LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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: VU0451180.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.362	3	7	24	rVB3	14939	19844	0.02%	0.010%
2	1.475	34	42	53	rBV2	14309	34934	0.03%	0.018%
3	1.604	73	82	95	rBV	1670089	1835312	1.43%	0.967%
4	1.732	116	122	142	rVB2	42282	60755	0.05%	0.032%
5	1.906	167	176	196	rVB	123283	179740	0.14%	0.095%
6	2.166	251	257	269	rVB2	12631	18021	0.01%	0.009%
7	2.243	271	281	300	rVB	239318	345570	0.27%	0.182%
8	2.472	345	352	367	rVB3	6059	10872	0.01%	0.006%
9	2.581	369	386	412	rBV	1742132	3496861	2.72%	1.842%
10	2.687	413	419	436	rVB	33176	59546	0.05%	0.031%
11	2.803	438	455	485	rBV	41335	166411	0.13%	0.088%
12	3.050	521	532	549	rVB	77403	157999	0.12%	0.083%
13	3.189	564	575	596	rVB	34418	81612	0.06%	0.043%
14	3.366	613	630	675	rBV	485329	1396425	1.09%	0.736%
15	3.703	724	735	755	rVB7	4718	11030	0.01%	0.006%
16	3.877	768	789	822	rBV	492803	1271513	0.99%	0.670%
17	4.575	981	1006	1016	rBV2	33435	90142	0.07%	0.047%
18	4.677	1016	1038	1093	rBV3	48709349	128390125	100.00%	67.643%
19	5.070	1147	1160	1187	rVB	218028	514558	0.40%	0.271%
20	5.324	1219	1239	1273	rVB	8875414	19797783	15.42%	10.431%
21	5.729	1344	1365	1378	rBV2	495831	1330987	1.04%	0.701%
22	6.156	1486	1498	1513	rVB2	7703	17377	0.01%	0.009%
23	6.253	1513	1528	1550	rBV	376122	702938	0.55%	0.370%
24	6.546	1593	1619	1651	rBV	1734010	3542010	2.76%	1.866%
25	6.697	1651	1666	1681	rVV	302228	591485	0.46%	0.312%
26	6.767	1683	1688	1693	rVV6	9099	15609	0.01%	0.008%
27	6.809	1694	1701	1712	rVV4	13708	26184	0.02%	0.014%
28	6.964	1737	1749	1770	rBV	98085	188932	0.15%	0.100%
29	7.182	1803	1817	1828	rVB6	2848	5697	0.00%	0.003%
30	7.253	1828	1839	1852	rBV3	11878	20871	0.02%	0.011%
31	7.568	1923	1937	1951	rBV	164947	284078	0.22%	0.150%
32	7.796	1996	2008	2020	rBV	29317	50338	0.04%	0.027%
33	7.902	2020	2041	2053	rBV	579727	987299	0.77%	0.520%
34	7.973	2053	2063	2074	rVV	223046	378326	0.29%	0.199%
35	8.034	2074	2082	2096	rVB2	17157	31891	0.02%	0.017%
36	8.182	2116	2128	2142	rBV	114373	189012	0.15%	0.100%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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	8.404	2180	2197	2214	rBV	127886	220593	0.17%	0.116%
38	8.491	2214	2224	2235	rVB3	8962	14944	0.01%	0.008%
39	8.635	2255	2269	2294	rBV	464759	797363	0.62%	0.420%
40	8.787	2306	2316	2327	rBV6	6326	12376	0.01%	0.007%
41	8.867	2336	2341	2351	rVB6	4135	6244	0.00%	0.003%
42	9.047	2386	2397	2408	rVB	18248	28941	0.02%	0.015%
43	9.169	2425	2435	2450	rVB7	2010	4114	0.00%	0.002%
44	9.279	2460	2469	2475	rBV5	5294	8834	0.01%	0.005%
45	9.324	2475	2483	2494	rVB7	5553	10758	0.01%	0.006%
46	9.420	2500	2513	2533	rBV	563019	915090	0.71%	0.482%
47	9.574	2536	2561	2584	rVV	1602545	2559133	1.99%	1.348%
48	9.697	2584	2599	2612	rVV	7714202	12223034	9.52%	6.440%
49	9.761	2612	2619	2644	rVB	109349	219174	0.17%	0.115%
50	10.102	2711	2725	2740	rVV	869240	1374035	1.07%	0.724%
51	10.172	2741	2747	2756	rVB3	3894	6737	0.01%	0.004%
52	10.240	2756	2768	2776	rBV5	4158	7852	0.01%	0.004%
53	10.487	2829	2845	2859	rBV	387661	608674	0.47%	0.321%
54	10.578	2862	2873	2888	rVV	27938	57897	0.05%	0.031%
55	10.761	2917	2930	2944	rVV	438740	705896	0.55%	0.372%
56	10.819	2945	2948	2958	rVB5	5908	8046	0.01%	0.004%
57	10.909	2958	2976	2995	rBV2	210223	457273	0.36%	0.241%
58	10.999	2996	3004	3021	rVB	35922	68843	0.05%	0.036%
59	11.092	3021	3033	3048	rBV2	25558	43459	0.03%	0.023%
60	11.295	3086	3096	3111	rVB	26983	43920	0.03%	0.023%
61	11.471	3139	3151	3166	rVB	185836	302291	0.24%	0.159%
62	11.577	3177	3184	3190	rBV5	4683	6850	0.01%	0.004%
63	11.613	3190	3195	3197	rVV2	4150	4710	0.00%	0.002%
64	11.642	3198	3204	3215	rVB2	13350	21123	0.02%	0.011%
65	11.812	3242	3257	3272	rBV	558605	923619	0.72%	0.487%
66	11.896	3272	3283	3295	rBV	55579	97069	0.08%	0.051%
67	12.018	3313	3321	3329	rVB3	11021	16487	0.01%	0.009%
68	12.098	3329	3346	3360	rBV2	112966	183067	0.14%	0.096%
69	12.195	3363	3376	3389	rBV	570187	919996	0.72%	0.485%
70	12.304	3401	3410	3423	rVB2	10390	15662	0.01%	0.008%
71	12.381	3425	3434	3447	rVB	16284	24950	0.02%	0.013%
72	12.465	3451	3460	3467	rBV4	8134	14305	0.01%	0.008%
73	12.574	3482	3494	3502	rBV	25281	37536	0.03%	0.020%
74	12.687	3519	3529	3548	rVB3	28621	57346	0.04%	0.030%
75	12.825	3560	3572	3578	rVV6	3959	6944	0.01%	0.004%
76	12.870	3579	3586	3597	rVB4	6761	11561	0.01%	0.006%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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

77	12.973	3601	3618	3628	rBV2	38319	91347	0.07%	0.048%
78	13.034	3629	3637	3647	rVB4	9006	15525	0.01%	0.008%
79	13.118	3654	3663	3672	rVB5	5435	8187	0.01%	0.004%
80	13.256	3694	3706	3713	rBV3	9817	13888	0.01%	0.007%
81	13.298	3713	3719	3724	rVV	4255	4630	0.00%	0.002%
82	13.407	3742	3753	3759	rBV6	8626	13642	0.01%	0.007%
83	13.452	3759	3767	3779	rVB3	29917	46830	0.04%	0.025%
84	13.520	3779	3788	3797	rVB6	9571	16409	0.01%	0.009%
85	13.741	3846	3857	3865	rBV4	13528	23479	0.02%	0.012%
86	13.786	3865	3871	3879	rVB3	7593	10588	0.01%	0.006%
87	13.835	3879	3886	3895	rBV2	8892	12974	0.01%	0.007%
88	13.889	3895	3903	3905	rBV3	3284	4197	0.00%	0.002%
89	13.915	3905	3911	3918	rVB2	9581	12079	0.01%	0.006%
90	14.089	3951	3965	3983	rVV	26382	46755	0.04%	0.025%
91	14.195	3988	3998	4011	rVB3	19030	29446	0.02%	0.016%
92	14.288	4018	4027	4037	rVV	22453	36532	0.03%	0.019%
93	14.671	4137	4146	4159	rBV2	9190	16351	0.01%	0.009%
94	14.809	4180	4189	4197	rBV3	5910	8977	0.01%	0.005%
95	14.880	4203	4211	4221	rVB4	6940	10930	0.01%	0.006%
96	15.027	4247	4257	4266	rBV6	3684	6270	0.00%	0.003%
97	15.201	4303	4311	4313	rBV5	3540	4099	0.00%	0.002%
98	15.275	4327	4334	4343	rVB6	4677	7003	0.01%	0.004%
99	15.413	4367	4377	4387	rBV7	5805	10539	0.01%	0.006%
100	15.925	4525	4536	4545	rBV8	3010	5405	0.00%	0.003%

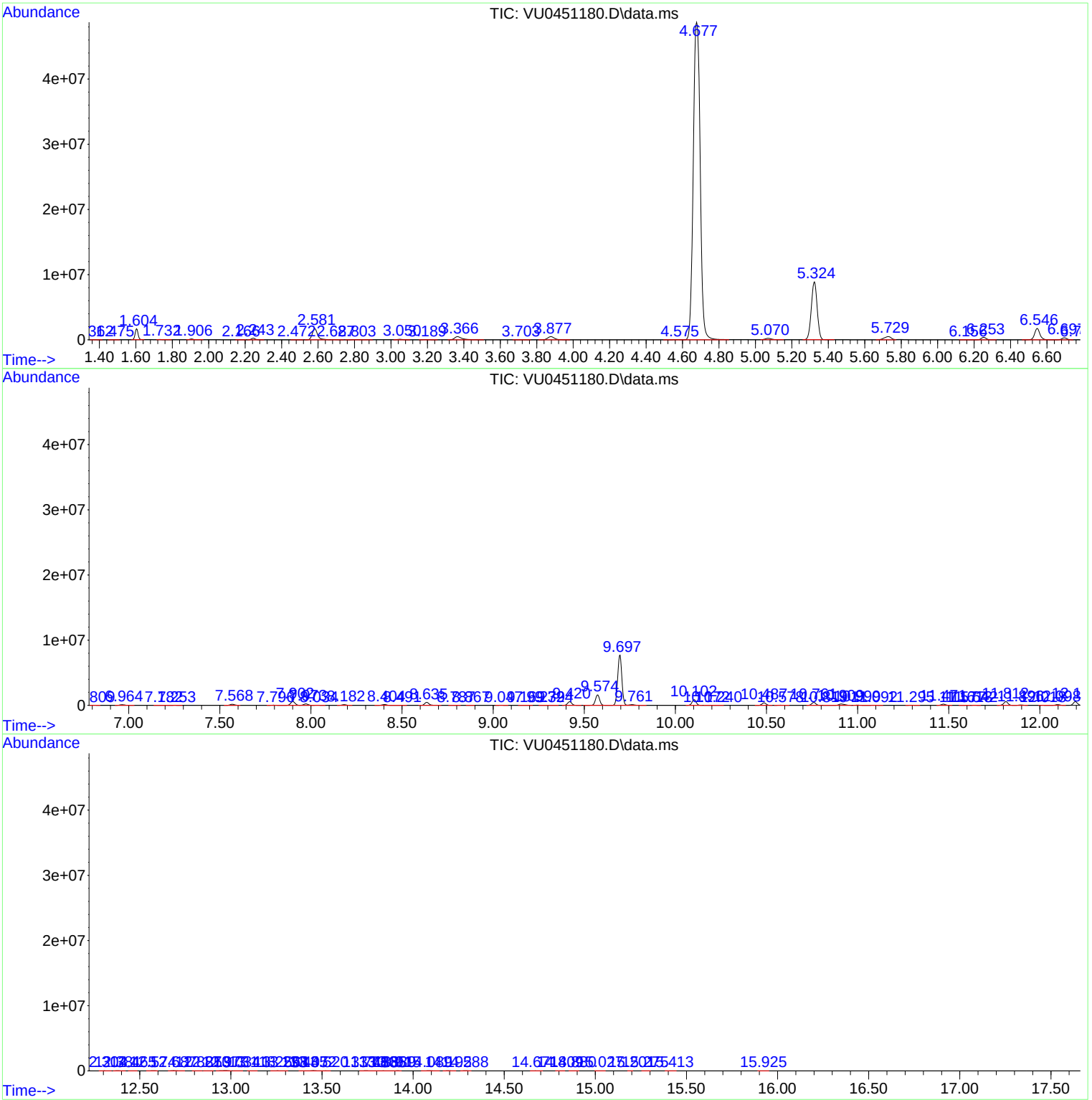
Sum of corrected areas: 189804915

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM2

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

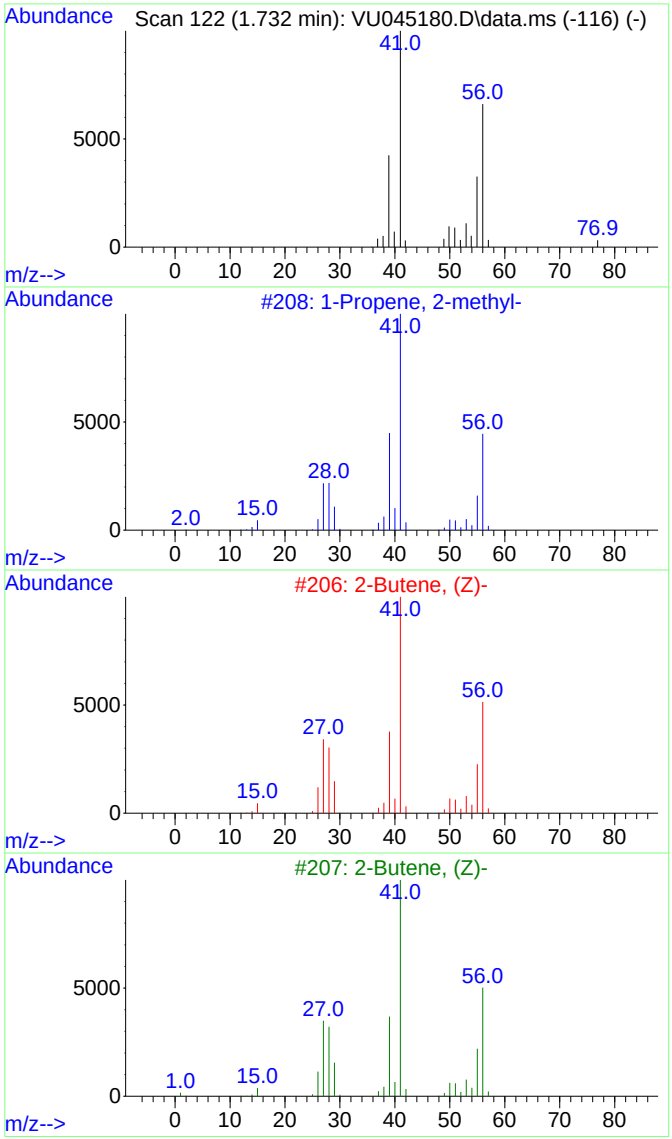
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

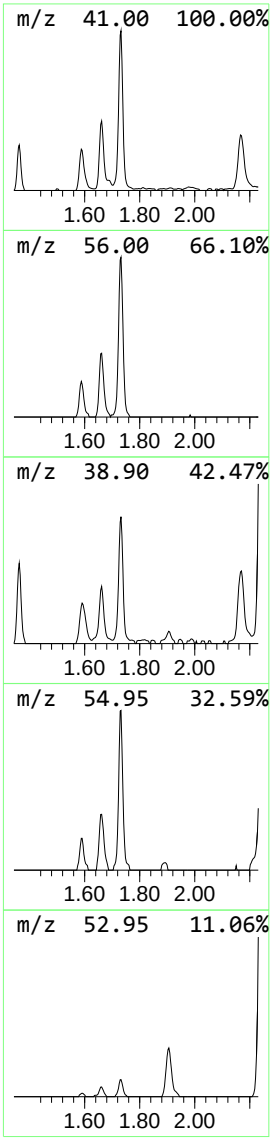
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.732	4.32 ug/L	60755	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
2	2-Butene, (Z)-	56	C4H8	000590-18-1	74
3	2-Butene, (Z)-	56	C4H8	000590-18-1	72
4	2-Butene, (E)-	56	C4H8	000624-64-6	72
5	2-Butene	56	C4H8	000107-01-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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

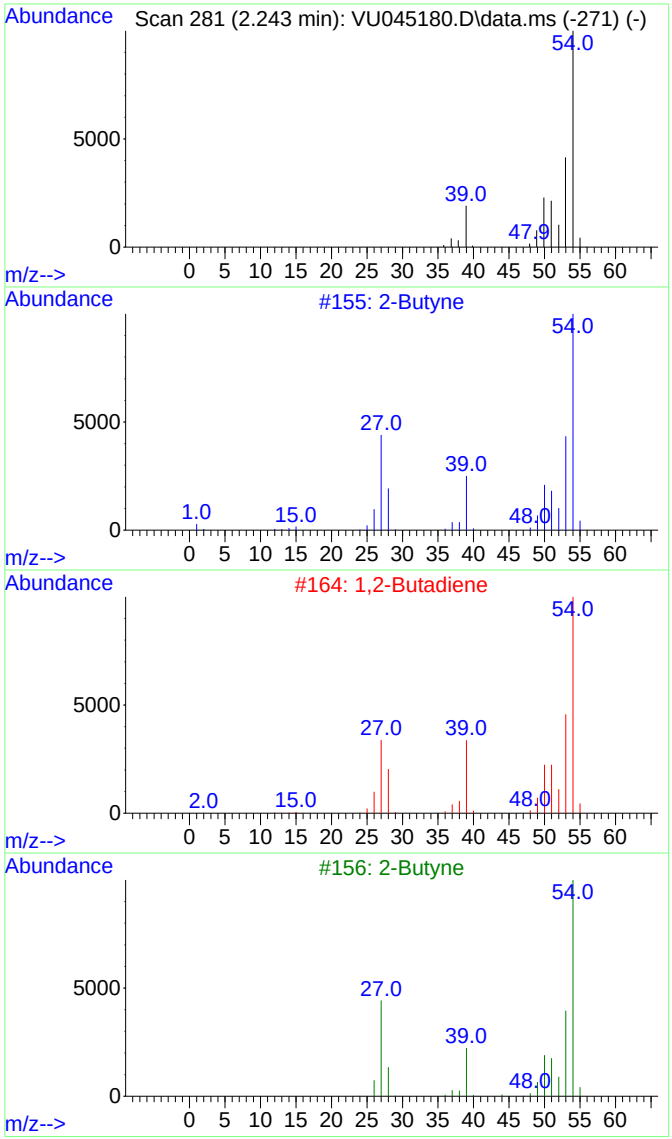
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

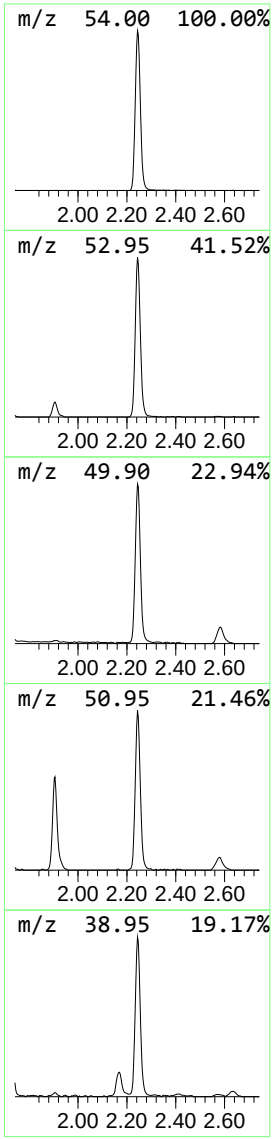
****

Peak Number 2 2-Butyne Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.243	24.58 ug/L	345570	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne	54	C4H6	000503-17-3	87
2	1,2-Butadiene	54	C4H6	000590-19-2	86
3	2-Butyne	54	C4H6	000503-17-3	86
4	2-Butyne	54	C4H6	000503-17-3	86
5	1,2-Butadiene	54	C4H6	000590-19-2	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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

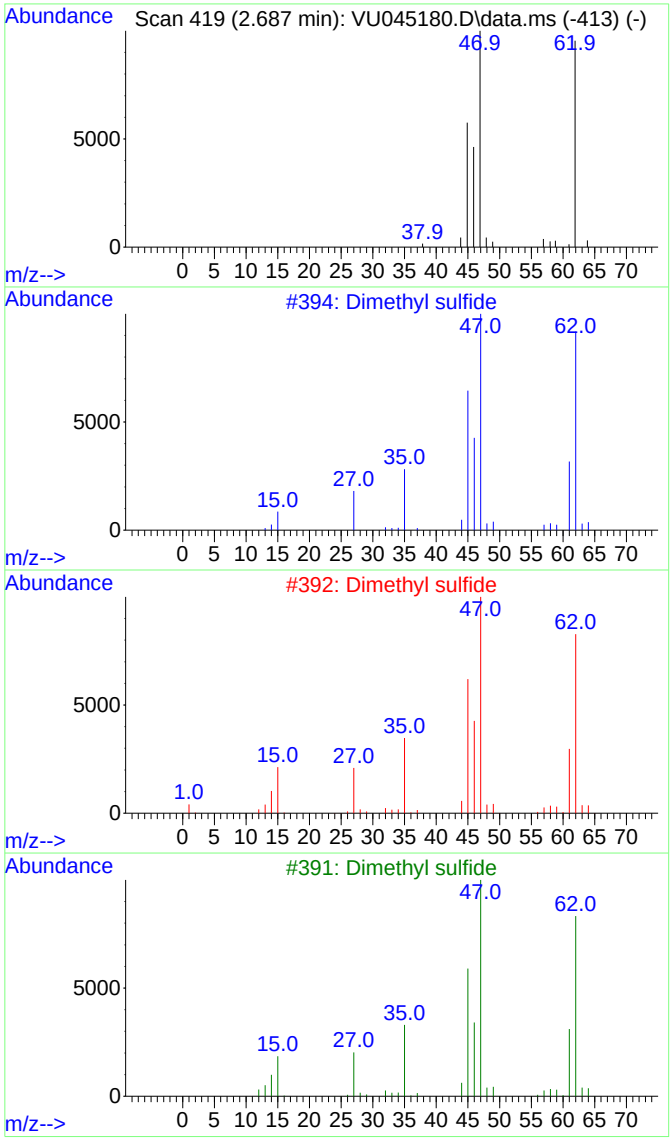
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

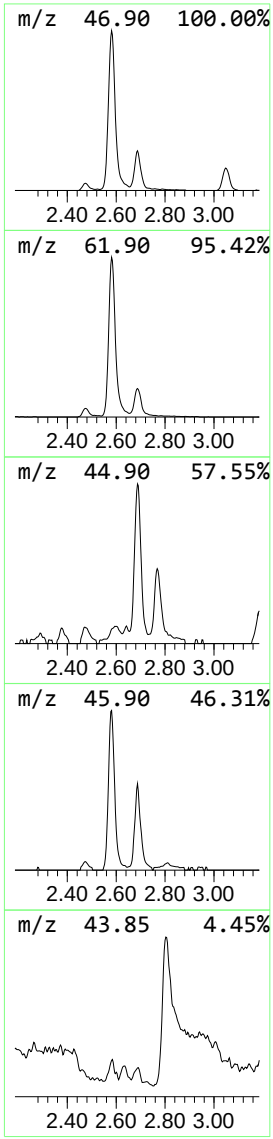
****

Peak Number 3 Dimethyl sulfide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.687	4.24 ug/L	59546	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2	Dimethyl sulfide	62	C2H6S	000075-18-3	90
3	Dimethyl sulfide	62	C2H6S	000075-18-3	90
4	Dimethyl sulfide	62	C2H6S	000075-18-3	90
5	Dimethyl sulfide	62	C2H6S	000075-18-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

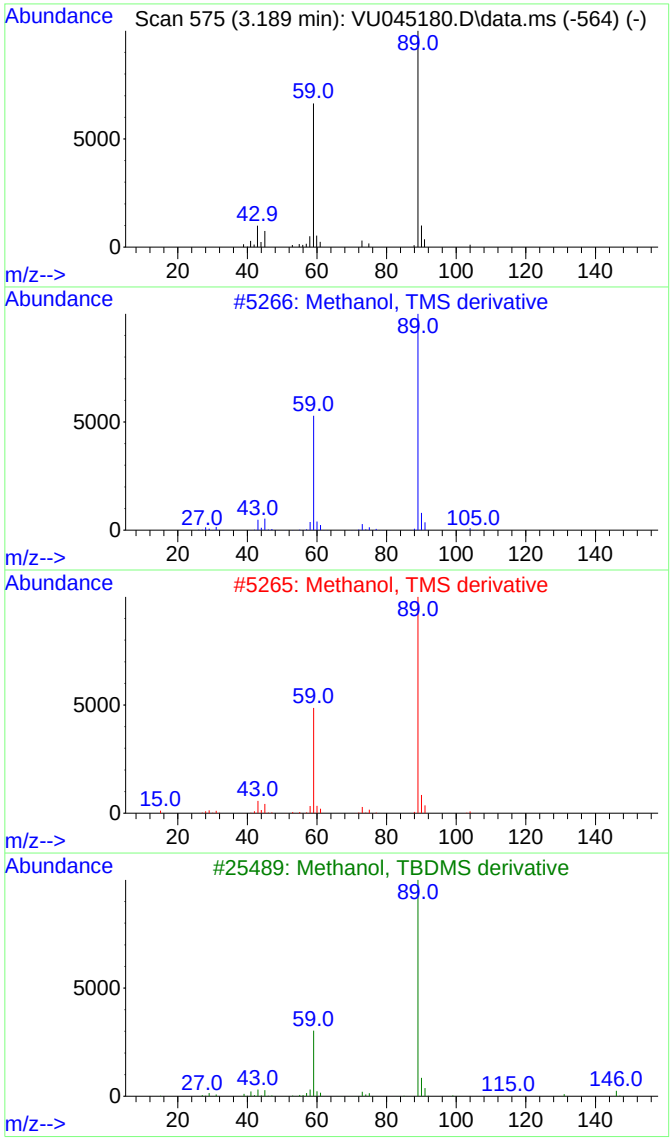
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

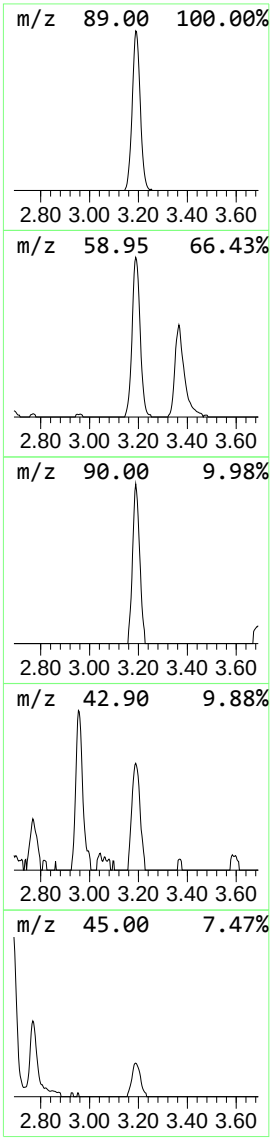
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Methanol, TMS derivative Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.189	5.81 ug/L	81612	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanol, TMS derivative	104	C4H12OSi	001825-61-2	91
2	Methanol, TMS derivative	104	C4H12OSi	001825-61-2	91
3	Methanol, TBDMS derivative	146	C7H18OSi	1000364-10-7	83
4	Ethyl(dimethyl)methoxysilane	118	C5H14OSi	052686-75-6	74
5	Silane, (2-methoxyethyl)trimethyl-	132	C6H16OSi	018173-63-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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

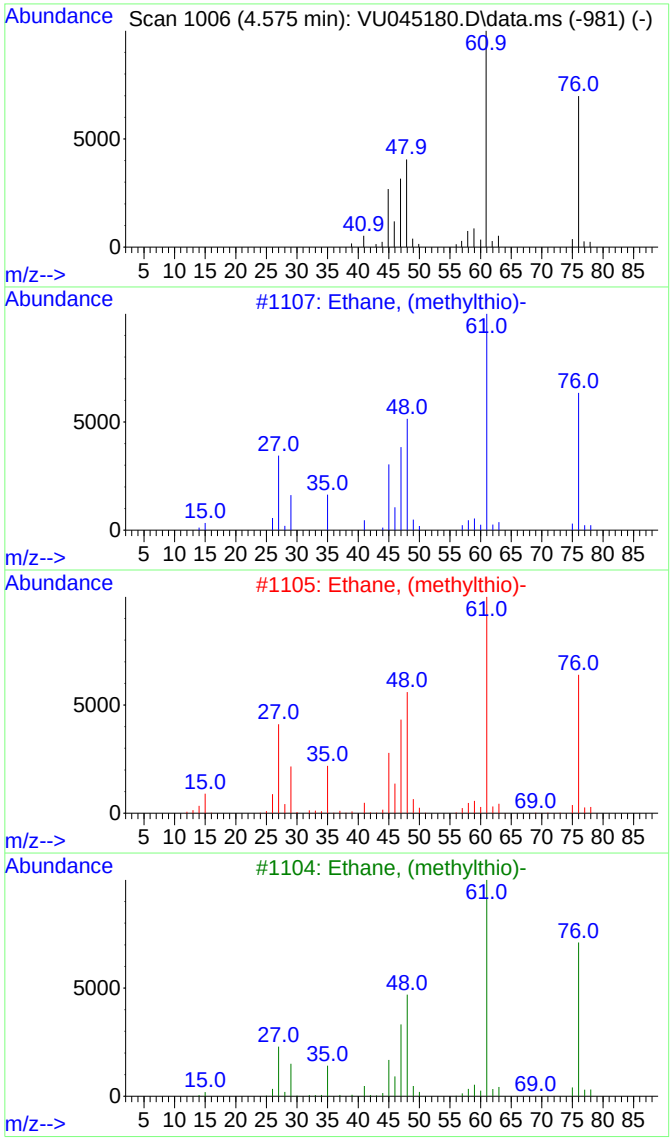
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

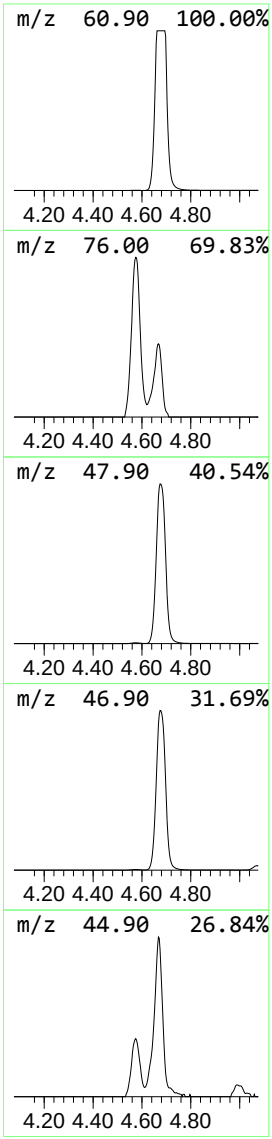
****

Peak Number 5 Ethane, (methylthio)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.575	6.41 ug/L	90142	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, (methylthio)-	76	C3H8S	000624-89-5	97
2	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
3	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
4	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
5	Trimethylphosphine	76	C3H9P	000594-09-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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

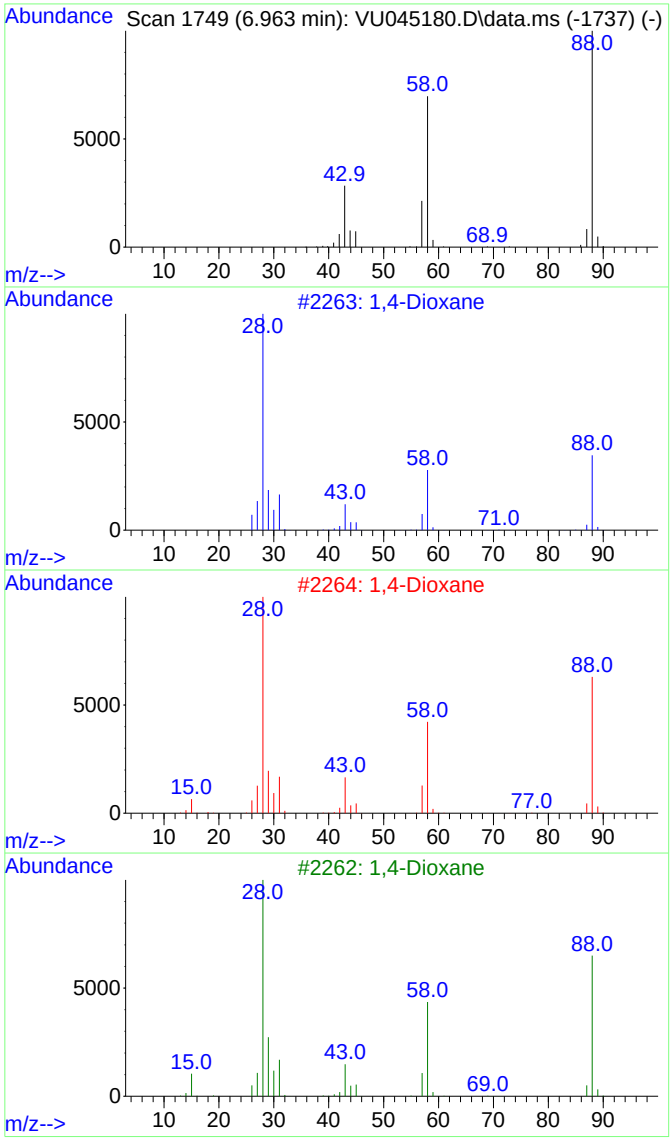
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

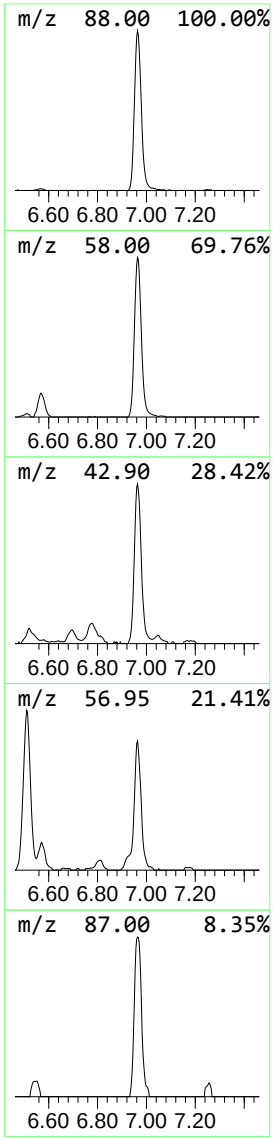
****

Peak Number 6 1,4-Dioxane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	13.44 ug/L	188932	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	90
4	1,4-Dioxane	88	C4H8O2	000123-91-1	80
5	1,4-Dioxane	88	C4H8O2	000123-91-1	64





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Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

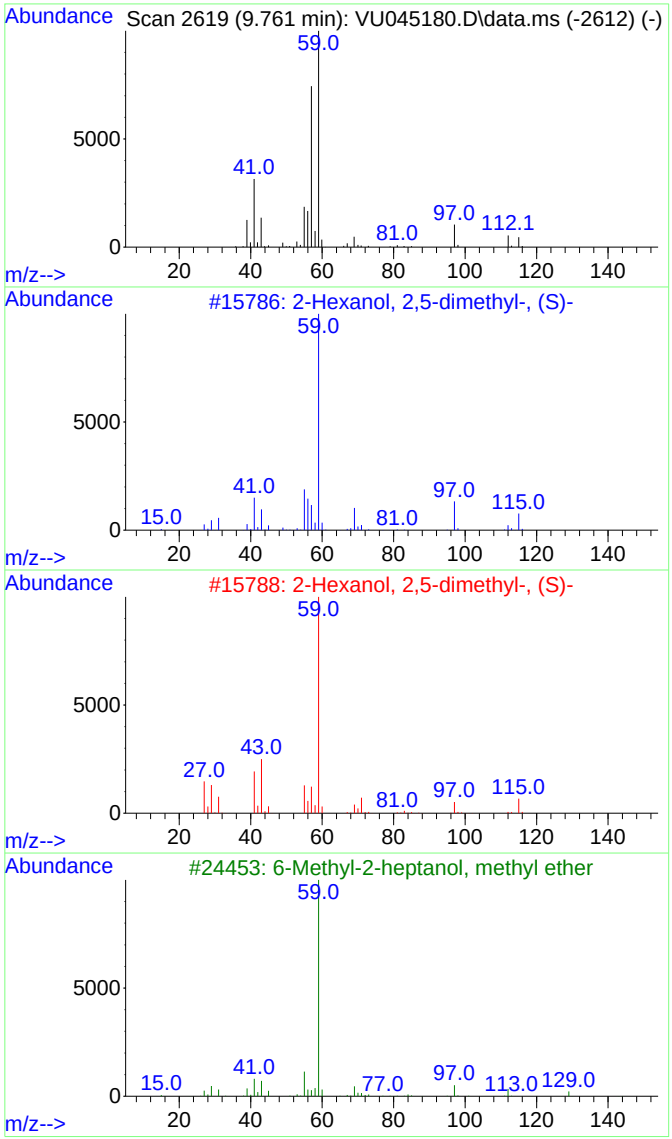
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

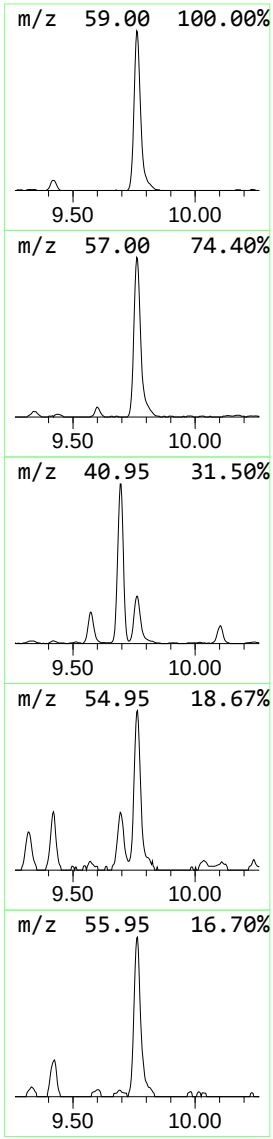
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Hexanol, 2,5-dimethyl-, (S)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.761	11.98 ug/L	219174	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	56
2	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	56
3	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	42
4	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	39
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	38





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Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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

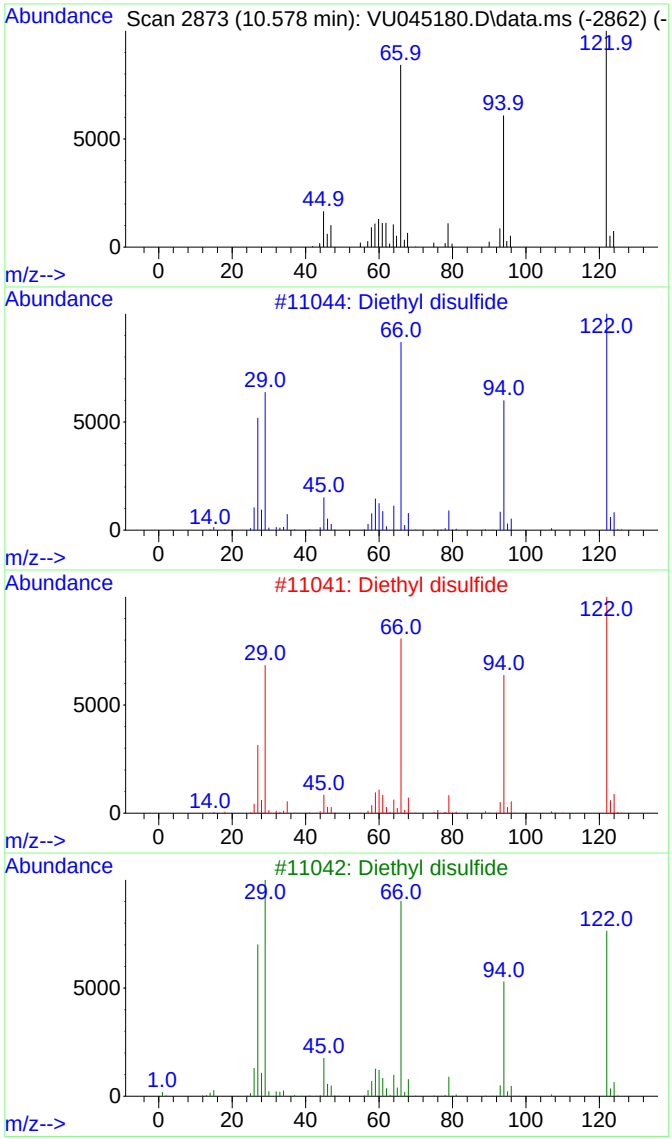
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

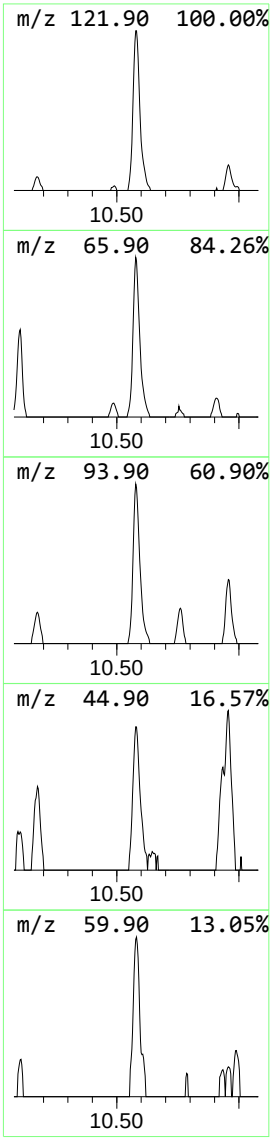
****

Peak Number 9 Diethyl disulfide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.578	3.16 ug/L	57897	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl disulfide	122	C4H10S2	000110-81-6	94
2	Diethyl disulfide	122	C4H10S2	000110-81-6	90
3	Diethyl disulfide	122	C4H10S2	000110-81-6	83
4	5-exo-Methyl-5-norbornenol	124	C8H12O	003212-13-3	47
5	Diethyl sulfone	122	C4H10O2S	000597-35-3	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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

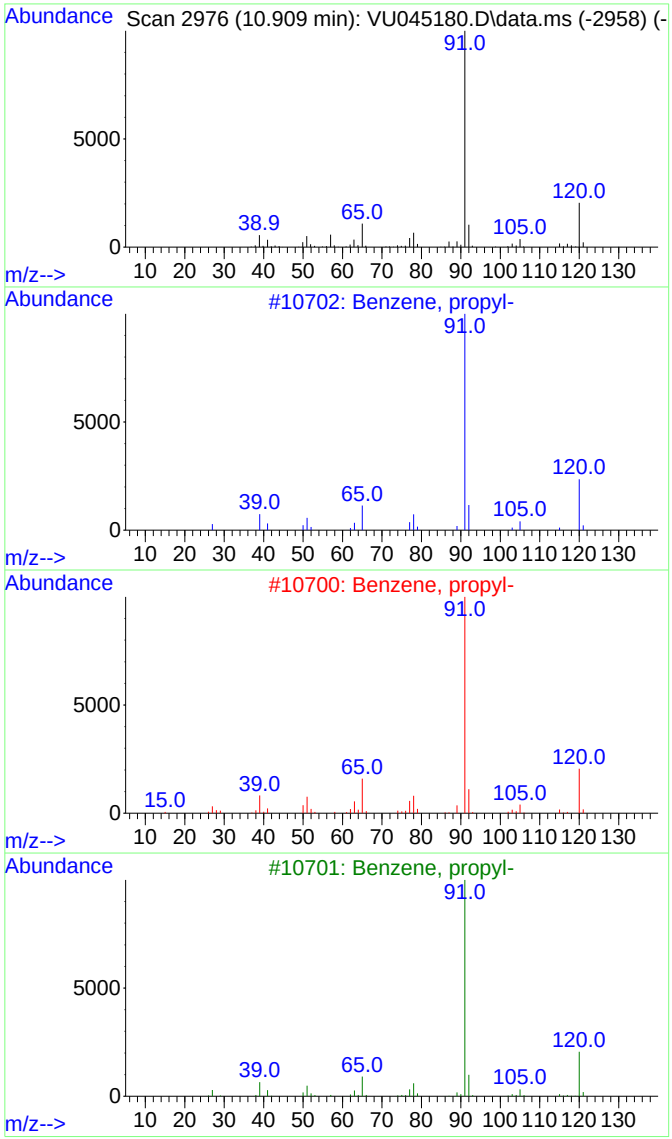
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

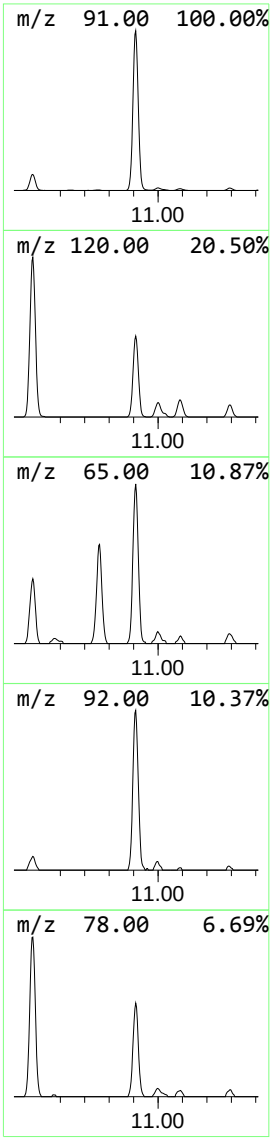
****

Peak Number 10 Benzene, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.909	24.75 ug/L	457273	1,4-Dichlorobenzene-d4	11.815

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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	86
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83





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Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

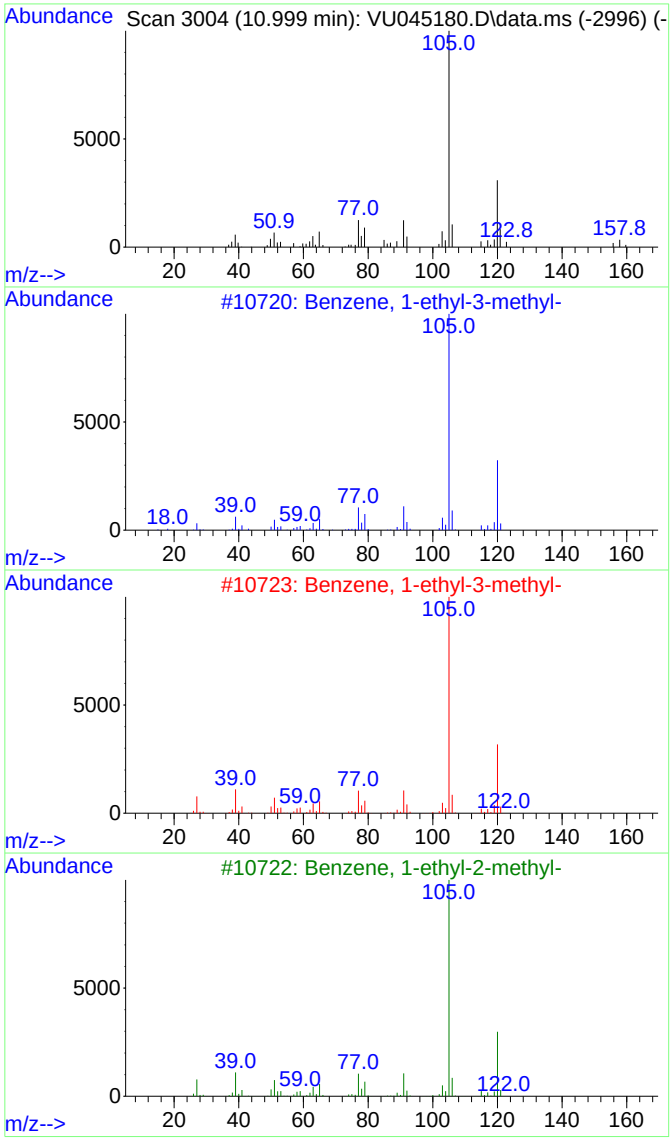
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

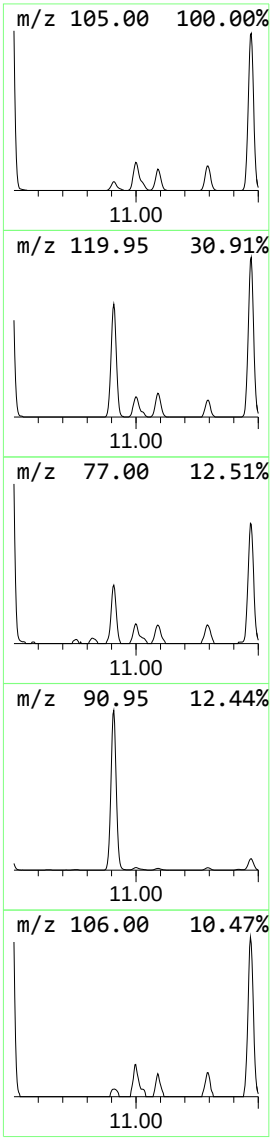
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	3.73 ug/L	68843	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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

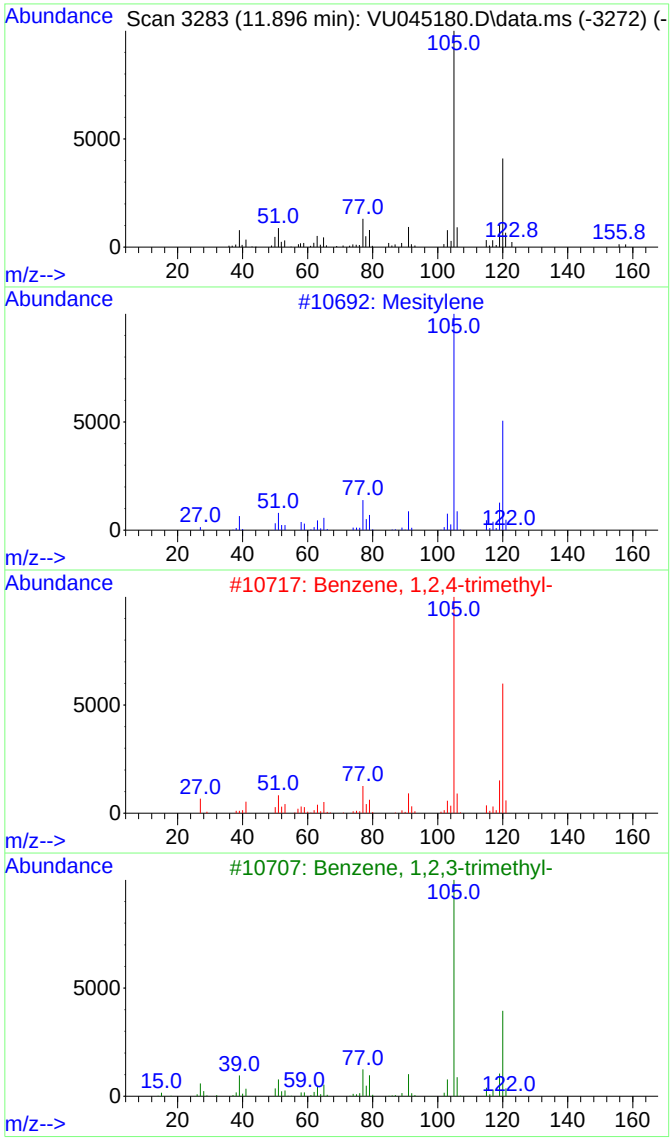
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

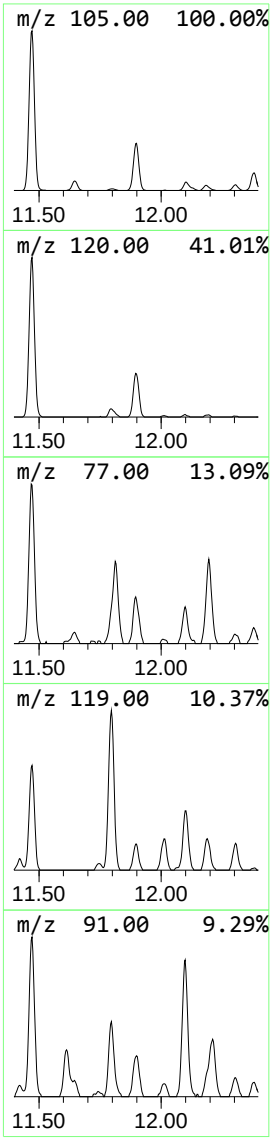
****

Peak Number 12 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	5.25 ug/L	97069	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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

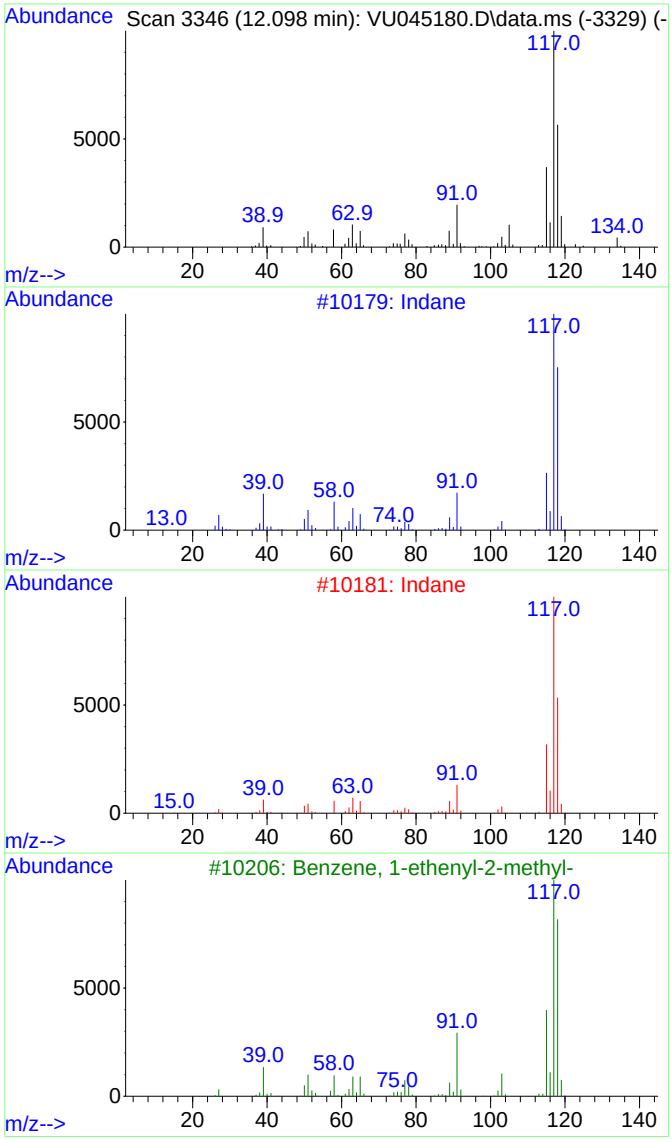
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

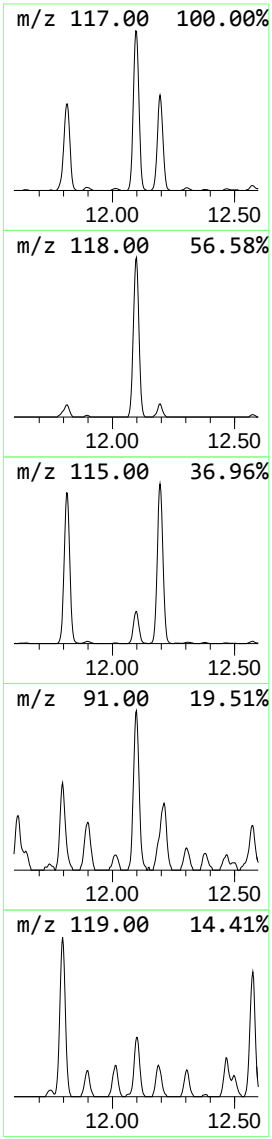
****

Peak Number 13 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	9.91 ug/L	183067	1,4-Dichlorobenzene-d4	11.815

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	Indane	118	C9H10	000496-11-7	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76





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Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

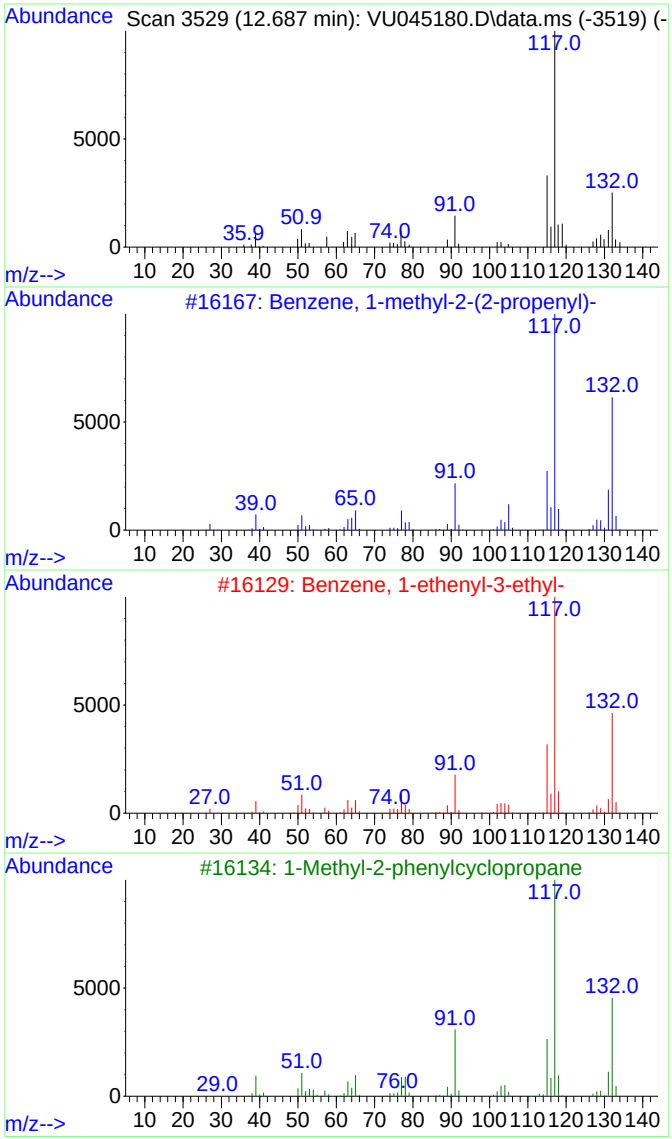
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

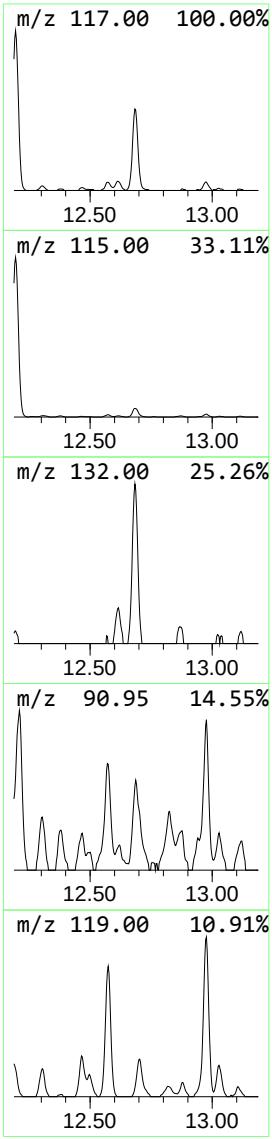
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-2-(2-prop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	3.10 ug/L	57346	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





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Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

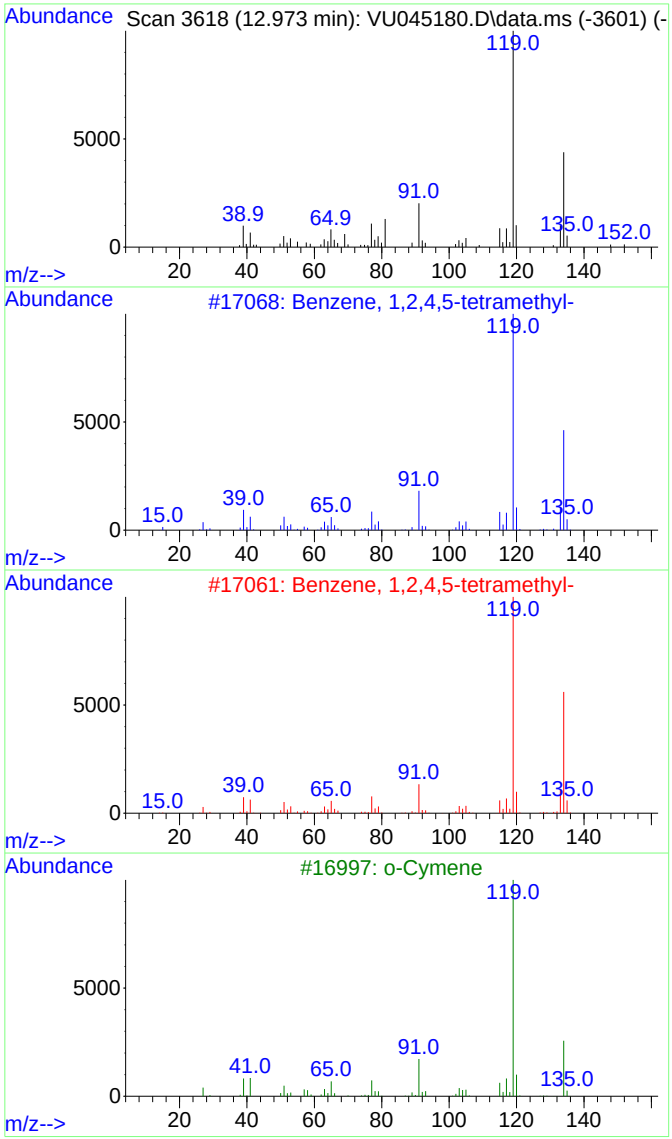
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

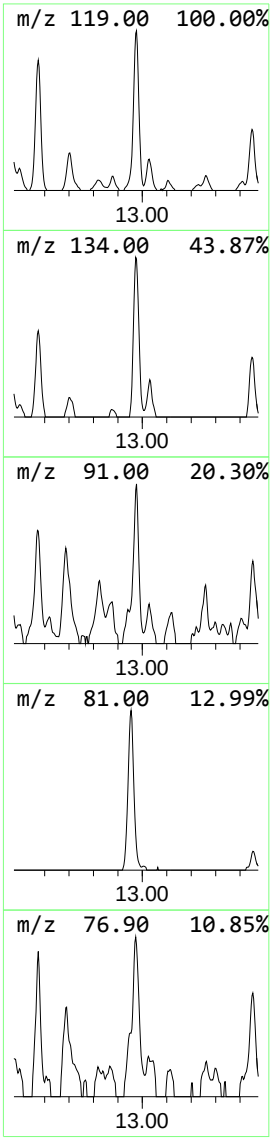
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	4.95 ug/L	91347	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93





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Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

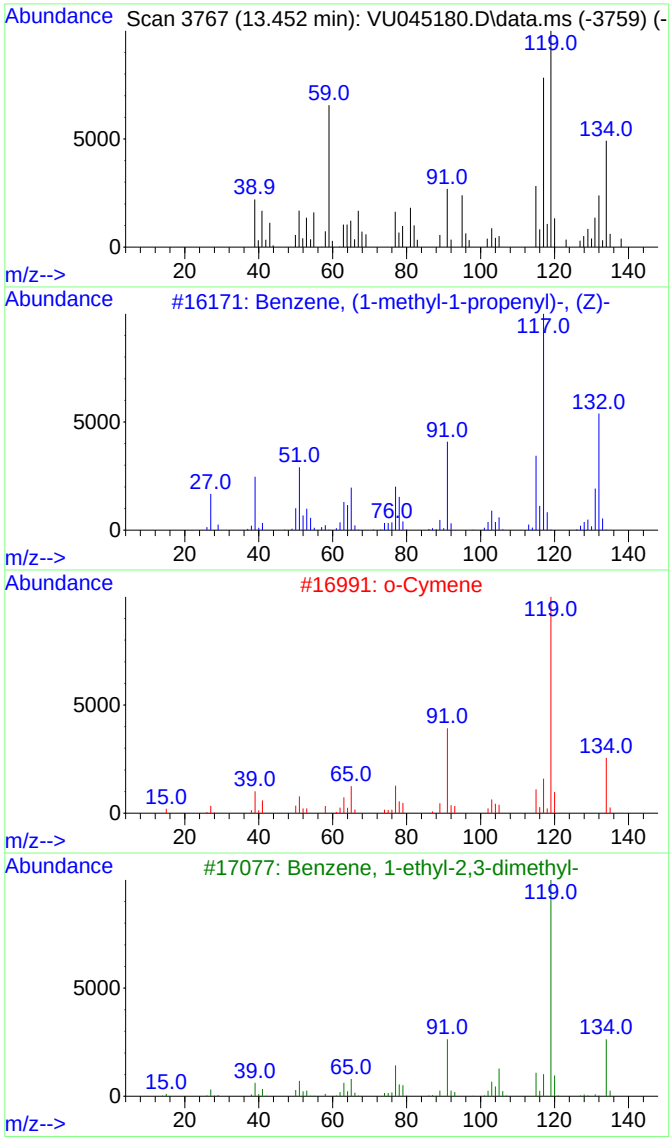
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

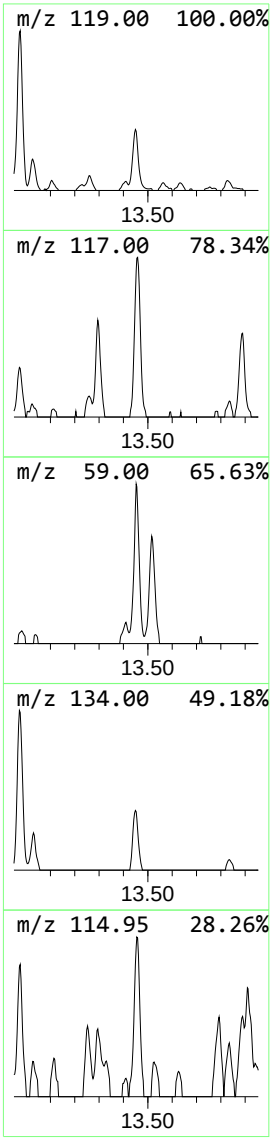
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, (1-methyl-1-propen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	2.54 ug/L	46830	1,4-Dichlorobenzene-d4	11.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	81
2	o-Cymene	134	C10H14	000527-84-4	46
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	42
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	42





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Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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

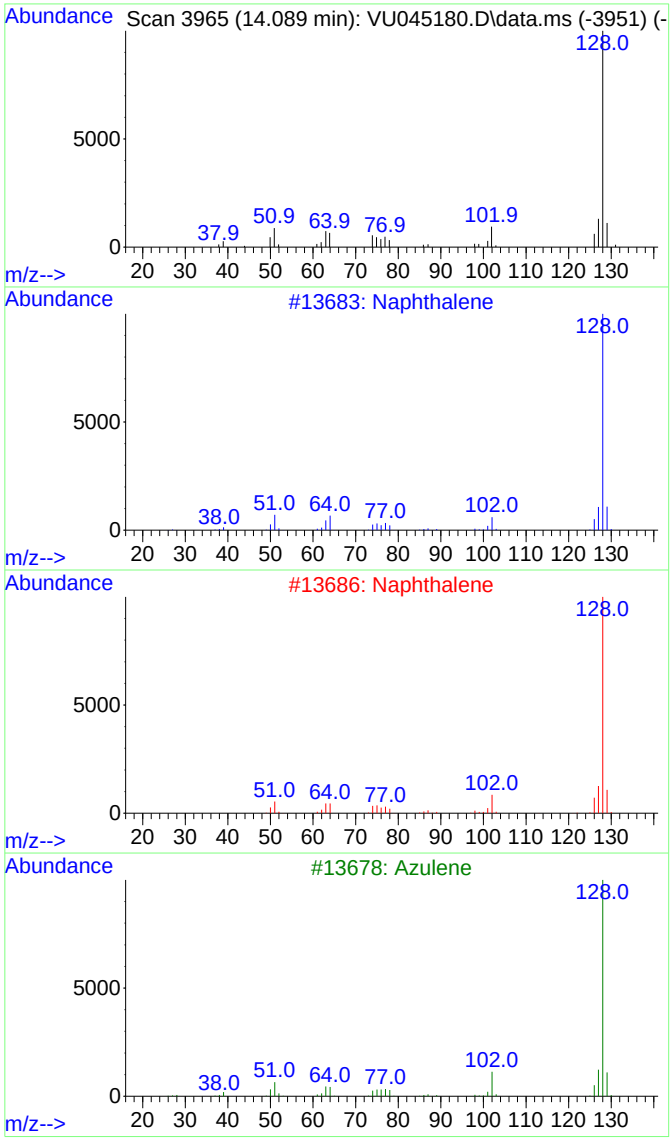
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

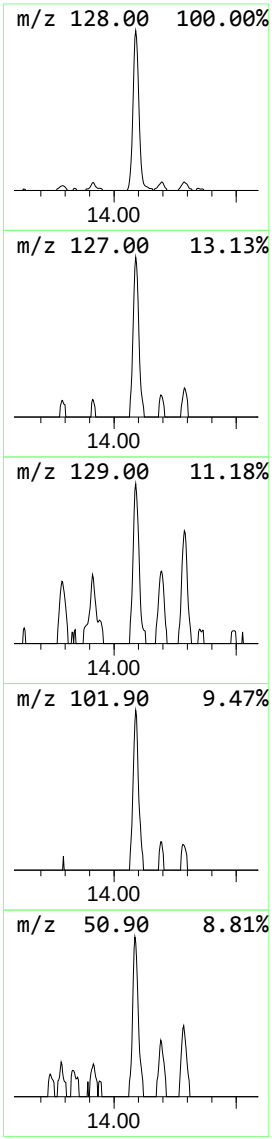
****

Peak Number 17 Azulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.089	2.53 ug/L	46755	1,4-Dichlorobenzene-d4	11.815

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	Naphthalene	128	C10H8	000091-20-3	93
5	Naphthalene	128	C10H8	000091-20-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045180.D
Acq On : 06 Oct 2021 13:01
Operator : SY/MD
Sample : M4024-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

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
(DEL) Alkane: S...	1.732	4.3	ug/L	60755	1	6.253	702938	50.0
2-Butyne	2.243	24.6	ug/L	345570	1	6.253	702938	50.0
Dimethyl sulfide	2.687	4.2	ug/L	59546	1	6.253	702938	50.0
Methanol, TMS d...	3.189	5.8	ug/L	81612	1	6.253	702938	50.0
Ethane, (methyl...	4.575	6.4	ug/L	90142	1	6.253	702938	50.0
1,4-Dioxane	6.963	13.4	ug/L	188932	1	6.253	702938	50.0
2-Hexanol, 2,5-...	9.761	12.0	ug/L	219174	2	9.420	915090	50.0
Diethyl disulfide	10.578	3.2	ug/L	57897	2	9.420	915090	50.0
Benzene, propyl-	10.909	24.8	ug/L	457273	3	11.815	923619	50.0
Benzene, 1-ethy...	10.999	3.7	ug/L	68843	3	11.815	923619	50.0
Mesitylene	11.896	5.3	ug/L	97069	3	11.815	923619	50.0
Indane	12.098	9.9	ug/L	183067	3	11.815	923619	50.0
Benzene, 1-meth...	12.687	3.1	ug/L	57346	3	11.815	923619	50.0
Benzene, 1,2,4,...	12.973	5.0	ug/L	91347	3	11.815	923619	50.0
Benzene, (1-met...	13.452	2.5	ug/L	46830	3	11.815	923619	50.0
Azulene	14.089	2.5	ug/L	46755	3	11.815	923619	50.0