

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036709.D
 Acq On : 25 Jul 2024 15:49
 Operator : SY/MD
 Sample : P3328-02
 Misc : 8.89g/10mL/MSVOA_V/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1ZT2

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: VV036709.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.185	41	45	50	rBV	10629	9139	0.78%	0.093%
2	1.272	65	72	84	rVB2	134085	149225	12.78%	1.523%
3	1.526	144	151	162	rVB	97409	114784	9.83%	1.172%
4	2.047	305	313	333	rVB	174996	267781	22.94%	2.734%
5	2.230	363	370	384	rVB	10444	16655	1.43%	0.170%
6	2.439	424	435	456	rVB	41813	72044	6.17%	0.735%
7	2.777	536	540	543	rBV	319	307	0.03%	0.003%
8	2.908	577	581	587	rBV2	274	324	0.03%	0.003%
9	2.960	587	597	613	rVV2	6594	13277	1.14%	0.136%
10	3.722	830	834	837	rBV	261	275	0.02%	0.003%
11	3.777	844	851	855	rVB2	335	455	0.04%	0.005%
12	3.834	858	869	898	rBV	22444	91814	7.87%	0.937%
13	4.243	979	996	1027	rBV	199255	529353	45.35%	5.404%
14	4.638	1116	1119	1124	rVV4	403	345	0.03%	0.004%
15	4.715	1140	1143	1150	rVB3	345	344	0.03%	0.004%
16	4.950	1202	1216	1246	rBV2	363632	956464	81.94%	9.764%
17	5.252	1307	1310	1314	rVB	445	270	0.02%	0.003%
18	5.529	1384	1396	1427	rBV	506418	1065619	91.29%	10.878%
19	5.825	1478	1488	1514	rVB3	25607	58721	5.03%	0.599%
20	5.985	1526	1538	1577	rVV	244977	519394	44.50%	5.302%
21	6.384	1658	1662	1666	rVV3	360	329	0.03%	0.003%
22	6.577	1718	1722	1725	rBV3	566	604	0.05%	0.006%
23	6.911	1816	1826	1861	rBV	99249	203792	17.46%	2.080%
24	7.156	1898	1902	1906	rBV2	298	336	0.03%	0.003%
25	7.243	1915	1929	1966	rBV	328830	614797	52.67%	6.276%
26	7.555	2017	2026	2054	rBV	61395	125754	10.77%	1.284%
27	7.870	2114	2124	2130	rBV4	3433	5775	0.49%	0.059%
28	7.908	2131	2136	2153	rVB5	5753	10604	0.91%	0.108%
29	8.034	2163	2175	2210	rBV	102509	237257	20.33%	2.422%
30	8.278	2248	2251	2257	rVB4	472	382	0.03%	0.004%
31	8.783	2396	2408	2444	rBV	701379	1167244	100.00%	11.915%
32	9.082	2496	2501	2503	rBV2	754	690	0.06%	0.007%
33	9.246	2550	2552	2557	rVB2	339	287	0.02%	0.003%
34	9.487	2621	2627	2635	rVB4	732	919	0.08%	0.009%
35	9.696	2686	2692	2695	rBV2	470	529	0.05%	0.005%
36	9.870	2741	2746	2749	rBV	247	260	0.02%	0.003%

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 Title : VOC Analysis

37	10.149	2822	2833	2855	rBV	295270	478426	40.99%	4.884%
38	10.323	2879	2887	2899	rVB2	6876	11014	0.94%	0.112%
39	10.394	2904	2909	2913	rBV2	1251	1442	0.12%	0.015%
40	10.480	2931	2936	2941	rVV3	782	1001	0.09%	0.010%
41	10.680	2993	2998	3003	rVV2	748	901	0.08%	0.009%
42	10.738	3014	3016	3020	rVB2	434	275	0.02%	0.003%
43	10.757	3020	3022	3026	rBV	303	281	0.02%	0.003%
44	10.860	3044	3054	3065	rBV3	4765	7517	0.64%	0.077%
45	11.075	3116	3121	3123	rBV2	454	404	0.03%	0.004%
46	11.127	3133	3137	3139	rBV2	688	575	0.05%	0.006%
47	11.185	3143	3155	3178	rBV	504455	804114	68.89%	8.208%
48	11.381	3213	3216	3220	rVB2	675	491	0.04%	0.005%
49	11.477	3237	3246	3248	rBV5	1734	2618	0.22%	0.027%
50	11.558	3261	3271	3298	rVB	460959	744384	63.77%	7.599%
51	11.712	3317	3319	3320	rBV2	841	299	0.03%	0.003%
52	11.763	3332	3335	3345	rVB6	1423	1861	0.16%	0.019%
53	11.841	3354	3359	3361	rBV4	957	832	0.07%	0.008%
54	11.886	3368	3373	3377	rVB5	1329	1270	0.11%	0.013%
55	11.950	3390	3393	3395	rBV3	1138	831	0.07%	0.008%
56	12.050	3418	3424	3430	rBV2	1748	2164	0.19%	0.022%
57	12.130	3447	3449	3452	rVB2	652	277	0.02%	0.003%
58	12.191	3460	3468	3479	rVB2	3126	4484	0.38%	0.046%
59	12.252	3484	3487	3494	rVB4	747	840	0.07%	0.009%
60	12.304	3498	3503	3506	rBV4	781	793	0.07%	0.008%
61	12.352	3509	3518	3520	rBV5	2113	2168	0.19%	0.022%
62	12.406	3526	3535	3543	rVB5	2063	3789	0.32%	0.039%
63	12.442	3543	3546	3551	rBV4	574	572	0.05%	0.006%
64	12.484	3556	3559	3562	rBV2	500	338	0.03%	0.003%
65	12.558	3580	3582	3586	rVB3	739	448	0.04%	0.005%
66	12.586	3586	3591	3593	rBV3	766	635	0.05%	0.006%
67	12.615	3593	3600	3607	rVV7	3472	5021	0.43%	0.051%
68	12.664	3610	3615	3627	rVB8	3681	5682	0.49%	0.058%
69	12.734	3627	3637	3647	rBV8	907	1828	0.16%	0.019%
70	12.789	3650	3654	3656	rBV3	796	653	0.06%	0.007%
71	12.824	3657	3665	3676	rVB6	10504	15411	1.32%	0.157%
72	12.940	3694	3701	3703	rBV6	964	1031	0.09%	0.011%
73	12.982	3708	3714	3724	rBV8	2723	4354	0.37%	0.044%
74	13.101	3748	3751	3754	rBV2	804	708	0.06%	0.007%
75	13.152	3760	3767	3772	rBV5	1869	2682	0.23%	0.027%
76	13.210	3778	3785	3792	rBV8	3321	4846	0.42%	0.049%

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 Title : VOC Analysis

77	13.275	3800	3805	3809	rBV5	1142	1273	0.11%	0.013%
78	13.310	3811	3816	3822	rVV6	1632	2001	0.17%	0.020%
79	13.339	3822	3825	3832	rVB4	1478	1407	0.12%	0.014%
80	13.374	3832	3836	3838	rBV4	738	623	0.05%	0.006%
81	13.445	3850	3858	3868	rBV2	10052	17387	1.49%	0.177%
82	13.525	3879	3883	3885	rBV4	1048	887	0.08%	0.009%
83	13.657	3913	3924	3929	rBV8	3294	6324	0.54%	0.065%
84	13.766	3952	3958	3962	rVV6	1333	1531	0.13%	0.016%
85	13.840	3973	3981	3991	rBV3	13646	19076	1.63%	0.195%
86	13.956	4011	4017	4018	rBV5	1577	1667	0.14%	0.017%
87	13.982	4018	4025	4030	rVV2	5502	8387	0.72%	0.086%
88	14.030	4033	4040	4051	rVB10	7471	16562	1.42%	0.169%
89	14.127	4064	4070	4077	rVB7	2443	3521	0.30%	0.036%
90	14.294	4117	4122	4128	rBV7	3800	4670	0.40%	0.048%
91	14.365	4137	4144	4146	rBV6	5855	6986	0.60%	0.071%
92	14.493	4180	4184	4185	rBV4	1484	1097	0.09%	0.011%
93	14.567	4198	4207	4237	rVB	118609	231938	19.87%	2.368%
94	14.750	4255	4264	4271	rBV	66025	111269	9.53%	1.136%
95	15.355	4446	4452	4461	rVB5	19634	28982	2.48%	0.296%
96	15.487	4485	4493	4501	rBV	59415	104256	8.93%	1.064%
97	15.602	4518	4529	4542	rBV	202681	362685	31.07%	3.702%
98	15.744	4565	4573	4580	rBV	242310	381390	32.67%	3.893%
99	16.117	4684	4689	4700	rVB2	29913	40558	3.47%	0.414%
100	16.454	4787	4794	4804	rBV	55667	88365	7.57%	0.902%

Sum of corrected areas: 9796251

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E1ZT2

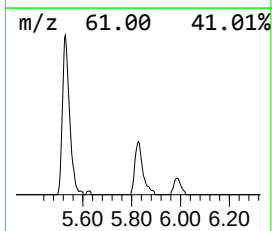
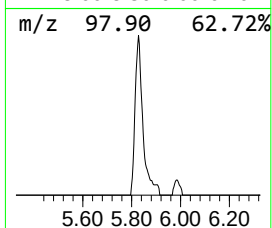
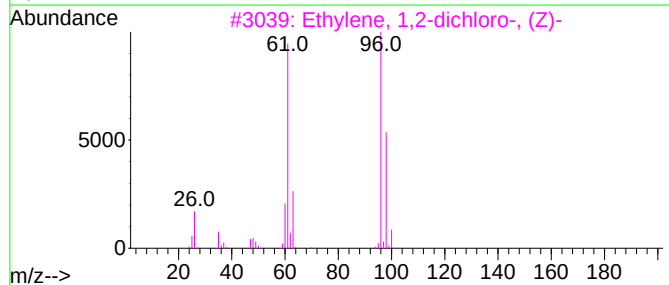
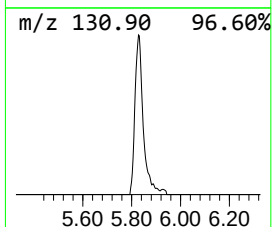
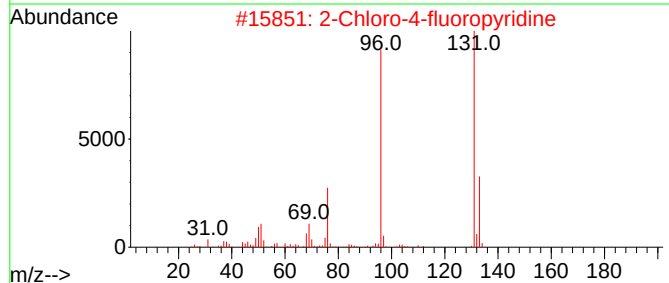
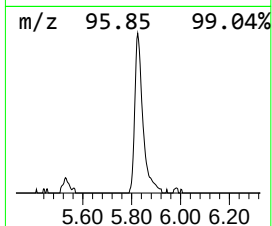
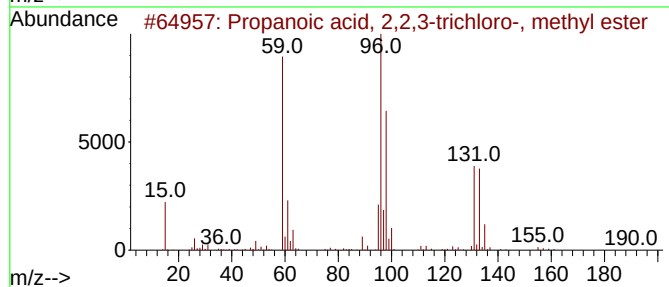
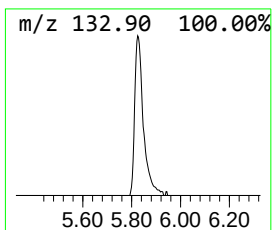
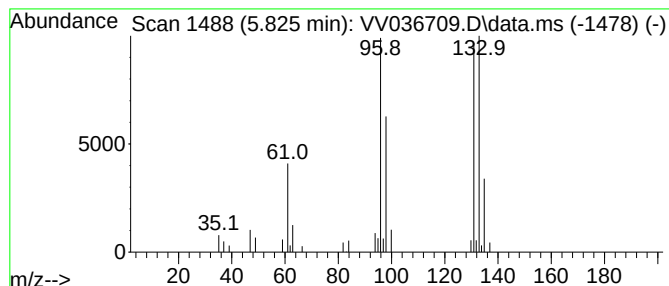
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Propanoic acid, 2,2,3-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.825	1.38 ug/L	58721	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	50
2			2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	43
3			Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
4			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
5			Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35



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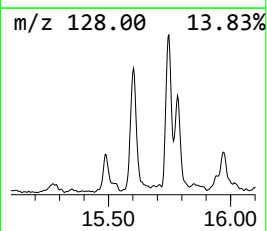
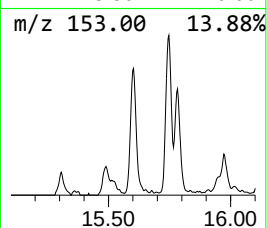
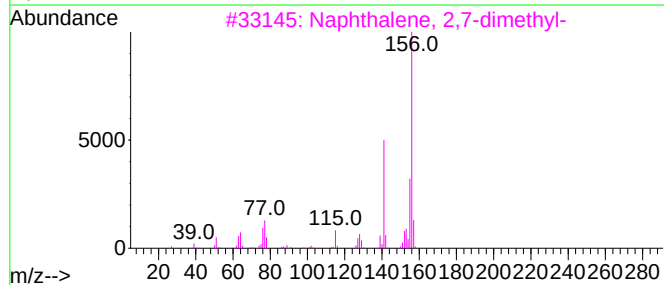
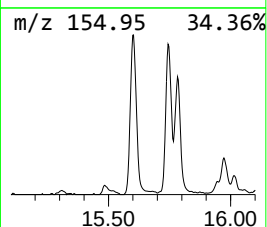
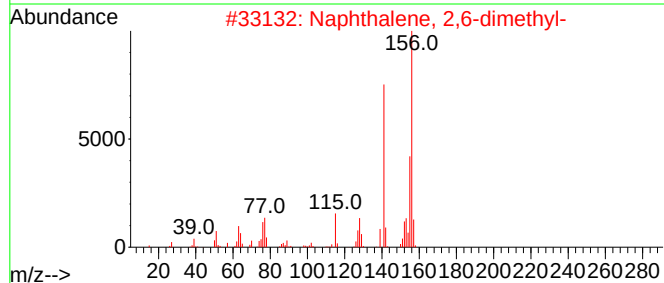
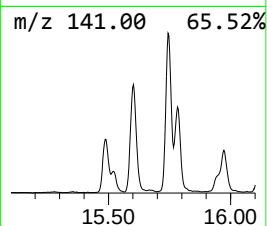
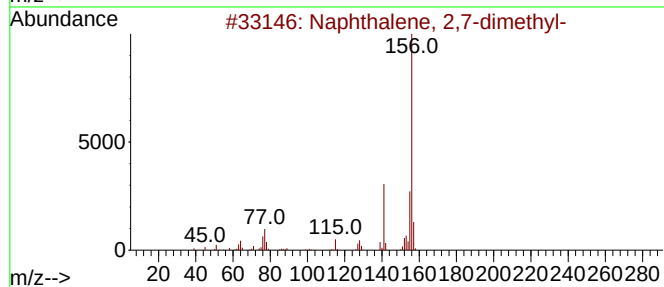
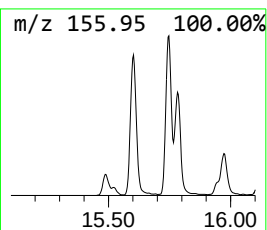
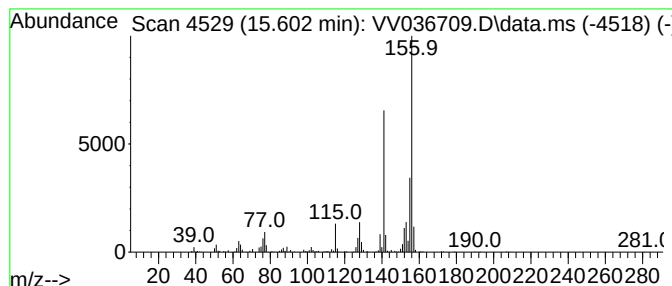
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.602	11.28 ug/L	362685	1,4-Dichlorobenzene-d4	11.185

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



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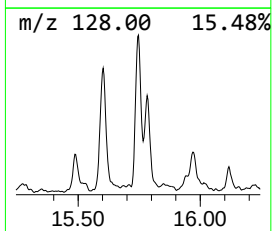
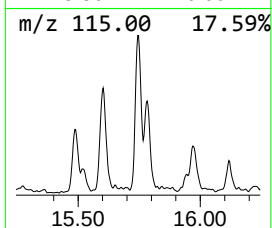
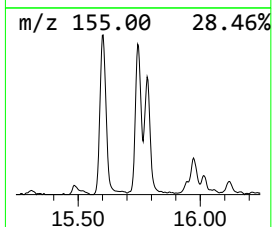
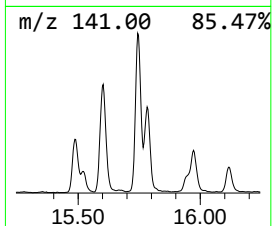
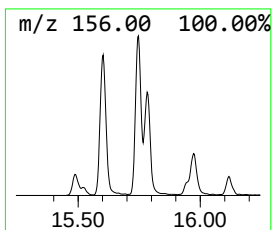
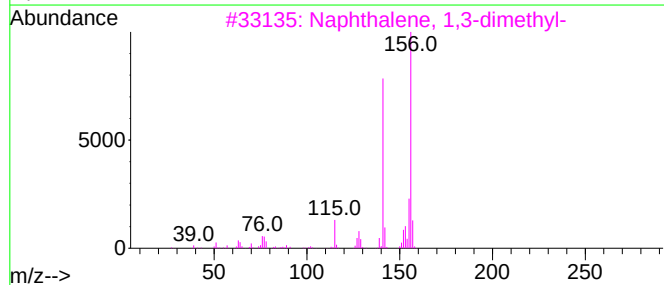
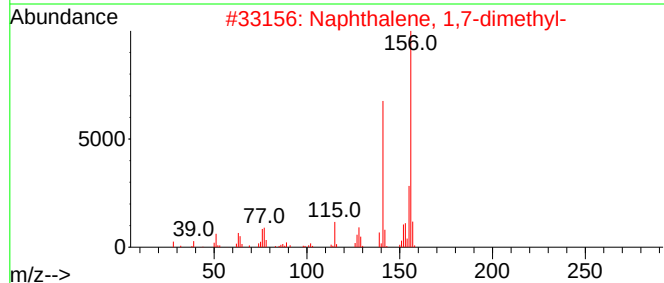
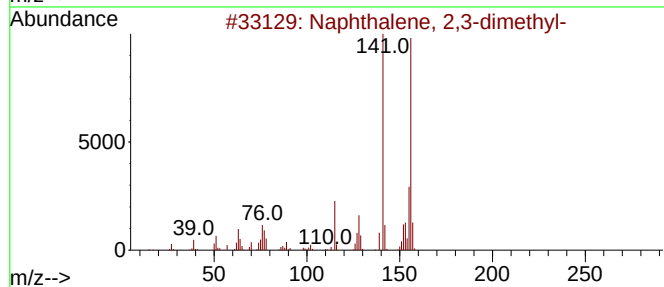
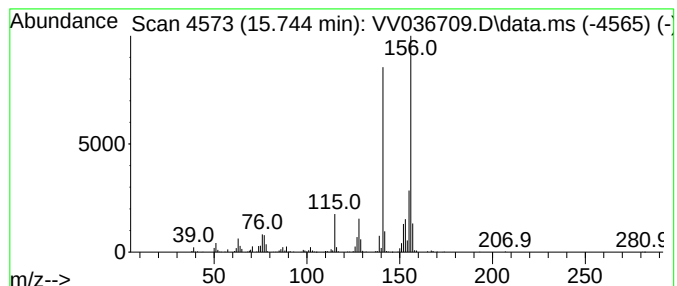
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.744	11.86 ug/L	381390	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



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ClientSampleId :
E1ZT2

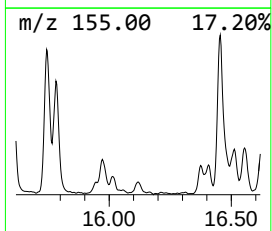
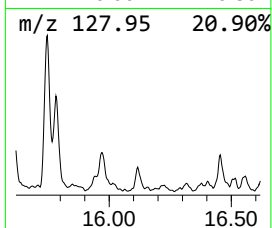
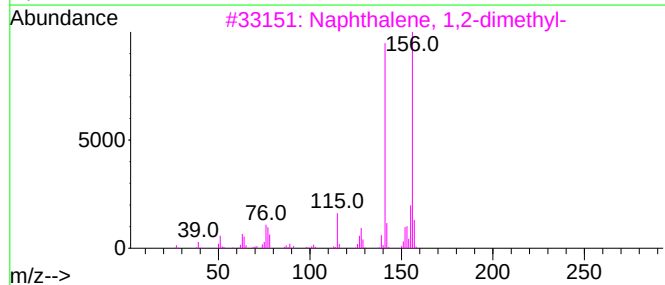
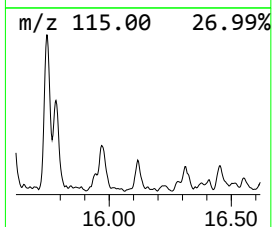
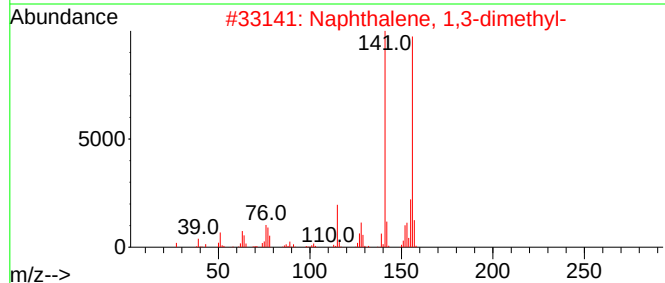
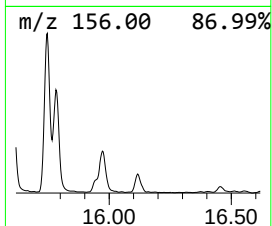
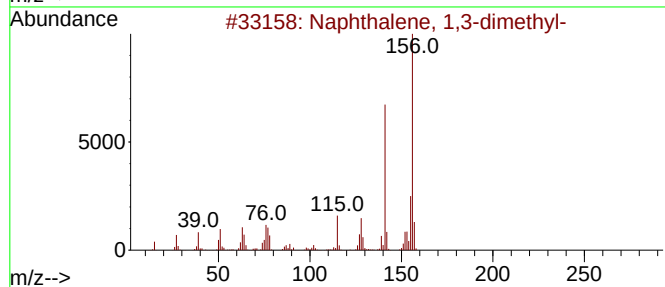
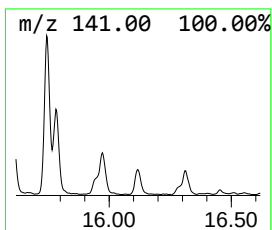
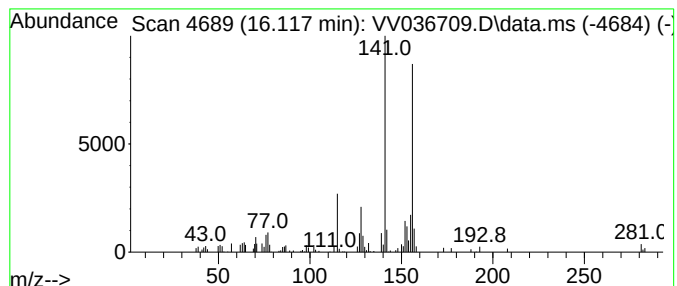
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Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.117	1.26 ug/L	40558	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036709.D
Acq On : 25 Jul 2024 15:49
Operator : SY/MD
Sample : P3328-02
Misc : 8.89g/10mL/MSVOA_V/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E1ZT2

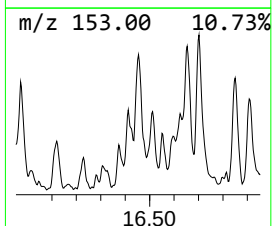
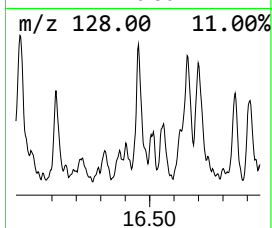
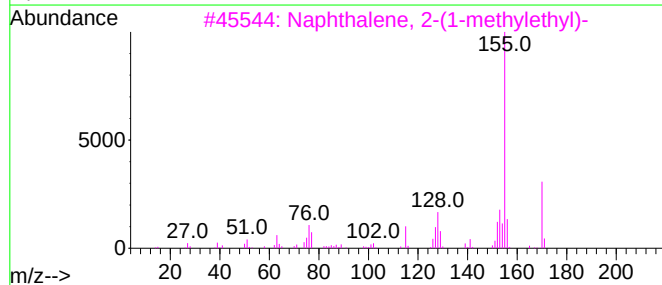
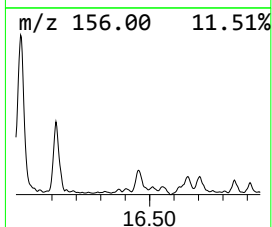
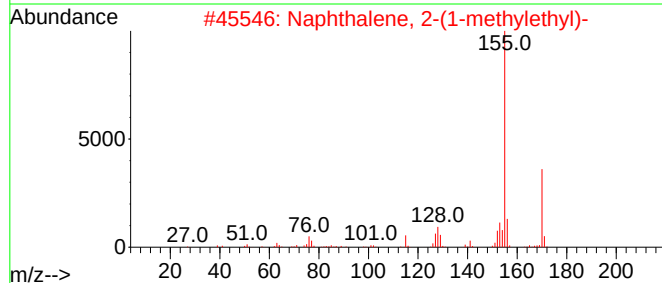
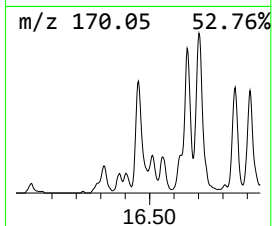
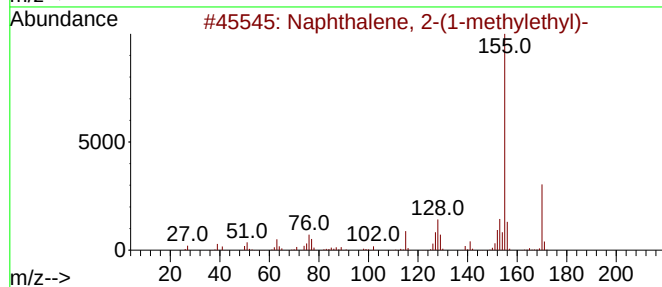
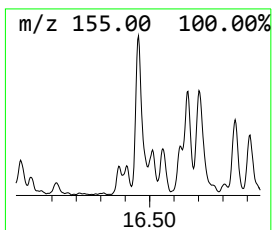
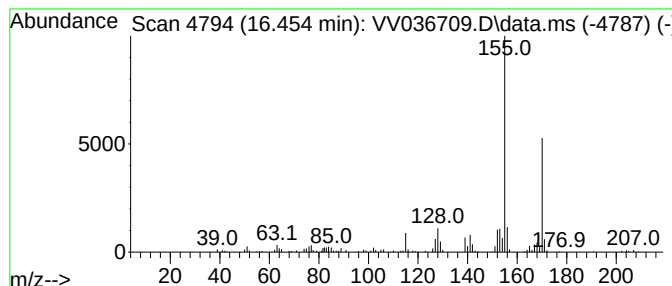
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.454	2.75 ug/L	88365	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	83
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
5			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036709.D
Acq On : 25 Jul 2024 15:49
Operator : SY/MD
Sample : P3328-02
Misc : 8.89g/10mL/MSVOA_V/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E1ZT2

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
Propanoic acid,...	5.825	1.4	ug/L	58721	1	5.529	1065620	25.0
Naphthalene, 2,...	15.602	11.3	ug/L	362685	3	11.185	804114	25.0
Naphthalene, 2,...	15.744	11.9	ug/L	381390	3	11.185	804114	25.0
Naphthalene, 1,...	16.117	1.3	ug/L	40558	3	11.185	804114	25.0
Naphthalene, 2-...	16.454	2.8	ug/L	88365	3	11.185	804114	25.0