

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052881.D
 Acq On : 31 Jan 2023 15:42
 Operator : JC/MD
 Sample : 01314-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M0

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\SFAMULM012623WMA.M
 Title : VOC Analysis

Signal : TIC: VU052881.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	73	81	99	rVB	90655	109951	0.16%	0.113%
2	1.909	170	177	194	rVB	86626	117190	0.17%	0.120%
3	2.430	337	339	340	rBV	361	155	0.00%	0.000%
4	2.565	369	381	395	rBV	170528	280840	0.41%	0.288%
5	2.713	424	427	432	rVB2	223	216	0.00%	0.000%
6	2.787	443	450	463	rBV2	1729	3001	0.00%	0.003%
7	3.044	524	530	535	rBV2	849	1228	0.00%	0.001%
8	3.227	585	587	590	rVB	445	243	0.00%	0.000%
9	3.301	606	610	612	rBV	219	202	0.00%	0.000%
10	3.353	618	626	634	rVB3	2137	3196	0.00%	0.003%
11	3.661	718	722	724	rBV	184	177	0.00%	0.000%
12	3.841	776	778	782	rBB2	274	200	0.00%	0.000%
13	3.864	782	785	788	rBV	283	223	0.00%	0.000%
14	4.079	848	852	854	rBV	196	199	0.00%	0.000%
15	4.102	856	859	862	rVB	318	200	0.00%	0.000%
16	4.124	862	866	871	rBV	226	276	0.00%	0.000%
17	4.314	922	925	927	rBV	325	222	0.00%	0.000%
18	4.356	936	938	942	rBV	170	171	0.00%	0.000%
19	4.446	962	966	968	rBV	301	260	0.00%	0.000%
20	4.623	1008	1021	1029	rBV	70952	173824	0.25%	0.178%
21	4.886	1100	1103	1106	rVB	349	264	0.00%	0.000%
22	4.906	1106	1109	1112	rBB2	491	337	0.00%	0.000%
23	4.928	1113	1116	1117	rBV2	268	172	0.00%	0.000%
24	4.999	1134	1138	1140	rBV	282	179	0.00%	0.000%
25	5.057	1140	1156	1181	rVV	175379	387609	0.56%	0.397%
26	5.214	1203	1205	1208	rVB	312	167	0.00%	0.000%
27	5.237	1209	1212	1217	rBV	356	328	0.00%	0.000%
28	5.285	1221	1227	1230	rBV2	545	392	0.00%	0.000%
29	5.301	1230	1232	1235	rVB	423	236	0.00%	0.000%
30	5.362	1242	1251	1252	rBV3	861	884	0.00%	0.001%
31	5.420	1266	1269	1271	rBV	336	217	0.00%	0.000%
32	5.456	1275	1280	1283	rVV	354	344	0.00%	0.000%
33	5.591	1312	1322	1329	rBB5	1612	3021	0.00%	0.003%
34	5.629	1330	1334	1339	rBV	366	359	0.00%	0.000%
35	5.719	1341	1362	1374	rBV2	326179	923189	1.34%	0.945%
36	6.005	1448	1451	1453	rBV2	423	265	0.00%	0.000%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Title : VOC Analysis

37	6.034	1458	1460	1462	rVV	294	208	0.00%	0.000%
38	6.060	1466	1468	1474	rVB	242	258	0.00%	0.000%
39	6.185	1503	1507	1509	rBV	241	193	0.00%	0.000%
40	6.243	1511	1525	1544	rBV	291902	554476	0.81%	0.568%
41	6.356	1557	1560	1562	rBV	308	165	0.00%	0.000%
42	6.427	1578	1582	1583	rBV	294	192	0.00%	0.000%
43	6.449	1588	1589	1593	rVV	261	170	0.00%	0.000%
44	6.539	1601	1617	1635	rBV	173124	319131	0.46%	0.327%
45	6.687	1649	1663	1680	rBV	216579	416989	0.61%	0.427%
46	6.848	1710	1713	1714	rBV	822	379	0.00%	0.000%
47	7.092	1786	1789	1793	rBV2	345	267	0.00%	0.000%
48	7.192	1810	1820	1826	rBV6	1631	2799	0.00%	0.003%
49	7.250	1834	1838	1841	rBV	159	187	0.00%	0.000%
50	7.365	1870	1874	1879	rBV	203	251	0.00%	0.000%
51	7.410	1884	1888	1891	rBV	153	183	0.00%	0.000%
52	7.446	1896	1899	1902	rVV2	241	162	0.00%	0.000%
53	7.488	1908	1912	1914	rBV	321	250	0.00%	0.000%
54	7.562	1923	1935	1954	rBV	108674	190419	0.28%	0.195%
55	7.687	1967	1974	1975	rBV2	921	823	0.00%	0.001%
56	7.893	2025	2038	2054	rBV	391693	673632	0.98%	0.690%
57	8.034	2080	2082	2086	rVB2	401	214	0.00%	0.000%
58	8.176	2114	2126	2142	rBV2	78563	131934	0.19%	0.135%
59	8.423	2200	2203	2207	rVB2	390	339	0.00%	0.000%
60	8.468	2207	2217	2227	rBB3	2832	4843	0.01%	0.005%
61	8.520	2228	2233	2234	rBV	155	161	0.00%	0.000%
62	8.552	2238	2243	2247	rBV3	675	664	0.00%	0.001%
63	8.632	2253	2268	2294	rBV2	217589	418414	0.61%	0.428%
64	8.857	2335	2338	2341	rVB2	653	430	0.00%	0.000%
65	9.018	2386	2388	2391	rVB	299	165	0.00%	0.000%
66	9.443	2497	2520	2546	rBV2	1320481	2842714	4.14%	2.911%
67	9.565	2547	2558	2576	rVB	208936	331292	0.48%	0.339%
68	9.690	2587	2597	2610	rVB2	4832	7967	0.01%	0.008%
69	10.095	2713	2723	2732	rBV3	2567	4318	0.01%	0.004%
70	10.246	2768	2770	2774	rVB2	286	198	0.00%	0.000%
71	10.420	2821	2824	2829	rBV	264	212	0.00%	0.000%
72	10.475	2839	2841	2850	rVB	620	665	0.00%	0.001%
73	10.565	2866	2869	2872	rBV3	761	498	0.00%	0.001%
74	10.751	2914	2927	2943	rBV	314336	499499	0.73%	0.511%
75	10.896	2962	2972	2982	rVB4	4115	7026	0.01%	0.007%
76	10.996	2995	3003	3020	rVB3	9029	18527	0.03%	0.019%

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77	11.089	3022	3032	3039	rBV3	2958	4637	0.01%	0.005%
78	11.288	3084	3094	3104	rBV2	4210	5606	0.01%	0.006%
79	11.404	3126	3130	3135	rVB	228	210	0.00%	0.000%
80	11.465	3139	3149	3159	rBV2	14962	21982	0.03%	0.023%
81	11.639	3198	3203	3208	rBV	525	574	0.00%	0.001%
82	11.742	3222	3235	3245	rBV	267856	418967	0.61%	0.429%
83	12.024	3319	3323	3328	rBV4	2156	2725	0.00%	0.003%
84	12.208	3361	3380	3410	rBV3	2226070	4111631	5.99%	4.210%
85	12.568	3484	3492	3501	rVB3	2530	3141	0.00%	0.003%
86	12.610	3501	3505	3510	rBV3	563	572	0.00%	0.001%
87	12.803	3556	3565	3576	rVB	23371	36078	0.05%	0.037%
88	12.967	3609	3616	3623	rBV5	2536	3658	0.01%	0.004%
89	13.143	3664	3671	3683	rVB6	2174	3962	0.01%	0.004%
90	13.214	3683	3693	3706	rBV	53490	82282	0.12%	0.084%
91	13.288	3712	3716	3721	rBV3	880	946	0.00%	0.001%
92	13.327	3722	3728	3735	rVB5	2148	3066	0.00%	0.003%
93	13.446	3758	3765	3766	rBV2	3765	3128	0.00%	0.003%
94	13.574	3797	3805	3813	rVB6	3213	4790	0.01%	0.005%
95	13.735	3852	3855	3859	rBV	405	369	0.00%	0.000%
96	13.848	3872	3890	3914	rBV	40718651	68642548	100.00%	70.286%
97	14.082	3952	3963	3980	rVB	331242	517266	0.75%	0.530%
98	14.327	4025	4039	4063	rBV	9763089	15265242	22.24%	15.631%
99	15.220	4310	4317	4330	rVB2	12227	18531	0.03%	0.019%
100	16.085	4578	4586	4600	rVB2	43247	68014	0.10%	0.070%

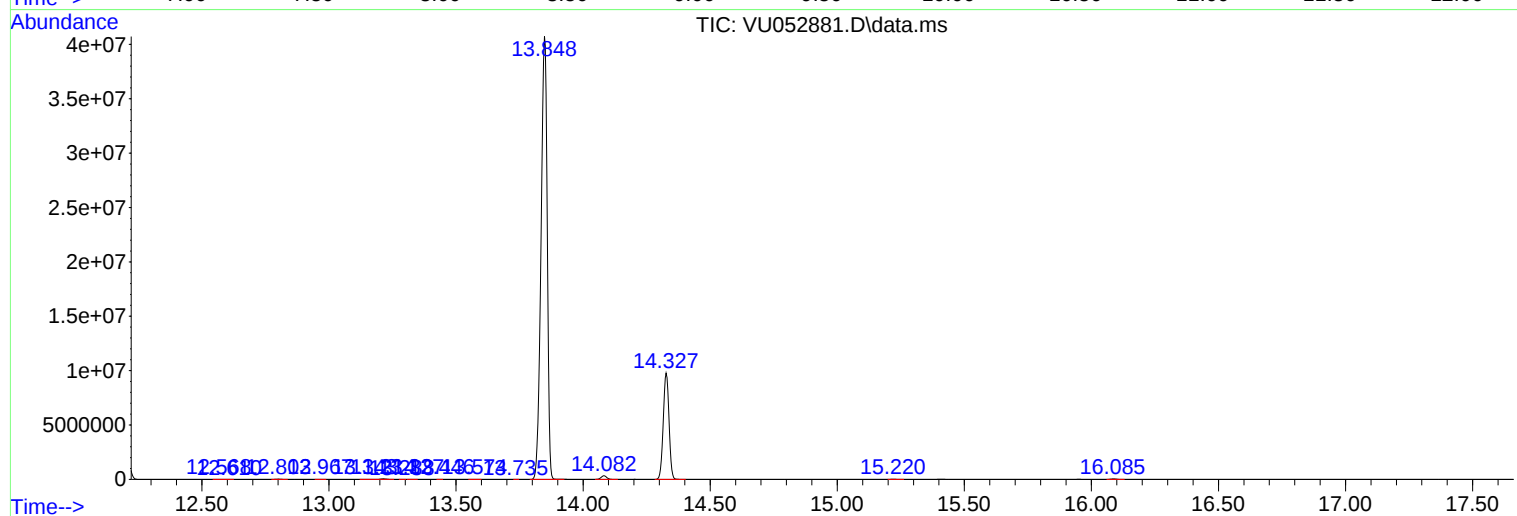
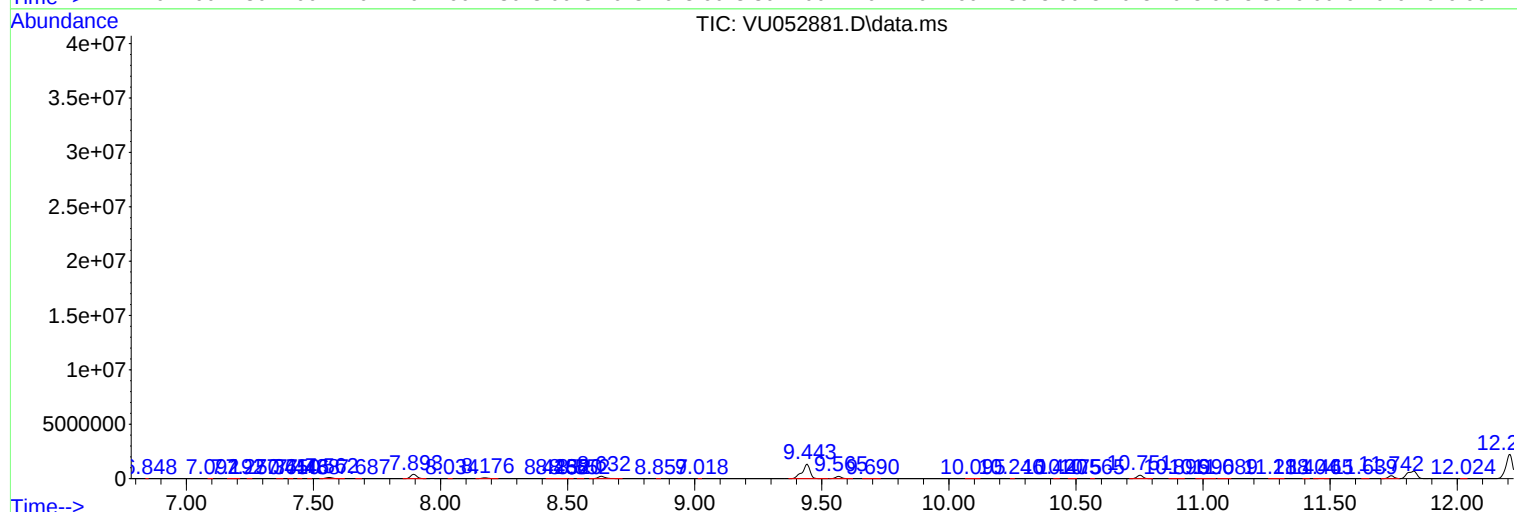
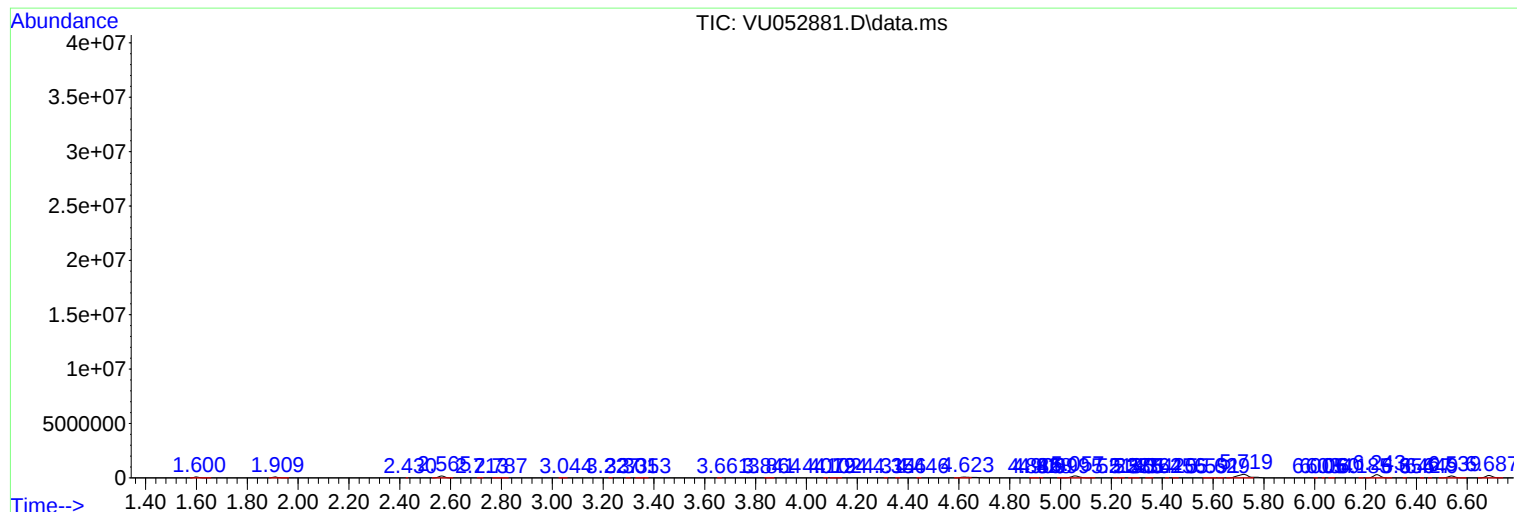
Sum of corrected areas: 97661076

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A44M0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis

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



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ClientSampleId :
A44M0

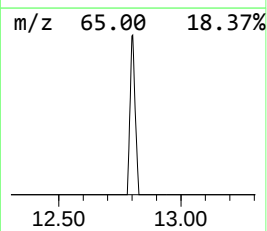
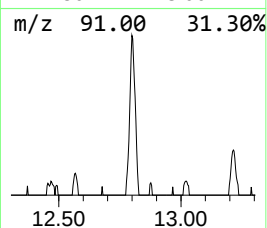
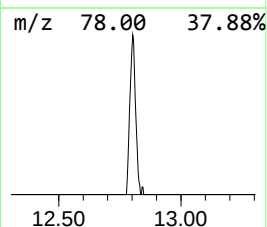
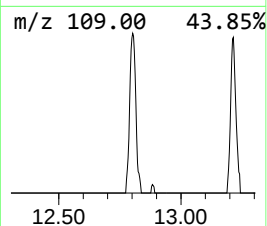
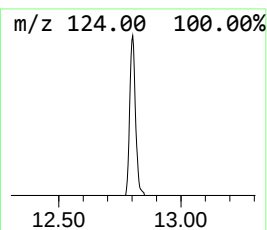
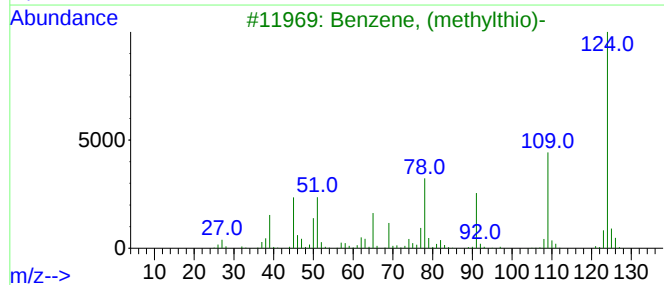
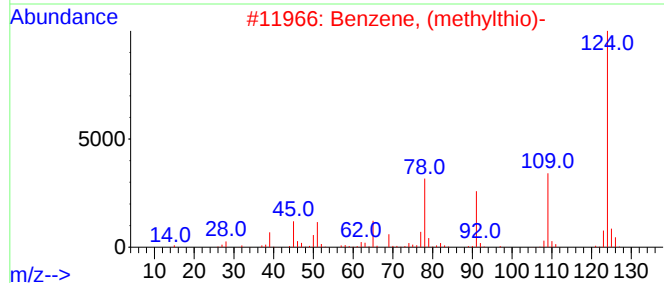
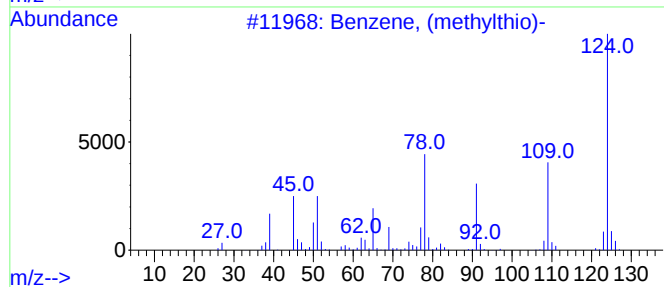
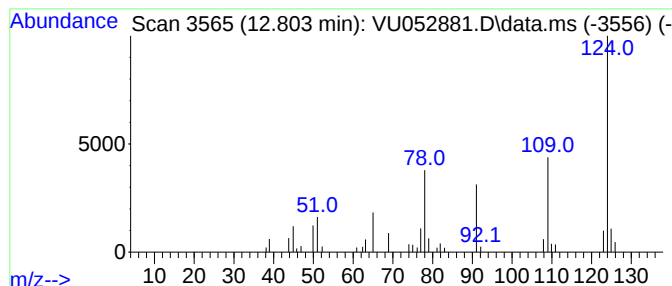
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, (methylthio)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.803	4.31 ug/L	36078	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (methylthio)-	124	C7H8S	000100-68-5	94
2			Benzene, (methylthio)-	124	C7H8S	000100-68-5	93
3			Benzene, (methylthio)-	124	C7H8S	000100-68-5	91
4			Benzene, (methylthio)-	124	C7H8S	000100-68-5	91
5			5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	53



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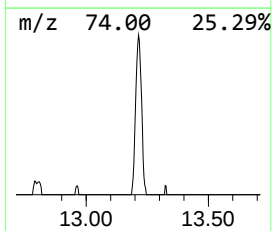
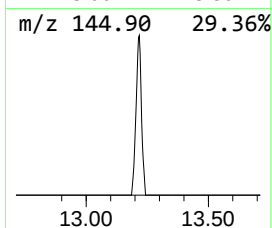
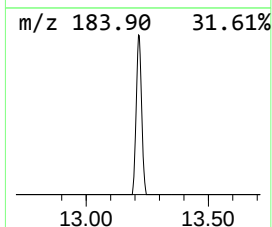
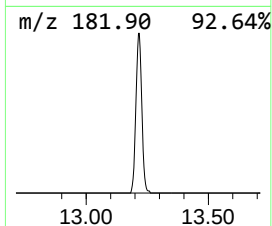
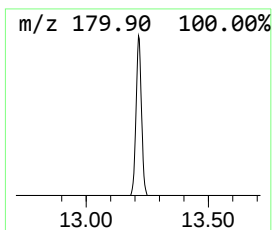
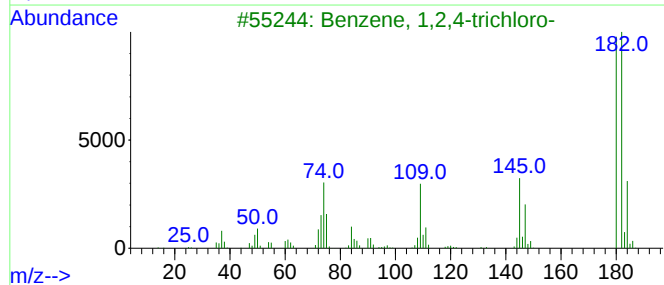
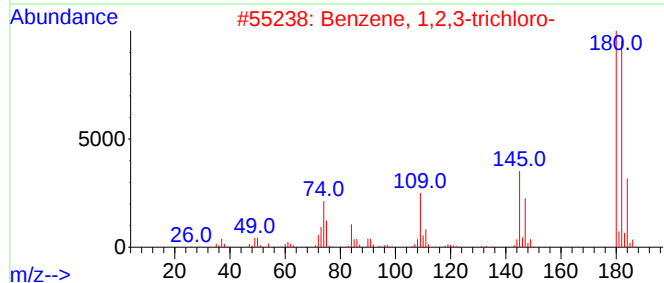
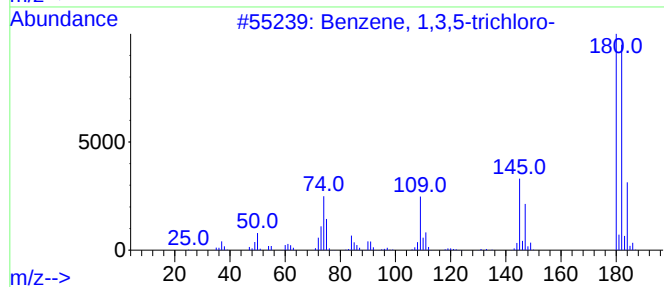
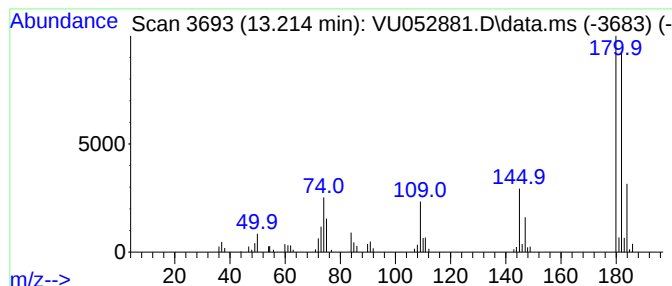
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1,3,5-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.214	9.82 ug/L	82282	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2			Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3			Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
4			Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5			Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96



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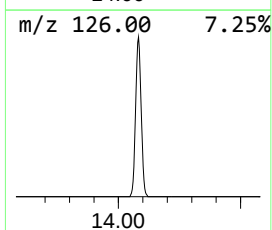
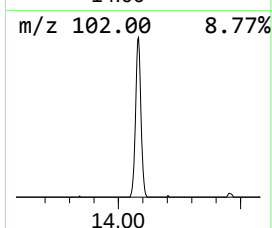
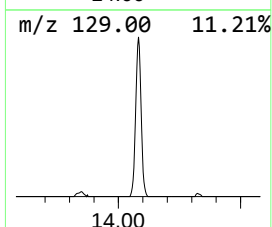
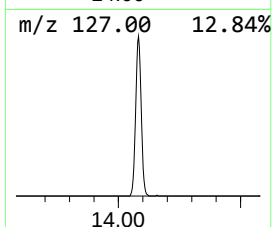
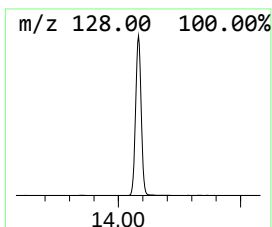
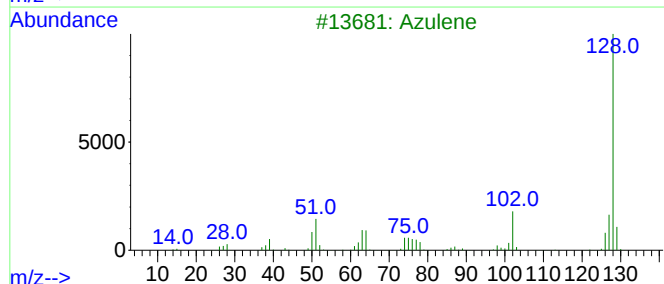
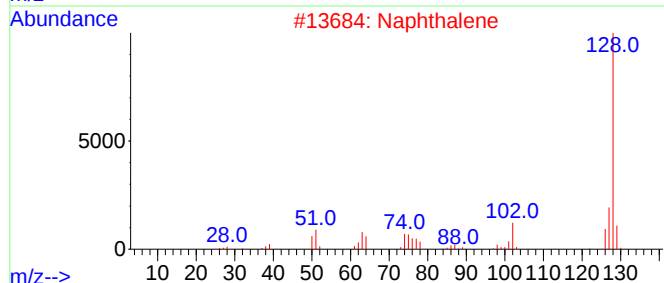
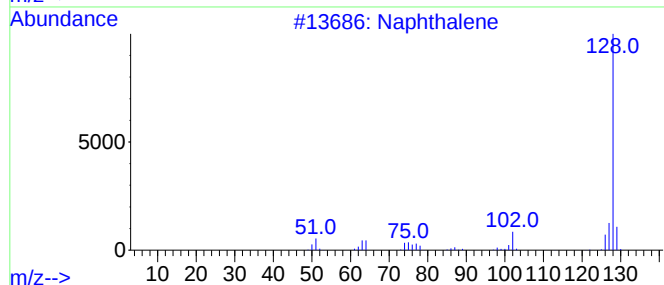
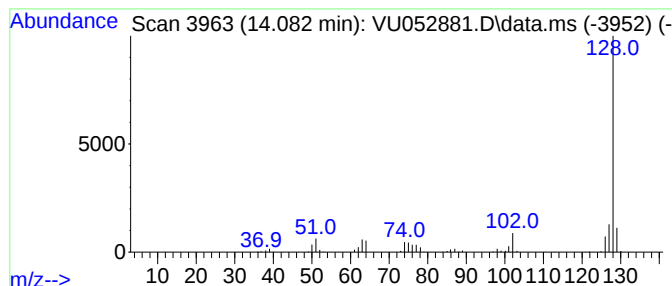
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis

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.
14.082	61.73 ug/L	517266	1,4-Dichlorobenzene-d4	11.809

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			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
Data File : VU052881.D
Acq On : 31 Jan 2023 15:42
Operator : JC/MD
Sample : 01314-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44M0

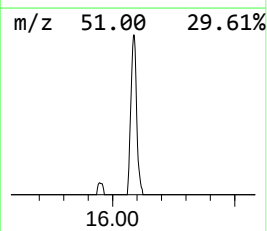
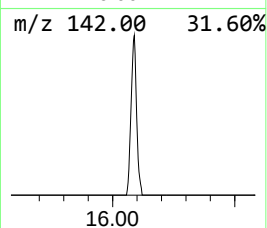
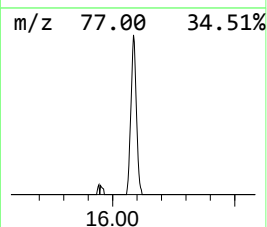
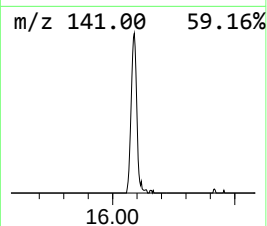
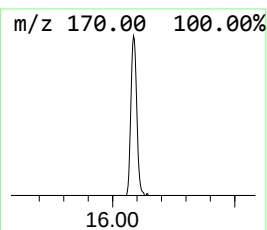
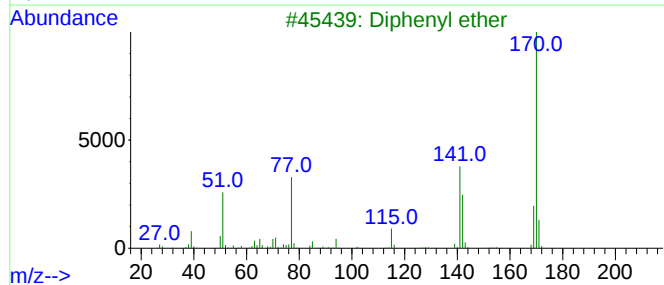
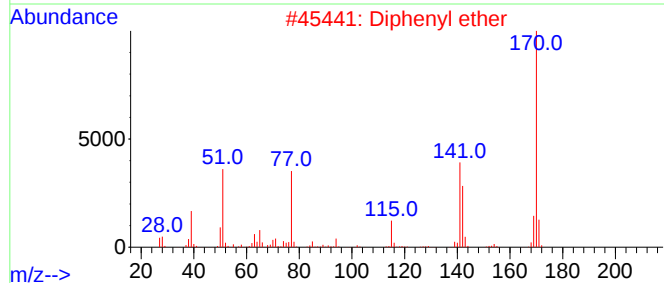
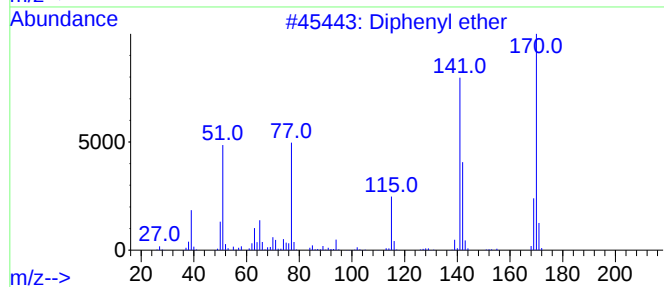
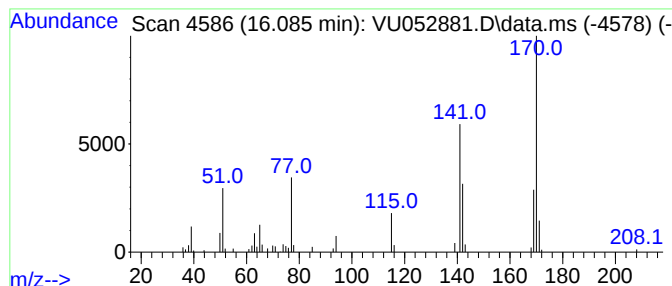
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Quant Title : VOC Analysis

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

Peak Number 5 Diphenyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.085	8.12 ug/L	68014	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenyl ether	170	C12H10O	000101-84-8	95
2			Diphenyl ether	170	C12H10O	000101-84-8	90
3			Diphenyl ether	170	C12H10O	000101-84-8	87
4			Diphenyl ether	170	C12H10O	000101-84-8	87
5			Diphenyl ether	170	C12H10O	000101-84-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
Data File : VU052881.D
Acq On : 31 Jan 2023 15:42
Operator : JC/MD
Sample : 01314-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44M0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.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
Benzene, (methy...	12.803	4.3	ug/L	36078	3	11.809	418967	50.0
Benzene, 1,3,5-...	13.214	9.8	ug/L	82282	3	11.809	418967	50.0
Azulene	14.082	61.7	ug/L	517266	3	11.809	418967	50.0
Diphenyl ether	16.085	8.1	ug/L	68014	3	11.809	418967	50.0