

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036079.D
 Acq On : 13 Jun 2024 22:59
 Operator : SY/MD
 Sample : P2856-12
 Misc : 5.91g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SH4

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: VV036079.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	91	rBV	405648	445994	16.08%	2.148%
2	1.526	144	151	168	rVB	330881	403997	14.56%	1.946%
3	2.050	303	314	335	rBV	658052	980182	35.33%	4.722%
4	2.362	402	411	425	rBV	19980	48380	1.74%	0.233%
5	2.442	426	436	459	rVB	166142	295985	10.67%	1.426%
6	2.857	562	565	572	rVB2	534	591	0.02%	0.003%
7	2.963	584	598	615	rBV2	52225	108367	3.91%	0.522%
8	3.088	632	637	639	rBV5	666	601	0.02%	0.003%
9	3.191	666	669	675	rVV3	374	365	0.01%	0.002%
10	3.246	684	686	691	rVB3	450	351	0.01%	0.002%
11	3.278	691	696	701	rBV3	640	676	0.02%	0.003%
12	3.831	851	868	915	rBV	41010	212699	7.67%	1.025%
13	4.243	980	996	1028	rBV	435594	1142778	41.19%	5.505%
14	4.503	1074	1077	1081	rBV2	572	525	0.02%	0.003%
15	4.680	1130	1132	1136	rVB4	652	325	0.01%	0.002%
16	4.950	1200	1216	1260	rBV2	1073761	2774114	100.00%	13.363%
17	5.252	1309	1310	1316	rVB4	861	648	0.02%	0.003%
18	5.529	1385	1396	1438	rBV	744376	1556205	56.10%	7.496%
19	5.825	1477	1488	1516	rBV2	43295	97266	3.51%	0.469%
20	5.985	1524	1538	1575	rBV	620107	1299807	46.85%	6.261%
21	6.381	1660	1661	1665	rVV2	650	461	0.02%	0.002%
22	6.419	1669	1673	1675	rBV3	516	374	0.01%	0.002%
23	6.484	1691	1693	1696	rVB	908	459	0.02%	0.002%
24	6.583	1719	1724	1728	rVB2	534	552	0.02%	0.003%
25	6.612	1728	1733	1737	rBV3	465	424	0.02%	0.002%
26	6.696	1756	1759	1762	rVB3	520	347	0.01%	0.002%
27	6.911	1815	1826	1860	rBV	299166	585700	21.11%	2.821%
28	7.140	1894	1897	1902	rVB3	611	552	0.02%	0.003%
29	7.239	1916	1928	1964	rBV	1249838	2231714	80.45%	10.750%
30	7.490	2002	2006	2009	rBV5	768	680	0.02%	0.003%
31	7.516	2011	2014	2016	rBV3	672	450	0.02%	0.002%
32	7.551	2016	2025	2057	rBV	190707	360835	13.01%	1.738%
33	7.879	2115	2127	2128	rBV3	14339	20181	0.73%	0.097%
34	7.908	2130	2136	2158	rVB	46357	81185	2.93%	0.391%
35	8.034	2166	2175	2206	rBV	105669	244416	8.81%	1.177%
36	8.358	2271	2276	2289	rVB4	6885	12154	0.44%	0.059%

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

37	8.445	2301	2303	2307	rVB3	867	476	0.02%	0.002%
38	8.474	2308	2312	2313	rBV3	547	384	0.01%	0.002%
39	8.503	2316	2321	2326	rVV7	1290	1416	0.05%	0.007%
40	8.603	2346	2352	2367	rVB10	3109	5856	0.21%	0.028%
41	8.667	2367	2372	2374	rBV3	434	320	0.01%	0.002%
42	8.731	2383	2392	2396	rBV6	2493	3723	0.13%	0.018%
43	8.783	2396	2408	2436	rBV	1156442	1922059	69.29%	9.259%
44	8.956	2456	2462	2474	rVB	7478	13113	0.47%	0.063%
45	9.088	2497	2503	2511	rBV4	5885	8017	0.29%	0.039%
46	9.243	2545	2551	2552	rBV2	1378	1103	0.04%	0.005%
47	9.345	2578	2583	2585	rVV4	1177	1153	0.04%	0.006%
48	9.358	2585	2587	2588	rVV2	725	326	0.01%	0.002%
49	9.387	2588	2596	2597	rVV6	2330	2675	0.10%	0.013%
50	9.413	2598	2604	2611	rVB8	5487	8681	0.31%	0.042%
51	9.490	2618	2628	2631	rBV4	5562	8132	0.29%	0.039%
52	9.606	2660	2664	2666	rBV3	1327	1229	0.04%	0.006%
53	9.648	2669	2677	2687	rVB3	15775	25037	0.90%	0.121%
54	9.734	2699	2704	2713	rVB6	7386	11151	0.40%	0.054%
55	9.905	2753	2757	2765	rBV8	2866	4179	0.15%	0.020%
56	9.953	2766	2772	2782	rVV4	7590	12566	0.45%	0.061%
57	10.024	2790	2794	2799	rVB2	7520	7266	0.26%	0.035%
58	10.149	2816	2833	2853	rBV	434166	745185	26.86%	3.590%
59	10.323	2877	2887	2898	rBV2	23567	42719	1.54%	0.206%
60	10.622	2967	2980	2981	rBV10	2894	4499	0.16%	0.022%
61	10.709	3001	3007	3018	rVB3	17008	24791	0.89%	0.119%
62	10.818	3033	3041	3048	rBV6	15881	25617	0.92%	0.123%
63	10.976	3081	3090	3093	rBV6	3510	5439	0.20%	0.026%
64	11.033	3103	3108	3115	rBV7	4212	5202	0.19%	0.025%
65	11.088	3119	3125	3134	rBV3	8630	12950	0.47%	0.062%
66	11.181	3144	3154	3177	rBV	1090141	1697541	61.19%	8.177%
67	11.493	3240	3251	3260	rBV5	18801	43627	1.57%	0.210%
68	11.558	3260	3271	3292	rVB	1084202	1697456	61.19%	8.177%
69	12.098	3437	3439	3442	rVB2	1012	491	0.02%	0.002%
70	12.114	3442	3444	3452	rBV5	419	551	0.02%	0.003%
71	12.194	3459	3469	3480	rBV	17872	29588	1.07%	0.143%
72	12.255	3485	3488	3491	rBV4	1084	928	0.03%	0.004%
73	12.310	3499	3505	3508	rBV6	1732	2144	0.08%	0.010%
74	12.570	3582	3586	3590	rBV4	585	571	0.02%	0.003%
75	12.654	3609	3612	3613	rBV2	655	381	0.01%	0.002%
76	12.741	3637	3639	3643	rBV5	525	334	0.01%	0.002%

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 Title : VOC Analysis

77	12.760	3643	3645	3649	rVB5	522	340	0.01%	0.002%
78	12.792	3651	3655	3658	rVV4	741	672	0.02%	0.003%
79	12.824	3659	3665	3675	rVB8	3988	6075	0.22%	0.029%
80	12.885	3681	3684	3686	rBV2	464	327	0.01%	0.002%
81	12.950	3701	3704	3706	rBV2	440	332	0.01%	0.002%
82	13.001	3715	3720	3723	rBV4	955	997	0.04%	0.005%
83	13.059	3734	3738	3742	rBV3	583	608	0.02%	0.003%
84	13.146	3762	3765	3768	rVB2	665	402	0.01%	0.002%
85	13.201	3779	3782	3785	rBV5	1093	802	0.03%	0.004%
86	13.300	3809	3813	3818	rBV3	700	705	0.03%	0.003%
87	13.326	3818	3821	3823	rBV2	551	308	0.01%	0.001%
88	13.368	3832	3834	3839	rBV3	477	407	0.01%	0.002%
89	13.435	3842	3855	3887	rBV	845676	1363616	49.16%	6.569%
90	13.683	3924	3932	3943	rVB	25918	38777	1.40%	0.187%
91	13.831	3975	3978	3980	rBV3	1046	588	0.02%	0.003%
92	13.982	4015	4025	4037	rBV	13977	23845	0.86%	0.115%
93	14.165	4078	4082	4088	rVB8	1150	1383	0.05%	0.007%
94	14.204	4091	4094	4095	rBV2	1110	620	0.02%	0.003%
95	14.355	4138	4141	4144	rBV4	802	716	0.03%	0.003%
96	14.490	4180	4183	4185	rBV3	816	475	0.02%	0.002%
97	14.577	4201	4210	4225	rBV	10771	19986	0.72%	0.096%
98	14.757	4261	4266	4274	rBV2	5561	7160	0.26%	0.034%
99	15.422	4471	4473	4477	rBV4	1068	612	0.02%	0.003%
100	15.644	4540	4542	4544	rBV3	1223	569	0.02%	0.003%

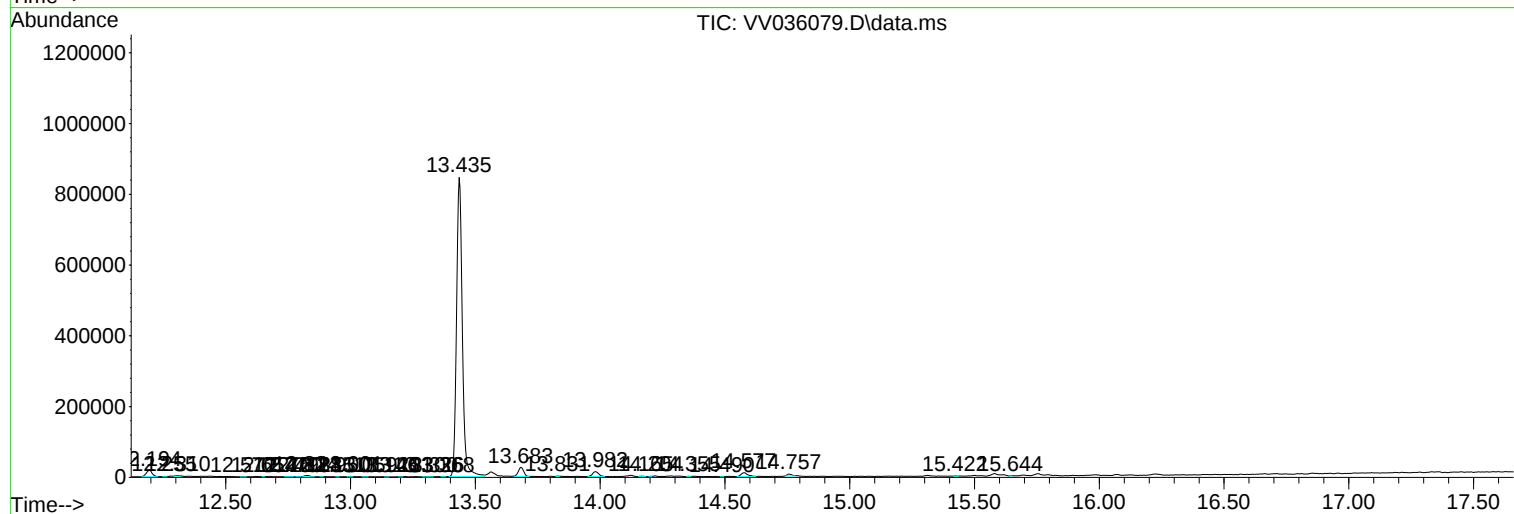
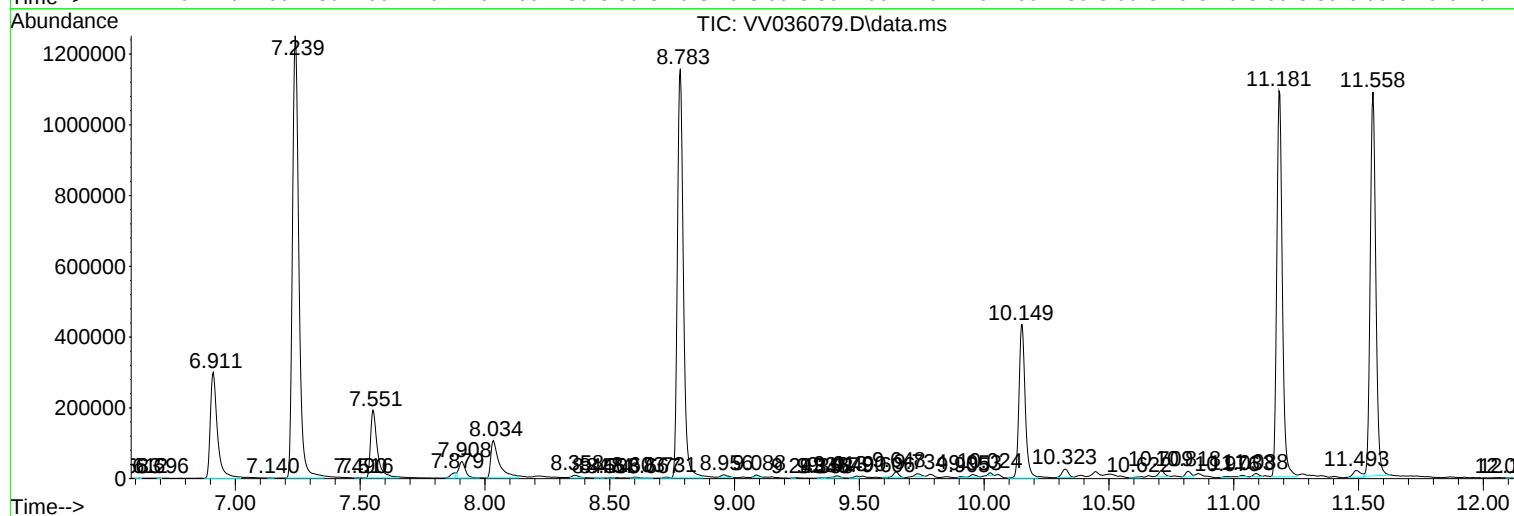
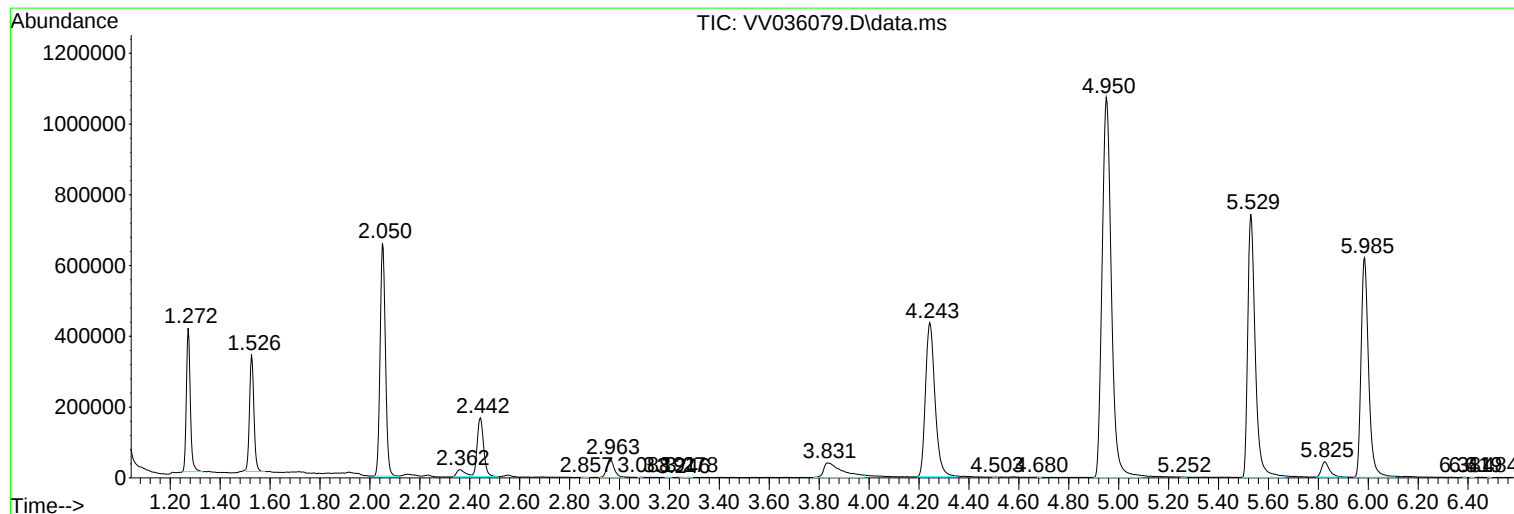
Sum of corrected areas: 20759538

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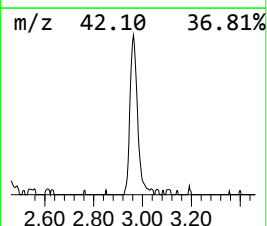
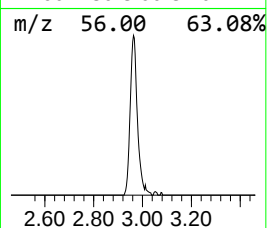
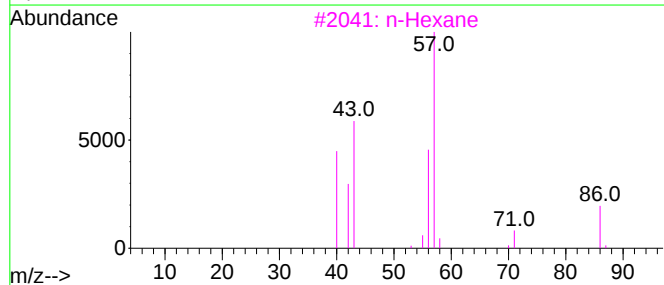
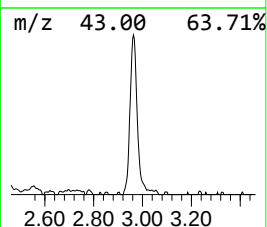
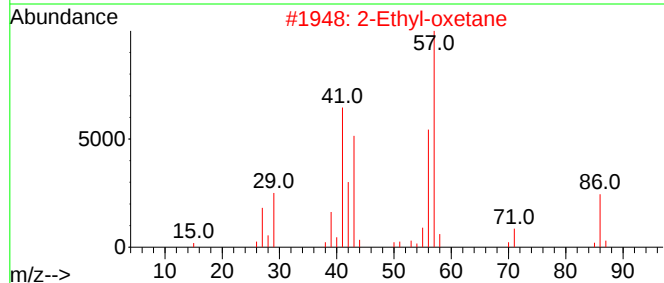
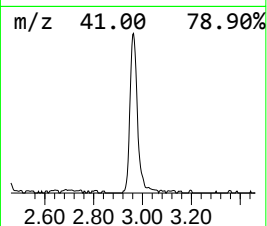
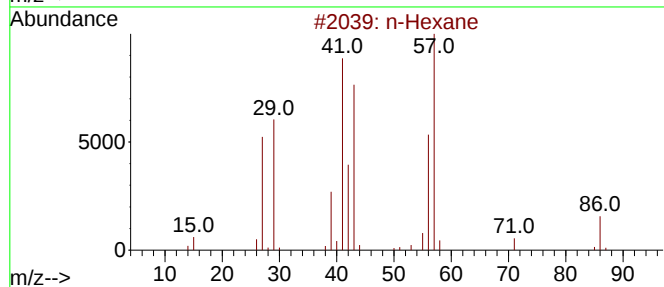
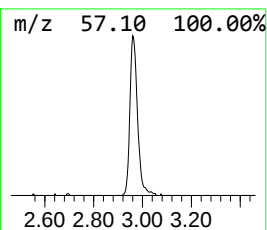
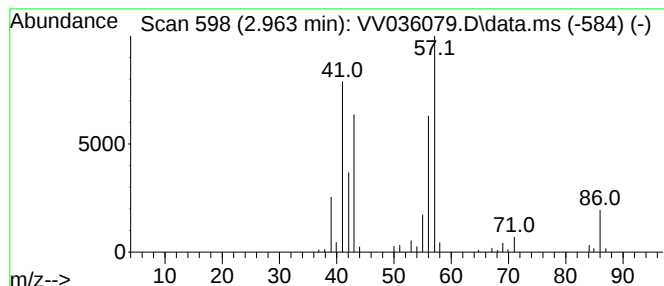
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.74 ug/L	108367	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	91
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	91
3			n-Hexane	86	C6H14	000110-54-3	59
4			n-Hexane	86	C6H14	000110-54-3	53
5			Cyclopropane, propyl-	84	C6H12	002415-72-7	47



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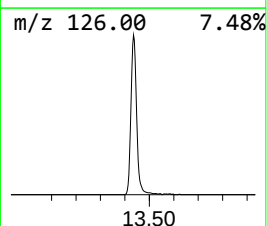
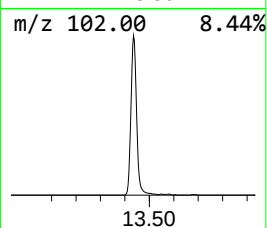
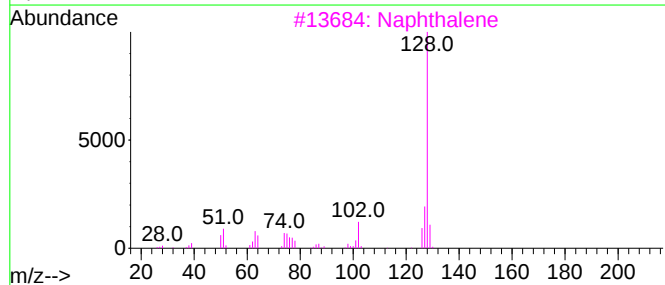
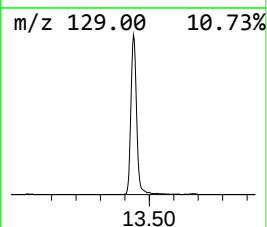
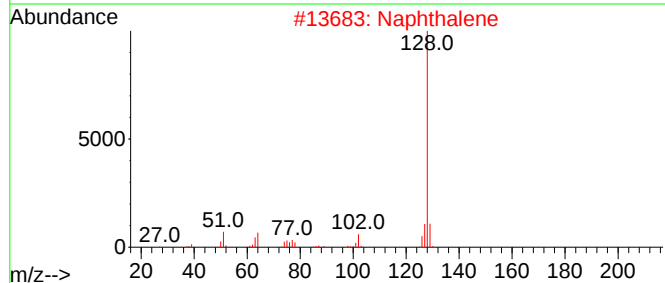
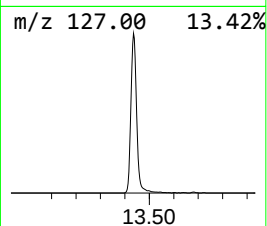
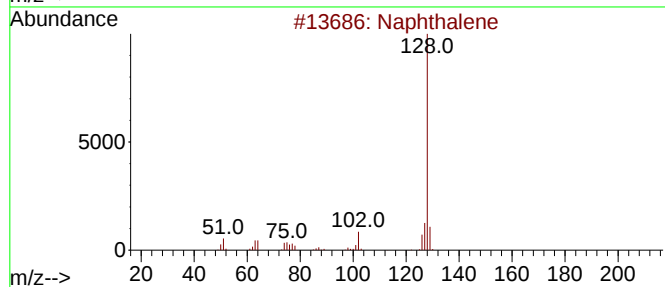
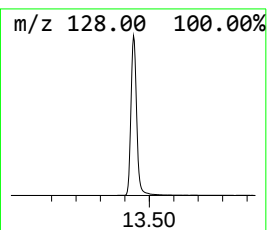
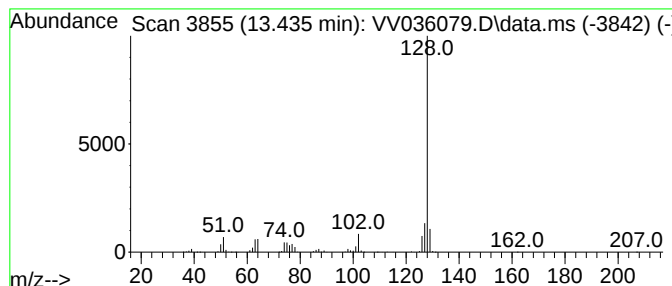
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Quant Title : VOC Analysis

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

Peak Number 4 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.435	20.08 ug/L	1363620	1,4-Dichlorobenzene-d4	11.185

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	2.963	1.7	ug/L	108367	1	5.529	1556210	25.0
Azulene	13.435	20.1	ug/L	1363620	3	11.185	1697540	25.0