LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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: VV021595.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	72	82	94	rVB3	200160	248410	0.78%	0.099%
2	1.378	94	105	143	rBV2	99417	291698	0.91%	0.117%
3	1.561	155	162	176	rVB2	145042	207214	0.65%	0.083%
4	2.098	316	329	343	rVV2	405268	893014	2.79%	0.358%
5	2.629	469	494	520	rVV2	56693	183305	0.57%	0.073%
6	2.950	579	594	631	rBV	546540	1123771	3.52%	0.450%
7	3.191	656	669	686	rBV2	80605	171324	0.54%	0.069%
8	3.690	808	824	871	rBV	3434836	8306295	25.98%	3.325%
9	3.876	871	882	919	rVB	152715	447169	1.40%	0.179%
10	4.349	1013	1029	1055	rBV2	258879	649927	2.03%	0.260%
11	5.047	1229	1246	1255	rBV2	598962	1495599	4.68%	0.599%
12	5.101	1256	1263	1287	rVB	568745	1212494	3.79%	0.485%
13	5.522	1380	1394	1411	rBV	89155	194956	0.61%	0.078%
14	5.619	1411	1424	1463	rVB	517721	1049455	3.28%	0.420%
15	6.072	1552	1565	1578	rBV	324705	654018	2.05%	0.262%
16	6.989	1833	1850	1869	rBV	202647	367653	1.15%	0.147%
17	7.227	1914	1924	1935	rBV	247748	432485	1.35%	0.173%
18	7.317	1942	1952	1961	rBV	701213	1177056	3.68%	0.471%
19	7.365	1961	1967	1973	rBV	140289	219081	0.69%	0.088%
20	7.622	2038	2047	2064	rBV	138643	238232	0.75%	0.095%
21	8.082	2176	2190	2210	rBV	5106526	8634156	27.01%	3.457%
22	8.339	2261	2270	2281	rVB	110742	169788	0.53%	0.068%
23	8.850	2407	2429	2450	rVV4	1456409	3827468	11.97%	1.532%
24	9.014	2469	2480	2489	rVV	929275	1482789	4.64%	0.594%
25	9.063	2489	2495	2504	rVV	225906	351857	1.10%	0.141%
26	9.140	2504	2519	2534	rVV2	3094036	6129304	19.17%	2.454%
27	9.243	2544	2551	2565	rVV	153369	272545	0.85%	0.109%
28	9.326	2565	2577	2586	rVV3	255343	449754	1.41%	0.180%
29	9.381	2586	2594	2614	rVB	489569	834531	2.61%	0.334%
30	9.596	2653	2661	2676	rVB	167183	267761	0.84%	0.107%
31	9.934	2754	2766	2782	rBV	450466	720548	2.25%	0.288%
32	10.082	2801	2812	2823	rBV4	121269	240936	0.75%	0.096%
33	10.172	2823	2840	2849	rVV	3285025	5483974	17.15%	2.195%
34	10.217	2849	2854	2866	rVB	588991	874003	2.73%	0.350%
35	10.355	2882	2897	2907	rBV	827133	1346172	4.21%	0.539%
36	10.448	2908	2926	2943	rVV2	2652372	6054674	18.94%	2.424%

LSC Area Percent Report

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Operator : SY/MD
Sample : M2914-04
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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

37	10.542	2944	2955	2969	rVV2	2249233	4246562	13.28%	1.700%
38	10.606	2970	2975	2985	rVB	124087	182963	0.57%	0.073%
39	10.696	2985	3003	3010	rBV2	955444	1779610	5.57%	0.712%
40	10.738	3010	3016	3037	rVB	1015862	1701017	5.32%	0.681%
41	10.915	3061	3071	3086	rVB	4549130	6744346	21.10%	2.700%
42	11.021	3087	3104	3112	rBV	640045	1175562	3.68%	0.471%
43	11.088	3117	3125	3134	rVB3	455819	736903	2.31%	0.295%
44	11.185	3144	3155	3163	rBV2	1098766	1980813	6.20%	0.793%
45	11.246	3164	3174	3184	rVB	7079741	10513680	32.89%	4.209%
46	11.313	3184	3195	3214	rVB	19011586	31967506	100.00%	12.798%
47	11.413	3215	3226	3227	rBV2	170115	241078	0.75%	0.097%
48	11.442	3228	3235	3244	rVB2	786627	1124470	3.52%	0.450%
49	11.500	3244	3253	3260	rBV	2373056	3688553	11.54%	1.477%
50	11.632	3284	3294	3306	rBV4	1199046	2531673	7.92%	1.014%
51	11.702	3306	3316	3325	rVB	1750212	2786142	8.72%	1.115%
52	11.751	3325	3331	3338	rVB3	229832	301939	0.94%	0.121%
53	11.818	3340	3352	3368	rVB2	1096225	2332519	7.30%	0.934%
54	11.927	3370	3386	3394	rBV	17306251	29685492	92.86%	11.884%
55	12.021	3407	3415	3431	rVB2	1137270	2123995	6.64%	0.850%
56	12.117	3432	3445	3457	rBV4	426248	1034142	3.23%	0.414%
57	12.181	3457	3465	3483	rVB2	935659	2296038	7.18%	0.919%
58	12.284	3483	3497	3506	rBV4	1335860	3335597	10.43%	1.335%
59	12.400	3519	3533	3543	rBV7	992107	2264972	7.09%	0.907%
60	12.464	3543	3553	3568	rVB2	5057937	8101938	25.34%	3.244%
61	12.558	3568	3582	3598	rBV2	4038876	7570856	23.68%	3.031%
62	12.625	3599	3603	3611	rVB4	204626	262701	0.82%	0.105%
63	12.686	3615	3622	3627	rBV2	340478	528277	1.65%	0.211%
64	12.779	3642	3651	3661	rBV	1465528	2361904	7.39%	0.946%
65	12.847	3661	3672	3680	rBV	5752127	8970190	28.06%	3.591%
66	12.940	3693	3701	3710	rBV2	755759	1212102	3.79%	0.485%
67	13.046	3725	3734	3744	rVB2	429937	742539	2.32%	0.297%
68	13.117	3745	3756	3765	rBV3	894105	1628096	5.09%	0.652%
69	13.188	3765	3778	3792	rVV2	2121130	4256828	13.32%	1.704%
70	13.275	3793	3805	3817	rVB3	1040985	1869686	5.85%	0.749%
71	13.419	3829	3850	3860	rBV	6676109	12637928	39.53%	5.060%
72	13.503	3869	3876	3895	rVB	1581703	2883986	9.02%	1.155%
73	13.593	3895	3904	3910	rBV	1080281	1758020	5.50%	0.704%
74	13.750	3945	3953	3962	rBV2	472104	735974	2.30%	0.295%
75	13.808	3962	3971	3987	rVV2	1447802	3094524	9.68%	1.239%
76	13.882	3987	3994	4010	rVB	624149	1043269	3.26%	0.418%

LSC Area Percent Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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	13.969	4012	4021	4030	rBV6	323204	583803	1.83%	0.234%
78	14.027	4030	4039	4048	rBV	2238928	3170951	9.92%	1.269%
79	14.197	4082	4092	4109	rBV	2220686	3372261	10.55%	1.350%
80	14.339	4128	4136	4143	rVB	226728	314317	0.98%	0.126%
81	14.561	4198	4205	4211	rBV6	209616	302320	0.95%	0.121%
82	14.606	4212	4219	4224	rBV	691713	1006217	3.15%	0.403%
83	14.786	4259	4275	4279	rBV7	482285	951465	2.98%	0.381%
84	14.821	4280	4286	4296	rVV2	961895	1760820	5.51%	0.705%
85	14.869	4296	4301	4321	rVB2	342236	613754	1.92%	0.246%
86	14.985	4324	4337	4352	rVB4	136834	384345	1.20%	0.154%
87	15.072	4354	4364	4372	rBV	609022	988035	3.09%	0.396%
88	15.168	4386	4394	4402	rBV	112962	196596	0.61%	0.079%
89	15.223	4406	4411	4425	rVB3	99989	196477	0.61%	0.079%
90	15.406	4462	4468	4483	rVB7	94862	170320	0.53%	0.068%
91	15.519	4496	4503	4512	rVB3	309669	458426	1.43%	0.184%
92	15.615	4527	4533	4544	rVB8	160415	274088	0.86%	0.110%
93	15.805	4583	4592	4602	rVV4	396207	720152	2.25%	0.288%
94	15.856	4602	4608	4619	rVB2	132600	236469	0.74%	0.095%
95	15.921	4621	4628	4646	rVB6	65803	200641	0.63%	0.080%
96	16.155	4696	4701	4717	rVB3	84591	181451	0.57%	0.073%
97	16.236	4718	4726	4751	rVB	162369	330696	1.03%	0.132%
98	16.435	4778	4788	4809	rVB	1127534	1730958	5.41%	0.693%
99	16.657	4852	4857	4874	rVB	107654	176225	0.55%	0.071%
100	17.098	4984	4994	5012	rBV	180621	326960	1.02%	0.131%

Sum of corrected areas: 249785553

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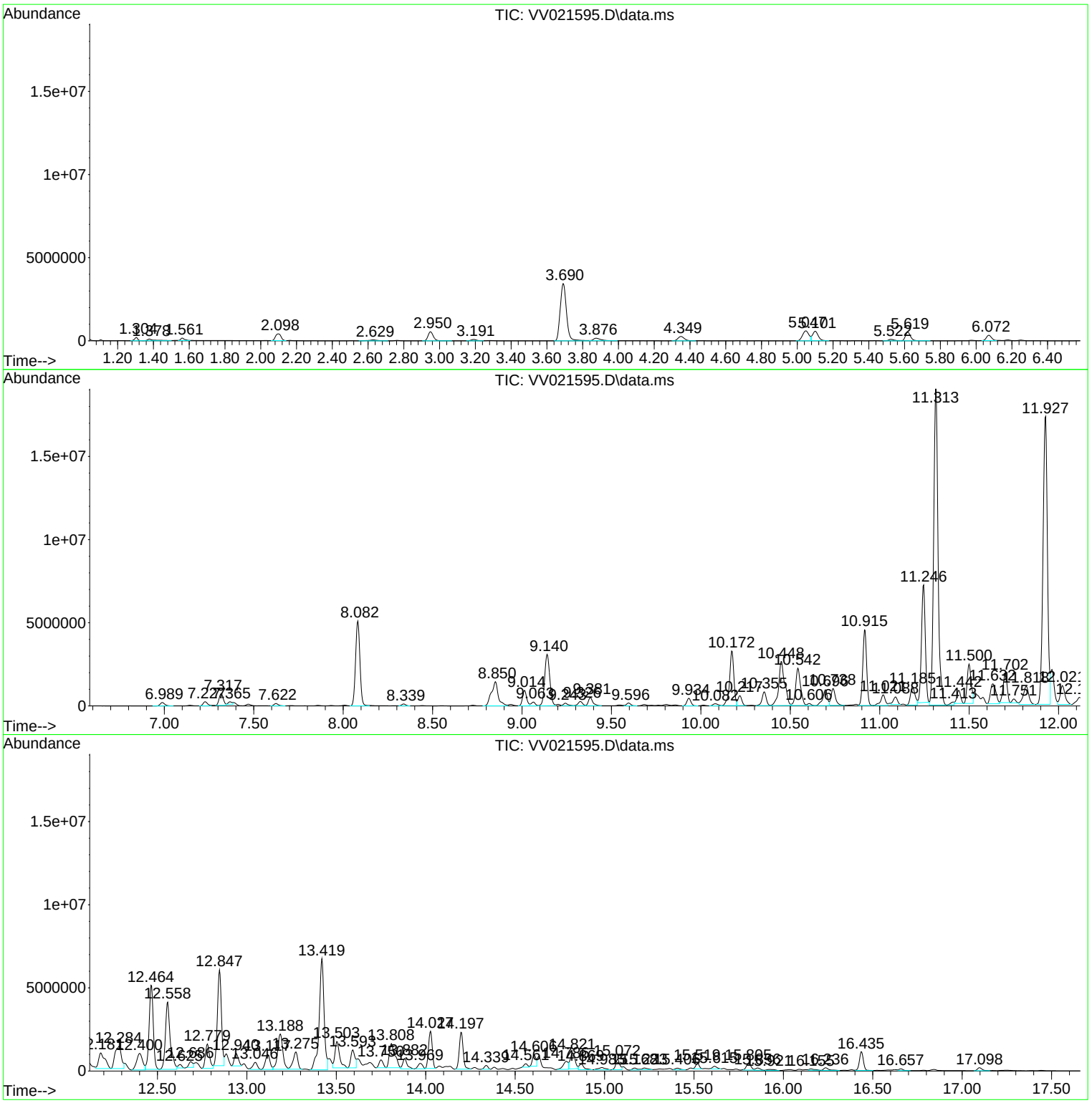
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK31

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 : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

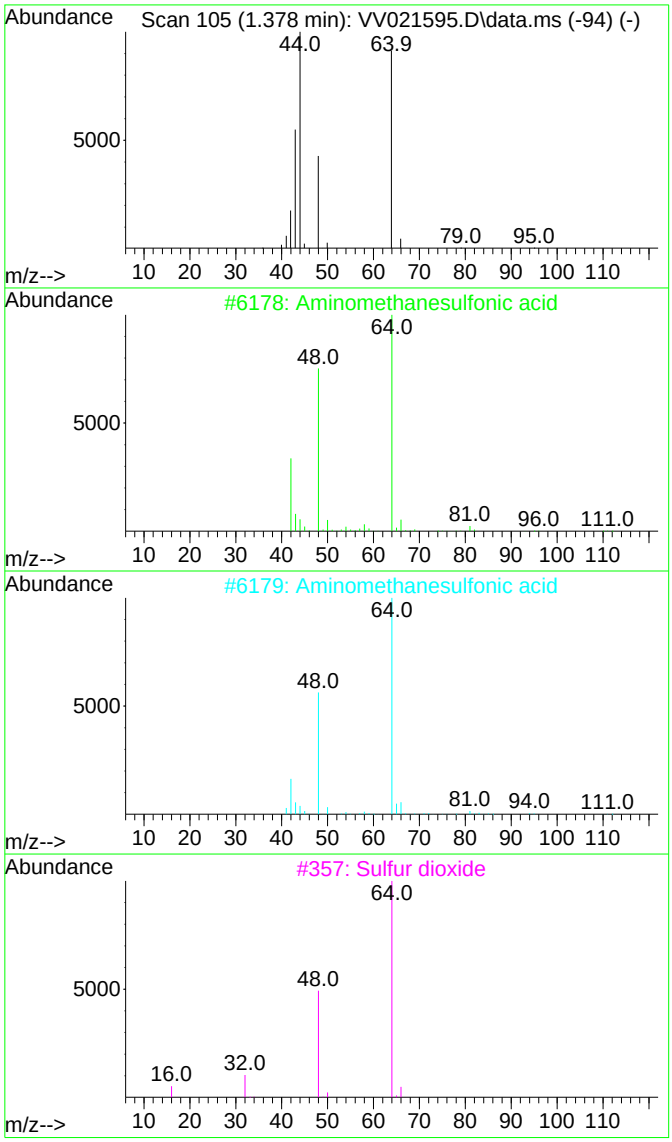
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

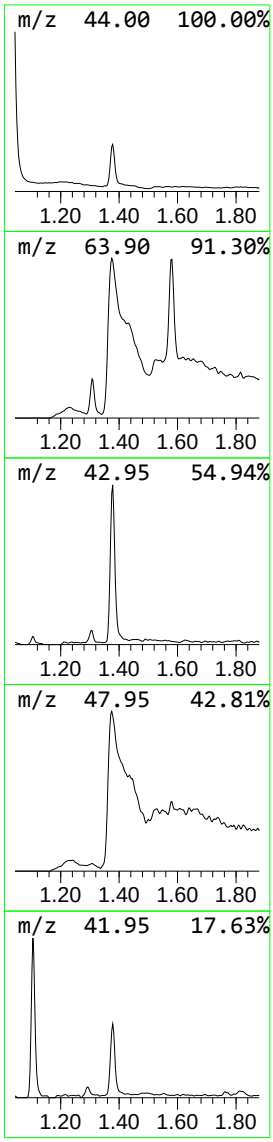
****

Peak Number 1 Aminomethanesulfonic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.378	13.90 ug/L	291698	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	Sulfur dioxide	64	O2S	007446-09-5	64
4	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	50
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
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Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

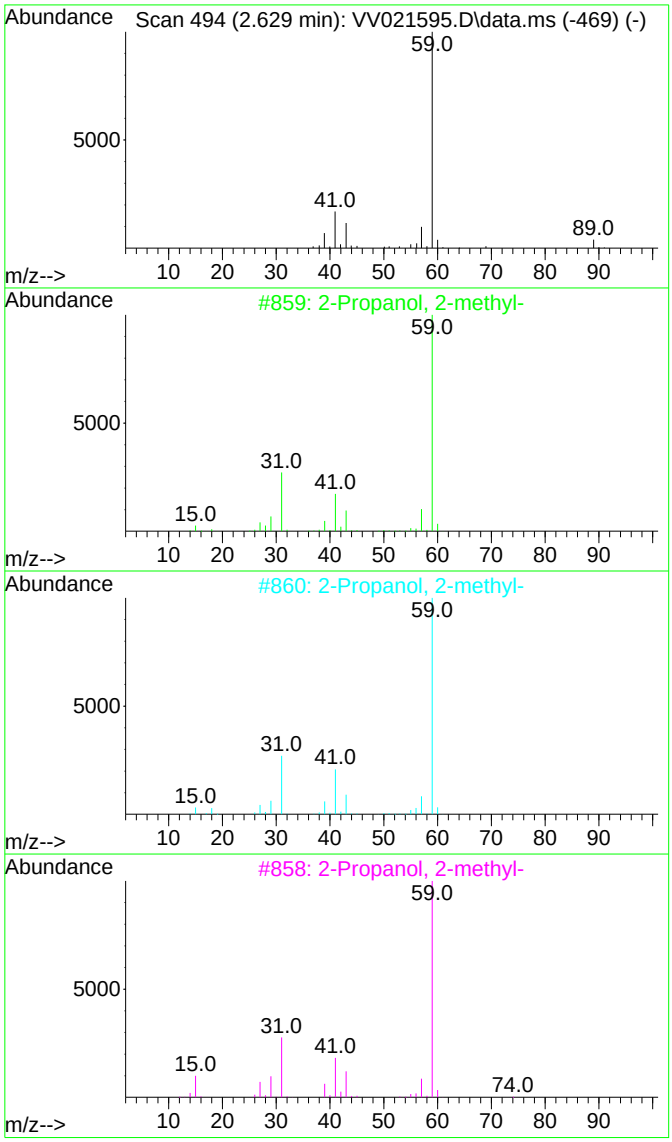
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

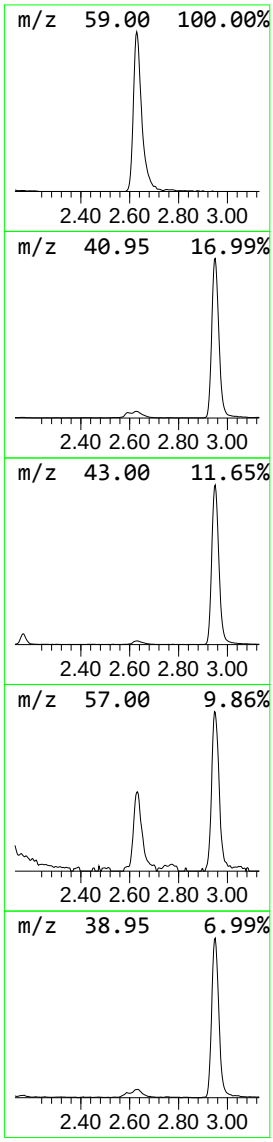
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Propanol, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.629	8.73 ug/L	183305	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	72
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
4	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	38
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17





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ClientSampleId : DBK31

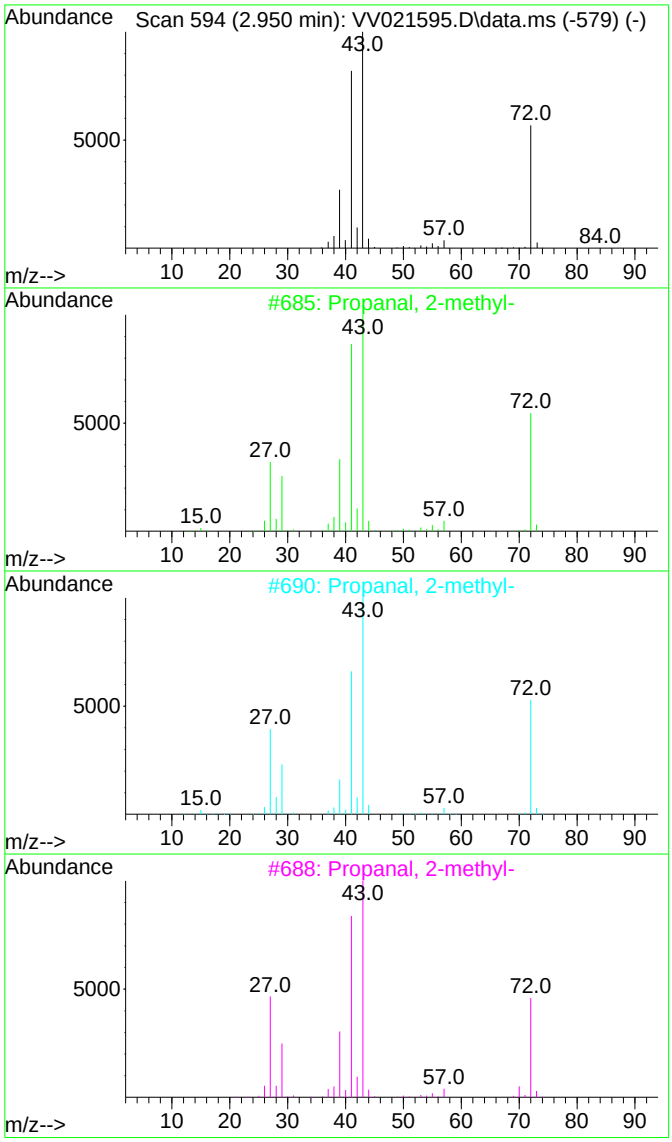
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

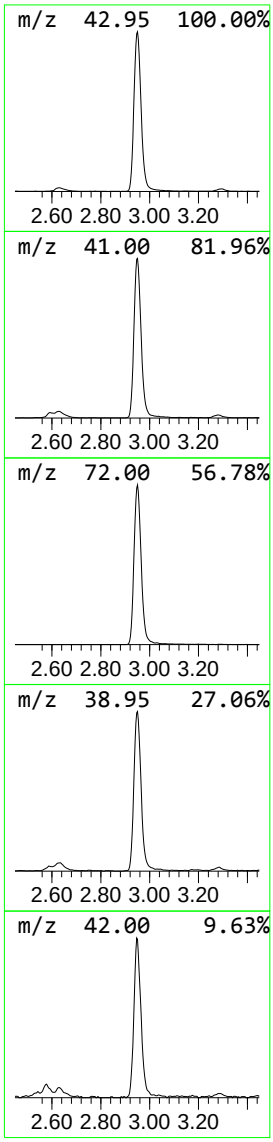
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanal, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.950	53.54 ug/L	1123770	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	90
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	86
4	Isobutylene epoxide	72	C4H8O	000558-30-5	64
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	58





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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

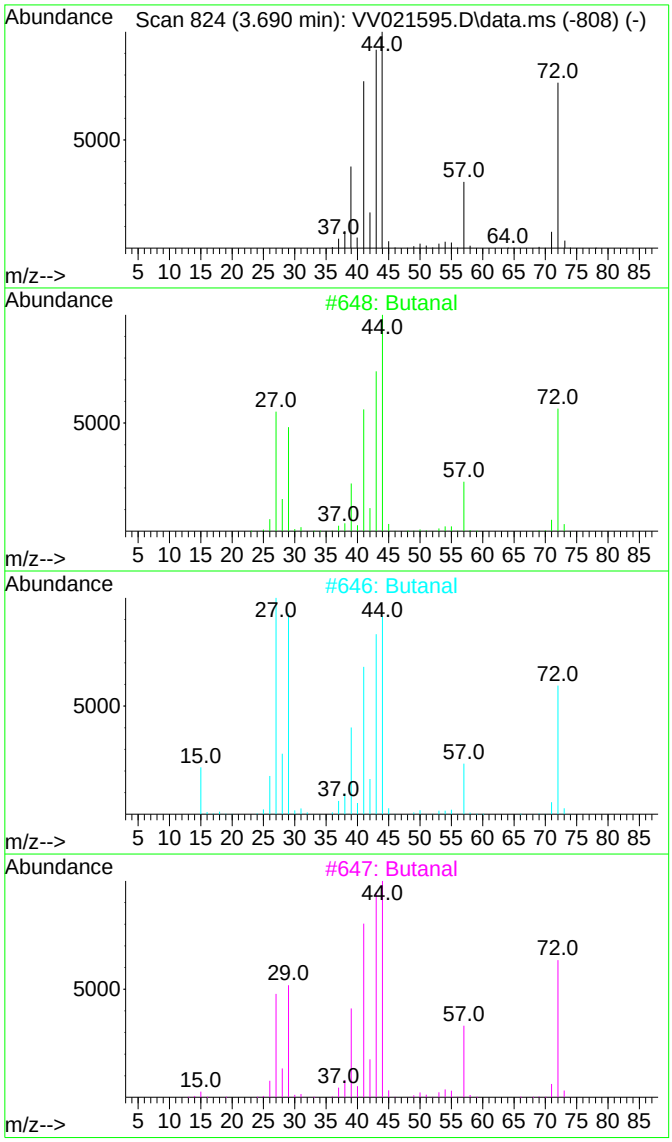
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

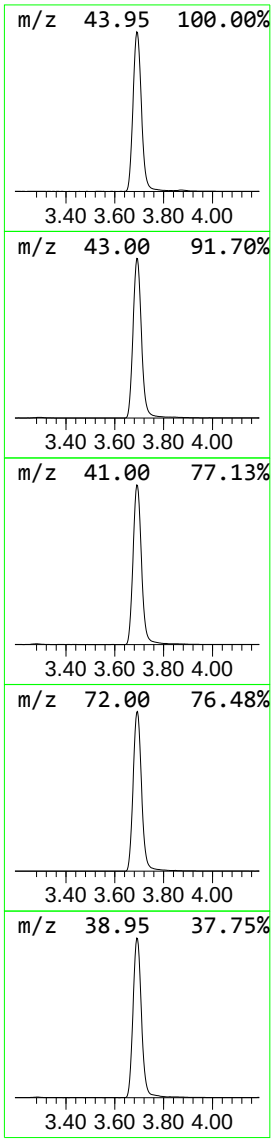
****

Peak Number 4 Butanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.690	395.74 ug/L	8306300	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	90
4	Butanal	72	C4H8O	000123-72-8	90
5	Ethene, ethoxy-	72	C4H8O	000109-92-2	72





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK31

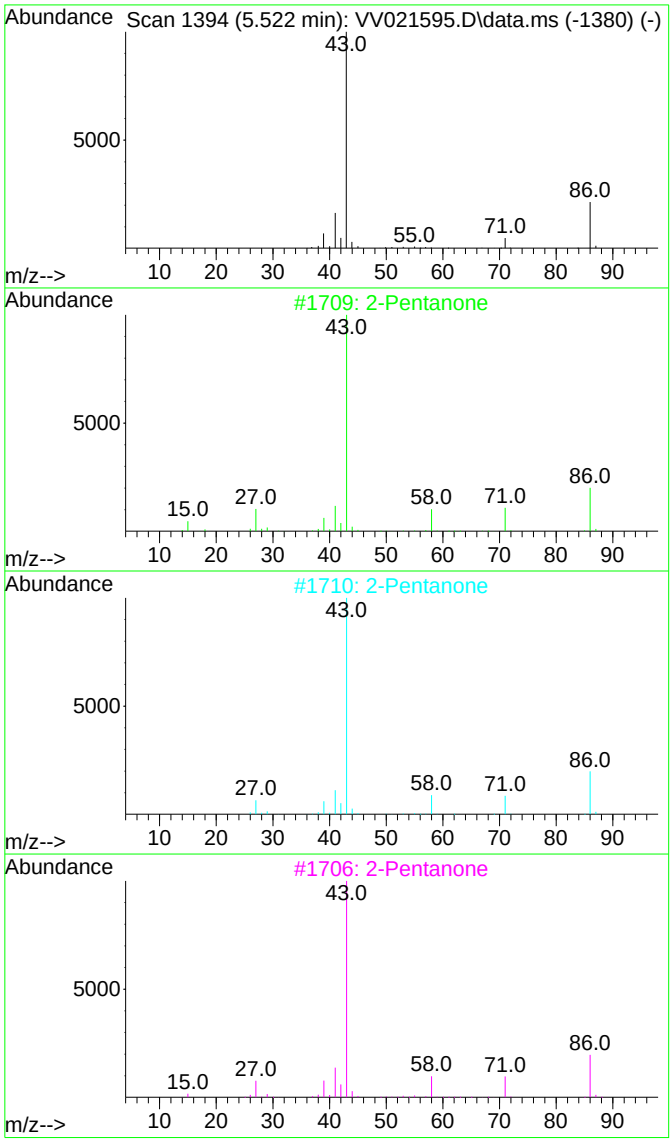
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

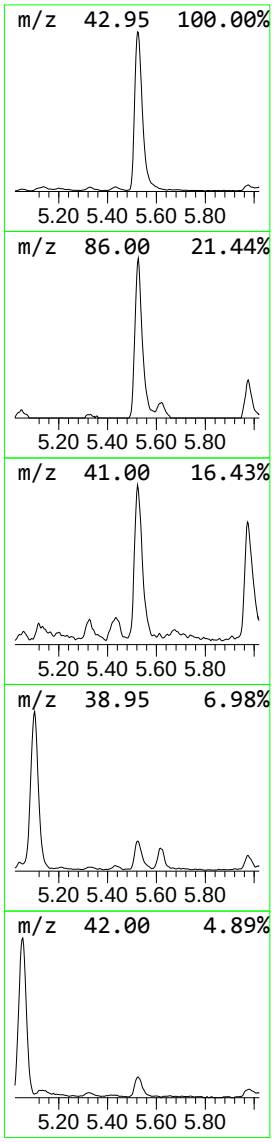
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.522	9.29 ug/L	194956	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	80
2	2-Pentanone	86	C5H10O	000107-87-9	72
3	2-Pentanone	86	C5H10O	000107-87-9	72
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	50





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

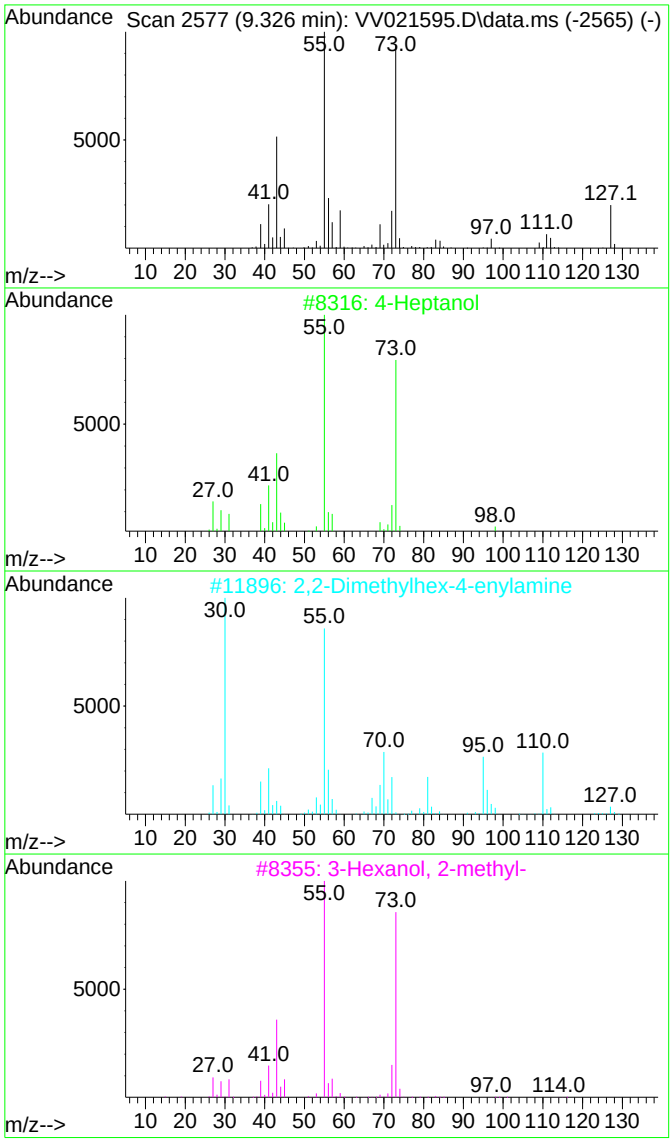
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

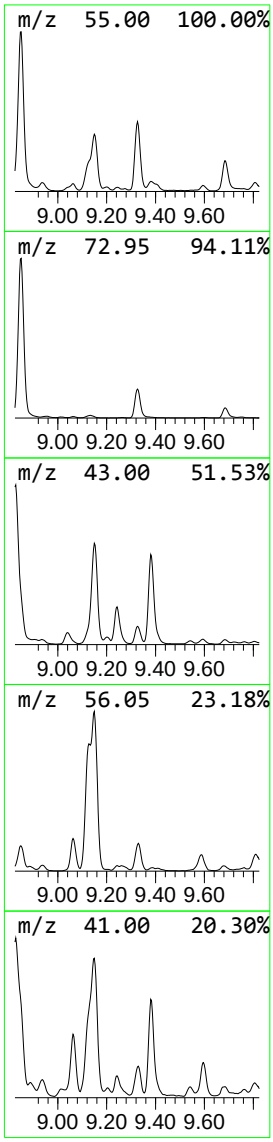
****

Peak Number 8 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.326	5.88 ug/L	449754	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanol	116	C7H16O	000589-55-9	43
2	2,2-Dimethylhex-4-enylamine	127	C8H17N	133885-74-2	38
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	35
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	35
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	35





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Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK31

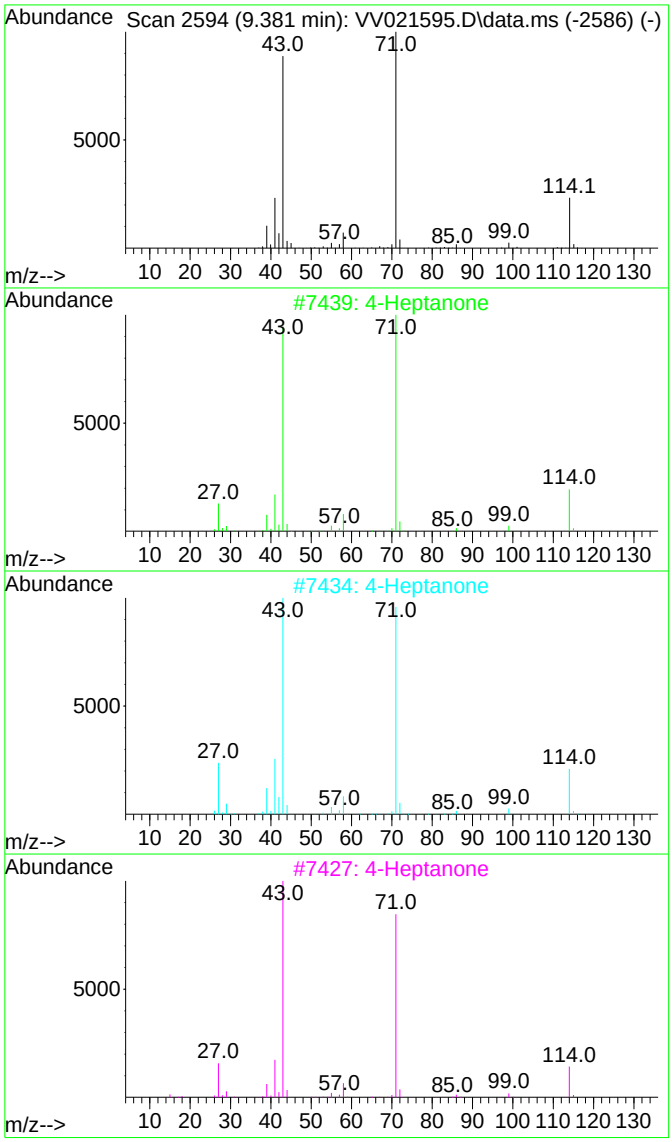
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

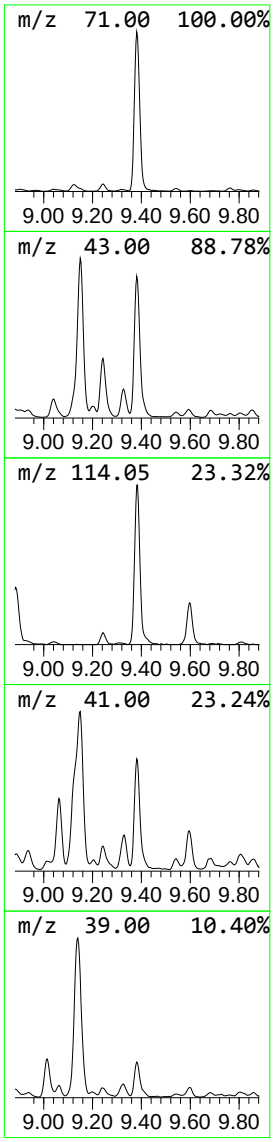
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4-Heptanone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	10.90 ug/L	834531	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone	114	C7H14O	000123-19-3	91
2	4-Heptanone	114	C7H14O	000123-19-3	90
3	4-Heptanone	114	C7H14O	000123-19-3	83
4	4-Heptanone	114	C7H14O	000123-19-3	78
5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	78





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Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

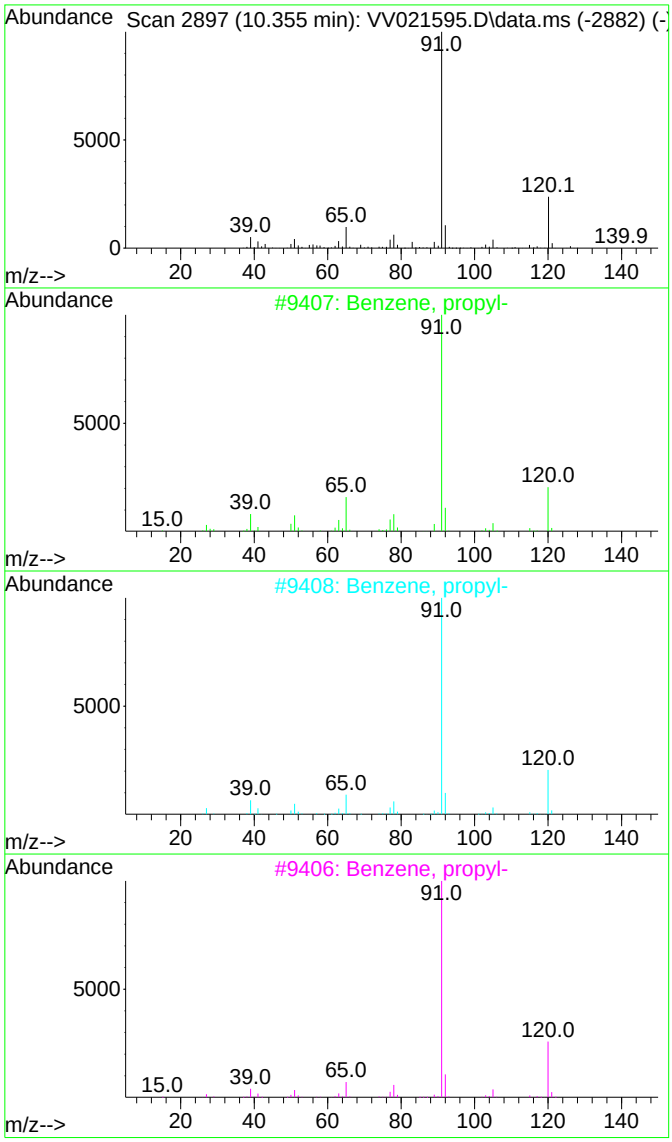
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

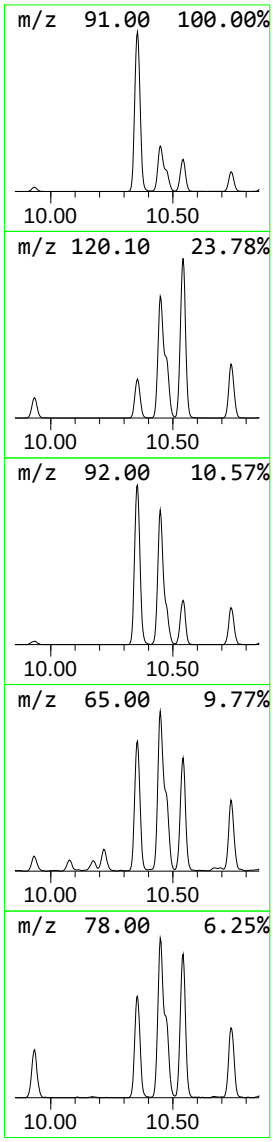
****

Peak Number 10 Benzene, propyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.355	6.40 ug/L	1346170	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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

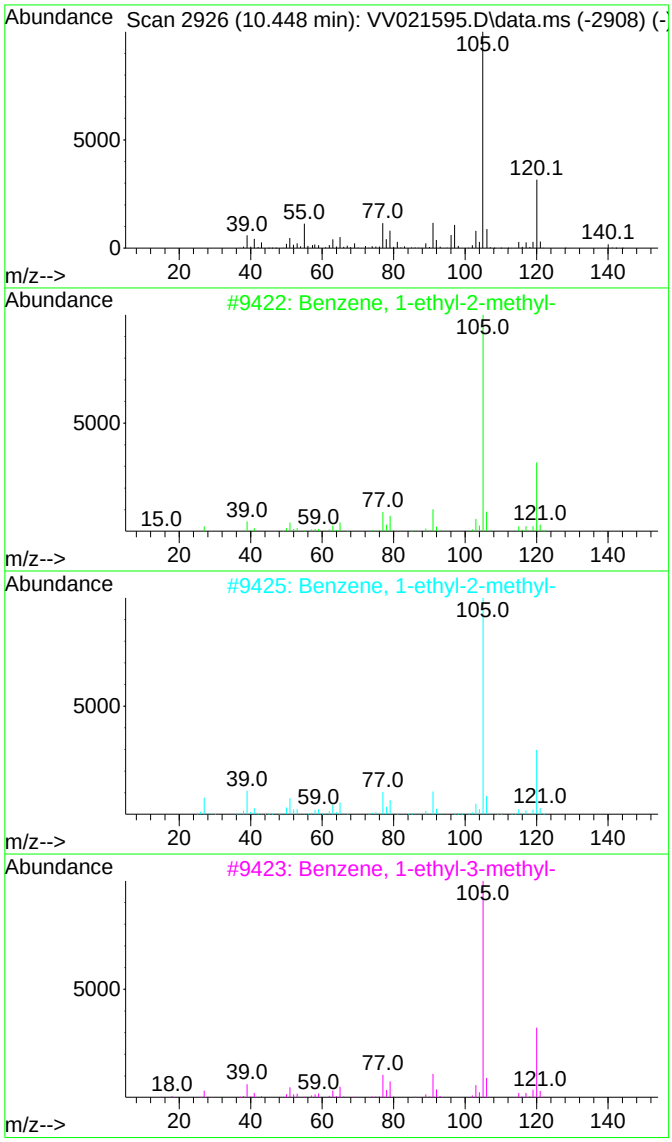
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

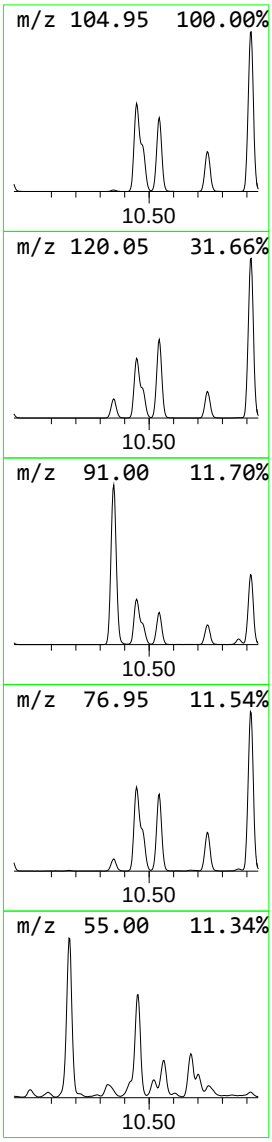
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	28.79 ug/L	6054670	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81





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Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

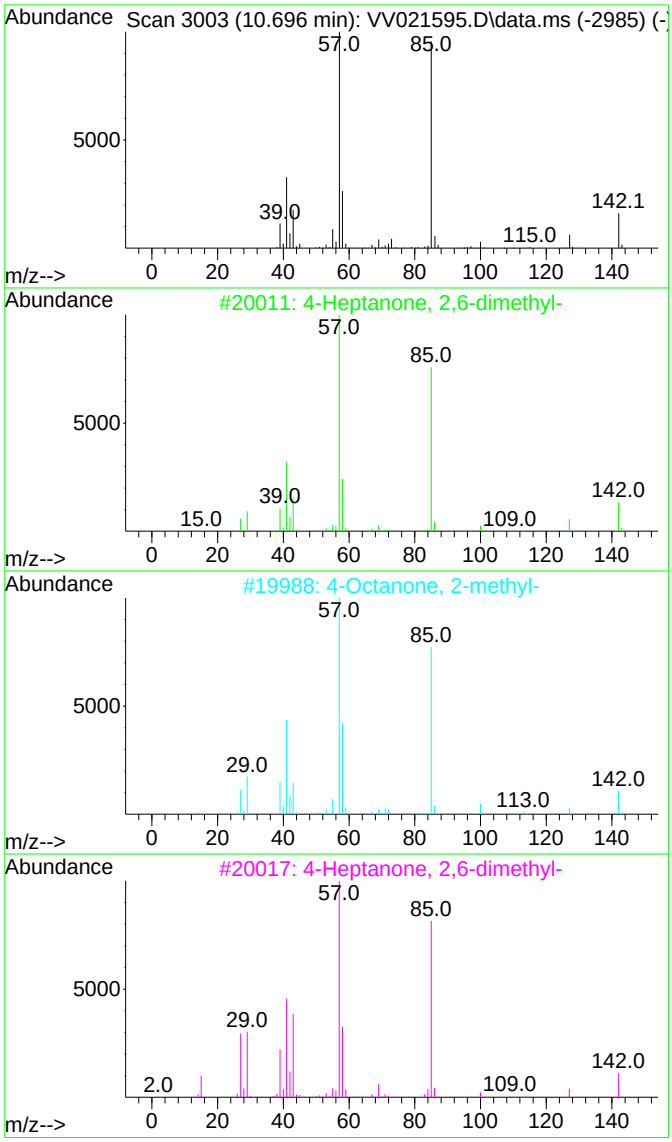
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

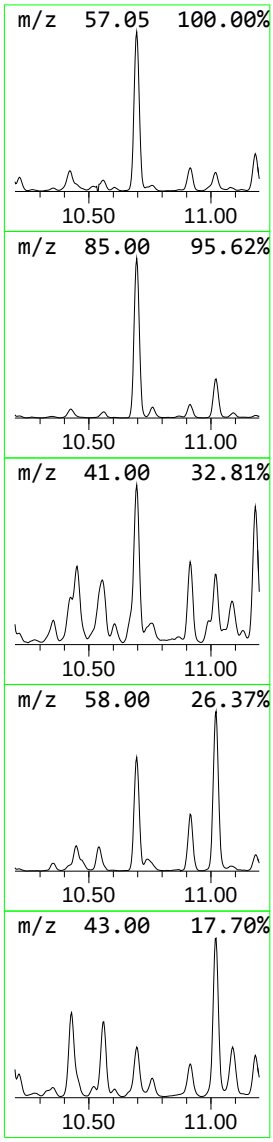
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4-Heptanone, 2,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.696	8.46 ug/L	1779610	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	64
4	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	53
5	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	47





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK31

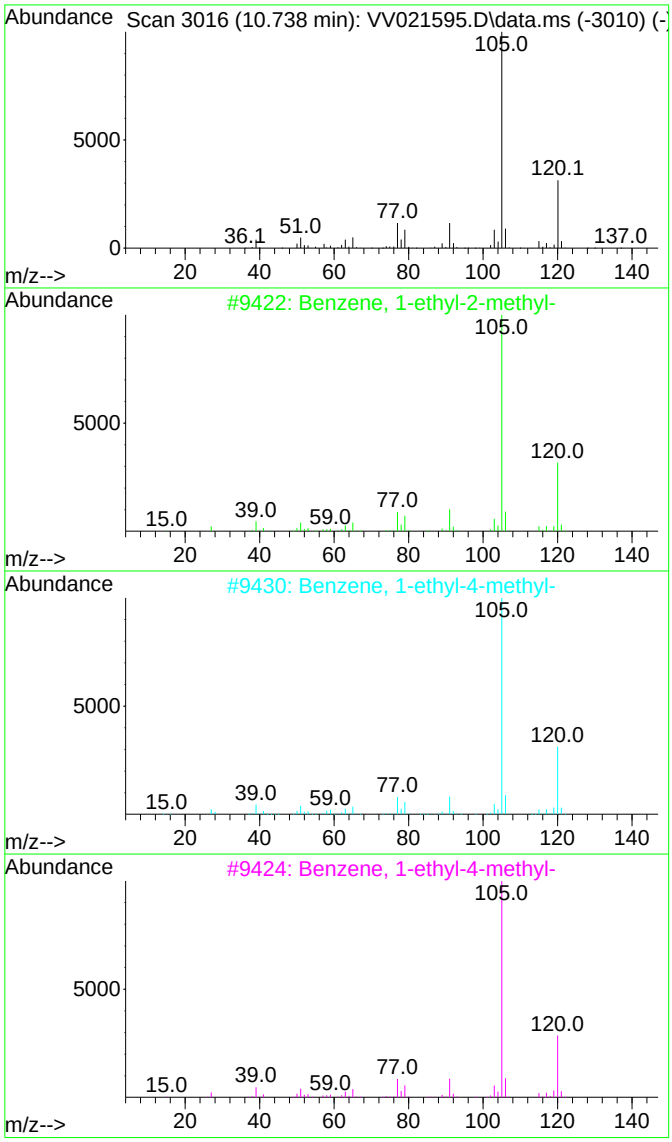
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

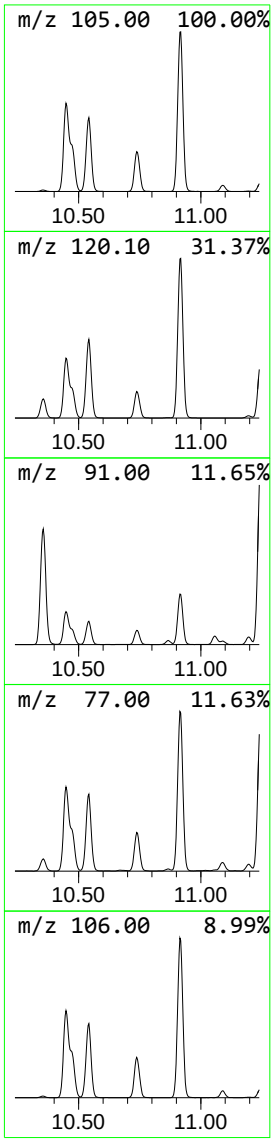
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-4-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	8.09 ug/L	1701020	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	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

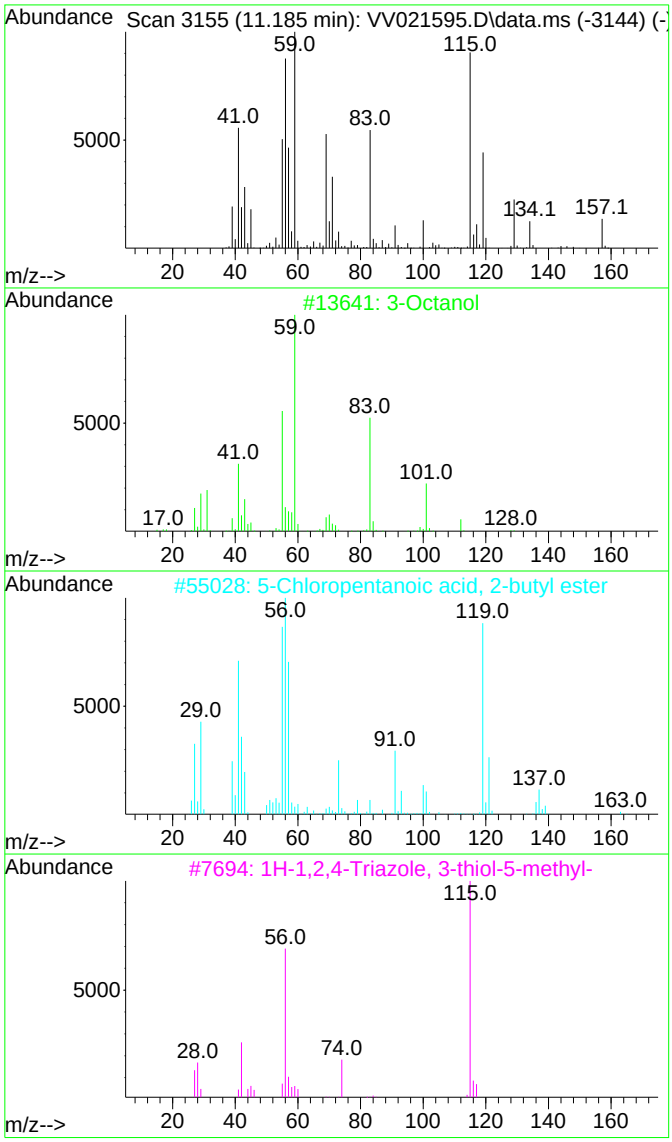
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

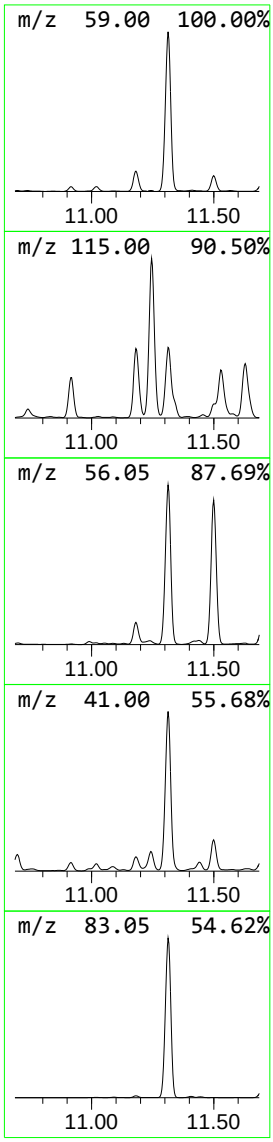
****

Peak Number 16 unknown-02 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.185	9.42 ug/L	1980810	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	22
2	5-Chloropentanoic acid, 2-butyl ...	192	C9H17ClO2	070543-38-3	22
3	1H-1,2,4-Triazole, 3-thiol-5-met...	115	C3H5N3S	007271-44-5	22
4	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	22
5	5-Cyano-5,6,6-trimethyl-1-oxa-4-...	282	C13H18N2O5	1000193-01-2	16





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

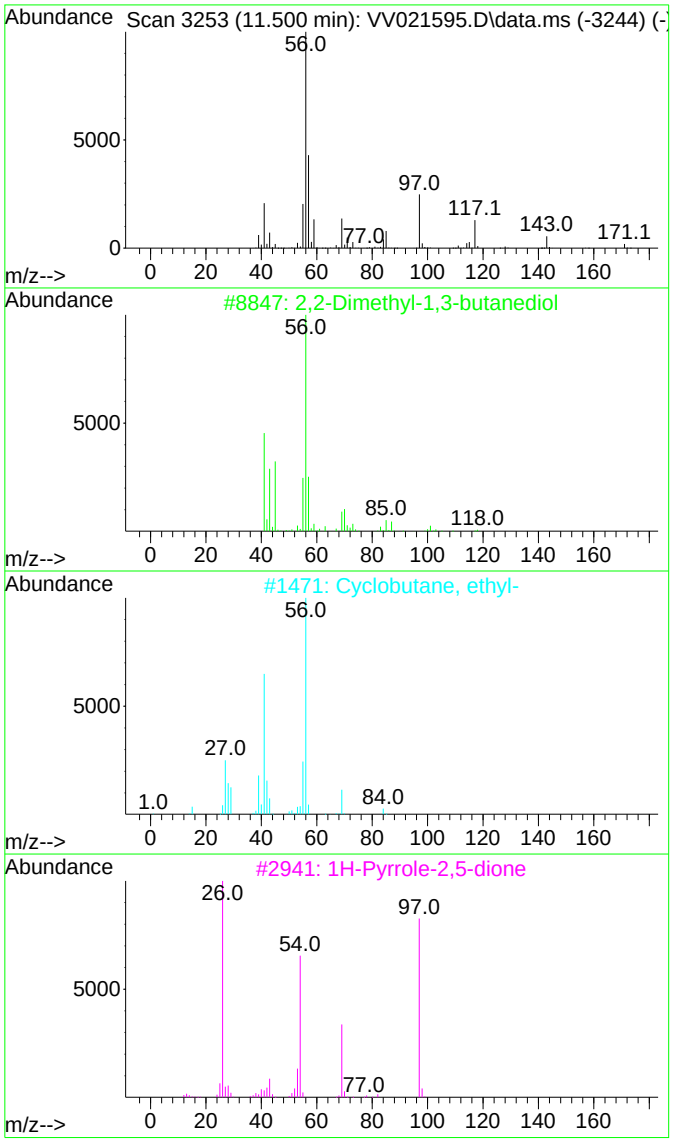
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

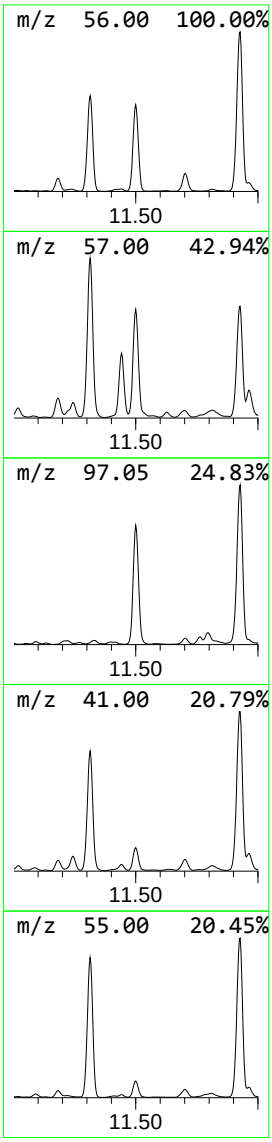
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,2-Dimethyl-1,3-butanediol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.500	17.54 ug/L	3688550	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	50
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
3	1H-Pyrrole-2,5-dione	97	C4H3NO2	000541-59-3	9
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	9
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	9





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

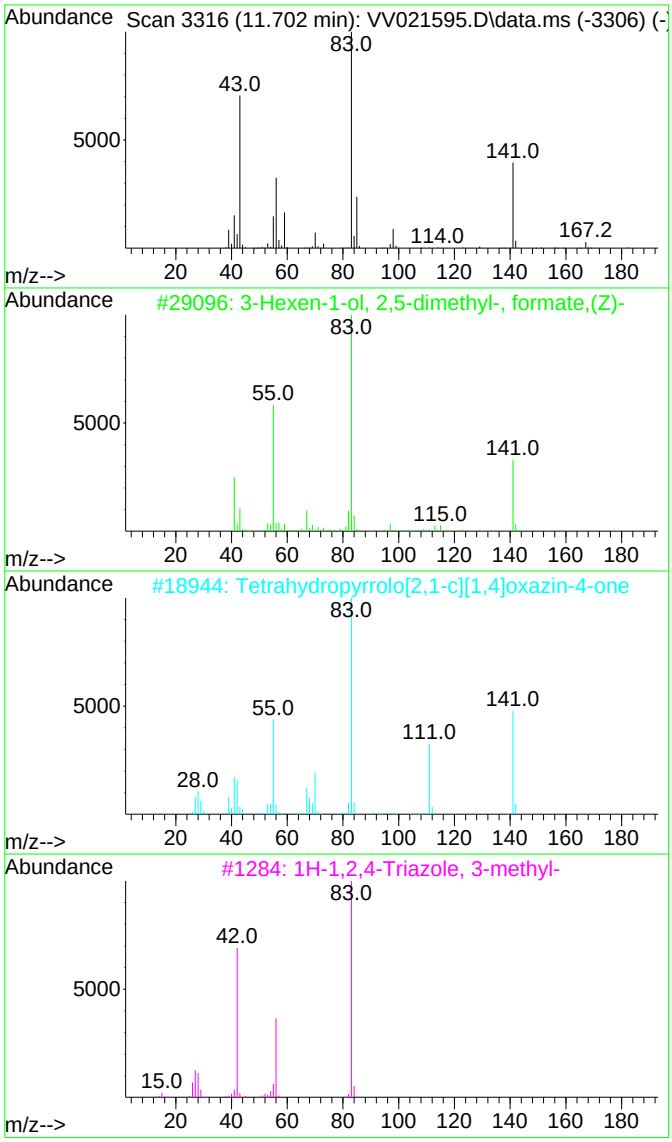
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

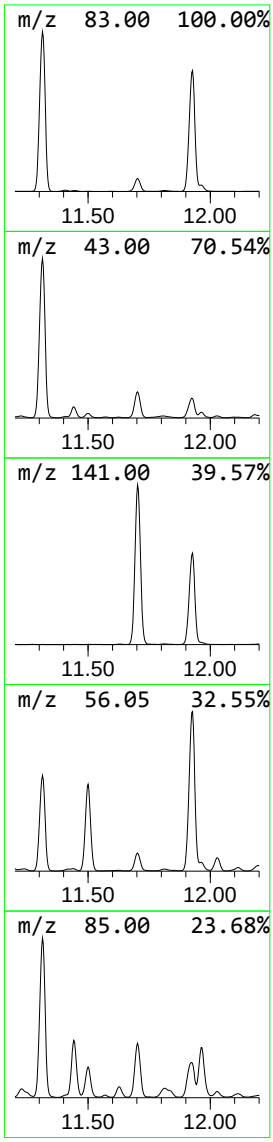
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 3-Hexen-1-ol, 2,5-dimethyl-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.702	13.25 ug/L	2786140	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol, 2,5-dimethyl-, for...	156	C9H16O2	1000132-12-3	53
2	Tetrahydropyrrolo[2,1-c][1,4]oxa...	141	C7H11NO2	101250-37-7	53
3	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	37
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	23
5	Oxalic acid, cyclohexyl propyl e...	214	C11H18O4	1000309-30-3	17





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Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

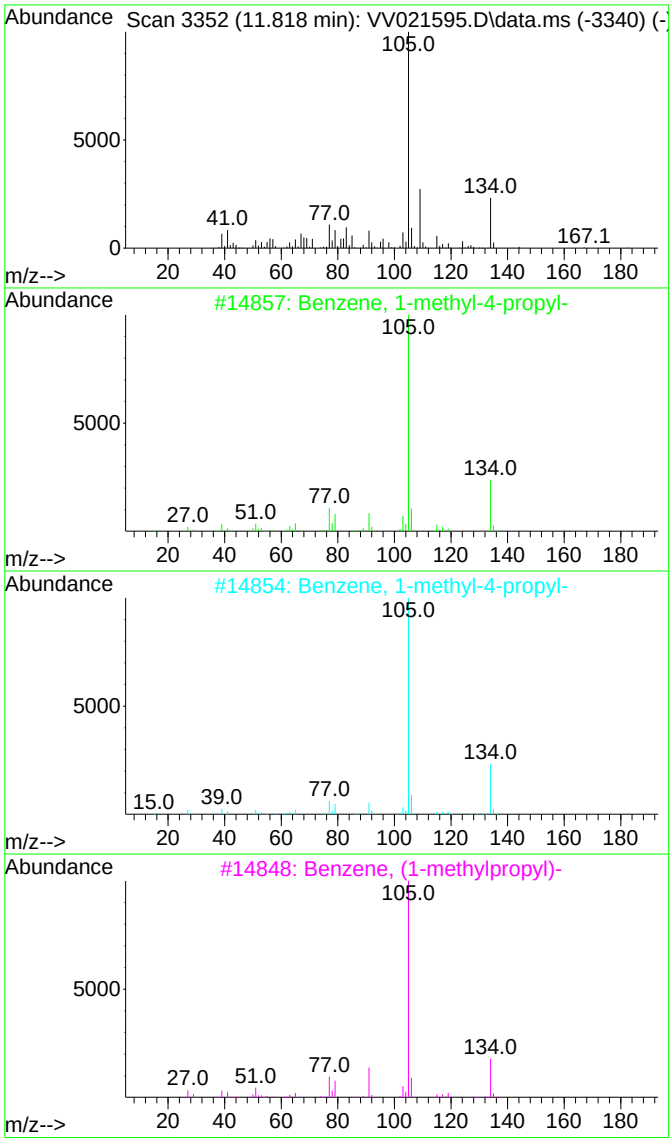
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

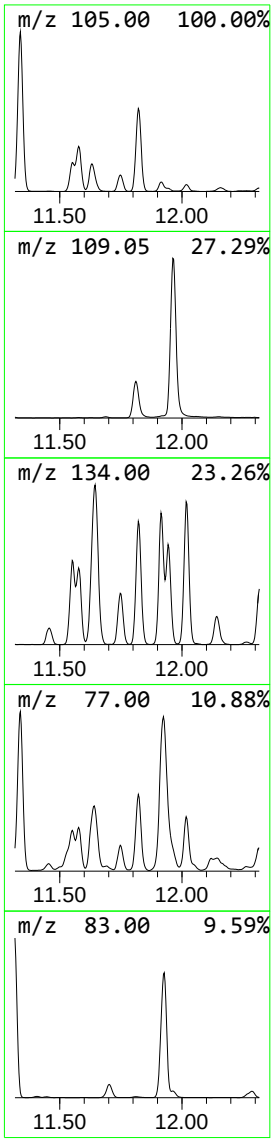
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.818	11.09 ug/L	2332520	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

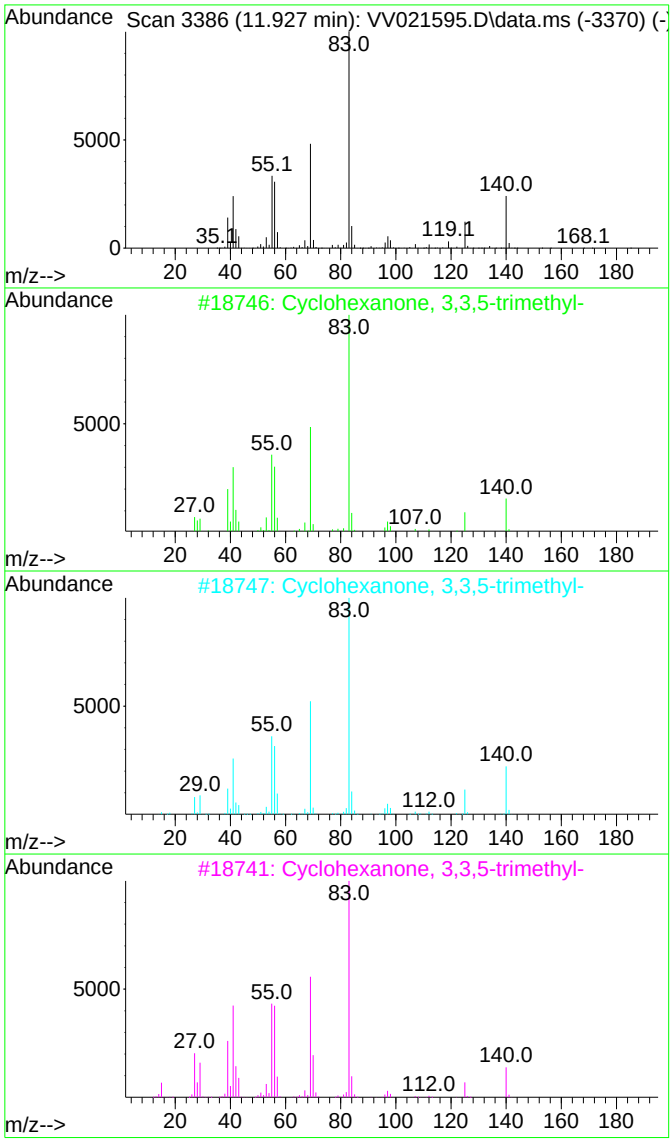
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

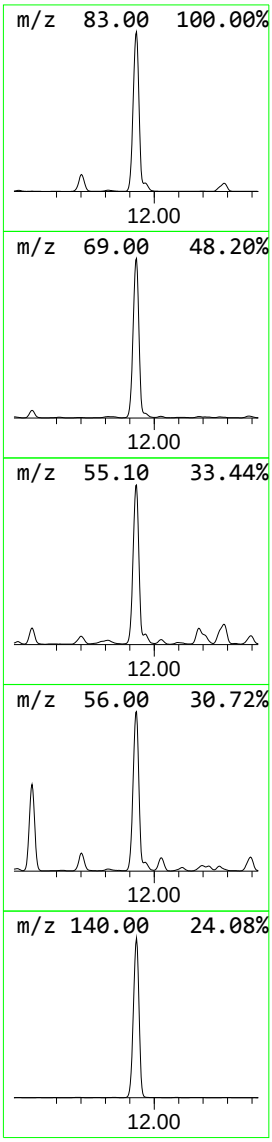
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	141.18 ug/L	29685500	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	86
5	1H-1,2,4-Triazole, 3-(2-methylpr...	125	C6H11N3	040515-29-5	50





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Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

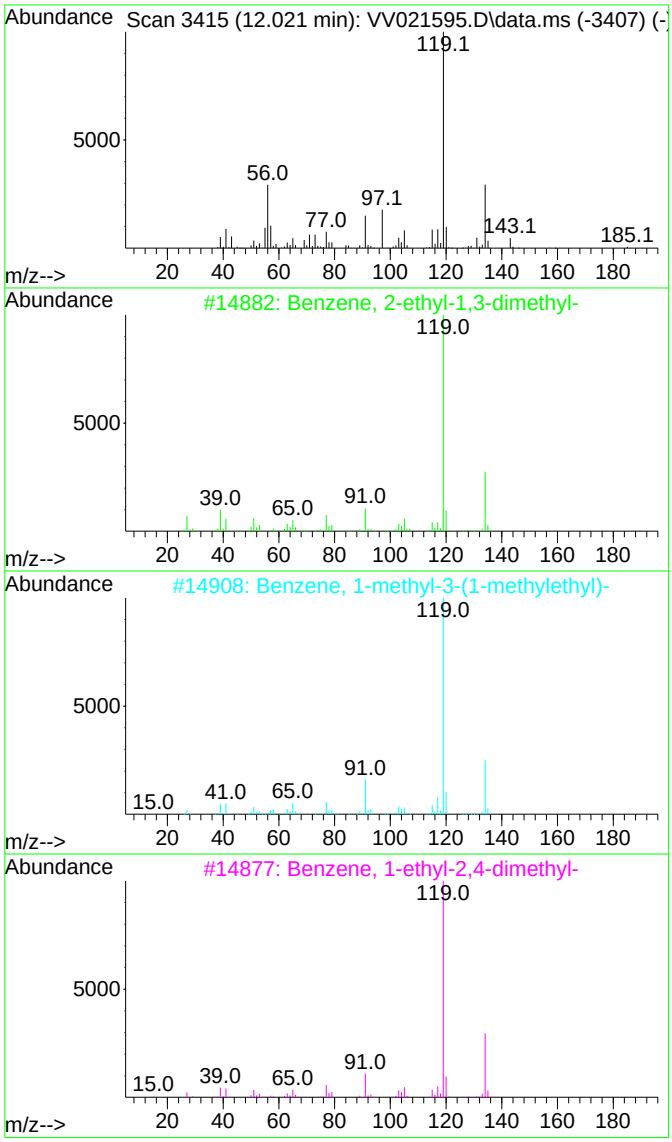
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

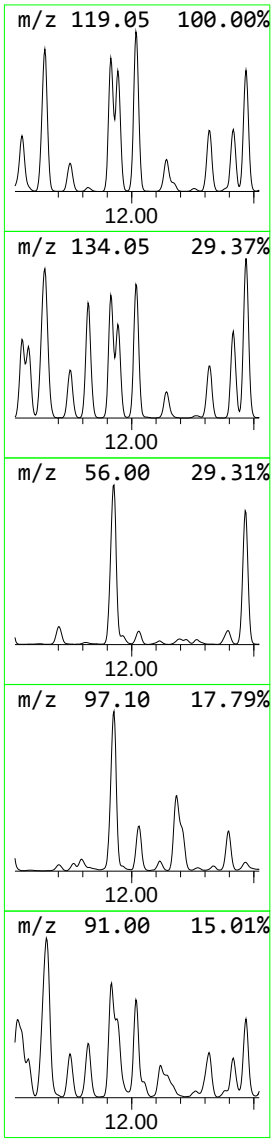
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	10.10 ug/L	2124000	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

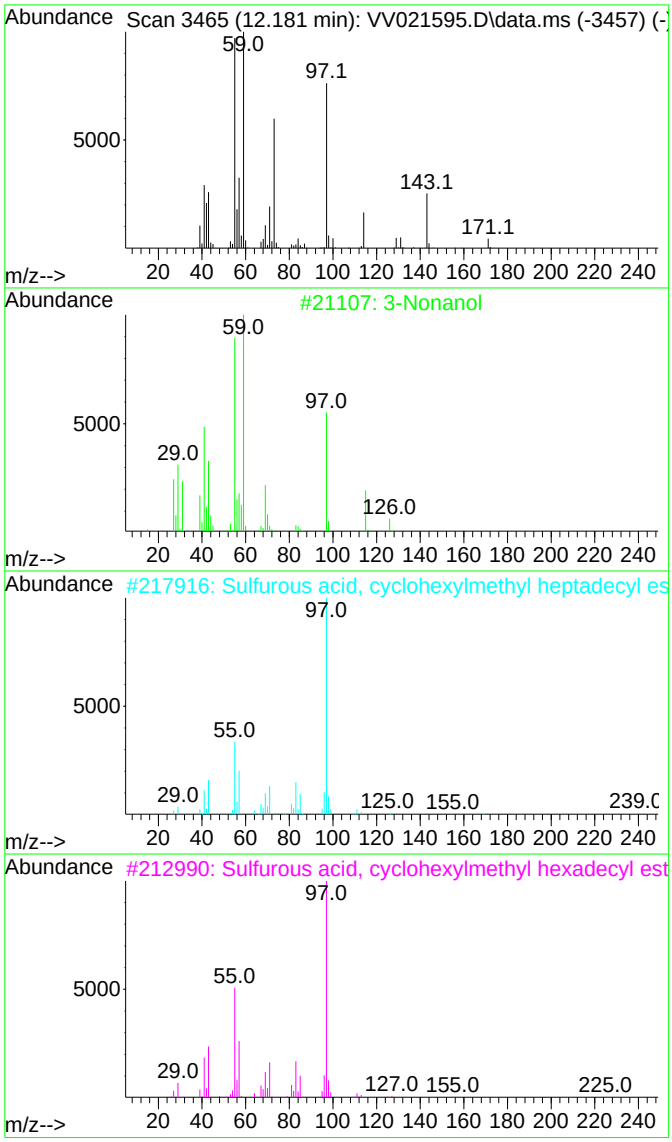
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

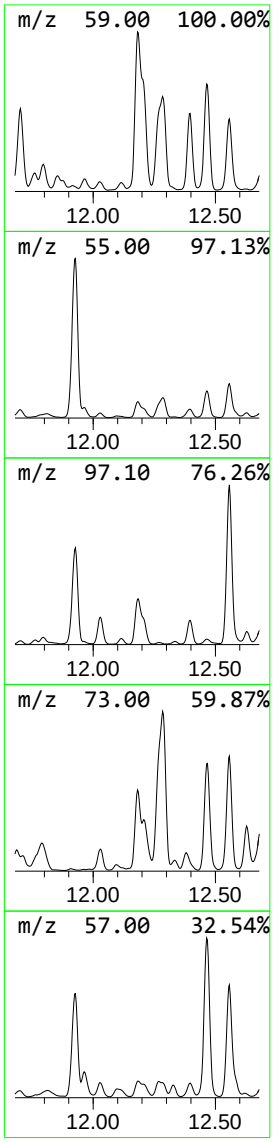
****

Peak Number 24 3-Nonanol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.181	10.92 ug/L	2296040	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonanol	144	C9H20O	000624-51-1	53
2	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	27
3	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	27
4	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	25
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	25





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Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

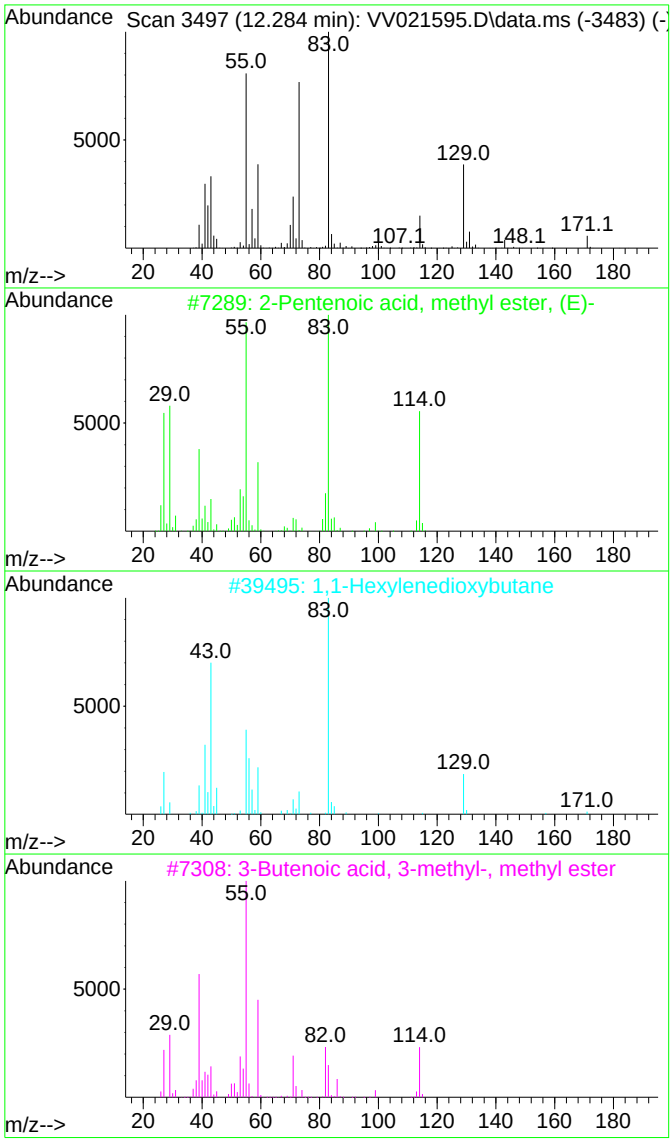
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

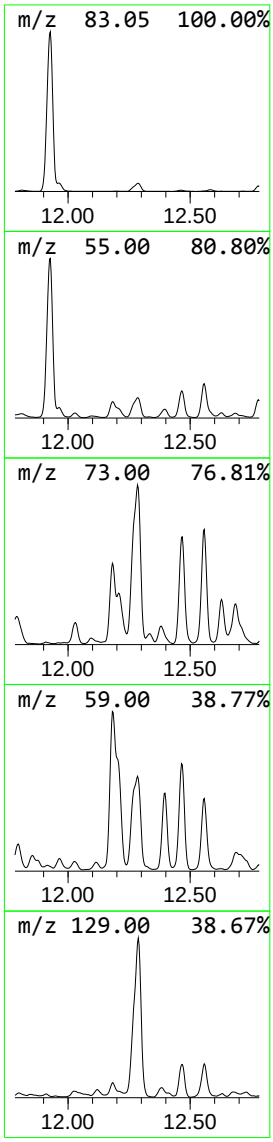
****

Peak Number 25 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.284	15.86 ug/L	3335600	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, methyl ester, ...	114	C6H10O2	015790-88-2	38
2	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	37
3	3-Butenoic acid, 3-methyl-, meth...	114	C6H10O2	025859-52-3	30
4	Cyclohexanecarboxylic acid isopr...	170	C10H18O2	006553-80-6	28
5	Oxalic acid, cyclohexyl isobutyl...	228	C12H20O4	1000309-30-4	27





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Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

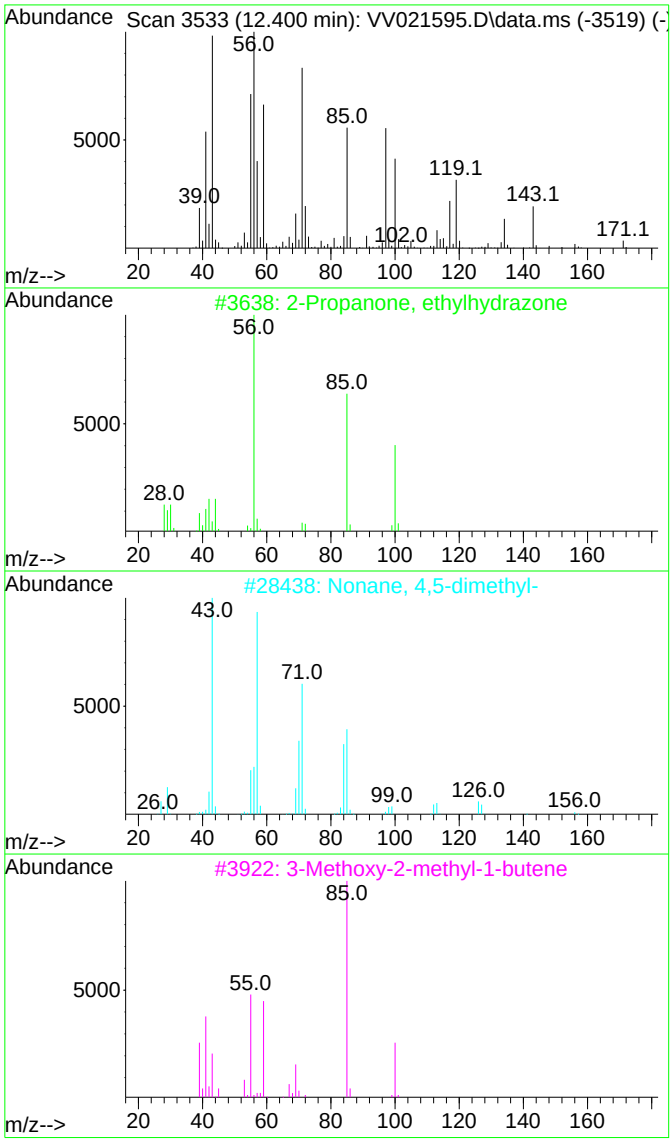
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

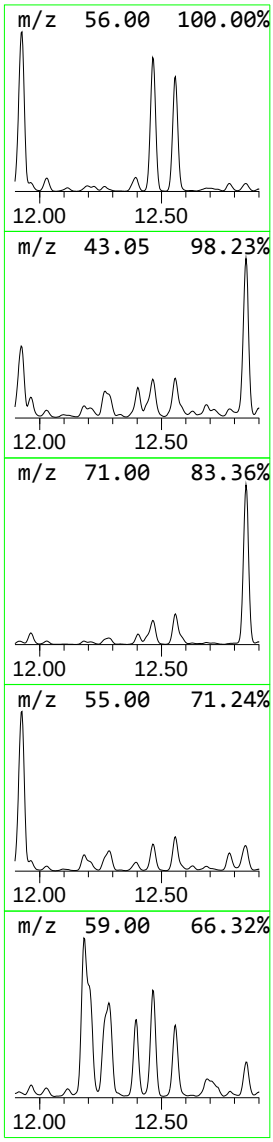
****

Peak Number 26 unknown-04 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.400	10.77 ug/L	2264970	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, ethylhydrazone	100	C5H12N2	007422-99-3	30
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	25
3	3-Methoxy-2-methyl-1-butene	100	C6H12O	1000279-60-1	18
4	3-n-Propyl-2,4-pentanedione	142	C8H14O2	001540-35-8	14
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	14





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

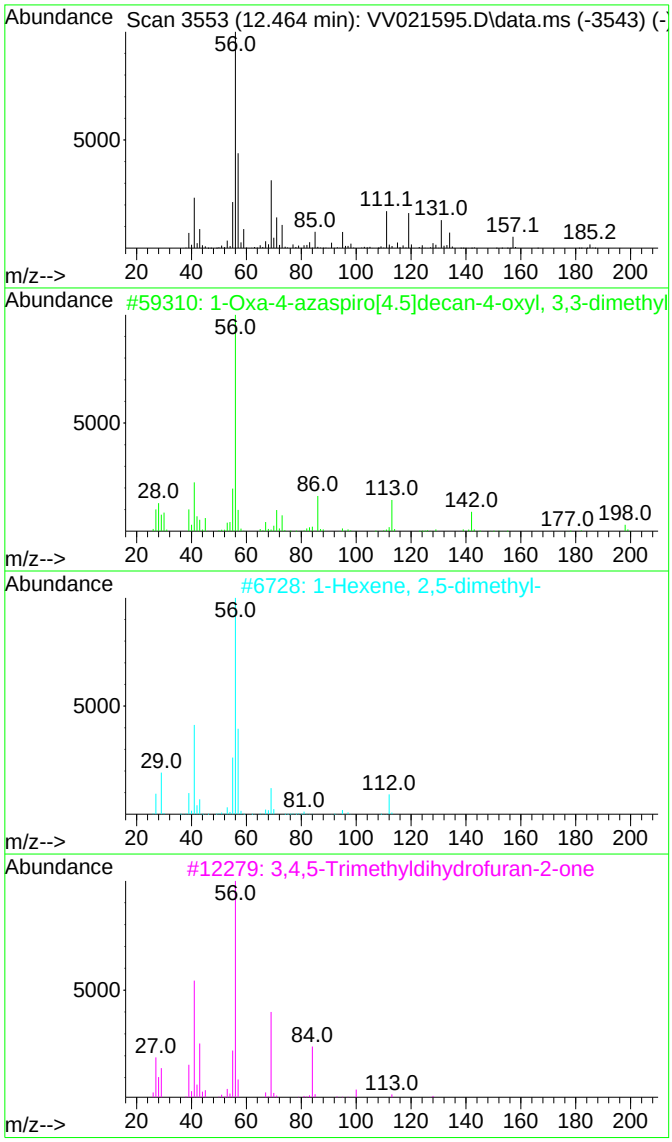
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

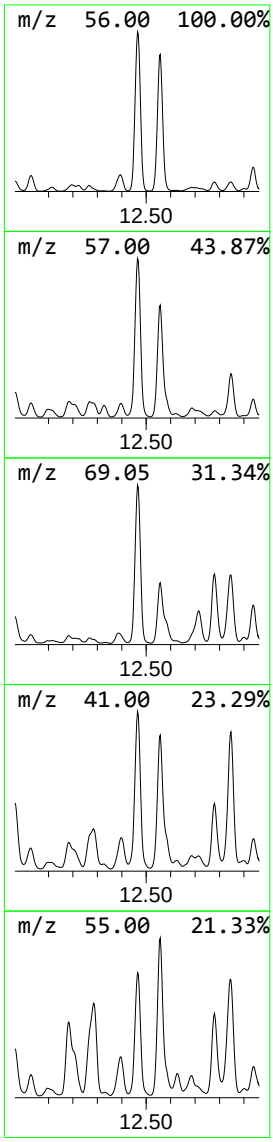
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1-Oxa-4-azaspiro[4.5]decan-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	38.53 ug/L	8101940	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Oxa-4-azaspiro[4.5]decan-4-oxy...	198	C10H16NO3	1000115-84-0	50
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43
3	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	43
4	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	38
5	Cyclopentanamine	85	C5H11N	001003-03-8	37





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

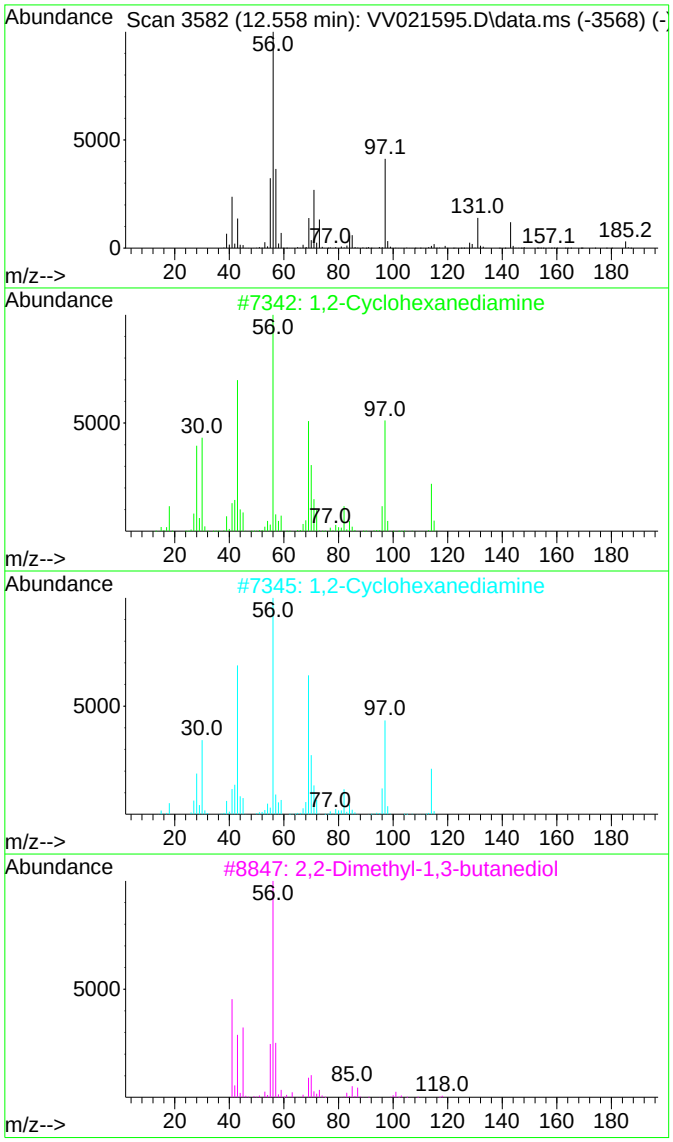
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

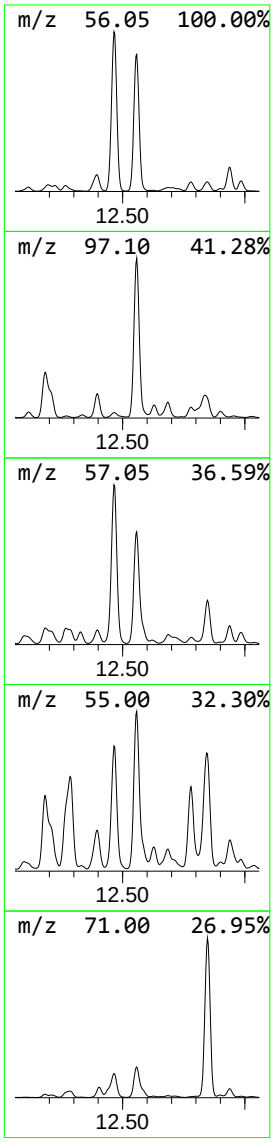
****

Peak Number 28 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.558	36.00 ug/L	7570860	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanediamine	114	C6H14N2	000694-83-7	36
2	1,2-Cyclohexanediamine	114	C6H14N2	000694-83-7	36
3	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	32
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	25
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	25





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

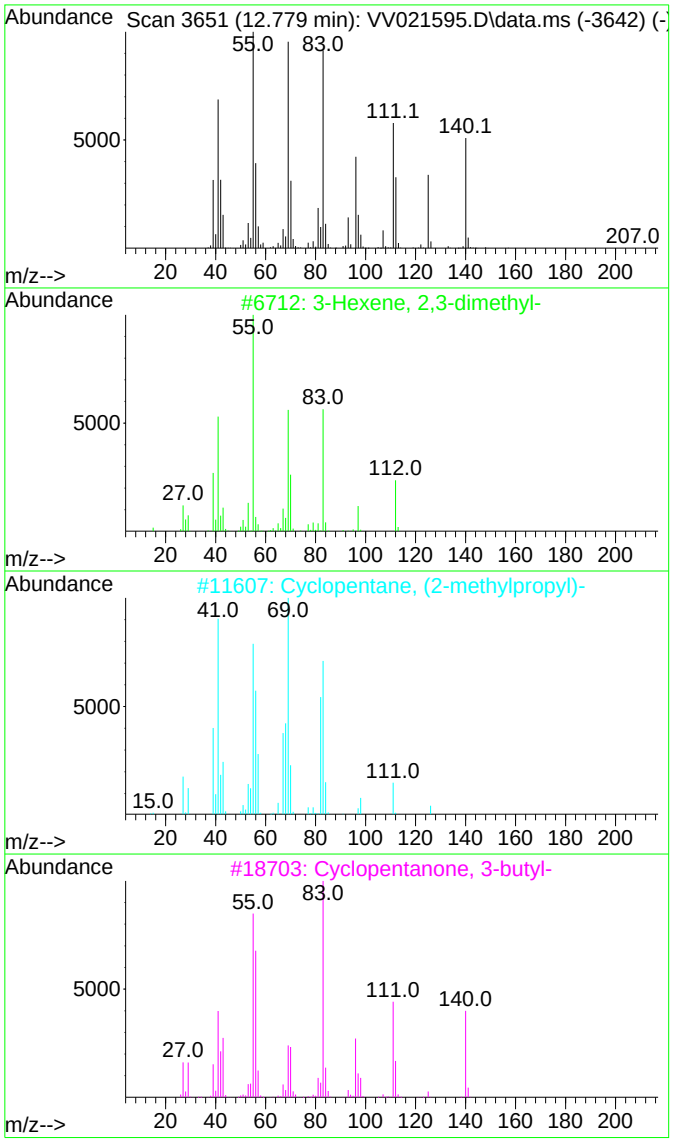
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

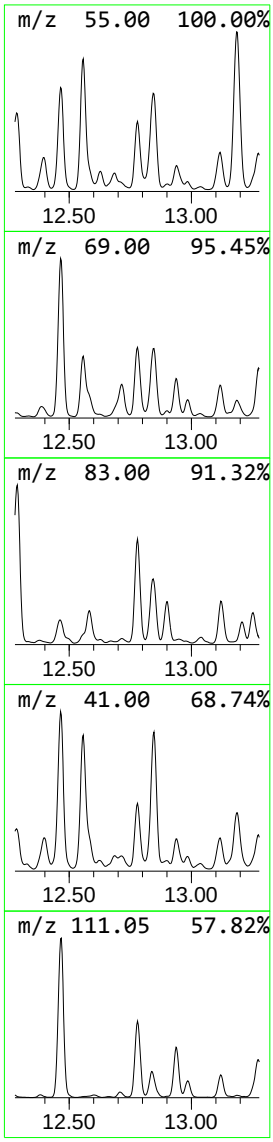
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.779	11.23 ug/L	2361900	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	45
2	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38
3	Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	30
4	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	30
5	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	30





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

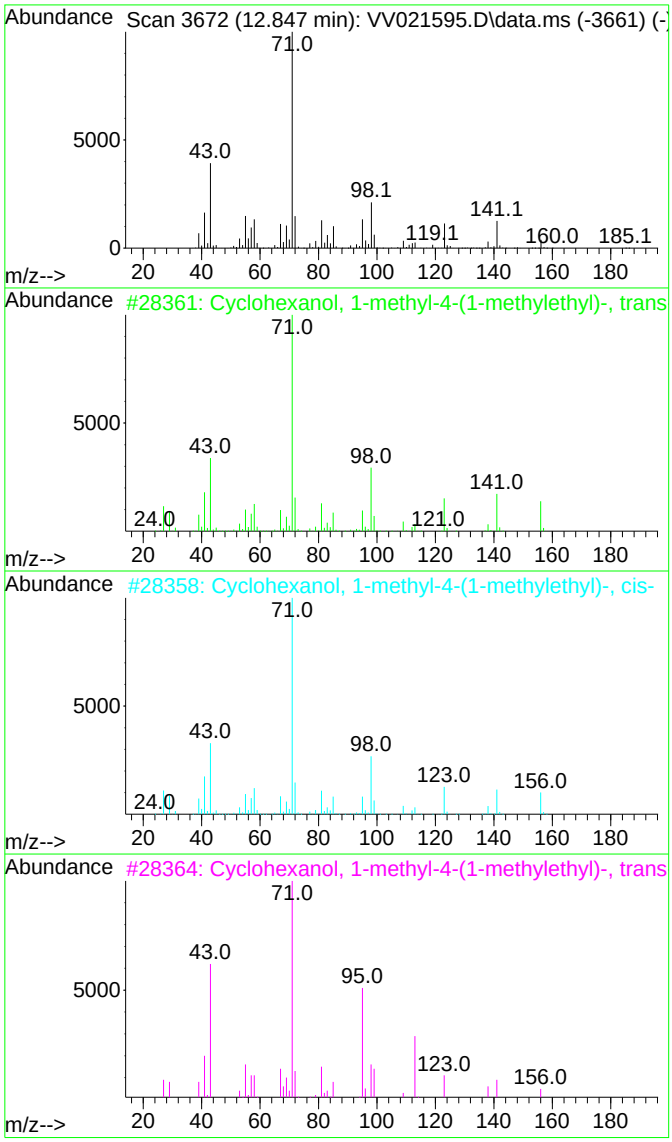
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

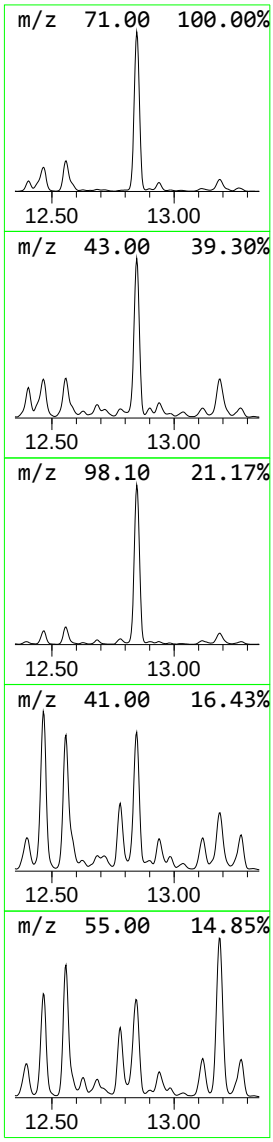
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.847	42.66 ug/L	8970190	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	91
2	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-95-9	91
3	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	74
4	Isophytol	296	C20H40O	000505-32-8	50
5	Cyclooctane, methoxy-	142	C9H18O	013213-32-6	49





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

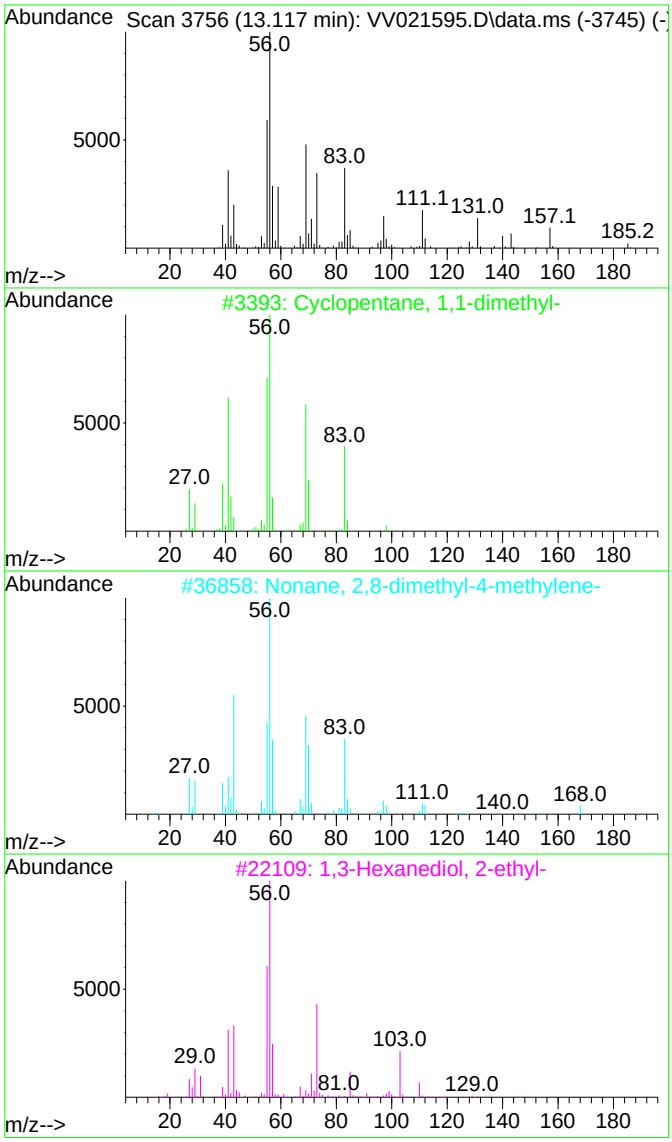
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

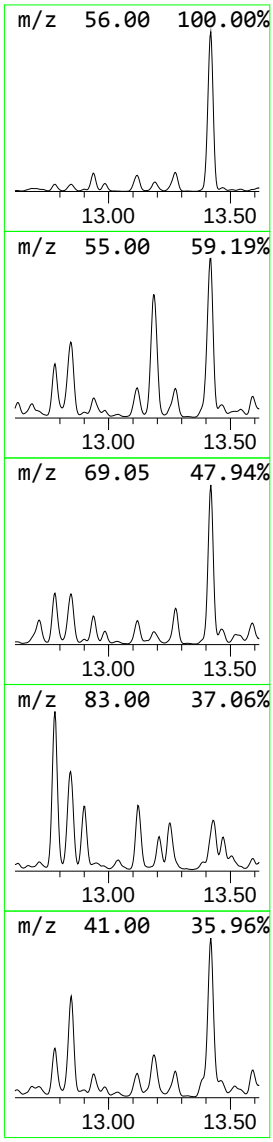
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Cyclic13.117 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	7.74 ug/L	1628100	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43
2	Nonane, 2,8-dimethyl-4-methylene-	168	C12H24	007323-15-1	43
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	38
4	Neopentyl glycol	104	C5H12O2	000126-30-7	38
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	37





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

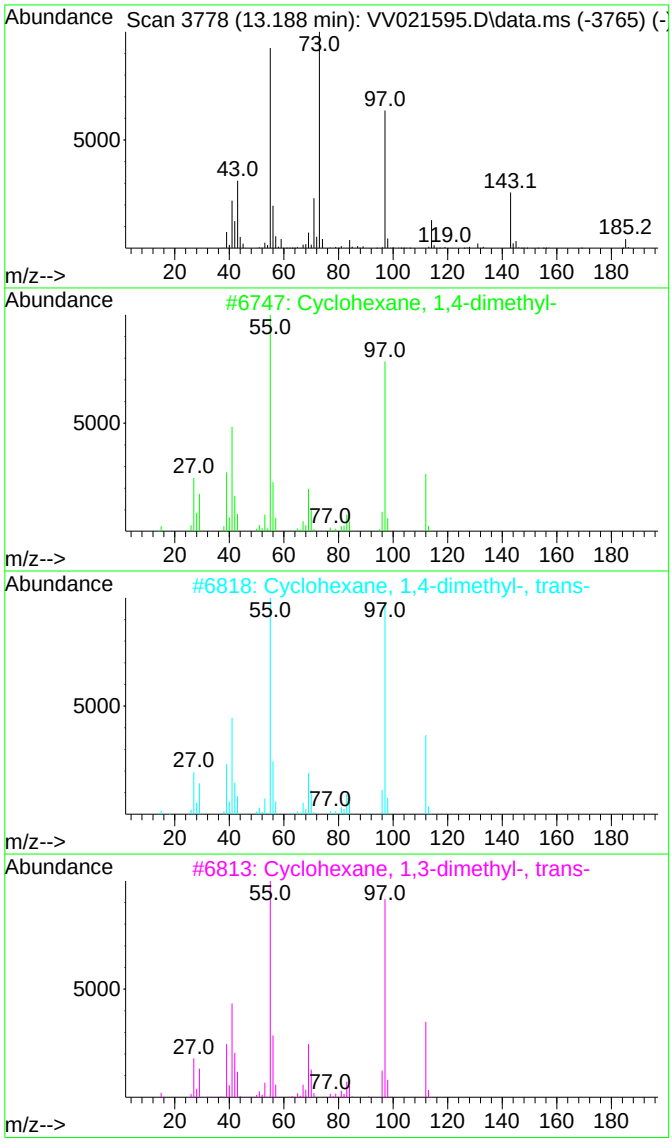
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

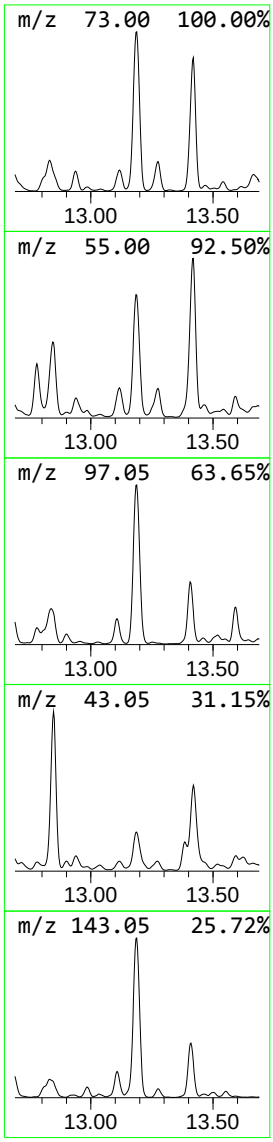
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Cyclic13.188 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.188	20.24 ug/L	4256830	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	43
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	43
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	17
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	17
5	Metamphetamine, N-acetyl-N-(2-cy...	230	C14H18N2O	1000308-74-2	16





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Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

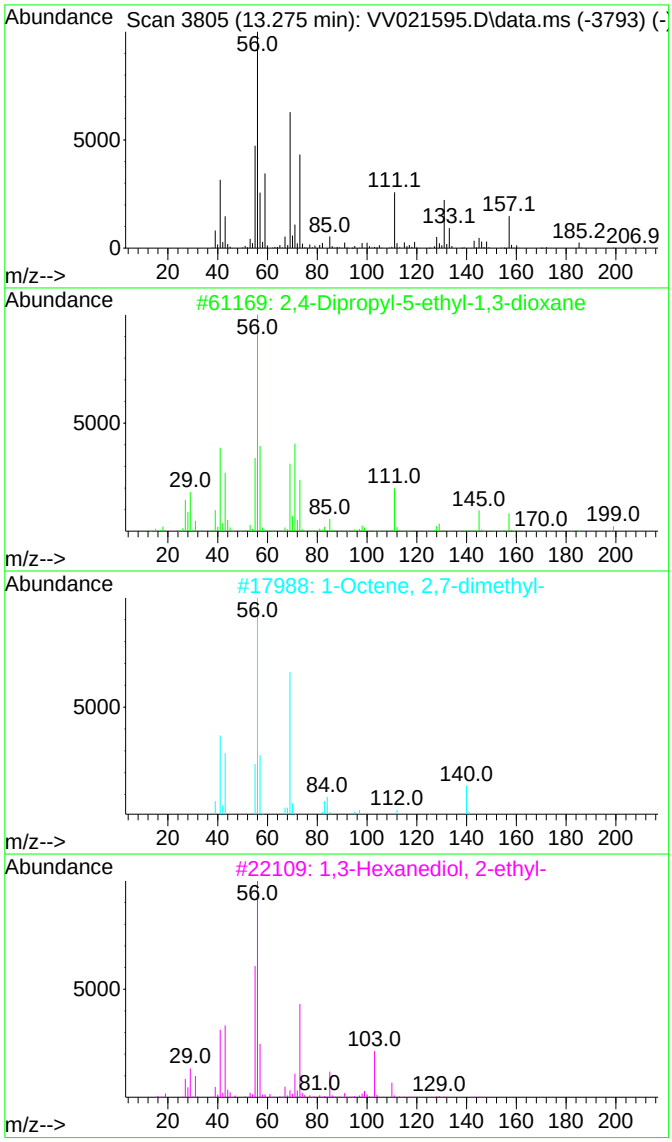
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

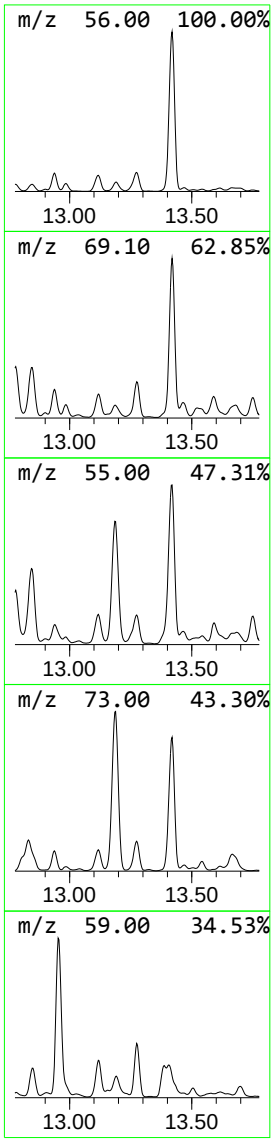
****

Peak Number 36 unknown-06 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	8.89 ug/L	1869690	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
2	1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5	25
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	25
4	Neopentyl glycol	104	C5H12O2	000126-30-7	23
5	Neopentyl glycol	104	C5H12O2	000126-30-7	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

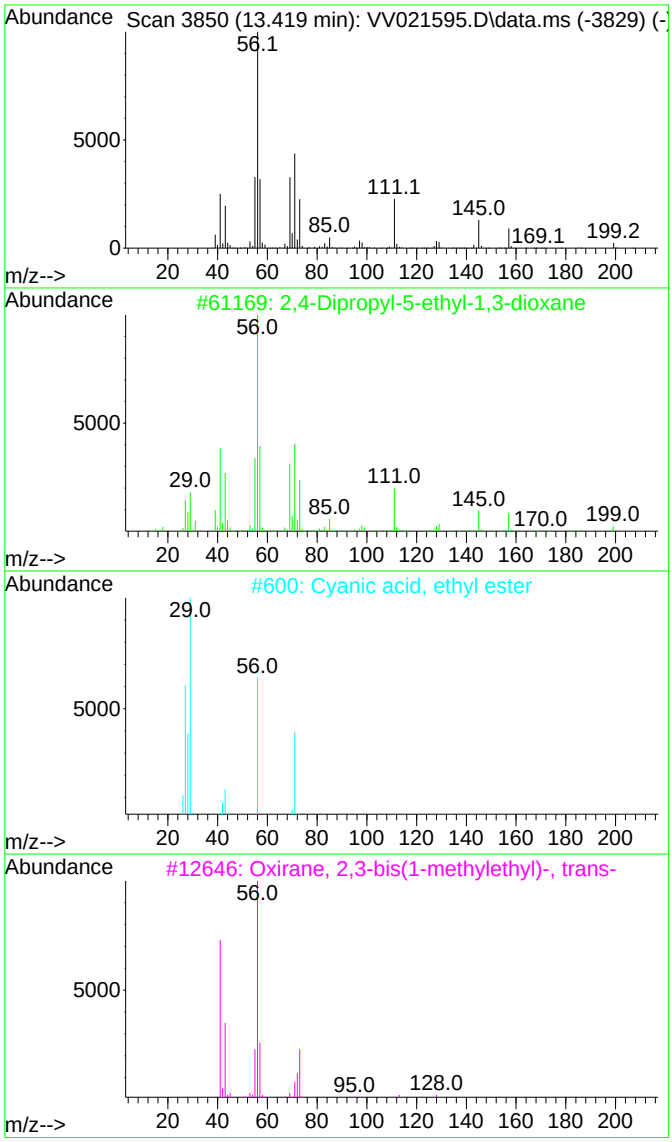
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

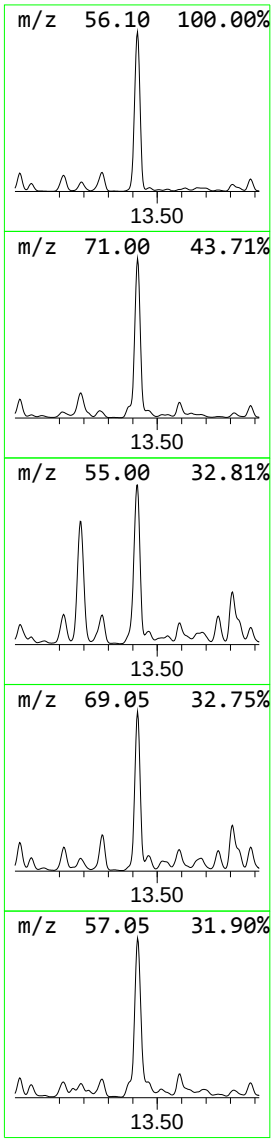
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.419	60.10 ug/L	12637900	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	86
2	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	49
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	32
4	2-Methyl-1-nonene	140	C10H20	002980-71-4	27
5	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK31

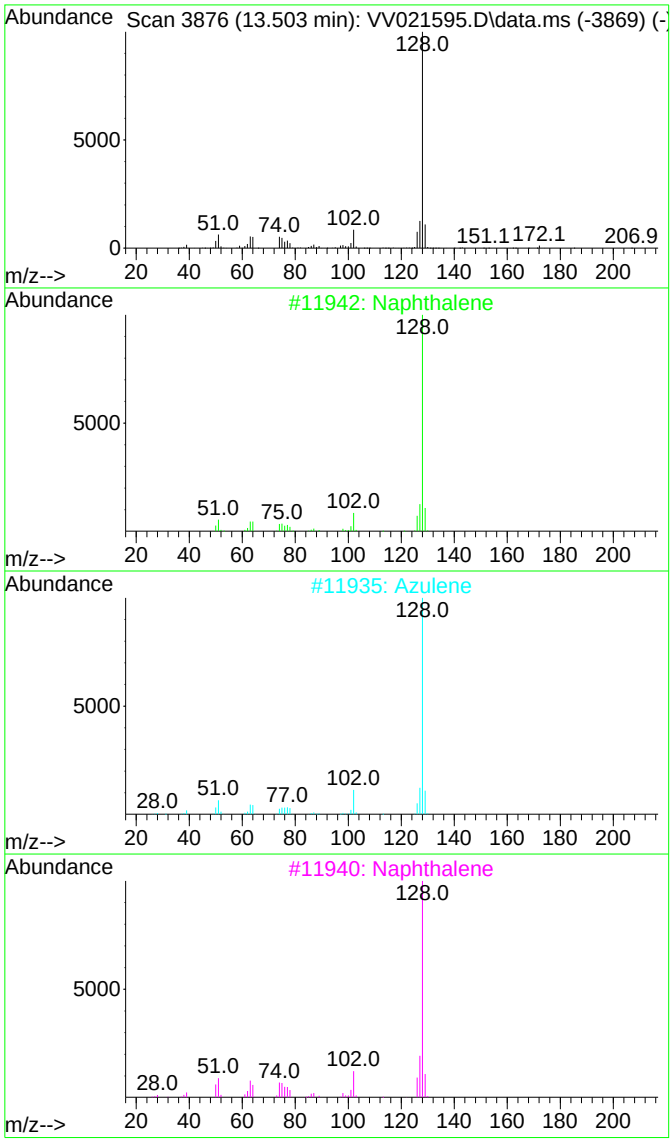
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

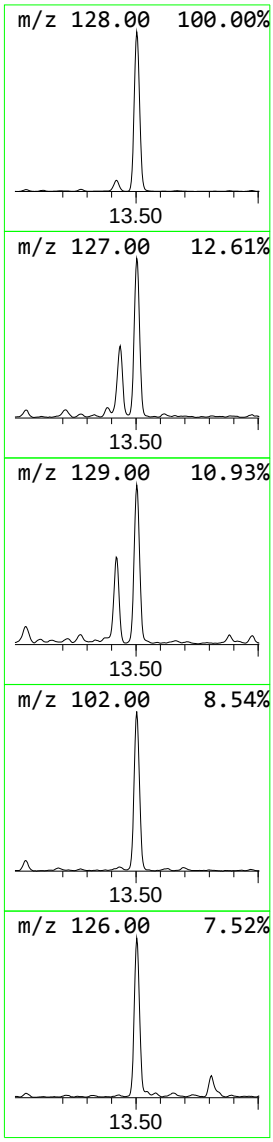
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Azulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	13.72 ug/L	2883990	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	93
3	Naphthalene	128	C10H8	000091-20-3	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

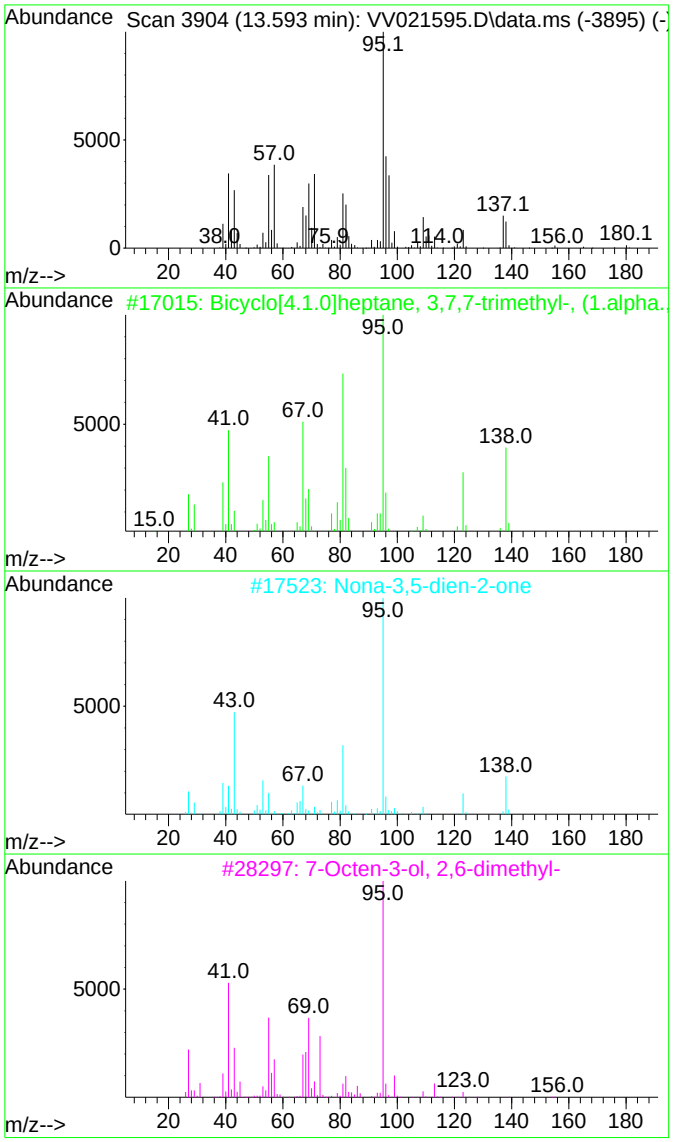
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

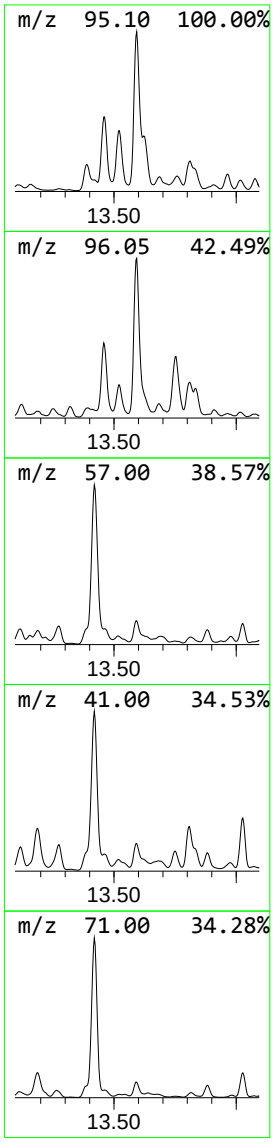
****

Peak Number 39 unknown-07 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.593	8.36 ug/L	1758020	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	49
2	Nona-3,5-dien-2-one	138	C9H14O	080387-31-1	38
3	7-Octen-3-ol, 2,6-dimethyl-	156	C10H20O	018479-56-6	35
4	4-Pyridinol	95	C5H5NO	000626-64-2	22
5	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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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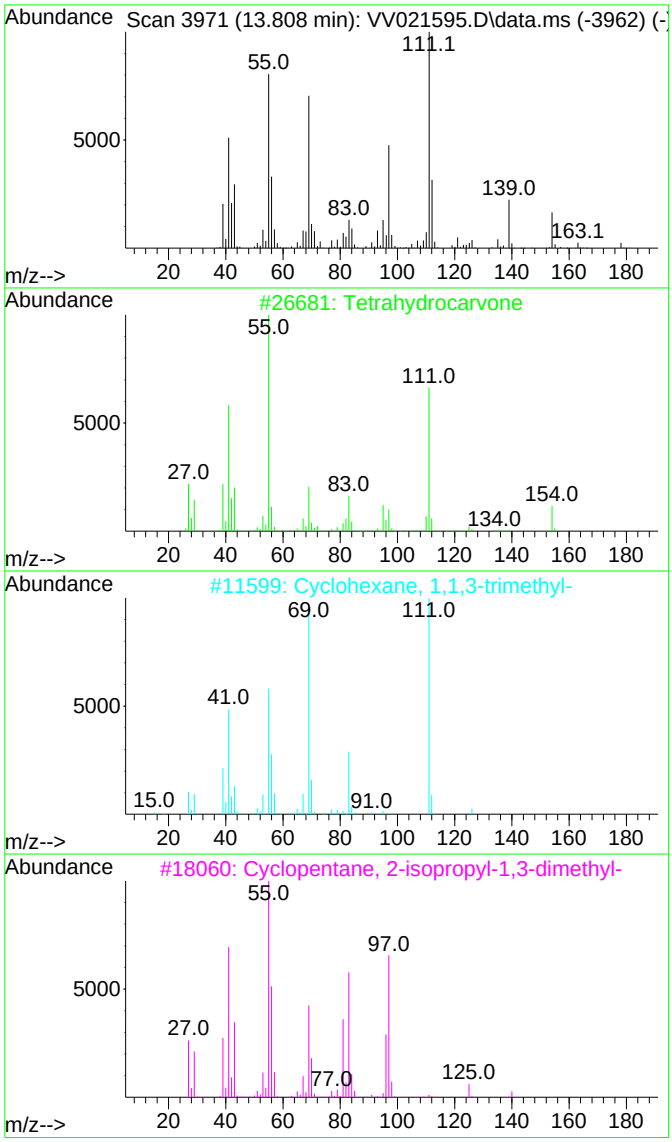
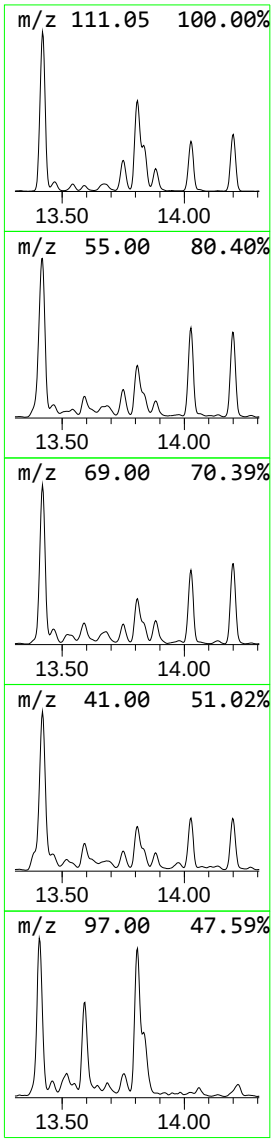
Peak Number 41 unknown-08 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.808	14.72 ug/L	3094520	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrocarvone	154	C10H18O	000499-70-7	49
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	43
3	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	38
4	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	38
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

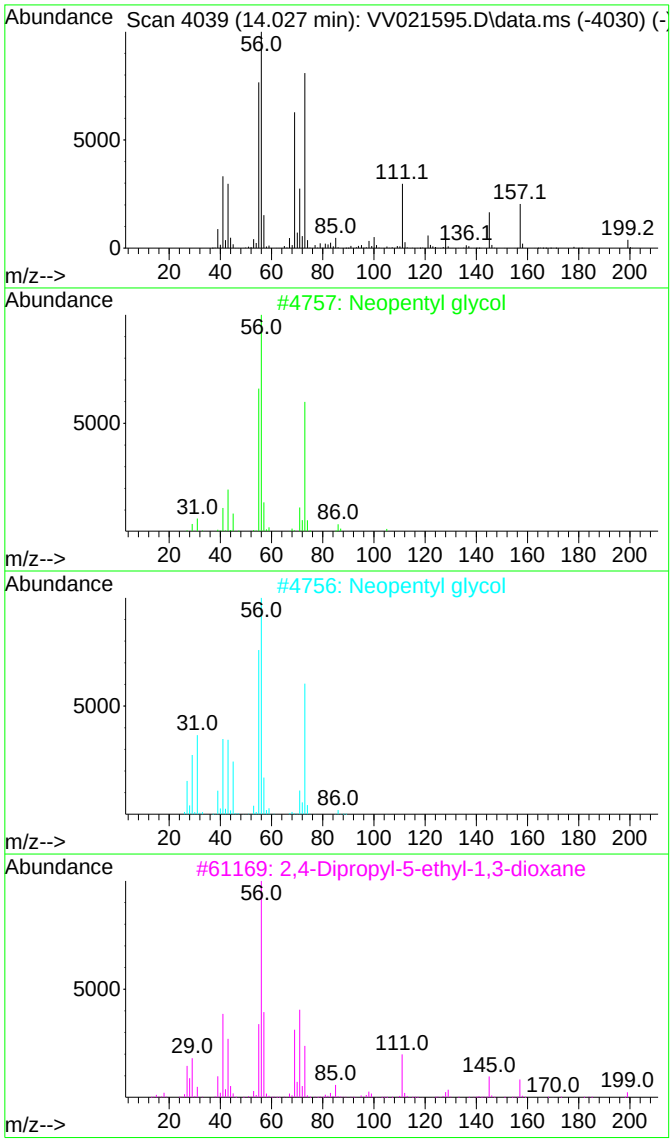
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

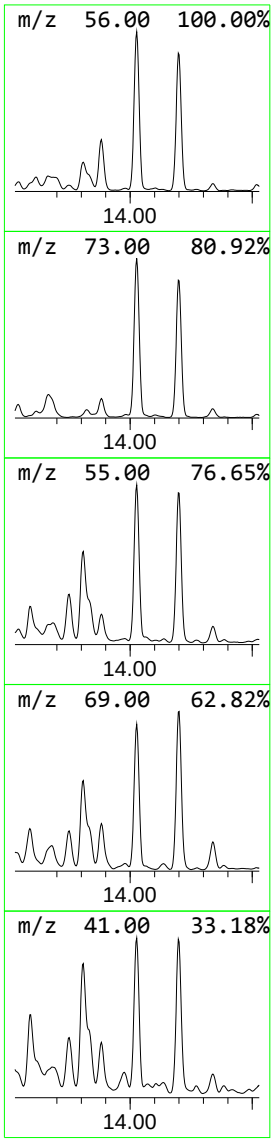
****

Peak Number 44 unknown-09 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.027	15.08 ug/L	3170950	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentyl glycol	104	C5H12O2	000126-30-7	38
2	Neopentyl glycol	104	C5H12O2	000126-30-7	37
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	33
4	Neopentyl glycol	104	C5H12O2	000126-30-7	28
5	Tridecane, 7-methylene-	196	C14H28	019780-80-4	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

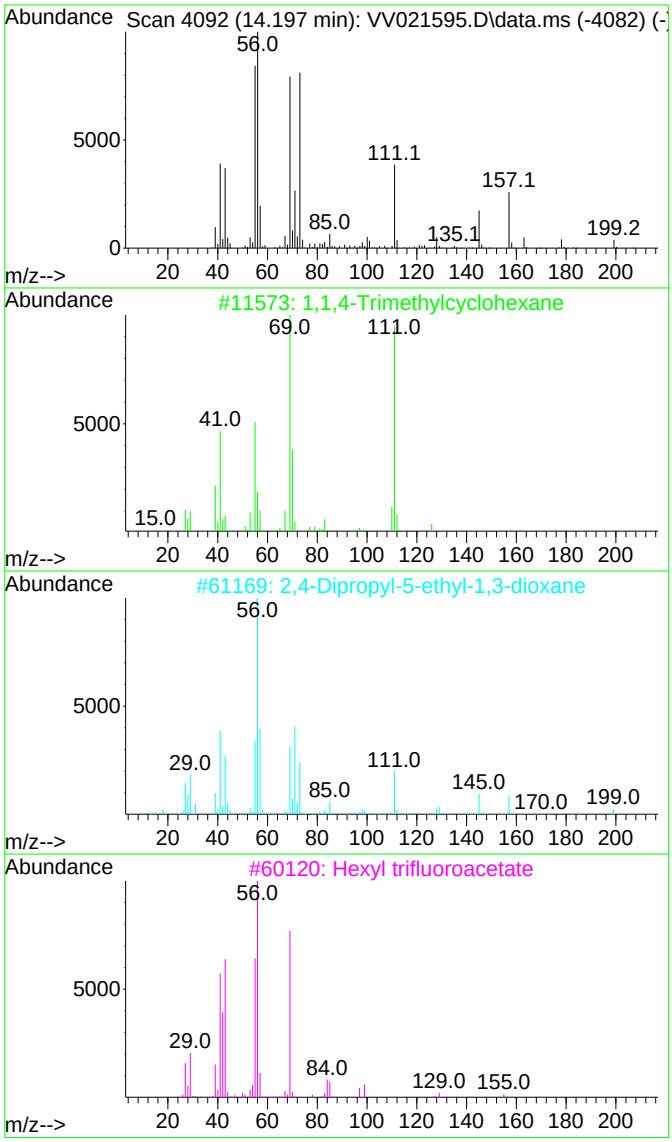
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

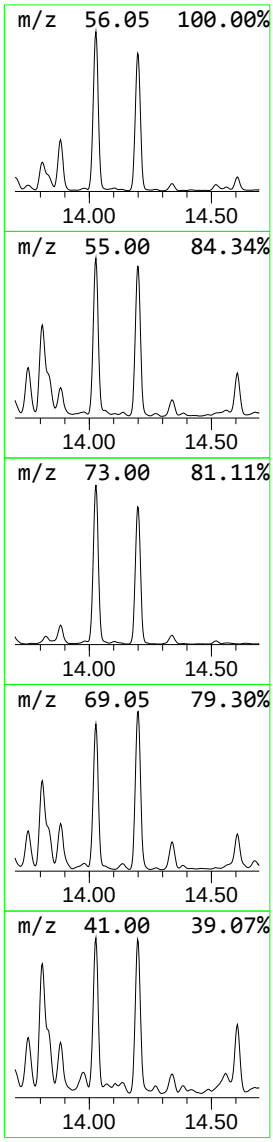
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Cyclic14.197 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.197	16.04 ug/L	3372260	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	38
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	37
3	Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	37
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	32
5	Nonane, 4-methylene-	140	C10H20	033717-91-8	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

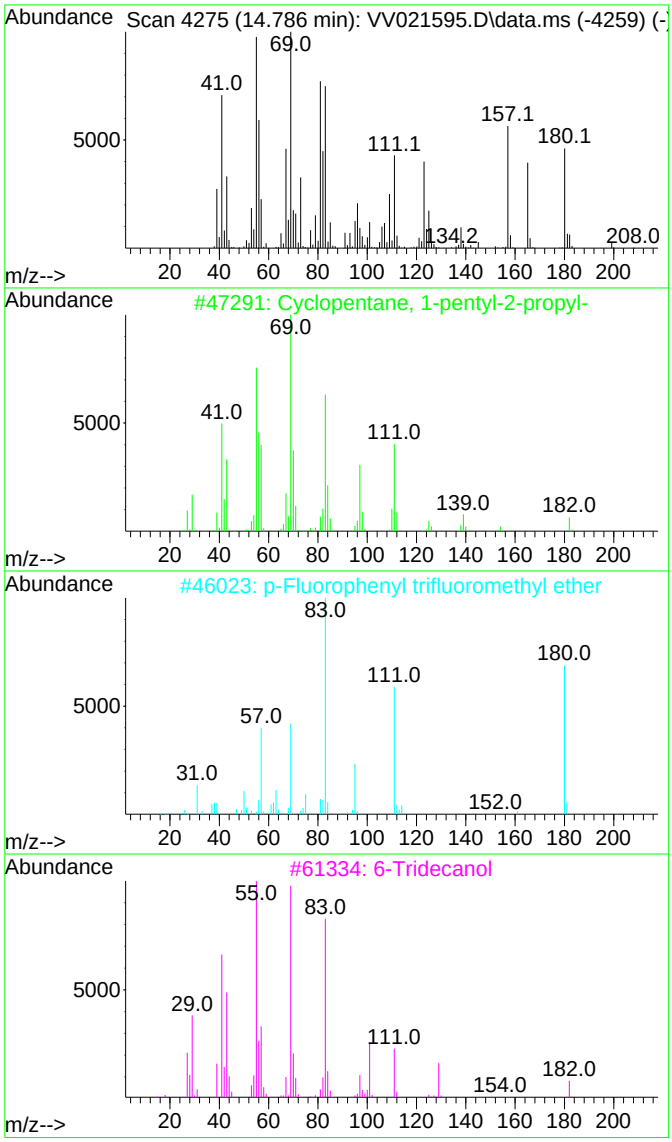
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

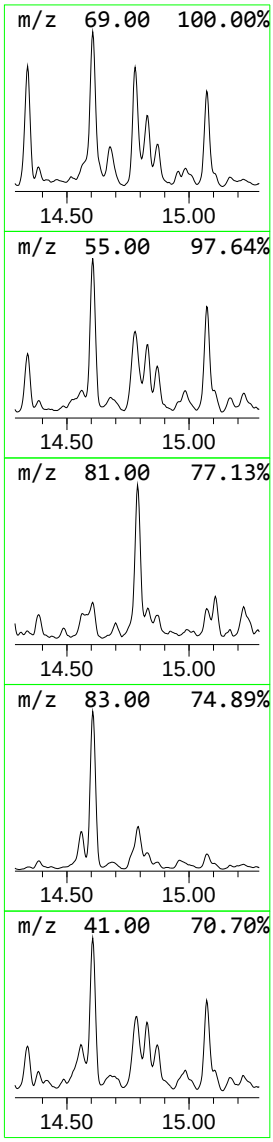
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Cyclic14.786 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	4.52 ug/L	951465	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	27
2	p-Fluorophenyl trifluoromethyl e...	180	C7H4F4O	000352-67-0	25
3	6-Tridecanol	200	C13H28O	005770-03-6	22
4	Cyclohexene, 3-heptyl-	180	C13H24	015232-93-6	15
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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

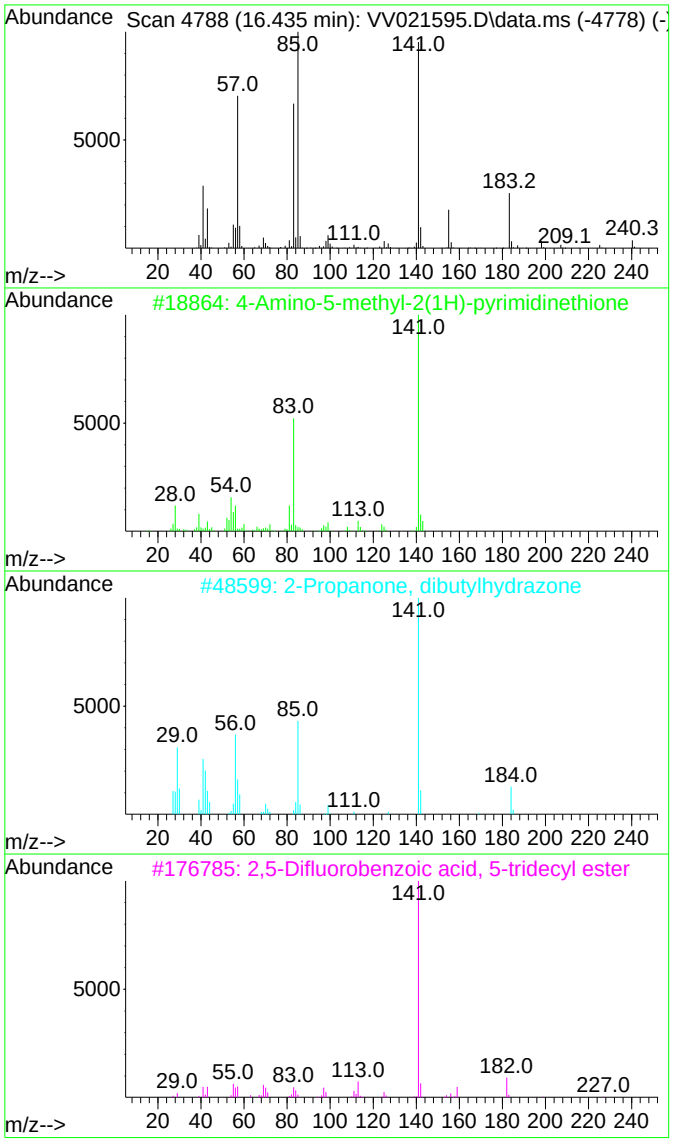
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

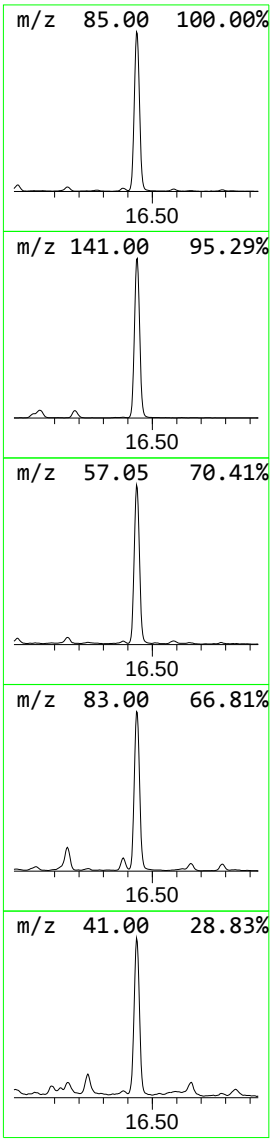
****

Peak Number 52 unknown-10 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.435	8.23 ug/L	1730960	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-5-methyl-2(1H)-pyrimidin...	141	C5H7N3S	007390-56-9	38
2	2-Propanone, dibutylhydrazone	184	C11H24N2	067660-52-0	32
3	2,5-Difluorobenzoic acid, 5-trid...	340	C20H30F2O2	1000338-47-6	27
4	2,4-Heptanedione, 6-methyl-	142	C8H14O2	003002-23-1	22
5	2,4-Heptanedione, 6-methyl-	142	C8H14O2	003002-23-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021595.D
Acq On : 02 Jul 2021 13:50
Operator : SY/MD
Sample : M2914-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK31

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
Aminomethanesul...	1.378	13.9	ug/L	291698	1	5.619	1049460	50.0
2-Propanol, 2-m...	2.629	8.7	ug/L	183305	1	5.619	1049460	50.0
Propanal, 2-met...	2.950	53.5	ug/L	1123770	1	5.619	1049460	50.0
Butanal	3.690	395.7	ug/L	8306300	1	5.619	1049460	50.0
2-Pentanone	5.522	9.3	ug/L	194956	1	5.619	1049460	50.0
unknown-01	9.326	5.9	ug/L	449754	2	8.854	3827470	50.0
4-Heptanone	9.381	10.9	ug/L	834531	2	8.854	3827470	50.0
Benzene, propyl-	10.355	6.4	ug/L	1346170	3	11.252	10513700	50.0
Benzene, 1-ethy...	10.448	28.8	ug/L	6054670	3	11.252	10513700	50.0
4-Heptanone, 2,...	10.696	8.5	ug/L	1779610	3	11.252	10513700	50.0
Benzene, 1-ethy...	10.738	8.1	ug/L	1701020	3	11.252	10513700	50.0
unknown-02	11.185	9.4	ug/L	1980810	3	11.252	10513700	50.0
2,2-Dimethyl-1,...	11.500	17.5	ug/L	3688550	3	11.252	10513700	50.0
3-Hexen-1-ol, 2...	11.702	13.3	ug/L	2786140	3	11.252	10513700	50.0
Benzene, 1-meth...	11.818	11.1	ug/L	2332520	3	11.252	10513700	50.0
Cyclohexanone, ...	11.927	141.2	ug/L	29685500	3	11.252	10513700	50.0
Benzene, 2-ethy...	12.021	10.1	ug/L	2124000	3	11.252	10513700	50.0
3-Nonanol	12.181	10.9	ug/L	2296040	3	11.252	10513700	50.0
unknown-03	12.284	15.9	ug/L	3335600	3	11.252	10513700	50.0
unknown-04	12.400	10.8	ug/L	2264970	3	11.252	10513700	50.0
1-Oxa-4-azaspir...	12.464	38.5	ug/L	8101940	3	11.252	10513700	50.0
unknown-05	12.558	36.0	ug/L	7570860	3	11.252	10513700	50.0
(DEL) Alkane: S...	12.779	11.2	ug/L	2361900	3	11.252	10513700	50.0
Cyclohexanol, 1...	12.847	42.7	ug/L	8970190	3	11.252	10513700	50.0
(DEL) Alkane: C...	13.117	7.7	ug/L	1628100	3	11.252	10513700	50.0
(DEL) Alkane: C...	13.188	20.2	ug/L	4256830	3	11.252	10513700	50.0
unknown-06	13.275	8.9	ug/L	1869690	3	11.252	10513700	50.0
2,4-Dipropyl-5-...	13.419	60.1	ug/L	12637900	3	11.252	10513700	50.0
Azulene	13.503	13.7	ug/L	2883990	3	11.252	10513700	50.0
unknown-07	13.593	8.4	ug/L	1758020	3	11.252	10513700	50.0
unknown-08	13.808	14.7	ug/L	3094520	3	11.252	10513700	50.0
unknown-09	14.027	15.1	ug/L	3170950	3	11.252	10513700	50.0
(DEL) Alkane: C...	14.197	16.0	ug/L	3372260	3	11.252	10513700	50.0
(DEL) Alkane: C...	14.786	4.5	ug/L	951465	3	11.252	10513700	50.0
unknown-10	16.435	8.2	ug/L	1730960	3	11.252	10513700	50.0