

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036187.D
 Acq On : 21 Jun 2024 01:35
 Operator : SY/MD
 Sample : P2962-18
 Misc : 2.45g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T92

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\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV036187.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	65	72	85	rBV	253636	281506	15.23%	1.491%
2	1.526	144	151	165	rVB	207743	245866	13.31%	1.303%
3	2.050	304	314	329	rVB	434579	641070	34.69%	3.396%
4	2.153	335	346	348	rBV2	12176	20429	1.11%	0.108%
5	2.439	424	435	455	rBV	204286	357086	19.32%	1.892%
6	2.642	481	498	499	rBV2	12209	23574	1.28%	0.125%
7	2.963	585	598	616	rBV2	23239	48539	2.63%	0.257%
8	3.085	634	636	642	rVB3	449	347	0.02%	0.002%
9	3.188	664	668	672	rBV3	420	403	0.02%	0.002%
10	3.249	682	687	694	rVB5	439	560	0.03%	0.003%
11	3.362	718	722	729	rBV4	351	378	0.02%	0.002%
12	3.426	737	742	745	rBV2	316	288	0.02%	0.002%
13	3.452	747	750	754	rVB4	392	353	0.02%	0.002%
14	3.690	820	824	830	rBV3	562	565	0.03%	0.003%
15	3.834	855	869	909	rBV2	24663	116677	6.31%	0.618%
16	4.243	979	996	1029	rBV	292835	772592	41.81%	4.093%
17	4.378	1036	1038	1046	rVB8	936	780	0.04%	0.004%
18	4.487	1068	1072	1075	rBV3	745	626	0.03%	0.003%
19	4.651	1120	1123	1130	rVB3	493	497	0.03%	0.003%
20	4.706	1138	1140	1146	rBV3	565	527	0.03%	0.003%
21	4.818	1165	1175	1177	rBV6	969	1379	0.07%	0.007%
22	4.950	1200	1216	1257	rBV2	715431	1847804	100.00%	9.789%
23	5.265	1309	1314	1315	rBV2	701	497	0.03%	0.003%
24	5.416	1356	1361	1365	rVV5	1050	1263	0.07%	0.007%
25	5.436	1365	1367	1370	rVV3	740	423	0.02%	0.002%
26	5.461	1370	1375	1378	rVB4	575	486	0.03%	0.003%
27	5.529	1385	1396	1436	rBV	642032	1358763	73.53%	7.198%
28	5.825	1477	1488	1513	rVB	30516	70217	3.80%	0.372%
29	5.986	1525	1538	1566	rBV	402549	853927	46.21%	4.524%
30	6.256	1619	1622	1626	rVB2	810	606	0.03%	0.003%
31	6.375	1655	1659	1663	rBV5	843	836	0.05%	0.004%
32	6.413	1669	1671	1676	rVB2	619	419	0.02%	0.002%
33	6.439	1676	1679	1682	rBV3	485	432	0.02%	0.002%
34	6.506	1697	1700	1704	rBV2	468	358	0.02%	0.002%
35	6.548	1708	1713	1715	rBV4	417	420	0.02%	0.002%
36	6.609	1730	1732	1736	rVB2	461	290	0.02%	0.002%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\SFAMVLM053024SMA.M
 Title : VOC Analysis

37	6.648	1740	1744	1747	rVB4	554	377	0.02%	0.002%
38	6.767	1775	1781	1787	rBV4	505	641	0.03%	0.003%
39	6.847	1800	1806	1810	rBV4	1145	1328	0.07%	0.007%
40	6.912	1814	1826	1852	rBV	191154	371329	20.10%	1.967%
41	7.076	1869	1877	1888	rVB8	4083	8928	0.48%	0.047%
42	7.185	1903	1911	1913	rBV6	3011	3260	0.18%	0.017%
43	7.240	1917	1928	1962	rVV	853158	1516331	82.06%	8.033%
44	7.503	2005	2010	2016	rVB7	2045	2445	0.13%	0.013%
45	7.555	2016	2026	2058	rBV	121822	240326	13.01%	1.273%
46	7.818	2106	2108	2110	rBV2	495	324	0.02%	0.002%
47	7.873	2112	2125	2145	rVB	32049	64888	3.51%	0.344%
48	7.989	2157	2161	2163	rBV3	603	557	0.03%	0.003%
49	8.030	2164	2174	2204	rBV	124508	275207	14.89%	1.458%
50	8.365	2269	2278	2282	rBV6	3099	4174	0.23%	0.022%
51	8.423	2291	2296	2300	rBV3	777	631	0.03%	0.003%
52	8.603	2344	2352	2360	rVB7	2815	4442	0.24%	0.024%
53	8.661	2368	2370	2373	rVB3	526	336	0.02%	0.002%
54	8.725	2382	2390	2396	rBV6	2405	3792	0.21%	0.020%
55	8.783	2396	2408	2442	rBV	1034051	1727606	93.50%	9.152%
56	9.095	2496	2505	2511	rBV8	2304	3425	0.19%	0.018%
57	9.140	2512	2519	2529	rVB8	2732	5027	0.27%	0.027%
58	9.243	2547	2551	2552	rBV2	492	303	0.02%	0.002%
59	9.304	2564	2570	2571	rBV3	340	283	0.02%	0.001%
60	9.349	2581	2584	2588	rBV2	366	361	0.02%	0.002%
61	9.400	2593	2600	2601	rBV5	1383	1210	0.07%	0.006%
62	9.477	2621	2624	2625	rBV2	549	335	0.02%	0.002%
63	9.603	2658	2663	2664	rBV3	738	571	0.03%	0.003%
64	9.638	2671	2674	2676	rBV4	1245	978	0.05%	0.005%
65	9.728	2696	2702	2709	rBV7	3187	4987	0.27%	0.026%
66	9.786	2715	2720	2726	rVB5	942	1139	0.06%	0.006%
67	9.831	2731	2734	2736	rBV2	540	300	0.02%	0.002%
68	9.847	2736	2739	2741	rBV3	725	548	0.03%	0.003%
69	9.960	2765	2774	2777	rBV6	1702	1941	0.11%	0.010%
70	10.024	2791	2794	2799	rBV7	1038	912	0.05%	0.005%
71	10.098	2813	2817	2818	rBV3	678	499	0.03%	0.003%
72	10.153	2822	2834	2859	rVV	330900	544455	29.46%	2.884%
73	10.326	2874	2888	2900	rBV	34845	60021	3.25%	0.318%
74	10.452	2917	2927	2934	rBV10	3013	5746	0.31%	0.030%
75	10.574	2963	2965	2969	rVB2	549	282	0.02%	0.001%
76	10.680	2983	2998	2999	rBV8	3336	5284	0.29%	0.028%

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Title : VOC Analysis

77	10.709	3002	3007	3023	rVB4	12662	20927	1.13%	0.111%
78	10.818	3036	3041	3048	rVB7	4728	5614	0.30%	0.030%
79	10.950	3077	3082	3083	rBV3	784	563	0.03%	0.003%
80	10.969	3084	3088	3089	rBV4	1310	922	0.05%	0.005%
81	10.998	3094	3097	3100	rVV3	1316	1028	0.06%	0.005%
82	11.088	3119	3125	3132	rBV6	3865	5405	0.29%	0.029%
83	11.181	3144	3154	3179	rBV	1099381	1715794	92.86%	9.090%
84	11.400	3216	3222	3233	rVB10	6608	10475	0.57%	0.055%
85	11.442	3233	3235	3237	rBV2	1402	635	0.03%	0.003%
86	11.484	3238	3248	3256	rBV3	27656	55241	2.99%	0.293%
87	11.558	3261	3271	3293	rVB	892032	1437215	77.78%	7.614%
88	11.876	3357	3370	3377	rBV	8278	18740	1.01%	0.099%
89	12.062	3421	3428	3433	rBV8	7718	12661	0.69%	0.067%
90	12.194	3458	3469	3478	rBV2	46173	79898	4.32%	0.423%
91	12.307	3496	3504	3511	rBV7	16117	30002	1.62%	0.159%
92	12.403	3527	3534	3543	rBV2	31960	49499	2.68%	0.262%
93	12.532	3568	3574	3583	rVB3	16689	22026	1.19%	0.117%
94	12.818	3657	3663	3681	rVB3	35705	62629	3.39%	0.332%
95	12.979	3707	3713	3737	rVB2	56344	117794	6.37%	0.624%
96	14.750	4256	4264	4279	rBV	384568	602339	32.60%	3.191%
97	15.355	4445	4452	4461	rBV	389027	525944	28.46%	2.786%
98	15.599	4519	4528	4545	rBV	647978	1106861	59.90%	5.864%
99	15.744	4565	4573	4579	rBV	648078	953784	51.62%	5.053%
100	16.911	4929	4936	4958	rVB3	298934	523756	28.34%	2.775%

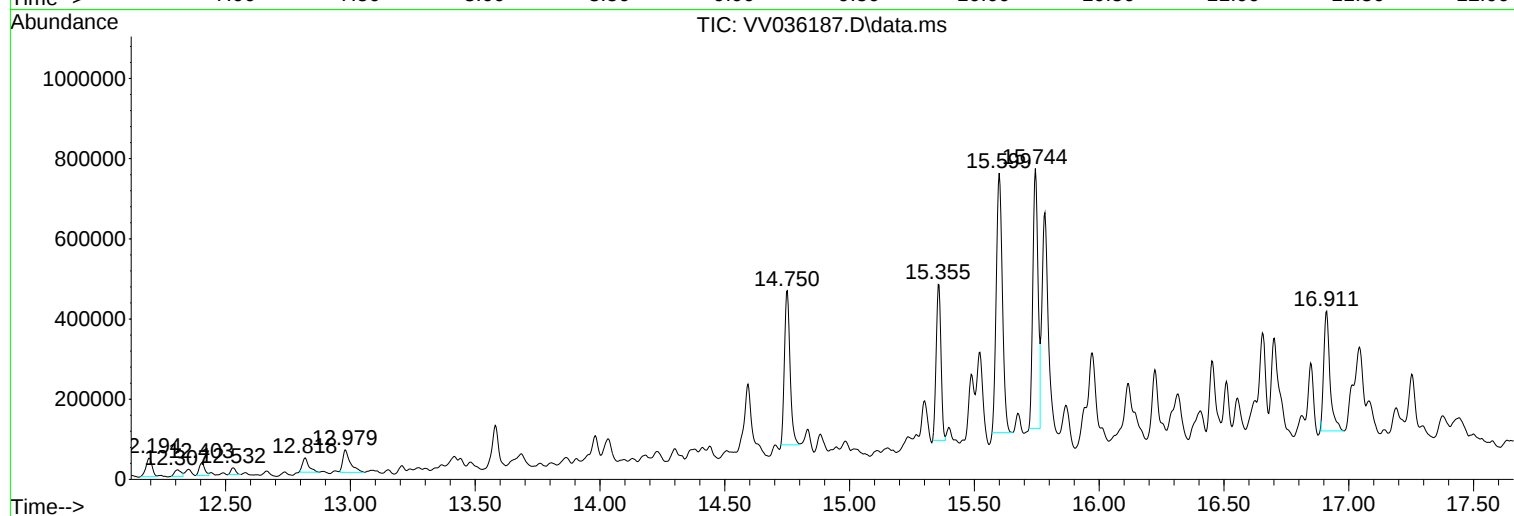
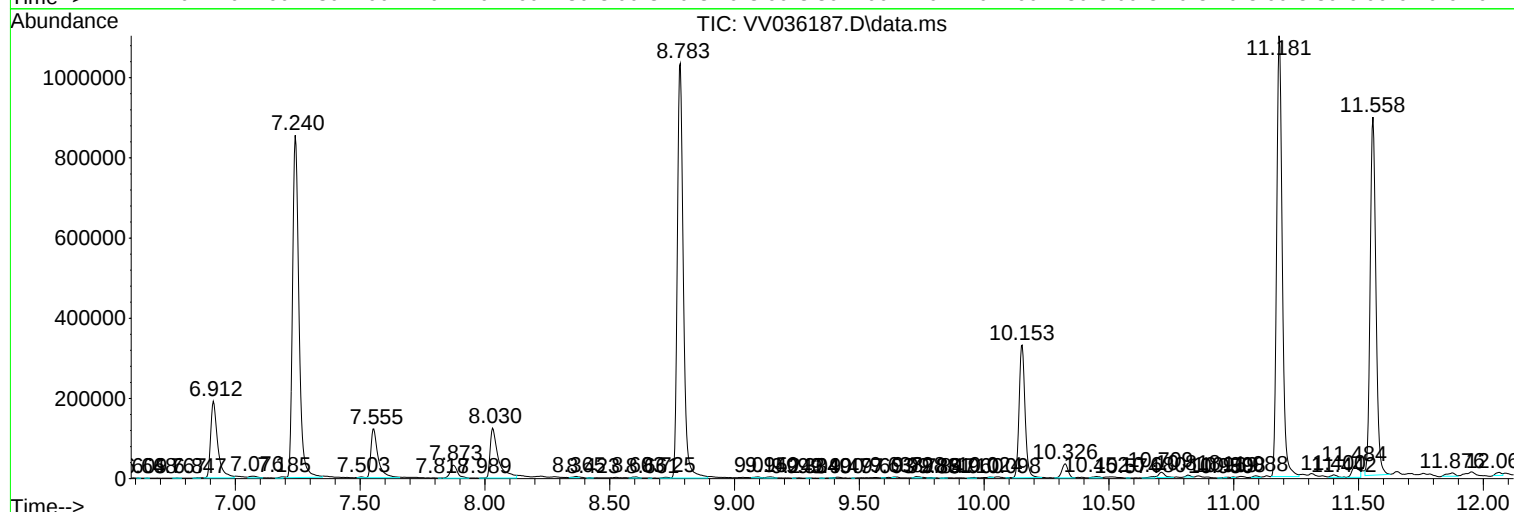
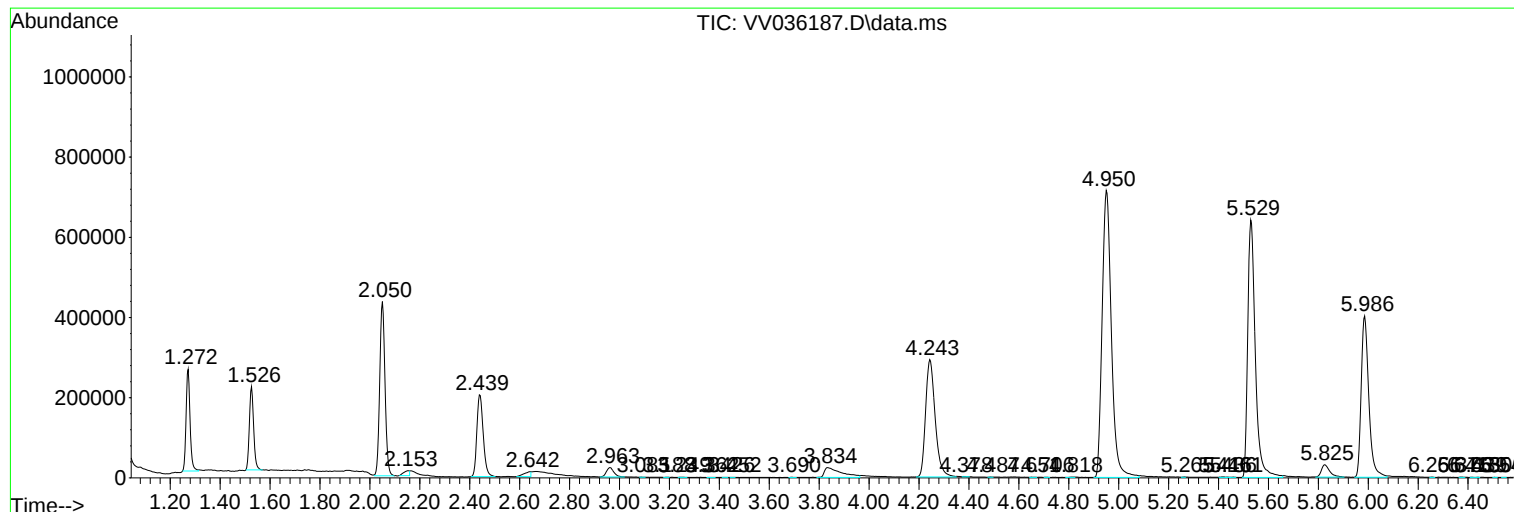
Sum of corrected areas: 18876064

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Instrument :
MSVOA_V
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C0T92

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



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Instrument :
MSVOA_V
ClientSampleId :
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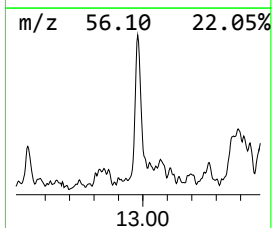
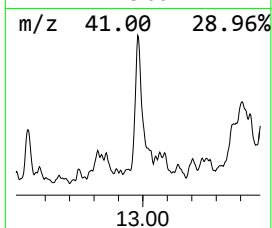
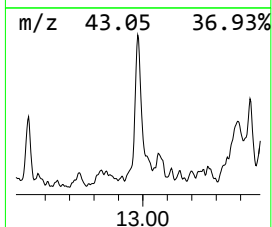
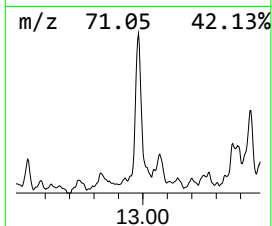
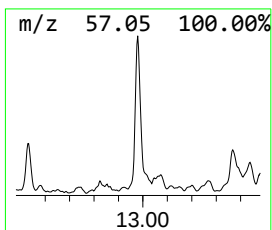
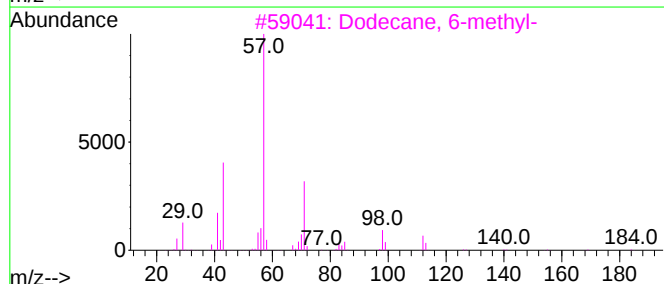
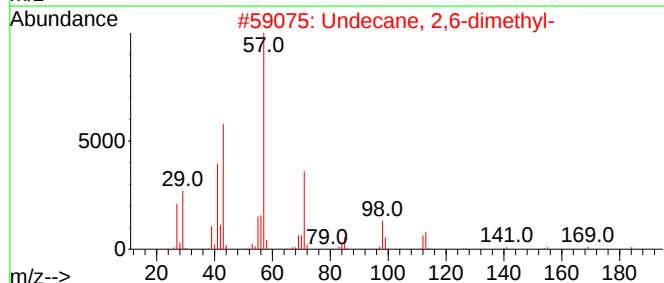
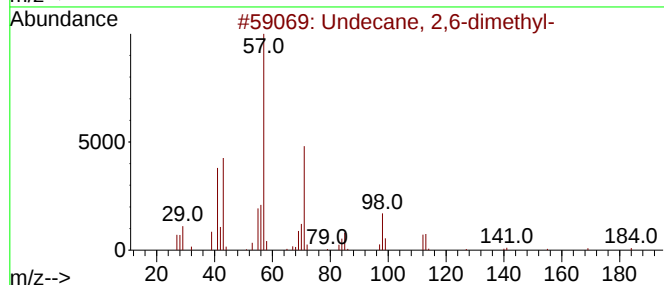
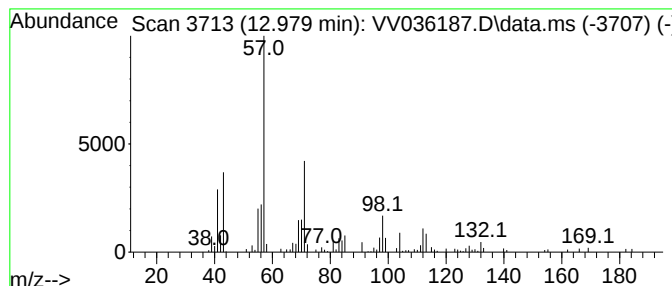
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.979	1.72 ug/L	117794	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	81
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
5			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64



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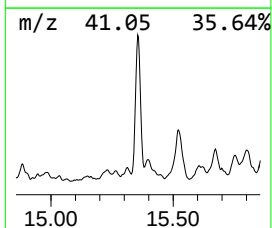
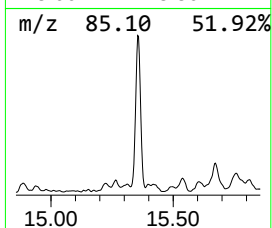
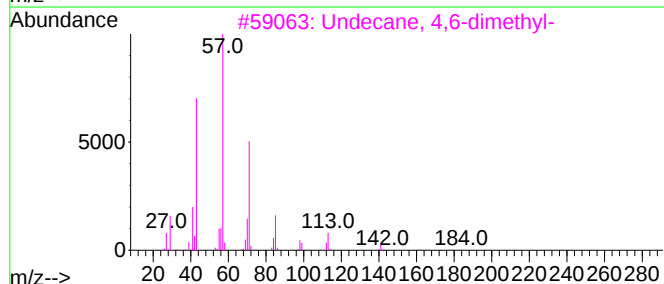
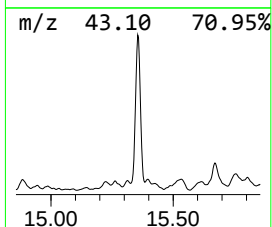
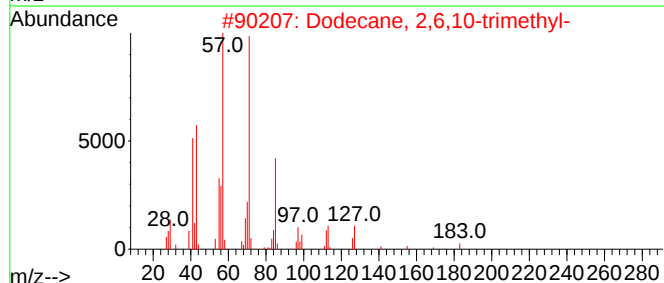
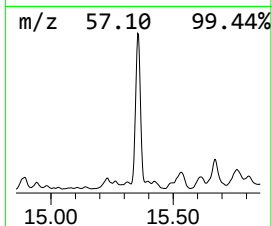
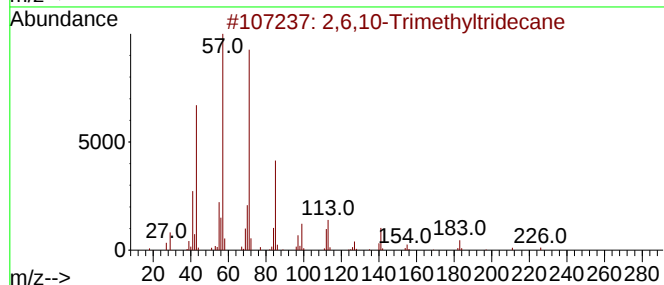
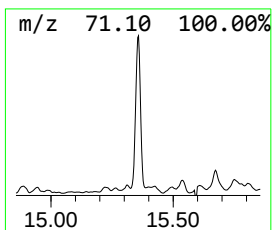
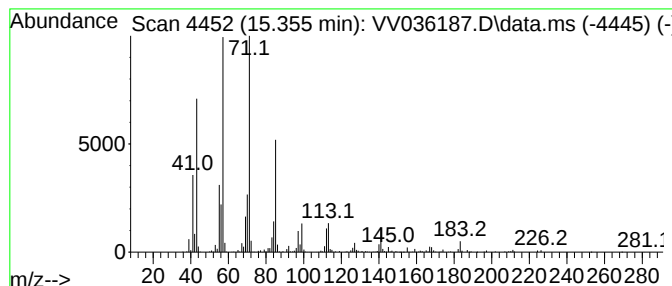
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.355	7.66 ug/L	525944	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	96
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	76
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	74



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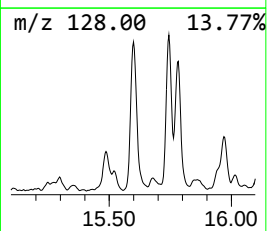
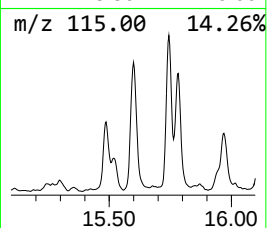
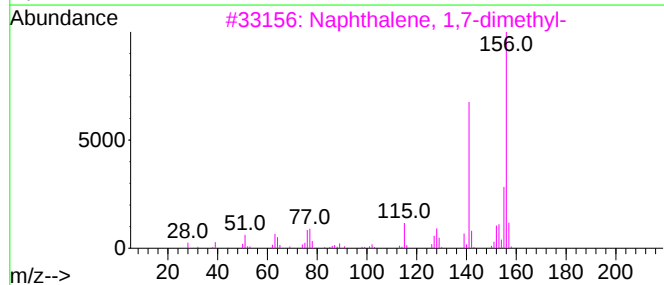
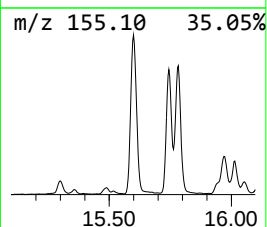
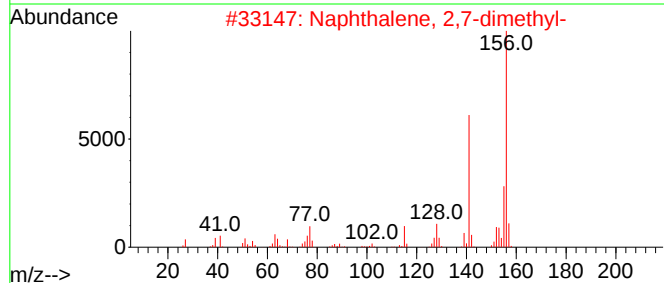
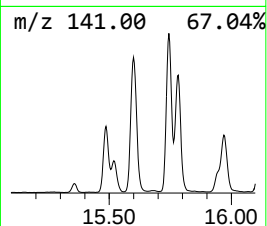
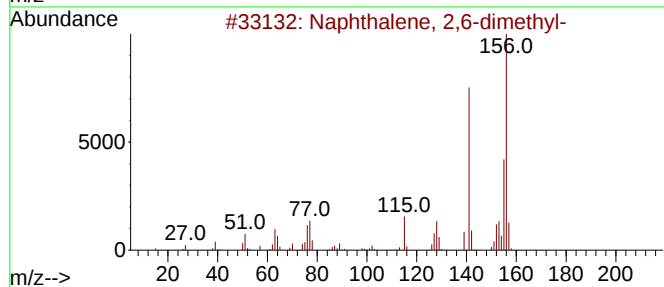
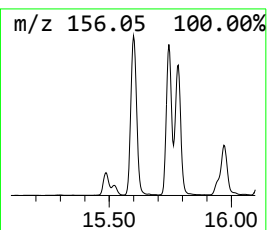
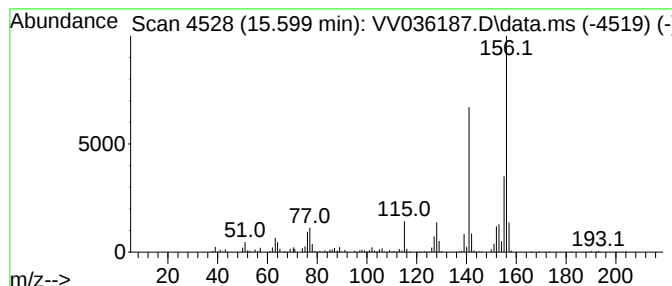
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.599	16.13 ug/L	1106860	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036187.D
Acq On : 21 Jun 2024 01:35
Operator : SY/MD
Sample : P2962-18
Misc : 2.45g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T92

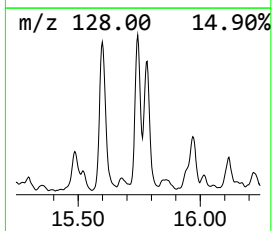
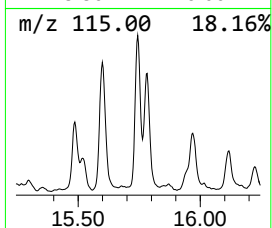
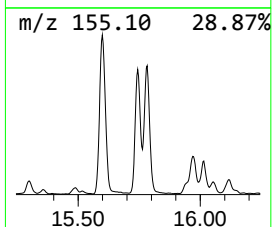
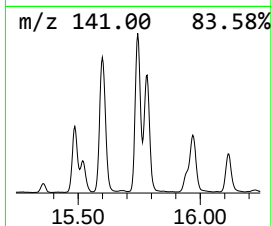
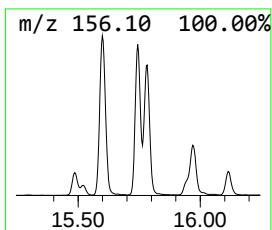
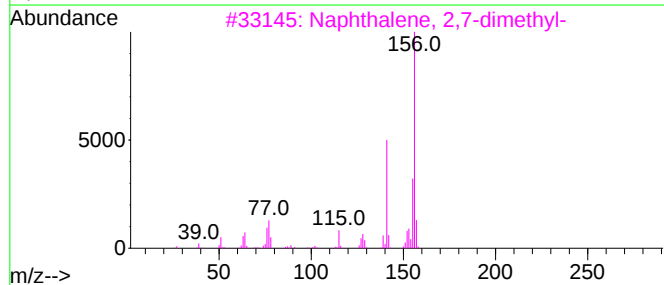
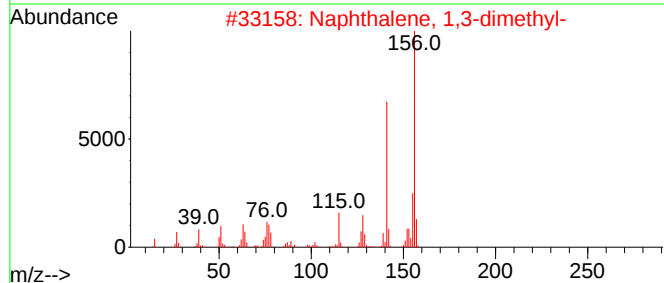
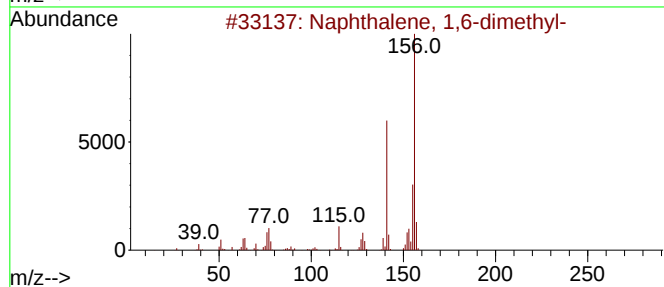
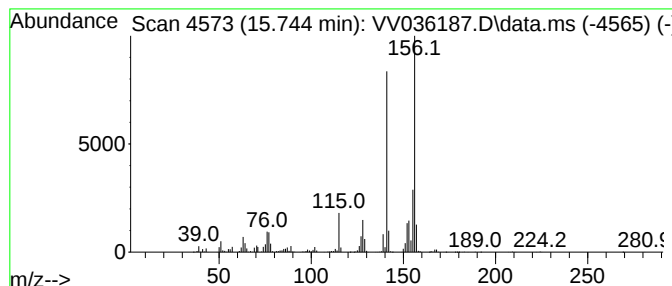
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.744	13.90 ug/L	953784	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036187.D
Acq On : 21 Jun 2024 01:35
Operator : SY/MD
Sample : P2962-18
Misc : 2.45g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T92

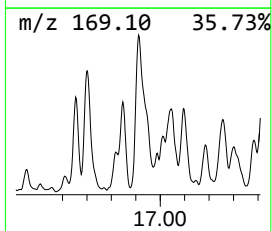
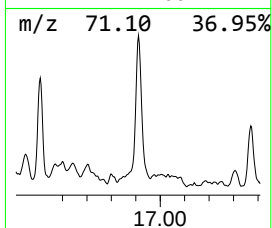
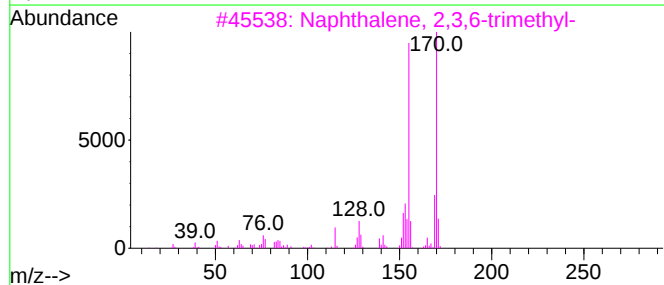
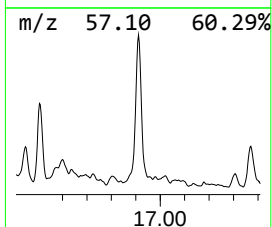
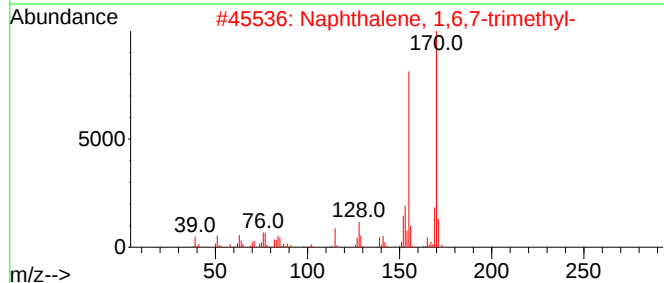
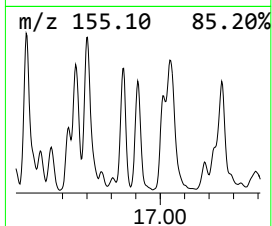
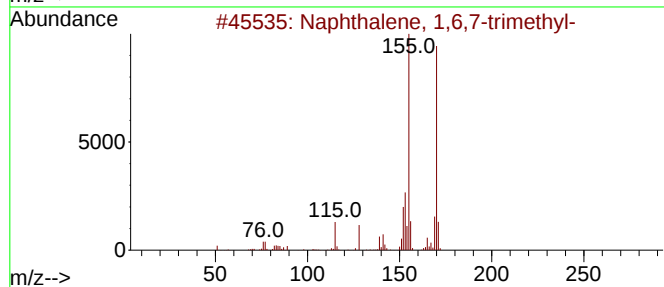
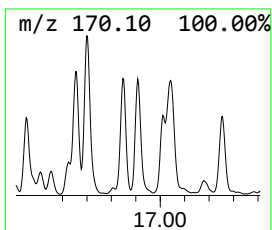
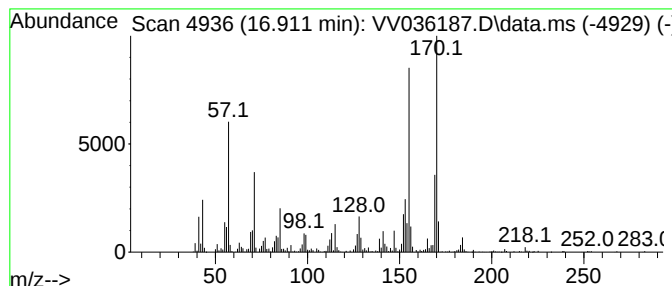
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.911	7.63 ug/L	523756	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036187.D
Acq On : 21 Jun 2024 01:35
Operator : SY/MD
Sample : P2962-18
Misc : 2.45g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T92

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	12.979	1.7	ug/L	117794	3	11.182	1715790	25.0
(DEL) Alkane: S...	15.355	7.7	ug/L	525944	3	11.182	1715790	25.0
Naphthalene, 2,...	15.599	16.1	ug/L	1106860	3	11.182	1715790	25.0
Naphthalene, 1,...	15.744	13.9	ug/L	953784	3	11.182	1715790	25.0
Naphthalene, 1,...	16.911	7.6	ug/L	523756	3	11.182	1715790	25.0