LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

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\SFAMULM092321WMA.M
Title : VOC Analysis

Signal : TIC: VU0451185.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.363	3	7	9	rBV	9749	8283	0.19%	0.032%
2	1.469	32	40	44	rBV	349197	507589	11.88%	1.971%
3	1.604	76	82	95	rVB	1521925	1653404	38.68%	6.421%
4	2.240	275	280	302	rVB	75841	109881	2.57%	0.427%
5	2.472	347	352	368	rVB2	5394	10819	0.25%	0.042%
6	2.565	369	381	396	rVV2	211543	368442	8.62%	1.431%
7	2.636	397	403	409	rVV	7319	11733	0.27%	0.046%
8	2.687	410	419	435	rVB	36129	61890	1.45%	0.240%
9	2.800	440	454	469	rBV2	9347	33974	0.79%	0.132%
10	3.874	771	788	811	rVB	91816	218972	5.12%	0.850%
11	4.134	858	869	875	rBV2	1186	2251	0.05%	0.009%
12	4.568	983	1004	1010	rBV4	6759	16749	0.39%	0.065%
13	4.671	1010	1036	1057	rVV2	1372470	3367228	78.78%	13.076%
14	5.067	1144	1159	1179	rVB	223704	484792	11.34%	1.883%
15	5.317	1222	1237	1248	rBV3	6871	16440	0.38%	0.064%
16	5.382	1248	1257	1269	rVB8	3624	9173	0.21%	0.036%
17	5.594	1310	1323	1335	rVB7	3950	8292	0.19%	0.032%
18	5.729	1341	1365	1394	rBV2	495598	1344338	31.45%	5.220%
19	6.137	1483	1492	1506	rVV8	5803	12477	0.29%	0.048%
20	6.253	1511	1528	1544	rBV	377048	699822	16.37%	2.718%
21	6.510	1593	1608	1618	rBV	98517	214388	5.02%	0.833%
22	6.694	1651	1665	1680	rBV	297363	581575	13.61%	2.258%
23	6.809	1693	1701	1715	rVB2	46358	86539	2.02%	0.336%
24	6.967	1739	1750	1770	rBV	30434	61033	1.43%	0.237%
25	7.176	1803	1815	1828	rVB7	2587	5684	0.13%	0.022%
26	7.256	1828	1840	1850	rVB4	4195	7251	0.17%	0.028%
27	7.440	1889	1897	1904	rBV4	2471	3645	0.09%	0.014%
28	7.568	1923	1937	1950	rBV	151004	261656	6.12%	1.016%
29	7.903	2021	2041	2053	rBV	567818	968019	22.65%	3.759%
30	7.973	2053	2063	2076	rVV	141693	244419	5.72%	0.949%
31	8.034	2076	2082	2094	rVV5	4516	7919	0.19%	0.031%
32	8.182	2116	2128	2142	rBV	107144	174706	4.09%	0.678%
33	8.378	2180	2189	2201	rBV	2271	4347	0.10%	0.017%
34	8.491	2213	2224	2236	rBV	17455	30230	0.71%	0.117%
35	8.636	2257	2269	2294	rBV	458155	777348	18.19%	3.019%
36	8.790	2308	2317	2326	rVB6	3540	6086	0.14%	0.024%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
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Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

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\SFAMULM092321WMA.M
Title : VOC Analysis

37	8.870	2339	2342	2350	rVB4	2681	3034	0.07%	0.012%
38	9.044	2388	2396	2405	rBV2	6720	9318	0.22%	0.036%
39	9.420	2500	2513	2535	rBV	543213	880921	20.61%	3.421%
40	9.575	2548	2561	2577	rBV	962520	1512928	35.40%	5.875%
41	9.694	2584	2598	2612	rBV	2626165	4274292	100.00%	16.598%
42	9.764	2613	2620	2642	rVB	38892	73864	1.73%	0.287%
43	10.102	2711	2725	2750	rBV	635577	995184	23.28%	3.865%
44	10.488	2833	2845	2857	rVV	138988	217108	5.08%	0.843%
45	10.761	2918	2930	2944	rVB	431570	691428	16.18%	2.685%
46	10.912	2960	2977	2993	rBV2	60622	145945	3.41%	0.567%
47	10.996	2993	3003	3021	rVB3	22062	42277	0.99%	0.164%
48	11.095	3021	3034	3044	rBV3	9870	16567	0.39%	0.064%
49	11.295	3086	3096	3110	rBV2	11898	18152	0.42%	0.070%
50	11.472	3141	3151	3170	rVB2	62243	105370	2.47%	0.409%
51	11.578	3177	3184	3189	rBV6	3759	5129	0.12%	0.020%
52	11.645	3200	3205	3214	rVB2	7649	10049	0.24%	0.039%
53	11.812	3241	3257	3271	rBV3	609543	1311540	30.68%	5.093%
54	11.890	3271	3281	3295	rVB3	39921	75255	1.76%	0.292%
55	12.018	3314	3321	3328	rVB5	5145	6888	0.16%	0.027%
56	12.063	3328	3335	3338	rVV4	13206	17105	0.40%	0.066%
57	12.099	3339	3346	3360	rVB	66622	102920	2.41%	0.400%
58	12.195	3363	3376	3400	rVB	538969	872591	20.41%	3.388%
59	12.311	3402	3412	3425	rBV4	11588	20030	0.47%	0.078%
60	12.378	3426	3433	3446	rBV2	6459	10485	0.25%	0.041%
61	12.465	3450	3460	3467	rBV6	3757	6578	0.15%	0.026%
62	12.574	3486	3494	3502	rVB3	8878	12995	0.30%	0.050%
63	12.687	3520	3529	3547	rVB2	19506	36367	0.85%	0.141%
64	12.835	3567	3575	3580	rVV8	2983	5354	0.13%	0.021%
65	12.867	3580	3585	3594	rVB3	6598	9252	0.22%	0.036%
66	12.954	3598	3612	3628	rBV3	42077	108235	2.53%	0.420%
67	13.034	3628	3637	3647	rVV4	9928	16237	0.38%	0.063%
68	13.118	3655	3663	3674	rVB5	6320	9815	0.23%	0.038%
69	13.256	3685	3706	3713	rBV7	13287	26564	0.62%	0.103%
70	13.330	3724	3729	3737	rVB2	3795	5008	0.12%	0.019%
71	13.407	3744	3753	3759	rBV7	1889	3011	0.07%	0.012%
72	13.455	3759	3768	3780	rVV4	19172	30906	0.72%	0.120%
73	13.523	3780	3789	3798	rVB8	7205	13630	0.32%	0.053%
74	13.629	3817	3822	3833	rVB8	5344	7832	0.18%	0.030%
75	13.745	3847	3858	3866	rBV3	23407	41216	0.96%	0.160%
76	13.838	3879	3887	3896	rVB3	10664	14631	0.34%	0.057%

LSC Area Percent Report

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Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Title : VOC Analysis

77	13.886	3896	3902	3904	rBV4	5426	5849	0.14%	0.023%
78	14.089	3948	3965	3987	rBV	642598	1022186	23.91%	3.969%
79	14.201	3988	4000	4012	rVV2	44034	95647	2.24%	0.371%
80	14.288	4018	4027	4039	rVB	35336	57640	1.35%	0.224%
81	14.349	4041	4046	4058	rVB5	4758	7822	0.18%	0.030%
82	14.484	4080	4088	4094	rBV7	3272	5311	0.12%	0.021%
83	14.606	4121	4126	4136	rVB7	1638	2650	0.06%	0.010%
84	14.671	4136	4146	4159	rBV3	12776	25649	0.60%	0.100%
85	14.812	4177	4190	4200	rBV2	10928	18907	0.44%	0.073%
86	14.880	4204	4211	4223	rVV4	14525	22848	0.53%	0.089%
87	14.944	4226	4231	4239	rVB5	2826	3405	0.08%	0.013%
88	15.031	4248	4258	4267	rBV4	6700	11944	0.28%	0.046%
89	15.224	4289	4318	4328	rBV	59044	120261	2.81%	0.467%
90	15.349	4349	4357	4365	rBV7	3032	4914	0.11%	0.019%
91	15.414	4365	4377	4390	rBV	52721	93935	2.20%	0.365%
92	15.928	4526	4537	4542	rBV6	7564	13943	0.33%	0.054%
93	16.012	4560	4563	4573	rVB5	2256	2655	0.06%	0.010%
94	16.153	4599	4607	4611	rBV5	3801	5409	0.13%	0.021%
95	16.185	4613	4617	4627	rVB3	5187	7079	0.17%	0.027%
96	16.269	4636	4643	4649	rBV7	4988	6657	0.16%	0.026%
97	16.410	4680	4687	4695	rBV4	8134	11649	0.27%	0.045%
98	16.449	4695	4699	4708	rVB7	4000	5484	0.13%	0.021%
99	16.777	4795	4801	4805	rBV6	4181	5461	0.13%	0.021%
100	17.098	4892	4901	4916	rBV	28349	47084	1.10%	0.183%

Sum of corrected areas: 25751794

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
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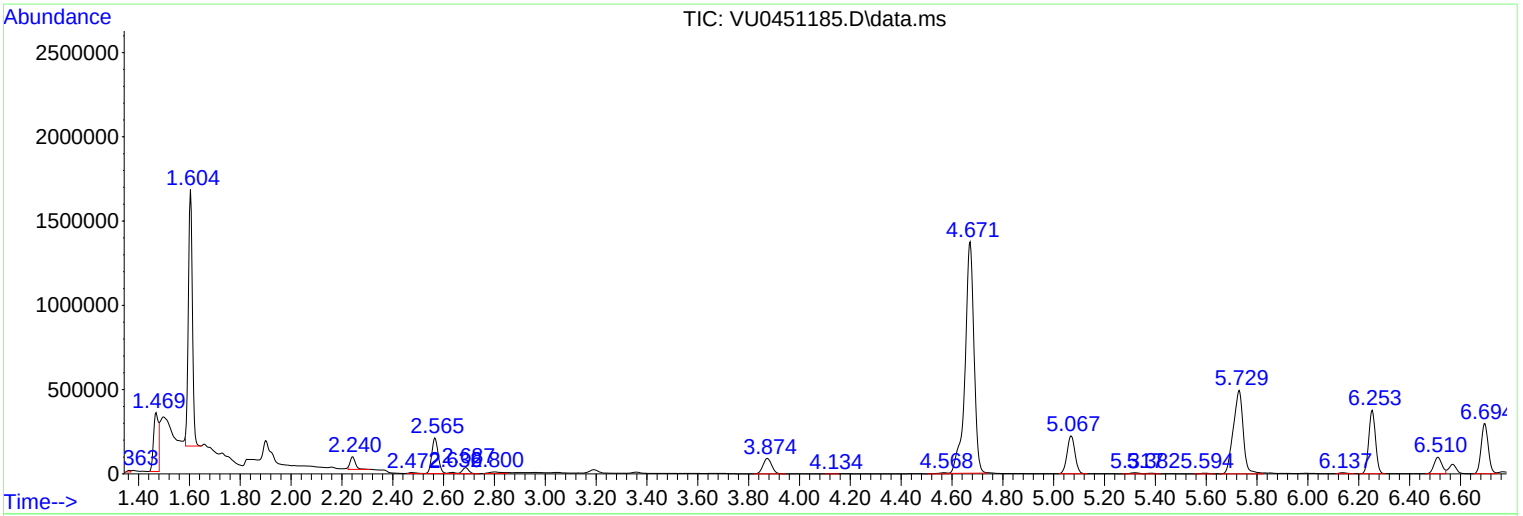
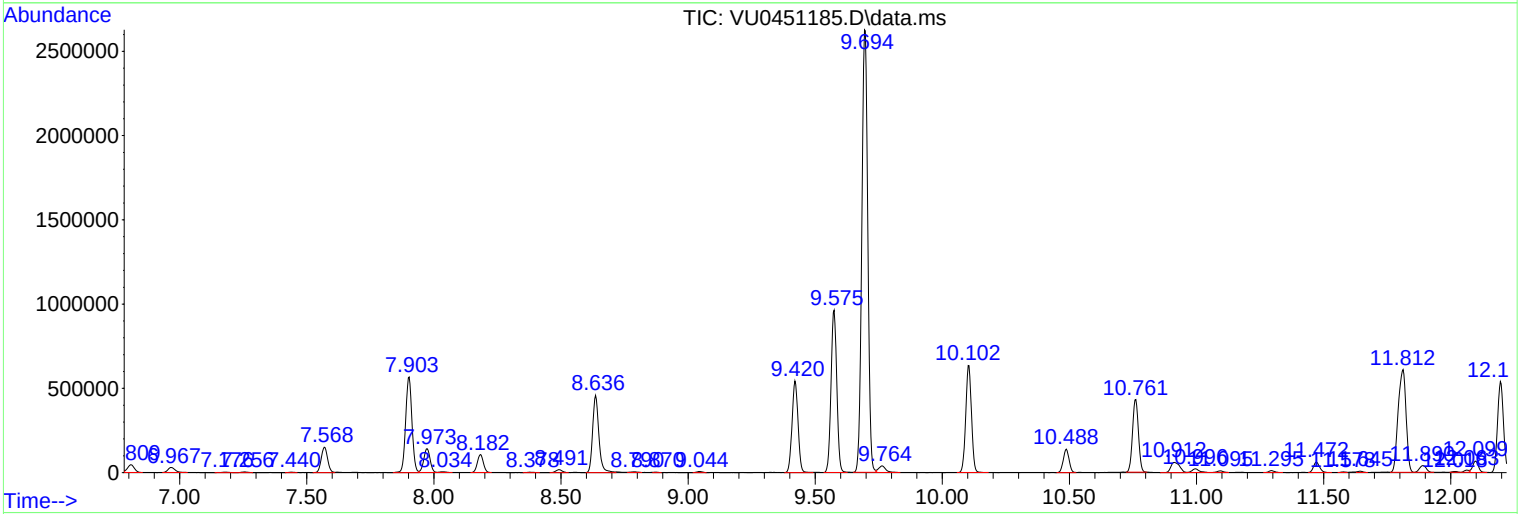
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

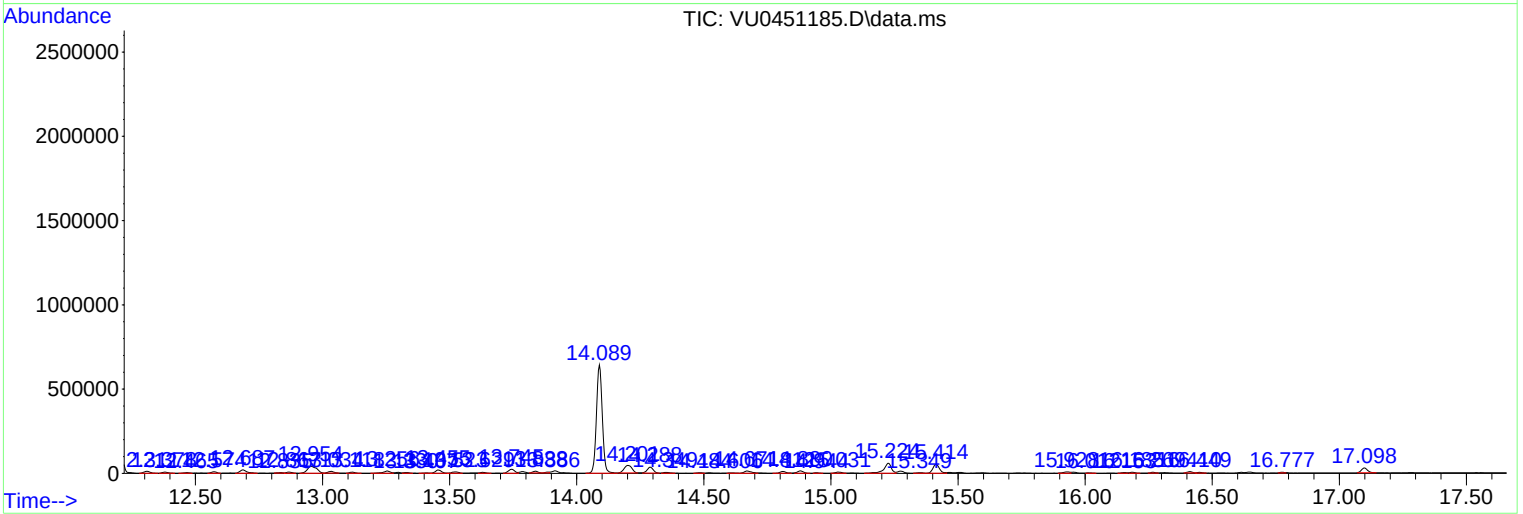
Instrument :
MSVOA_U
ClientSampleId :
C0AM3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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







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Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
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Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

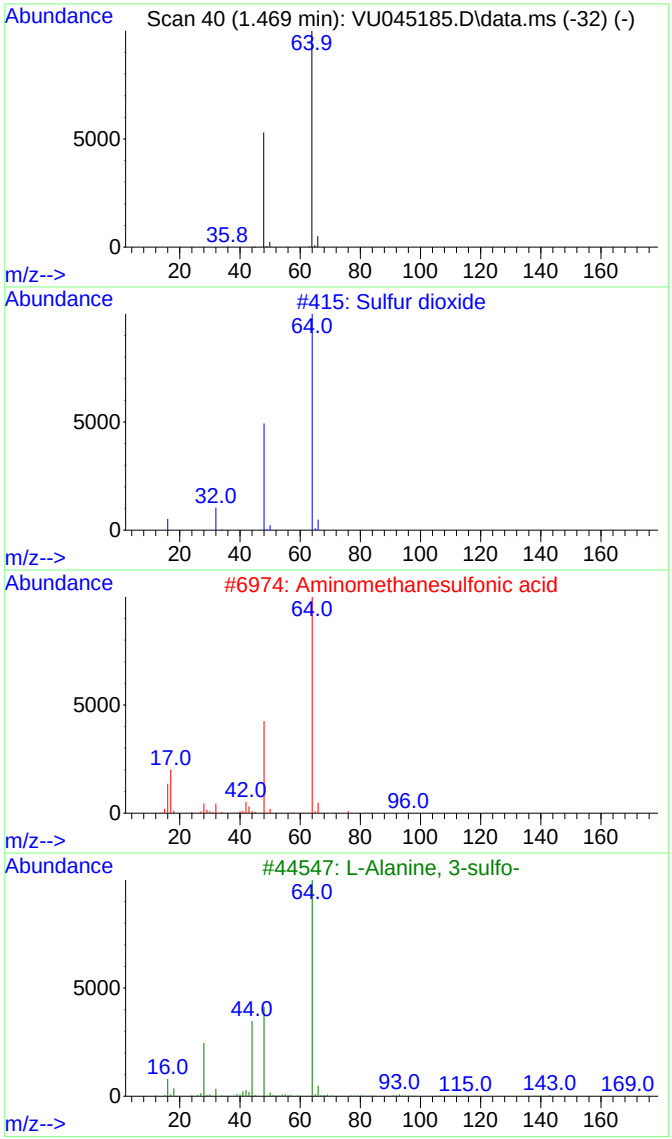
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

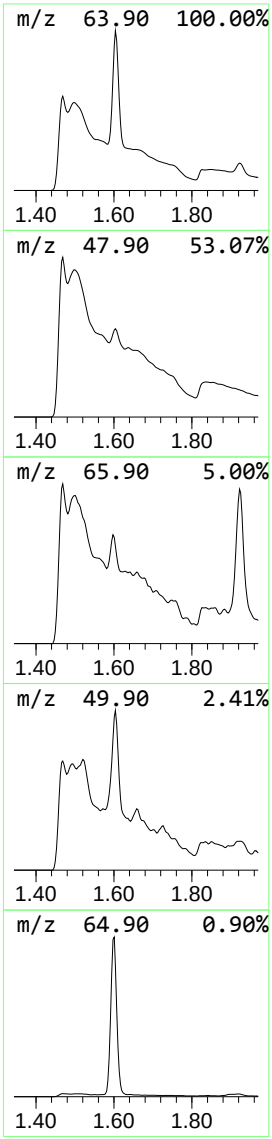
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.469	36.27 ug/L	507589	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





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Data File : VU045185.D
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Operator : SY/MD
Sample : M4024-15
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

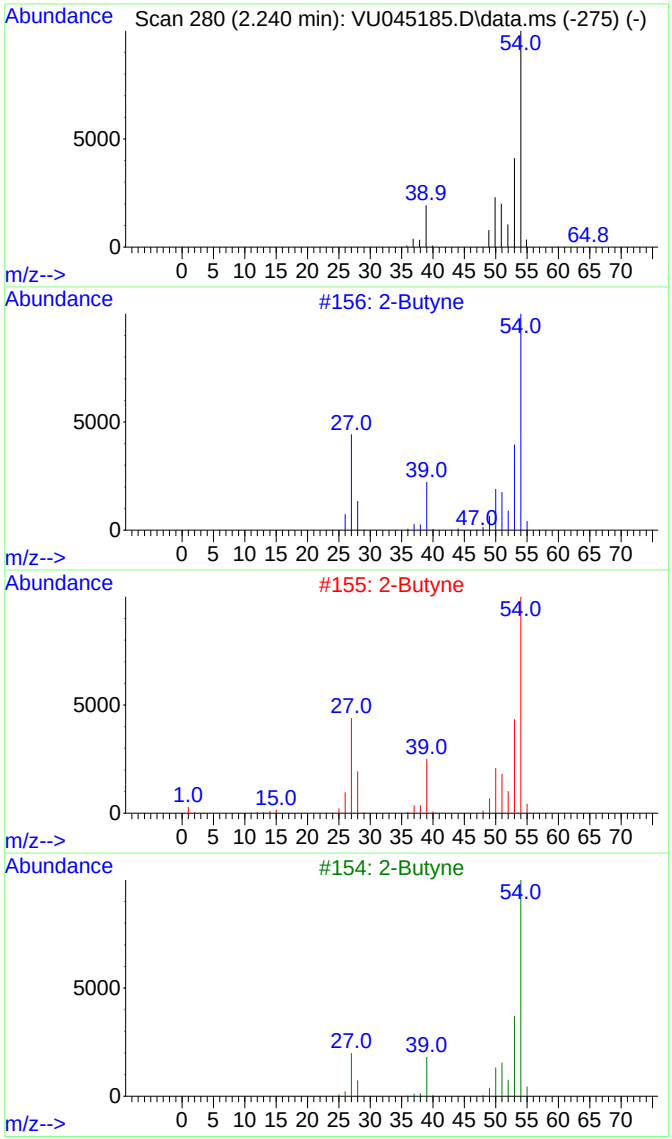
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

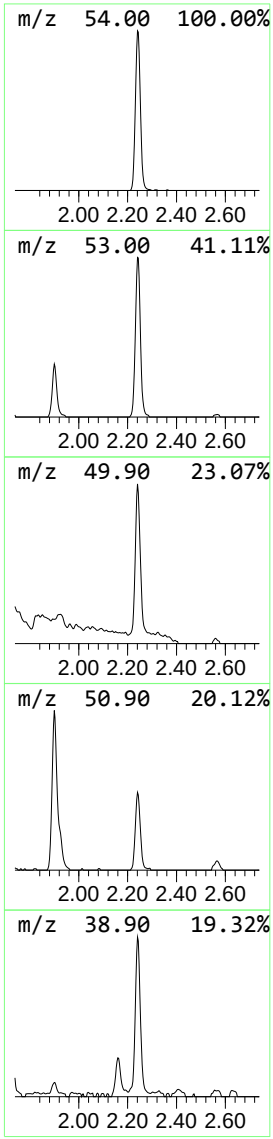
****

Peak Number 2 2-Butyne Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.240	7.85 ug/L	109881	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne	54	C4H6	000503-17-3	86
2	2-Butyne	54	C4H6	000503-17-3	86
3	2-Butyne	54	C4H6	000503-17-3	86
4	1-Butyne	54	C4H6	000107-00-6	86
5	1,2-Butadiene	54	C4H6	000590-19-2	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
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Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM3

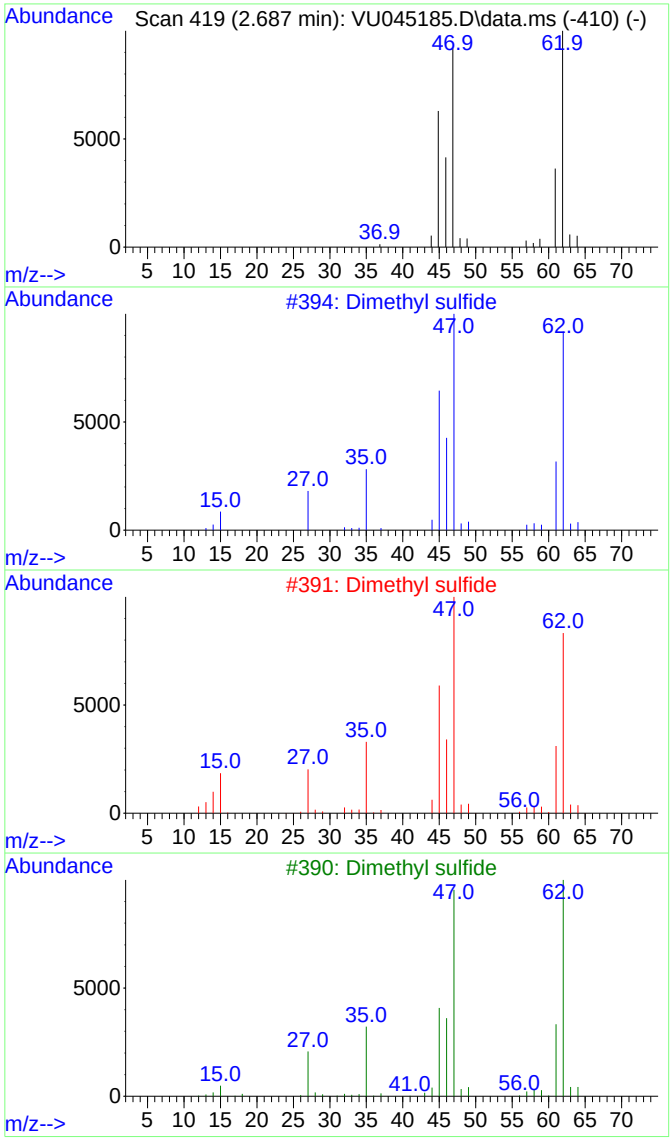
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

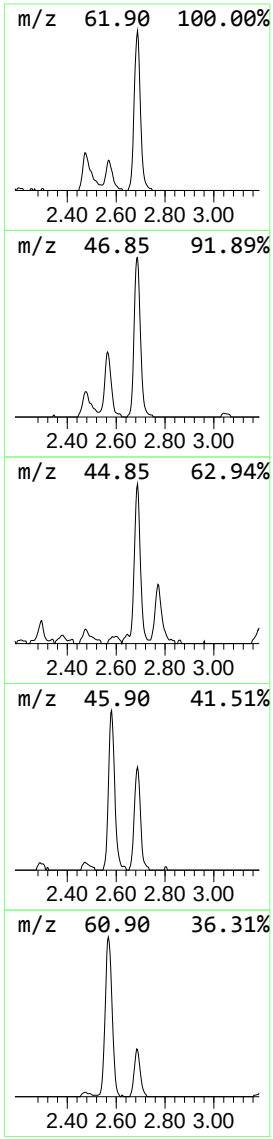
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dimethyl sulfide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.687	4.42 ug/L	61890	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Dimethyl sulfide	62	C2H6S	000075-18-3	94
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Dimethyl sulfide	62	C2H6S	000075-18-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

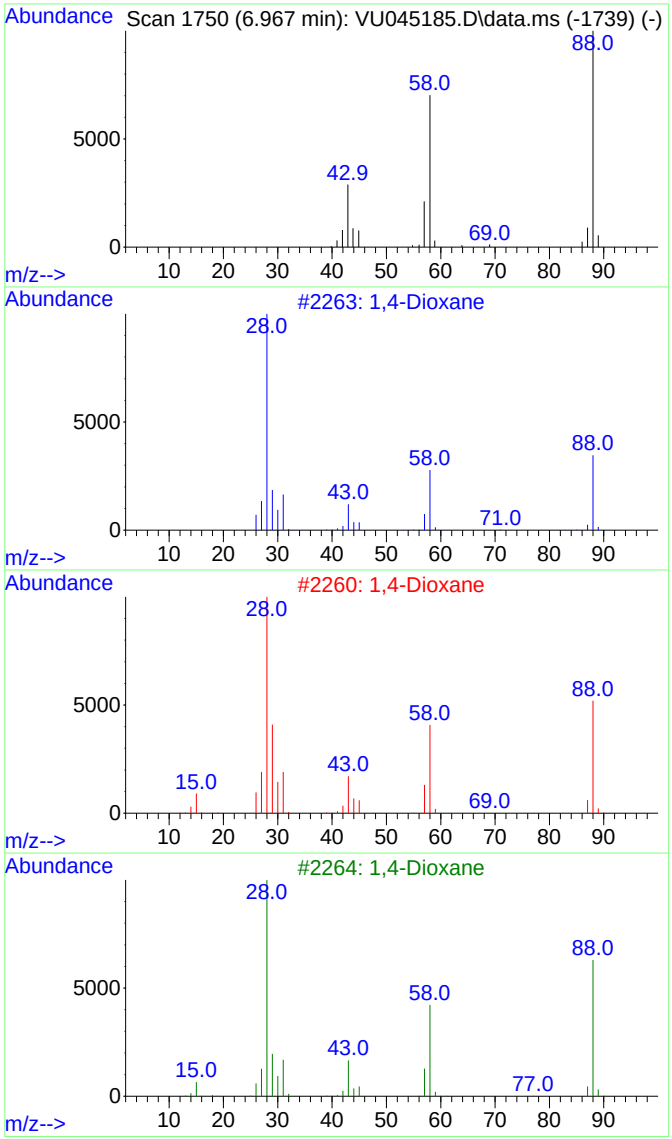
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

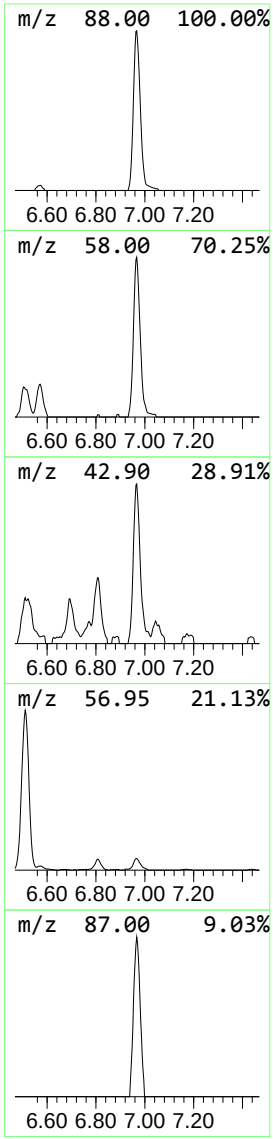
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,4-Dioxane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.967	4.36 ug/L	61033	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	91
2	1,4-Dioxane	88	C4H8O2	000123-91-1	91
3	1,4-Dioxane	88	C4H8O2	000123-91-1	91
4	1,4-Dioxane	88	C4H8O2	000123-91-1	90
5	1,4-Dioxane	88	C4H8O2	000123-91-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

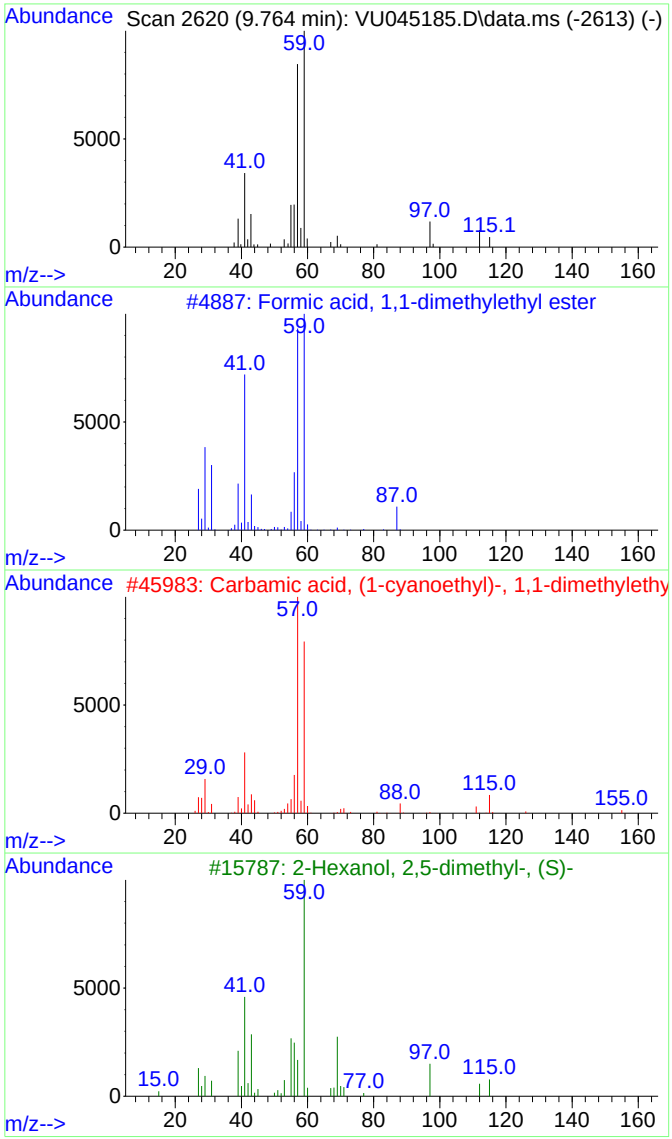
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

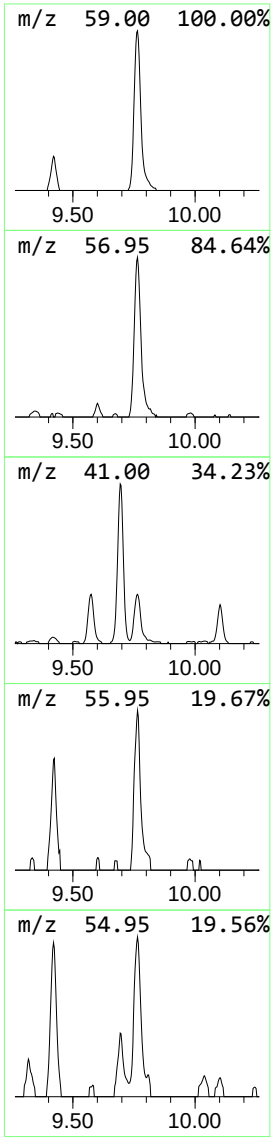
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Formic acid, 1,1-dimethylet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.764	4.19 ug/L	73864	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, 1,1-dimethylethyl e...	102	C5H10O2	000762-75-4	50
2	Carbamic acid, (1-cyanoethyl)-, ...	170	C8H14N2O2	100927-09-1	50
3	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	39
4	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	38
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

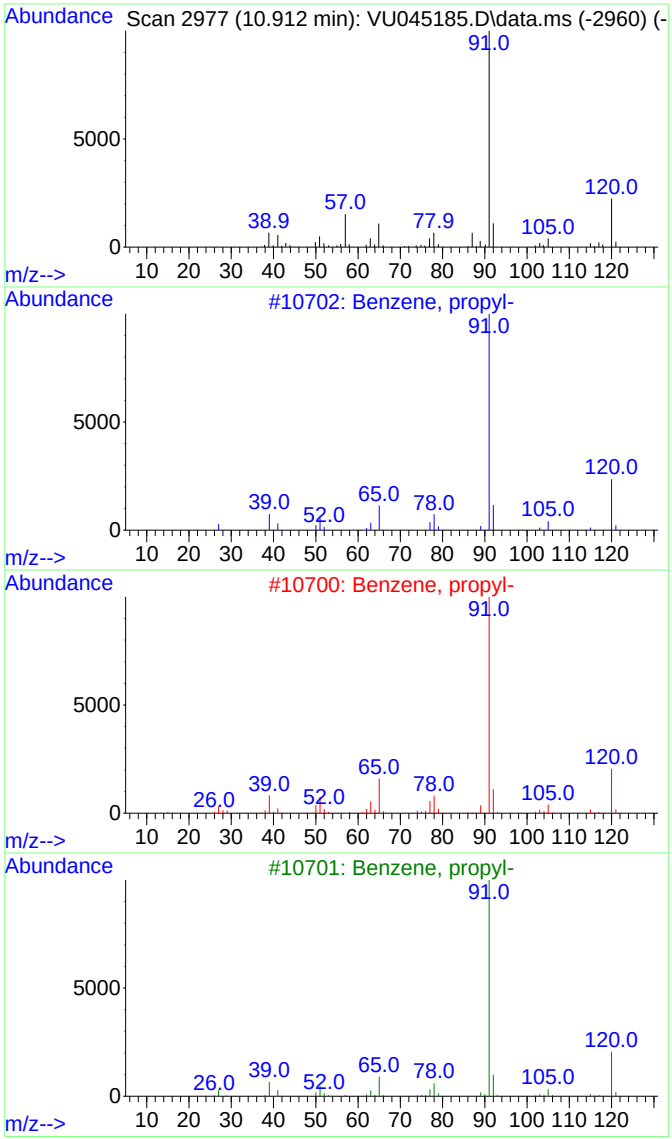
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

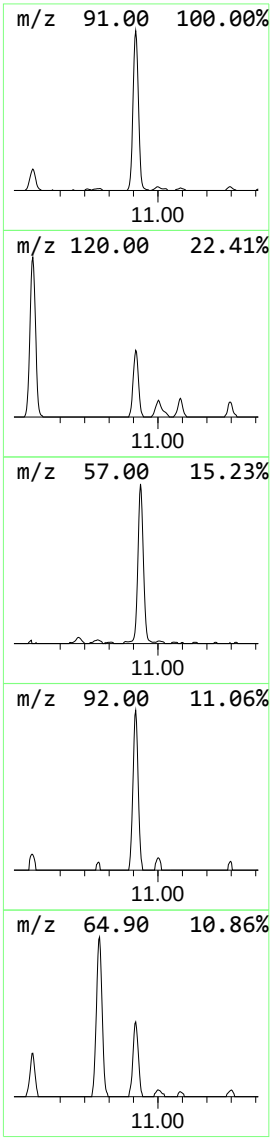
****

Peak Number 7 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.912	5.56 ug/L	145945	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	76
3	Benzene, propyl-	120	C9H12	000103-65-1	76
4	Benzene, propyl-	120	C9H12	000103-65-1	68
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59





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Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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

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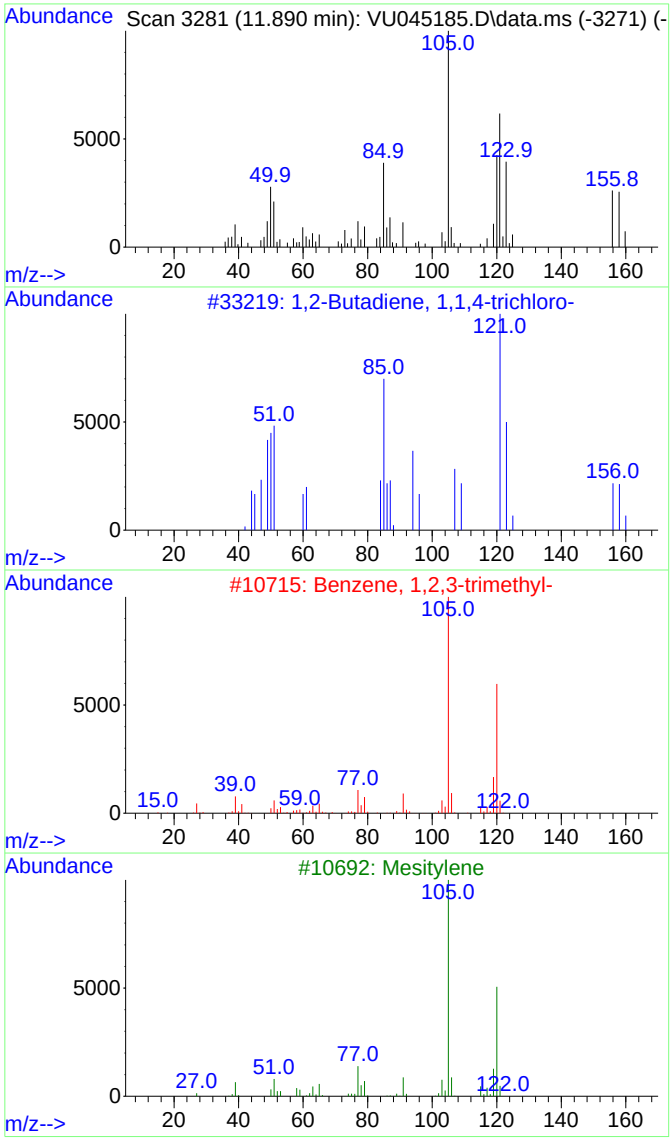
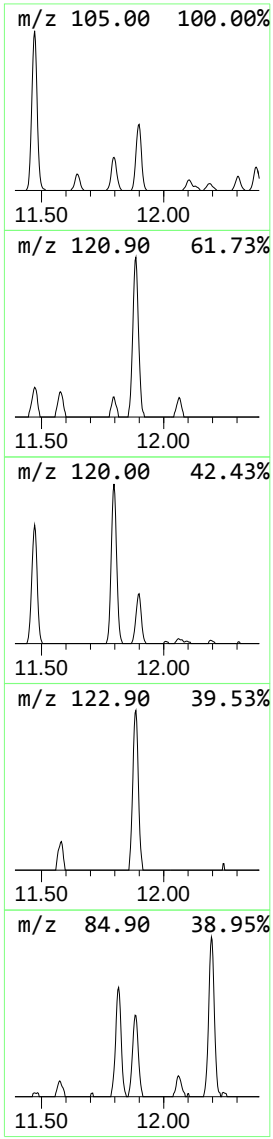
Peak Number 8 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	2.87 ug/L	75255	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Butadiene, 1,1,4-trichloro-	156	C4H3Cl3	058679-08-6	49
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	35
3	Mesitylene	120	C9H12	000108-67-8	35
4	Mesitylene	120	C9H12	000108-67-8	35
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	35





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Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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

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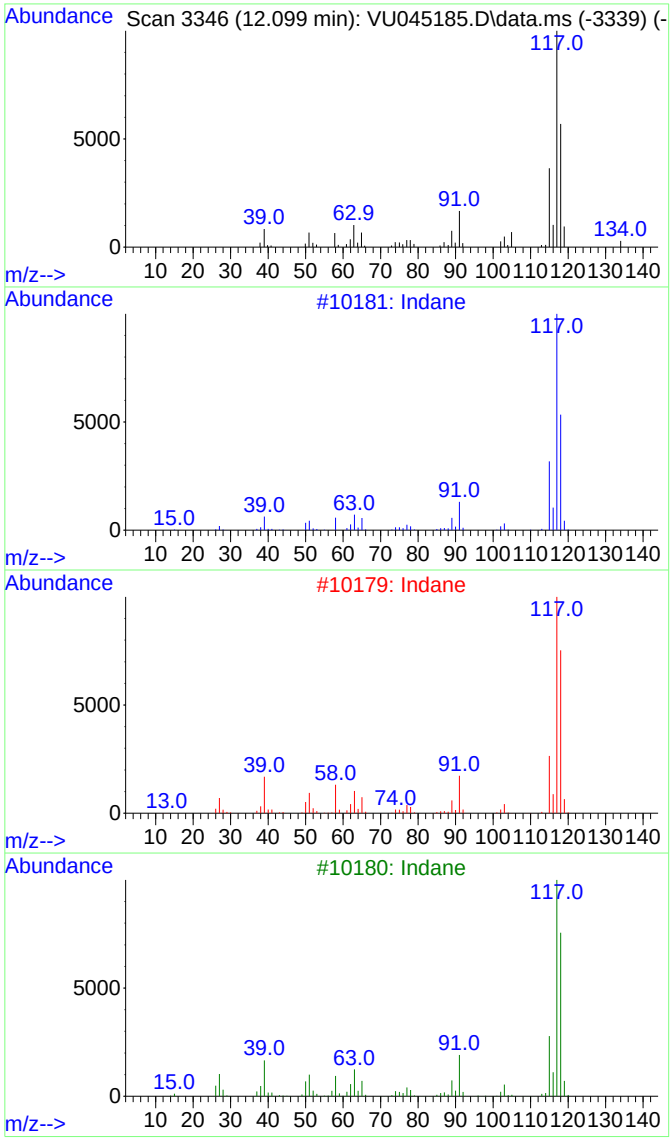
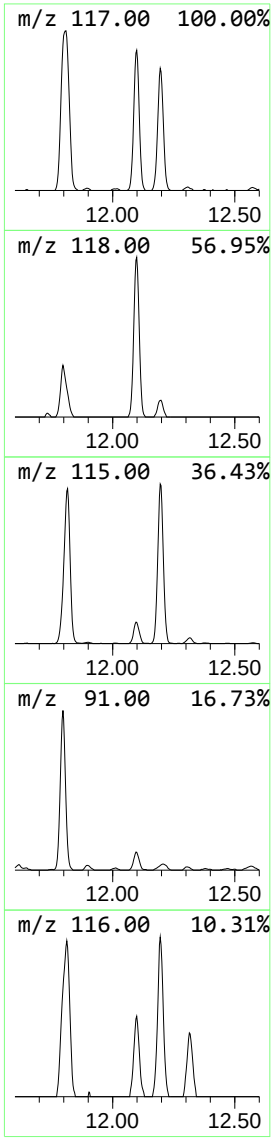
Peak Number 9 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.099	3.92 ug/L	102920	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	90
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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

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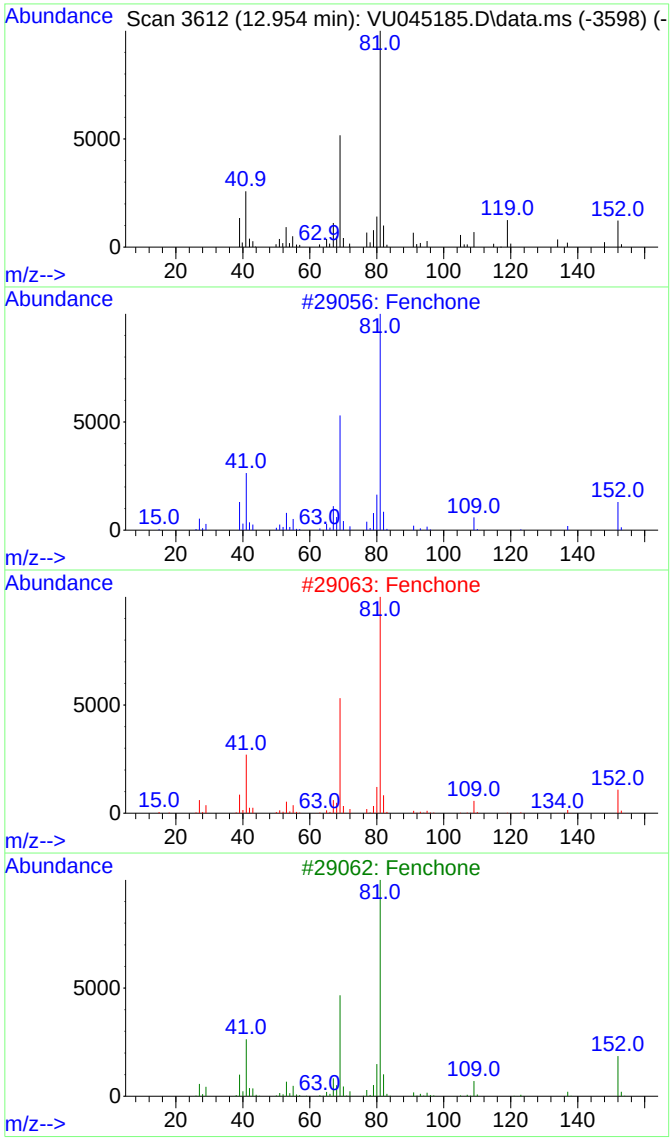
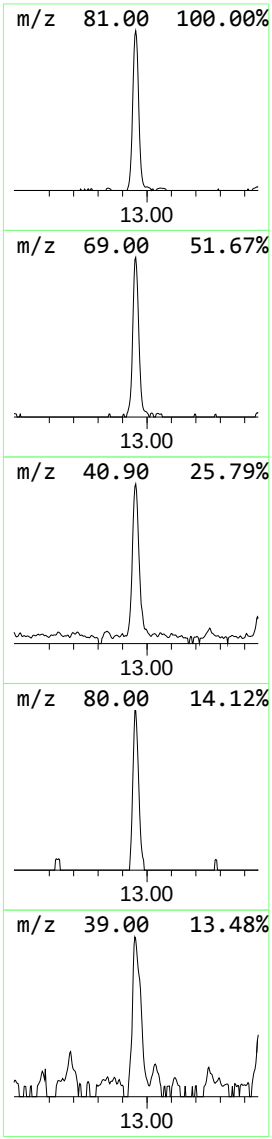
Peak Number 10 Fenchone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.954	4.13 ug/L	108235	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	94
2	Fenchone	152	C10H16O	001195-79-5	90
3	Fenchone	152	C10H16O	001195-79-5	87
4	L-Fenchone	152	C10H16O	007787-20-4	87
5	L-Fenchone	152	C10H16O	007787-20-4	87





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Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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

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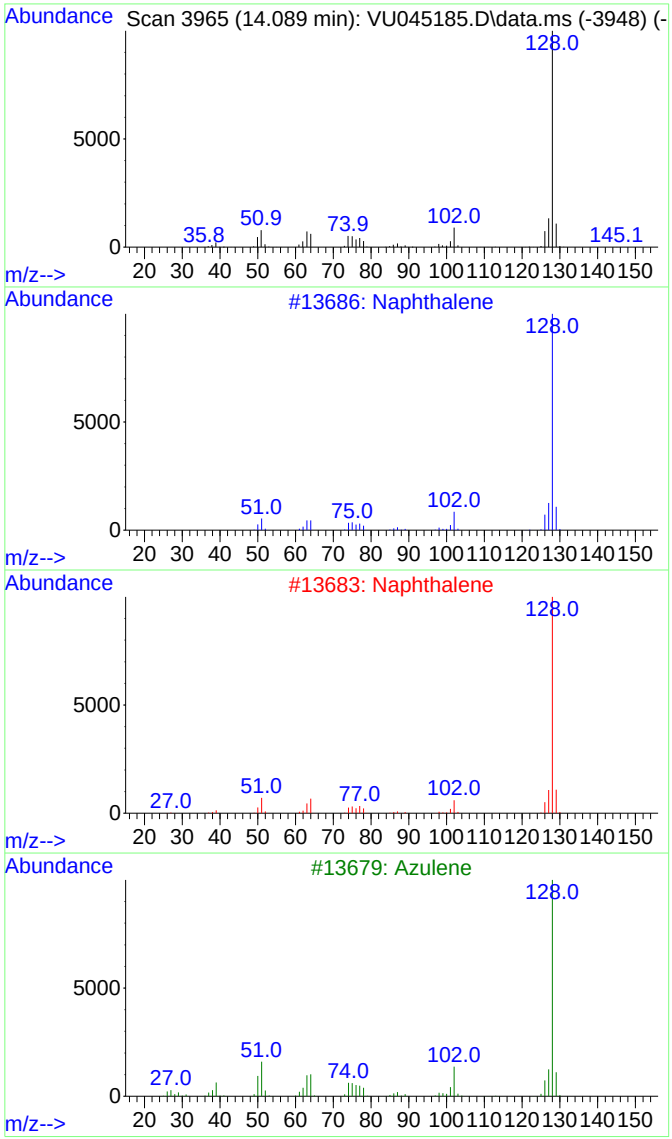
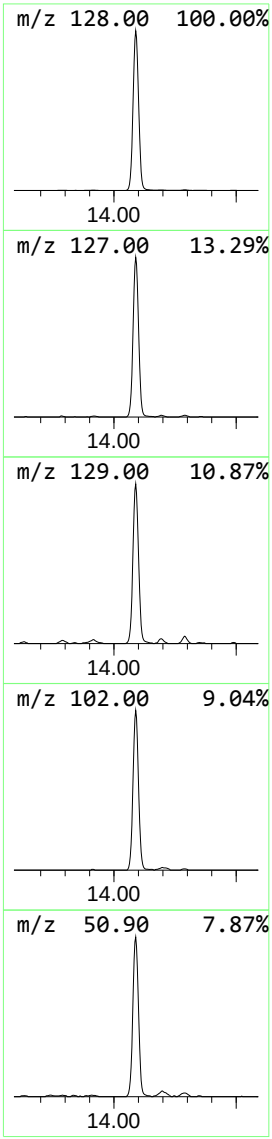
Peak Number 11 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.089	38.97 ug/L	1022190	1,4-Dichlorobenzene-d4	11.816

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	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\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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

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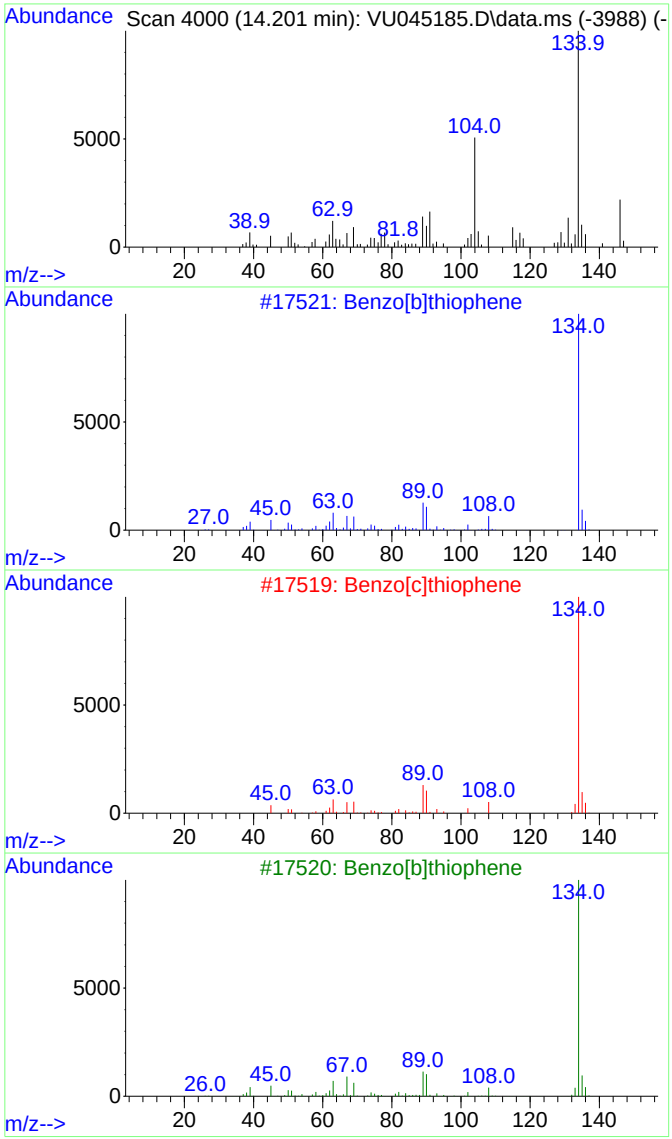
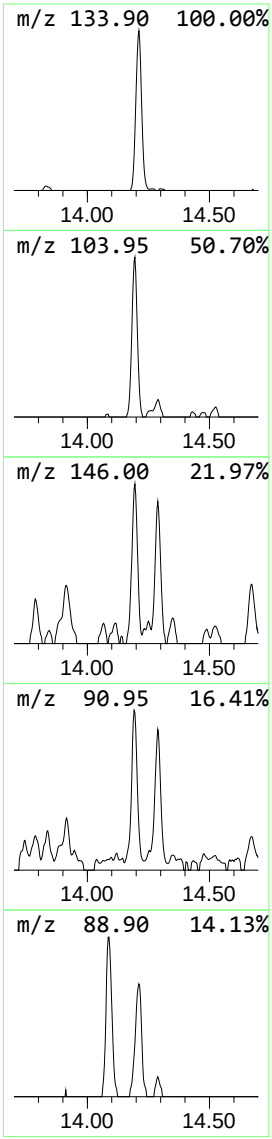
Peak Number 12 Benzo[b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	3.65 ug/L	95647	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	90
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	60
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	60
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	60





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Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM3

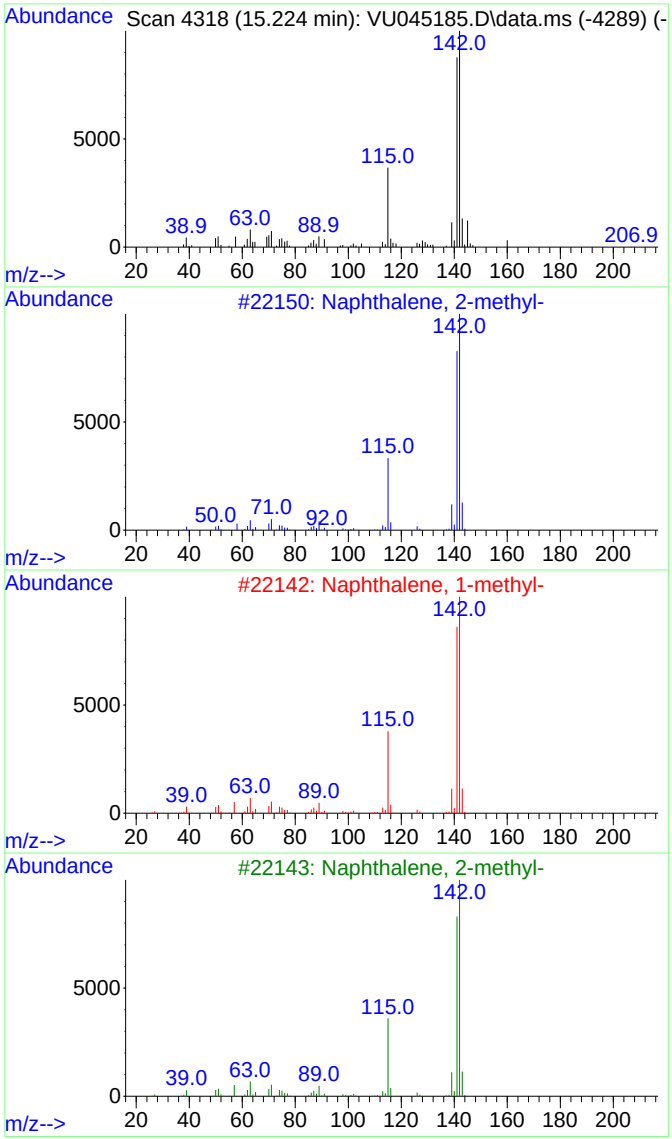
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

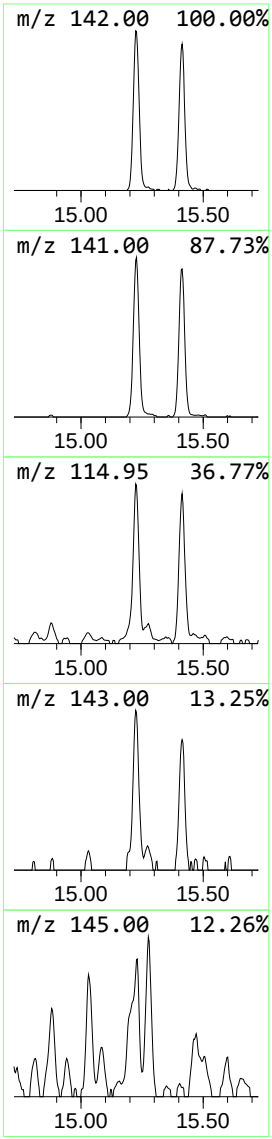
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.224	4.58 ug/L	120261	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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

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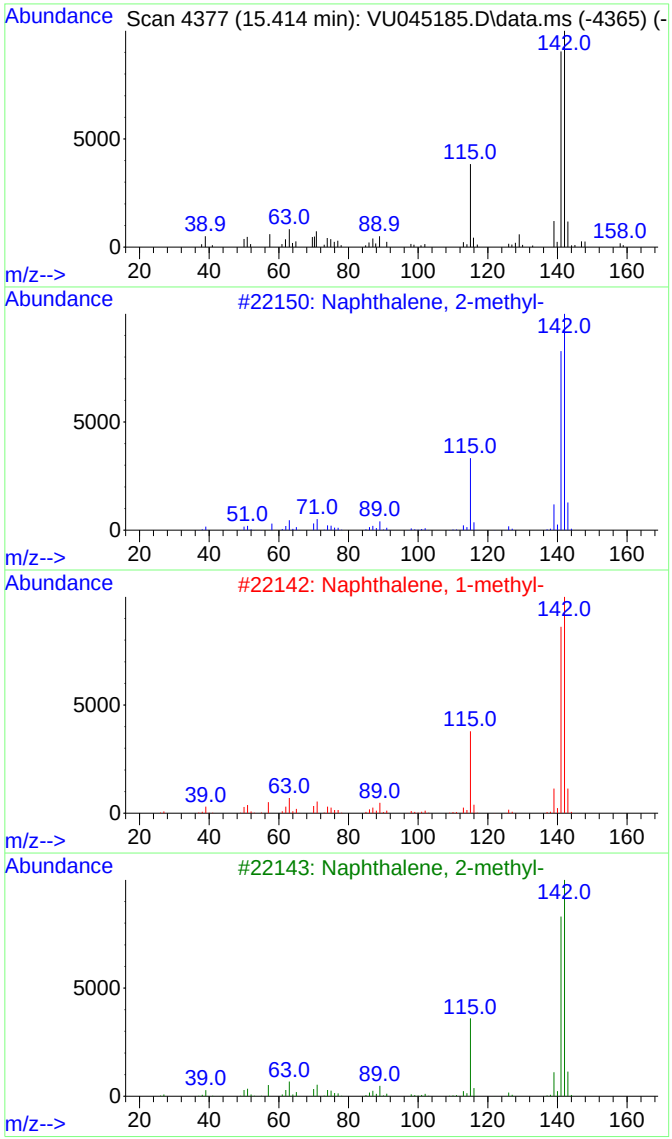
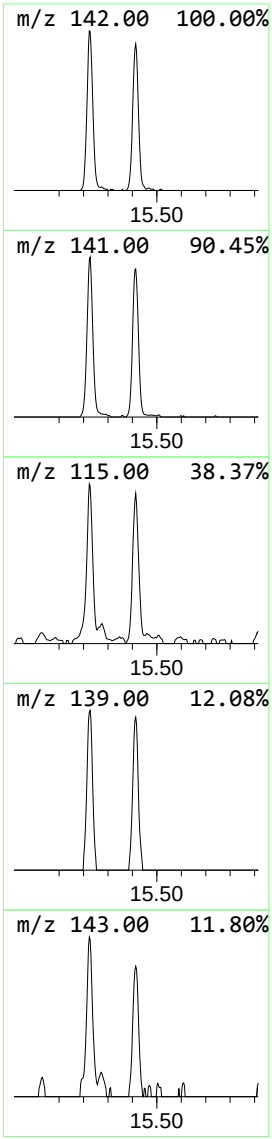
Peak Number 14 Benzocycloheptatriene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.414	3.58 ug/L	93935	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045185.D
Acq On : 06 Oct 2021 15:03
Operator : SY/MD
Sample : M4024-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.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	1.469	36.3	ug/L	507589	1	6.253	699822	50.0
2-Butyne	2.240	7.8	ug/L	109881	1	6.253	699822	50.0
Dimethyl sulfide	2.687	4.4	ug/L	61890	1	6.253	699822	50.0
1,4-Dioxane	6.967	4.4	ug/L	61033	1	6.253	699822	50.0
Formic acid, 1,...	9.764	4.2	ug/L	73864	2	9.420	880921	50.0
Benzene, propyl-	10.912	5.6	ug/L	145945	3	11.816	1311540	50.0
unknown-01	11.890	2.9	ug/L	75255	3	11.816	1311540	50.0
Indane	12.099	3.9	ug/L	102920	3	11.816	1311540	50.0
Fenchone	12.954	4.1	ug/L	108235	3	11.816	1311540	50.0
Azulene	14.089	39.0	ug/L	1022190	3	11.816	1311540	50.0
Benzo[b]thiophene	14.201	3.6	ug/L	95647	3	11.816	1311540	50.0
Naphthalene, 1-...	15.224	4.6	ug/L	120261	3	11.816	1311540	50.0
Benzocyclohepta...	15.414	3.6	ug/L	93935	3	11.816	1311540	50.0