LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

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\SFAMULM112921WMA.M
Title : VOC Analysis

Signal : TIC: VU046139.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.559	53	68	71	rBV2	32200	75977	6.98%	0.481%
2	1.601	76	81	94	rVB	135956	171422	15.74%	1.086%
3	1.919	173	180	200	rVB	91779	124240	11.41%	0.787%
4	2.379	314	323	344	rVB	173843	272510	25.02%	1.727%
5	2.572	371	383	399	rBV	204116	336245	30.87%	2.131%
6	3.192	566	576	590	rVB2	4170	9508	0.87%	0.060%
7	3.874	771	788	809	rBV2	52519	123184	11.31%	0.781%
8	4.436	953	963	976	rVB4	2266	5639	0.52%	0.036%
9	4.536	982	994	1011	rVB3	4392	10753	0.99%	0.068%
10	4.655	1011	1031	1075	rBV2	74362	309998	28.46%	1.964%
11	5.067	1142	1159	1177	rBV	161187	349426	32.08%	2.214%
12	5.382	1241	1257	1272	rBV6	14955	40478	3.72%	0.256%
13	5.465	1273	1283	1298	rVB3	8472	18172	1.67%	0.115%
14	5.594	1311	1323	1343	rBV3	17138	38206	3.51%	0.242%
15	5.729	1343	1365	1376	rBV2	343930	922947	84.74%	5.848%
16	6.160	1483	1499	1513	rBV3	3552	8738	0.80%	0.055%
17	6.253	1513	1528	1544	rBV	279051	527685	48.45%	3.344%
18	6.510	1595	1608	1633	rVB6	14476	40370	3.71%	0.256%
19	6.694	1648	1665	1679	rBV	208215	395725	36.33%	2.507%
20	7.385	1871	1880	1889	rBV5	3574	7684	0.71%	0.049%
21	7.568	1921	1937	1955	rBV	119486	211429	19.41%	1.340%
22	7.899	2014	2040	2052	rBV	451153	793844	72.88%	5.030%
23	7.970	2052	2062	2077	rVB	320876	547908	50.30%	3.472%
24	8.182	2116	2128	2139	rVV	82201	136168	12.50%	0.863%
25	8.247	2140	2148	2160	rVB5	7829	14279	1.31%	0.090%
26	8.372	2175	2187	2196	rBV3	6353	11826	1.09%	0.075%
27	8.475	2207	2219	2234	rBV3	5260	10912	1.00%	0.069%
28	8.636	2257	2269	2297	rBV	270280	499207	45.83%	3.163%
29	8.867	2332	2341	2351	rVB2	13258	21515	1.98%	0.136%
30	8.925	2351	2359	2365	rBV3	5195	8260	0.76%	0.052%
31	9.060	2393	2401	2409	rVB7	3616	5570	0.51%	0.035%
32	9.224	2445	2452	2462	rVB8	3613	6341	0.58%	0.040%
33	9.343	2478	2489	2500	rBV7	4202	8673	0.80%	0.055%
34	9.417	2500	2512	2532	rBV	397455	670761	61.58%	4.250%
35	9.510	2536	2541	2548	rVB4	5395	7027	0.65%	0.045%
36	9.571	2548	2560	2585	rBV	561945	903500	82.95%	5.725%

LSC Area Percent Report

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Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

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\SFAMULM112921WMA.M
Title : VOC Analysis

37	9.693	2585	2598	2613	rBV	648808	1089215	100.00%	6.902%
38	9.896	2651	2661	2677	rBV8	3786	7278	0.67%	0.046%
39	10.037	2691	2705	2711	rBV5	10070	21992	2.02%	0.139%
40	10.102	2714	2725	2741	rVB	269660	450935	41.40%	2.857%
41	10.237	2756	2767	2772	rBV8	6119	11973	1.10%	0.076%
42	10.272	2773	2778	2793	rVB3	11914	19810	1.82%	0.126%
43	10.359	2793	2805	2825	rBV7	14534	32917	3.02%	0.209%
44	10.484	2833	2844	2856	rBV	149770	235216	21.60%	1.490%
45	10.565	2864	2869	2879	rVB5	8165	13426	1.23%	0.085%
46	10.697	2897	2910	2917	rBV9	6835	13520	1.24%	0.086%
47	10.758	2917	2929	2941	rBV	297153	474419	43.56%	3.006%
48	10.906	2958	2975	2992	rBV2	76304	131617	12.08%	0.834%
49	10.999	2992	3004	3009	rBV2	97734	168004	15.42%	1.065%
50	11.089	3022	3032	3055	rVB	69311	111194	10.21%	0.705%
51	11.291	3084	3095	3114	rBV	117371	198307	18.21%	1.257%
52	11.420	3130	3135	3139	rVV4	4545	5970	0.55%	0.038%
53	11.468	3139	3150	3164	rVB	353162	544148	49.96%	3.448%
54	11.610	3177	3194	3199	rBV	25394	41611	3.82%	0.264%
55	11.745	3228	3236	3244	rVB3	18956	27610	2.53%	0.175%
56	11.812	3244	3257	3271	rBV	468131	747544	68.63%	4.737%
57	11.896	3272	3283	3294	rBV	118198	181760	16.69%	1.152%
58	12.095	3327	3345	3351	rBV3	79880	138540	12.72%	0.878%
59	12.195	3363	3376	3394	rVB	515816	940781	86.37%	5.961%
60	12.307	3401	3411	3424	rBV5	10846	21110	1.94%	0.134%
61	12.378	3424	3433	3450	rVB2	23404	36490	3.35%	0.231%
62	12.465	3450	3460	3465	rBV	27812	44056	4.04%	0.279%
63	12.571	3485	3493	3501	rVB2	38980	54044	4.96%	0.342%
64	12.616	3501	3507	3508	rBV2	6552	6294	0.58%	0.040%
65	12.687	3520	3529	3534	rBV3	17309	32358	2.97%	0.205%
66	12.770	3548	3555	3558	rBV3	8309	11668	1.07%	0.074%
67	12.873	3579	3587	3598	rVB4	17040	29944	2.75%	0.190%
68	12.944	3598	3609	3612	rBV5	14529	22613	2.08%	0.143%
69	12.973	3613	3618	3626	rVV	31121	44340	4.07%	0.281%
70	13.028	3626	3635	3648	rVB2	45144	72897	6.69%	0.462%
71	13.111	3652	3661	3674	rBV4	15243	30513	2.80%	0.193%
72	13.256	3699	3706	3711	rBV3	14843	22433	2.06%	0.142%
73	13.401	3742	3751	3759	rBV	23735	37160	3.41%	0.235%
74	13.452	3759	3767	3778	rVV4	39063	70378	6.46%	0.446%
75	13.510	3780	3785	3796	rVV4	10897	18342	1.68%	0.116%
76	13.629	3815	3822	3838	rVB8	13618	28220	2.59%	0.179%

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Operator : SY/MD
Sample : M4960-10
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

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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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Title : VOC Analysis

77	13.735	3843	3855	3862	rBV3	16989	28132	2.58%	0.178%
78	13.787	3863	3871	3878	rBV2	23016	34599	3.18%	0.219%
79	13.841	3878	3888	3898	rBV5	50320	86687	7.96%	0.549%
80	14.086	3949	3964	3983	rVB	600943	951736	87.38%	6.031%
81	14.201	3987	4000	4010	rBV3	27669	59157	5.43%	0.375%
82	14.285	4014	4026	4035	rBV3	19519	34145	3.13%	0.216%
83	14.484	4078	4088	4107	rBV	30333	51392	4.72%	0.326%
84	14.581	4107	4118	4130	rBV2	4587	9840	0.90%	0.062%
85	14.668	4134	4145	4159	rBV3	32426	71687	6.58%	0.454%
86	14.809	4181	4189	4200	rVV2	20341	30680	2.82%	0.194%
87	14.877	4201	4210	4221	rVV3	24149	39303	3.61%	0.249%
88	14.938	4224	4229	4238	rVB5	6126	7826	0.72%	0.050%
89	15.018	4243	4254	4265	rBV3	27248	47393	4.35%	0.300%
90	15.221	4303	4317	4327	rBV	93866	159248	14.62%	1.009%
91	15.343	4346	4355	4363	rBV4	5121	8174	0.75%	0.052%
92	15.410	4363	4376	4386	rBV	76094	127652	11.72%	0.809%
93	15.462	4388	4392	4400	rVB6	5510	7363	0.68%	0.047%
94	15.950	4525	4544	4555	rVV2	40310	80621	7.40%	0.511%
95	16.147	4598	4605	4613	rBV2	8713	12251	1.12%	0.078%
96	16.262	4625	4641	4651	rBV2	21341	38130	3.50%	0.242%
97	16.407	4675	4686	4692	rBV5	12933	21963	2.02%	0.139%
98	16.446	4693	4698	4708	rVB3	14658	21080	1.94%	0.134%
99	16.786	4797	4804	4812	rVB3	4936	6689	0.61%	0.042%
100	16.880	4826	4833	4838	rBV4	6384	9421	0.86%	0.060%

Sum of corrected areas: 15781943

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Data File : VU046139.D
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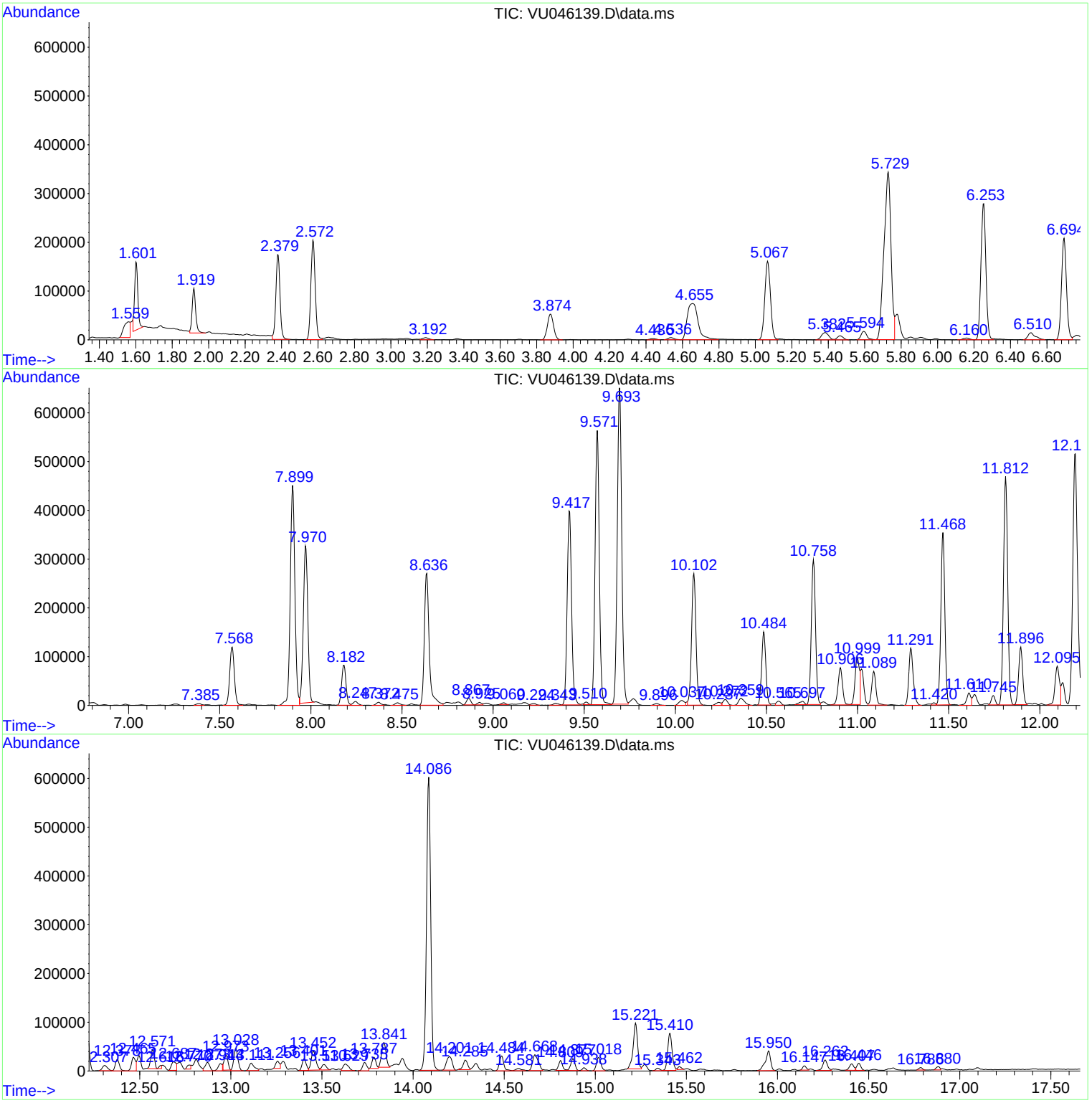
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
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Instrument :
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ClientSampleId :
BGKS3

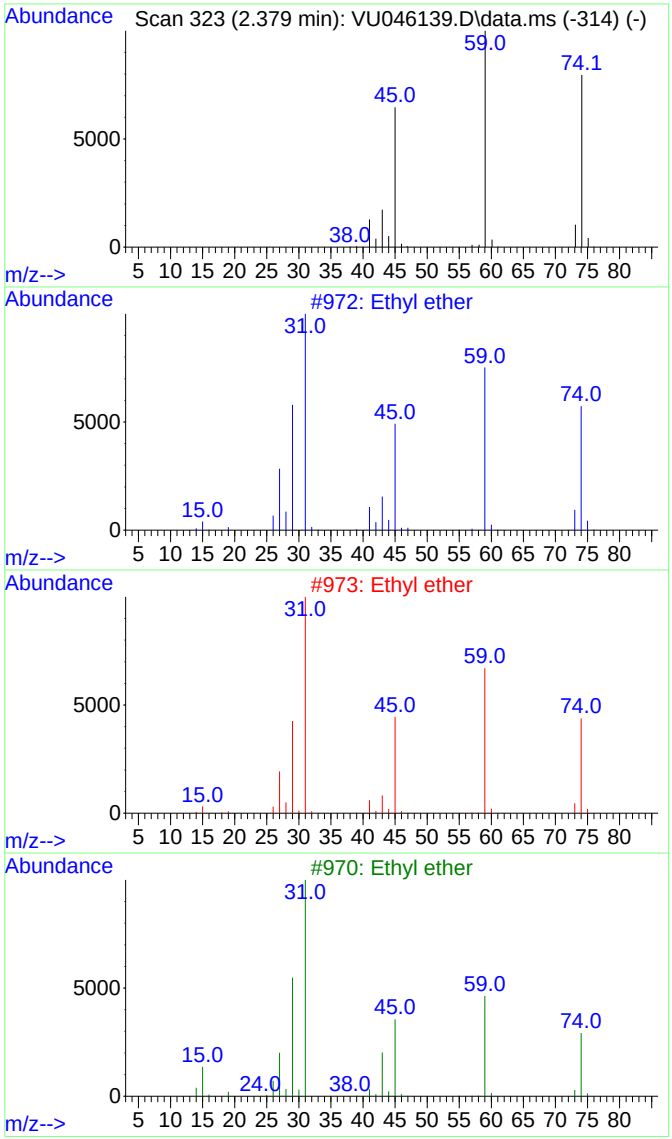
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

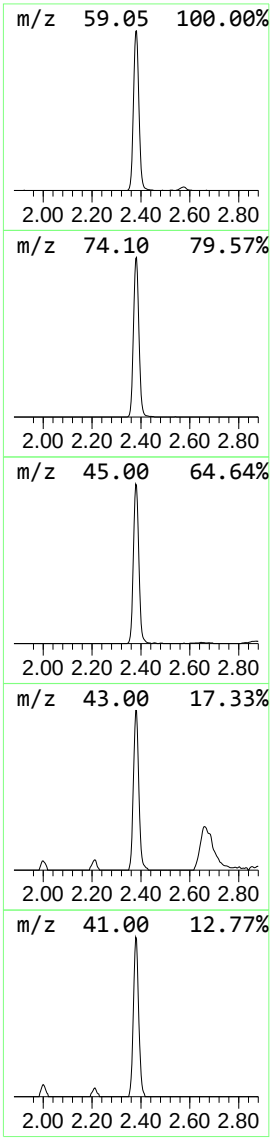
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.379	25.82 ug/L	272510	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	91
2	Ethyl ether	74	C4H10O	000060-29-7	91
3	Ethyl ether	74	C4H10O	000060-29-7	83
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	72
5	Ethyl ether	74	C4H10O	000060-29-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

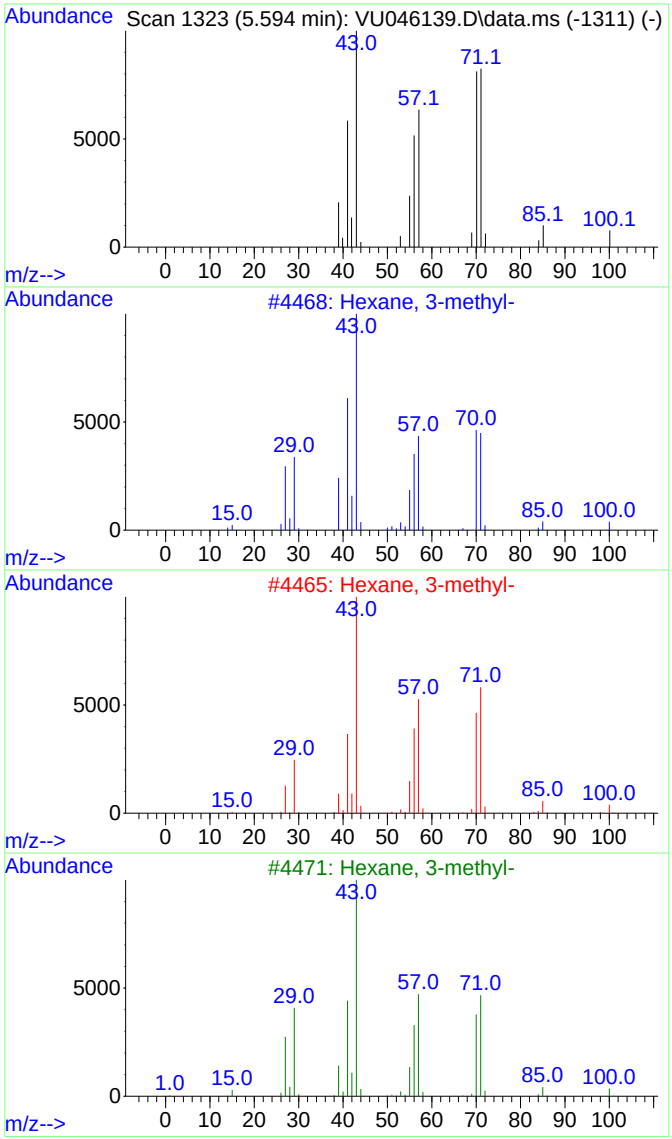
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

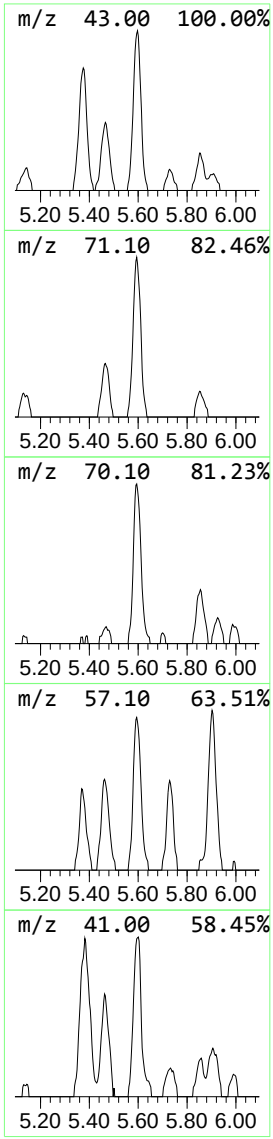
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.594	3.62 ug/L	38206	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	64
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	64





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Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

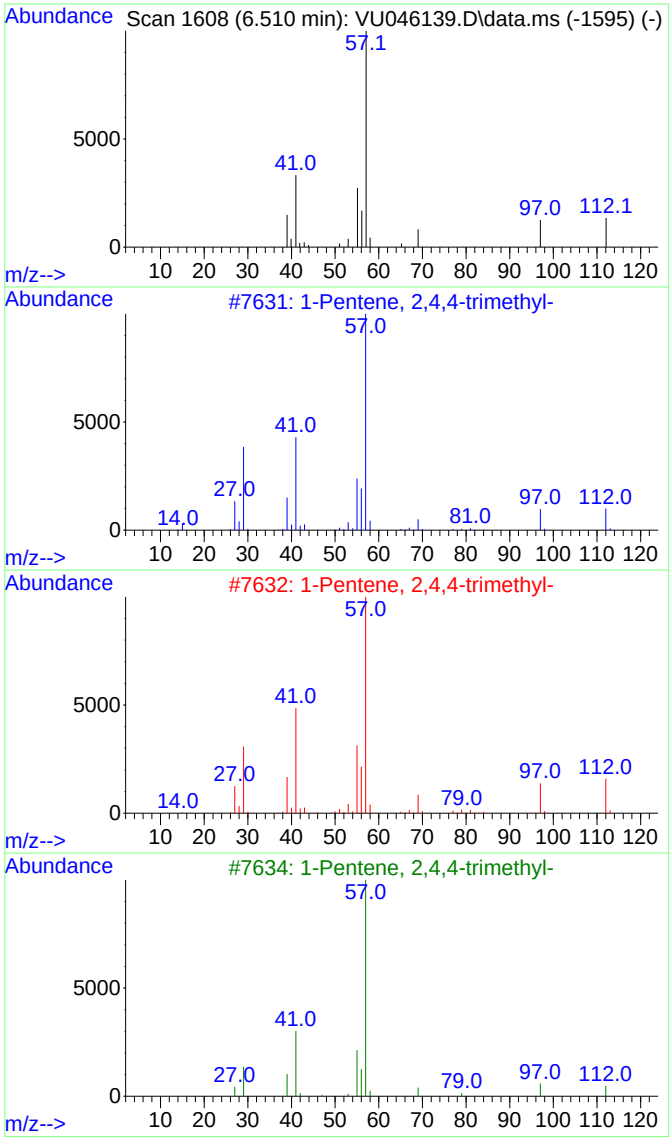
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

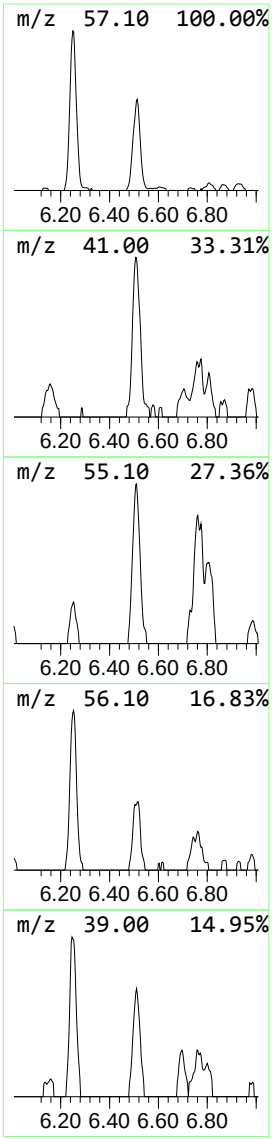
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.510	3.83 ug/L	40370	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	91
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	86
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	86
4	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	78
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

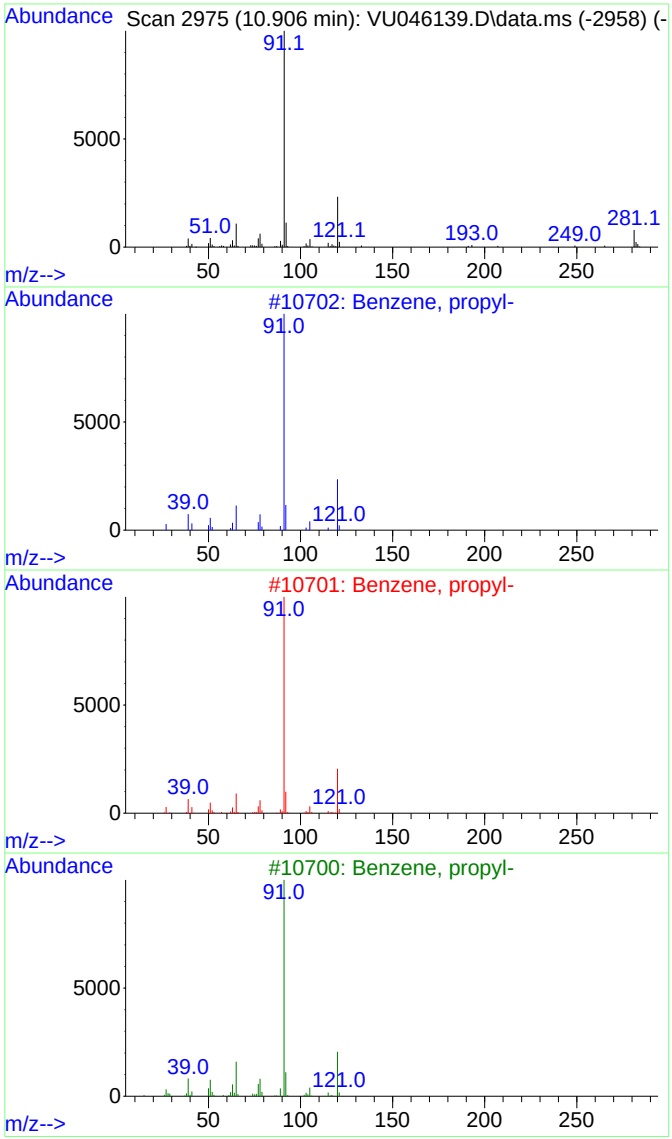
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

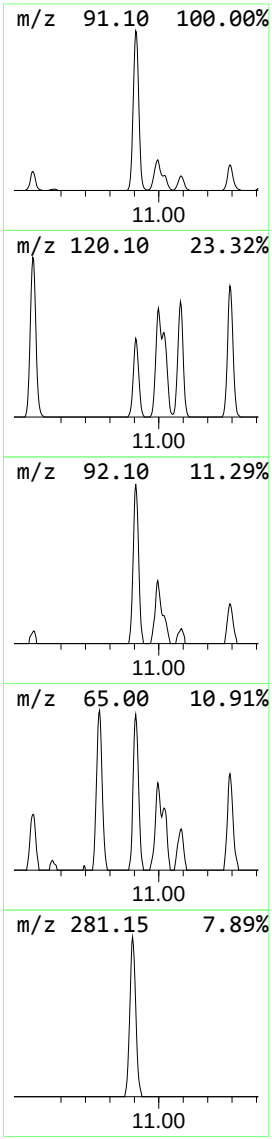
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	8.80 ug/L	131617	1,4-Dichlorobenzene-d4	11.812

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	76
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

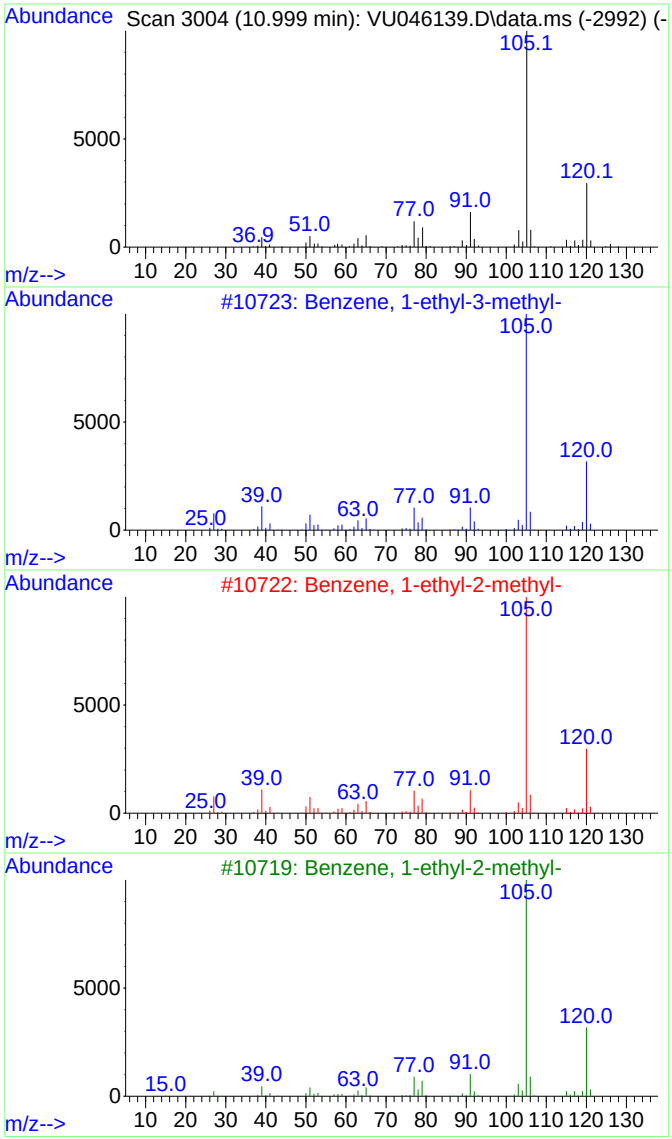
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

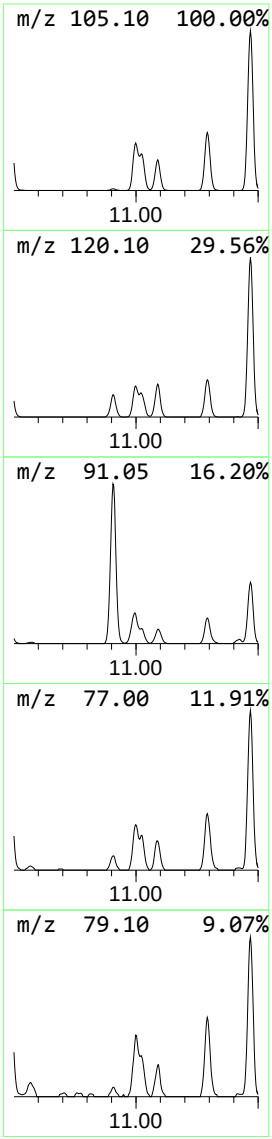
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	11.24 ug/L	168004	1,4-Dichlorobenzene-d4	11.812

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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

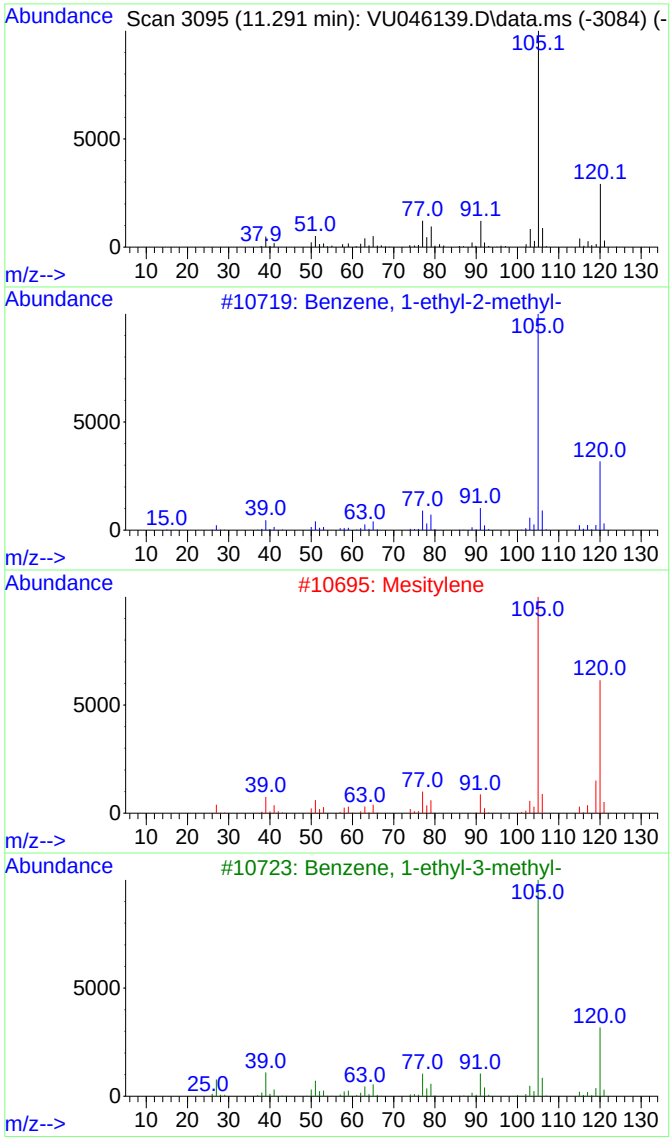
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

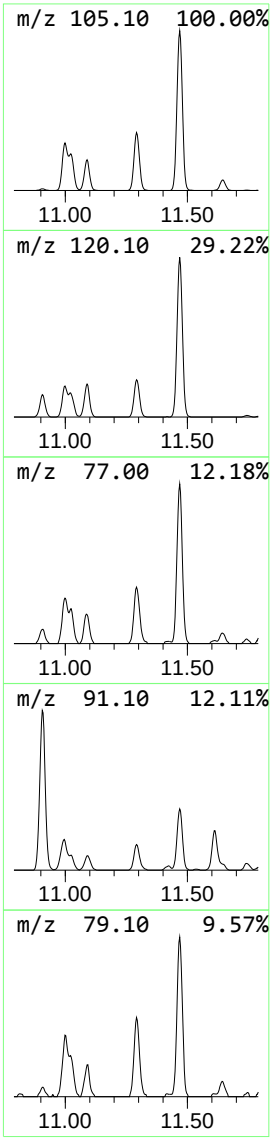
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	13.26 ug/L	198307	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

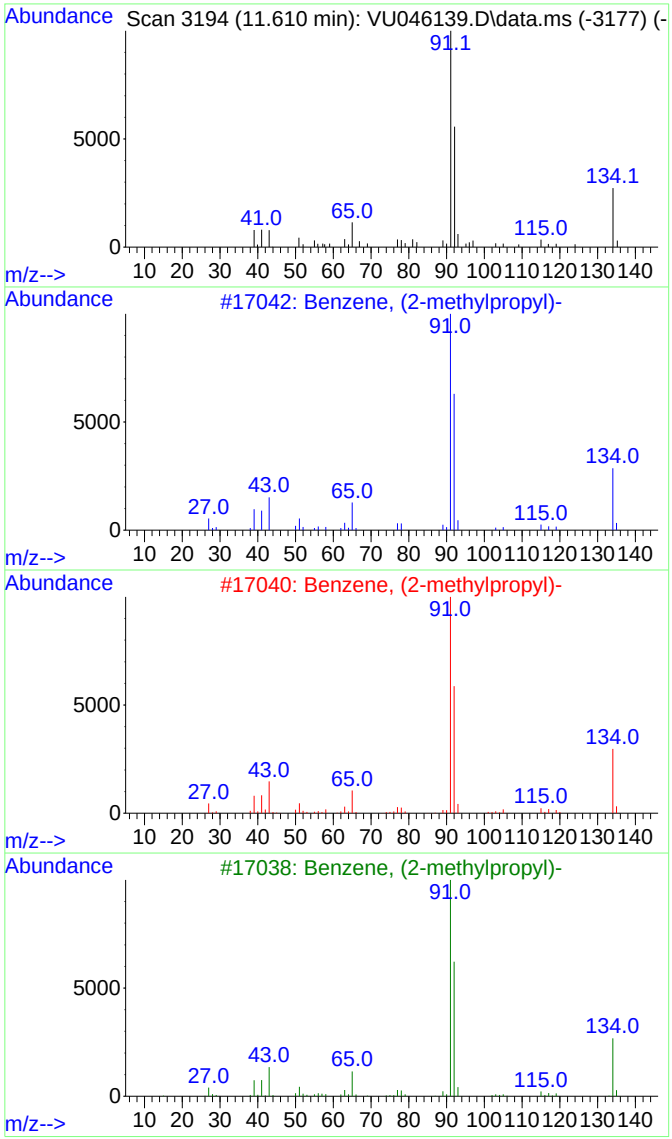
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

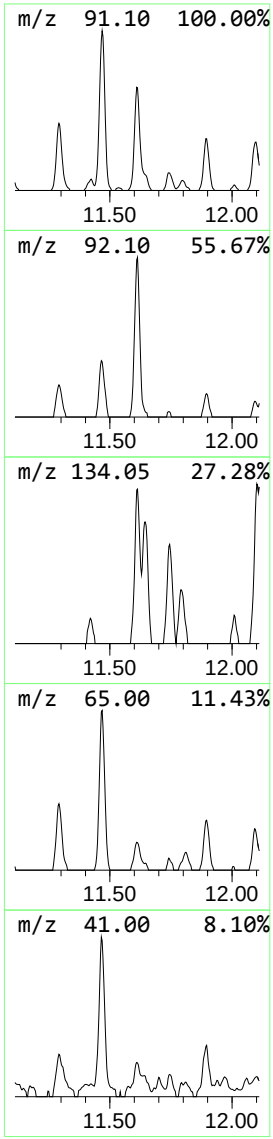
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (2-methylpropyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	2.78 ug/L	41611	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	93
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
5	Benzene, n-butyl-	134	C10H14	000104-51-8	80





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Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

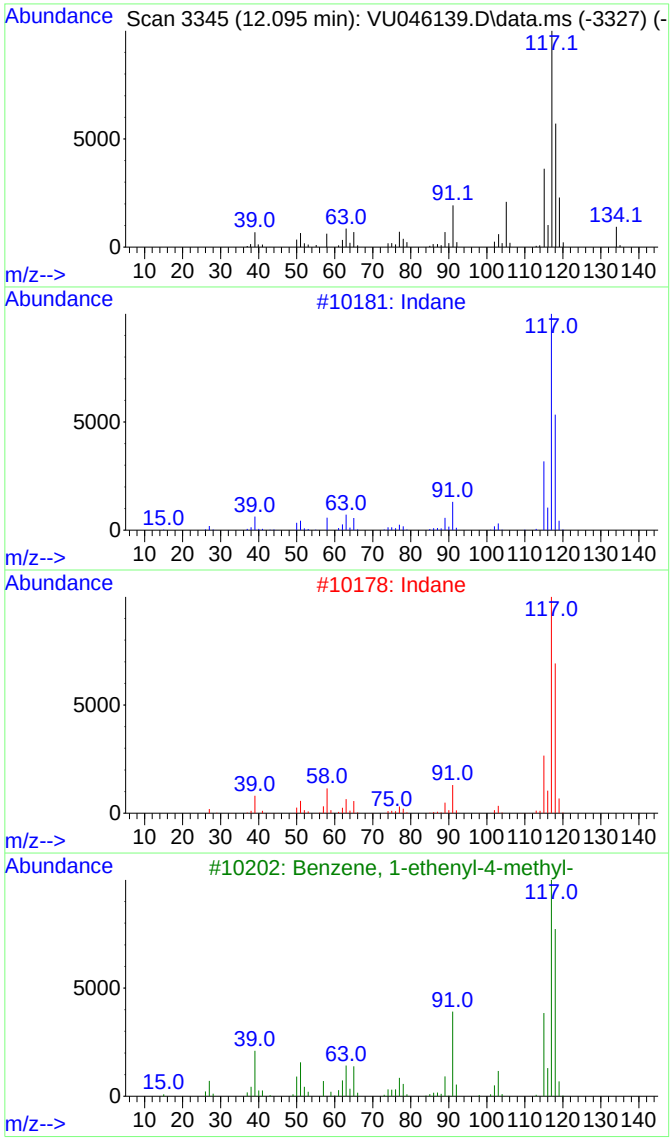
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

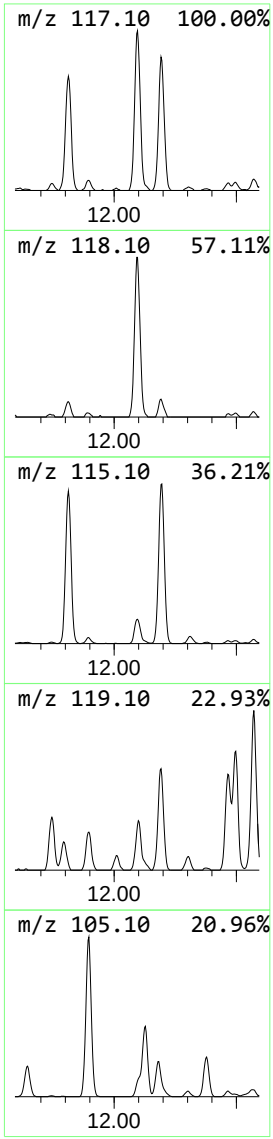
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	9.27 ug/L	138540	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

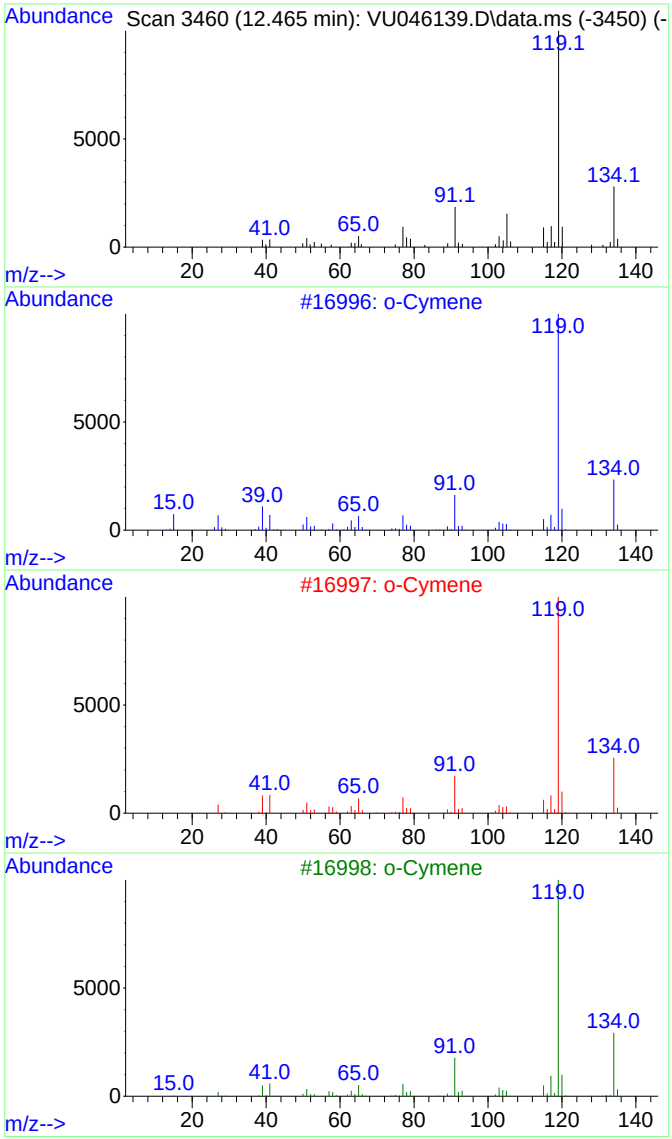
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

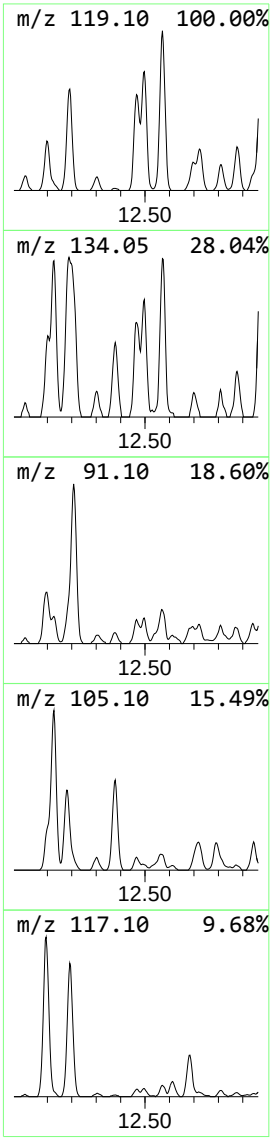
****

Peak Number 11 o-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	2.95 ug/L	44056	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	p-Cymene	134	C10H14	000099-87-6	97
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

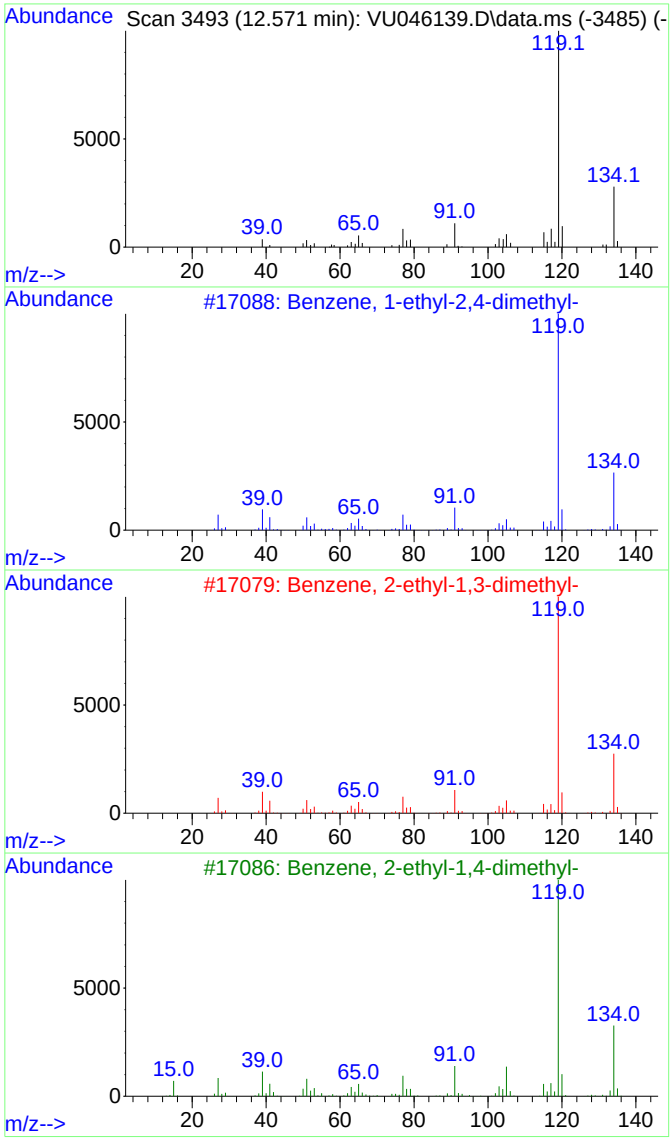
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

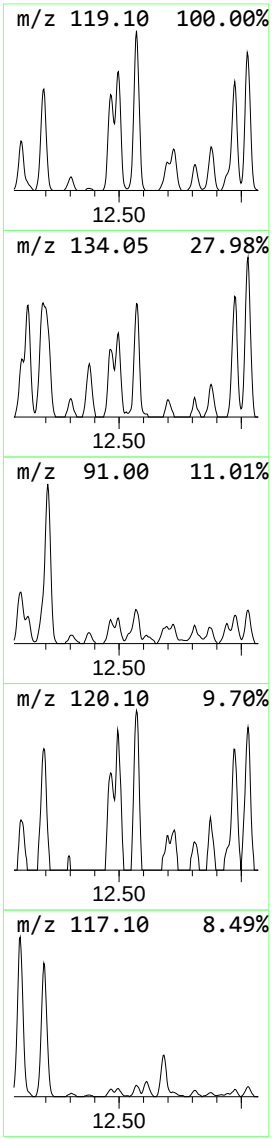
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	3.61 ug/L	54044	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

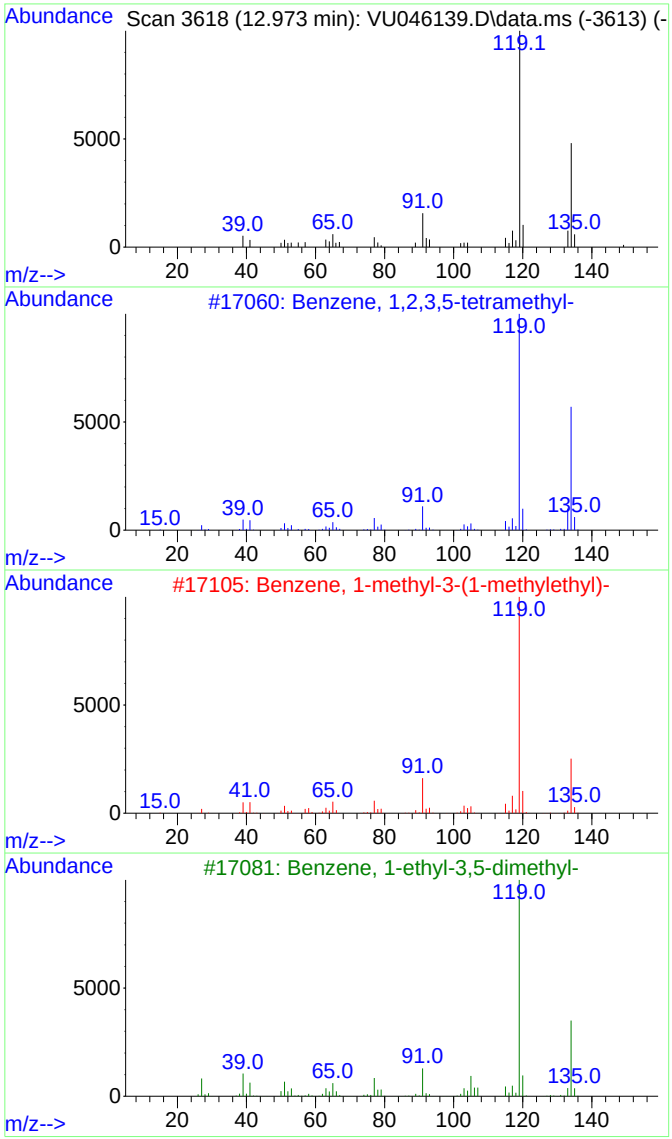
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

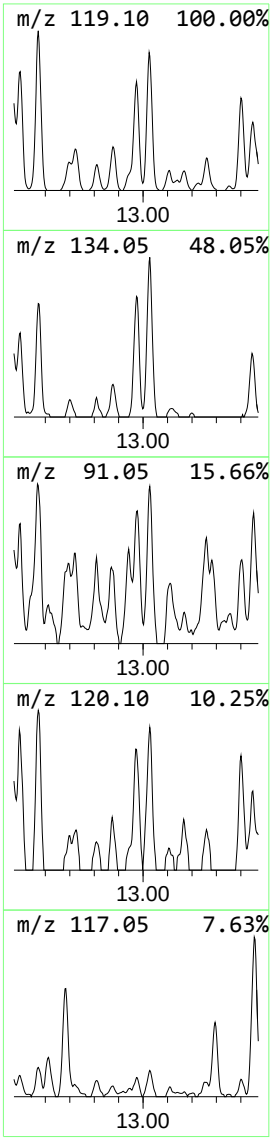
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	2.97 ug/L	44340	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

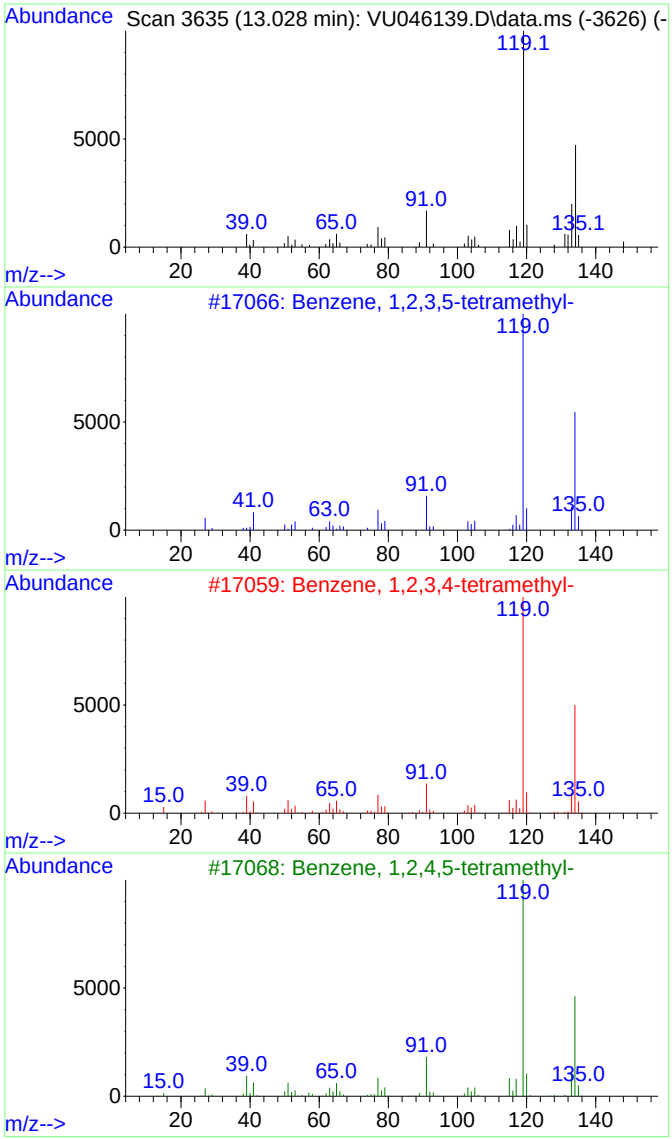
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

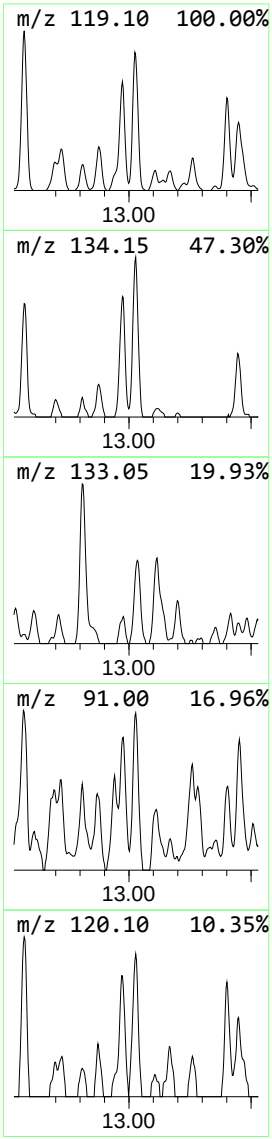
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	4.88 ug/L	72897	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

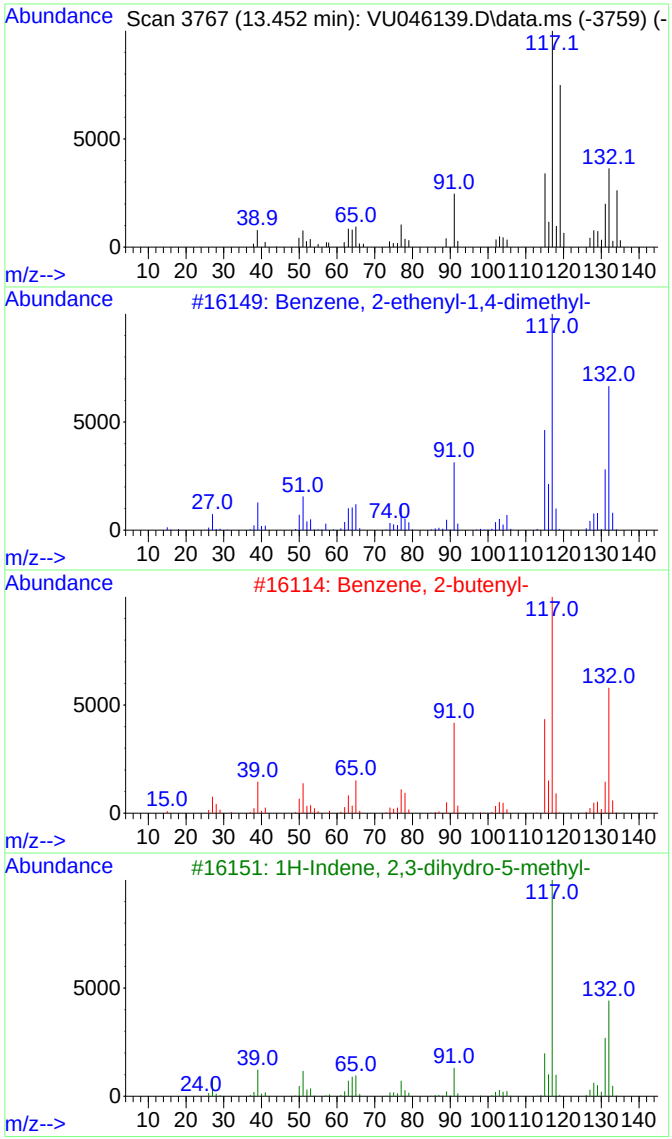
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

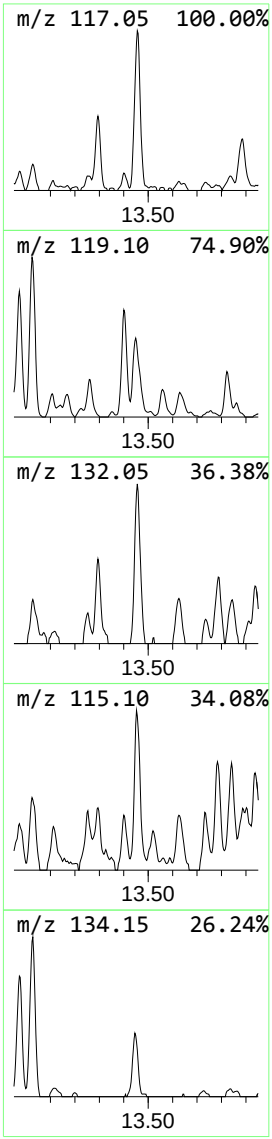
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	4.71 ug/L	70378	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	66
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

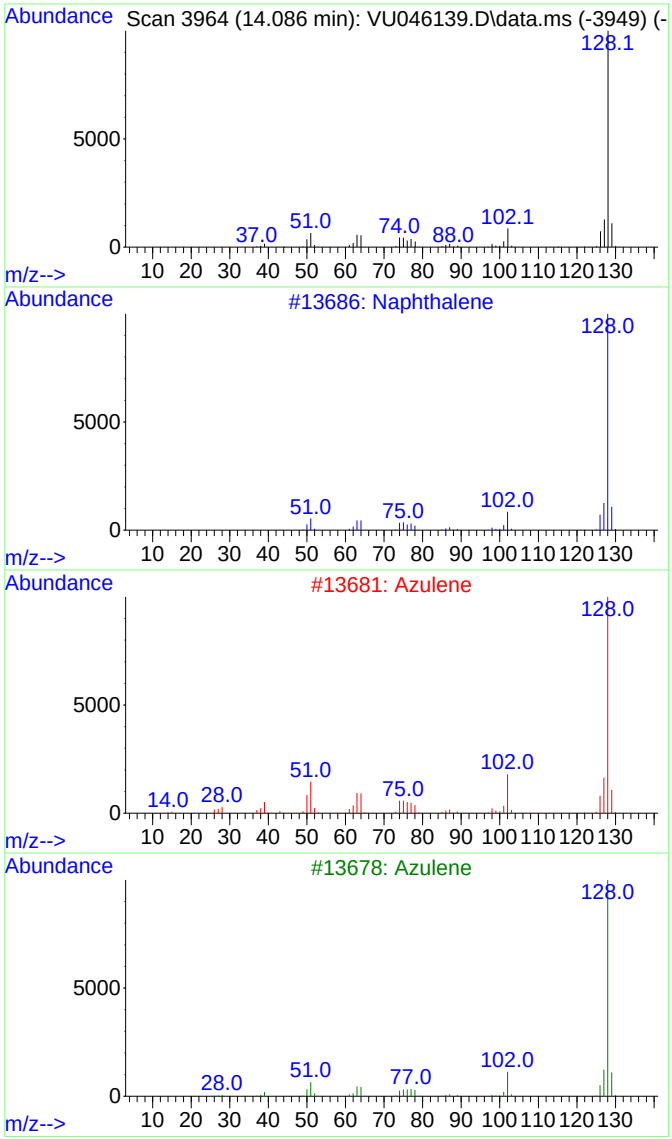
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

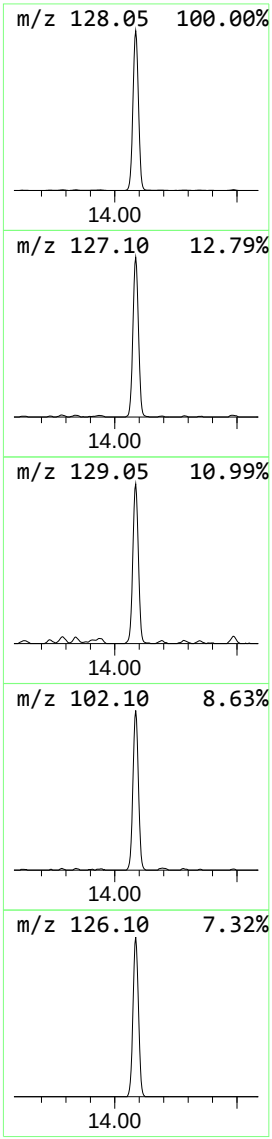
****

Peak Number 16 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	63.66 ug/L	951736	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	Azulene	128	C10H8	000275-51-4	93
4	Naphthalene	128	C10H8	000091-20-3	93
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91





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Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

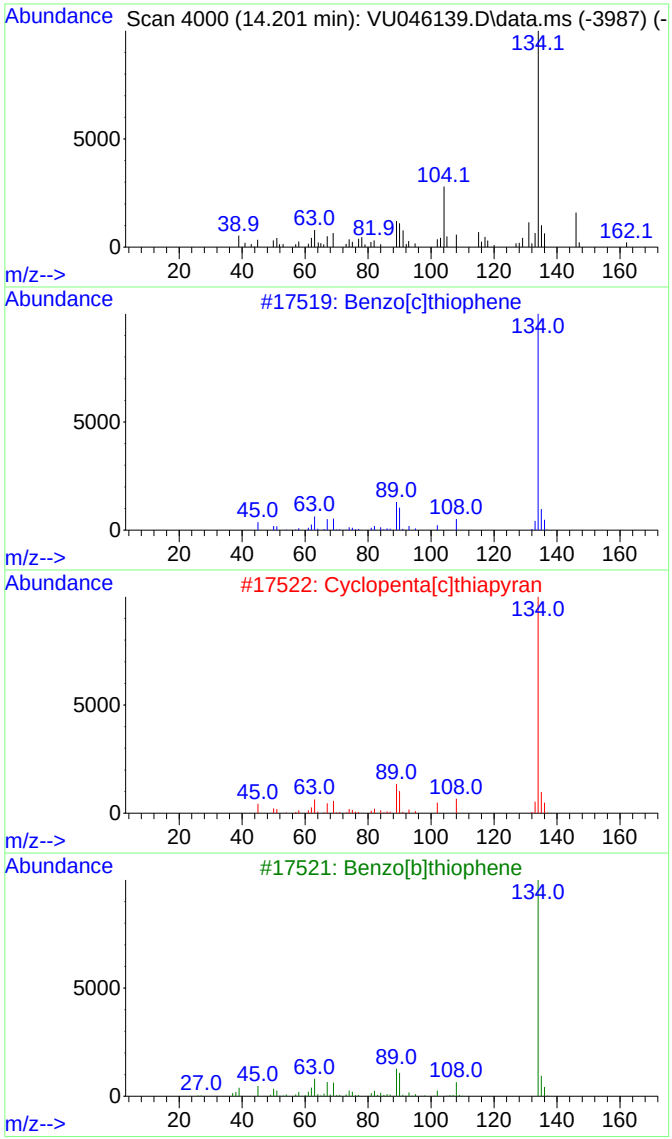
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

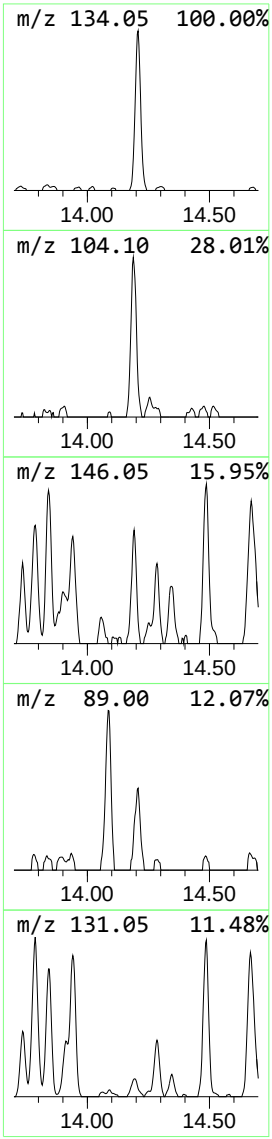
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[c]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	3.96 ug/L	59157	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	92
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

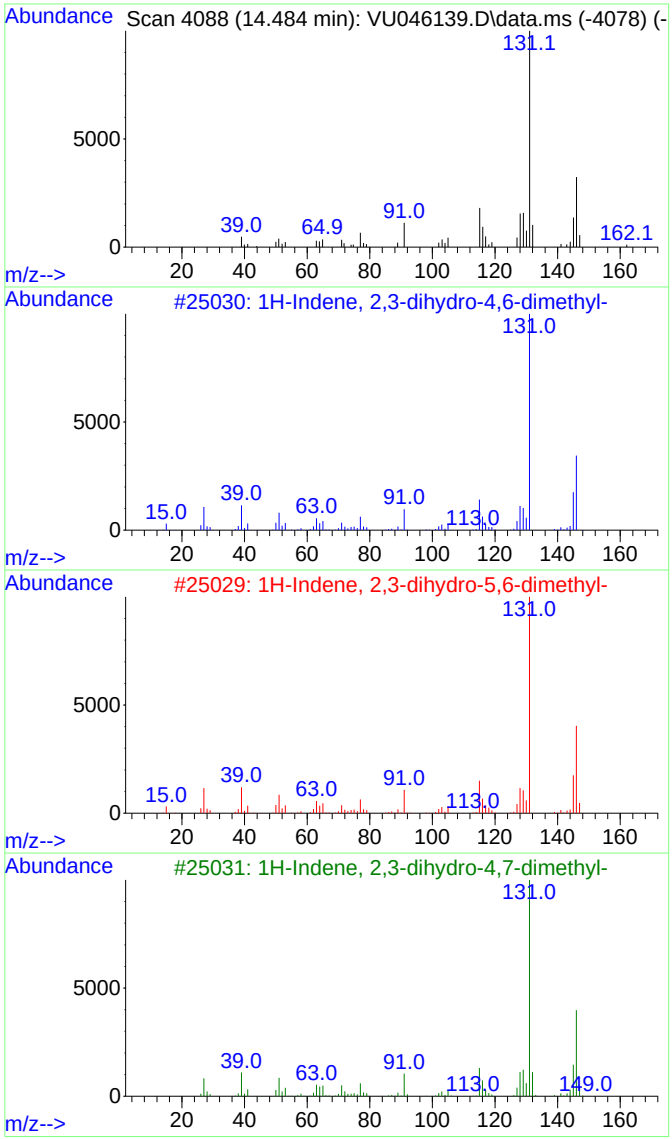
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

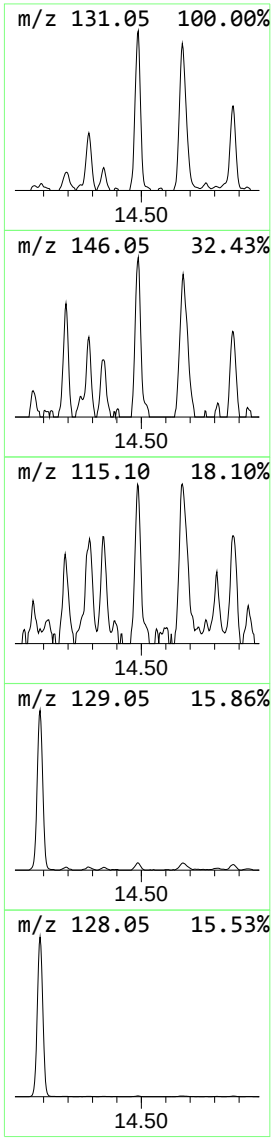
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.484	3.44 ug/L	51392	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





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Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

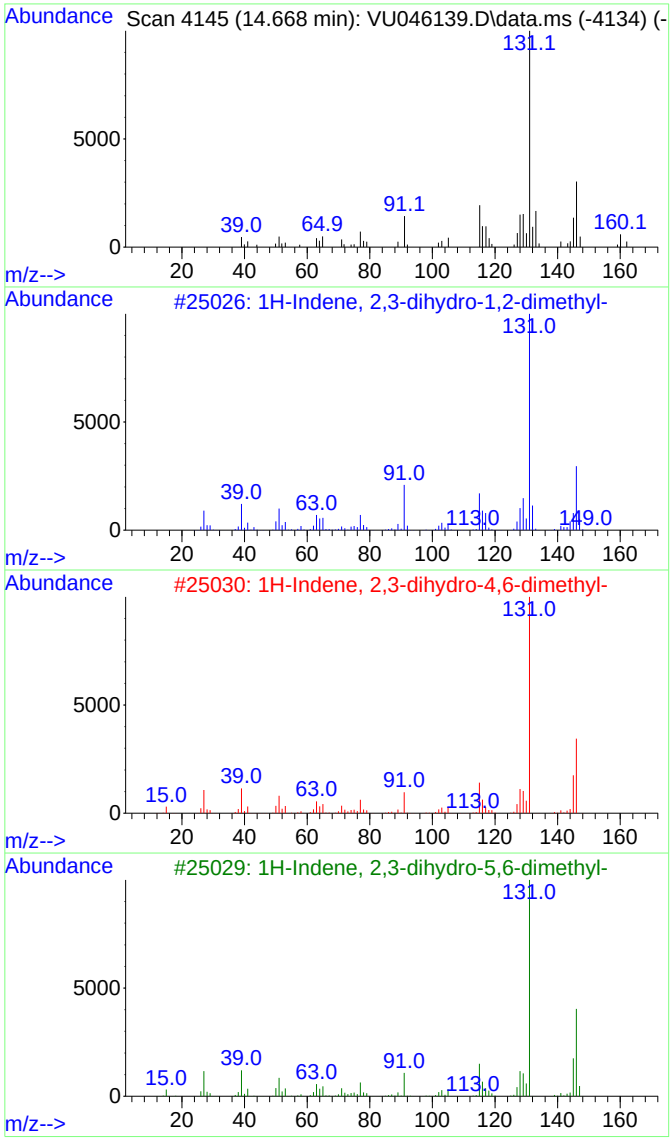
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

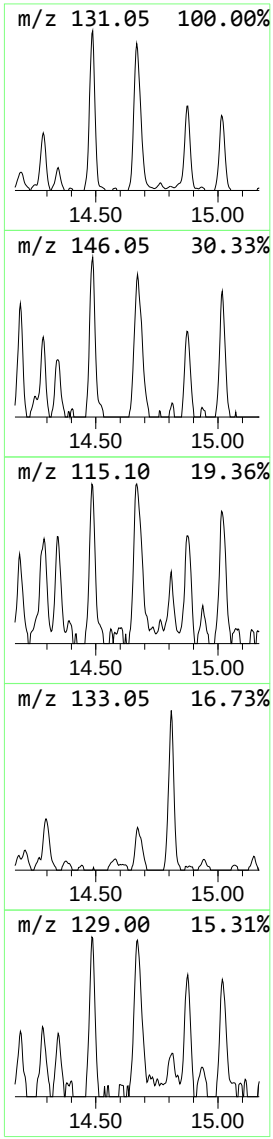
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.668	4.79 ug/L	71687	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87





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Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

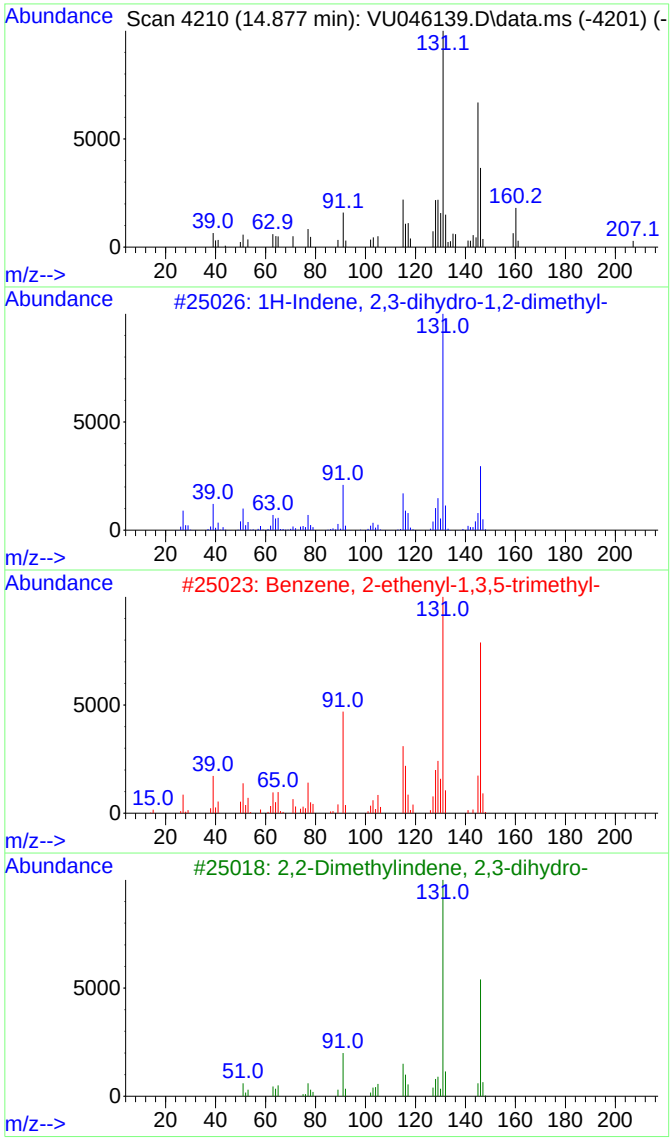
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

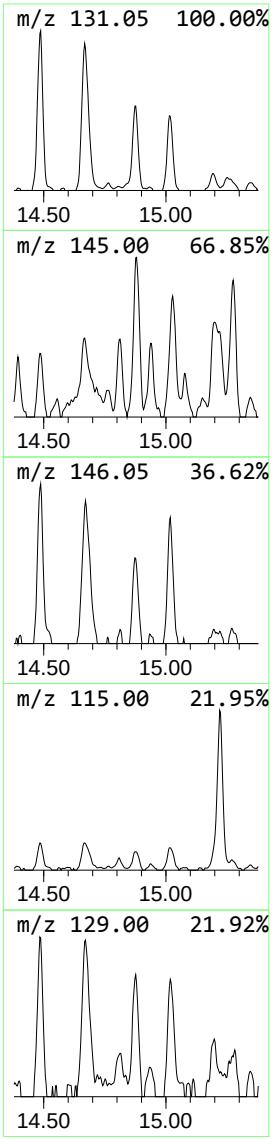
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.877	2.63 ug/L	39303	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	62
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	58
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	58
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	52





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Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

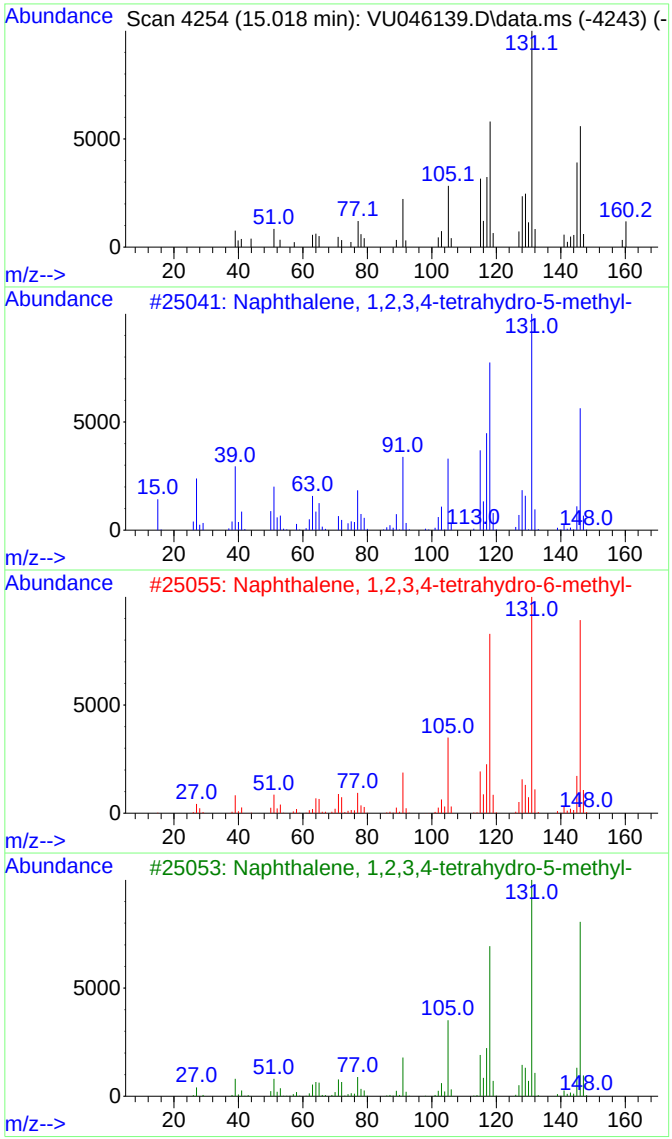
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

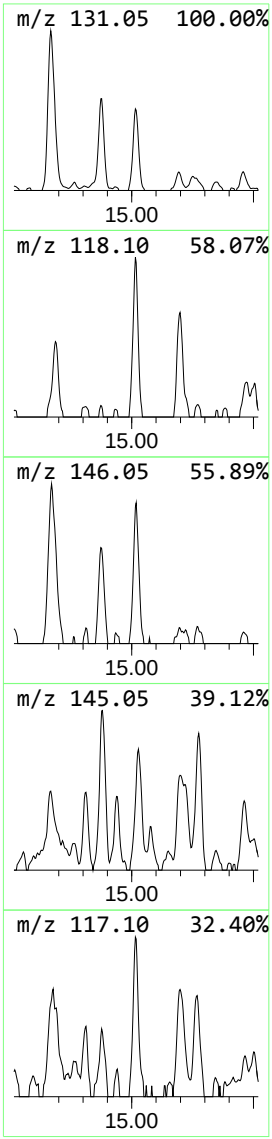
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.018	3.17 ug/L	47393	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60





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Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

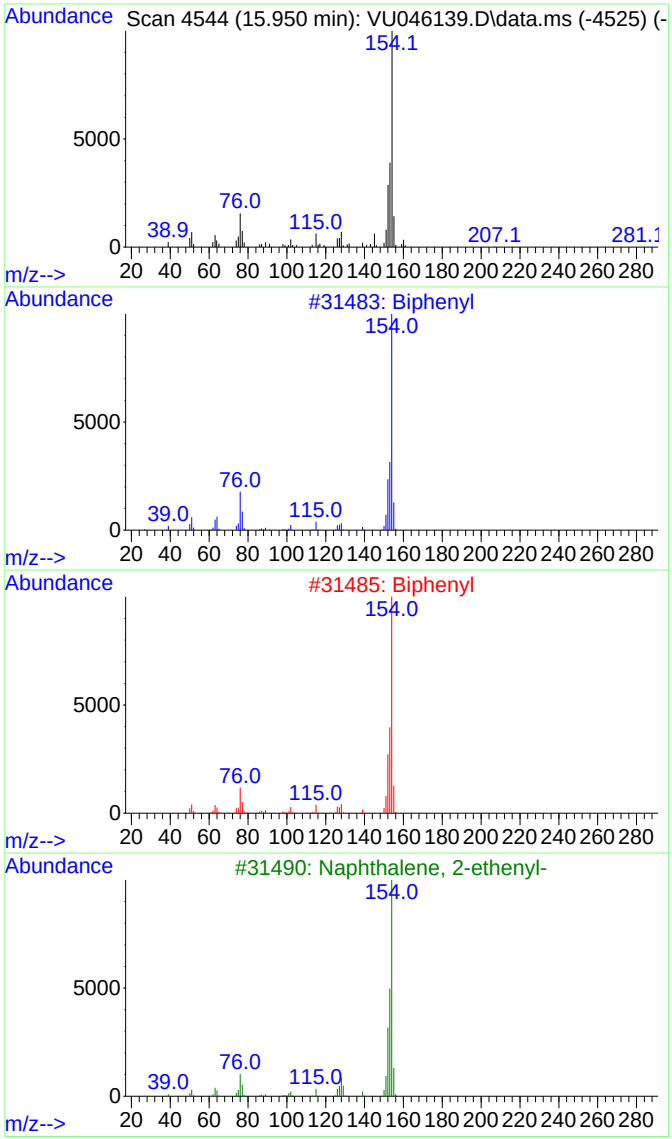
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

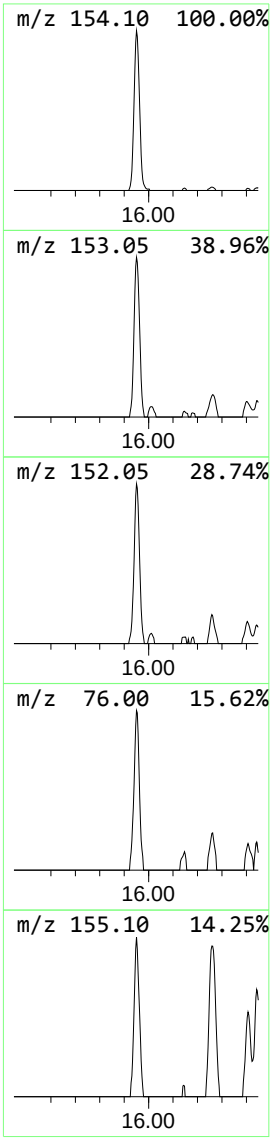
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Biphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.950	5.39 ug/L	80621	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	94
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
4	Biphenyl	154	C12H10	000092-52-4	90
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

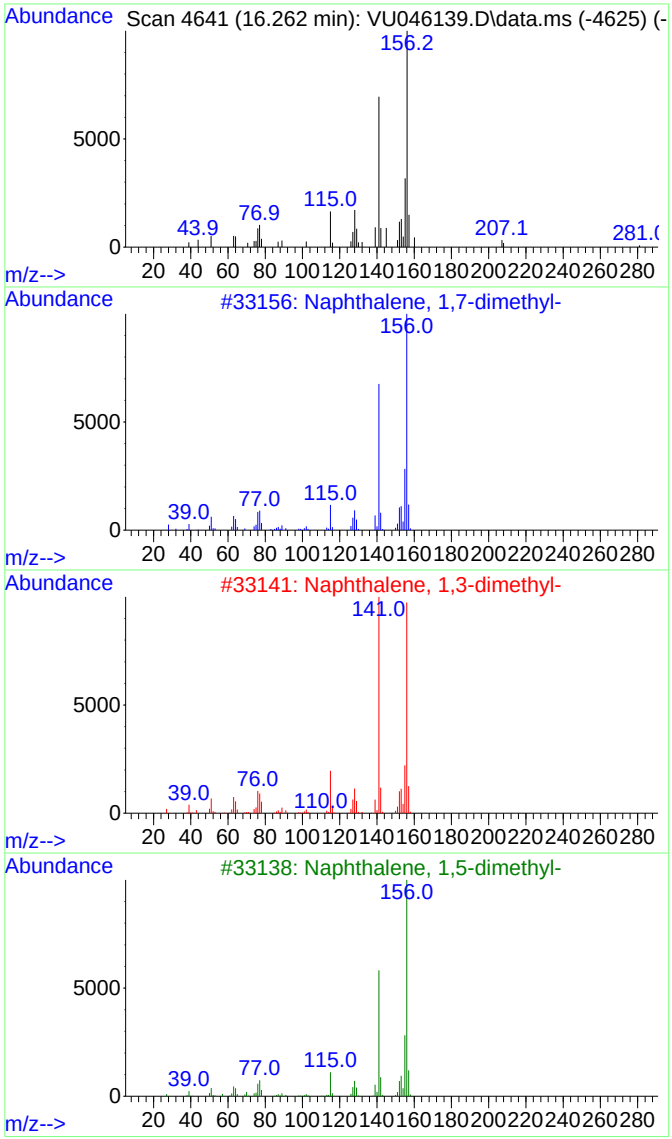
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

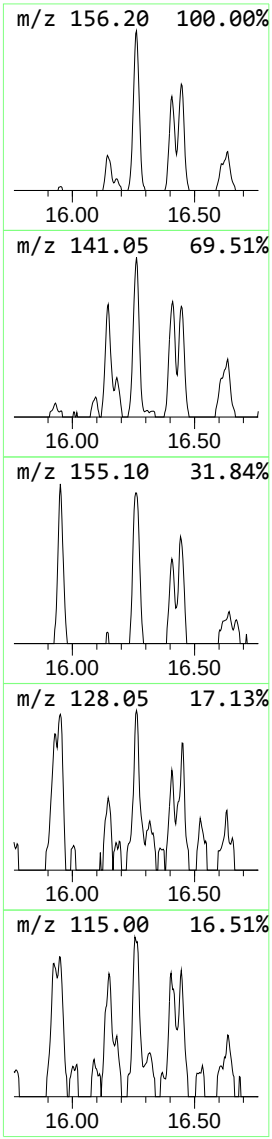
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Naphthalene, 1,7-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.262	2.55 ug/L	38130	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046139.D
Acq On : 07 Dec 2021 14:40
Operator : SY/MD
Sample : M4960-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.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
Ethyl ether	2.379	25.8	ug/L	272510	1	6.253	527685	50.0
(DEL) Alkane: S...	5.594	3.6	ug/L	38206	1	6.253	527685	50.0
(DEL) Alkane: S...	6.510	3.8	ug/L	40370	1	6.253	527685	50.0
Benzene, propyl-	10.906	8.8	ug/L	131617	3	11.812	747544	50.0
Benzene, 1-ethy...	10.999	11.2	ug/L	168004	3	11.812	747544	50.0
Benzene, 1-ethy...	11.291	13.3	ug/L	198307	3	11.812	747544	50.0
Benzene, (2-met...	11.610	2.8	ug/L	41611	3	11.812	747544	50.0
Indane	12.095	9.3	ug/L	138540	3	11.812	747544	50.0
o-Cymene	12.465	3.0	ug/L	44056	3	11.812	747544	50.0
Benzene, 1-ethy...	12.571	3.6	ug/L	54044	3	11.812	747544	50.0
Benzene, 1,2,3,...	12.973	3.0	ug/L	44340	3	11.812	747544	50.0
Benzene, 1,2,3,...	13.028	4.9	ug/L	72897	3	11.812	747544	50.0
Benzene, 2-ethe...	13.452	4.7	ug/L	70378	3	11.812	747544	50.0
Azulene	14.086	63.7	ug/L	951736	3	11.812	747544	50.0
Benzo[c]thiophene	14.201	4.0	ug/L	59157	3	11.812	747544	50.0
1H-Indene, 2,3-...	14.484	3.4	ug/L	51392	3	11.812	747544	50.0
1H-Indene, 2,3-...	14.668	4.8	ug/L	71687	3	11.812	747544	50.0
Benzene, 2-ethe...	14.877	2.6	ug/L	39303	3	11.812	747544	50.0
Naphthalene, 1,...	15.018	3.2	ug/L	47393	3	11.812	747544	50.0
Biphenyl	15.950	5.4	ug/L	80621	3	11.812	747544	50.0
Naphthalene, 1,...	16.262	2.5	ug/L	38130	3	11.812	747544	50.0