LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

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\SFAMULM061022WMA.M
Title : VOC Analysis

Signal : TIC: VU049035.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	72	81	114	rBV	6180546	7487202	11.47%	4.964%
2	1.919	165	180	196	rBV2	192719	341106	0.52%	0.226%
3	2.160	247	255	272	rVB	25666	38357	0.06%	0.025%
4	2.240	273	280	291	rVB3	4164	5520	0.01%	0.004%
5	2.572	366	383	397	rBV5	454821	854265	1.31%	0.566%
6	2.681	408	417	426	rVV3	8985	14678	0.02%	0.010%
7	3.041	514	529	543	rBV	37830	69502	0.11%	0.046%
8	3.131	550	557	560	rBV2	966	1253	0.00%	0.001%
9	3.189	563	575	589	rVB3	7500	19754	0.03%	0.013%
10	3.350	608	625	654	rBV	659711	1283351	1.97%	0.851%
11	3.867	763	786	830	rBV	14238901	33764484	51.72%	22.384%
12	4.665	1011	1034	1093	rBV2	28877084	65279652	100.00%	43.276%
13	5.063	1145	1158	1184	rVB	161855	372595	0.57%	0.247%
14	5.314	1219	1236	1254	rBV	615625	1384625	2.12%	0.918%
15	5.526	1291	1302	1310	rVB4	3407	6652	0.01%	0.004%
16	5.723	1343	1363	1373	rBV2	306222	842107	1.29%	0.558%
17	5.964	1433	1438	1440	rBV4	1334	1203	0.00%	0.001%
18	6.153	1495	1497	1512	rVB6	1848	2954	0.00%	0.002%
19	6.247	1512	1526	1544	rBV	284555	530603	0.81%	0.352%
20	6.539	1601	1617	1639	rBV	2036165	3764862	5.77%	2.496%
21	6.690	1650	1664	1678	rBV2	203507	394650	0.60%	0.262%
22	6.967	1740	1750	1761	rBV3	7609	14299	0.02%	0.009%
23	7.169	1798	1813	1825	rBV5	8492	18713	0.03%	0.012%
24	7.253	1833	1839	1845	rVB7	1494	2125	0.00%	0.001%
25	7.565	1923	1936	1954	rBV	91765	160099	0.25%	0.106%
26	7.674	1966	1970	1980	rVB4	1005	1807	0.00%	0.001%
27	7.896	2026	2039	2051	rVV	377736	646512	0.99%	0.429%
28	7.967	2051	2061	2074	rVB	209215	351445	0.54%	0.233%
29	8.176	2110	2126	2141	rBV5	83056	174954	0.27%	0.116%
30	8.240	2141	2146	2148	rBV4	1301	1163	0.00%	0.001%
31	8.398	2182	2195	2211	rVB	124493	212389	0.33%	0.141%
32	8.485	2211	2222	2232	rBV3	7396	13252	0.02%	0.009%
33	8.552	2232	2243	2256	rVB2	94603	155399	0.24%	0.103%
34	8.632	2256	2268	2303	rBV2	312639	597617	0.92%	0.396%
35	8.864	2333	2340	2348	rVB5	4118	5880	0.01%	0.004%
36	8.925	2354	2359	2370	rVB9	1963	3206	0.00%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

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\SFAMULM061022WMA.M
Title : VOC Analysis

37	9.044	2389	2396	2403	rBV6	932	1333	0.00%	0.001%
38	9.105	2406	2415	2423	rVB4	1332	2411	0.00%	0.002%
39	9.272	2459	2467	2475	rBV4	1487	2222	0.00%	0.001%
40	9.417	2499	2512	2531	rBV	408569	668491	1.02%	0.443%
41	9.507	2537	2540	2547	rVB4	2733	3075	0.00%	0.002%
42	9.568	2547	2559	2576	rBV	531375	838571	1.28%	0.556%
43	9.690	2584	2597	2615	rBV	922801	1496309	2.29%	0.992%
44	9.890	2652	2659	2666	rVB8	1882	2699	0.00%	0.002%
45	10.038	2697	2705	2706	rBV3	1016	1305	0.00%	0.001%
46	10.099	2710	2724	2751	rVV	1615548	2519688	3.86%	1.670%
47	10.275	2767	2779	2789	rVB5	9309	15586	0.02%	0.010%
48	10.356	2797	2804	2805	rBV4	3314	3135	0.00%	0.002%
49	10.484	2832	2844	2856	rVV	228742	354717	0.54%	0.235%
50	10.603	2872	2881	2884	rBV6	2645	3318	0.01%	0.002%
51	10.642	2889	2893	2902	rVB7	3477	4502	0.01%	0.003%
52	10.697	2902	2910	2911	rBV7	4283	4520	0.01%	0.003%
53	10.758	2917	2929	2941	rBV	338163	552186	0.85%	0.366%
54	10.861	2956	2961	2962	rBV3	1386	1228	0.00%	0.001%
55	10.906	2963	2975	2990	rVV	427862	666453	1.02%	0.442%
56	10.996	2990	3003	3021	rVV	1697475	3214666	4.92%	2.131%
57	11.089	3021	3032	3052	rVB	1059579	1606735	2.46%	1.065%
58	11.230	3067	3076	3082	rBV3	8863	13019	0.02%	0.009%
59	11.291	3082	3095	3120	rVB	1312936	2009425	3.08%	1.332%
60	11.417	3126	3134	3135	rBV4	6627	6538	0.01%	0.004%
61	11.468	3137	3150	3167	rVB	4789172	7163431	10.97%	4.749%
62	11.610	3186	3194	3198	rBV	21373	31830	0.05%	0.021%
63	11.642	3199	3204	3214	rVB	48146	70195	0.11%	0.047%
64	11.745	3217	3236	3244	rBV	116657	184766	0.28%	0.122%
65	11.809	3244	3256	3270	rVB	465815	765553	1.17%	0.508%
66	11.893	3270	3282	3306	rVB	2189866	3353794	5.14%	2.223%
67	12.005	3309	3317	3328	rVB3	18432	31400	0.05%	0.021%
68	12.095	3328	3345	3352	rBV2	720742	1190912	1.82%	0.790%
69	12.192	3363	3375	3394	rVB5	696933	1459563	2.24%	0.968%
70	12.301	3400	3409	3422	rBV3	34413	53881	0.08%	0.036%
71	12.375	3422	3432	3446	rVB	99912	153944	0.24%	0.102%
72	12.484	3448	3466	3482	rBV2	595506	1310180	2.01%	0.869%
73	12.571	3484	3493	3501	rBV	203226	294794	0.45%	0.195%
74	12.684	3517	3528	3547	rBV2	92931	229771	0.35%	0.152%
75	12.806	3560	3566	3576	rVB5	10371	15761	0.02%	0.010%
76	12.877	3576	3588	3599	rVB2	78947	128290	0.20%	0.085%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
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Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

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\SFAMULM061022WMA.M
Title : VOC Analysis

77	12.973	3601	3618	3626	rBV	103598	162753	0.25%	0.108%
78	13.025	3626	3634	3649	rVB	171443	265037	0.41%	0.176%
79	13.108	3650	3660	3665	rBV7	11223	17882	0.03%	0.012%
80	13.198	3684	3688	3696	rVB2	4735	5813	0.01%	0.004%
81	13.256	3698	3706	3710	rBV4	7204	10991	0.02%	0.007%
82	13.291	3710	3717	3731	rVB	37694	57150	0.09%	0.038%
83	13.407	3744	3753	3756	rBV5	7882	12516	0.02%	0.008%
84	13.449	3756	3766	3779	rVV3	201897	349207	0.53%	0.232%
85	13.520	3782	3788	3797	rVB3	12152	18415	0.03%	0.012%
86	13.623	3810	3820	3835	rVB	62255	99113	0.15%	0.066%
87	13.735	3848	3855	3864	rVV8	10206	18297	0.03%	0.012%
88	13.790	3864	3872	3878	rVV4	5419	9278	0.01%	0.006%
89	13.838	3878	3887	3903	rVB5	14339	31103	0.05%	0.021%
90	14.018	3934	3943	3951	rVB7	2715	4778	0.01%	0.003%
91	14.086	3951	3964	3981	rBV	254619	430870	0.66%	0.286%
92	14.291	4021	4028	4037	rVV7	4417	7316	0.01%	0.005%
93	14.346	4037	4045	4053	rVB7	2123	3386	0.01%	0.002%
94	14.487	4081	4089	4096	rBV5	2412	3981	0.01%	0.003%
95	14.677	4138	4148	4162	rVB10	4756	10748	0.02%	0.007%
96	14.806	4183	4188	4198	rVB5	1973	3033	0.00%	0.002%
97	14.877	4204	4210	4216	rBV4	2076	2465	0.00%	0.002%
98	15.015	4246	4253	4263	rVB7	3381	5507	0.01%	0.004%
99	15.227	4308	4319	4334	rVV	19825	34056	0.05%	0.023%
100	15.410	4367	4376	4389	rBV	18781	31605	0.05%	0.021%

Sum of corrected areas: 150843732

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
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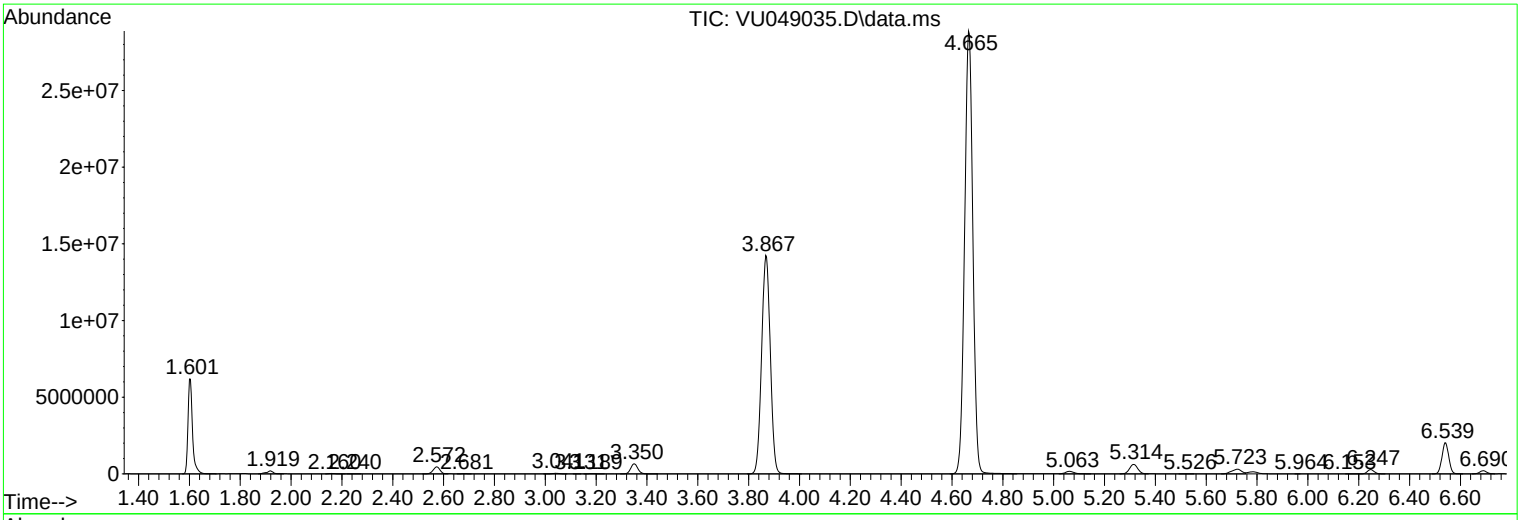
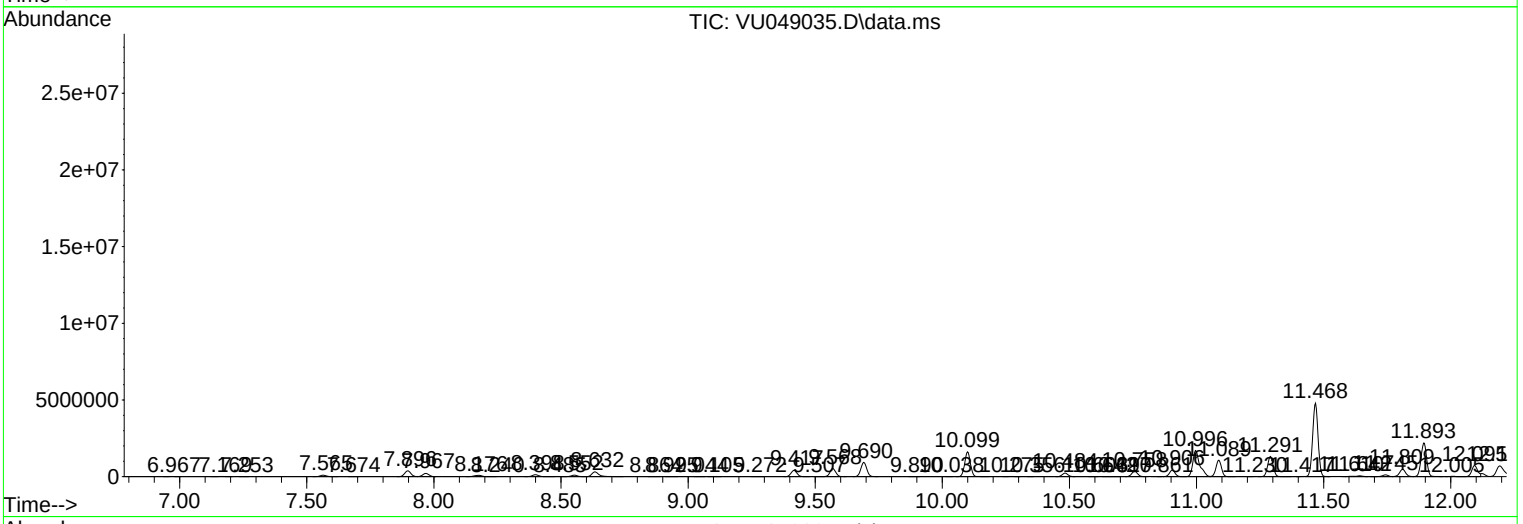
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

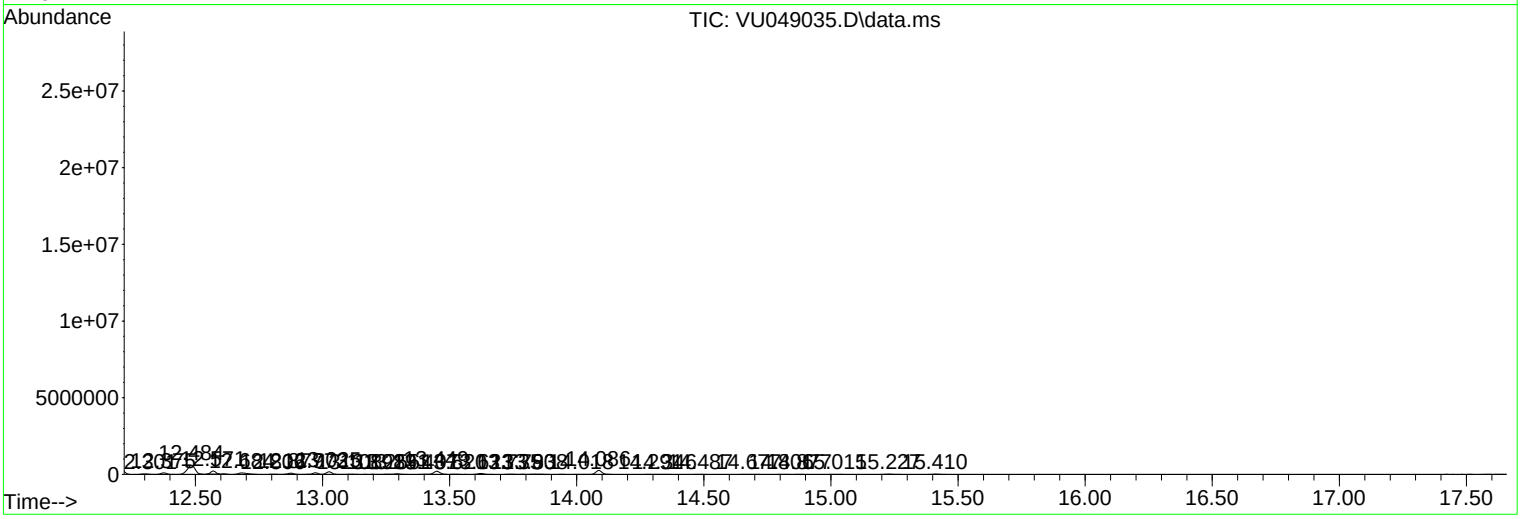
Instrument :
MSVOA_U
ClientSampleId :
EXYX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

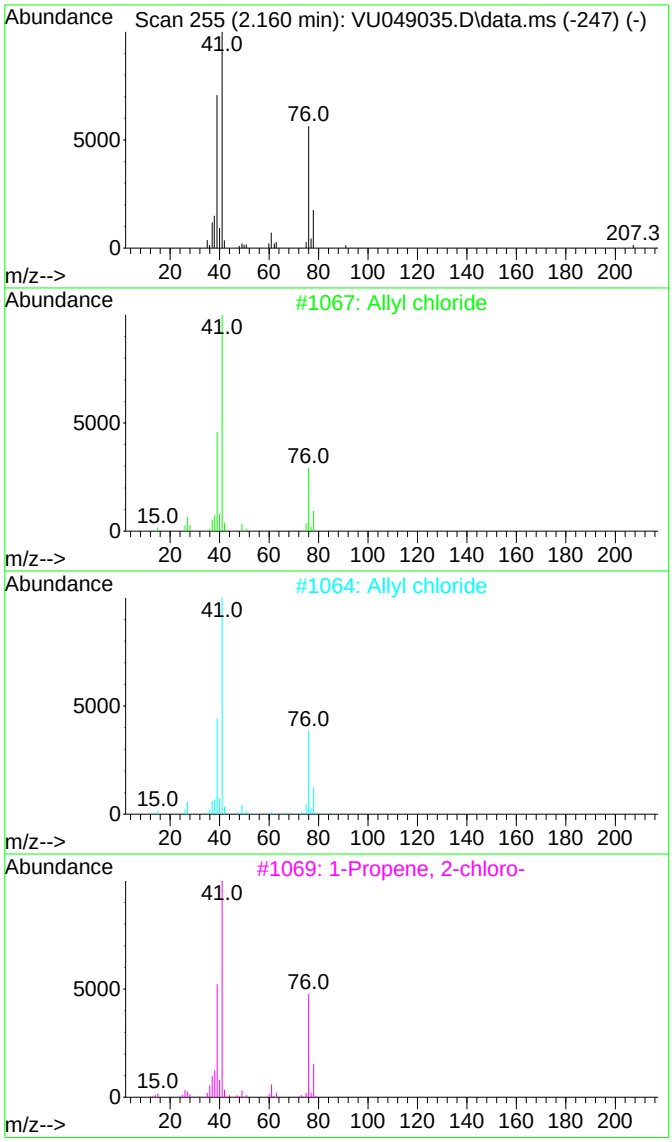
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

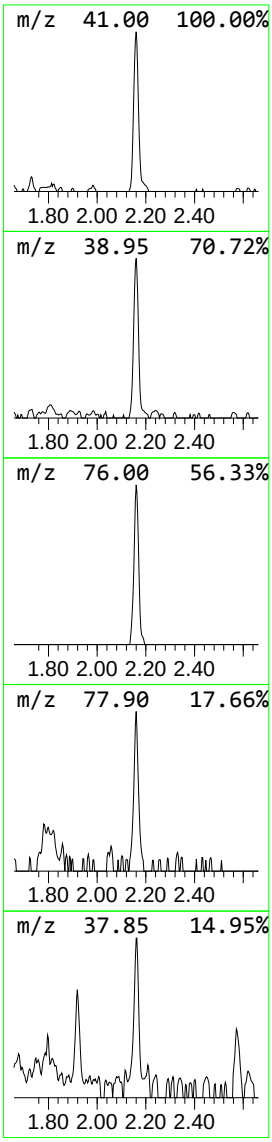
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Allyl chloride Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.160	3.61 ug/L	38357	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl chloride	76	C3H5Cl	000107-05-1	87
2	Allyl chloride	76	C3H5Cl	000107-05-1	86
3	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	76
4	Allyl chloride	76	C3H5Cl	000107-05-1	72
5	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

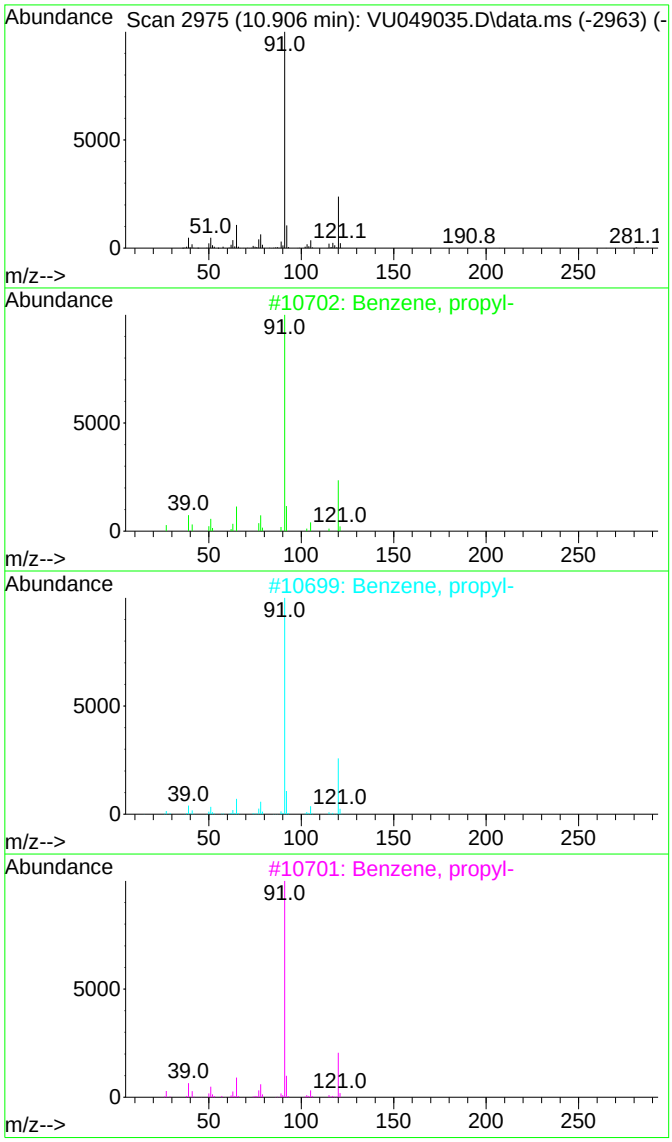
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

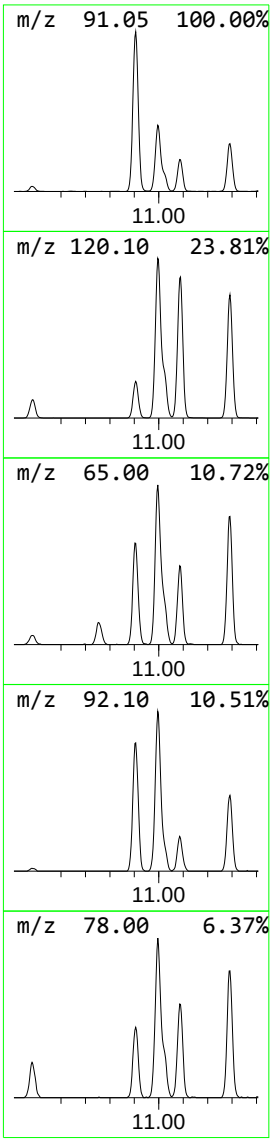
****

Peak Number 3 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	43.53 ug/L	666453	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	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Benzene, propyl-	120	C9H12	000103-65-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

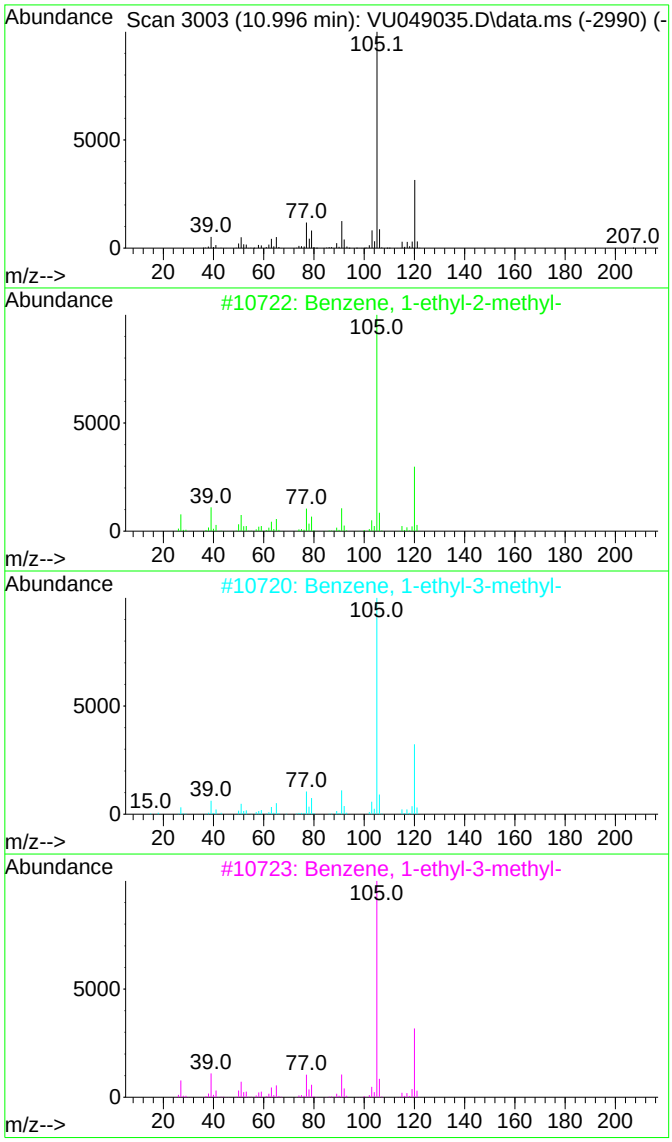
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

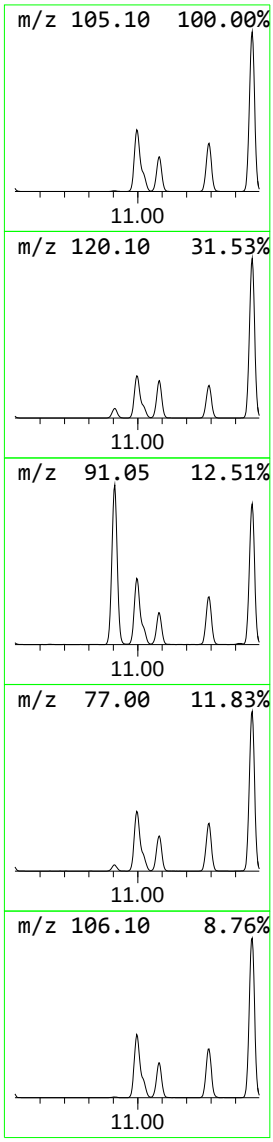
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	209.96 ug/L	3214670	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

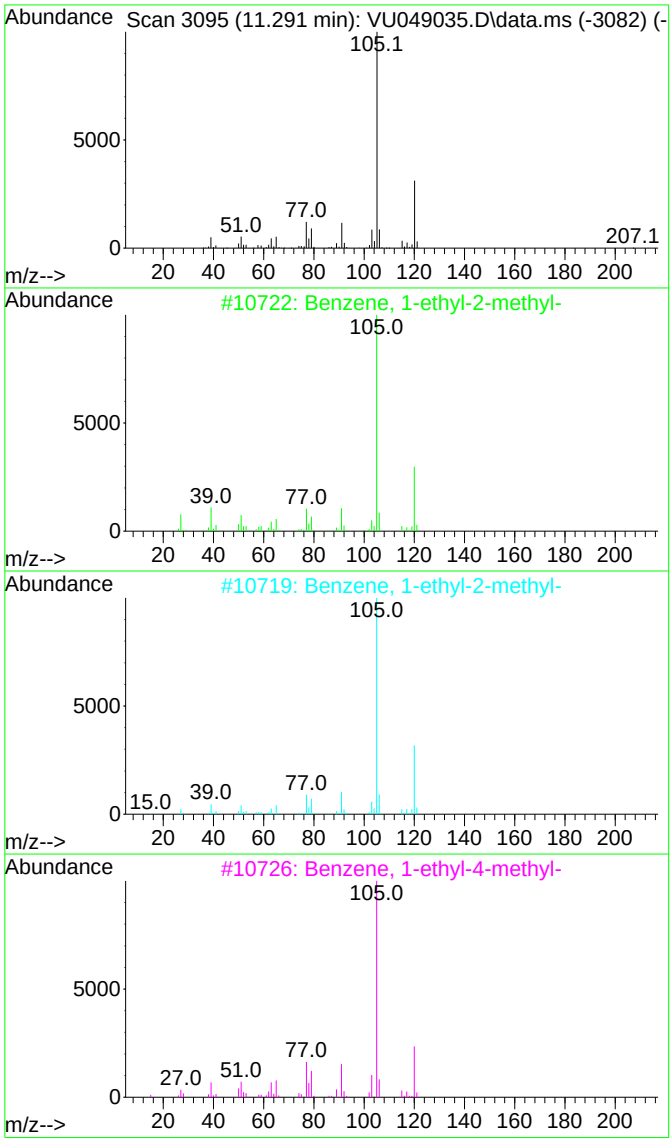
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

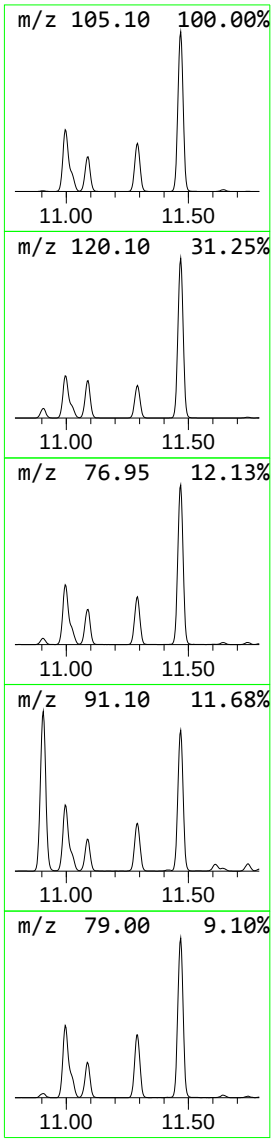
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	131.24 ug/L	2009430	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	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

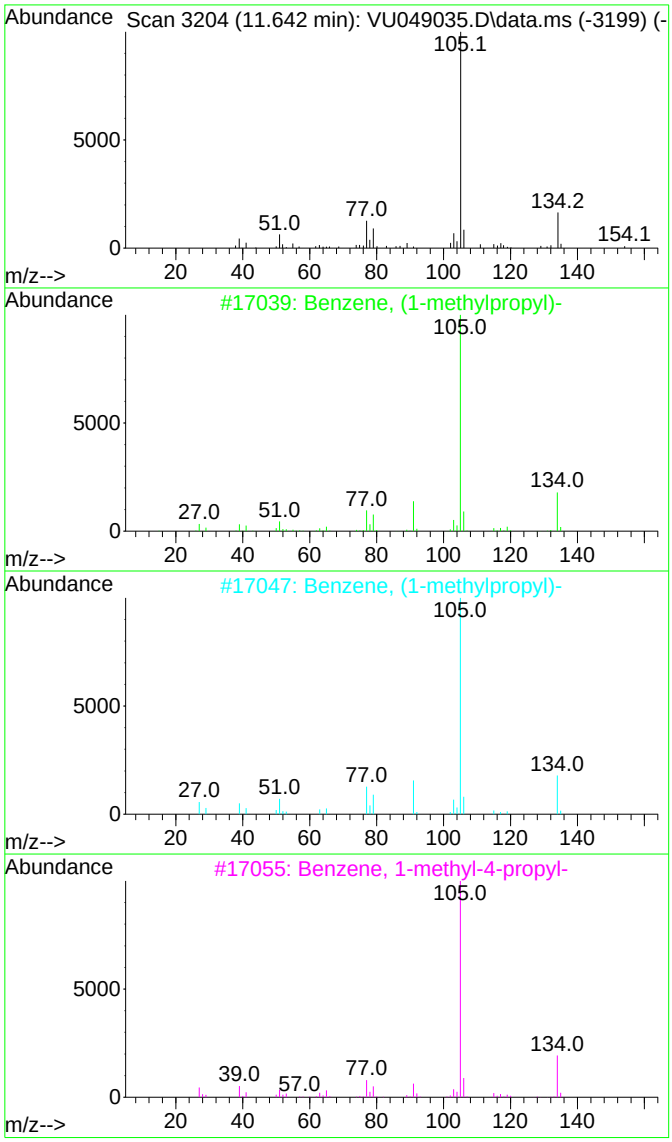
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

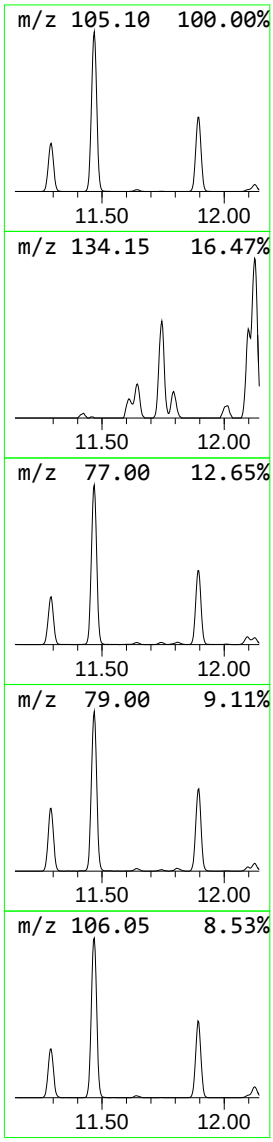
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.642	4.58 ug/L	70195	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

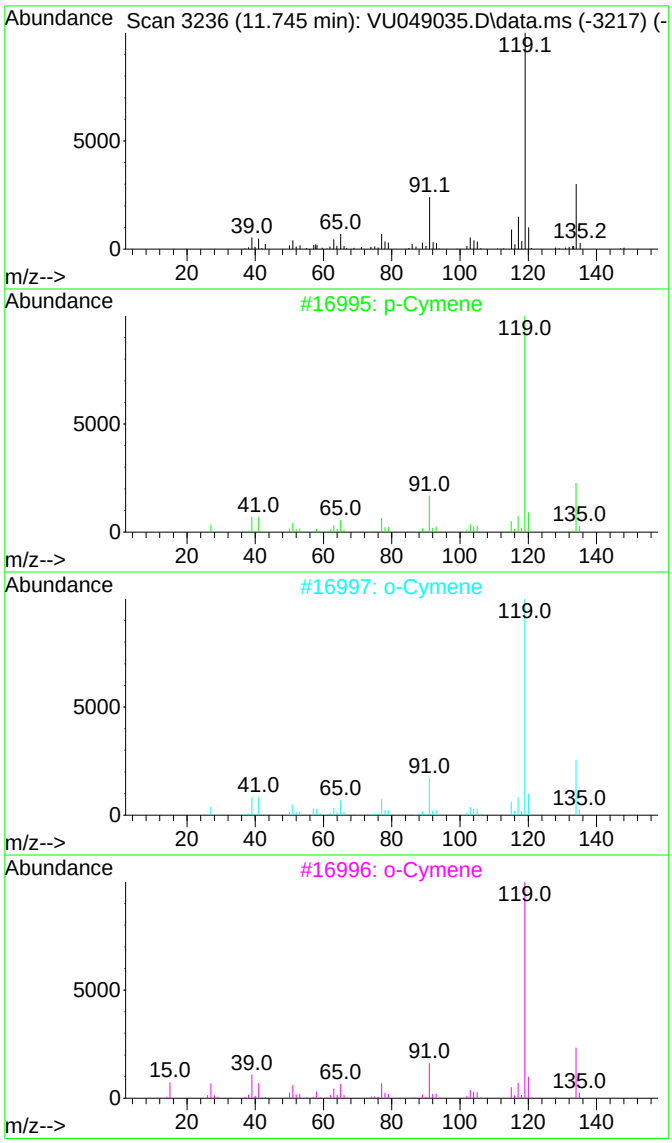
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

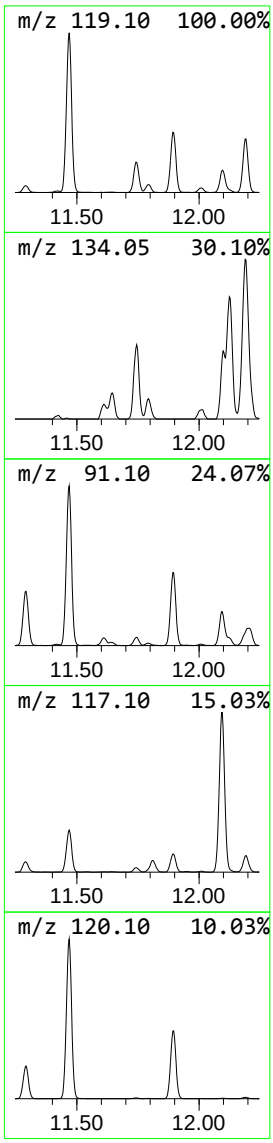
****

Peak Number 7 p-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	12.07 ug/L	184766	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

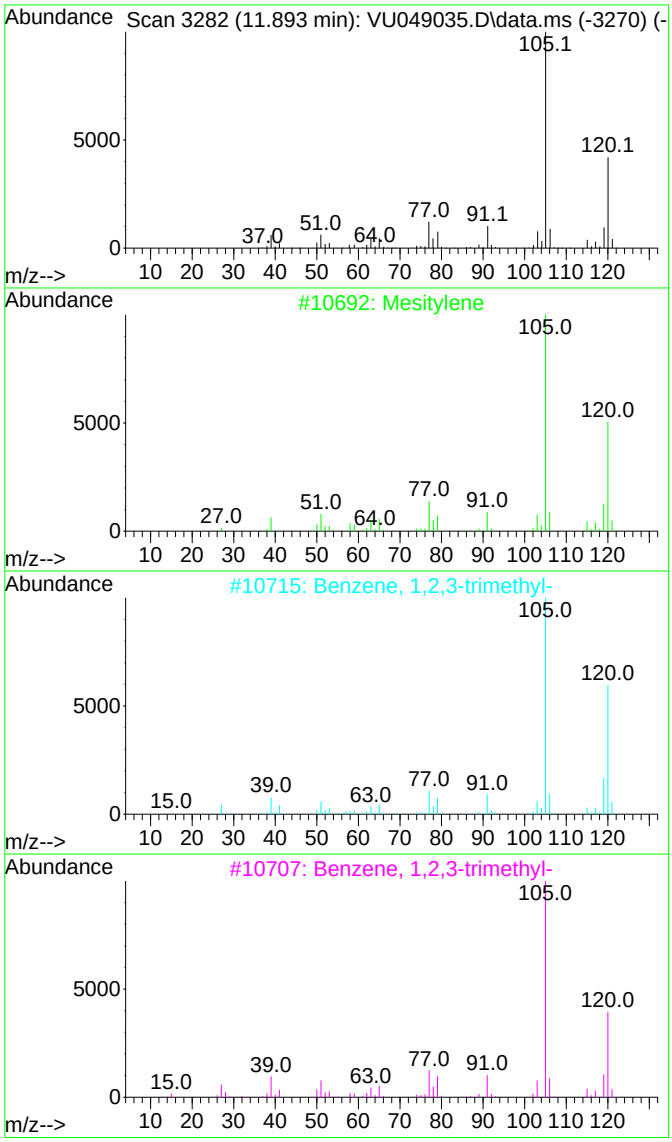
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

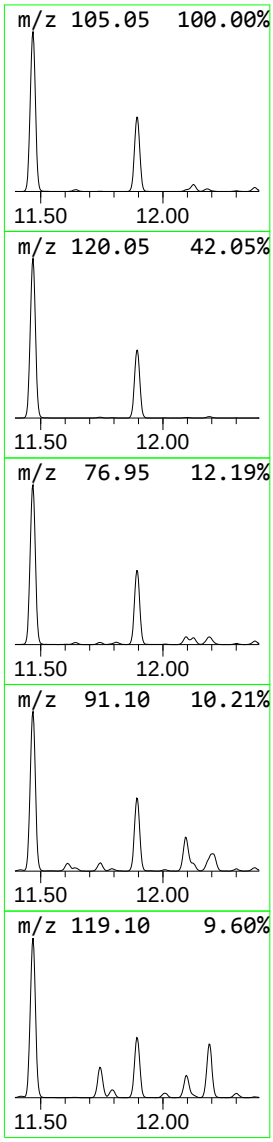
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	219.04 ug/L	3353790	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

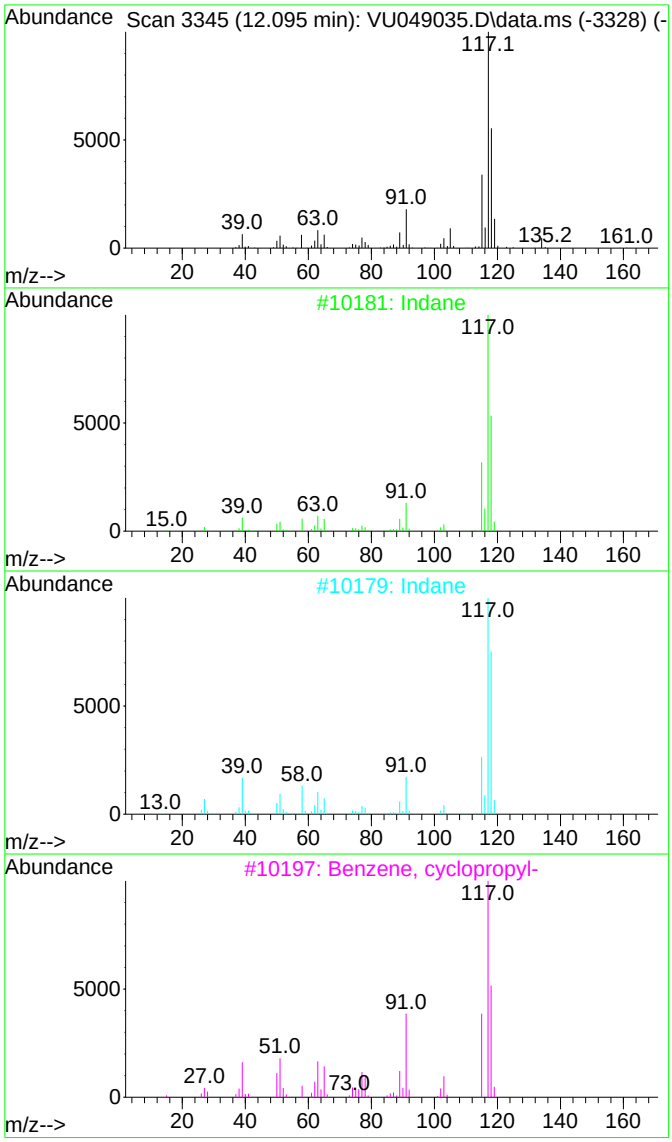
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

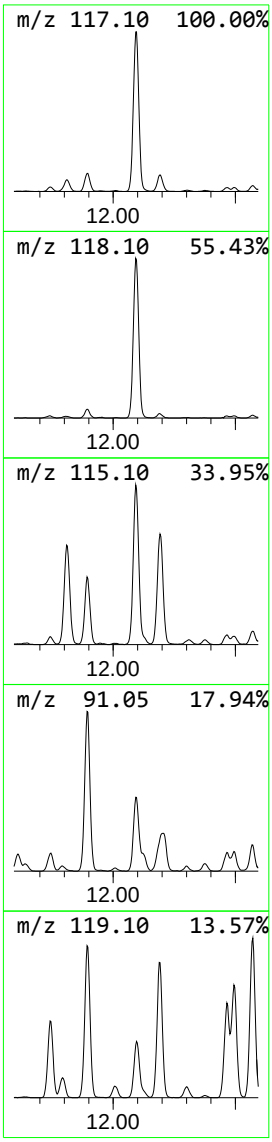
****

Peak Number 9 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	77.78 ug/L	1190910	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
5	Indane	118	C9H10	000496-11-7	74





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Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

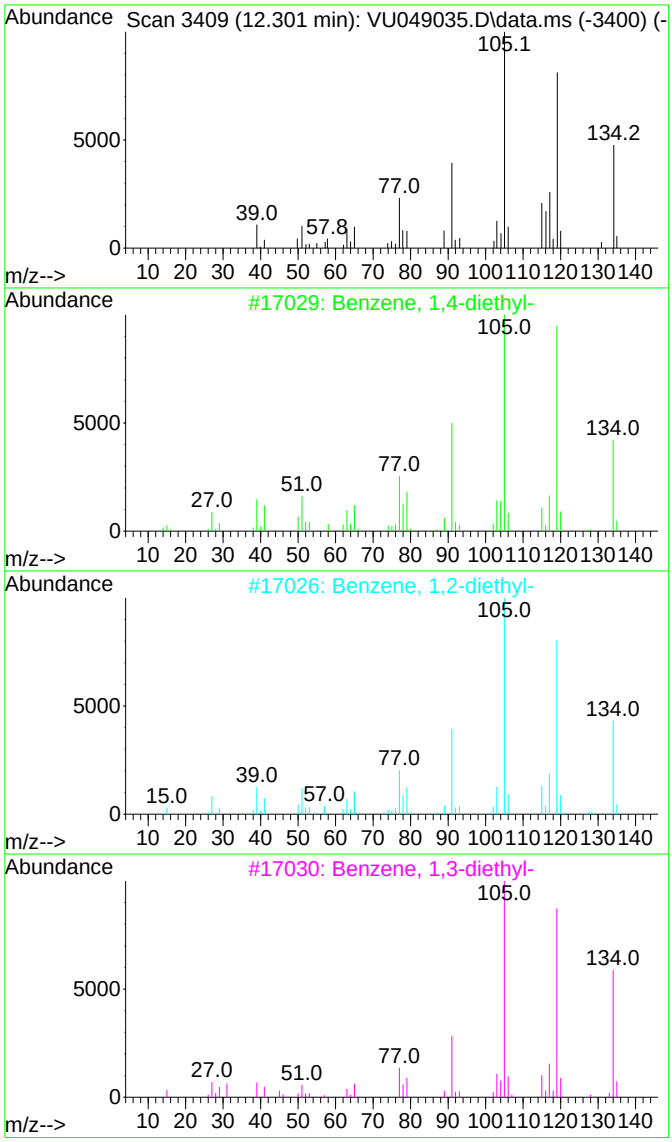
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

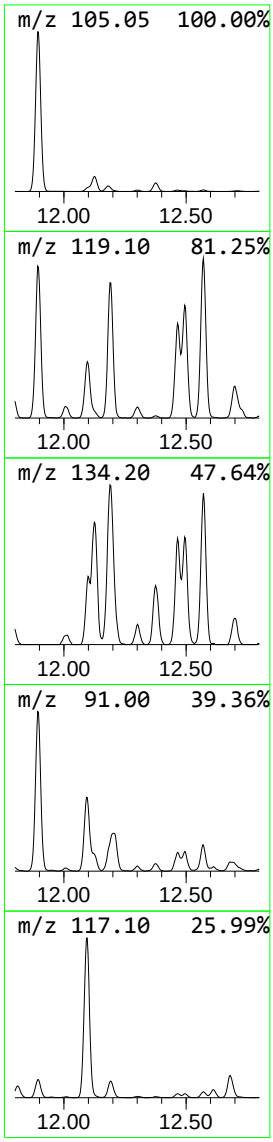
****

Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.301	3.52 ug/L	53881	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	81
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81





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Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

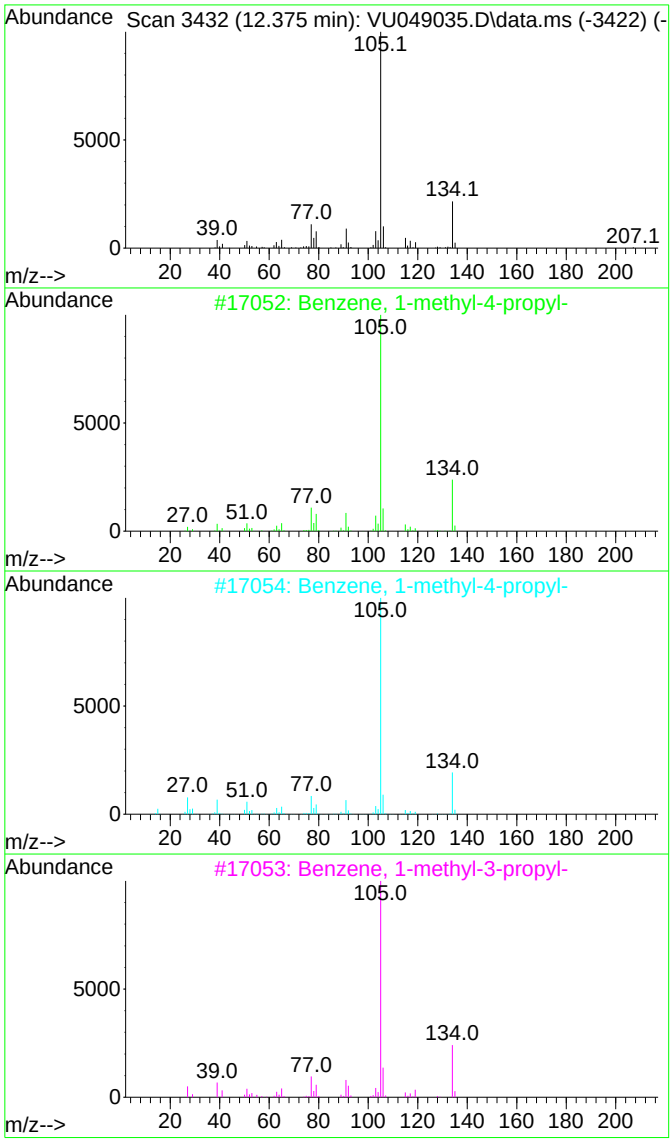
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

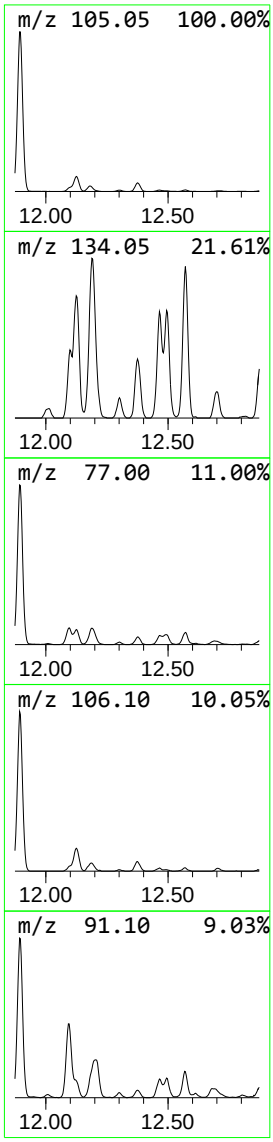
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	10.05 ug/L	153944	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





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Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

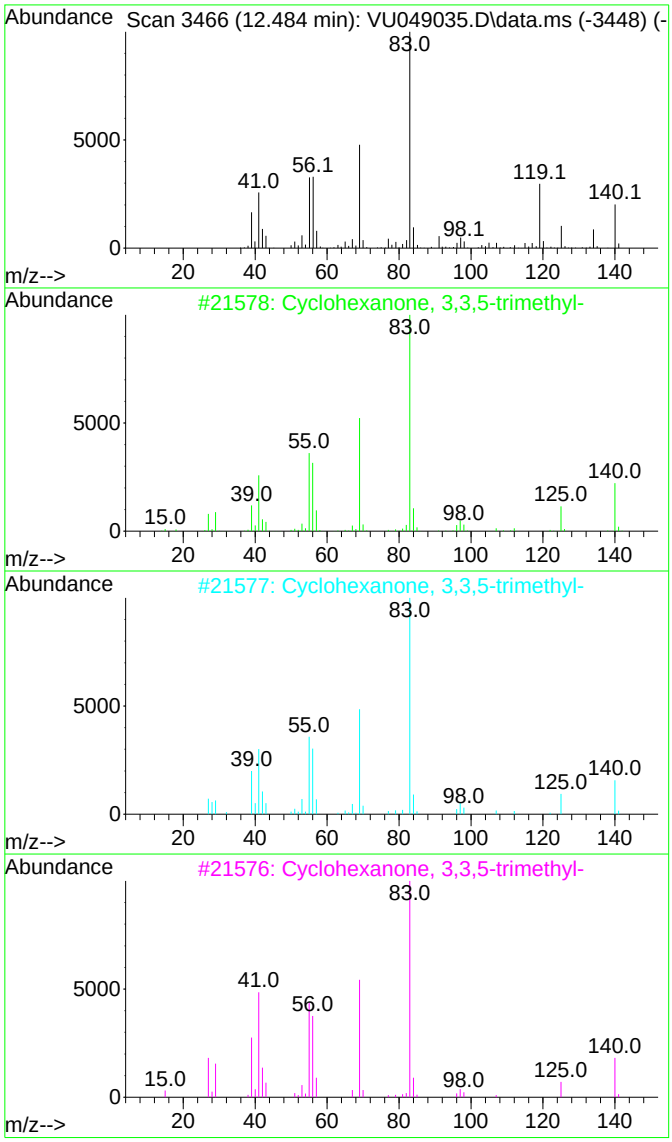
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

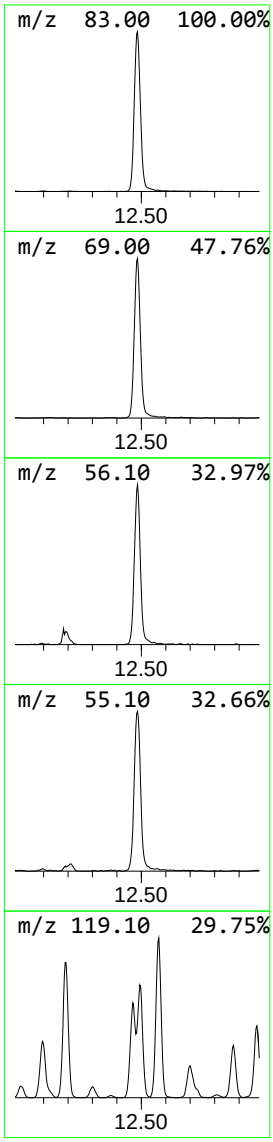
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.484	85.57 ug/L	1310180	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	93
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
5	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
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Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

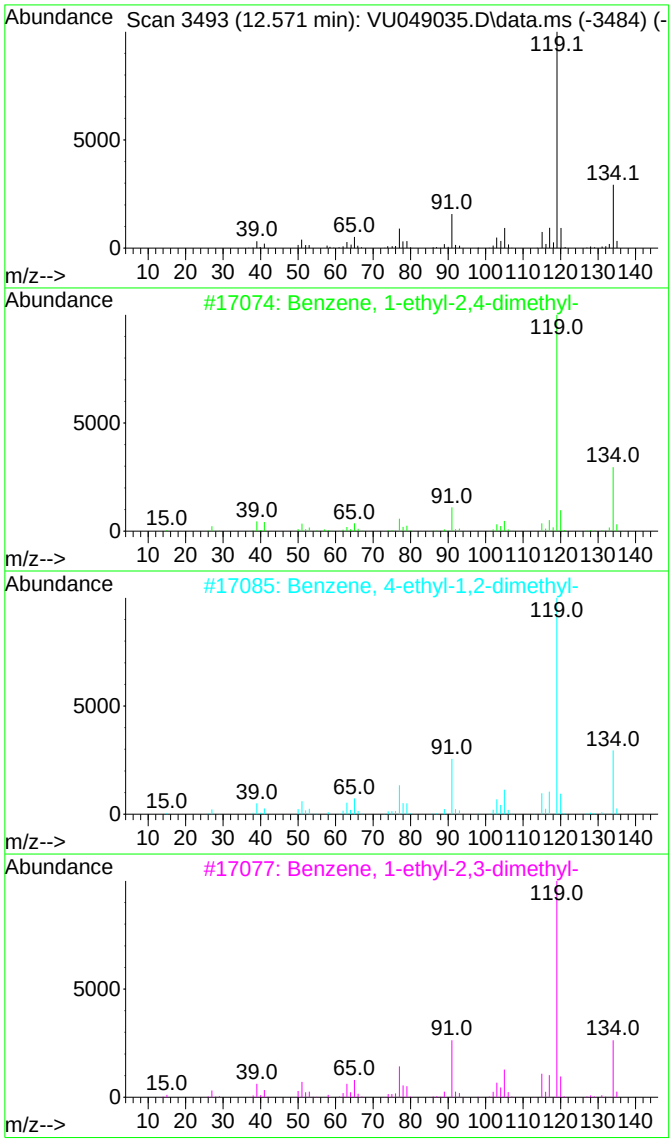
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

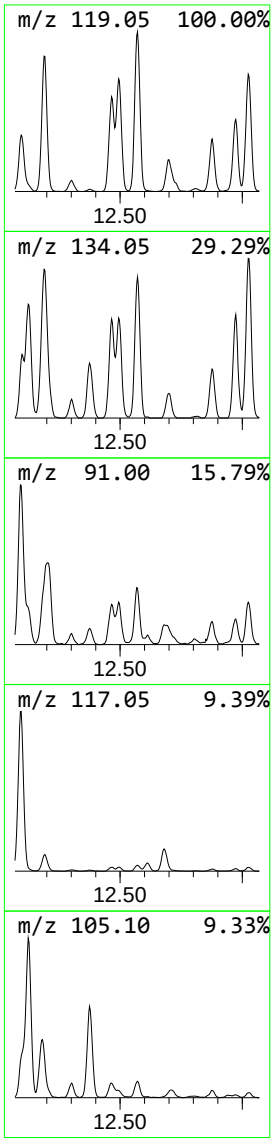
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	19.25 ug/L	294794	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	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

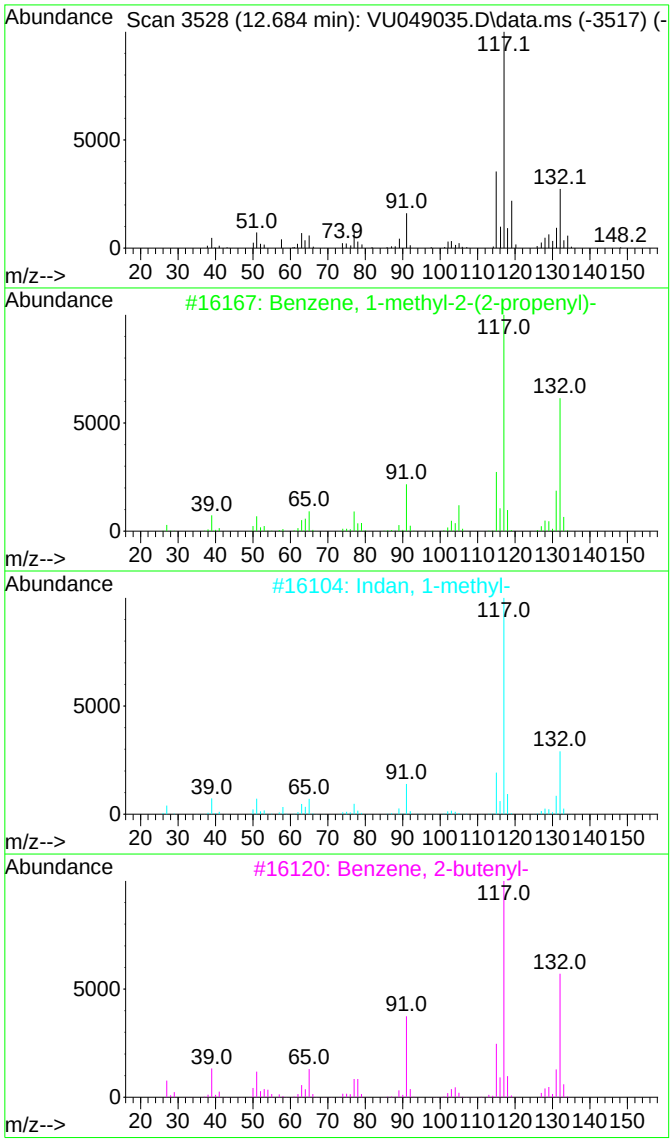
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

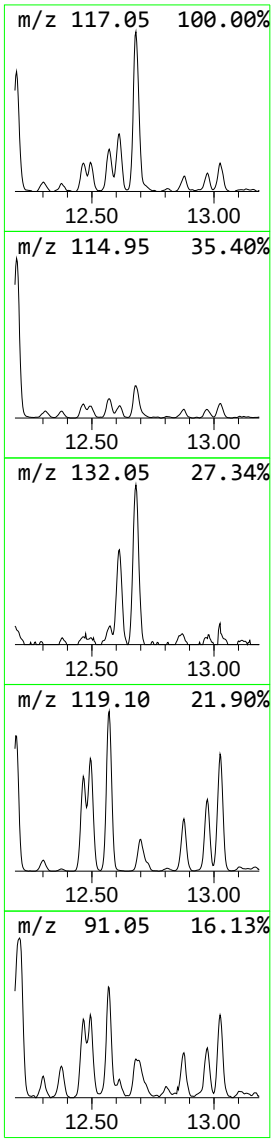
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-2-(2-prop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	15.01 ug/L	229771	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

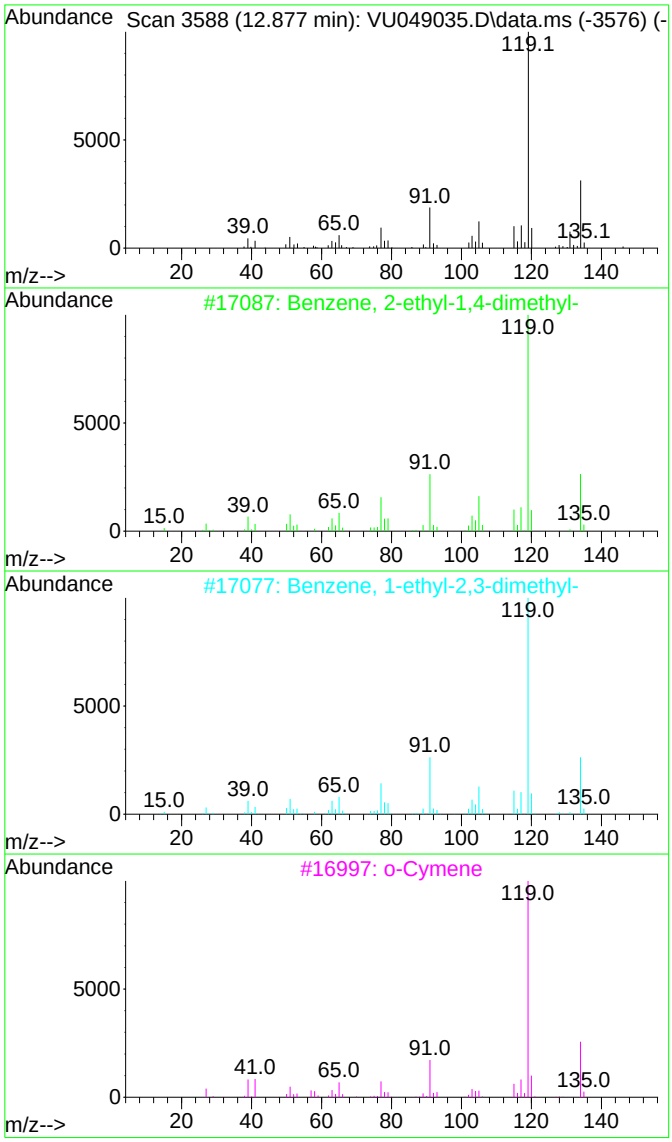
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

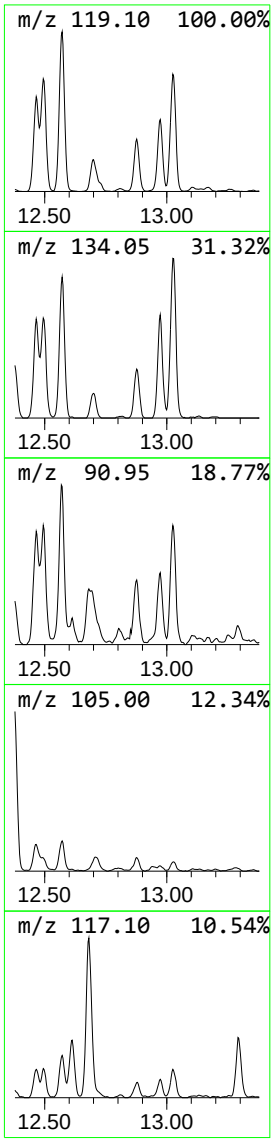
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	8.38 ug/L	128290	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

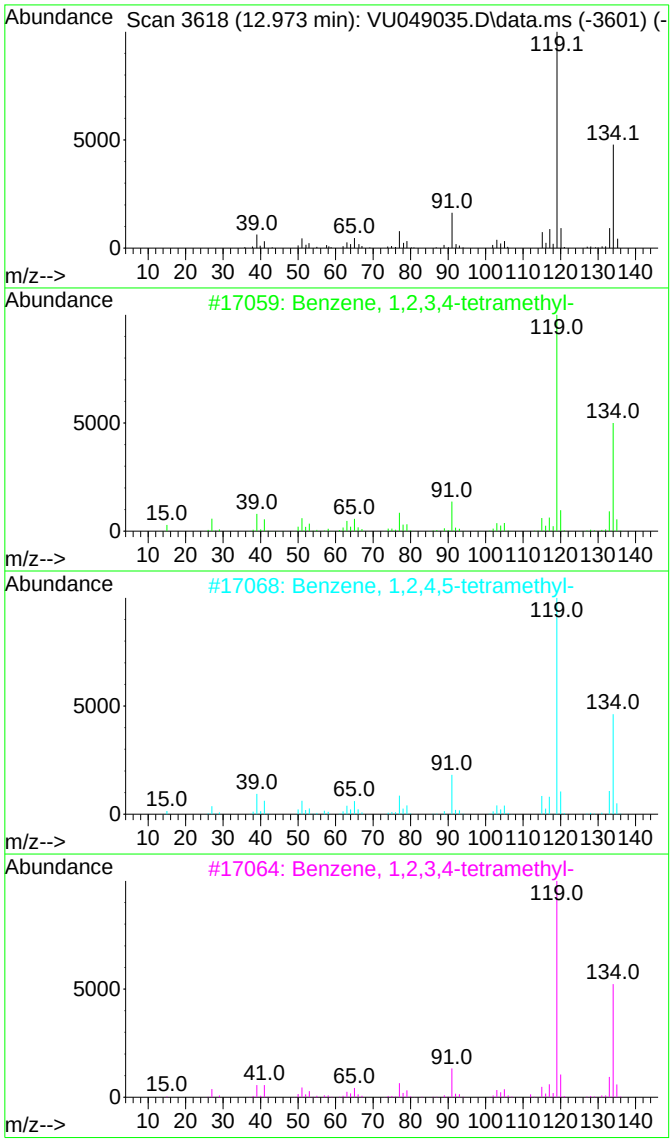
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

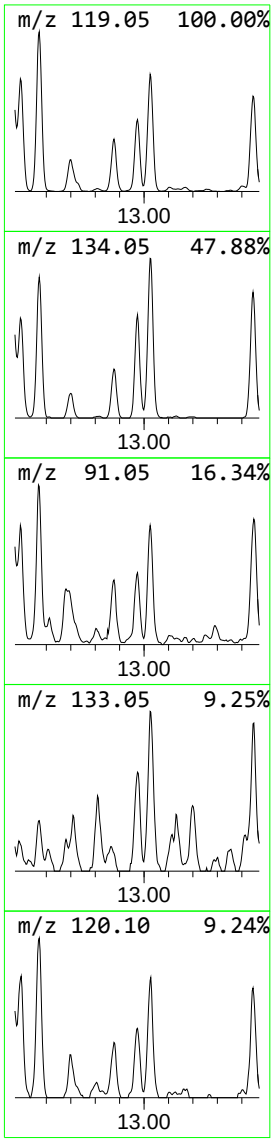
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	10.63 ug/L	162753	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

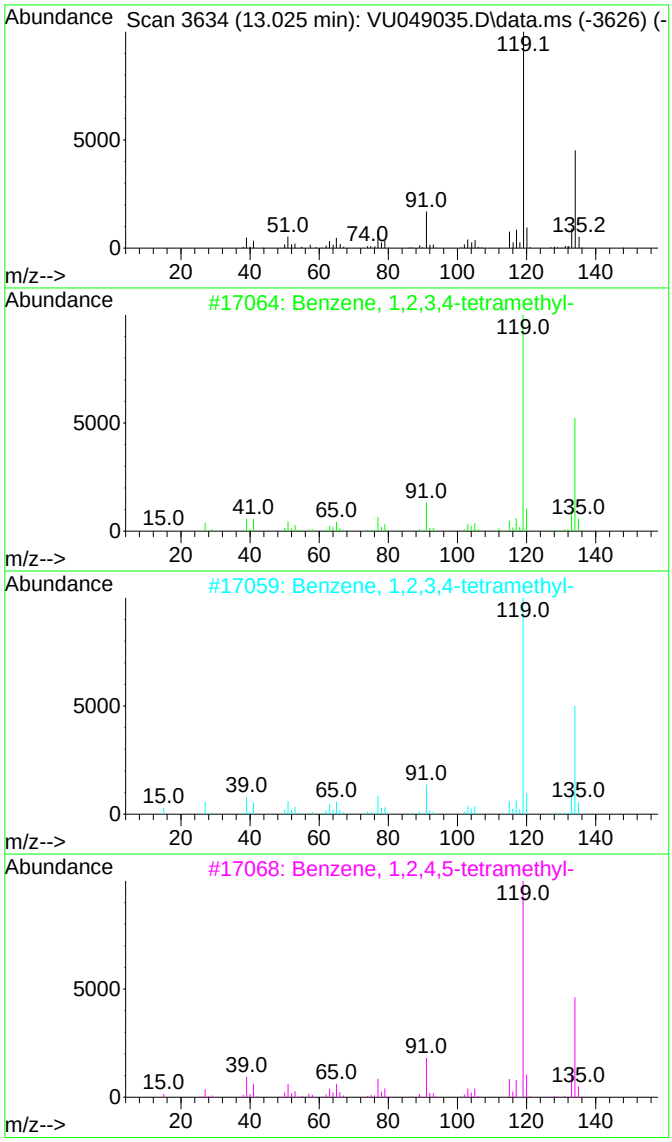
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

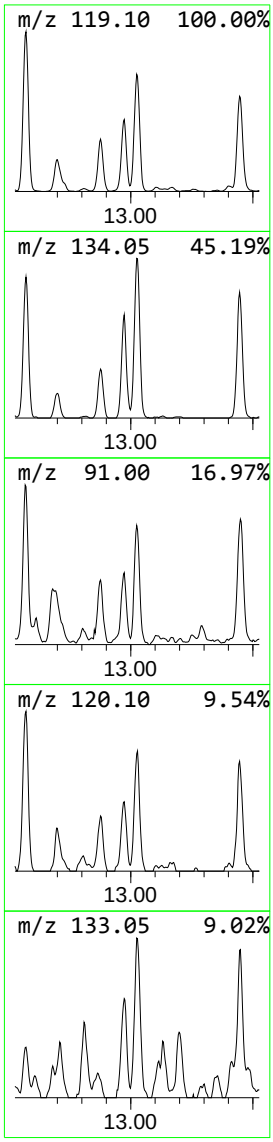
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	17.31 ug/L	265037	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

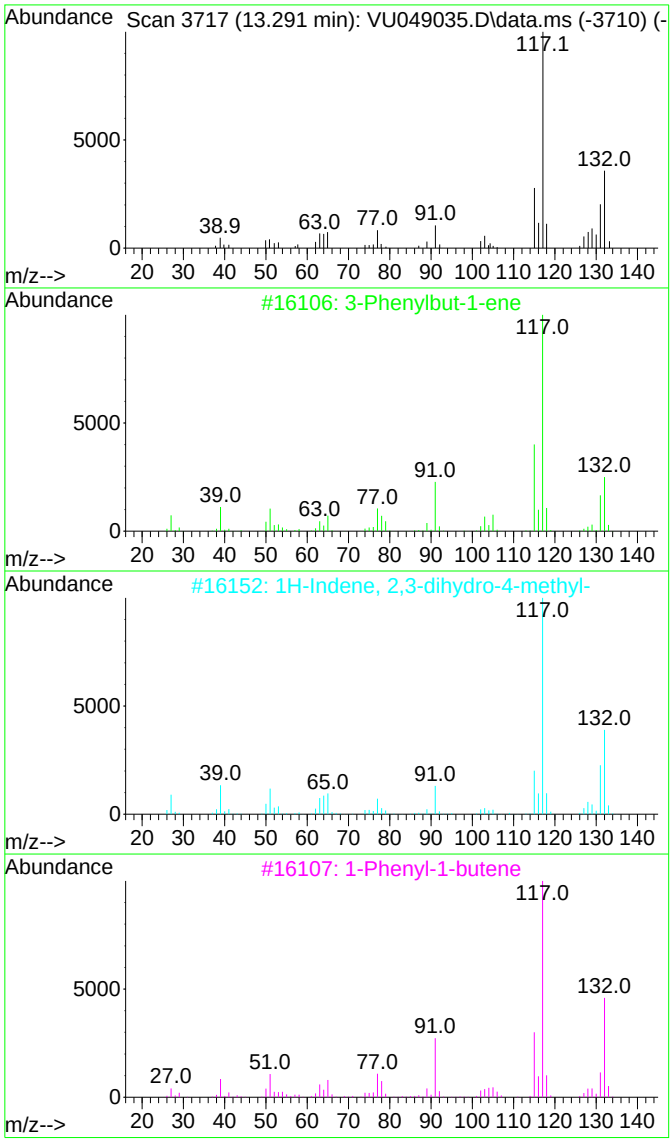
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

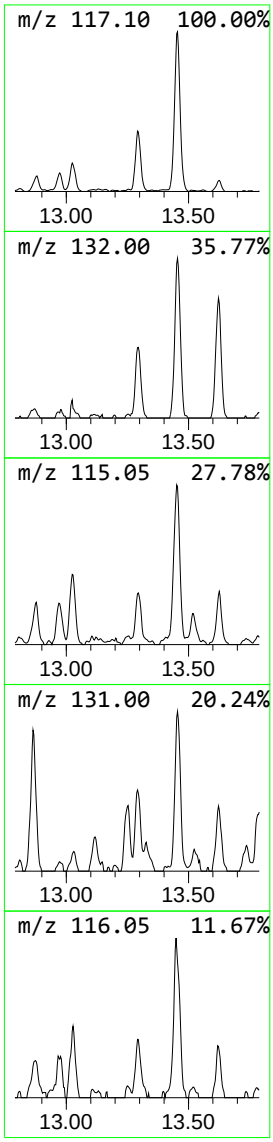
****

Peak Number 18 3-Phenylbut-1-ene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	3.73 ug/L	57150	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

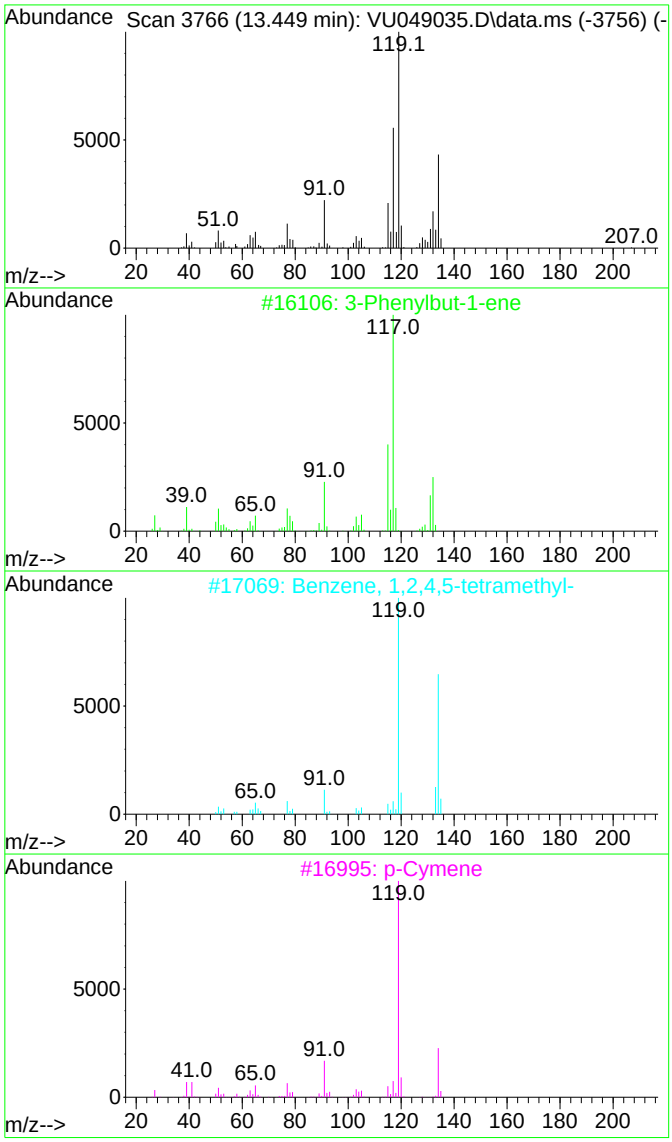
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

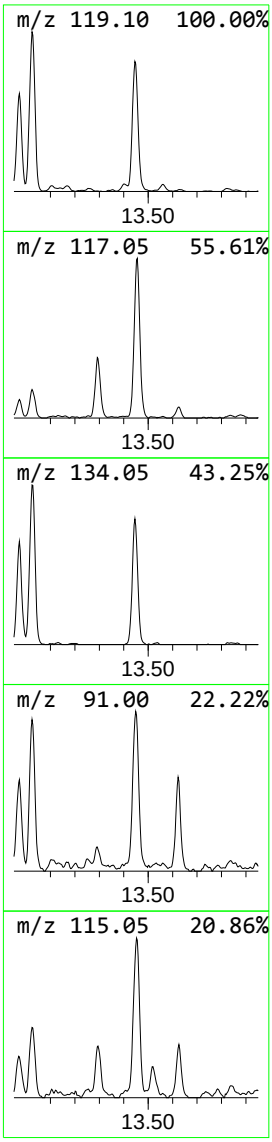
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	22.81 ug/L	349207	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	p-Cymene	134	C10H14	000099-87-6	64
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

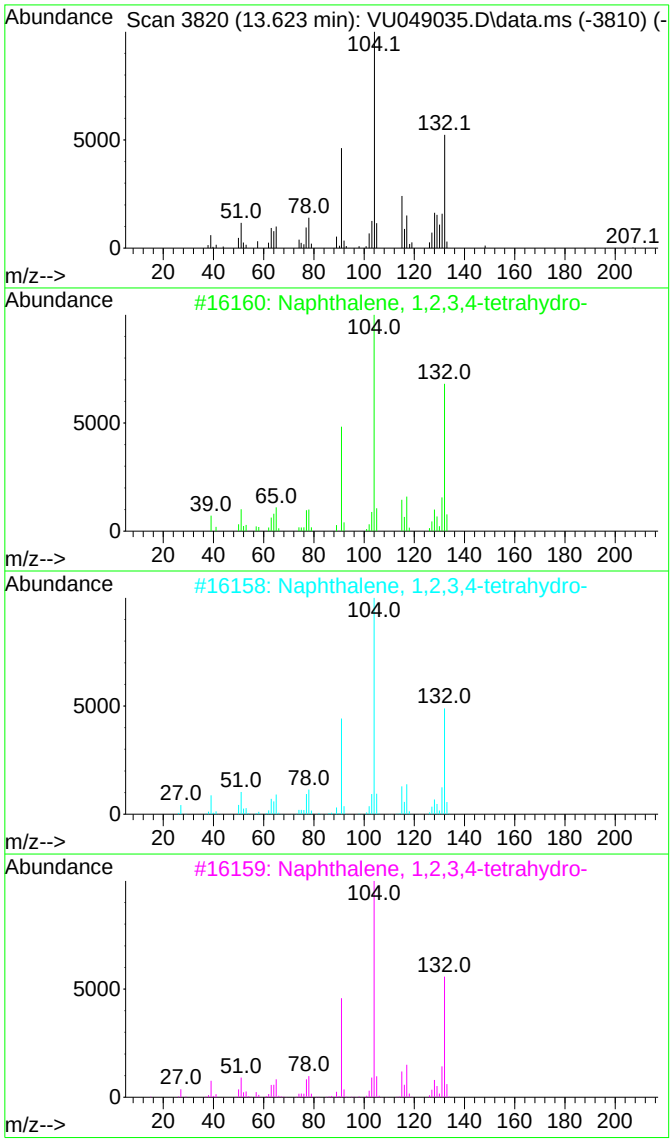
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

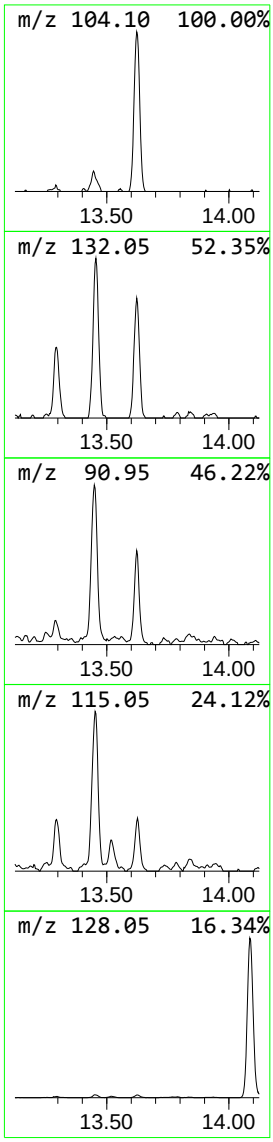
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	6.47 ug/L	99113	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis

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

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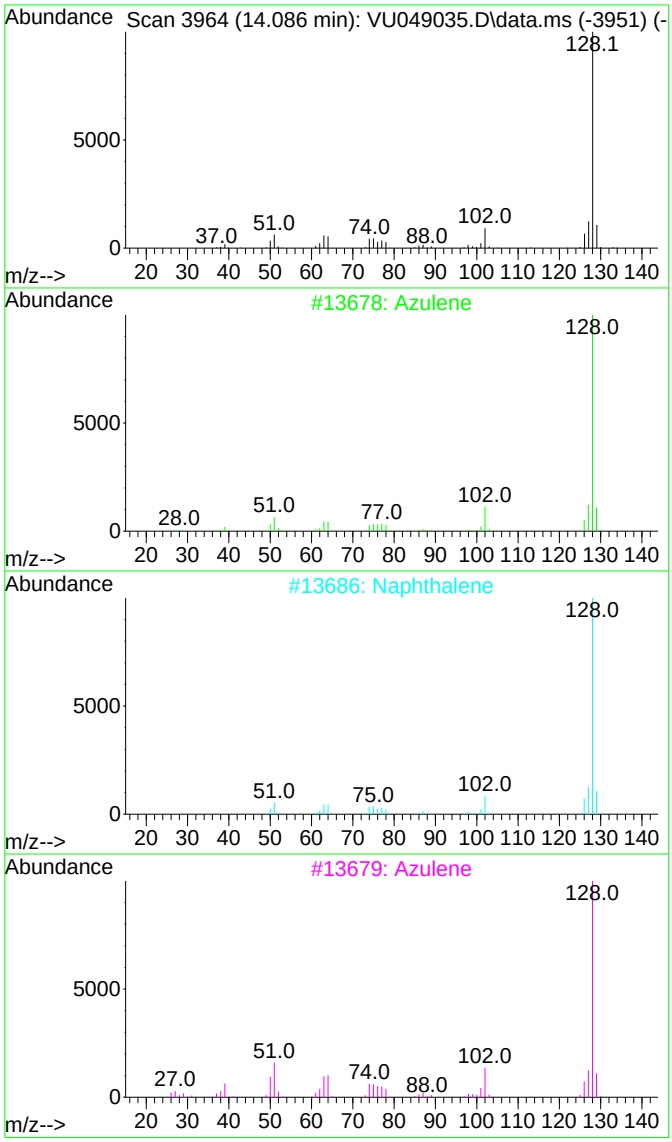
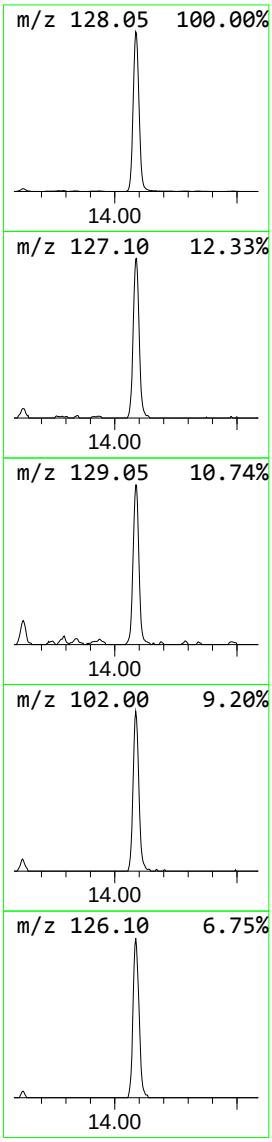
Peak Number 21 Azulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	28.14 ug/L	430870	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Naphthalene	128	C10H8	000091-20-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049035.D
Acq On : 11 Jun 2022 06:46
Operator : SY/MD
Sample : N3249-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYX5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.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
Allyl chloride	2.160	3.6	ug/L	38357	1	6.247	530603	50.0
Benzene, propyl-	10.906	43.5	ug/L	666453	3	11.812	765553	50.0
Benzene, 1-ethy...	10.996	210.0	ug/L	3214670	3	11.812	765553	50.0
Benzene, 1-ethy...	11.291	131.2	ug/L	2009430	3	11.812	765553	50.0
Benzene, (1-met...	11.642	4.6	ug/L	70195	3	11.812	765553	50.0
p-Cymene	11.745	12.1	ug/L	184766	3	11.812	765553	50.0
Benzene, 1,2,3-...	11.893	219.0	ug/L	3353790	3	11.812	765553	50.0
Indane	12.095	77.8	ug/L	1190910	3	11.812	765553	50.0
Benzene, 1,4-di...	12.301	3.5	ug/L	53881	3	11.812	765553	50.0
Benzene, 1-meth...	12.375	10.1	ug/L	153944	3	11.812	765553	50.0
Cyclohexanone, ...	12.484	85.6	ug/L	1310180	3	11.812	765553	50.0
Benzene, 4-ethy...	12.571	19.3	ug/L	294794	3	11.812	765553	50.0
Benzene, 1-meth...	12.684	15.0	ug/L	229771	3	11.812	765553	50.0
Benzene, 2-ethy...	12.877	8.4	ug/L	128290	3	11.812	765553	50.0
Benzene, 1,2,3,...	12.973	10.6	ug/L	162753	3	11.812	765553	50.0
Benzene, 1,2,4,...	13.025	17.3	ug/L	265037	3	11.812	765553	50.0
3-Phenylbut-1-ene	13.291	3.7	ug/L	57150	3	11.812	765553	50.0
Benzene, 1-ethy...	13.449	22.8	ug/L	349207	3	11.812	765553	50.0
Naphthalene, 1,...	13.623	6.5	ug/L	99113	3	11.812	765553	50.0
Azulene	14.086	28.1	ug/L	430870	3	11.812	765553	50.0