LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053281.D
Acq On : 17 Mar 2023 21:10
Operator : JC/MD
Sample : 01930-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EYFG1

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: VU053281.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.466	32	39	53	rBV	13619	25067	3.96%	0.488%
2	1.597	73	80	96	rVB	86836	98334	15.54%	1.913%
3	1.909	170	177	195	rVB	65707	89709	14.18%	1.745%
4	2.562	369	380	394	rBV	124835	202201	31.95%	3.934%
5	2.755	436	440	446	rBV2	292	294	0.05%	0.006%
6	3.038	525	528	531	rBV	290	183	0.03%	0.004%
7	3.067	535	537	539	rBV	203	83	0.01%	0.002%
8	3.167	565	568	570	rBV3	496	336	0.05%	0.007%
9	3.340	620	622	624	rBV	262	171	0.03%	0.003%
10	3.520	675	678	680	rVB	164	71	0.01%	0.001%
11	3.867	784	786	790	rVB	272	104	0.02%	0.002%
12	4.157	874	876	878	rBV	167	69	0.01%	0.001%
13	4.613	1007	1018	1049	rBV2	46560	114462	18.09%	2.227%
14	4.842	1083	1089	1091	rBV	261	288	0.05%	0.006%
15	4.974	1127	1130	1133	rBV2	296	191	0.03%	0.004%
16	5.057	1141	1156	1180	rBV	110832	247411	39.10%	4.814%
17	5.266	1218	1221	1224	rBV	221	140	0.02%	0.003%
18	5.289	1225	1228	1229	rBV2	237	152	0.02%	0.003%
19	5.604	1324	1326	1327	rBV	157	85	0.01%	0.002%
20	5.719	1341	1362	1374	rBV2	229950	632836	100.00%	12.313%
21	5.877	1407	1411	1415	rVB2	195	172	0.03%	0.003%
22	5.919	1421	1424	1429	rBV2	250	194	0.03%	0.004%
23	6.031	1455	1459	1460	rBV	265	175	0.03%	0.003%
24	6.244	1512	1525	1552	rBV	179011	338144	53.43%	6.579%
25	6.379	1562	1567	1569	rBV2	150	143	0.02%	0.003%
26	6.408	1572	1576	1579	rBV	268	210	0.03%	0.004%
27	6.520	1609	1611	1614	rVB	257	106	0.02%	0.002%
28	6.613	1637	1640	1643	rBV	178	168	0.03%	0.003%
29	6.684	1649	1662	1681	rBV	149784	283491	44.80%	5.516%
30	6.806	1697	1700	1702	rBV	176	130	0.02%	0.003%
31	6.951	1743	1745	1749	rBV	142	71	0.01%	0.001%
32	7.038	1769	1772	1777	rBV	369	359	0.06%	0.007%
33	7.096	1782	1790	1793	rBV2	330	484	0.08%	0.009%
34	7.337	1863	1865	1868	rVB	155	68	0.01%	0.001%
35	7.491	1910	1913	1916	rBV	193	188	0.03%	0.004%
36	7.562	1922	1935	1951	rBV	81539	139880	22.10%	2.722%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053281.D
Acq On : 17 Mar 2023 21:10
Operator : JC/MD
Sample : 01930-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG1

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

37	7.687	1968	1974	1981	rBV3	680	961	0.15%	0.019%
38	7.800	2005	2009	2016	rBV2	236	253	0.04%	0.005%
39	7.893	2024	2038	2058	rBV	286157	488007	77.11%	9.495%
40	8.041	2081	2084	2087	rBV2	417	281	0.04%	0.005%
41	8.089	2095	2099	2101	rBV	280	163	0.03%	0.003%
42	8.131	2109	2112	2114	rBV	145	106	0.02%	0.002%
43	8.173	2115	2125	2143	rVV	55221	91849	14.51%	1.787%
44	8.401	2192	2196	2197	rBV	230	120	0.02%	0.002%
45	8.475	2216	2219	2221	rBB	167	107	0.02%	0.002%
46	8.491	2221	2224	2226	rBV	189	150	0.02%	0.003%
47	8.626	2255	2266	2298	rBV2	147980	269514	42.59%	5.244%
48	8.867	2338	2341	2345	rVB2	226	189	0.03%	0.004%
49	8.896	2347	2350	2355	rBV2	166	129	0.02%	0.003%
50	9.099	2410	2413	2414	rBV	172	82	0.01%	0.002%
51	9.166	2431	2434	2437	rBV2	286	203	0.03%	0.004%
52	9.227	2450	2453	2458	rBV2	203	183	0.03%	0.004%
53	9.288	2469	2472	2475	rBV	208	163	0.03%	0.003%
54	9.414	2499	2511	2532	rBV	248023	406307	64.20%	7.905%
55	9.694	2591	2598	2599	rBV2	1118	1164	0.18%	0.023%
56	9.893	2658	2660	2665	rVB	166	80	0.01%	0.002%
57	9.989	2687	2690	2695	rBV	227	283	0.04%	0.006%
58	10.047	2707	2708	2712	rVB	187	78	0.01%	0.002%
59	10.096	2716	2723	2732	rVV2	4209	6251	0.99%	0.122%
60	10.173	2744	2747	2749	rBV	173	130	0.02%	0.003%
61	10.481	2833	2843	2853	rBV2	13983	21567	3.41%	0.420%
62	10.751	2914	2927	2943	rBV	190687	302295	47.77%	5.882%
63	10.903	2966	2974	2985	rBV	2960	4249	0.67%	0.083%
64	11.083	3023	3030	3039	rBV2	3519	4519	0.71%	0.088%
65	11.288	3085	3094	3102	rBV2	10178	13764	2.17%	0.268%
66	11.465	3138	3149	3160	rBV	29191	42475	6.71%	0.826%
67	11.742	3230	3235	3242	rBV2	742	906	0.14%	0.018%
68	11.809	3243	3256	3271	rBV	249934	393315	62.15%	7.653%
69	11.890	3276	3281	3292	rVB	5261	7012	1.11%	0.136%
70	11.948	3297	3299	3302	rVB2	232	95	0.02%	0.002%
71	12.092	3334	3344	3354	rBV2	25946	39975	6.32%	0.778%
72	12.189	3362	3374	3390	rBV	268241	423989	67.00%	8.249%
73	12.308	3403	3411	3422	rVB4	3425	5722	0.90%	0.111%
74	12.462	3451	3459	3464	rBV4	2065	2962	0.47%	0.058%
75	12.568	3485	3492	3505	rVB3	3860	5603	0.89%	0.109%
76	12.639	3511	3514	3516	rVV	195	101	0.02%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053281.D
Acq On : 17 Mar 2023 21:10
Operator : JC/MD
Sample : 01930-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG1

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

77	12.677	3519	3526	3540	rVB4	5044	8200	1.30%	0.160%
78	12.880	3582	3589	3592	rBV	487	620	0.10%	0.012%
79	12.922	3592	3602	3610	rBV3	27017	40876	6.46%	0.795%
80	12.970	3610	3617	3623	rVB2	11620	15182	2.40%	0.295%
81	13.025	3624	3634	3647	rBV3	22521	43479	6.87%	0.846%
82	13.292	3707	3717	3725	rBV2	5562	7136	1.13%	0.139%
83	13.356	3733	3737	3741	rVB2	251	204	0.03%	0.004%
84	13.407	3750	3753	3755	rBV	185	102	0.02%	0.002%
85	13.446	3758	3765	3775	rVB4	3689	5315	0.84%	0.103%
86	13.517	3778	3787	3796	rBV4	11431	16398	2.59%	0.319%
87	13.626	3810	3821	3835	rBB2	15978	25713	4.06%	0.500%
88	13.783	3864	3870	3876	rBV5	1400	1637	0.26%	0.032%
89	13.835	3880	3886	3895	rVB6	3344	4379	0.69%	0.085%
90	14.002	3935	3938	3946	rVB2	312	313	0.05%	0.006%
91	14.082	3947	3963	3982	rBV	118955	207956	32.86%	4.046%
92	14.173	3982	3991	3996	rBV5	1537	2756	0.44%	0.054%
93	14.388	4054	4058	4065	rBV3	713	900	0.14%	0.018%
94	14.684	4142	4150	4152	rBV3	1185	1294	0.20%	0.025%
95	14.864	4204	4206	4207	rBV	295	125	0.02%	0.002%
96	15.131	4287	4289	4292	rBV2	304	175	0.03%	0.003%
97	15.410	4366	4376	4388	rBV2	17634	28898	4.57%	0.562%
98	15.545	4416	4418	4422	rBV2	292	172	0.03%	0.003%
99	15.754	4478	4483	4485	rBV2	296	271	0.04%	0.005%
100	17.095	4895	4900	4912	rVB4	10766	16041	2.53%	0.312%

Sum of corrected areas: 5139614

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053281.D
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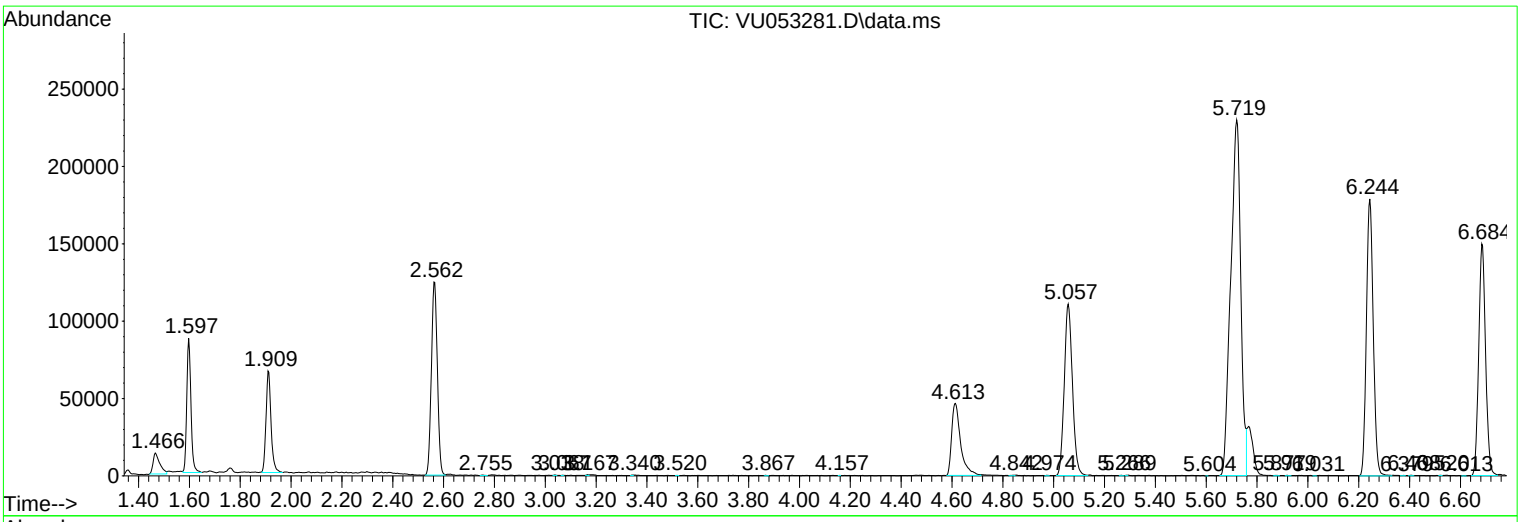
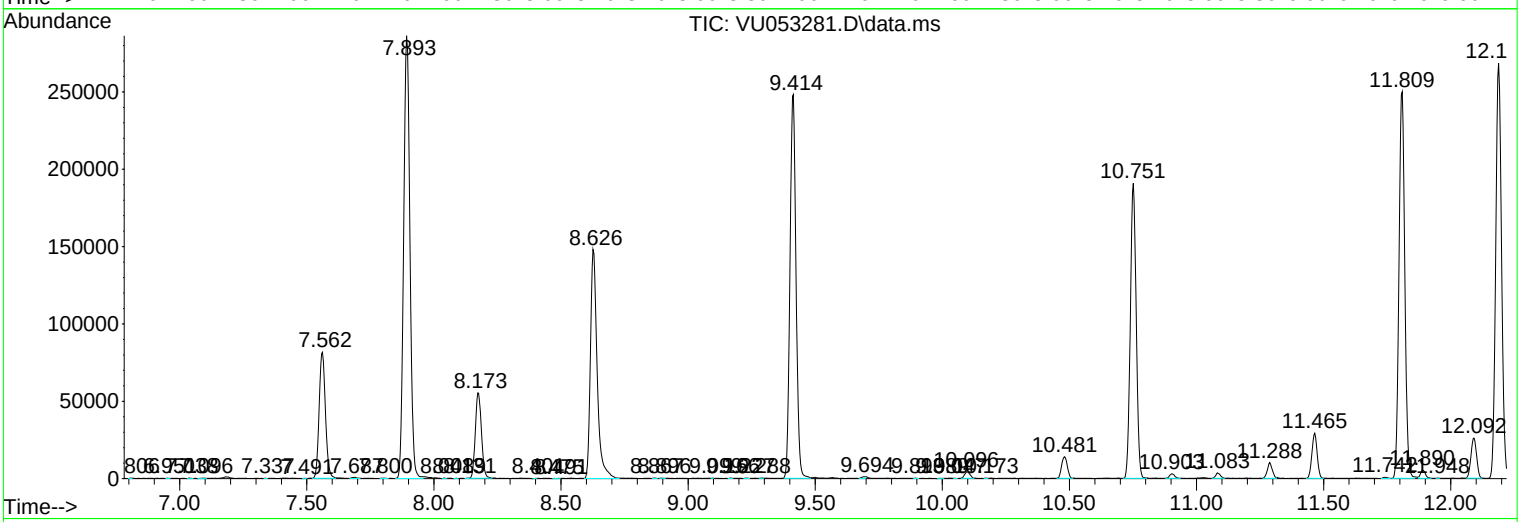
Operator : JC/MD
Sample : 01930-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

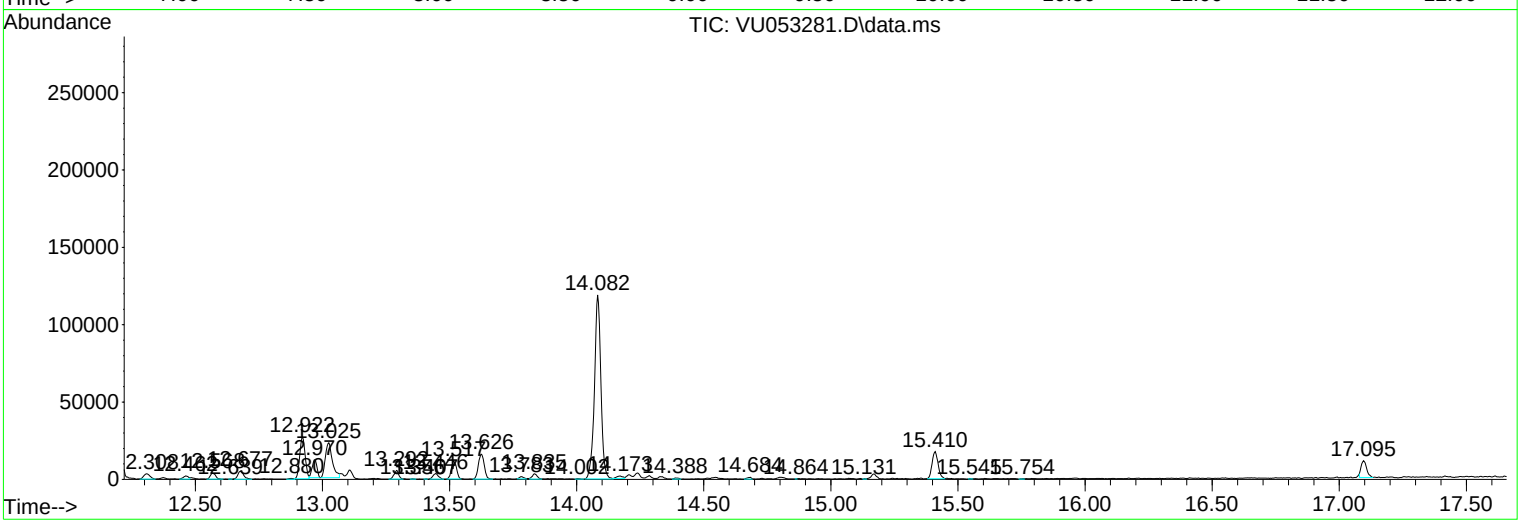
Instrument :
MSVOA_U
ClientSampleId :
EYFG1

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053281.D
Acq On : 17 Mar 2023 21:10
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG1

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

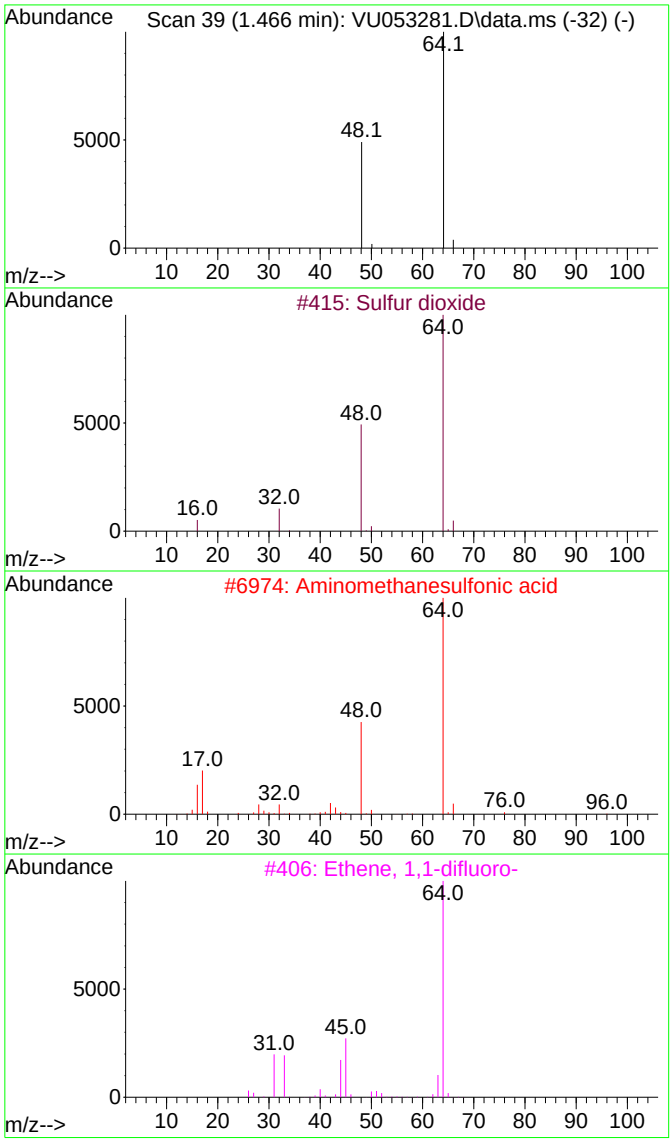
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

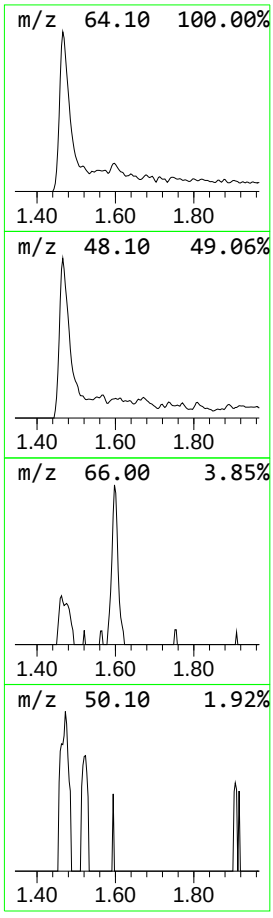
****

Peak Number 1 Sulfur dioxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.466	3.71 ug/L	25067	1,4-Difluorobenzene	6.244

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	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053281.D
Acq On : 17 Mar 2023 21:10
Operator : JC/MD
Sample : 01930-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG1

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

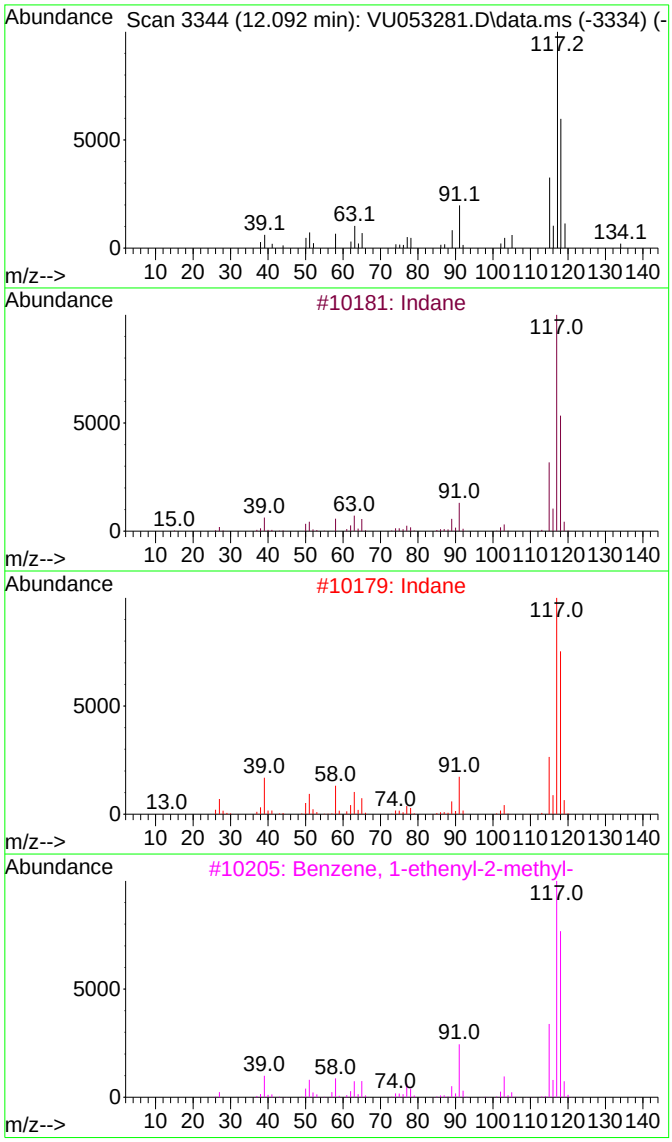
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

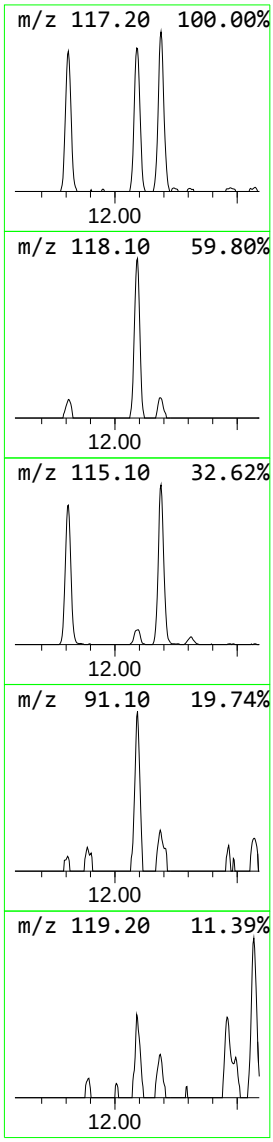
****

Peak Number 3 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	5.08 ug/L	39975	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053281.D
Acq On : 17 Mar 2023 21:10
Operator : JC/MD
Sample : 01930-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG1

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

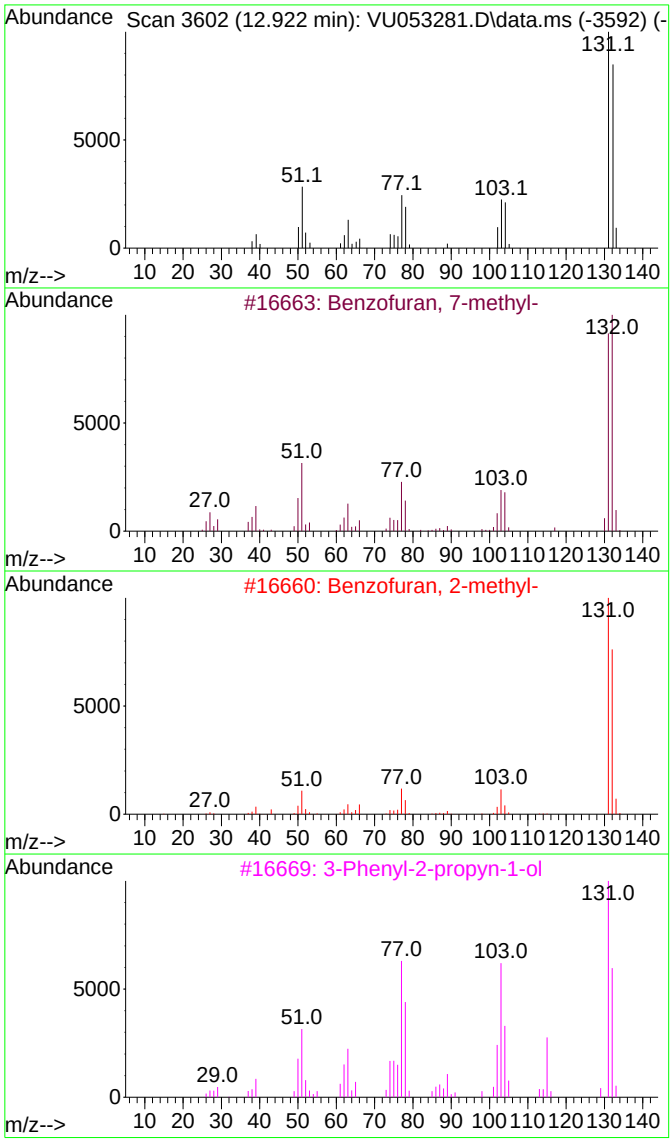
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

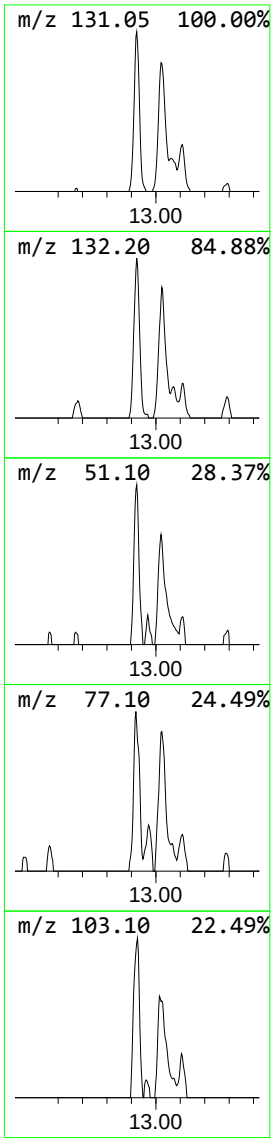
****

Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.922	5.20 ug/L	40876	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	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053281.D
Acq On : 17 Mar 2023 21:10
Operator : JC/MD
Sample : 01930-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG1

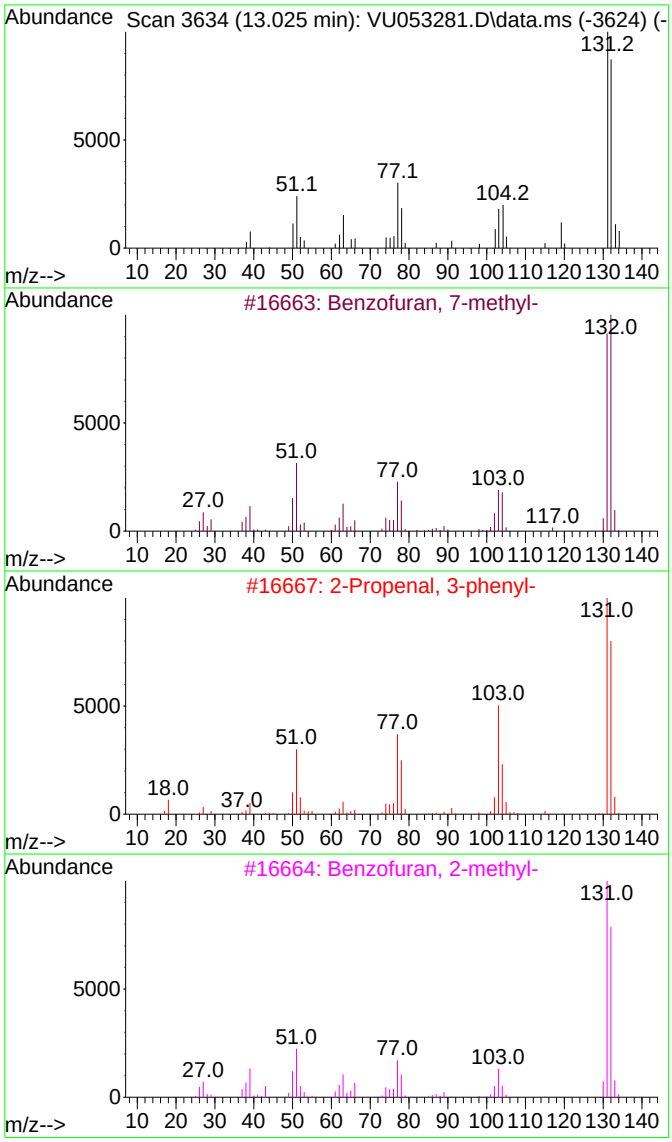
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

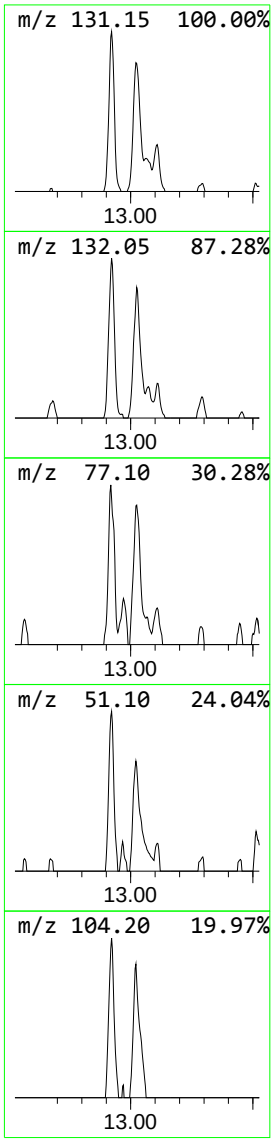
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propenal, 3-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	5.53 ug/L	43479	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053281.D
Acq On : 17 Mar 2023 21:10
Operator : JC/MD
Sample : 01930-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG1

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

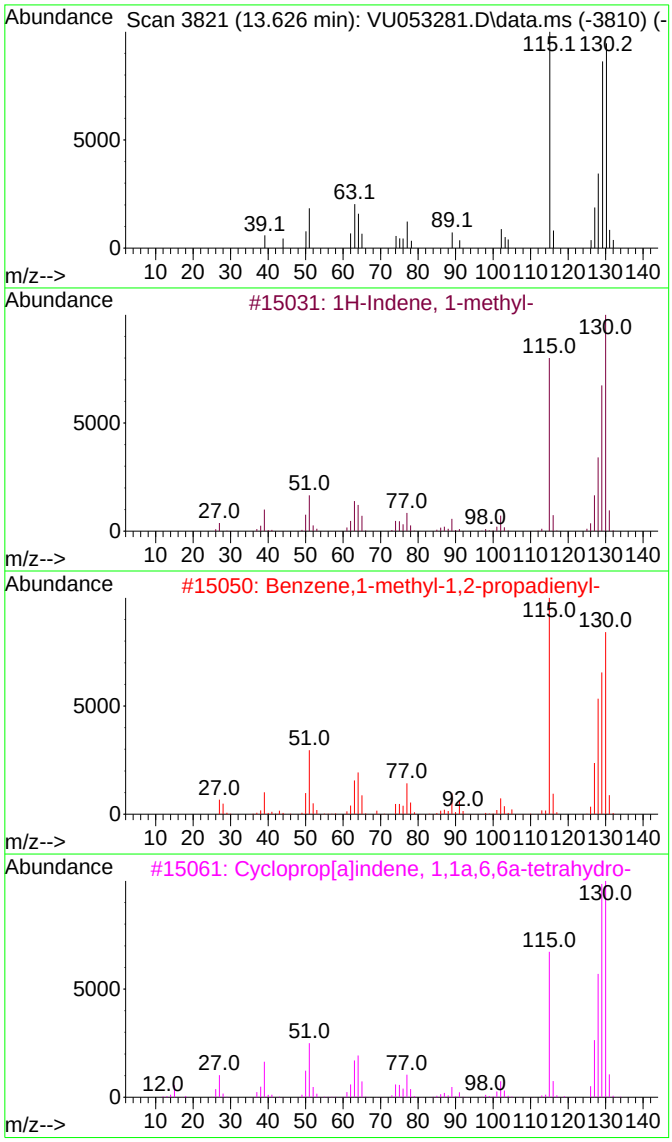
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

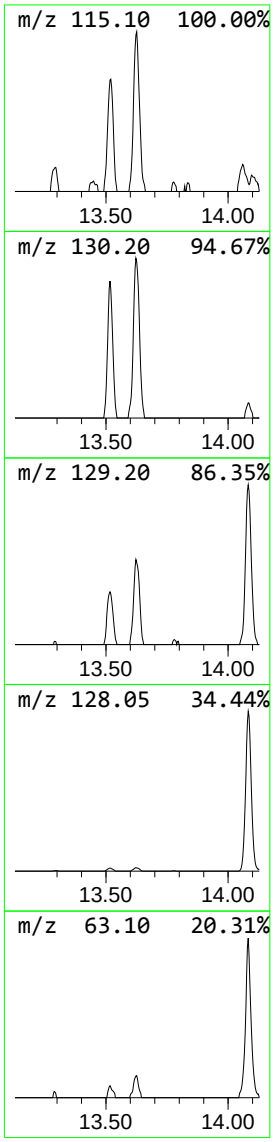
****

Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.626	3.27 ug/L	25713	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
4	2-Methylindene	130	C10H10	002177-47-1	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	87





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Data File : VU053281.D
Acq On : 17 Mar 2023 21:10
Operator : JC/MD
Sample : 01930-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG1

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

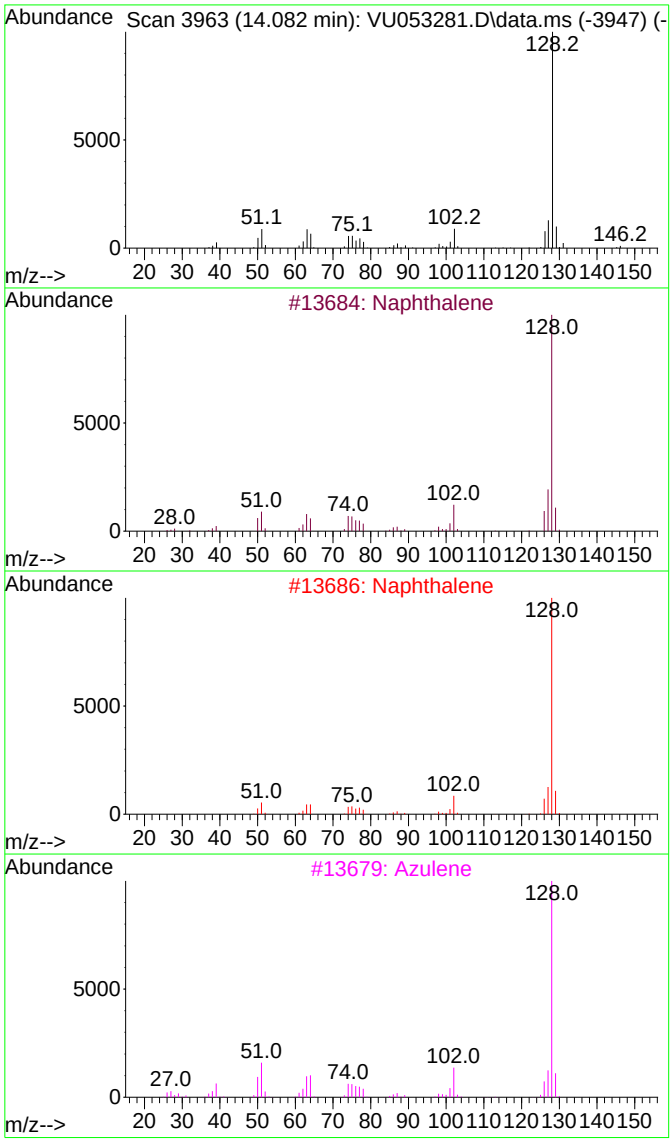
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

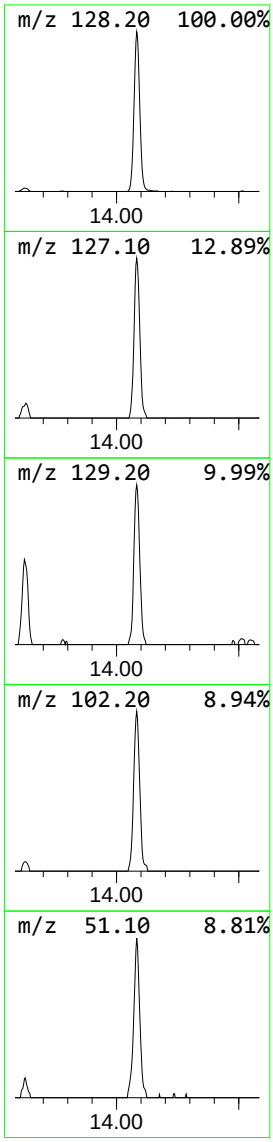
****

Peak Number 7 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.083	26.44 ug/L	207956	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
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	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053281.D
Acq On : 17 Mar 2023 21:10
Operator : JC/MD
Sample : 01930-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG1

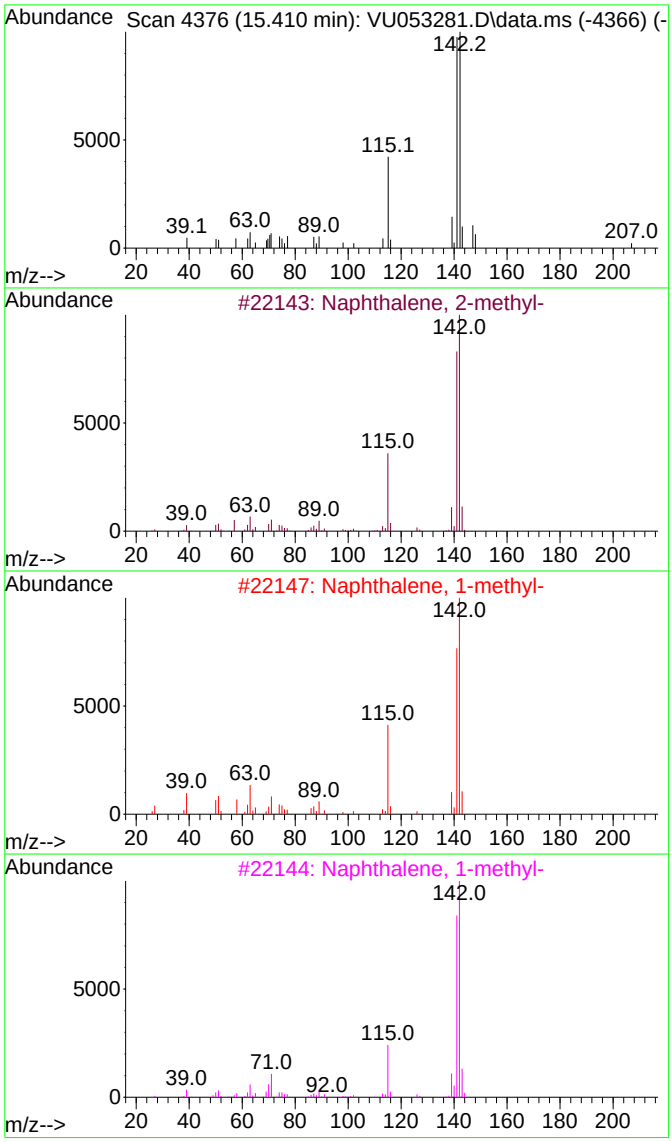
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

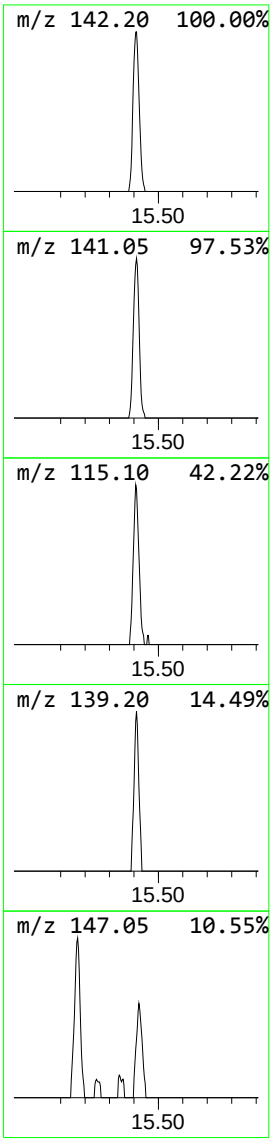
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	3.67 ug/L	28898	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053281.D
Acq On : 17 Mar 2023 21:10
Operator : JC/MD
Sample : 01930-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFG1

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.466	3.7	ug/L	25067	1	6.244	338144	50.0
Indane	12.092	5.1	ug/L	39975	3	11.809	393315	50.0
Benzofuran, 7-m...	12.922	5.2	ug/L	40876	3	11.809	393315	50.0
2-Propenal, 3-p...	13.025	5.5	ug/L	43479	3	11.809	393315	50.0
1H-Indene, 1-me...	13.626	3.3	ug/L	25713	3	11.809	393315	50.0
Azulene	14.083	26.4	ug/L	207956	3	11.809	393315	50.0
Naphthalene, 2-...	15.410	3.7	ug/L	28898	3	11.809	393315	50.0