

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
 Data File : VV036602.D
 Acq On : 18 Jul 2024 15:13
 Operator : SY/MD
 Sample : P3298-06
 Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB26

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: VV036602.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.095	12	17	28	rVB	16651	19314	0.00%	0.002%
2	1.191	42	47	52	rBV	10340	11041	0.00%	0.001%
3	1.278	64	74	95	rBV	6316141	7705048	1.59%	0.846%
4	1.423	116	119	122	rBV4	2031	1763	0.00%	0.000%
5	1.532	144	153	168	rVB	164899	237283	0.05%	0.026%
6	1.963	285	287	290	rBV4	1086	771	0.00%	0.000%
7	2.066	298	319	339	rBV4	522458	1201676	0.25%	0.132%
8	2.156	342	347	362	rVB4	21832	50111	0.01%	0.006%
9	2.246	367	375	404	rVB	26743	73929	0.02%	0.008%
10	2.397	409	422	423	rBV8	2923	4879	0.00%	0.001%
11	2.449	424	438	467	rVB	73160	182264	0.04%	0.020%
12	2.568	474	475	478	rVB2	620	279	0.00%	0.000%
13	2.600	484	485	489	rVB3	322	194	0.00%	0.000%
14	2.625	491	493	496	rVB4	290	163	0.00%	0.000%
15	2.703	499	517	559	rBV2	198431	654710	0.13%	0.072%
16	2.969	592	600	601	rBV4	3893	4284	0.00%	0.000%
17	3.127	631	649	665	rBV3	16835	56098	0.01%	0.006%
18	3.249	685	687	693	rVB3	683	583	0.00%	0.000%
19	3.275	693	695	697	rBV2	340	165	0.00%	0.000%
20	3.310	703	706	708	rBV2	243	179	0.00%	0.000%
21	3.339	712	715	717	rBV3	418	256	0.00%	0.000%
22	3.371	721	725	726	rBV2	461	275	0.00%	0.000%
23	3.397	732	733	736	rVV	339	129	0.00%	0.000%
24	3.423	739	741	746	rVB4	588	332	0.00%	0.000%
25	3.452	746	750	753	rVB3	495	370	0.00%	0.000%
26	3.471	753	756	758	rVB2	453	194	0.00%	0.000%
27	3.513	767	769	772	rVB2	296	161	0.00%	0.000%
28	3.548	776	780	783	rBV2	372	250	0.00%	0.000%
29	3.577	786	789	793	rVB3	245	192	0.00%	0.000%
30	3.809	839	861	869	rBV3	50360804	147541716	30.36%	16.195%
31	4.265	985	1003	1059	rVB3	149521	692673	0.14%	0.076%
32	4.532	1069	1086	1126	rVB4	30138	151281	0.03%	0.017%
33	4.979	1203	1225	1286	rBV5	257875	1433472	0.29%	0.157%
34	5.252	1307	1310	1312	rBV4	832	622	0.00%	0.000%
35	5.416	1351	1361	1363	rBV6	7594	11057	0.00%	0.001%
36	5.564	1389	1407	1463	rVB2	298857	1522946	0.31%	0.167%

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Peak Location: TOP

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

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

37	5.847	1470	1495	1501	rBV2	58825367	172261761	35.45%	18.909%
38	6.947	1798	1837	1851	rBV6	112009	668121	0.14%	0.073%
39	7.445	1907	1992	2067	rBV2	2234926	28212383	5.81%	3.097%
40	7.921	2121	2140	2220	rBV5	59776917	485990419	100.00%	53.346%
41	8.416	2291	2294	2299	rVB2	28420256	22037833	4.53%	2.419%
42	8.452	2300	2305	2308	rBV	408164	409807	0.08%	0.045%
43	8.484	2308	2315	2322	rBV	1628653	2278102	0.47%	0.250%
44	8.670	2366	2373	2378	rBV2	928829	1331191	0.27%	0.146%
45	8.702	2379	2383	2392	rVB5	964760	1397477	0.29%	0.153%
46	8.812	2408	2417	2428	rVV4	1325769	2264294	0.47%	0.249%
47	8.882	2428	2439	2451	rVB	1070047	1848548	0.38%	0.203%
48	8.966	2458	2465	2472	rBV5	194913	301996	0.06%	0.033%
49	9.021	2473	2482	2488	rVV2	1251322	1910672	0.39%	0.210%
50	9.059	2488	2494	2503	rVV4	854101	1486538	0.31%	0.163%
51	9.136	2505	2518	2529	rVV	5590656	9721226	2.00%	1.067%
52	9.194	2529	2536	2544	rVV	1455457	2237317	0.46%	0.246%
53	9.243	2545	2551	2563	rVB2	573991	921056	0.19%	0.101%
54	9.313	2565	2573	2579	rBV	103898	159074	0.03%	0.017%
55	9.458	2606	2618	2629	rBV3	365529	799987	0.16%	0.088%
56	9.525	2630	2639	2657	rVB	1906731	3077083	0.63%	0.338%
57	9.686	2673	2689	2704	rVB5	227245	478423	0.10%	0.053%
58	9.773	2706	2716	2730	rBV4	302190	545102	0.11%	0.060%
59	9.905	2749	2757	2767	rVB	83906	125632	0.03%	0.014%
60	10.056	2800	2804	2809	rBV3	21864	27878	0.01%	0.003%
61	10.111	2816	2821	2832	rVB3	100430	157302	0.03%	0.017%
62	10.178	2833	2842	2876	rVB	276376	587206	0.12%	0.064%
63	10.320	2877	2886	2904	rBV2	110685	234681	0.05%	0.026%
64	10.410	2904	2914	2928	rBV	457938	916316	0.19%	0.101%
65	10.500	2935	2942	2952	rVB	439594	634146	0.13%	0.070%
66	10.696	2993	3003	3011	rBV	100592	170148	0.04%	0.019%
67	10.747	3012	3019	3032	rVB	93820	154793	0.03%	0.017%
68	10.869	3048	3057	3078	rVB	588411	879705	0.18%	0.097%
69	11.011	3095	3101	3105	rBV2	14074	19959	0.00%	0.002%
70	11.046	3106	3112	3122	rVB2	33727	55621	0.01%	0.006%
71	11.101	3124	3129	3136	rVV5	19890	27579	0.01%	0.003%
72	11.175	3136	3152	3153	rVV2	394069	515304	0.11%	0.057%
73	11.197	3153	3159	3179	rVV	1179303	1922663	0.40%	0.211%
74	11.287	3180	3187	3202	rVB	84502	136000	0.03%	0.015%
75	11.487	3239	3249	3256	rBV5	70587	139311	0.03%	0.015%
76	11.570	3266	3275	3302	rVB	665124	1144214	0.24%	0.126%

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 Title : VOC Analysis

77	11.705	3307	3317	3330	rBV	244000	374384	0.08%	0.041%
78	11.770	3332	3337	3346	rVB	19450	26227	0.01%	0.003%
79	11.824	3347	3354	3360	rBV	33496	46294	0.01%	0.005%
80	11.966	3391	3398	3413	rVB6	45686	89830	0.02%	0.010%
81	12.069	3422	3430	3436	rBV4	22673	38223	0.01%	0.004%
82	12.181	3456	3465	3481	rBV2	143647	288203	0.06%	0.032%
83	12.413	3529	3537	3549	rVB2	37154	63747	0.01%	0.007%
84	12.824	3659	3665	3676	rVB4	23684	33580	0.01%	0.004%
85	12.895	3681	3687	3698	rVB8	12846	20012	0.00%	0.002%
86	12.982	3707	3714	3726	rVB7	18687	35475	0.01%	0.004%
87	13.207	3777	3784	3794	rVB6	16942	26091	0.01%	0.003%
88	13.271	3800	3804	3812	rBV7	5584	7582	0.00%	0.001%
89	13.445	3851	3858	3881	rVB	31492	62386	0.01%	0.007%
90	13.609	3904	3909	3912	rBV7	4546	5500	0.00%	0.001%
91	13.686	3927	3933	3950	rVB10	22133	40899	0.01%	0.004%
92	13.840	3976	3981	3990	rVB8	10124	13776	0.00%	0.002%
93	14.040	4039	4043	4044	rBV4	4224	3256	0.00%	0.000%
94	14.676	4239	4241	4248	rVB7	3505	3159	0.00%	0.000%
95	14.760	4258	4267	4272	rBV9	7032	12866	0.00%	0.001%
96	15.056	4352	4359	4366	rVB9	5245	8681	0.00%	0.001%
97	15.268	4419	4425	4441	rVB9	7026	14600	0.00%	0.002%
98	15.477	4488	4490	4494	rBV4	1384	1131	0.00%	0.000%
99	16.117	4682	4689	4699	rBV10	6358	10811	0.00%	0.001%
100	16.245	4722	4729	4740	rVB2	22628	33455	0.01%	0.004%

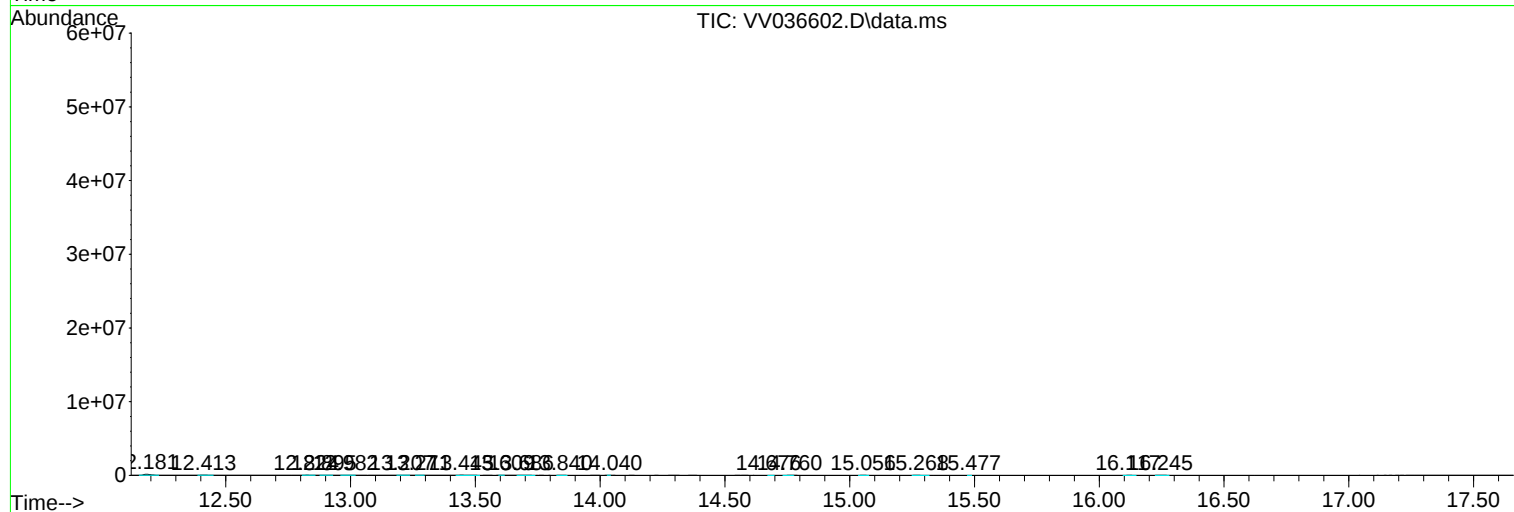
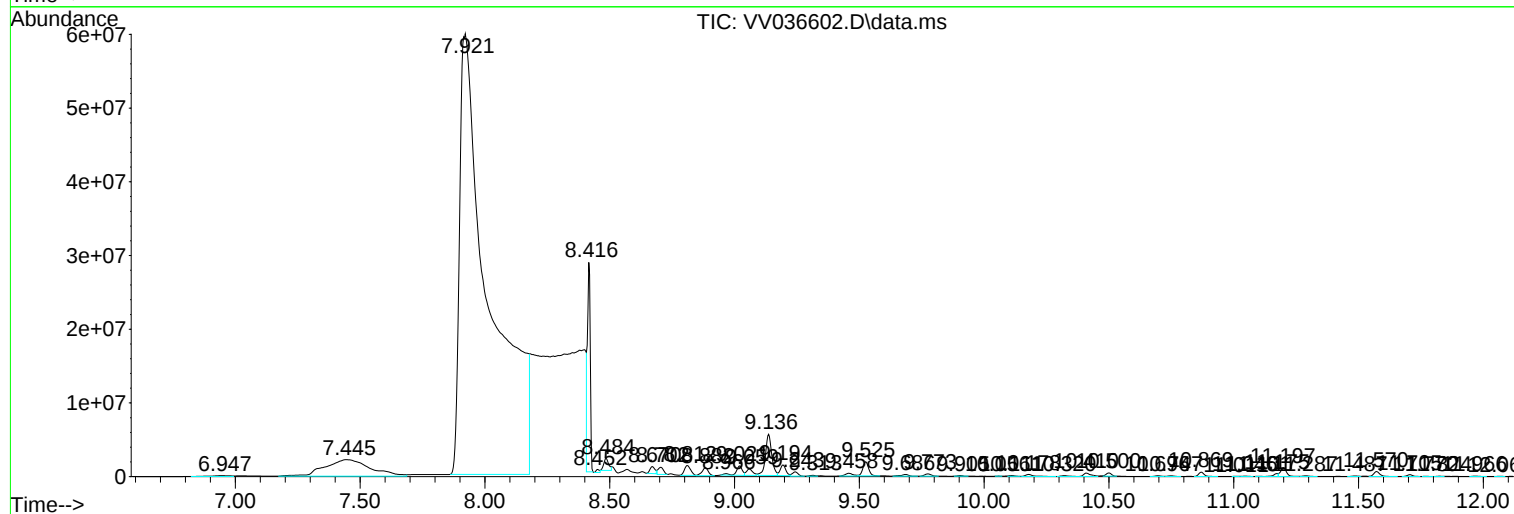
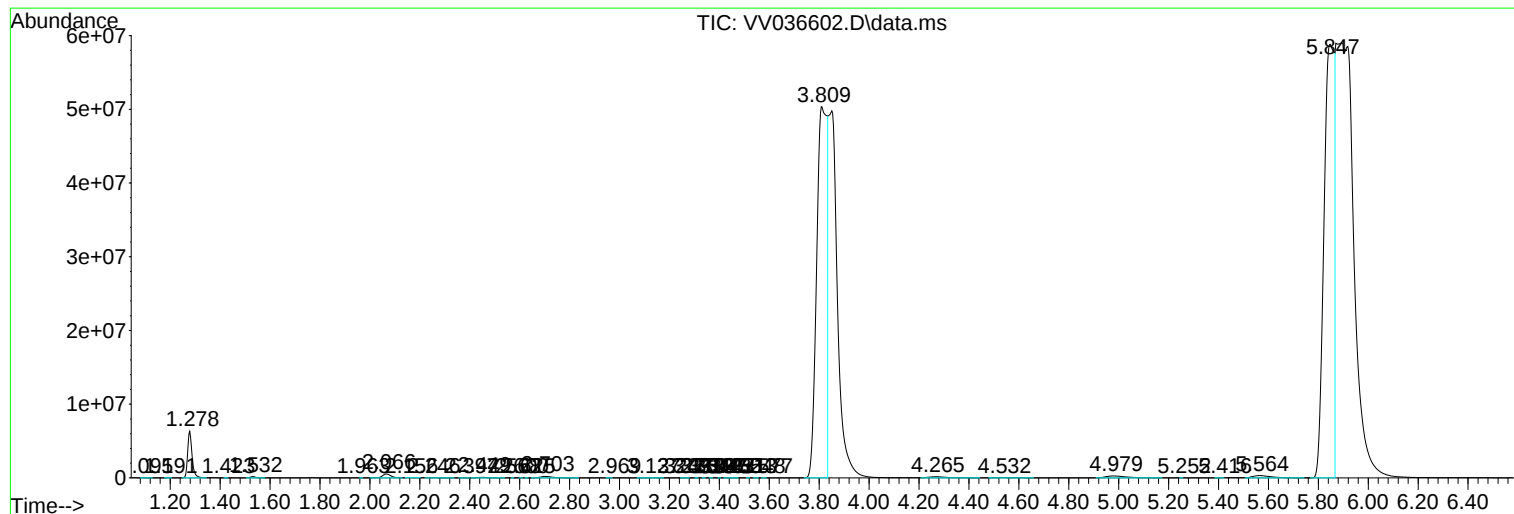
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB26

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



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ALS Vial : 4 Sample Multiplier: 1

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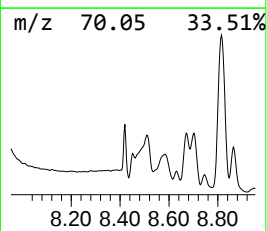
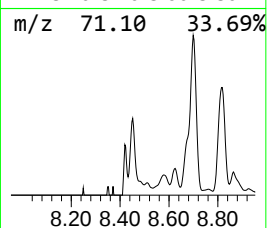
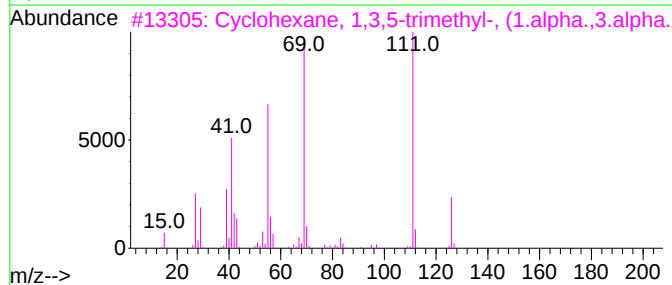
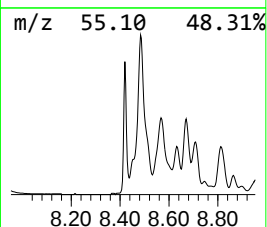
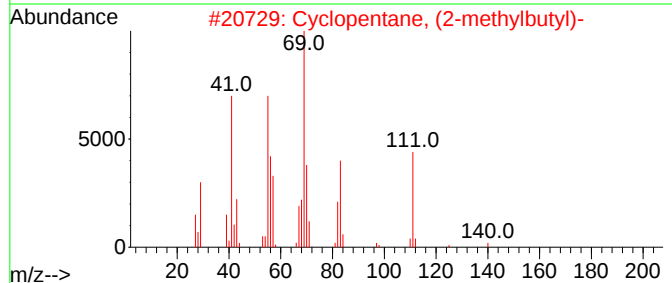
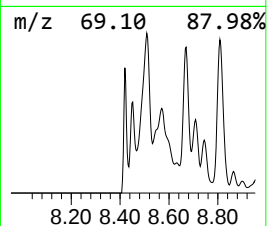
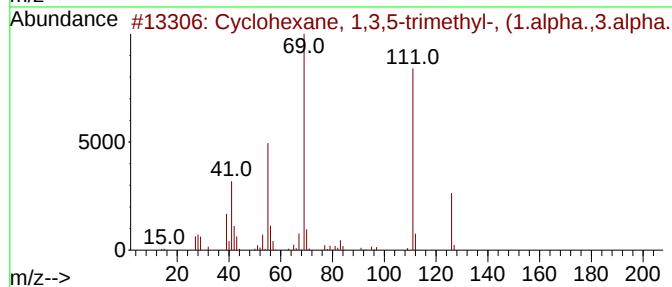
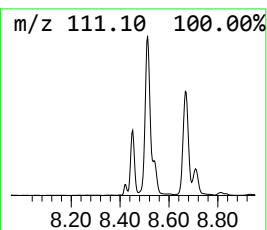
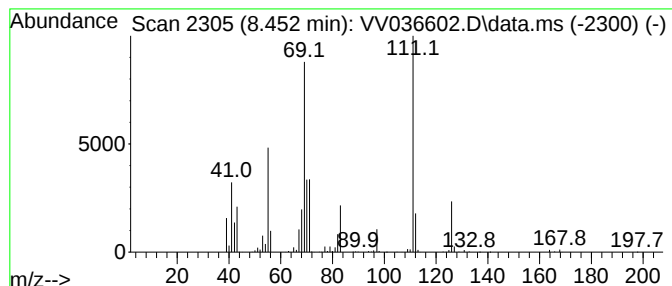
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic8.452 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.452	5.54 ug/L	409807	Chlorobenzene-d5	8.882

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	62
2			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	59
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	58
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	58
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	58



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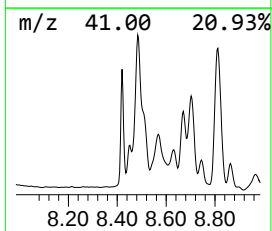
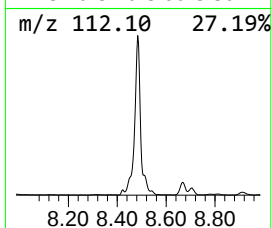
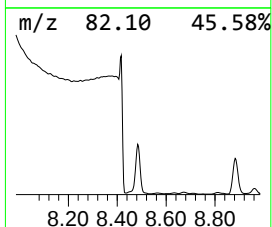
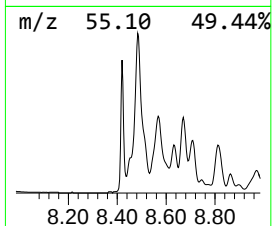
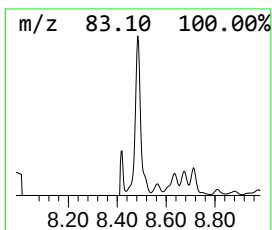
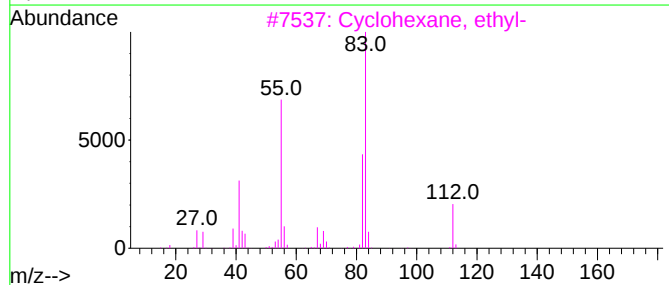
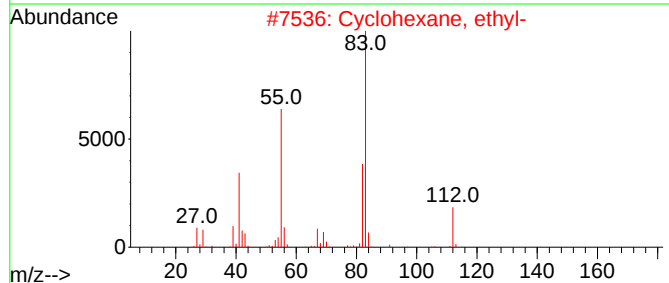
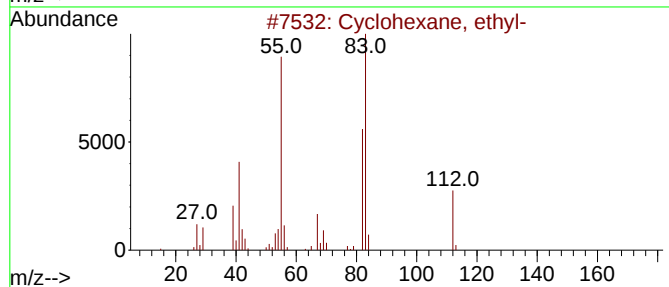
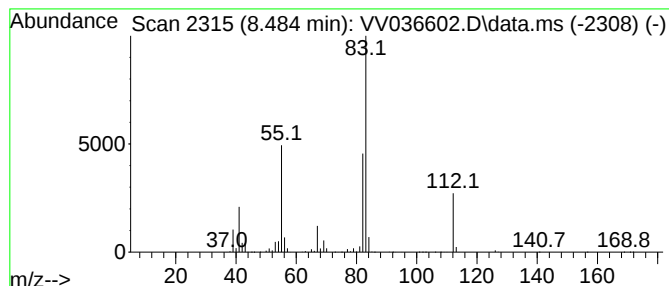
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic8.484 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.484	30.81 ug/L	2278100	Chlorobenzene-d5	8.882

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86



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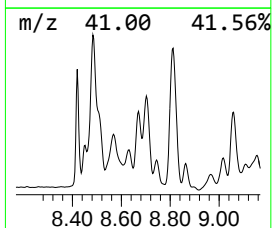
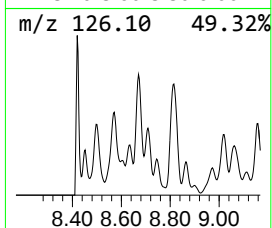
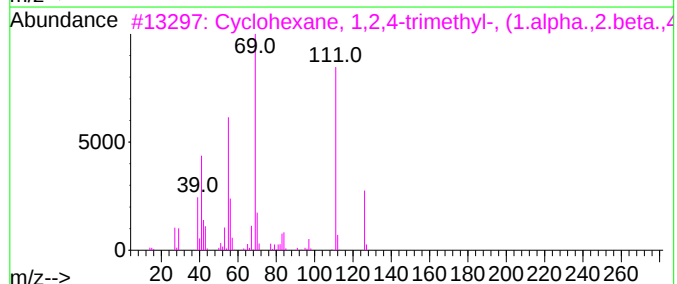
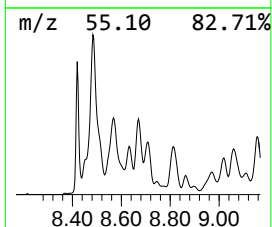
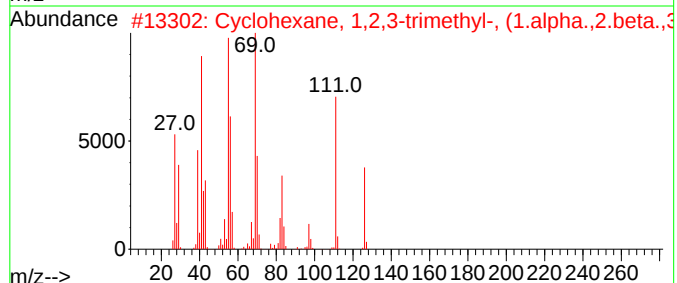
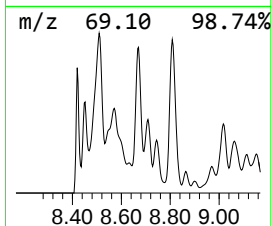
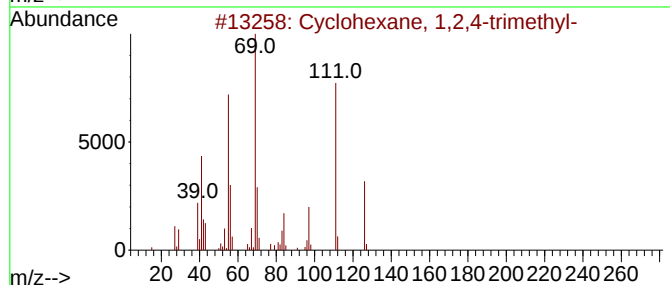
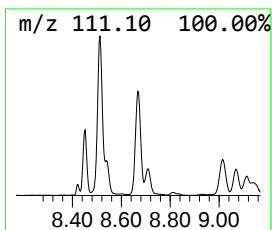
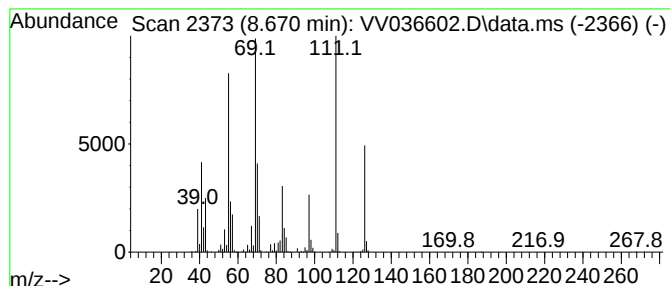
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic8.670 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.670	18.00 ug/L	1331190	Chlorobenzene-d5	8.882

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	83
2			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	83
3			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	81
4			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	81
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

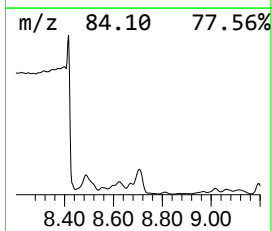
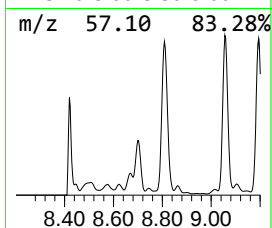
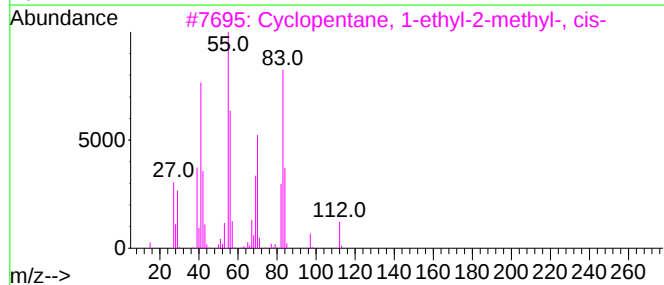
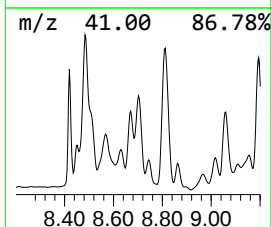
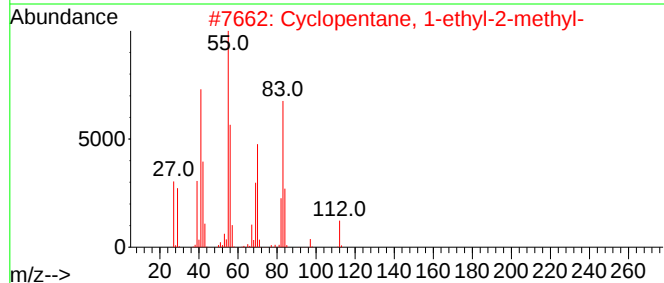
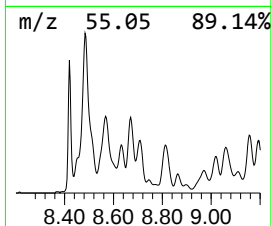
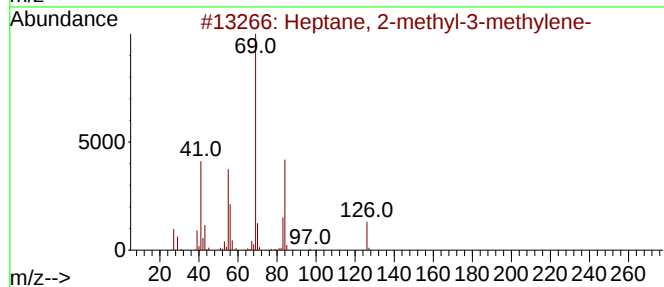
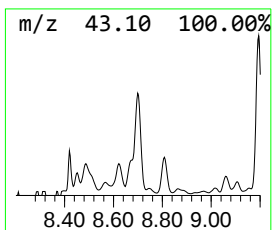
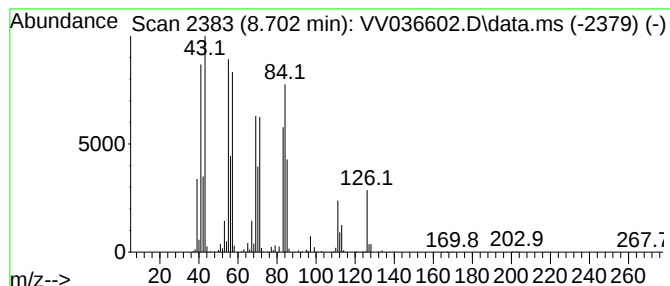
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ClientSampleId :
BHB26

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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.702	18.90 ug/L	1397480	Chlorobenzene-d5	8.882	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	46
2	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	41
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	41
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	38
5	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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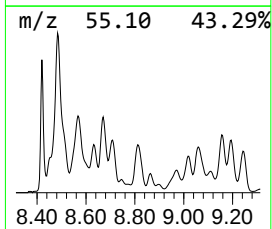
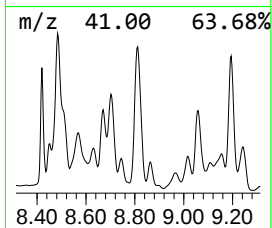
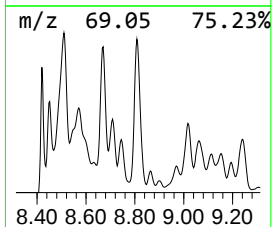
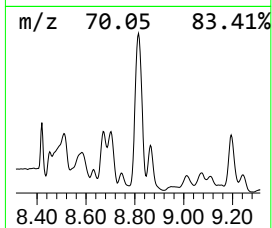
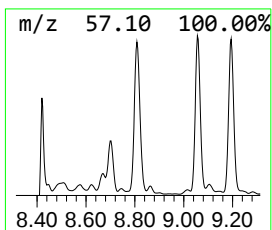
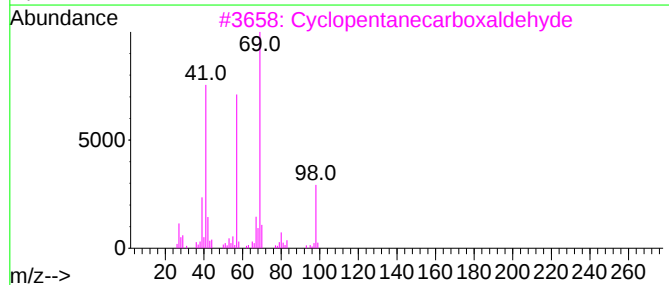
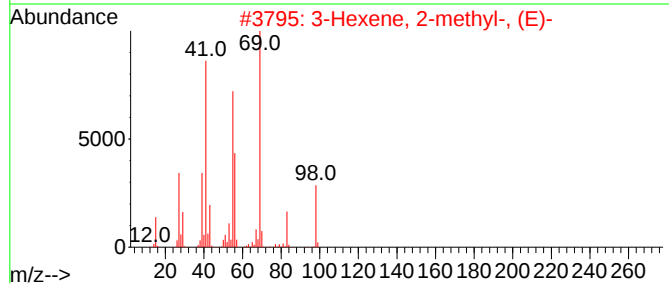
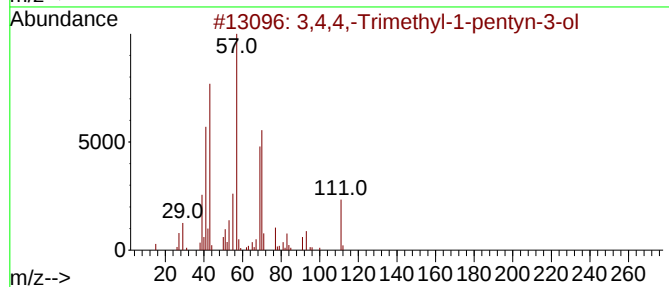
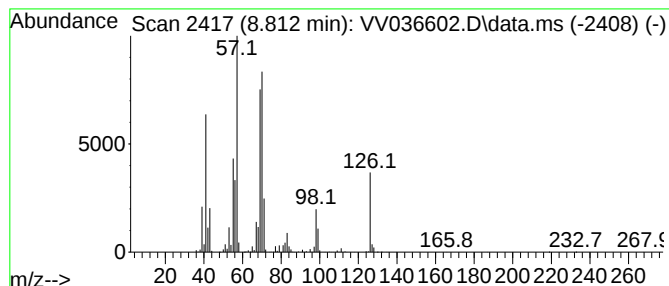
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Quant Title : VOC Analysis

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

Peak Number 7 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.812	30.62 ug/L	2264290	Chlorobenzene-d5	8.882

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4,4,-Trimethyl-1-pentyn-3-ol		126	C8H14O	000993-53-3	47	
2	3-Hexene, 2-methyl-, (E)-		98	C7H14	000692-24-0	38	
3	Cyclopentanecarboxaldehyde		98	C6H10O	000872-53-7	38	
4	2-Ethyl-1-hexanol, pentafluoropr...		276	C11H17F5O2	959012-82-9	38	
5	Cyclopropane, 1,1-diethyl-		98	C7H14	001003-19-6	38	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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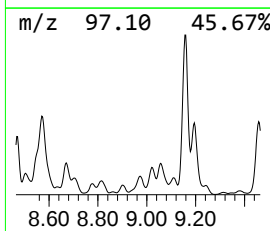
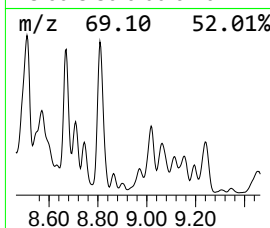
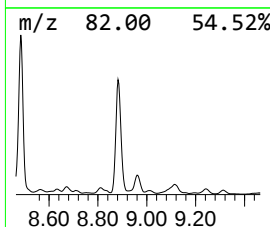
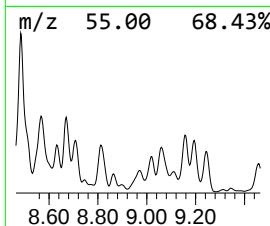
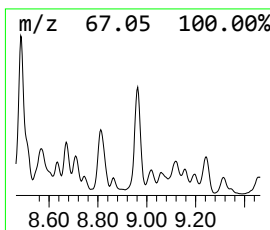
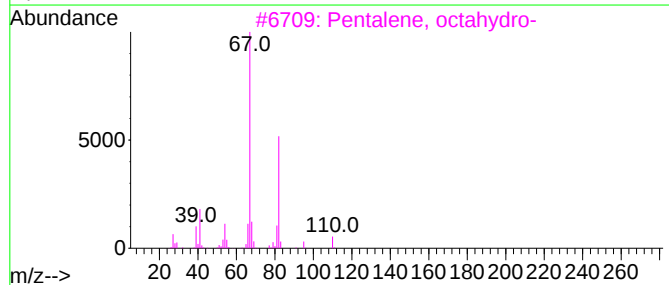
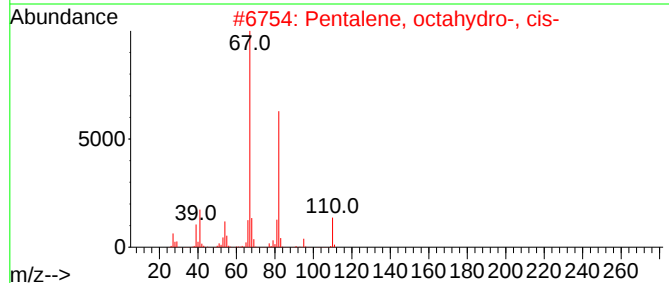
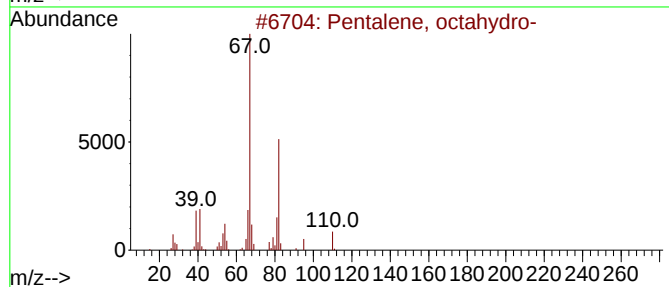
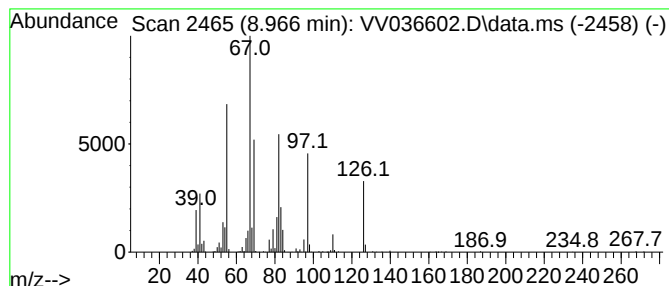
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Quant Title : VOC Analysis

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

Peak Number 8 Pentalene, octahydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.966	4.08 ug/L	301996	Chlorobenzene-d5	8.882

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-	110	C8H14	000694-72-4	64
2			Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	46
3			Pentalene, octahydro-	110	C8H14	000694-72-4	46
4			2-Butynamide, N-methyl-	97	C5H7NO	063798-30-1	43
5			Cyclohexene	82	C6H10	000110-83-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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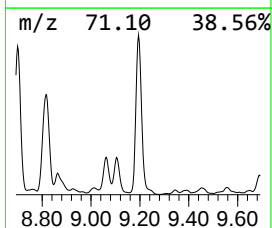
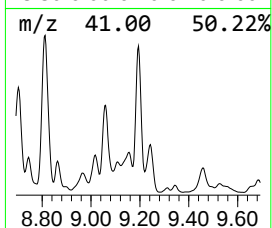
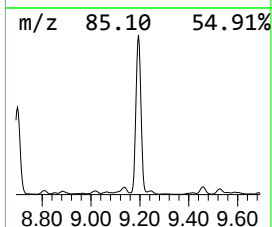
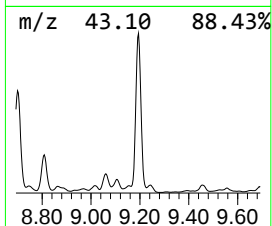
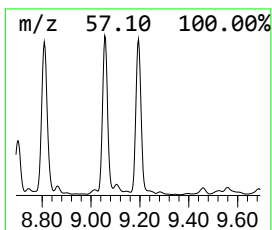
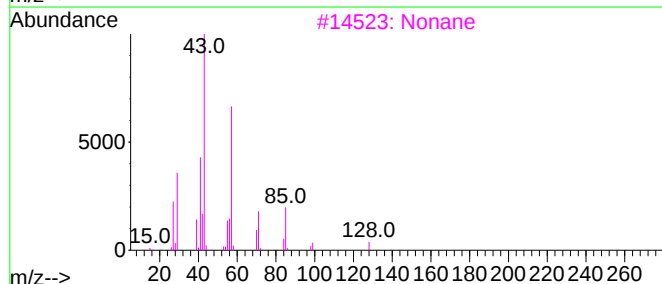
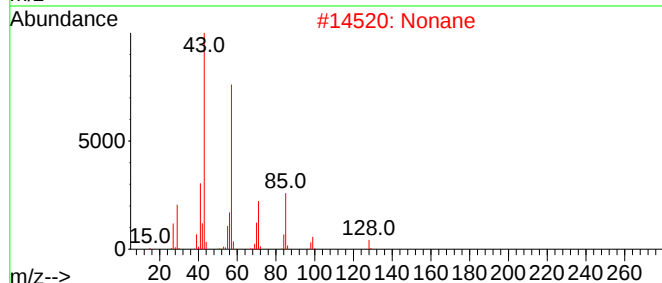
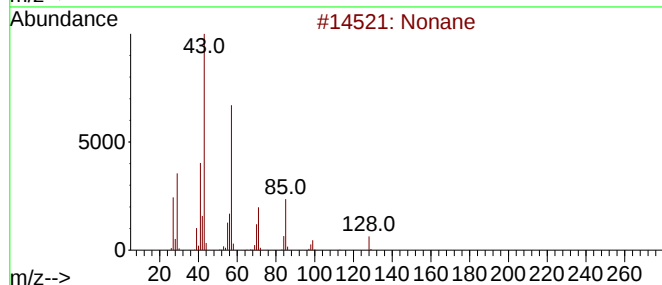
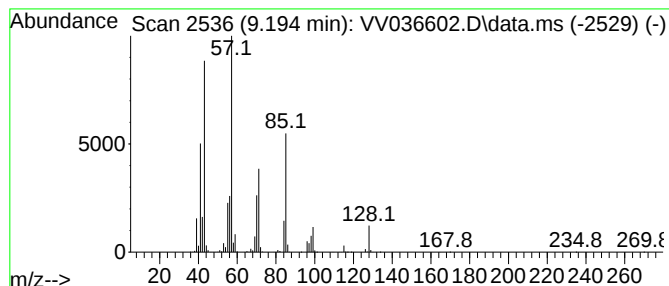
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.194	30.26 ug/L	2237320	Chlorobenzene-d5	8.882

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	95
2	Nonane			128	C9H20	000111-84-2	94
3	Nonane			128	C9H20	000111-84-2	94
4	Nonane			128	C9H20	000111-84-2	80
5	Octane			114	C8H18	000111-65-9	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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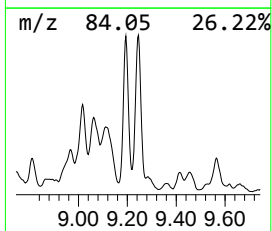
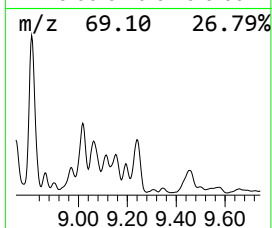
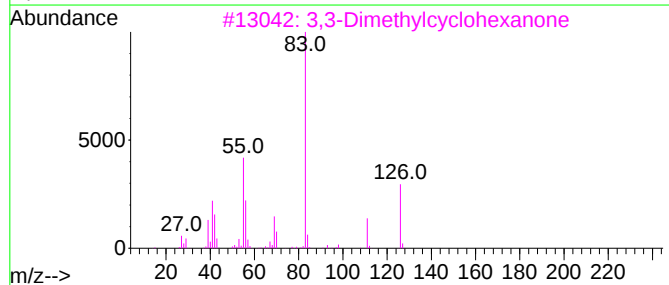
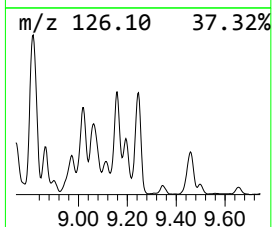
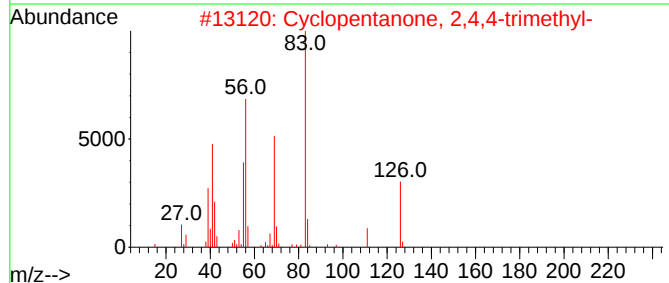
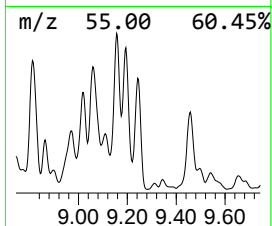
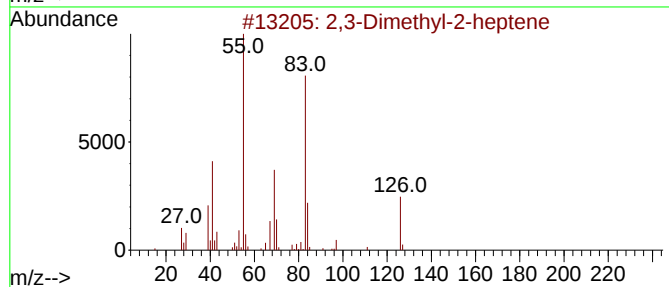
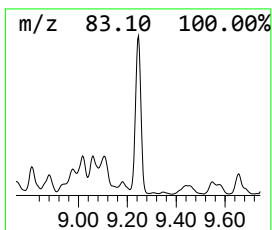
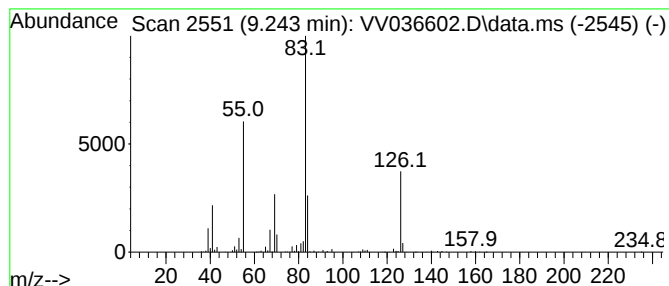
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.243	12.46 ug/L	921056	Chlorobenzene-d5	8.882

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	78
2		Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	64
3		3,3-Dimethylcyclohexanone	126	C8H14O	002979-19-3	59
4		Benzene, 2-chloro-1,4-bis(cycloh...	364	C20H25ClO4	294874-04-7	53
5		Lomustine	233	C9H16ClN3O2	013010-47-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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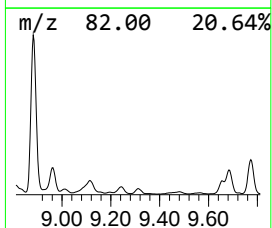
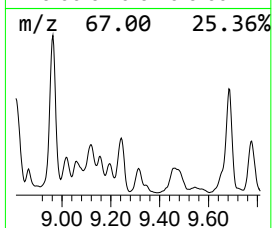
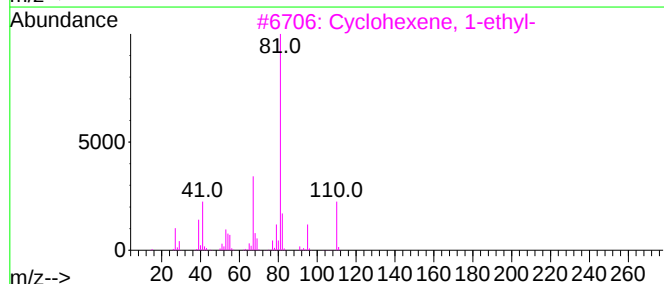
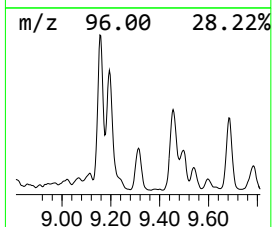
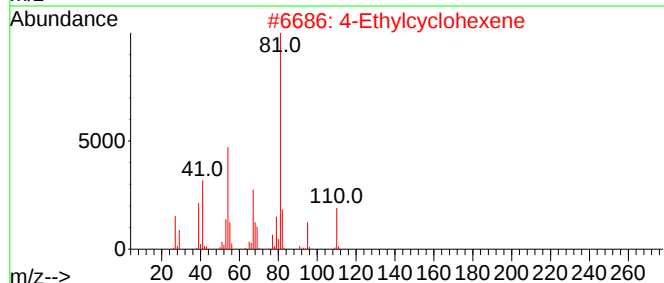
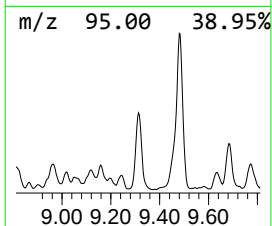
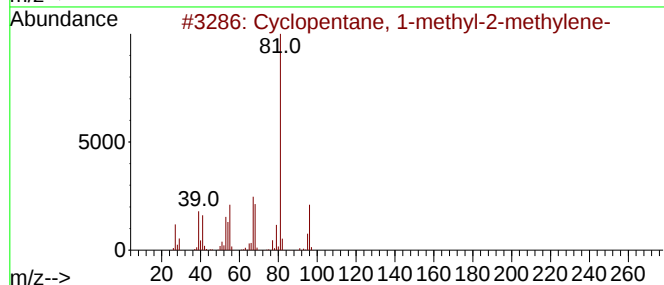
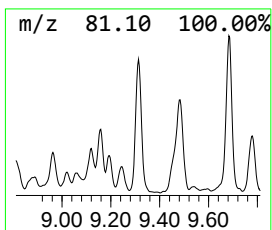
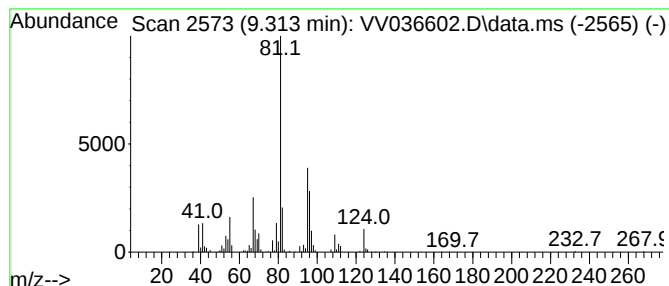
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Quant Title : VOC Analysis

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

Peak Number 11 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.313	2.15 ug/L	159074	Chlorobenzene-d5	8.882

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	47
2			4-Ethylcyclohexene	110	C8H14	003742-42-5	47
3			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43
4			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
5			5-Octadecyne	250	C18H34	071899-42-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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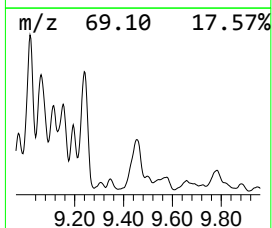
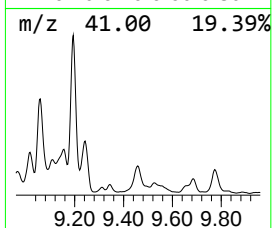
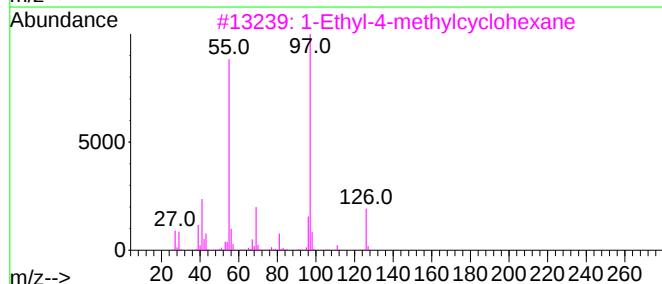
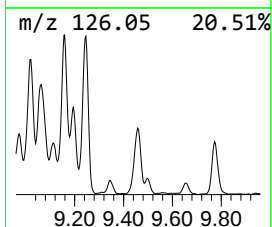
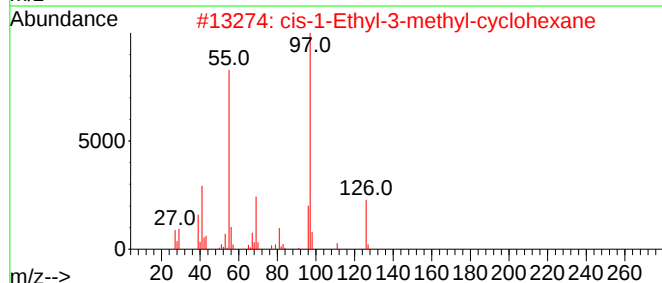
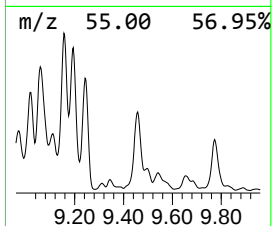
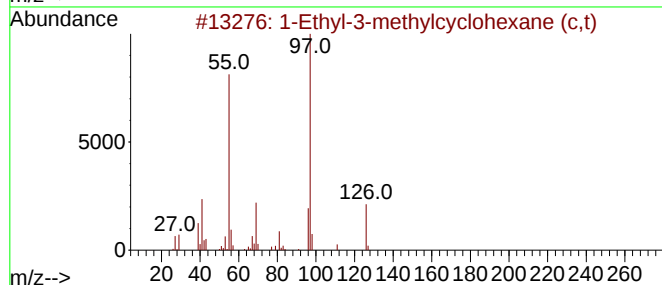
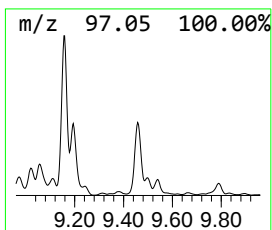
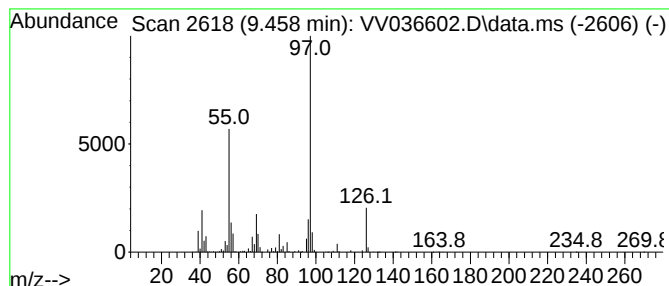
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic9.458 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.458	10.82 ug/L	799987	Chlorobenzene-d5	8.882

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	94
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	94
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
4			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB26

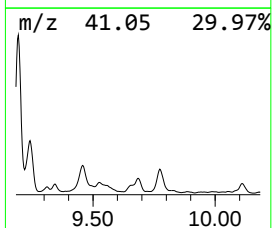
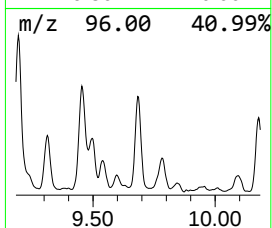
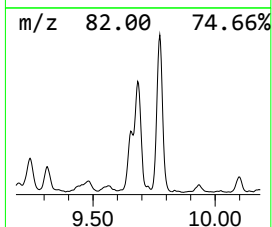
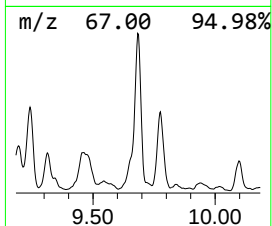
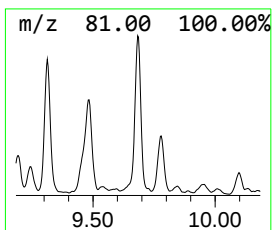
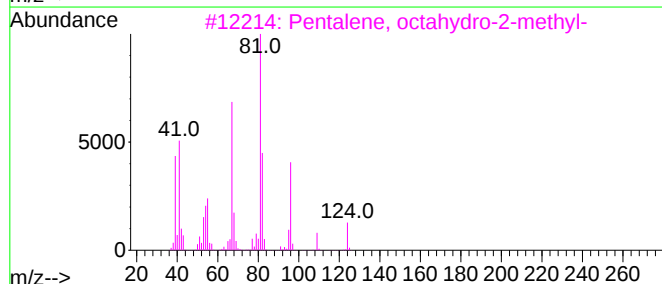
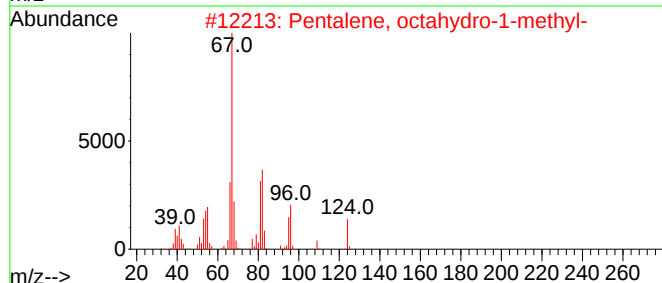
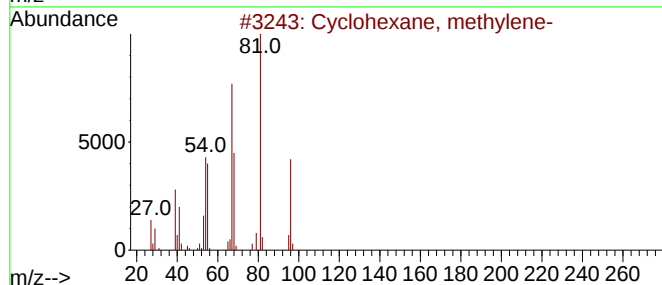
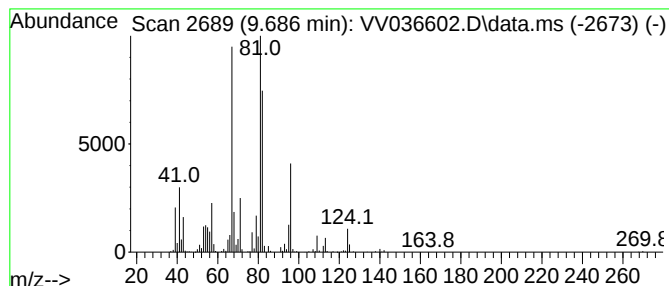
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Quant Title : VOC Analysis

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

Peak Number 13 Cyclohexane, methylene- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	6.47 ug/L	478423	Chlorobenzene-d5	8.882

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methylene-	96	C7H12	001192-37-6	52
2			Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	50
3			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	49
4			Cyclohexaneethanol	128	C8H16O	004442-79-9	47
5			1-Nonyne, 7-methyl-	138	C10H18	071566-65-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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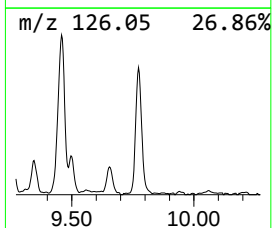
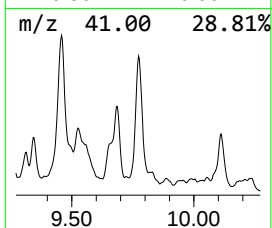
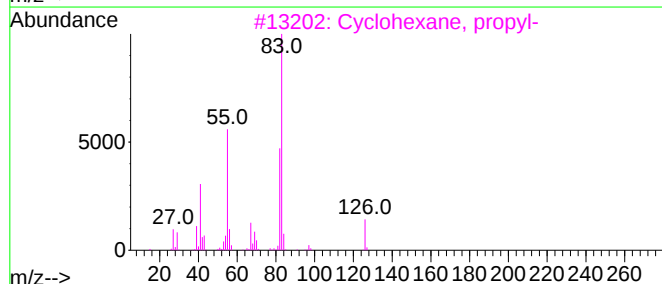
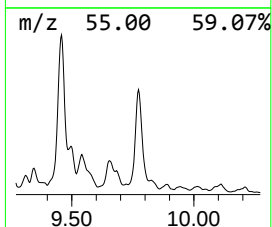
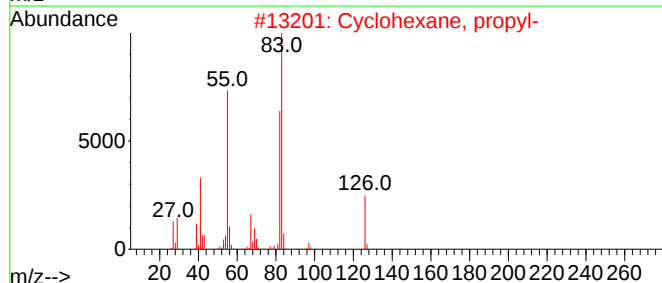
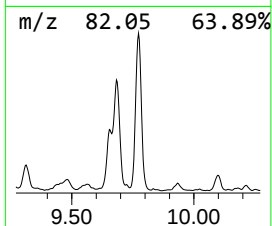
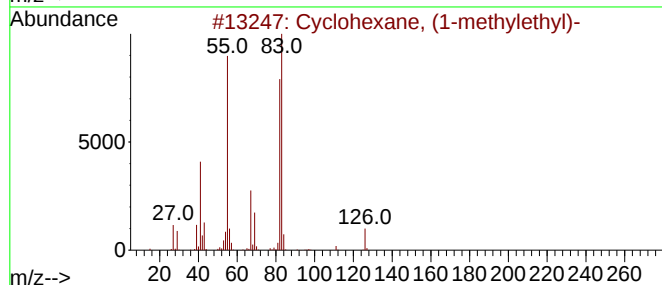
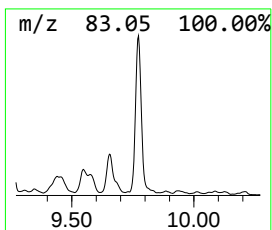
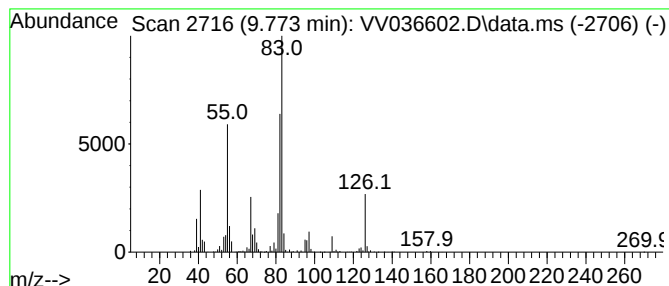
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic9.773 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.773	7.37 ug/L	545102	Chlorobenzene-d5	8.882

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	76
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	76
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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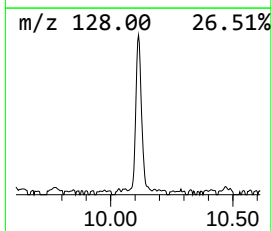
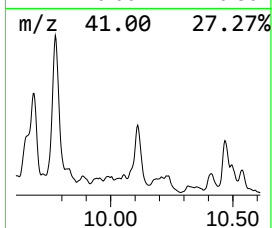
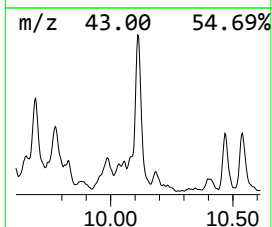
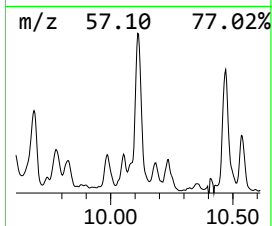
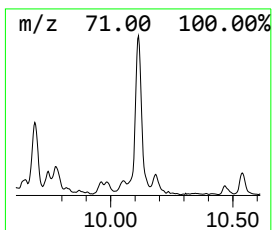
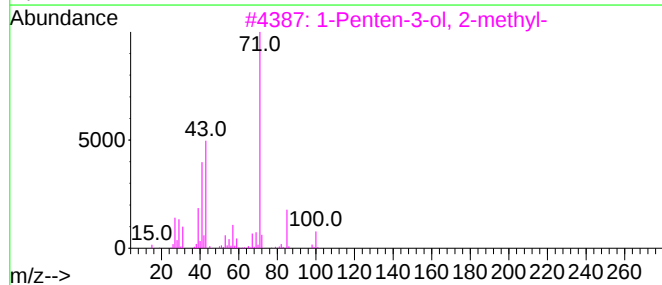
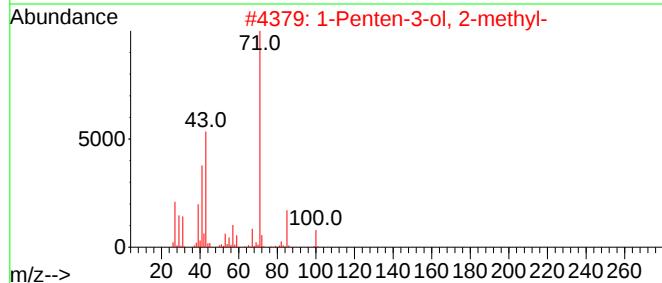
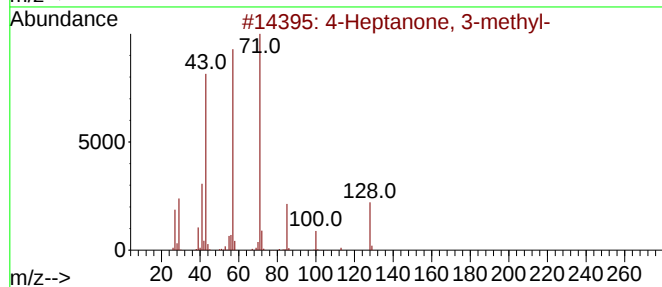
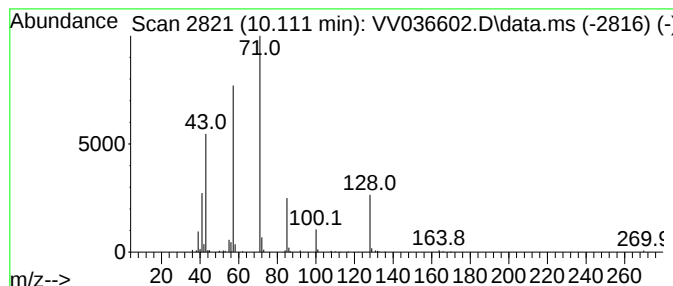
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Quant Title : VOC Analysis

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

Peak Number 15 4-Heptanone, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.111	2.05 ug/L	157302	1,4-Dichlorobenzene-d4	11.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	91
2			1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59
3			1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59
4			1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59
5			Succinic acid, heptyl tetrahydro...	300	C16H28O5	1000329-86-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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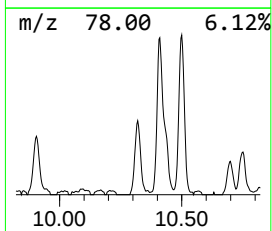
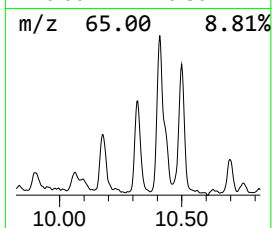
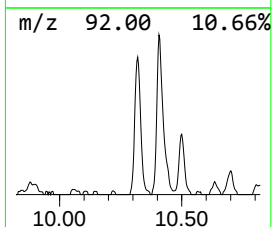
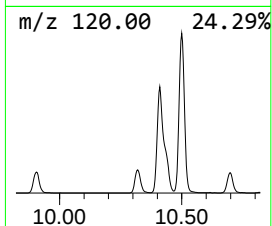
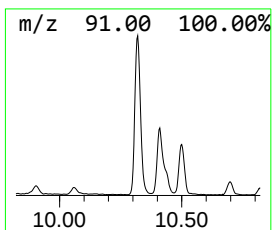
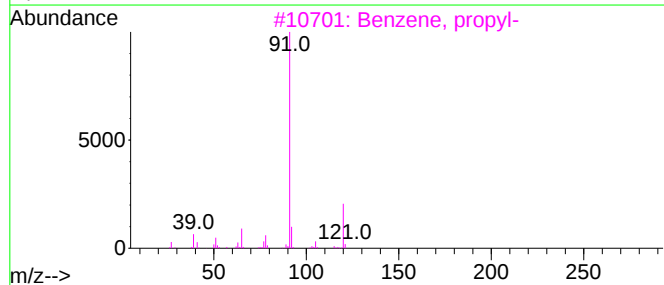
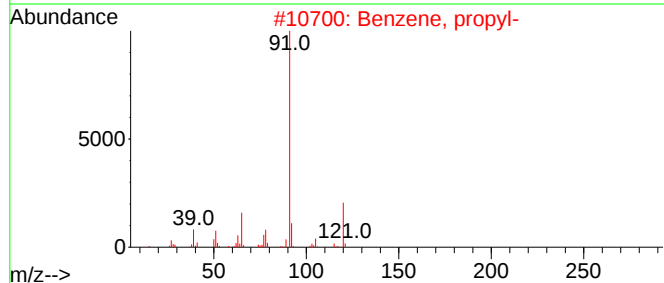
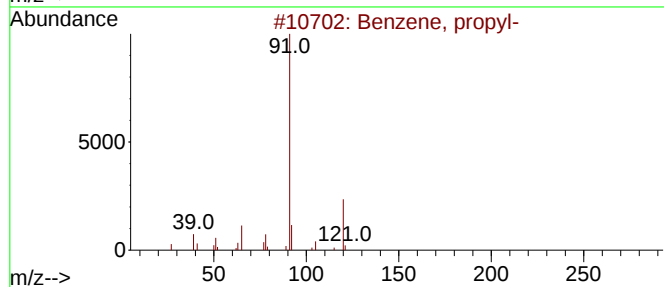
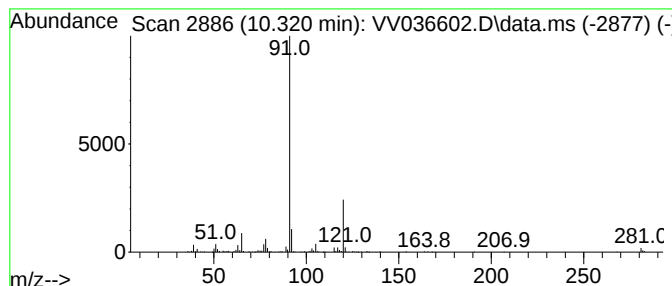
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.320	3.05 ug/L	234681	1,4-Dichlorobenzene-d4	11.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	87
2			Benzene, propyl-	120	C9H12	000103-65-1	87
3			Benzene, propyl-	120	C9H12	000103-65-1	81
4			Benzene, propyl-	120	C9H12	000103-65-1	81
5			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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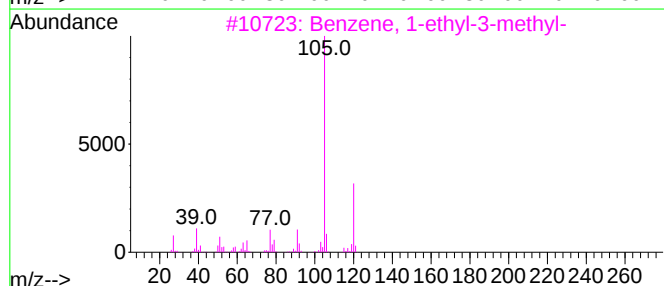
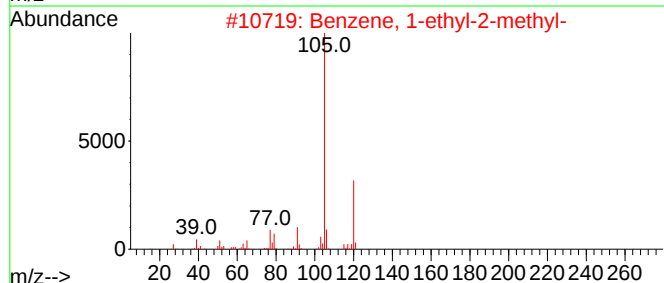
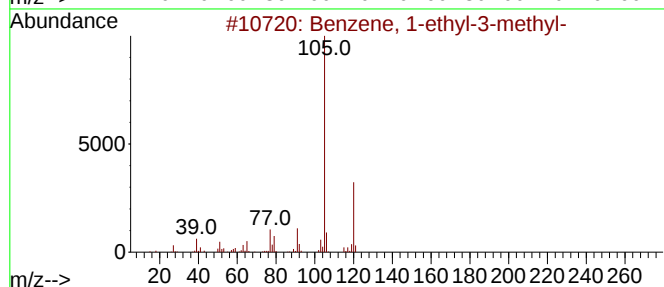
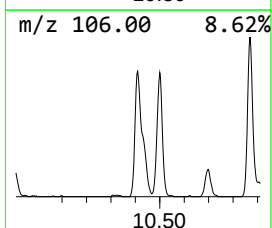
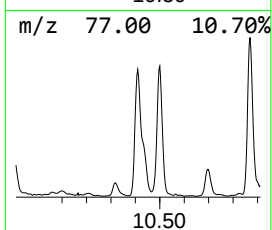
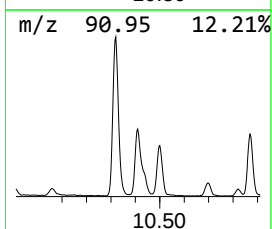
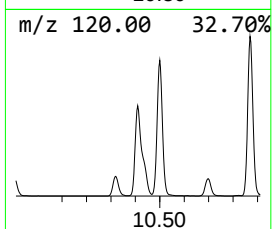
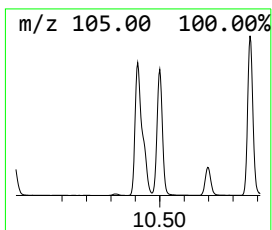
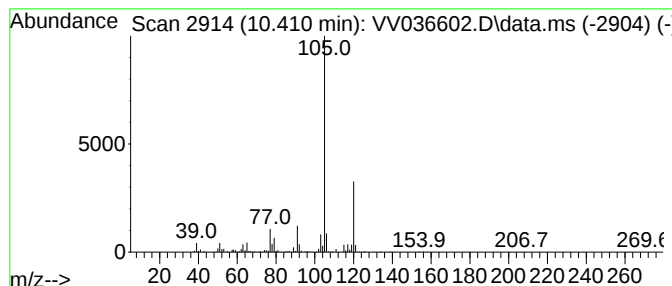
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.410	11.91 ug/L	916316	1,4-Dichlorobenzene-d4	11.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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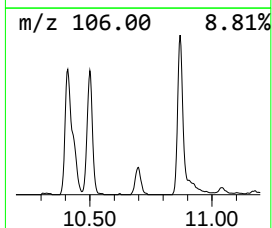
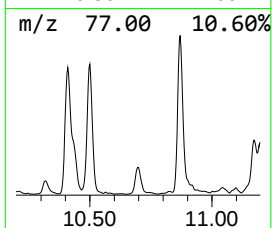
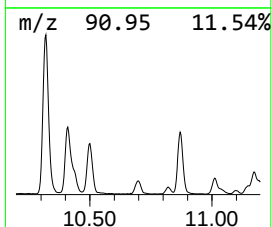
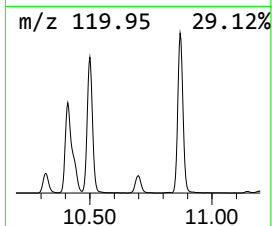
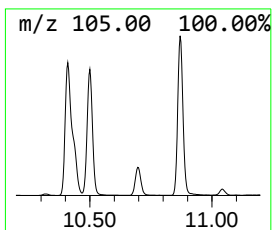
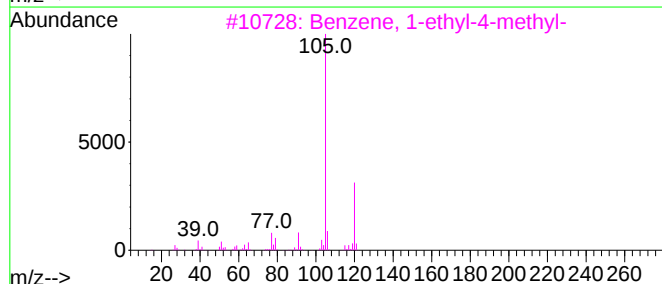
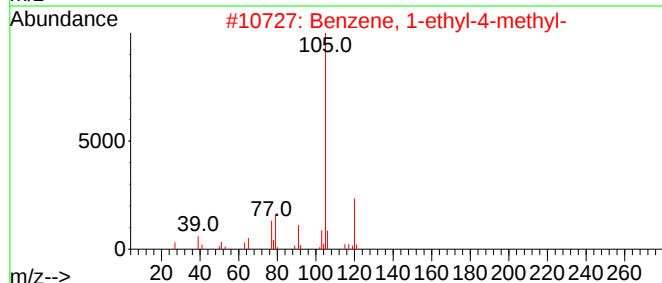
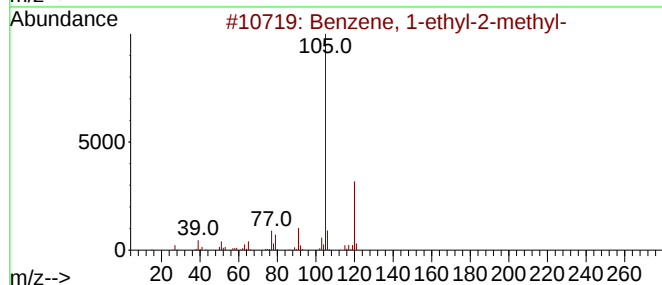
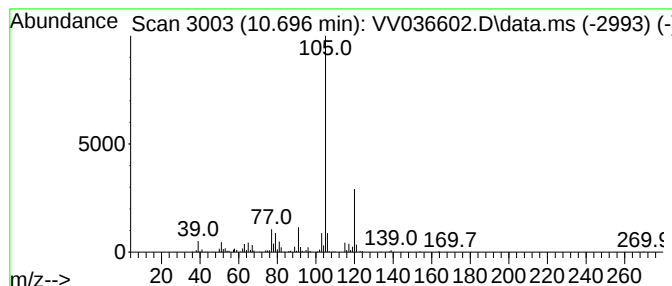
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.696	2.21 ug/L	170148	1,4-Dichlorobenzene-d4	11.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB26

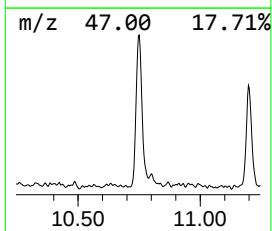
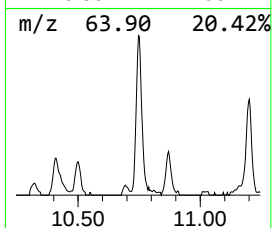
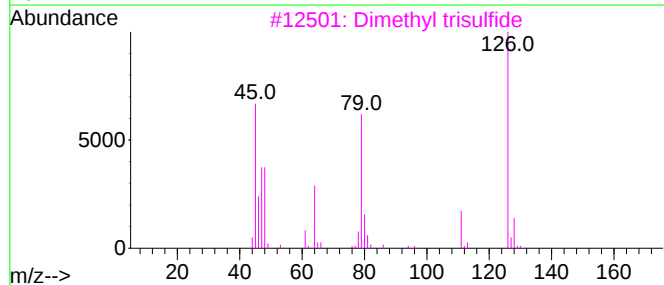
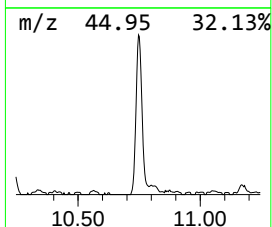
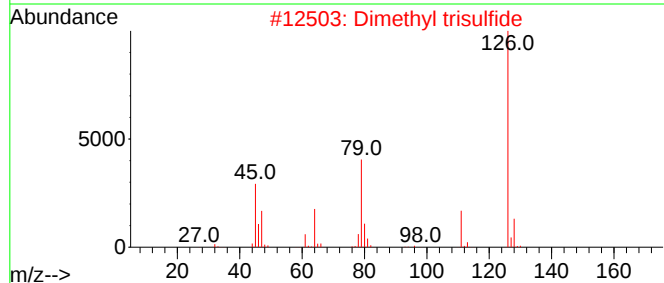
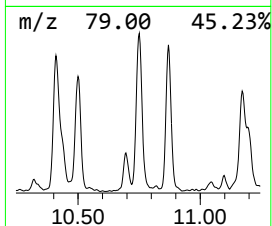
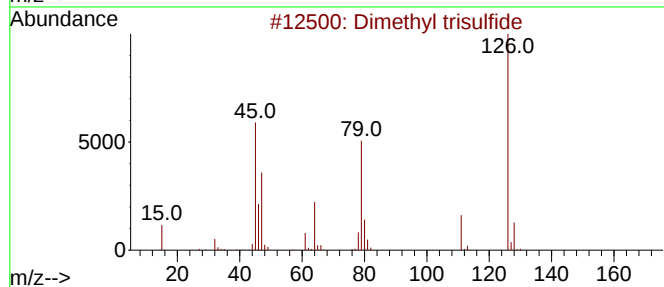
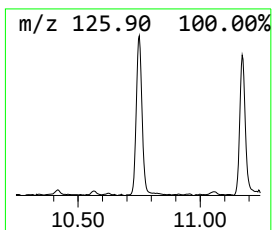
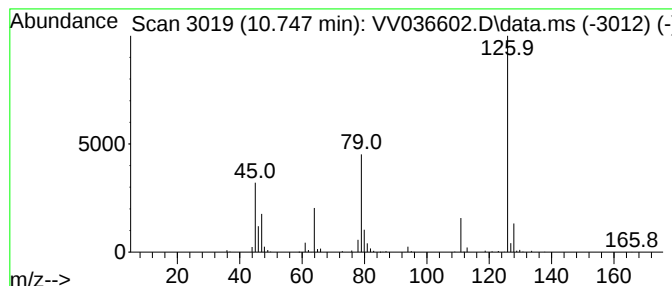
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Quant Title : VOC Analysis

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

Peak Number 19 Dimethyl trisulfide Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.747	2.01 ug/L	154793	1,4-Dichlorobenzene-d4	11.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl trisulfide	126	C2H6S3	003658-80-8	95
2			Dimethyl trisulfide	126	C2H6S3	003658-80-8	94
3			Dimethyl trisulfide	126	C2H6S3	003658-80-8	83
4			Dimethyl trisulfide	126	C2H6S3	003658-80-8	45
5			2-Cyclopenten-1-one, 3-ethyl-2-h...	126	C7H10O2	021835-01-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB26

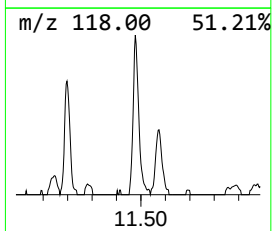
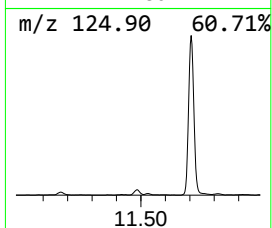
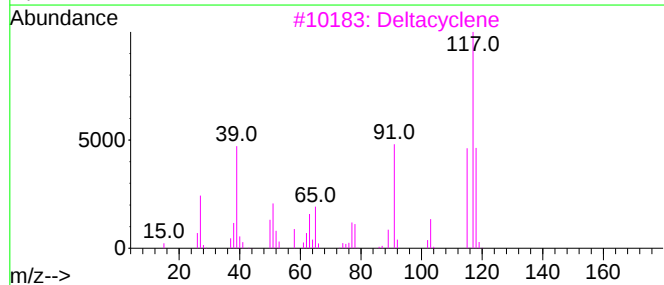
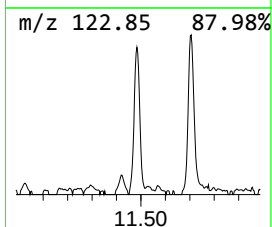
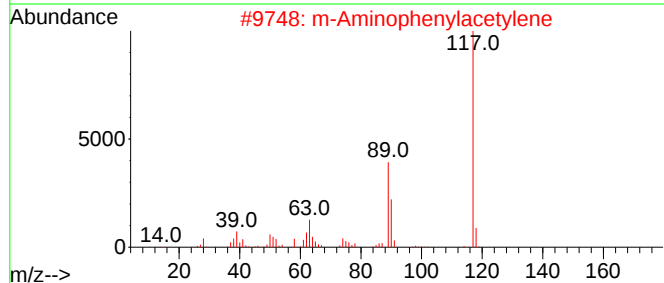
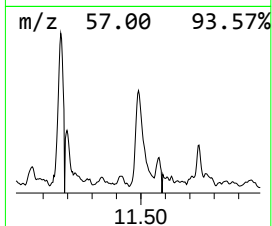
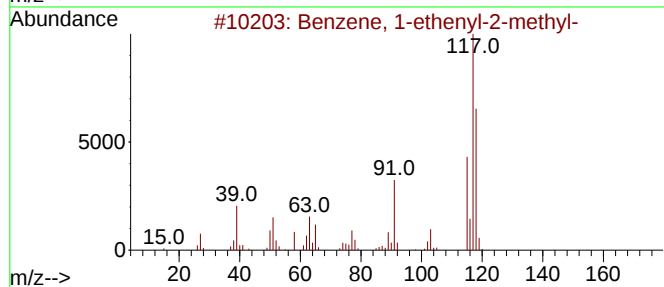
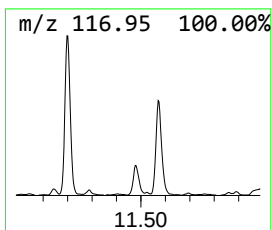
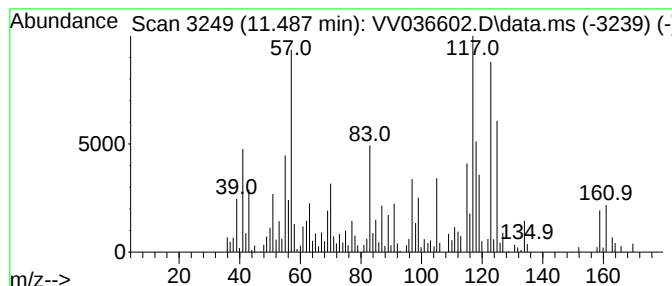
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Quant Title : VOC Analysis

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

Peak Number 21 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.487	1.81 ug/L	139311	1,4-Dichlorobenzene-d4	11.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	38
2			m-Aminophenylacetylene	117	C8H7N	054060-30-9	35
3			Deltacyclene	118	C9H10	007785-10-6	35
4			Indane	118	C9H10	000496-11-7	35
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB26

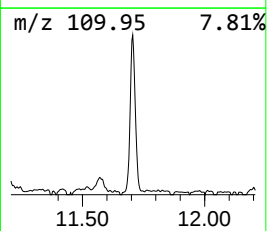
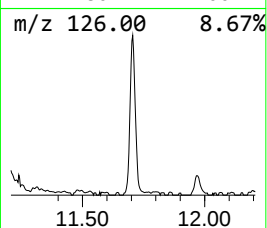
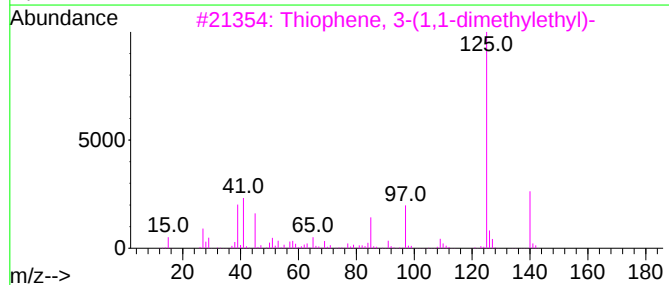
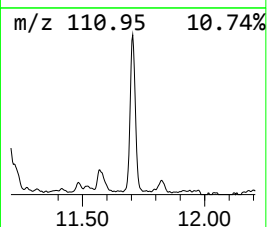
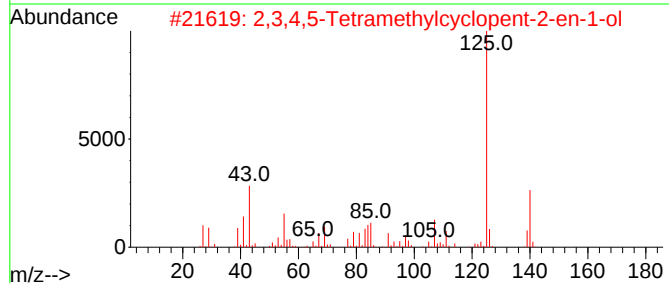
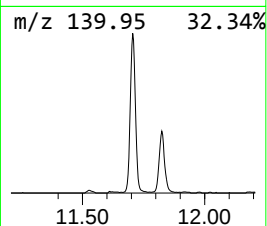
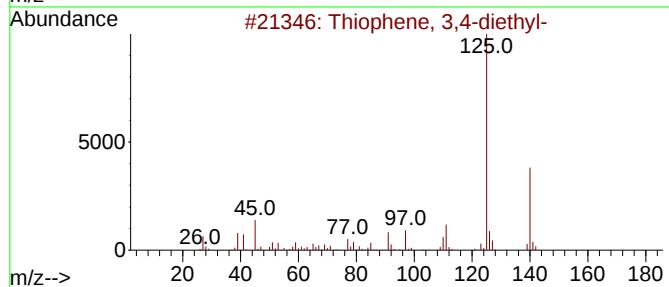
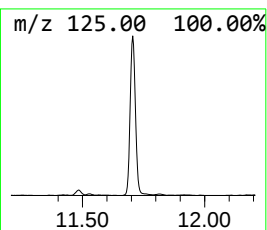
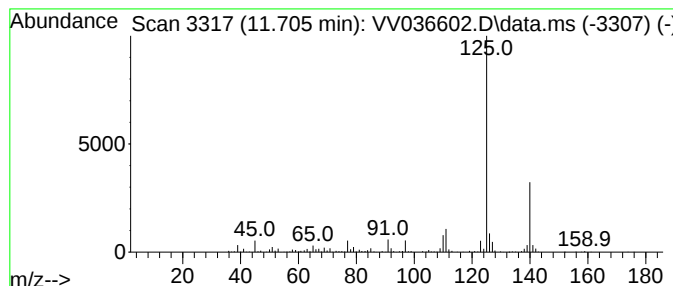
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Quant Title : VOC Analysis

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

Peak Number 22 Thiophene, 3,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.706	4.87 ug/L	374384	1,4-Dichlorobenzene-d4	11.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 3,4-diethyl-	140	C8H12S	035686-14-7	90
2			2,3,4,5-Tetramethylcyclopent-2-e...	140	C9H16O	082061-20-9	78
3			Thiophene, 3-(1,1-dimethylethyl)-	140	C8H12S	001689-79-8	64
4			Thiophene, 3-(1,1-dimethylethyl)-	140	C8H12S	001689-79-8	64
5			Thiophene, 2,5-diethyl-	140	C8H12S	005069-23-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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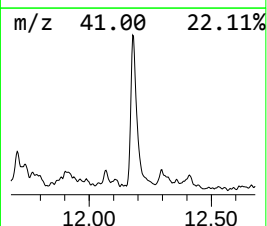
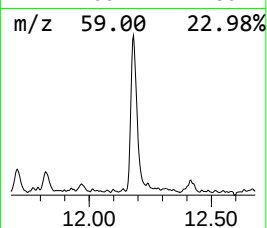
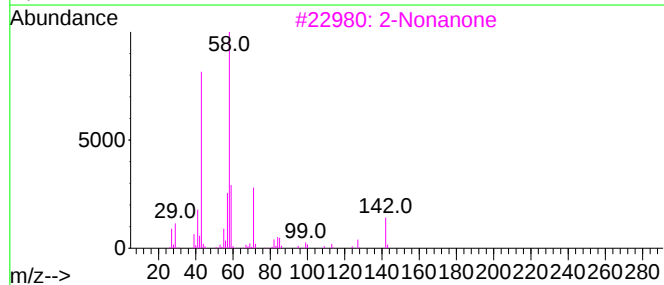
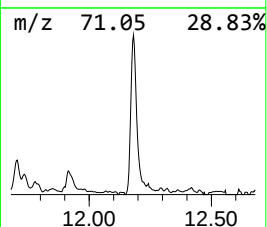
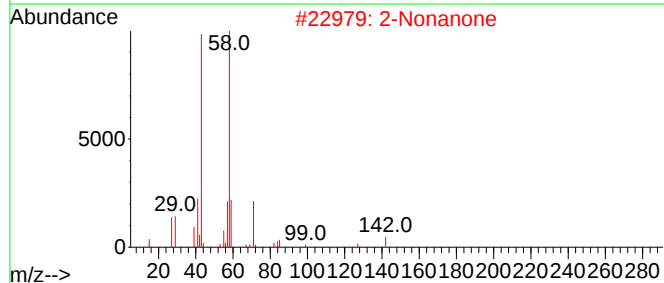
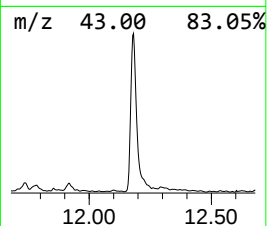
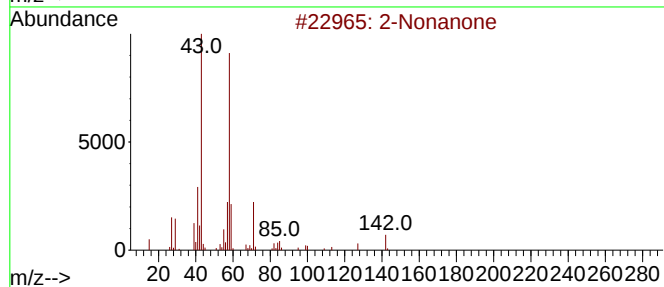
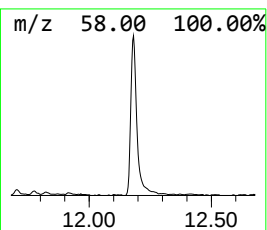
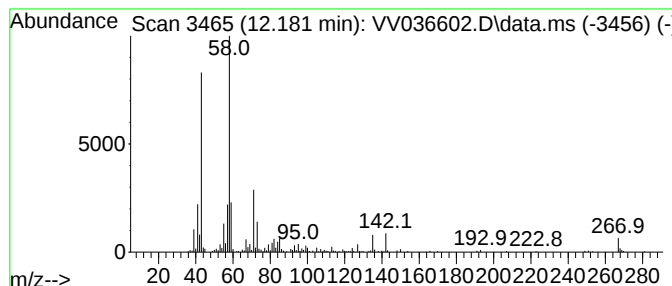
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Quant Title : VOC Analysis

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

Peak Number 23 2-Nonanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.181	3.75 ug/L	288203	1,4-Dichlorobenzene-d4	11.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone			142	C9H18O	000821-55-6	87
2	2-Nonanone			142	C9H18O	000821-55-6	81
3	2-Nonanone			142	C9H18O	000821-55-6	81
4	2-Dodecanone			184	C12H24O	006175-49-1	64
5	2-Dodecanone			184	C12H24O	006175-49-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036602.D
Acq On : 18 Jul 2024 15:13
Operator : SY/MD
Sample : P3298-06
Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB26

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	8.452	5.5	ug/L	409807	2	8.882	1848550	25.0
(DEL) Alkane: C...	8.484	30.8	ug/L	2278100	2	8.882	1848550	25.0
(DEL) Alkane: C...	8.670	18.0	ug/L	1331190	2	8.882	1848550	25.0
(DEL) Alkane: S...	8.702	18.9	ug/L	1397480	2	8.882	1848550	25.0
unknown-01	8.812	30.6	ug/L	2264290	2	8.882	1848550	25.0
Pentalene, octa...	8.966	4.1	ug/L	301996	2	8.882	1848550	25.0
(DEL) Alkane: S...	9.194	30.3	ug/L	2237320	2	8.882	1848550	25.0
(DEL) Alkane: S...	9.243	12.5	ug/L	921056	2	8.882	1848550	25.0
unknown-02	9.313	2.1	ug/L	159074	2	8.882	1848550	25.0
(DEL) Alkane: C...	9.458	10.8	ug/L	799987	2	8.882	1848550	25.0
Cyclohexane, me...	9.686	6.5	ug/L	478423	2	8.882	1848550	25.0
(DEL) Alkane: C...	9.773	7.4	ug/L	545102	2	8.882	1848550	25.0
4-Heptanone, 3-...	10.111	2.0	ug/L	157302	3	11.201	1922660	25.0
Benzene, propyl-	10.320	3.0	ug/L	234681	3	11.201	1922660	25.0
Benzene, 1-ethy...	10.410	11.9	ug/L	916316	3	11.201	1922660	25.0
Benzene, 1-ethy...	10.696	2.2	ug/L	170148	3	11.201	1922660	25.0
Dimethyl trisul...	10.747	2.0	ug/L	154793	3	11.201	1922660	25.0
unknown-03	11.487	1.8	ug/L	139311	3	11.201	1922660	25.0
Thiophene, 3,4-...	11.706	4.9	ug/L	374384	3	11.201	1922660	25.0
2-Nonanone	12.181	3.8	ug/L	288203	3	11.201	1922660	25.0