LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

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\SFAMVLM050321WMA.M
Title : VOC Analysis

Signal : TIC: VV021311.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.217	48	55	64	rBV2	230081	212381	0.43%	0.241%
2	1.307	75	83	91	rBV	1125439	1102698	2.25%	1.250%
3	1.349	92	96	104	rVB	40619	43803	0.09%	0.050%
4	1.568	157	164	175	rBV	169876	194597	0.40%	0.221%
5	1.635	175	185	205	rBV	3304478	4062938	8.28%	4.606%
6	1.809	233	239	247	rVB3	24448	33405	0.07%	0.038%
7	1.957	279	285	290	rVB9	12171	16107	0.03%	0.018%
8	2.024	300	306	315	rVB6	12194	18755	0.04%	0.021%
9	2.130	323	339	353	rBV2	608249	1591999	3.25%	1.805%
10	2.500	439	454	471	rBV	1020249	2421007	4.93%	2.745%
11	2.577	472	478	494	rVB	280195	494947	1.01%	0.561%
12	2.770	498	538	582	rBV2	22877352	49059731	100.00%	55.617%
13	3.156	649	658	671	rVB6	20028	39262	0.08%	0.045%
14	3.275	683	695	711	rBV3	48675	104019	0.21%	0.118%
15	3.368	713	724	740	rVB5	26666	60679	0.12%	0.069%
16	3.545	761	779	801	rVV4	97476	332128	0.68%	0.377%
17	3.670	804	818	836	rVV3	443645	1127794	2.30%	1.279%
18	3.767	837	848	862	rVB3	80458	197298	0.40%	0.224%
19	3.912	882	893	924	rVB5	133127	452973	0.92%	0.514%
20	4.056	935	938	947	rVB8	4510	4396	0.01%	0.005%
21	4.140	960	964	968	rVV5	2724	2611	0.01%	0.003%
22	4.191	977	980	984	rVB4	2259	1978	0.00%	0.002%
23	4.233	984	993	995	rBV6	8790	11179	0.02%	0.013%
24	4.352	1015	1030	1041	rBV2	293184	759540	1.55%	0.861%
25	4.600	1097	1107	1117	rVV9	22135	48774	0.10%	0.055%
26	4.677	1118	1131	1142	rVV5	87416	218166	0.44%	0.247%
27	4.767	1143	1159	1186	rVB	1316973	3302048	6.73%	3.743%
28	4.950	1191	1216	1232	rBV8	147537	488352	1.00%	0.554%
29	5.050	1232	1247	1273	rBV3	668645	1768387	3.60%	2.005%
30	5.182	1276	1288	1294	rBV3	435346	913337	1.86%	1.035%
31	5.487	1376	1383	1384	rBV6	11670	12231	0.02%	0.014%
32	5.622	1413	1425	1459	rBV	514370	1380040	2.81%	1.564%
33	5.783	1465	1475	1486	rBV9	23791	50906	0.10%	0.058%
34	5.921	1506	1518	1537	rBV6	310389	768992	1.57%	0.872%
35	6.075	1553	1566	1593	rBV5	357459	1042220	2.12%	1.182%
36	6.204	1594	1606	1614	rBV4	167883	331566	0.68%	0.376%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

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\SFAMVLM050321WMA.M
Title : VOC Analysis

37	6.262	1615	1624	1634	rVB3	212173	385526	0.79%	0.437%
38	6.365	1651	1656	1657	rBV5	9953	8755	0.02%	0.010%
39	6.465	1672	1687	1701	rVB5	137515	318019	0.65%	0.361%
40	6.545	1701	1712	1714	rBV7	27336	38986	0.08%	0.044%
41	6.657	1732	1747	1765	rVB	638533	1415483	2.89%	1.605%
42	6.780	1768	1785	1798	rBV	603806	1261348	2.57%	1.430%
43	6.992	1832	1851	1861	rBV3	258939	639575	1.30%	0.725%
44	7.268	1925	1937	1944	rBV4	253914	496145	1.01%	0.562%
45	7.320	1945	1953	1967	rVB	838963	1483124	3.02%	1.681%
46	7.445	1985	1992	1998	rBV6	57957	92673	0.19%	0.105%
47	7.625	2043	2048	2067	rVB3	170930	361521	0.74%	0.410%
48	7.792	2082	2100	2108	rBV5	142878	309591	0.63%	0.351%
49	7.847	2108	2117	2141	rVB	285721	567024	1.16%	0.643%
50	8.095	2184	2194	2204	rBV2	419940	750055	1.53%	0.850%
51	8.516	2313	2325	2337	rBV6	97760	203644	0.42%	0.231%
52	8.857	2422	2431	2442	rBV	793908	1257532	2.56%	1.426%
53	9.693	2679	2691	2692	rBV9	35841	51458	0.10%	0.058%
54	10.220	2846	2855	2876	rVB	550914	885687	1.81%	1.004%
55	11.062	3109	3117	3124	rBV2	150475	228436	0.47%	0.259%
56	11.159	3141	3147	3154	rVB8	24166	32743	0.07%	0.037%
57	11.255	3167	3177	3200	rVB	872845	1377066	2.81%	1.561%
58	11.532	3260	3263	3266	rBV5	6272	5558	0.01%	0.006%
59	11.632	3283	3294	3308	rBV3	1171511	1945868	3.97%	2.206%
60	11.744	3325	3329	3331	rBV4	14243	11563	0.02%	0.013%
61	11.992	3398	3406	3408	rBV9	11649	14180	0.03%	0.016%
62	12.162	3457	3459	3462	rBV4	5257	3902	0.01%	0.004%
63	12.204	3466	3472	3479	rVB4	30478	39574	0.08%	0.045%
64	12.246	3480	3485	3487	rBV5	11652	11188	0.02%	0.013%
65	12.307	3496	3504	3512	rVB4	60223	87236	0.18%	0.099%
66	12.352	3513	3518	3523	rBV7	22028	25528	0.05%	0.029%
67	12.558	3575	3582	3590	rVV3	41162	66385	0.14%	0.075%
68	12.680	3606	3620	3636	rBV6	78646	195476	0.40%	0.222%
69	12.767	3640	3647	3654	rVB2	41625	56368	0.11%	0.064%
70	12.959	3698	3707	3716	rBV5	49266	85141	0.17%	0.097%
71	13.008	3717	3722	3731	rVB3	24477	29270	0.06%	0.033%
72	13.066	3737	3740	3748	rVB8	11286	9420	0.02%	0.011%
73	13.188	3766	3778	3783	rBV7	16204	39276	0.08%	0.045%
74	13.275	3799	3805	3811	rBV8	17917	25935	0.05%	0.029%
75	13.316	3811	3818	3834	rVB5	80956	153000	0.31%	0.173%
76	13.410	3841	3847	3855	rVB7	18497	25654	0.05%	0.029%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

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\SFAMVLM050321WMA.M
Title : VOC Analysis

77	13.554	3885	3892	3896	rBV4	15226	22737	0.05%	0.026%
78	13.622	3906	3913	3920	rBV10	13359	20768	0.04%	0.024%
79	13.712	3936	3941	3949	rBV10	26779	42640	0.09%	0.048%
80	13.828	3974	3977	3978	rBV3	5905	3717	0.01%	0.004%
81	13.972	4018	4022	4023	rBV3	4331	2814	0.01%	0.003%
82	14.111	4053	4065	4072	rBV8	36640	80452	0.16%	0.091%
83	14.204	4090	4094	4095	rBV4	6412	4345	0.01%	0.005%
84	14.242	4098	4106	4116	rVV	64671	117437	0.24%	0.133%
85	14.307	4118	4126	4139	rVB5	59129	113046	0.23%	0.128%
86	14.458	4164	4173	4180	rBV3	33655	51036	0.10%	0.058%
87	14.619	4218	4223	4235	rVB5	19948	35156	0.07%	0.040%
88	14.802	4276	4280	4282	rBV4	4212	3630	0.01%	0.004%
89	14.824	4283	4287	4289	rBV5	4902	4827	0.01%	0.005%
90	14.879	4300	4304	4306	rBV5	6527	5473	0.01%	0.006%
91	15.056	4355	4359	4361	rBV5	3117	2223	0.00%	0.003%
92	15.078	4361	4366	4369	rVV7	3024	3013	0.01%	0.003%
93	15.156	4385	4390	4392	rBV6	2660	2514	0.01%	0.003%
94	15.355	4448	4452	4460	rVB6	6321	7601	0.02%	0.009%
95	15.426	4467	4474	4477	rBV7	3588	4250	0.01%	0.005%
96	15.541	4506	4510	4513	rBV4	2516	2234	0.00%	0.003%
97	15.570	4513	4519	4521	rBV6	3118	3813	0.01%	0.004%
98	15.969	4640	4643	4647	rBV6	5667	4320	0.01%	0.005%
99	16.281	4738	4740	4743	rBV3	3735	2578	0.01%	0.003%
100	16.766	4889	4891	4895	rBV5	4149	3121	0.01%	0.004%

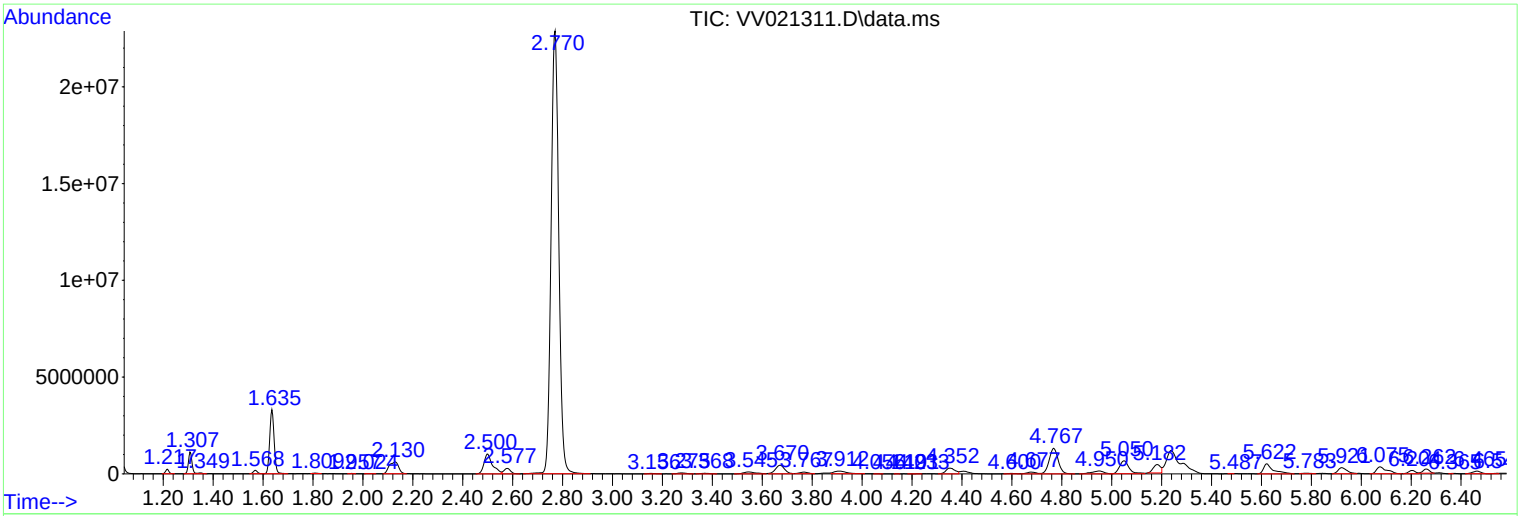
Sum of corrected areas: 88209902

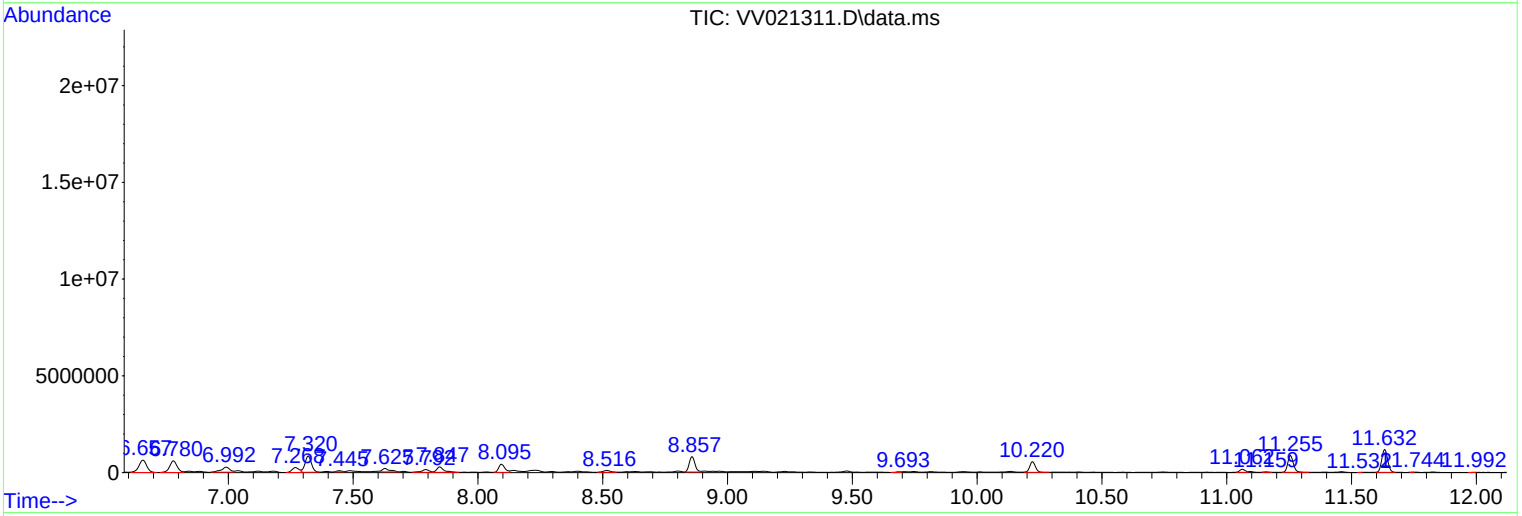
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

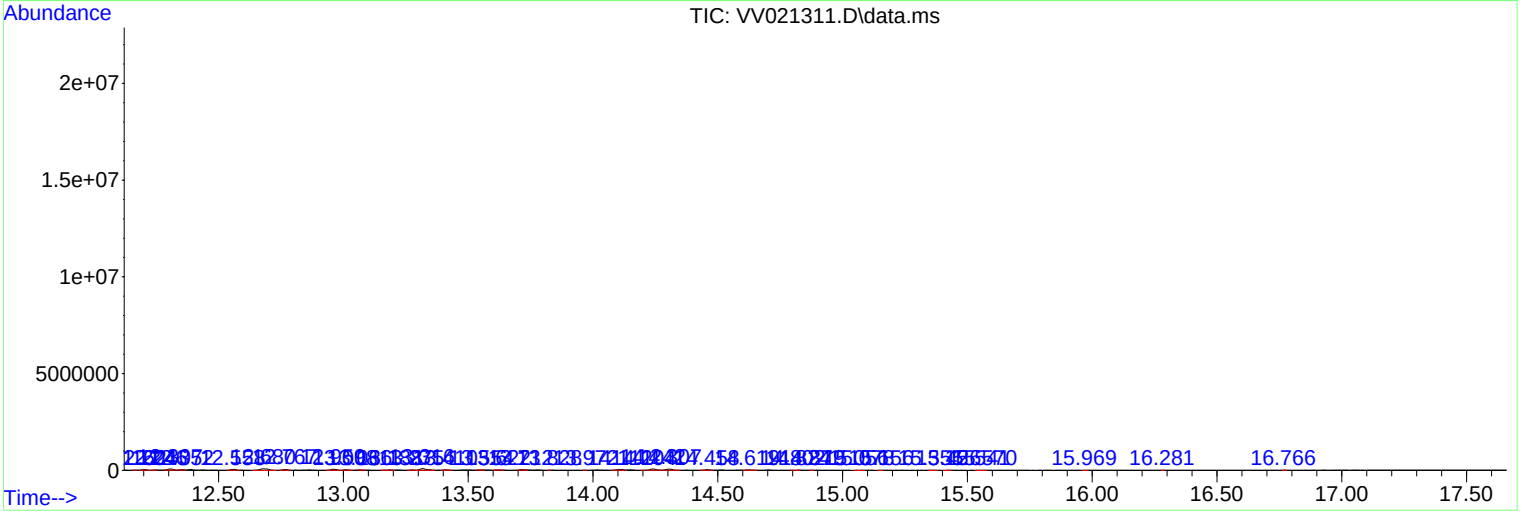
Instrument :
MSVOA_V
ClientSampleId :
F3A00

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

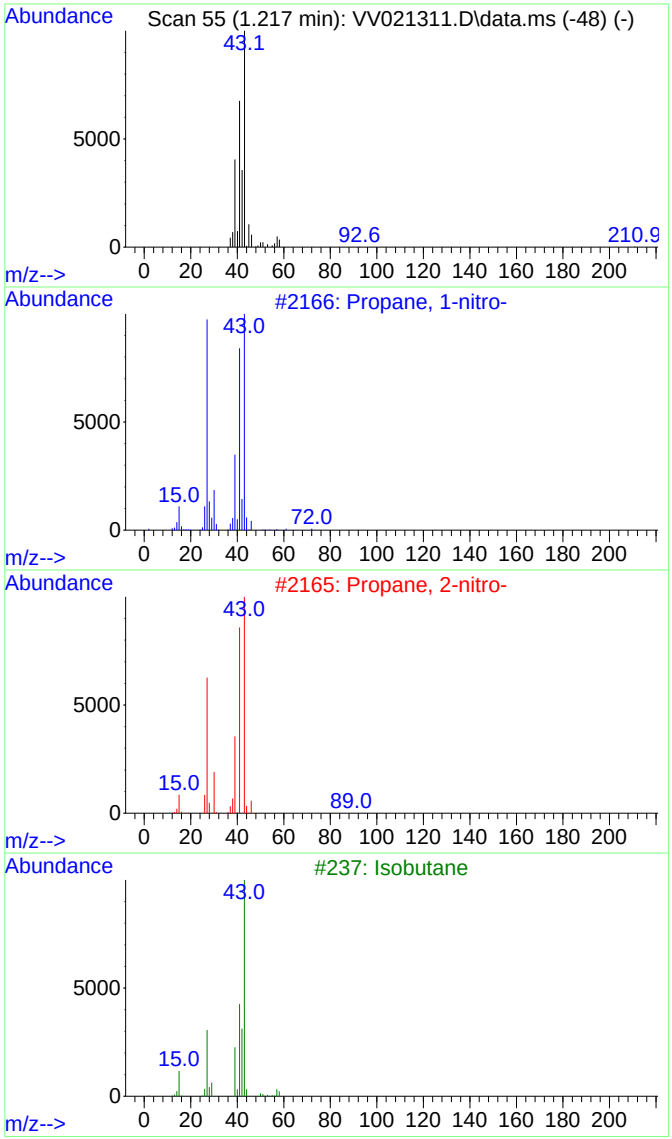
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

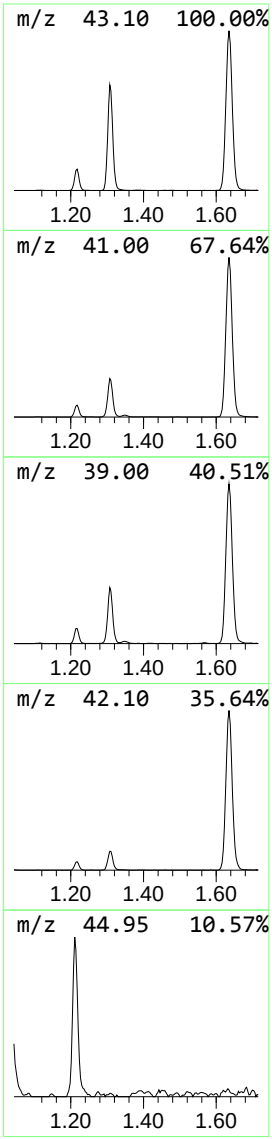
****

Peak Number 1 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	7.69 ug/L	212381	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	36
2	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	28
3	Isobutane	58	C4H10	000075-28-5	9
4	Propene	42	C3H6	000115-07-1	9
5	Isobutane	58	C4H10	000075-28-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

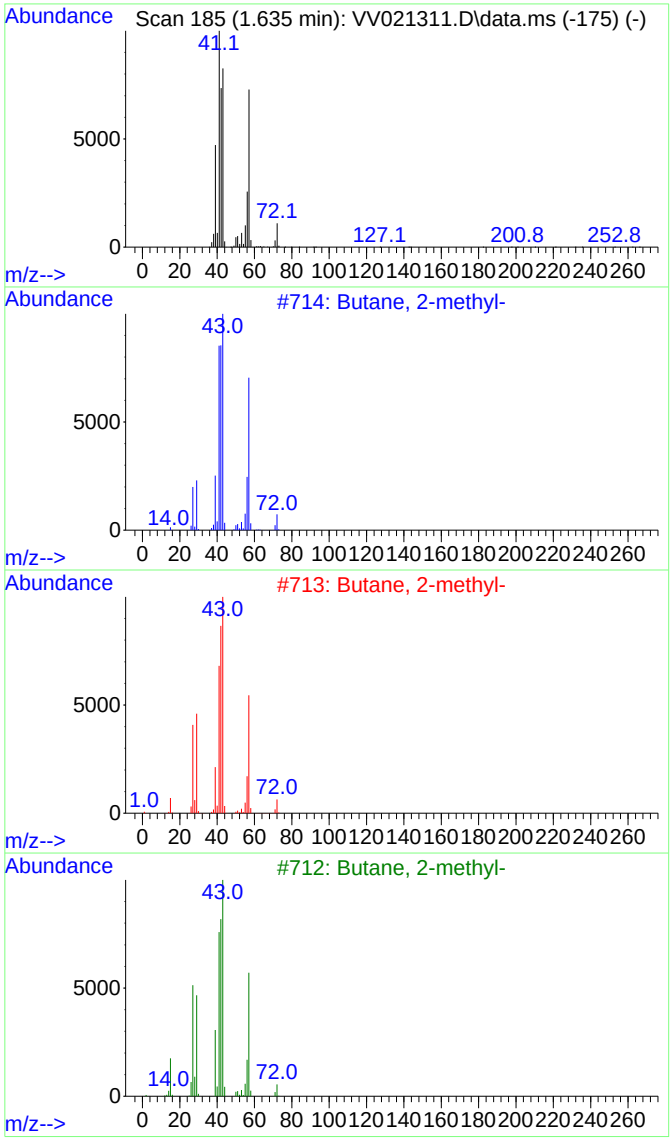
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

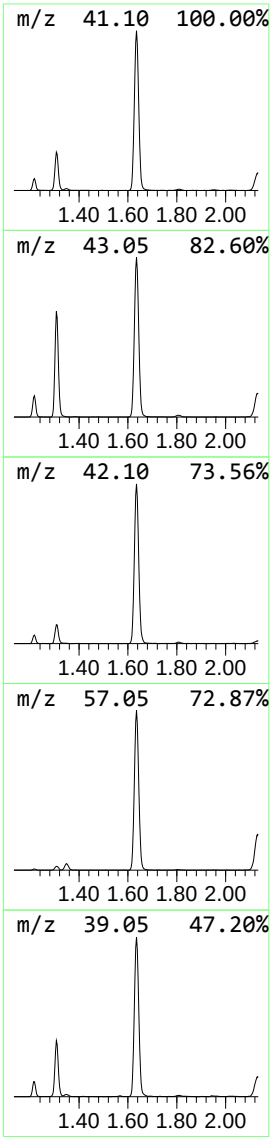
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.635	147.20 ug/L	4062940	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	58
2	Butane, 2-methyl-	72	C5H12	000078-78-4	58
3	Butane, 2-methyl-	72	C5H12	000078-78-4	47
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	27
5	3-Buten-1-ol	72	C4H8O	000627-27-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

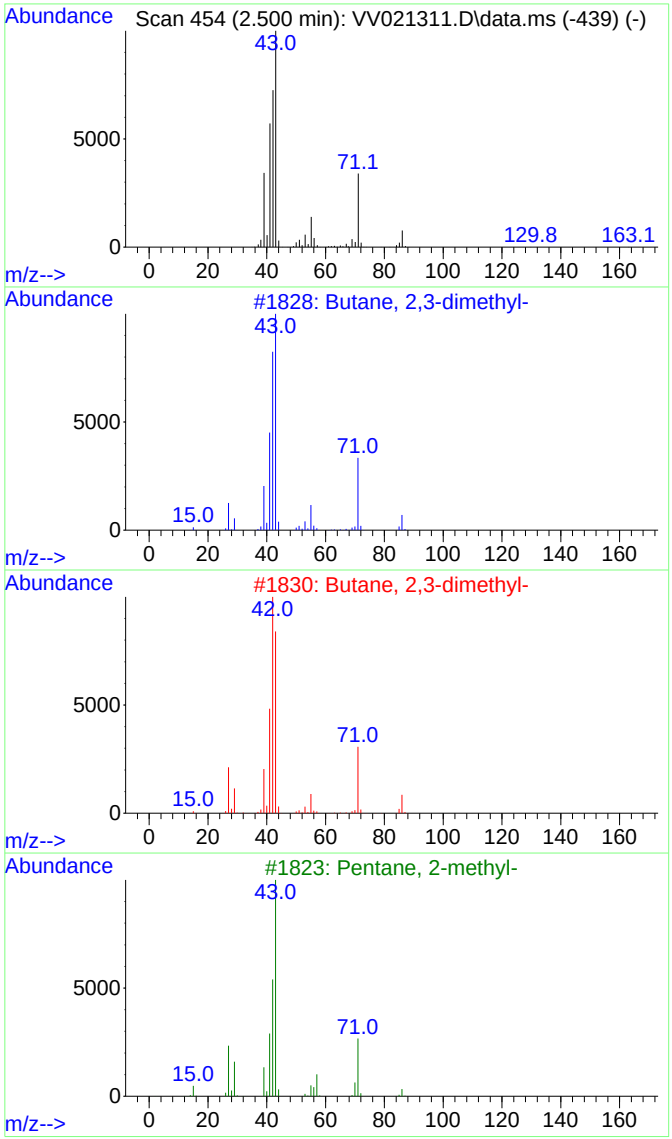
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

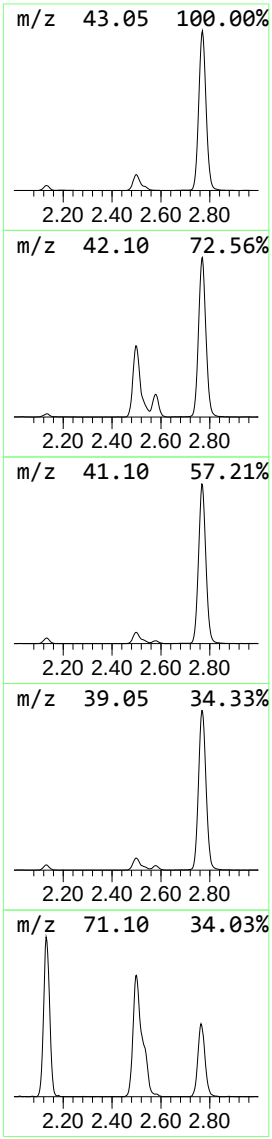
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.500	87.72 ug/L	2421010	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	40
4	1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	28
5	Pentane	72	C5H12	000109-66-0	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

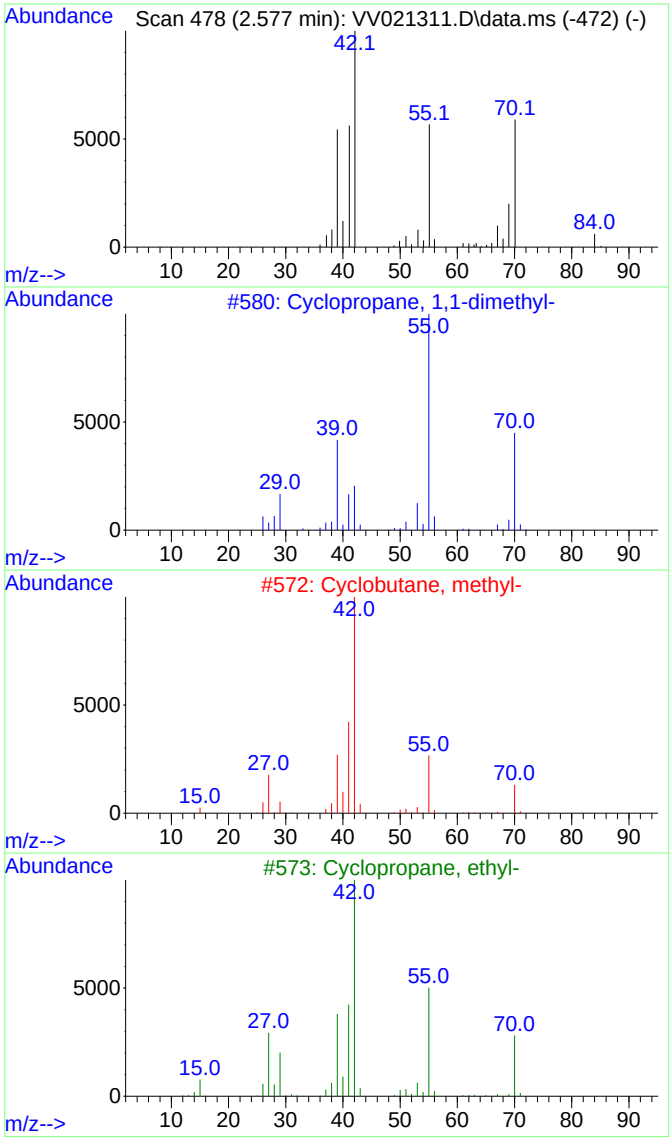
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

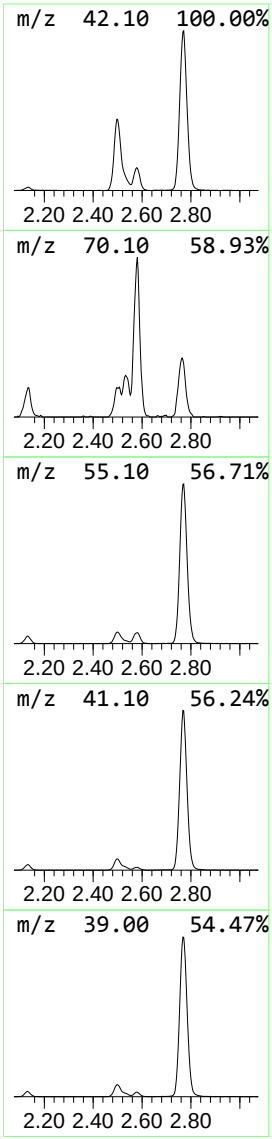
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic2.577 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.577	17.93 ug/L	494947	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	60
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	52
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	52
4	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	50
5	2-Pentene, (E)-	70	C5H10	000646-04-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F3A00

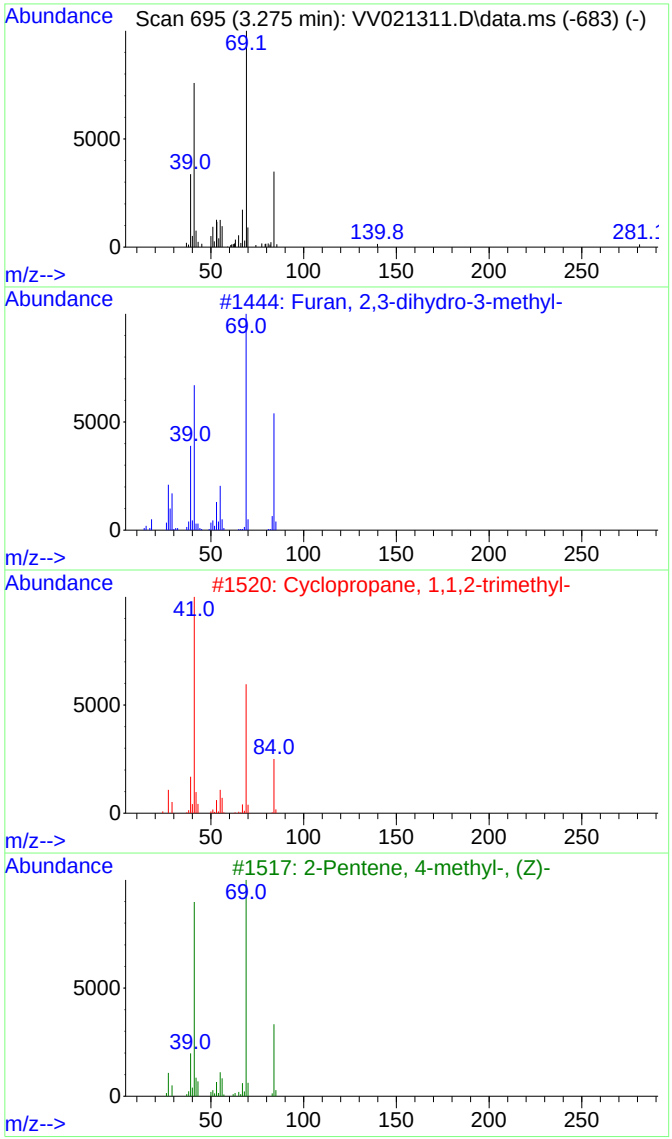
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

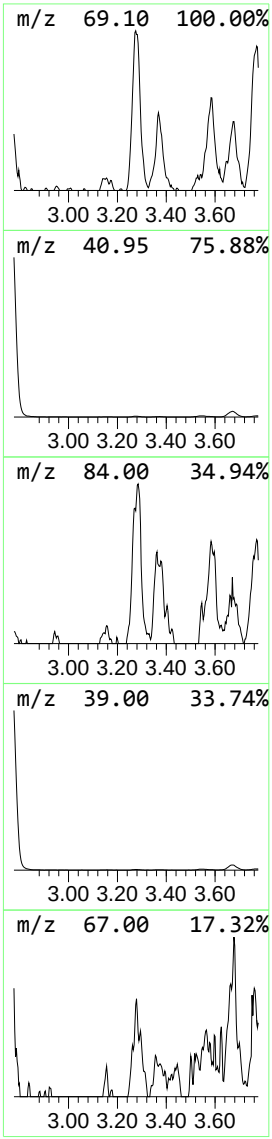
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Furan, 2,3-dihydro-3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.275	3.77 ug/L	104019	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	80
2	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	72
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	72
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	72
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	72





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Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

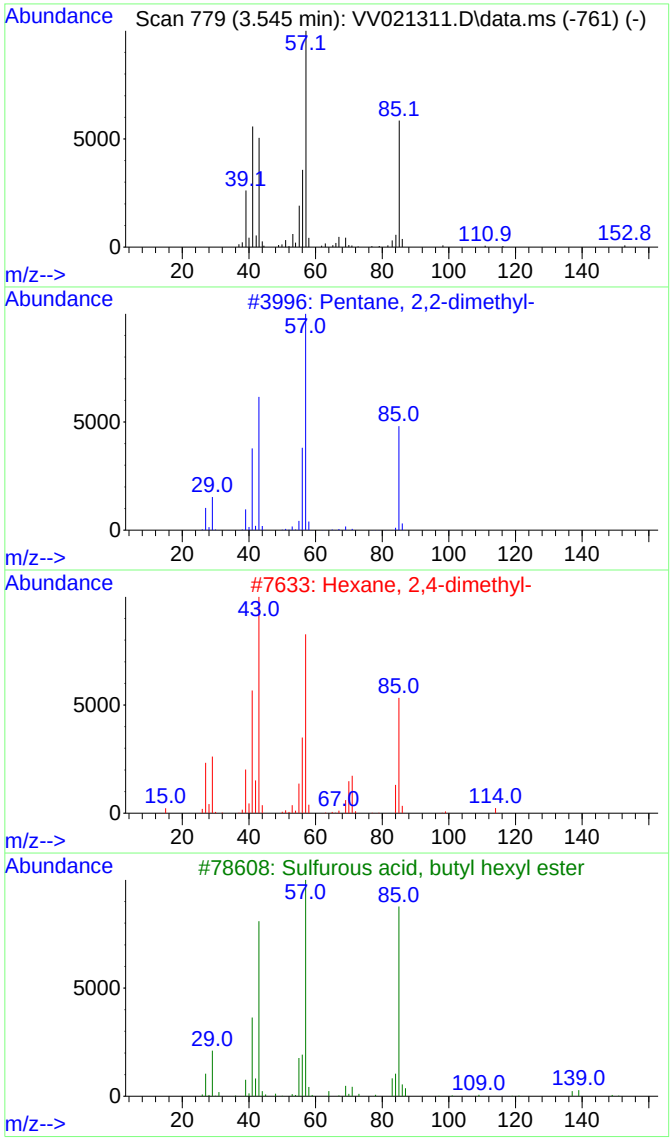
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

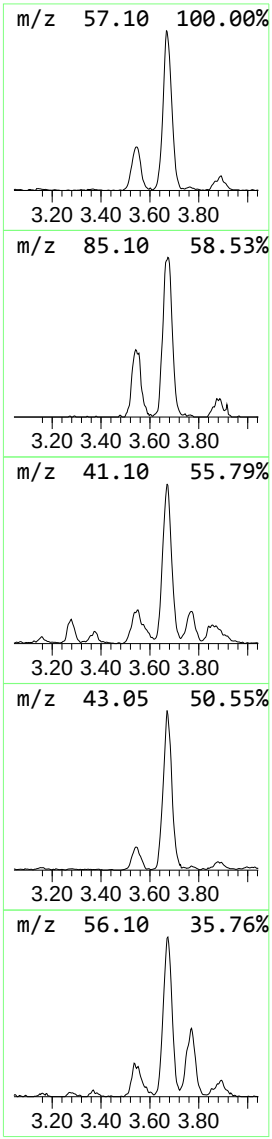
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.545	12.03 ug/L	332128	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3	Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	64
4	Pyrrolidine, 1-methyl-	85	C5H11N	000120-94-5	53
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





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Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

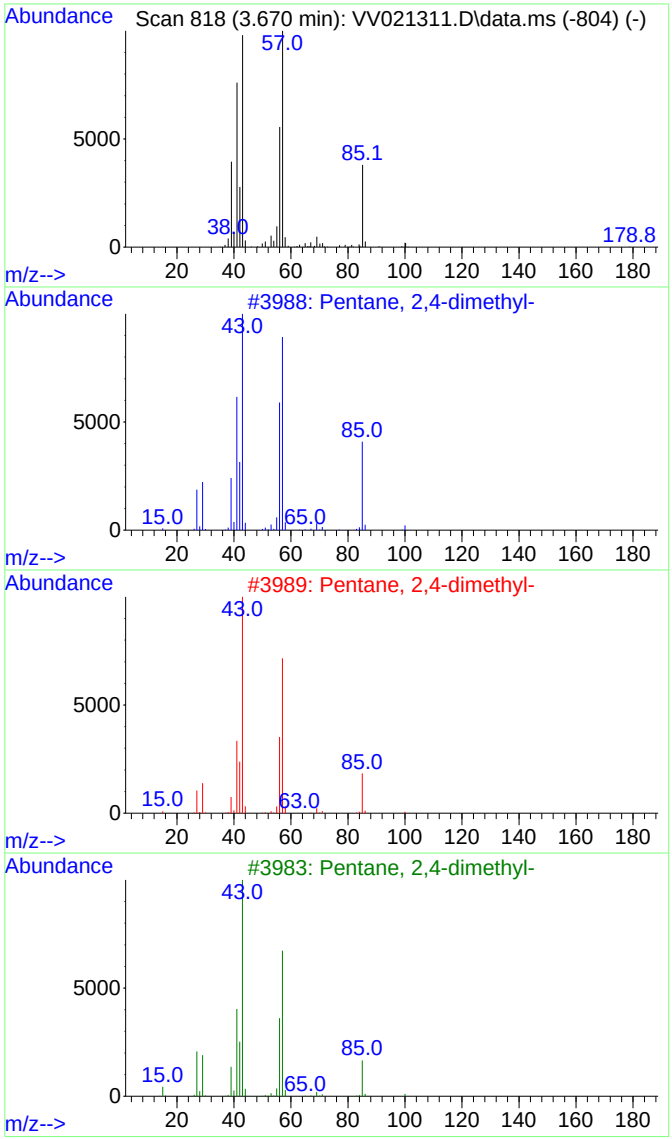
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

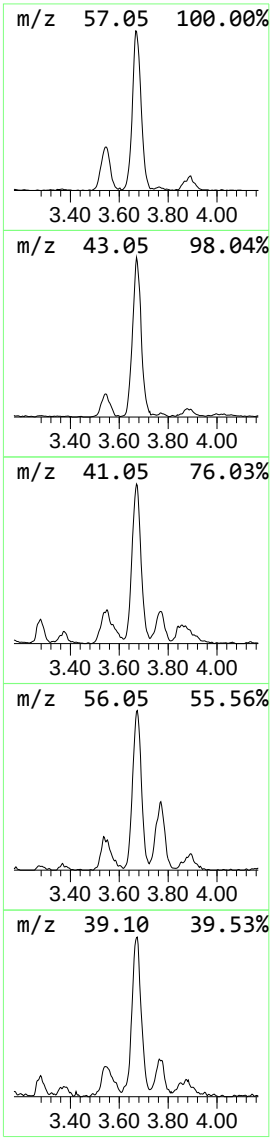
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.670	40.86 ug/L	1127790	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	93
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	53
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	53
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50





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Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

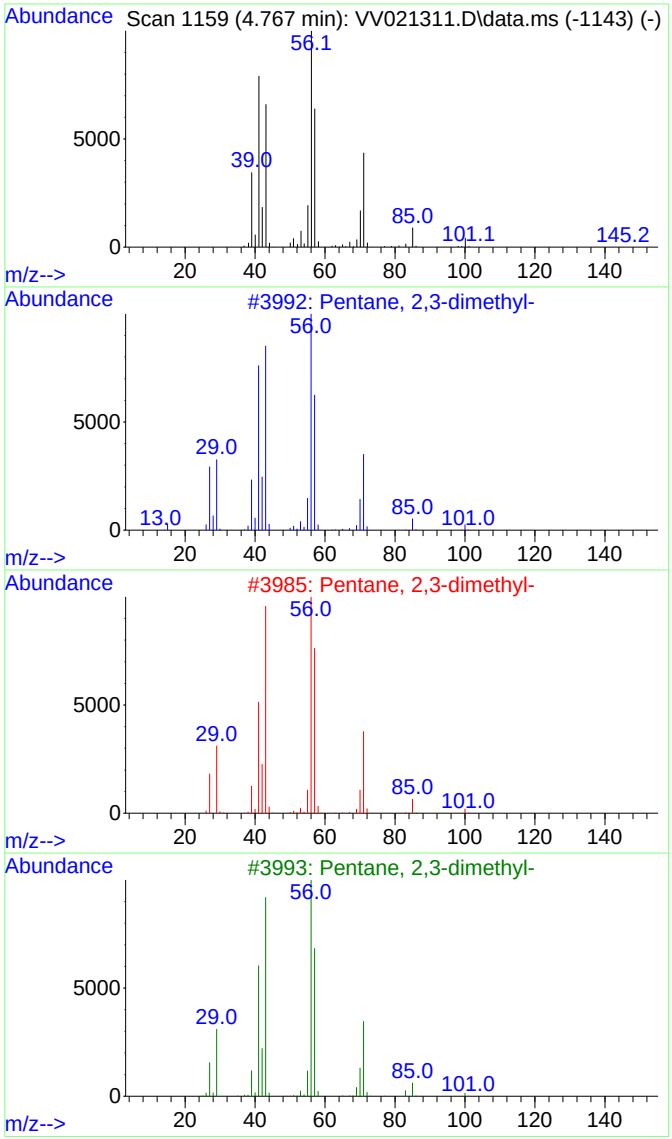
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

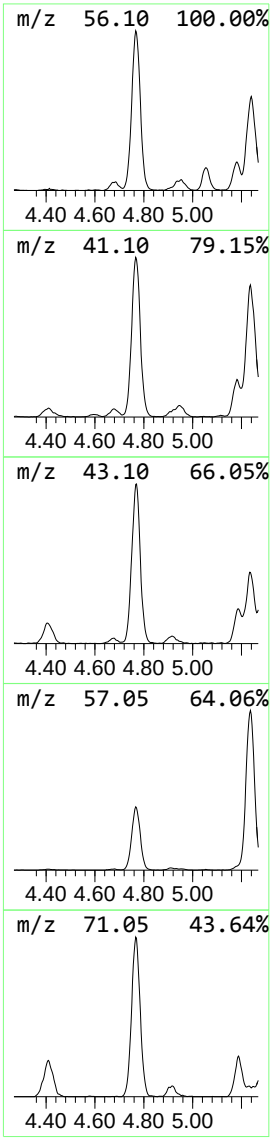
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.767	119.64 ug/L	3302050	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

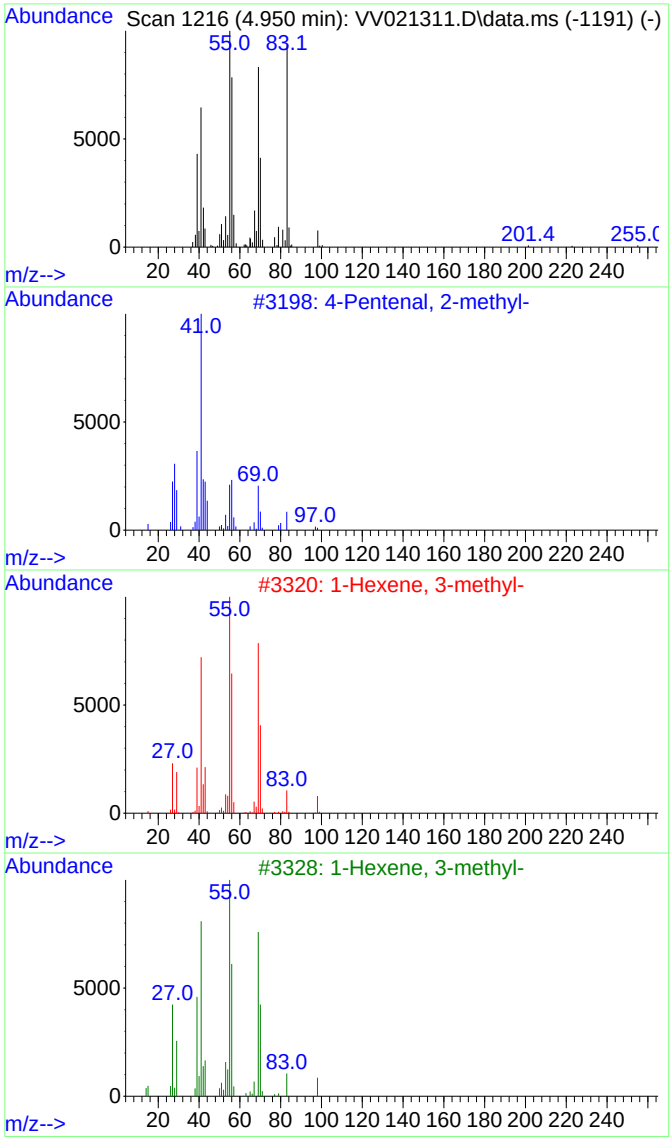
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

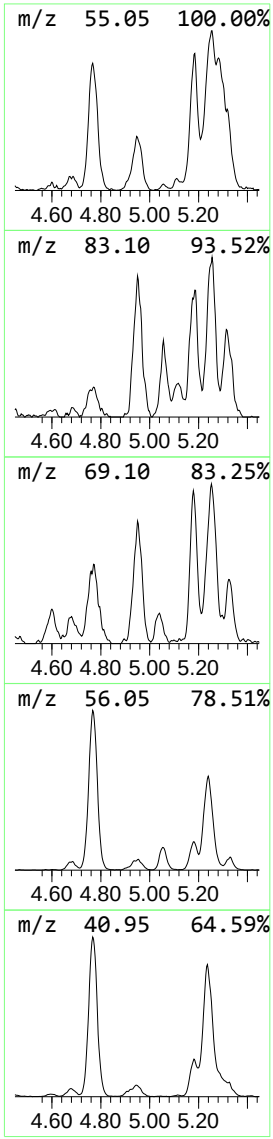
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4-Pentenal, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.950	17.69 ug/L	488352	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	50
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	49
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	49
4	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	38
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

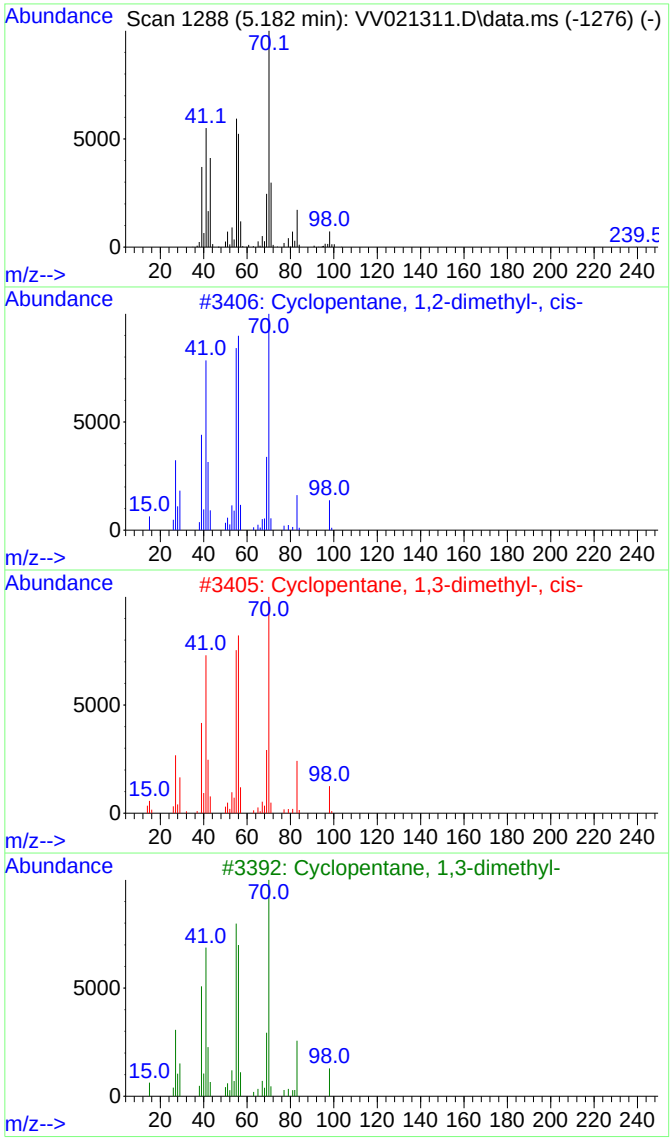
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

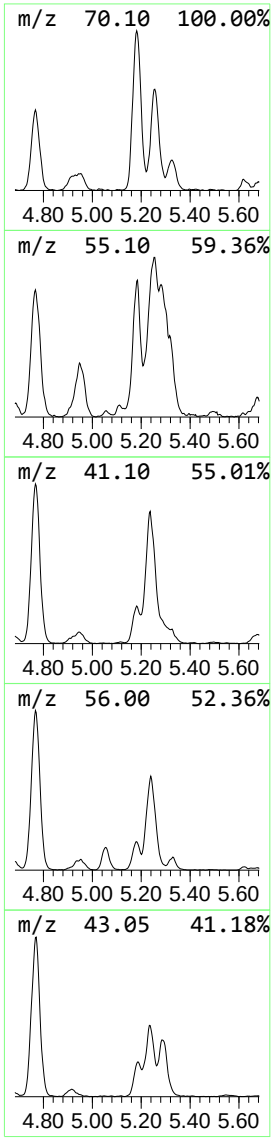
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic5.182 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.182	33.09 ug/L	913337	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	70
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	70
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	58
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

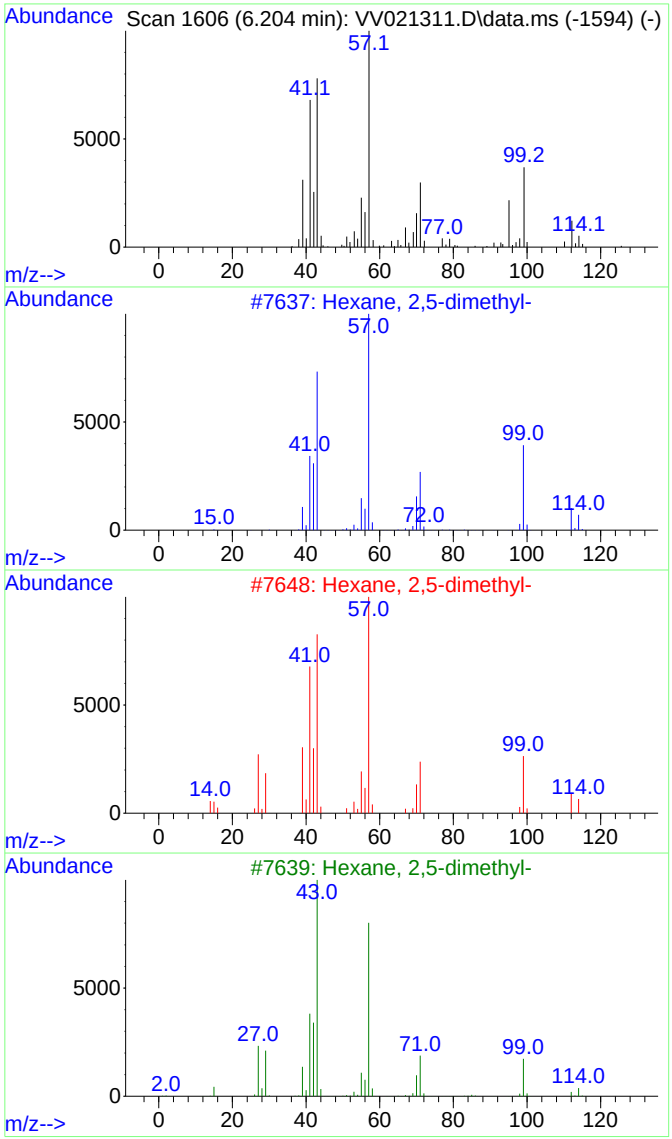
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

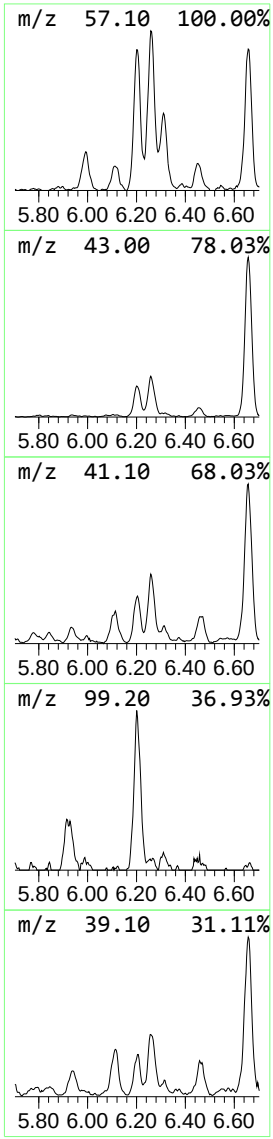
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.204	12.01 ug/L	331566	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	70
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43
4	Hexanoyl chloride	134	C6H11ClO	000142-61-0	38
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

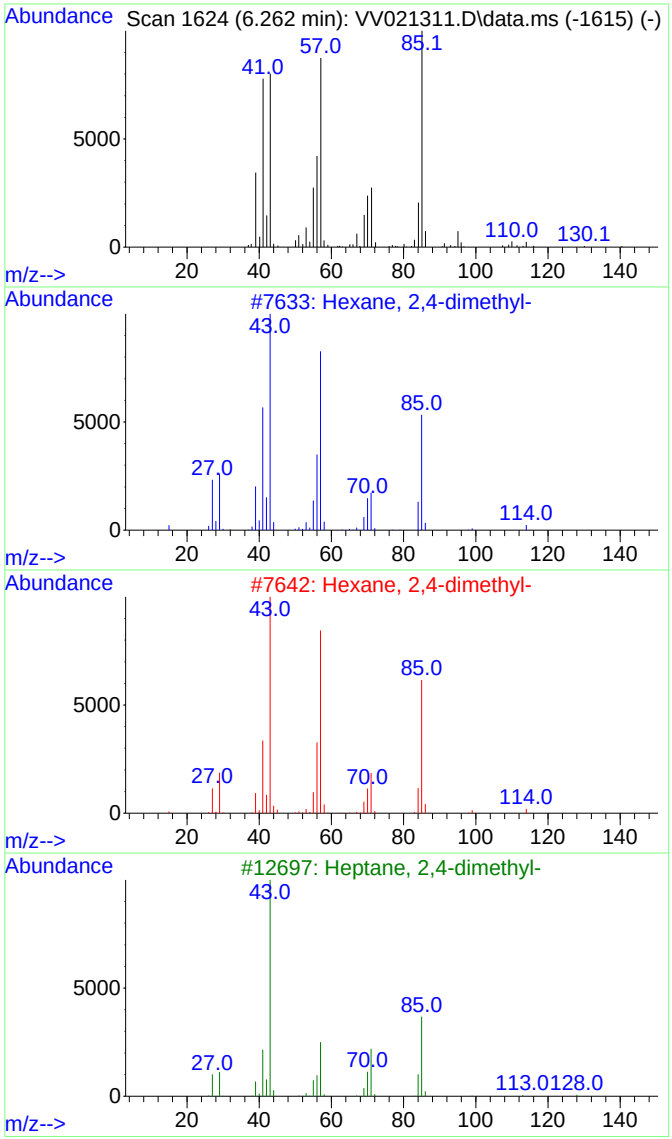
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

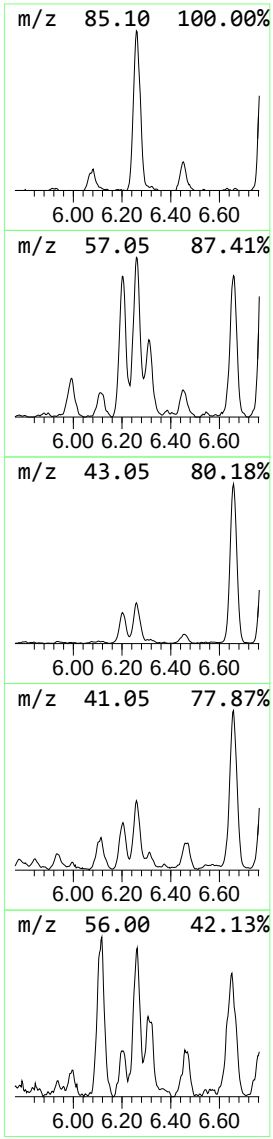
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.262	13.97 ug/L	385526	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
5	2-Butene, 1,4-diethoxy-	144	C8H16O2	007250-85-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F3A00

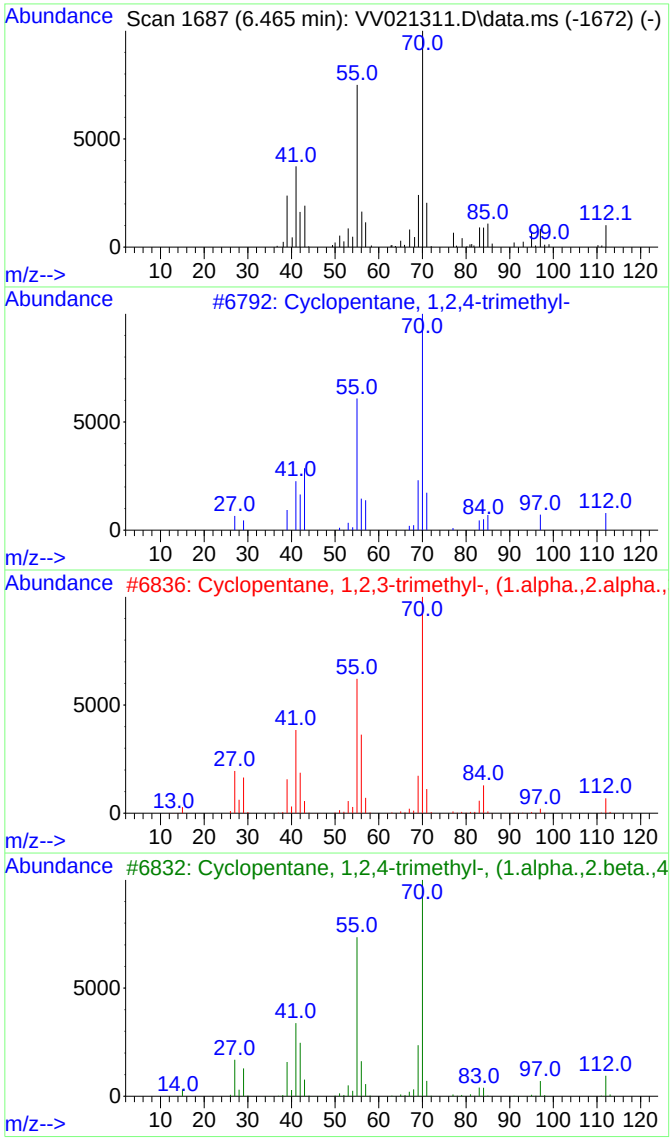
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

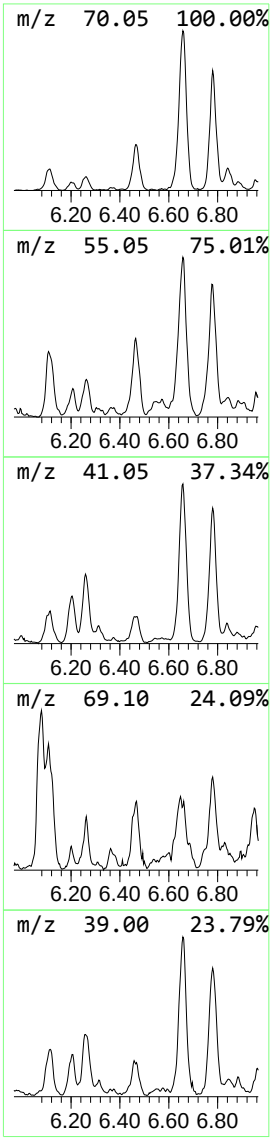
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic6.465 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.465	11.52 ug/L	318019	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	64
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	58
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

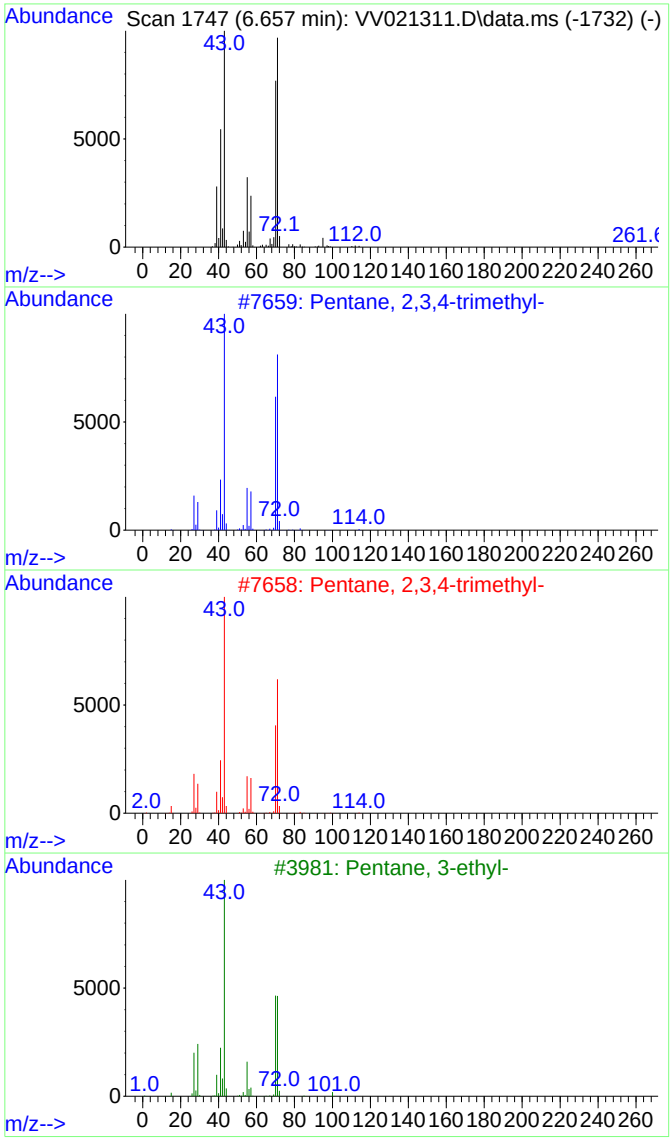
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

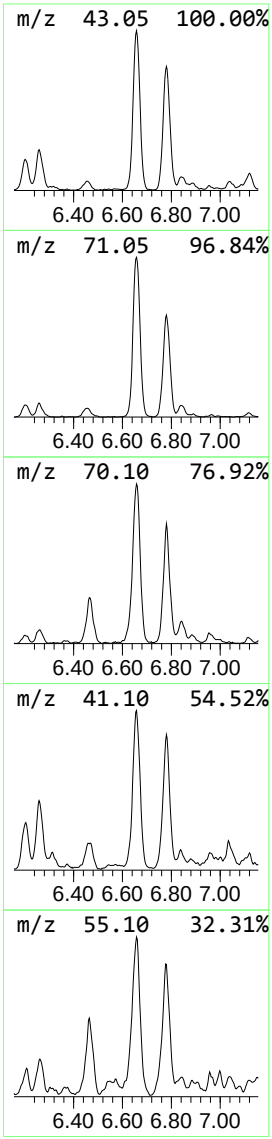
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.657	51.28 ug/L	1415480	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72





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Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

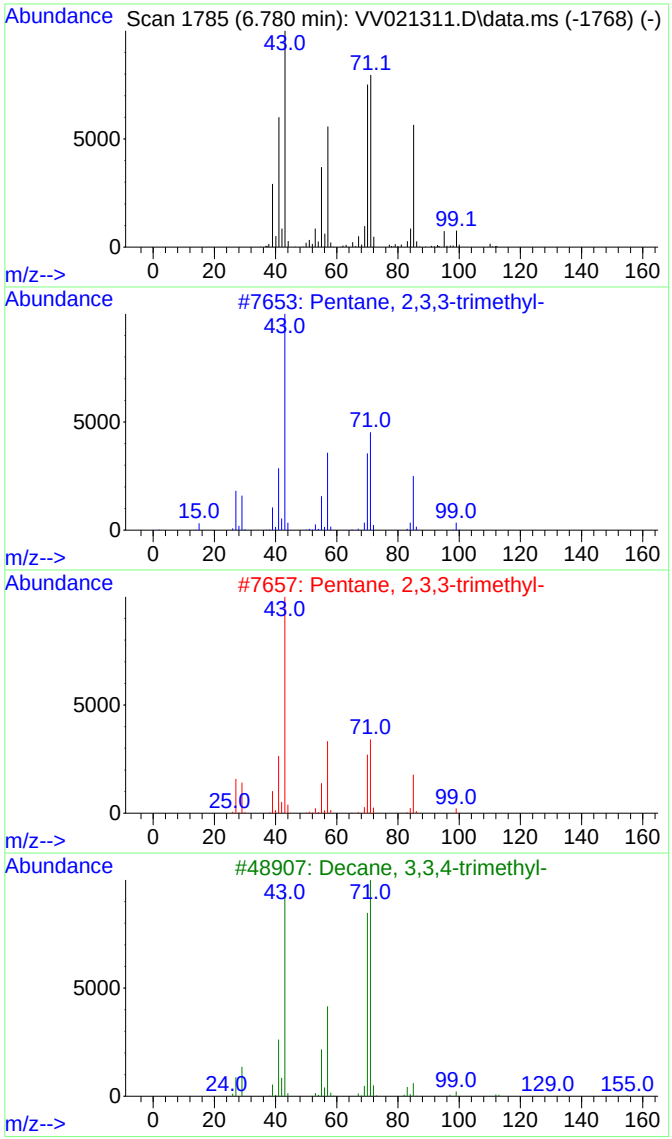
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

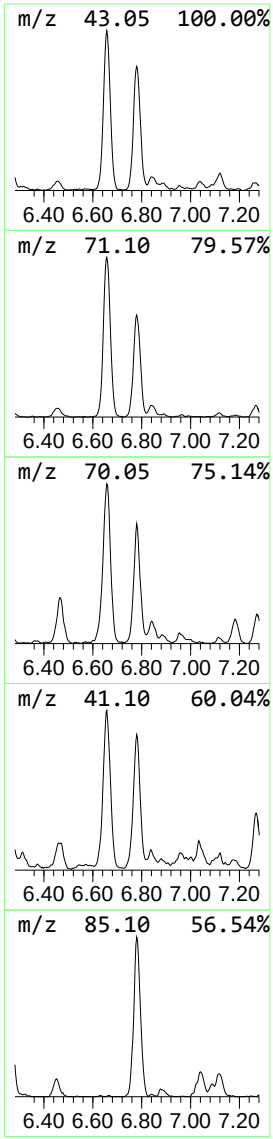
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.780	45.70 ug/L	1261350	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
4	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	59
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

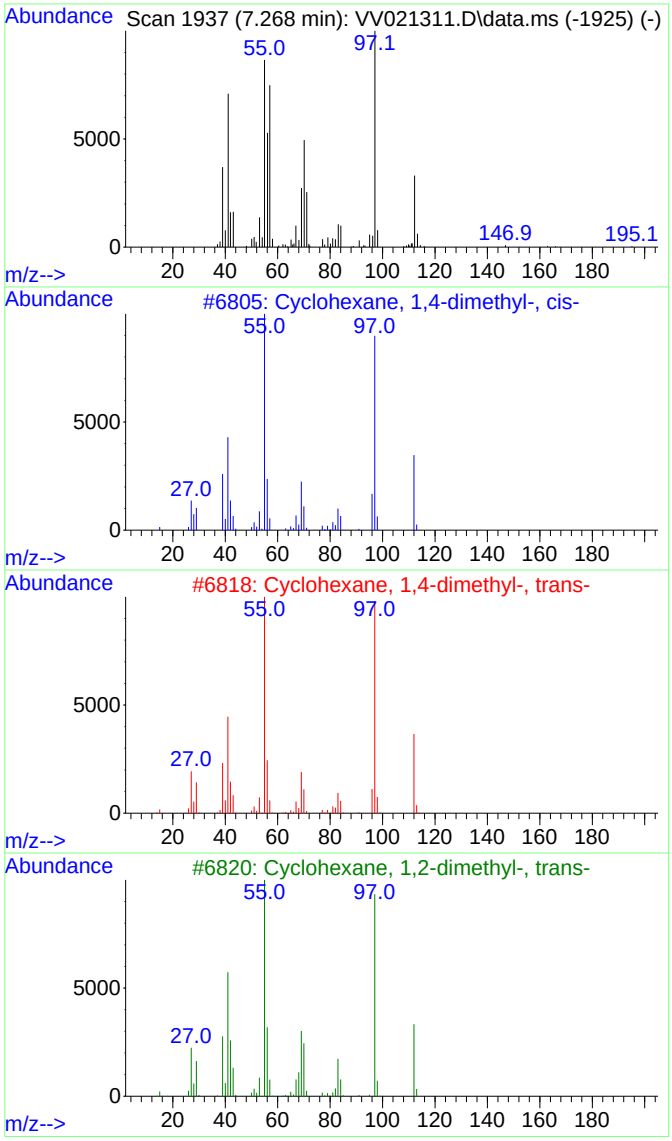
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

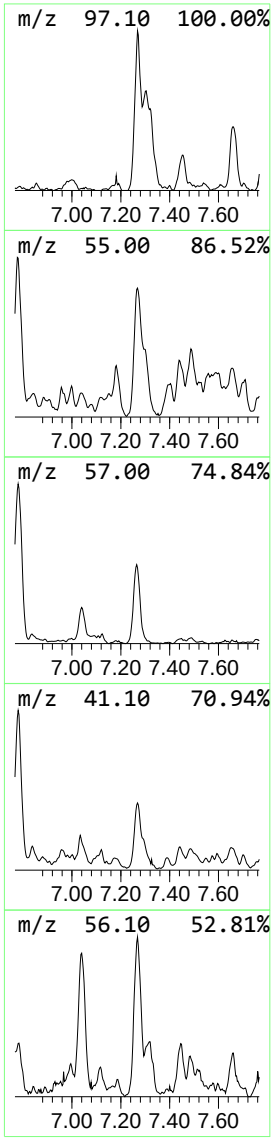
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic7.268 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.268	19.73 ug/L	496145	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	60
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	58
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	52
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	49
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

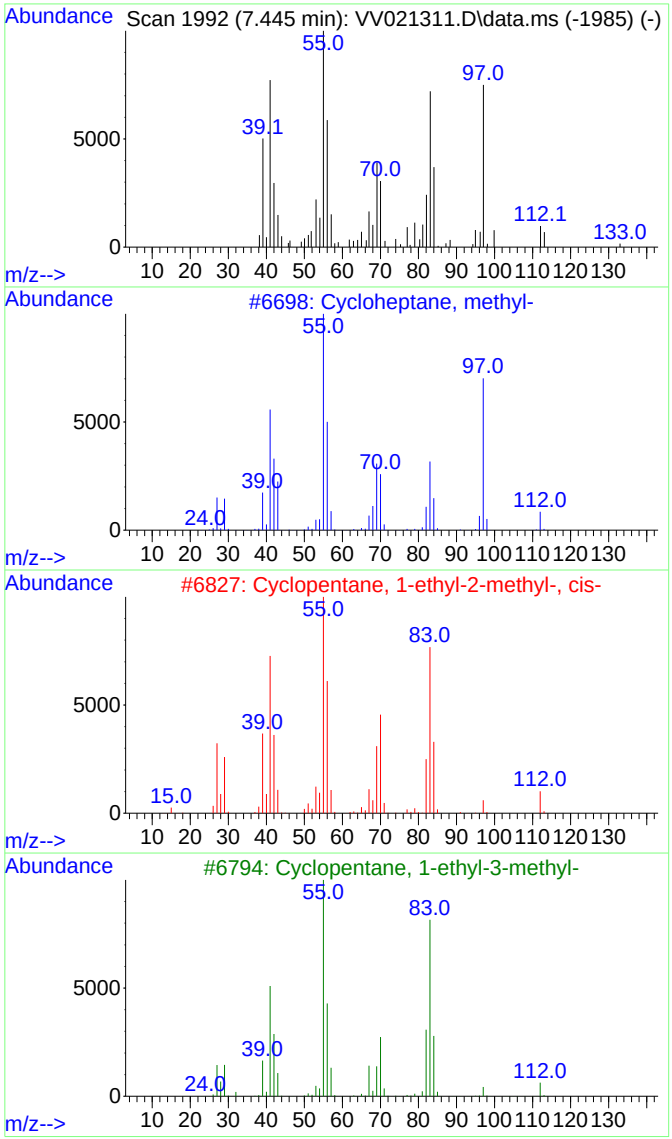
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

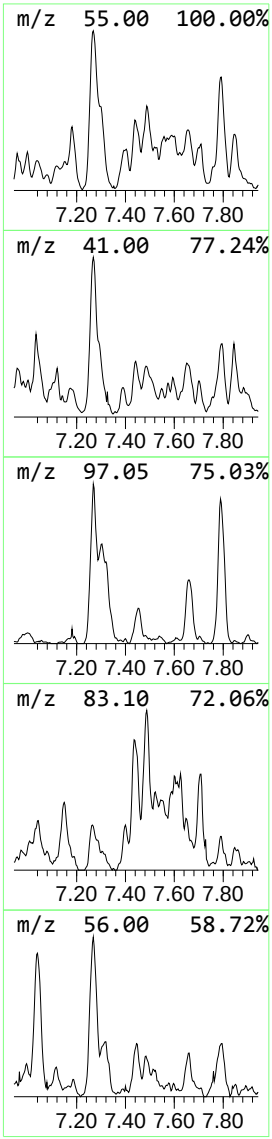
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic7.445 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.445	3.68 ug/L	92673	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	76
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	64
3	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	55
4	Cycloheptane, methyl-	112	C8H16	004126-78-7	53
5	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	49





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Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

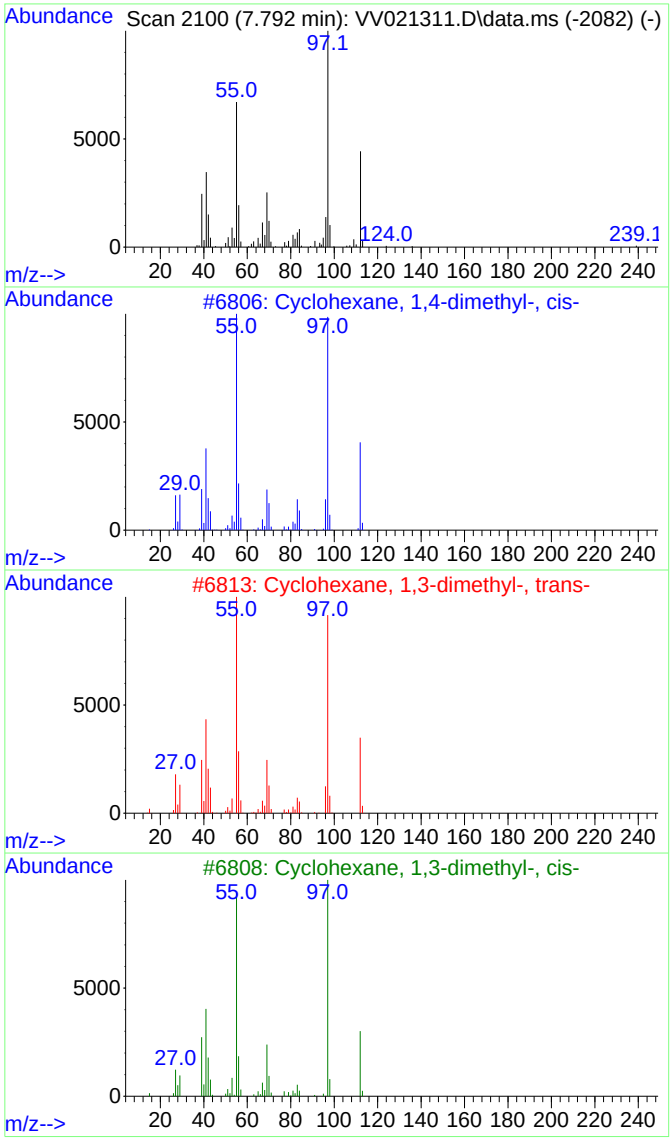
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

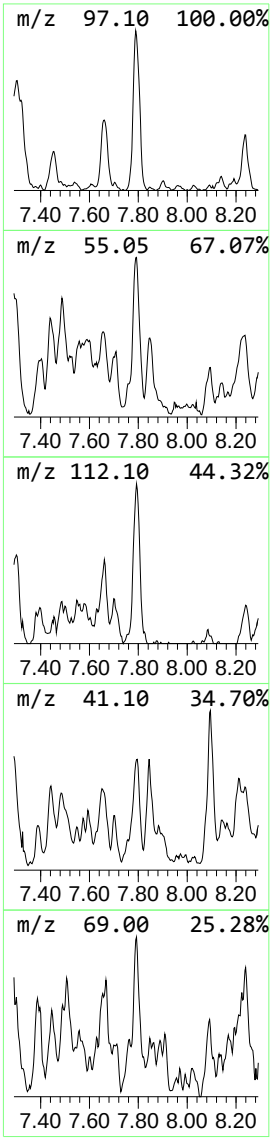
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic7.792 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.792	12.31 ug/L	309591	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	83
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	81





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Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

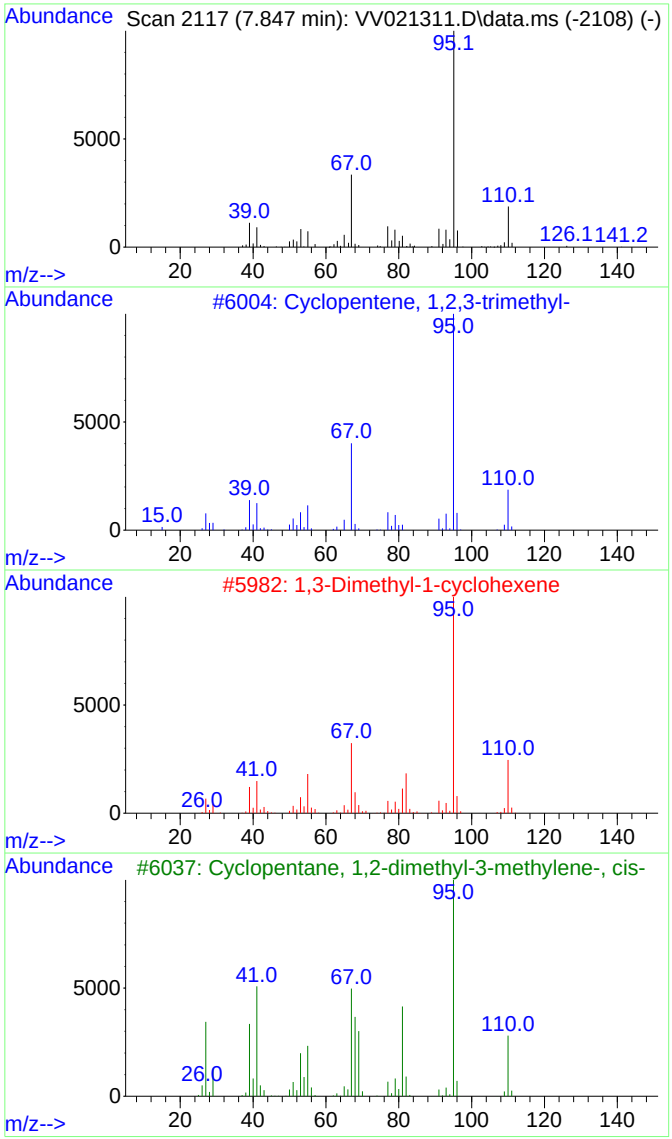
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

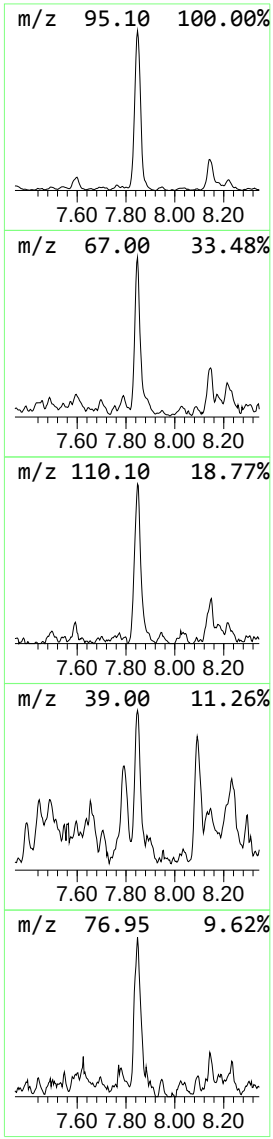
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.847	22.55 ug/L	567024	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	87
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	86
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	86
5	Bicyclo[2.2.1]heptane, 2-(2-prop...	136	C10H16	002633-80-9	72





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Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

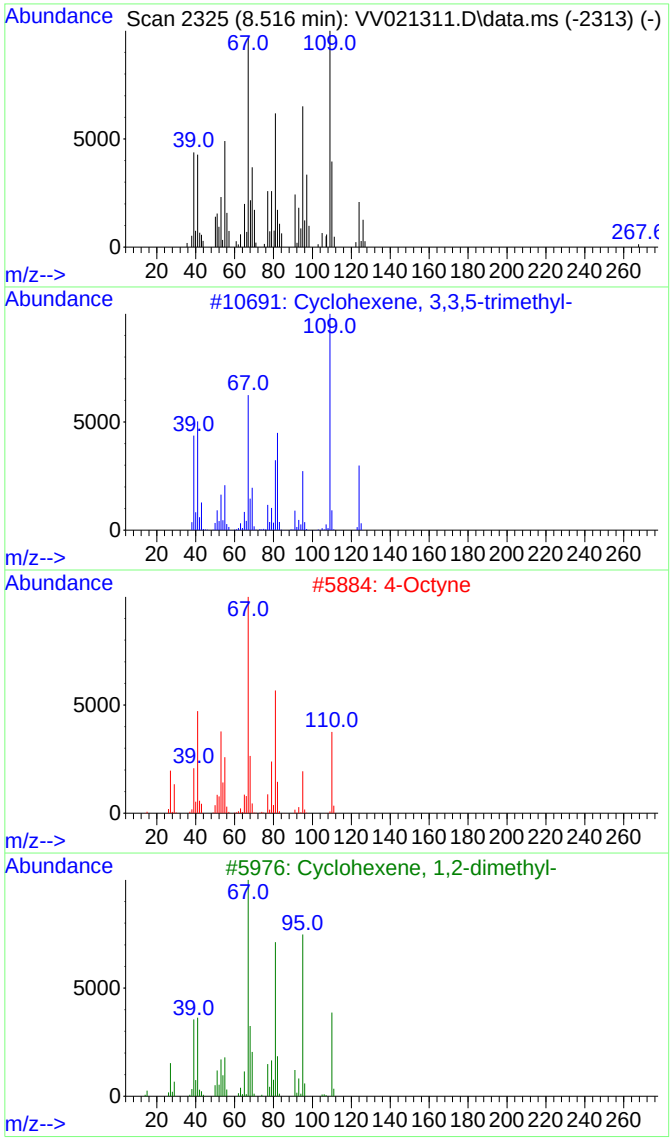
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

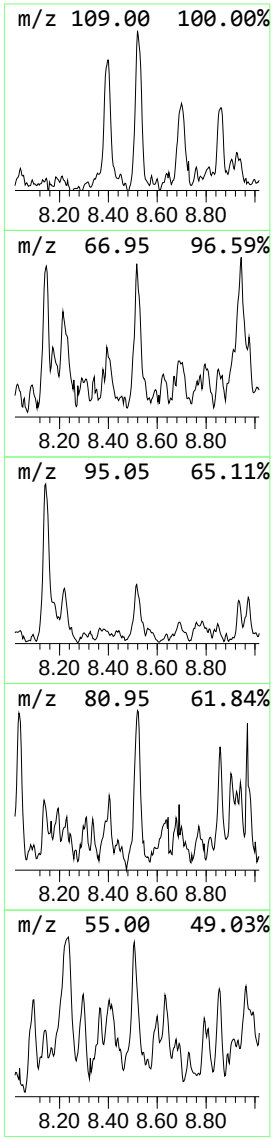
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclohexene, 3,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	8.10 ug/L	203644	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	64
2	4-Octyne	110	C8H14	001942-45-6	46
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	43
4	1-Methylcycloheptene	110	C8H14	055308-20-8	43
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

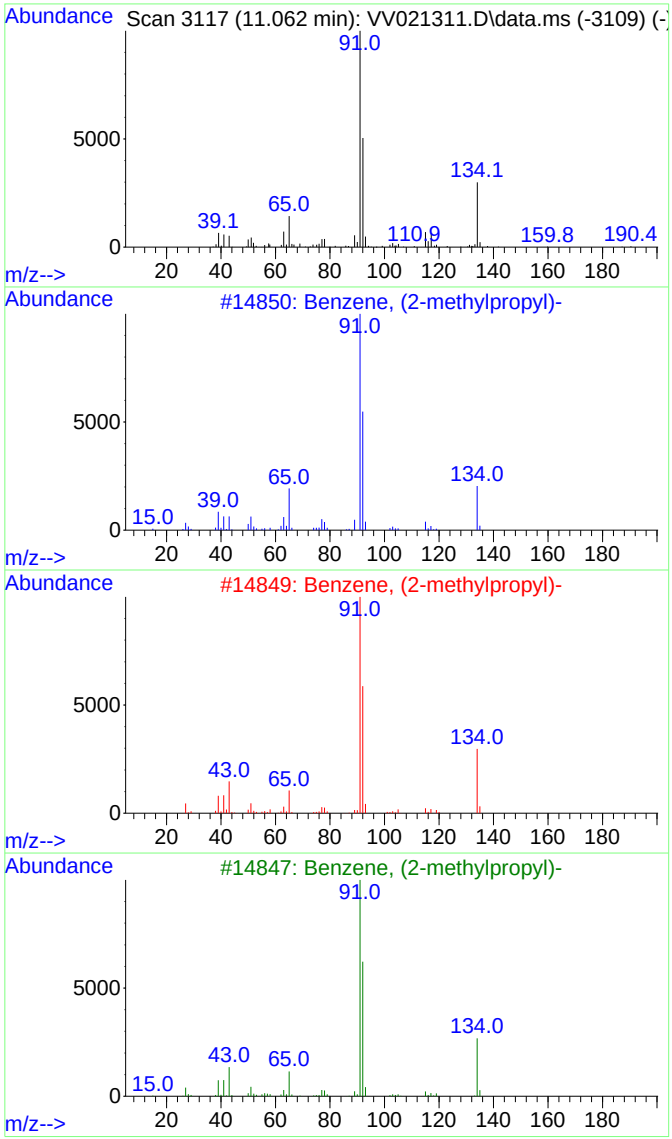
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

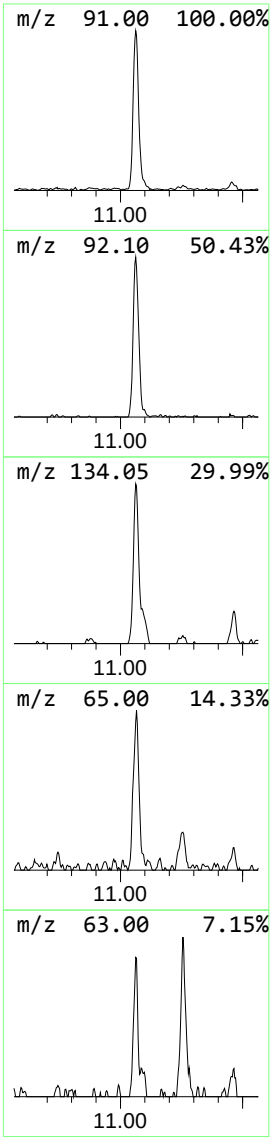
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, (2-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	8.29 ug/L	228436	1,4-Dichlorobenzene-d4	11.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	80
4	Benzene, butyl-	134	C10H14	000104-51-8	72
5	Naphthalene, 1,2,3,4,4a,8a-hexah...	134	C10H14	062690-62-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

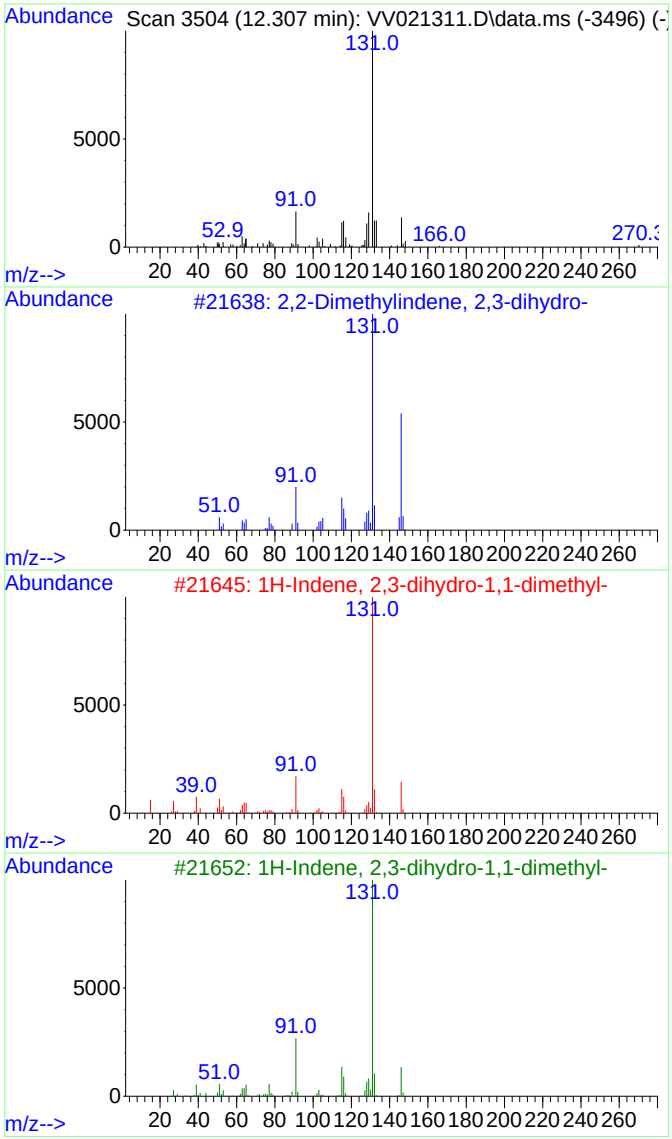
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

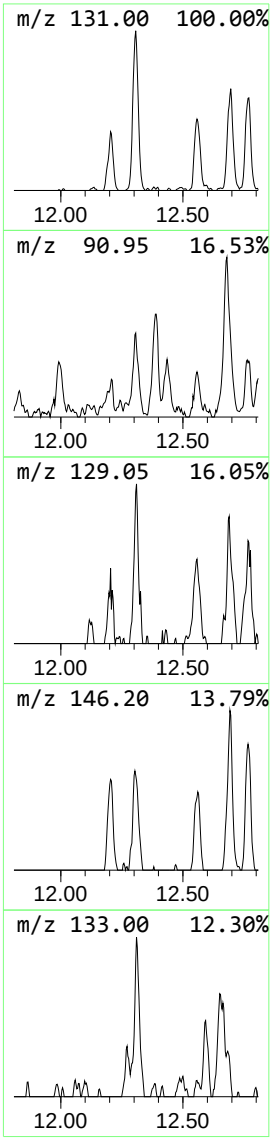
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2,2-Dimethylindene, 2,3-dih... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.307	3.17 ug/L	87236	1,4-Dichlorobenzene-d4	11.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	80
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

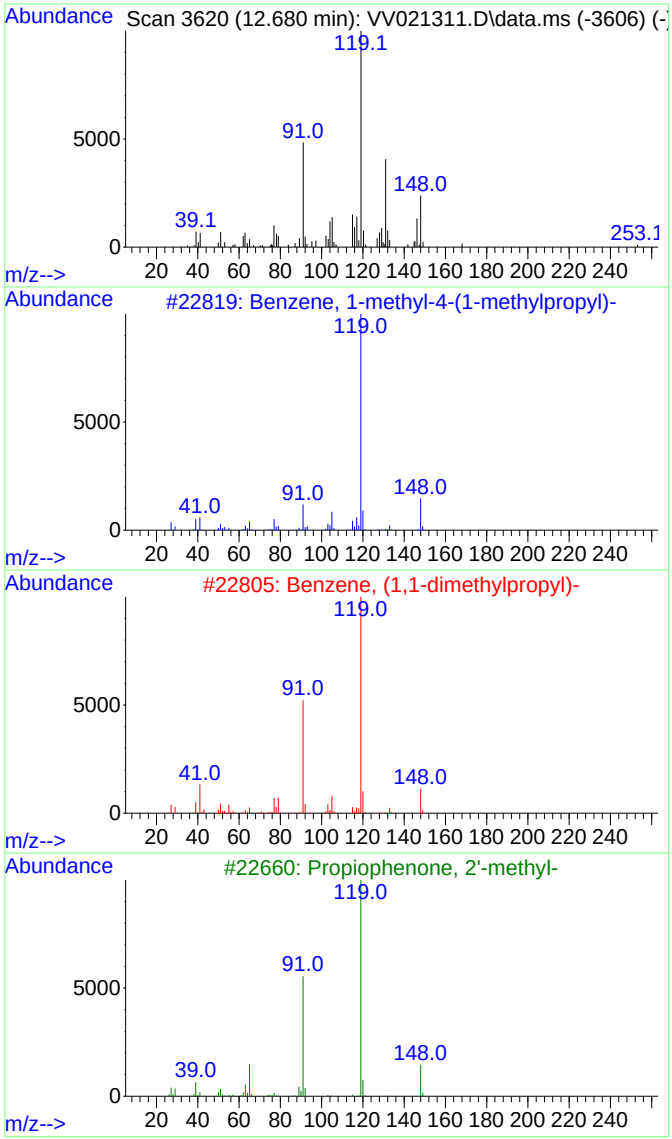
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

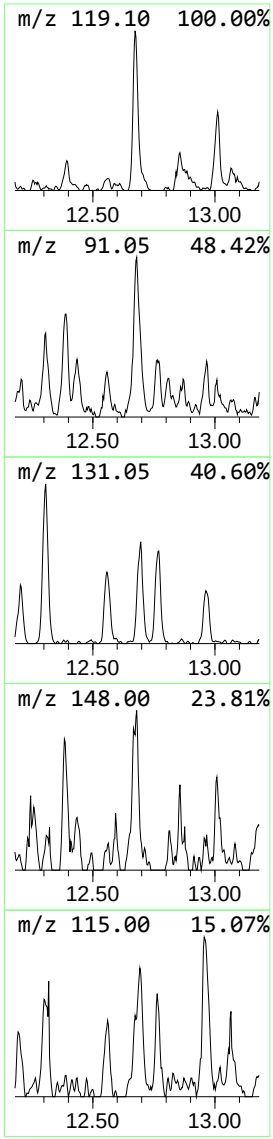
****

Peak Number 25 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	7.10 ug/L	195476	1,4-Dichlorobenzene-d4	11.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
3	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	38
4	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	38
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35





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Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

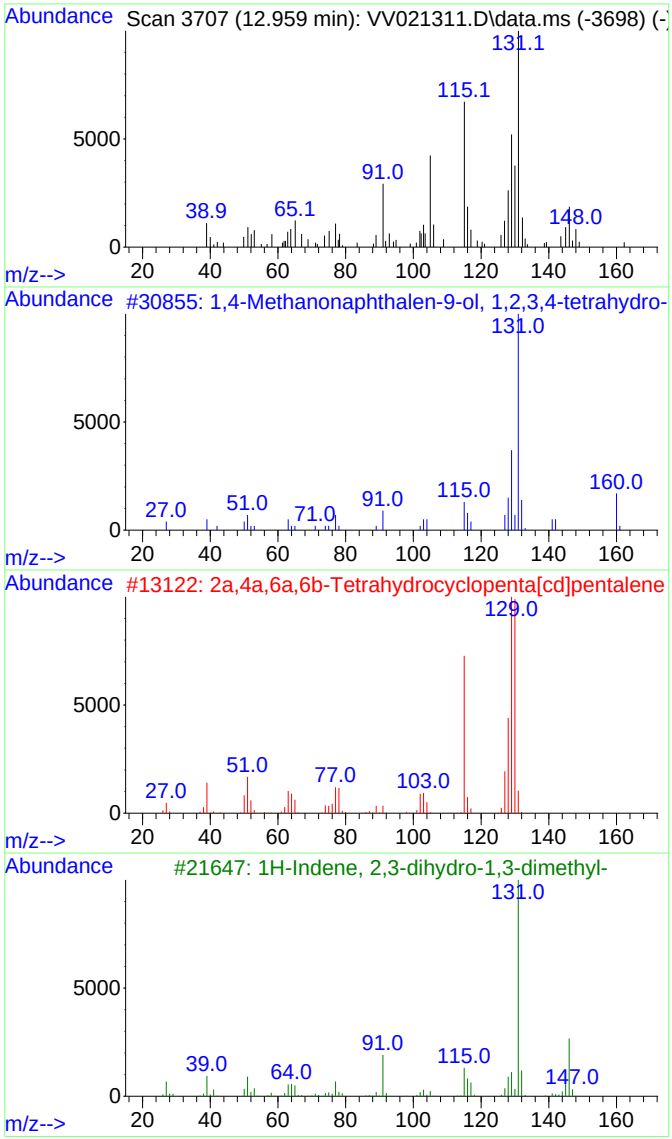
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

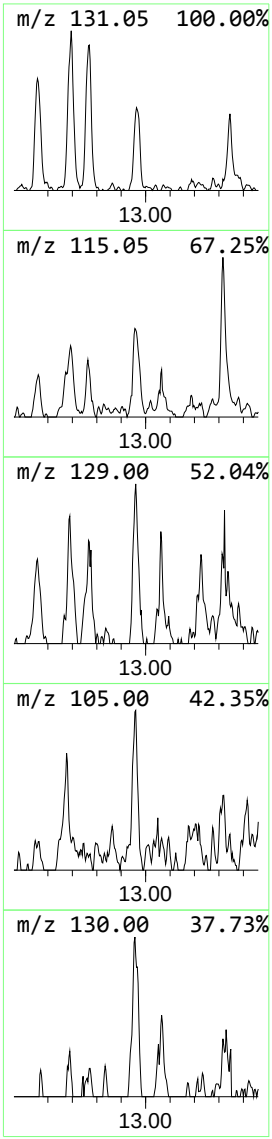
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1,4-Methanonaphthalen-9-ol,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.960	3.09 ug/L	85141	1,4-Dichlorobenzene-d4	11.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	53
2	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	46
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	46
4	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	43
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43





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Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

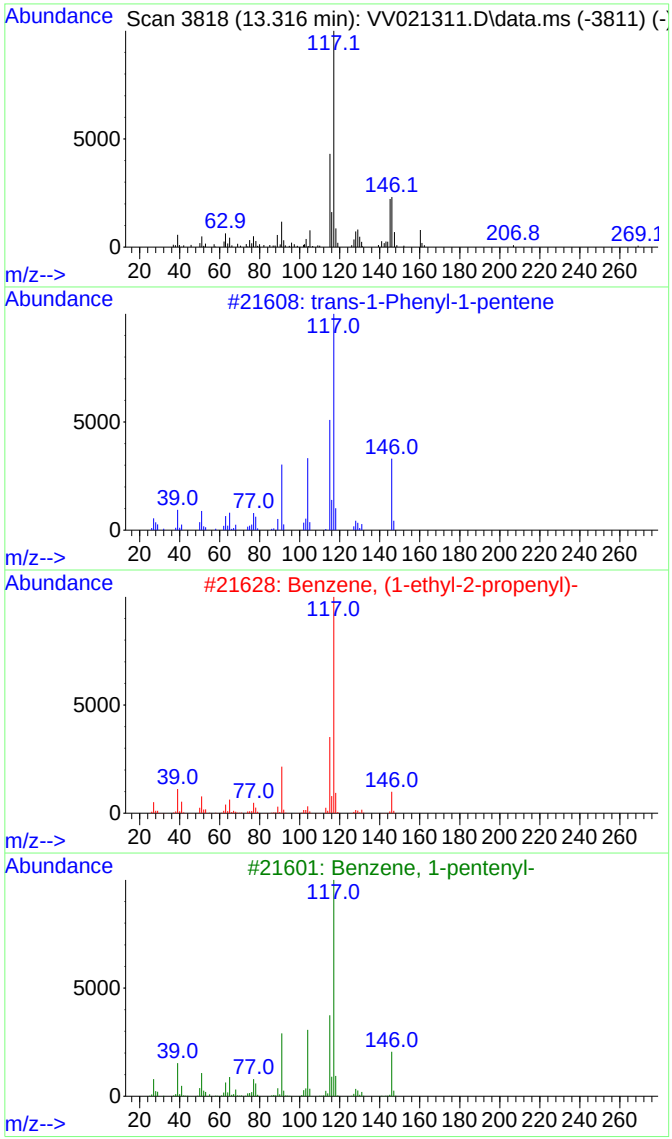
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

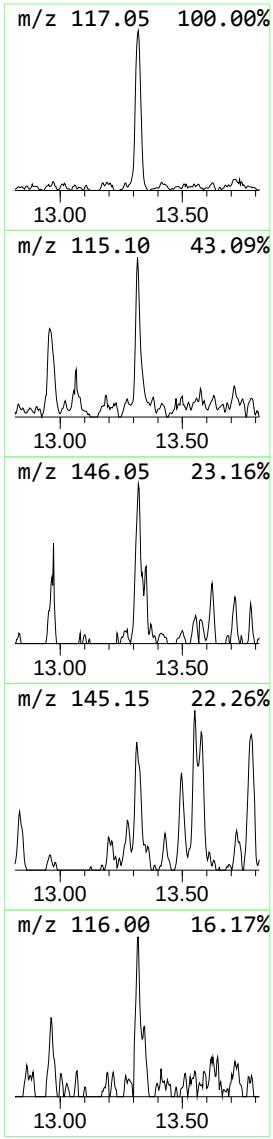
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 trans-1-Phenyl-1-pentene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	5.56 ug/L	153000	1,4-Dichlorobenzene-d4	11.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	74
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	72
4	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	53
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	52





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Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

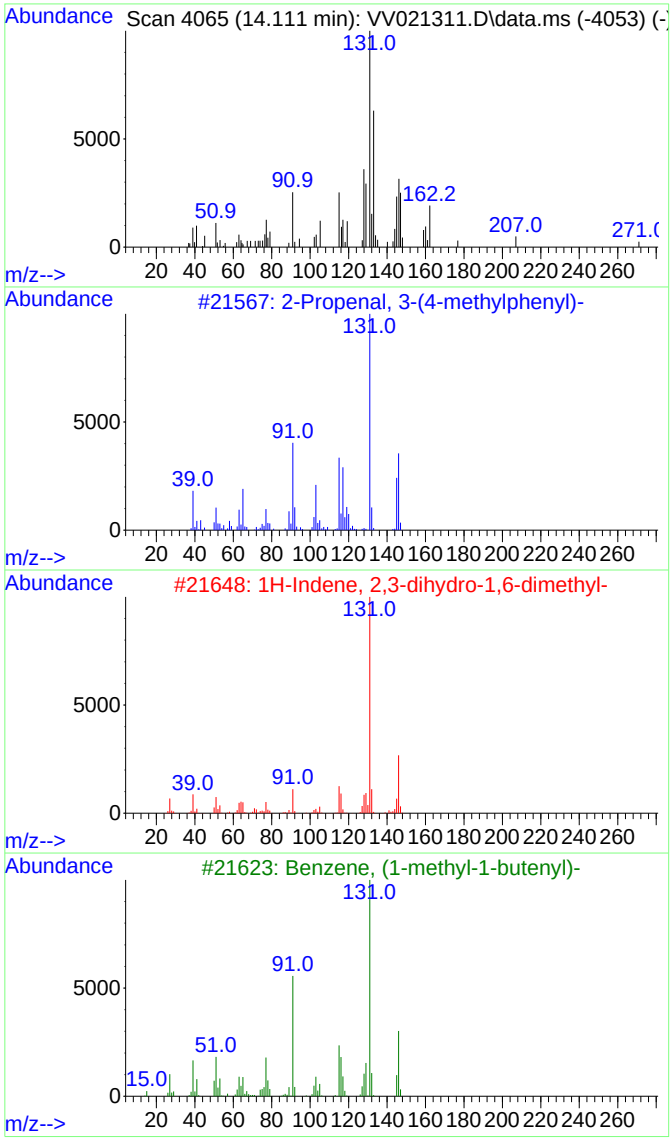
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

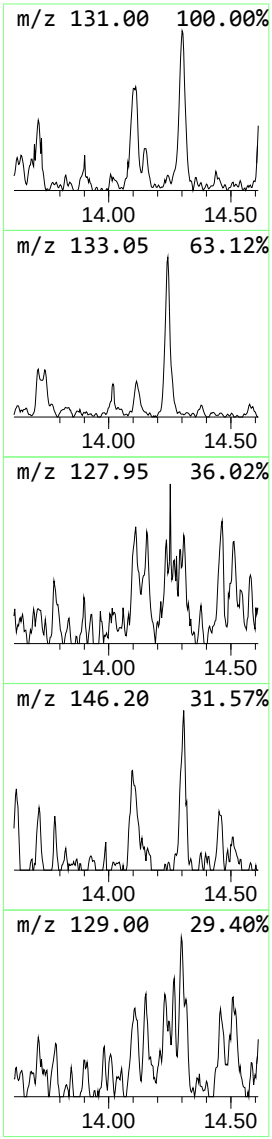
****

Peak Number 28 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.111	2.92 ug/L	80452	1,4-Dichlorobenzene-d4	11.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	45
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	43
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	43
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	43





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Data File : VV021311.D
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Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

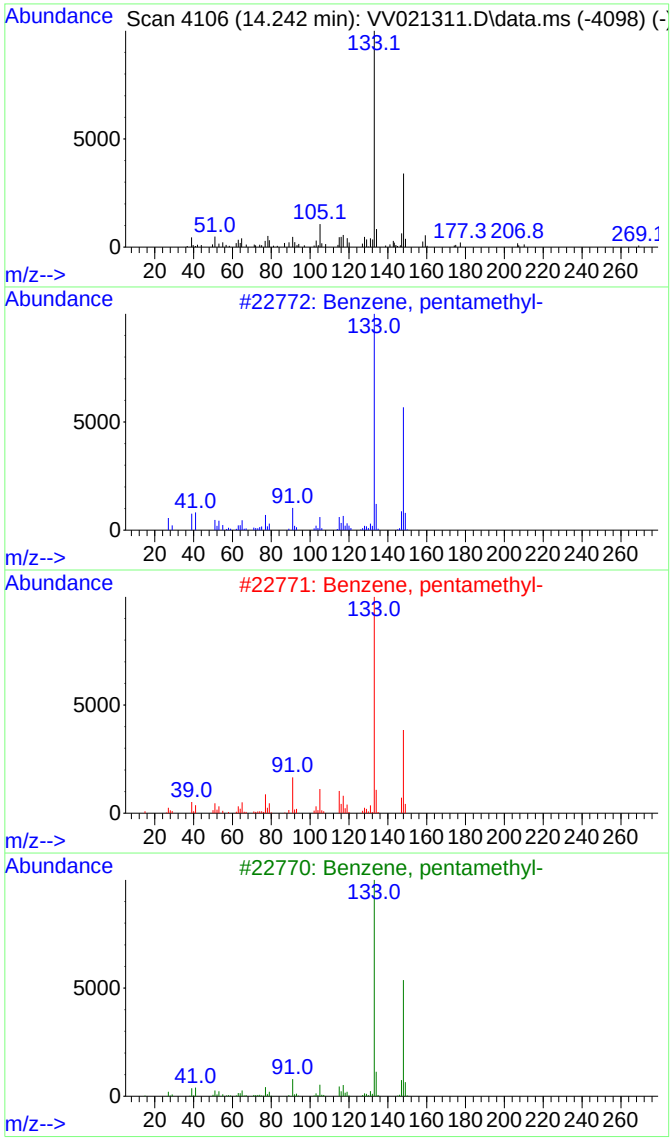
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

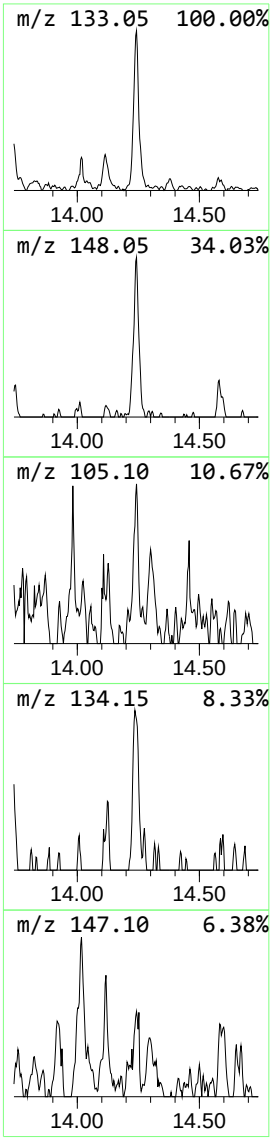
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, pentamethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.242	4.26 ug/L	117437	1,4-Dichlorobenzene-d4	11.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	83
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	80
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

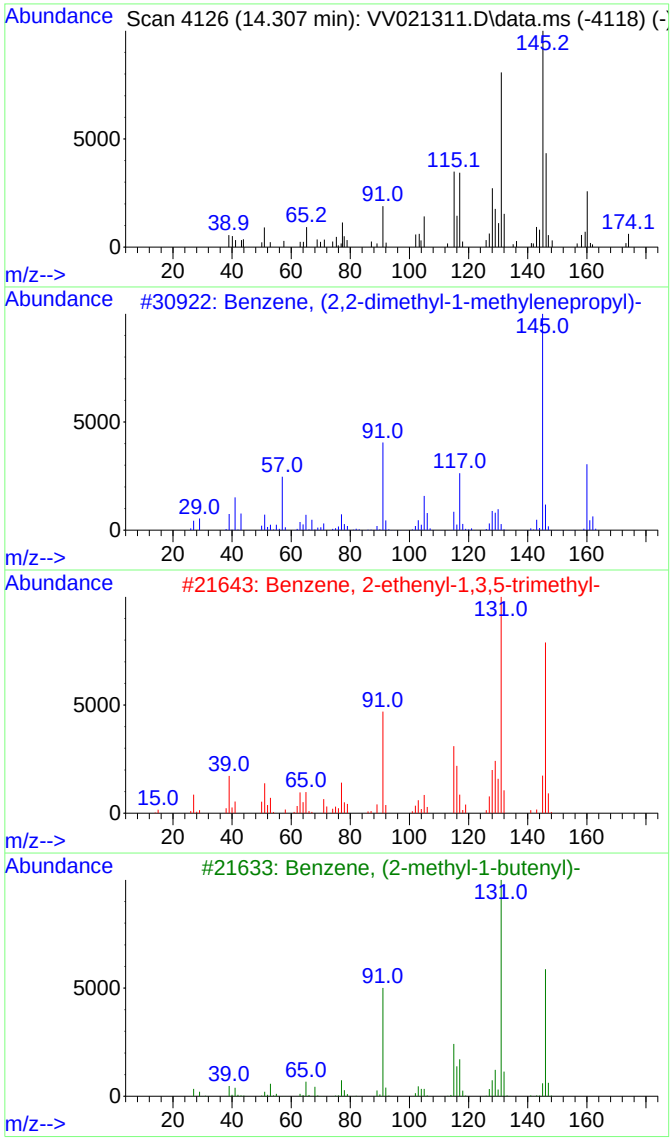
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

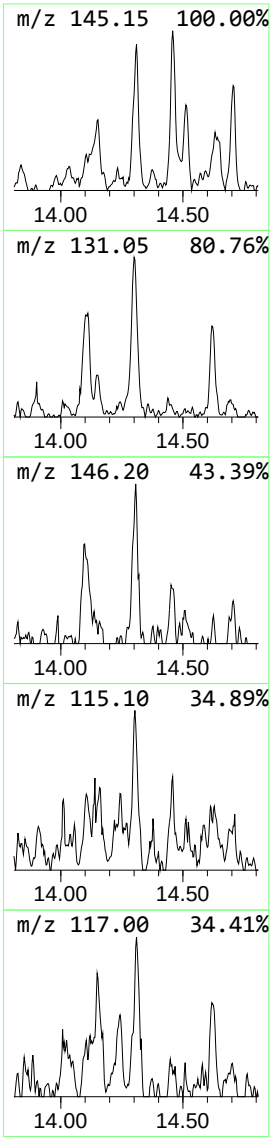
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, (2,2-dimethyl-1-me... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.307	4.10 ug/L	113046	1,4-Dichlorobenzene-d4	11.255

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	55
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A00

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.217	7.7	ug/L	212381	1	5.622	1380040	50.0
(DEL) Alkane: S...	1.635	147.2	ug/L	4062940	1	5.622	1380040	50.0
(DEL) Alkane: S...	2.500	87.7	ug/L	2421010	1	5.622	1380040	50.0
(DEL) Alkane: C...	2.577	17.9	ug/L	494947	1	5.622	1380040	50.0
Furan, 2,3-dihy...	3.275	3.8	ug/L	104019	1	5.622	1380040	50.0
(DEL) Alkane: S...	3.545	12.0	ug/L	332128	1	5.622	1380040	50.0
(DEL) Alkane: S...	3.670	40.9	ug/L	1127790	1	5.622	1380040	50.0
(DEL) Alkane: S...	4.767	119.6	ug/L	3302050	1	5.622	1380040	50.0
4-Pentenal, 2-m...	4.950	17.7	ug/L	488352	1	5.622	1380040	50.0
(DEL) Alkane: C...	5.182	33.1	ug/L	913337	1	5.622	1380040	50.0
(DEL) Alkane: S...	6.204	12.0	ug/L	331566	1	5.622	1380040	50.0
(DEL) Alkane: S...	6.262	14.0	ug/L	385526	1	5.622	1380040	50.0
(DEL) Alkane: C...	6.465	11.5	ug/L	318019	1	5.622	1380040	50.0
(DEL) Alkane: S...	6.657	51.3	ug/L	1415480	1	5.622	1380040	50.0
(DEL) Alkane: S...	6.780	45.7	ug/L	1261350	1	5.622	1380040	50.0
(DEL) Alkane: C...	7.268	19.7	ug/L	496145	2	8.857	1257530	50.0
(DEL) Alkane: C...	7.445	3.7	ug/L	92673	2	8.857	1257530	50.0
(DEL) Alkane: C...	7.792	12.3	ug/L	309591	2	8.857	1257530	50.0
Cyclopentene, 1...	7.847	22.6	ug/L	567024	2	8.857	1257530	50.0
Cyclohexene, 3,...	8.516	8.1	ug/L	203644	2	8.857	1257530	50.0
Benzene, (2-met...	11.063	8.3	ug/L	228436	3	11.255	1377070	50.0
2,2-Dimethylind...	12.307	3.2	ug/L	87236	3	11.255	1377070	50.0
unknown-02	12.680	7.1	ug/L	195476	3	11.255	1377070	50.0
1,4-Methanonaph...	12.960	3.1	ug/L	85141	3	11.255	1377070	50.0
trans-1-Phenyl-...	13.316	5.6	ug/L	153000	3	11.255	1377070	50.0
unknown-03	14.111	2.9	ug/L	80452	3	11.255	1377070	50.0
Benzene, pentam...	14.242	4.3	ug/L	117437	3	11.255	1377070	50.0
Benzene, (2,2-d...	14.307	4.1	ug/L	113046	3	11.255	1377070	50.0