

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
 Data File : VV036789.D
 Acq On : 05 Aug 2024 16:03
 Operator : SY/MD
 Sample : P3437-14
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E05Y4

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\SFAMVLM080224WMA.M
 Title : VOC Analysis

Signal : TIC: VV036789.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	67	74	92	rVB	288515	309644	14.87%	1.720%
2	1.532	146	153	172	rVB	238201	284318	13.65%	1.579%
3	2.060	307	317	329	rBV	483081	701741	33.70%	3.898%
4	3.468	752	755	759	rBV5	1550	1369	0.07%	0.008%
5	3.725	833	835	838	rBV3	947	544	0.03%	0.003%
6	3.796	848	857	888	rBV	119040	323393	15.53%	1.797%
7	4.159	967	970	973	rBV4	718	515	0.02%	0.003%
8	4.246	980	997	1029	rBV	318587	818971	39.33%	4.550%
9	4.577	1096	1100	1103	rVV5	647	583	0.03%	0.003%
10	4.667	1121	1128	1133	rBV7	1145	1561	0.07%	0.009%
11	4.950	1201	1216	1249	rBV2	836094	2082405	100.00%	11.568%
12	5.307	1324	1327	1328	rBV3	912	538	0.03%	0.003%
13	5.349	1338	1340	1345	rVB6	1009	570	0.03%	0.003%
14	5.529	1385	1396	1423	rBV	658096	1336758	64.19%	7.426%
15	5.770	1467	1471	1474	rBV7	941	834	0.04%	0.005%
16	5.825	1478	1488	1504	rBV2	25886	58131	2.79%	0.323%
17	5.986	1525	1538	1569	rBV	459513	946635	45.46%	5.259%
18	6.333	1641	1646	1648	rBV5	996	860	0.04%	0.005%
19	6.513	1697	1702	1706	rBV5	1124	1147	0.06%	0.006%
20	6.558	1711	1716	1719	rBV4	995	902	0.04%	0.005%
21	6.645	1741	1743	1746	rBV4	777	634	0.03%	0.004%
22	6.744	1770	1774	1778	rVB4	1049	821	0.04%	0.005%
23	6.767	1778	1781	1784	rBV4	692	504	0.02%	0.003%
24	6.912	1815	1826	1855	rBV	273786	514642	24.71%	2.859%
25	7.066	1872	1874	1880	rVB6	1166	656	0.03%	0.004%
26	7.195	1912	1914	1916	rVB2	1409	605	0.03%	0.003%
27	7.240	1916	1928	1956	rBV	969815	1711287	82.18%	9.506%
28	7.551	2015	2025	2056	rBV	181330	335146	16.09%	1.862%
29	7.764	2087	2091	2092	rBV2	848	555	0.03%	0.003%
30	7.860	2117	2121	2123	rVB4	929	636	0.03%	0.004%
31	7.873	2123	2125	2129	rVB4	918	551	0.03%	0.003%
32	7.918	2136	2139	2142	rVB5	1249	812	0.04%	0.005%
33	7.941	2142	2146	2151	rVB6	980	935	0.04%	0.005%
34	8.027	2164	2173	2212	rBV2	326880	705861	33.90%	3.921%
35	8.310	2259	2261	2264	rBV5	847	552	0.03%	0.003%
36	8.452	2304	2305	2310	rVB3	999	497	0.02%	0.003%

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 Title : VOC Analysis

37	8.539	2330	2332	2334	rBV2	987	602	0.03%	0.003%
38	8.616	2353	2356	2359	rBV4	908	781	0.04%	0.004%
39	8.638	2361	2363	2367	rVB5	1130	571	0.03%	0.003%
40	8.674	2371	2374	2377	rVV5	1045	627	0.03%	0.003%
41	8.780	2394	2407	2445	rBV	993212	1638292	78.67%	9.101%
42	9.043	2485	2489	2491	rBV4	966	644	0.03%	0.004%
43	9.063	2493	2495	2498	rVB4	981	515	0.02%	0.003%
44	9.088	2498	2503	2504	rBV5	953	862	0.04%	0.005%
45	9.182	2527	2532	2533	rBV3	1085	899	0.04%	0.005%
46	9.304	2568	2570	2574	rBV4	753	542	0.03%	0.003%
47	9.387	2593	2596	2600	rVB5	723	531	0.03%	0.003%
48	9.571	2650	2653	2657	rVB5	726	645	0.03%	0.004%
49	9.661	2677	2681	2683	rBV5	971	826	0.04%	0.005%
50	9.728	2698	2702	2707	rVB5	1014	1114	0.05%	0.006%
51	9.757	2707	2711	2714	rBV5	675	599	0.03%	0.003%
52	10.149	2820	2833	2855	rBV	508582	796118	38.23%	4.423%
53	10.400	2907	2911	2916	rBV6	1005	960	0.05%	0.005%
54	10.474	2931	2934	2938	rBV6	1407	1121	0.05%	0.006%
55	10.513	2943	2946	2951	rBV6	553	531	0.03%	0.003%
56	10.612	2975	2977	2981	rVB4	1234	796	0.04%	0.004%
57	10.638	2981	2985	2986	rBV3	894	614	0.03%	0.003%
58	10.680	2991	2998	3001	rBV7	816	757	0.04%	0.004%
59	10.789	3027	3032	3034	rBV4	1333	1204	0.06%	0.007%
60	10.828	3040	3044	3046	rBV2	523	489	0.02%	0.003%
61	10.860	3049	3054	3059	rBV6	1649	1995	0.10%	0.011%
62	10.924	3071	3074	3077	rBV3	847	586	0.03%	0.003%
63	10.985	3090	3093	3098	rVB6	930	889	0.04%	0.005%
64	11.092	3123	3126	3128	rVB4	914	528	0.03%	0.003%
65	11.124	3128	3136	3137	rBV6	2825	2750	0.13%	0.015%
66	11.182	3142	3154	3179	rBV	1010491	1595817	76.63%	8.865%
67	11.464	3234	3242	3250	rVV	8262	12537	0.60%	0.070%
68	11.509	3254	3256	3259	rBV4	1114	629	0.03%	0.003%
69	11.555	3259	3270	3296	rBV	927627	1482475	71.19%	8.235%
70	12.059	3423	3427	3431	rBV5	1303	1069	0.05%	0.006%
71	12.442	3544	3546	3551	rVB4	775	627	0.03%	0.003%
72	12.471	3552	3555	3558	rVB4	845	572	0.03%	0.003%
73	12.500	3558	3564	3566	rVB4	781	742	0.04%	0.004%
74	12.545	3573	3578	3583	rVB5	858	782	0.04%	0.004%
75	12.641	3602	3608	3610	rBV5	681	661	0.03%	0.004%
76	12.651	3610	3611	3614	rVV3	976	573	0.03%	0.003%

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 Title : VOC Analysis

77	12.667	3614	3616	3619	rVB4	953	509	0.02%	0.003%
78	12.821	3660	3664	3673	rVB8	2895	3373	0.16%	0.019%
79	12.963	3706	3708	3711	rVB3	1105	587	0.03%	0.003%
80	12.985	3711	3715	3716	rBV4	823	538	0.03%	0.003%
81	13.111	3749	3754	3756	rBV5	910	868	0.04%	0.005%
82	13.181	3773	3776	3778	rBV2	912	494	0.02%	0.003%
83	13.207	3778	3784	3789	rBV7	3148	3625	0.17%	0.020%
84	13.278	3800	3806	3810	rBV6	825	939	0.05%	0.005%
85	13.432	3841	3854	3884	rBV	785176	1278347	61.39%	7.101%
86	13.561	3886	3894	3905	rVB	17631	32697	1.57%	0.182%
87	13.683	3926	3932	3937	rBV8	2242	2944	0.14%	0.016%
88	13.915	4001	4004	4007	rBV4	783	659	0.03%	0.004%
89	14.027	4035	4039	4041	rBV4	911	628	0.03%	0.003%
90	14.162	4078	4081	4083	rBV3	877	628	0.03%	0.003%
91	14.233	4099	4103	4106	rBV4	728	718	0.03%	0.004%
92	14.252	4106	4109	4112	rBV3	718	571	0.03%	0.003%
93	14.435	4164	4166	4169	rBV3	802	599	0.03%	0.003%
94	14.564	4196	4206	4227	rBV	250284	395972	19.02%	2.200%
95	14.747	4254	4263	4281	rBV	125190	205718	9.88%	1.143%
96	15.304	4427	4436	4449	rBV	36592	57767	2.77%	0.321%
97	15.490	4488	4494	4502	rBV	12890	17945	0.86%	0.100%
98	15.606	4522	4530	4542	rBV4	20623	38532	1.85%	0.214%
99	15.747	4565	4574	4581	rBV2	28117	47940	2.30%	0.266%
100	16.416	4772	4782	4793	rBV	132706	208664	10.02%	1.159%

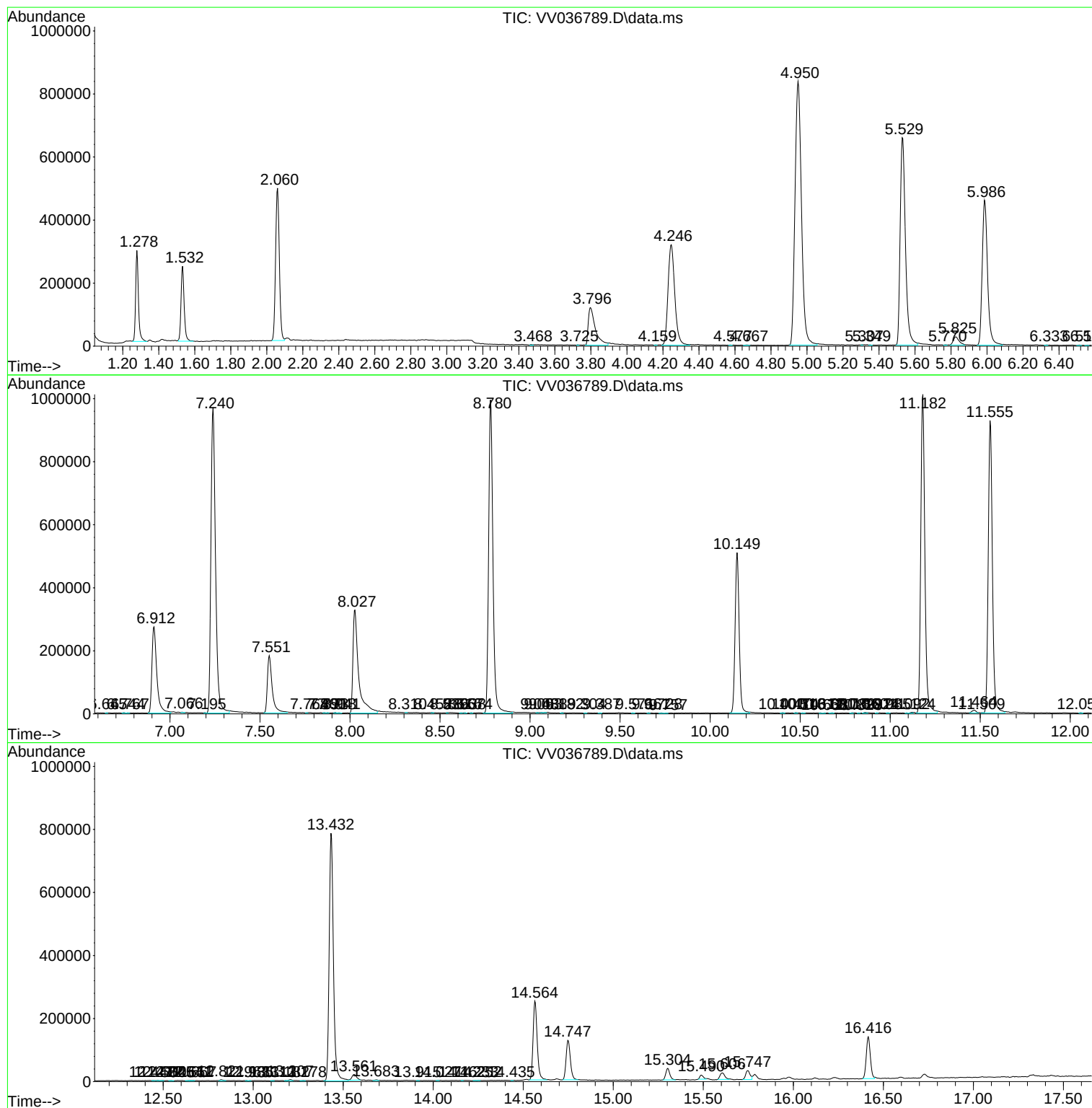
Sum of corrected areas: 18001247

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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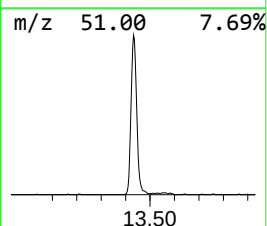
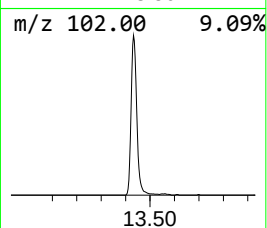
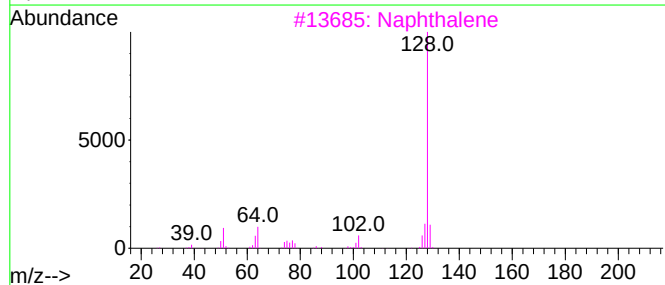
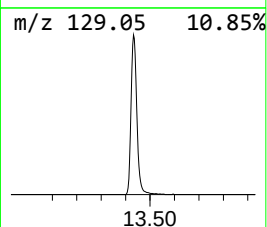
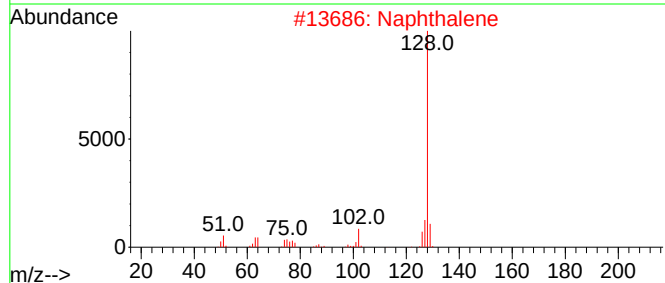
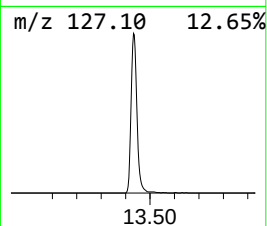
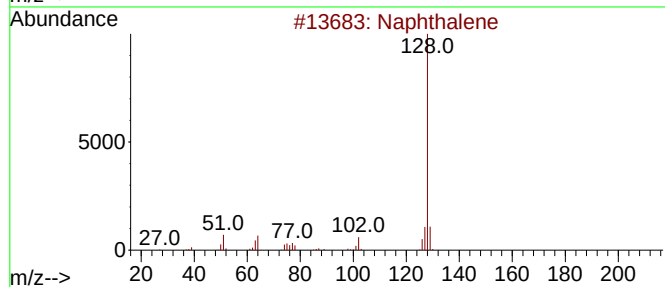
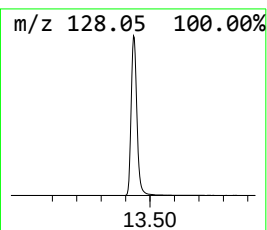
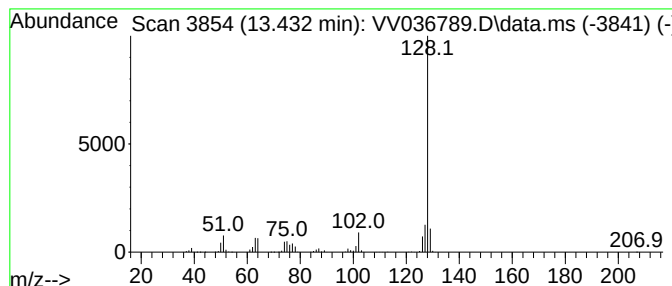
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.432	40.05 ug/L	1278350	1,4-Dichlorobenzene-d4	11.182

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



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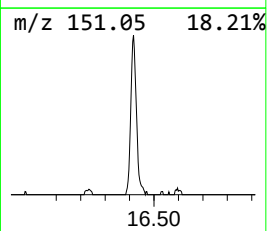
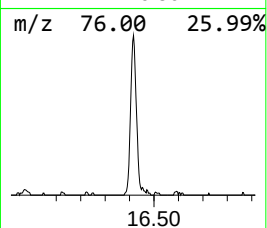
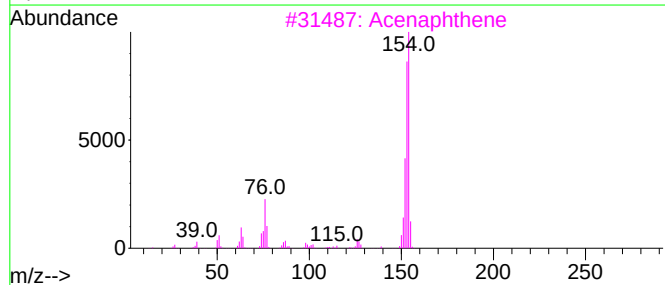
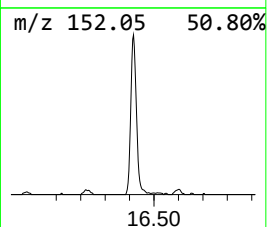
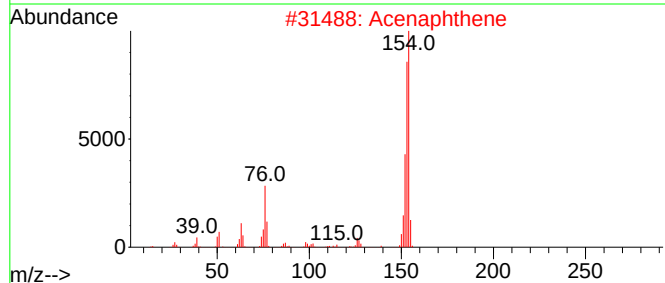
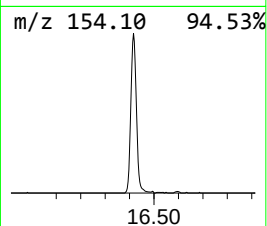
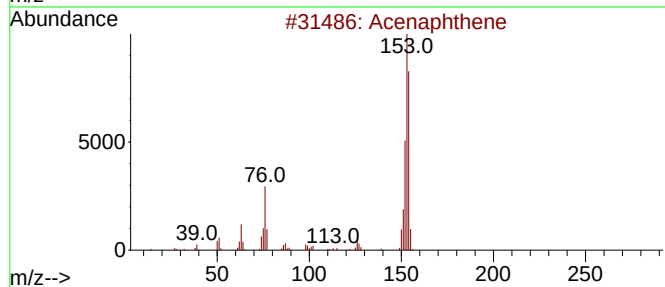
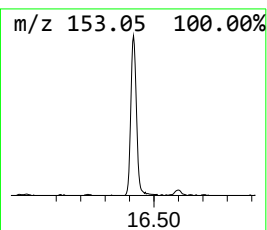
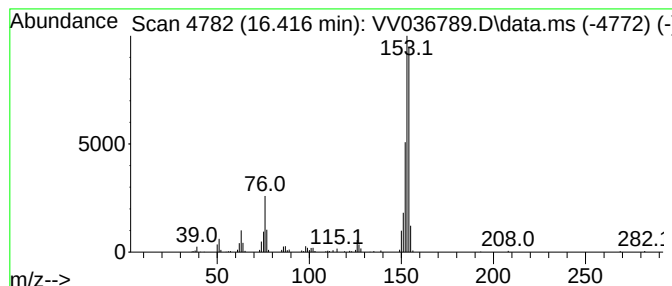
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2-ethenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.416	6.54 ug/L	208664	1,4-Dichlorobenzene-d4	11.182

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	96
2			Acenaphthene	154	C12H10	000083-32-9	96
3			Acenaphthene	154	C12H10	000083-32-9	95
4			Acenaphthene	154	C12H10	000083-32-9	81
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	68



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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	13.432	40.0	ug/L	1278350	3	11.182	1595820	50.0
Naphthalene, 2-...	16.416	6.5	ug/L	208664	3	11.182	1595820	50.0