

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036310.D
 Acq On : 27 Jun 2024 15:46
 Operator : SY/MD
 Sample : P3035-06
 Misc : 5.54g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CX1

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\SFAMVLM062724SMA.M

Title : VOC Analysis

Signal : TIC: VV036310.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	66	72	90	rVB	263969	288642	16.02%	2.279%
2	1.526	144	151	164	rVB	230973	272739	15.13%	2.154%
3	2.050	305	314	329	rVB	479561	685944	38.06%	5.417%
4	2.442	424	436	453	rBV	66580	113611	6.30%	0.897%
5	2.584	479	480	487	rVB2	530	401	0.02%	0.003%
6	2.622	487	492	496	rBV2	379	326	0.02%	0.003%
7	2.706	516	518	522	rVV3	670	541	0.03%	0.004%
8	2.776	537	540	545	rVB2	448	488	0.03%	0.004%
9	2.812	545	551	555	rBV3	431	517	0.03%	0.004%
10	2.960	582	597	612	rBV4	9114	19513	1.08%	0.154%
11	3.079	629	634	640	rVB2	551	476	0.03%	0.004%
12	3.172	659	663	665	rBV3	350	278	0.02%	0.002%
13	3.246	681	686	688	rBV2	359	298	0.02%	0.002%
14	3.519	764	771	775	rBV	398	409	0.02%	0.003%
15	3.844	858	872	902	rBV2	21625	103118	5.72%	0.814%
16	4.243	980	996	1031	rBV	300162	796382	44.19%	6.289%
17	4.674	1128	1130	1133	rBV2	448	328	0.02%	0.003%
18	4.744	1147	1152	1158	rVB5	510	564	0.03%	0.004%
19	4.786	1158	1165	1166	rBV2	326	315	0.02%	0.002%
20	4.809	1171	1172	1178	rVB2	359	288	0.02%	0.002%
21	4.950	1199	1216	1250	rBV2	711531	1802178	100.00%	14.231%
22	5.320	1328	1331	1334	rVV3	493	310	0.02%	0.002%
23	5.464	1373	1376	1380	rBV3	278	294	0.02%	0.002%
24	5.529	1384	1396	1435	rBV	662165	1392262	77.25%	10.994%
25	5.825	1478	1488	1510	rVB	20617	46550	2.58%	0.368%
26	5.985	1523	1538	1574	rBV	386573	827226	45.90%	6.532%
27	6.236	1614	1616	1619	rVB2	1034	603	0.03%	0.005%
28	6.329	1640	1645	1647	rBV3	419	331	0.02%	0.003%
29	6.413	1667	1671	1676	rVB4	717	831	0.05%	0.007%
30	6.439	1676	1679	1680	rBV	487	290	0.02%	0.002%
31	6.455	1680	1684	1688	rBV4	308	299	0.02%	0.002%
32	6.509	1698	1701	1702	rBV2	590	281	0.02%	0.002%
33	6.680	1751	1754	1760	rVB3	522	420	0.02%	0.003%
34	6.911	1816	1826	1846	rBV	167633	324983	18.03%	2.566%
35	7.181	1905	1910	1913	rBV3	557	424	0.02%	0.003%
36	7.239	1913	1928	1956	rBV	756321	1339034	74.30%	10.574%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Title : VOC Analysis

37	7.500	2004	2009	2010	rBV4	1470	1266	0.07%	0.010%
38	7.554	2017	2026	2053	rBV	104555	201768	11.20%	1.593%
39	7.744	2083	2085	2088	rBV3	518	298	0.02%	0.002%
40	7.873	2116	2125	2135	rVV2	12264	20966	1.16%	0.166%
41	7.982	2155	2159	2164	rBV4	325	340	0.02%	0.003%
42	8.030	2166	2174	2199	rBV2	99485	222046	12.32%	1.753%
43	8.281	2247	2252	2254	rBV5	1035	877	0.05%	0.007%
44	8.423	2289	2296	2299	rBV4	1020	913	0.05%	0.007%
45	8.548	2332	2335	2337	rBV2	650	480	0.03%	0.004%
46	8.561	2337	2339	2342	rVB2	599	366	0.02%	0.003%
47	8.577	2342	2344	2347	rBV2	458	321	0.02%	0.003%
48	8.664	2369	2371	2375	rVB3	481	314	0.02%	0.002%
49	8.725	2386	2390	2393	rBV4	344	333	0.02%	0.003%
50	8.783	2397	2408	2437	rBV	847333	1407596	78.11%	11.115%
51	9.008	2474	2478	2479	rBV4	749	591	0.03%	0.005%
52	9.091	2500	2504	2508	rVB4	1059	864	0.05%	0.007%
53	9.281	2560	2563	2567	rBV4	406	363	0.02%	0.003%
54	9.339	2578	2581	2583	rBV3	448	300	0.02%	0.002%
55	9.484	2622	2626	2630	rVV4	428	425	0.02%	0.003%
56	9.654	2675	2679	2682	rVV4	716	616	0.03%	0.005%
57	9.686	2684	2689	2691	rVV3	1235	1053	0.06%	0.008%
58	9.699	2691	2693	2698	rVV	452	283	0.02%	0.002%
59	9.728	2699	2702	2710	rVB5	866	1072	0.06%	0.008%
60	9.773	2710	2716	2722	rBV4	1003	1372	0.08%	0.011%
61	9.837	2730	2736	2744	rVB6	1760	2690	0.15%	0.021%
62	9.895	2752	2754	2757	rVB3	728	339	0.02%	0.003%
63	9.943	2767	2769	2773	rVV3	430	293	0.02%	0.002%
64	10.062	2798	2806	2812	rVV6	2550	3699	0.21%	0.029%
65	10.152	2820	2834	2857	rBV	236097	385387	21.38%	3.043%
66	10.255	2861	2866	2870	rBV6	965	1064	0.06%	0.008%
67	10.323	2876	2887	2899	rVB	38990	62870	3.49%	0.496%
68	10.406	2911	2913	2916	rVB5	578	341	0.02%	0.003%
69	10.445	2922	2925	2931	rBV5	921	817	0.05%	0.006%
70	10.487	2931	2938	2940	rBV5	1240	1457	0.08%	0.012%
71	10.615	2976	2978	2980	rVV3	487	289	0.02%	0.002%
72	10.628	2980	2982	2985	rVB3	496	295	0.02%	0.002%
73	10.676	2994	2997	3002	rBV4	713	614	0.03%	0.005%
74	10.702	3002	3005	3007	rBV4	627	364	0.02%	0.003%
75	10.767	3020	3025	3026	rBV3	1102	993	0.06%	0.008%
76	10.812	3035	3039	3041	rBV3	948	869	0.05%	0.007%

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 Title : VOC Analysis

77	10.853	3046	3052	3066	rVV5	7030	12040	0.67%	0.095%
78	10.902	3066	3067	3072	rVB3	917	418	0.02%	0.003%
79	10.969	3077	3088	3095	rBV6	2982	5172	0.29%	0.041%
80	11.082	3114	3123	3132	rBV3	11021	17972	1.00%	0.142%
81	11.130	3133	3138	3144	rVB7	3578	4188	0.23%	0.033%
82	11.184	3144	3155	3173	rBV	492479	795896	44.16%	6.285%
83	11.323	3191	3198	3205	rBV3	8214	13445	0.75%	0.106%
84	11.493	3238	3251	3260	rBV8	12639	31907	1.77%	0.252%
85	11.557	3261	3271	3297	rVB	383057	633313	35.14%	5.001%
86	12.136	3447	3451	3453	rBV4	1186	947	0.05%	0.007%
87	12.194	3460	3469	3480	rVB2	22554	37690	2.09%	0.298%
88	12.274	3491	3494	3496	rBV4	853	645	0.04%	0.005%
89	12.300	3496	3502	3513	rVV4	4565	9758	0.54%	0.077%
90	12.403	3528	3534	3541	rBV7	4175	6011	0.33%	0.047%
91	12.615	3595	3600	3611	rBV5	6407	8472	0.47%	0.067%
92	12.828	3658	3666	3673	rBV8	6348	9109	0.51%	0.072%
93	13.207	3779	3784	3792	rVB10	2809	3774	0.21%	0.030%
94	14.593	4206	4215	4225	rBV6	18405	31726	1.76%	0.251%
95	14.753	4257	4265	4281	rBV	31961	59222	3.29%	0.468%
96	15.358	4446	4453	4460	rVB	57055	73756	4.09%	0.582%
97	15.490	4489	4494	4499	rBV2	21517	29940	1.66%	0.236%
98	15.602	4521	4529	4545	rVB2	97452	167855	9.31%	1.325%
99	15.747	4566	4574	4580	rBV	99789	157325	8.73%	1.242%
100	16.911	4930	4936	4957	rVB	120550	204503	11.35%	1.615%

Sum of corrected areas: 12663782

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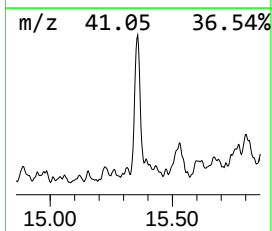
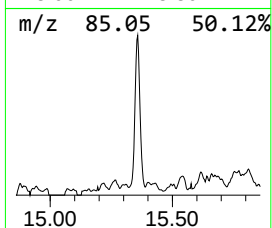
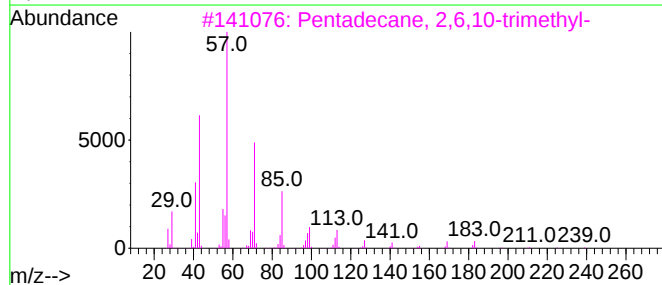
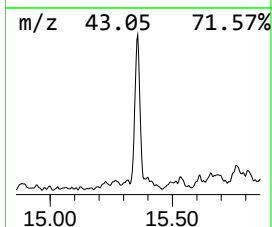
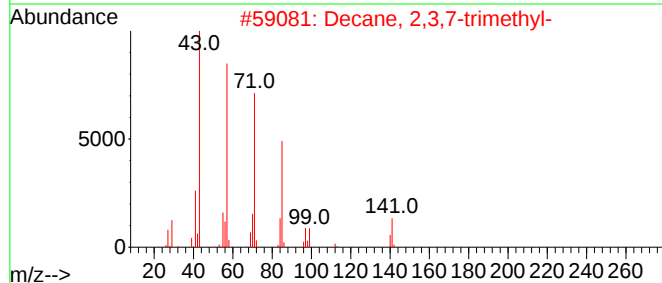
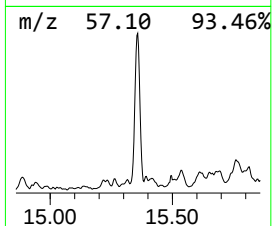
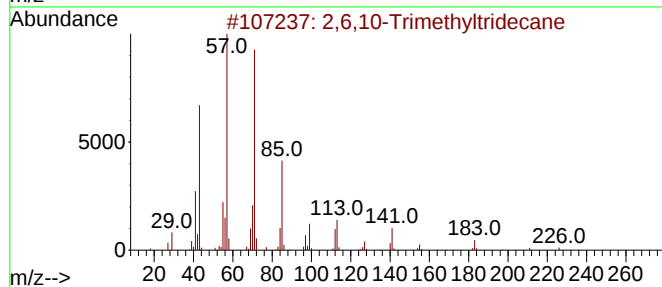
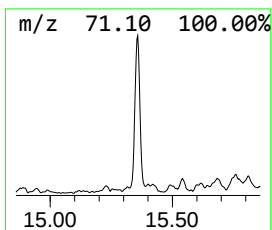
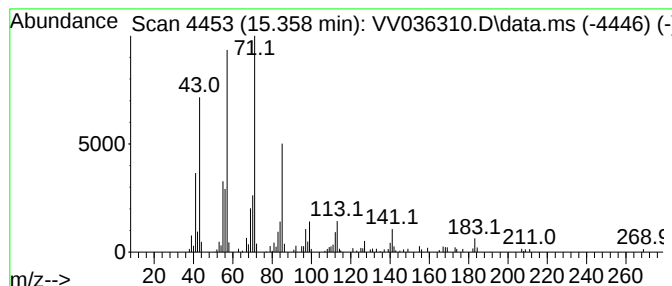
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	2.32 ug/L	73756	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	91
2		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	80
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
4		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
5		Heptacosane	380	C27H56	000593-49-7	64



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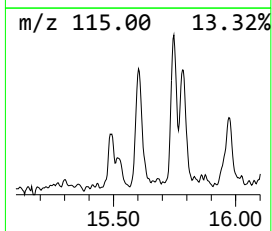
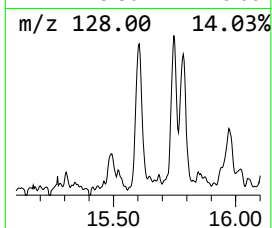
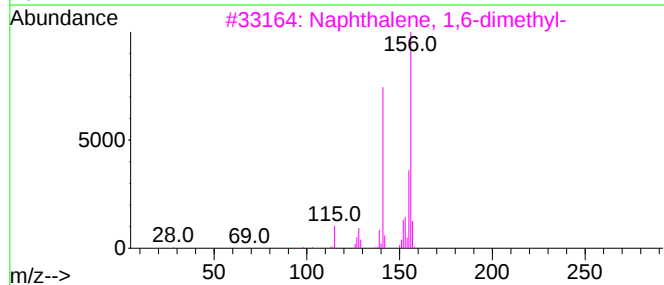
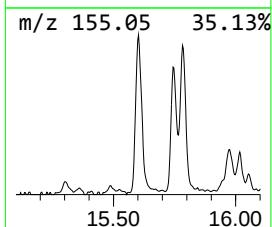
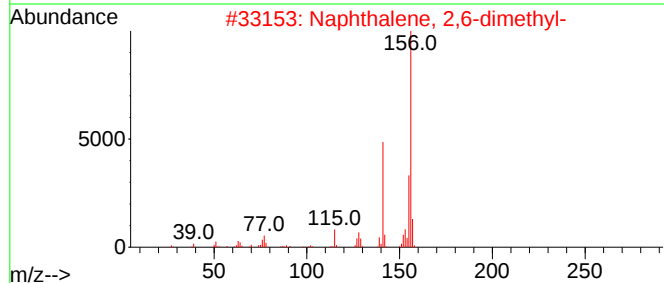
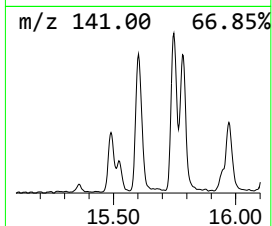
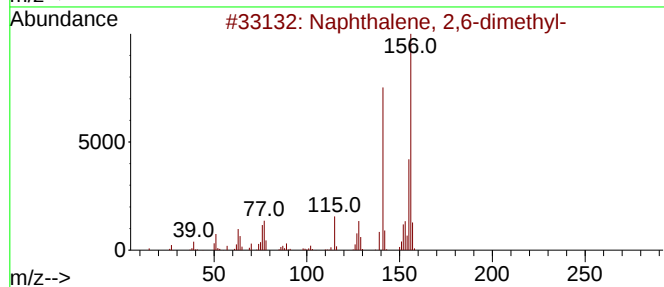
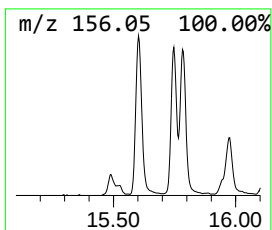
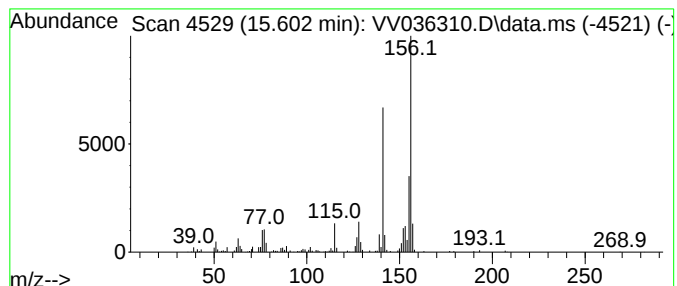
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.602	5.27 ug/L	167855	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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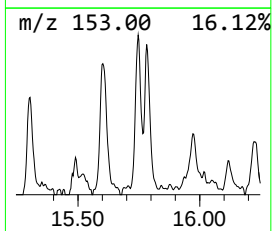
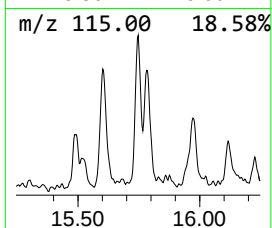
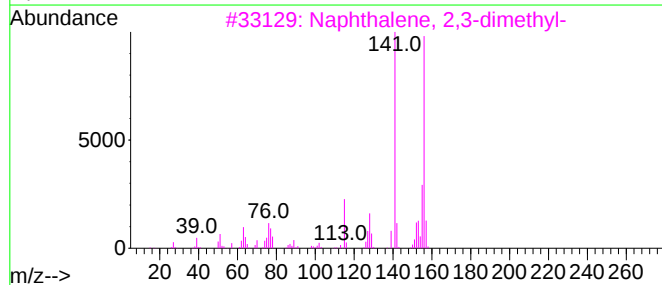
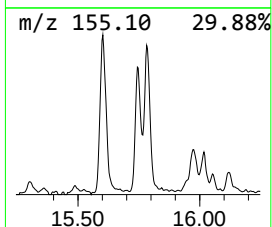
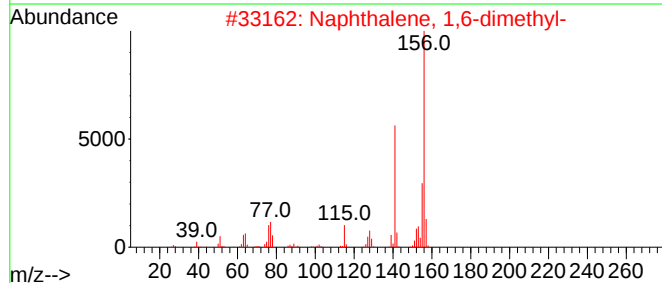
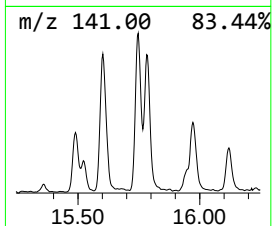
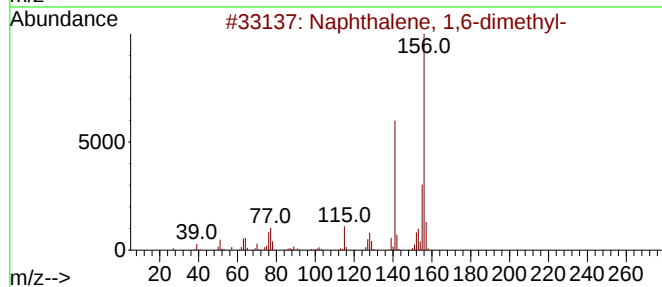
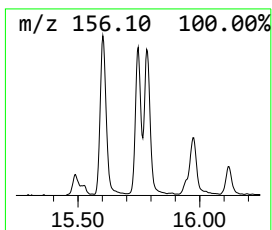
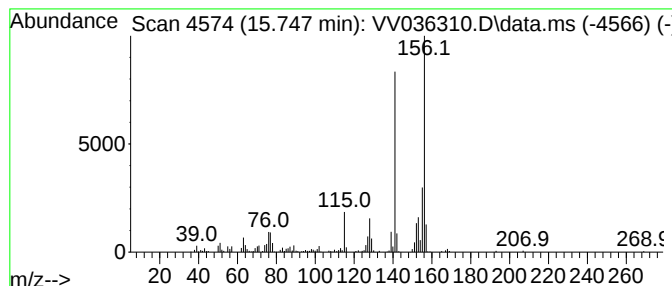
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.747	4.94 ug/L	157325	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



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ClientSampleId :
A4CX1

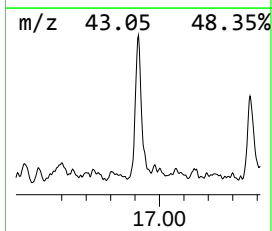
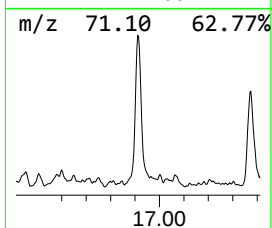
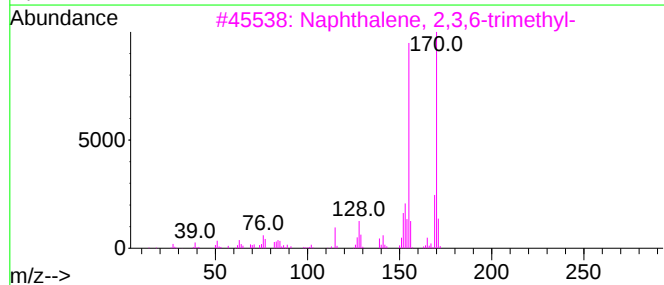
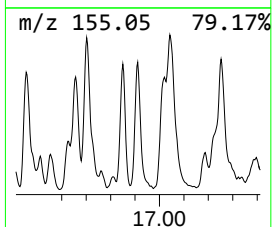
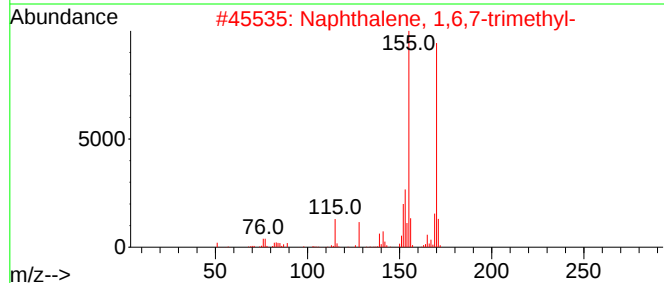
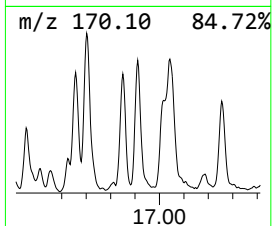
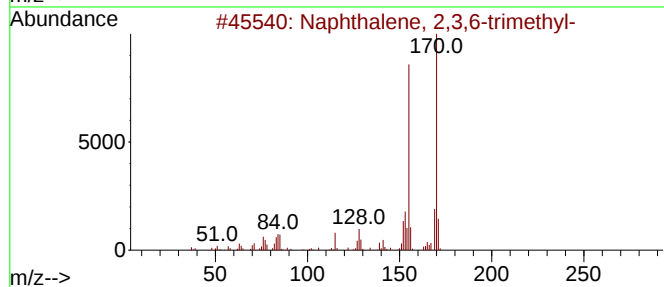
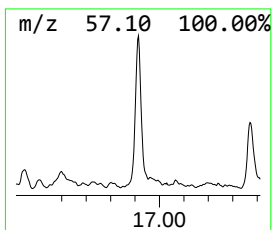
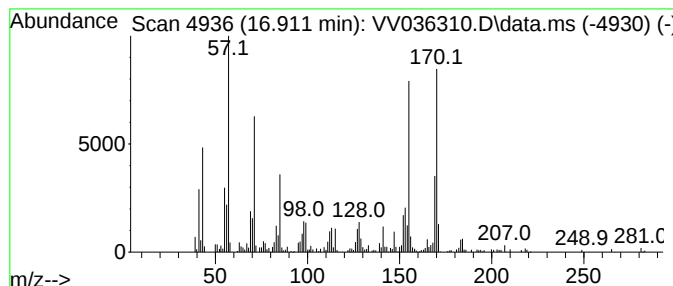
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.911	6.42 ug/L	204503	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
Data File : VV036310.D
Acq On : 27 Jun 2024 15:46
Operator : SY/MD
Sample : P3035-06
Misc : 5.54g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CX1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.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...	15.358	2.3	ug/L	73756	3	11.185	795896	25.0
Naphthalene, 2,...	15.602	5.3	ug/L	167855	3	11.185	795896	25.0
Naphthalene, 1,...	15.747	4.9	ug/L	157325	3	11.185	795896	25.0
Naphthalene, 2,...	16.911	6.4	ug/L	204503	3	11.185	795896	25.0