

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046054.D
 Acq On : 02 Dec 2021 15:57
 Operator : SY/MD
 Sample : M4870-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKN9

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_U\Method\SFAMULM112921WMA.M
 Title : VOC Analysis

Signal : TIC: VU046054.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	74	81	93	rVB	90470	97753	12.67%	1.264%
2	1.697	103	111	127	rBV	17573	29676	3.85%	0.384%
3	1.916	172	179	192	rVB	69097	87689	11.37%	1.134%
4	2.379	314	323	335	rBV	15005	22113	2.87%	0.286%
5	2.572	367	383	397	rBV	148215	254616	33.01%	3.292%
6	2.797	445	453	461	rBV	799	1306	0.17%	0.017%
7	3.051	522	532	543	rBV2	8011	14775	1.92%	0.191%
8	3.137	556	559	561	rBV	154	128	0.02%	0.002%
9	3.182	567	573	574	rBV2	631	631	0.08%	0.008%
10	3.311	608	613	616	rBB	165	176	0.02%	0.002%
11	3.350	617	625	628	rBB	204	291	0.04%	0.004%
12	3.430	646	650	652	rBV	163	170	0.02%	0.002%
13	3.581	685	697	711	rBV4	3766	9137	1.18%	0.118%
14	3.678	725	727	730	rBV	144	124	0.02%	0.002%
15	3.729	740	743	747	rBB	147	149	0.02%	0.002%
16	3.755	748	751	754	rBV	137	142	0.02%	0.002%
17	3.832	768	775	785	rBV4	1096	2424	0.31%	0.031%
18	3.912	797	800	803	rBB	146	119	0.02%	0.002%
19	4.006	826	829	831	rBV	128	110	0.01%	0.001%
20	4.179	881	883	888	rBB	153	127	0.02%	0.002%
21	4.398	949	951	952	rBV	219	108	0.01%	0.001%
22	4.453	956	968	986	rVB3	4202	10119	1.31%	0.131%
23	4.555	996	1000	1002	rBV2	249	204	0.03%	0.003%
24	4.633	1008	1024	1067	rBV2	81609	257403	33.37%	3.328%
25	4.809	1069	1079	1102	rVB3	8831	22047	2.86%	0.285%
26	4.903	1103	1108	1112	rBB2	398	347	0.04%	0.004%
27	4.941	1117	1120	1121	rBV	217	113	0.01%	0.001%
28	4.989	1132	1135	1138	rBV	128	134	0.02%	0.002%
29	5.067	1143	1159	1182	rBV	136404	300243	38.93%	3.882%
30	5.157	1184	1187	1191	rBV2	226	182	0.02%	0.002%
31	5.215	1201	1205	1209	rVB2	309	336	0.04%	0.004%
32	5.250	1212	1216	1220	rBB2	264	237	0.03%	0.003%
33	5.288	1224	1228	1231	rBV2	272	177	0.02%	0.002%
34	5.340	1242	1244	1247	rBV	144	121	0.02%	0.002%
35	5.588	1319	1321	1325	rBB	137	116	0.02%	0.001%
36	5.729	1343	1365	1392	rBV2	279976	771245	100.00%	9.973%

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 Title : VOC Analysis

37	5.932	1426	1428	1431	rBV	151	122	0.02%	0.002%
38	5.954	1431	1435	1436	rBV2	364	227	0.03%	0.003%
39	6.112	1481	1484	1488	rBV2	357	361	0.05%	0.005%
40	6.153	1488	1497	1508	rVB	1782	3267	0.42%	0.042%
41	6.250	1513	1527	1550	rBV	264231	497216	64.47%	6.429%
42	6.443	1584	1587	1594	rVB	179	196	0.03%	0.003%
43	6.533	1605	1615	1633	rBV3	6487	14050	1.82%	0.182%
44	6.694	1650	1665	1683	rBV	176137	341318	44.26%	4.414%
45	6.803	1697	1699	1705	rVB3	714	648	0.08%	0.008%
46	6.883	1714	1724	1738	rBV2	6144	10728	1.39%	0.139%
47	7.015	1762	1765	1767	rBV	162	138	0.02%	0.002%
48	7.034	1768	1771	1775	rVV2	216	221	0.03%	0.003%
49	7.124	1795	1799	1804	rBV2	426	460	0.06%	0.006%
50	7.179	1809	1816	1817	rBV2	1716	1483	0.19%	0.019%
51	7.266	1840	1843	1846	rBB	151	124	0.02%	0.002%
52	7.337	1861	1865	1868	rBB	153	127	0.02%	0.002%
53	7.372	1873	1876	1879	rBV	165	158	0.02%	0.002%
54	7.427	1889	1893	1895	rBV	176	168	0.02%	0.002%
55	7.568	1924	1937	1954	rVV	97330	170435	22.10%	2.204%
56	7.684	1967	1973	1981	rBV2	1360	2048	0.27%	0.026%
57	7.793	1998	2007	2020	rBV2	7255	11870	1.54%	0.153%
58	7.899	2026	2040	2054	rBV	360327	625827	81.15%	8.093%
59	8.118	2103	2108	2111	rBB	151	173	0.02%	0.002%
60	8.182	2115	2128	2141	rBV	68034	112115	14.54%	1.450%
61	8.259	2150	2152	2157	rVB	190	125	0.02%	0.002%
62	8.288	2158	2161	2166	rVB2	269	245	0.03%	0.003%
63	8.314	2167	2169	2172	rBB	223	111	0.01%	0.001%
64	8.366	2179	2185	2188	rBV	164	223	0.03%	0.003%
65	8.430	2202	2205	2207	rBV	143	122	0.02%	0.002%
66	8.632	2255	2268	2300	rBV	251708	451189	58.50%	5.834%
67	8.787	2307	2316	2328	rVB3	11008	18187	2.36%	0.235%
68	8.915	2352	2356	2357	rBV2	191	135	0.02%	0.002%
69	9.420	2500	2513	2545	rVB	371851	631079	81.83%	8.160%
70	9.571	2548	2560	2580	rBV	104054	168469	21.84%	2.178%
71	9.693	2585	2598	2615	rVV	253829	420736	54.55%	5.441%
72	9.777	2618	2624	2635	rVB3	6742	10397	1.35%	0.134%
73	9.902	2657	2663	2671	rBV3	903	1076	0.14%	0.014%
74	10.102	2713	2725	2745	rBV	114576	185424	24.04%	2.398%
75	10.240	2762	2768	2776	rVB3	500	554	0.07%	0.007%
76	10.343	2792	2800	2811	rVV2	10650	15727	2.04%	0.203%

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77	10.488	2836	2845	2855	rVB2	5514	8121	1.05%	0.105%
78	10.758	2916	2929	2946	rVB	249690	398341	51.65%	5.151%
79	10.867	2960	2963	2966	rBV	353	242	0.03%	0.003%
80	10.909	2966	2976	2989	rVB2	3431	5431	0.70%	0.070%
81	10.999	2995	3004	3023	rVV2	14393	29065	3.77%	0.376%
82	11.089	3024	3032	3048	rVB	10330	16365	2.12%	0.212%
83	11.295	3086	3096	3106	rVB2	9303	13550	1.76%	0.175%
84	11.468	3138	3150	3165	rVB	40885	61968	8.03%	0.801%
85	11.571	3178	3182	3192	rVB4	1103	1463	0.19%	0.019%
86	11.687	3211	3218	3226	rBV5	11281	16800	2.18%	0.217%
87	11.812	3245	3257	3272	rBV	430950	672107	87.15%	8.691%
88	11.896	3275	3283	3292	rVB	15181	21966	2.85%	0.284%
89	12.060	3324	3334	3339	rBV3	6090	10029	1.30%	0.130%
90	12.195	3364	3376	3395	rVB	382049	616628	79.95%	7.974%
91	12.369	3427	3430	3432	rBV	776	480	0.06%	0.006%
92	12.471	3452	3462	3463	rBV2	1793	2091	0.27%	0.027%
93	12.642	3511	3515	3520	rVB4	688	555	0.07%	0.007%
94	12.777	3550	3557	3561	rBV5	2049	2789	0.36%	0.036%
95	12.886	3581	3591	3605	rBV4	11580	18190	2.36%	0.235%
96	12.944	3606	3609	3611	rBV2	335	220	0.03%	0.003%
97	14.086	3954	3964	3980	rVB	128492	198339	25.72%	2.565%
98	15.057	4264	4266	4269	rBV2	373	191	0.02%	0.002%
99	15.224	4309	4318	4330	rVB	24140	37033	4.80%	0.479%
100	15.410	4368	4376	4387	rVB	11811	19352	2.51%	0.250%

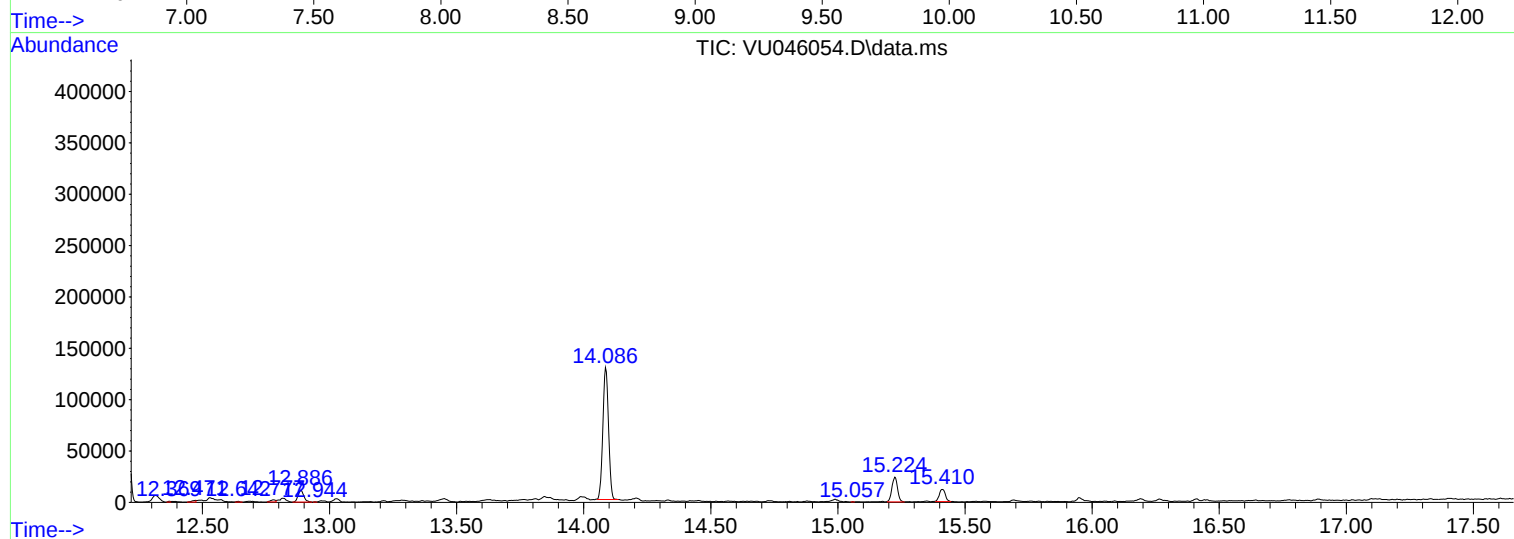
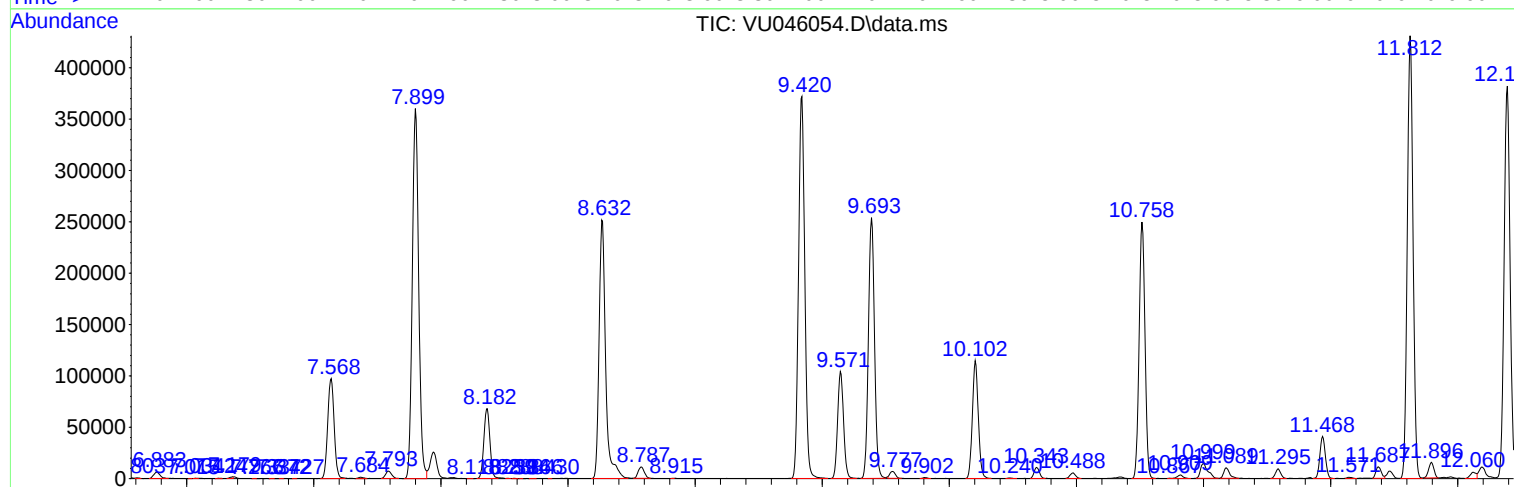
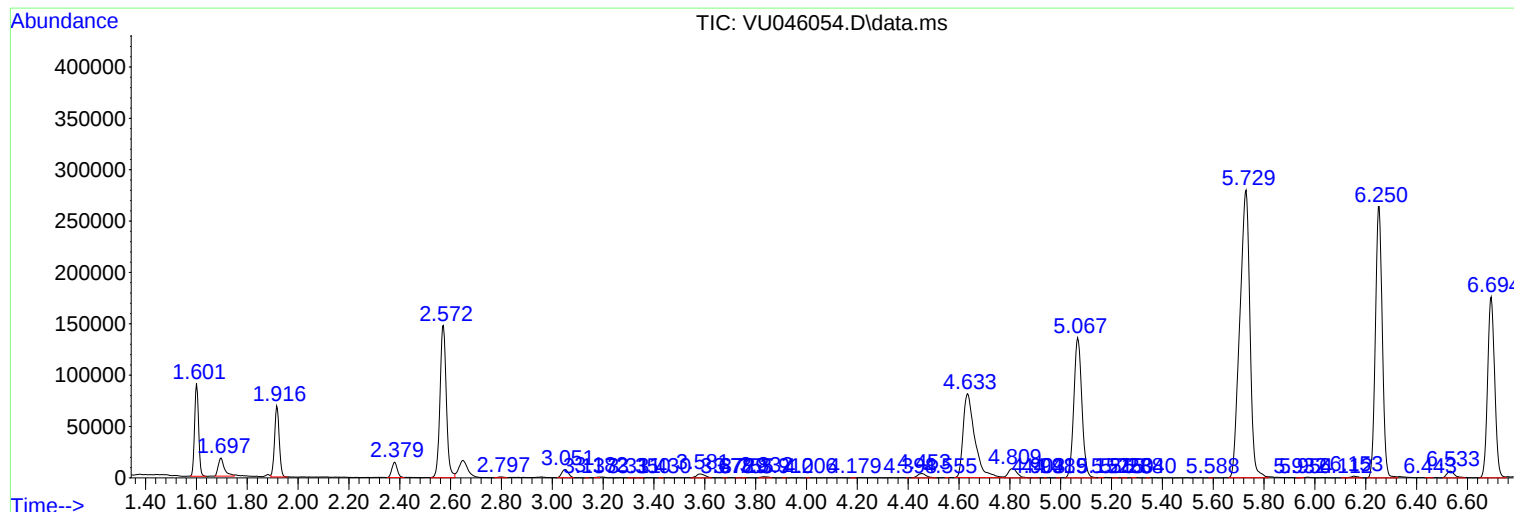
Sum of corrected areas: 7733383

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



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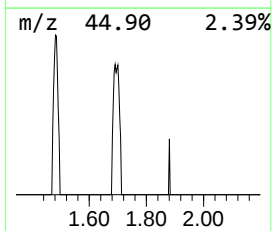
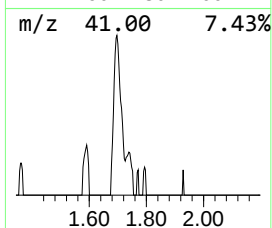
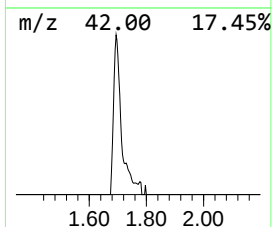
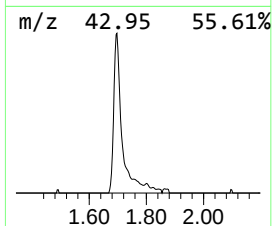
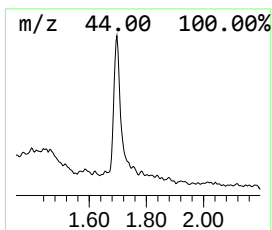
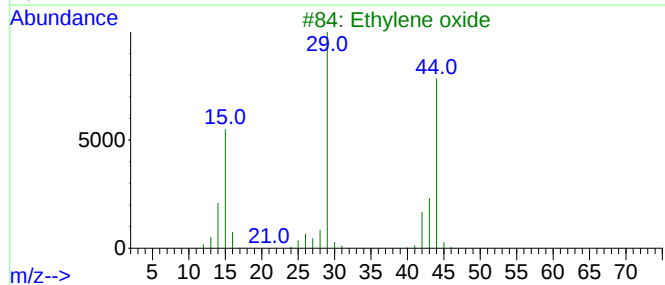
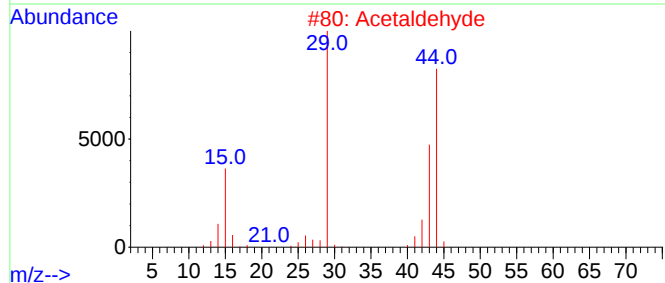
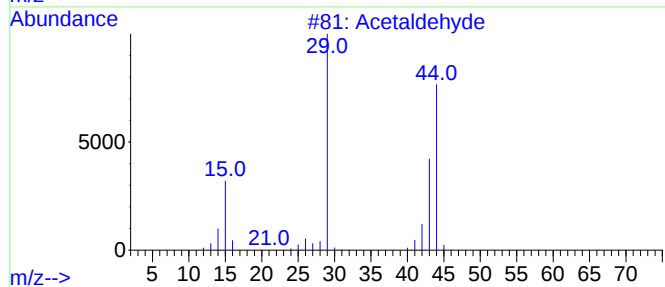
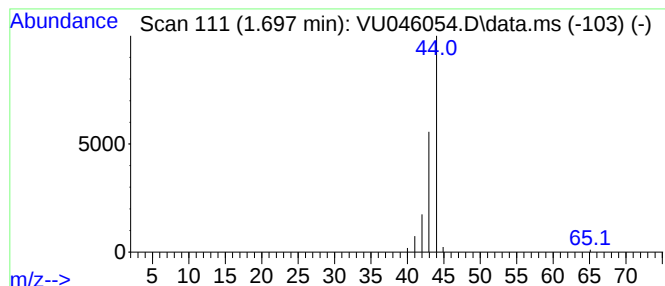
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.697	2.98 ug/L	29676	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	9
2			Acetaldehyde	44	C2H4O	000075-07-0	9
3			Ethylene oxide	44	C2H4O	000075-21-8	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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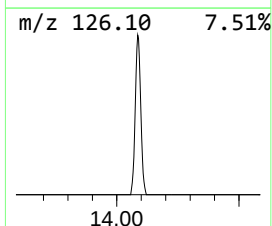
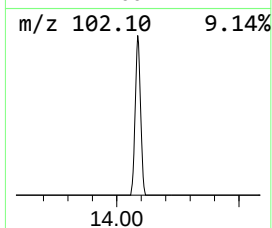
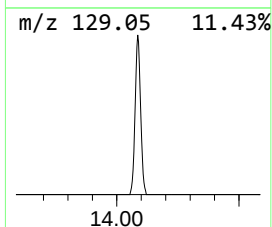
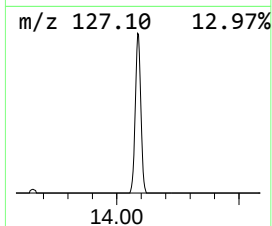
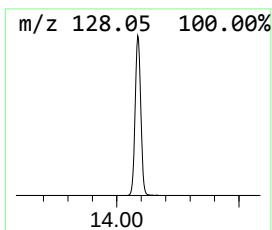
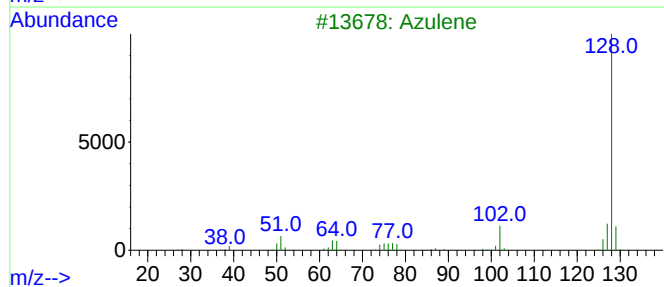
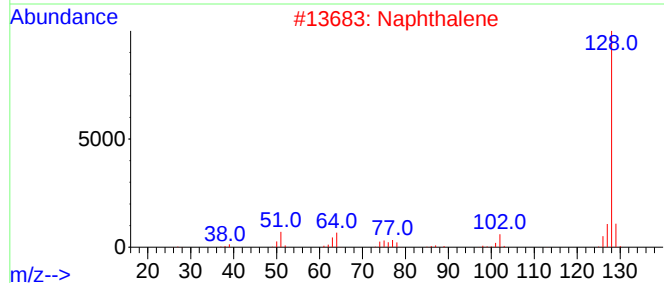
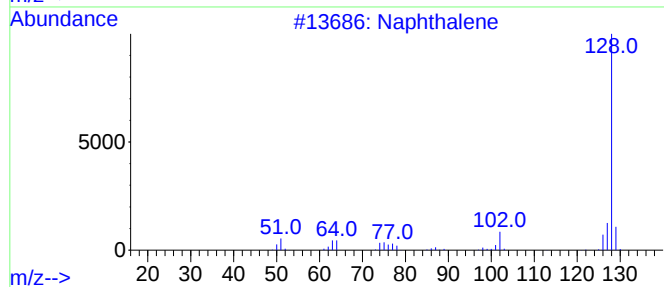
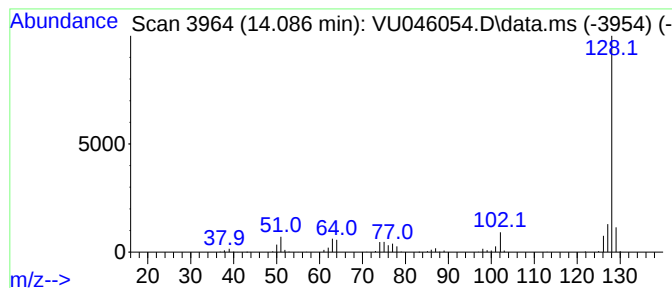
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	14.76 ug/L	198339	1,4-Dichlorobenzene-d4	11.812

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			Azulene	128	C10H8	000275-51-4	94
4			Azulene	128	C10H8	000275-51-4	91
5			Naphthalene	128	C10H8	000091-20-3	91



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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
unknown-01	1.697	3.0	ug/L	29676	1	6.253	497216	50.0
Azulene	14.086	14.8	ug/L	198339	3	11.812	672107	50.0