LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 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: VV021599.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	75	82	94	rVB	207916	204831	11.94%	0.892%
2	1.378	99	105	124	rBV	87014	120131	7.00%	0.523%
3	1.561	155	162	177	rVB	141886	159048	9.27%	0.693%
4	1.960	264	286	318	rVV	77084	431275	25.14%	1.878%
5	2.105	320	331	343	rVV	364640	557797	32.52%	2.429%
6	2.169	344	351	377	rVB	61294	129243	7.53%	0.563%
7	2.298	382	391	394	rBV	9327	14030	0.82%	0.061%
8	2.507	448	456	463	rBV4	3270	5103	0.30%	0.022%
9	2.603	485	486	489	rBV3	416	302	0.02%	0.001%
10	2.732	519	526	529	rBV5	1258	1289	0.08%	0.006%
11	2.851	561	563	567	rVB2	609	398	0.02%	0.002%
12	2.954	585	595	610	rBV3	8275	18102	1.06%	0.079%
13	3.179	661	665	666	rBV2	652	423	0.02%	0.002%
14	3.204	672	673	677	rBV2	543	413	0.02%	0.002%
15	3.413	725	738	743	rBV6	11097	26421	1.54%	0.115%
16	3.876	855	882	911	rBV	160348	447286	26.07%	1.948%
17	4.349	1011	1029	1063	rBV3	306153	933418	54.41%	4.064%
18	4.677	1127	1131	1134	rVV6	573	474	0.03%	0.002%
19	4.700	1136	1138	1144	rVB3	632	449	0.03%	0.002%
20	4.745	1147	1152	1154	rBV4	372	316	0.02%	0.001%
21	4.809	1170	1172	1175	rVB2	678	307	0.02%	0.001%
22	4.825	1175	1177	1181	rBV3	596	470	0.03%	0.002%
23	4.905	1195	1202	1208	rVB4	622	855	0.05%	0.004%
24	4.931	1208	1210	1213	rBV	508	394	0.02%	0.002%
25	5.047	1224	1246	1272	rBV2	669046	1715502	100.00%	7.469%
26	5.330	1324	1334	1351	rVB4	7565	18146	1.06%	0.079%
27	5.468	1372	1377	1378	rBV2	507	430	0.03%	0.002%
28	5.510	1381	1390	1401	rVV8	4232	9736	0.57%	0.042%
29	5.616	1410	1423	1461	rBV	630781	1253679	73.08%	5.459%
30	5.815	1482	1485	1487	rBV3	533	323	0.02%	0.001%
31	5.851	1494	1496	1501	rBV3	400	298	0.02%	0.001%
32	5.908	1504	1514	1525	rVV2	8629	16415	0.96%	0.071%
33	6.069	1551	1564	1594	rVB	382840	772846	45.05%	3.365%
34	6.513	1693	1702	1717	rVB4	4523	9009	0.53%	0.039%
35	6.622	1725	1736	1755	rBV3	5818	15821	0.92%	0.069%
36	6.921	1817	1829	1837	rBV8	1840	2966	0.17%	0.013%

LSC Area Percent Report

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Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 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	6.986	1837	1849	1871	rBV	225000	406516	23.70%	1.770%
38	7.092	1874	1882	1894	rVB3	12098	23929	1.39%	0.104%
39	7.256	1923	1933	1941	rBV6	5385	11247	0.66%	0.049%
40	7.317	1941	1952	1968	rVV	820841	1406258	81.97%	6.123%
41	7.394	1969	1976	1986	rVB	28862	47799	2.79%	0.208%
42	7.574	2022	2032	2037	rBV5	3283	5382	0.31%	0.023%
43	7.622	2037	2047	2074	rBV	152469	291108	16.97%	1.268%
44	7.789	2092	2099	2108	rVB6	3458	5160	0.30%	0.022%
45	7.915	2135	2138	2139	rBV3	629	299	0.02%	0.001%
46	8.088	2181	2192	2221	rBV	551225	951312	55.45%	4.142%
47	8.500	2313	2320	2322	rBV4	1363	1677	0.10%	0.007%
48	8.571	2336	2342	2343	rBV4	2521	2074	0.12%	0.009%
49	8.664	2365	2371	2386	rVB7	7229	14281	0.83%	0.062%
50	8.722	2386	2389	2391	rBV3	795	546	0.03%	0.002%
51	8.793	2400	2411	2414	rBV2	7860	11655	0.68%	0.051%
52	8.854	2419	2430	2452	rVB	910317	1485522	86.59%	6.468%
53	9.014	2468	2480	2492	rBV5	7624	14720	0.86%	0.064%
54	9.143	2512	2520	2532	rVB3	28889	52093	3.04%	0.227%
55	9.207	2532	2540	2554	rVB3	17752	29915	1.74%	0.130%
56	9.278	2554	2562	2563	rBV4	2839	2880	0.17%	0.013%
57	9.355	2579	2586	2589	rBV3	8957	11111	0.65%	0.048%
58	9.387	2590	2596	2610	rVB	21926	34688	2.02%	0.151%
59	9.548	2637	2646	2663	rVB	31771	56353	3.28%	0.245%
60	9.674	2681	2685	2688	rVV4	1620	1733	0.10%	0.008%
61	9.709	2690	2696	2707	rVB2	15104	23783	1.39%	0.104%
62	9.805	2713	2726	2736	rBV9	11790	28206	1.64%	0.123%
63	9.937	2758	2767	2782	rVB	18387	34615	2.02%	0.151%
64	10.021	2785	2793	2803	rBV6	8177	12989	0.76%	0.057%
65	10.092	2804	2815	2820	rBV8	7863	12732	0.74%	0.055%
66	10.217	2835	2854	2875	rBV	577692	900182	52.47%	3.919%
67	10.355	2887	2897	2914	rBV	110793	173783	10.13%	0.757%
68	10.448	2915	2926	2945	rVV	427416	902514	52.61%	3.930%
69	10.542	2945	2955	2976	rVV	279468	446853	26.05%	1.946%
70	10.625	2976	2981	2990	rVB5	7243	9605	0.56%	0.042%
71	10.738	3005	3016	3029	rBV	259521	399308	23.28%	1.739%
72	10.915	3061	3071	3092	rVB	720400	1096790	63.93%	4.776%
73	11.085	3119	3124	3136	rVB2	53348	81564	4.75%	0.355%
74	11.149	3139	3144	3147	rVV5	7552	8737	0.51%	0.038%
75	11.191	3148	3157	3166	rVV2	250178	381791	22.26%	1.662%
76	11.249	3166	3175	3193	rVV	1011340	1655757	96.52%	7.209%

LSC Area Percent Report

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Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 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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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Title : VOC Analysis

77	11.336	3194	3202	3223	rVB	158198	256772	14.97%	1.118%
78	11.535	3252	3264	3272	rBV3	59921	121716	7.10%	0.530%
79	11.625	3282	3292	3313	rVB	857708	1402847	81.77%	6.108%
80	11.792	3340	3344	3348	rBV2	6526	5643	0.33%	0.025%
81	11.915	3373	3382	3389	rBV5	19767	37899	2.21%	0.165%
82	11.992	3398	3406	3429	rVB2	86879	174847	10.19%	0.761%
83	12.239	3477	3483	3492	rBV8	12054	22414	1.31%	0.098%
84	12.304	3494	3503	3515	rVB2	161739	242145	14.12%	1.054%
85	12.468	3547	3554	3560	rBV4	24024	34834	2.03%	0.152%
86	12.593	3587	3593	3601	rVB2	20216	26388	1.54%	0.115%
87	12.889	3676	3685	3701	rVB	199738	292059	17.02%	1.272%
88	13.040	3727	3732	3752	rVB2	51229	98305	5.73%	0.428%
89	13.638	3909	3918	3932	rVB6	89568	193914	11.30%	0.844%
90	13.902	3992	4000	4014	rVB	472047	658406	38.38%	2.867%
91	14.654	4229	4234	4263	rVB	57736	106616	6.21%	0.464%
92	14.779	4267	4273	4283	rVB3	30639	42773	2.49%	0.186%
93	14.847	4286	4294	4303	rVB	248150	329149	19.19%	1.433%
94	15.117	4372	4378	4391	rVB2	57767	87616	5.11%	0.381%
95	15.599	4523	4528	4539	rVB6	16336	25356	1.48%	0.110%
96	15.706	4549	4561	4577	rVB2	211712	371320	21.64%	1.617%
97	16.310	4741	4749	4760	rVB5	24145	38846	2.26%	0.169%
98	16.387	4766	4773	4781	rBV2	18806	26898	1.57%	0.117%
99	16.522	4807	4815	4826	rVB2	71948	107360	6.26%	0.467%
100	16.844	4905	4915	4929	rBV2	224463	357368	20.83%	1.556%

Sum of corrected areas: 22966904

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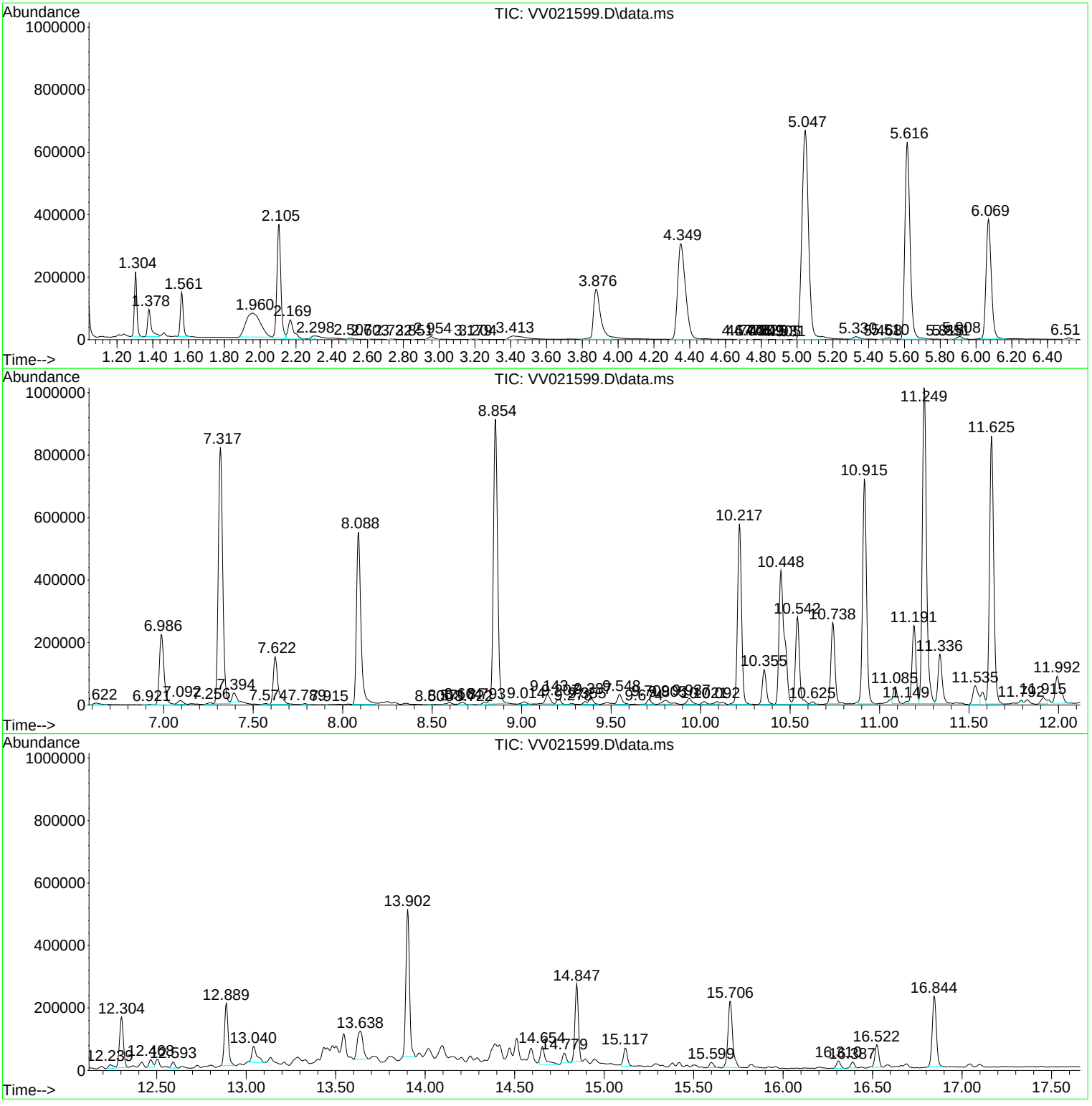
ALS Vial : 14 Sample Multiplier: 1

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\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

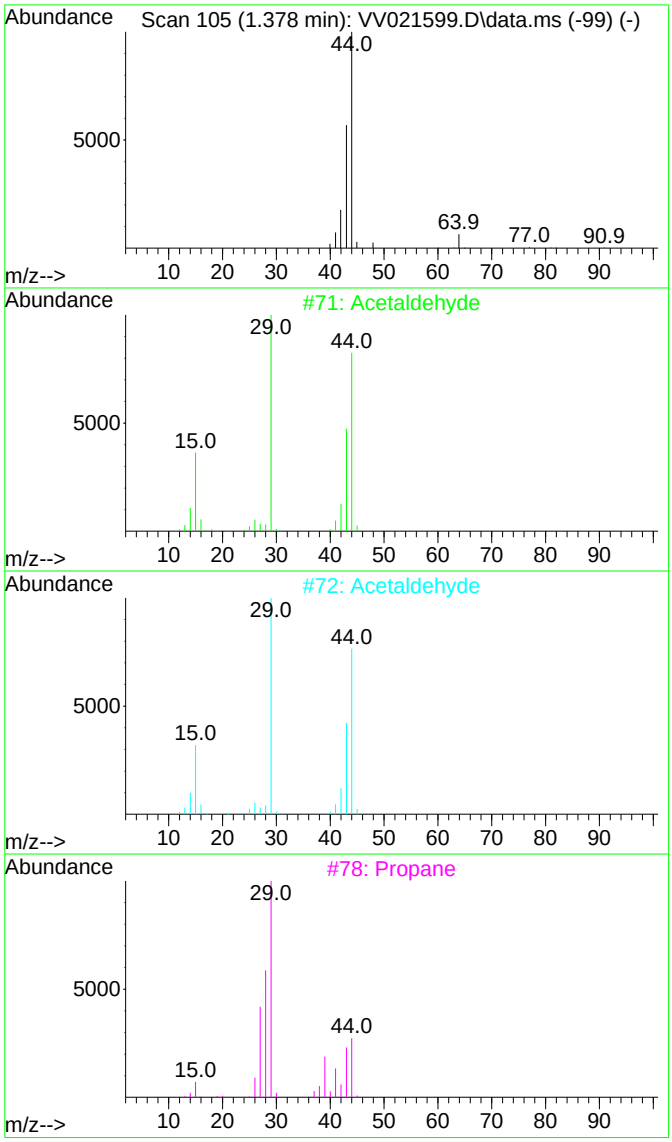
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

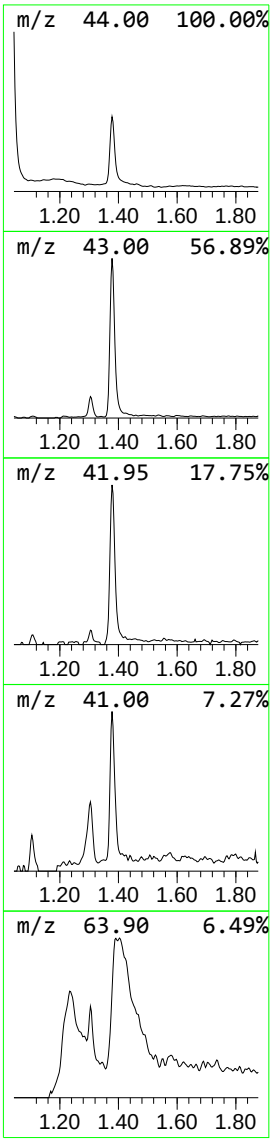
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Acetaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.378	4.79 ug/L	120131	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	56
2	Acetaldehyde	44	C2H4O	000075-07-0	56
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 : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

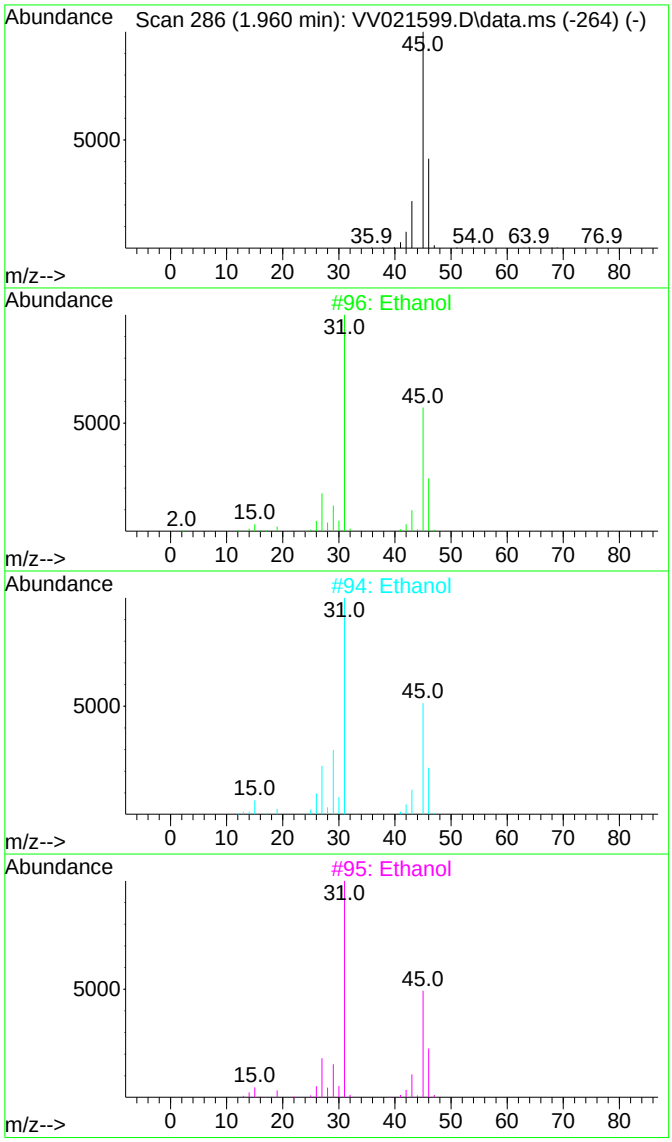
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

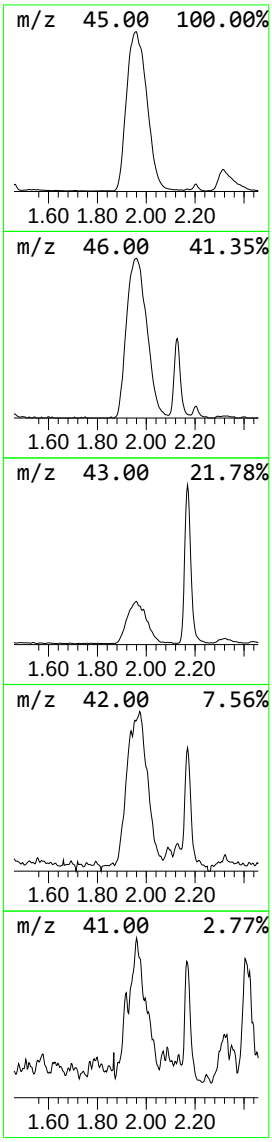
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.960	17.20 ug/L	431275	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Ethanol	46	C2H6O	000064-17-5	64
3	Ethanol	46	C2H6O	000064-17-5	43
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Dimethyl ether	46	C2H6O	000115-10-6	9





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

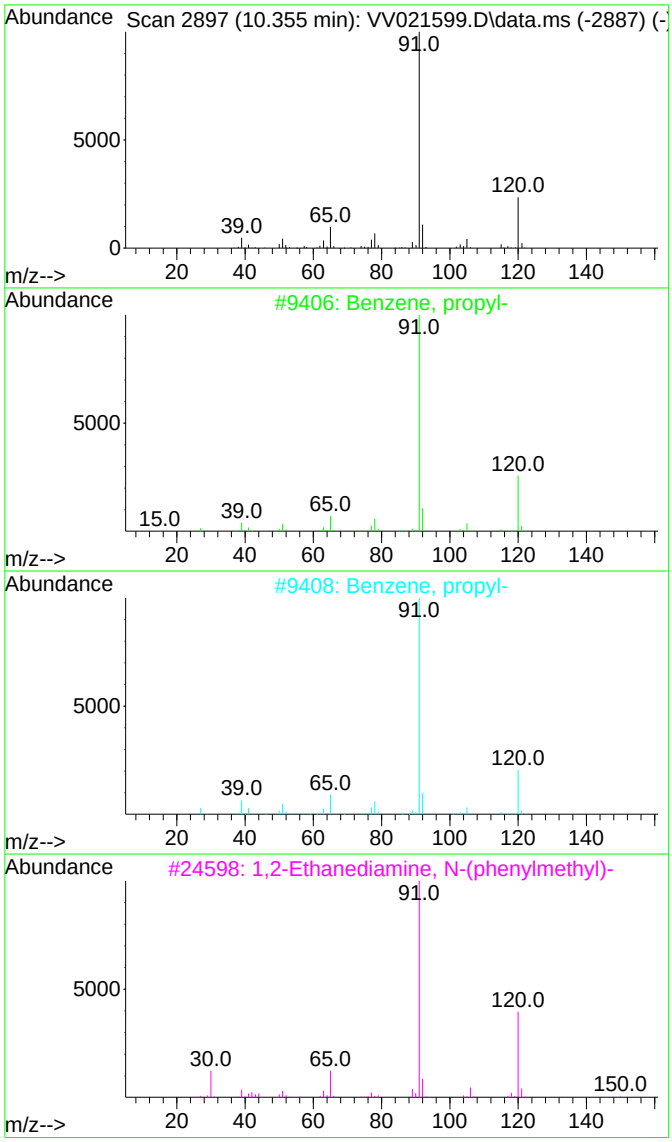
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

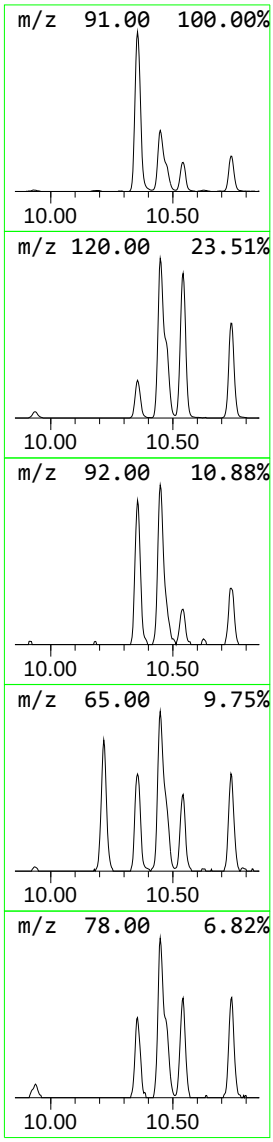
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.355	5.25 ug/L	173783	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	Benzene, propyl-	120	C9H12	000103-65-1	59





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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

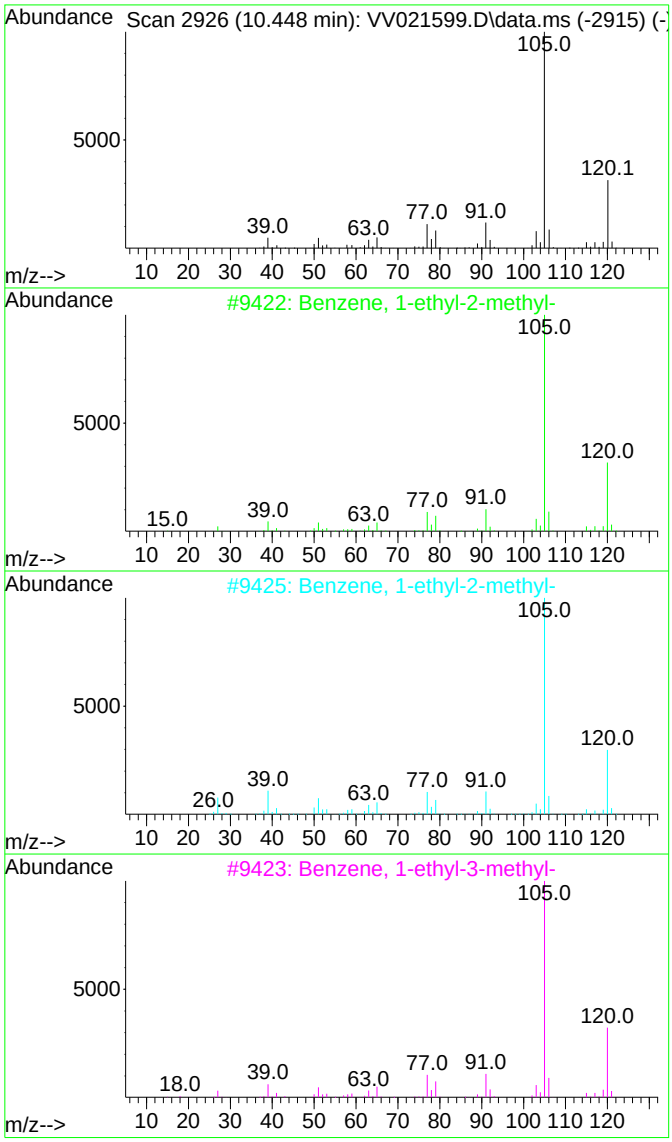
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

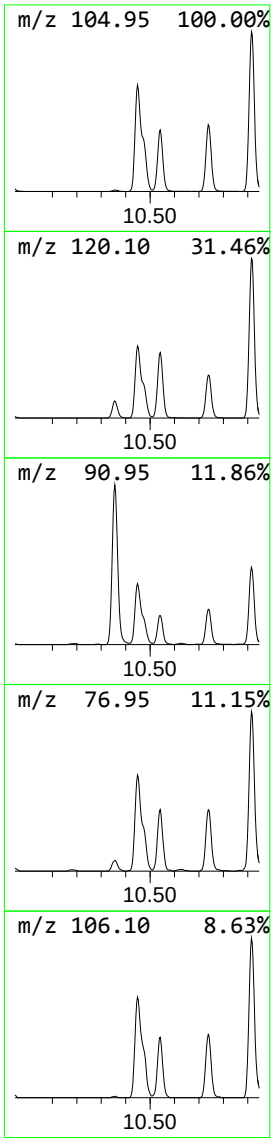
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	27.25 ug/L	902514	1,4-Dichlorobenzene-d4	11.249

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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

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

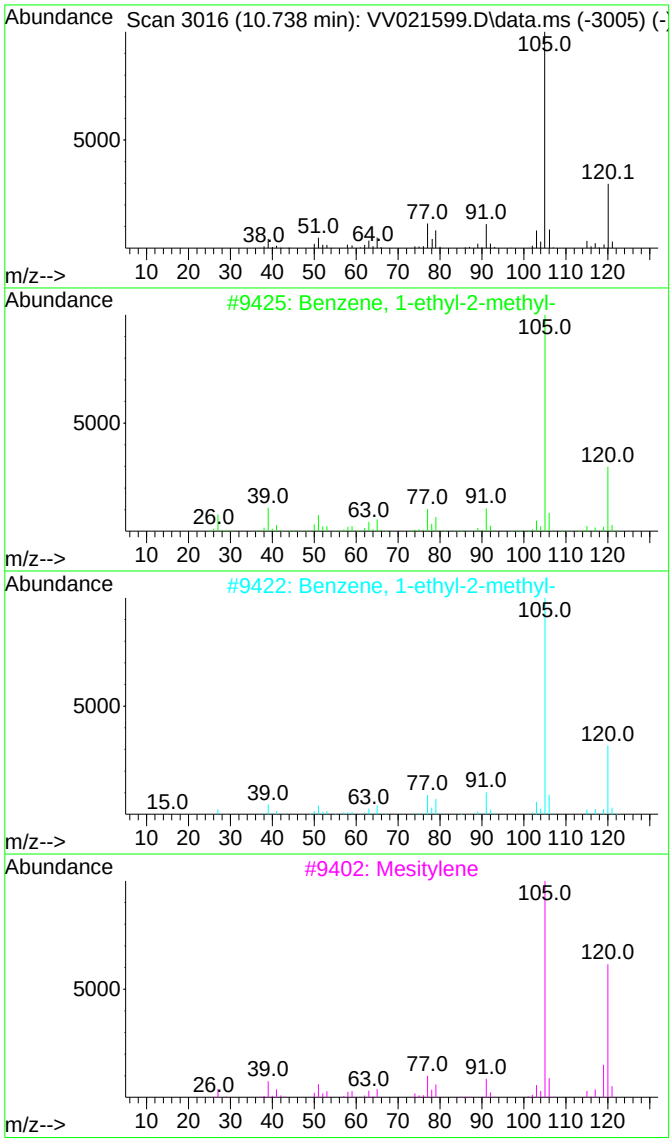
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

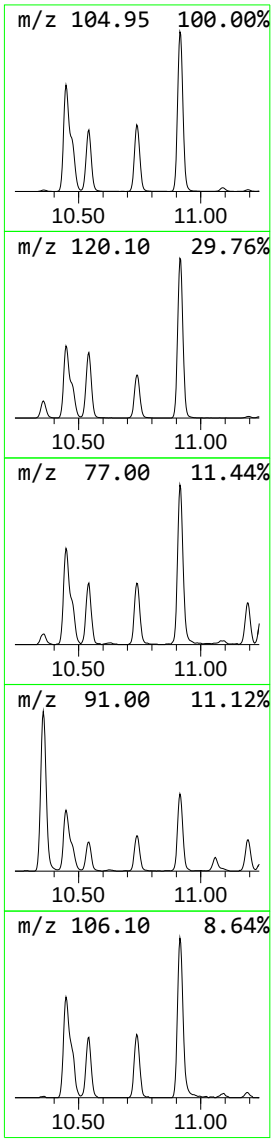
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	12.06 ug/L	399308	1,4-Dichlorobenzene-d4	11.249

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	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

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

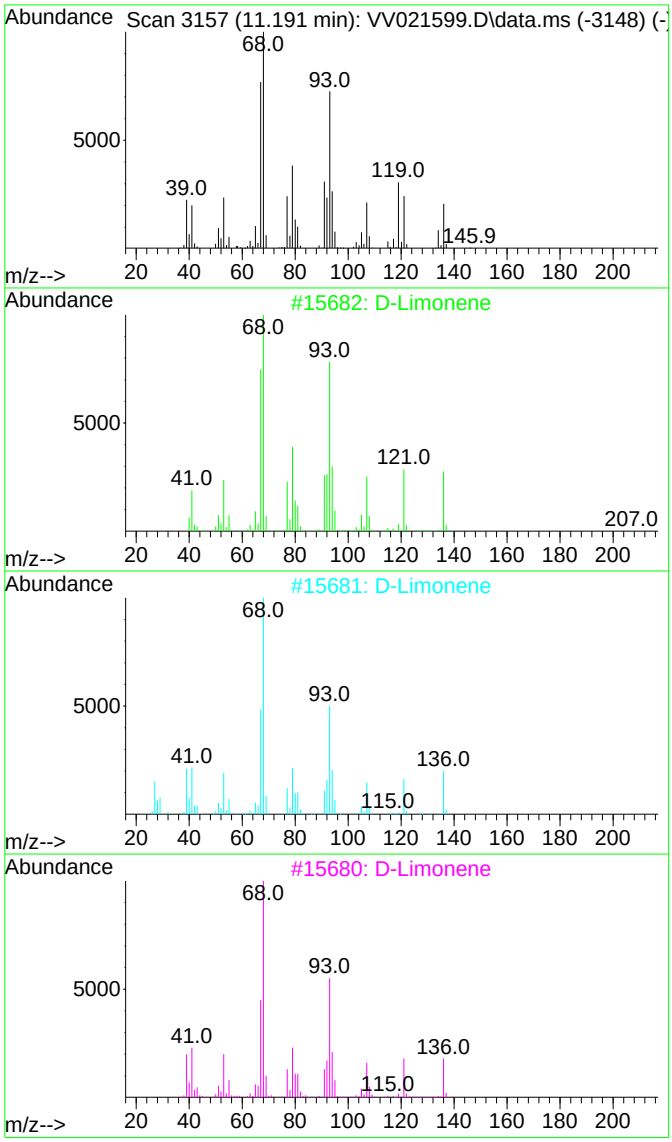
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

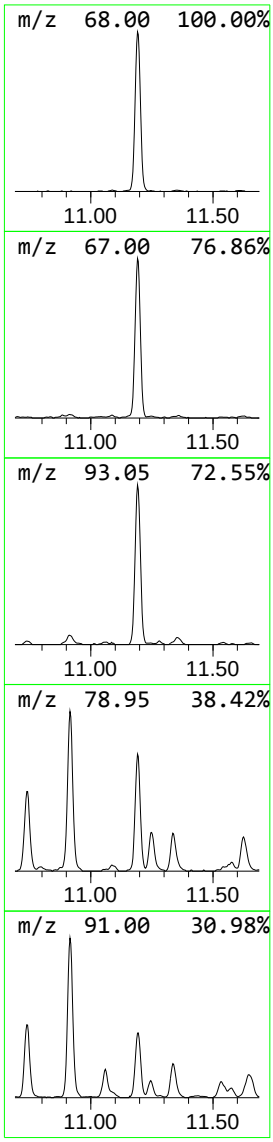
****

Peak Number 7 D-Limonene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.191	11.53 ug/L	381791	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	D-Limonene	136	C10H16	005989-27-5	96
3	D-Limonene	136	C10H16	005989-27-5	95
4	D-Limonene	136	C10H16	005989-27-5	94
5	Limonene	136	C10H16	000138-86-3	94





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Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

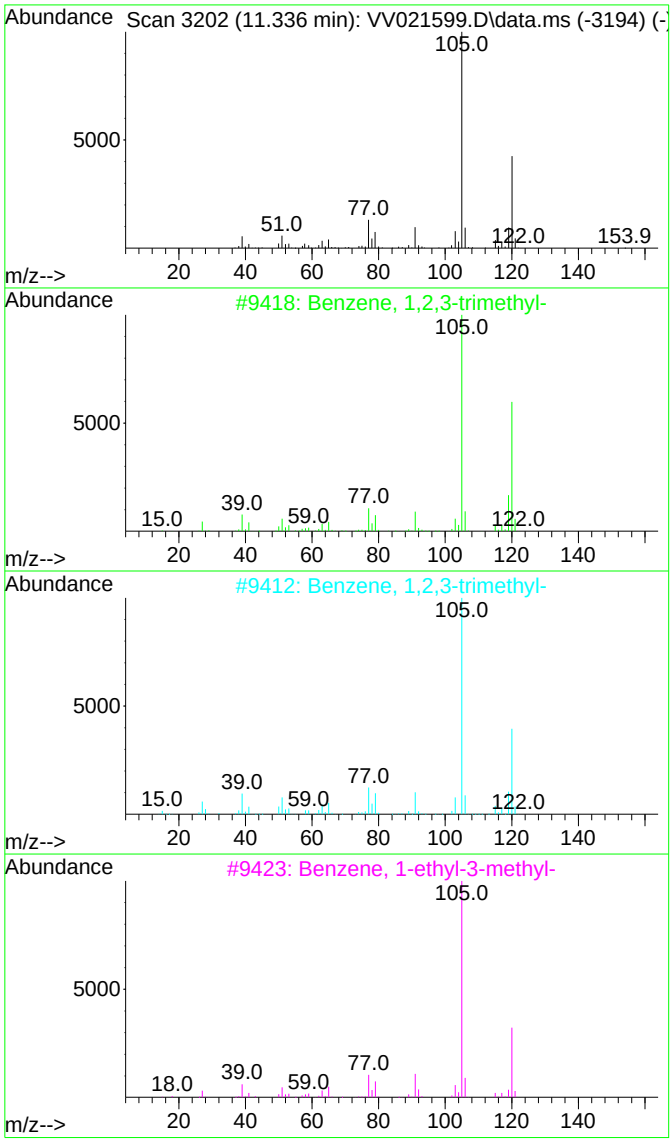
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

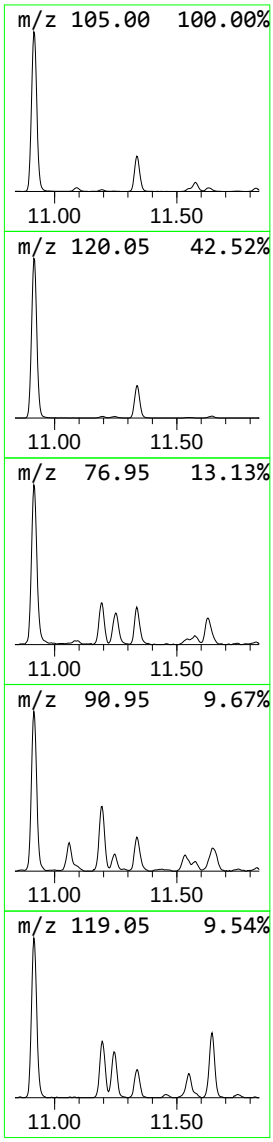
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.336	7.75 ug/L	256772	1,4-Dichlorobenzene-d4	11.249

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	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

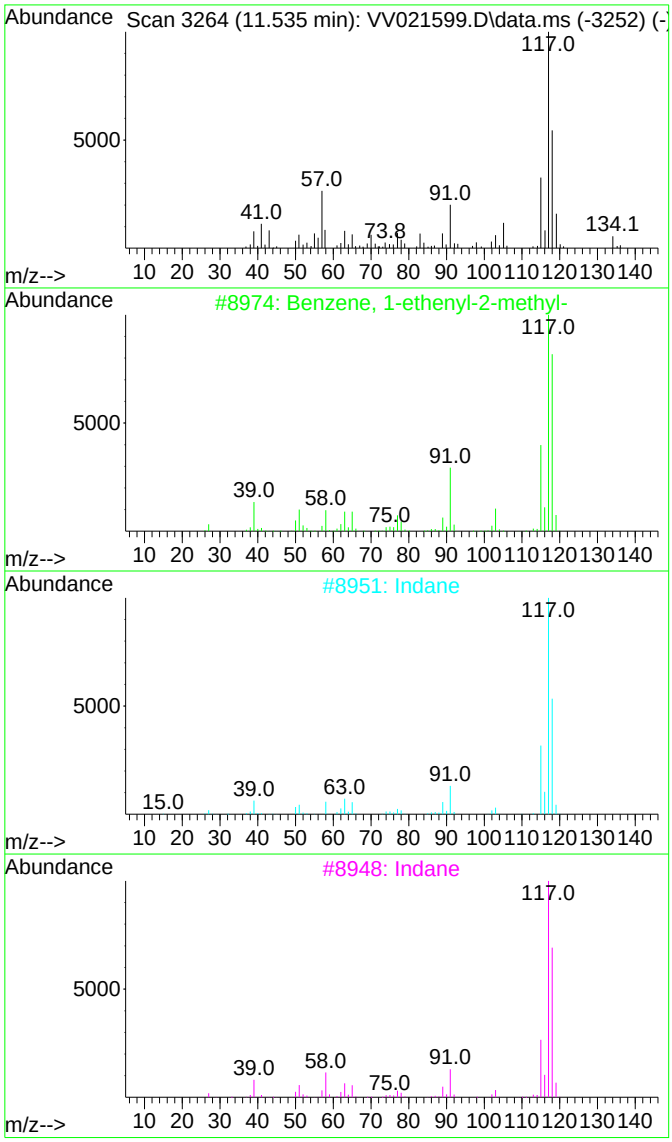
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

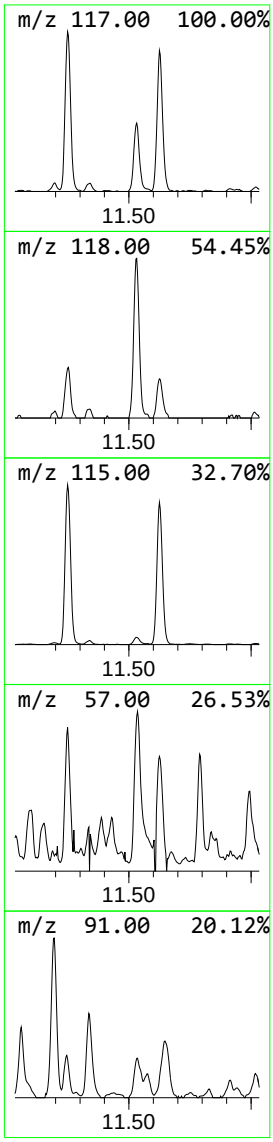
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethenyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.535	3.68 ug/L	121716	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76





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Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

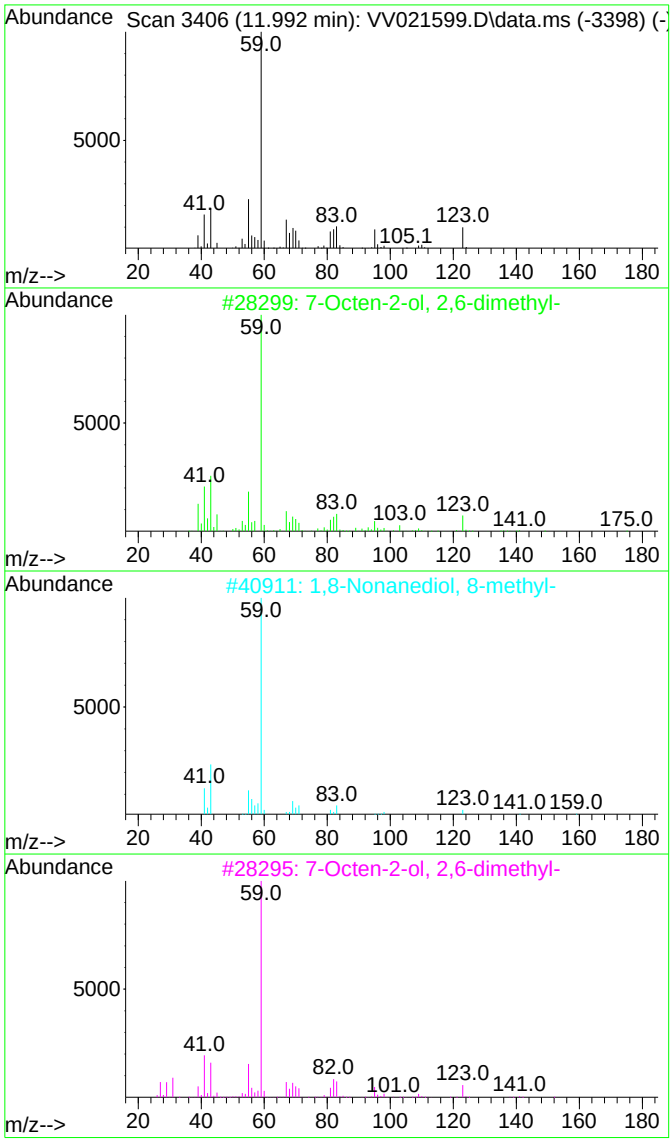
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

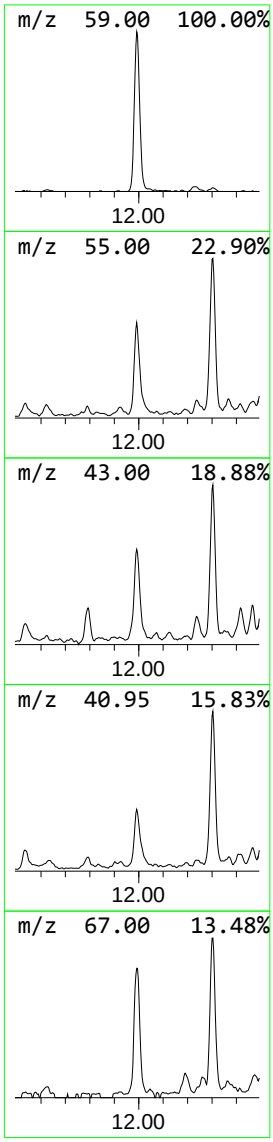
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	5.28 ug/L	174847	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	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	72
4	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	56
5	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	53





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Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

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

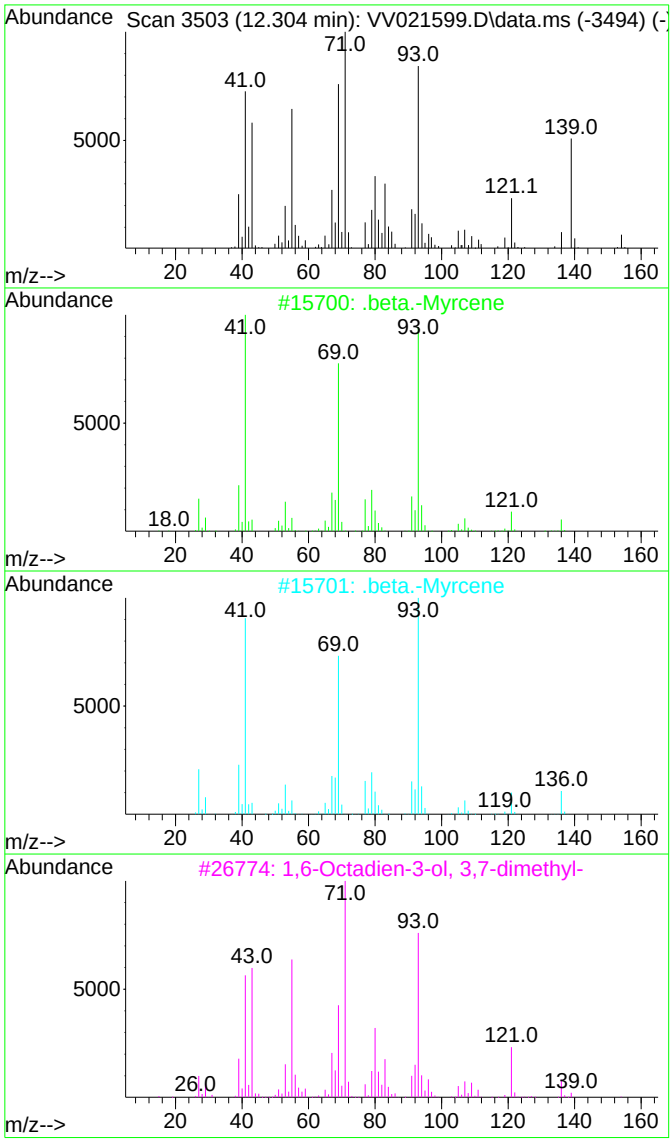
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

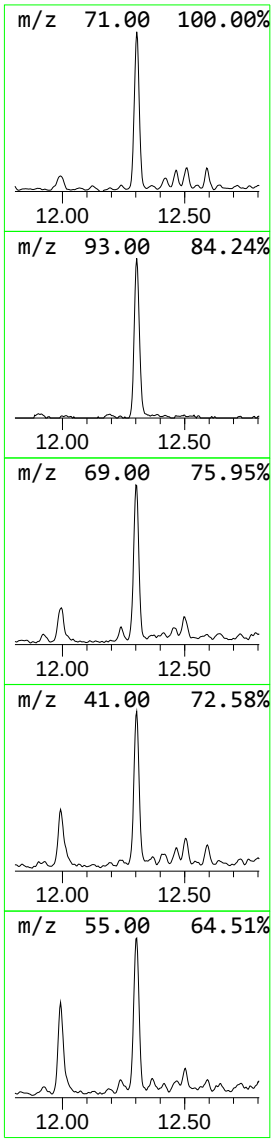
****

Peak Number 11 .beta.-Myrcene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	7.31 ug/L	242145	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Myrcene	136	C10H16	000123-35-3	50
2	.beta.-Myrcene	136	C10H16	000123-35-3	50
3	1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	46
4	1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	43
5	.beta.-Myrcene	136	C10H16	000123-35-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

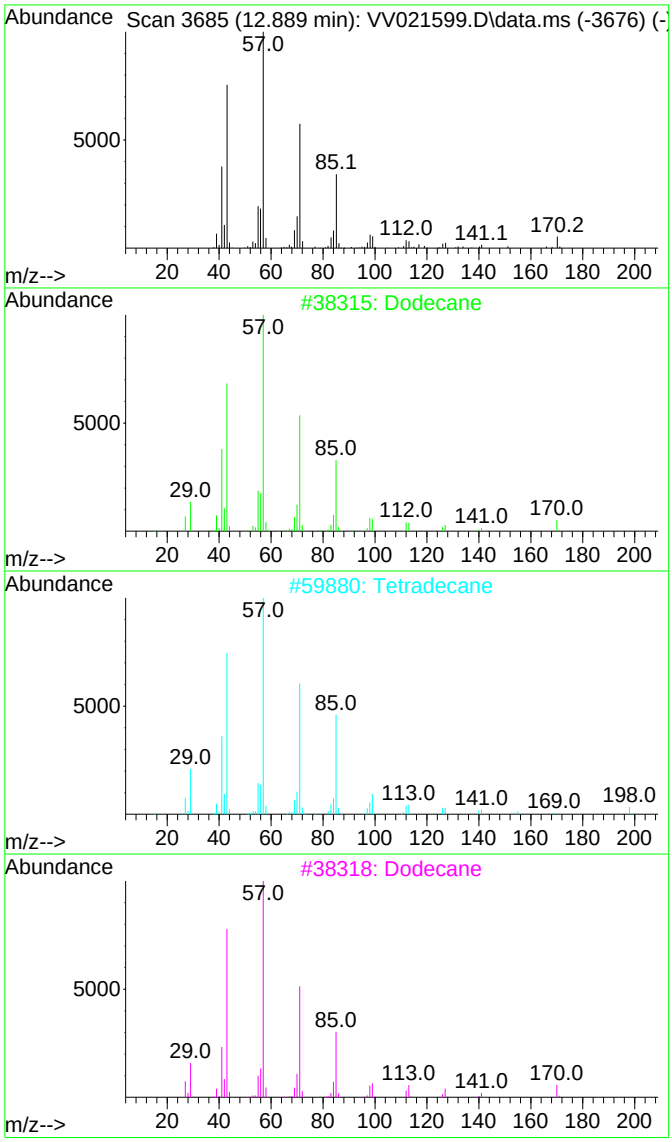
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

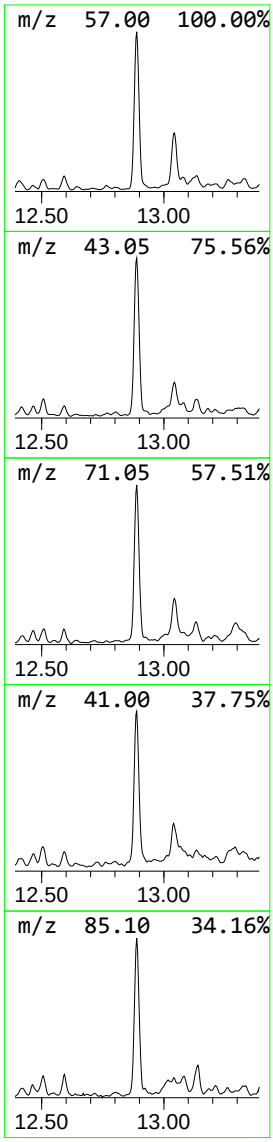
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.889	8.82 ug/L	292059	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Tetradecane	198	C14H30	000629-59-4	90
3	Dodecane	170	C12H26	000112-40-3	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Hexadecane	226	C16H34	000544-76-3	87





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Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

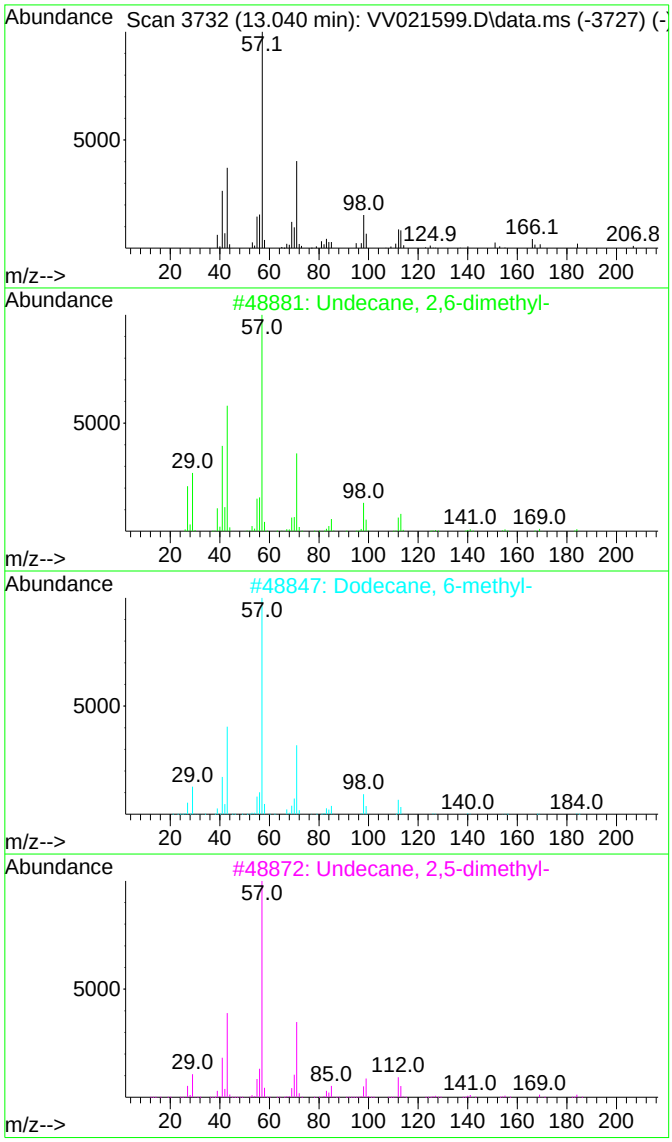
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

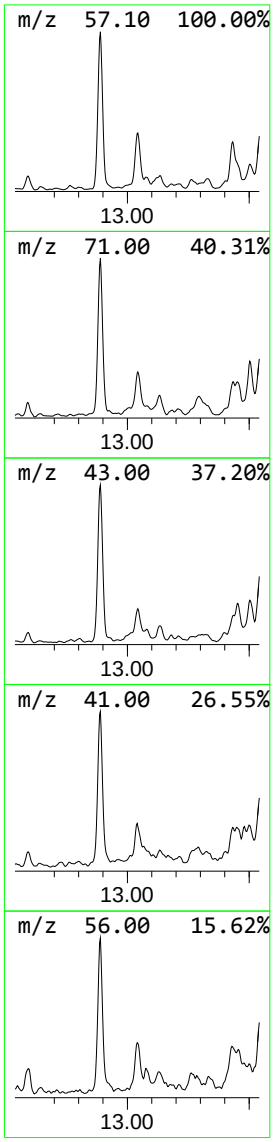
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.040	2.97 ug/L	98305	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	80
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	74
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64





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Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

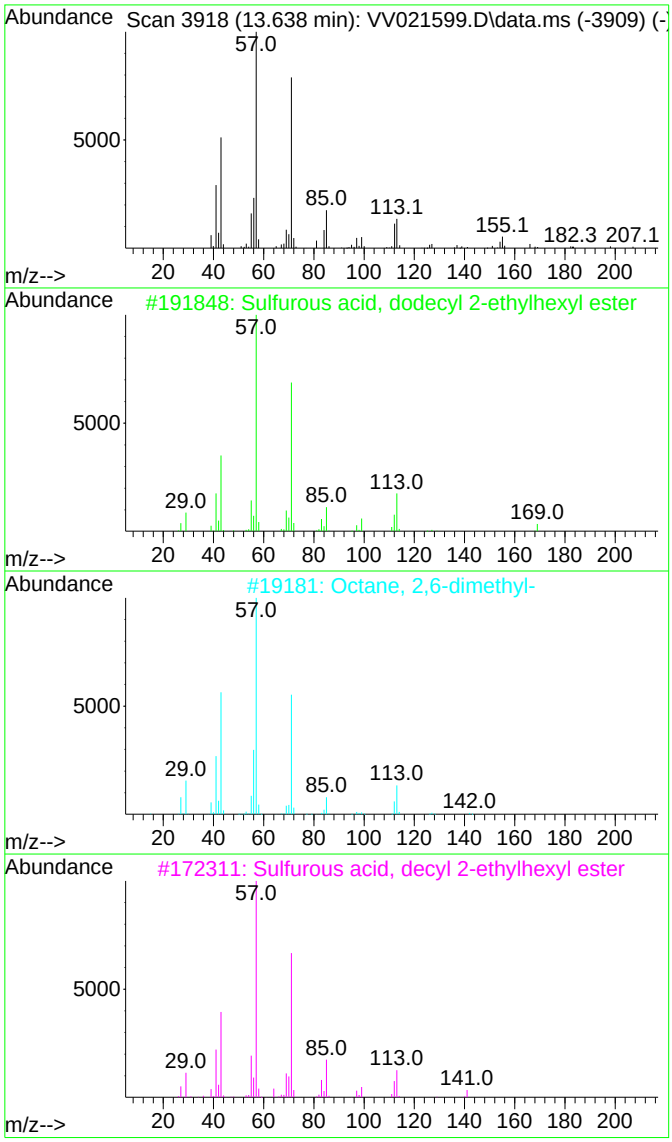
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

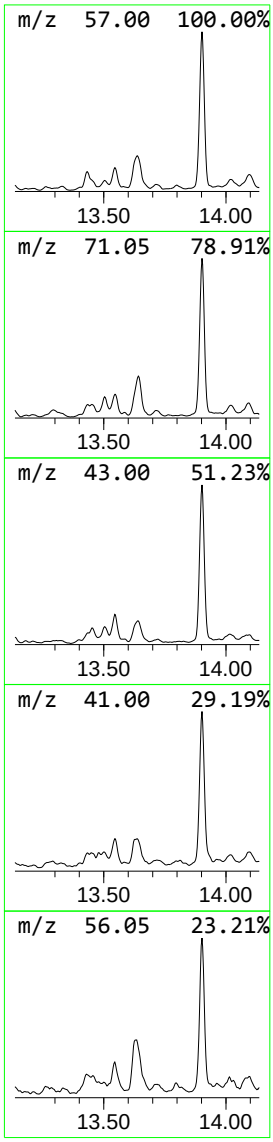
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Sulfurous acid, dodecyl 2-e... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.638	5.86 ug/L	193914	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64





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Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

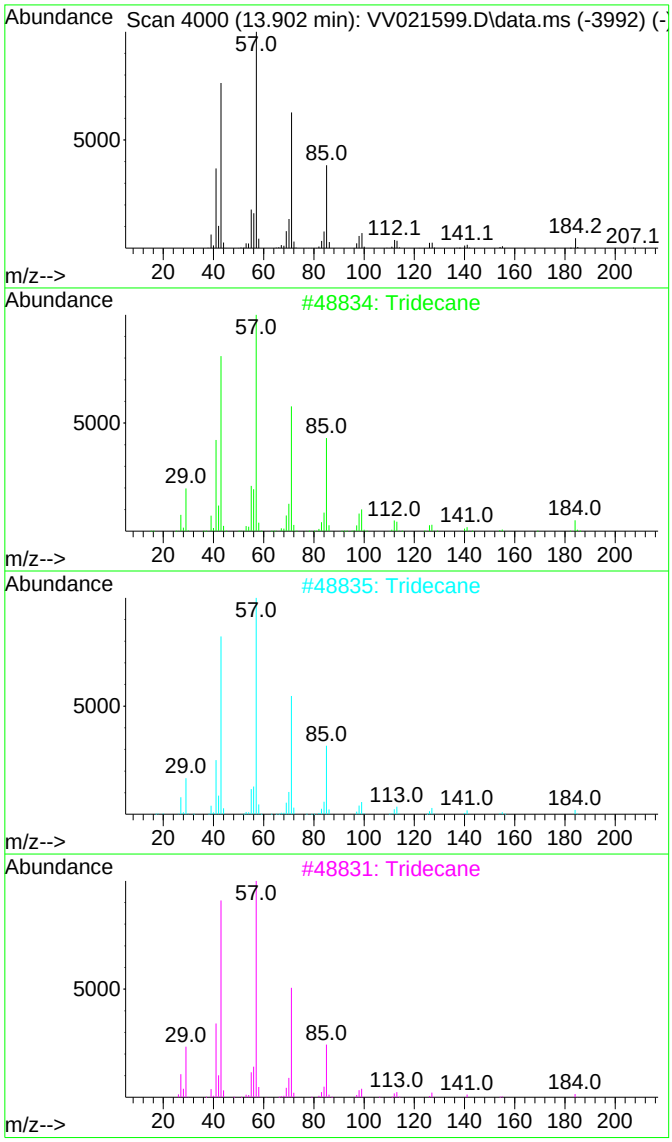
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

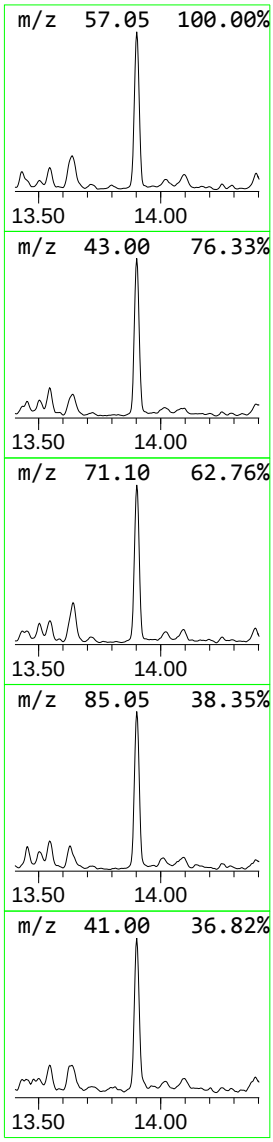
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.902	19.88 ug/L	658406	1,4-Dichlorobenzene-d4	11.249

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	Tetradecane	198	C14H30	000629-59-4	90
5	Dodecane	170	C12H26	000112-40-3	90





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Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

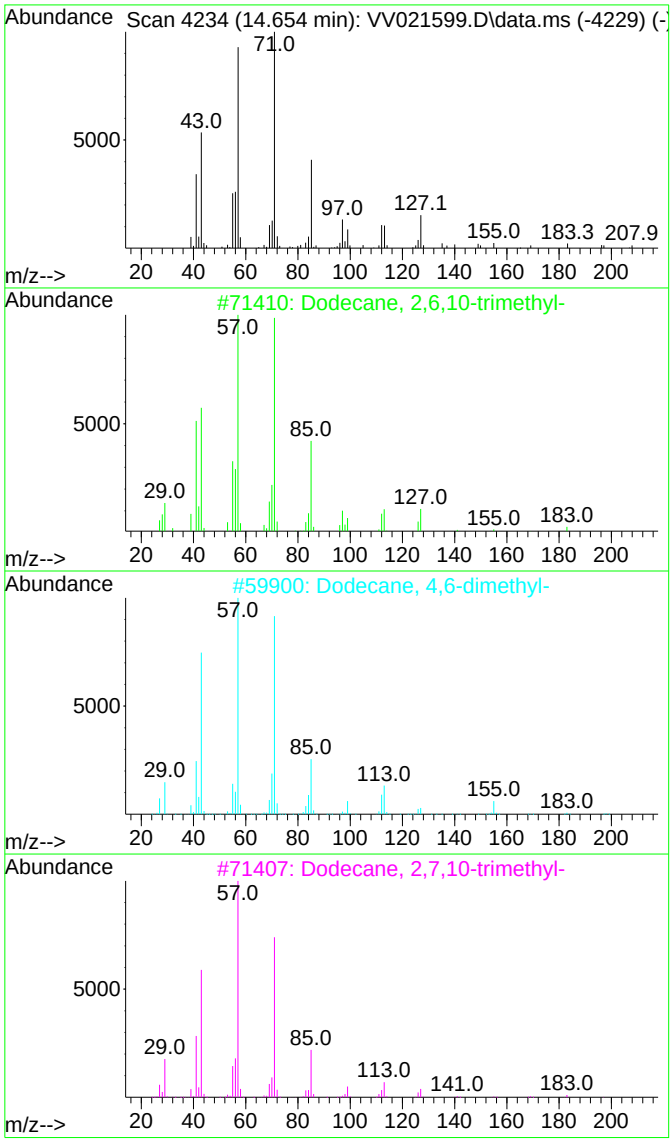
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

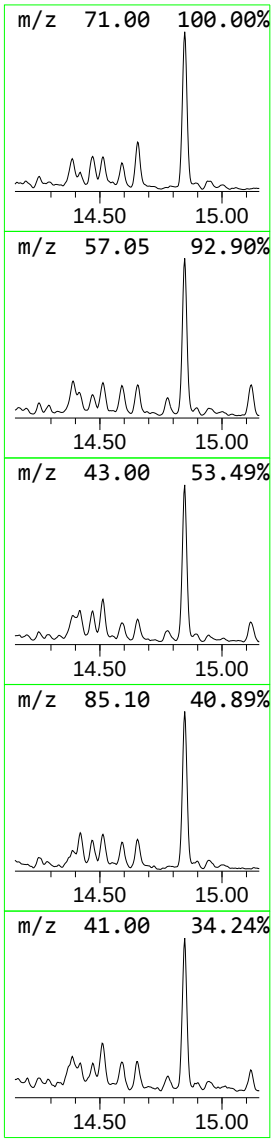
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.654	3.22 ug/L	106616	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53





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Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

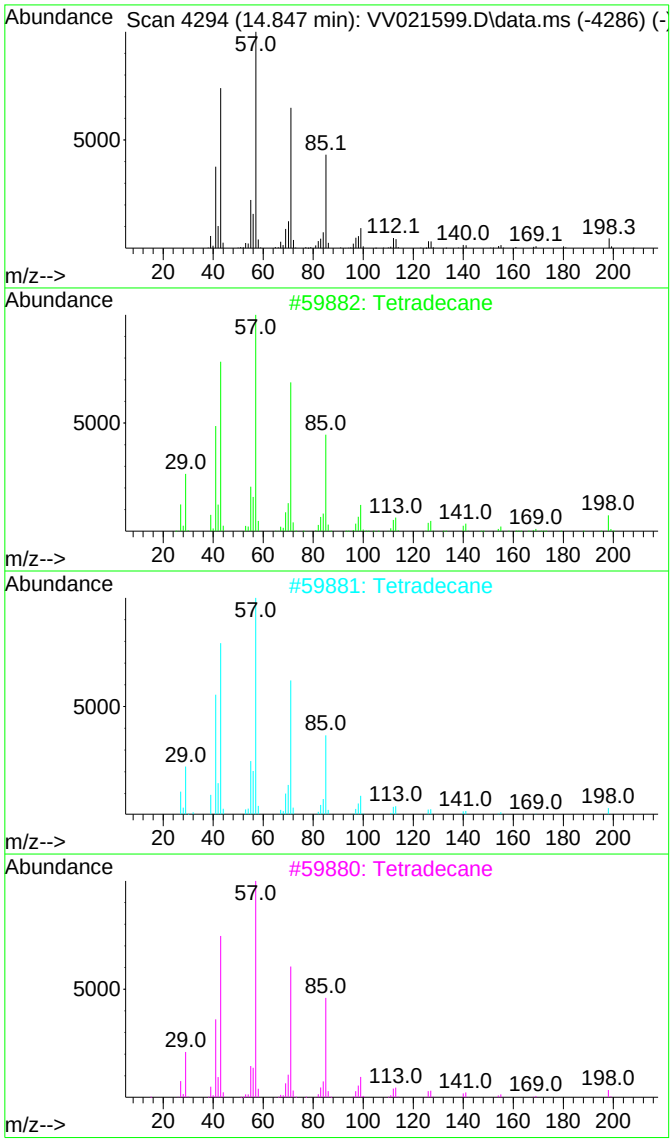
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

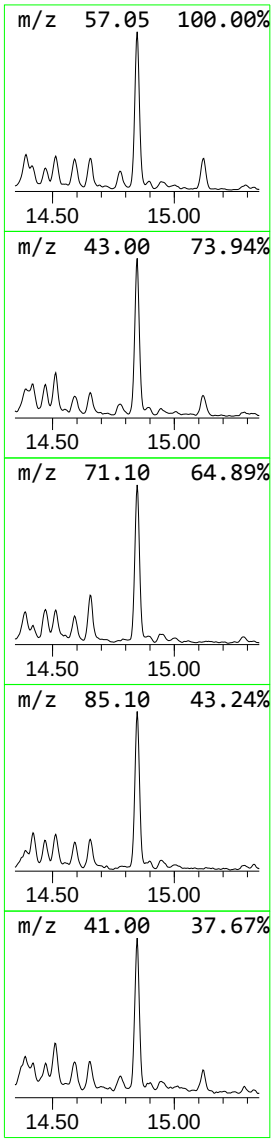
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.847	9.94 ug/L	329149	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tetradecane	198	C14H30	000629-59-4	95
3	Tetradecane	198	C14H30	000629-59-4	95
4	Nonadecane	268	C19H40	000629-92-5	91
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

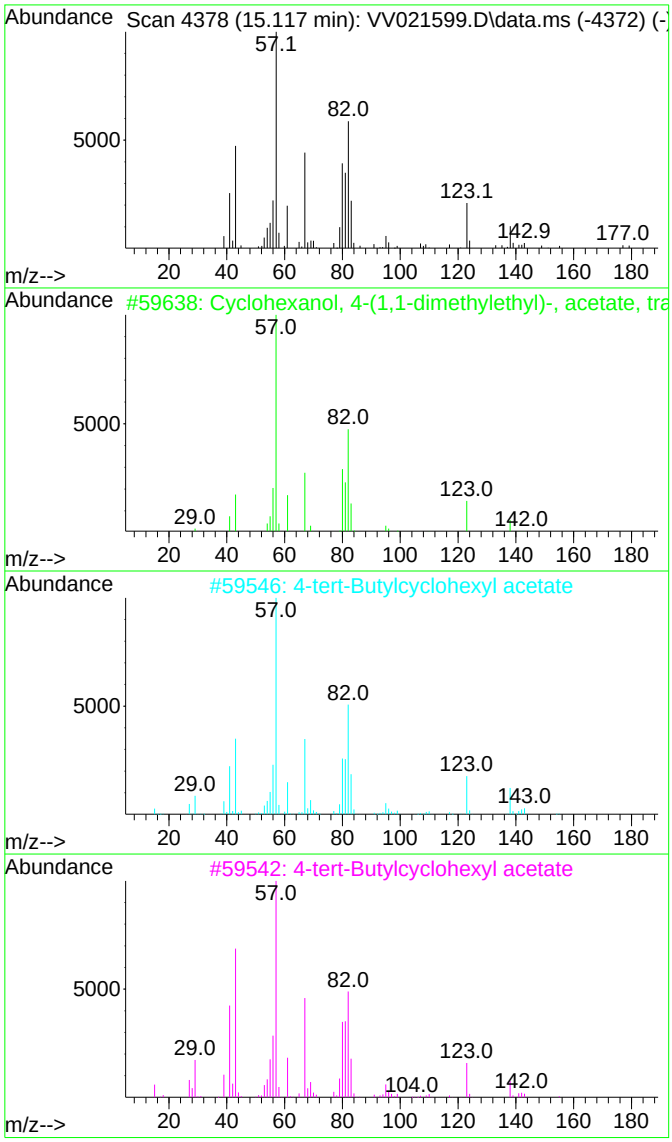
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

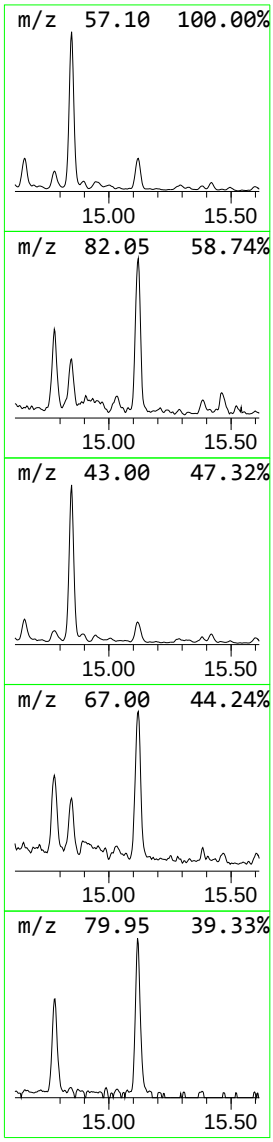
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclohexanol, 4-(1,1-dimeth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	2.65 ug/L	87616	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 4-(1,1-dimethyleth...	198	C12H22O2	001900-69-2	80
2	4-tert-Butylcyclohexyl acetate	198	C12H22O2	032210-23-4	80
3	4-tert-Butylcyclohexyl acetate	198	C12H22O2	032210-23-4	72
4	Cyclohexanol, 4-(1,1-dimethyleth...	198	C12H22O2	010411-92-4	72
5	Cyclohexanol, 2-(1,1-dimethyleth...	156	C10H20O	013491-79-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK44

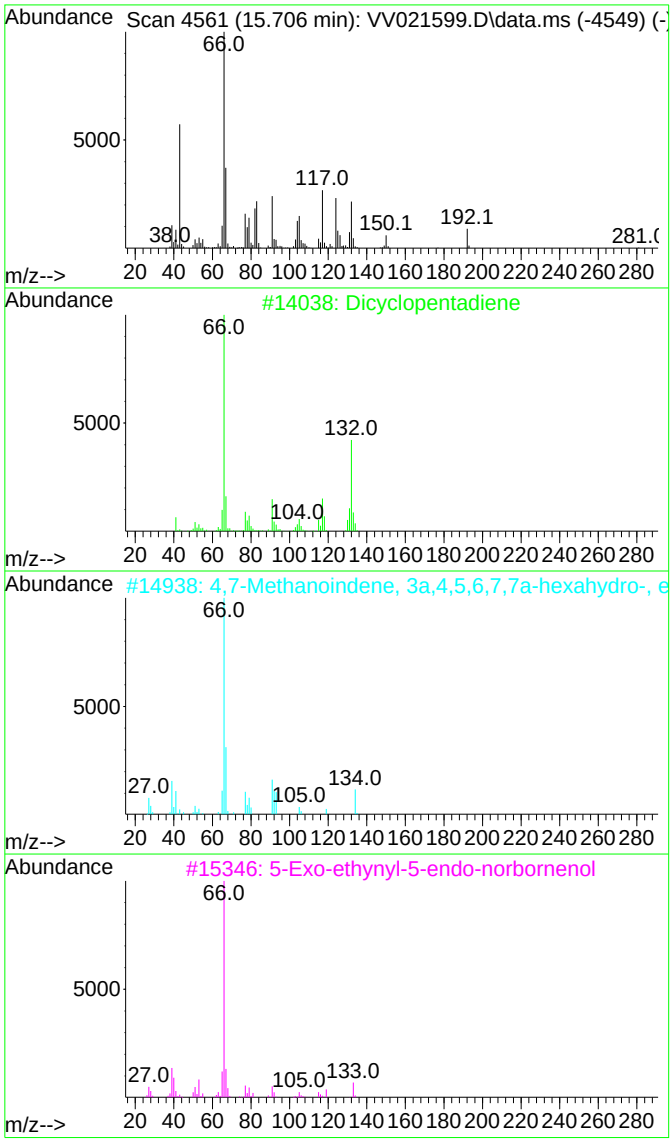
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

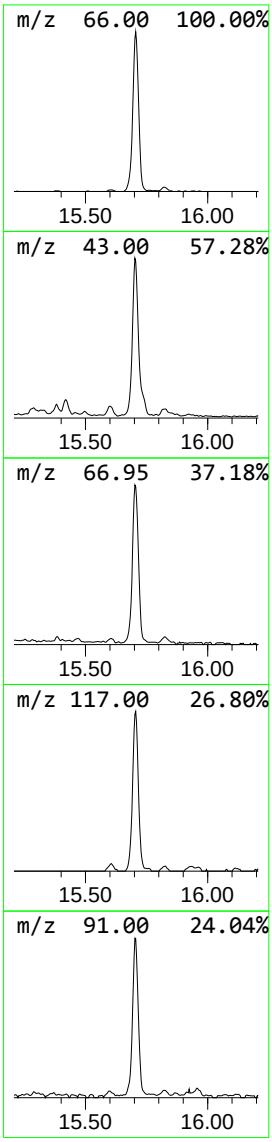
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Dicyclopentadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.706	11.21 ug/L	371320	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopentadiene	132	C10H12	000077-73-6	72
2	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	64
3	5-Exo-ethynyl-5-endo-norbornenol	134	C9H10O	106697-35-2	64
4	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	64
5	Bicyclo[3.2.0]hept-2-ene, cis-	94	C7H10	1000155-54-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

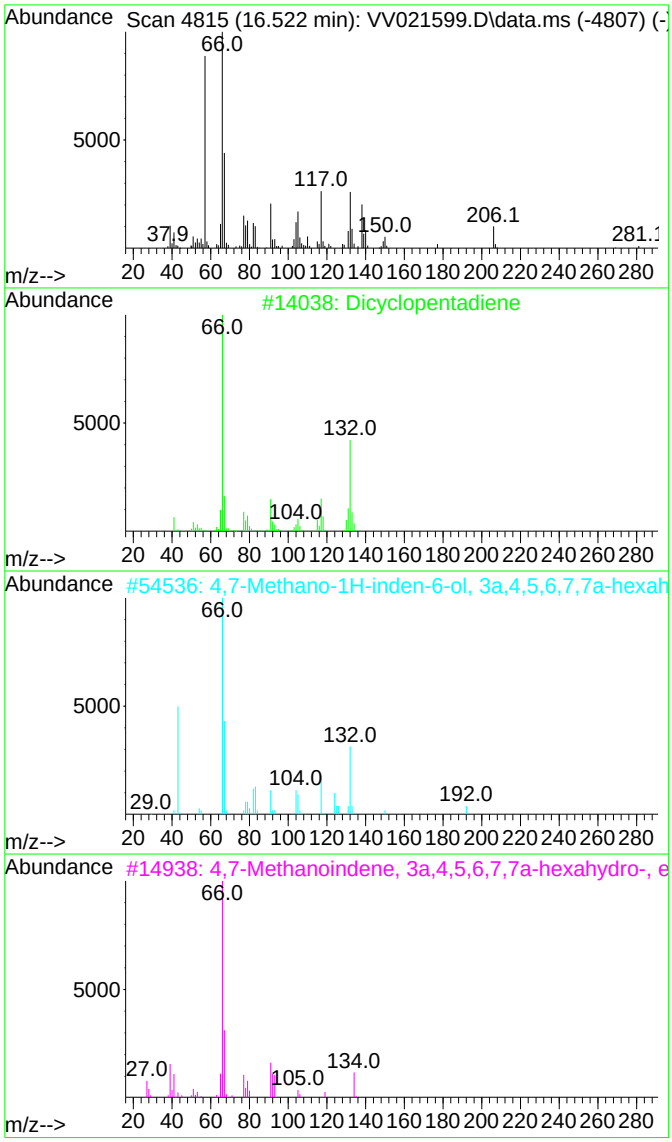
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

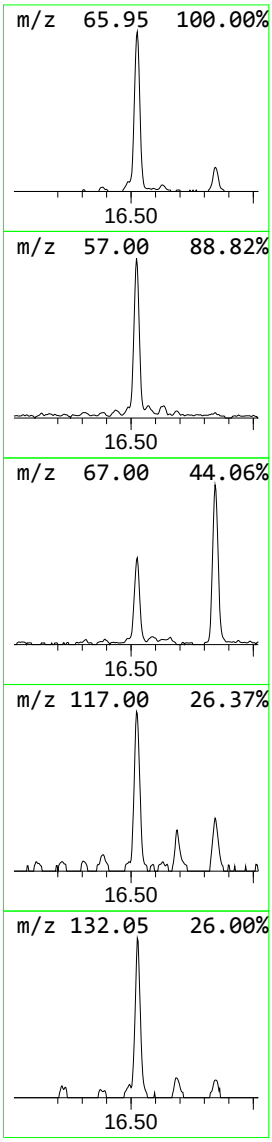
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4,7-Methano-1H-inden-6-ol, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.522	3.24 ug/L	107360	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopentadiene	132	C10H12	000077-73-6	74
2	4,7-Methano-1H-inden-6-ol, 3a,4,...	192	C12H16O2	005413-60-5	72
3	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	59
4	Tetracyclo[6.3.1.1(3,6).0(2,7)]t...	200	C14H16O	1000192-54-3	53
5	Tricyclo[4.2.1.0<2,5>]non-3-ene	120	C9H12	007078-40-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK44

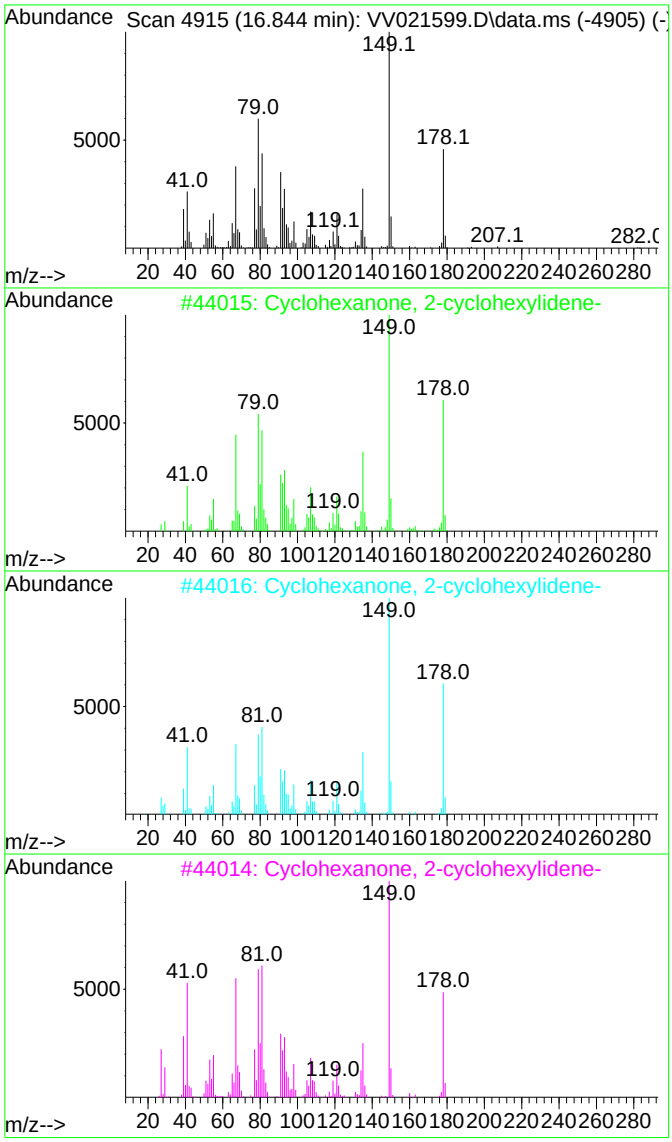
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

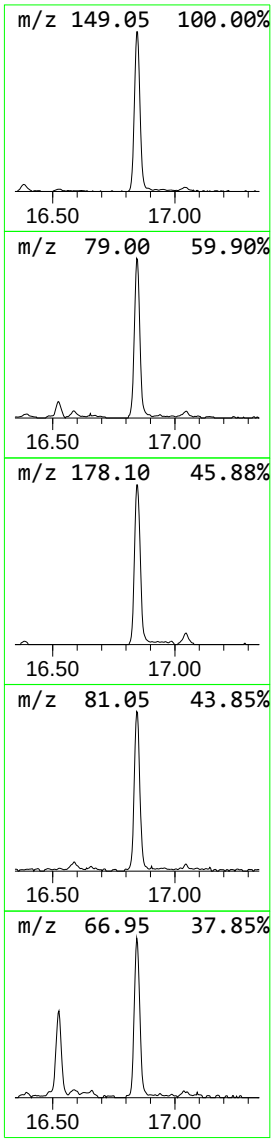
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cyclohexanone, 2-cyclohexyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.844	10.79 ug/L	357368	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	99
2	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	97
3	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	96
4	2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	94
5	2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021599.D
Acq On : 02 Jul 2021 15:42
Operator : SY/MD
Sample : M2914-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 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
Acetaldehyde	1.378	4.8	ug/L	120131	1	5.616	1253680	50.0
Ethanol	1.960	17.2	ug/L	431275	1	5.616	1253680	50.0
Benzene, propyl-	10.355	5.3	ug/L	173783	3	11.249	1655760	50.0
Benzene, 1-ethy...	10.448	27.3	ug/L	902514	3	11.249	1655760	50.0
Benzene, 1-ethy...	10.738	12.1	ug/L	399308	3	11.249	1655760	50.0
D-Limonene	11.191	11.5	ug/L	381791	3	11.249	1655760	50.0
Benzene, 1,2,3-...	11.336	7.8	ug/L	256772	3	11.249	1655760	50.0
Benzene, 1-ethe...	11.535	3.7	ug/L	121716	3	11.249	1655760	50.0
7-Octen-2-ol, 2...	11.992	5.3	ug/L	174847	3	11.249	1655760	50.0
.beta.-Myrcene	12.304	7.3	ug/L	242145	3	11.249	1655760	50.0
(DEL) Alkane: S...	12.889	8.8	ug/L	292059	3	11.249	1655760	50.0
(DEL) Alkane: S...	13.040	3.0	ug/L	98305	3	11.249	1655760	50.0
Sulfurous acid,...	13.638	5.9	ug/L	193914	3	11.249	1655760	50.0
(DEL) Alkane: S...	13.902	19.9	ug/L	658406	3	11.249	1655760	50.0
(DEL) Alkane: S...	14.654	3.2	ug/L	106616	3	11.249	1655760	50.0
(DEL) Alkane: S...	14.847	9.9	ug/L	329149	3	11.249	1655760	50.0
Cyclohexanol, 4...	15.117	2.6	ug/L	87616	3	11.249	1655760	50.0
Dicyclopentadiene	15.706	11.2	ug/L	371320	3	11.249	1655760	50.0
4,7-Methano-1H-...	16.522	3.2	ug/L	107360	3	11.249	1655760	50.0
Cyclohexanone, ...	16.844	10.8	ug/L	357368	3	11.249	1655760	50.0