

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
 Data File : VV026907.D
 Acq On : 22 Jul 2022 23:21
 Operator : SY/MD
 Sample : N3841-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUD4

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\SFAMVLM072222WMA.M
 Title : VOC Analysis

Signal : TIC: VV026907.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	75	81	102	rVB	293072	305332	13.34%	1.752%
2	1.561	155	162	181	rVB	256254	292075	12.76%	1.676%
3	2.101	319	330	347	rBV	515464	735393	32.12%	4.219%
4	2.291	381	389	396	rBV5	1199	1621	0.07%	0.009%
5	2.503	445	455	463	rBV6	2629	4605	0.20%	0.026%
6	2.767	529	537	544	rBV5	2197	3138	0.14%	0.018%
7	3.066	626	630	633	rVB	475	370	0.02%	0.002%
8	3.089	633	637	644	rBV3	426	580	0.03%	0.003%
9	3.121	644	647	653	rVB	458	401	0.02%	0.002%
10	3.259	687	690	698	rBV3	449	552	0.02%	0.003%
11	3.719	827	833	834	rBV	496	365	0.02%	0.002%
12	3.883	873	884	918	rBV	183613	545124	23.81%	3.127%
13	4.343	1010	1027	1058	rBV	379392	935781	40.88%	5.368%
14	4.690	1128	1135	1140	rBV4	550	709	0.03%	0.004%
15	4.960	1214	1219	1224	rBV2	576	763	0.03%	0.004%
16	5.040	1226	1244	1283	rBV2	882211	2289324	100.00%	13.133%
17	5.301	1324	1325	1328	rVB2	797	379	0.02%	0.002%
18	5.384	1348	1351	1355	rVB2	769	467	0.02%	0.003%
19	5.413	1358	1360	1365	rVV3	533	372	0.02%	0.002%
20	5.519	1390	1393	1396	rBV2	578	437	0.02%	0.003%
21	5.613	1410	1422	1466	rBV	608597	1262789	55.16%	7.244%
22	5.908	1503	1514	1528	rBV2	10732	22836	1.00%	0.131%
23	6.066	1548	1563	1596	rBV	519733	1056666	46.16%	6.062%
24	6.269	1624	1626	1631	rVB5	660	550	0.02%	0.003%
25	6.359	1651	1654	1657	rBV	752	578	0.03%	0.003%
26	6.439	1676	1679	1684	rVB3	583	358	0.02%	0.002%
27	6.638	1734	1741	1745	rBV5	1592	2212	0.10%	0.013%
28	6.892	1817	1820	1825	rBV2	364	353	0.02%	0.002%
29	6.986	1837	1849	1877	rBV	224923	423098	18.48%	2.427%
30	7.121	1889	1891	1898	rVB4	864	795	0.03%	0.005%
31	7.175	1905	1908	1910	rBV3	676	438	0.02%	0.003%
32	7.214	1918	1920	1923	rVB2	1015	511	0.02%	0.003%
33	7.313	1939	1951	1988	rBV	967269	1680973	73.43%	9.643%
34	7.619	2037	2046	2075	rVV	158330	282771	12.35%	1.622%
35	7.818	2106	2108	2114	rVB4	556	378	0.02%	0.002%
36	7.918	2134	2139	2140	rBV2	796	535	0.02%	0.003%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Title : VOC Analysis

37	7.931	2140	2143	2152	rVB6	1163	1585	0.07%	0.009%
38	7.979	2155	2158	2160	rBV3	979	651	0.03%	0.004%
39	8.088	2182	2192	2225	rBV	655150	1209866	52.85%	6.940%
40	8.548	2331	2335	2340	rBV5	528	578	0.03%	0.003%
41	8.680	2371	2376	2379	rVB3	339	384	0.02%	0.002%
42	8.706	2379	2384	2386	rBV4	399	386	0.02%	0.002%
43	8.725	2386	2390	2393	rVB3	495	345	0.02%	0.002%
44	8.789	2407	2410	2415	rVB3	829	759	0.03%	0.004%
45	8.850	2415	2429	2457	rBV	977485	1577842	68.92%	9.051%
46	9.072	2496	2498	2505	rVB5	669	623	0.03%	0.004%
47	9.262	2551	2557	2559	rVB3	529	358	0.02%	0.002%
48	9.445	2608	2614	2616	rBV2	661	633	0.03%	0.004%
49	9.474	2619	2623	2627	rBV3	616	403	0.02%	0.002%
50	9.558	2643	2649	2654	rVB4	742	885	0.04%	0.005%
51	9.741	2700	2706	2709	rBV2	317	377	0.02%	0.002%
52	9.854	2737	2741	2748	rVV2	501	590	0.03%	0.003%
53	10.034	2795	2797	2805	rVB3	417	365	0.02%	0.002%
54	10.082	2805	2812	2814	rBV	384	380	0.02%	0.002%
55	10.214	2840	2853	2878	rBV	808823	1245048	54.38%	7.142%
56	10.429	2917	2920	2924	rVV2	573	542	0.02%	0.003%
57	10.583	2963	2968	2971	rBV2	513	411	0.02%	0.002%
58	10.805	3034	3037	3041	rVB	539	374	0.02%	0.002%
59	10.947	3074	3081	3084	rBV4	426	540	0.02%	0.003%
60	11.091	3120	3126	3128	rBV3	521	530	0.02%	0.003%
61	11.127	3134	3137	3143	rBV3	368	346	0.02%	0.002%
62	11.181	3148	3154	3157	rVV2	407	432	0.02%	0.002%
63	11.246	3162	3174	3198	rBV	883544	1380734	60.31%	7.921%
64	11.538	3254	3265	3274	rVV7	4330	7494	0.33%	0.043%
65	11.622	3279	3291	3315	rBV	966358	1503535	65.68%	8.625%
66	12.117	3438	3445	3458	rVB6	4387	6404	0.28%	0.037%
67	12.255	3482	3488	3494	rBV4	796	1030	0.04%	0.006%
68	12.294	3497	3500	3506	rVV4	865	781	0.03%	0.004%
69	12.323	3506	3509	3514	rVB3	740	825	0.04%	0.005%
70	12.368	3514	3523	3534	rBV5	5015	8402	0.37%	0.048%
71	12.551	3574	3580	3589	rVB4	3879	5645	0.25%	0.032%
72	12.686	3614	3622	3630	rVB5	1776	2746	0.12%	0.016%
73	12.725	3630	3634	3638	rBV4	2097	2267	0.10%	0.013%
74	12.757	3639	3644	3652	rVB4	3644	4745	0.21%	0.027%
75	12.792	3652	3655	3662	rVB2	461	373	0.02%	0.002%
76	12.879	3677	3682	3683	rBV4	864	647	0.03%	0.004%

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 Title : VOC Analysis

77	12.918	3691	3694	3697	rBV2	525	397	0.02%	0.002%
78	13.062	3733	3739	3743	rBV5	772	768	0.03%	0.004%
79	13.165	3767	3771	3778	rVV6	584	777	0.03%	0.004%
80	13.214	3780	3786	3794	rVB3	2765	3349	0.15%	0.019%
81	13.268	3794	3803	3807	rBV5	2456	3826	0.17%	0.022%
82	13.310	3807	3816	3826	rVV3	8649	19770	0.86%	0.113%
83	13.368	3827	3834	3849	rVB	17848	28610	1.25%	0.164%
84	13.429	3849	3853	3857	rBV3	625	637	0.03%	0.004%
85	13.500	3865	3875	3895	rBV	159421	270228	11.80%	1.550%
86	13.625	3903	3914	3925	rVB2	15924	28216	1.23%	0.162%
87	13.677	3925	3930	3933	rBV4	2520	2653	0.12%	0.015%
88	13.779	3955	3962	3971	rVB5	2998	4118	0.18%	0.024%
89	13.914	3998	4004	4006	rBV5	1989	2424	0.11%	0.014%
90	14.185	4084	4088	4100	rVB5	2080	2833	0.12%	0.016%
91	14.300	4115	4124	4132	rVB7	5748	9250	0.40%	0.053%
92	14.442	4161	4168	4180	rBV9	4625	7355	0.32%	0.042%
93	14.577	4201	4210	4219	rBV5	6211	10432	0.46%	0.060%
94	14.757	4261	4266	4269	rBV4	1155	1098	0.05%	0.006%
95	14.815	4275	4284	4300	rBV	52837	89993	3.93%	0.516%
96	15.143	4382	4386	4388	rBV5	719	499	0.02%	0.003%
97	15.304	4431	4436	4438	rBV4	1834	1763	0.08%	0.010%
98	15.365	4447	4455	4465	rVB3	17611	26697	1.17%	0.153%
99	15.808	4585	4593	4600	rBV5	11144	18563	0.81%	0.106%
100	16.484	4794	4803	4814	rBV2	46650	73352	3.20%	0.421%

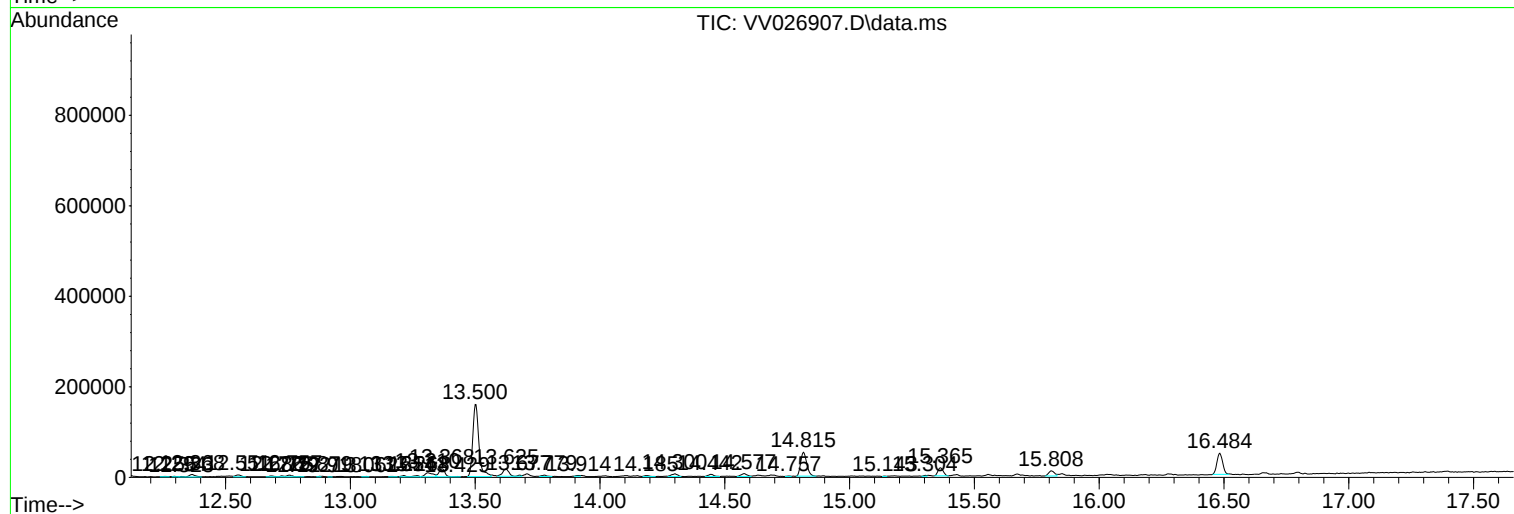
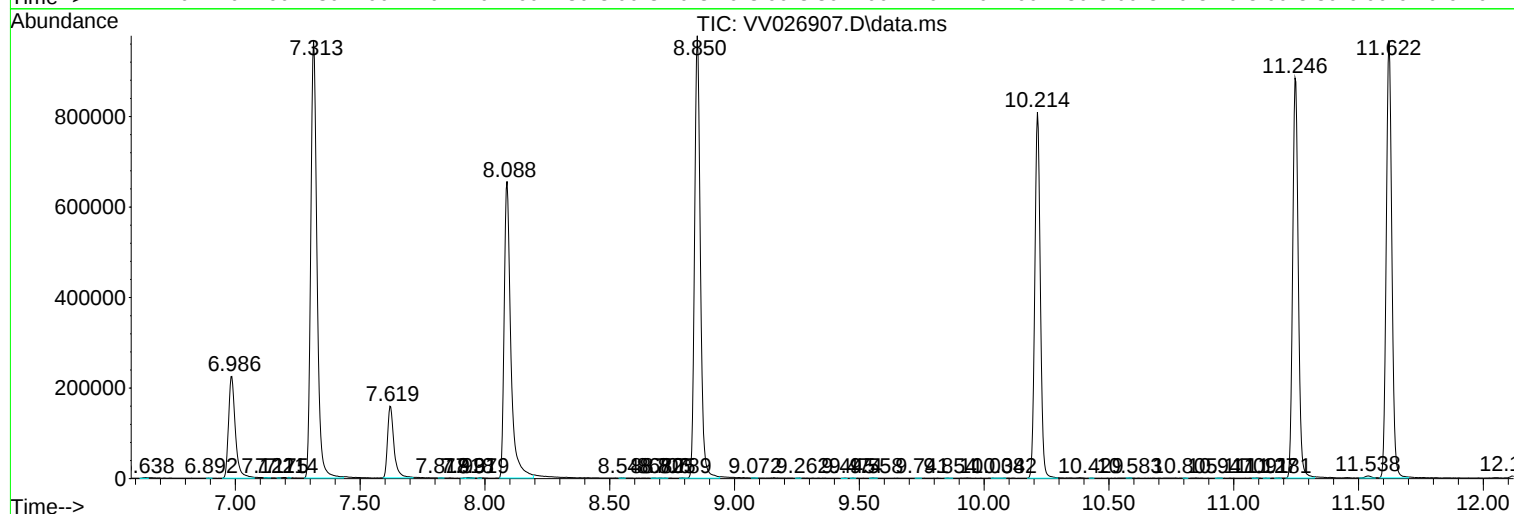
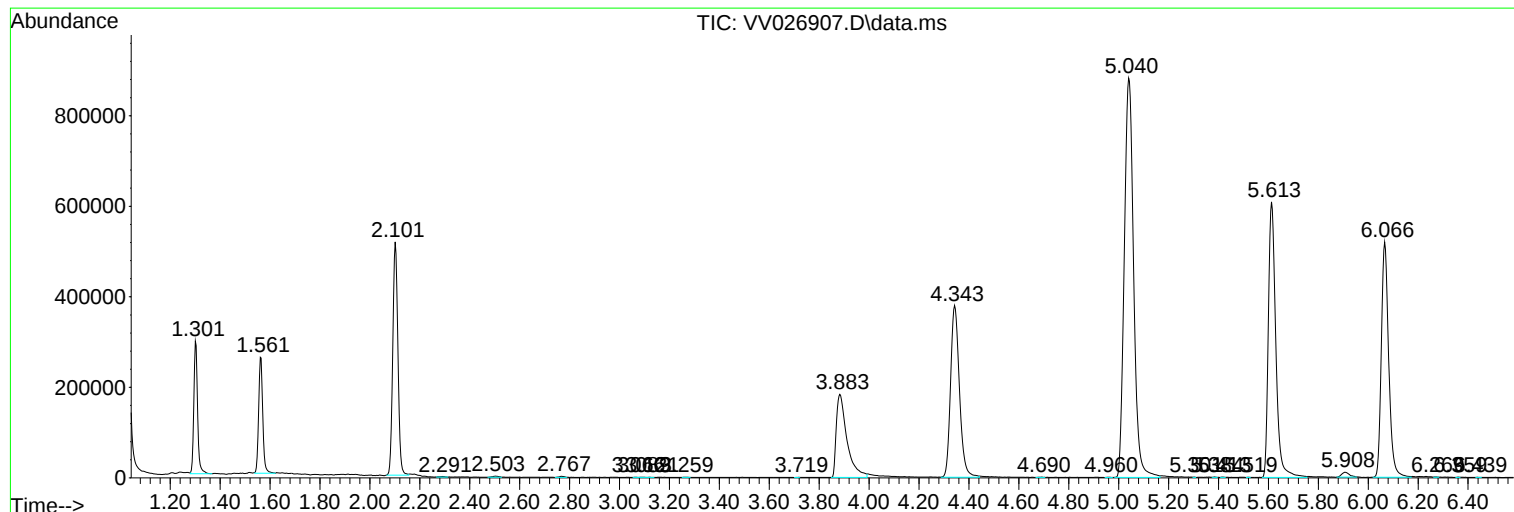
Sum of corrected areas: 17432098

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

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



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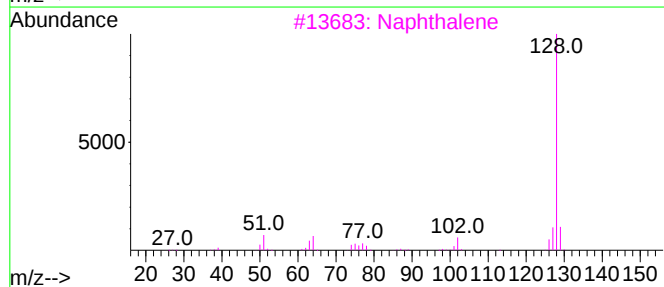
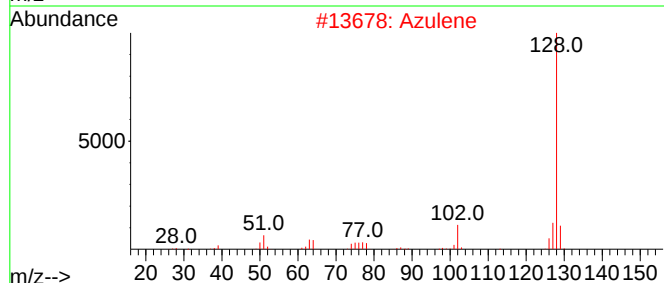
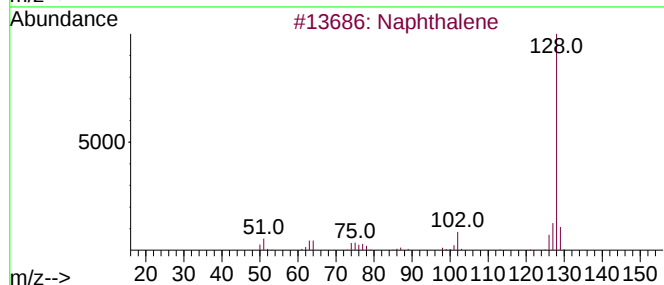
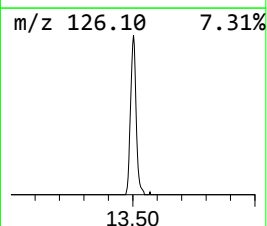
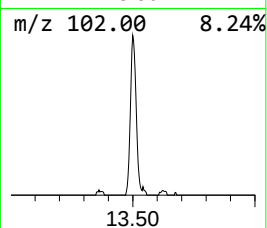
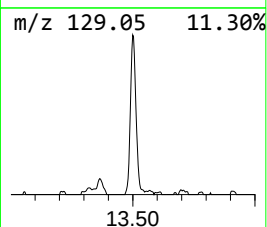
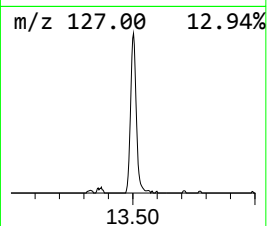
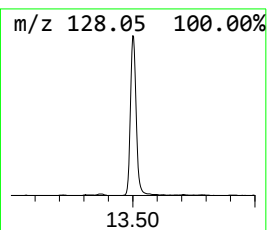
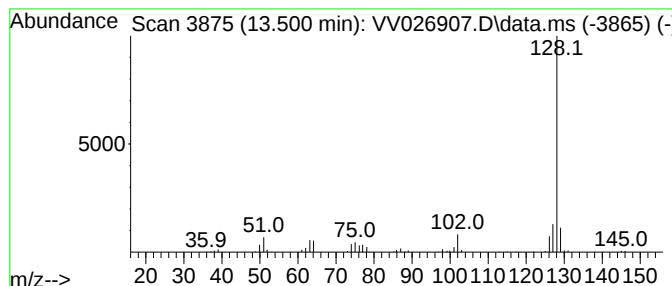
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.500	9.79 ug/L	270228	1,4-Dichlorobenzene-d4	11.246

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



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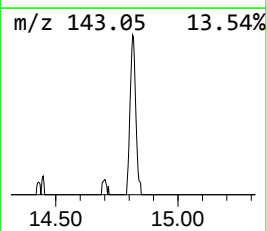
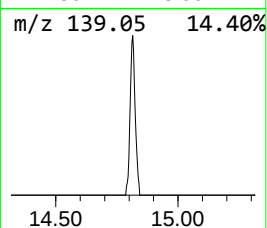
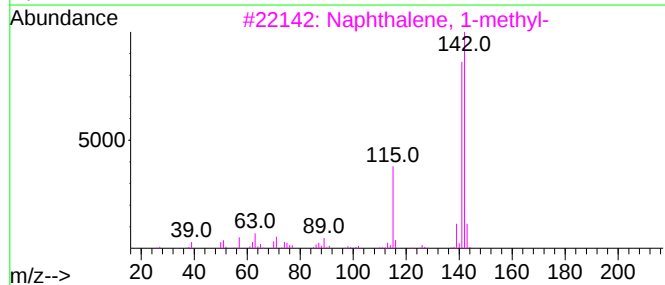
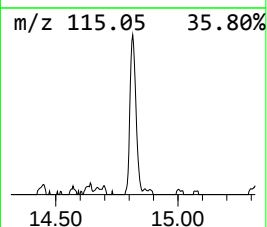
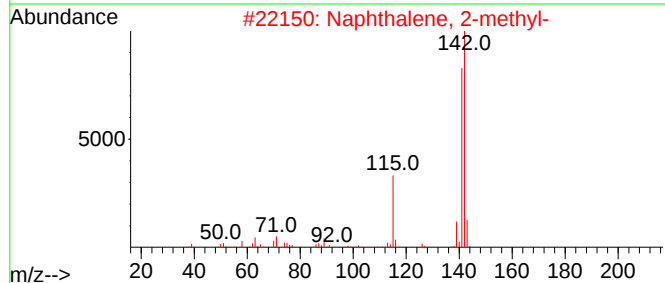
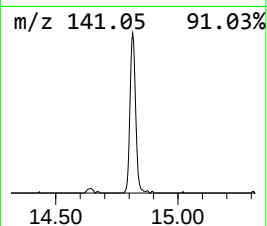
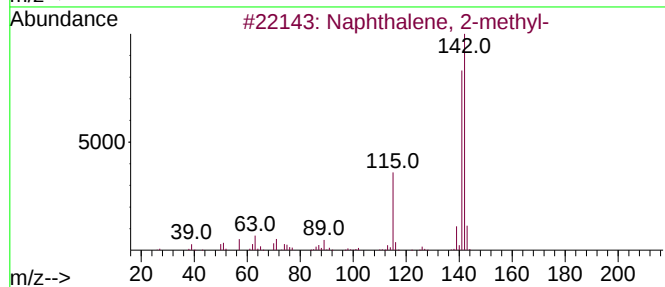
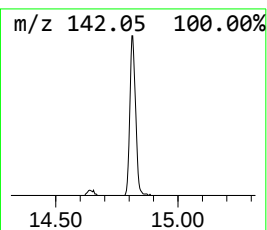
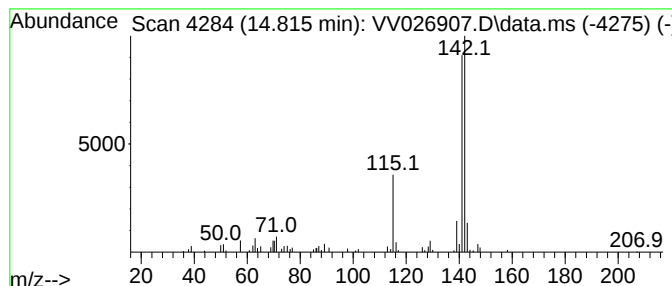
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.815	3.26 ug/L	89993	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Benzocycloheptatriene	142	C11H10	000264-09-5	91



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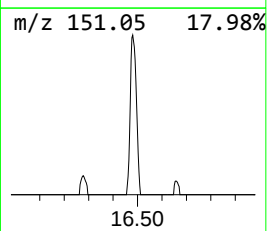
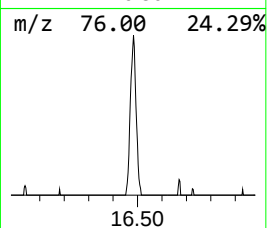
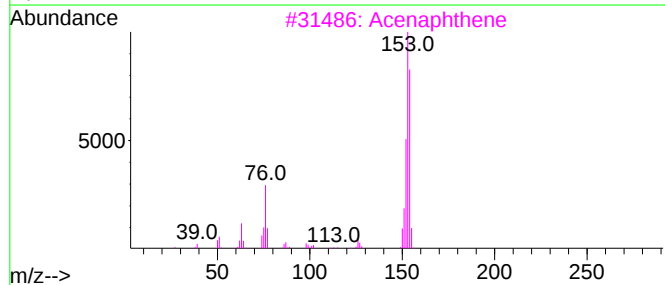
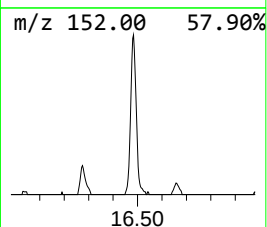
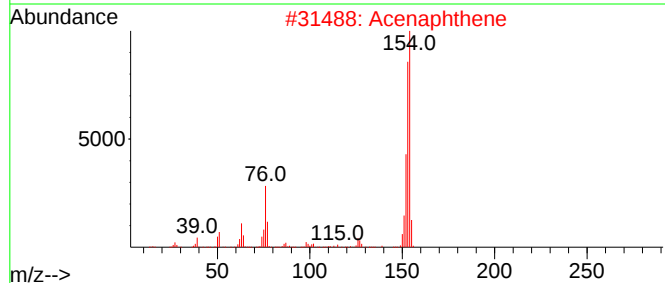
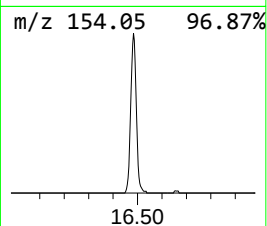
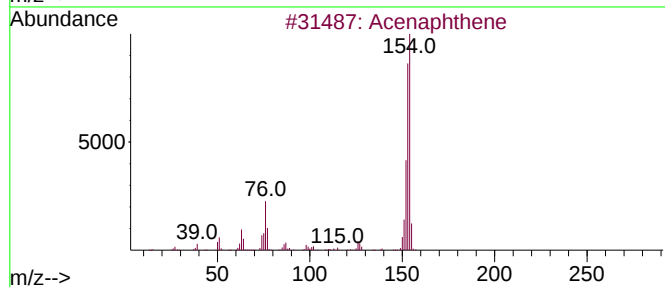
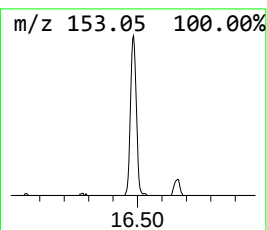
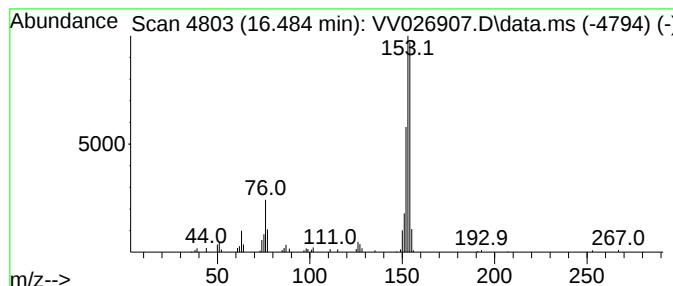
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Acenaphthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	2.66 ug/L	73352	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	91
2			Acenaphthene	154	C12H10	000083-32-9	90
3			Acenaphthene	154	C12H10	000083-32-9	76
4			Acenaphthene	154	C12H10	000083-32-9	74
5			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
Data File : VV026907.D
Acq On : 22 Jul 2022 23:21
Operator : SY/MD
Sample : N3841-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.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
Azulene	13.500	9.8	ug/L	270228	3	11.246	1380730	50.0
Naphthalene, 2-...	14.815	3.3	ug/L	89993	3	11.246	1380730	50.0
Acenaphthene	16.483	2.7	ug/L	73352	3	11.246	1380730	50.0