LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

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_V\Method\SFAMVLM062921WMA.M
Title : VOC Analysis

Signal : TIC: VV021602.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.207	43	52	59	rBV2	13222	26590	1.64%	0.129%
2	1.304	76	82	96	rVB	186080	184714	11.41%	0.896%
3	1.375	97	104	123	rBV	104989	121734	7.52%	0.590%
4	1.558	154	161	180	rVB	152938	181099	11.19%	0.878%
5	1.876	250	260	281	rBV	277957	433841	26.80%	2.104%
6	2.105	319	331	341	rBV	331115	501728	30.99%	2.433%
7	2.159	341	348	356	rVB	58527	81581	5.04%	0.396%
8	2.275	375	384	403	rVB2	20468	43205	2.67%	0.209%
9	2.384	413	418	429	rBV3	2144	4066	0.25%	0.020%
10	2.506	448	456	466	rVB3	3737	6394	0.39%	0.031%
11	2.616	486	490	492	rBV2	713	625	0.04%	0.003%
12	2.738	525	528	530	rVV2	861	705	0.04%	0.003%
13	2.757	530	534	545	rVB7	1788	3208	0.20%	0.016%
14	2.953	583	595	612	rBV	8998	20134	1.24%	0.098%
15	3.182	663	666	668	rBV2	765	541	0.03%	0.003%
16	3.352	712	719	746	rBV2	22778	60449	3.73%	0.293%
17	3.725	829	835	836	rBV2	830	698	0.04%	0.003%
18	3.822	856	865	869	rBV	4805	8314	0.51%	0.040%
19	3.873	871	881	912	rVB	156447	395001	24.40%	1.915%
20	4.352	1012	1030	1063	rBV3	284565	870878	53.79%	4.223%
21	5.047	1229	1246	1286	rBV2	623136	1619089	100.00%	7.850%
22	5.233	1302	1304	1308	rVB4	1098	620	0.04%	0.003%
23	5.326	1324	1333	1349	rBV5	7908	19268	1.19%	0.093%
24	5.513	1379	1391	1393	rBV6	4515	6990	0.43%	0.034%
25	5.619	1411	1424	1456	rBV	458136	921852	56.94%	4.470%
26	5.911	1505	1515	1529	rBV7	6321	13801	0.85%	0.067%
27	5.976	1532	1535	1538	rBV2	1102	853	0.05%	0.004%
28	6.072	1551	1565	1592	rBV	351476	722391	44.62%	3.503%
29	6.313	1636	1640	1643	rBV5	1542	1481	0.09%	0.007%
30	6.407	1665	1669	1671	rVB4	812	548	0.03%	0.003%
31	6.522	1695	1705	1719	rVB3	4439	8631	0.53%	0.042%
32	6.619	1727	1735	1748	rBV4	5058	12440	0.77%	0.060%
33	6.786	1777	1787	1792	rBV5	436	806	0.05%	0.004%
34	6.915	1822	1827	1829	rBV3	980	902	0.06%	0.004%
35	6.989	1838	1850	1872	rBV	204377	370241	22.87%	1.795%
36	7.095	1874	1883	1896	rVB4	15884	30169	1.86%	0.146%

LSC Area Percent Report

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Operator : SY/MD
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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

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_V\Method\SFAMVLM062921WMA.M
Title : VOC Analysis

37	7.317	1941	1952	1968	rBV	750113	1285281	79.38%	6.232%
38	7.397	1970	1977	2012	rVB2	35368	84084	5.19%	0.408%
39	7.567	2026	2030	2038	rVB6	2833	3490	0.22%	0.017%
40	7.622	2038	2047	2083	rVB	141687	272250	16.82%	1.320%
41	7.850	2115	2118	2120	rVV3	1212	946	0.06%	0.005%
42	7.982	2147	2159	2168	rBV3	2698	4900	0.30%	0.024%
43	8.027	2168	2173	2175	rBV3	2190	2142	0.13%	0.010%
44	8.088	2180	2192	2224	rBV	517237	905617	55.93%	4.391%
45	8.349	2269	2273	2285	rVB8	3709	5718	0.35%	0.028%
46	8.503	2316	2321	2322	rBV2	1131	931	0.06%	0.005%
47	8.596	2336	2350	2359	rBV6	5527	12722	0.79%	0.062%
48	8.670	2365	2373	2385	rVB4	8366	14666	0.91%	0.071%
49	8.792	2400	2411	2415	rBV5	8823	13701	0.85%	0.066%
50	8.853	2416	2430	2452	rVB	683802	1105795	68.30%	5.362%
51	9.104	2502	2508	2509	rBV5	2468	2468	0.15%	0.012%
52	9.143	2513	2520	2532	rVV3	31070	56045	3.46%	0.272%
53	9.207	2532	2540	2553	rVB3	17226	28622	1.77%	0.139%
54	9.275	2555	2561	2570	rVB7	2734	4162	0.26%	0.020%
55	9.355	2577	2586	2590	rBV	9321	13815	0.85%	0.067%
56	9.387	2590	2596	2607	rVB2	23142	36137	2.23%	0.175%
57	9.480	2618	2625	2634	rBV9	4031	7358	0.45%	0.036%
58	9.548	2638	2646	2667	rVB2	31812	60055	3.71%	0.291%
59	9.680	2682	2687	2688	rBV4	1105	946	0.06%	0.005%
60	9.712	2690	2697	2710	rVB2	14395	22439	1.39%	0.109%
61	9.934	2756	2766	2781	rVB	19143	35000	2.16%	0.170%
62	10.014	2785	2791	2802	rVB5	7560	11044	0.68%	0.054%
63	10.066	2805	2807	2808	rBV3	1502	688	0.04%	0.003%
64	10.091	2809	2815	2820	rBV5	6028	8003	0.49%	0.039%
65	10.217	2837	2854	2878	rVB	545066	866567	53.52%	4.202%
66	10.355	2886	2897	2915	rBV	103522	162932	10.06%	0.790%
67	10.448	2915	2926	2945	rBV	403698	852219	52.64%	4.132%
68	10.541	2945	2955	2965	rBV	259382	387972	23.96%	1.881%
69	10.628	2976	2982	2991	rVB4	9255	13108	0.81%	0.064%
70	10.689	2998	3001	3003	rBV3	1084	752	0.05%	0.004%
71	10.738	3004	3016	3029	rBV	247305	388854	24.02%	1.885%
72	10.914	3061	3071	3090	rVB	682588	1039606	64.21%	5.041%
73	11.088	3119	3125	3138	rVB2	52386	82576	5.10%	0.400%
74	11.149	3140	3144	3148	rVV5	7481	9165	0.57%	0.044%
75	11.194	3148	3158	3166	rVV2	237583	357648	22.09%	1.734%
76	11.252	3166	3176	3193	rVV	746464	1250060	77.21%	6.061%

LSC Area Percent Report

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Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

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_V\Method\SFAMVLM062921WMA.M
Title : VOC Analysis

77	11.339	3194	3203	3225	rVB	145880	249393	15.40%	1.209%
78	11.535	3252	3264	3272	rBV3	53323	109166	6.74%	0.529%
79	11.625	3282	3292	3315	rVB	779355	1300295	80.31%	6.305%
80	11.792	3337	3344	3349	rBV2	11278	15770	0.97%	0.076%
81	11.911	3371	3381	3387	rBV4	18493	31371	1.94%	0.152%
82	11.995	3398	3407	3428	rVB3	65606	134562	8.31%	0.652%
83	12.191	3462	3468	3475	rVB7	7741	10688	0.66%	0.052%
84	12.242	3478	3484	3493	rVV7	10700	19706	1.22%	0.096%
85	12.303	3494	3503	3515	rVB3	135625	213335	13.18%	1.034%
86	12.467	3547	3554	3559	rBV6	24620	33337	2.06%	0.162%
87	12.503	3561	3565	3574	rVB3	25595	33533	2.07%	0.163%
88	12.593	3587	3593	3600	rVB3	20357	26745	1.65%	0.130%
89	12.889	3676	3685	3701	rBV	221823	327210	20.21%	1.587%
90	13.545	3884	3889	3899	rVB	77197	99900	6.17%	0.484%
91	13.638	3909	3918	3933	rVB4	98988	212563	13.13%	1.031%
92	13.901	3992	4000	4015	rVB	523318	717795	44.33%	3.480%
93	14.654	4229	4234	4244	rVB	48382	60881	3.76%	0.295%
94	14.847	4286	4294	4303	rBV	233891	316928	19.57%	1.537%
95	15.120	4372	4379	4395	rVB	54185	87480	5.40%	0.424%
96	15.705	4549	4561	4580	rVB2	188463	330139	20.39%	1.601%
97	16.310	4743	4749	4762	rVB6	13065	19694	1.22%	0.095%
98	16.387	4767	4773	4781	rVB7	7204	11273	0.70%	0.055%
99	16.525	4808	4816	4826	rVB2	41333	62876	3.88%	0.305%
100	16.847	4907	4916	4932	rVB2	70784	113494	7.01%	0.550%

Sum of corrected areas: 20624205

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021602.D
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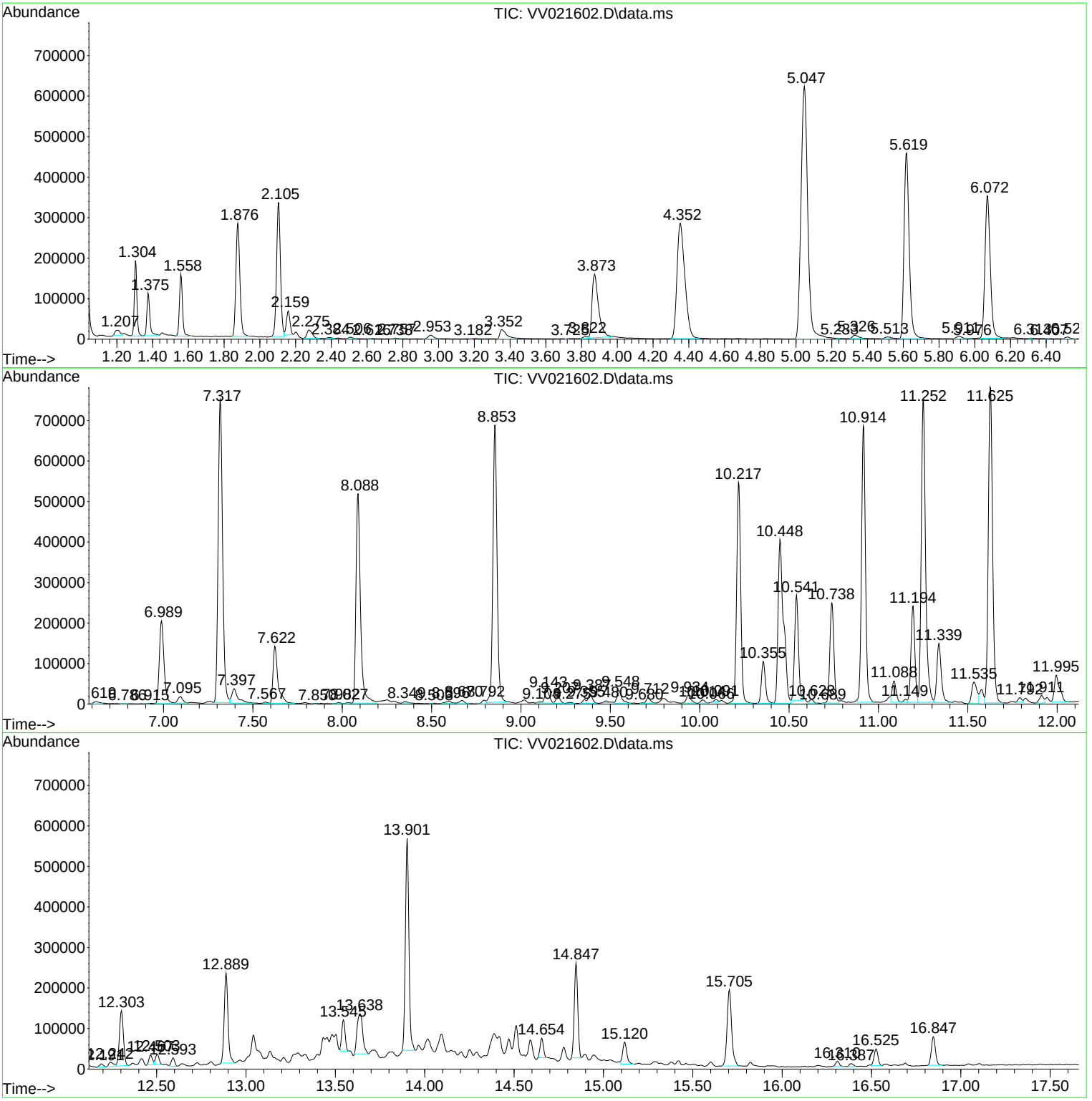
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021602.D
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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

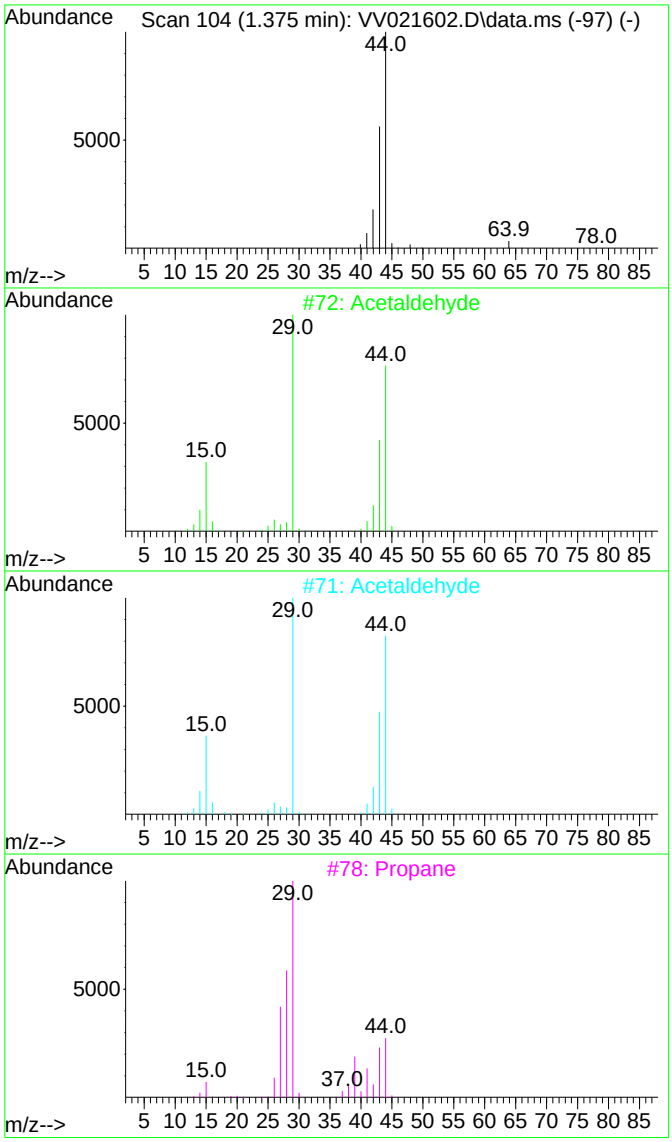
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

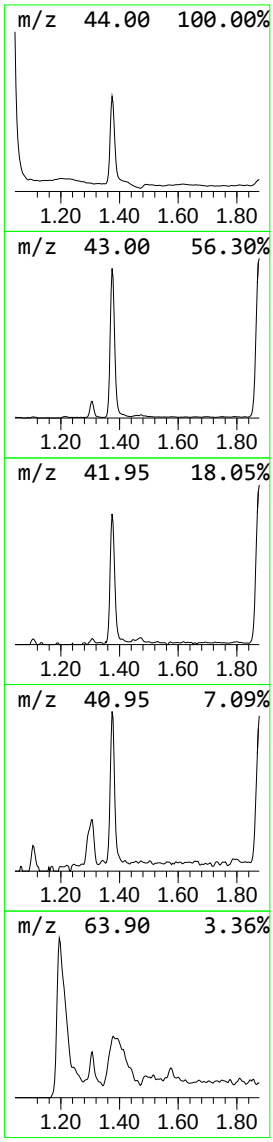
****

Peak Number 1 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.375	6.60 ug/L	121734	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	9
2	Acetaldehyde	44	C2H4O	000075-07-0	9
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

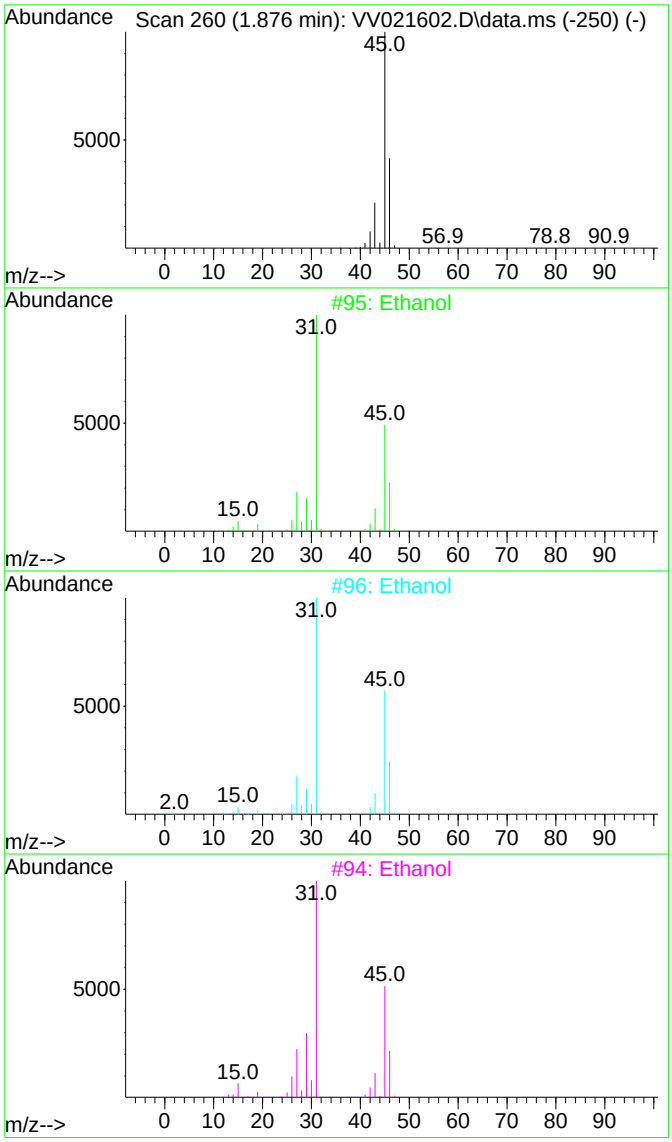
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

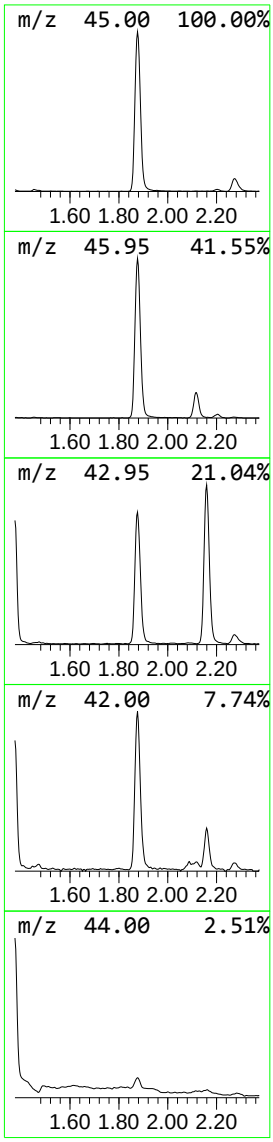
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.876	23.53 ug/L	433841	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	78
2	Ethanol	46	C2H6O	000064-17-5	78
3	Ethanol	46	C2H6O	000064-17-5	64
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Dimethyl ether	46	C2H6O	000115-10-6	9





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Instrument :
MSVOA_V
ClientSampleId :
DBK44

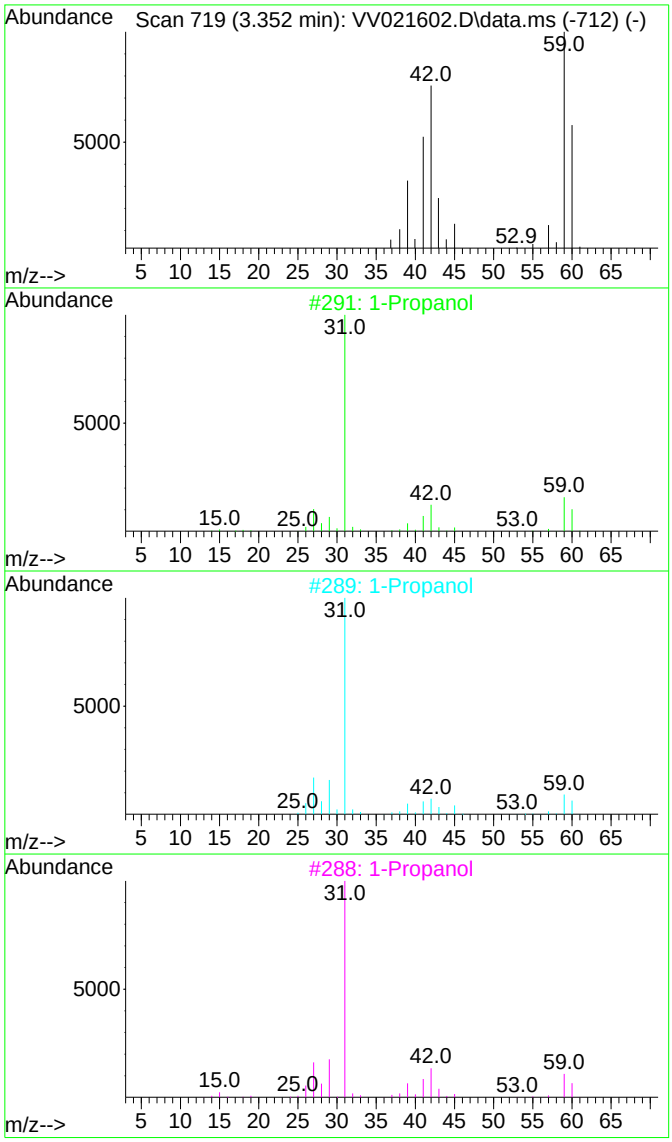
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

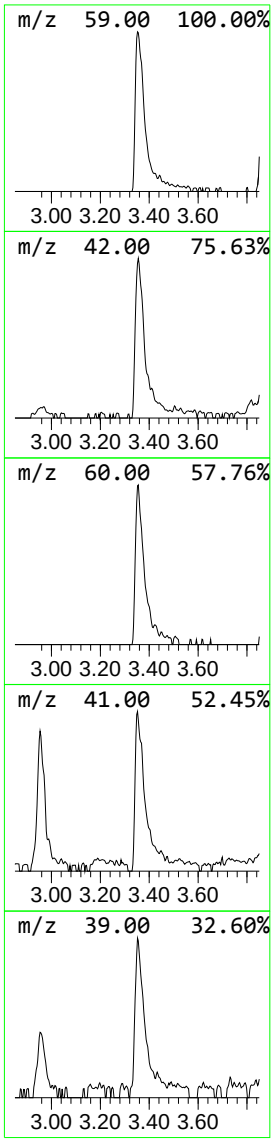
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Propanol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.352	3.28 ug/L	60449	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol	60	C3H8O	000071-23-8	78
2	1-Propanol	60	C3H8O	000071-23-8	72
3	1-Propanol	60	C3H8O	000071-23-8	59
4	2-Fluoropropene	60	C3H5F	001184-60-7	49
5	2-Fluoropropene	60	C3H5F	001184-60-7	47





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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

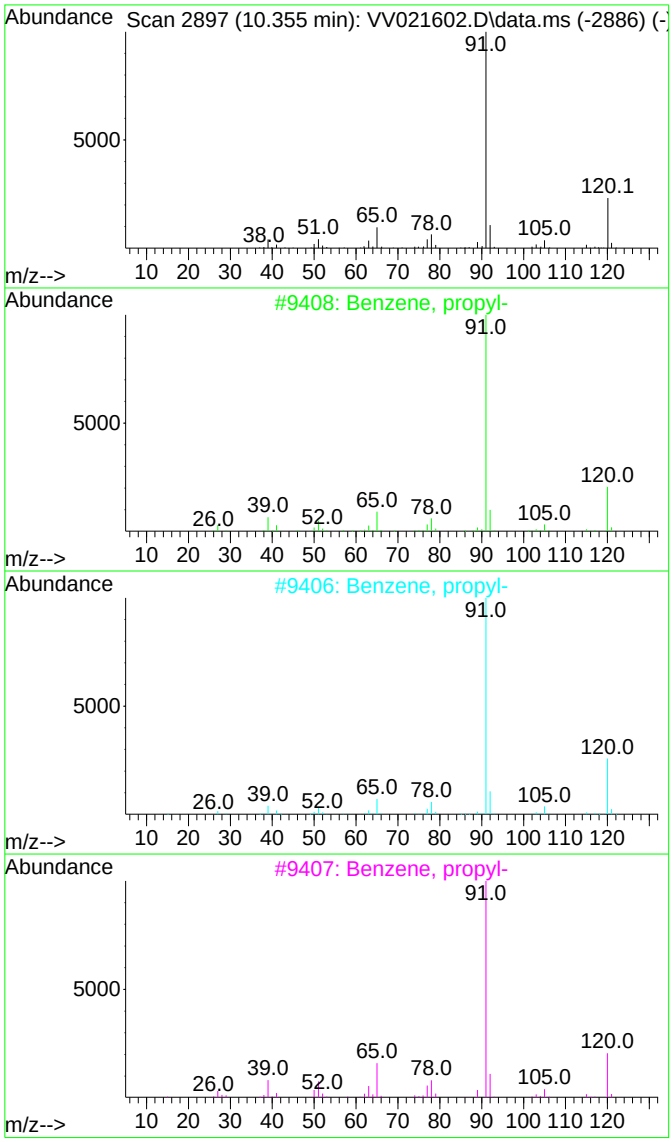
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

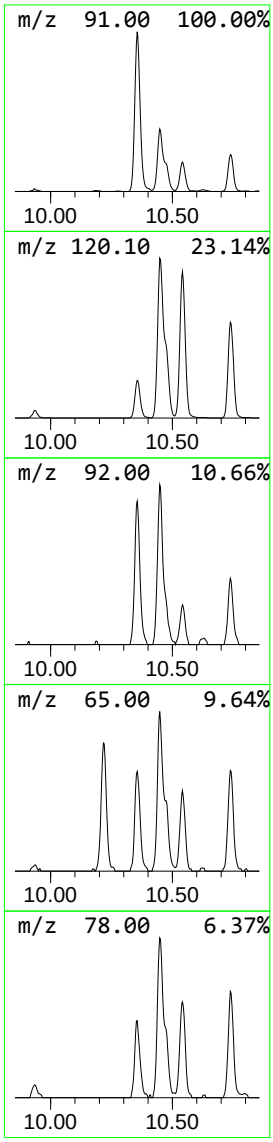
****

Peak Number 5 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.355	6.52 ug/L	162932	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	91
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

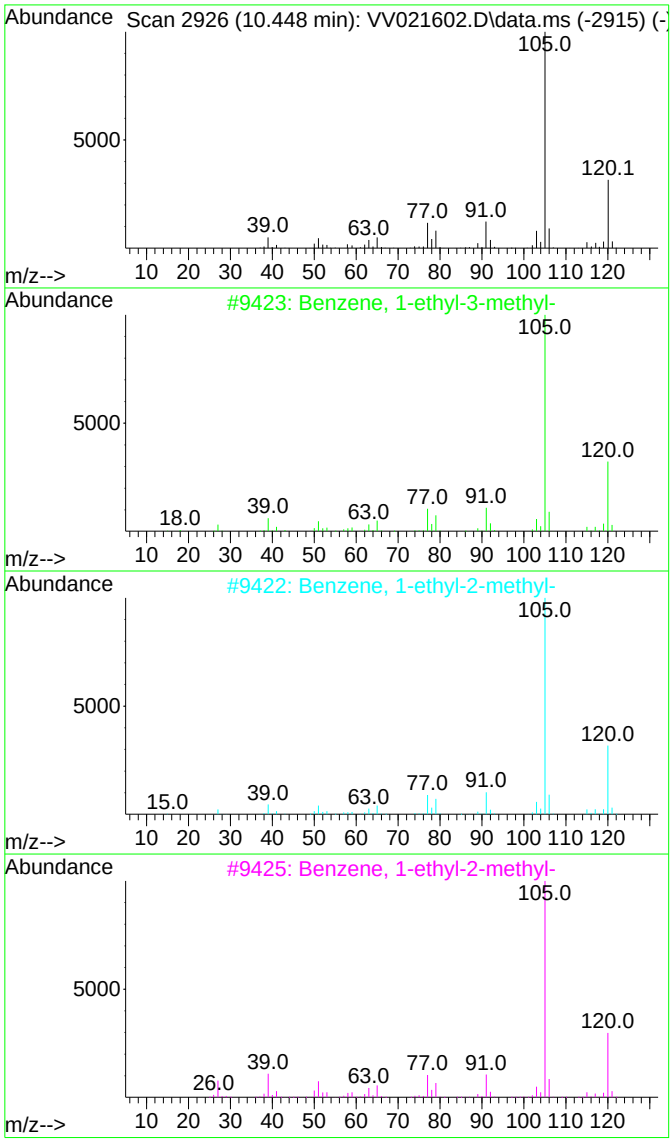
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

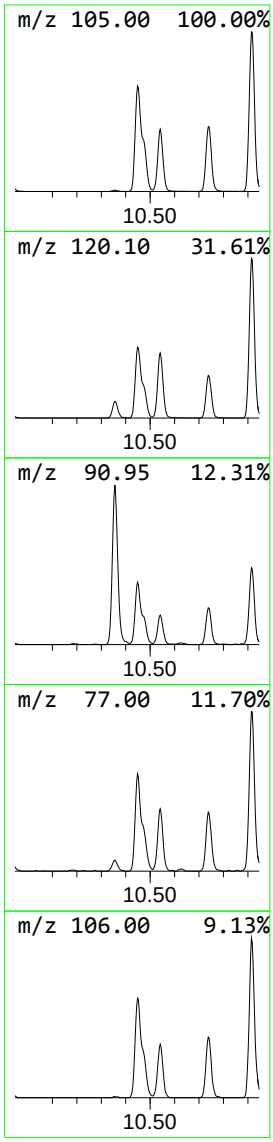
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	34.09 ug/L	852219	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

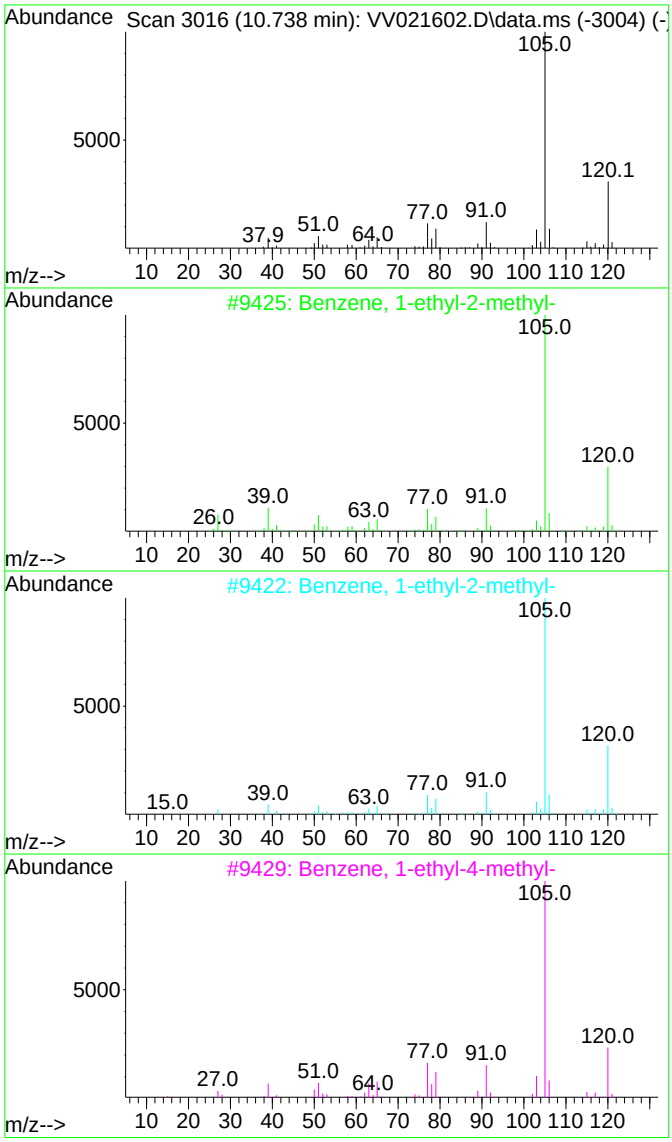
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

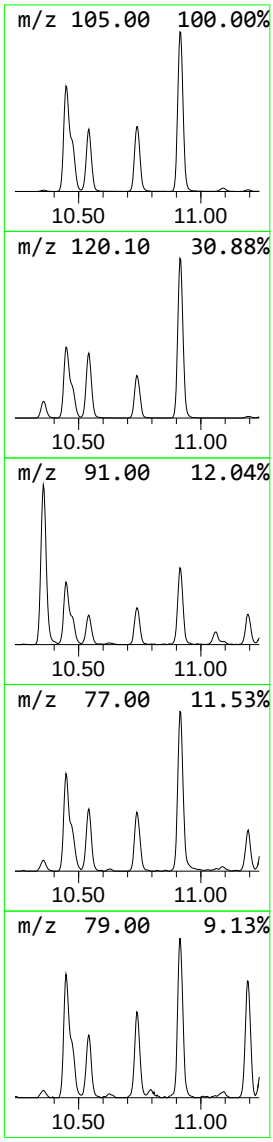
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	15.55 ug/L	388854	1,4-Dichlorobenzene-d4	11.252

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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

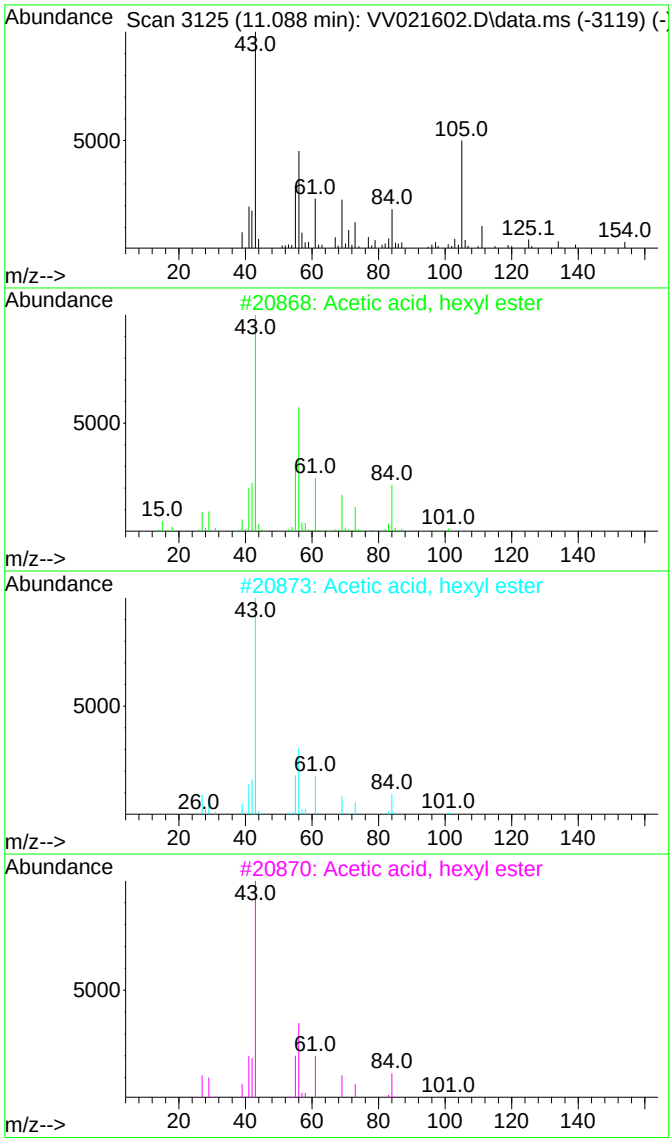
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

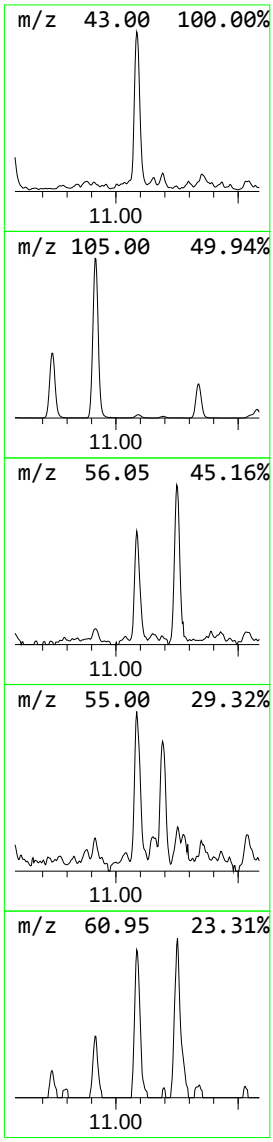
****

Peak Number 8 Acetic acid, hexyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	3.30 ug/L	82576	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	52
2	Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	50
3	Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	50
4	Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	50
5	Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	50





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Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

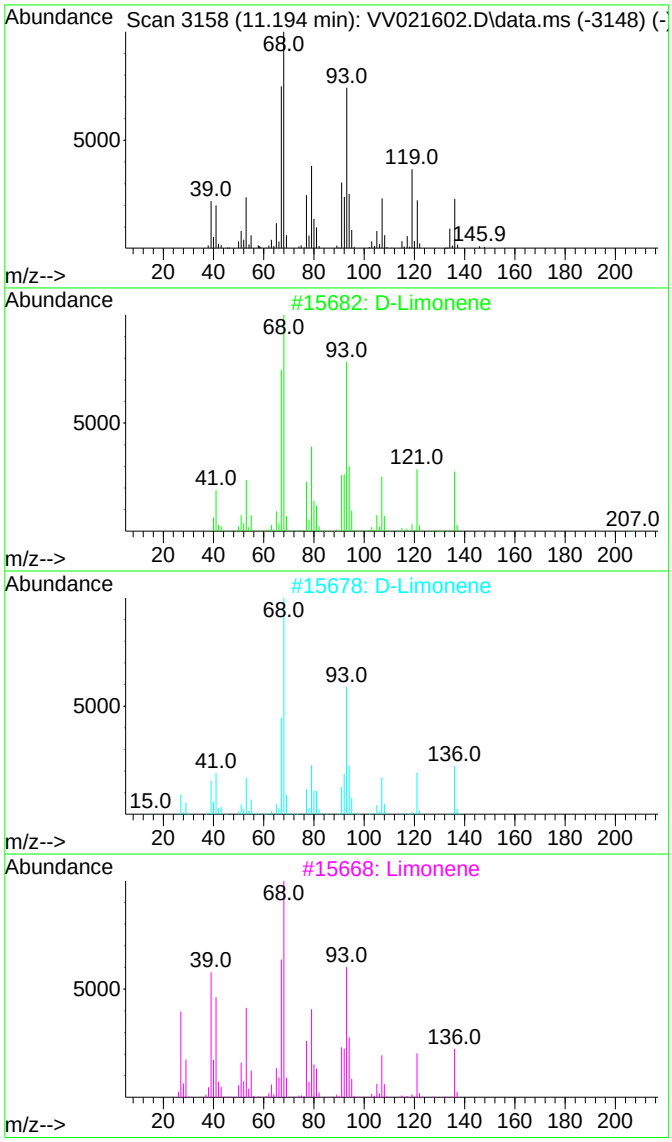
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

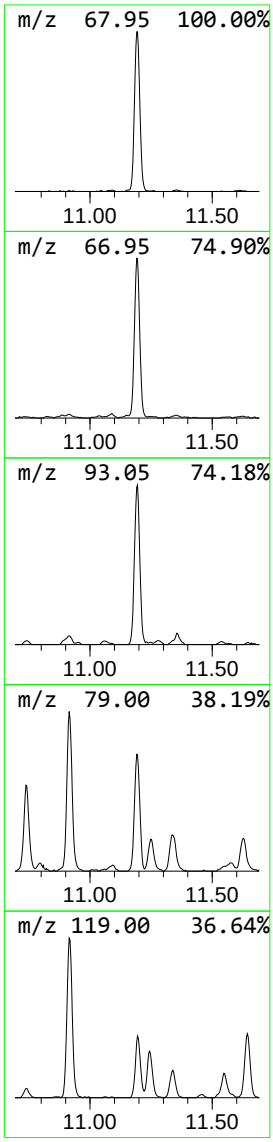
****

Peak Number 9 D-Limonene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.194	14.31 ug/L	357648	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	99
2	D-Limonene	136	C10H16	005989-27-5	94
3	Limonene	136	C10H16	000138-86-3	93
4	D-Limonene	136	C10H16	005989-27-5	83
5	Limonene	136	C10H16	000138-86-3	76





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

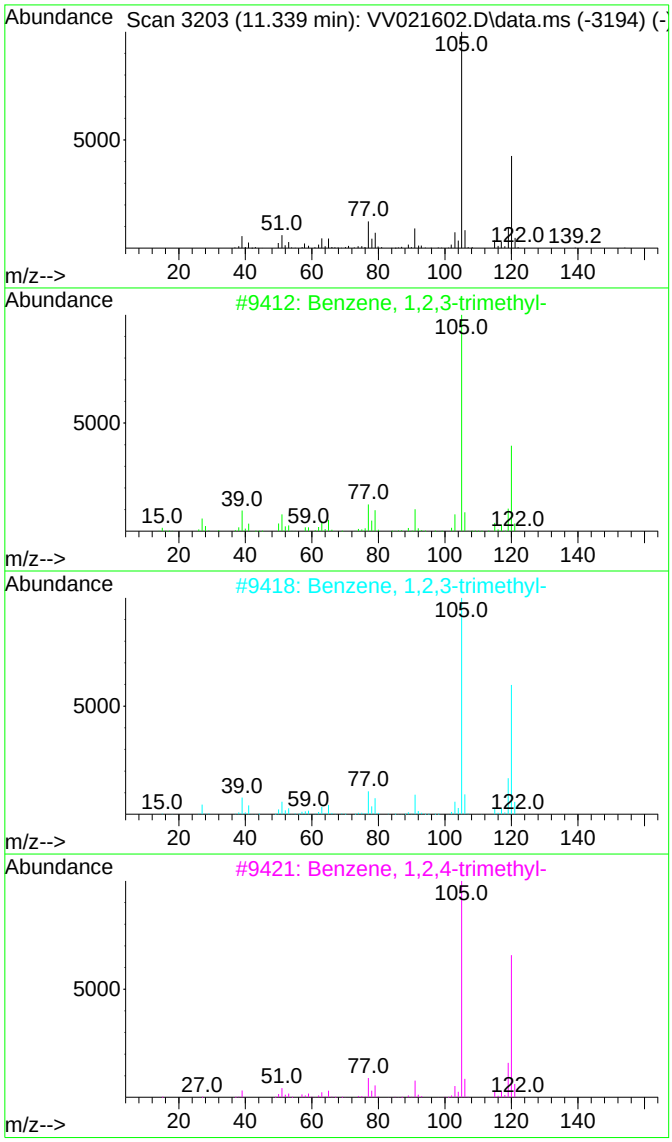
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

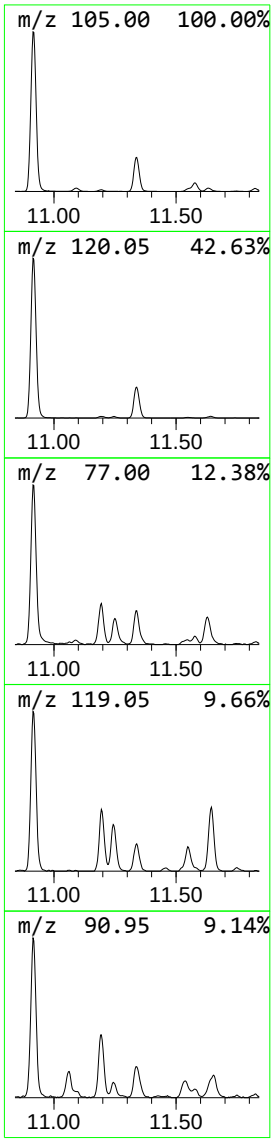
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	9.98 ug/L	249393	1,4-Dichlorobenzene-d4	11.252

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





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

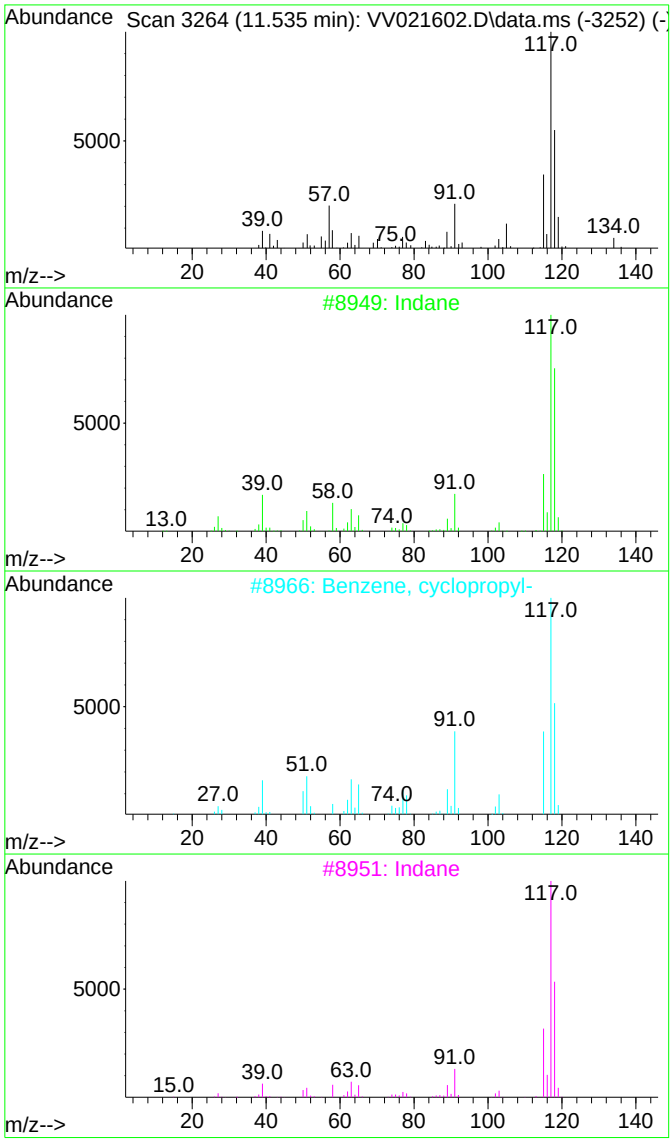
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

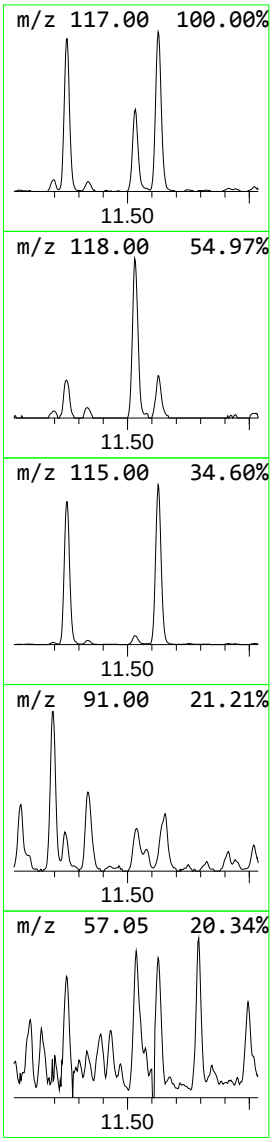
****

Peak Number 11 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.535	4.37 ug/L	109166	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Indane	118	C9H10	000496-11-7	70
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
5	Indane	118	C9H10	000496-11-7	68





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

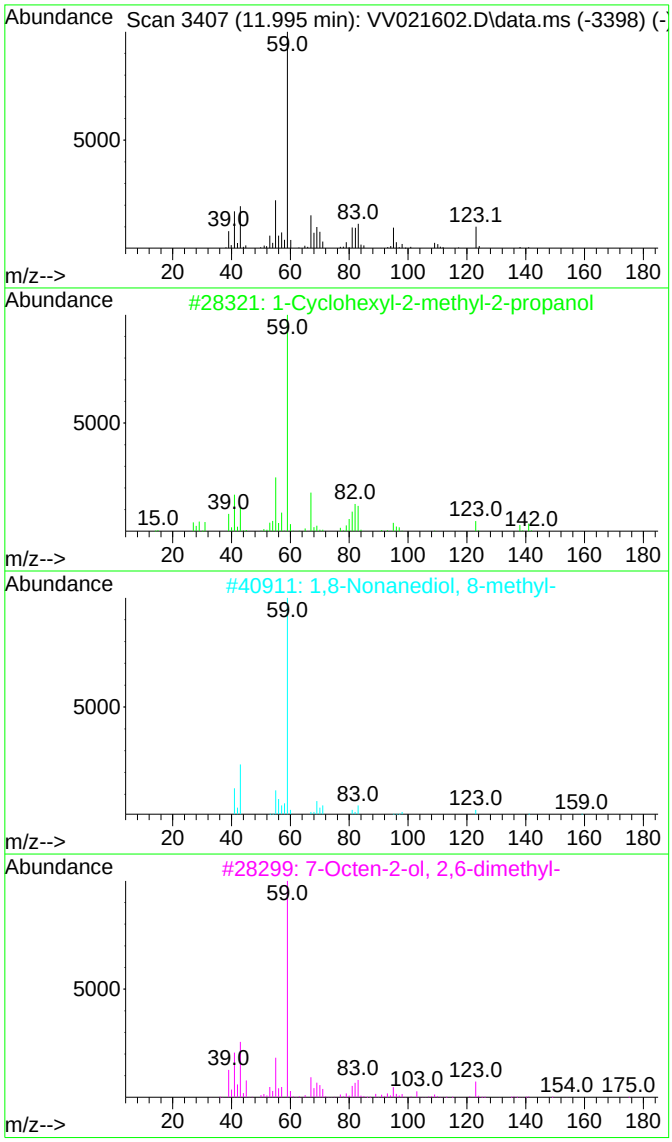
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

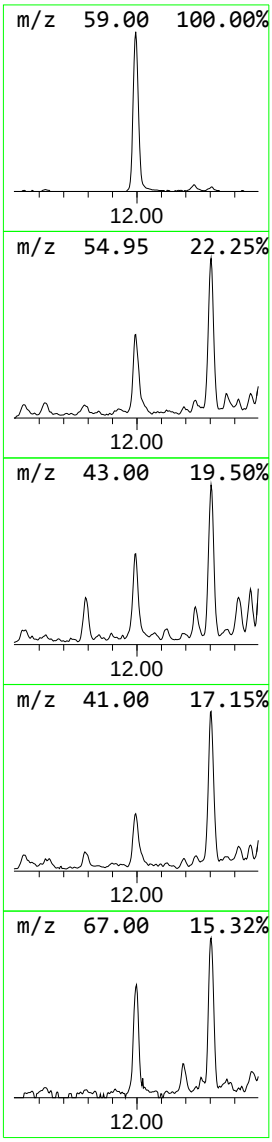
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1-Cyclohexyl-2-methyl-2-pro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.995	5.38 ug/L	134562	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	72
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	72
3	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	64
4	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	64
5	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	56





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

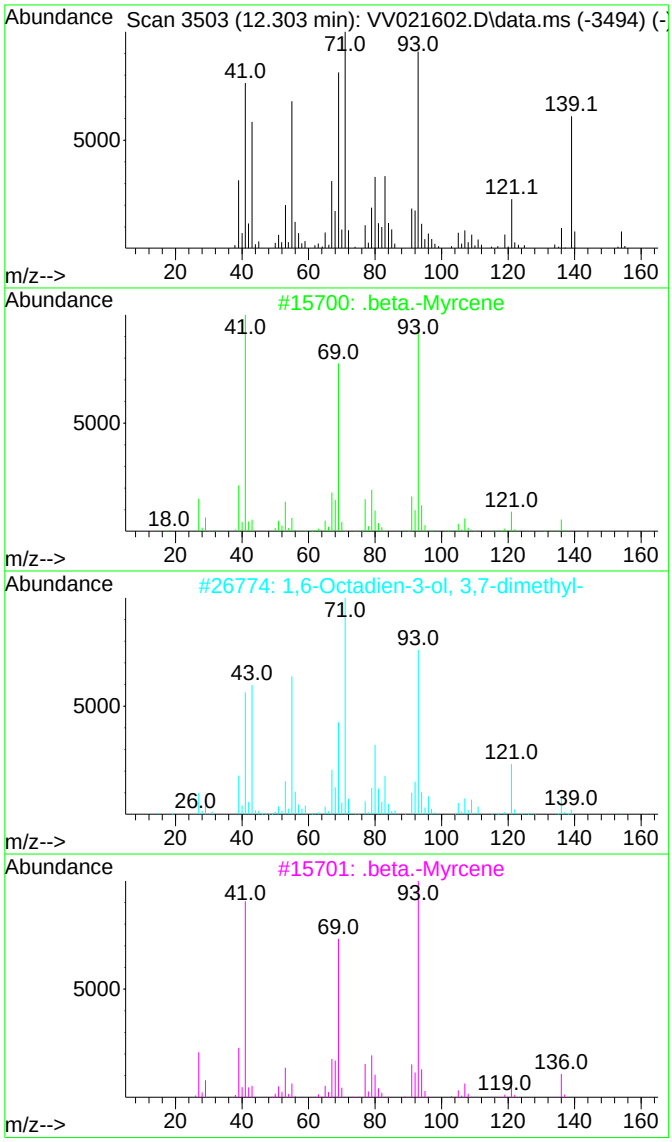
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

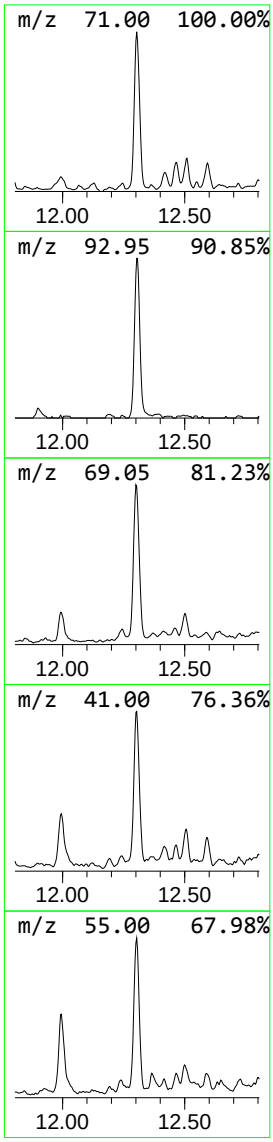
****

Peak Number 13 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	8.53 ug/L	213335	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Myrcene	136	C10H16	000123-35-3	49
2	1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	49
3	.beta.-Myrcene	136	C10H16	000123-35-3	49
4	1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	38
5	1,5-Dimethyl-1-vinyl-4-hexenyl b...	224	C14H24O2	000078-36-4	38





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

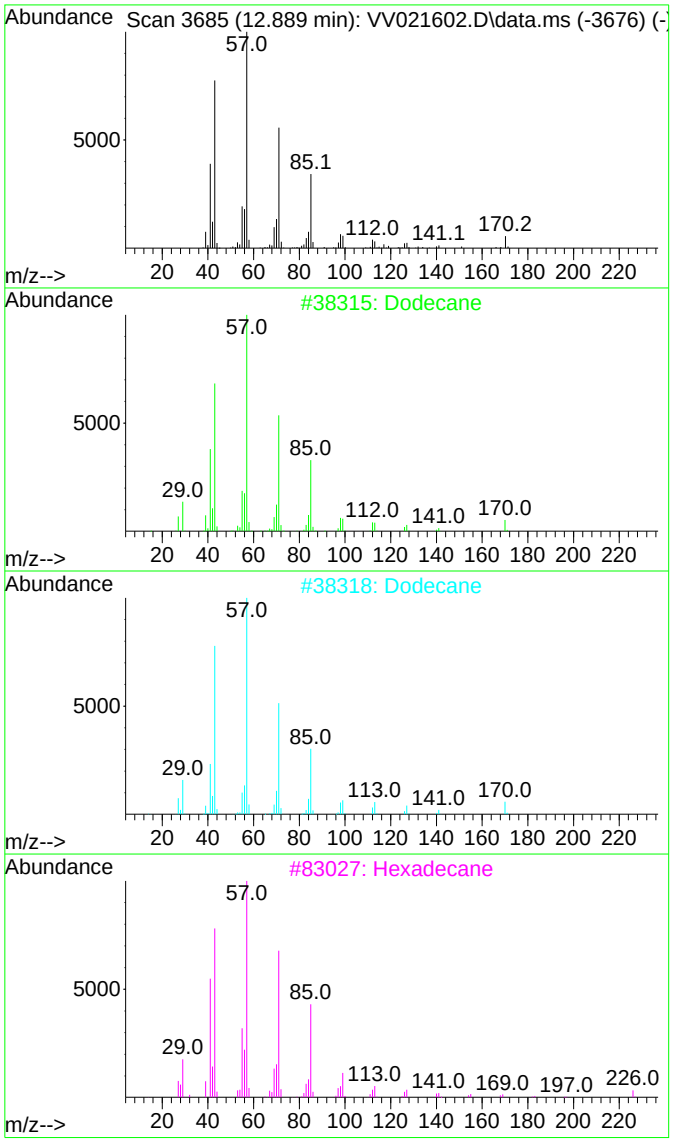
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

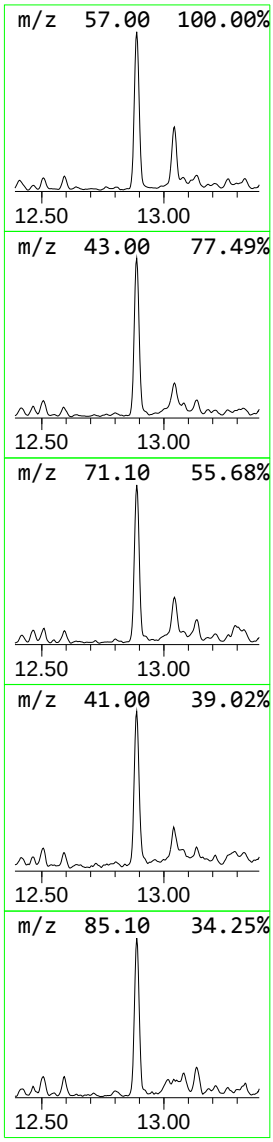
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.889	13.09 ug/L	327210	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Dodecane	170	C12H26	000112-40-3	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane	198	C14H30	000629-59-4	80





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

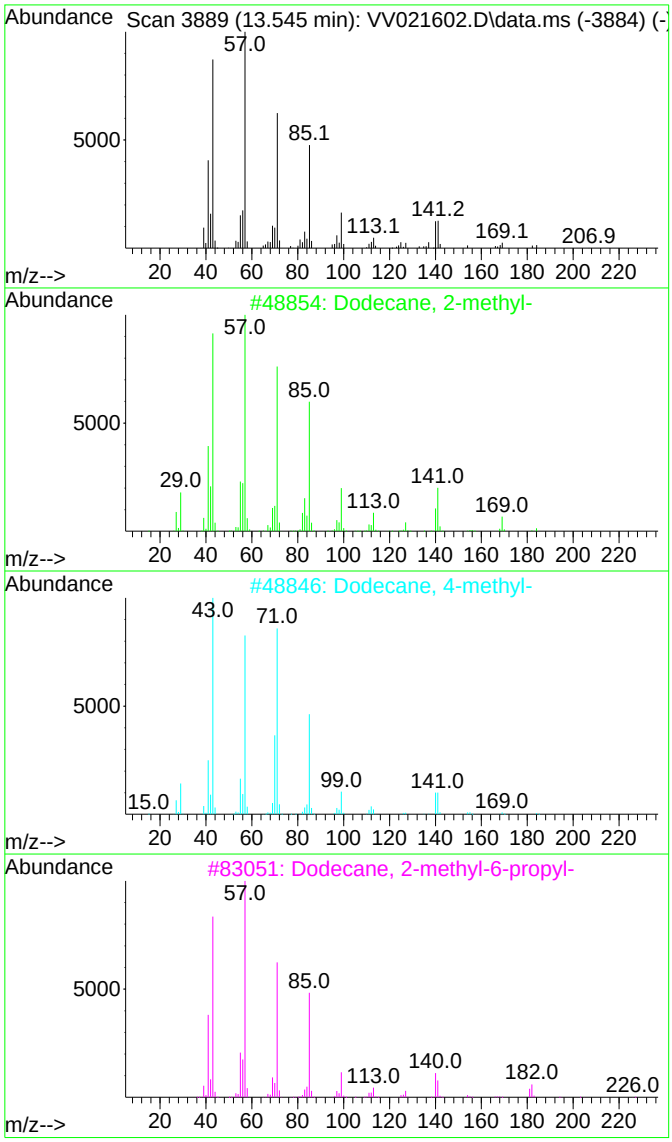
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

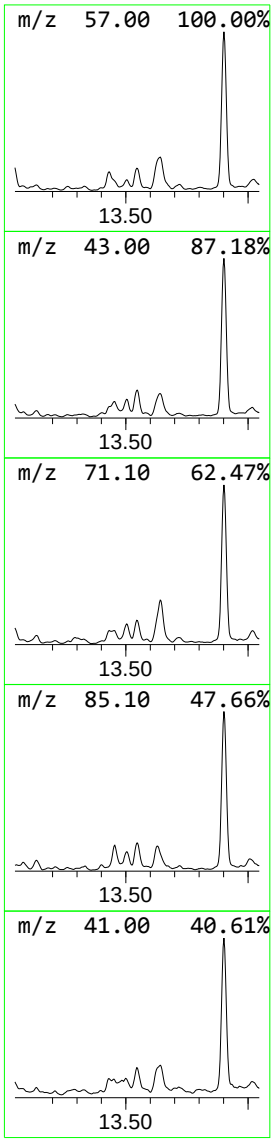
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	4.00 ug/L	99900	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Decane, 5-propyl-	184	C13H28	017312-62-8	81
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

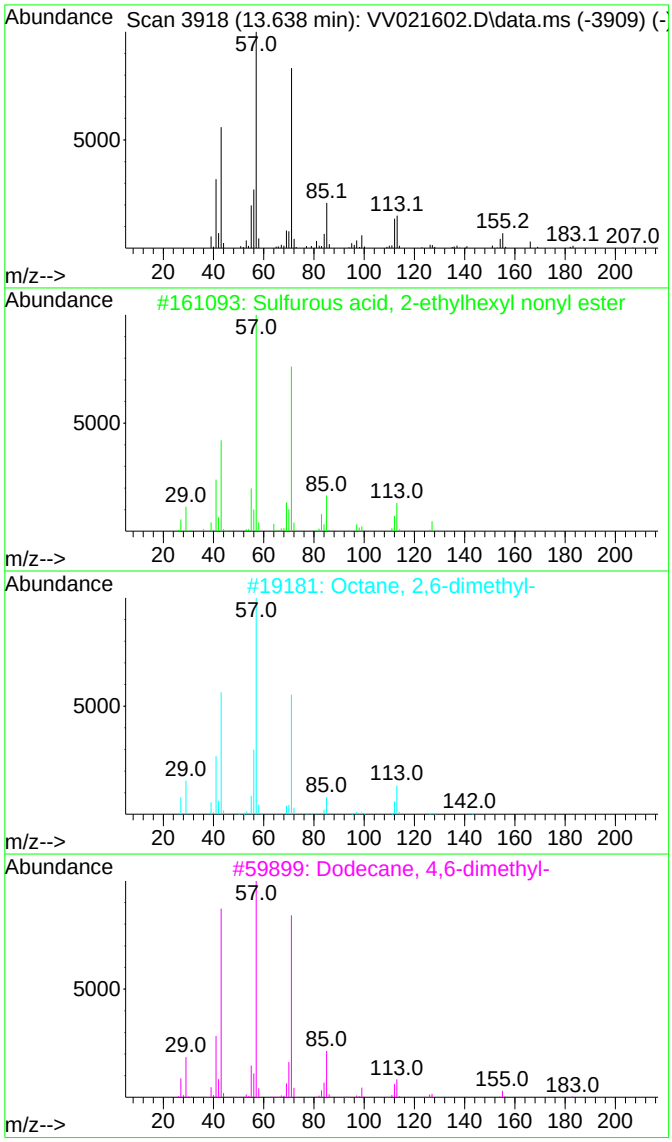
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

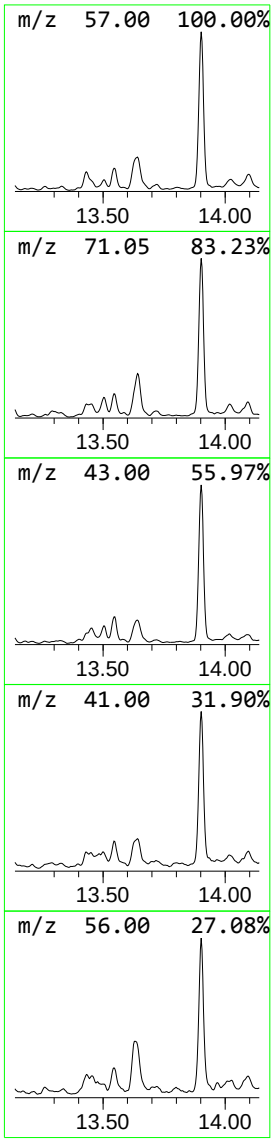
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Sulfurous acid, 2-ethylhexy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.638	8.50 ug/L	212563	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

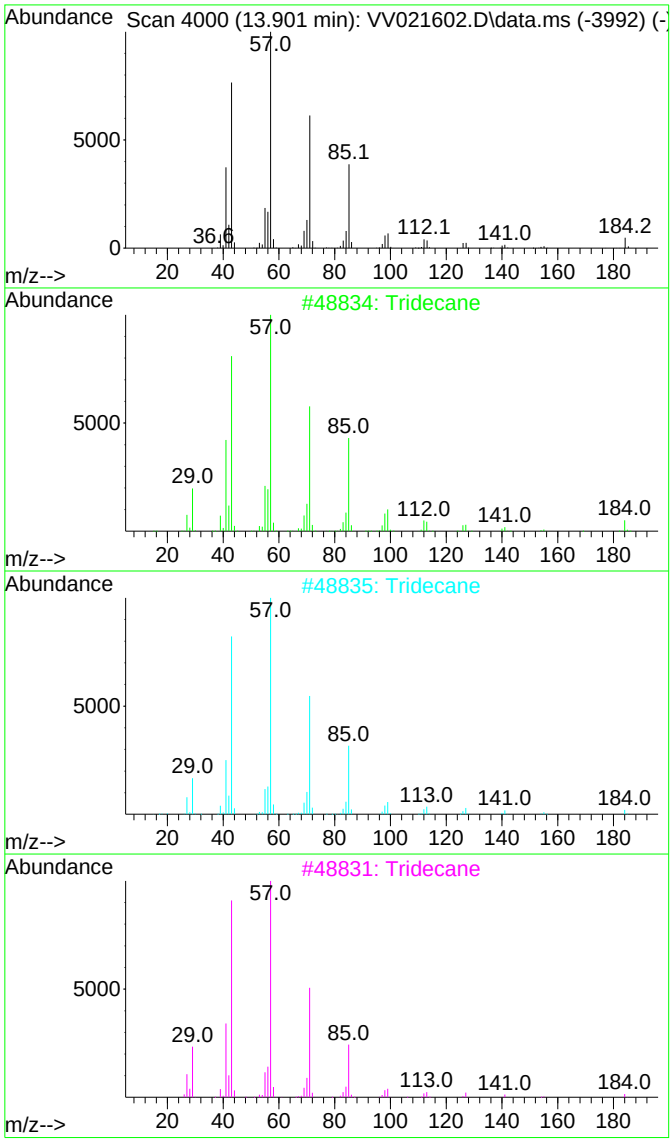
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

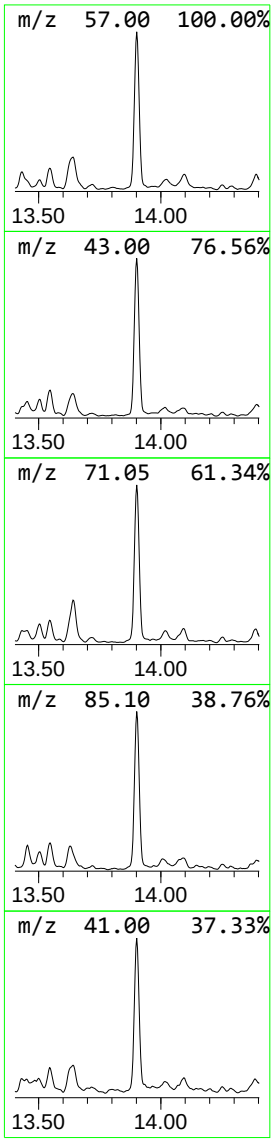
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.902	28.71 ug/L	717795	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Dodecane	170	C12H26	000112-40-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

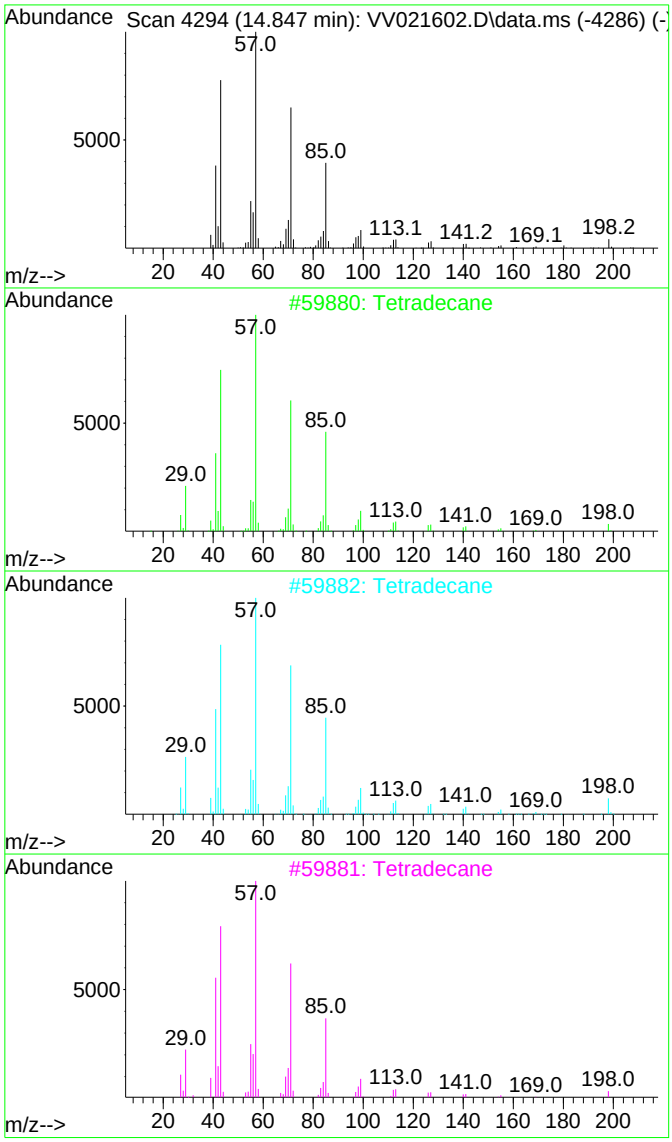
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

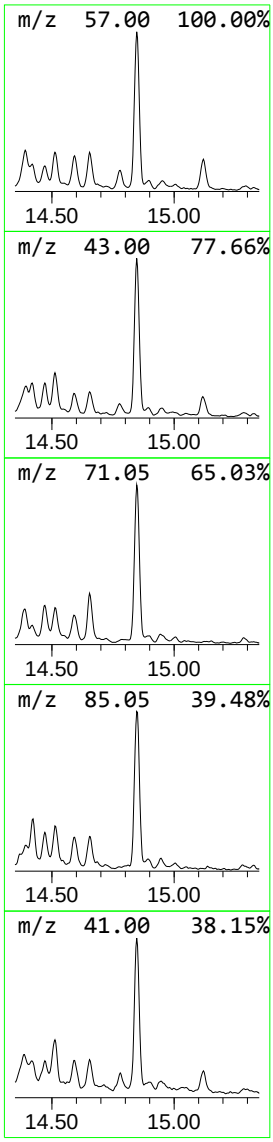
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.847	12.68 ug/L	316928	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	98
2	Tetradecane	198	C14H30	000629-59-4	97
3	Tetradecane	198	C14H30	000629-59-4	97
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tetradecane	198	C14H30	000629-59-4	90





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

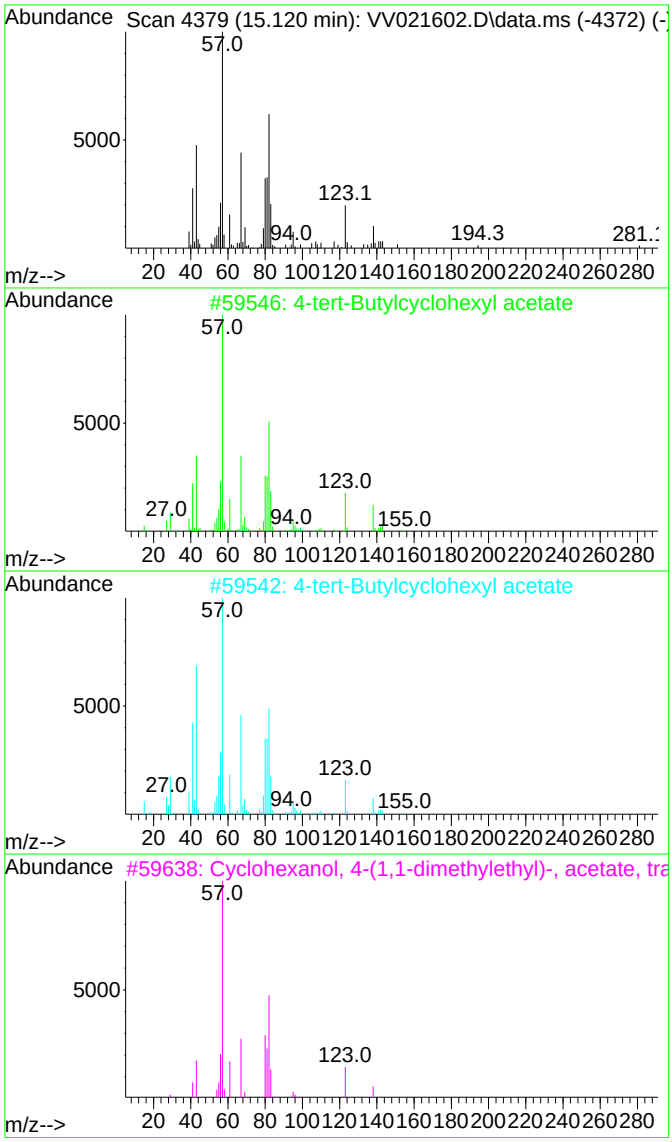
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

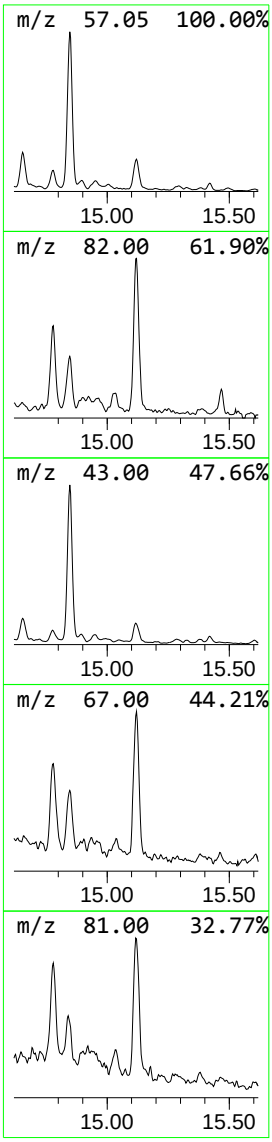
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4-tert-Butylcyclohexyl acetate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.120	3.50 ug/L	87480	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylcyclohexyl acetate	198	C12H22O2	032210-23-4	83
2	4-tert-Butylcyclohexyl acetate	198	C12H22O2	032210-23-4	72
3	Cyclohexanol, 4-(1,1-dimethyleth...	198	C12H22O2	001900-69-2	64
4	Cyclohexene, 4-(1,1-dimethylethyl)-	138	C10H18	002228-98-0	47
5	Cyclohexanol, 4-(1,1-dimethyleth...	198	C12H22O2	010411-92-4	42





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

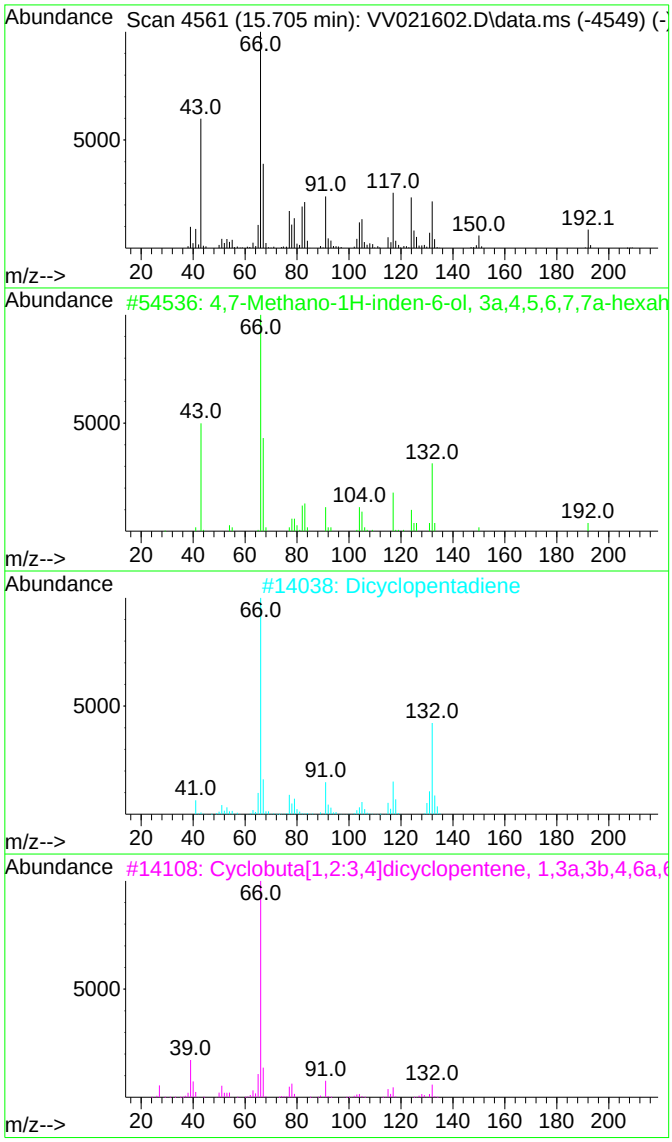
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

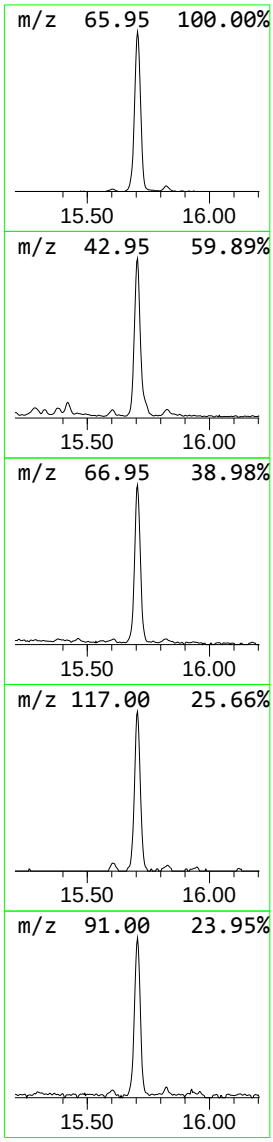
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4,7-Methano-1H-inden-6-ol, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.705	13.20 ug/L	330139	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-inden-6-ol, 3a,4,...	192	C12H16O2	005413-60-5	72
2	Dicyclopentadiene	132	C10H12	000077-73-6	64
3	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	59
4	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	150	C10H14O	039852-87-4	56
5	Bicyclo[3.2.0]hept-2-ene, cis-	94	C7H10	1000155-54-0	50





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

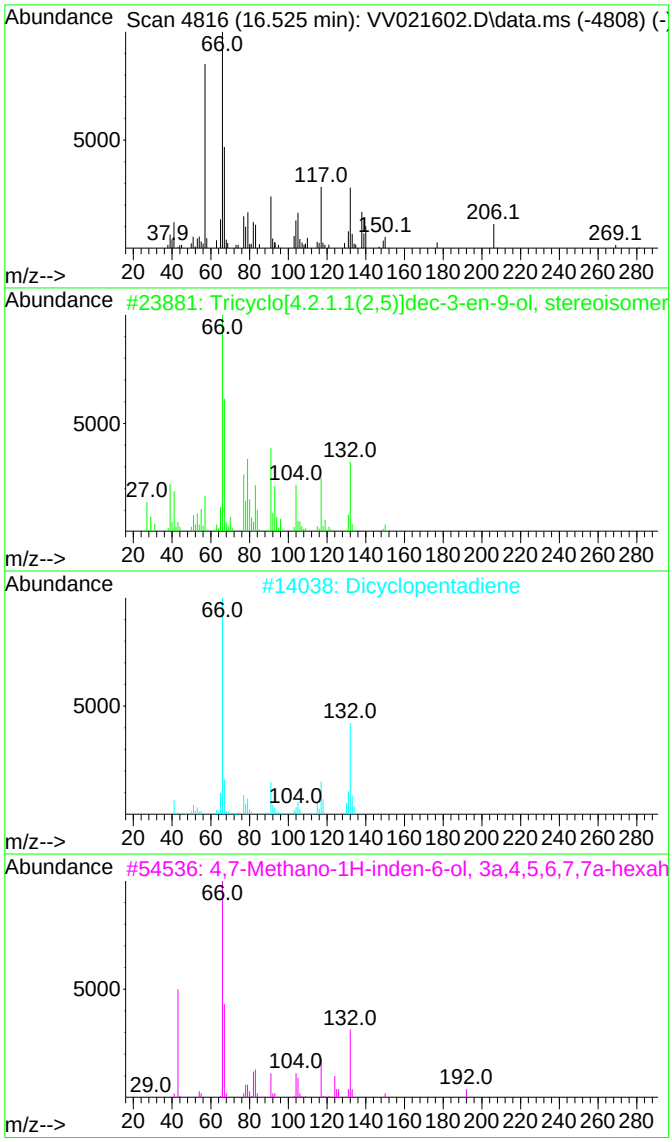
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

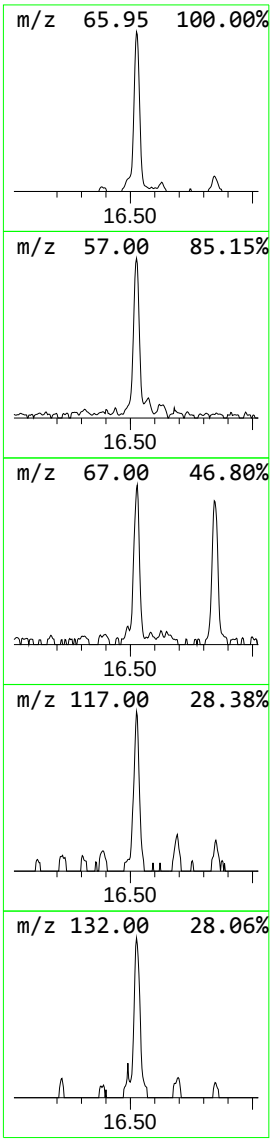
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Tricyclo[4.2.1.1(2,5)]dec-3... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.525	2.51 ug/L	62876	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.2.1.1(2,5)]dec-3-en-9...	150	C10H14O	070220-93-8	83
2	Dicyclopentadiene	132	C10H12	000077-73-6	81
3	4,7-Methano-1H-inden-6-ol, 3a,4,...	192	C12H16O2	005413-60-5	72
4	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	59
5	Tricyclo[4.2.1.1(2,5)]dec-3-en-9...	192	C12H16O2	119405-11-7	56





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Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

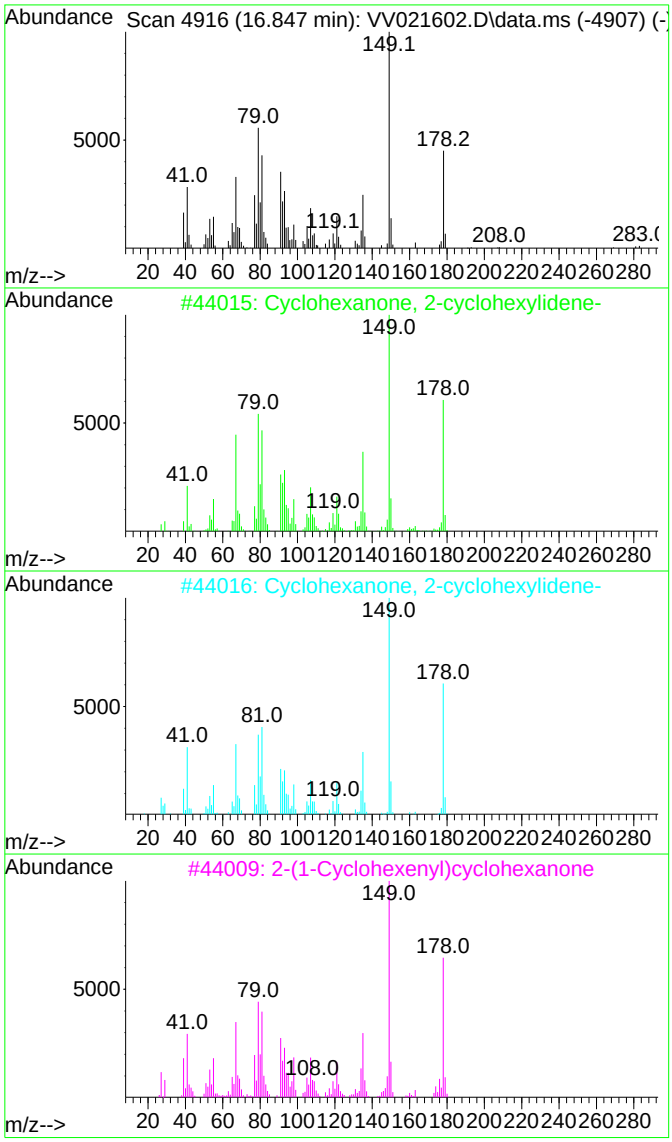
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

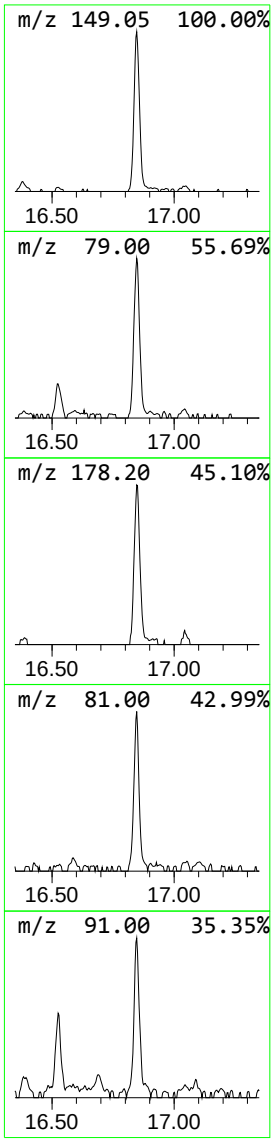
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclohexanone, 2-cyclohexyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.847	4.54 ug/L	113494	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	98
2	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	94
3	2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	91
4	2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	87
5	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021602.D
Acq On : 02 Jul 2021 16:54
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.375	6.6	ug/L	121734	1	5.619	921852	50.0
Ethanol	1.876	23.5	ug/L	433841	1	5.619	921852	50.0
1-Propanol	3.352	3.3	ug/L	60449	1	5.619	921852	50.0
Benzene, propyl-	10.355	6.5	ug/L	162932	3	11.252	1250060	50.0
Benzene, 1-ethy...	10.448	34.1	ug/L	852219	3	11.252	1250060	50.0
Benzene, 1-ethy...	10.738	15.6	ug/L	388854	3	11.252	1250060	50.0
Acetic acid, he...	11.088	3.3	ug/L	82576	3	11.252	1250060	50.0
D-Limonene	11.194	14.3	ug/L	357648	3	11.252	1250060	50.0
Benzene, 1,2,3-...	11.339	10.0	ug/L	249393	3	11.252	1250060	50.0
Indane	11.535	4.4	ug/L	109166	3	11.252	1250060	50.0
1-Cyclohexyl-2-...	11.995	5.4	ug/L	134562	3	11.252	1250060	50.0
unknown-02	12.304	8.5	ug/L	213335	3	11.252	1250060	50.0
(DEL) Alkane: S...	12.889	13.1	ug/L	327210	3	11.252	1250060	50.0
(DEL) Alkane: S...	13.545	4.0	ug/L	99900	3	11.252	1250060	50.0
Sulfurous acid,...	13.638	8.5	ug/L	212563	3	11.252	1250060	50.0
(DEL) Alkane: S...	13.902	28.7	ug/L	717795	3	11.252	1250060	50.0
(DEL) Alkane: S...	14.847	12.7	ug/L	316928	3	11.252	1250060	50.0
4-tert-Butylcyc...	15.120	3.5	ug/L	87480	3	11.252	1250060	50.0
4,7-Methano-1H-...	15.705	13.2	ug/L	330139	3	11.252	1250060	50.0
Tricyclo[4.2.1....	16.525	2.5	ug/L	62876	3	11.252	1250060	50.0
Cyclohexanone, ...	16.847	4.5	ug/L	113494	3	11.252	1250060	50.0