

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036711.D
 Acq On : 25 Jul 2024 16:46
 Operator : SY/MD
 Sample : P3276-23
 Misc : 9.19g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20L1

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\SFAMVLM072224SMA.M

Title : VOC Analysis

Signal : TIC: VV036711.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	90	rVB	85674	96944	0.03%	0.029%
2	1.526	144	151	164	rVB	90325	110057	0.04%	0.033%
3	1.992	288	296	304	rBV	35640	50379	0.02%	0.015%
4	2.053	304	315	332	rVB3	272873	470366	0.16%	0.141%
5	2.230	361	370	386	rVB	24242	39563	0.01%	0.012%
6	2.439	424	435	455	rBV	40058	74990	0.03%	0.022%
7	2.542	465	467	469	rBV	212	124	0.00%	0.000%
8	2.687	497	512	545	rBV	113607	213726	0.07%	0.064%
9	2.889	568	575	577	rBV2	556	633	0.00%	0.000%
10	2.963	587	598	612	rVB3	5847	12589	0.00%	0.004%
11	3.059	625	628	635	rVB2	248	178	0.00%	0.000%
12	3.175	659	664	665	rBV2	128	122	0.00%	0.000%
13	3.227	676	680	682	rBV	167	122	0.00%	0.000%
14	3.278	693	696	700	rVB	315	272	0.00%	0.000%
15	3.310	700	706	710	rBV2	223	325	0.00%	0.000%
16	3.407	730	736	738	rBV2	216	217	0.00%	0.000%
17	3.436	741	745	750	rBV	108	139	0.00%	0.000%
18	3.661	805	815	816	rBV3	1100	1373	0.00%	0.000%
19	3.738	836	839	842	rVB4	313	204	0.00%	0.000%
20	3.802	843	859	931	rBV	2750647	6760925	2.27%	2.021%
21	4.243	980	996	1033	rBV	169220	461360	0.16%	0.138%
22	4.503	1071	1077	1080	rBV2	724	777	0.00%	0.000%
23	4.542	1085	1089	1090	rBV	649	456	0.00%	0.000%
24	4.571	1092	1098	1099	rBV3	1124	984	0.00%	0.000%
25	4.664	1125	1127	1130	rBV	326	148	0.00%	0.000%
26	4.731	1146	1148	1152	rBV3	176	114	0.00%	0.000%
27	4.764	1153	1158	1159	rBV	418	360	0.00%	0.000%
28	4.773	1159	1161	1166	rVV3	502	423	0.00%	0.000%
29	4.834	1178	1180	1183	rVB2	509	275	0.00%	0.000%
30	4.850	1183	1185	1187	rVB	238	121	0.00%	0.000%
31	4.866	1187	1190	1193	rBV3	223	158	0.00%	0.000%
32	4.886	1193	1196	1200	rVB4	286	239	0.00%	0.000%
33	4.957	1200	1218	1254	rBV2	280459	828627	0.28%	0.248%
34	5.394	1351	1354	1355	rBV	234	126	0.00%	0.000%
35	5.471	1374	1378	1380	rBV2	348	275	0.00%	0.000%
36	5.538	1386	1399	1447	rBV	330758	880580	0.30%	0.263%

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37	5.854	1471	1497	1520	rBV5	50667787	297443617	100.00%	88.892%
38	6.918	1819	1828	1855	rBV	83425	168828	0.06%	0.050%
39	7.246	1921	1930	1951	rBV	187872	343497	0.12%	0.103%
40	7.558	2019	2027	2047	rBV	51300	98988	0.03%	0.030%
41	7.905	2119	2135	2167	rBV	15305832	25043594	8.42%	7.484%
42	8.034	2168	2175	2208	rVB	88408	196744	0.07%	0.059%
43	8.783	2398	2408	2434	rBV	344637	585300	0.20%	0.175%
44	9.484	2619	2626	2641	rBV8	2487	5784	0.00%	0.002%
45	9.738	2703	2705	2714	rVB7	713	772	0.00%	0.000%
46	10.033	2795	2797	2800	rVB	449	187	0.00%	0.000%
47	10.050	2800	2802	2805	rVB2	524	301	0.00%	0.000%
48	10.075	2808	2810	2814	rBV3	580	446	0.00%	0.000%
49	10.152	2821	2834	2856	rBV	179517	291320	0.10%	0.087%
50	10.320	2882	2886	2894	rBV3	2141	3111	0.00%	0.001%
51	10.587	2967	2969	2972	rBV	376	221	0.00%	0.000%
52	10.673	2994	2996	2998	rBV2	325	141	0.00%	0.000%
53	10.857	3049	3053	3054	rBV2	1135	709	0.00%	0.000%
54	10.914	3069	3071	3075	rVB2	365	167	0.00%	0.000%
55	11.091	3122	3126	3128	rBV3	635	489	0.00%	0.000%
56	11.133	3136	3139	3141	rBV3	804	583	0.00%	0.000%
57	11.188	3146	3156	3177	rVV	93657	156980	0.05%	0.047%
58	11.349	3203	3206	3211	rVB4	862	826	0.00%	0.000%
59	11.561	3256	3272	3293	rVV	74022	129260	0.04%	0.039%
60	11.728	3319	3324	3331	rBV5	3424	4747	0.00%	0.001%
61	11.770	3335	3337	3338	rBV2	546	247	0.00%	0.000%
62	11.812	3348	3350	3351	rBV2	294	127	0.00%	0.000%
63	11.918	3380	3383	3386	rBV4	462	439	0.00%	0.000%
64	12.101	3437	3440	3441	rBV2	294	150	0.00%	0.000%
65	12.310	3498	3505	3508	rBV5	1351	1541	0.00%	0.000%
66	12.384	3526	3528	3532	rBV4	527	479	0.00%	0.000%
67	12.406	3532	3535	3542	rVB4	853	641	0.00%	0.000%
68	12.586	3589	3591	3592	rBV	590	177	0.00%	0.000%
69	12.622	3600	3602	3606	rVB4	473	220	0.00%	0.000%
70	12.657	3611	3613	3620	rVB5	717	476	0.00%	0.000%
71	12.747	3639	3641	3644	rVB3	600	194	0.00%	0.000%
72	12.828	3655	3666	3673	rBV4	7295	10980	0.00%	0.003%
73	12.918	3692	3694	3695	rBV2	315	133	0.00%	0.000%
74	12.959	3704	3707	3710	rBV3	518	516	0.00%	0.000%
75	12.982	3710	3714	3726	rVB5	2288	3325	0.00%	0.001%
76	13.027	3726	3728	3732	rBV4	309	288	0.00%	0.000%

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 Title : VOC Analysis

77	13.069	3738	3741	3744	rVB4	465	319	0.00%	0.000%
78	13.127	3755	3759	3762	rBV3	539	485	0.00%	0.000%
79	13.226	3788	3790	3792	rBV	440	192	0.00%	0.000%
80	13.323	3816	3820	3823	rBV3	701	615	0.00%	0.000%
81	13.438	3853	3856	3857	rBV3	709	386	0.00%	0.000%
82	13.583	3894	3901	3907	rVB7	1679	2264	0.00%	0.001%
83	13.689	3927	3934	3941	rBV7	1521	1861	0.00%	0.001%
84	13.738	3947	3949	3951	rBV2	490	287	0.00%	0.000%
85	13.840	3974	3981	3988	rBV3	5508	6972	0.00%	0.002%
86	13.927	4003	4008	4011	rBV3	692	791	0.00%	0.000%
87	14.120	4064	4068	4073	rBV5	1279	1217	0.00%	0.000%
88	14.197	4089	4092	4095	rBV4	682	532	0.00%	0.000%
89	14.577	4200	4210	4223	rBV3	8140	16213	0.01%	0.005%
90	14.664	4234	4237	4239	rBV2	585	309	0.00%	0.000%
91	14.712	4250	4252	4255	rVB3	589	309	0.00%	0.000%
92	14.757	4258	4266	4268	rBV3	3656	4397	0.00%	0.001%
93	15.262	4420	4423	4426	rBV4	944	654	0.00%	0.000%
94	15.313	4436	4439	4444	rVB6	1343	986	0.00%	0.000%
95	15.355	4448	4452	4458	rVB6	2259	2848	0.00%	0.001%
96	15.493	4490	4495	4502	rBV3	3485	4209	0.00%	0.001%
97	15.606	4521	4530	4543	rBV4	13219	24580	0.01%	0.007%
98	15.673	4547	4551	4562	rVB8	6157	8568	0.00%	0.003%
99	15.750	4567	4575	4581	rBV2	14489	21970	0.01%	0.007%
100	16.075	4668	4676	4683	rBV2	3019	5568	0.00%	0.002%

Sum of corrected areas: 334611348

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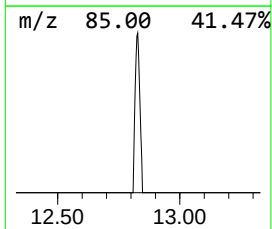
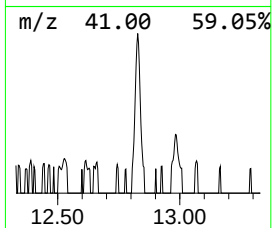
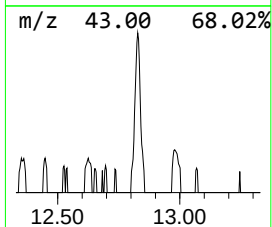
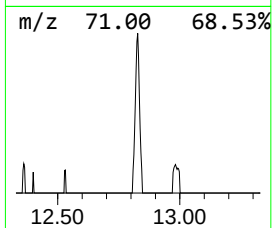
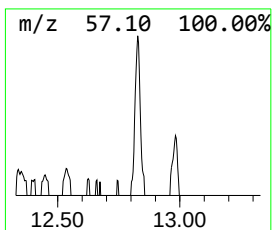
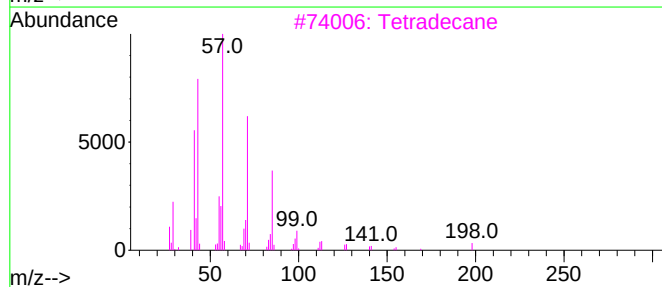
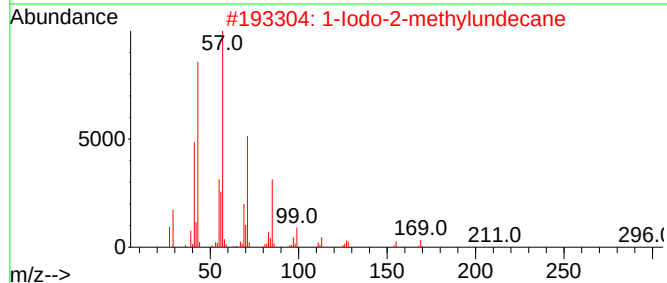
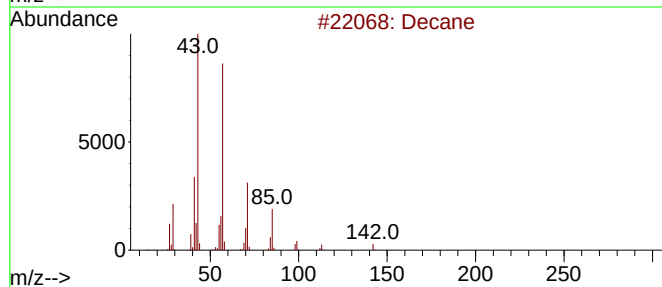
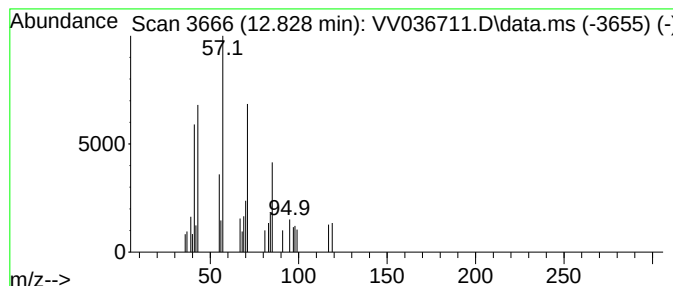
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	1.75 ug/L	10980	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	43
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	38
3			Tetradecane	198	C14H30	000629-59-4	38
4			Hexadecane	226	C16H34	000544-76-3	38
5			Tridecane	184	C13H28	000629-50-5	38



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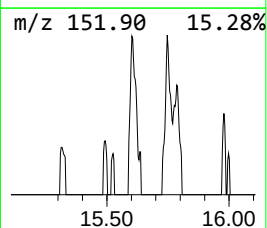
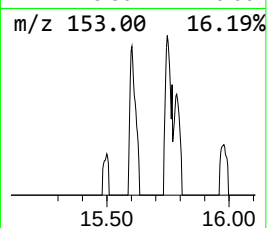
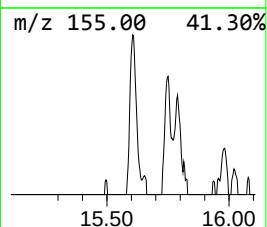
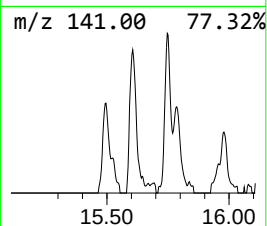
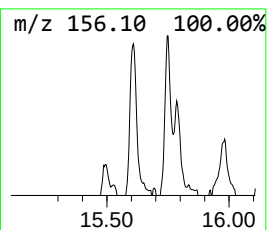
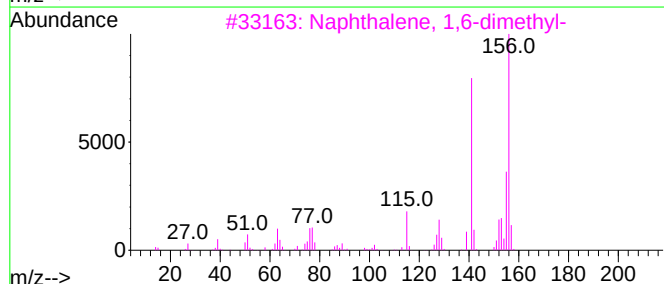
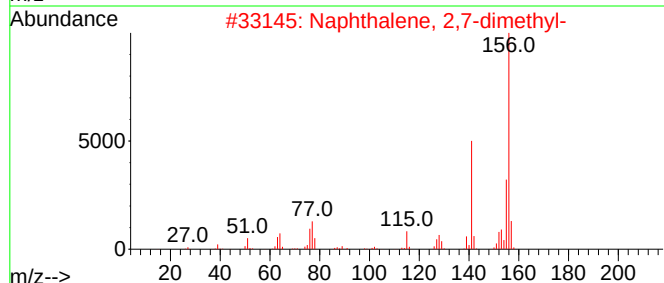
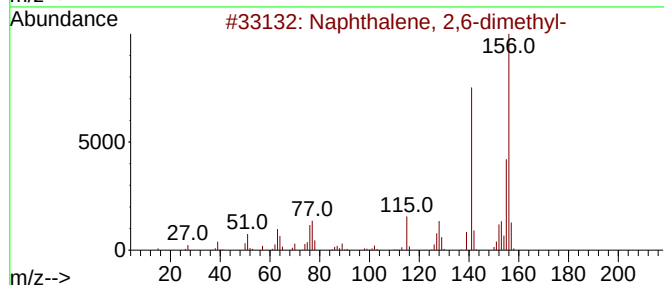
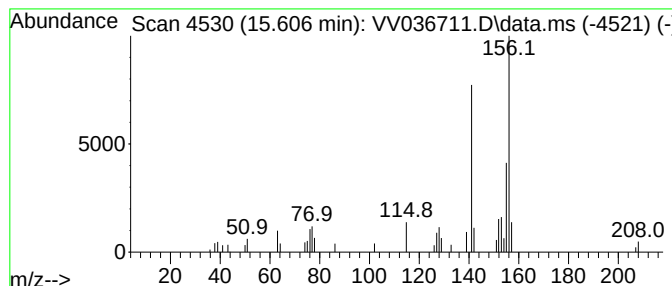
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.606	3.91 ug/L	24580	1,4-Dichlorobenzene-d4	11.188

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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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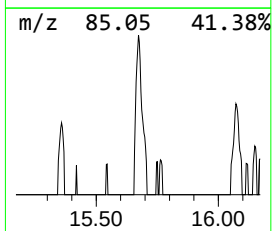
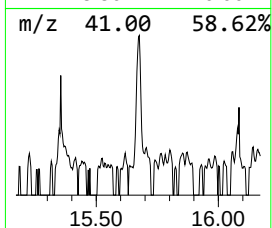
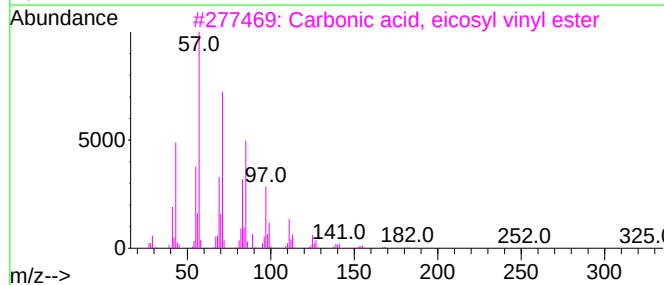
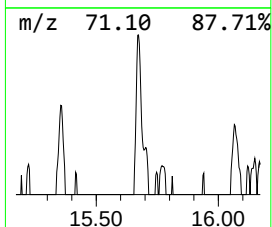
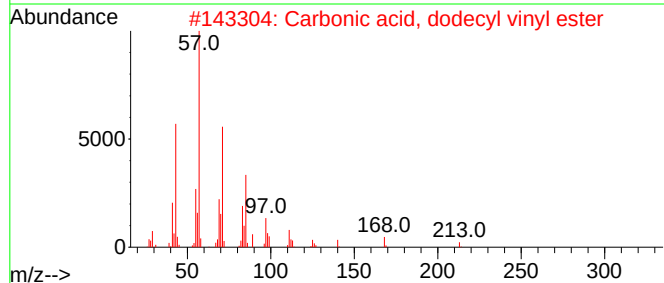
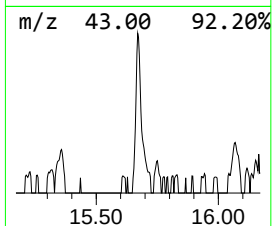
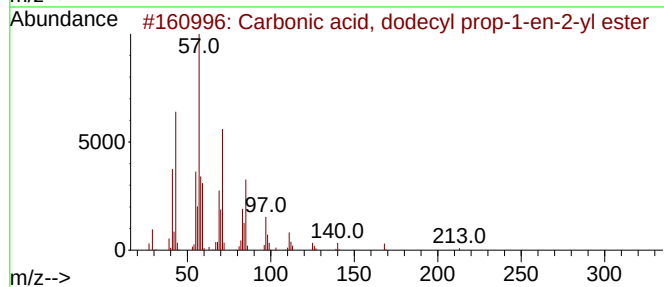
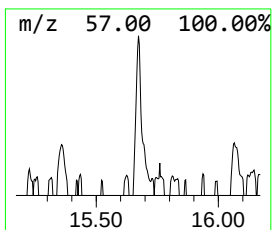
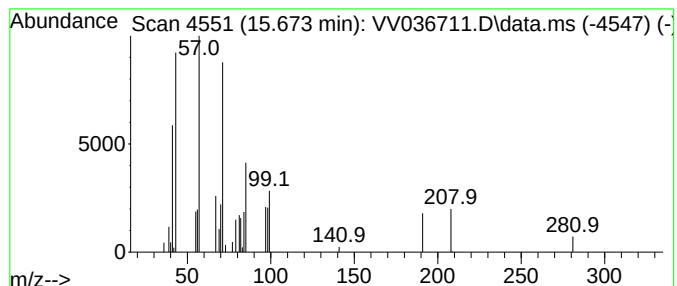
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Carbonic acid, dodecyl prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.673	1.36 ug/L	8568	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, dodecyl prop-1-en...	270	C16H30O3	1000382-90-7	53
2			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	53
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	53
4			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	50
5			Heptadecane	240	C17H36	000629-78-7	47



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E20L1

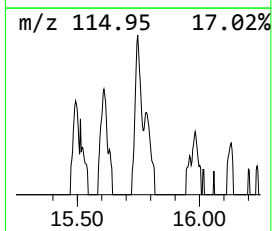
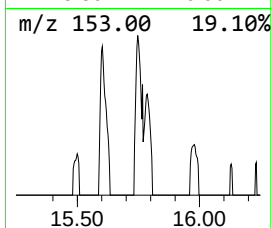
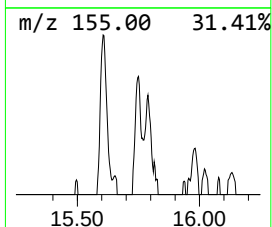
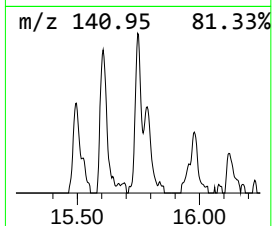
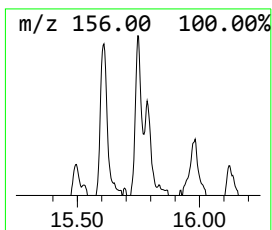
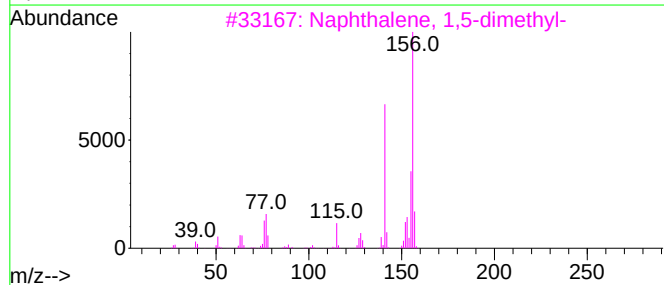
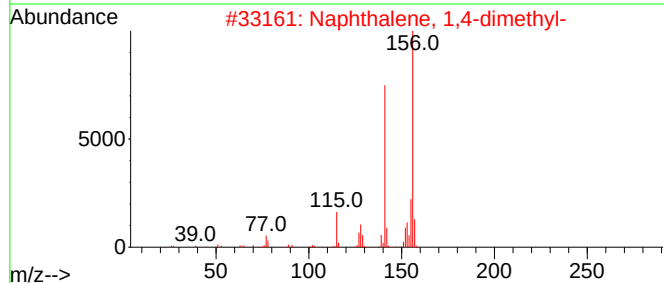
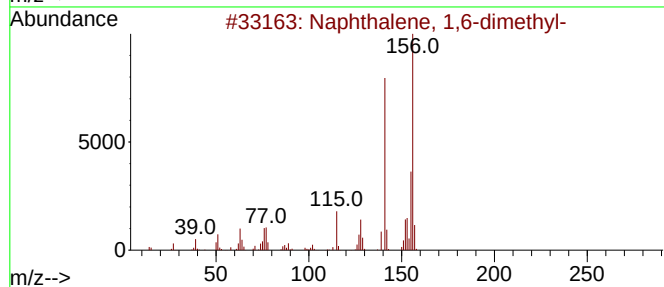
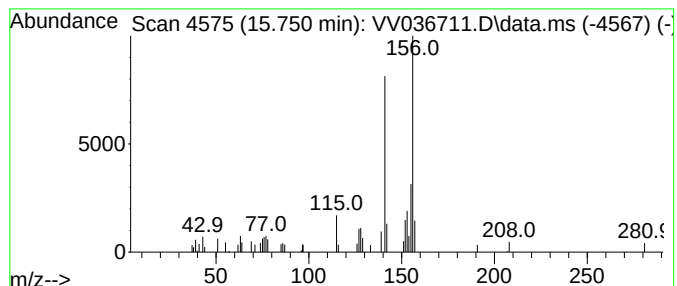
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.750	3.50 ug/L	21970	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036711.D
Acq On : 25 Jul 2024 16:46
Operator : SY/MD
Sample : P3276-23
Misc : 9.19g/10mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E20L1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.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...	12.828	1.8	ug/L	10980	3	11.188	156980	25.0
Naphthalene, 2,...	15.606	3.9	ug/L	24580	3	11.188	156980	25.0
Carbonic acid, ...	15.673	1.4	ug/L	8568	3	11.188	156980	25.0
Naphthalene, 1,...	15.750	3.5	ug/L	21970	3	11.188	156980	25.0