

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
 Data File : VV035967.D
 Acq On : 04 Jun 2024 10:47
 Operator : SY/MD
 Sample : P2695-16
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4DF8

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\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV035967.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	93	rVB	279980	309034	3.36%	0.388%
2	1.526	144	151	166	rVB	223438	267087	2.91%	0.335%
3	2.050	304	314	328	rBV	466501	670355	7.30%	0.842%
4	2.146	329	344	406	rVB	198352	968071	10.54%	1.216%
5	2.439	423	435	460	rVV	1060812	1783667	19.41%	2.240%
6	2.551	461	470	486	rVB	23417	52147	0.57%	0.066%
7	2.686	499	512	555	rVB2	1135382	2431569	26.46%	3.054%
8	2.960	586	597	616	rVB3	22900	48466	0.53%	0.061%
9	3.101	625	641	674	rBV	878354	1837733	20.00%	2.308%
10	3.699	825	827	833	rVB	660	491	0.01%	0.001%
11	3.802	845	859	881	rBV	1087783	2741309	29.84%	3.443%
12	4.259	980	1001	1038	rBV4	541111	1835585	19.98%	2.306%
13	4.506	1068	1078	1091	rVB4	6286	14603	0.16%	0.018%
14	4.725	1124	1146	1171	rVV	214757	534833	5.82%	0.672%
15	4.950	1198	1216	1221	rBV2	674695	1452805	15.81%	1.825%
16	4.998	1222	1231	1277	rVB	2417165	5432845	59.13%	6.824%
17	5.526	1384	1395	1437	rBV	532219	1138176	12.39%	1.430%
18	5.821	1473	1487	1524	rBV	2485085	4933351	53.69%	6.197%
19	5.982	1525	1537	1569	rVB	367834	771000	8.39%	0.968%
20	6.426	1661	1675	1709	rBV	935693	1815037	19.75%	2.280%
21	6.571	1712	1720	1746	rVV	31276	80342	0.87%	0.101%
22	6.908	1813	1825	1828	rBV	207954	274143	2.98%	0.344%
23	6.947	1828	1837	1881	rVB	1484155	2696894	29.35%	3.388%
24	7.153	1890	1901	1918	rBV	1741664	3186759	34.68%	4.003%
25	7.236	1918	1927	1939	rVV	846446	1516768	16.51%	1.905%
26	7.307	1939	1949	1985	rVB	1648295	2866084	31.19%	3.600%
27	7.551	2015	2025	2056	rBV	116674	218523	2.38%	0.274%
28	7.763	2079	2091	2115	rBV	950900	1623131	17.67%	2.039%
29	7.898	2117	2133	2158	rVB	1182722	2024034	22.03%	2.542%
30	8.030	2166	2174	2204	rBV	116174	251478	2.74%	0.316%
31	8.172	2205	2218	2240	rVV	1095760	1872311	20.38%	2.352%
32	8.278	2240	2251	2268	rVV	305568	541467	5.89%	0.680%
33	8.358	2270	2276	2293	rVB3	20651	37697	0.41%	0.047%
34	8.448	2300	2304	2305	rBV4	785	532	0.01%	0.001%
35	8.542	2328	2333	2334	rBV2	626	482	0.01%	0.001%
36	8.593	2340	2349	2364	rVV8	2903	6844	0.07%	0.009%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Title : VOC Analysis

37	8.696	2378	2381	2387	rVB5	754	701	0.01%	0.001%
38	8.779	2396	2407	2432	rBV	824162	1373277	14.95%	1.725%
39	8.902	2432	2445	2450	rVV	1463175	2275849	24.77%	2.859%
40	8.940	2450	2457	2485	rVV	3668837	5576797	60.70%	7.005%
41	9.066	2485	2496	2536	rVB	1275954	2099965	22.86%	2.638%
42	9.230	2545	2547	2549	rBV2	1138	682	0.01%	0.001%
43	9.268	2557	2559	2561	rBV3	895	479	0.01%	0.001%
44	9.358	2586	2587	2594	rVB3	840	641	0.01%	0.001%
45	9.487	2611	2627	2669	rBV3	4553934	9188114	100.00%	11.541%
46	9.660	2669	2681	2709	rVB	935440	1545864	16.82%	1.942%
47	9.873	2739	2747	2759	rVB3	7534	13497	0.15%	0.017%
48	10.040	2794	2799	2800	rBV2	1167	725	0.01%	0.001%
49	10.082	2809	2812	2815	rBV2	846	592	0.01%	0.001%
50	10.111	2818	2821	2823	rVV3	814	543	0.01%	0.001%
51	10.175	2823	2841	2871	rVV2	892264	1782832	19.40%	2.239%
52	10.323	2876	2887	2898	rVB2	33304	57669	0.63%	0.072%
53	10.484	2931	2937	2943	rVV4	1802	2533	0.03%	0.003%
54	10.519	2945	2948	2954	rVB5	1343	1194	0.01%	0.001%
55	10.635	2981	2984	2987	rVB2	817	533	0.01%	0.001%
56	10.651	2987	2989	2992	rBV	719	534	0.01%	0.001%
57	10.741	3008	3017	3028	rVB8	2320	3920	0.04%	0.005%
58	10.802	3028	3036	3046	rBV6	8084	12442	0.14%	0.016%
59	10.857	3047	3053	3058	rBV4	2347	2582	0.03%	0.003%
60	11.082	3119	3123	3125	rBV3	861	517	0.01%	0.001%
61	11.127	3131	3137	3143	rBV6	3161	3996	0.04%	0.005%
62	11.204	3143	3161	3191	rBV2	2767270	5379958	58.55%	6.758%
63	11.442	3232	3235	3241	rBV6	717	627	0.01%	0.001%
64	11.558	3259	3271	3291	rBV	700607	1108098	12.06%	1.392%
65	11.680	3307	3309	3313	rVB3	1794	1034	0.01%	0.001%
66	11.712	3314	3319	3321	rBV5	914	852	0.01%	0.001%
67	11.770	3334	3337	3338	rBV3	944	507	0.01%	0.001%
68	11.831	3348	3356	3366	rVB7	9865	16190	0.18%	0.020%
69	11.914	3378	3382	3384	rBV6	773	685	0.01%	0.001%
70	12.037	3416	3420	3423	rBV3	798	701	0.01%	0.001%
71	12.075	3430	3432	3435	rVB3	889	479	0.01%	0.001%
72	12.194	3459	3469	3480	rVB2	13778	23378	0.25%	0.029%
73	12.242	3480	3484	3487	rBV3	524	466	0.01%	0.001%
74	12.361	3509	3521	3543	rBV	389873	628651	6.84%	0.790%
75	12.496	3561	3563	3566	rVB3	1026	570	0.01%	0.001%
76	12.516	3566	3569	3573	rBV4	665	565	0.01%	0.001%

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 Title : VOC Analysis

77	12.538	3574	3576	3581	rVB3	941	622	0.01%	0.001%
78	12.593	3581	3593	3601	rBV10	3610	7954	0.09%	0.010%
79	12.824	3659	3665	3679	rVB6	4532	7524	0.08%	0.009%
80	13.075	3735	3743	3751	rBV8	1461	2508	0.03%	0.003%
81	13.204	3775	3783	3794	rVV4	4530	6891	0.07%	0.009%
82	13.320	3815	3819	3822	rBV5	791	687	0.01%	0.001%
83	13.435	3843	3855	3883	rBV	1400911	2153856	23.44%	2.705%
84	13.683	3920	3932	3945	rVB2	40159	63041	0.69%	0.079%
85	13.985	4017	4026	4034	rBV2	5026	9133	0.10%	0.011%
86	14.078	4049	4055	4057	rBV7	1367	1440	0.02%	0.002%
87	14.094	4058	4060	4064	rVB3	769	593	0.01%	0.001%
88	14.165	4079	4082	4085	rVB4	1051	723	0.01%	0.001%
89	14.271	4109	4115	4117	rBV5	1397	1218	0.01%	0.002%
90	14.381	4147	4149	4154	rVV4	796	553	0.01%	0.001%
91	14.705	4247	4250	4255	rBV3	737	784	0.01%	0.001%
92	14.786	4269	4275	4281	rBV4	1680	1840	0.02%	0.002%
93	15.036	4349	4353	4357	rBV5	1064	703	0.01%	0.001%
94	15.072	4362	4364	4370	rBV4	560	550	0.01%	0.001%
95	15.239	4413	4416	4420	rVB4	832	554	0.01%	0.001%
96	15.258	4420	4422	4426	rBV3	721	621	0.01%	0.001%
97	15.332	4442	4445	4449	rVB3	1054	853	0.01%	0.001%
98	15.448	4478	4481	4483	rBV3	953	774	0.01%	0.001%
99	15.760	4574	4578	4583	rBV5	925	1173	0.01%	0.001%
100	16.194	4710	4713	4718	rBV6	922	908	0.01%	0.001%

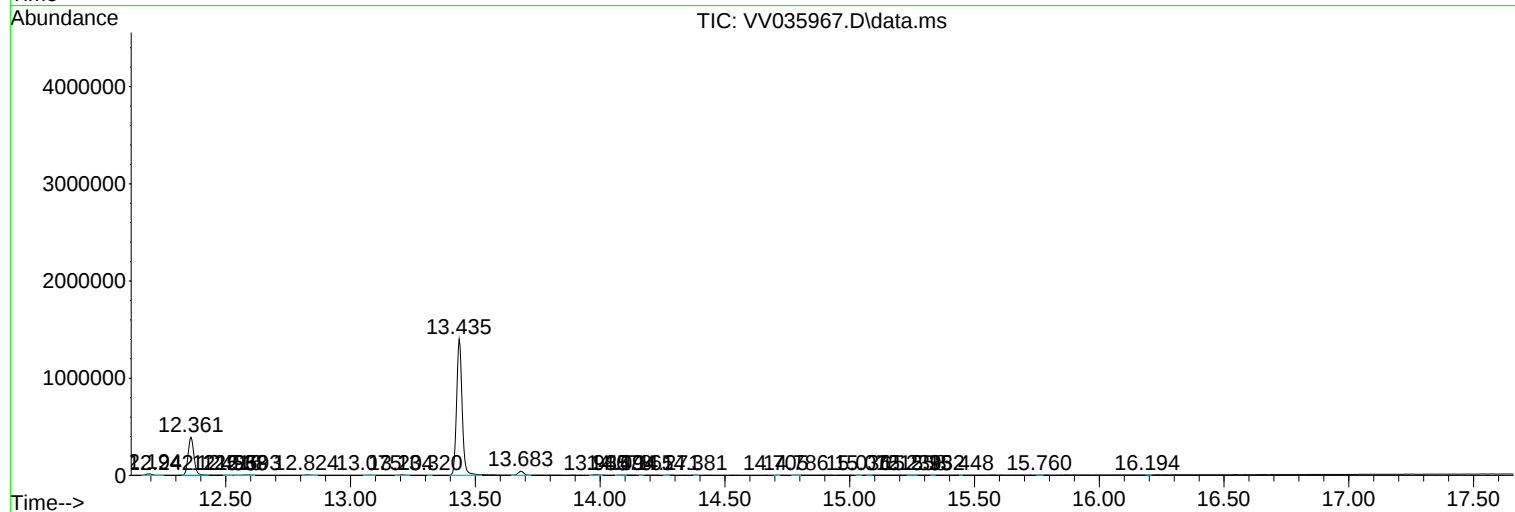
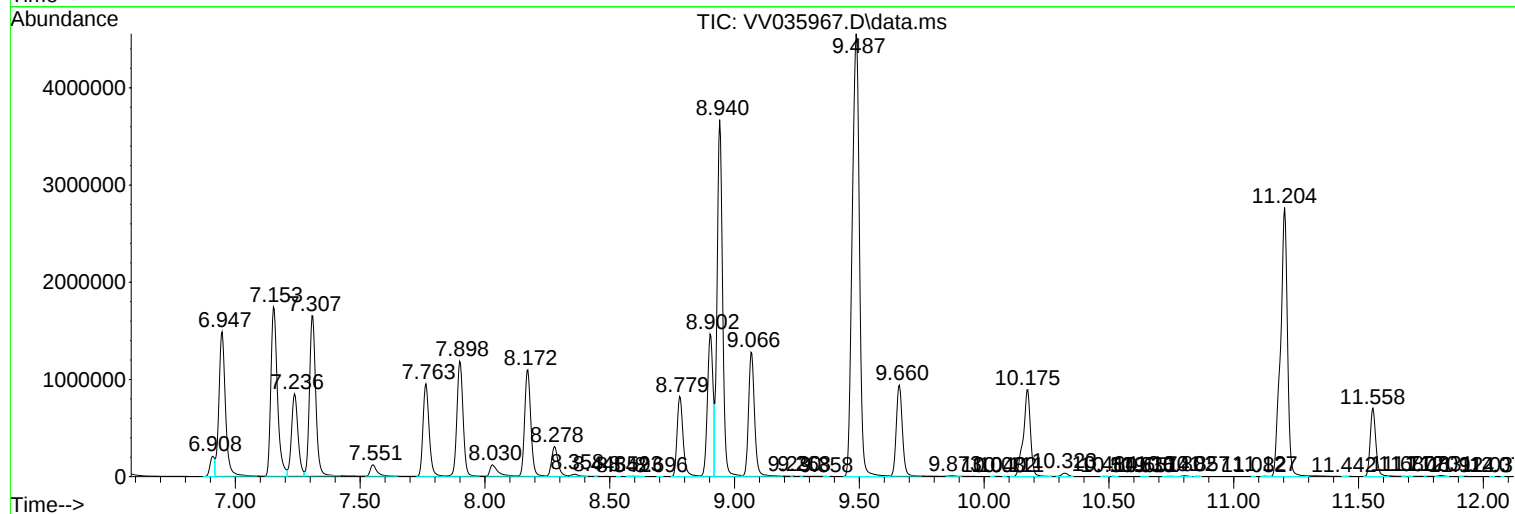
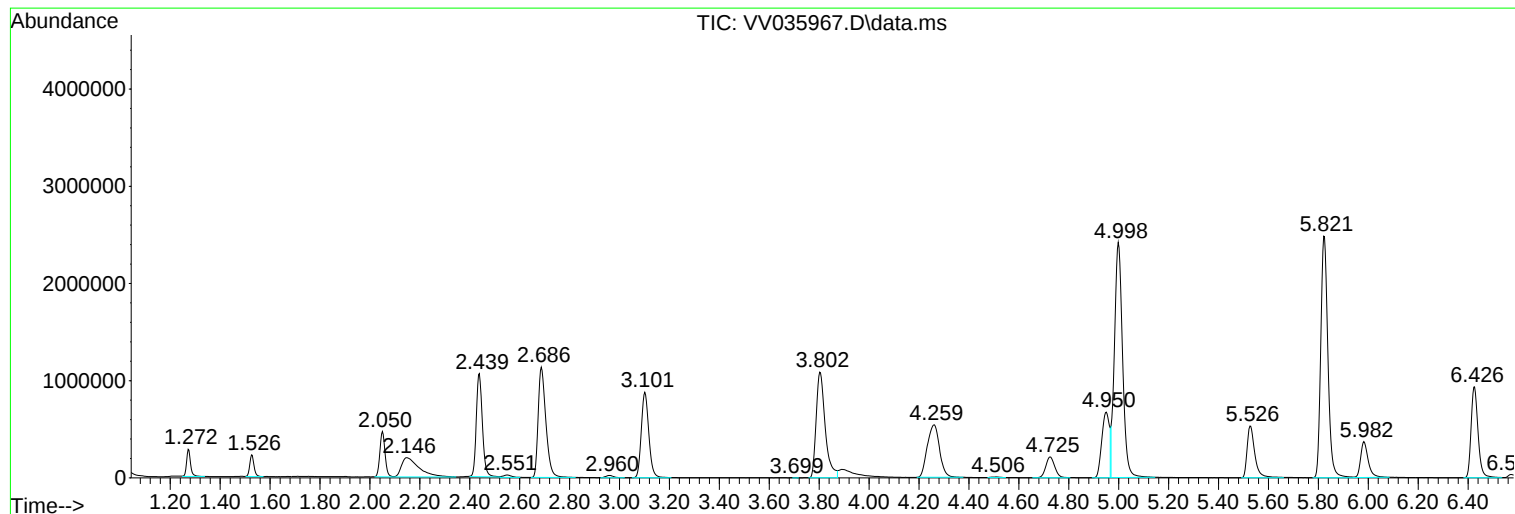
Sum of corrected areas: 79610395

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



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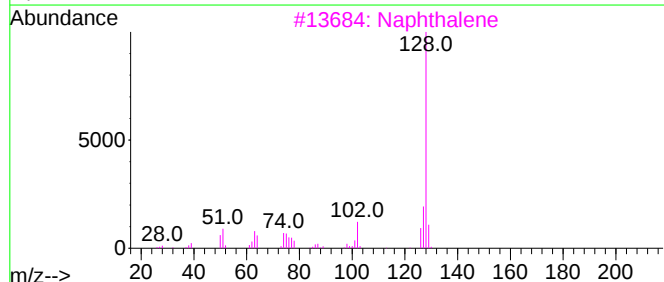
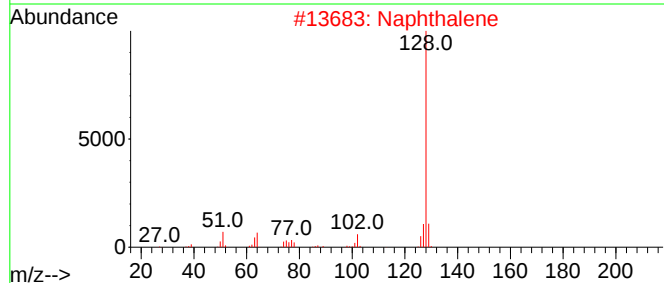
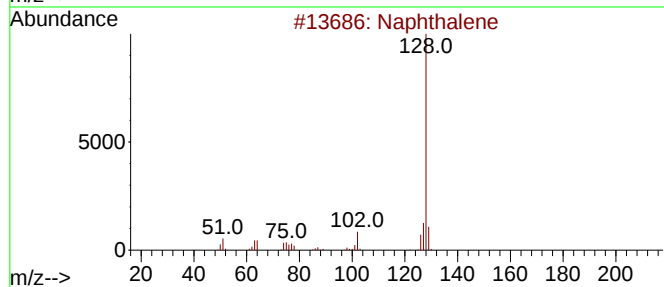
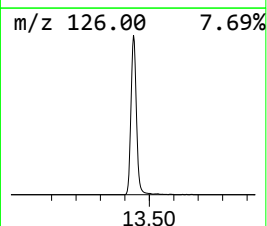
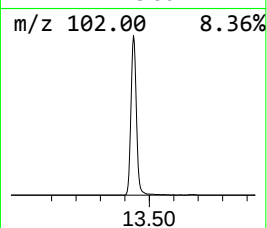
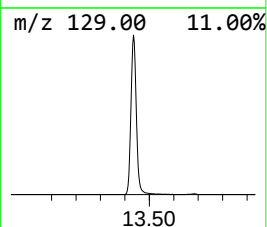
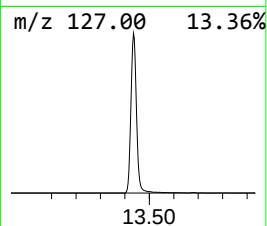
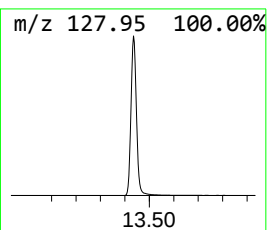
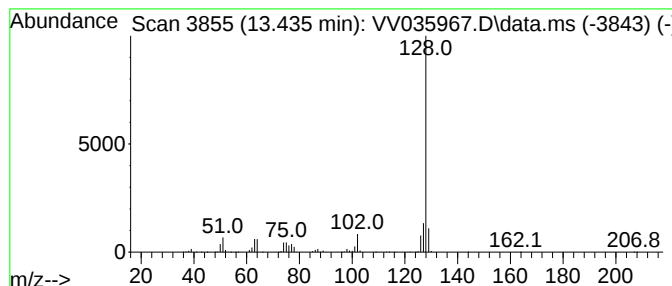
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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.
13.435	10.01 ug/L	2153860	1,4-Dichlorobenzene-d4	11.181

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	91
5			Azulene	128	C10H8	000275-51-4	91



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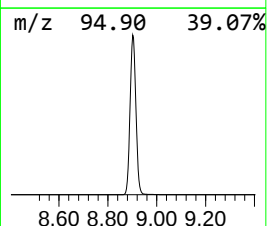
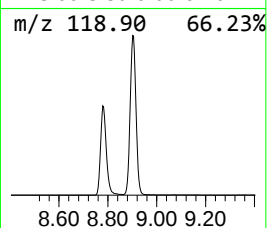
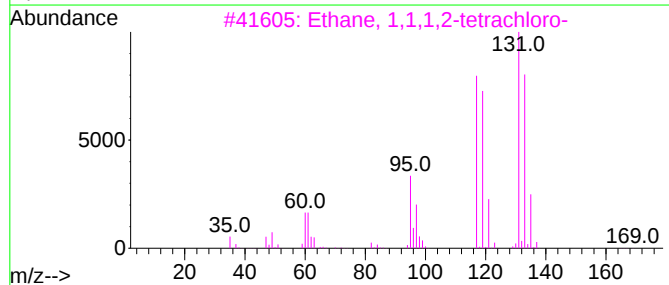
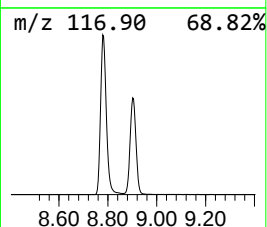
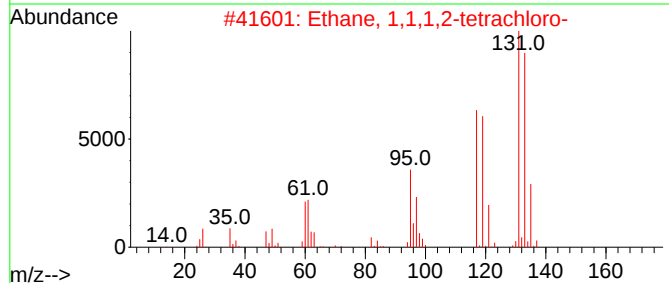
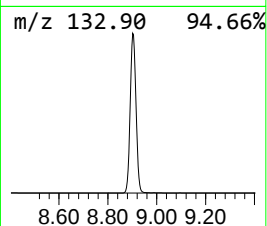
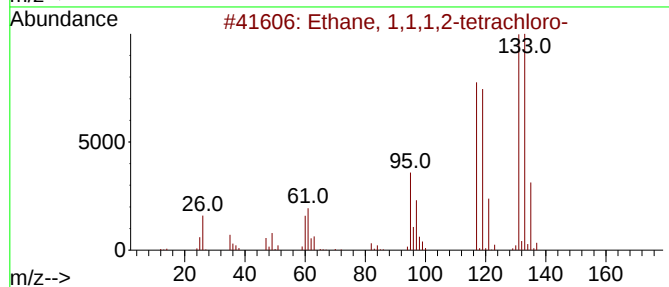
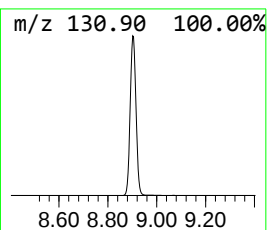
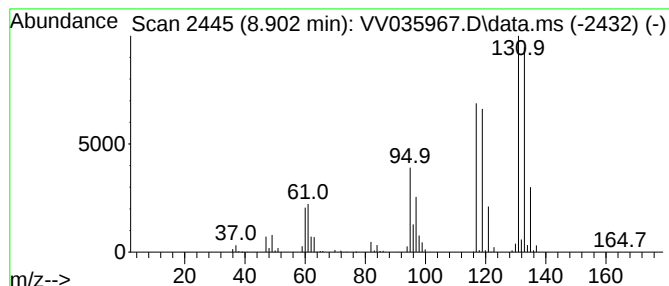
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.902	41.43 ug/L	2275850	Chlorobenzene-d5	8.779

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
2			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
3			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
4			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	72
5			Trichloroacetyl chloride	180	C2Cl4O	000076-02-8	11



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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	13.435	10.0	ug/L	2153860	3	11.181	5379960	25.0
Ethane, 1,1,1,2...	8.902	41.4	ug/L	2275850	2	8.779	1373280	25.0