

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053277.D
 Acq On : 17 Mar 2023 19:11
 Operator : JC/MD
 Sample : 01930-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG0

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\SFAMULM031523WMA.M
 Title : VOC Analysis

Signal : TIC: VU053277.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.469	32	40	53	rBV	10952	22210	3.93%	0.474%
2	1.597	73	80	97	rVB	84757	96585	17.09%	2.060%
3	1.909	169	177	198	rVB	64176	88585	15.68%	1.889%
4	2.562	369	380	393	rBV	121407	196320	34.75%	4.187%
5	2.748	432	438	451	rVB4	1637	2794	0.49%	0.060%
6	3.231	585	588	590	rBV	169	91	0.02%	0.002%
7	3.343	620	623	624	rBV	239	134	0.02%	0.003%
8	3.559	688	690	693	rBV	198	147	0.03%	0.003%
9	3.697	731	733	738	rVB	255	141	0.02%	0.003%
10	3.739	743	746	748	rBV	155	110	0.02%	0.002%
11	3.803	764	766	771	rVB	228	128	0.02%	0.003%
12	3.948	808	811	813	rBV2	239	139	0.02%	0.003%
13	4.051	842	843	848	rVB2	317	220	0.04%	0.005%
14	4.083	848	853	856	rBV	211	277	0.05%	0.006%
15	4.150	872	874	879	rBV	151	94	0.02%	0.002%
16	4.208	885	892	894	rBV	268	372	0.07%	0.008%
17	4.269	908	911	914	rVB2	232	163	0.03%	0.003%
18	4.353	934	937	941	rVB2	276	177	0.03%	0.004%
19	4.613	1006	1018	1045	rBV	47190	115018	20.36%	2.453%
20	4.845	1088	1090	1092	rBV	231	97	0.02%	0.002%
21	4.883	1101	1102	1105	rVB	216	85	0.02%	0.002%
22	4.993	1134	1136	1138	rBV	278	185	0.03%	0.004%
23	5.057	1141	1156	1174	rVV2	113837	243613	43.12%	5.196%
24	5.298	1228	1231	1234	rVB2	283	150	0.03%	0.003%
25	5.481	1281	1288	1291	rBV	347	396	0.07%	0.008%
26	5.565	1311	1314	1322	rVB	220	175	0.03%	0.004%
27	5.719	1338	1362	1367	rBV2	224325	565029	100.00%	12.052%
28	6.243	1510	1525	1546	rBV	173299	330570	58.50%	7.051%
29	6.407	1574	1576	1579	rVB	286	161	0.03%	0.003%
30	6.427	1580	1582	1584	rBV	174	118	0.02%	0.003%
31	6.472	1594	1596	1597	rBV	132	56	0.01%	0.001%
32	6.526	1609	1613	1615	rBV2	356	204	0.04%	0.004%
33	6.684	1649	1662	1683	rBV	142967	279130	49.40%	5.954%
34	6.803	1697	1699	1701	rBV	241	116	0.02%	0.002%
35	6.861	1715	1717	1719	rBV	160	72	0.01%	0.002%
36	6.938	1737	1741	1744	rBV	180	145	0.03%	0.003%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Title : VOC Analysis

37	7.009	1761	1763	1766	rVB	221	80	0.01%	0.002%
38	7.137	1801	1803	1806	rVB	253	125	0.02%	0.003%
39	7.163	1807	1811	1812	rBV	196	161	0.03%	0.003%
40	7.176	1812	1815	1817	rBV2	793	591	0.10%	0.013%
41	7.452	1898	1901	1904	rBV	162	166	0.03%	0.004%
42	7.562	1923	1935	1955	rBV	79937	139476	24.68%	2.975%
43	7.684	1967	1973	1979	rBV4	957	1230	0.22%	0.026%
44	7.893	2025	2038	2061	rBV	278620	478871	84.75%	10.214%
45	8.047	2082	2086	2087	rBV2	173	128	0.02%	0.003%
46	8.083	2095	2097	2099	rBV	160	80	0.01%	0.002%
47	8.134	2112	2113	2114	rBV	230	80	0.01%	0.002%
48	8.173	2114	2125	2142	rVV	55633	93585	16.56%	1.996%
49	8.263	2149	2153	2155	rBV	94	78	0.01%	0.002%
50	8.401	2193	2196	2197	rBV2	171	98	0.02%	0.002%
51	8.452	2209	2212	2213	rBV	175	103	0.02%	0.002%
52	8.484	2220	2222	2225	rVB2	141	101	0.02%	0.002%
53	8.626	2255	2266	2289	rBV2	147920	270055	47.79%	5.760%
54	8.784	2313	2315	2319	rBV	170	91	0.02%	0.002%
55	8.899	2348	2351	2355	rBV2	245	205	0.04%	0.004%
56	9.185	2434	2440	2447	rBV2	367	497	0.09%	0.011%
57	9.263	2461	2464	2469	rBV2	275	220	0.04%	0.005%
58	9.292	2470	2473	2475	rVB2	163	100	0.02%	0.002%
59	9.414	2498	2511	2527	rBV	241443	396084	70.10%	8.448%
60	9.568	2548	2559	2570	rBV	33085	51763	9.16%	1.104%
61	9.693	2590	2598	2613	rVB	11113	16705	2.96%	0.356%
62	9.857	2646	2649	2652	rBV2	454	383	0.07%	0.008%
63	9.919	2664	2668	2670	rBV2	198	125	0.02%	0.003%
64	10.018	2696	2699	2704	rVB	227	145	0.03%	0.003%
65	10.102	2717	2725	2733	rVB3	1925	2719	0.48%	0.058%
66	10.285	2780	2782	2784	rBV	186	99	0.02%	0.002%
67	10.481	2834	2843	2853	rVB3	2464	3526	0.62%	0.075%
68	10.674	2899	2903	2906	rBV2	308	190	0.03%	0.004%
69	10.751	2915	2927	2945	rBV	183903	297747	52.70%	6.351%
70	11.182	3059	3061	3065	rBV	178	98	0.02%	0.002%
71	11.218	3070	3072	3073	rBV	191	58	0.01%	0.001%
72	11.230	3073	3076	3077	rBV	240	125	0.02%	0.003%
73	11.291	3086	3095	3101	rBV2	1811	2373	0.42%	0.051%
74	11.388	3123	3125	3128	rVB	342	195	0.03%	0.004%
75	11.420	3129	3135	3137	rBV	208	262	0.05%	0.006%
76	11.465	3142	3149	3157	rVV3	1440	2183	0.39%	0.047%

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77	11.681	3213	3216	3219	rVB	186	88	0.02%	0.002%
78	11.806	3244	3255	3272	rBV	239365	378328	66.96%	8.069%
79	11.893	3276	3282	3291	rVB3	2089	2892	0.51%	0.062%
80	12.089	3332	3343	3357	rBV	39812	61809	10.94%	1.318%
81	12.189	3361	3374	3391	rVV	254629	411696	72.86%	8.781%
82	12.262	3395	3397	3402	rVB3	296	227	0.04%	0.005%
83	12.311	3402	3412	3423	rBV	5498	8879	1.57%	0.189%
84	12.674	3523	3525	3526	rBV	245	103	0.02%	0.002%
85	12.806	3564	3566	3569	rBV	244	187	0.03%	0.004%
86	12.922	3592	3602	3617	rVB2	36072	54775	9.69%	1.168%
87	13.021	3624	3633	3643	rBV5	10044	21795	3.86%	0.465%
88	13.381	3743	3745	3750	rBB	180	120	0.02%	0.003%
89	13.407	3750	3753	3756	rBV2	222	148	0.03%	0.003%
90	13.520	3779	3788	3795	rBV4	1565	2406	0.43%	0.051%
91	13.629	3813	3822	3831	rBV3	2688	4099	0.73%	0.087%
92	14.086	3950	3964	3978	rBV2	13682	24050	4.26%	0.513%
93	14.169	3988	3990	3992	rBV	155	58	0.01%	0.001%
94	14.205	3993	4001	4009	rBV2	7045	10379	1.84%	0.221%
95	14.285	4024	4026	4030	rBV2	210	165	0.03%	0.004%
96	14.677	4145	4148	4151	rBV2	293	175	0.03%	0.004%
97	14.822	4192	4193	4197	rVB	159	75	0.01%	0.002%
98	15.426	4375	4381	4383	rBV3	436	447	0.08%	0.010%
99	15.484	4396	4399	4404	rBV2	276	347	0.06%	0.007%
100	15.880	4520	4522	4526	rBV2	329	254	0.04%	0.005%

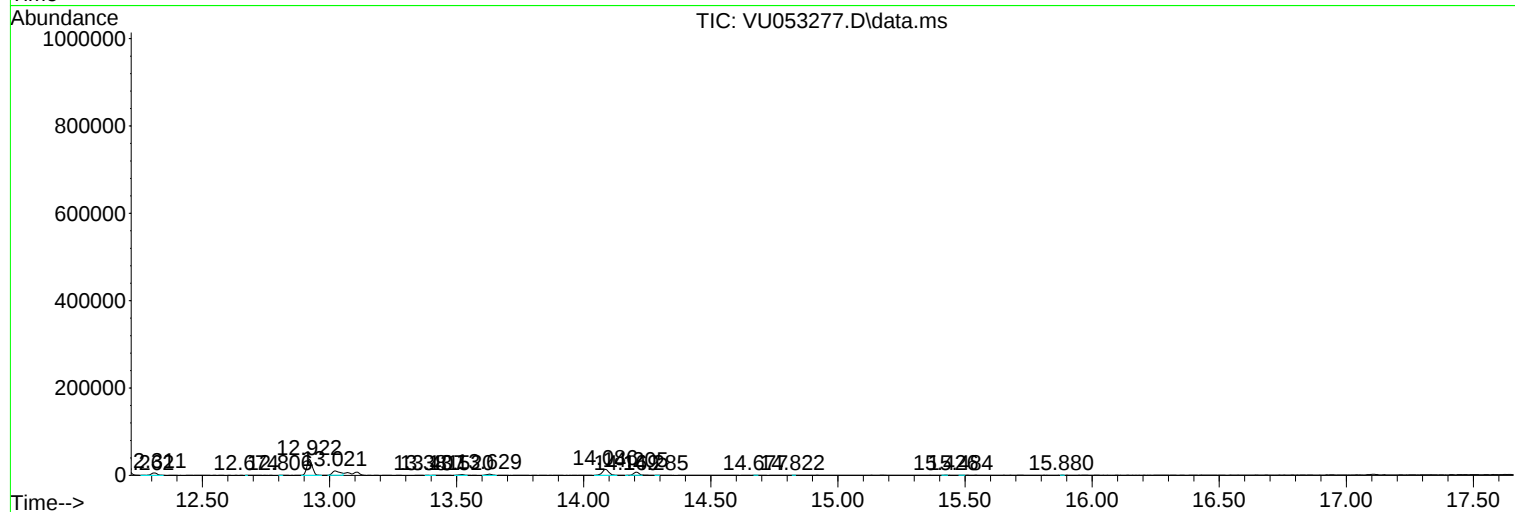
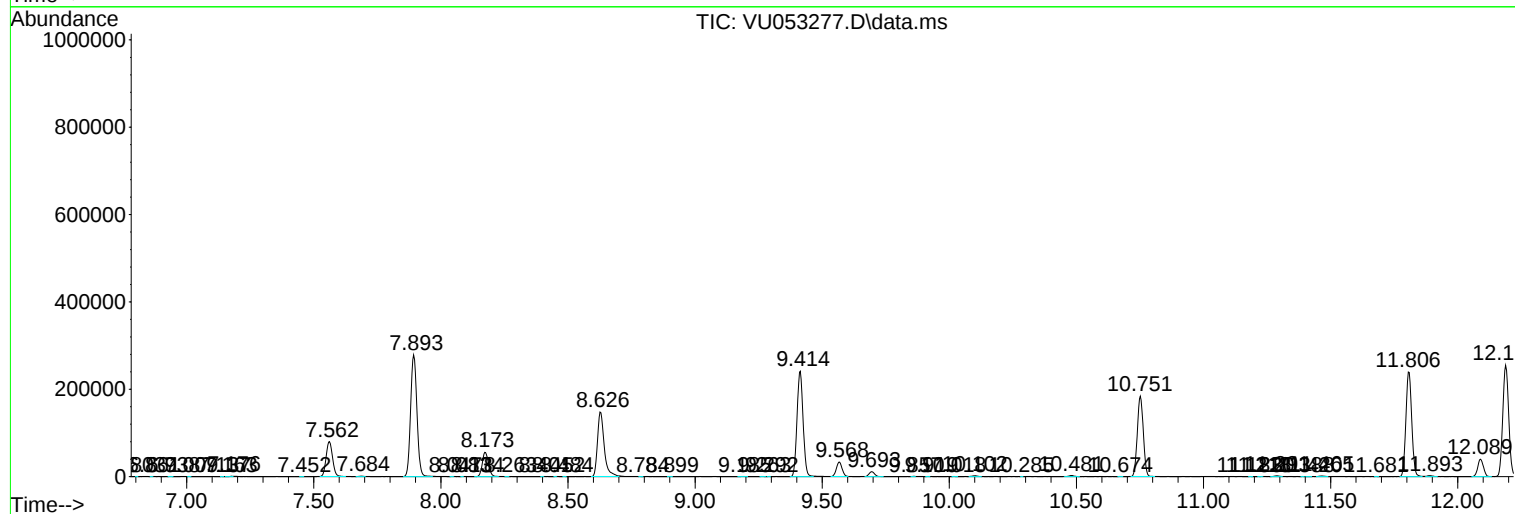
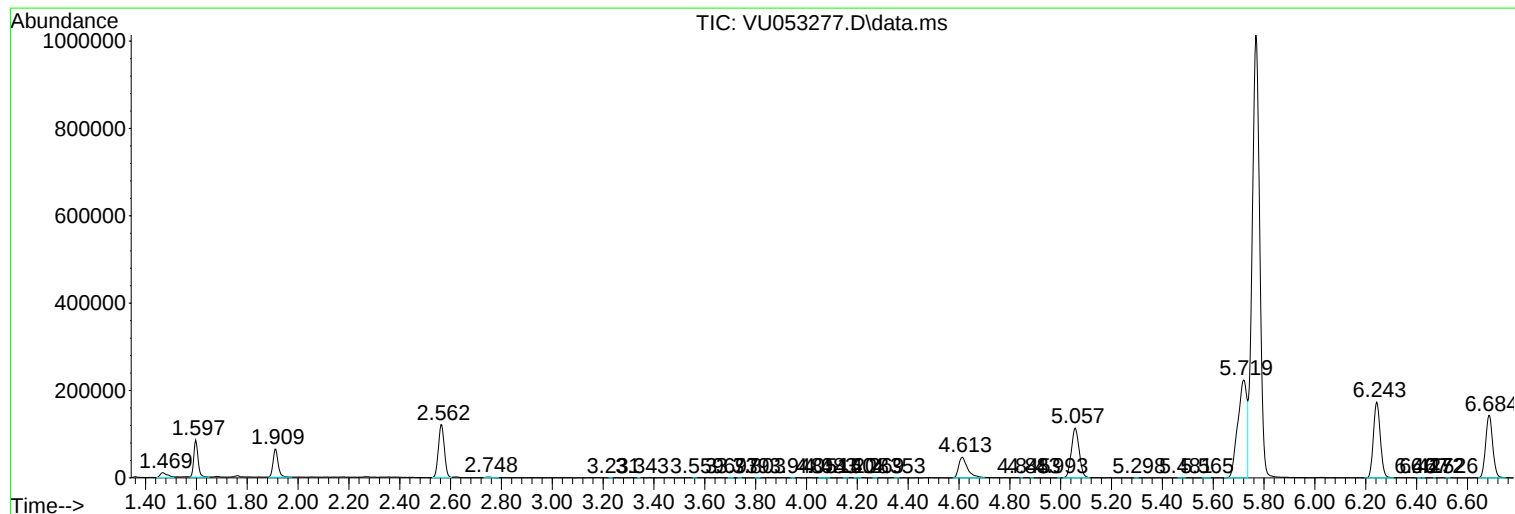
Sum of corrected areas: 4688410

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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



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Instrument :
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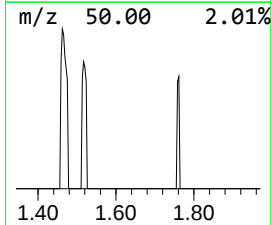
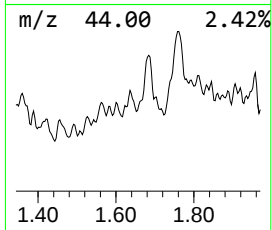
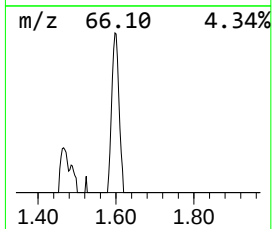
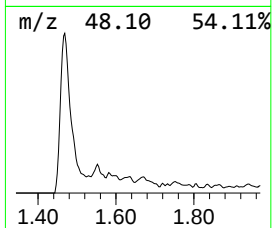
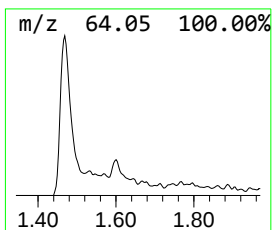
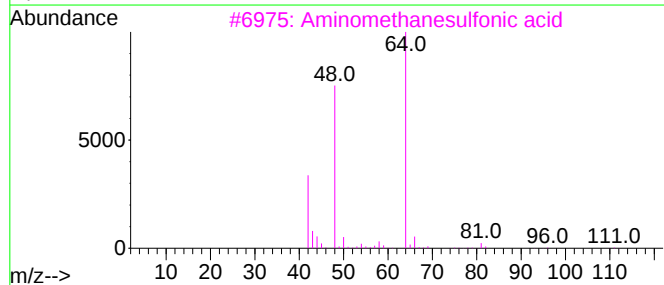
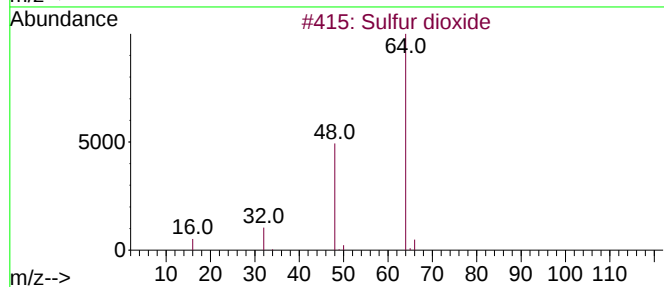
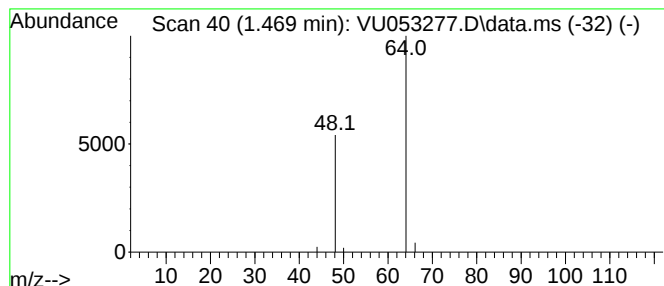
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.469	3.36 ug/L	22210	1,4-Difluorobenzene	6.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	74
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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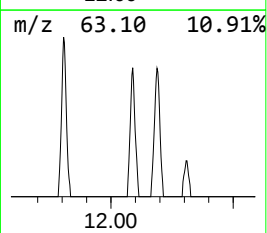
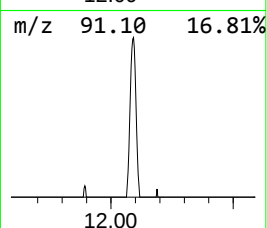
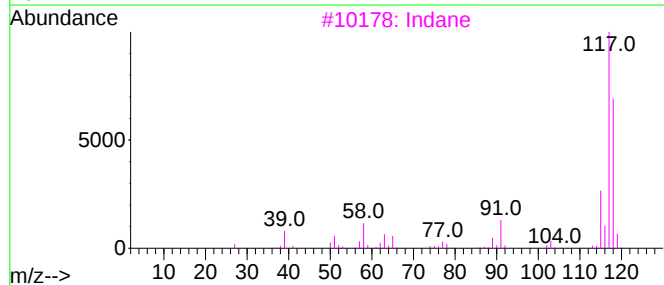
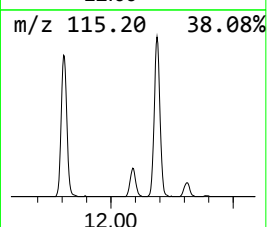
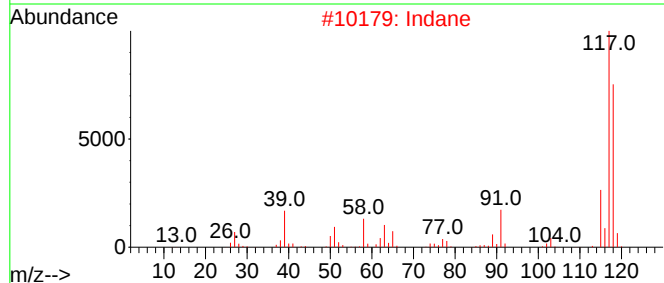
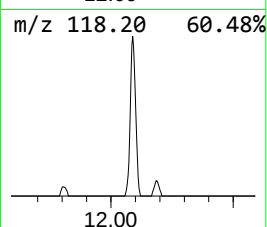
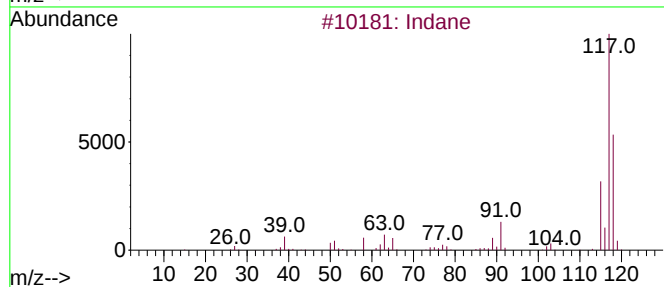
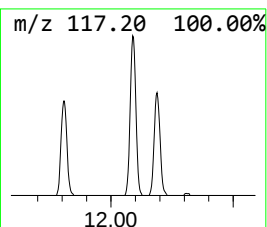
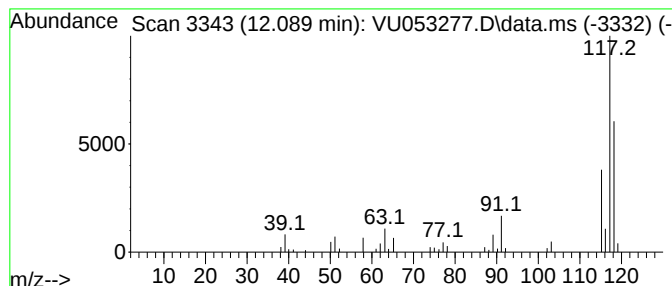
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.089	8.17 ug/L	61809	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	95
2	Indane			118	C9H10	000496-11-7	89
3	Indane			118	C9H10	000496-11-7	70
4	Benzene, (2-bromocyclopropyl)-			196	C9H9Br	036617-02-4	64
5	Indane			118	C9H10	000496-11-7	55



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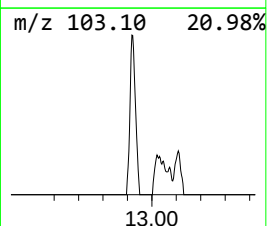
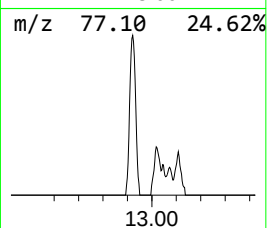
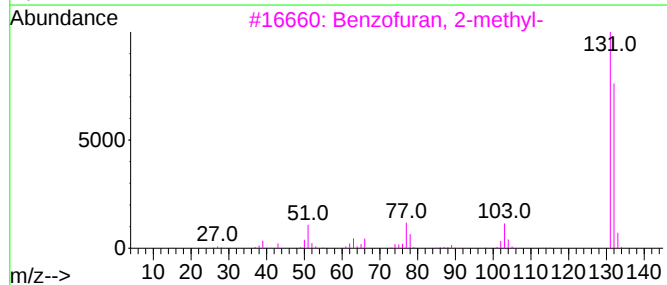
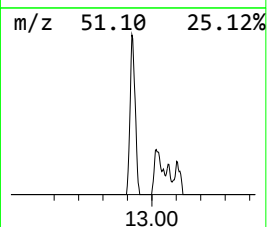
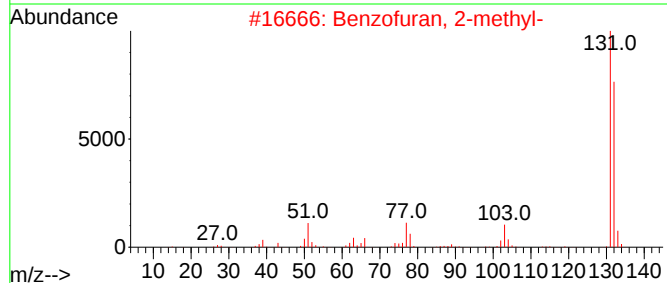
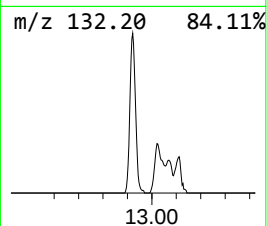
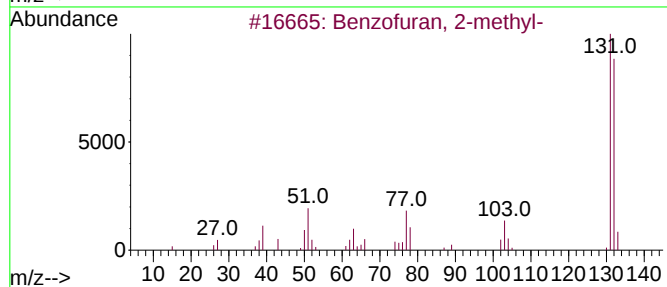
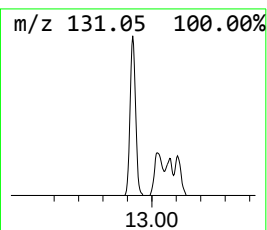
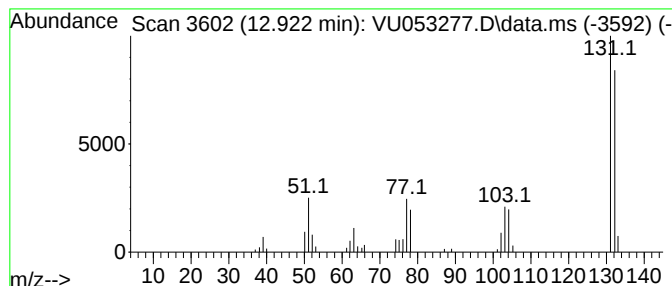
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.922	7.24 ug/L	54775	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053277.D
Acq On : 17 Mar 2023 19:11
Operator : JC/MD
Sample : 01930-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG0

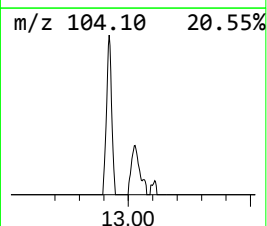
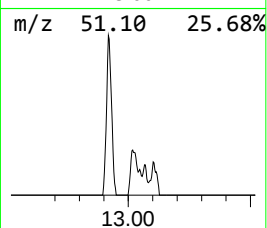
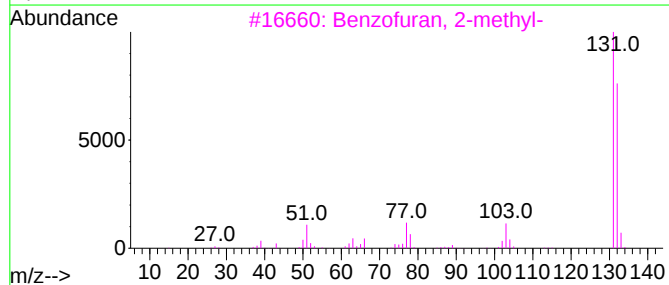
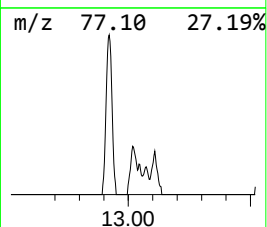
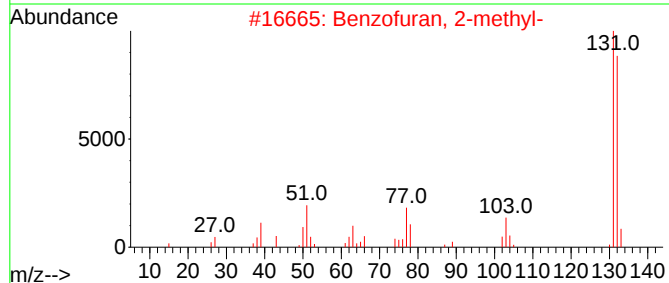
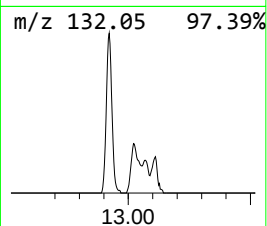
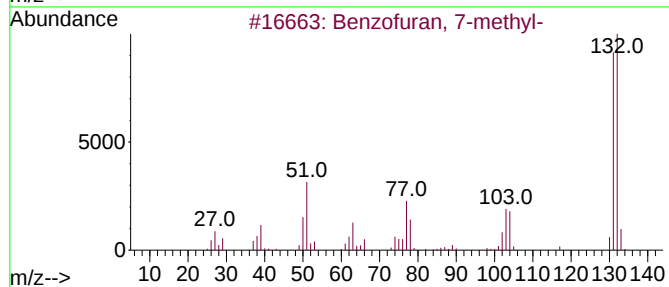
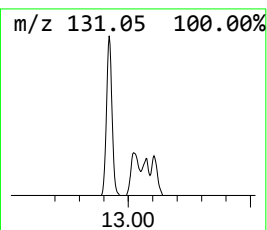
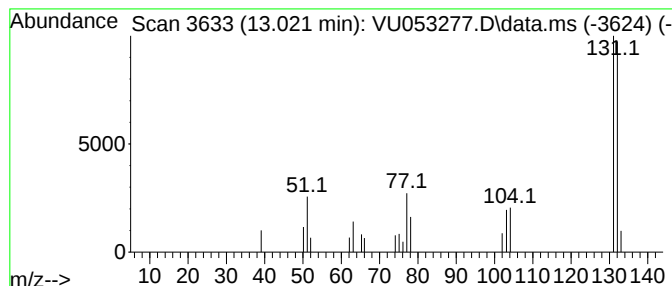
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Quant Title : VOC Analysis

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

Peak Number 5 Benzfuran, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	2.88 ug/L	21795	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053277.D
Acq On : 17 Mar 2023 19:11
Operator : JC/MD
Sample : 01930-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG0

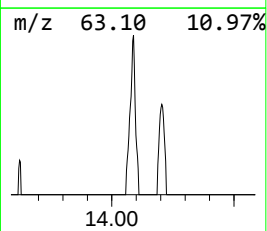
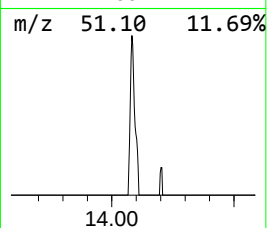
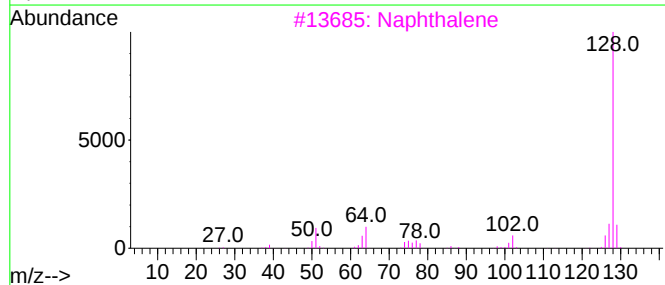
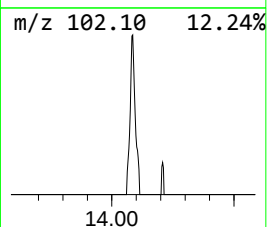
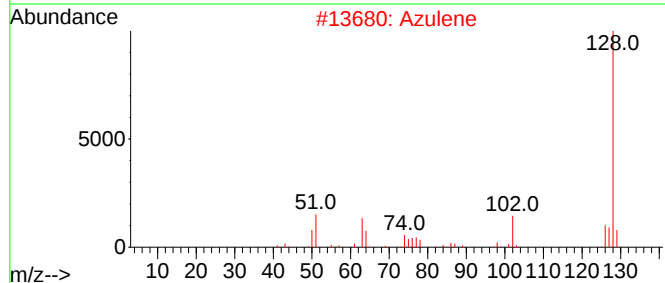
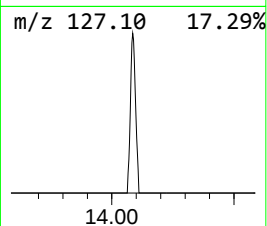
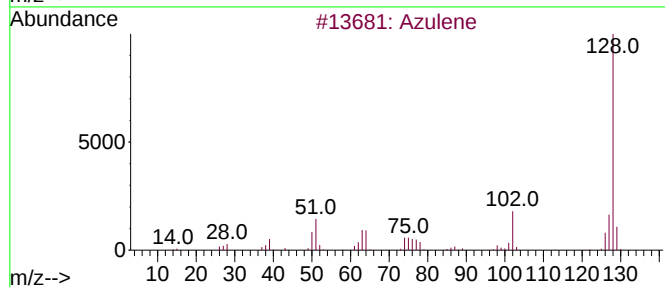
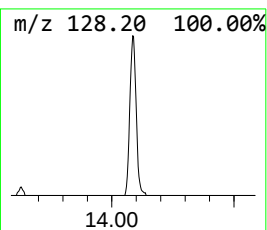
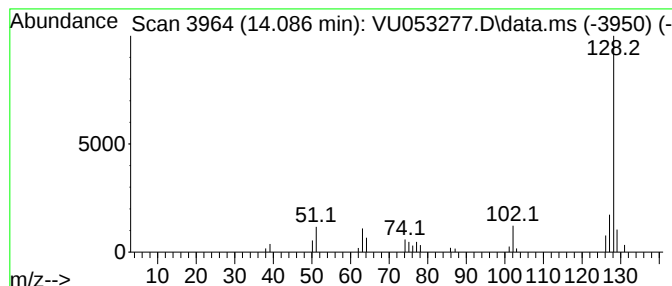
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	3.18 ug/L	24050	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	91
2			Azulene	128	C10H8	000275-51-4	90
3			Naphthalene	128	C10H8	000091-20-3	90
4			Naphthalene	128	C10H8	000091-20-3	90
5			Naphthalene	128	C10H8	000091-20-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053277.D
Acq On : 17 Mar 2023 19:11
Operator : JC/MD
Sample : 01930-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.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
Sulfur dioxide	1.469	3.4	ug/L	22210	1	6.243	330570	50.0
Indane	12.089	8.2	ug/L	61809	3	11.809	378328	50.0
Benzofuran, 2-m...	12.922	7.2	ug/L	54775	3	11.809	378328	50.0
Benzofuran, 7-m...	13.021	2.9	ug/L	21795	3	11.809	378328	50.0
Azulene	14.086	3.2	ug/L	24050	3	11.809	378328	50.0