LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

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: VV021598.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	97	rVB	184876	184455	4.52%	0.476%
2	1.381	99	106	113	rBV	46481	69108	1.69%	0.178%
3	1.564	156	163	179	rVB	146854	164831	4.03%	0.426%
4	2.105	322	331	342	rVV	314392	442740	10.84%	1.143%
5	2.175	342	353	383	rVB	734396	1618834	39.63%	4.180%
6	2.362	383	411	449	rBV2	65118	428906	10.50%	1.107%
7	2.507	451	456	473	rVB2	17914	32198	0.79%	0.083%
8	2.957	584	596	610	rBV3	7010	15731	0.39%	0.041%
9	3.886	866	885	911	rBV	158730	464593	11.37%	1.199%
10	4.352	1013	1030	1065	rBV2	259383	704136	17.24%	1.818%
11	5.047	1230	1246	1260	rBV2	610735	1526545	37.37%	3.941%
12	5.124	1261	1270	1314	rVB3	98186	368014	9.01%	0.950%
13	5.619	1411	1424	1455	rBV	501557	1007602	24.66%	2.601%
14	5.915	1506	1516	1531	rVB10	8461	19082	0.47%	0.049%
15	6.008	1531	1545	1549	rBV4	8669	19783	0.48%	0.051%
16	6.072	1552	1565	1594	rVB	349785	716866	17.55%	1.851%
17	6.989	1838	1850	1873	rBV	200351	363839	8.91%	0.939%
18	7.092	1875	1882	1894	rVB6	4506	9567	0.23%	0.025%
19	7.317	1941	1952	1967	rVV	738528	1276925	31.26%	3.297%
20	7.391	1967	1975	1999	rVB	137318	248989	6.09%	0.643%
21	7.622	2038	2047	2074	rVV2	162682	296170	7.25%	0.765%
22	7.789	2090	2099	2113	rVB10	4913	10554	0.26%	0.027%
23	8.088	2179	2192	2224	rBV	570336	978153	23.94%	2.525%
24	8.294	2250	2256	2266	rVB2	8868	14523	0.36%	0.037%
25	8.352	2266	2274	2287	rVB3	5612	9971	0.24%	0.026%
26	8.600	2337	2351	2362	rBV4	8289	18757	0.46%	0.048%
27	8.667	2362	2372	2385	rVB7	8712	17179	0.42%	0.044%
28	8.792	2398	2411	2418	rBV2	8213	14651	0.36%	0.038%
29	8.854	2418	2430	2460	rVB	727360	1194438	29.24%	3.084%
30	9.018	2468	2481	2491	rBV	24989	43804	1.07%	0.113%
31	9.140	2501	2519	2532	rBV	117025	209145	5.12%	0.540%
32	9.207	2533	2540	2553	rVV5	18827	29139	0.71%	0.075%
33	9.275	2553	2561	2584	rVB	40758	74431	1.82%	0.192%
34	9.387	2589	2596	2611	rBV2	7409	13769	0.34%	0.036%
35	9.477	2613	2624	2634	rBV2	6829	15725	0.38%	0.041%
36	9.545	2635	2645	2666	rVB	119023	199196	4.88%	0.514%

LSC Area Percent Report

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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	9.702	2681	2694	2709	rBV	387567	607588	14.87%	1.569%
38	9.809	2710	2727	2756	rVB4	184429	540009	13.22%	1.394%
39	9.950	2757	2771	2782	rBV2	71842	183577	4.49%	0.474%
40	10.018	2782	2792	2807	rVB	181330	312369	7.65%	0.806%
41	10.120	2820	2824	2834	rVB7	6247	9657	0.24%	0.025%
42	10.217	2834	2854	2874	rVB	536686	899737	22.02%	2.323%
43	10.355	2884	2897	2914	rBV	337469	517421	12.67%	1.336%
44	10.448	2914	2926	2945	rVV	1364250	2812142	68.84%	7.260%
45	10.542	2945	2955	2988	rVB	797562	1227846	30.06%	3.170%
46	10.738	3005	3016	3038	rVB	730836	1122230	27.47%	2.897%
47	10.915	3056	3071	3090	rVB	2780484	4085298	100.00%	10.547%
48	11.085	3109	3124	3139	rVB3	313309	528389	12.93%	1.364%
49	11.153	3139	3145	3147	rBV4	11580	12294	0.30%	0.032%
50	11.191	3148	3157	3166	rVV2	569346	849673	20.80%	2.194%
51	11.249	3166	3175	3190	rVV2	867956	1376122	33.68%	3.553%
52	11.339	3192	3203	3223	rVB	566921	1086713	26.60%	2.806%
53	11.532	3250	3263	3272	rBV3	212575	406454	9.95%	1.049%
54	11.577	3273	3277	3283	rVV	93590	126594	3.10%	0.327%
55	11.625	3283	3292	3317	rVB2	787083	1386985	33.95%	3.581%
56	11.751	3323	3331	3339	rBV3	11538	16667	0.41%	0.043%
57	11.831	3345	3356	3371	rBV3	78216	157747	3.86%	0.407%
58	11.915	3372	3382	3388	rBV2	54150	92761	2.27%	0.239%
59	11.992	3395	3406	3429	rVB	2675258	3957240	96.87%	10.217%
60	12.239	3474	3483	3492	rBV3	14764	24708	0.60%	0.064%
61	12.307	3494	3504	3514	rVB8	26839	50375	1.23%	0.130%
62	12.416	3531	3538	3546	rVB	20679	28260	0.69%	0.073%
63	12.468	3546	3554	3563	rVB	31741	45986	1.13%	0.119%
64	12.731	3627	3636	3643	rBV4	23248	39758	0.97%	0.103%
65	12.886	3678	3684	3700	rVB6	22856	37811	0.93%	0.098%
66	12.998	3712	3719	3728	rBV6	22254	32197	0.79%	0.083%
67	13.062	3729	3739	3750	rVB7	19403	36220	0.89%	0.094%
68	13.159	3754	3769	3785	rVB7	19354	58338	1.43%	0.151%
69	13.239	3786	3794	3799	rBV3	13137	22007	0.54%	0.057%
70	13.287	3800	3809	3827	rVB2	77272	144355	3.53%	0.373%
71	13.435	3847	3855	3861	rBV9	12236	20168	0.49%	0.052%
72	13.525	3873	3883	3898	rBV2	195700	341076	8.35%	0.881%
73	13.802	3962	3969	3982	rVB10	13691	30284	0.74%	0.078%
74	13.902	3993	4000	4009	rBV2	24657	33328	0.82%	0.086%
75	14.021	4029	4037	4046	rVB8	9765	17926	0.44%	0.046%
76	14.114	4058	4066	4072	rVB6	9487	13244	0.32%	0.034%

LSC Area Percent Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

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	14.403	4145	4156	4170	rVB2	176035	279254	6.84%	0.721%
78	14.593	4209	4215	4225	rBV2	5448	10015	0.25%	0.026%
79	14.776	4263	4272	4280	rBV3	37324	59653	1.46%	0.154%
80	14.847	4288	4294	4300	rVV3	14412	18643	0.46%	0.048%
81	14.889	4300	4307	4320	rVB3	38949	61147	1.50%	0.158%
82	15.117	4367	4378	4396	rVB2	68922	108553	2.66%	0.280%
83	15.300	4427	4435	4446	rVB3	13772	22652	0.55%	0.058%
84	15.467	4479	4487	4491	rBV2	7396	11112	0.27%	0.029%
85	15.506	4492	4499	4506	rVV2	31006	49527	1.21%	0.128%
86	15.548	4508	4512	4519	rVV7	12626	16439	0.40%	0.042%
87	15.596	4519	4527	4544	rVB5	33734	60066	1.47%	0.155%
88	15.702	4549	4560	4573	rVV3	61329	106463	2.61%	0.275%
89	15.876	4608	4614	4621	rVB4	14413	19094	0.47%	0.049%
90	15.921	4622	4628	4633	rVV2	16665	23574	0.58%	0.061%
91	15.956	4633	4639	4648	rVB	34524	49573	1.21%	0.128%
92	16.310	4741	4749	4760	rVB8	12825	19830	0.49%	0.051%
93	16.387	4764	4773	4782	rVV3	23936	40810	1.00%	0.105%
94	16.435	4784	4788	4799	rVB3	11373	16780	0.41%	0.043%
95	16.583	4825	4834	4846	rBV3	23904	47774	1.17%	0.123%
96	16.657	4848	4857	4861	rVV	29909	45731	1.12%	0.118%
97	16.689	4863	4867	4878	rVB3	36398	51334	1.26%	0.133%
98	16.844	4903	4915	4935	rBV	909023	1423129	34.84%	3.674%
99	17.043	4969	4977	4986	rVB7	35069	55892	1.37%	0.144%
100	17.098	4990	4994	5010	rVB5	13901	21626	0.53%	0.056%

Sum of corrected areas: 38732574

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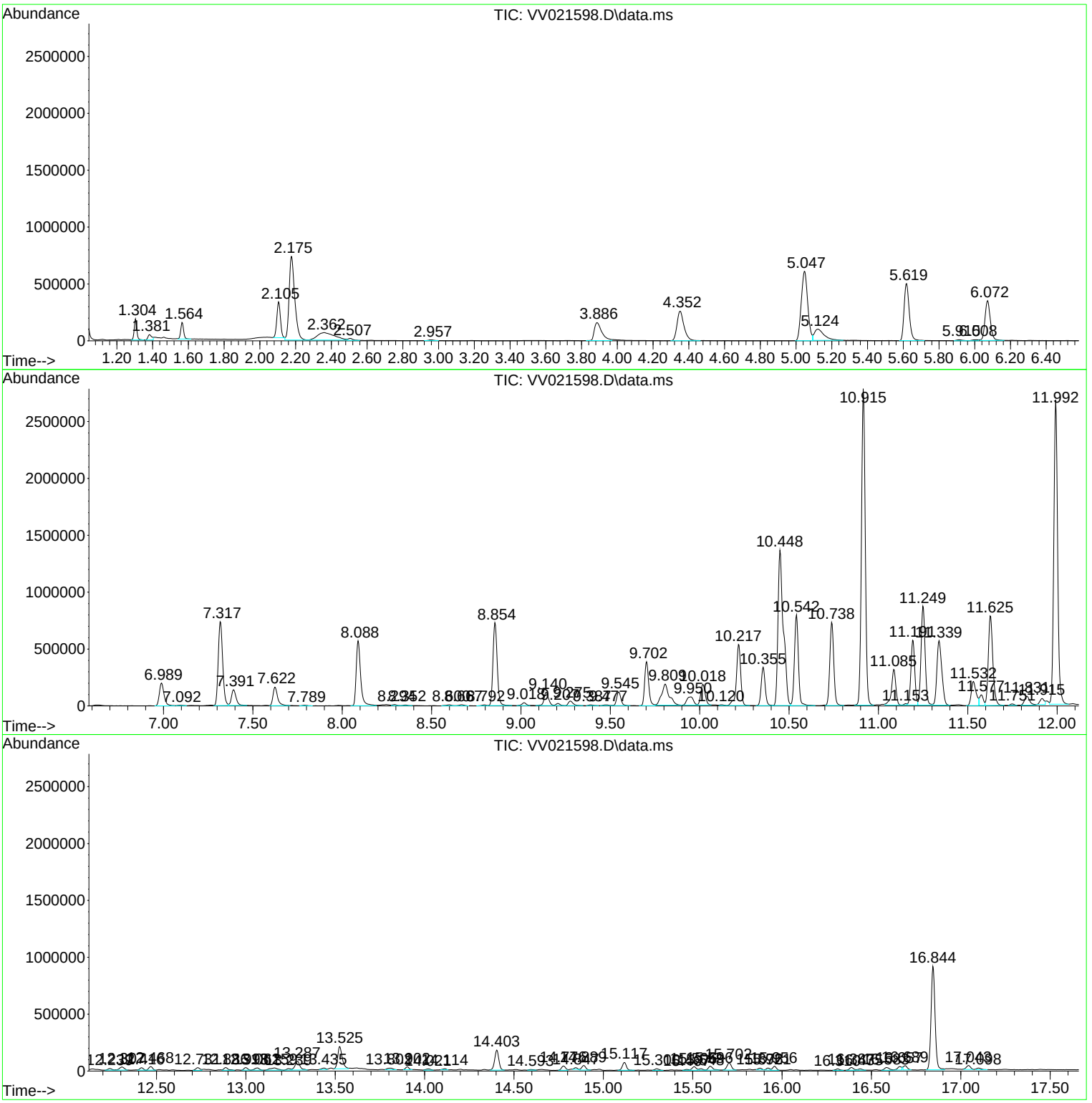
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK43

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 : VV021598.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK43

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

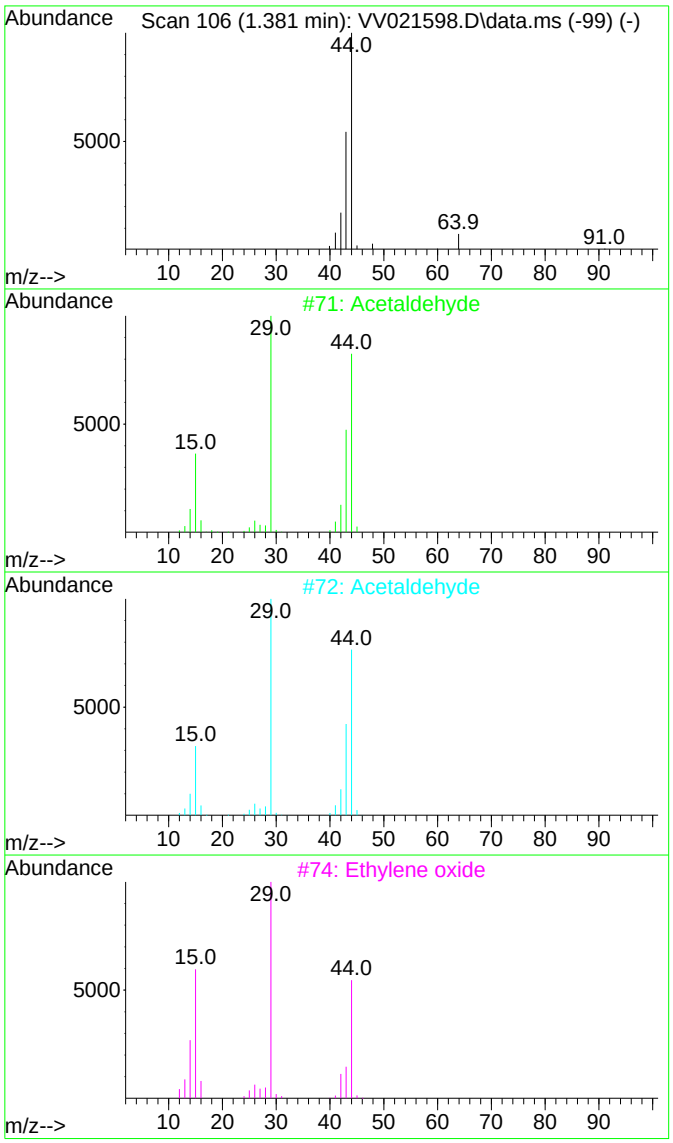
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

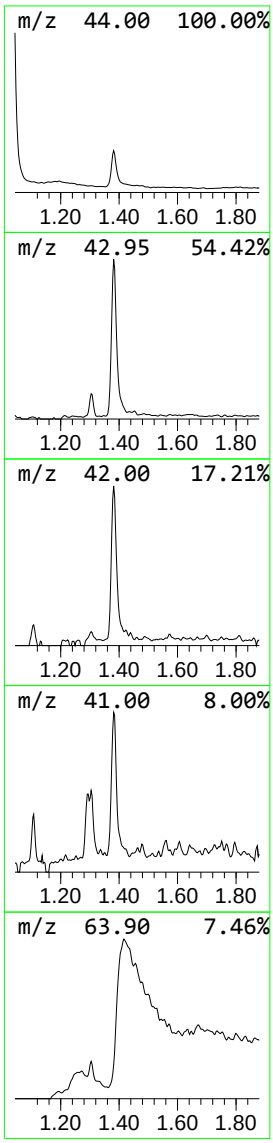
****

Peak Number 1 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.381	3.43 ug/L	69108	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	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Propane	44	C3H8	000074-98-6	4
5	Ethylene oxide	44	C2H4O	000075-21-8	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK43

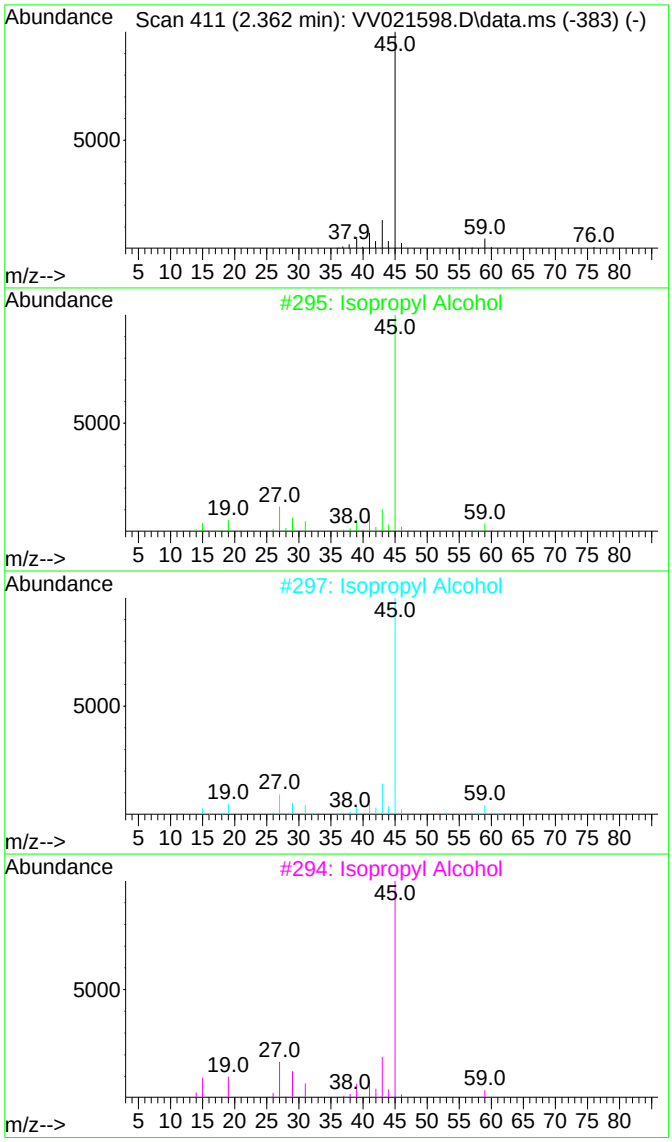
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

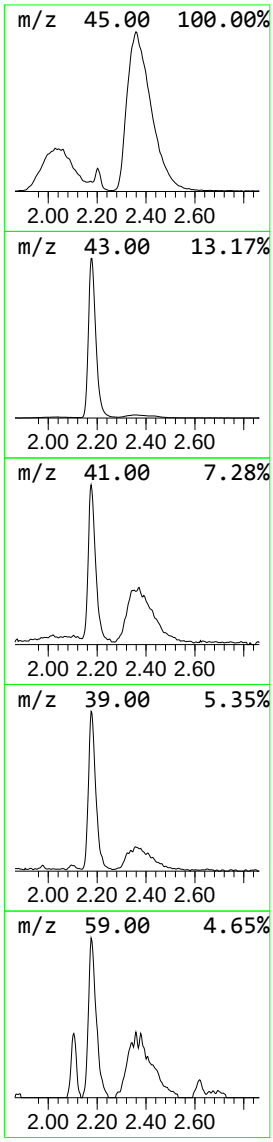
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Isopropyl Alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.362	21.28 ug/L	428906	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43





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Sample : M2914-14
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK43

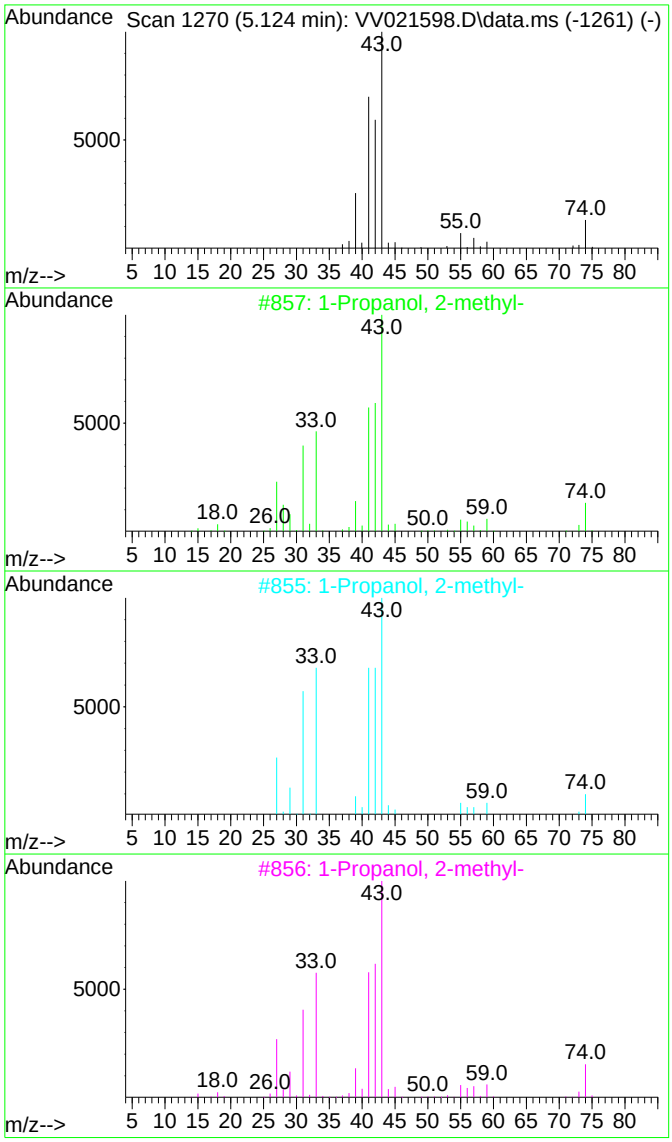
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

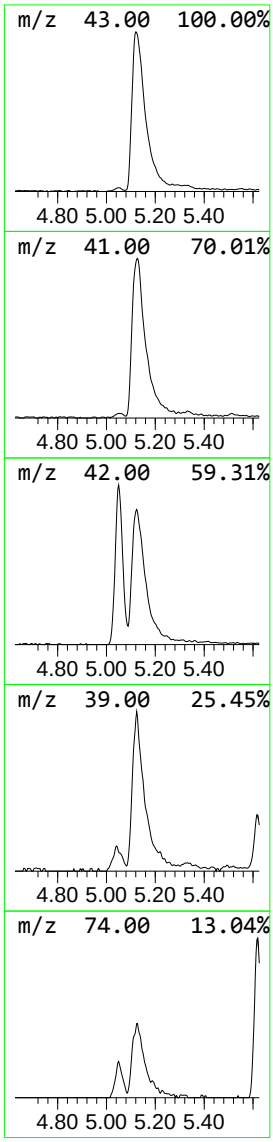
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Propanol, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.124	18.26 ug/L	368014	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	78
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	78
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	64
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	47
5	Butane, 2-methyl-	72	C5H12	000078-78-4	45





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Instrument : MSVOA_V
ClientSampleId : DBK43

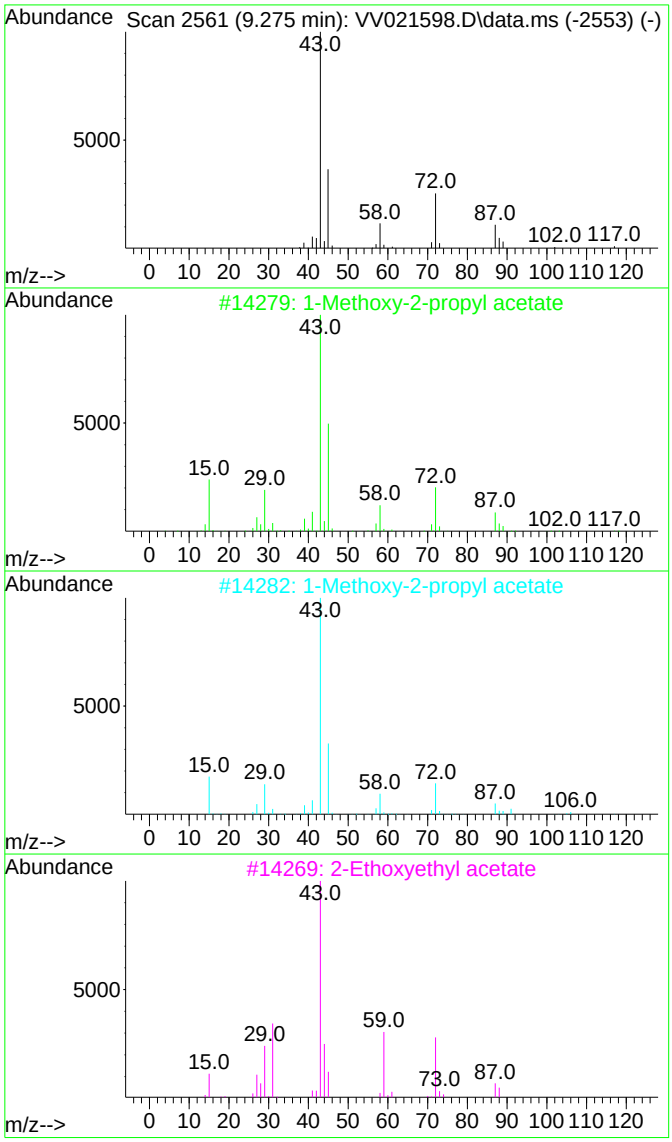
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

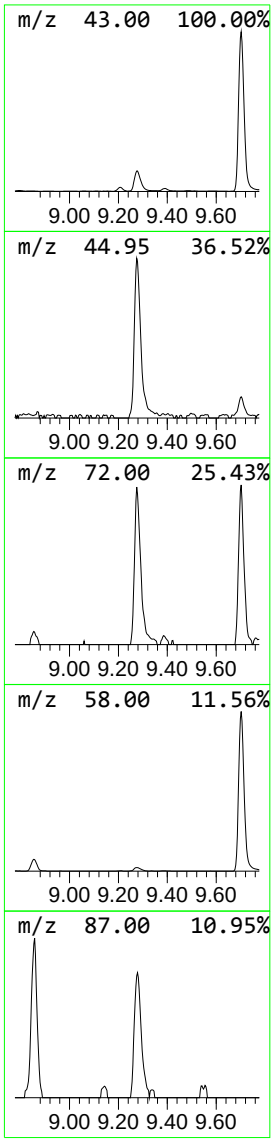
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Methoxy-2-propyl acetate Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	3.12 ug/L	74431	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	83
2	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	74
3	2-Ethoxyethyl acetate	132	C6H12O3	000111-15-9	36
4	2-Butanone	72	C4H8O	000078-93-3	32
5	2-Butanone	72	C4H8O	000078-93-3	25





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Data File : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

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

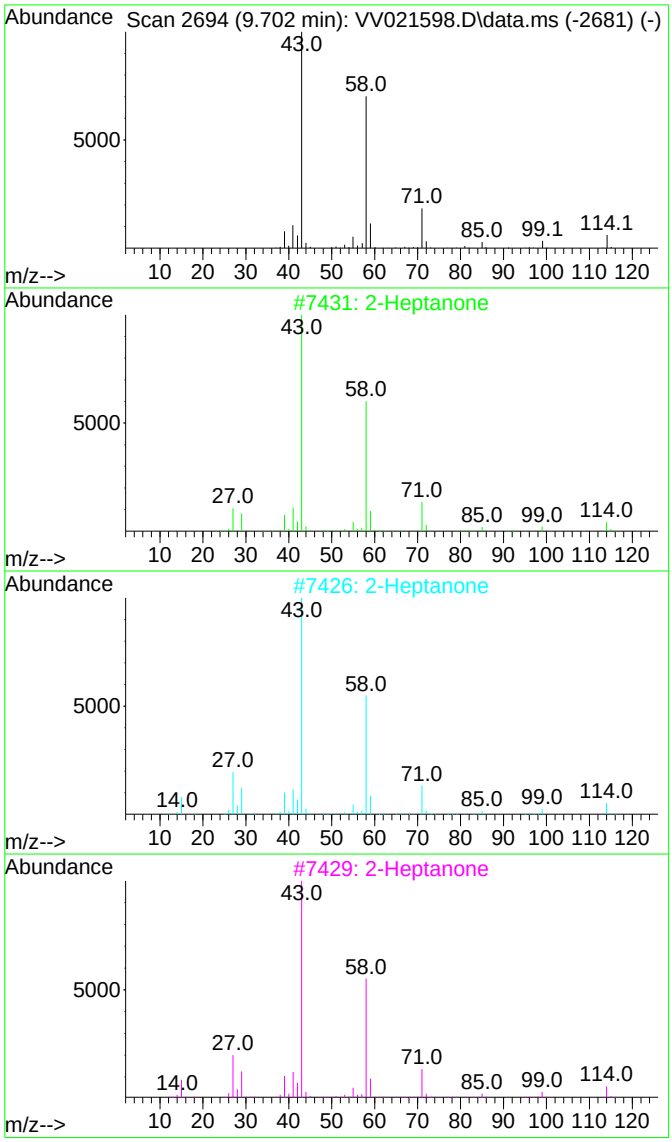
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

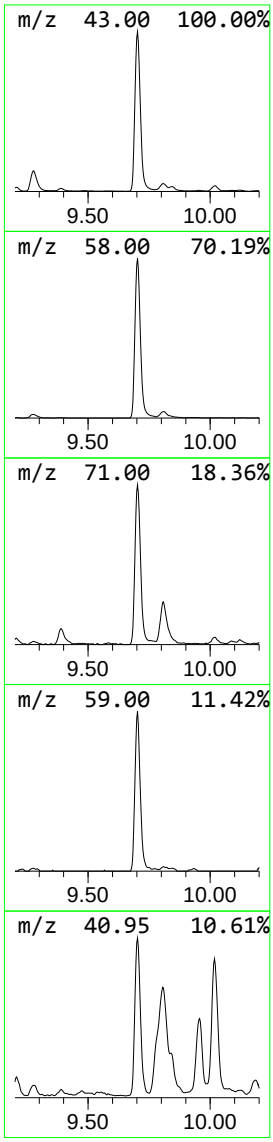
****

Peak Number 6 2-Heptanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.702	25.43 ug/L	607588	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Heptanone	114	C7H14O	000110-43-0	91
3	2-Heptanone	114	C7H14O	000110-43-0	90
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	83
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	83





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Data File : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

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

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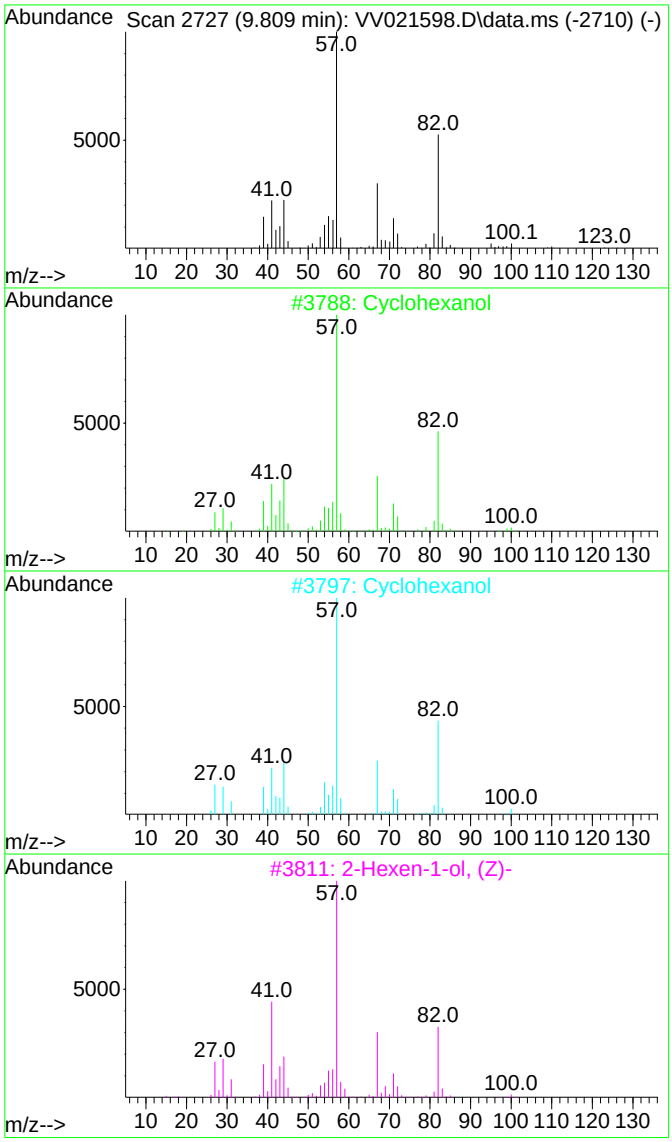
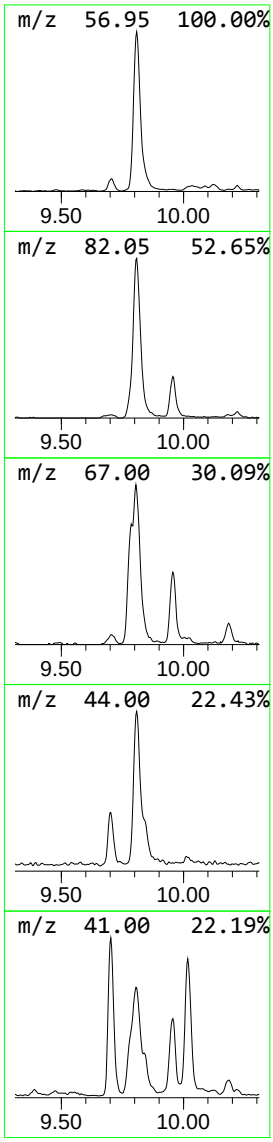
Peak Number 7 Cyclohexanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.809	22.61 ug/L	540009	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	94
2	Cyclohexanol	100	C6H12O	000108-93-0	90
3	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	74
4	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	64
5	Cyclohexanol	100	C6H12O	000108-93-0	58





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Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

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

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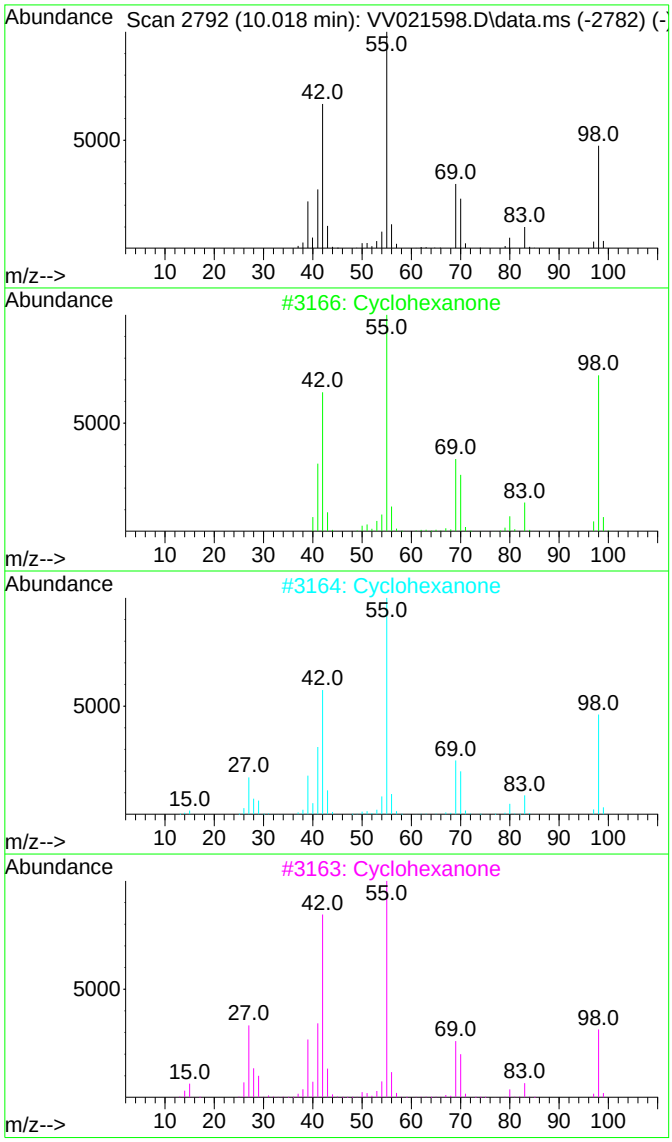
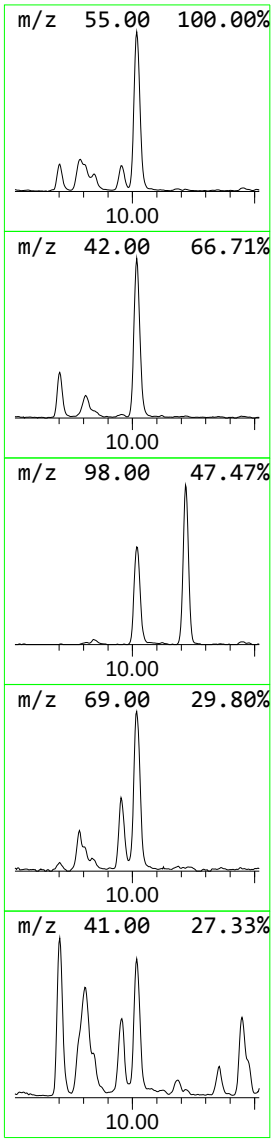
Peak Number 8 Cyclohexanone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.018	13.08 ug/L	312369	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	95
2	Cyclohexanone	98	C6H10O	000108-94-1	94
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	90
5	Cyclohexanone	98	C6H10O	000108-94-1	90





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Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

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

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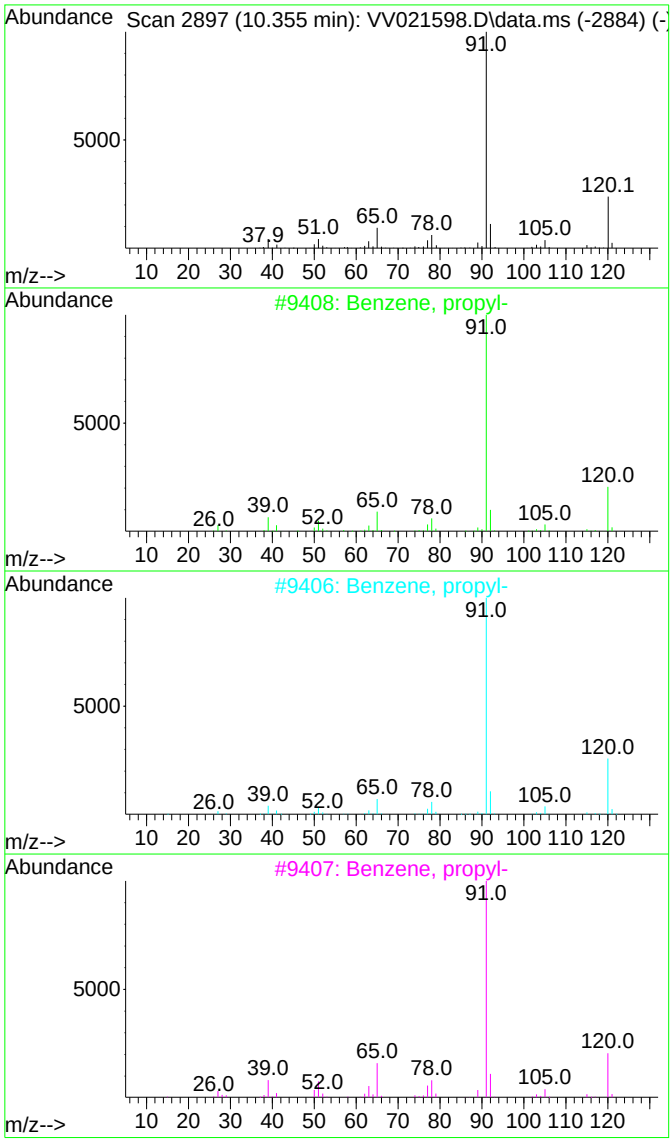
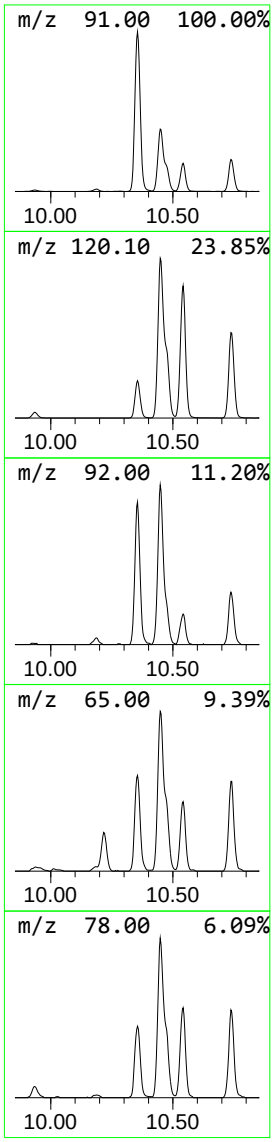
Peak Number 9 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.355	18.80 ug/L	517421	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	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





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Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

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

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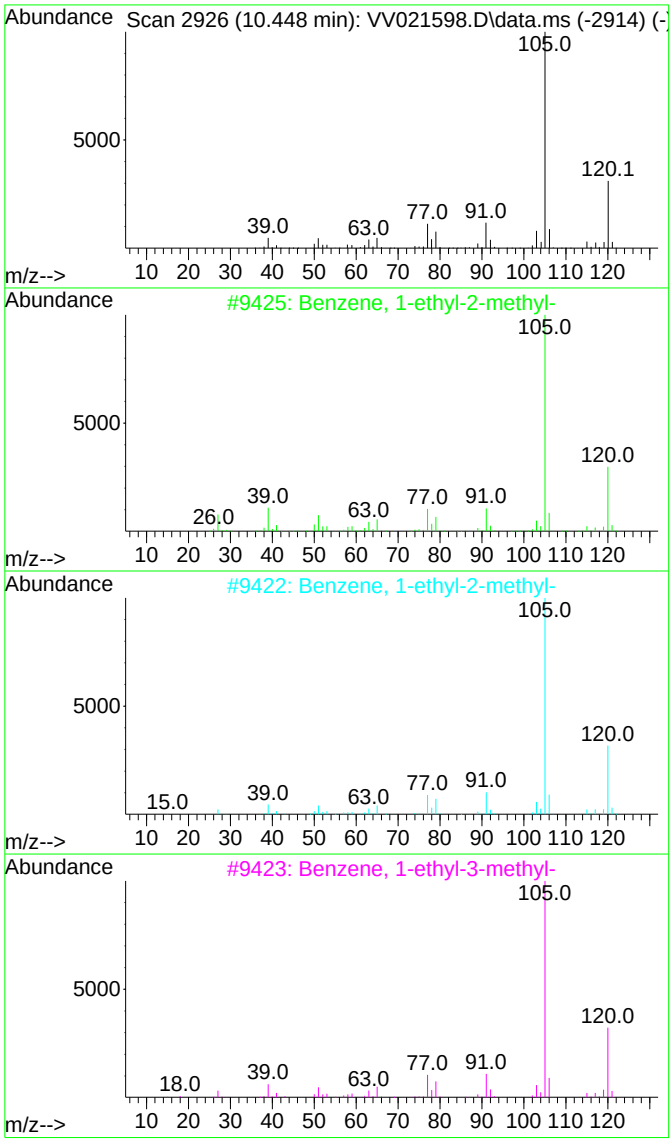
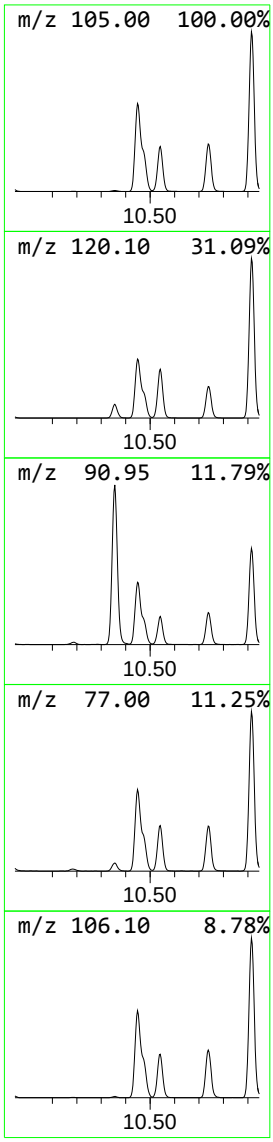
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	102.18 ug/L	2812140	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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK43

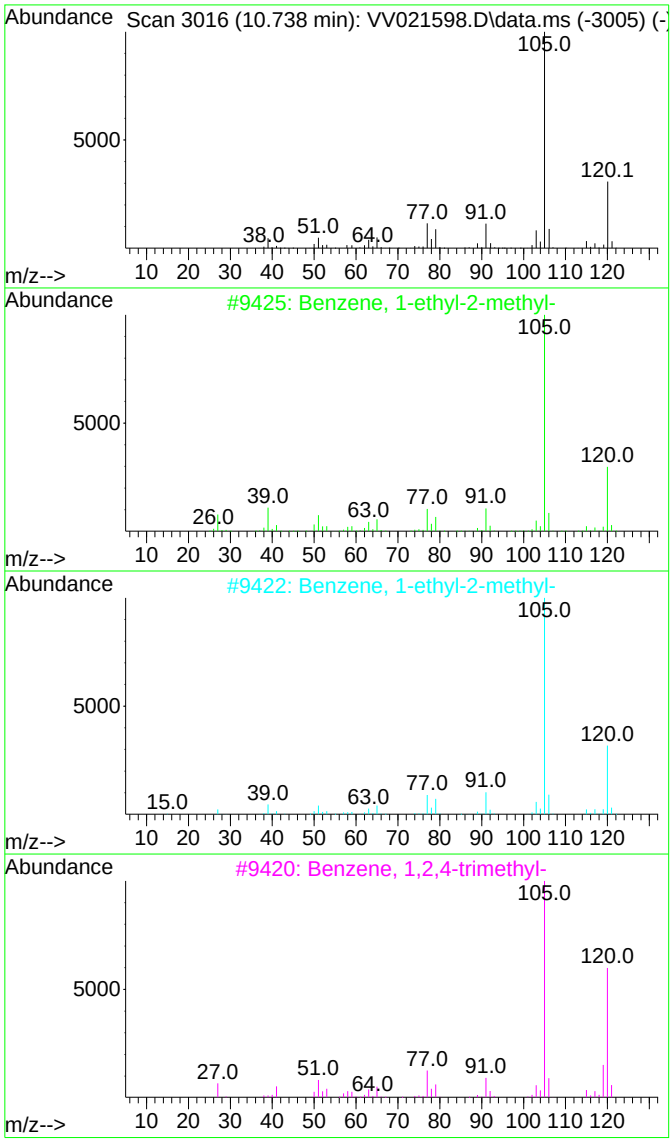
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

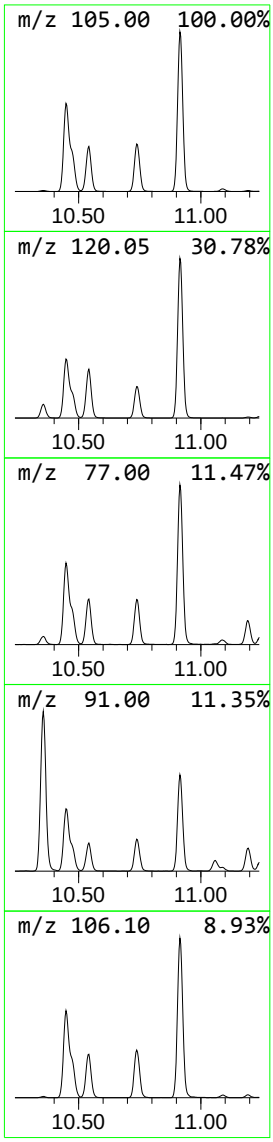
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	40.78 ug/L	1122230	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, 1,2,4-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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Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

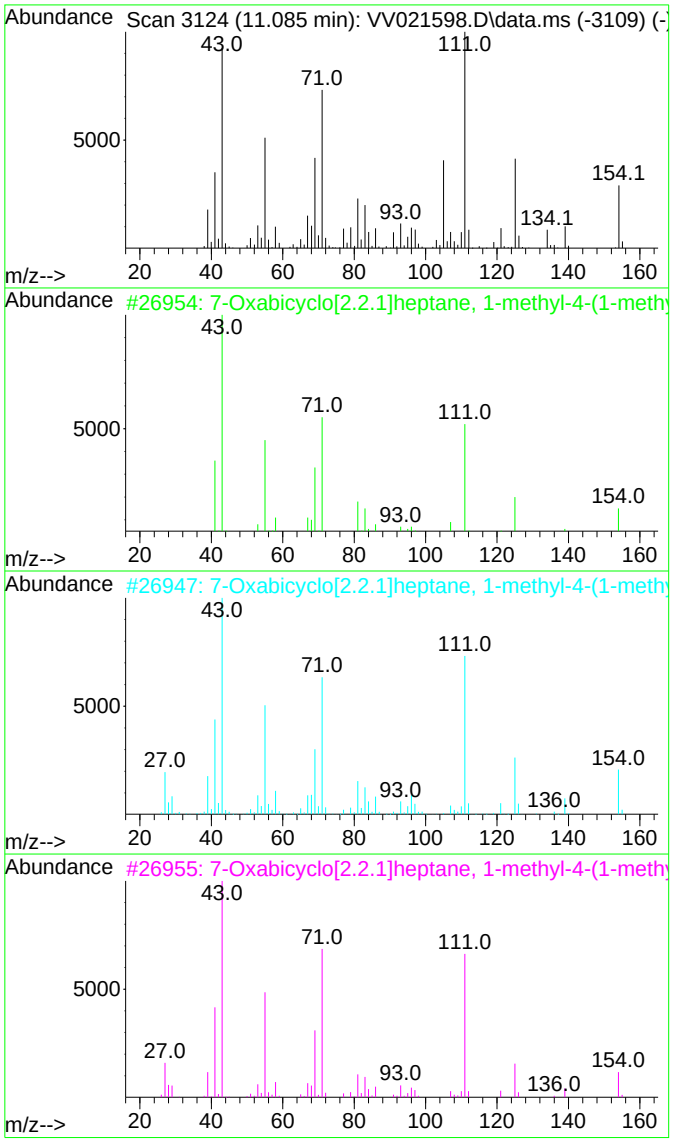
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

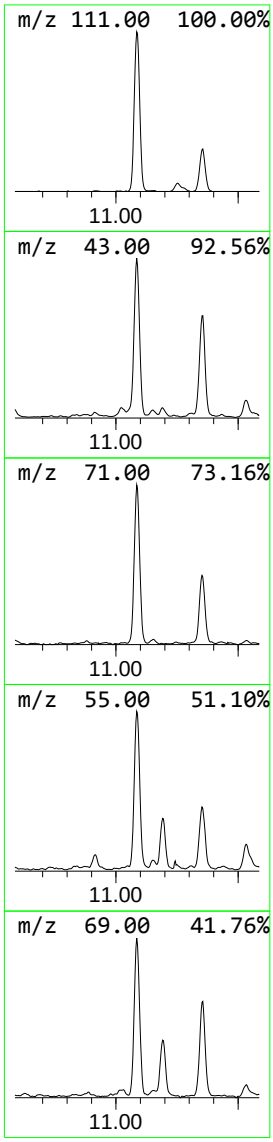
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.085	19.20 ug/L	528389	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	94
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	87
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	43
5	Octahydronaphthalen-4a-ol	154	C10H18O	055693-34-0	42





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Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

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

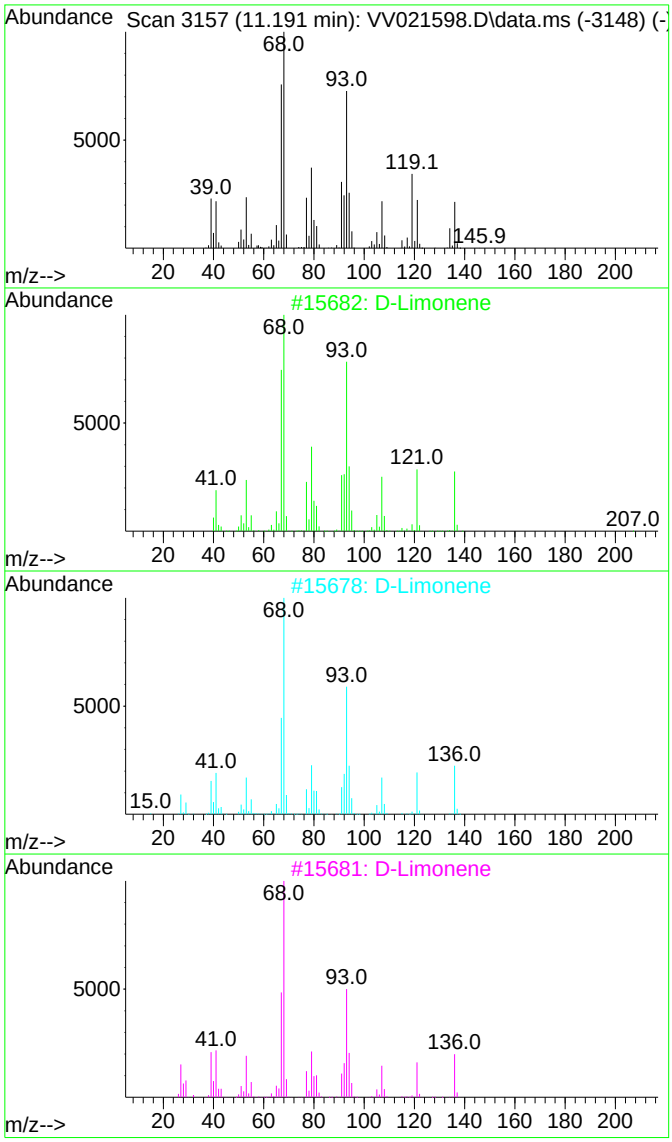
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

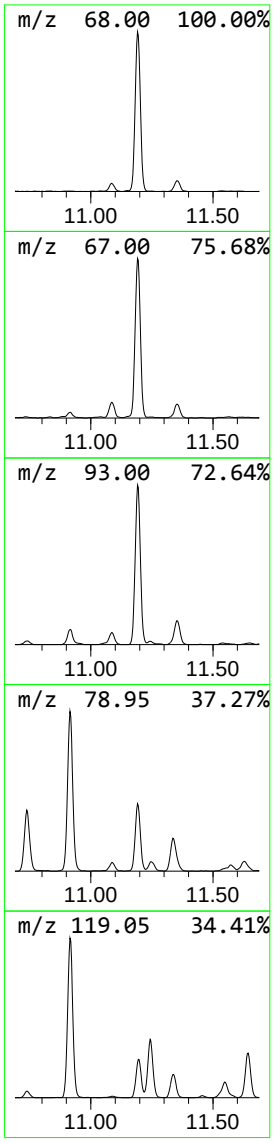
****

Peak Number 13 D-Limonene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.191	30.87 ug/L	849673	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	D-Limonene	136	C10H16	005989-27-5	94
4	D-Limonene	136	C10H16	005989-27-5	94
5	Limonene	136	C10H16	000138-86-3	89





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Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

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

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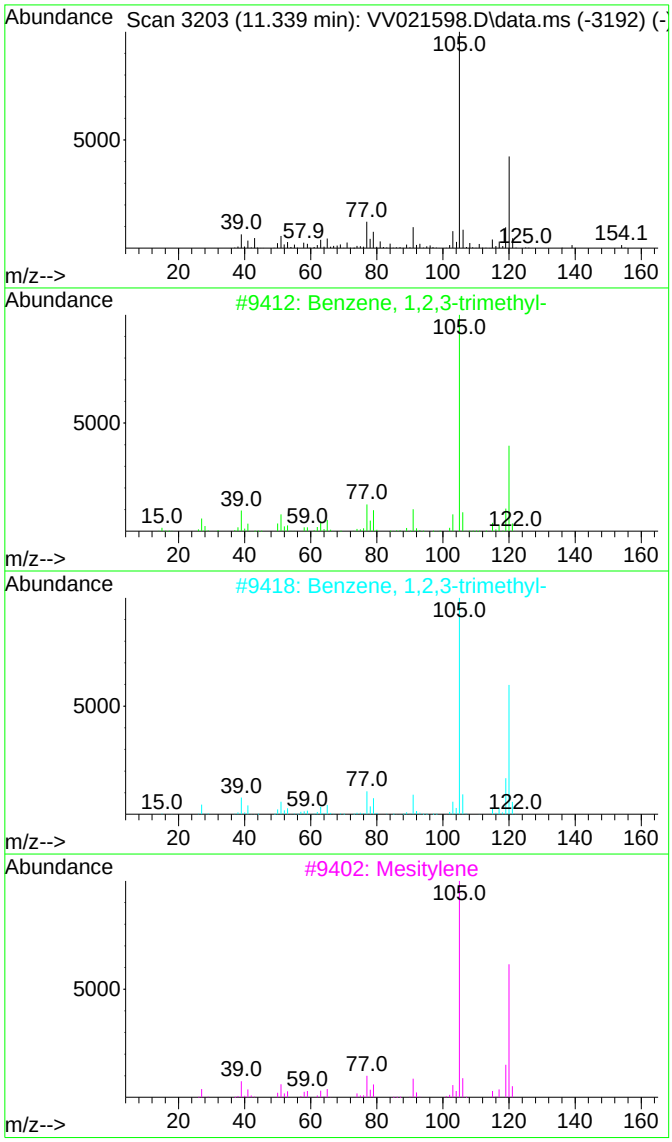
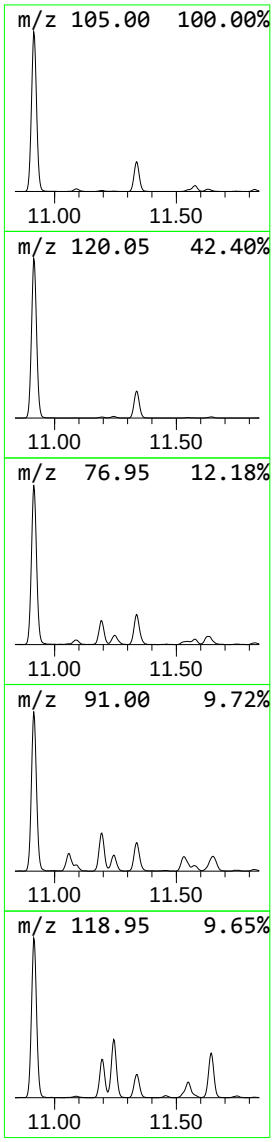
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	39.48 ug/L	1086710	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	Mesitylene	120	C9H12	000108-67-8	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

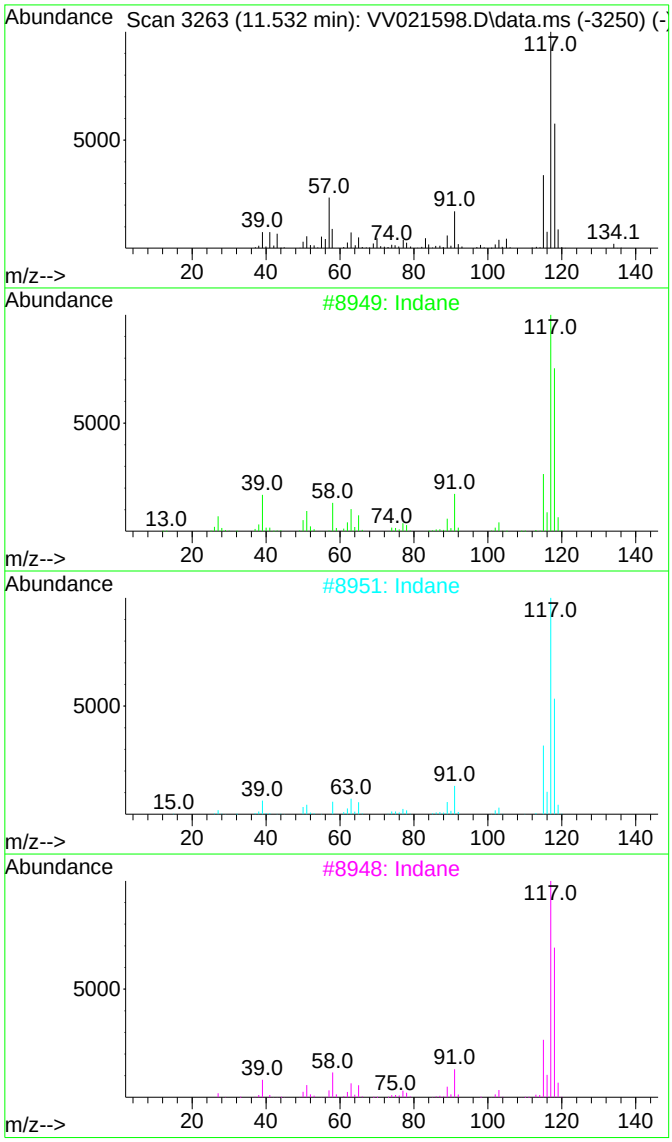
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

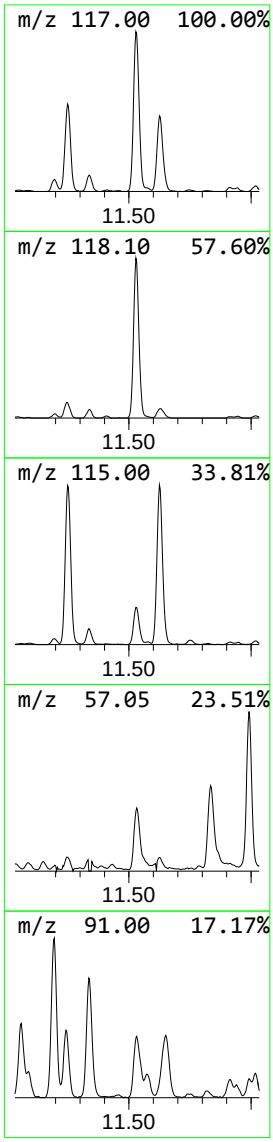
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.532	14.77 ug/L	406454	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





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Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

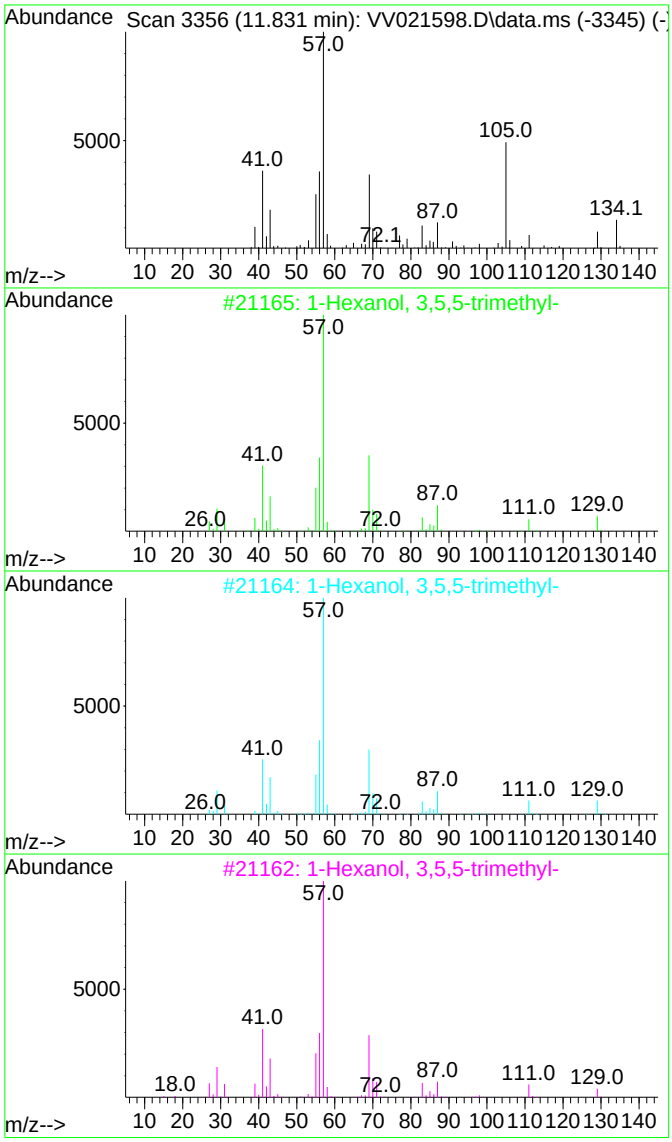
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

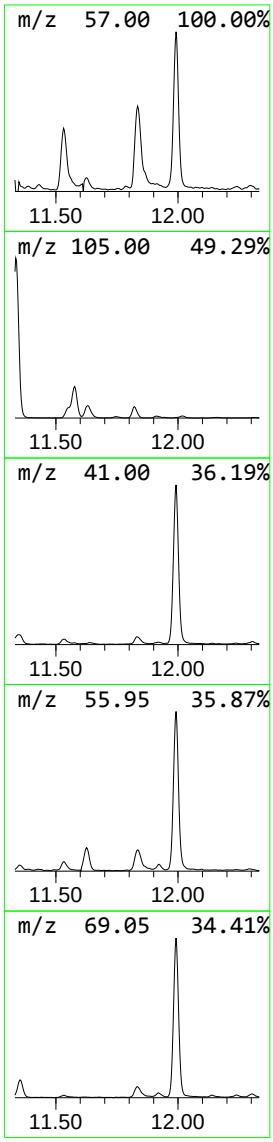
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-Hexanol, 3,5,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.831	5.73 ug/L	157747	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	58
2	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	58
3	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	53
4	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	50
5	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	38





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Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK43

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

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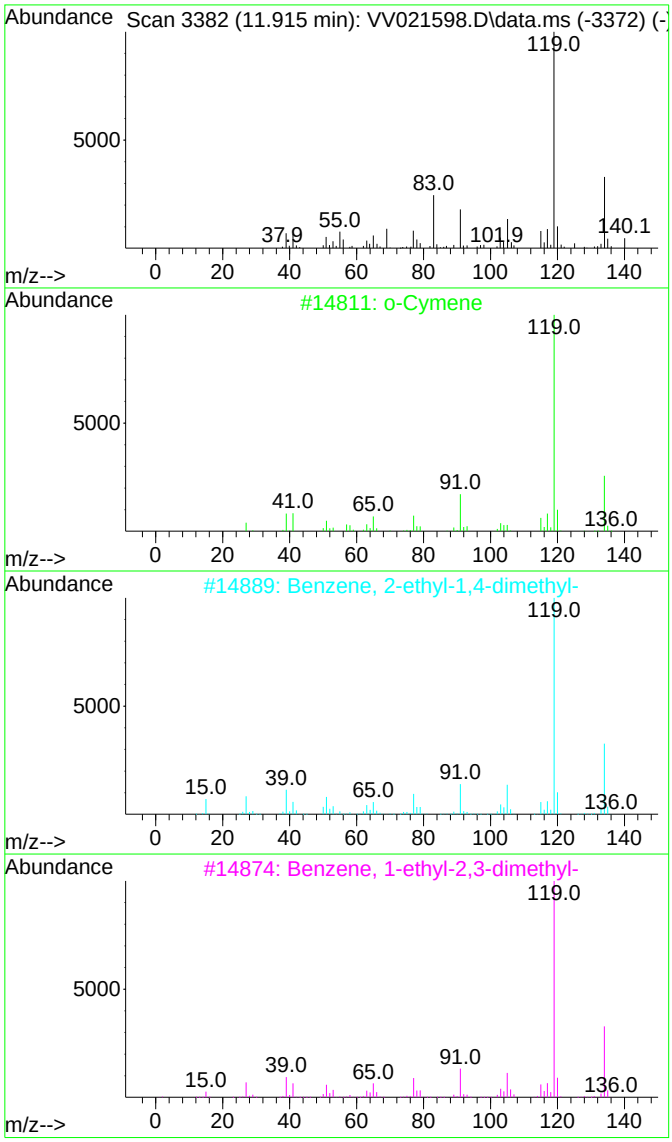
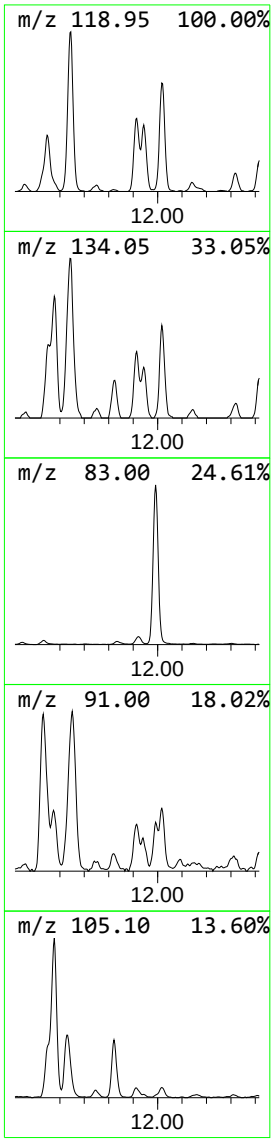
Peak Number 17 o-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.915	3.37 ug/L	92761	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





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Data File : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

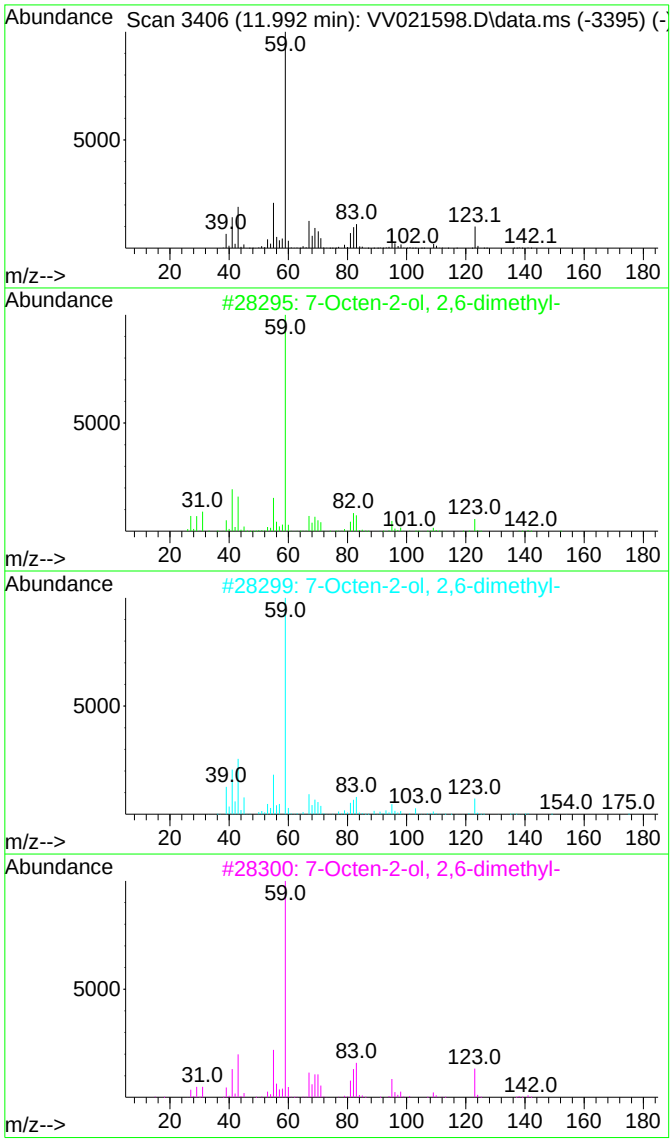
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

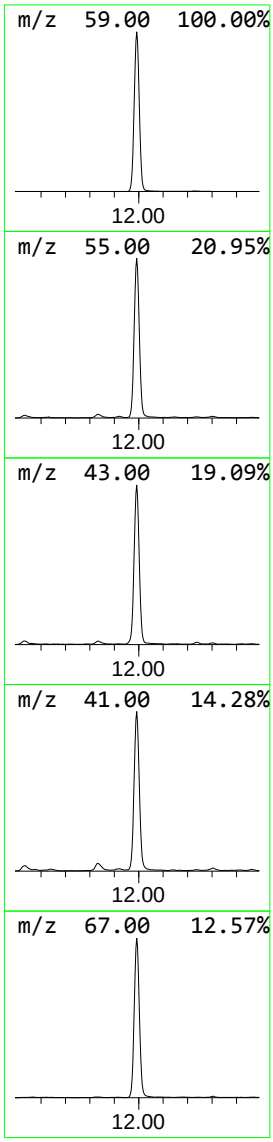
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	143.78 ug/L	3957240	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	80
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	72
3	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	58
4	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	56
5	1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK43

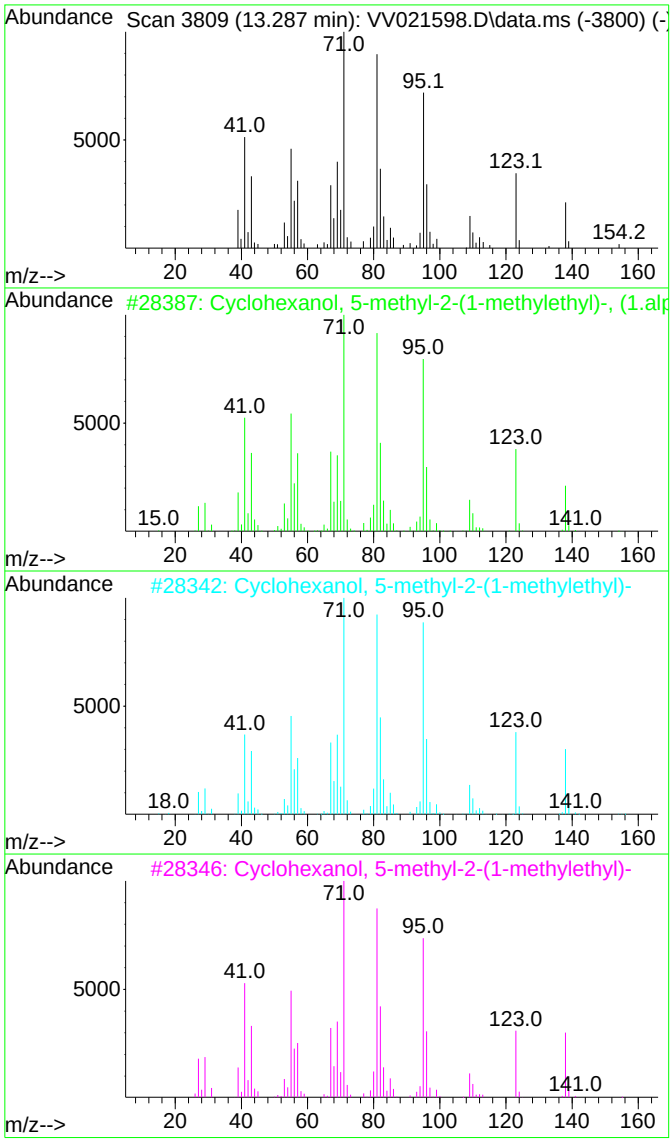
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

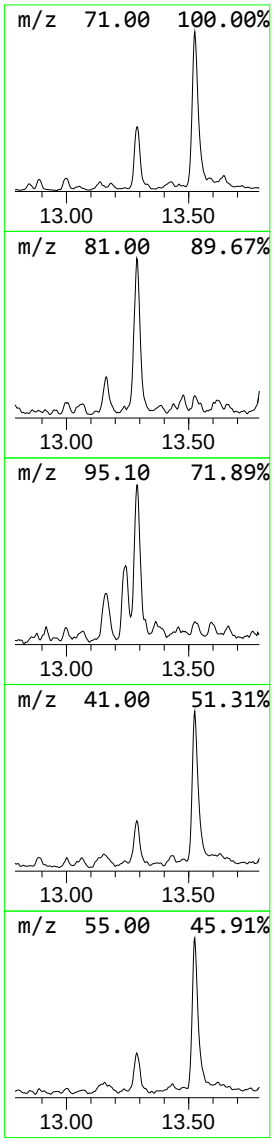
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	5.24 ug/L	144355	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
2	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91





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Data File : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

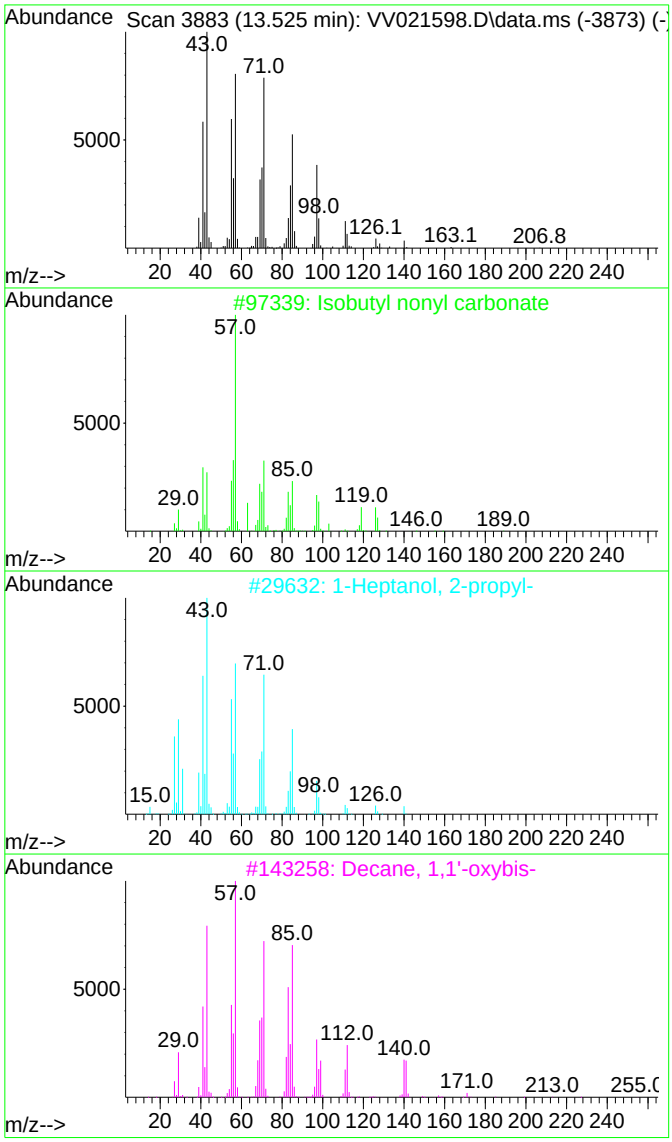
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

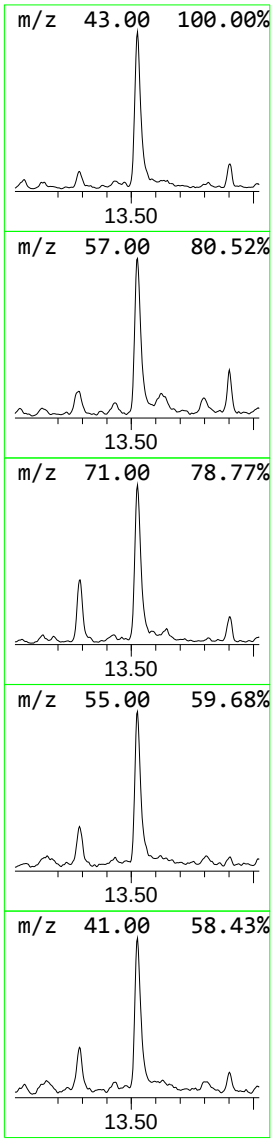
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Isobutyl nonyl carbonate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.525	12.39 ug/L	341076	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	86
2	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	72
3	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	72
4	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

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

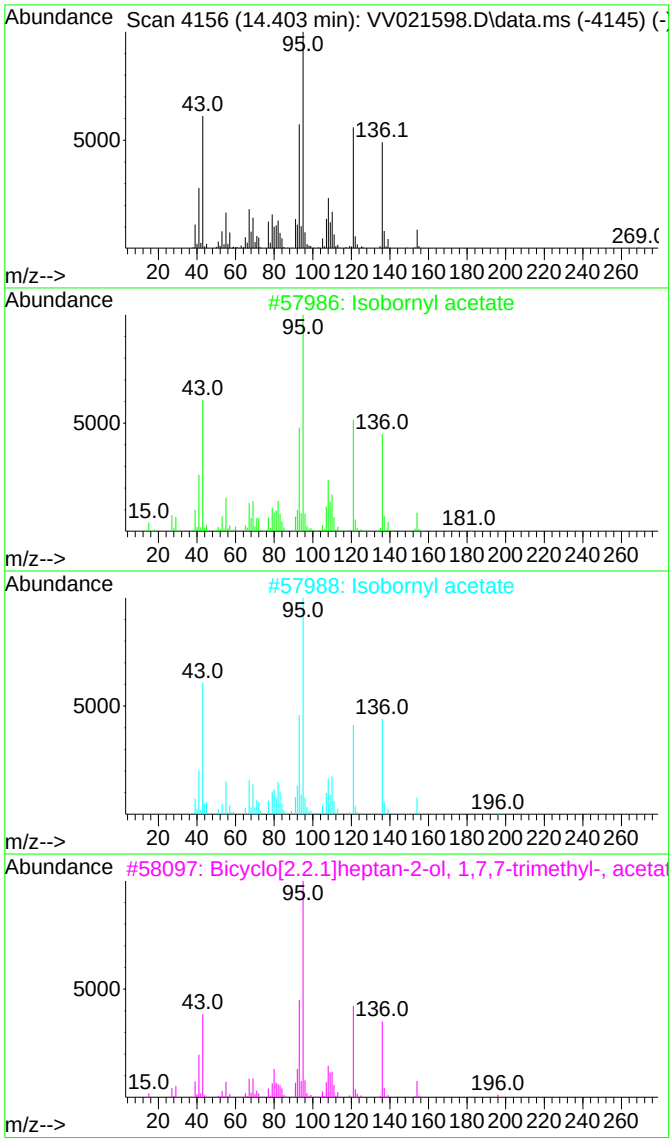
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

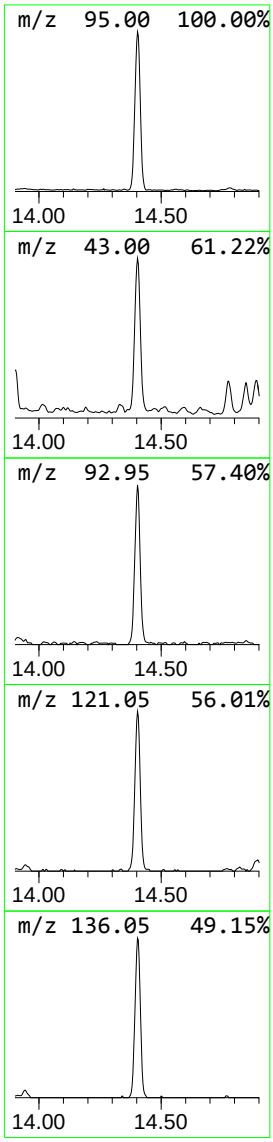
****

Peak Number 21 Isobornyl acetate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.403	10.15 ug/L	279254	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobornyl acetate	196	C12H20O2	000125-12-2	91
2	Isobornyl acetate	196	C12H20O2	000125-12-2	90
3	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	196	C12H20O2	005655-61-8	87
4	Bornyl acetate	196	C12H20O2	000076-49-3	86
5	Ethyl (1R,4S)-1,7,7-trimethylbic...	226	C13H22O3	1000373-77-2	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK43

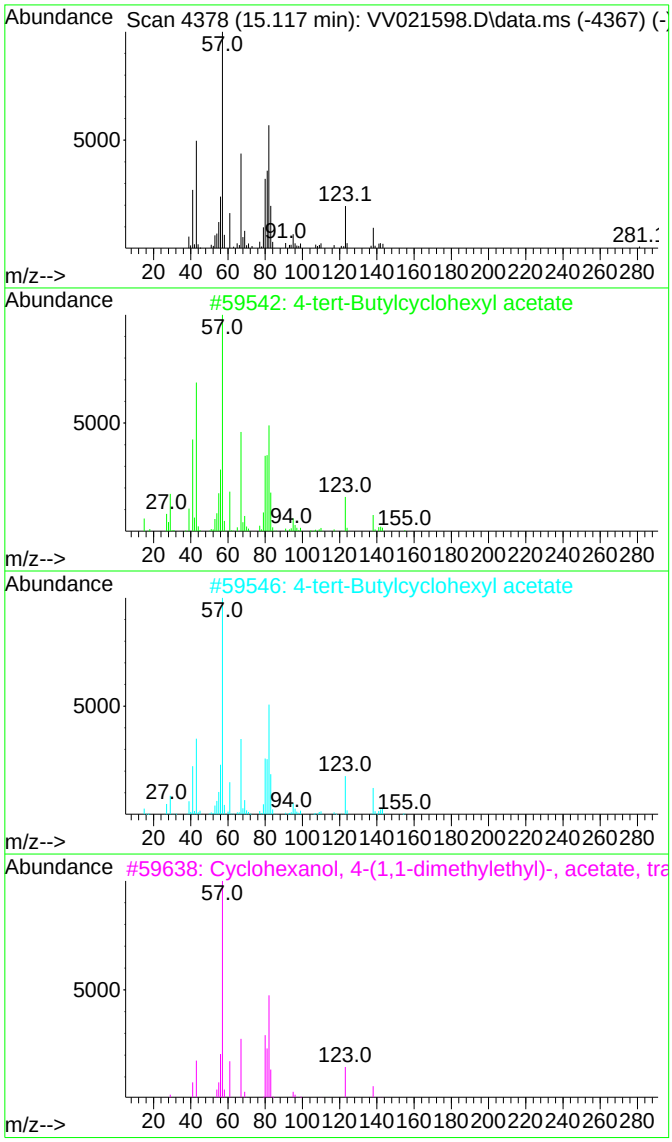
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

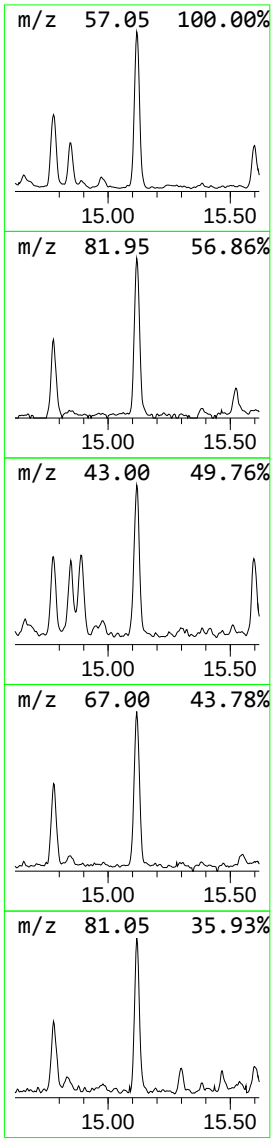
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 4-tert-Butylcyclohexyl acetate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.117	3.94 ug/L	108553	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	91
2	4-tert-Butylcyclohexyl acetate	198	C12H22O2	032210-23-4	91
3	Cyclohexanol, 4-(1,1-dimethyleth...	198	C12H22O2	001900-69-2	80
4	Cyclohexanol, 4-(1,1-dimethyleth...	198	C12H22O2	010411-92-4	59
5	Cyclohexanol, 2-(1,1-dimethyleth...	156	C10H20O	013491-79-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

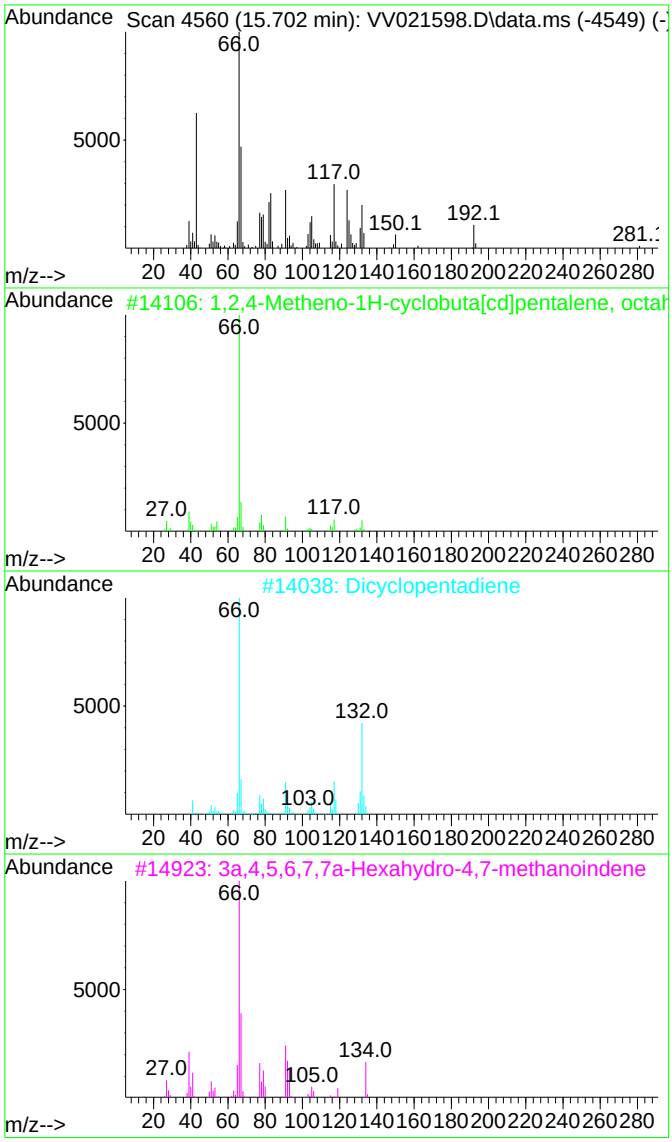
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

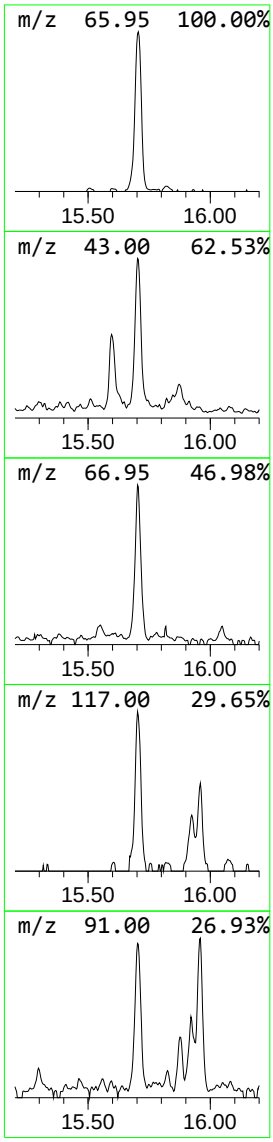
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,2,4-Metheno-1H-cyclobuta[... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.702	3.87 ug/L	106463	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-86-4	74
2	Dicyclopentadiene	132	C10H12	000077-73-6	72
3	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	59
4	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	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 : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

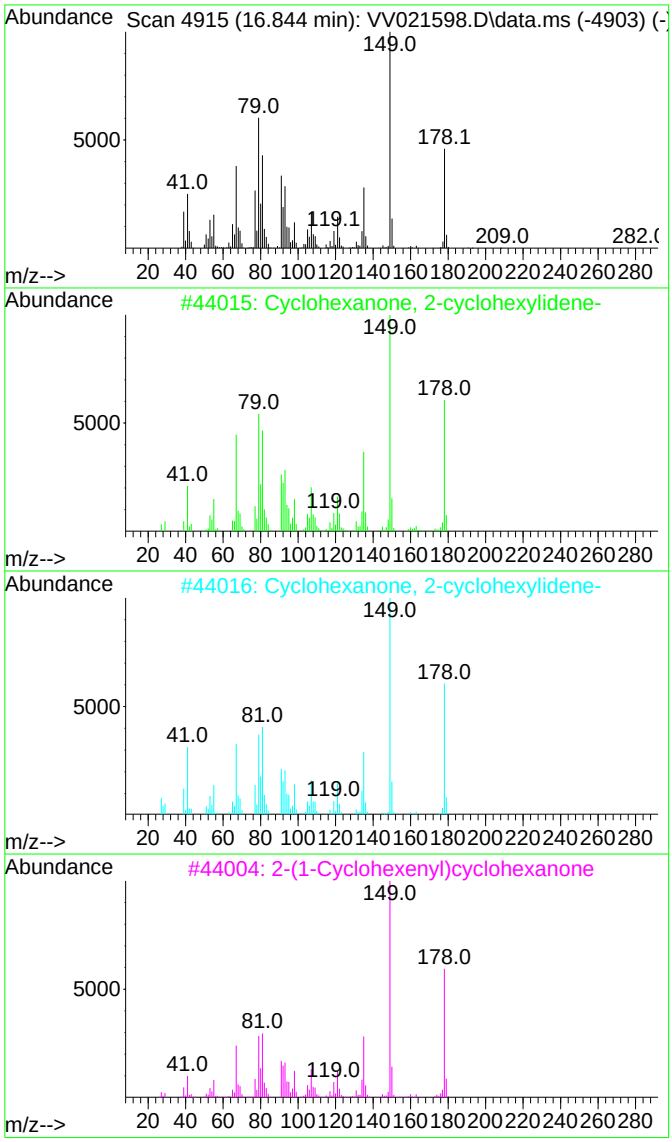
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

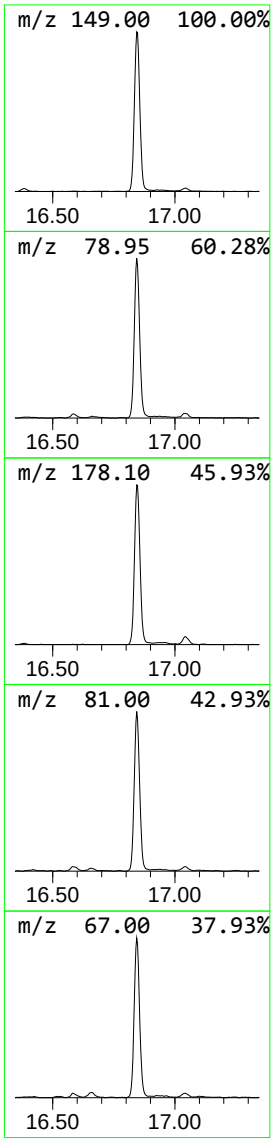
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Cyclohexanone, 2-cyclohexyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.844	51.71 ug/L	1423130	1,4-Dichlorobenzene-d4	11.252

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	94
3	2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	93
4	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	91
5	2-(1-Cyclohexenyl)cyclohexanone	178	C12H18O	001502-22-3	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021598.D
Acq On : 02 Jul 2021 15:16
Operator : SY/MD
Sample : M2914-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK43

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	1.381	3.4	ug/L	69108	1	5.619	1007600	50.0
Isopropyl Alcohol	2.362	21.3	ug/L	428906	1	5.619	1007600	50.0
1-Propanol, 2-m...	5.124	18.3	ug/L	368014	1	5.619	1007600	50.0
1-Methoxy-2-pro...	9.275	3.1	ug/L	74431	2	8.854	1194440	50.0
2-Heptanone	9.702	25.4	ug/L	607588	2	8.854	1194440	50.0
Cyclohexanol	9.809	22.6	ug/L	540009	2	8.854	1194440	50.0
Cyclohexanone	10.018	13.1	ug/L	312369	2	8.854	1194440	50.0
Benzene, propyl-	10.355	18.8	ug/L	517421	3	11.252	1376120	50.0
Benzene, 1-ethy...	10.448	102.2	ug/L	2812140	3	11.252	1376120	50.0
Benzene, 1-ethy...	10.738	40.8	ug/L	1122230	3	11.252	1376120	50.0
7-Oxabicyclo[2....	11.085	19.2	ug/L	528389	3	11.252	1376120	50.0
D-Limonene	11.191	30.9	ug/L	849673	3	11.252	1376120	50.0
Benzene, 1,2,3-...	11.339	39.5	ug/L	1086710	3	11.252	1376120	50.0
Indane	11.532	14.8	ug/L	406454	3	11.252	1376120	50.0
1-Hexanol, 3,5,...	11.831	5.7	ug/L	157747	3	11.252	1376120	50.0
o-Cymene	11.915	3.4	ug/L	92761	3	11.252	1376120	50.0
7-Octen-2-ol, 2...	11.992	143.8	ug/L	3957240	3	11.252	1376120	50.0
Cyclohexanol, 5...	13.288	5.2	ug/L	144355	3	11.252	1376120	50.0
Isobutyl nonyl ...	13.525	12.4	ug/L	341076	3	11.252	1376120	50.0
Isobornyl acetate	14.403	10.2	ug/L	279254	3	11.252	1376120	50.0
4-tert-Butylcyc...	15.117	3.9	ug/L	108553	3	11.252	1376120	50.0
1,2,4-Metheno-1...	15.702	3.9	ug/L	106463	3	11.252	1376120	50.0
Cyclohexanone, ...	16.844	51.7	ug/L	1423130	3	11.252	1376120	50.0