

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072822\
 Data File : VV027052.D
 Acq On : 28 Jul 2022 22:26
 Operator : SY/MD
 Sample : N3897-14 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUQ6

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\SFAMVLM072822WMA.M

Title : VOC Analysis

Signal : TIC: VV027052.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.301	74	81	100	rVB	370043	385787	15.58%	2.012%
2	1.561	155	162	177	rVB	292470	338931	13.68%	1.768%
3	2.101	320	330	346	rBV	628928	889678	35.92%	4.640%
4	2.503	446	455	473	rVB2	13858	23867	0.96%	0.124%
5	2.751	527	532	533	rBV	915	674	0.03%	0.004%
6	2.957	593	596	601	rVV3	415	414	0.02%	0.002%
7	3.371	721	725	731	rVB3	410	513	0.02%	0.003%
8	3.407	731	736	740	rBV3	463	540	0.02%	0.003%
9	3.500	757	765	766	rBV2	467	529	0.02%	0.003%
10	3.889	875	886	918	rBV	115011	435627	17.59%	2.272%
11	4.342	1011	1027	1049	rBV	388073	950725	38.38%	4.958%
12	4.764	1153	1158	1162	rVB3	476	585	0.02%	0.003%
13	4.831	1176	1179	1183	rVB3	604	405	0.02%	0.002%
14	4.944	1210	1214	1218	rBV2	573	468	0.02%	0.002%
15	5.040	1227	1244	1292	rBV2	944643	2476920	100.00%	12.918%
16	5.313	1327	1329	1337	rVB3	681	728	0.03%	0.004%
17	5.481	1376	1381	1382	rBV2	760	431	0.02%	0.002%
18	5.612	1410	1422	1469	rVV	601512	1289694	52.07%	6.726%
19	5.908	1503	1514	1533	rVB3	13250	31386	1.27%	0.164%
20	6.066	1546	1563	1597	rVV	526614	1111055	44.86%	5.795%
21	6.374	1656	1659	1664	rVB3	511	372	0.02%	0.002%
22	6.680	1751	1754	1758	rBV2	617	378	0.02%	0.002%
23	6.985	1837	1849	1883	rBV	240186	469622	18.96%	2.449%
24	7.133	1892	1895	1901	rVB5	933	734	0.03%	0.004%
25	7.223	1921	1923	1928	rVB5	902	630	0.03%	0.003%
26	7.313	1938	1951	1987	rBV	1062931	1910526	77.13%	9.964%
27	7.619	2036	2046	2078	rVV2	168137	314737	12.71%	1.641%
28	7.853	2115	2119	2123	rBV4	550	565	0.02%	0.003%
29	7.927	2138	2142	2144	rVV4	862	590	0.02%	0.003%
30	7.982	2151	2159	2171	rVB6	2969	5151	0.21%	0.027%
31	8.091	2182	2193	2238	rBV	493497	1107361	44.71%	5.775%
32	8.423	2292	2296	2299	rBV3	983	884	0.04%	0.005%
33	8.622	2352	2358	2359	rBV3	771	688	0.03%	0.004%
34	8.706	2380	2384	2387	rVB2	501	375	0.02%	0.002%
35	8.734	2387	2393	2398	rBV3	493	675	0.03%	0.004%
36	8.808	2409	2416	2417	rBV3	491	482	0.02%	0.003%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Title : VOC Analysis

37	8.850	2417	2429	2468	rBV	955004	1586470	64.05%	8.274%
38	9.017	2472	2481	2492	rVV	18203	28156	1.14%	0.147%
39	9.149	2514	2522	2531	rVB4	3881	7307	0.30%	0.038%
40	9.194	2531	2536	2540	rVB3	784	804	0.03%	0.004%
41	9.323	2574	2576	2581	rVB2	588	469	0.02%	0.002%
42	9.419	2603	2606	2614	rBV3	513	566	0.02%	0.003%
43	9.458	2614	2618	2624	rVB2	529	545	0.02%	0.003%
44	9.487	2624	2627	2631	rBV2	618	478	0.02%	0.002%
45	9.551	2637	2647	2654	rBV3	2983	4323	0.17%	0.023%
46	9.940	2766	2768	2774	rVB3	656	450	0.02%	0.002%
47	10.062	2802	2806	2810	rBV2	460	492	0.02%	0.003%
48	10.213	2837	2853	2880	rBV	785719	1238371	50.00%	6.459%
49	10.381	2902	2905	2909	rBV3	495	407	0.02%	0.002%
50	10.413	2913	2915	2919	rBV3	547	379	0.02%	0.002%
51	10.461	2924	2930	2940	rVB4	1138	2006	0.08%	0.010%
52	10.541	2947	2955	2964	rBV5	2230	3580	0.14%	0.019%
53	10.847	3046	3050	3054	rBV4	579	641	0.03%	0.003%
54	10.918	3064	3072	3083	rVB	4320	6658	0.27%	0.035%
55	10.992	3089	3095	3099	rBV2	1013	1096	0.04%	0.006%
56	11.178	3146	3153	3163	rBV8	3302	5615	0.23%	0.029%
57	11.249	3163	3175	3198	rBV	916106	1417676	57.24%	7.394%
58	11.474	3241	3245	3246	rBV2	649	480	0.02%	0.003%
59	11.529	3251	3262	3278	rBV	76479	118946	4.80%	0.620%
60	11.622	3278	3291	3312	rBV	1039718	1636975	66.09%	8.537%
61	11.747	3322	3330	3343	rVB	22631	35996	1.45%	0.188%
62	11.947	3387	3392	3394	rBV2	475	472	0.02%	0.002%
63	12.017	3410	3414	3417	rVV4	719	561	0.02%	0.003%
64	12.117	3440	3445	3452	rVB4	3687	4578	0.18%	0.024%
65	12.371	3516	3524	3531	rBV5	1494	2139	0.09%	0.011%
66	12.416	3532	3538	3545	rVB4	955	1364	0.06%	0.007%
67	12.474	3547	3556	3567	rBV8	3727	7569	0.31%	0.039%
68	12.596	3591	3594	3600	rBV3	438	427	0.02%	0.002%
69	12.647	3605	3610	3620	rVB5	1917	2789	0.11%	0.015%
70	12.728	3626	3635	3644	rBV4	6113	9267	0.37%	0.048%
71	12.770	3644	3648	3653	rVB3	569	579	0.02%	0.003%
72	12.885	3674	3684	3695	rBV4	11129	16379	0.66%	0.085%
73	12.946	3699	3703	3706	rBV3	1313	1263	0.05%	0.007%
74	13.046	3724	3734	3751	rBV3	32104	51134	2.06%	0.267%
75	13.162	3768	3770	3775	rVB2	502	368	0.01%	0.002%
76	13.213	3783	3786	3788	rBV	907	571	0.02%	0.003%

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 Title : VOC Analysis

77	13.265	3796	3802	3811	rVB6	2899	4179	0.17%	0.022%
78	13.339	3822	3825	3827	rBV2	529	373	0.02%	0.002%
79	13.403	3840	3845	3850	rVB4	643	625	0.03%	0.003%
80	13.500	3863	3875	3900	rBV	529151	837627	33.82%	4.369%
81	13.625	3905	3914	3925	rVV	13801	22308	0.90%	0.116%
82	13.747	3944	3952	3961	rBV6	2805	4065	0.16%	0.021%
83	13.914	3997	4004	4008	rBV4	1201	1404	0.06%	0.007%
84	14.091	4053	4059	4070	rBV7	1434	2647	0.11%	0.014%
85	14.255	4108	4110	4113	rVB3	705	387	0.02%	0.002%
86	14.409	4156	4158	4163	rBB3	509	380	0.02%	0.002%
87	14.432	4163	4165	4170	rBV2	412	386	0.02%	0.002%
88	14.580	4203	4211	4217	rBV7	3054	4698	0.19%	0.025%
89	14.631	4217	4227	4245	rVV	118803	187361	7.56%	0.977%
90	14.741	4257	4261	4263	rBV4	1715	1455	0.06%	0.008%
91	14.815	4272	4284	4304	rBV	68480	112034	4.52%	0.584%
92	14.956	4324	4328	4330	rBV2	785	593	0.02%	0.003%
93	15.004	4341	4343	4348	rBV4	436	440	0.02%	0.002%
94	15.364	4450	4455	4469	rVB3	6739	10486	0.42%	0.055%
95	15.422	4471	4473	4477	rVB3	777	483	0.02%	0.003%
96	15.557	4508	4515	4522	rBV10	3075	4548	0.18%	0.024%
97	15.606	4528	4530	4532	rBV3	868	495	0.02%	0.003%
98	15.667	4547	4549	4550	rBV2	2125	968	0.04%	0.005%
99	15.815	4587	4595	4601	rBV8	4796	7436	0.30%	0.039%
100	16.487	4797	4804	4815	rVB3	10825	17501	0.71%	0.091%

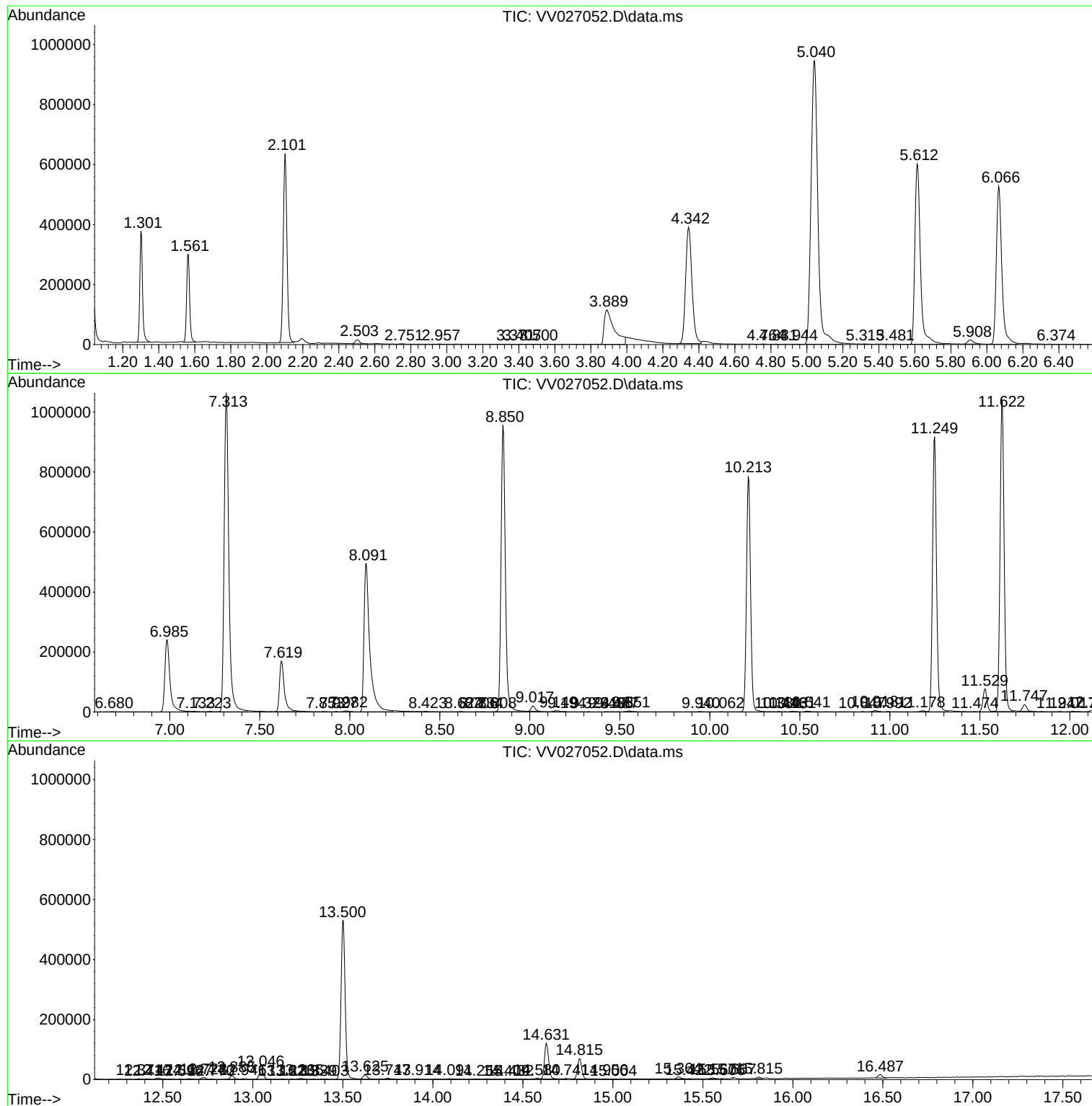
Sum of corrected areas: 19173952

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Instrument :
MSVOA_V
ClientSampleId :
DBUQ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072822\
Data File : VV072052.D
Acq On : 28 Jul 2022 22:26
Operator : SY/MD
Sample : N3897-14 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ6

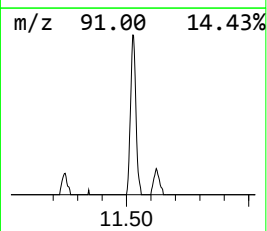
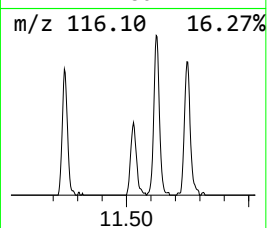
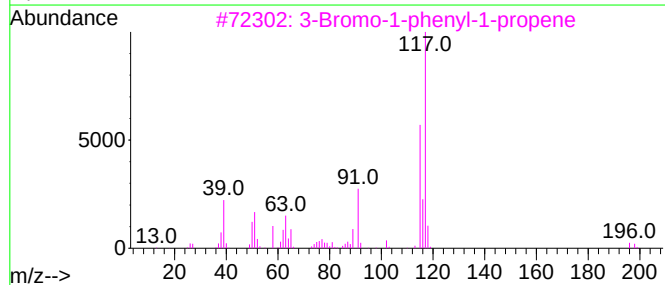
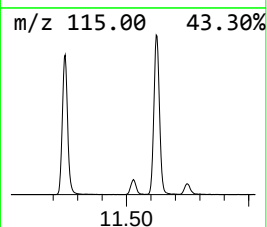
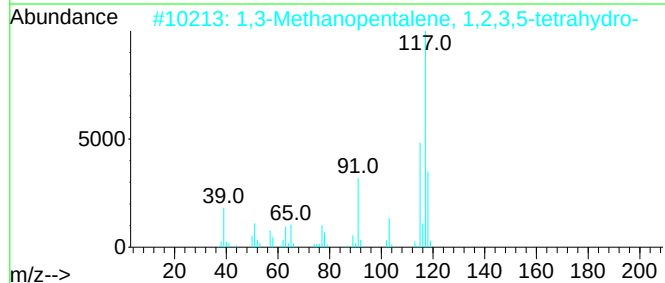
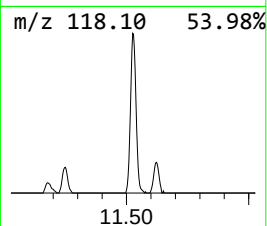
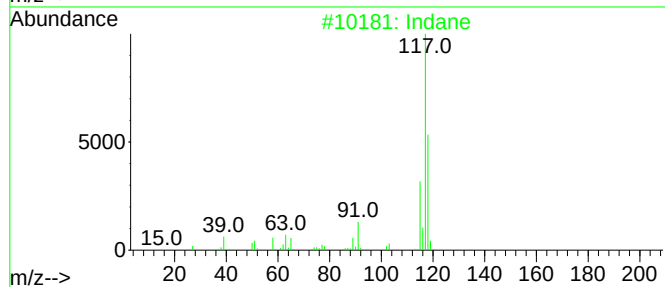
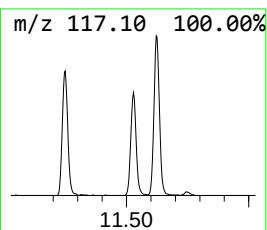
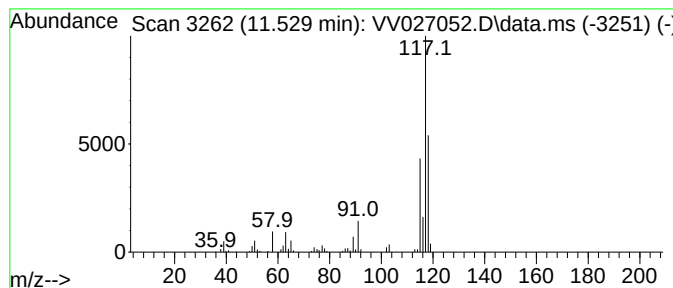
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.528	4.20 ug/L	118946	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	95
2			1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	59
3			3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	59
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58
5			Indane	118	C9H10	000496-11-7	55



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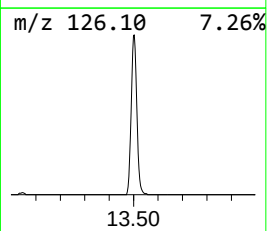
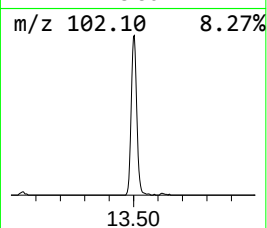
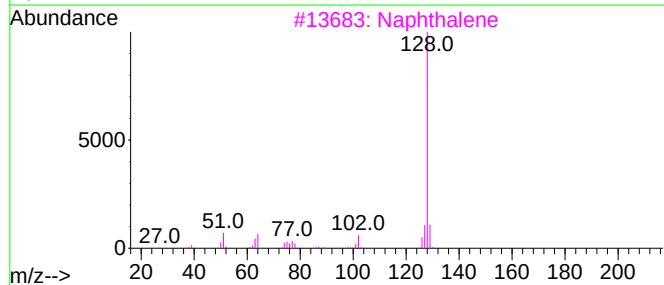
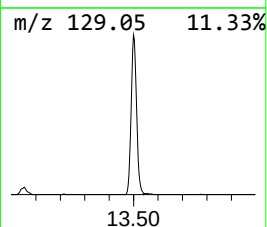
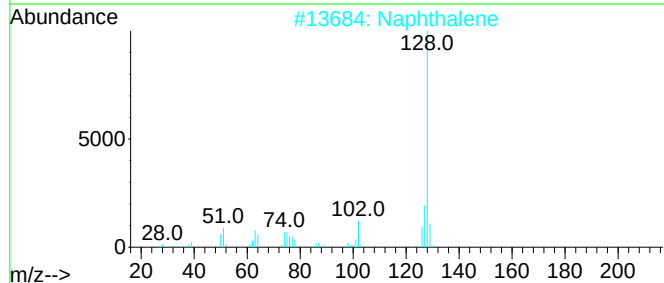
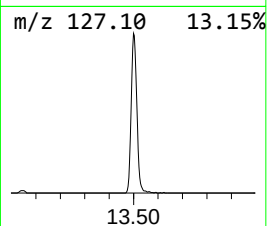
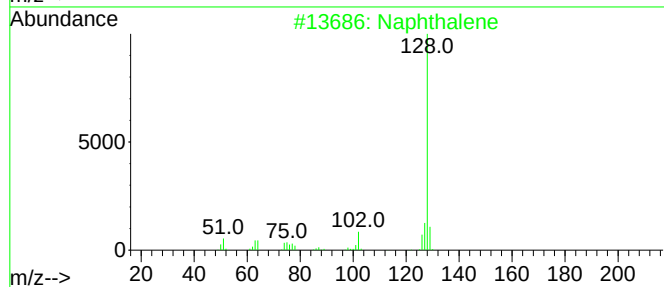
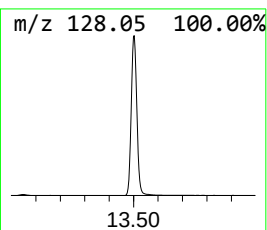
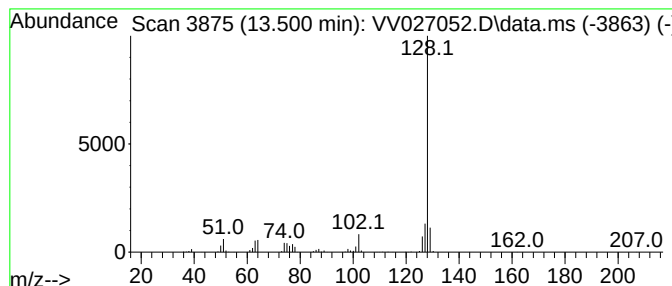
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.499	29.54 ug/L	837627	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Naphthalene	128	C10H8	000091-20-3	94
4			Azulene	128	C10H8	000275-51-4	93
5			Azulene	128	C10H8	000275-51-4	91



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ClientSampleId :
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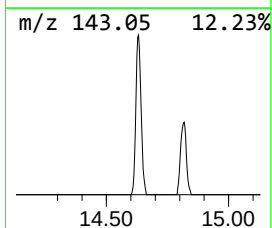
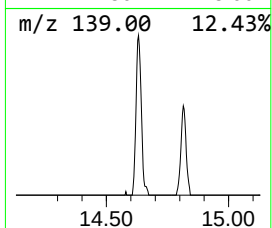
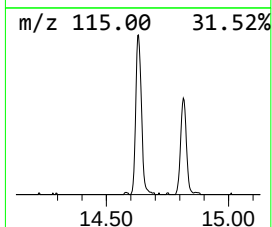
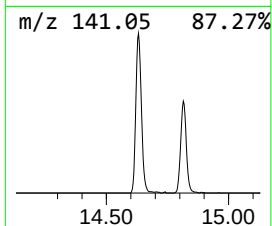
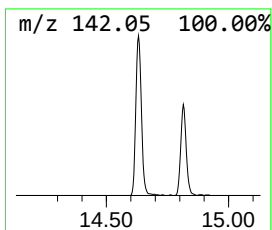
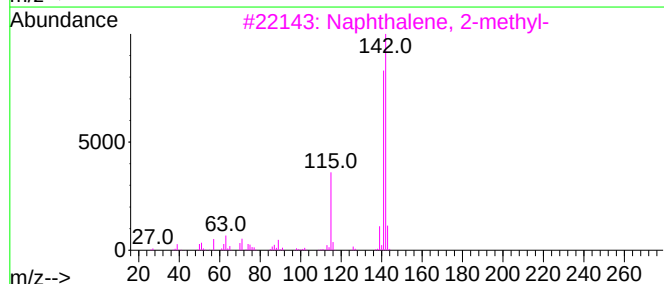
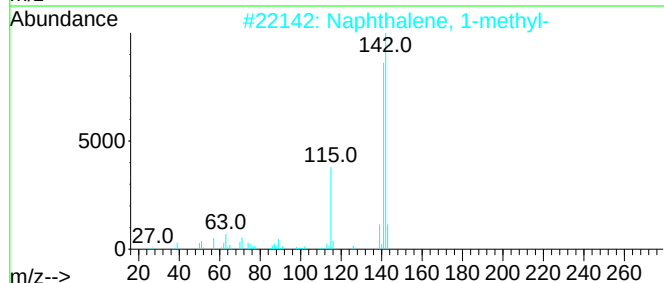
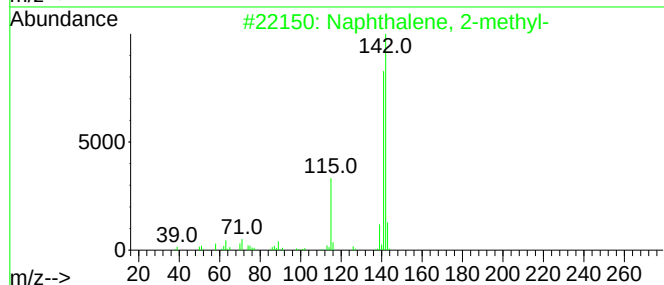
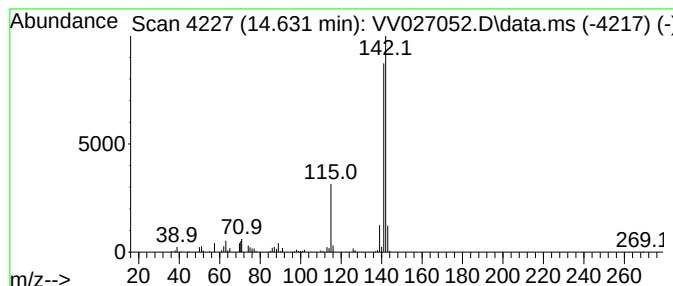
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.631	6.61 ug/L	187361	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072822\
Data File : VV027052.D
Acq On : 28 Jul 2022 22:26
Operator : SY/MD
Sample : N3897-14 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ6

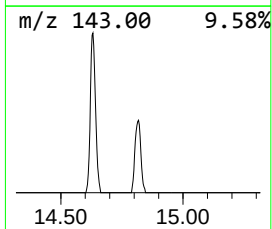
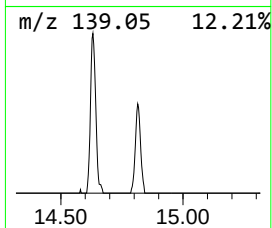
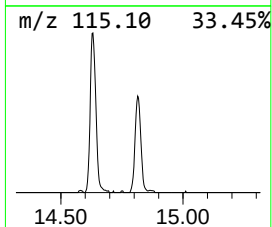
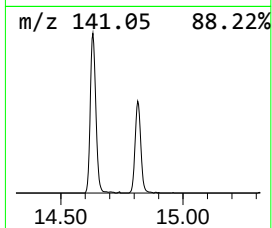
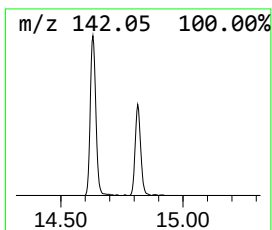
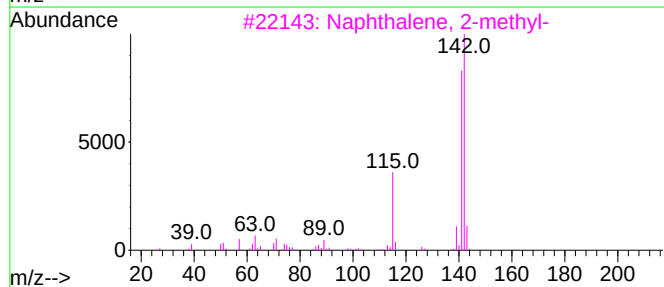
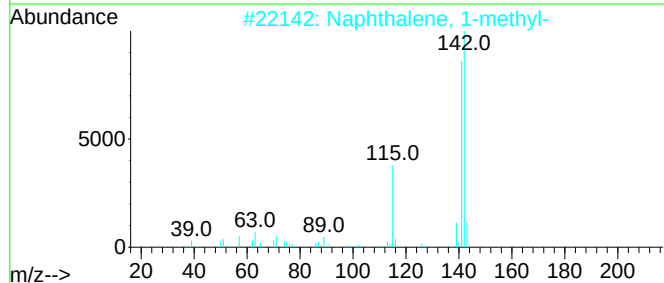
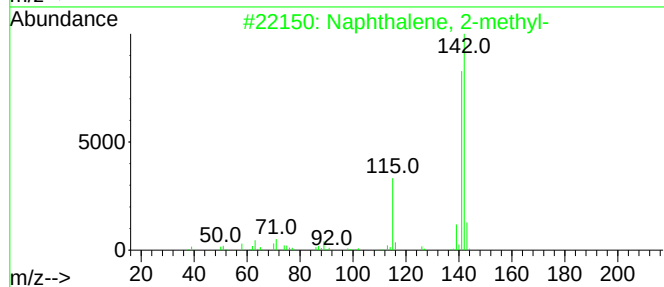
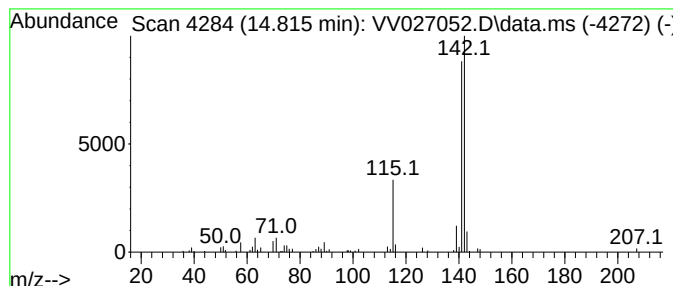
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.815	3.95 ug/L	112034	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072822\
Data File : VV027052.D
Acq On : 28 Jul 2022 22:26
Operator : SY/MD
Sample : N3897-14 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUQ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.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
Indane	11.528	4.2	ug/L	118946	3	11.249	1417680	50.0
Azulene	13.499	29.5	ug/L	837627	3	11.249	1417680	50.0
Naphthalene, 2-...	14.631	6.6	ug/L	187361	3	11.249	1417680	50.0
Naphthalene, 1-...	14.815	4.0	ug/L	112034	3	11.249	1417680	50.0