

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036509.D
 Acq On : 12 Jul 2024 15:49
 Operator : SY/MD
 Sample : P3215-11
 Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D24

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Title : VOC Analysis

Signal : TIC: VV036509.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.082	10	13	28	rVB2	10851	14144	1.56%	0.103%
2	1.272	65	72	84	rVB	167679	180771	19.92%	1.316%
3	1.526	143	151	165	rVB	148434	178588	19.68%	1.300%
4	1.851	249	252	253	rBV3	1419	923	0.10%	0.007%
5	1.909	266	270	271	rBV3	1268	894	0.10%	0.007%
6	1.918	271	273	275	rVV3	1033	460	0.05%	0.003%
7	2.050	303	314	333	rVB	301391	446205	49.17%	3.248%
8	2.159	333	348	365	rBV2	14715	56978	6.28%	0.415%
9	2.439	423	435	451	rBV	48547	84838	9.35%	0.618%
10	2.889	567	575	582	rBV5	1489	3032	0.33%	0.022%
11	2.960	587	597	610	rVV3	6179	11637	1.28%	0.085%
12	3.860	863	877	885	rBV2	10244	31158	3.43%	0.227%
13	4.243	976	996	1027	rBV	163356	436222	48.07%	3.175%
14	4.526	1080	1084	1087	rBV4	515	469	0.05%	0.003%
15	4.667	1121	1128	1130	rBV5	839	1059	0.12%	0.008%
16	4.806	1165	1171	1172	rBV3	1153	881	0.10%	0.006%
17	4.818	1172	1175	1177	rVV3	1016	838	0.09%	0.006%
18	4.950	1202	1216	1250	rBV2	348231	907442	100.00%	6.605%
19	5.233	1296	1304	1316	rVB2	3233	6868	0.76%	0.050%
20	5.529	1385	1396	1422	rBV	278478	595240	65.60%	4.333%
21	5.831	1480	1490	1507	rBV3	8024	17344	1.91%	0.126%
22	5.986	1525	1538	1569	rBV	195873	459095	50.59%	3.342%
23	6.117	1576	1579	1583	rVB5	984	470	0.05%	0.003%
24	6.178	1590	1598	1609	rVB9	3088	6317	0.70%	0.046%
25	6.381	1650	1661	1675	rBV5	7089	14474	1.60%	0.105%
26	6.551	1703	1714	1728	rBV7	9244	19053	2.10%	0.139%
27	6.764	1771	1780	1785	rBV6	2838	5020	0.55%	0.037%
28	6.805	1790	1793	1802	rVB2	2193	2234	0.25%	0.016%
29	6.857	1805	1809	1812	rBV5	715	559	0.06%	0.004%
30	6.912	1812	1826	1854	rBV	68984	146068	16.10%	1.063%
31	7.011	1854	1857	1859	rBV4	750	524	0.06%	0.004%
32	7.040	1859	1866	1873	rBV8	2383	3149	0.35%	0.023%
33	7.085	1875	1880	1884	rBV7	1253	1364	0.15%	0.010%
34	7.188	1900	1912	1919	rBV2	26045	51237	5.65%	0.373%
35	7.240	1919	1928	1950	rVB	265180	486838	53.65%	3.544%
36	7.368	1959	1968	1977	rVB8	6134	10737	1.18%	0.078%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Title : VOC Analysis

37	7.439	1984	1990	2002	rVB6	9987	17968	1.98%	0.131%
38	7.522	2013	2016	2018	rBV5	620	451	0.05%	0.003%
39	7.558	2018	2027	2053	rVV4	42848	125896	13.87%	0.916%
40	7.683	2063	2066	2068	rBV4	1276	986	0.11%	0.007%
41	7.712	2068	2075	2085	rVB7	9542	17161	1.89%	0.125%
42	7.770	2085	2093	2100	rBV10	2504	4083	0.45%	0.030%
43	7.815	2100	2107	2108	rBV6	882	974	0.11%	0.007%
44	7.883	2119	2128	2129	rBV5	2016	2013	0.22%	0.015%
45	7.902	2129	2134	2146	rVB7	4459	8848	0.98%	0.064%
46	8.034	2149	2175	2199	rBV	55207	153234	16.89%	1.115%
47	8.153	2201	2212	2223	rVB7	11603	26579	2.93%	0.193%
48	8.217	2223	2232	2241	rVB	29190	45794	5.05%	0.333%
49	8.278	2241	2251	2261	rBV2	52751	94490	10.41%	0.688%
50	8.436	2286	2300	2310	rBV5	14218	27354	3.01%	0.199%
51	8.522	2311	2327	2335	rBV4	31820	75432	8.31%	0.549%
52	8.651	2359	2367	2370	rBV8	2182	2658	0.29%	0.019%
53	8.719	2376	2388	2397	rBV6	9379	19306	2.13%	0.141%
54	8.783	2397	2408	2422	rBV	288058	482968	53.22%	3.516%
55	8.921	2442	2451	2467	rVB6	17164	34585	3.81%	0.252%
56	8.989	2469	2472	2476	rVV5	2615	2985	0.33%	0.022%
57	9.037	2477	2487	2495	rVV4	32223	70300	7.75%	0.512%
58	9.085	2496	2502	2510	rVV	48845	84439	9.31%	0.615%
59	9.127	2510	2515	2541	rVB5	23271	61826	6.81%	0.450%
60	9.246	2541	2552	2565	rBV6	28923	55035	6.06%	0.401%
61	9.342	2574	2582	2585	rBV4	8918	11535	1.27%	0.084%
62	9.407	2586	2602	2620	rVB8	65197	162849	17.95%	1.185%
63	9.487	2620	2627	2629	rBV5	11961	14527	1.60%	0.106%
64	9.513	2630	2635	2647	rVB4	17822	31151	3.43%	0.227%
65	9.641	2656	2675	2685	rBV6	118285	265146	29.22%	1.930%
66	9.731	2695	2703	2711	rBV4	70846	123675	13.63%	0.900%
67	9.783	2712	2719	2730	rVB	124503	207205	22.83%	1.508%
68	9.844	2731	2738	2749	rVB5	32200	57070	6.29%	0.415%
69	9.908	2750	2758	2765	rBV4	34356	55280	6.09%	0.402%
70	9.950	2765	2771	2789	rVB3	58971	110143	12.14%	0.802%
71	10.059	2798	2805	2814	rVB5	31540	45704	5.04%	0.333%
72	10.169	2819	2839	2852	rBV5	181847	518510	57.14%	3.774%
73	10.326	2876	2888	2897	rBV8	57491	136263	15.02%	0.992%
74	10.442	2915	2924	2933	rBV	127463	210110	23.15%	1.529%
75	10.503	2935	2943	2951	rVV6	48159	95096	10.48%	0.692%
76	10.612	2969	2977	2983	rBV6	18201	36923	4.07%	0.269%

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 Title : VOC Analysis

77	10.657	2984	2991	2999	rVV4	54659	91222	10.05%	0.664%
78	10.709	3002	3007	3015	rVB3	39064	53409	5.89%	0.389%
79	10.818	3032	3041	3059	rBV4	186290	450371	49.63%	3.278%
80	10.969	3081	3088	3092	rBV6	59409	84464	9.31%	0.615%
81	11.005	3094	3099	3102	rVV6	77731	102739	11.32%	0.748%
82	11.034	3104	3108	3117	rVV4	122598	177916	19.61%	1.295%
83	11.085	3118	3124	3132	rVB2	82025	120325	13.26%	0.876%
84	11.185	3147	3155	3164	rBV	193141	328292	36.18%	2.390%
85	11.561	3259	3272	3286	rVB4	191834	505346	55.69%	3.678%
86	11.873	3357	3369	3377	rBV4	168645	328974	36.25%	2.395%
87	11.924	3378	3385	3400	rVB8	101042	192400	21.20%	1.400%
88	12.062	3421	3428	3437	rVB2	106356	152058	16.76%	1.107%
89	12.191	3459	3468	3477	rBV6	158474	272833	30.07%	1.986%
90	12.304	3494	3503	3524	rBV3	217328	492934	54.32%	3.588%
91	12.403	3526	3534	3549	rVV6	203443	331848	36.57%	2.416%
92	12.574	3580	3587	3599	rBV6	70531	144322	15.90%	1.051%
93	12.738	3631	3638	3648	rBV4	99630	159530	17.58%	1.161%
94	12.815	3656	3662	3666	rBV6	82896	117586	12.96%	0.856%
95	12.979	3704	3713	3736	rVB6	250053	711315	78.39%	5.178%
96	13.580	3892	3900	3911	rBV	299599	511650	56.38%	3.724%
97	13.863	3982	3988	3995	rVB5	93041	121629	13.40%	0.885%
98	14.593	4207	4215	4223	rBV2	204047	295067	32.52%	2.148%
99	15.355	4446	4452	4459	rBV	92904	119379	13.16%	0.869%
100	15.522	4497	4504	4517	rVB2	111166	192806	21.25%	1.403%

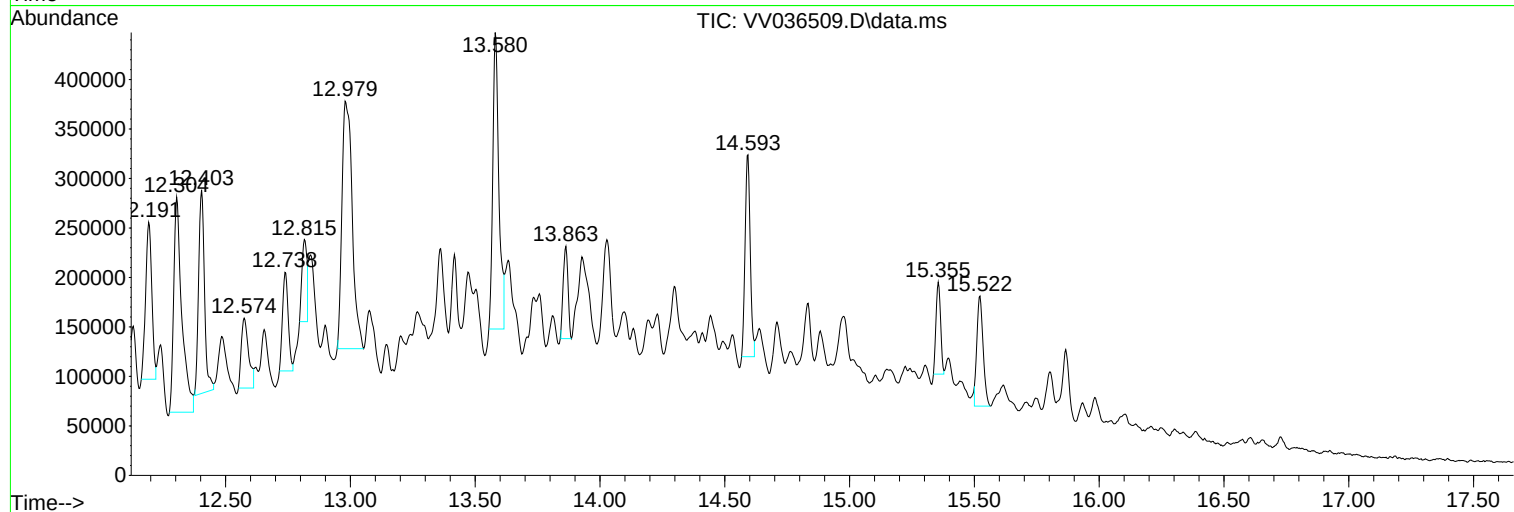
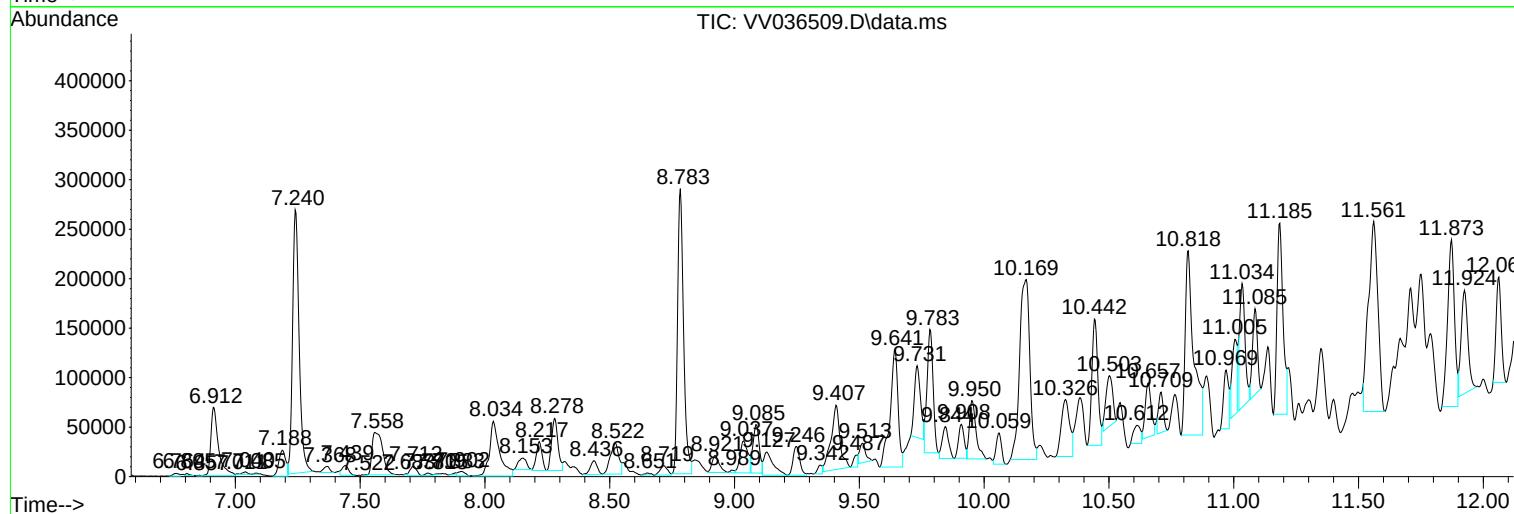
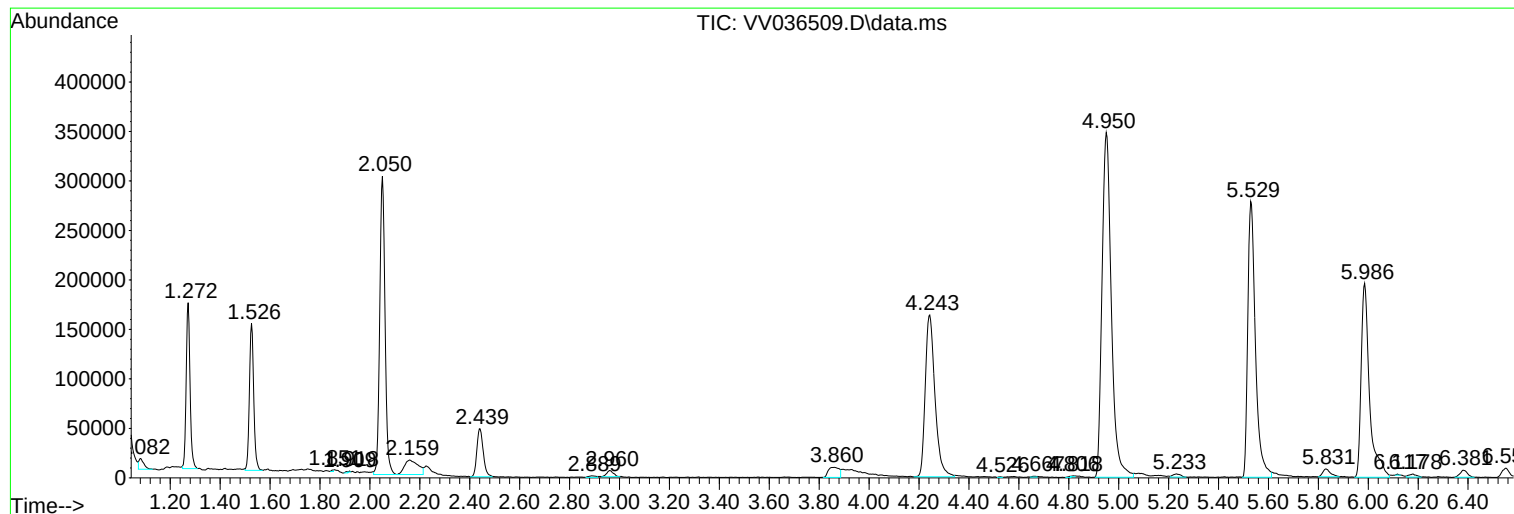
Sum of corrected areas: 13738097

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Instrument :
MSVOA_V
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A4D24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
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Instrument :
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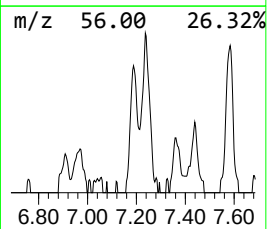
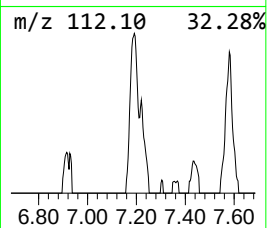
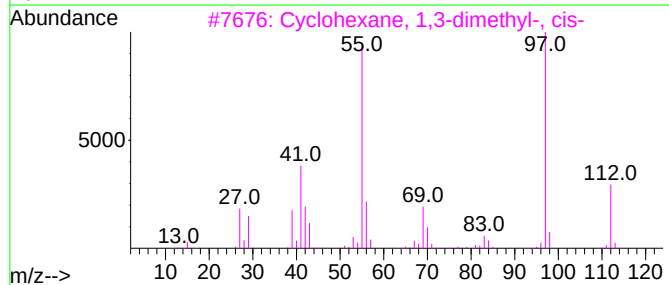
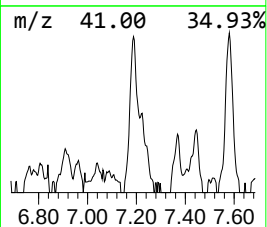
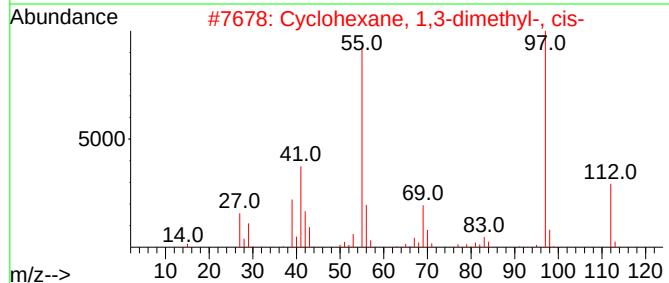
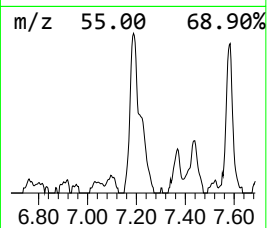
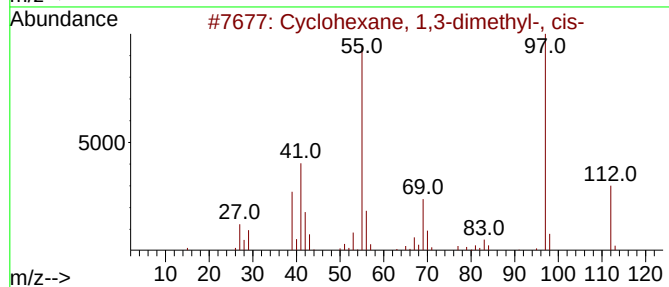
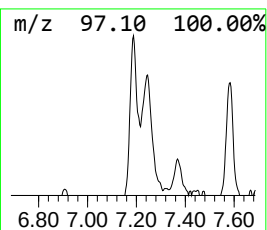
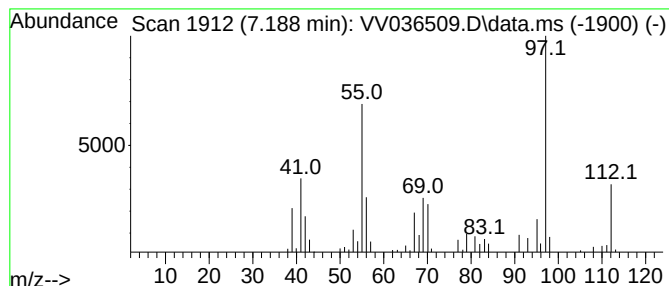
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic7.188 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.188	2.65 ug/L	51237	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	76
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	70
3			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	70
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	68
5			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	68



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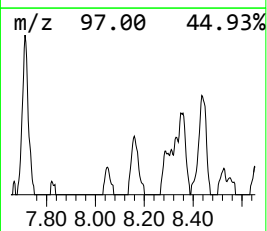
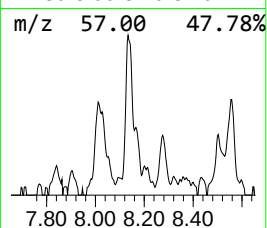
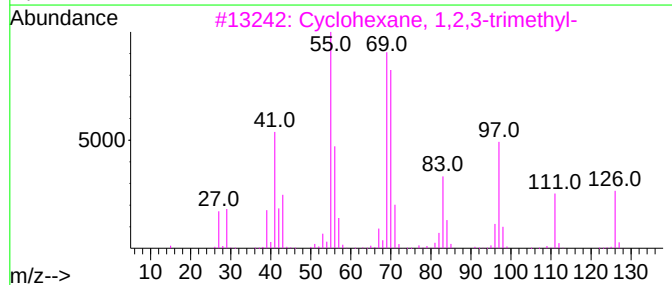
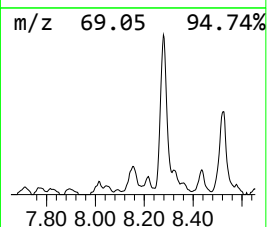
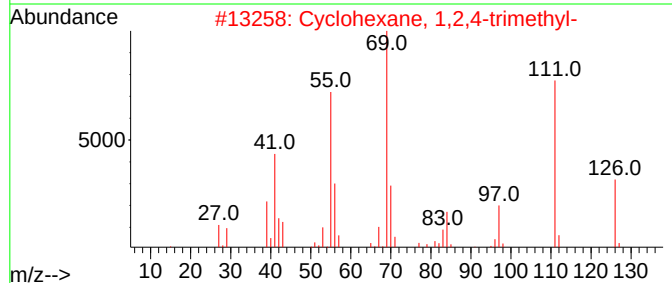
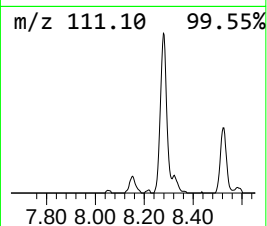
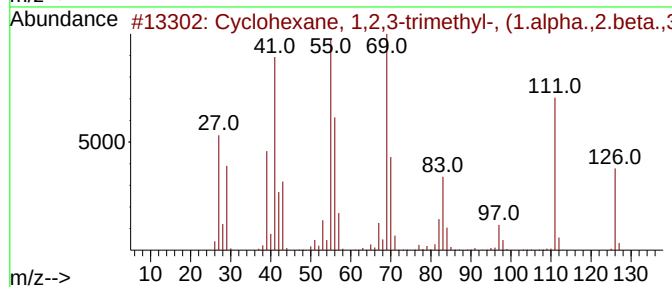
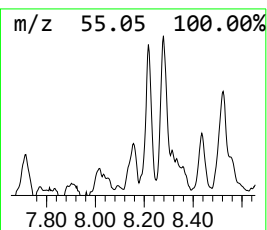
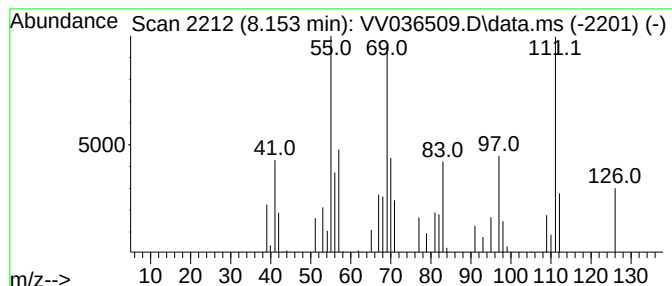
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic8.153 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.153	1.38 ug/L	26579	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	50
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
3			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	47
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	46
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	43



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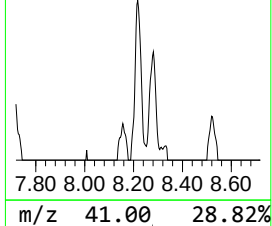
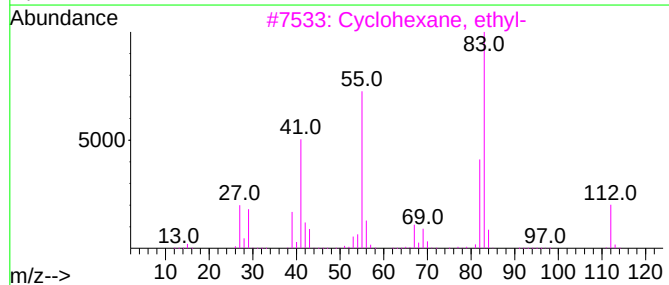
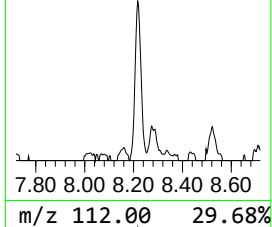
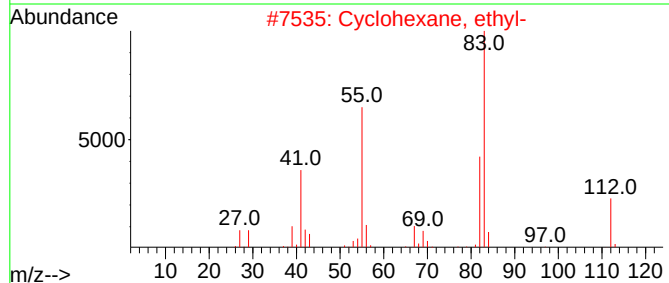
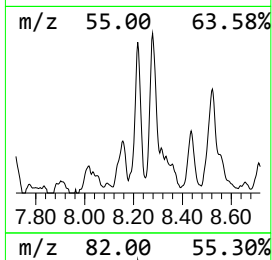
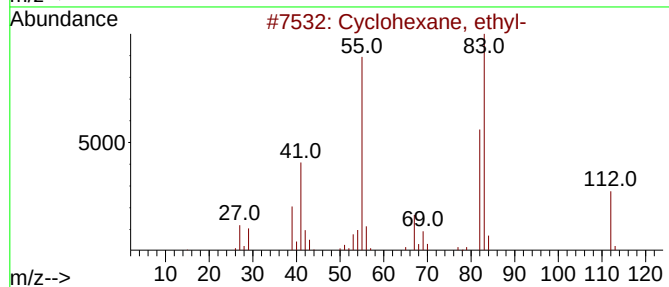
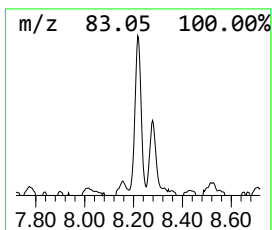
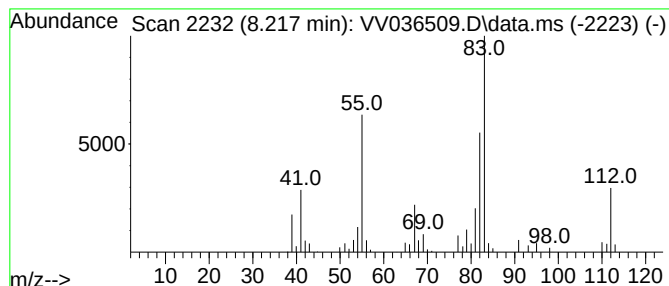
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic8.217 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.217	2.37 ug/L	45794	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
5			2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

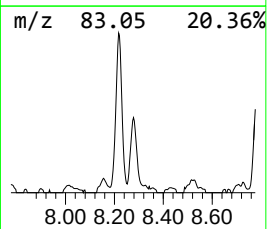
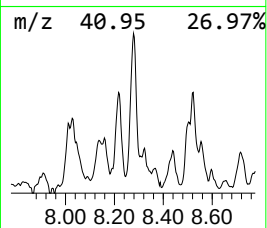
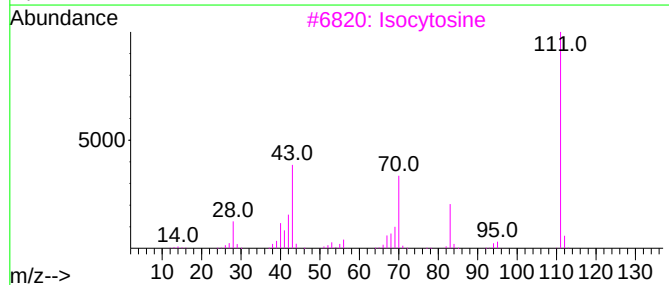
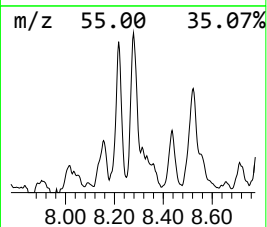
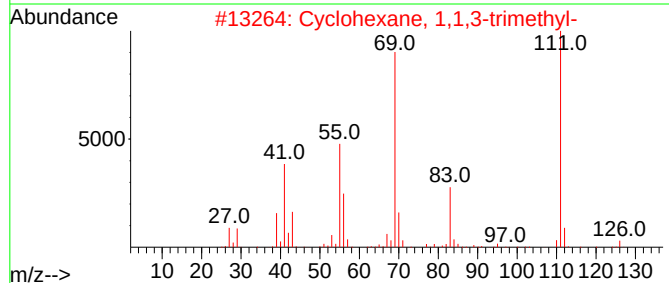
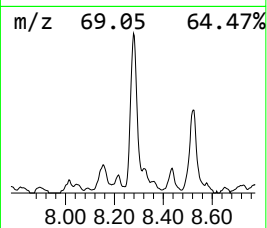
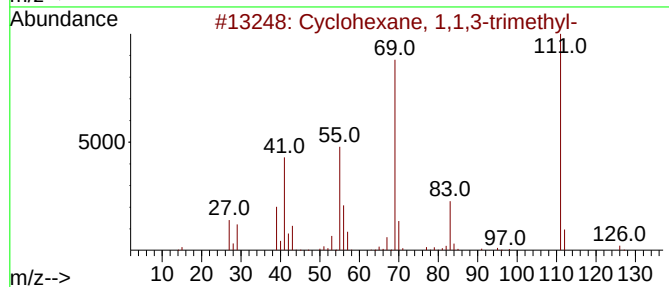
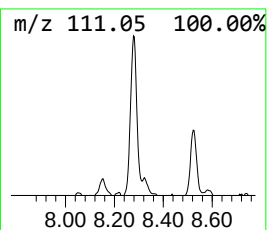
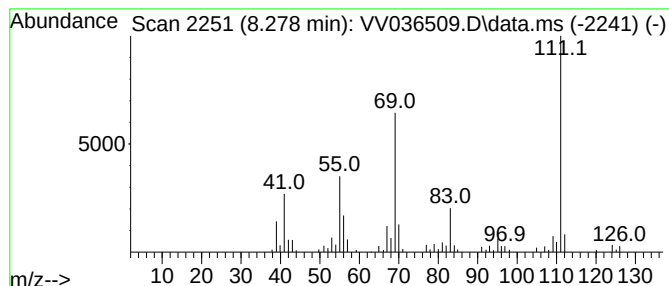
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic8.278 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.278	4.89 ug/L	94490	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
3			Isocytosine	111	C4H5N3O	000108-53-2	80
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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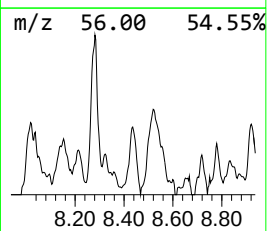
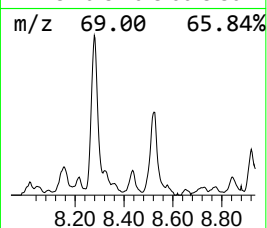
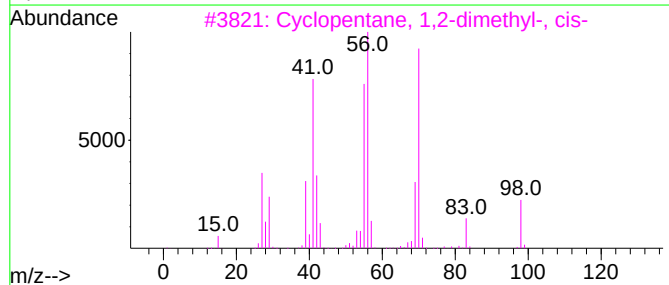
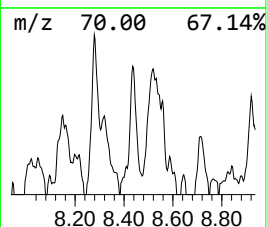
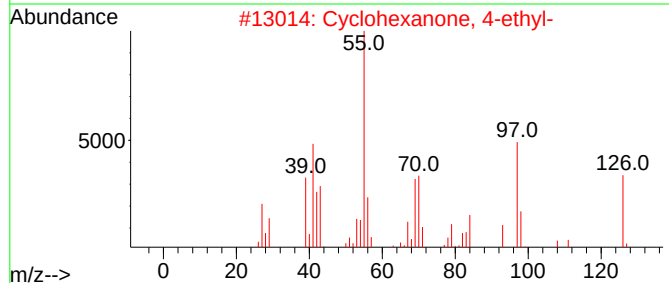
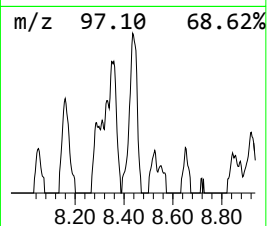
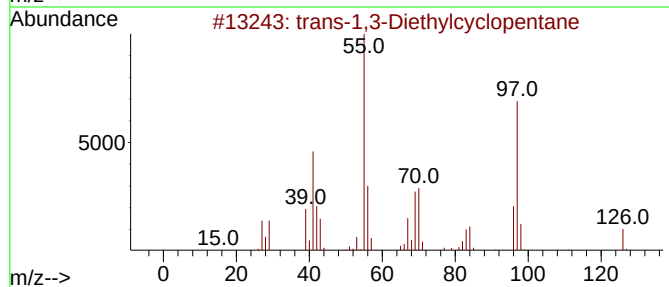
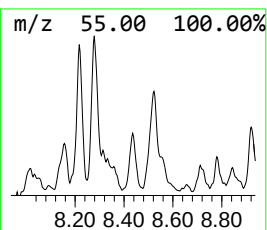
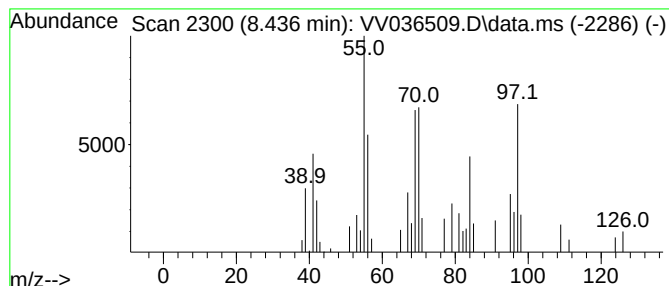
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic8.436 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.436	1.42 ug/L	27354	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	43
2			Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	35
3			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	30
4			Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	27
5			2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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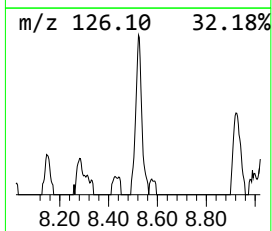
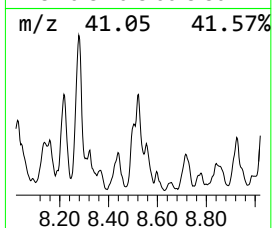
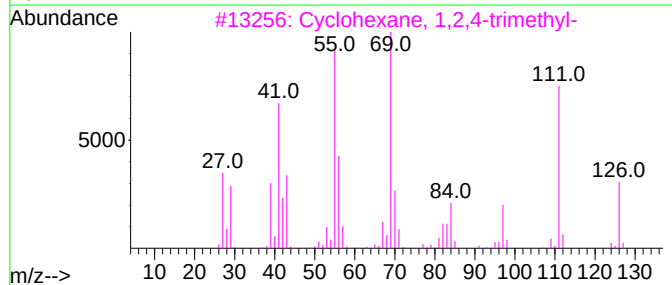
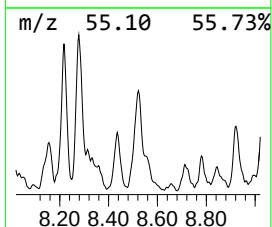
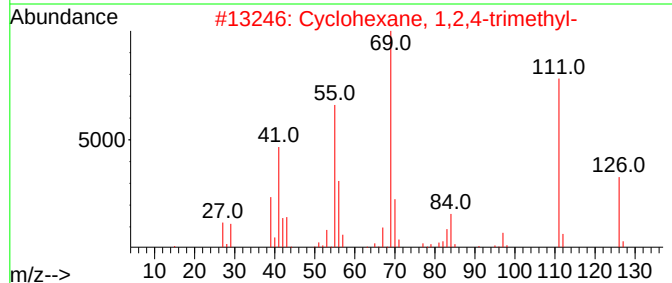
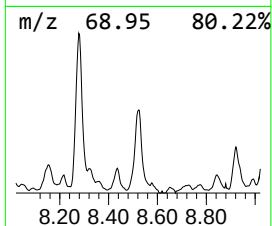
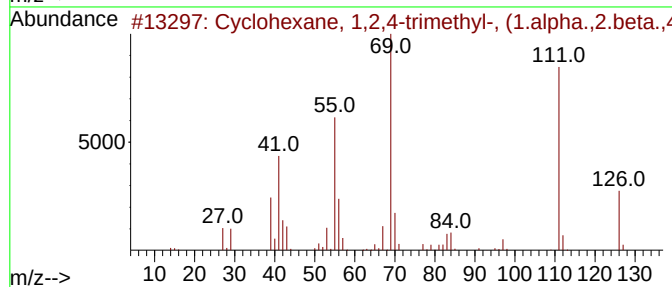
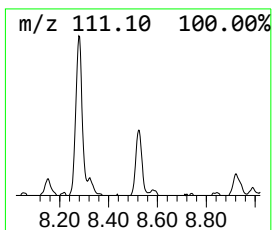
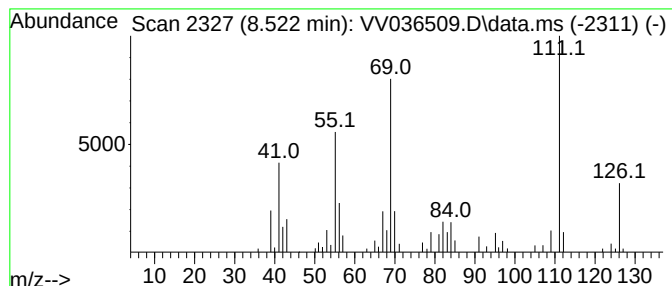
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic8.522 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.522	3.90 ug/L	75432	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	83
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	74
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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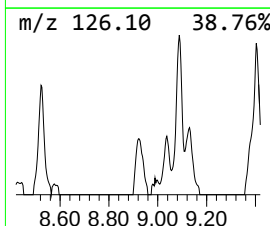
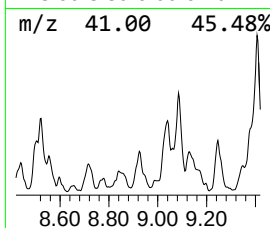
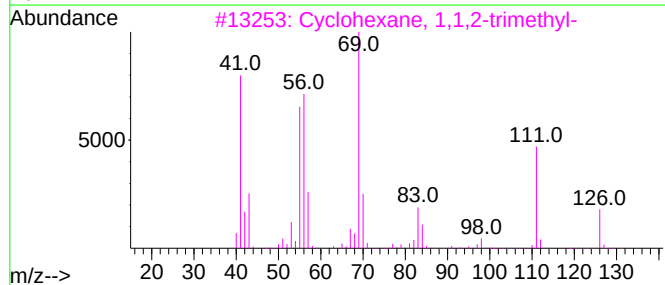
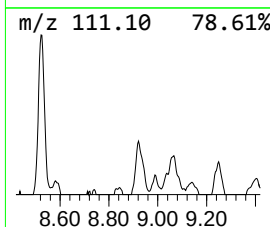
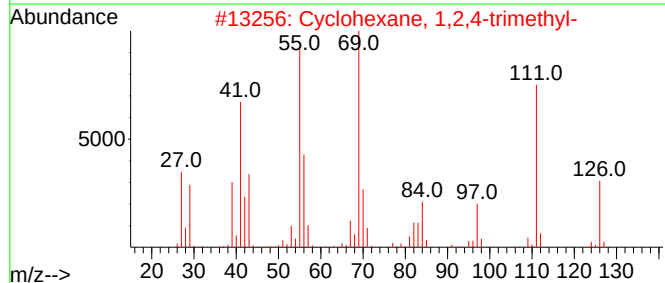
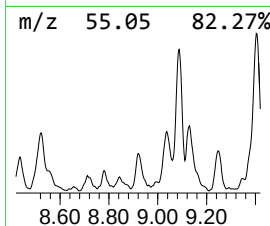
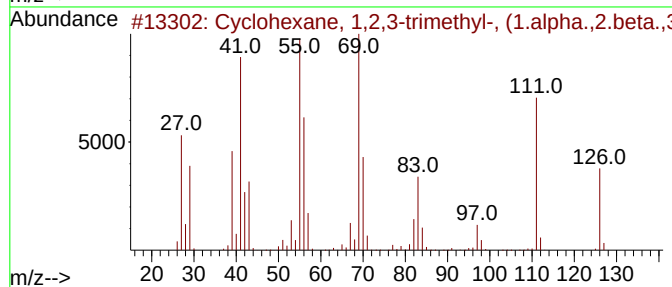
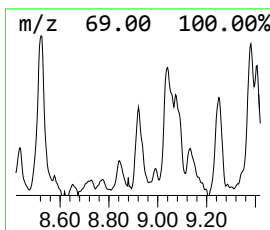
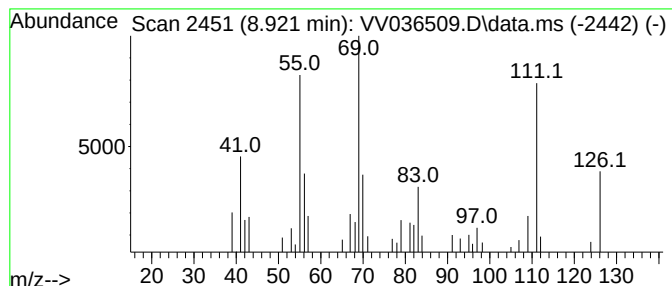
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic8.921 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.921	1.79 ug/L	34585	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	95
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	80
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

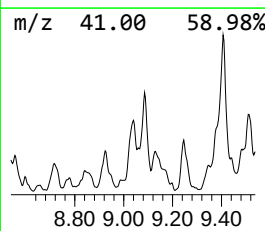
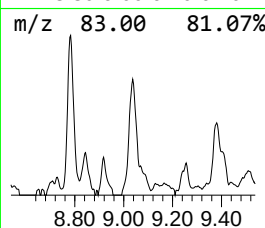
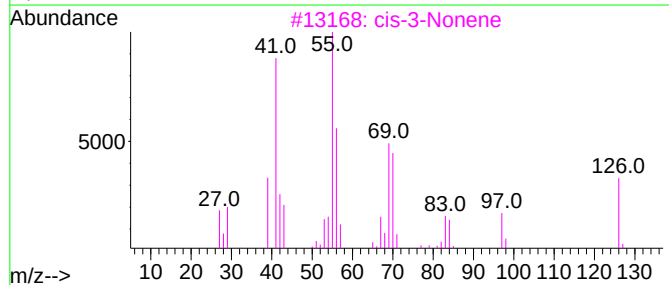
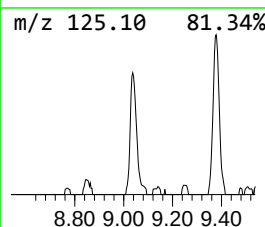
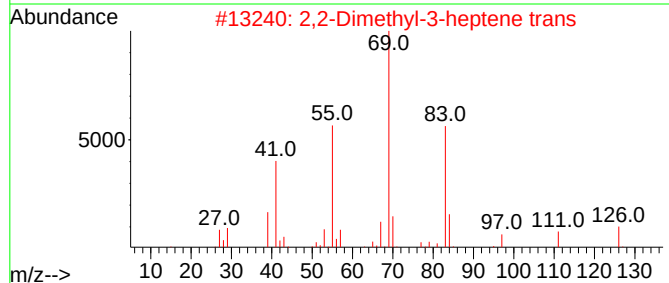
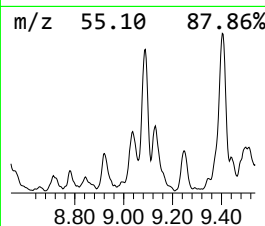
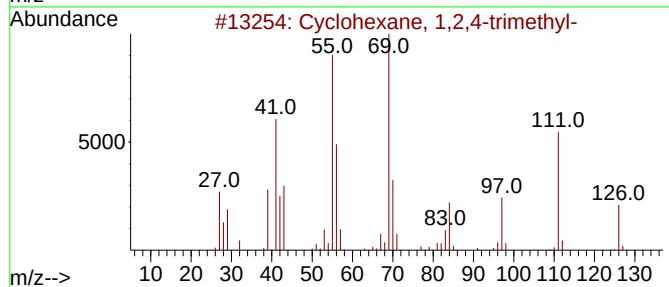
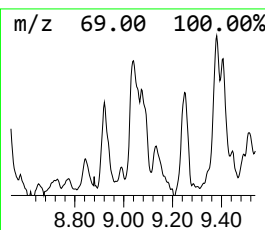
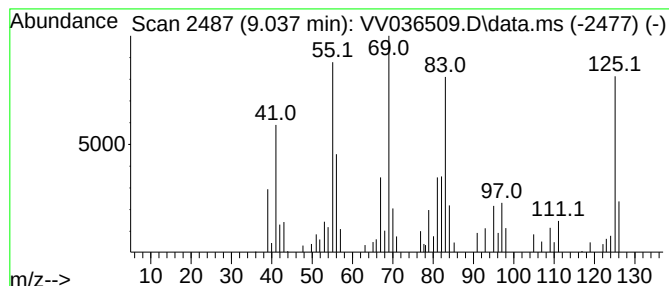
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic9.037 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.037	3.64 ug/L	70300	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	45
2			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	35
3			cis-3-Nonene	126	C9H18	020237-46-1	35
4			2-Methyl-2-octene	126	C9H18	016993-86-5	30
5			Pentane, 3-methylene-	84	C6H12	000760-21-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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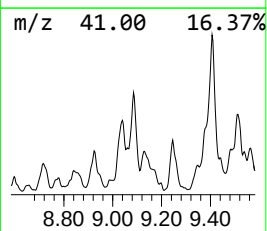
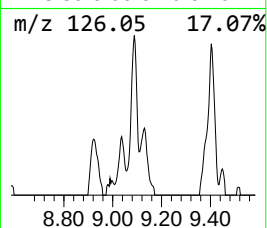
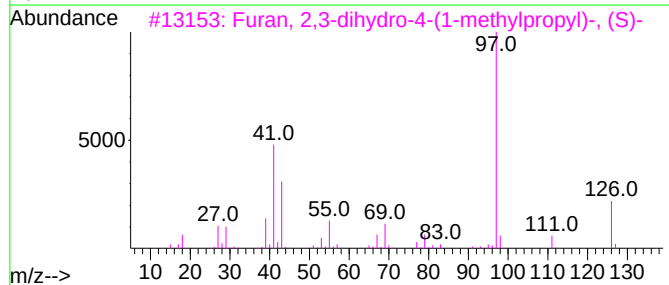
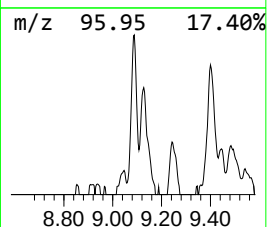
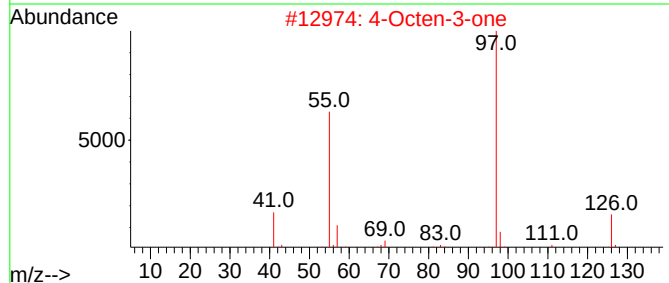
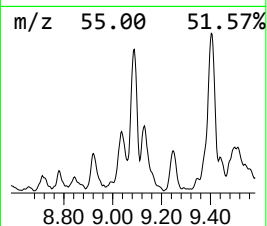
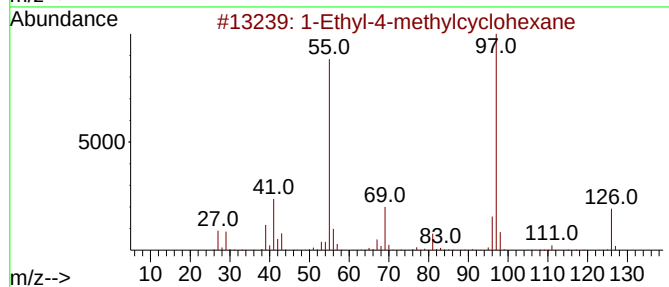
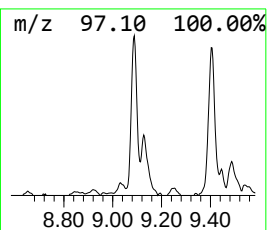
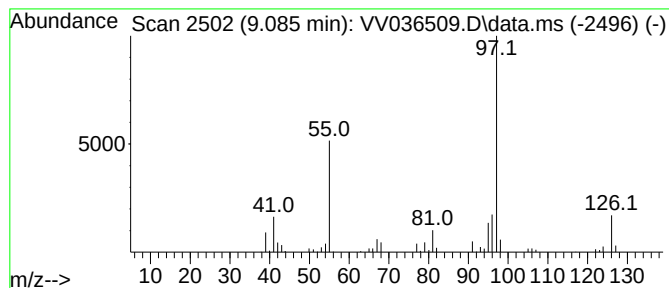
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic9.085 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.085	4.37 ug/L	84439	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	78
2			4-Octen-3-one	126	C8H14O	014129-48-7	64
3			Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	53
4			1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	53
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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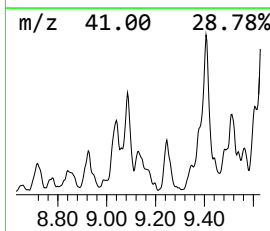
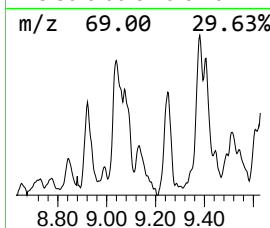
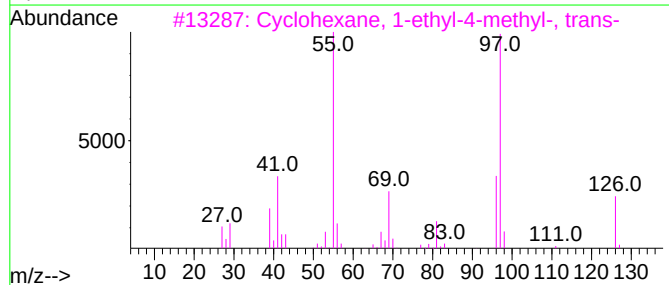
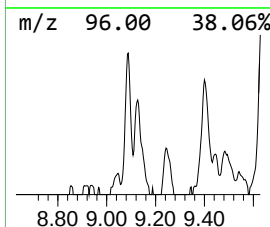
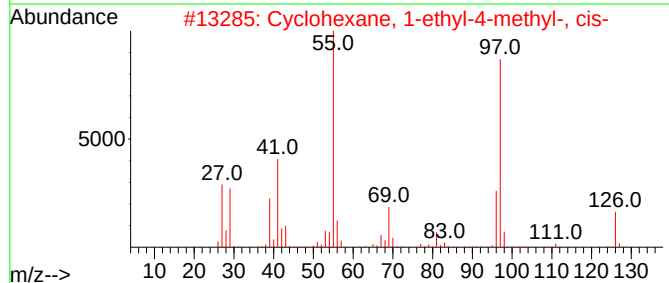
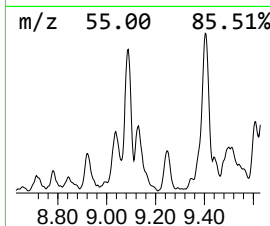
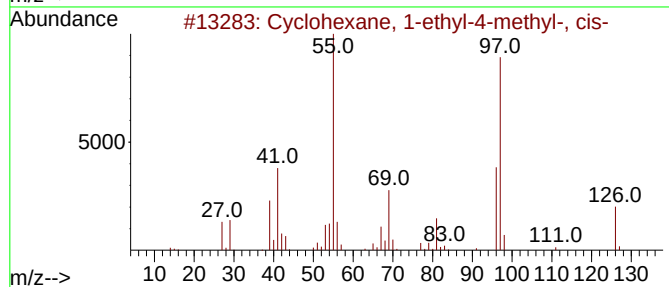
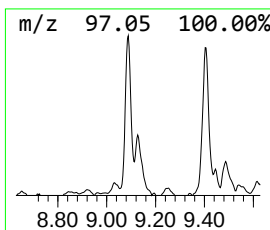
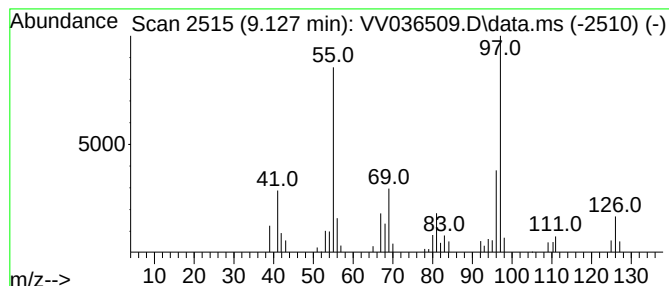
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic9.127 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.127	3.20 ug/L	61826	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
4			Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	64
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

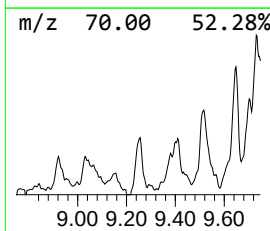
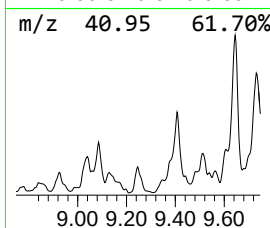
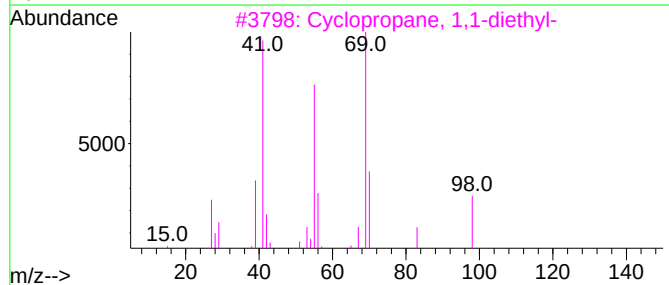
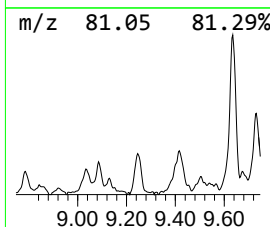
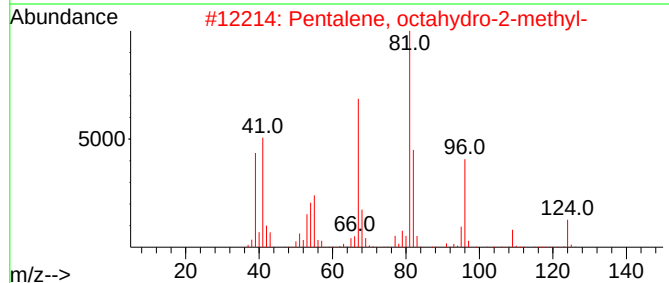
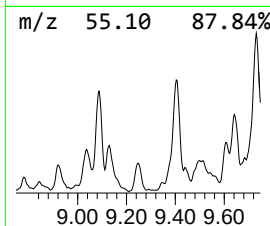
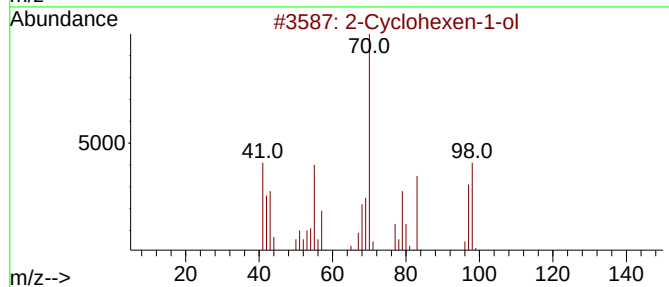
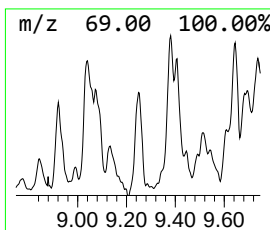
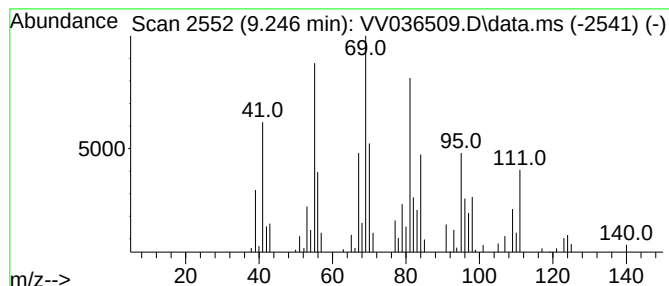
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.246	2.85 ug/L	55035	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	25
2			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	25
3			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	25
4			7-Formylbicyclo[4.1.0]heptane	124	C8H12O	1000197-01-8	25
5			Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

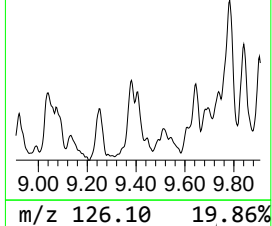
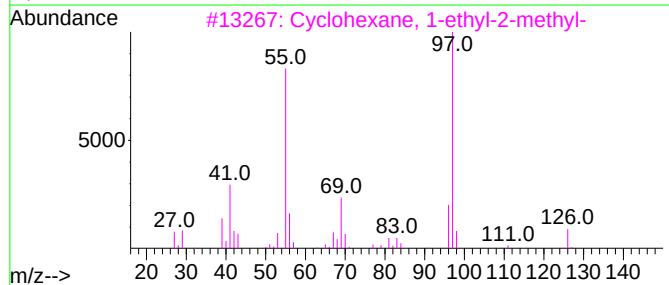
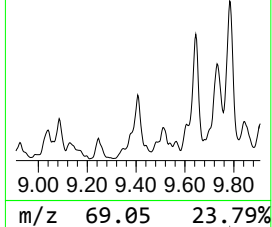
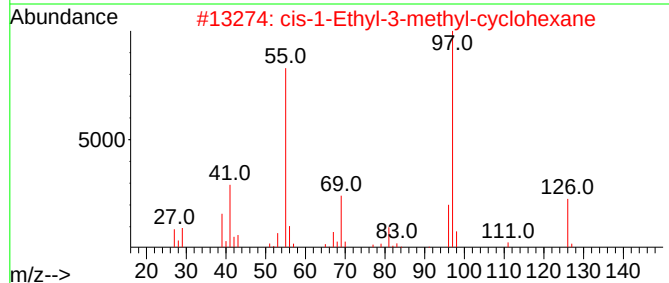
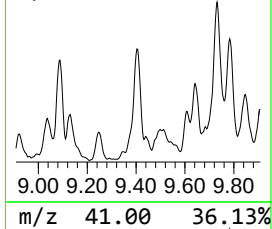
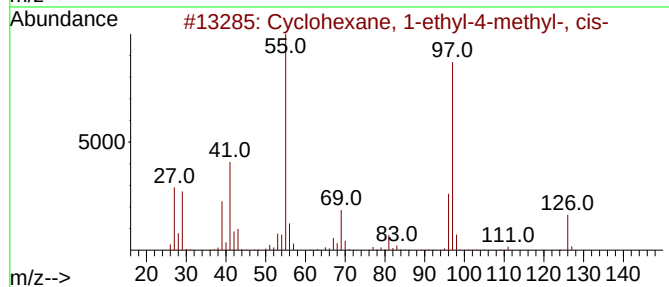
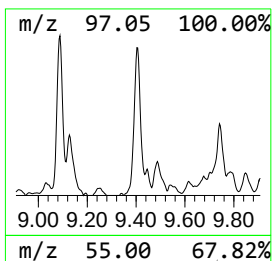
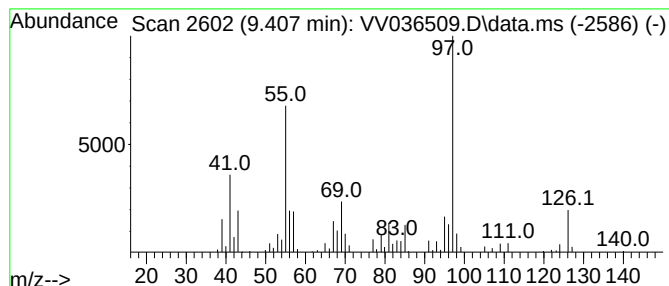
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic9.407 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.407	8.43 ug/L	162849	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	58
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

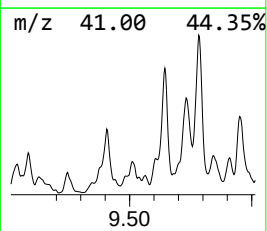
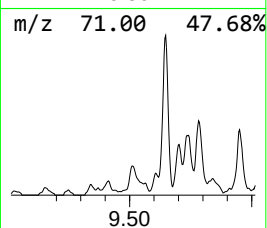
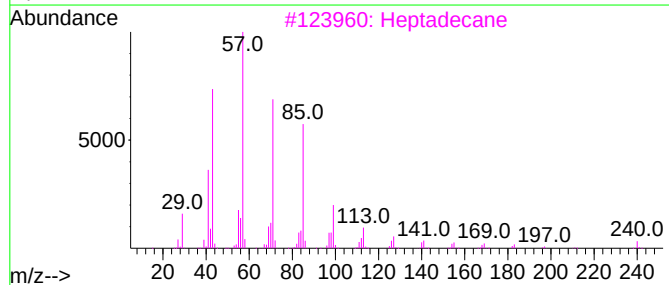
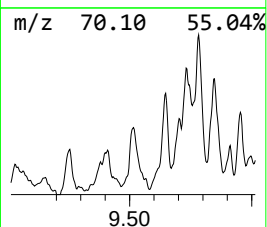
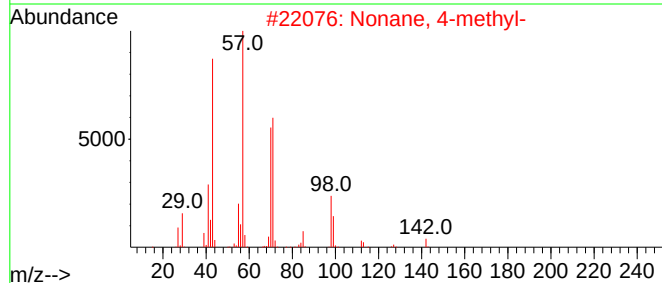
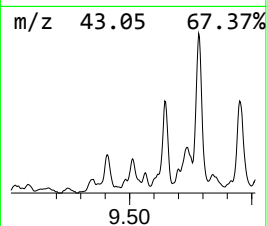
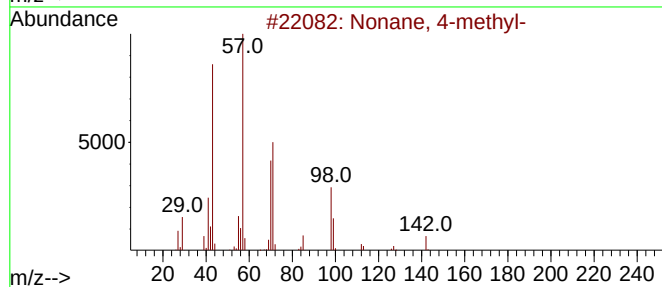
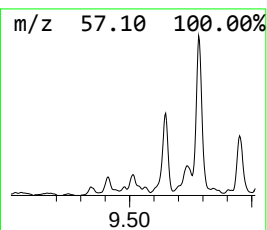
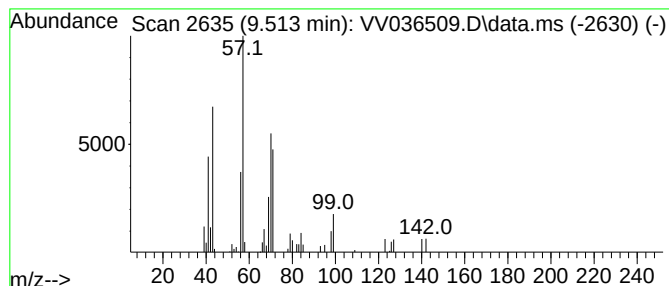
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.513	1.61 ug/L	31151	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	59
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	59
3			Heptadecane	240	C17H36	000629-78-7	50
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	50
5			2-Ethyl-1-hexanol, trifluoroacetate	226	C10H17F3O2	053800-08-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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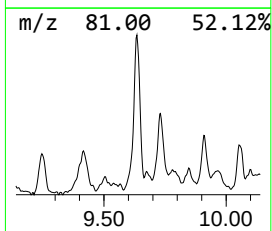
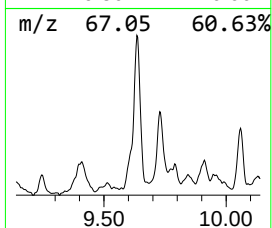
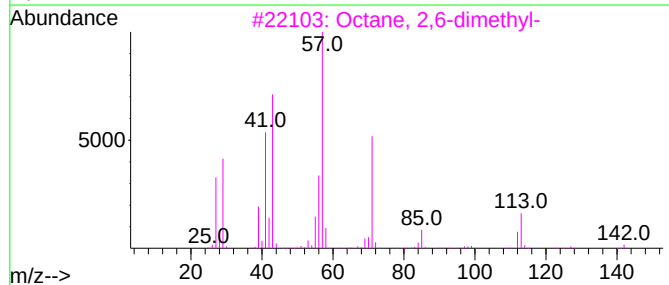
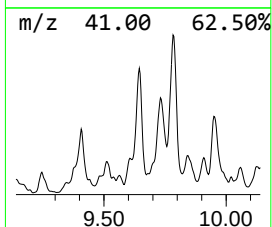
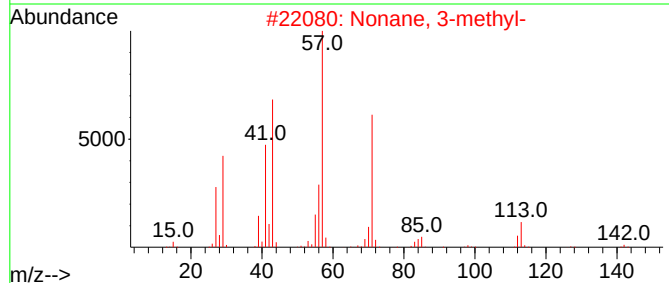
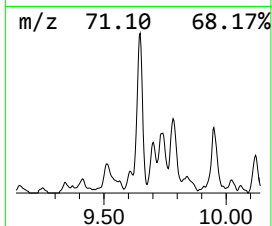
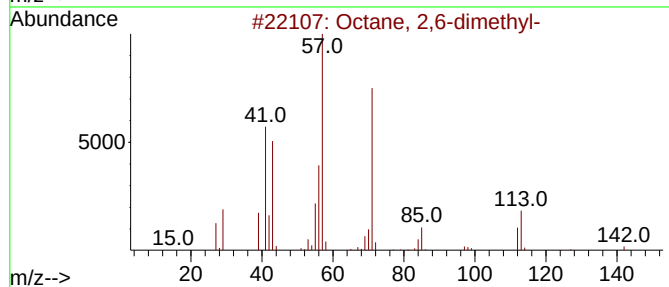
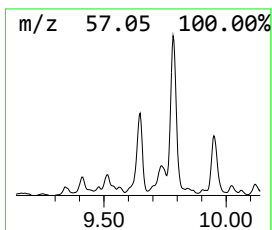
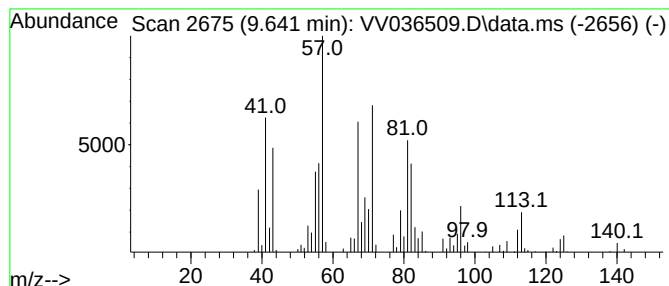
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.641	13.72 ug/L	265146	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	42
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	41
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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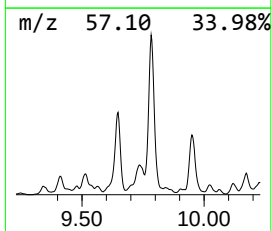
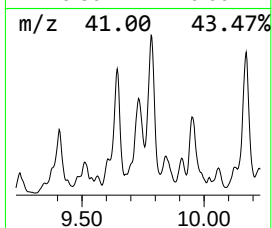
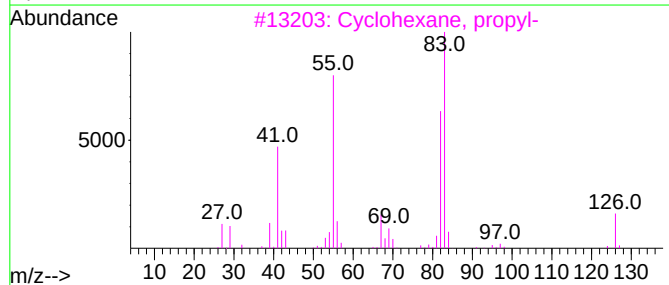
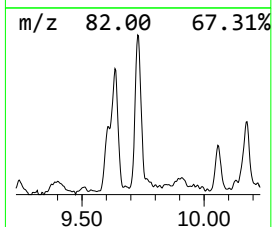
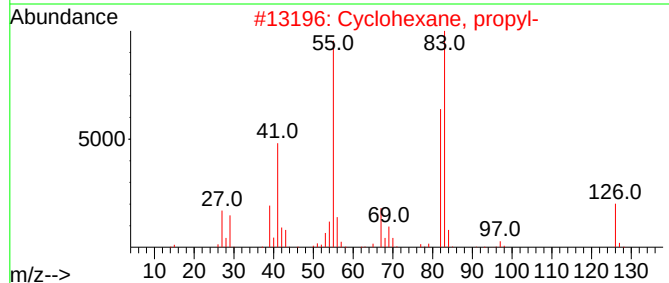
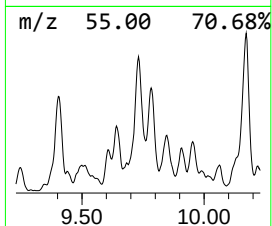
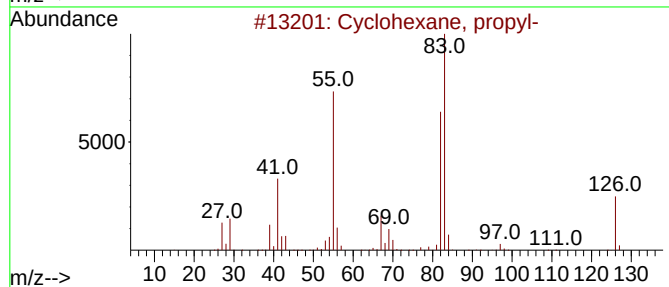
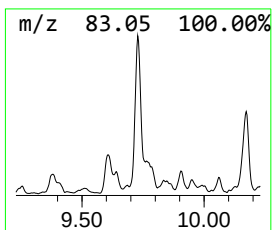
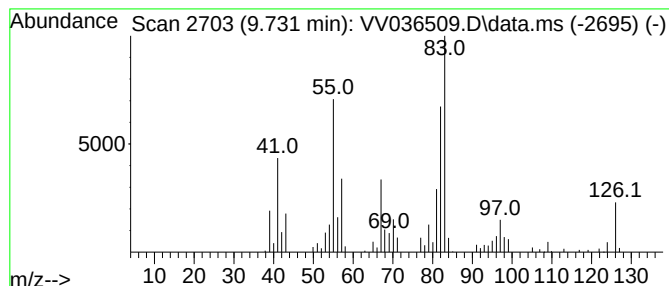
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic9.731 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.731	6.40 ug/L	123675	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	68
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	58
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

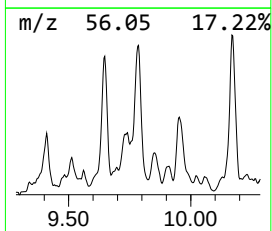
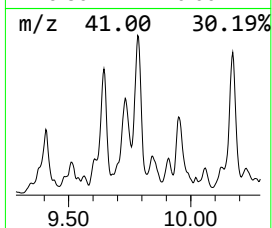
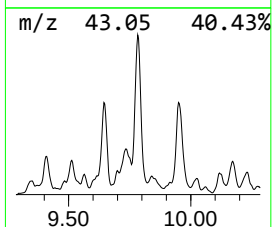
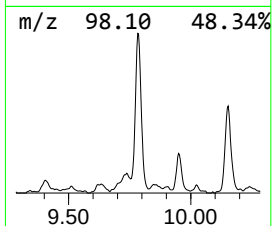
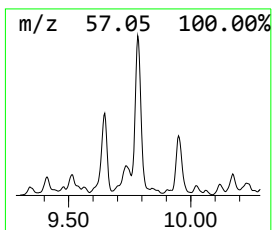
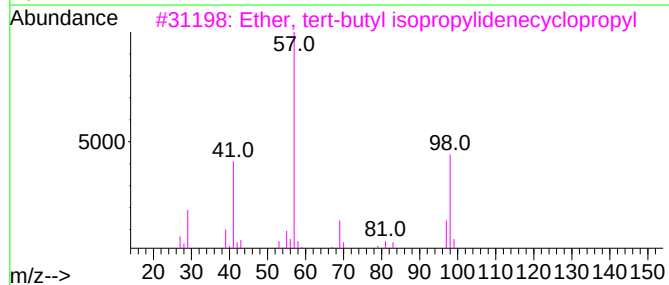
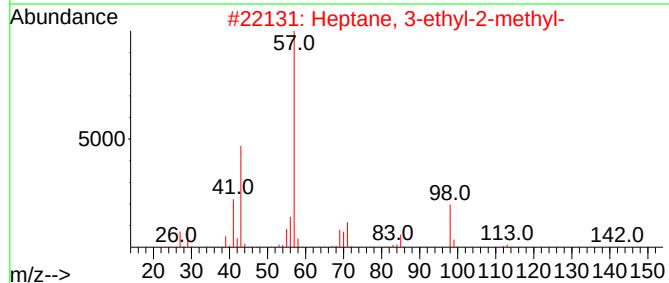
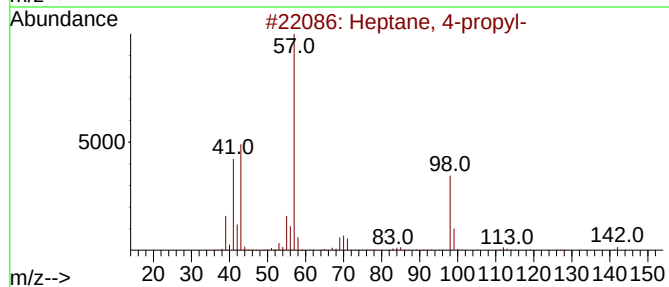
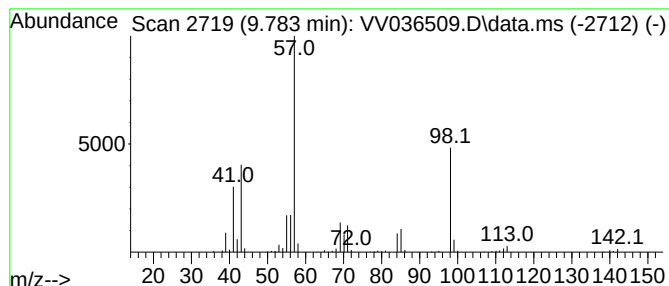
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.783	10.73 ug/L	207205	Chlorobenzene-d5	8.783	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-propyl-	142	C10H22	003178-29-8	72
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	53
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	52
5	Decyl heptyl ether	256	C17H36O	1000406-39-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

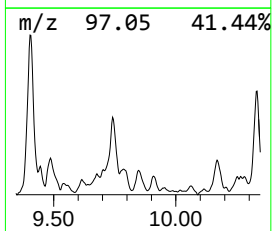
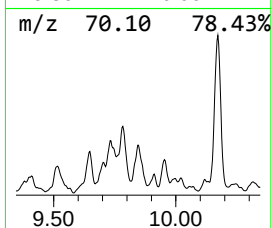
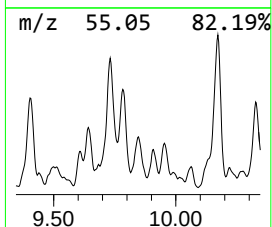
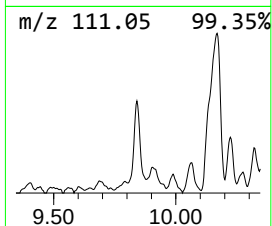
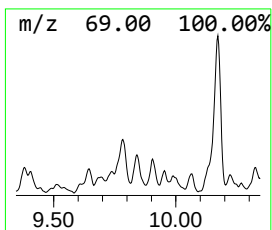
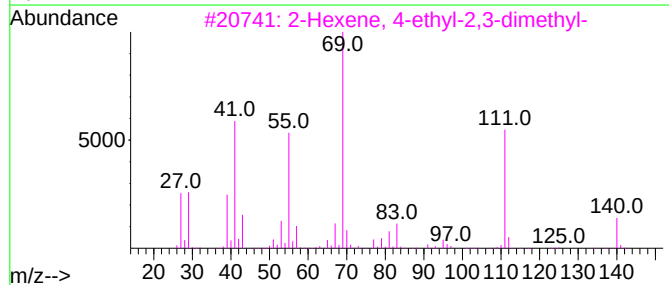
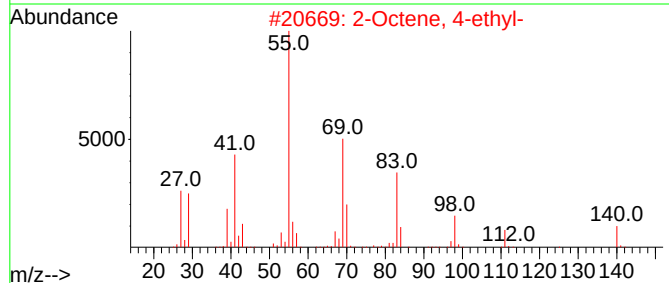
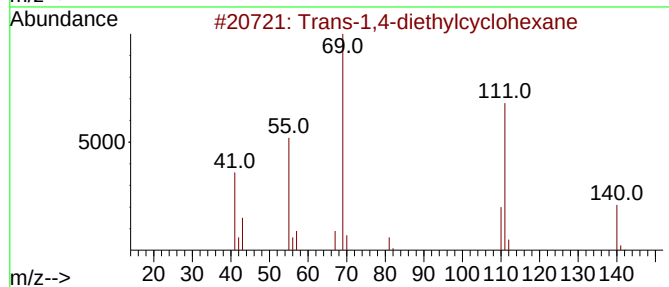
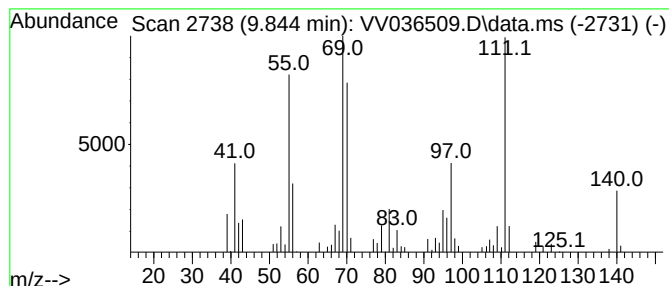
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic9.844 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.844	2.95 ug/L	57070	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	38
2			2-Octene, 4-ethyl-	140	C10H20	053966-52-2	35
3			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	27
4			4H-Pyran-4-one, 2-methoxy-6-methyl-	140	C7H8O3	004225-42-7	27
5			2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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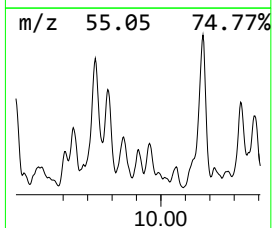
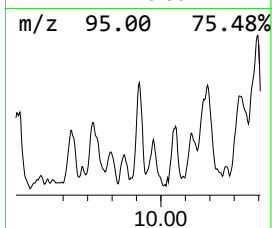
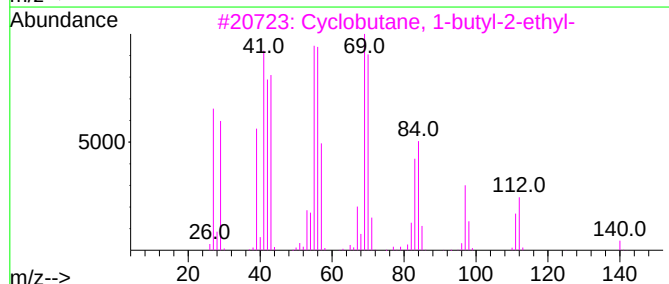
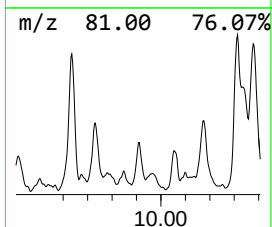
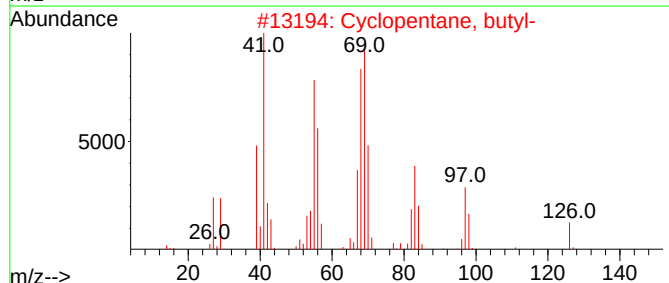
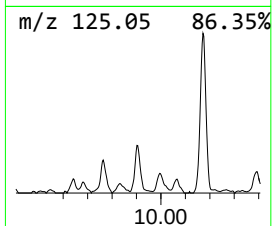
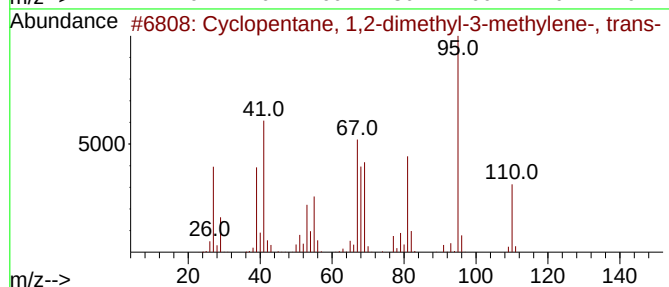
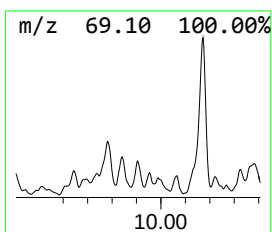
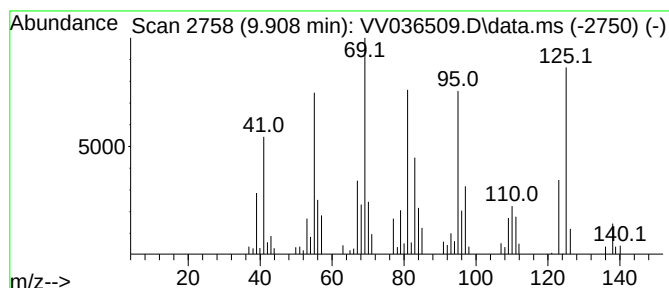
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.908	2.86 ug/L	55280	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	25
2		Cyclopentane, butyl-	126	C9H18	002040-95-1	22
3		Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1010150-67-3	18
4		Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	15
5		1-Hydroxymethyl-2-methyl-1-cyclo...	126	C8H14O	029474-11-1	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

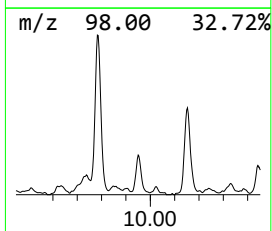
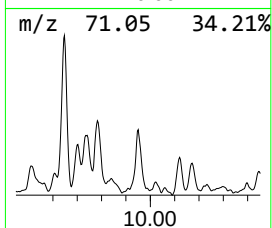
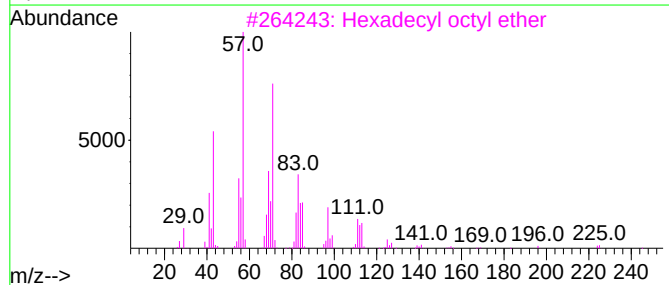
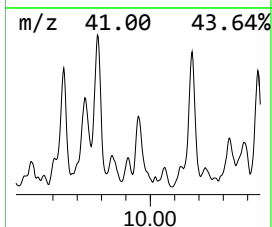
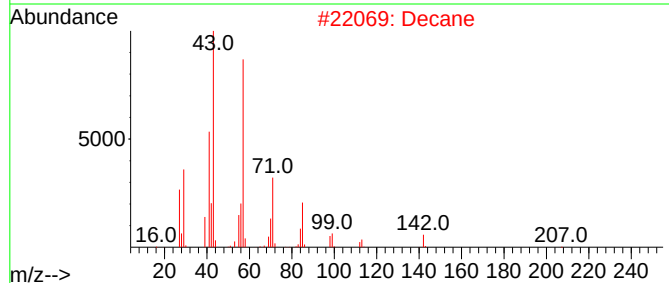
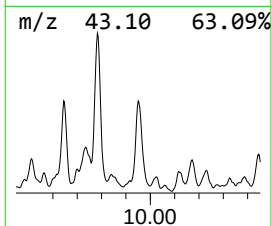
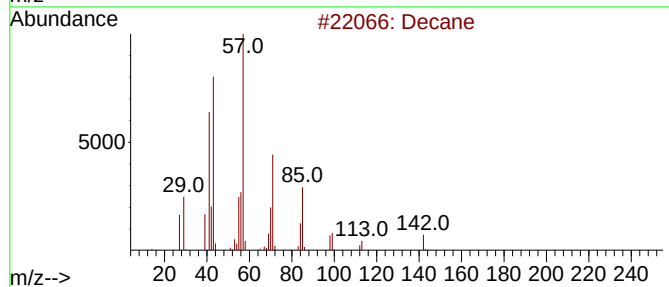
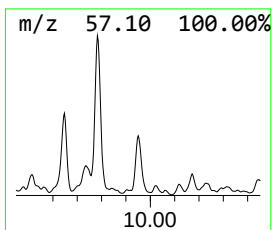
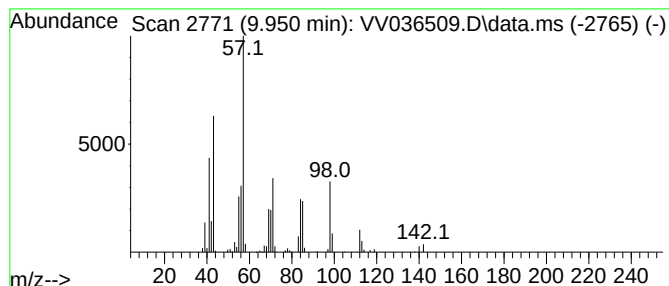
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.950	5.70 ug/L	110143	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	62
2			Decane	142	C10H22	000124-18-5	53
3			Hexadecyl octyl ether	354	C24H50O	1000406-38-6	53
4			Octane, 4-ethyl-	142	C10H22	015869-86-0	52
5			Decane	142	C10H22	000124-18-5	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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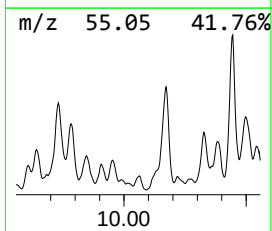
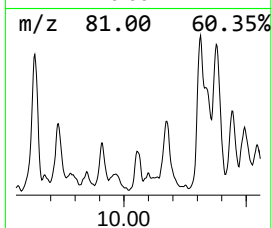
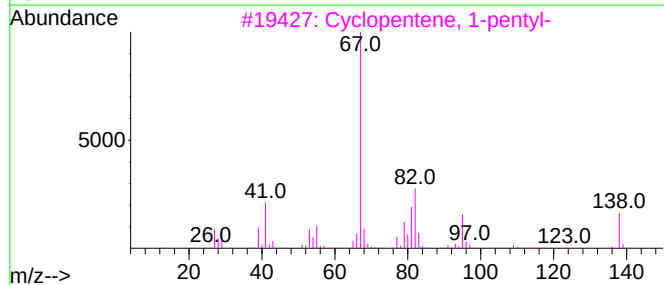
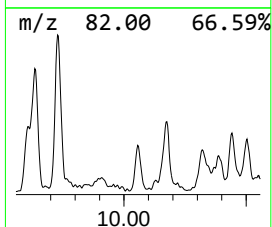
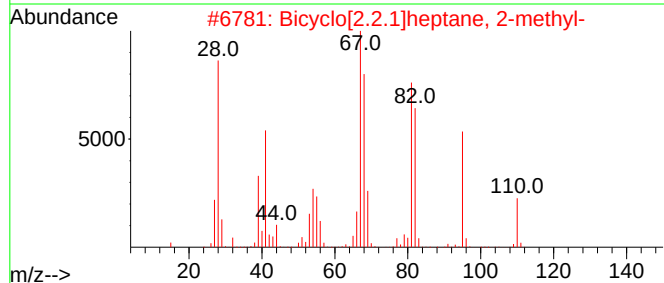
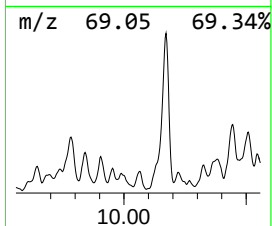
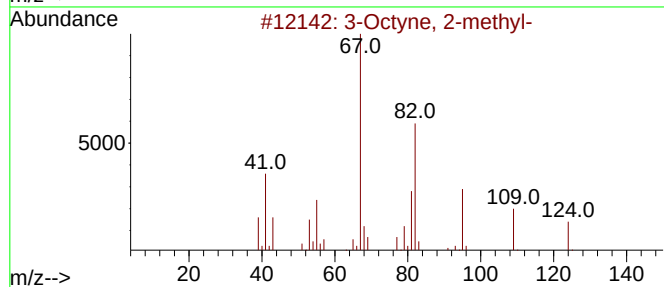
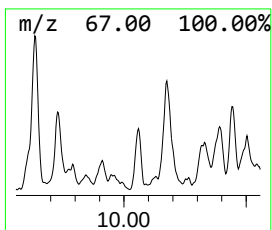
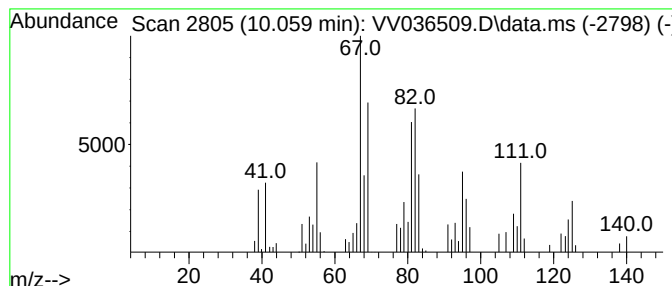
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 unknown-03 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.059	3.48 ug/L	45704	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Octyne, 2-methyl-	124	C9H16	055402-15-8	49
2		Bicyclo[2.2.1]heptane, 2-methyl-	110	C8H14	015185-11-2	49
3		Cyclopentene, 1-pentyl-	138	C10H18	004291-98-9	46
4		Cyclopentene, 1-pentyl-	138	C10H18	004291-98-9	46
5		Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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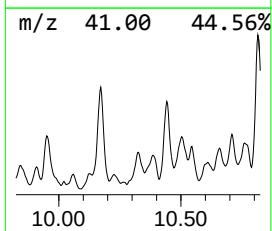
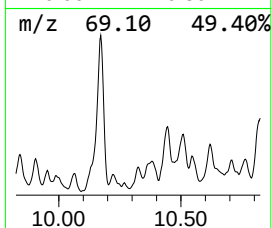
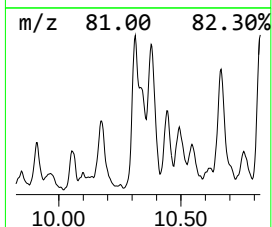
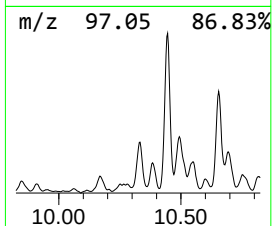
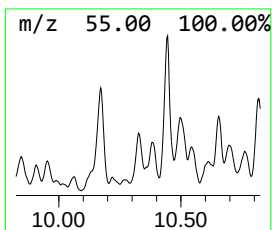
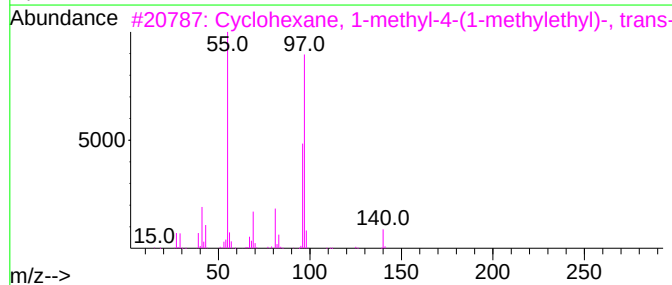
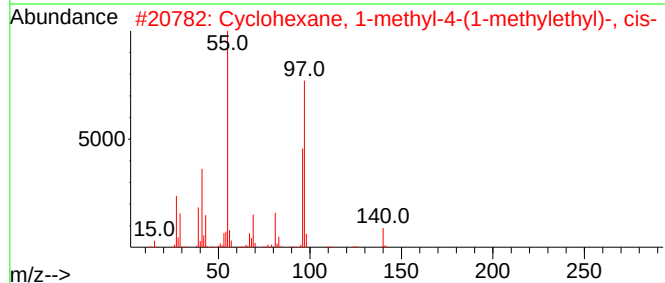
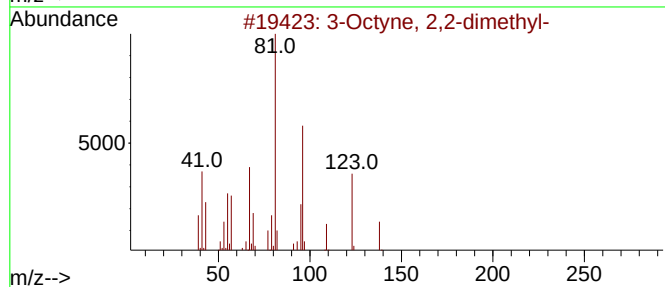
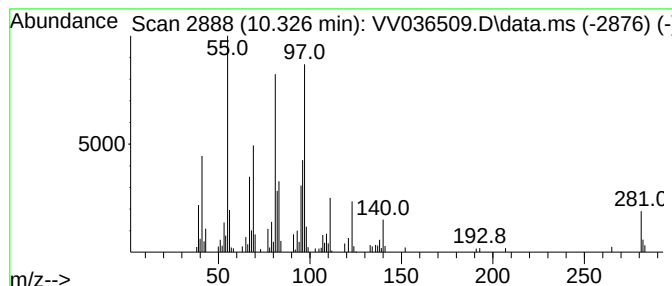
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 3-Octyne, 2,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.326	10.38 ug/L	136263	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	50
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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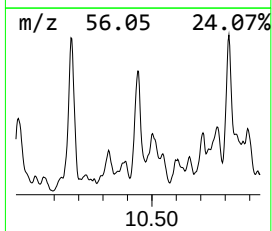
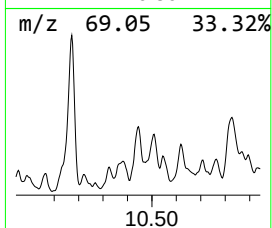
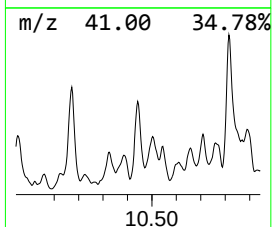
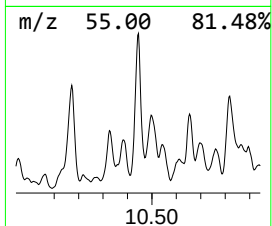
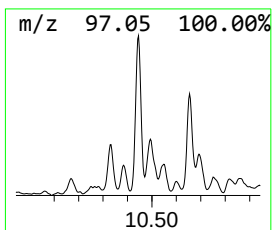
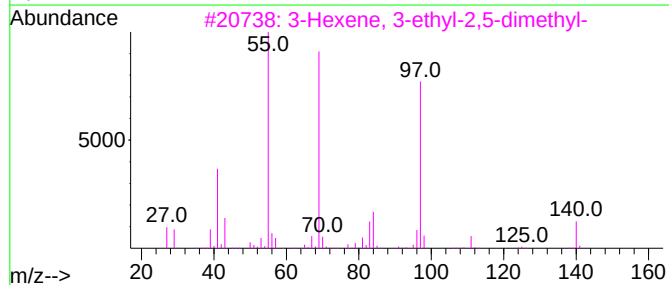
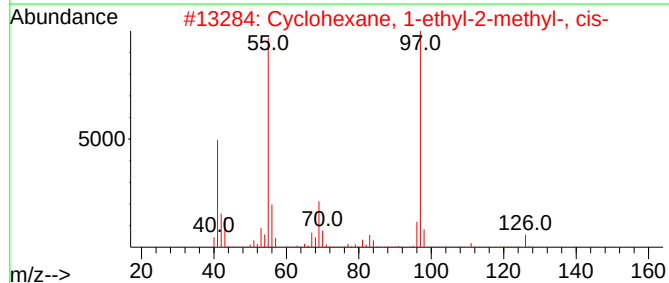
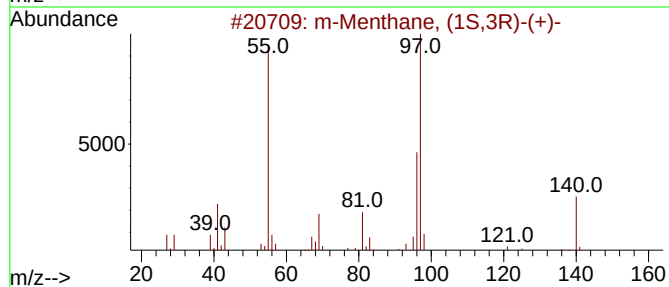
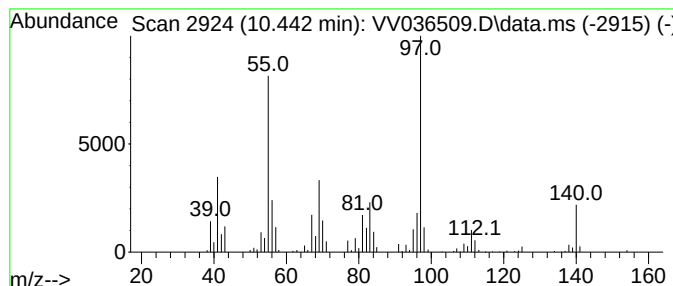
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.442	16.00 ug/L	210110	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	62
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58
3			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	58
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4D24

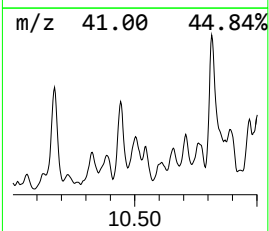
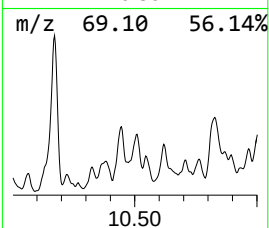
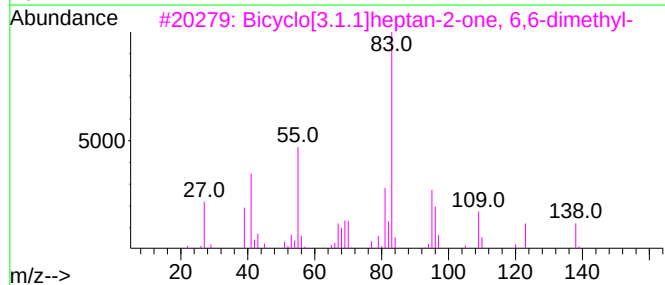
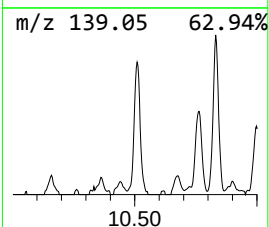
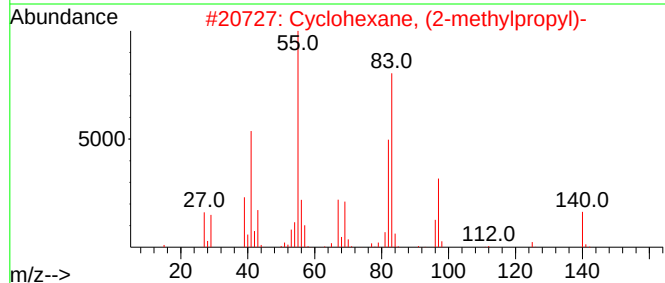
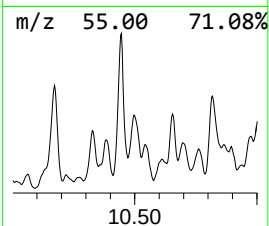
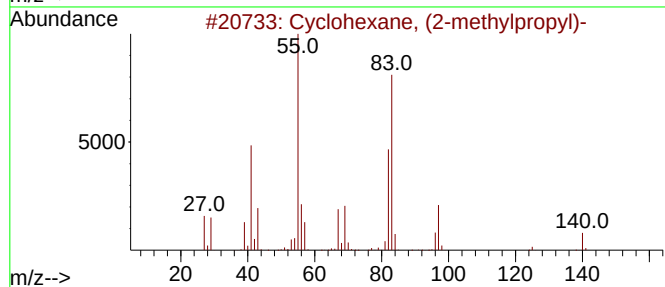
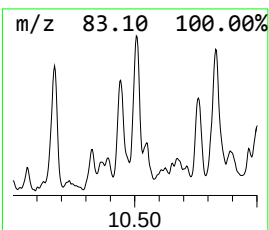
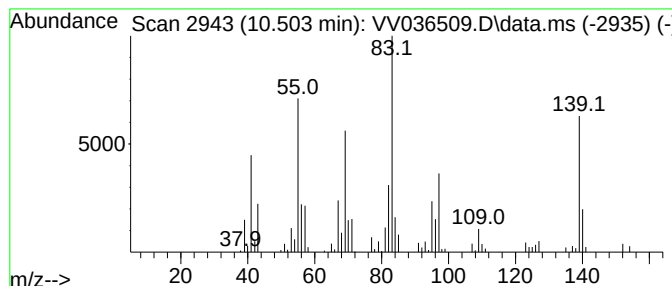
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic10.503 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.503	7.24 ug/L	95096	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
3			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	47
4			Cyclohexane, 1,1'-(1,4-butanediyl...	222	C16H30	006165-44-2	43
5			1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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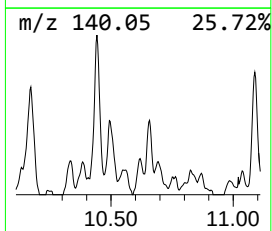
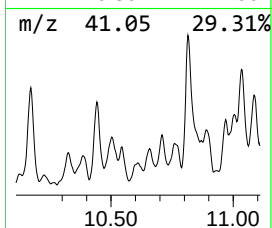
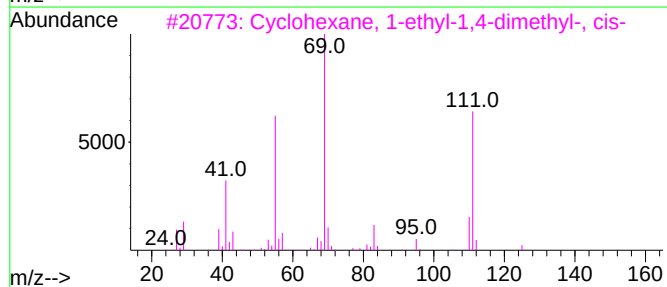
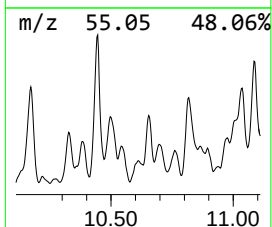
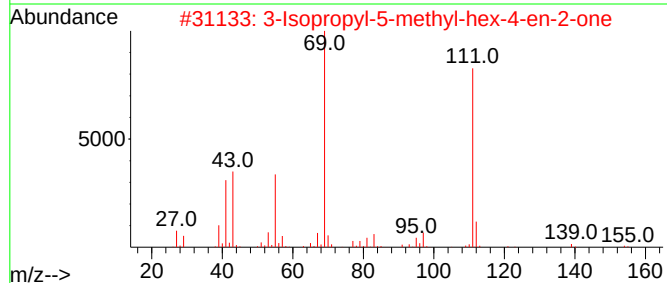
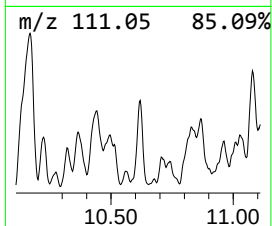
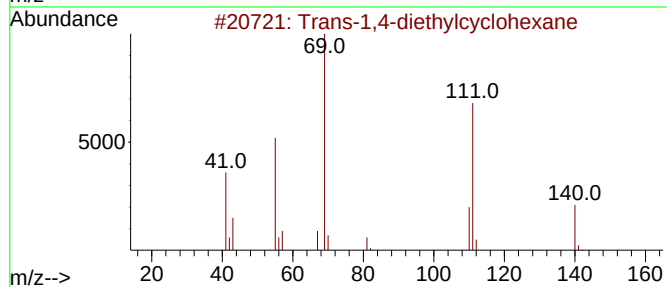
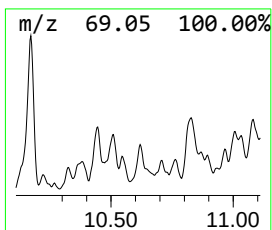
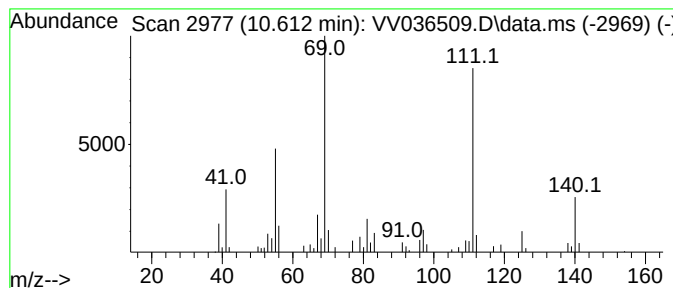
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic10.612 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.612	2.81 ug/L	36923	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	72
2			3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	64
3			Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-30-6	59
4			Cyclooctane, ethyl-	140	C10H20	013152-02-8	59
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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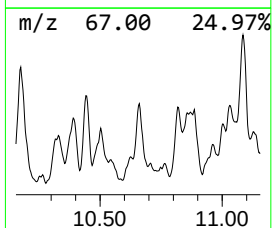
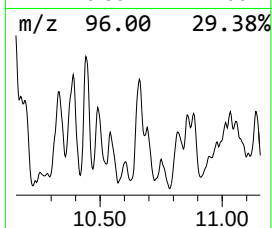
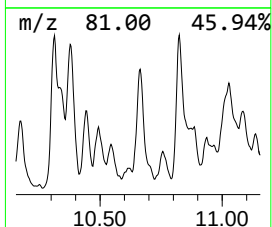
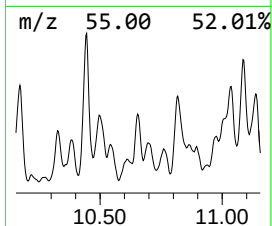
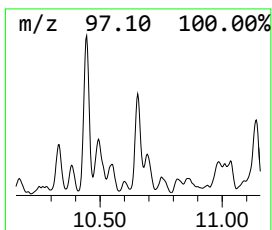
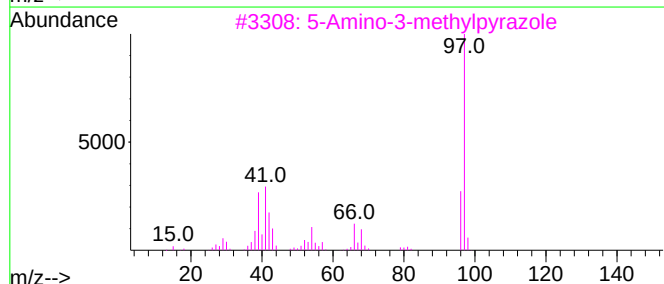
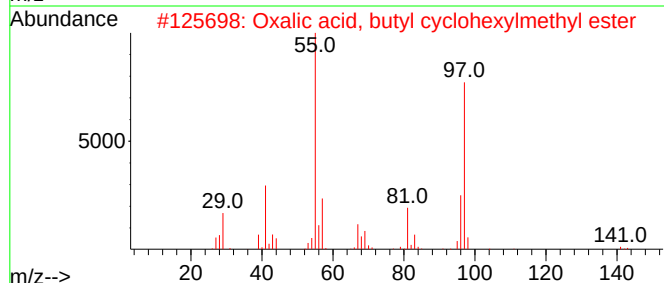
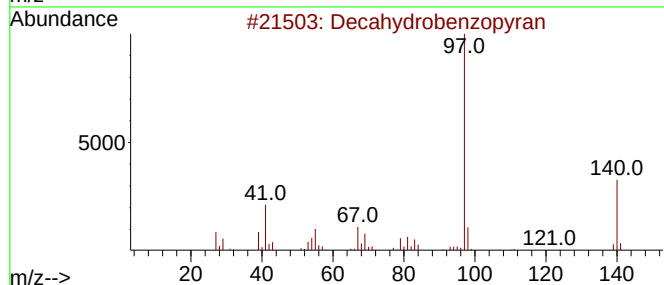
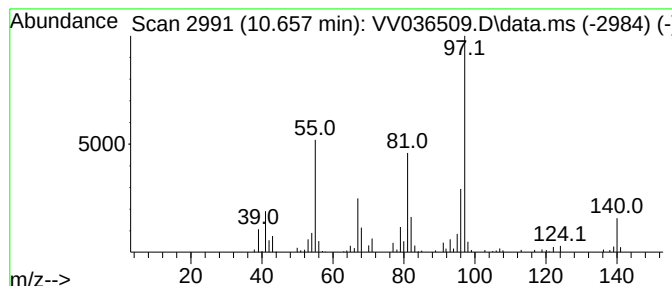
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Decahydrobenzopyran Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.657	6.95 ug/L	91222	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydrobenzopyran	140	C9H16O	1000429-74-9	64
2			Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	59
3			5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	47
4			Cycloheptane, bromo-	176	C7H13Br	002404-35-5	47
5			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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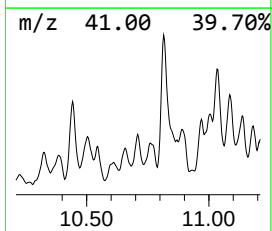
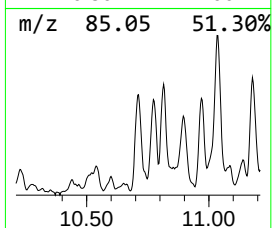
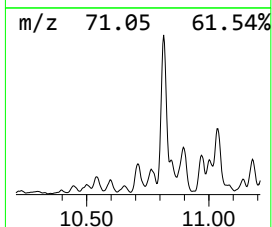
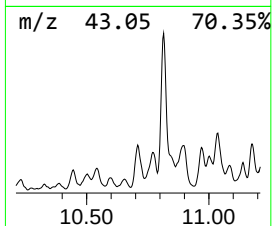
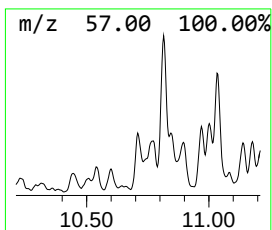
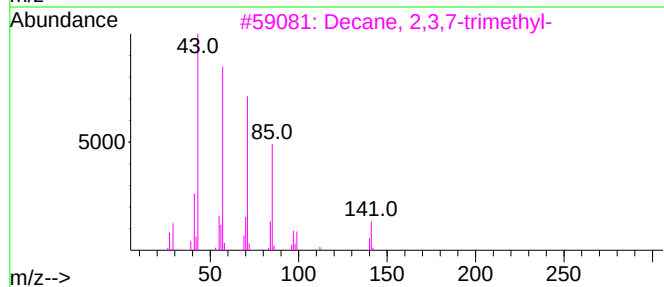
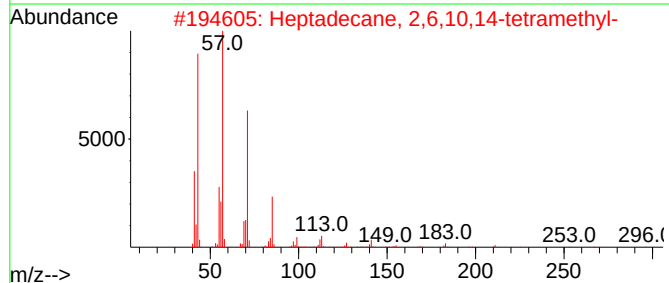
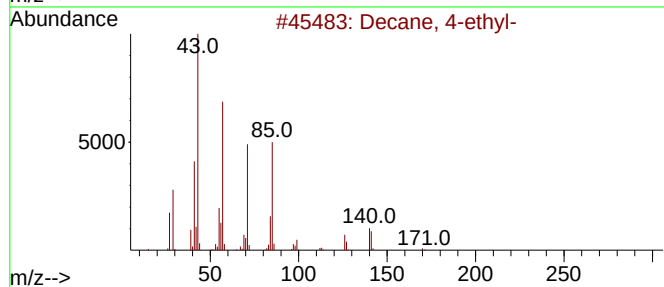
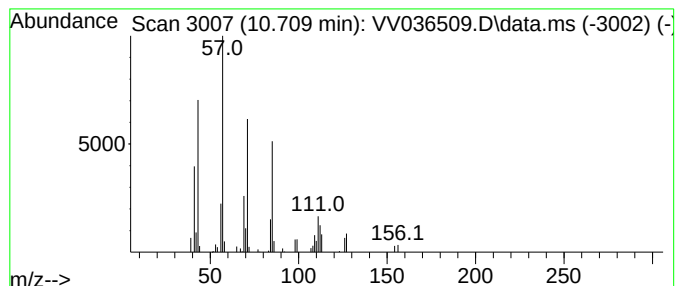
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.709	4.07 ug/L	53409	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-ethyl-	170	C12H26	001636-44-8	53
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53
3		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	50
4		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	50
5		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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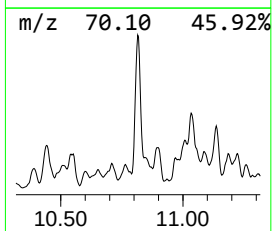
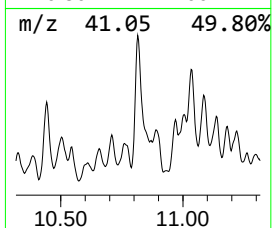
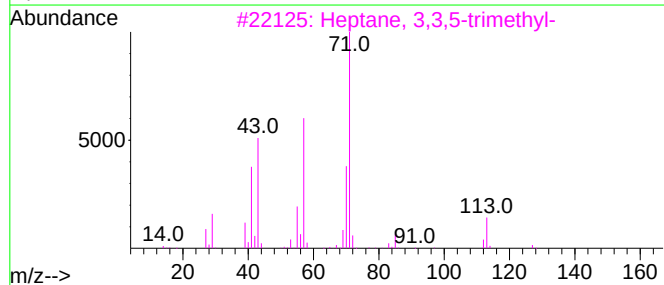
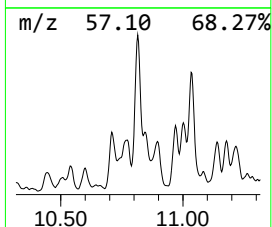
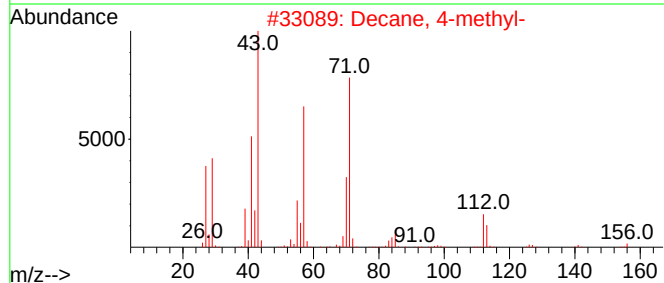
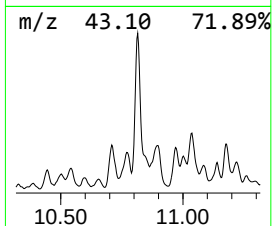
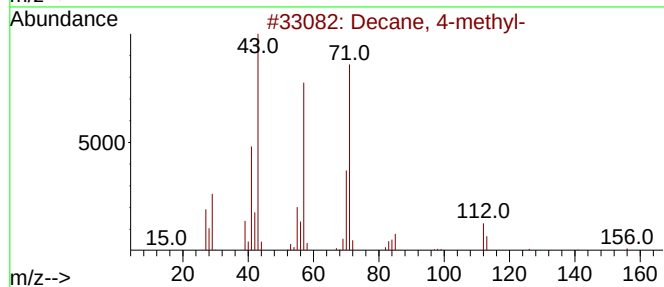
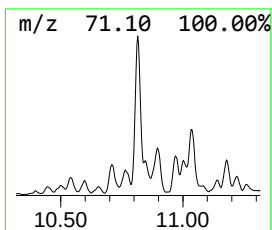
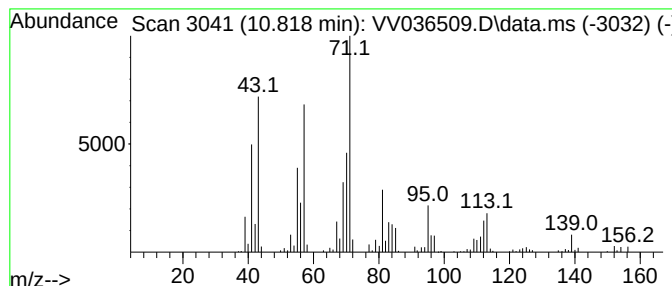
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.818	34.30 ug/L	450371	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	80
2			Decane, 4-methyl-	156	C11H24	002847-72-5	72
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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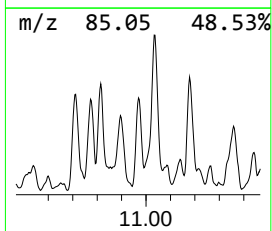
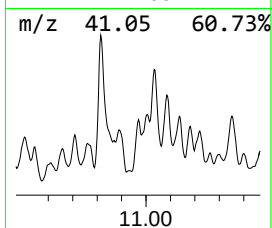
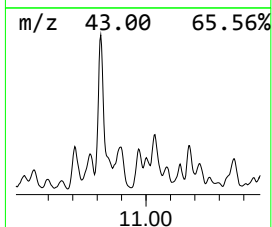
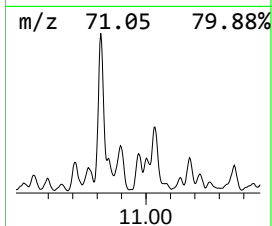
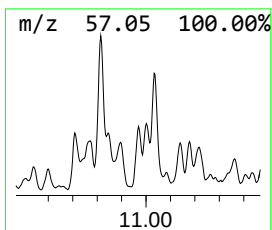
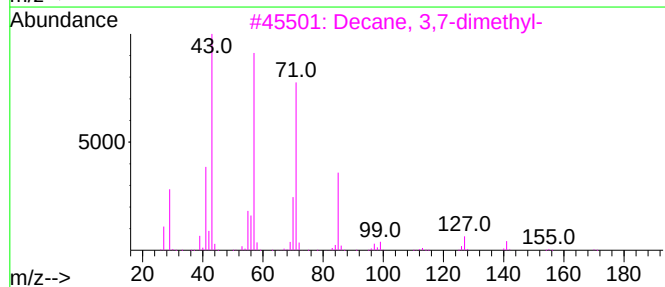
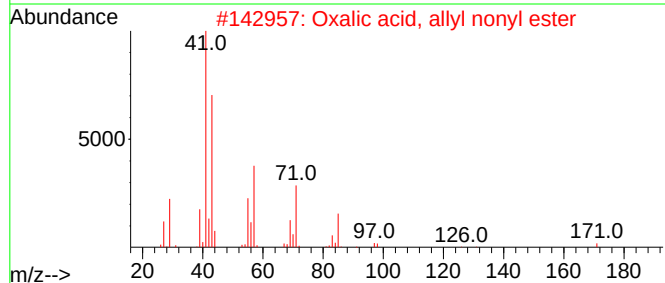
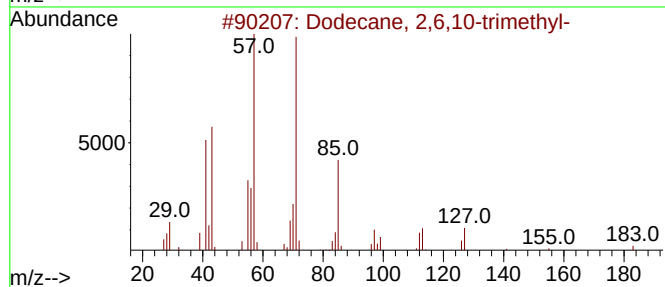
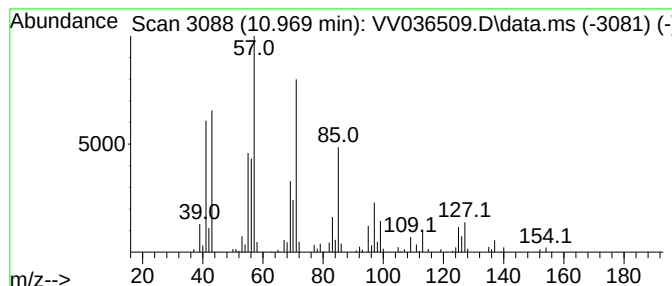
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	6.43 ug/L	84464	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2			Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	53
3			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	47
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

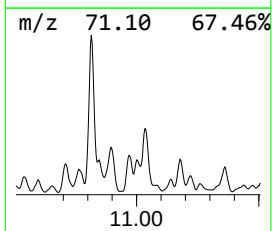
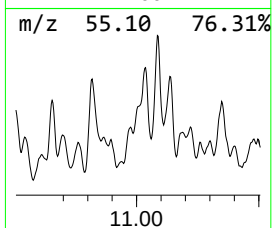
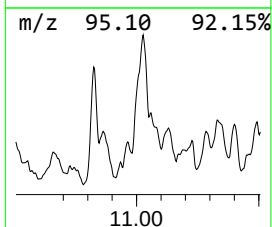
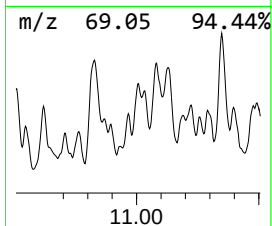
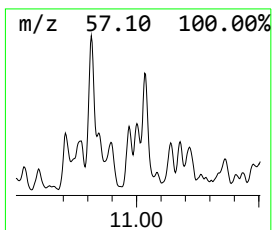
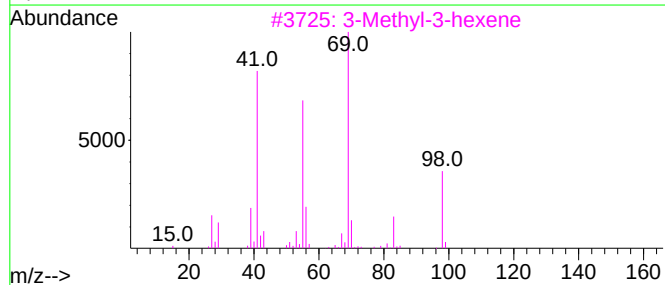
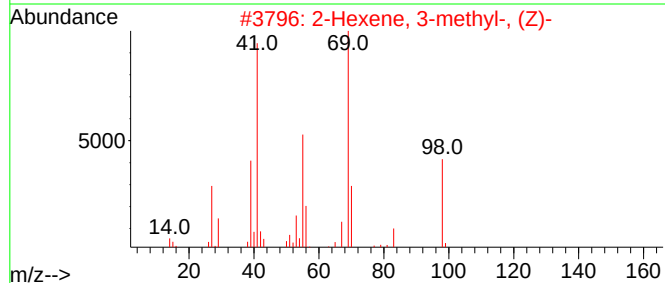
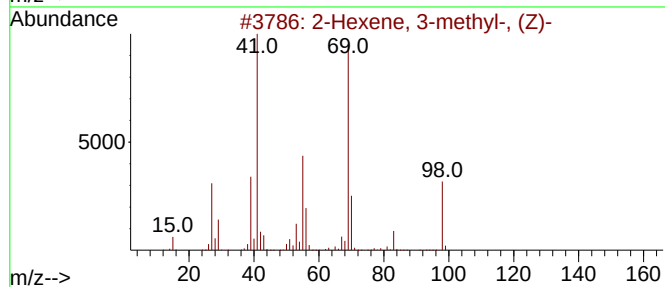
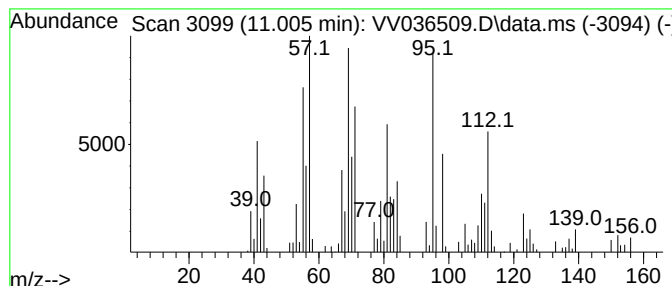
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.005	7.82 ug/L	102739	1,4-Dichlorobenzene-d4			11.185
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Hexene, 3-methyl-, (Z)-		98	C7H14	010574-36-4	25
2	2-Hexene, 3-methyl-, (Z)-		98	C7H14	010574-36-4	25
3	3-Methyl-3-hexene		98	C7H14	003404-65-7	18
4	Bicyclo[2.2.1]heptane, 2-ethyl-		124	C9H16	002146-41-0	18
5	2,4-Hexadiene, 2,5-dimethyl-		110	C8H14	000764-13-6	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

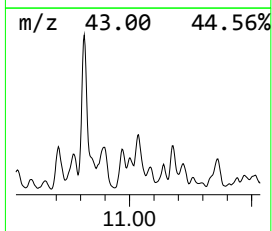
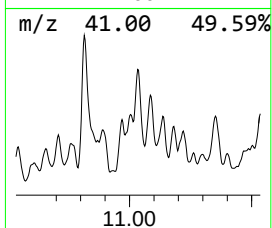
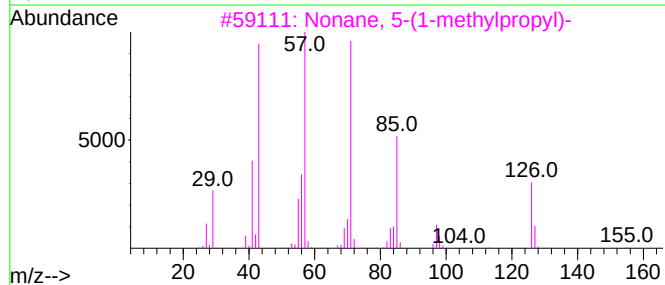
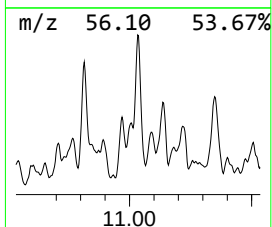
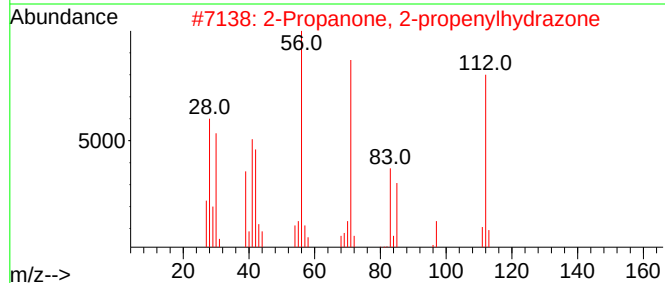
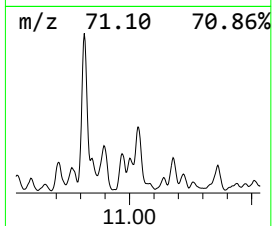
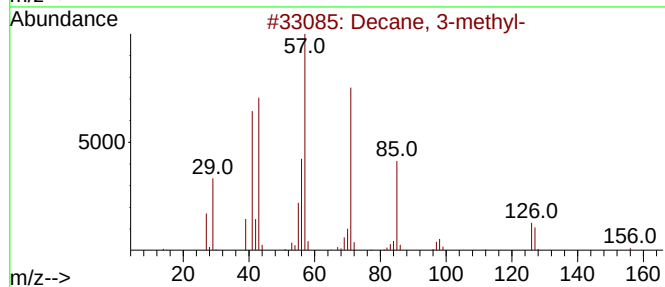
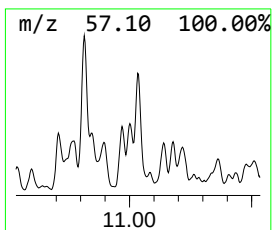
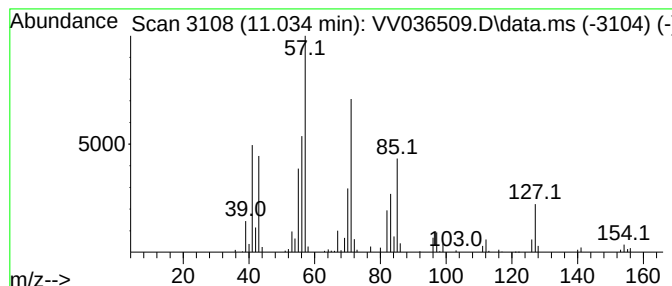
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.034	13.55 ug/L	177916	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	58
2			2-Propanone, 2-propenylhydrazone	112	C6H12N2	019031-79-9	43
3			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	43
4			Ether, heptyl hexyl	200	C13H28O	007289-40-9	35
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

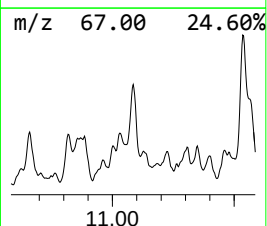
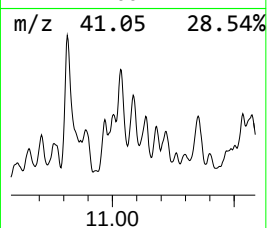
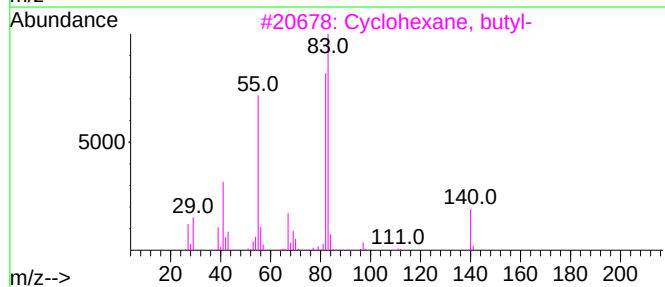
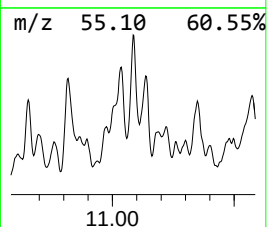
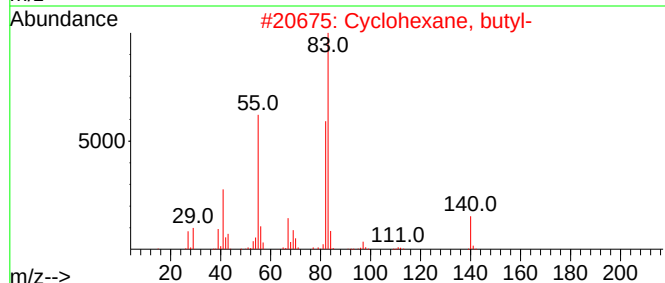
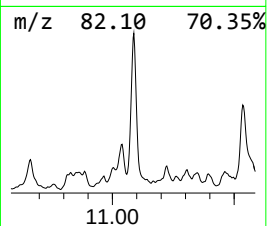
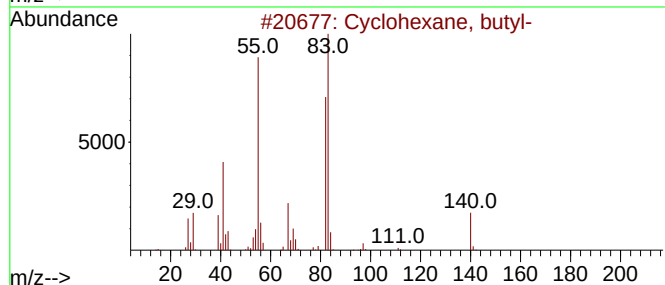
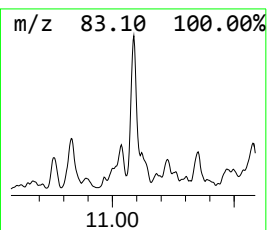
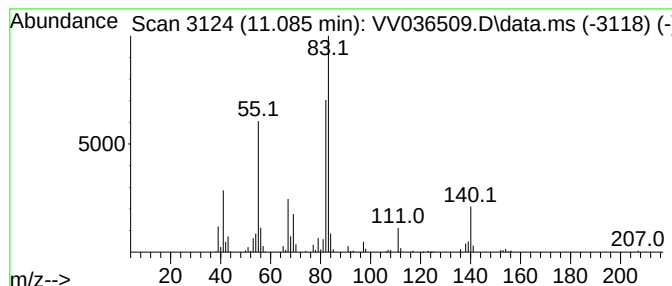
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Cyclic11.085 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.085	9.16 ug/L	120325	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	81
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

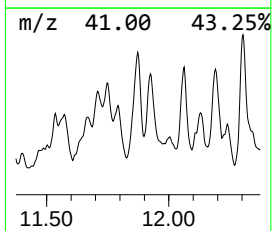
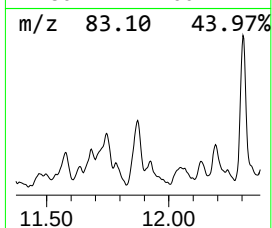
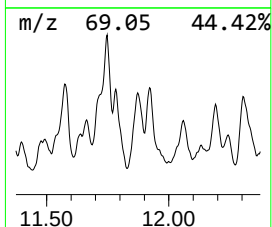
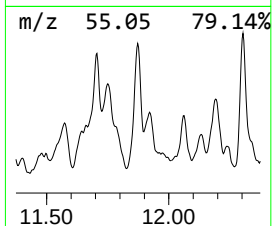
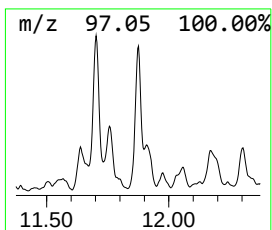
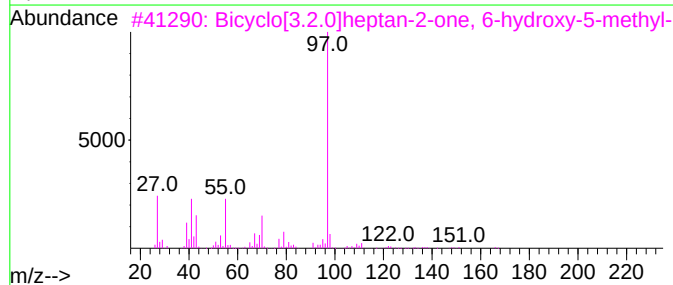
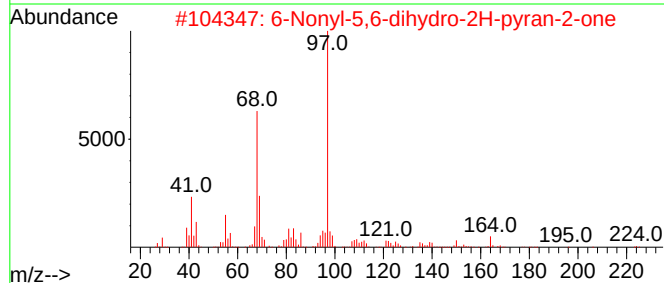
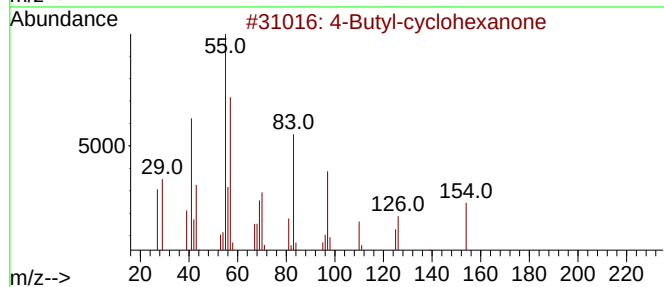
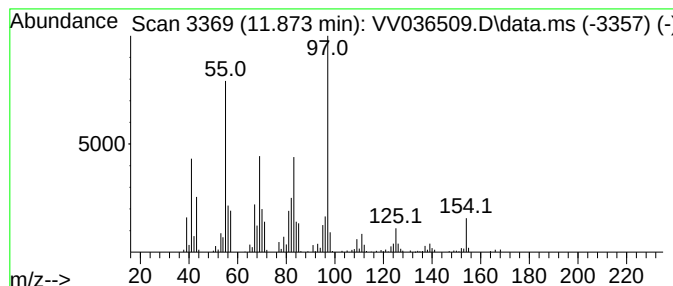
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	25.05 ug/L	328974	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	41
2			6-Nonyl-5,6-dihydro-2H-pyran-2-one	224	C14H24O2	118663-83-5	38
3			Bicyclo[3.2.0]heptan-2-one, 6-hy...	166	C10H14O2	1005276-66-3	38
4			Triallylmethylsilane	166	C10H18Si	001112-91-0	38
5			2-Pyrazoline, 1,3,4-trimethyl-	112	C6H12N2	014044-41-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

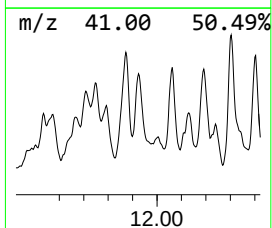
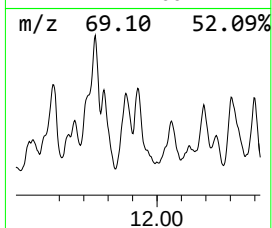
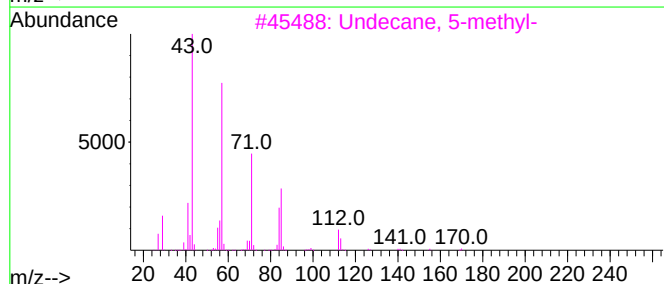
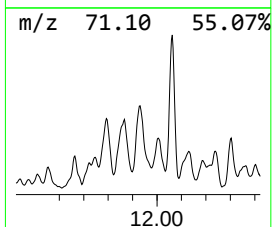
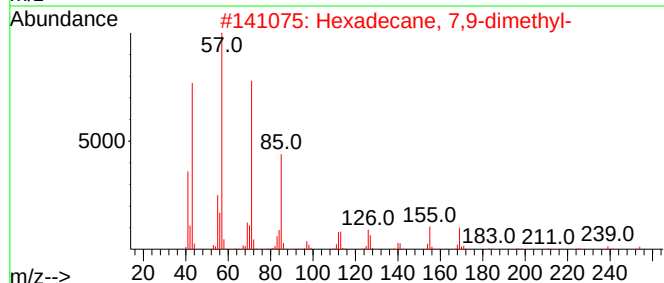
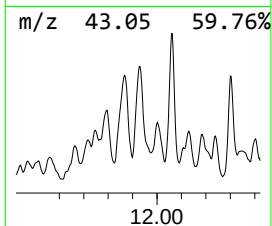
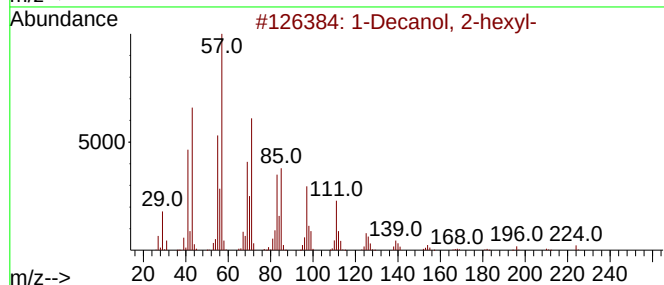
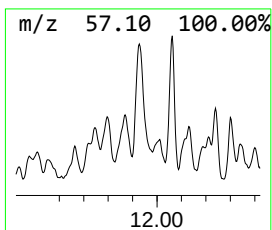
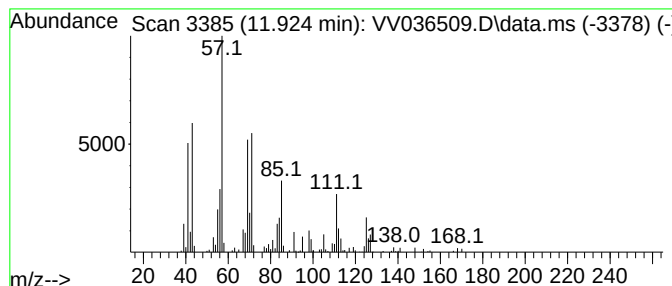
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 1-Decanol, 2-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.924	14.65 ug/L	192400	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	86
2			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	50
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	49
4			Allyl n-octyl ether	170	C11H22O	003295-97-4	49
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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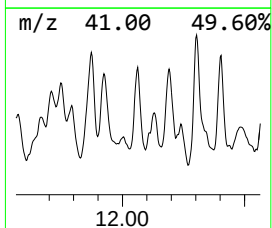
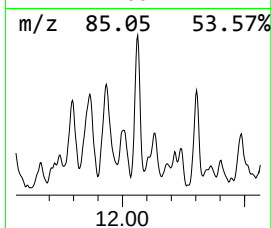
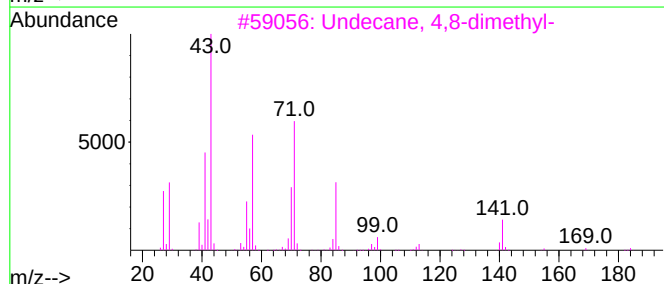
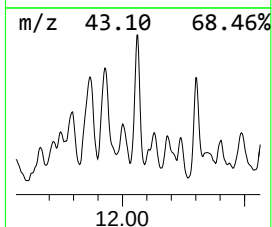
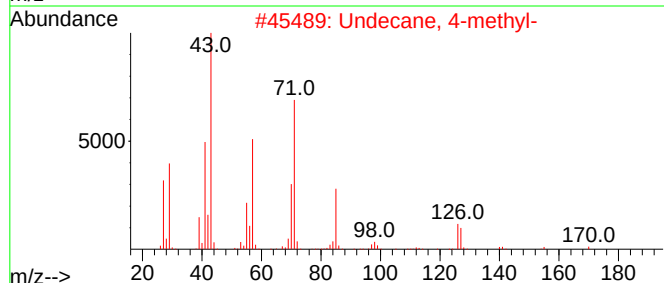
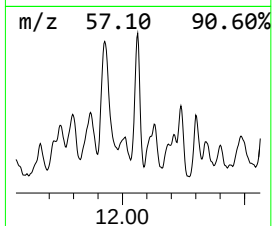
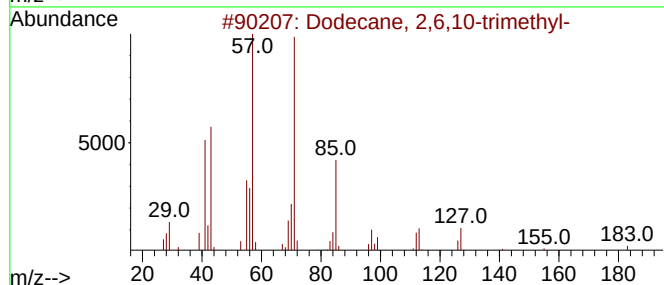
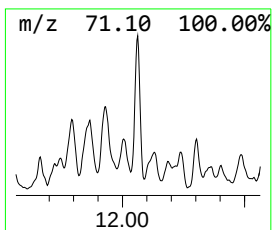
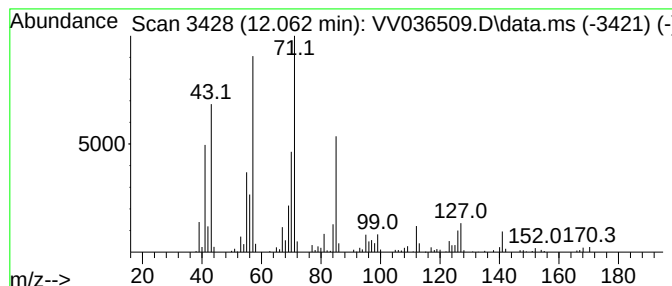
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	11.58 ug/L	152058	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2			Undecane, 4-methyl-	170	C12H26	002980-69-0	72
3			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
4			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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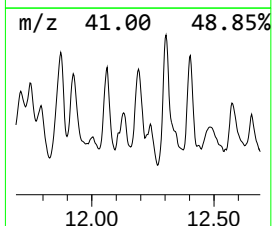
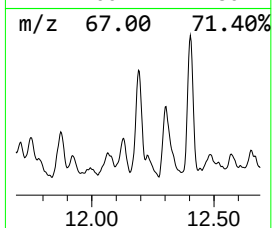
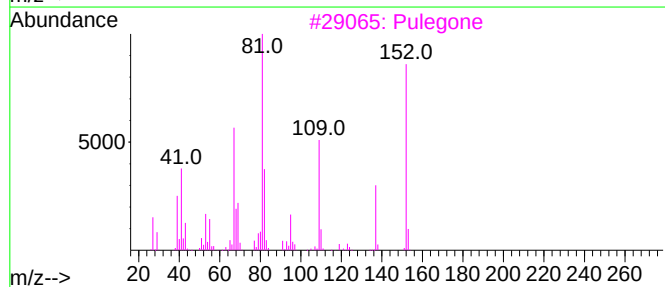
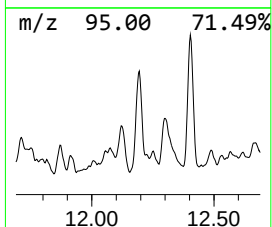
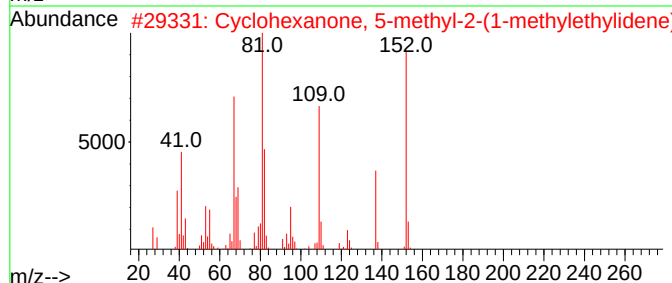
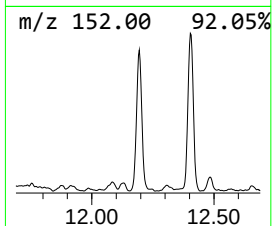
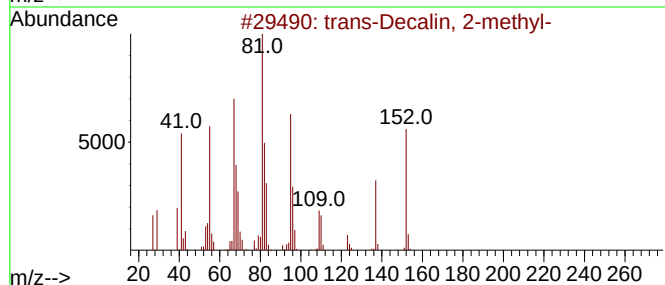
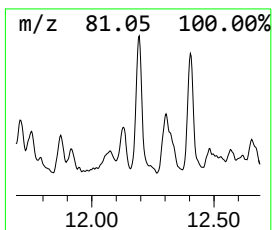
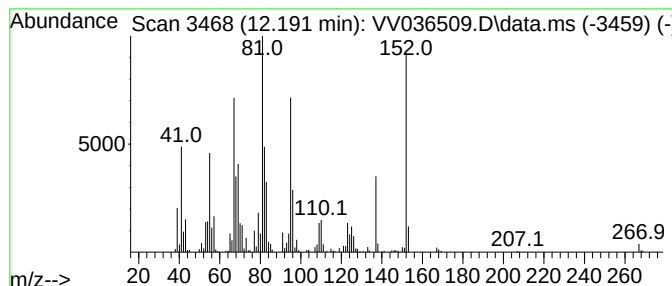
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.191	20.78 ug/L	272833	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	90
3			Pulegone	152	C10H16O	000089-82-7	81
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	74
5			Pulegone	152	C10H16O	000089-82-7	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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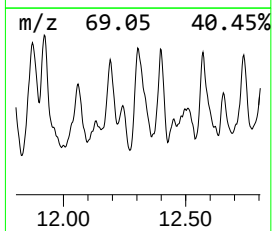
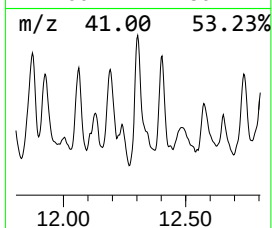
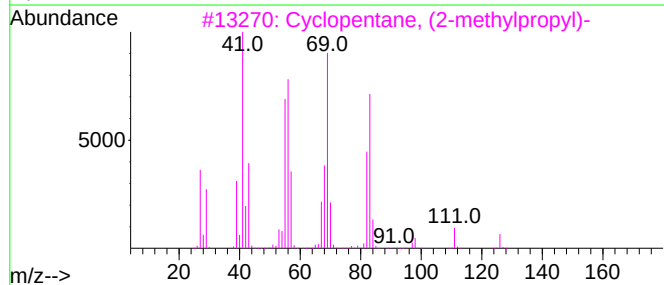
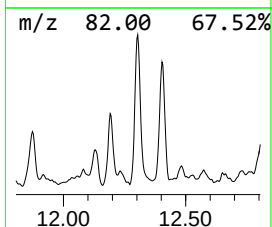
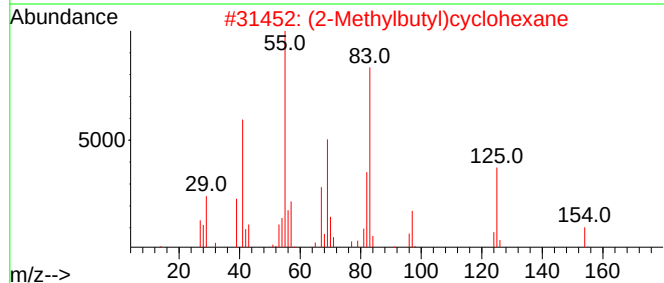
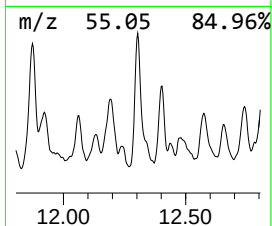
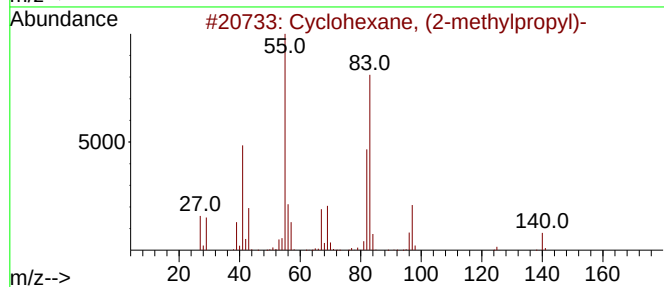
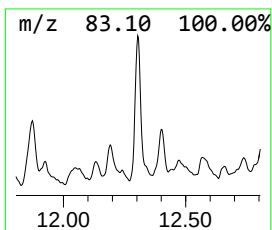
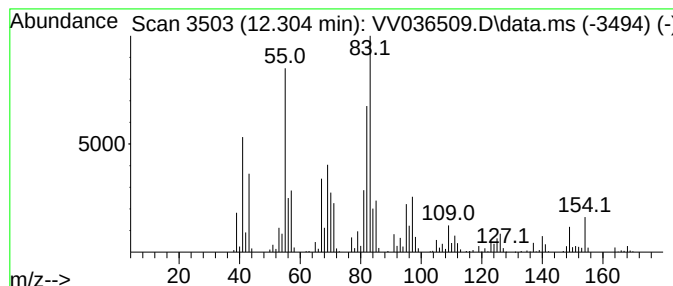
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Cyclic12.304 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	37.54 ug/L	492934	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
2			(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	52
3			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	49
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

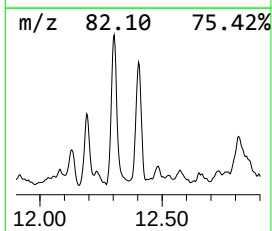
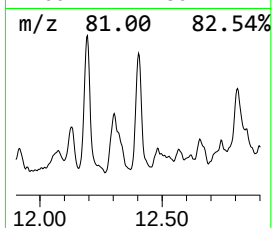
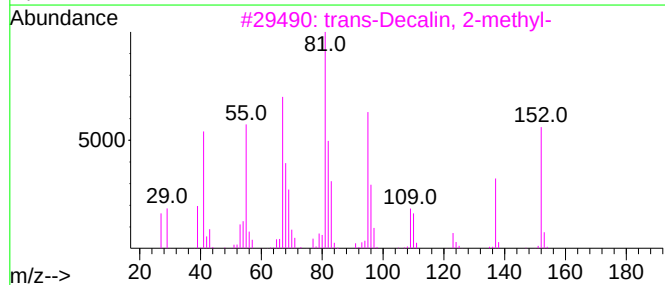
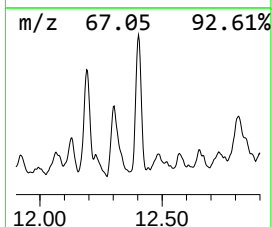
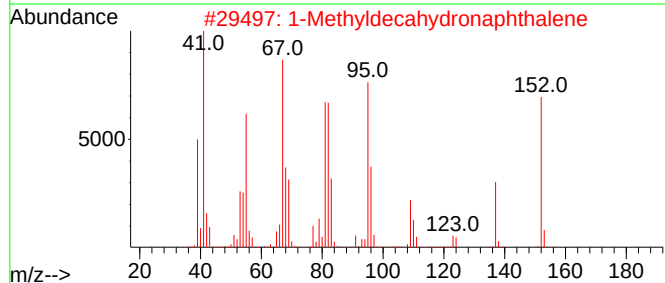
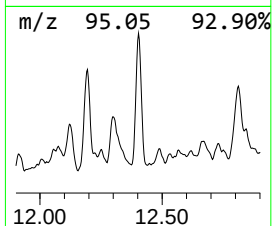
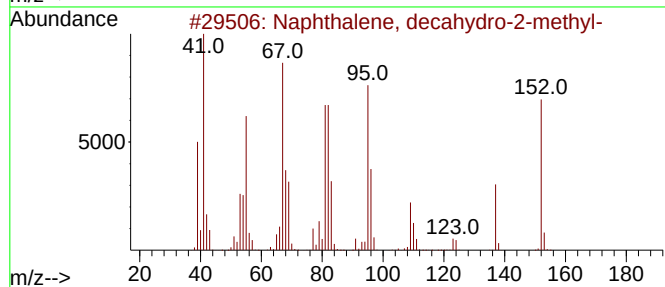
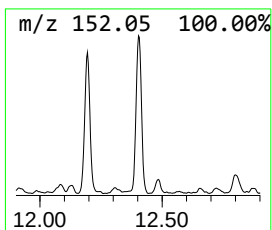
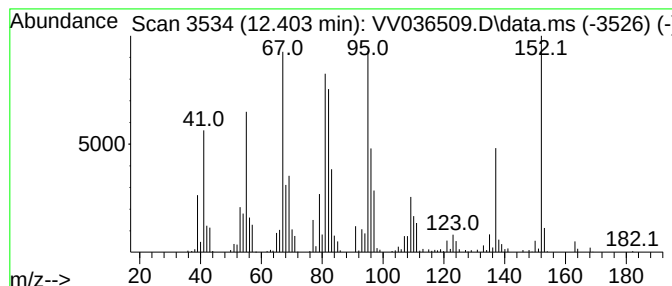
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	25.27 ug/L	331848	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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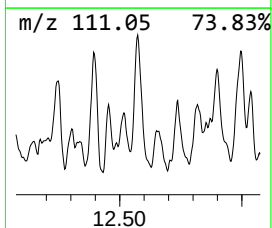
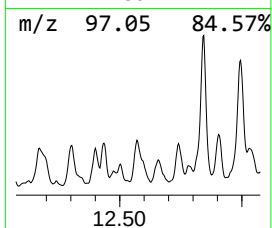
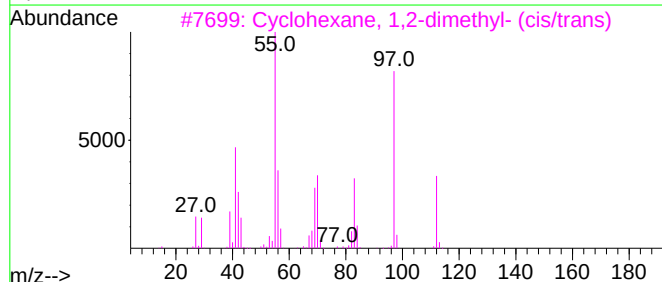
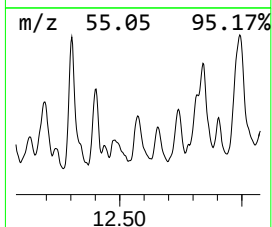
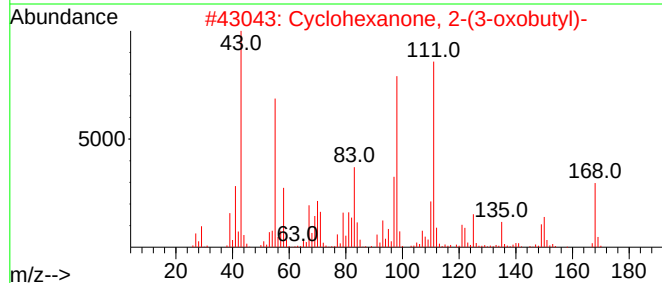
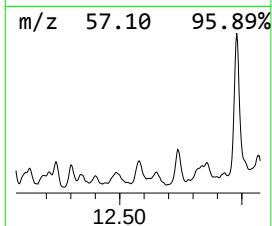
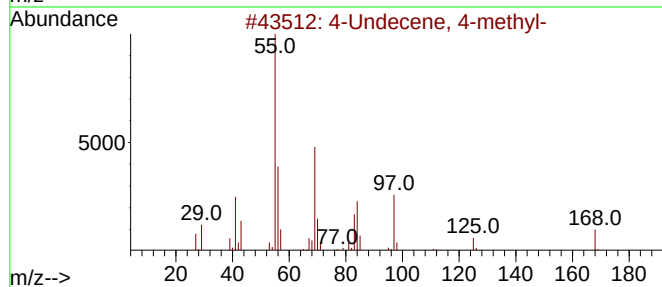
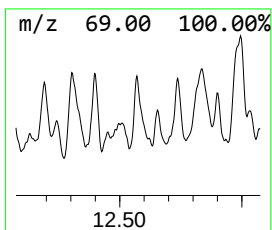
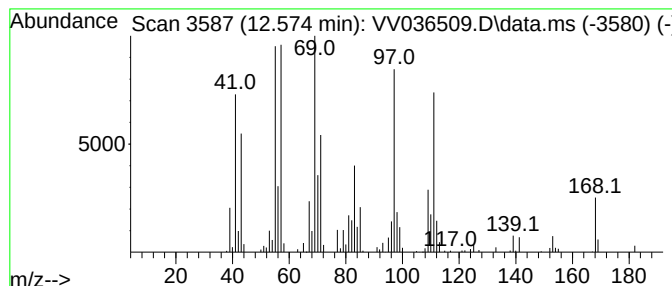
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	10.99 ug/L	144322	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Undecene, 4-methyl-	168	C12H24	061142-40-3	60
2		Cyclohexanone, 2-(3-oxobutyl)-	168	C10H16O2	026942-62-1	38
3		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	35
4		3-Heptene, 4-propyl-	140	C10H20	004485-13-6	30
5		Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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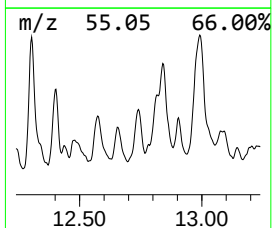
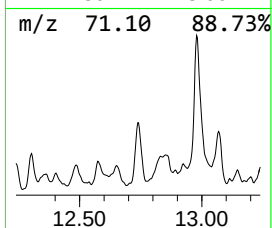
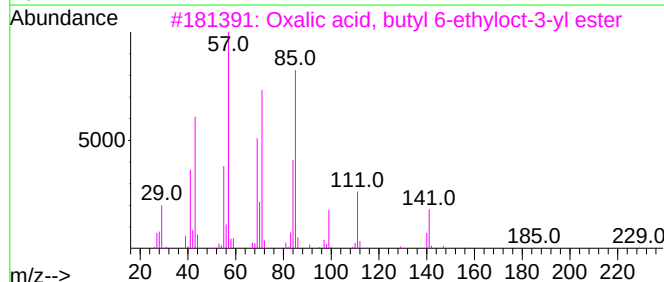
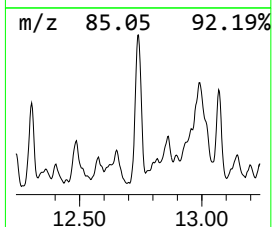
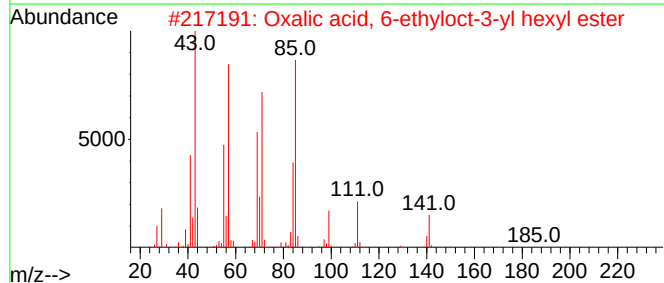
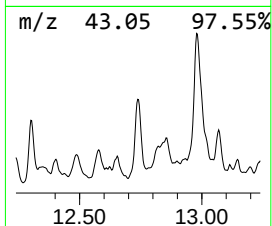
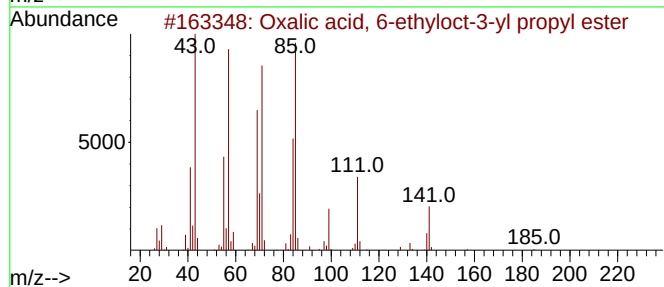
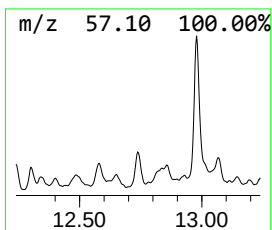
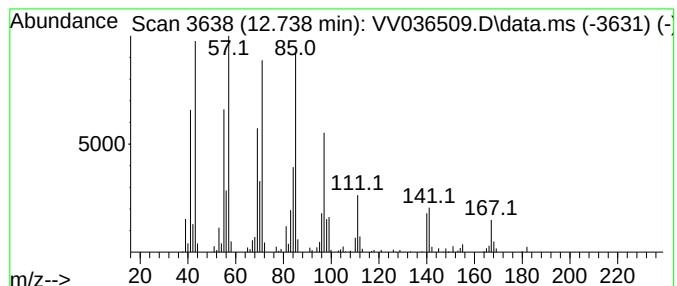
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.738	12.15 ug/L	159530	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	74
2			Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	74
3			Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	72
4			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	72
5			Carbonic acid, decyl nonyl ester	328	C20H40O3	1000383-15-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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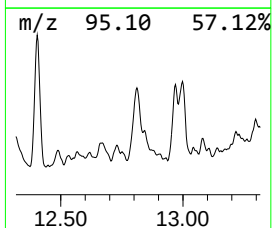
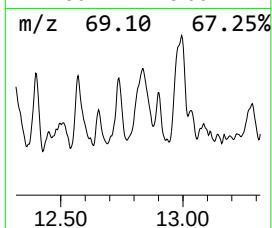
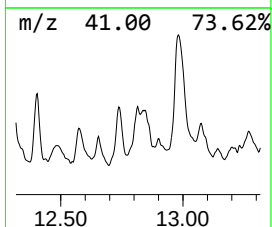
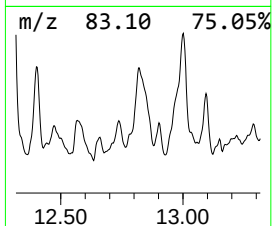
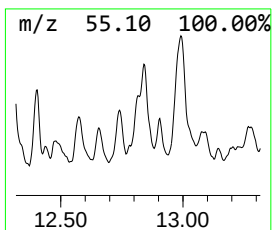
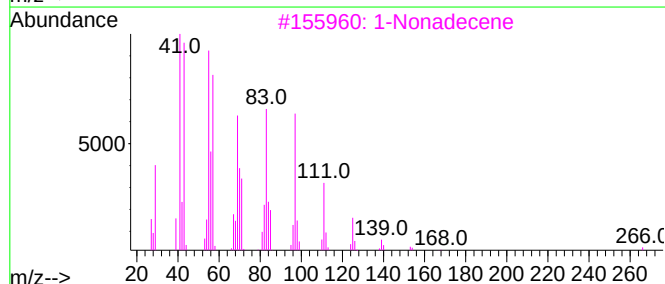
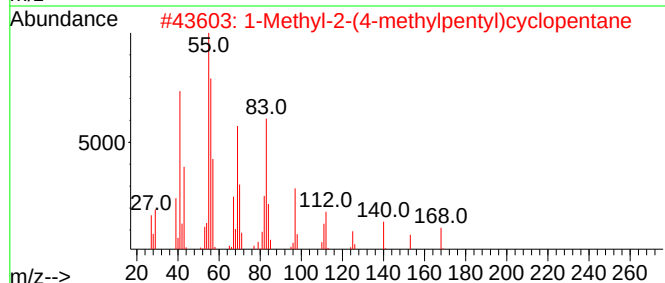
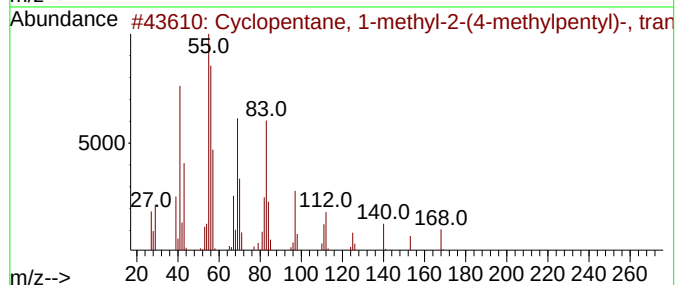
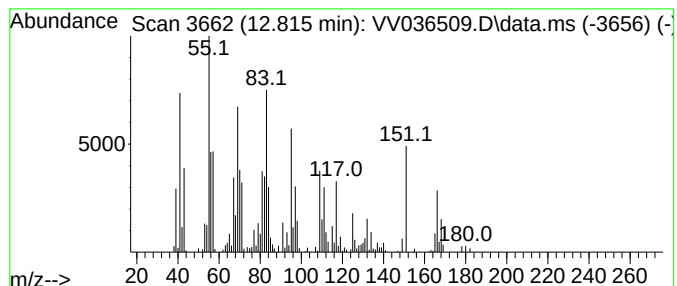
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Cyclic12.815 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.815	8.95 ug/L	117586	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-(4-meth...	168	C12H24	066553-50-2	50
2			1-Methyl-2-(4-methylpentyl)cyclo...	168	C12H24	1000113-60-1	45
3			1-Nonadecene	266	C19H38	018435-45-5	43
4			1-Octadecanol	270	C18H38O	000112-92-5	43
5			Cyclododecane	168	C12H24	000294-62-2	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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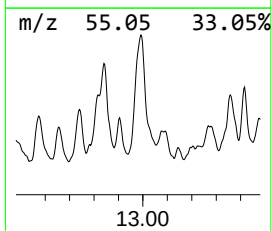
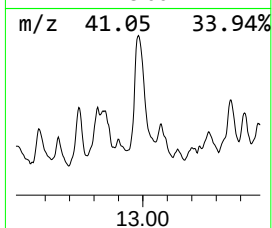
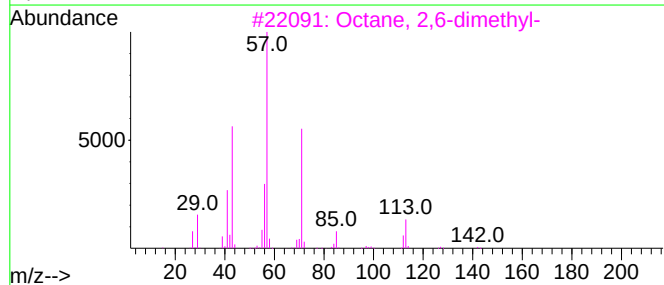
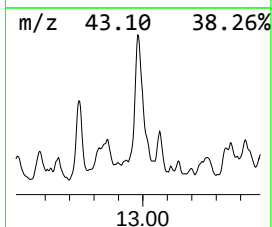
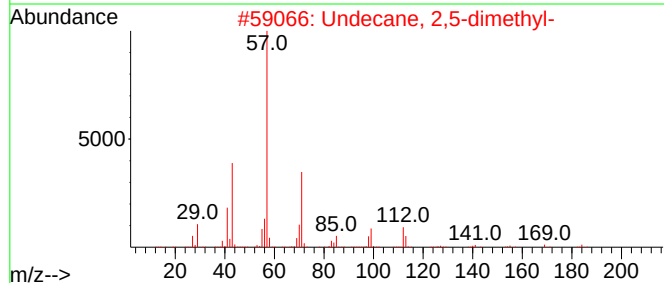
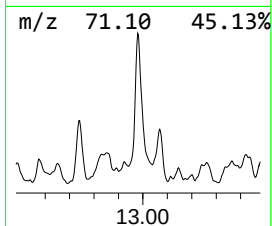
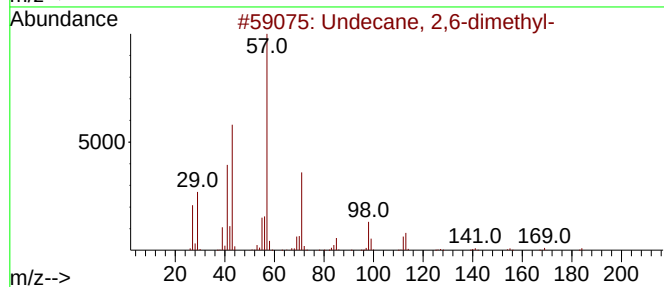
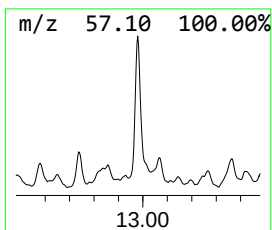
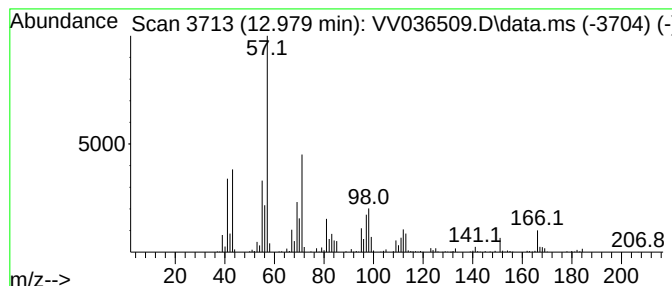
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.979	54.17 ug/L	711315	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	45
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
4			Heptane, 3-[(ethenyl)oxy)methyl]-	156	C10H20O	000103-44-6	38
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

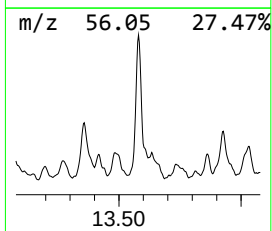
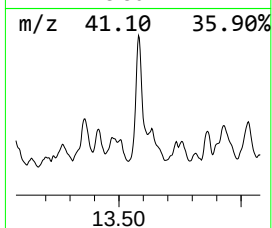
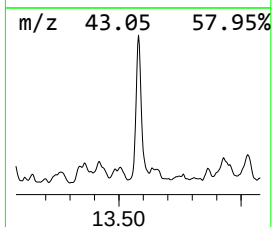
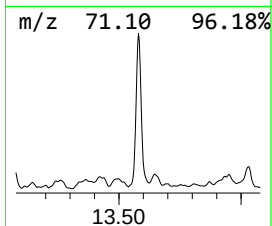
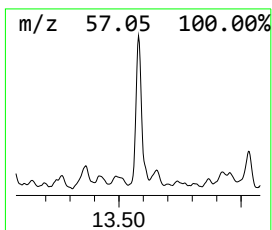
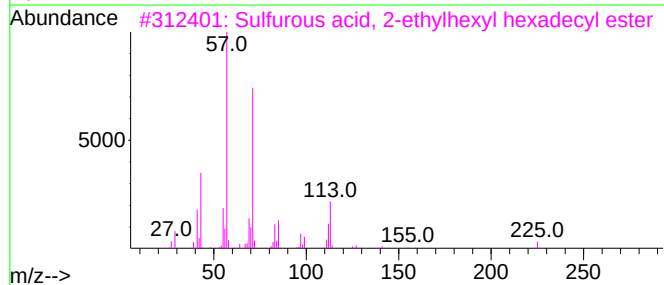
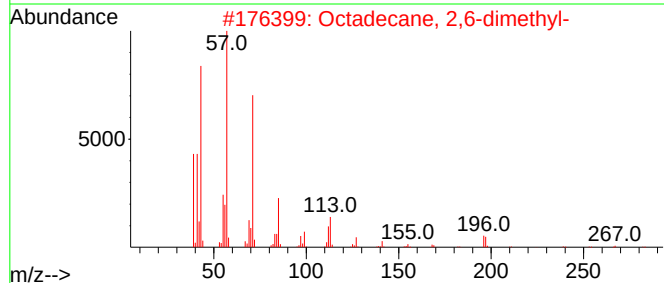
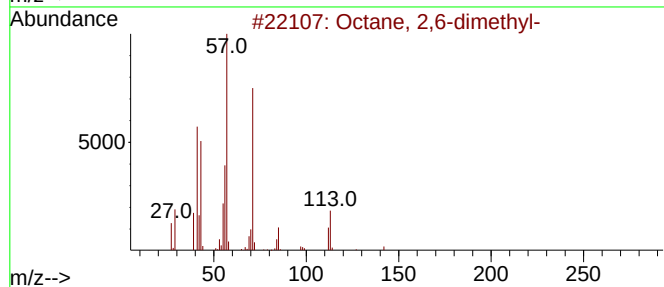
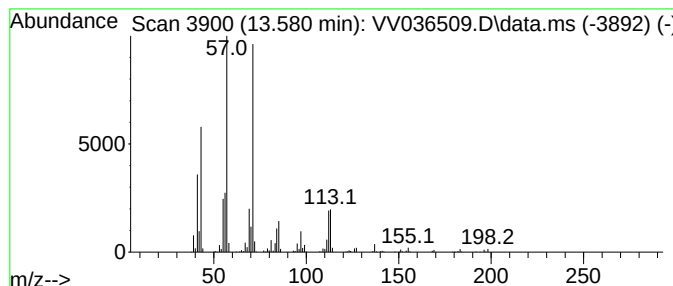
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.580	38.96 ug/L	511650	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
3			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
4			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	64
5			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

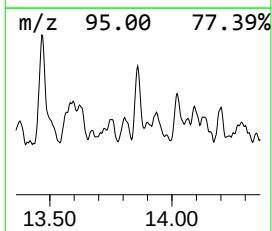
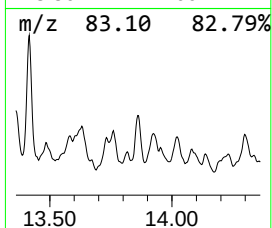
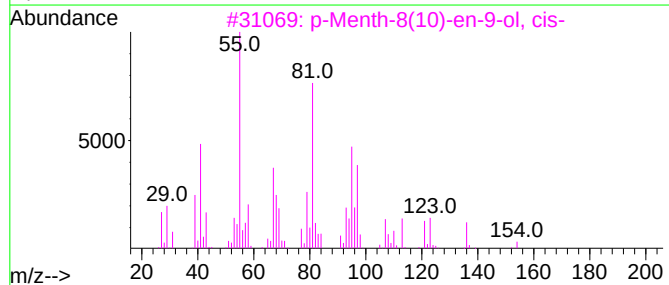
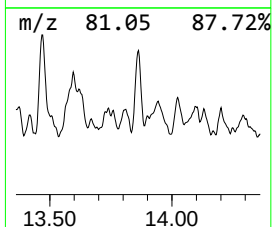
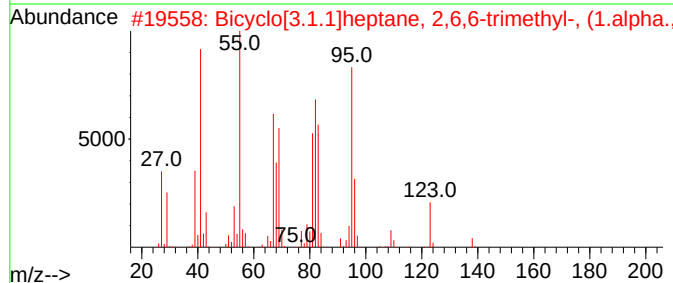
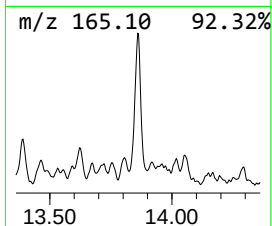
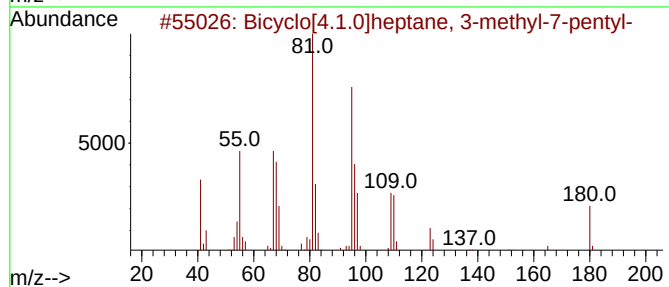
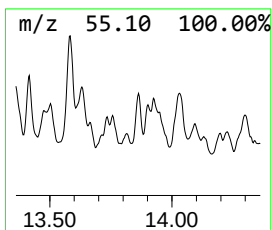
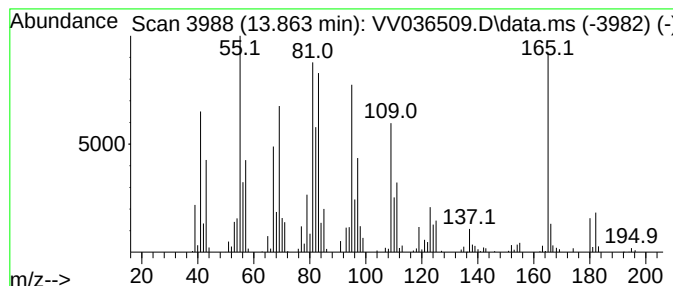
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 unknown-05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	9.26 ug/L	121629	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	38
2			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	38
3			p-Menth-8(10)-en-9-ol, cis-	154	C10H18O	015714-13-3	30
4			(-)-trans-Pinane	138	C10H18	033626-25-4	30
5			cis,cis-1,9-Dimethylspiro[5.5]un...	180	C13H24	1000111-73-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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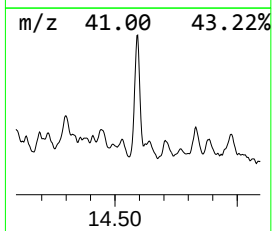
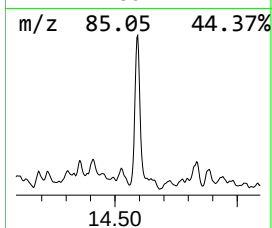
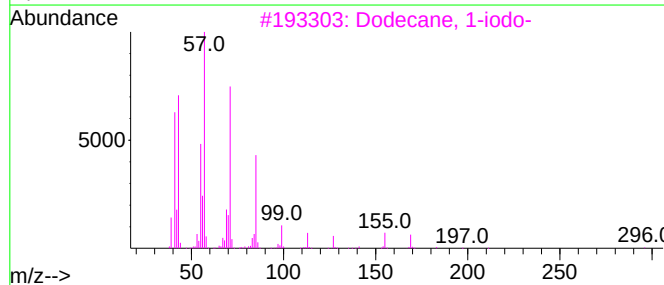
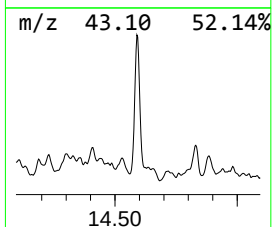
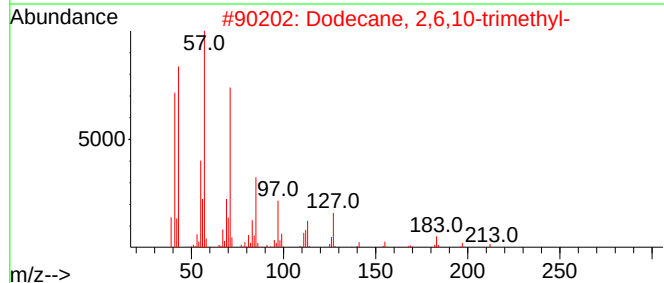
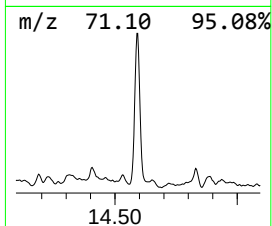
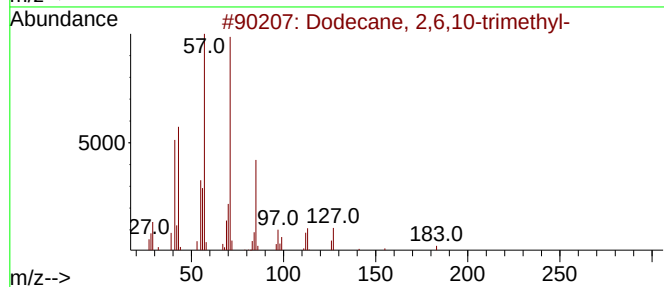
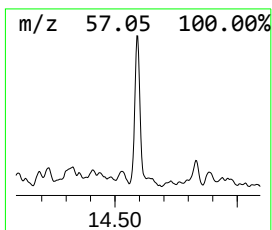
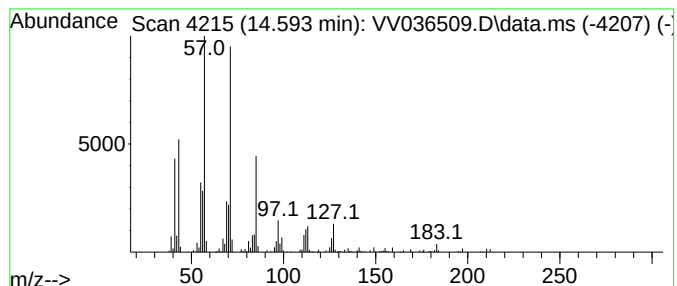
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.593	22.47 ug/L	295067	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

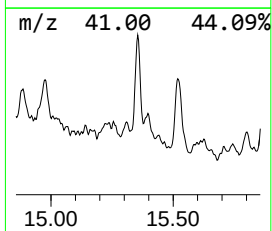
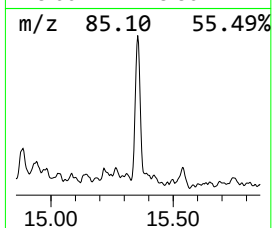
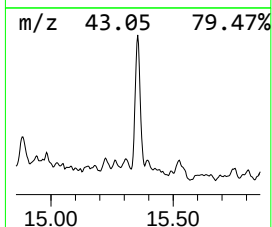
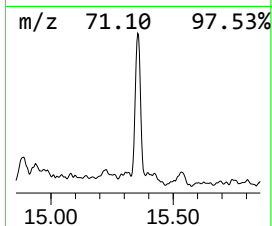
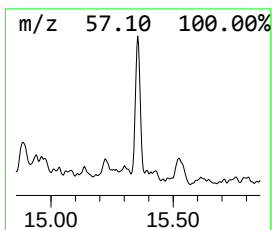
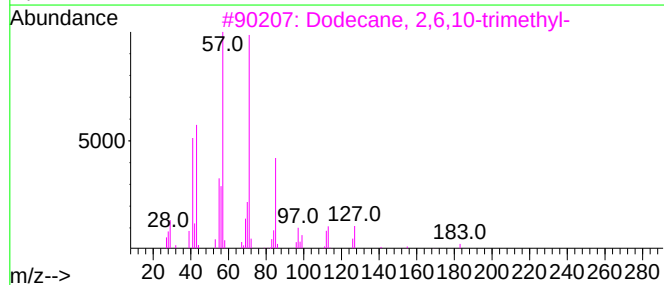
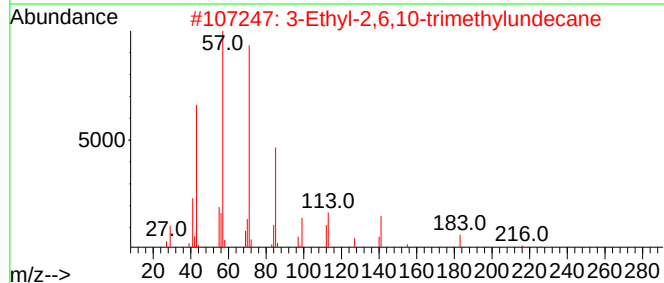
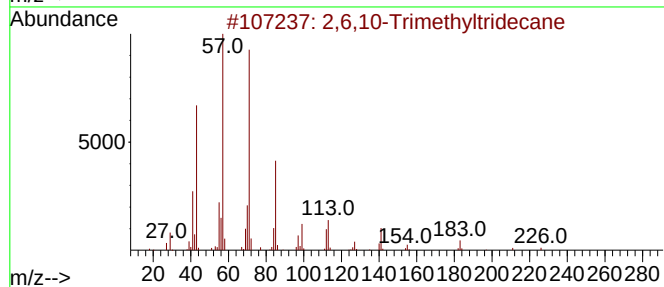
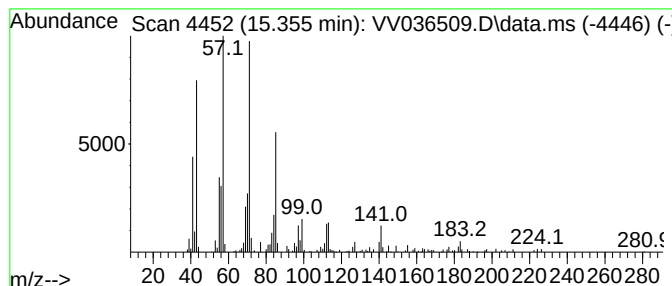
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.355	9.09 ug/L	119379	1,4-Dichlorobenzene-d4	11.185

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	98	
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	95	
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86	
4	Hexadecane	226	C16H34	000544-76-3	80	
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036509.D
Acq On : 12 Jul 2024 15:49
Operator : SY/MD
Sample : P3215-11
Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D24

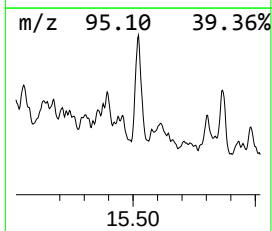
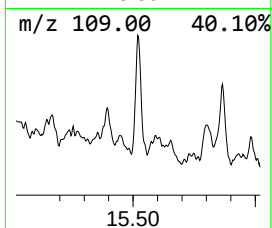
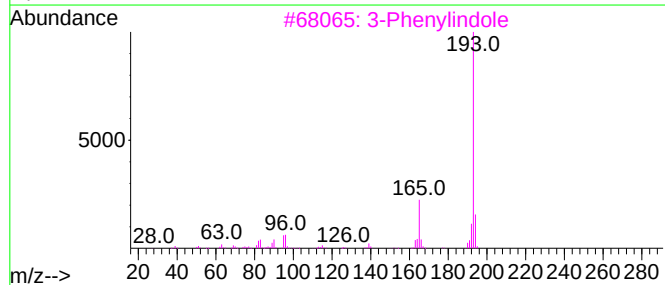
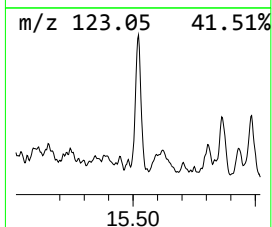
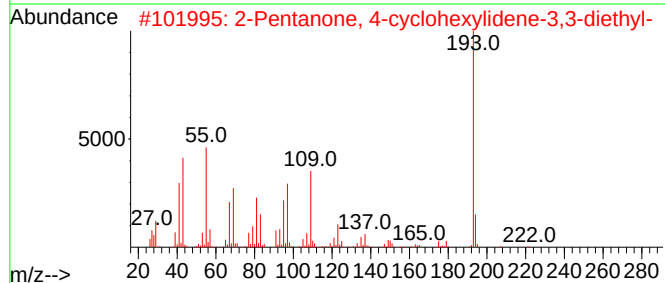
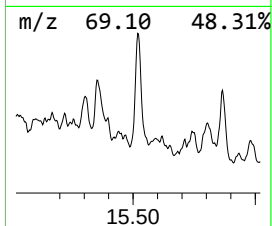
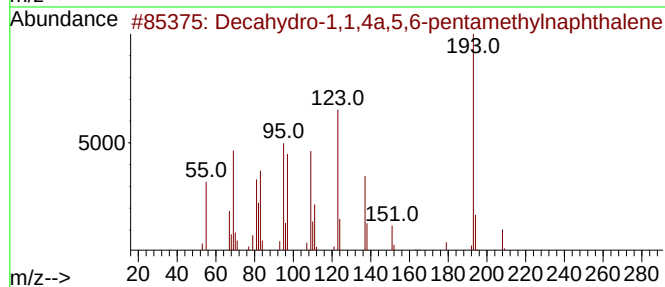
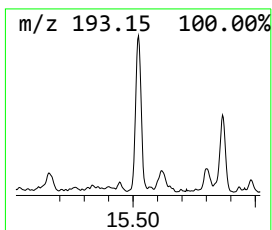
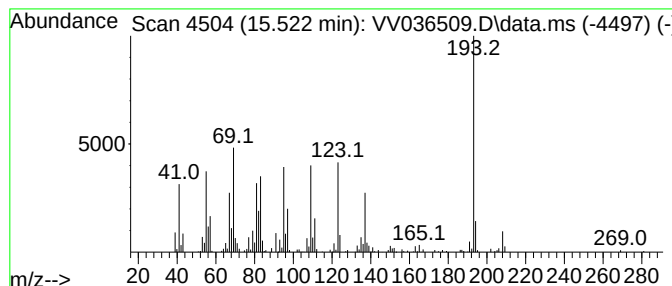
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.522	14.68 ug/L	192806	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	80
2			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	27
3			3-Phenylindole	193	C14H11N	001504-16-1	22
4			Acetylene, 1-(2-aminophenyl)-2-p...	193	C14H11N	1000380-73-4	22
5			3-pyridinamine, 2-(1H-1,2,4-tria...	193	C7H7N5S	1000400-27-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071224\
 Data File : VW036509.D
 Acq On : 12 Jul 2024 15:49
 Operator : SY/MD
 Sample : P3215-11
 Misc : 4.57g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	7.188	2.6	ug/L	51237	2	8.783	482968	25.0
(DEL) Alkane: C...	8.153	1.4	ug/L	26579	2	8.783	482968	25.0
(DEL) Alkane: C...	8.217	2.4	ug/L	45794	2	8.783	482968	25.0
(DEL) Alkane: C...	8.278	4.9	ug/L	94490	2	8.783	482968	25.0
(DEL) Alkane: C...	8.436	1.4	ug/L	27354	2	8.783	482968	25.0
(DEL) Alkane: C...	8.522	3.9	ug/L	75432	2	8.783	482968	25.0
(DEL) Alkane: C...	8.921	1.8	ug/L	34585	2	8.783	482968	25.0
(DEL) Alkane: C...	9.037	3.6	ug/L	70300	2	8.783	482968	25.0
(DEL) Alkane: C...	9.085	4.4	ug/L	84439	2	8.783	482968	25.0
(DEL) Alkane: C...	9.127	3.2	ug/L	61826	2	8.783	482968	25.0
unknown-01	9.246	2.9	ug/L	55035	2	8.783	482968	25.0
(DEL) Alkane: C...	9.407	8.4	ug/L	162849	2	8.783	482968	25.0
(DEL) Alkane: S...	9.513	1.6	ug/L	31151	2	8.783	482968	25.0
(DEL) Alkane: S...	9.641	13.7	ug/L	265146	2	8.783	482968	25.0
(DEL) Alkane: C...	9.731	6.4	ug/L	123675	2	8.783	482968	25.0
(DEL) Alkane: S...	9.783	10.7	ug/L	207205	2	8.783	482968	25.0
(DEL) Alkane: C...	9.844	3.0	ug/L	57070	2	8.783	482968	25.0
unknown-02	9.908	2.9	ug/L	55280	2	8.783	482968	25.0
(DEL) Alkane: S...	9.950	5.7	ug/L	110143	2	8.783	482968	25.0
unknown-03	10.059	3.5	ug/L	45704	3	11.185	328292	25.0
3-Octyne, 2,2-d...	10.326	10.4	ug/L	136263	3	11.185	328292	25.0
(DEL) Alkane: S...	10.442	16.0	ug/L	210110	3	11.185	328292	25.0
(DEL) Alkane: C...	10.503	7.2	ug/L	95096	3	11.185	328292	25.0
(DEL) Alkane: C...	10.612	2.8	ug/L	36923	3	11.185	328292	25.0
Decahydrobenzop...	10.657	7.0	ug/L	91222	3	11.185	328292	25.0
(DEL) Alkane: S...	10.709	4.1	ug/L	53409	3	11.185	328292	25.0
(DEL) Alkane: S...	10.818	34.3	ug/L	450371	3	11.185	328292	25.0
(DEL) Alkane: S...	10.969	6.4	ug/L	84464	3	11.185	328292	25.0
(DEL) Alkane: S...	11.005	7.8	ug/L	102739	3	11.185	328292	25.0
(DEL) Alkane: S...	11.034	13.6	ug/L	177916	3	11.185	328292	25.0
(DEL) Alkane: C...	11.085	9.2	ug/L	120325	3	11.185	328292	25.0
unknown-04	11.873	25.1	ug/L	328974	3	11.185	328292	25.0
1-Decanol, 2-he...	11.924	14.7	ug/L	192400	3	11.185	328292	25.0
(DEL) Alkane: S...	12.063	11.6	ug/L	152058	3	11.185	328292	25.0
trans-Decalin, ...	12.191	20.8	ug/L	272833	3	11.185	328292	25.0
(DEL) Alkane: C...	12.304	37.5	ug/L	492934	3	11.185	328292	25.0
Naphthalene, de...	12.403	25.3	ug/L	331848	3	11.185	328292	25.0
(DEL) Alkane: S...	12.574	11.0	ug/L	144322	3	11.185	328292	25.0
Oxalic acid, 6-...	12.738	12.2	ug/L	159530	3	11.185	328292	25.0
(DEL) Alkane: C...	12.815	8.9	ug/L	117586	3	11.185	328292	25.0
(DEL) Alkane: S...	12.979	54.2	ug/L	711315	3	11.185	328292	25.0
(DEL) Alkane: S...	13.580	39.0	ug/L	511650	3	11.185	328292	25.0
unknown-05	13.863	9.3	ug/L	121629	3	11.185	328292	25.0
(DEL) Alkane: S...	14.593	22.5	ug/L	295067	3	11.185	328292	25.0
(DEL) Alkane: S...	15.355	9.1	ug/L	119379	3	11.185	328292	25.0
Decahydro-1,1,4...	15.522	14.7	ug/L	192806	3	11.185	328292	25.0