LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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: VV021594.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	rBV3	259871	319723	0.83%	0.153%
2	1.561	154	162	177	rVB	144407	173848	0.45%	0.083%
3	2.101	316	330	339	rVV2	380968	813440	2.12%	0.389%
4	2.156	339	347	370	rVB	528257	810664	2.11%	0.387%
5	2.272	373	383	407	rVB	131232	233478	0.61%	0.112%
6	2.947	573	593	619	rBV	528635	1088742	2.84%	0.520%
7	3.188	655	668	687	rVV	132082	282317	0.74%	0.135%
8	3.690	808	824	870	rBV	2720719	6446087	16.80%	3.080%
9	3.873	870	881	907	rBV	152206	456189	1.19%	0.218%
10	4.349	1011	1029	1062	rBV	260888	653431	1.70%	0.312%
11	5.047	1226	1246	1255	rBV2	626573	1558040	4.06%	0.744%
12	5.098	1256	1262	1289	rVB	465133	999068	2.60%	0.477%
13	5.619	1411	1424	1457	rVB	497921	1011535	2.64%	0.483%
14	6.072	1550	1565	1579	rBV	347072	712301	1.86%	0.340%
15	6.179	1589	1598	1613	rVB2	111837	212520	0.55%	0.102%
16	6.989	1837	1850	1868	rBV	207466	377195	0.98%	0.180%
17	7.227	1911	1924	1941	rBV	1225283	2143642	5.59%	1.024%
18	7.317	1942	1952	1962	rVV	760514	1330814	3.47%	0.636%
19	7.387	1962	1974	1991	rVV	1260249	2327844	6.07%	1.112%
20	7.622	2037	2047	2060	rBV	143558	248243	0.65%	0.119%
21	8.005	2153	2166	2176	rBV	155879	256219	0.67%	0.122%
22	8.082	2176	2190	2204	rBV	8107709	13697636	35.71%	6.544%
23	8.828	2406	2422	2425	rBV	971571	1514165	3.95%	0.723%
24	9.014	2469	2480	2489	rBV	529833	852394	2.22%	0.407%
25	9.063	2489	2495	2504	rVV	193858	299224	0.78%	0.143%
26	9.140	2504	2519	2533	rVV2	1883559	3770482	9.83%	1.801%
27	9.243	2543	2551	2566	rVB	305662	487726	1.27%	0.233%
28	9.326	2566	2577	2585	rBV3	176013	288164	0.75%	0.138%
29	9.381	2585	2594	2613	rVB	846176	1324835	3.45%	0.633%
30	9.545	2634	2645	2654	rBV	925500	1430357	3.73%	0.683%
31	9.596	2654	2661	2677	rVB	447677	673344	1.76%	0.322%
32	9.686	2678	2689	2691	rBV	194552	270774	0.71%	0.129%
33	9.934	2754	2766	2781	rVB	270674	426819	1.11%	0.204%
34	10.079	2801	2811	2822	rBV4	93807	175234	0.46%	0.084%
35	10.172	2822	2840	2849	rBV	4237860	7169188	18.69%	3.425%
36	10.217	2849	2854	2865	rVB	565369	824306	2.15%	0.394%

LSC Area Percent Report

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Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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	10.278	2865	2873	2882	rVB	241625	348334	0.91%	0.166%
38	10.355	2882	2897	2907	rBV	493250	877157	2.29%	0.419%
39	10.448	2908	2926	2932	rBV2	1329412	2531605	6.60%	1.210%
40	10.555	2942	2959	2971	rVB2	1547720	3616058	9.43%	1.728%
41	10.696	2990	3003	3011	rBV	7944188	11982534	31.23%	5.725%
42	10.738	3011	3016	3040	rVB	1409018	2230906	5.82%	1.066%
43	10.847	3042	3050	3061	rBV5	68559	163166	0.43%	0.078%
44	10.918	3061	3072	3086	rVB	3047688	4542223	11.84%	2.170%
45	11.021	3086	3104	3118	rBV	3003781	4907390	12.79%	2.345%
46	11.088	3118	3125	3135	rVB3	283036	442989	1.15%	0.212%
47	11.182	3144	3154	3161	rBV2	744005	1325428	3.46%	0.633%
48	11.249	3169	3175	3183	rVB3	1081900	1639334	4.27%	0.783%
49	11.313	3183	3195	3215	rVB	22554849	38362587	100.00%	18.329%
50	11.410	3215	3225	3229	rBV	181603	294110	0.77%	0.141%
51	11.442	3229	3235	3244	rVB3	349198	510055	1.33%	0.244%
52	11.500	3244	3253	3259	rBV	1586099	2435215	6.35%	1.163%
53	11.628	3284	3293	3306	rBV5	1033154	2010512	5.24%	0.961%
54	11.699	3306	3315	3325	rVB	1203632	1875030	4.89%	0.896%
55	11.747	3325	3330	3338	rBV3	169202	220410	0.57%	0.105%
56	11.825	3339	3354	3372	rBV3	1006783	2027837	5.29%	0.969%
57	11.921	3372	3384	3395	rBV	10004776	16698442	43.53%	7.978%
58	12.021	3407	3415	3431	rVB2	822728	1500416	3.91%	0.717%
59	12.114	3431	3444	3456	rBV6	345338	854431	2.23%	0.408%
60	12.181	3457	3465	3471	rBV2	606203	1064121	2.77%	0.508%
61	12.284	3483	3497	3518	rVB4	1111496	2994989	7.81%	1.431%
62	12.397	3519	3532	3543	rBV5	554797	1323311	3.45%	0.632%
63	12.464	3543	3553	3567	rVB2	3200018	5126766	13.36%	2.449%
64	12.554	3568	3581	3597	rBV	2551881	4323739	11.27%	2.066%
65	12.625	3598	3603	3611	rVB4	125631	155766	0.41%	0.074%
66	12.686	3614	3622	3628	rBV4	245334	420184	1.10%	0.201%
67	12.780	3642	3651	3661	rBV3	1083680	1809230	4.72%	0.864%
68	12.844	3661	3671	3678	rVV5	908440	1746504	4.55%	0.834%
69	12.886	3679	3684	3693	rVV3	490280	867133	2.26%	0.414%
70	12.937	3693	3700	3708	rVV	551430	827301	2.16%	0.395%
71	12.985	3709	3715	3723	rVB	217548	293401	0.76%	0.140%
72	13.046	3725	3734	3745	rVB3	248957	440388	1.15%	0.210%
73	13.117	3745	3756	3764	rBV3	683440	1164914	3.04%	0.557%
74	13.188	3765	3778	3792	rVV2	1522309	2904913	7.57%	1.388%
75	13.271	3792	3804	3815	rVB3	723155	1298074	3.38%	0.620%
76	13.384	3829	3839	3841	rBV2	832189	1047122	2.73%	0.500%

LSC Area Percent Report

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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : DBK27

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	13.419	3841	3850	3861	rVB	4006350	6858947	17.88%	3.277%
78	13.503	3869	3876	3885	rVB	745217	1045291	2.72%	0.499%
79	13.593	3896	3904	3908	rBV5	302342	472671	1.23%	0.226%
80	13.751	3945	3953	3962	rBV4	315456	533012	1.39%	0.255%
81	13.808	3962	3971	3987	rVV3	1431956	2908026	7.58%	1.389%
82	13.882	3987	3994	4010	rVB	438983	768344	2.00%	0.367%
83	13.969	4011	4021	4029	rBV6	262270	471062	1.23%	0.225%
84	14.027	4029	4039	4047	rBV	1729877	2502360	6.52%	1.196%
85	14.072	4047	4053	4061	rBV4	151938	204803	0.53%	0.098%
86	14.197	4082	4092	4108	rBV	1583709	2393425	6.24%	1.144%
87	14.339	4128	4136	4143	rVB	199597	276555	0.72%	0.132%
88	14.558	4198	4204	4210	rBV5	130056	173000	0.45%	0.083%
89	14.606	4211	4219	4225	rBV	706343	1019799	2.66%	0.487%
90	14.783	4258	4274	4278	rBV6	305828	601620	1.57%	0.287%
91	14.821	4279	4286	4296	rVB2	523717	936105	2.44%	0.447%
92	15.072	4354	4364	4371	rBV	254990	421018	1.10%	0.201%
93	15.516	4495	4502	4511	rVB4	284758	442838	1.15%	0.212%
94	15.615	4527	4533	4544	rVB8	100580	181029	0.47%	0.086%
95	15.805	4581	4592	4602	rBV4	281844	528389	1.38%	0.252%
96	15.918	4619	4627	4646	rVB5	95127	231839	0.60%	0.111%
97	16.252	4719	4731	4750	rVB6	151078	318321	0.83%	0.152%
98	16.435	4778	4788	4809	rVB	523251	797345	2.08%	0.381%
99	16.840	4904	4914	4929	rVB6	78968	156705	0.41%	0.075%
100	17.098	4984	4994	5006	rBV2	104135	194697	0.51%	0.093%

Sum of corrected areas: 209301214

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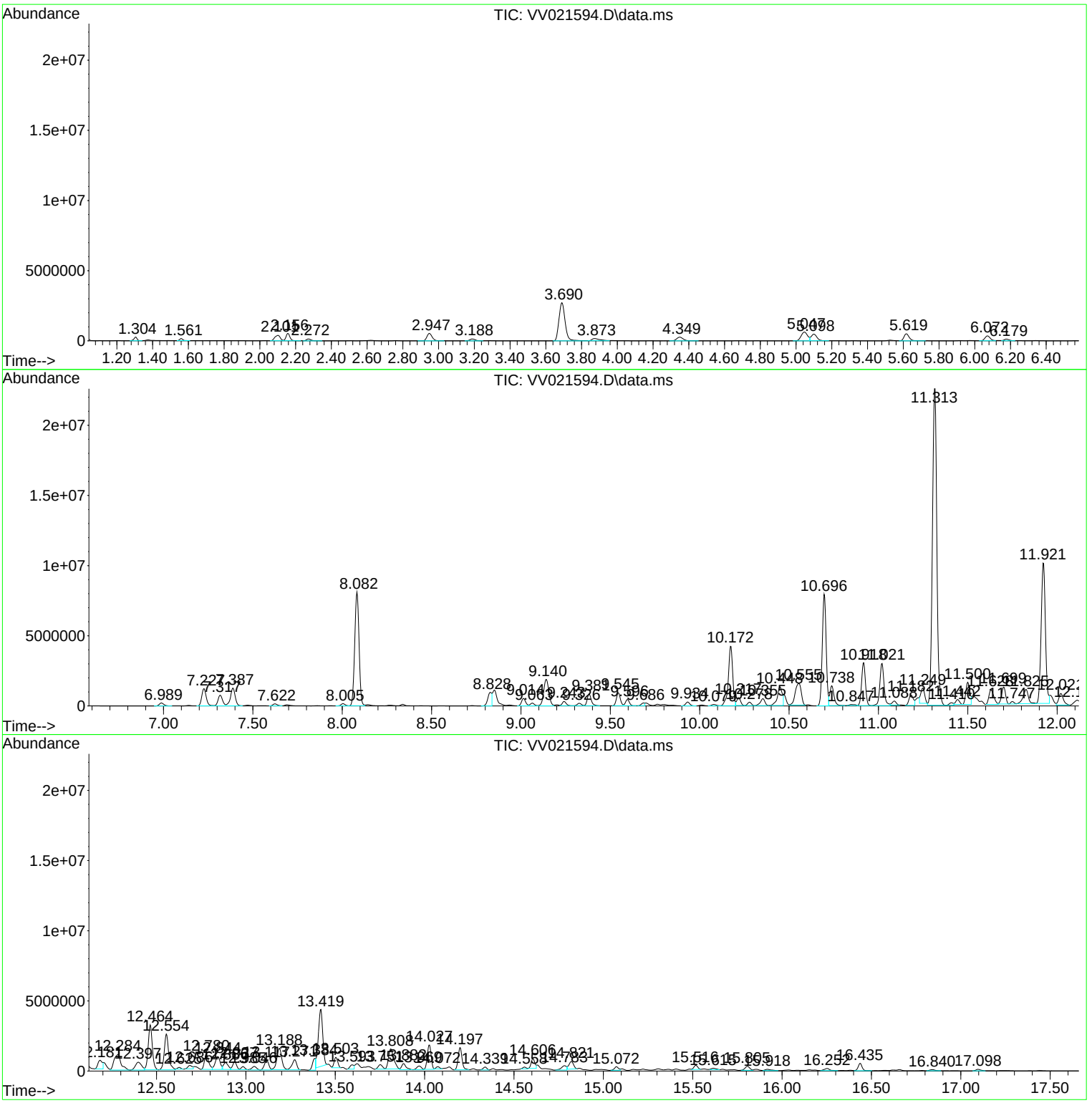
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK27

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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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

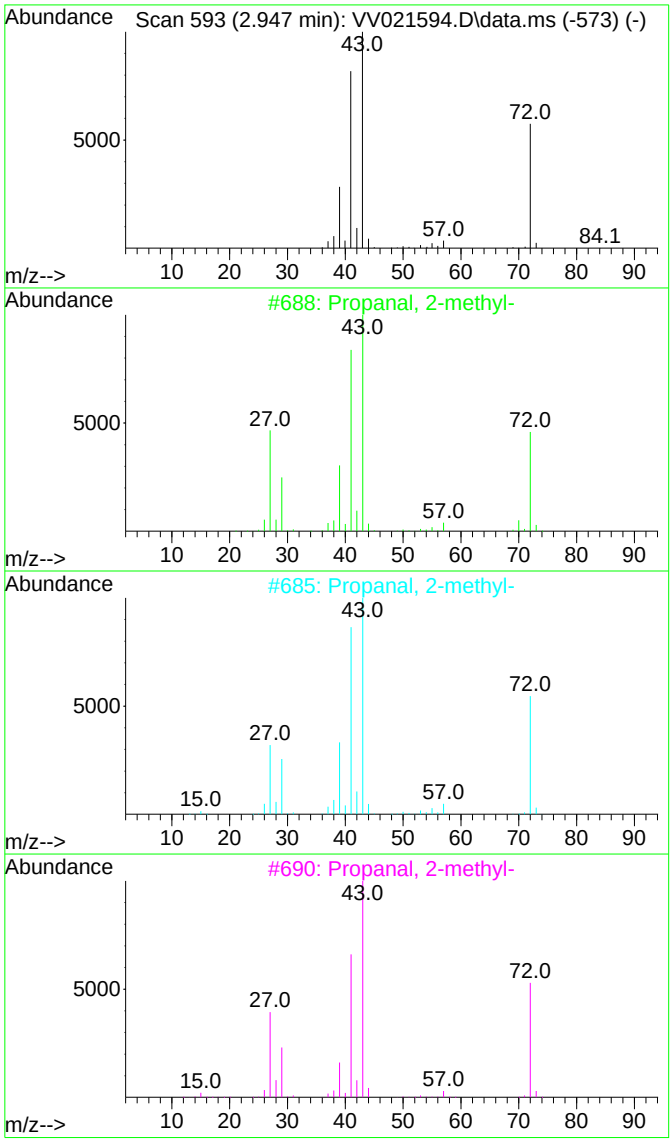
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

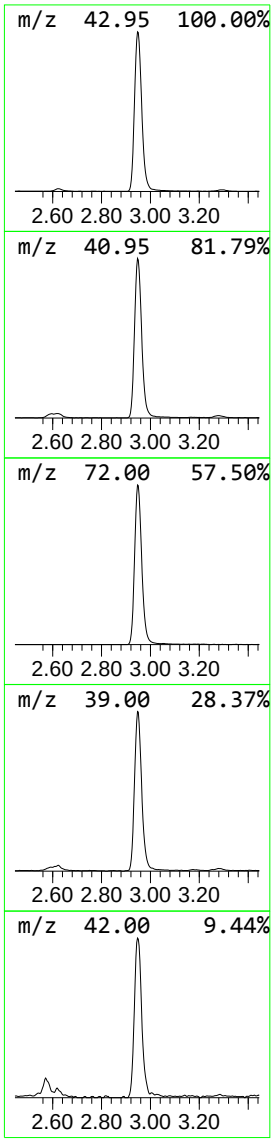
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propanal, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.947	53.82 ug/L	1088740	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	91
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	90
4	Isobutylene epoxide	72	C4H8O	000558-30-5	64
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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

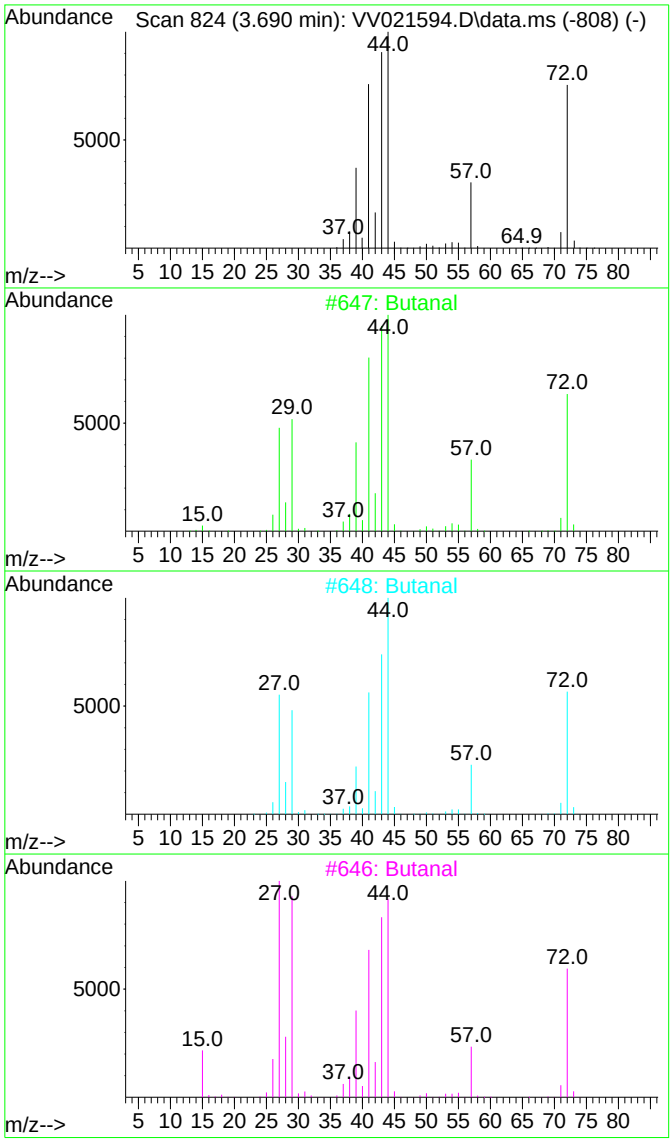
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

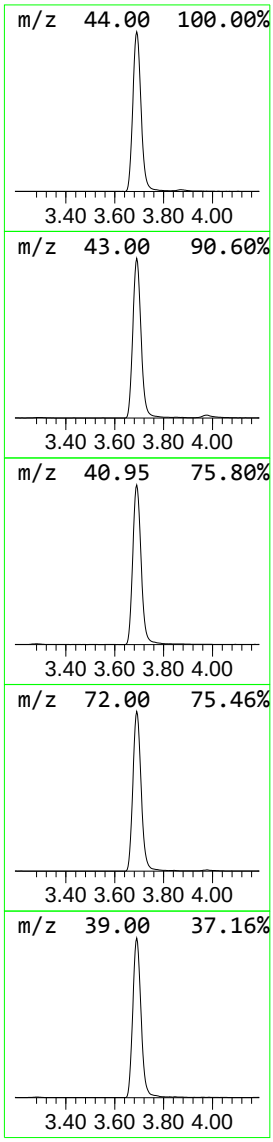
****

Peak Number 3 Butanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.690	318.63 ug/L	6446090	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	91
4	Butanal	72	C4H8O	000123-72-8	91
5	Ethene, ethoxy-	72	C4H8O	000109-92-2	72





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Instrument : MSVOA_V
ClientSampleId : DBK27

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

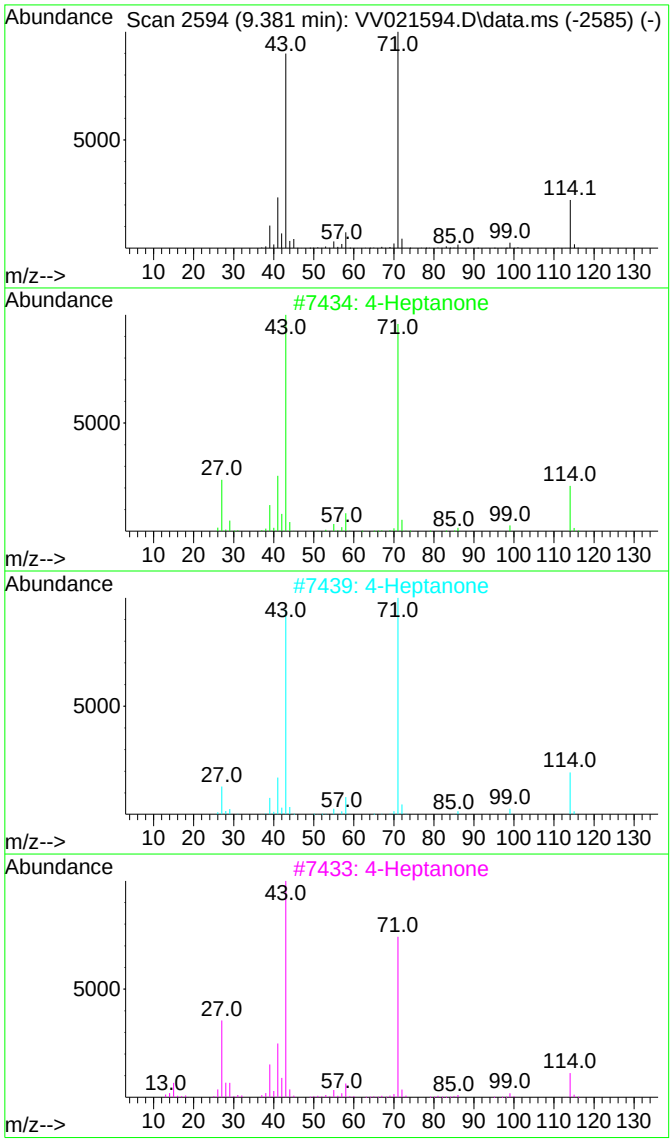
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

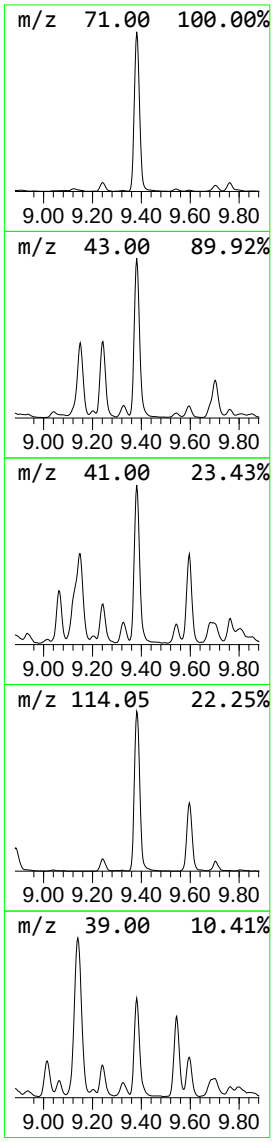
****

Peak Number 8 4-Heptanone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	43.75 ug/L	1324840	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	91
3	4-Heptanone	114	C7H14O	000123-19-3	78
4	4-Heptanone	114	C7H14O	000123-19-3	72
5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	72





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Instrument : MSVOA_V
ClientSampleId : DBK27

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

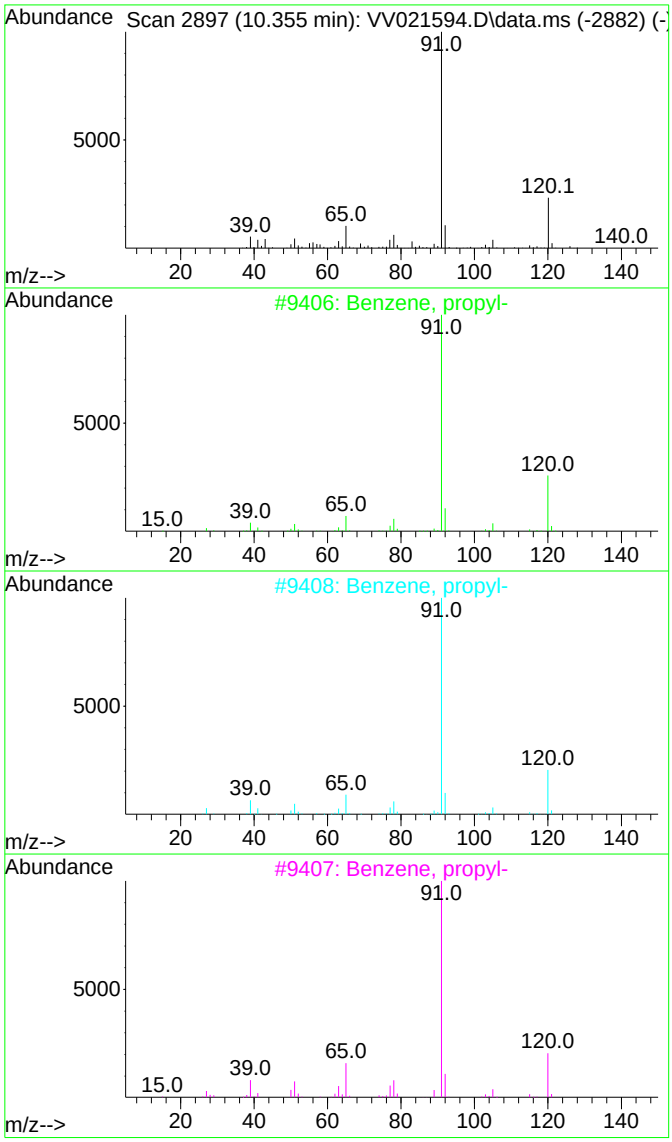
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

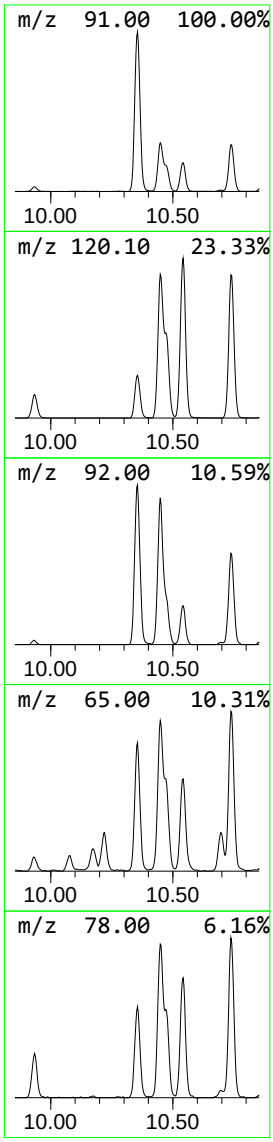
****

Peak Number 13 Benzene, propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.355	26.75 ug/L	877157	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	86
4	n-Butylbenzylamine	163	C11H17N	002403-22-7	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





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Data File : VV021594.D
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Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

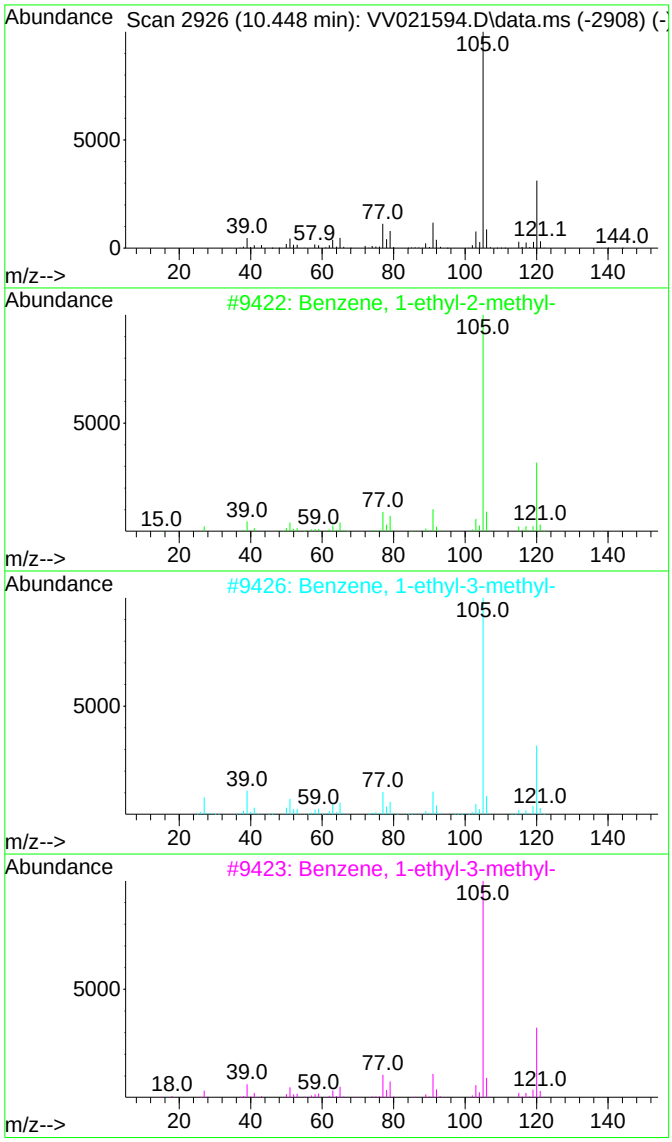
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

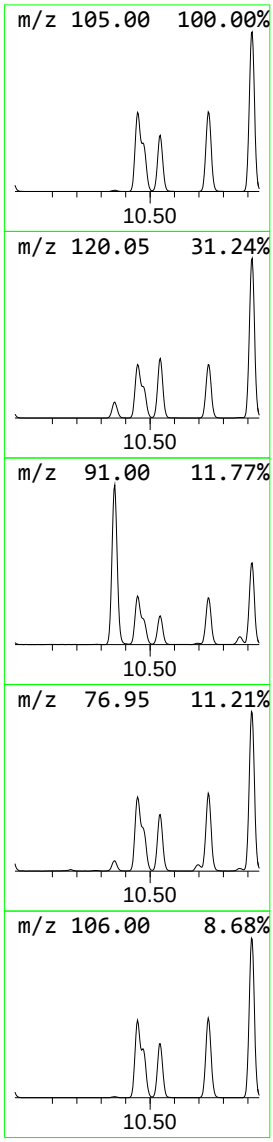
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	77.21 ug/L	2531610	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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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

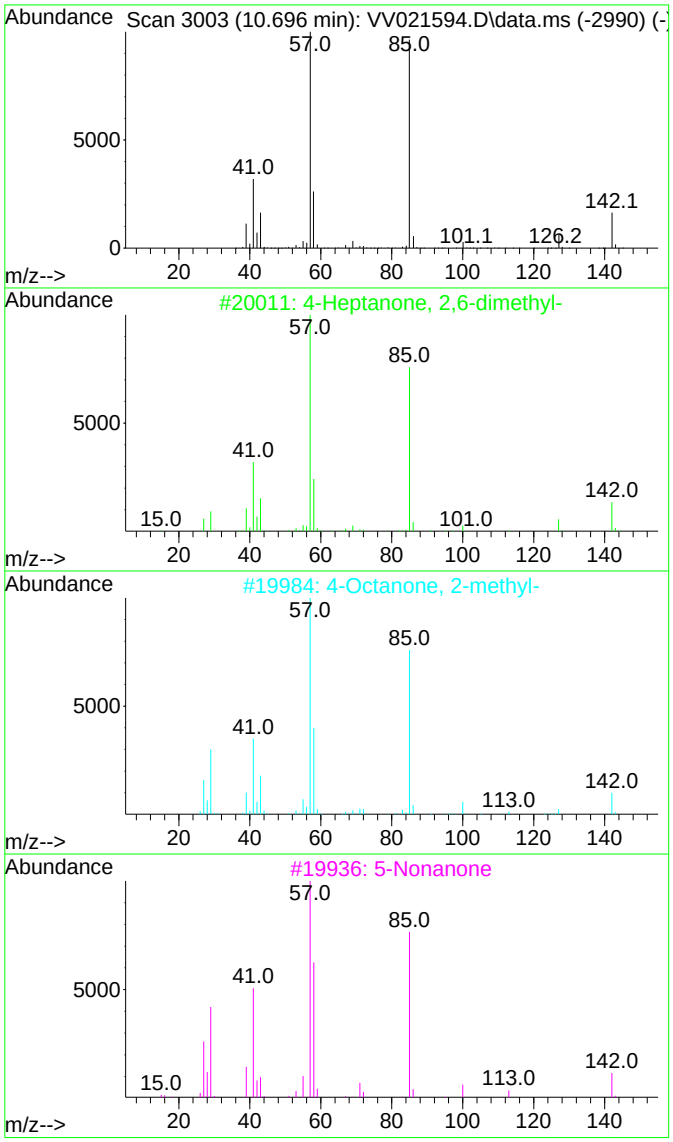
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

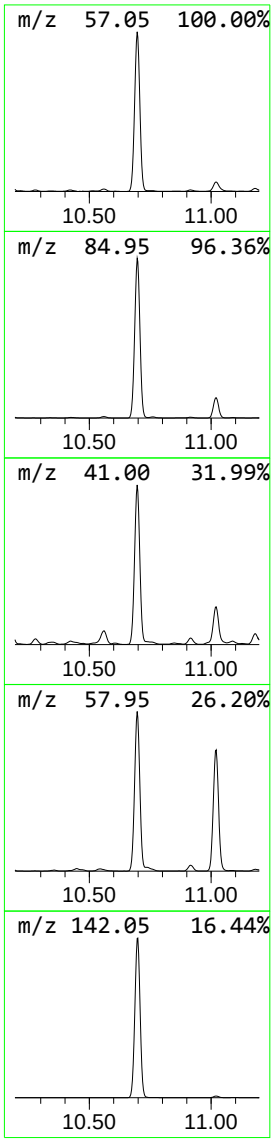
****

Peak Number 15 4-Heptanone, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.696	365.47 ug/L	11982500	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	94
2	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
3	5-Nonanone	142	C9H18O	000502-56-7	59
4	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	59
5	5-Nonanone	142	C9H18O	000502-56-7	59





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Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

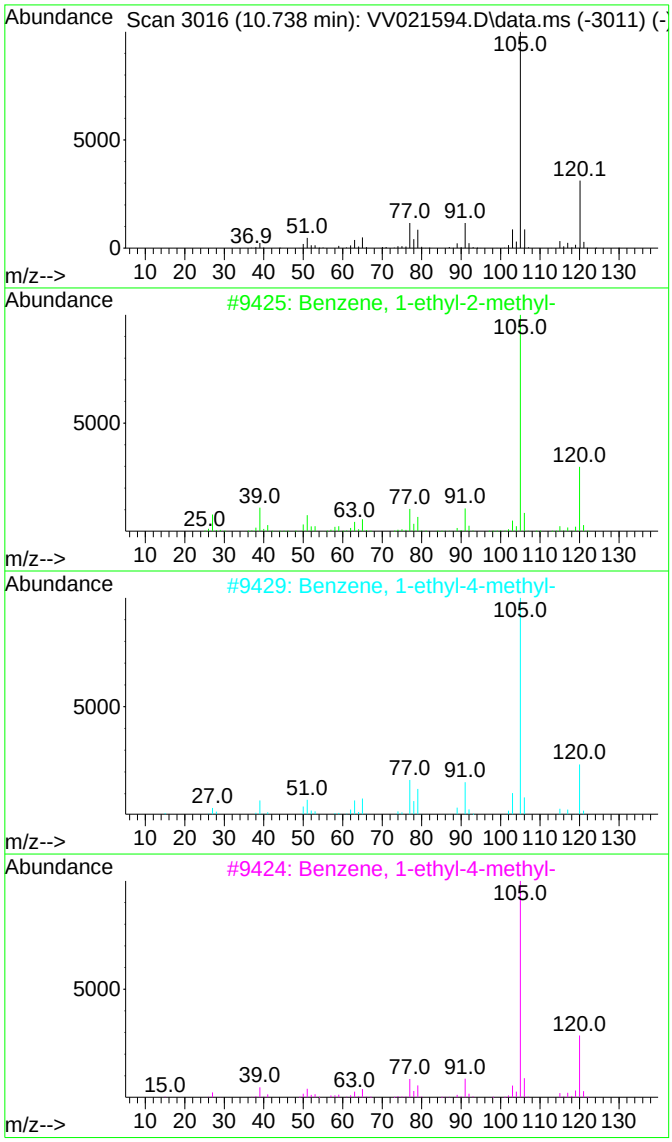
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

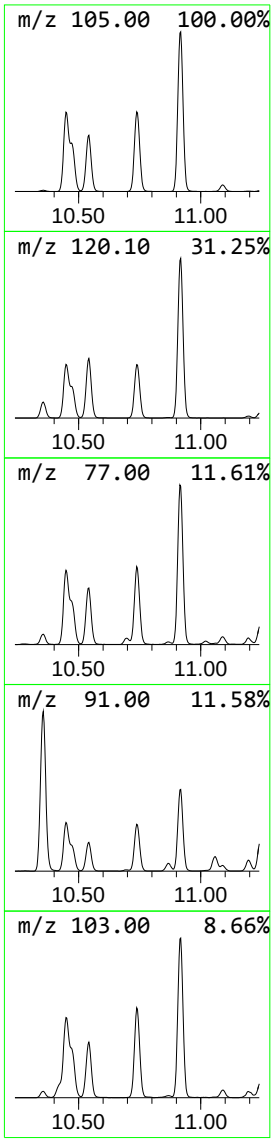
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	68.04 ug/L	2230910	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	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

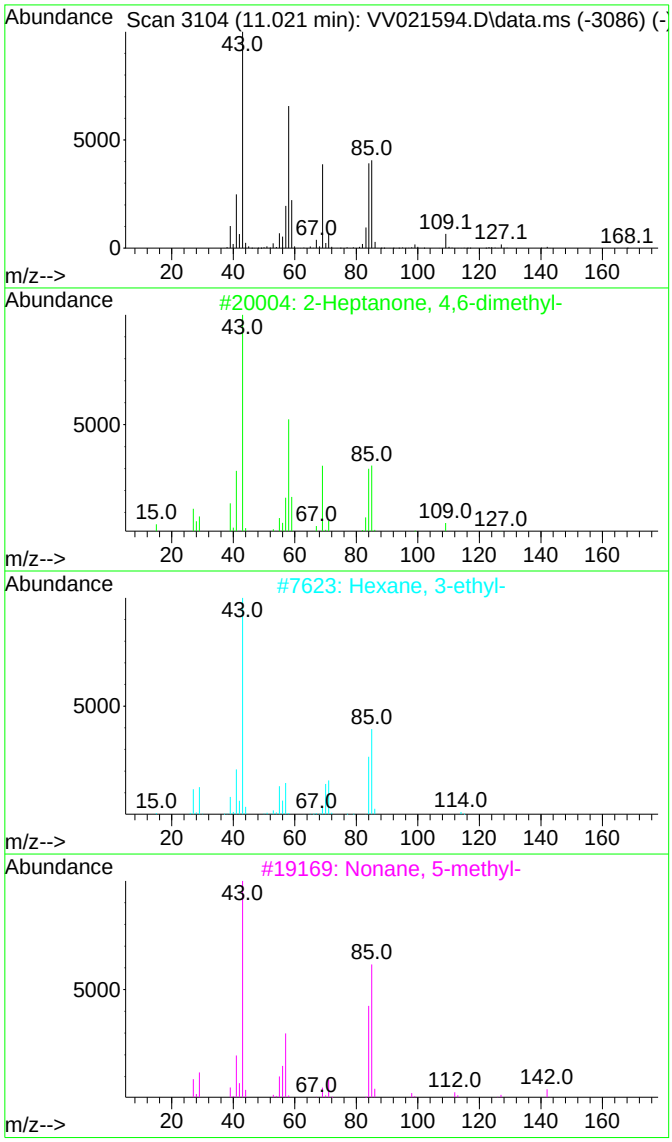
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

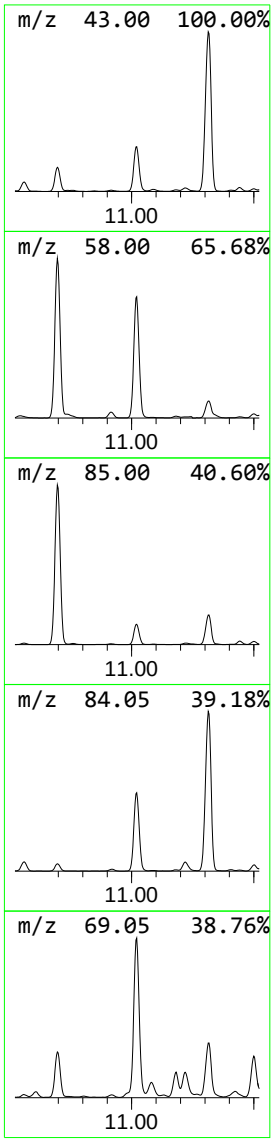
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2-Heptanone, 4,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.021	149.68 ug/L	4907390	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
3	Nonane, 5-methyl-	142	C10H22	015869-85-9	32
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	30
5	Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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

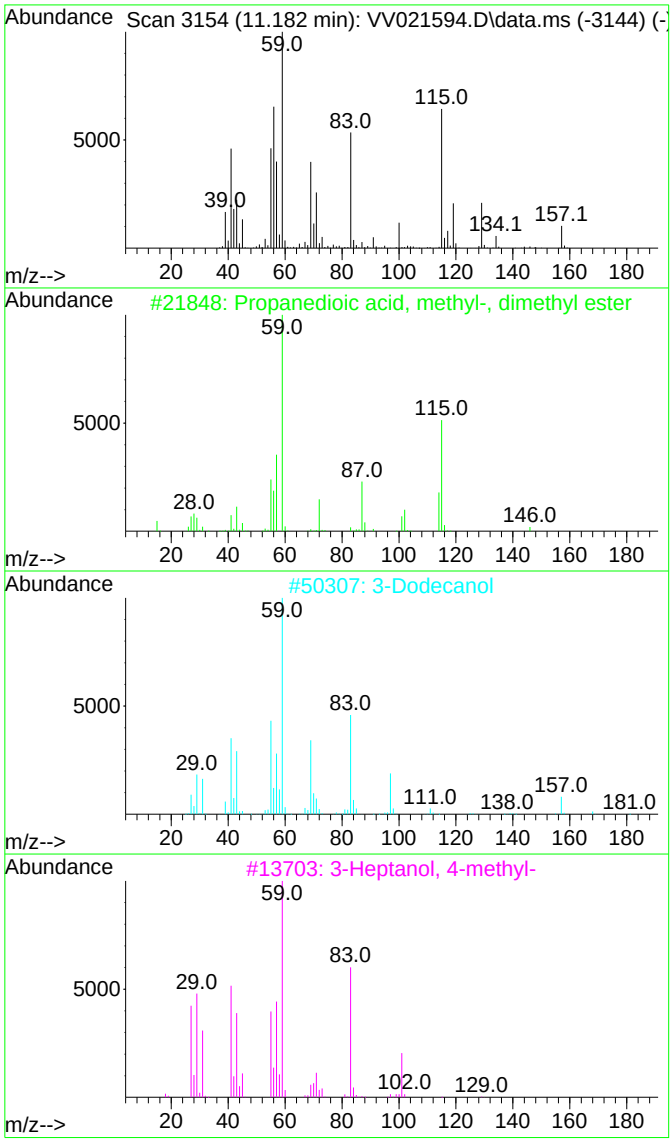
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

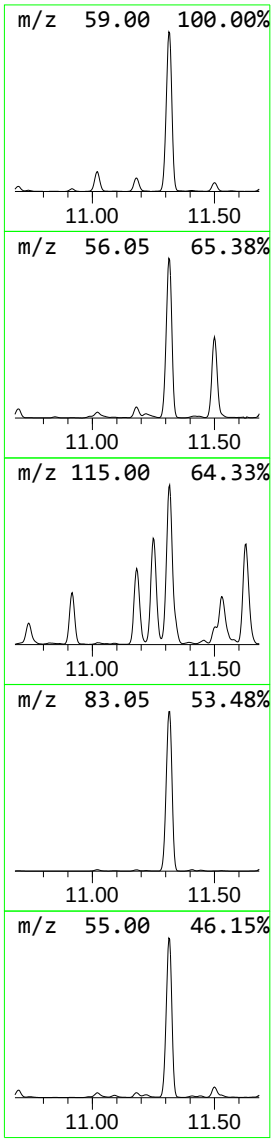
****

Peak Number 20 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.182	40.43 ug/L	1325430	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, methyl-, dime...	146	C6H10O4	000609-02-9	38
2	3-Dodecanol	186	C12H26O	010203-30-2	32
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	32
4	Hexane, 1-ethoxy-	130	C8H18O	005756-43-4	27
5	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	25





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

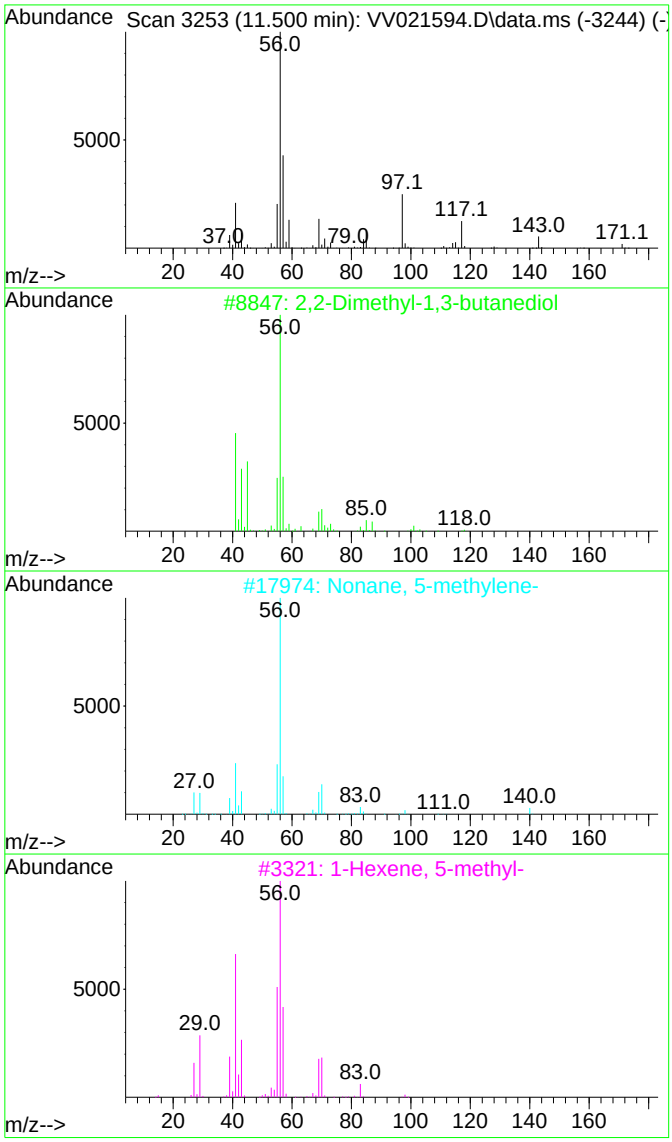
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

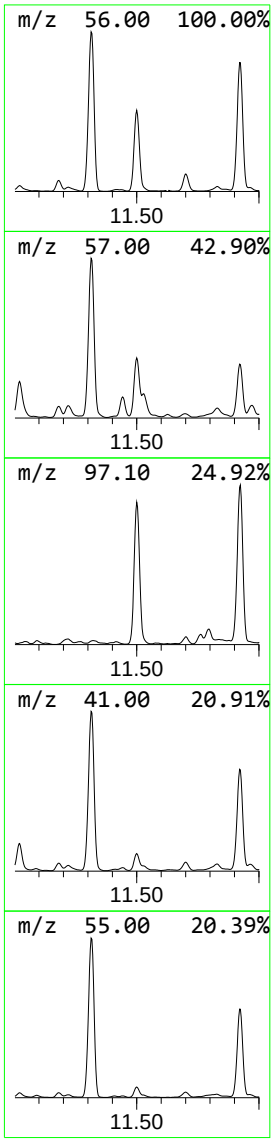
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,2-Dimethyl-1,3-butanediol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.500	74.27 ug/L	2435220	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	Nonane, 5-methylene-	140	C10H20	006795-79-5	33
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	9
4	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	9
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	9





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Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

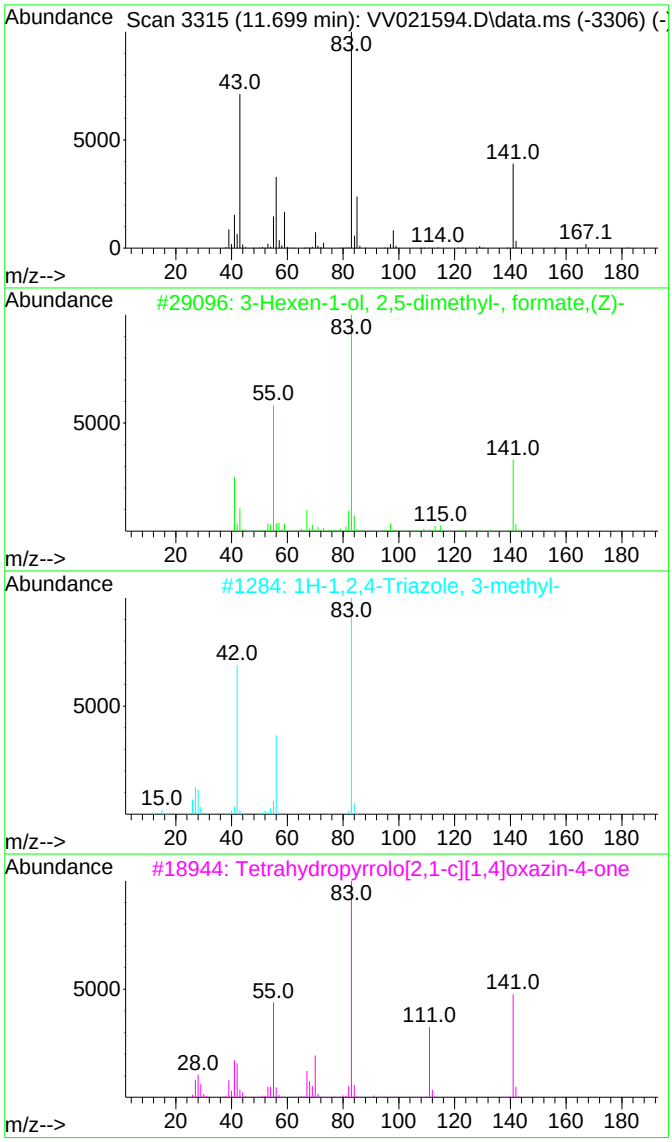
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

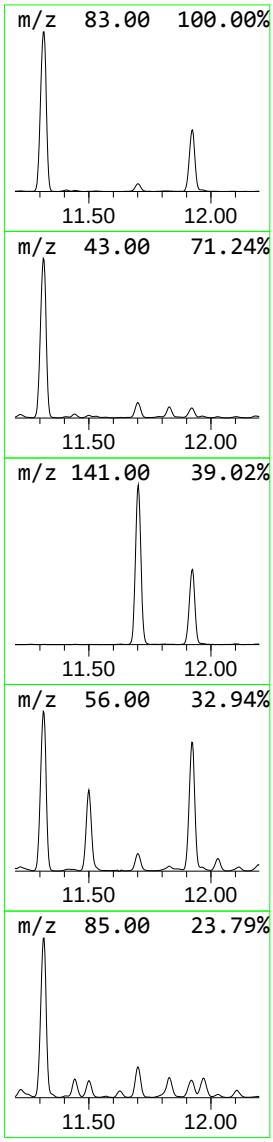
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 3-Hexen-1-ol, 2,5-dimethyl-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.699	57.19 ug/L	1875030	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	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	37
3	Tetrahydropyrrolo[2,1-c][1,4]oxa...	141	C7H11NO2	101250-37-7	36
4	2,4-Dimethylpentan-3-yl (E)-2-me...	198	C12H22O2	1000373-75-5	23
5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	23





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Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

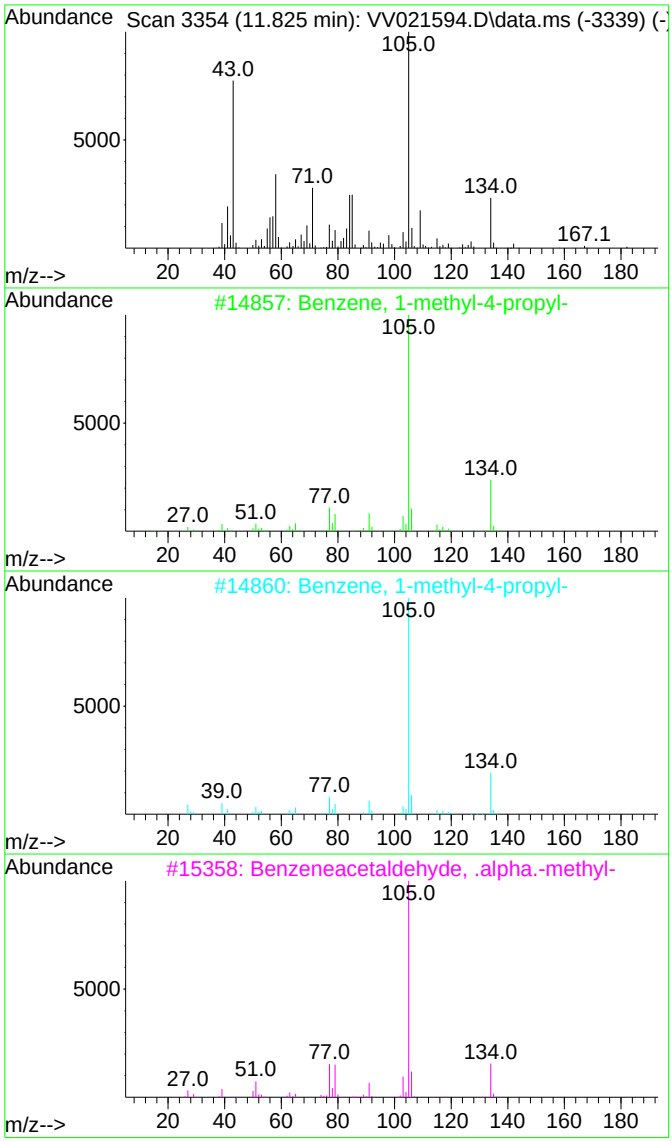
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

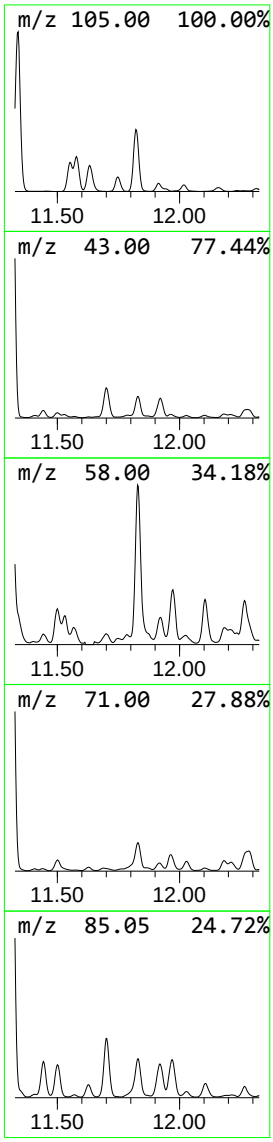
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.825	61.85 ug/L	2027840	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	70
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

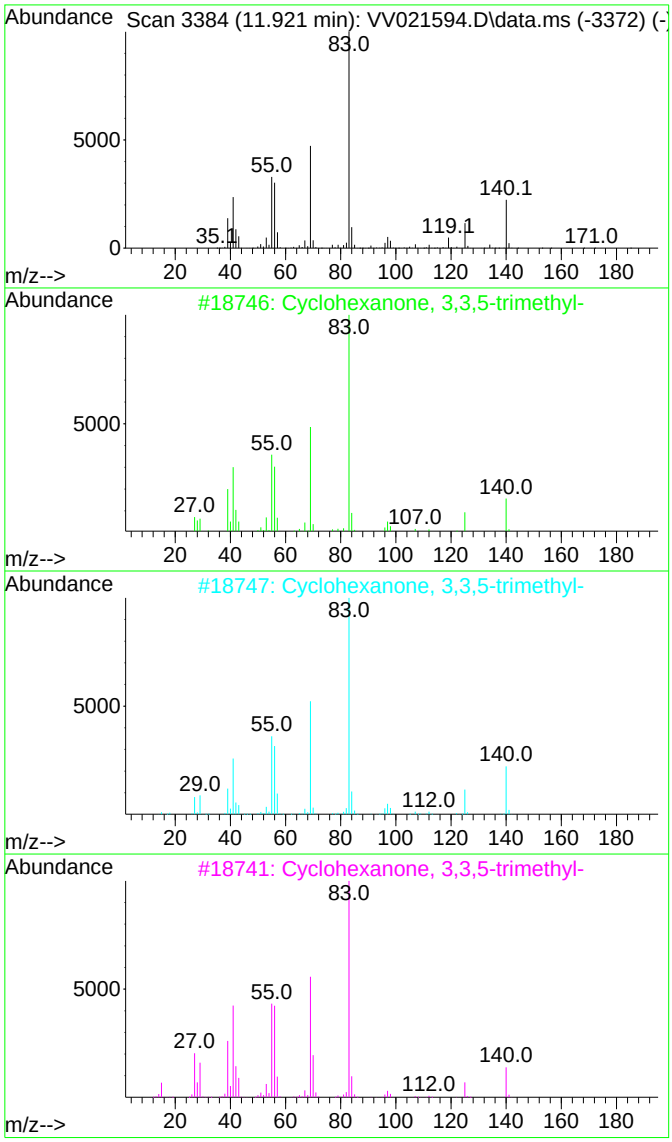
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

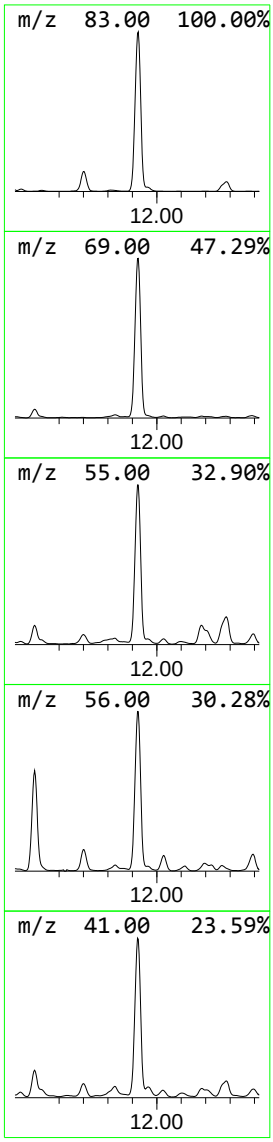
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	509.31 ug/L	16698400	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	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	50





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Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

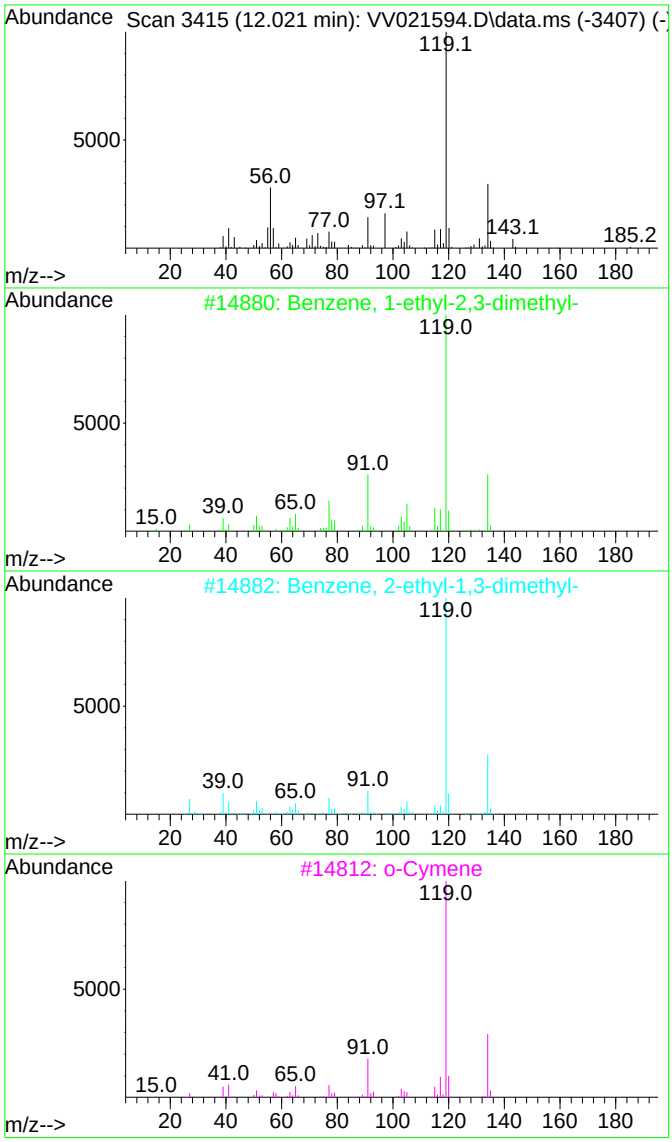
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

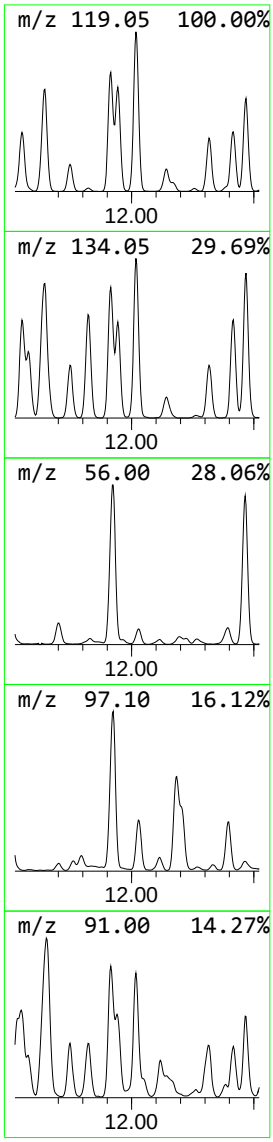
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	45.76 ug/L	1500420	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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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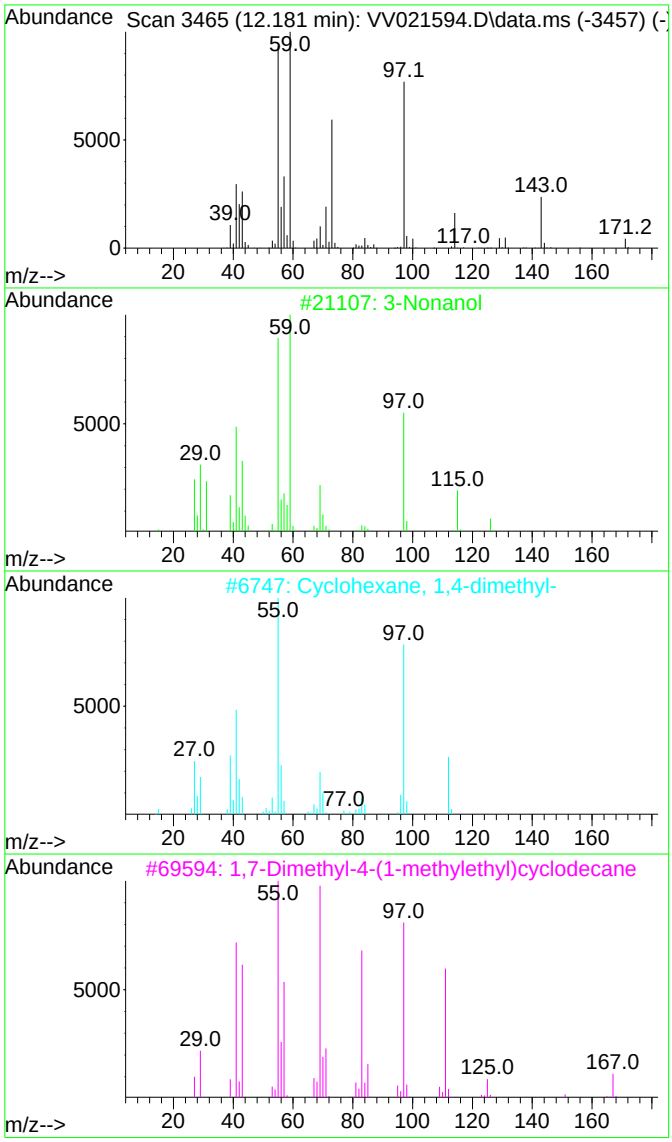
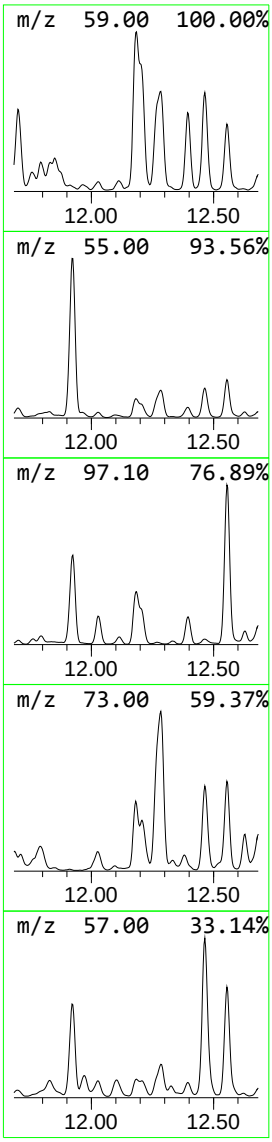
Peak Number 30 3-Nonanol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.182	32.46 ug/L	1064120	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	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	32
3	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	32
4	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	27
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	25





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Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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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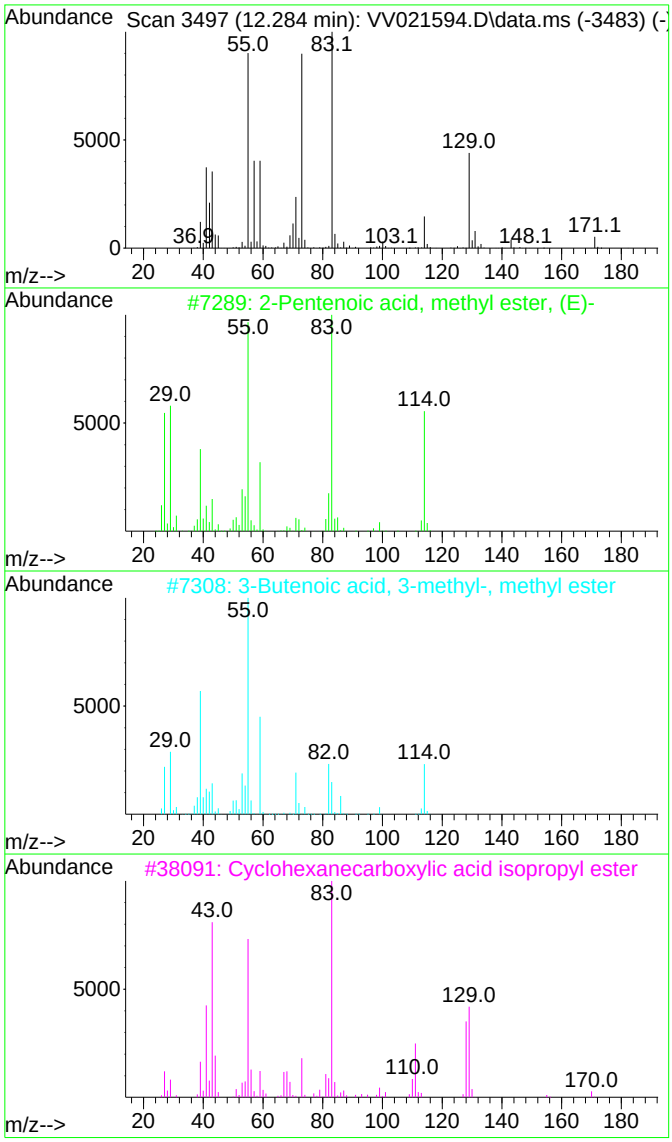
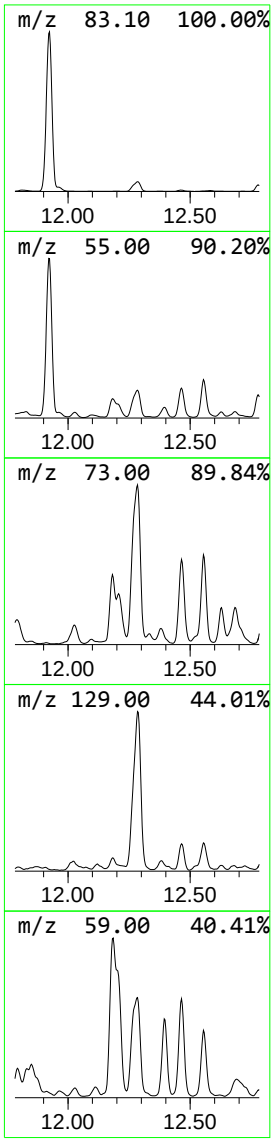
Peak Number 31 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.284	91.35 ug/L	2994990	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	3-Butenoic acid, 3-methyl-, meth...	114	C6H10O2	025859-52-3	30
3	Cyclohexanecarboxylic acid isopr...	170	C10H18O2	006553-80-6	28
4	Oxalic acid, cyclohexyl propyl e...	214	C11H18O4	1000309-30-3	27
5	1,3-Oxathiane, 5-isopropyl-2-met...	160	C8H16OS	1000139-33-0	25





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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

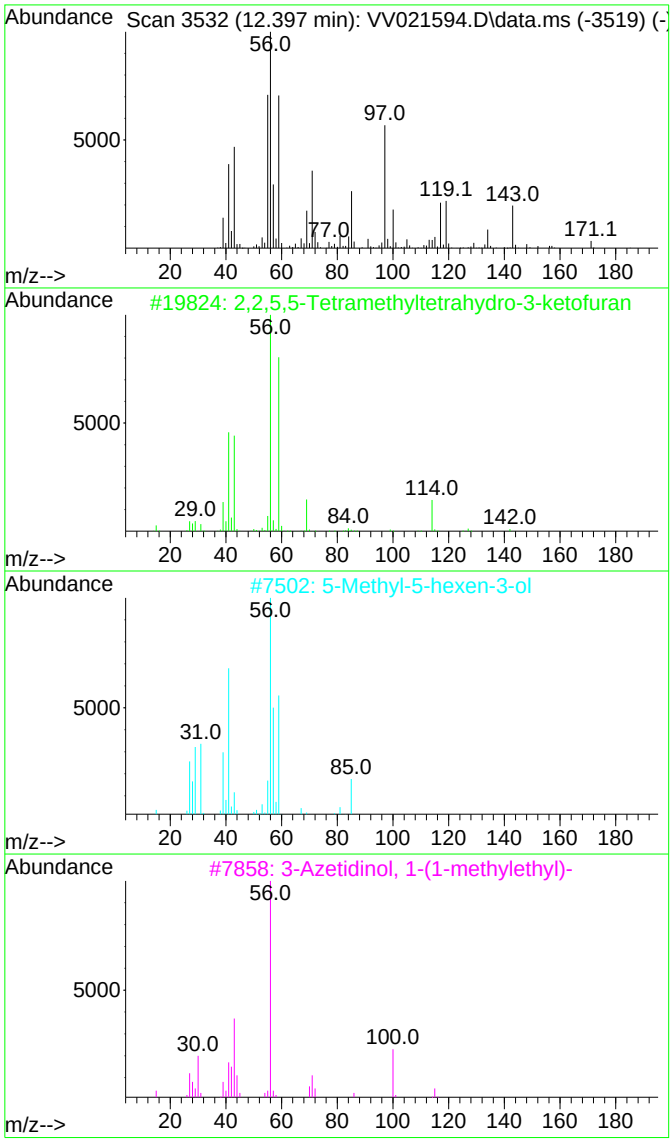
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

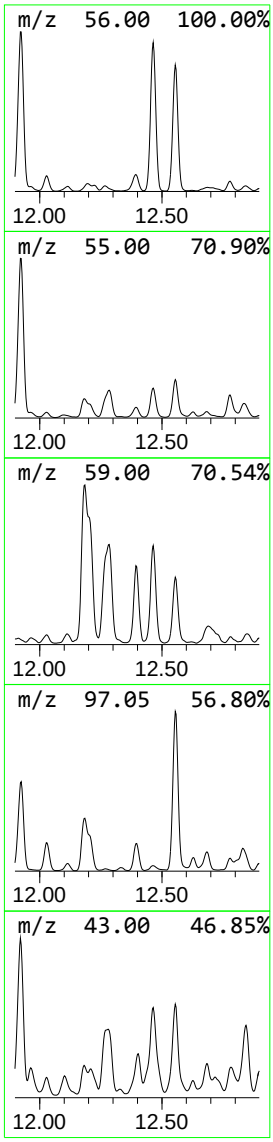
****

Peak Number 32 unknown-03 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.397	40.36 ug/L	1323310	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,5,5-Tetramethyltetrahydro-3-...	142	C8H14O2	005455-94-7	35
2	5-Methyl-5-hexen-3-ol	114	C7H14O	067760-89-8	32
3	3-Azetidinol, 1-(1-methylethyl)-	115	C6H13NO	013156-06-4	22
4	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	22
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	18





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBK27

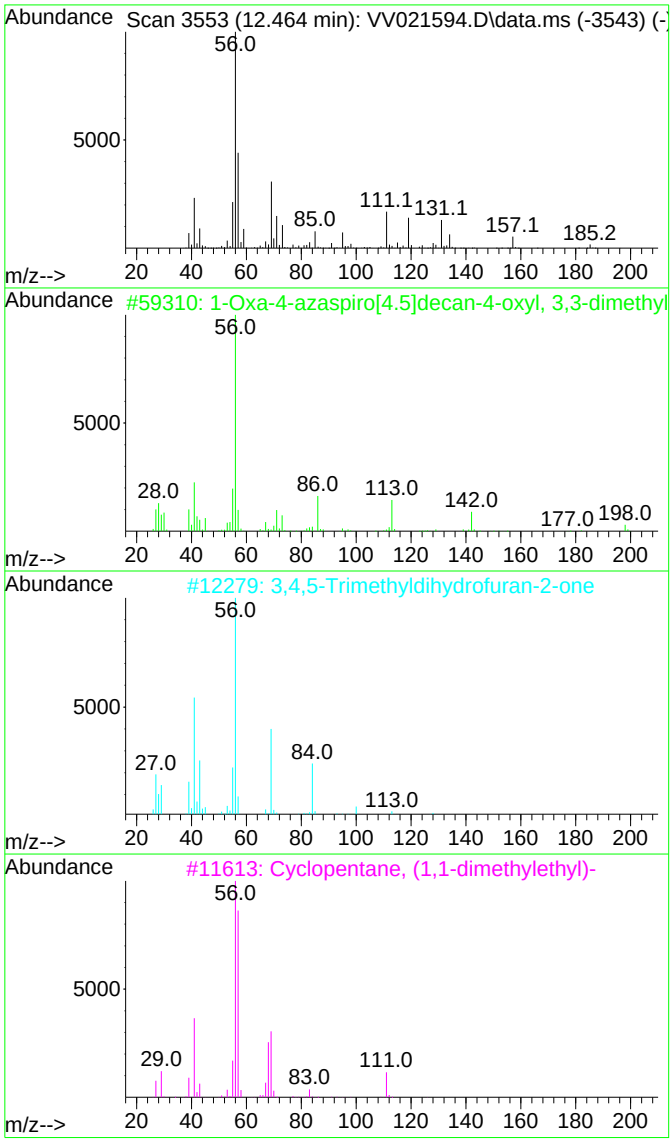
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

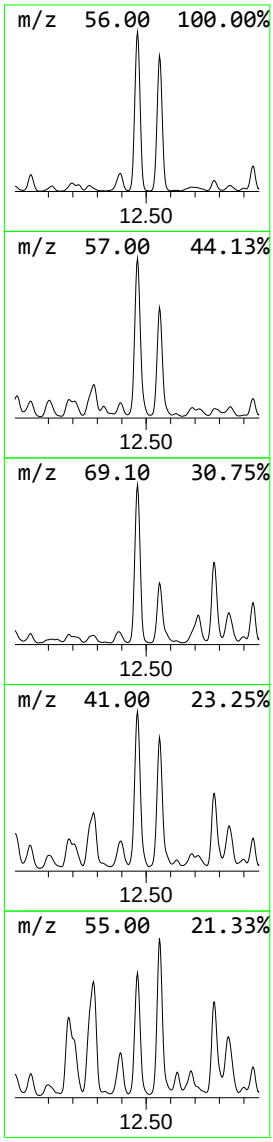
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1-Oxa-4-azaspiro[4.5]decan-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	156.37 ug/L	5126770	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	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	43
3	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	38
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	37
5	Cyclopentanamine	85	C5H11N	001003-03-8	37





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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

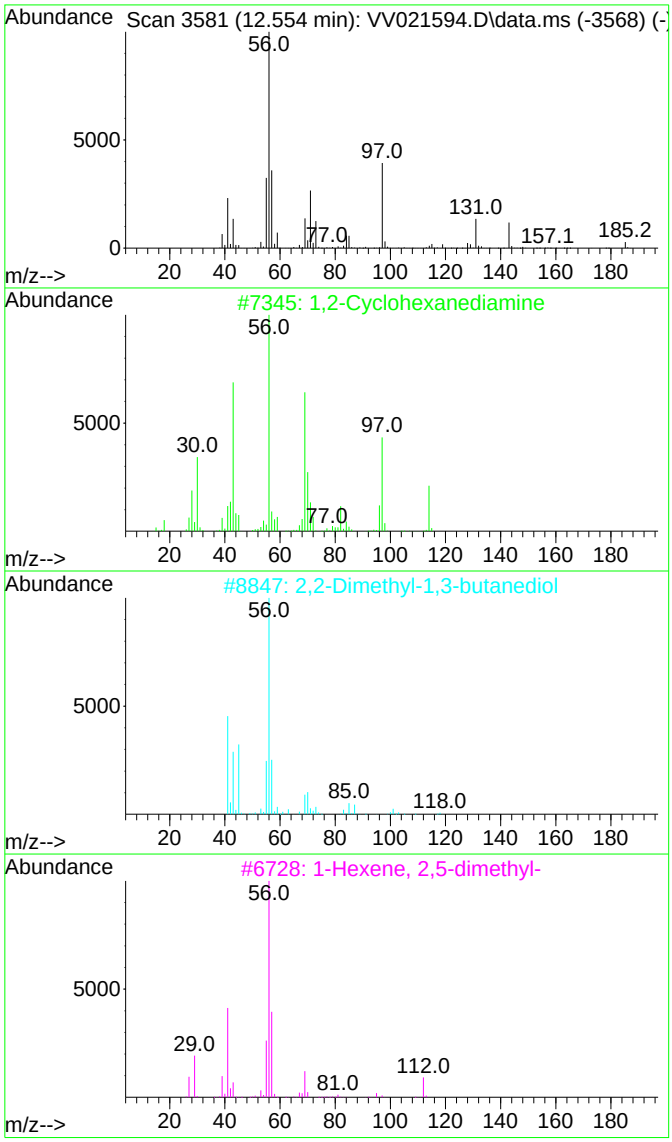
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

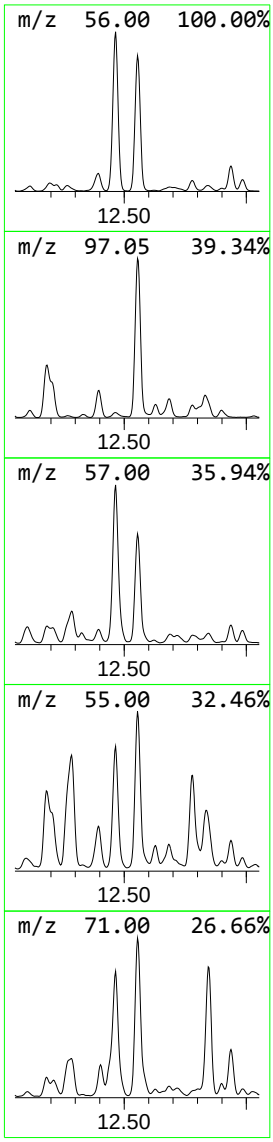
****

Peak Number 34 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.554	131.88 ug/L	4323740	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	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	32
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	25
4	Nonane, 5-methylene-	140	C10H20	006795-79-5	17
5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	17





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

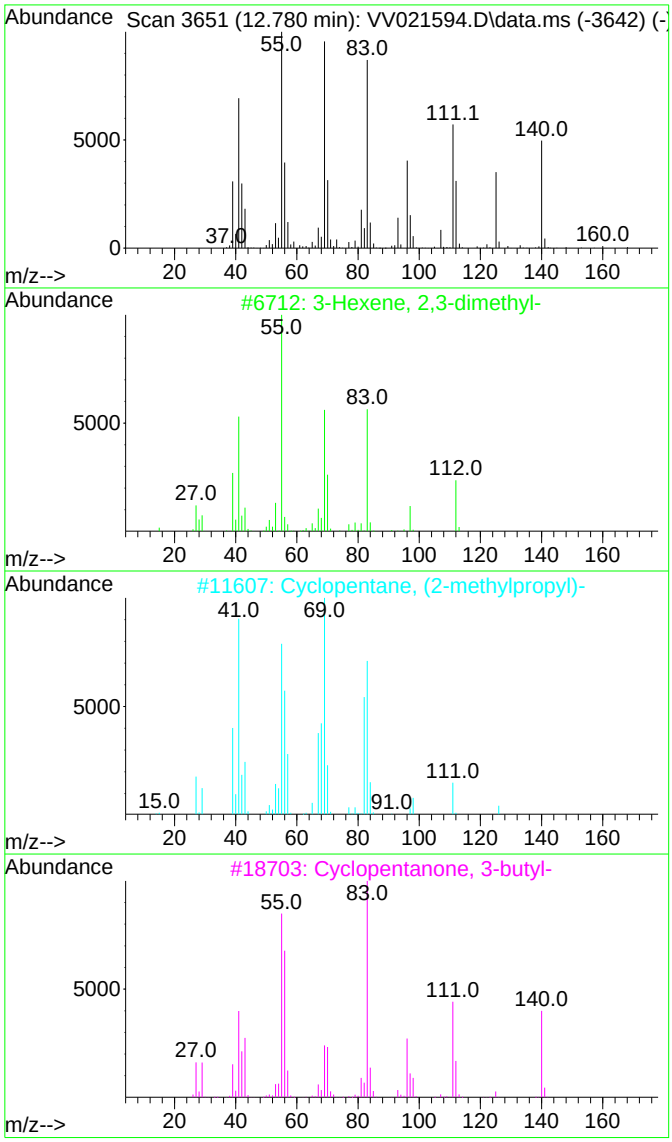
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

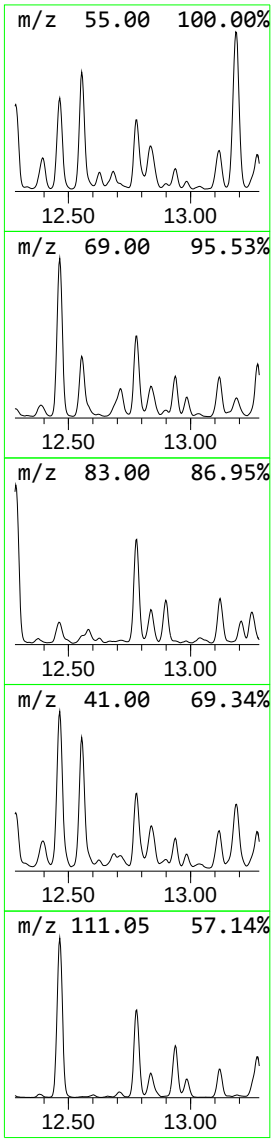
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	55.18 ug/L	1809230	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	38
4	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	30
5	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

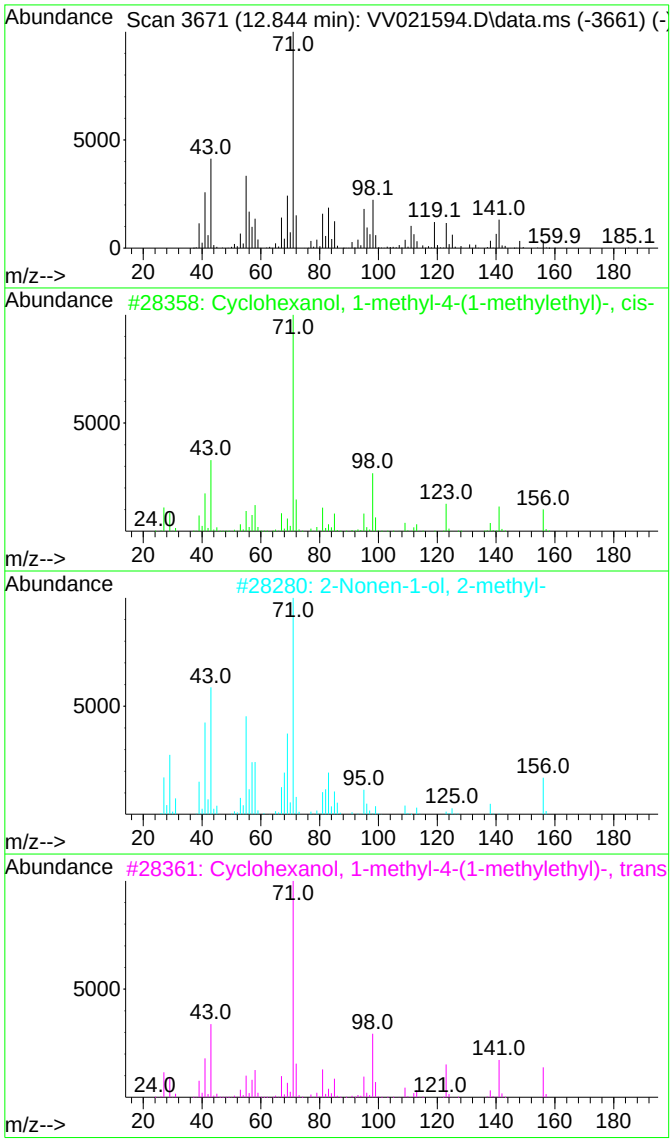
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

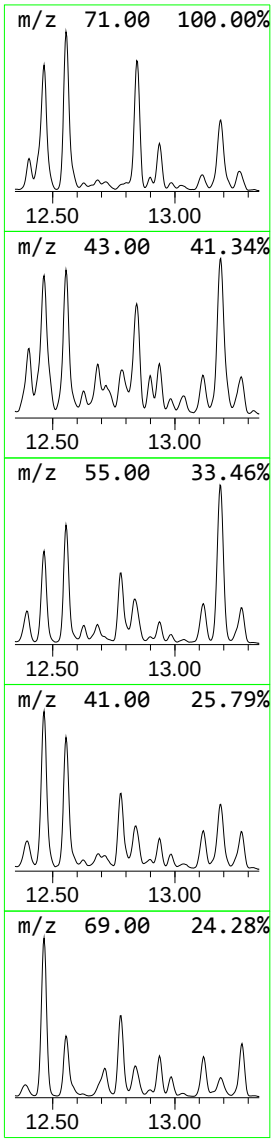
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.844	53.27 ug/L	1746500	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-95-9	81
2	2-Nonen-1-ol, 2-methyl-	156	C10H20O	091008-40-1	64
3	Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-93-7	62
4	Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	38
5	Cyclooctane, methoxy-	142	C9H18O	013213-32-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

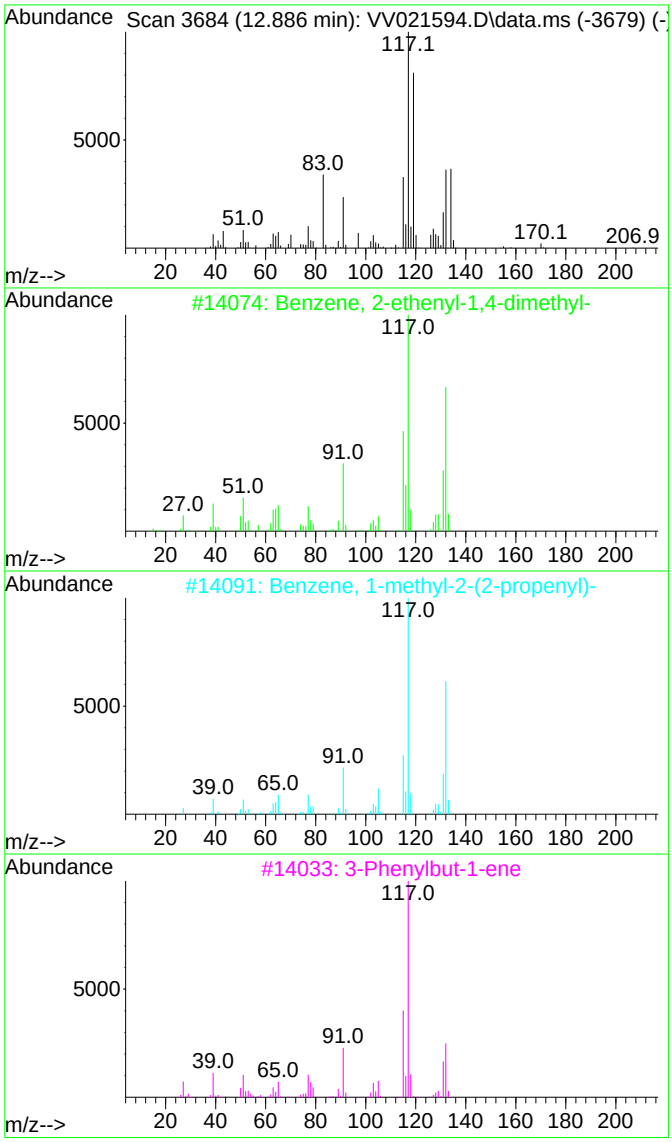
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

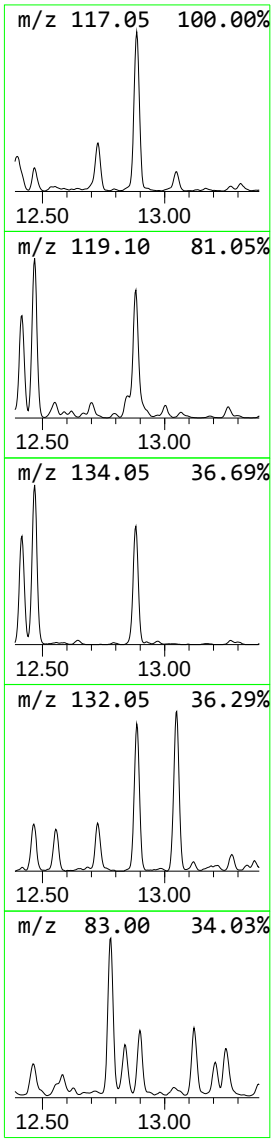
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	26.45 ug/L	867133	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

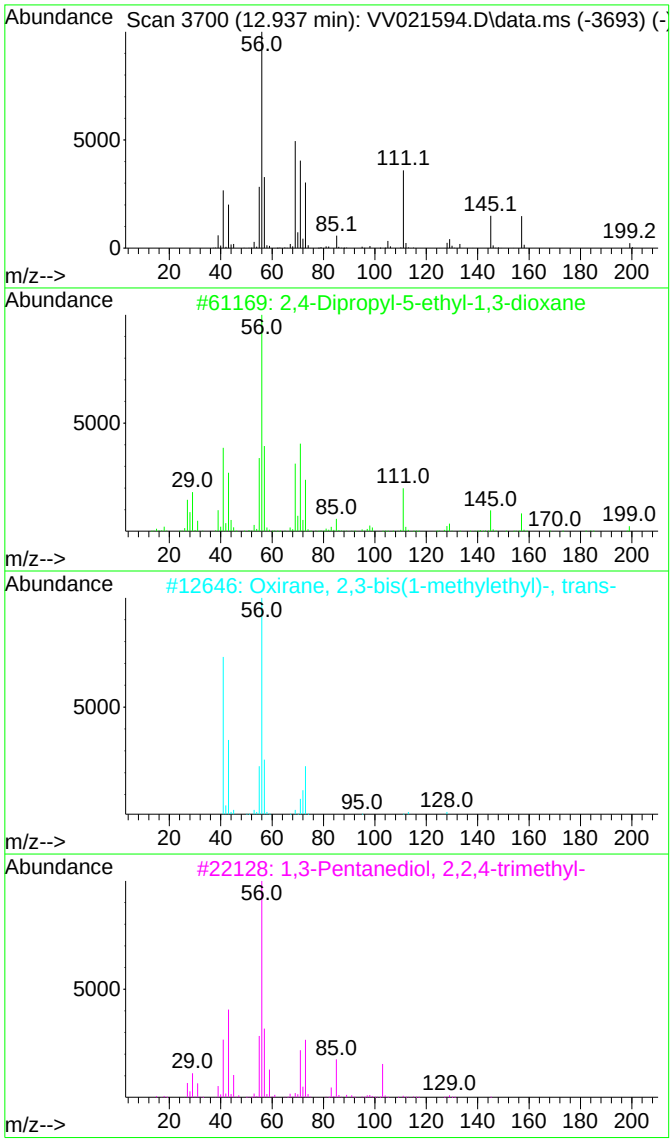
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

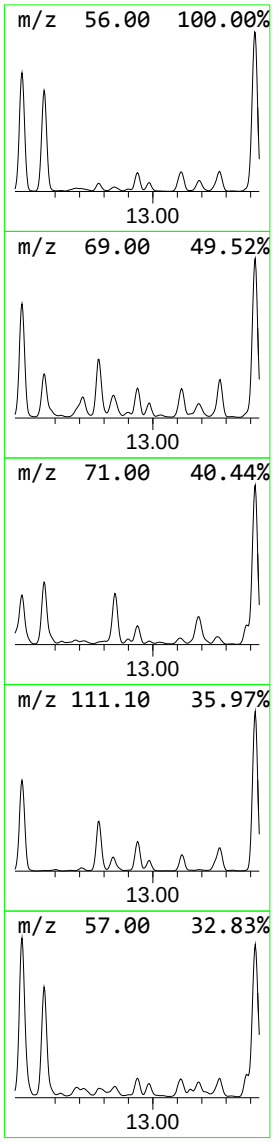
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.937	25.23 ug/L	827301	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	78
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	37
4	Cyclohexanamine	99	C6H13N	000108-91-8	16
5	2-Methyl-1-nonene	140	C10H20	002980-71-4	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

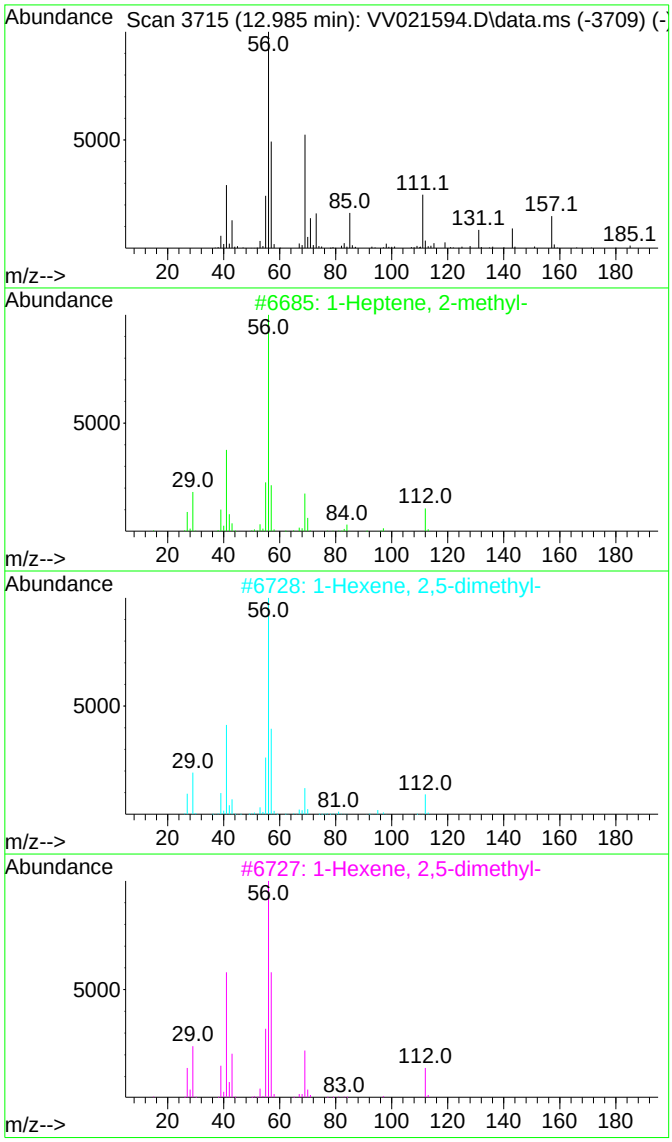
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

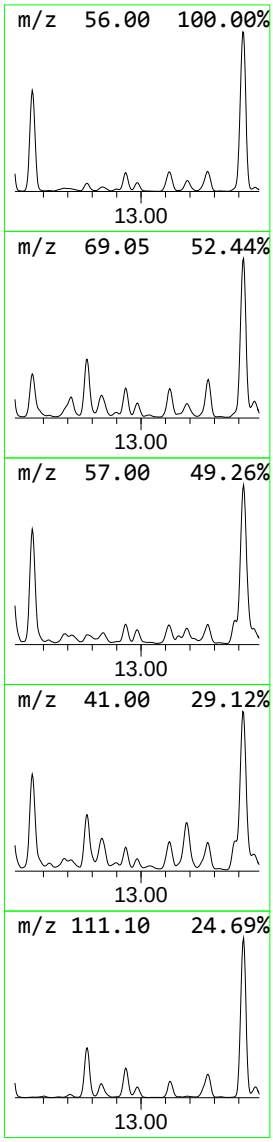
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.985	8.95 ug/L	293401	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	38
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38
4	3,3-Diethyldiaziridine	100	C5H12N2	052175-94-7	38
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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

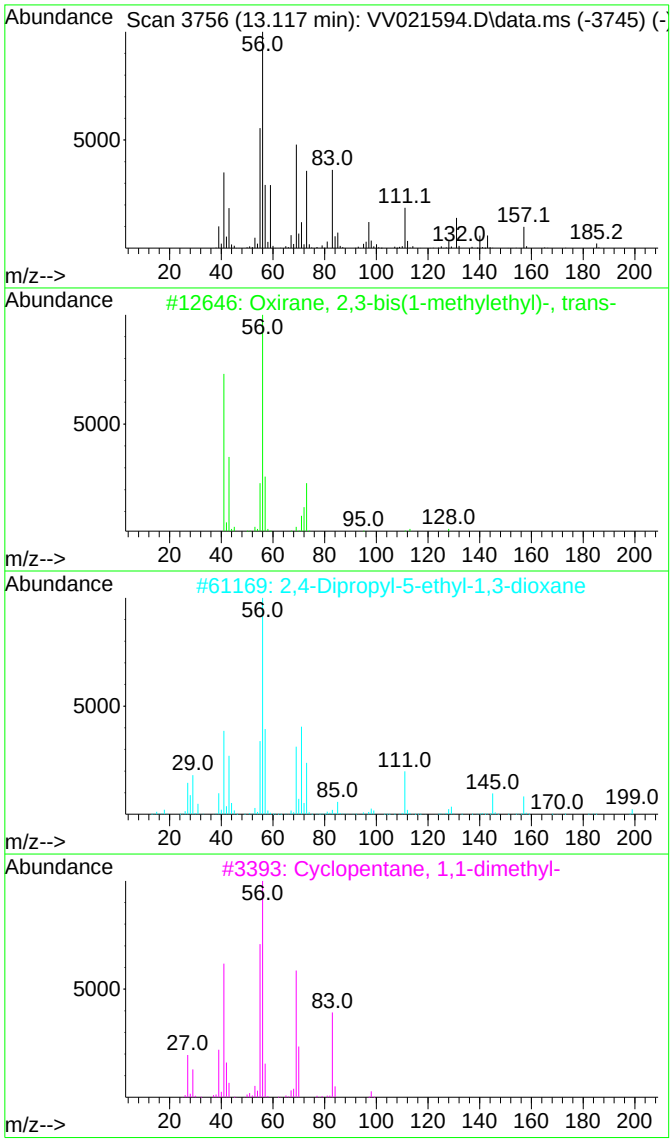
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

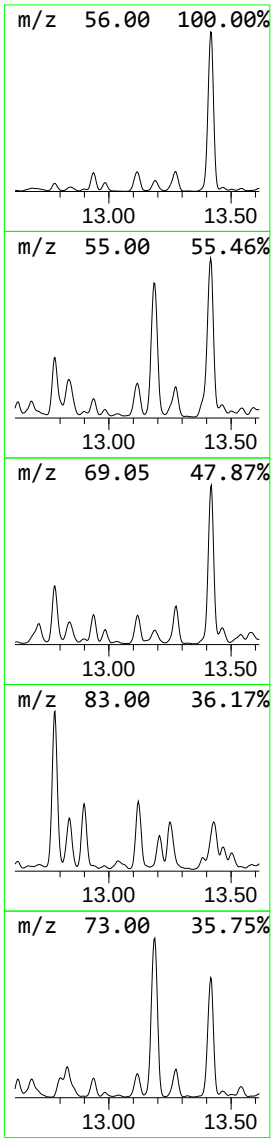
****

Peak Number 43 unknown-05 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	35.53 ug/L	1164910	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
4	Cyclopentanone, 2,2,5,5-tetramet...	140	C9H16O	004541-35-9	38
5	1H-1,2,4-Triazole-3-carboxaldehy...	111	C4H5N3O	056804-98-9	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

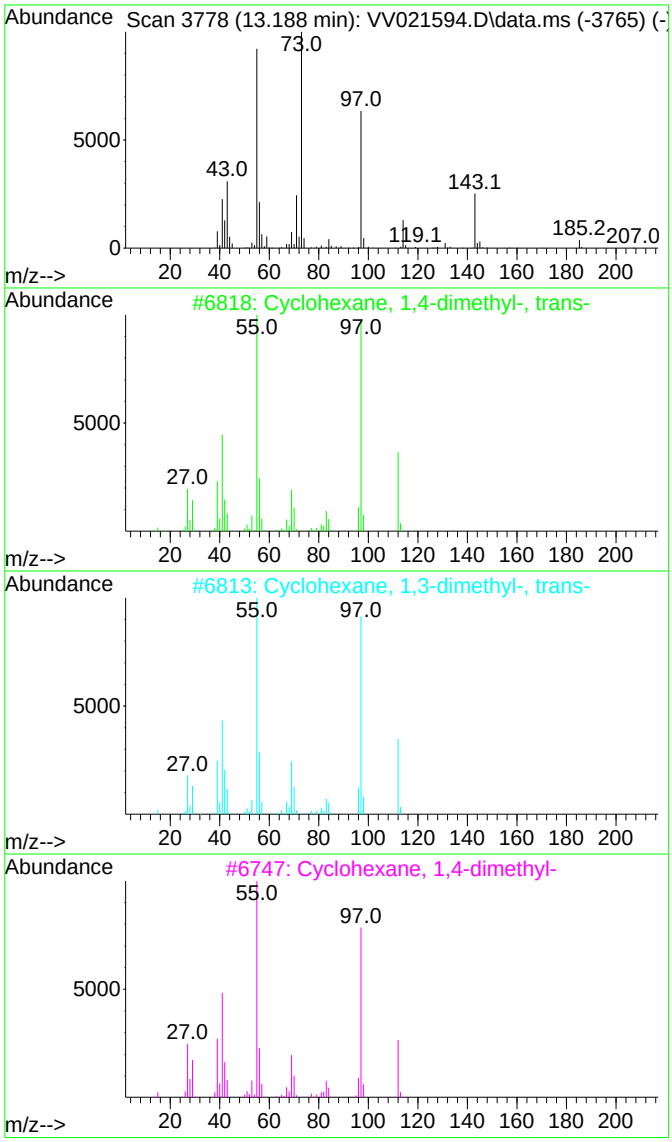
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

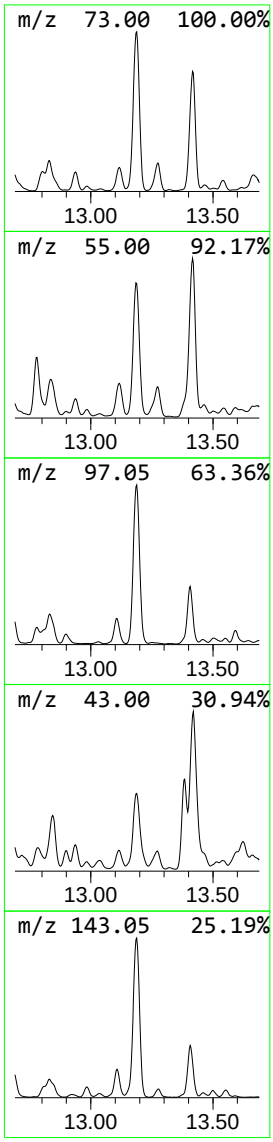
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Cyclic13.188 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.188	88.60 ug/L	2904910	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	43
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	43
4	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	37
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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

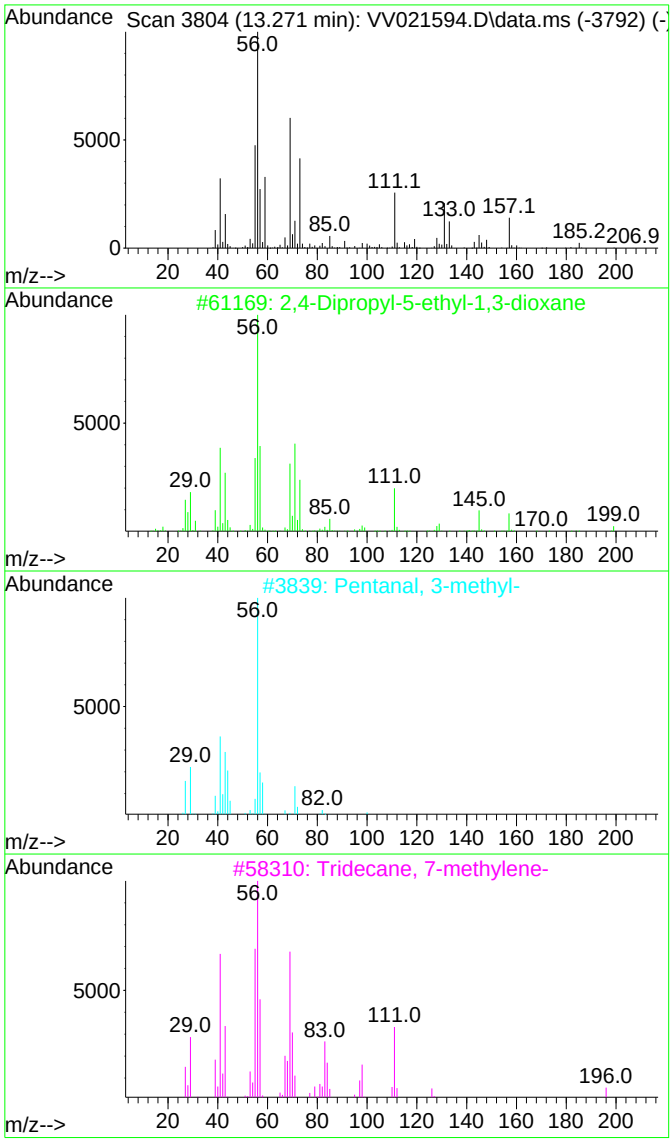
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

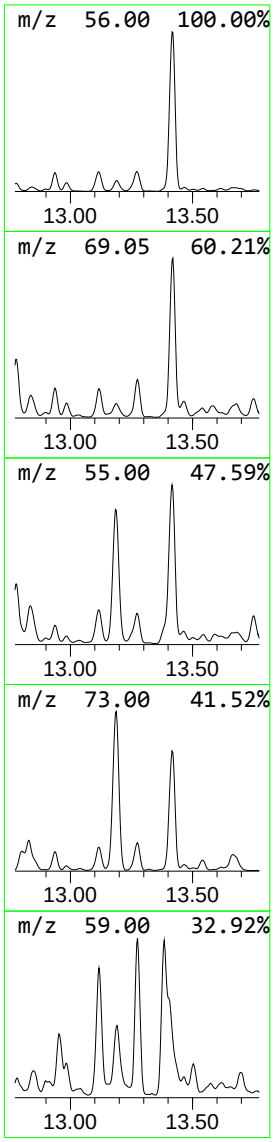
****

Peak Number 45 unknown-06 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.272	39.59 ug/L	1298070	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	53
2	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	27
3	Tridecane, 7-methylene-	196	C14H28	019780-80-4	25
4	Neopentyl glycol	104	C5H12O2	000126-30-7	23
5	Neopentyl glycol	104	C5H12O2	000126-30-7	23





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

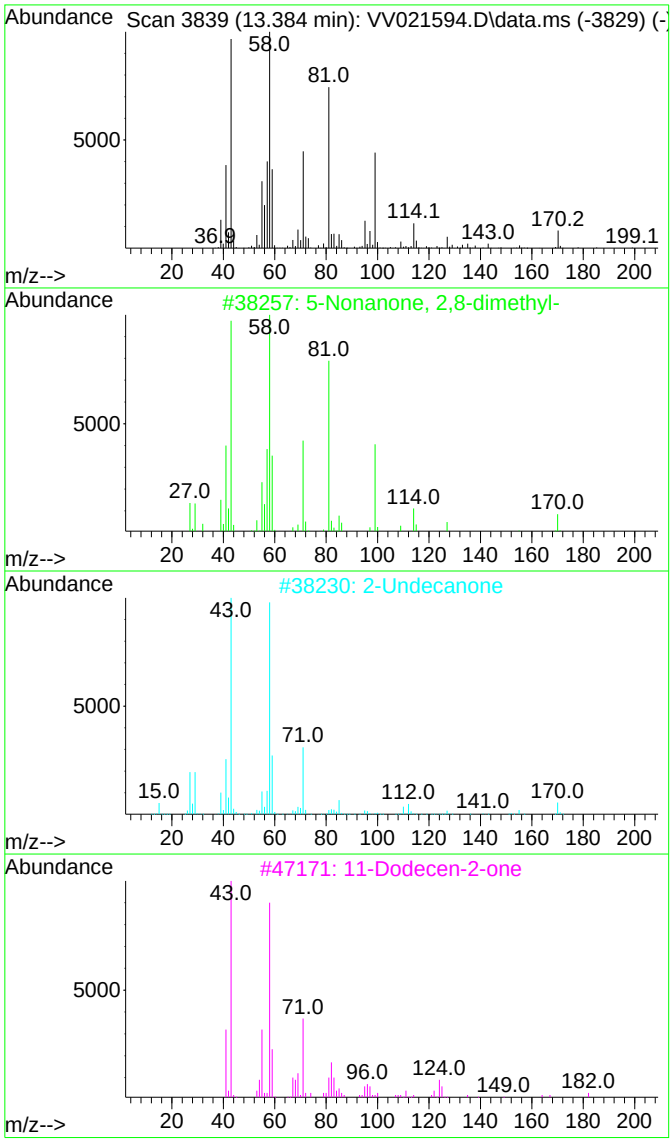
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

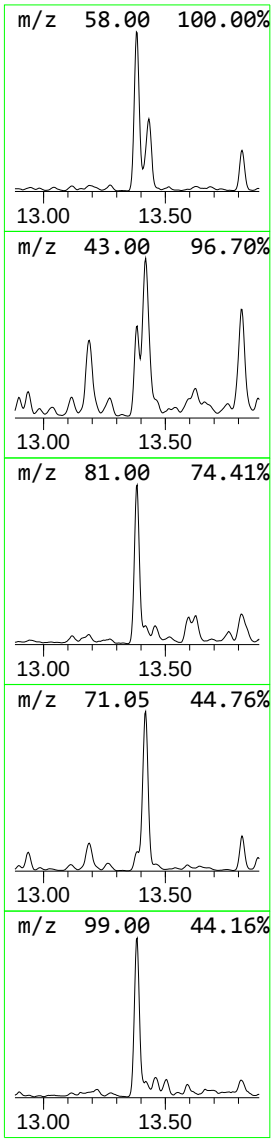
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 5-Nonanone, 2,8-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.384	31.94 ug/L	1047120	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	93
2	2-Undecanone	170	C11H22O	000112-12-9	38
3	11-Dodecen-2-one	182	C12H22O	005009-33-6	35
4	(Trimethylsilyl)diazomethane	114	C4H10N2Si	018107-18-1	35
5	2-Undecanone	170	C11H22O	000112-12-9	35





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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

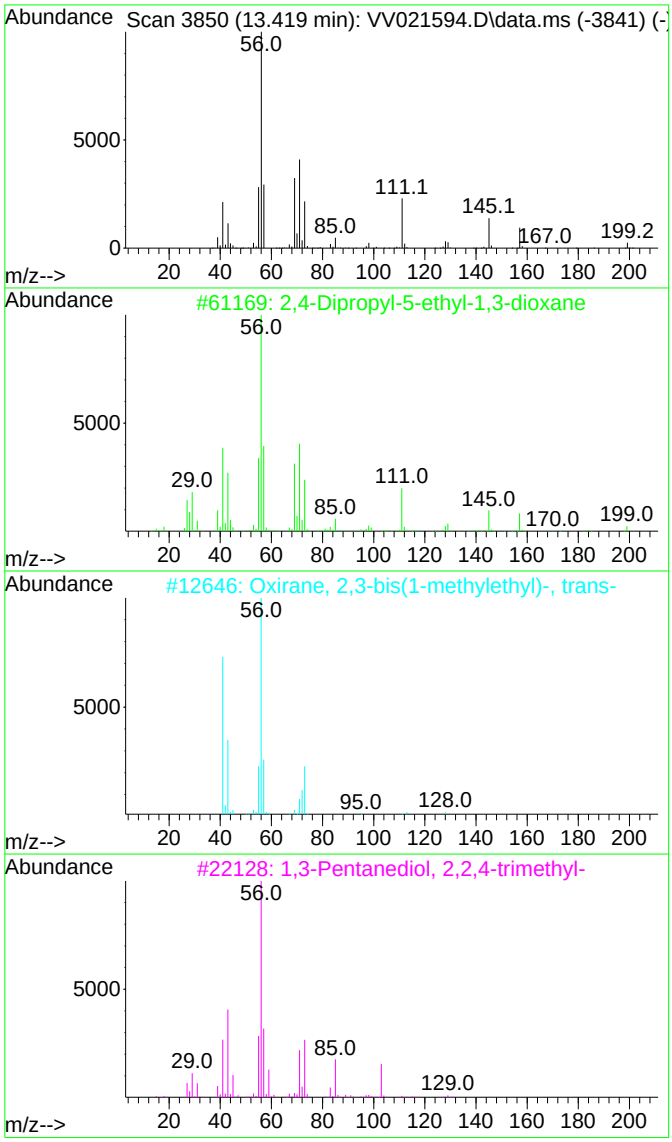
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

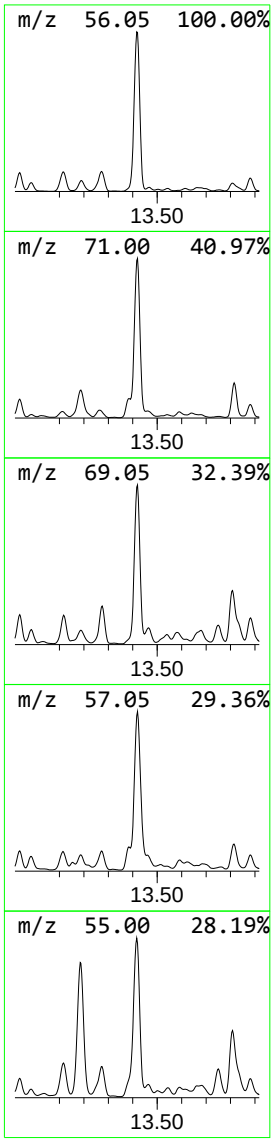
****

Peak Number 47 unknown-07 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.419	209.20 ug/L	6858950	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	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	32
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	25
4	Cyclohexanamine	99	C6H13N	000108-91-8	12
5	2-Methyl-1-nonene	140	C10H20	002980-71-4	12





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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

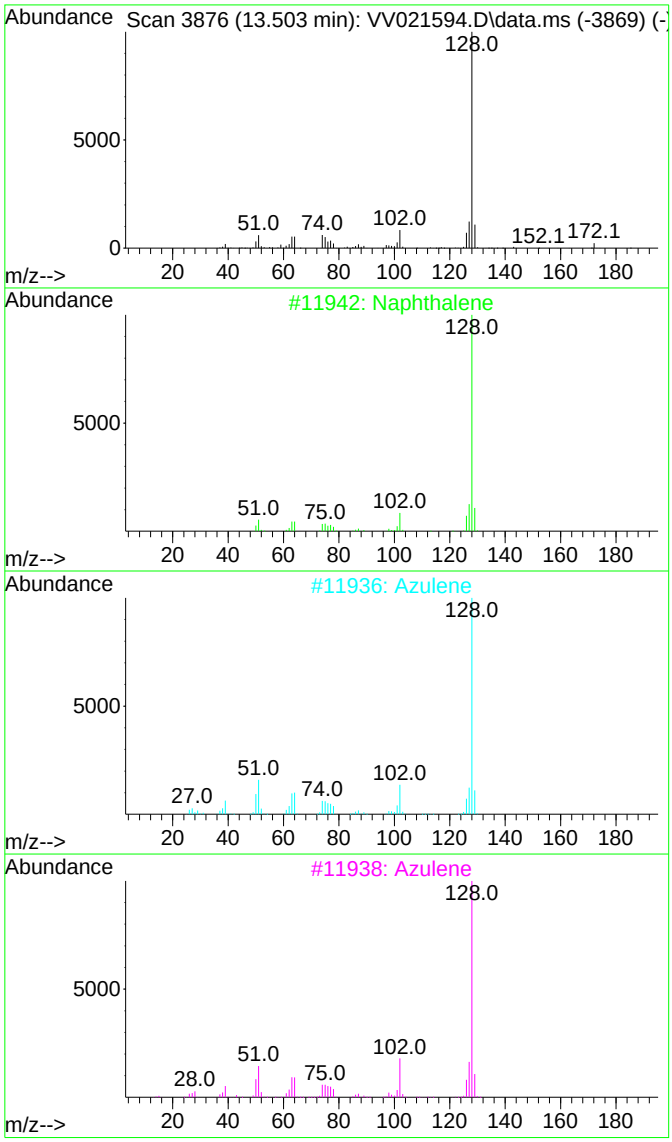
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

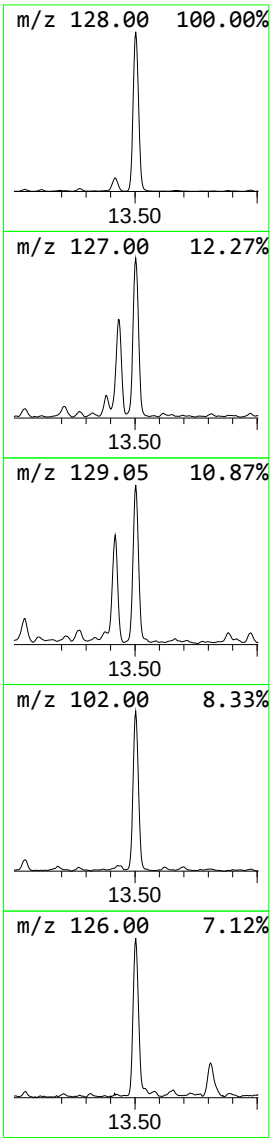
****

Peak Number 48 Azulene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	31.88 ug/L	1045290	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	91
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	90
5	Naphthalene	128	C10H8	000091-20-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

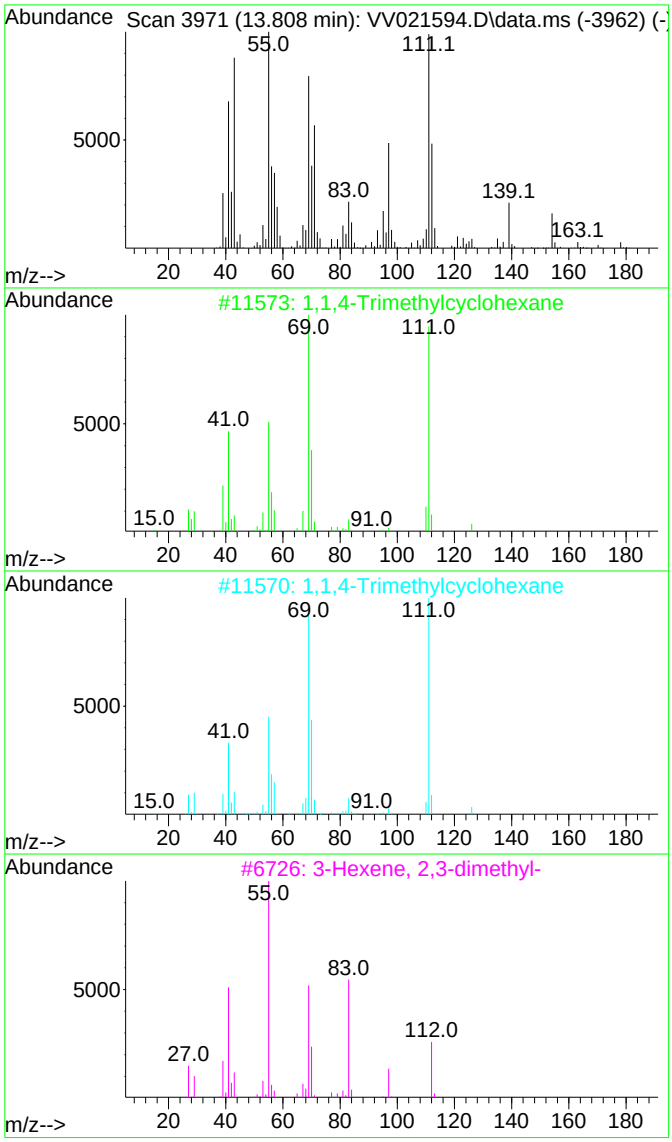
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

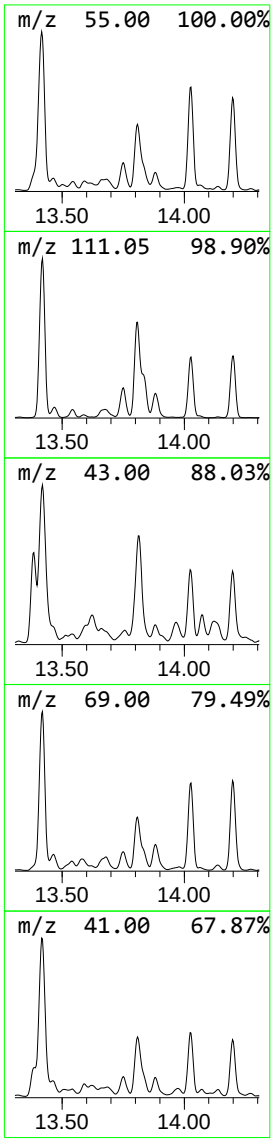
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Cyclic13.808 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.808	88.70 ug/L	2908030	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	46
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	46
3	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	43
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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

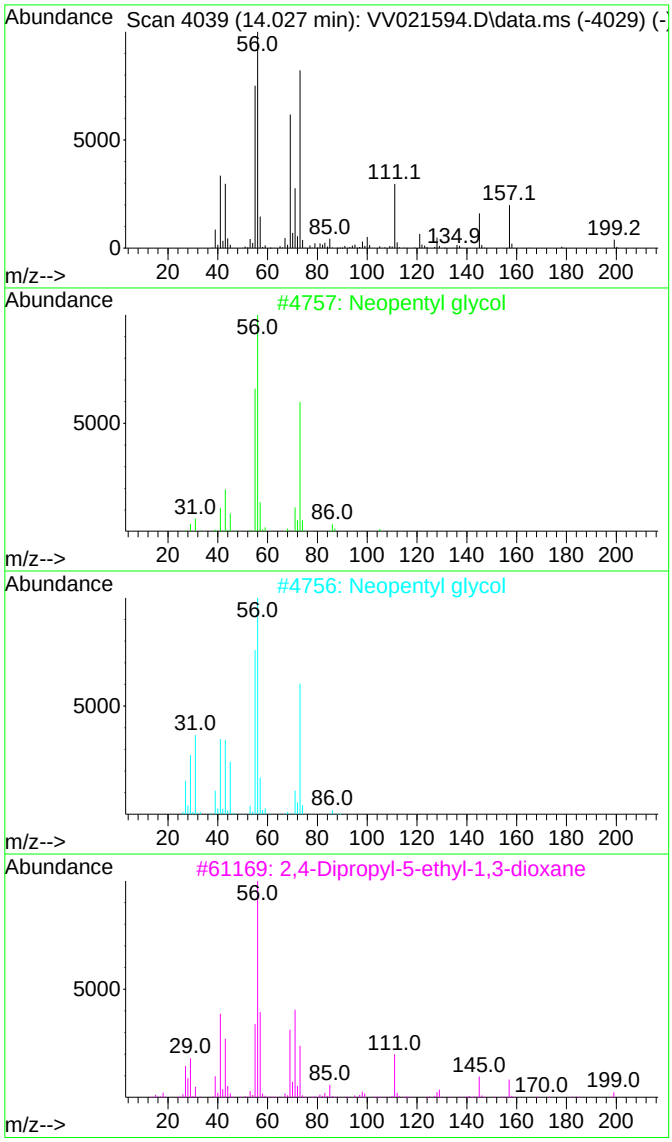
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

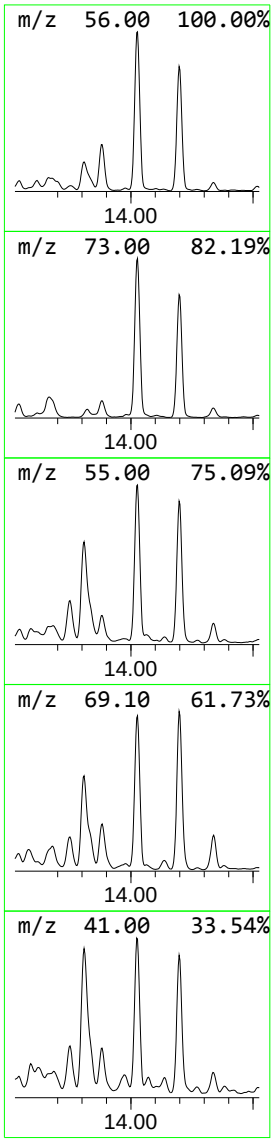
****

Peak Number 54 unknown-08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.027	76.32 ug/L	2502360	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	36
4	Tridecane, 7-methylene-	196	C14H28	019780-80-4	28
5	4-Undecene, 10-methyl-, (E)-	168	C12H24	074630-60-7	23





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

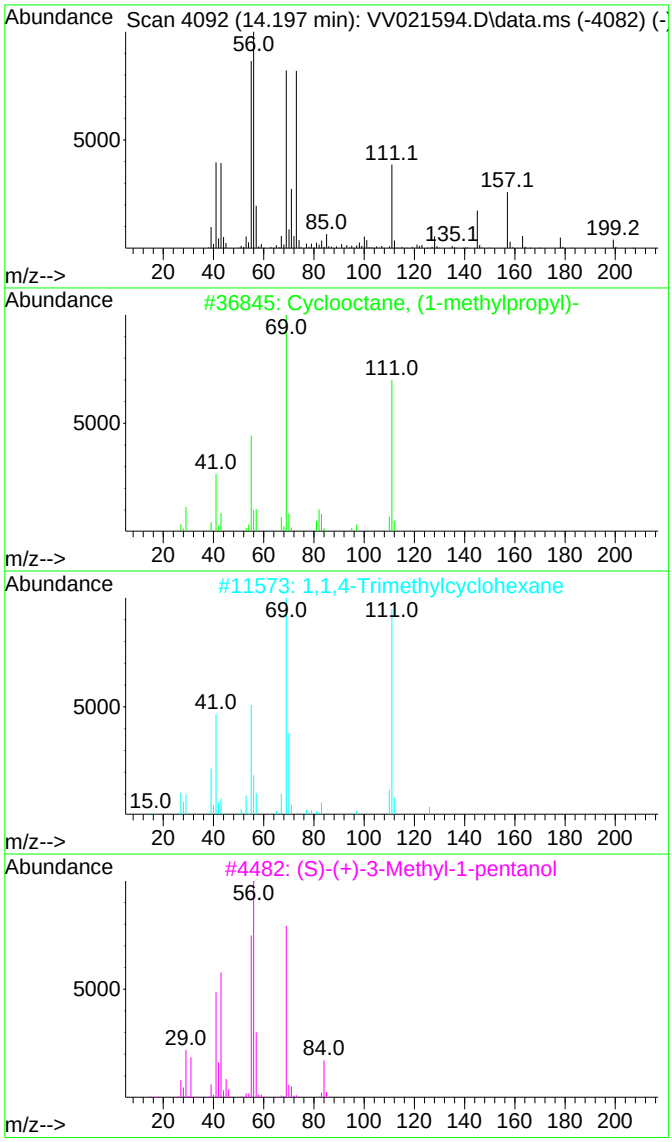
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

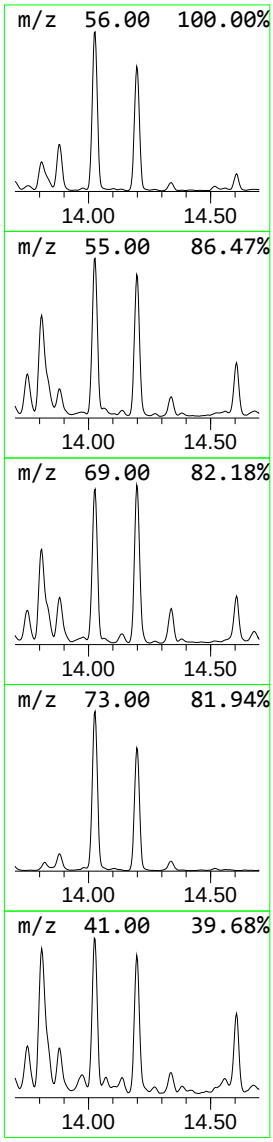
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Cyclic14.198 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.198	73.00 ug/L	2393430	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	38
3	(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9	38
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

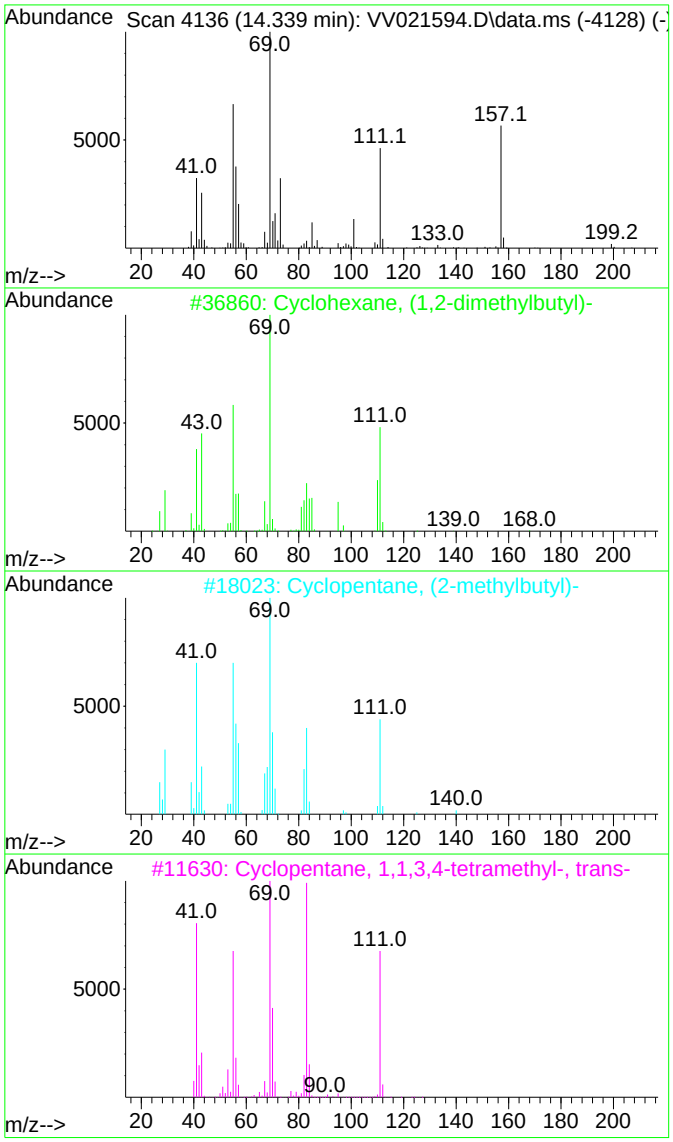
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

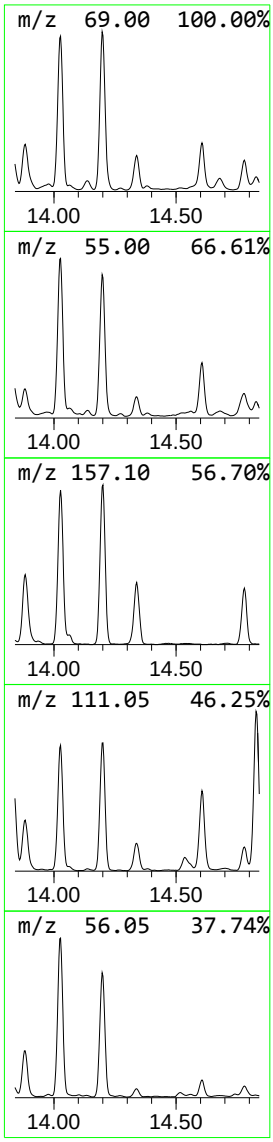
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Cyclic14.339 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.339	8.43 ug/L	276555	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	40
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	37
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	37
5	Adipic acid, ethyl 2-methylbutyl...	244	C13H24O4	1000324-66-9	35





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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

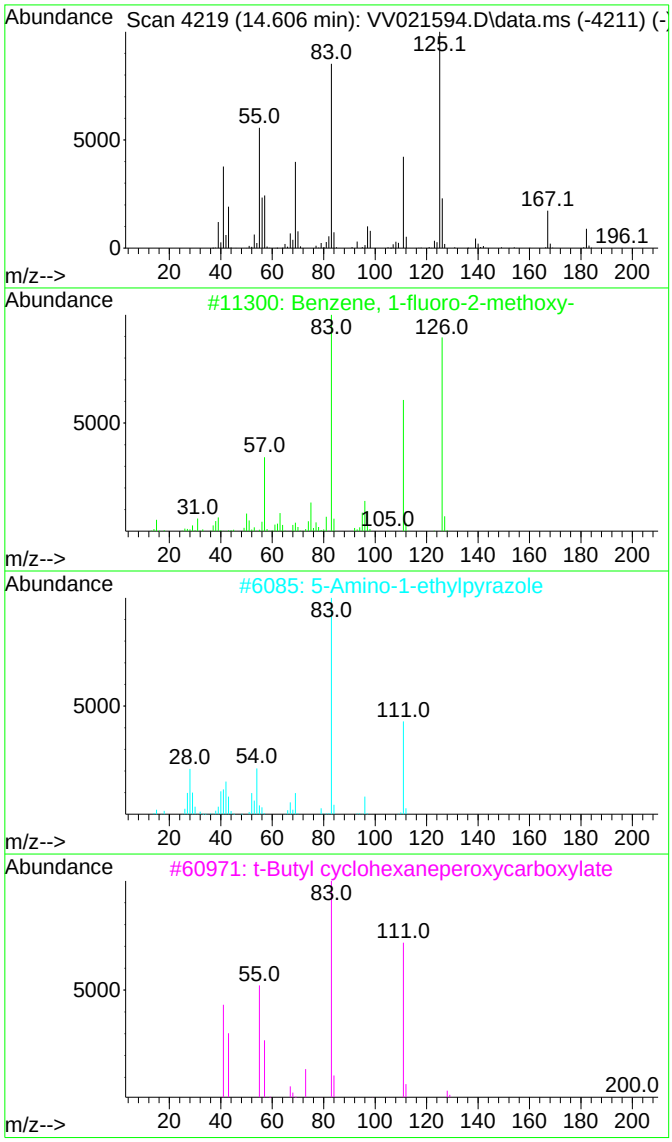
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

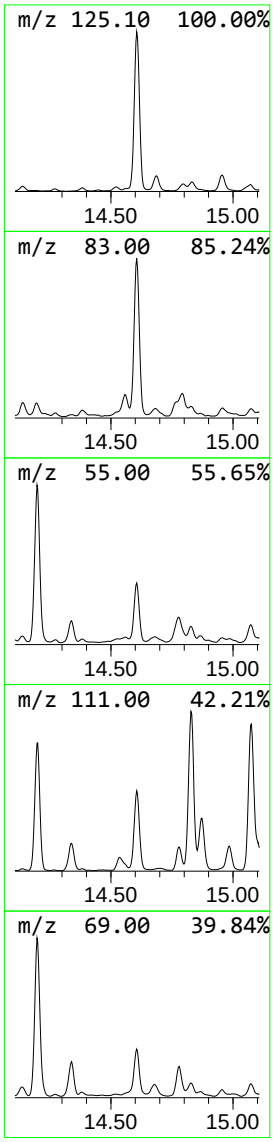
****

Peak Number 59 unknown-09 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.606	31.10 ug/L	1019800	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	43
2	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	35
3	t-Butyl cyclohexaneperoxycarboxy...	200	C11H20O3	020396-49-0	35
4	Cyclohexanecarboxylic acid, 4-cy...	229	C14H15NO2	1000307-70-6	35
5	Cyclohexanecarboxylic acid, 2-ch...	190	C9H15ClO2	1000330-87-6	35





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

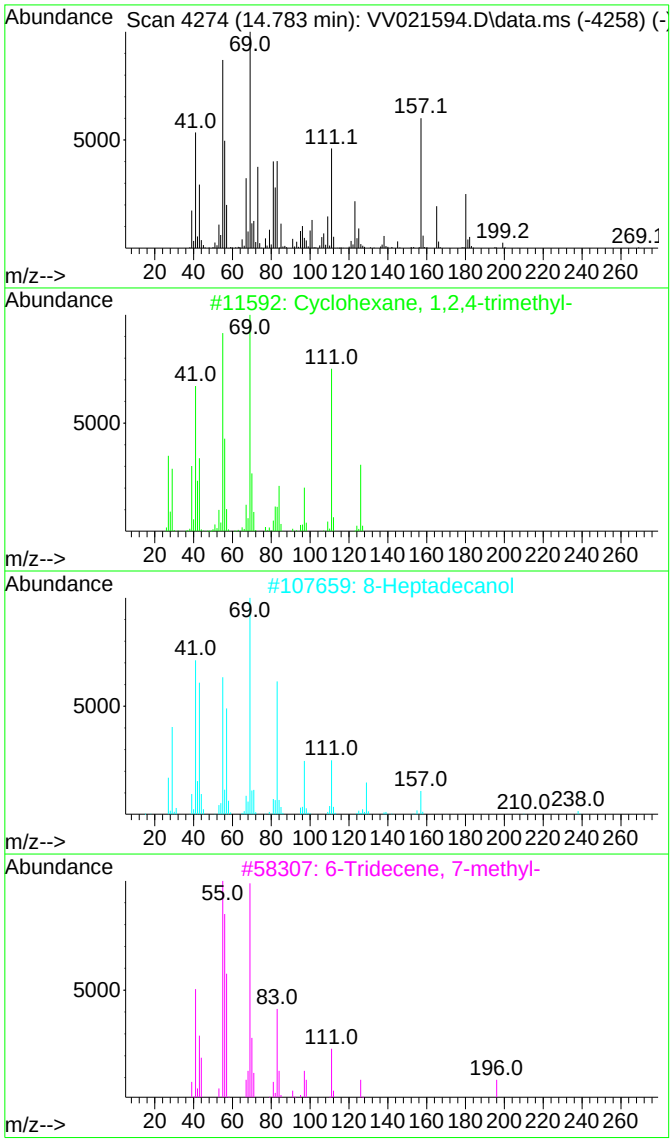
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

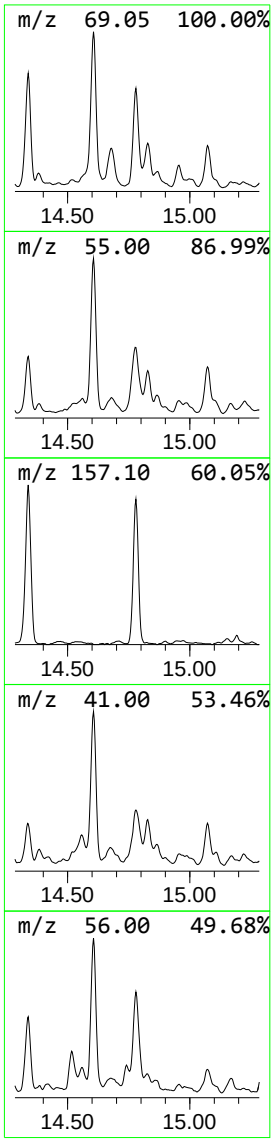
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Cyclic14.783 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.783	18.35 ug/L	601620	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
2	8-Heptadecanol	256	C17H36O	002541-75-5	38
3	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	37
4	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	35
5	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	27





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Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

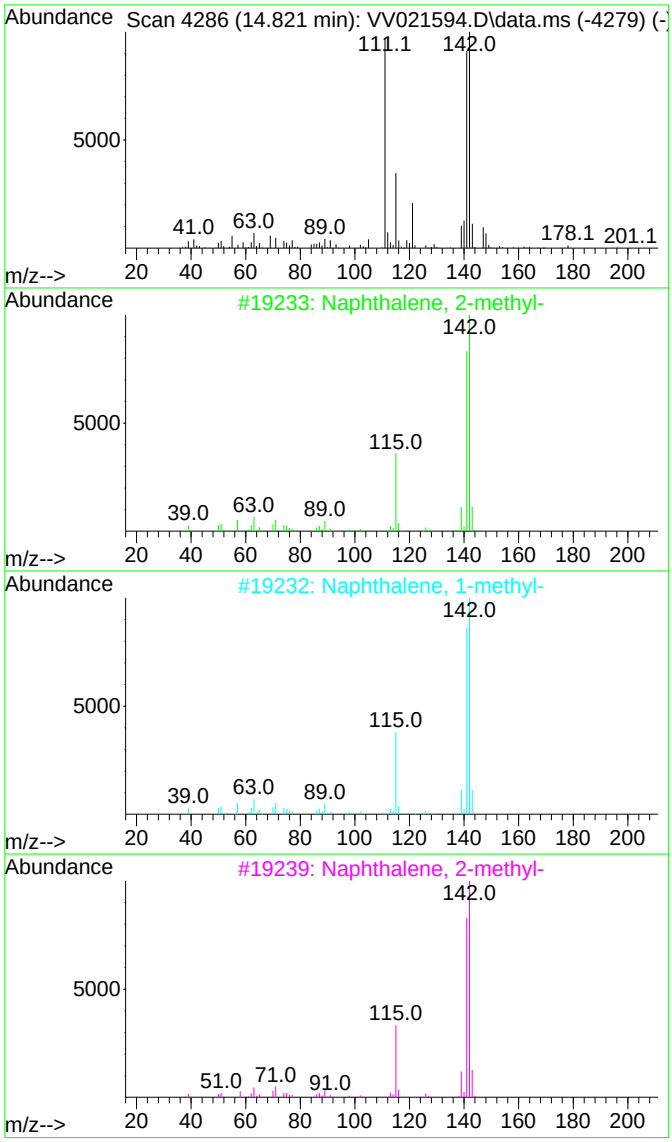
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

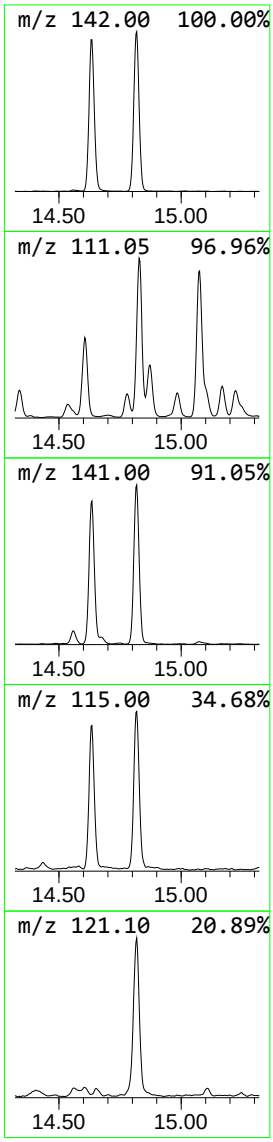
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Naphthalene, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	28.55 ug/L	936105	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	86
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	64
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

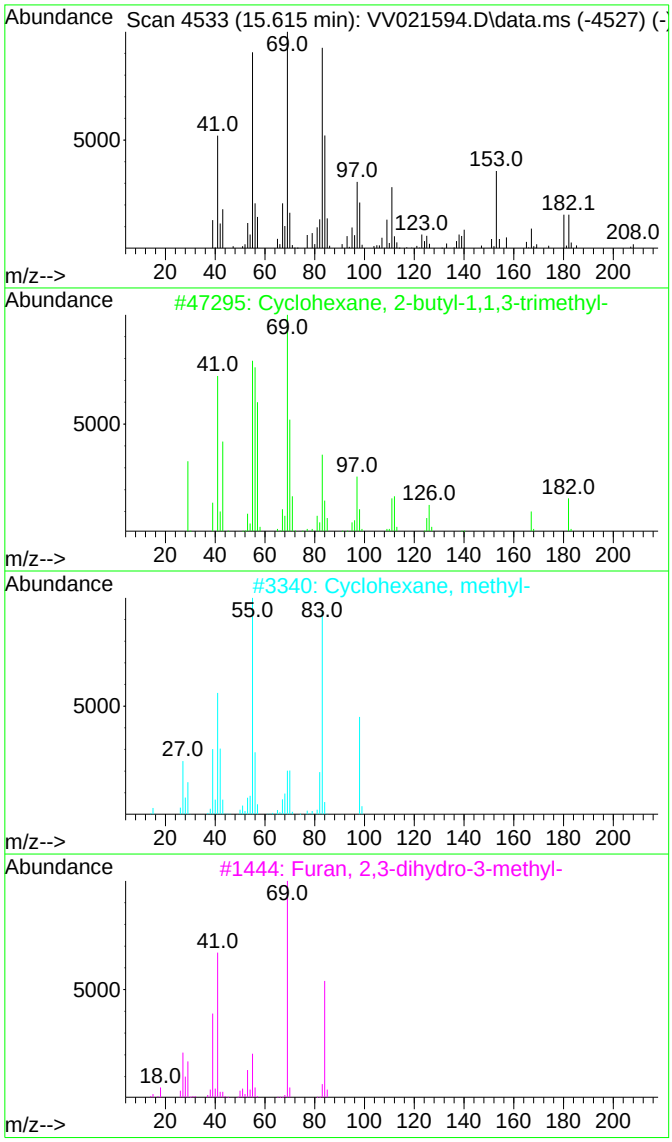
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

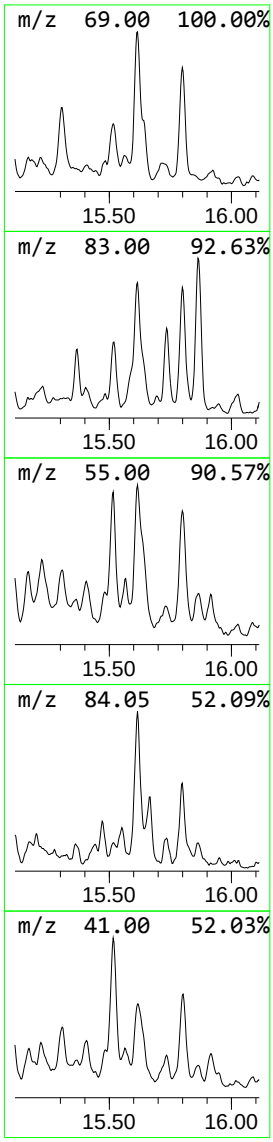
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Cyclic15.615 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.615	5.52 ug/L	181029	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	43
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	38
3	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	30
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	25
5	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
Data File : VV021594.D
Acq On : 02 Jul 2021 13:26
Operator : SY/MD
Sample : M2914-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBK27

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
Propanal, 2-met...	2.947	53.8	ug/L	1088740	1	5.619	1011540	50.0
Butanal	3.690	318.6	ug/L	6446090	1	5.619	1011540	50.0
4-Heptanone	9.381	43.8	ug/L	1324840	2	8.854	1514170	50.0
Benzene, propyl-	10.355	26.8	ug/L	877157	3	11.252	1639330	50.0
Benzene, 1-ethy...	10.448	77.2	ug/L	2531610	3	11.252	1639330	50.0
4-Heptanone, 2,...	10.696	365.5	ug/L	11982500	3	11.252	1639330	50.0
Benzene, 1-ethy...	10.738	68.0	ug/L	2230910	3	11.252	1639330	50.0
2-Heptanone, 4,...	11.021	149.7	ug/L	4907390	3	11.252	1639330	50.0
unknown-01	11.182	40.4	ug/L	1325430	3	11.252	1639330	50.0
2,2-Dimethyl-1,...	11.500	74.3	ug/L	2435220	3	11.252	1639330	50.0
3-Hexen-1-ol, 2...	11.699	57.2	ug/L	1875030	3	11.252	1639330	50.0
Benzene, 1-meth...	11.825	61.9	ug/L	2027840	3	11.252	1639330	50.0
Cyclohexanone, ...	11.921	509.3	ug/L	16698400	3	11.252	1639330	50.0
Benzene, 1-ethy...	12.021	45.8	ug/L	1500420	3	11.252	1639330	50.0
3-Nonanol	12.182	32.5	ug/L	1064120	3	11.252	1639330	50.0
unknown-02	12.284	91.3	ug/L	2994990	3	11.252	1639330	50.0
unknown-03	12.397	40.4	ug/L	1323310	3	11.252	1639330	50.0
1-Oxa-4-azaspir...	12.464	156.4	ug/L	5126770	3	11.252	1639330	50.0
unknown-04	12.554	131.9	ug/L	4323740	3	11.252	1639330	50.0
(DEL) Alkane: S...	12.780	55.2	ug/L	1809230	3	11.252	1639330	50.0
Cyclohexanol, 1...	12.844	53.3	ug/L	1746500	3	11.252	1639330	50.0
Benzene, 2-ethe...	12.886	26.4	ug/L	867133	3	11.252	1639330	50.0
2,4-Dipropyl-5-...	12.937	25.2	ug/L	827301	3	11.252	1639330	50.0
(DEL) Alkane: S...	12.985	8.9	ug/L	293401	3	11.252	1639330	50.0
unknown-05	13.117	35.5	ug/L	1164910	3	11.252	1639330	50.0
(DEL) Alkane: C...	13.188	88.6	ug/L	2904910	3	11.252	1639330	50.0
unknown-06	13.272	39.6	ug/L	1298070	3	11.252	1639330	50.0
5-Nonanone, 2,8...	13.384	31.9	ug/L	1047120	3	11.252	1639330	50.0
unknown-07	13.419	209.2	ug/L	6858950	3	11.252	1639330	50.0
Azulene	13.503	31.9	ug/L	1045290	3	11.252	1639330	50.0
(DEL) Alkane: C...	13.808	88.7	ug/L	2908030	3	11.252	1639330	50.0
unknown-08	14.027	76.3	ug/L	2502360	3	11.252	1639330	50.0
(DEL) Alkane: C...	14.198	73.0	ug/L	2393430	3	11.252	1639330	50.0
(DEL) Alkane: C...	14.339	8.4	ug/L	276555	3	11.252	1639330	50.0
unknown-09	14.606	31.1	ug/L	1019800	3	11.252	1639330	50.0
(DEL) Alkane: C...	14.783	18.4	ug/L	601620	3	11.252	1639330	50.0
Naphthalene, 2-...	14.821	28.6	ug/L	936105	3	11.252	1639330	50.0
(DEL) Alkane: C...	15.615	5.5	ug/L	181029	3	11.252	1639330	50.0