LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

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: VV021314.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	63	rBV2	207813	192915	0.40%	0.216%
2	1.307	75	83	92	rBV	1044492	1033838	2.16%	1.158%
3	1.349	92	96	102	rVB	36856	37707	0.08%	0.042%
4	1.568	156	164	174	rBV	236688	274662	0.58%	0.308%
5	1.635	174	185	205	rBV	2881310	3538852	7.41%	3.963%
6	2.111	322	333	337	rBV	633455	1029995	2.16%	1.153%
7	2.294	384	390	399	rBV2	3598	3998	0.01%	0.004%
8	2.449	435	438	440	rBV5	3160	2265	0.00%	0.003%
9	2.497	440	453	471	rVV	864765	2040034	4.27%	2.285%
10	2.577	472	478	493	rVB2	249106	429192	0.90%	0.481%
11	2.706	494	518	520	rBV3	65909	191466	0.40%	0.214%
12	2.770	522	538	577	rVB2	22576230	47765419	100.00%	53.490%
13	3.156	647	658	675	rBV5	21688	46944	0.10%	0.053%
14	3.278	684	696	710	rBV5	40803	88197	0.18%	0.099%
15	3.375	713	726	734	rBV6	19995	40091	0.08%	0.045%
16	3.545	762	779	799	rBV5	91144	286856	0.60%	0.321%
17	3.671	803	818	836	rVB3	394343	972874	2.04%	1.089%
18	3.767	840	848	863	rVB3	70688	157815	0.33%	0.177%
19	3.857	863	876	877	rBV5	30289	47077	0.10%	0.053%
20	3.892	879	887	889	rBV	127386	164863	0.35%	0.185%
21	4.224	987	990	992	rBV3	3129	2055	0.00%	0.002%
22	4.352	1015	1030	1043	rBV	412109	1077197	2.26%	1.206%
23	4.593	1096	1105	1117	rBV9	14316	31252	0.07%	0.035%
24	4.677	1117	1131	1143	rBV4	73073	180937	0.38%	0.203%
25	4.767	1143	1159	1187	rVB2	1177968	2936735	6.15%	3.289%
26	4.950	1193	1216	1231	rBV6	124838	396656	0.83%	0.444%
27	5.050	1231	1247	1264	rBV2	904948	2379710	4.98%	2.665%
28	5.182	1276	1288	1294	rBV5	367096	785889	1.65%	0.880%
29	5.240	1297	1306	1317	rVV2	805669	1892216	3.96%	2.119%
30	5.400	1353	1356	1357	rBV3	3468	1853	0.00%	0.002%
31	5.500	1373	1387	1393	rBV10	13828	30213	0.06%	0.034%
32	5.622	1413	1425	1460	rBV2	553715	1399005	2.93%	1.567%
33	5.921	1506	1518	1536	rBV7	275096	662478	1.39%	0.742%
34	6.072	1552	1565	1593	rBV6	500481	1295824	2.71%	1.451%
35	6.201	1593	1605	1614	rBV3	180528	360920	0.76%	0.404%
36	6.262	1615	1624	1634	rVB4	228922	424898	0.89%	0.476%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
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Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

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	6.465	1672	1687	1702	rVB5	136553	314750	0.66%	0.352%
38	6.542	1704	1711	1715	rBV8	23180	34009	0.07%	0.038%
39	6.658	1733	1747	1767	rVB	653659	1406494	2.94%	1.575%
40	6.780	1767	1785	1798	rBV2	575347	1224020	2.56%	1.371%
41	6.989	1834	1850	1861	rBV2	358909	735020	1.54%	0.823%
42	7.269	1924	1937	1944	rBV3	258778	510669	1.07%	0.572%
43	7.320	1944	1953	1969	rVB	1198346	2084187	4.36%	2.334%
44	7.445	1986	1992	1998	rBV4	49133	67989	0.14%	0.076%
45	7.625	2041	2048	2067	rVB3	239987	497779	1.04%	0.557%
46	7.789	2081	2099	2108	rBV4	137582	301384	0.63%	0.338%
47	7.847	2109	2117	2141	rVB	205799	446724	0.94%	0.500%
48	8.092	2184	2193	2204	rBV	617535	1070962	2.24%	1.199%
49	8.516	2316	2325	2339	rVB7	82428	158346	0.33%	0.177%
50	8.857	2422	2431	2442	rBV	848785	1339414	2.80%	1.500%
51	9.477	2618	2624	2632	rVB5	48514	74137	0.16%	0.083%
52	9.690	2681	2690	2691	rBV6	29110	36336	0.08%	0.041%
53	10.220	2846	2855	2873	rVB	763053	1216158	2.55%	1.362%
54	11.063	3108	3117	3125	rBV	133110	220273	0.46%	0.247%
55	11.159	3141	3147	3156	rVB	27227	35232	0.07%	0.039%
56	11.256	3167	3177	3201	rVB	987636	1543833	3.23%	1.729%
57	11.632	3283	3294	3310	rVB2	1568484	2508303	5.25%	2.809%
58	11.828	3349	3355	3365	rVB2	24358	33690	0.07%	0.038%
59	12.204	3467	3472	3479	rVB3	22398	28129	0.06%	0.032%
60	12.307	3497	3504	3512	rVB3	57743	81234	0.17%	0.091%
61	12.352	3512	3518	3525	rVV7	33205	47962	0.10%	0.054%
62	12.387	3525	3529	3537	rVB6	33078	41708	0.09%	0.047%
63	12.554	3575	3581	3590	rBV4	32556	49743	0.10%	0.056%
64	12.677	3606	3619	3621	rBV4	66958	94436	0.20%	0.106%
65	12.763	3639	3646	3654	rBV3	42008	58694	0.12%	0.066%
66	12.960	3698	3707	3716	rBV6	51073	79508	0.17%	0.089%
67	13.008	3716	3722	3730	rBV3	16630	24596	0.05%	0.028%
68	13.175	3766	3774	3775	rBV5	13945	15273	0.03%	0.017%
69	13.272	3800	3804	3810	rBV5	12212	17953	0.04%	0.020%
70	13.320	3811	3819	3834	rVB3	72774	137802	0.29%	0.154%
71	13.468	3861	3865	3866	rBV4	9805	6952	0.01%	0.008%
72	13.551	3886	3891	3894	rBV6	15294	17065	0.04%	0.019%
73	13.619	3906	3912	3924	rVB6	18350	33985	0.07%	0.038%
74	13.712	3936	3941	3951	rBV10	23762	45287	0.09%	0.051%
75	13.979	4021	4024	4027	rBV5	3649	3006	0.01%	0.003%
76	14.017	4031	4036	4040	rVV7	12744	13627	0.03%	0.015%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
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Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

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	14.114	4053	4066	4071	rBV8	37171	73040	0.15%	0.082%
78	14.194	4089	4091	4093	rBV3	3155	1967	0.00%	0.002%
79	14.239	4099	4105	4116	rBV2	55032	83224	0.17%	0.093%
80	14.304	4118	4125	4139	rVB2	68573	118004	0.25%	0.132%
81	14.371	4139	4146	4150	rBV8	12003	16330	0.03%	0.018%
82	14.458	4166	4173	4180	rBV4	26917	37145	0.08%	0.042%
83	14.583	4205	4212	4218	rBV4	12084	21260	0.04%	0.024%
84	14.673	4238	4240	4243	rBV3	3607	2131	0.00%	0.002%
85	14.702	4244	4249	4263	rVB6	20127	34977	0.07%	0.039%
86	14.818	4282	4285	4287	rBV3	5679	3852	0.01%	0.004%
87	14.882	4301	4305	4309	rBV7	6547	7923	0.02%	0.009%
88	15.053	4354	4358	4359	rBV4	3343	2675	0.01%	0.003%
89	15.111	4373	4376	4382	rVB7	3845	2406	0.01%	0.003%
90	15.162	4389	4392	4397	rBV6	2688	2769	0.01%	0.003%
91	15.188	4397	4400	4404	rVB5	5036	3953	0.01%	0.004%
92	15.300	4430	4435	4438	rBV7	2961	3235	0.01%	0.004%
93	15.355	4448	4452	4457	rVB8	4767	3936	0.01%	0.004%
94	15.426	4468	4474	4482	rBV10	3880	6432	0.01%	0.007%
95	15.458	4482	4484	4487	rVB4	3393	1786	0.00%	0.002%
96	15.480	4487	4491	4492	rBV2	2992	2159	0.00%	0.002%
97	15.931	4628	4631	4633	rBV2	3355	1936	0.00%	0.002%
98	15.976	4643	4645	4649	rVB5	3132	1942	0.00%	0.002%
99	16.008	4653	4655	4659	rBV5	3413	2129	0.00%	0.002%
100	16.834	4910	4912	4916	rBV5	3904	2446	0.01%	0.003%

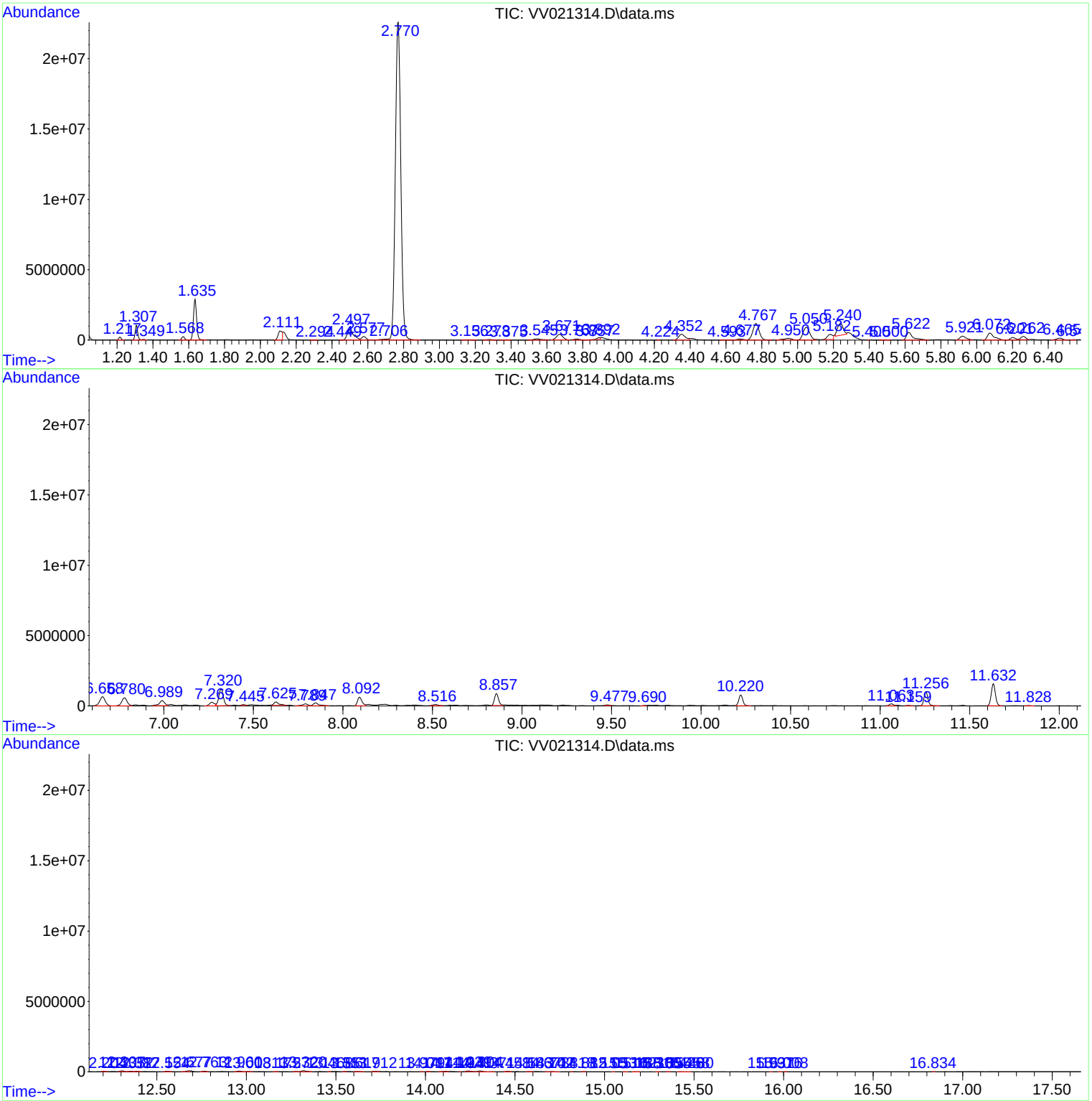
Sum of corrected areas: 89297224

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F3A08

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 : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

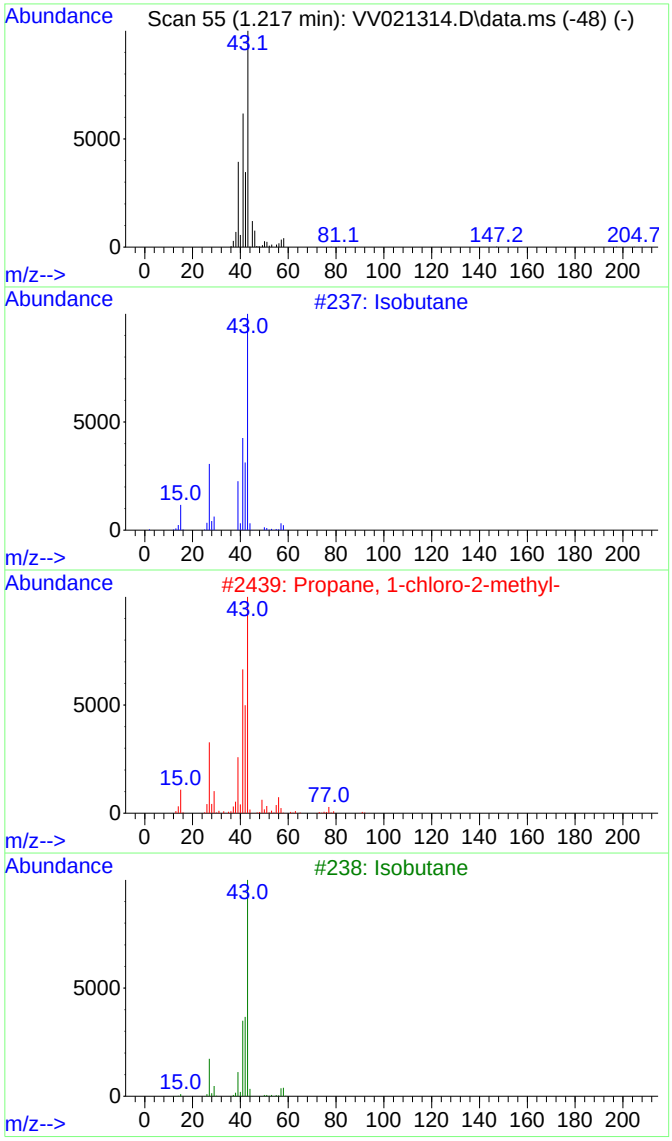
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

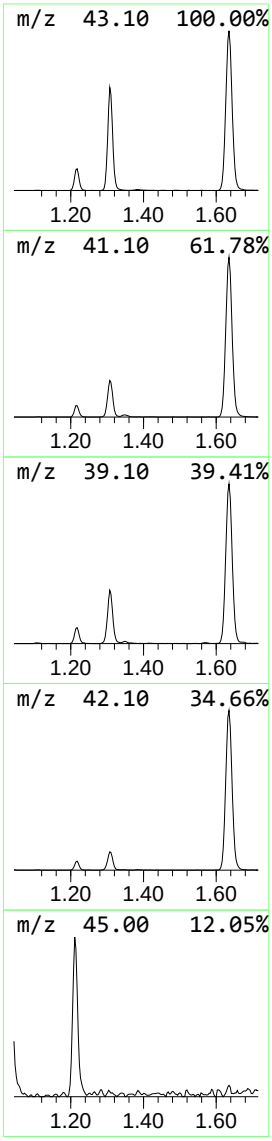
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	6.89 ug/L	192915	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	25
2	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	16
3	Isobutane	58	C4H10	000075-28-5	9
4	Isobutane	58	C4H10	000075-28-5	9
5	Propene	42	C3H6	000115-07-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

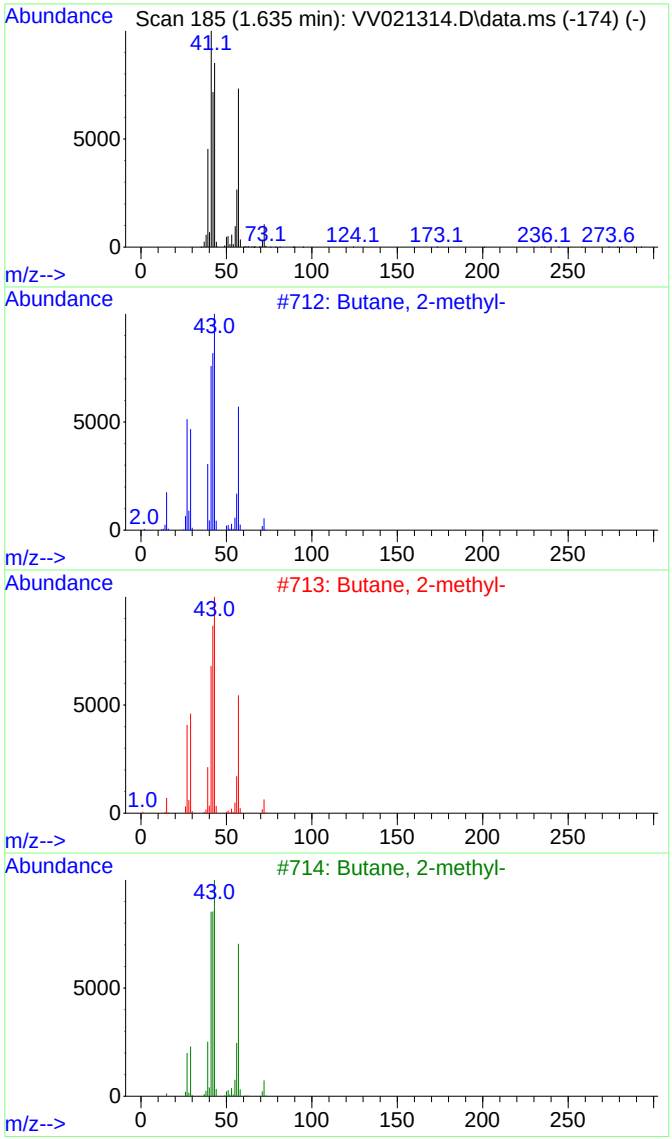
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

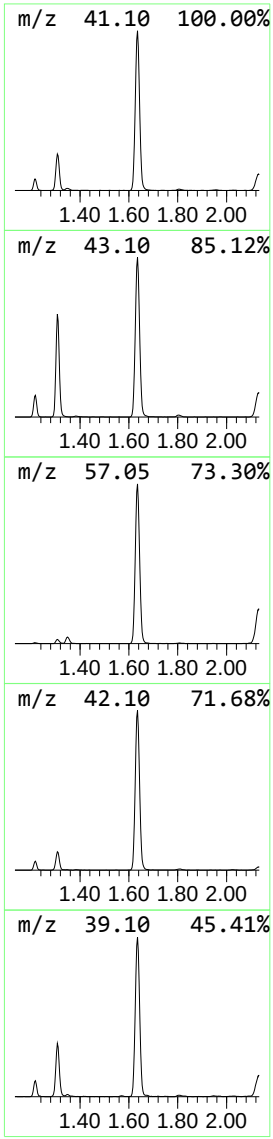
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.635	126.48 ug/L	3538850	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	53
2	Butane, 2-methyl-	72	C5H12	000078-78-4	52
3	Butane, 2-methyl-	72	C5H12	000078-78-4	52
4	1-Butene	56	C4H8	000106-98-9	32
5	3-Buten-1-ol	72	C4H8O	000627-27-0	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

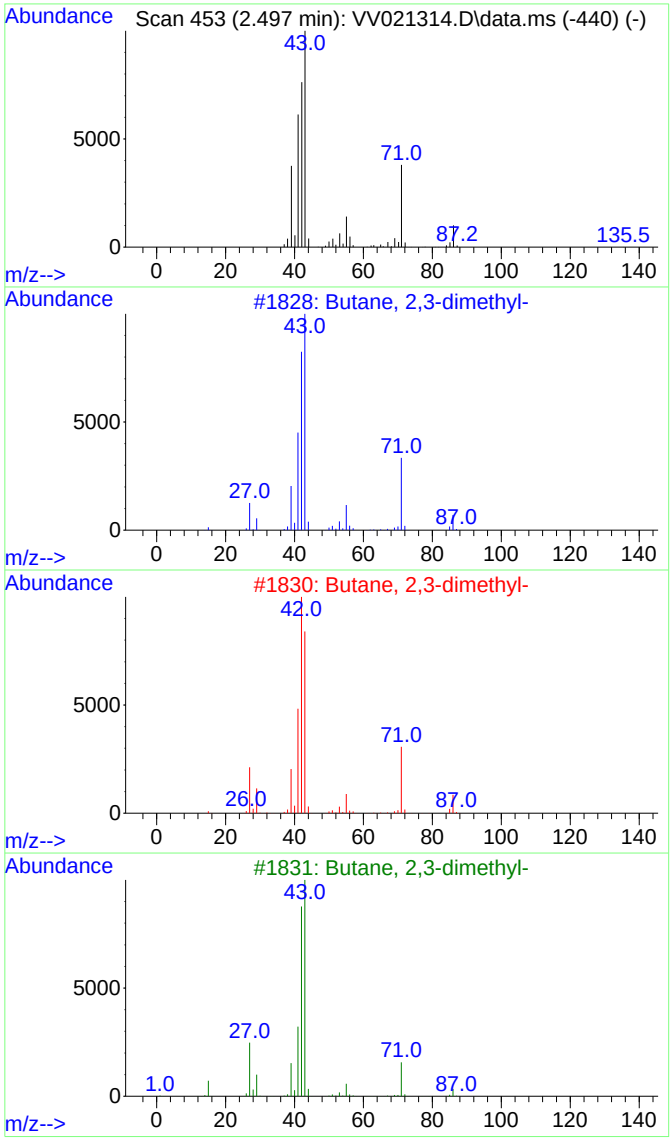
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

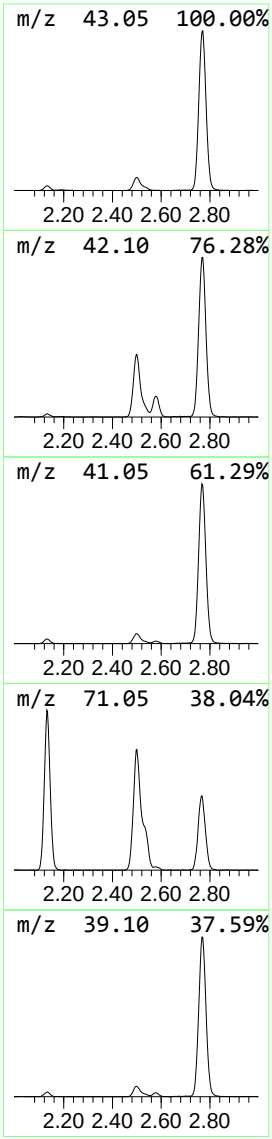
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.497	72.91 ug/L	2040030	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

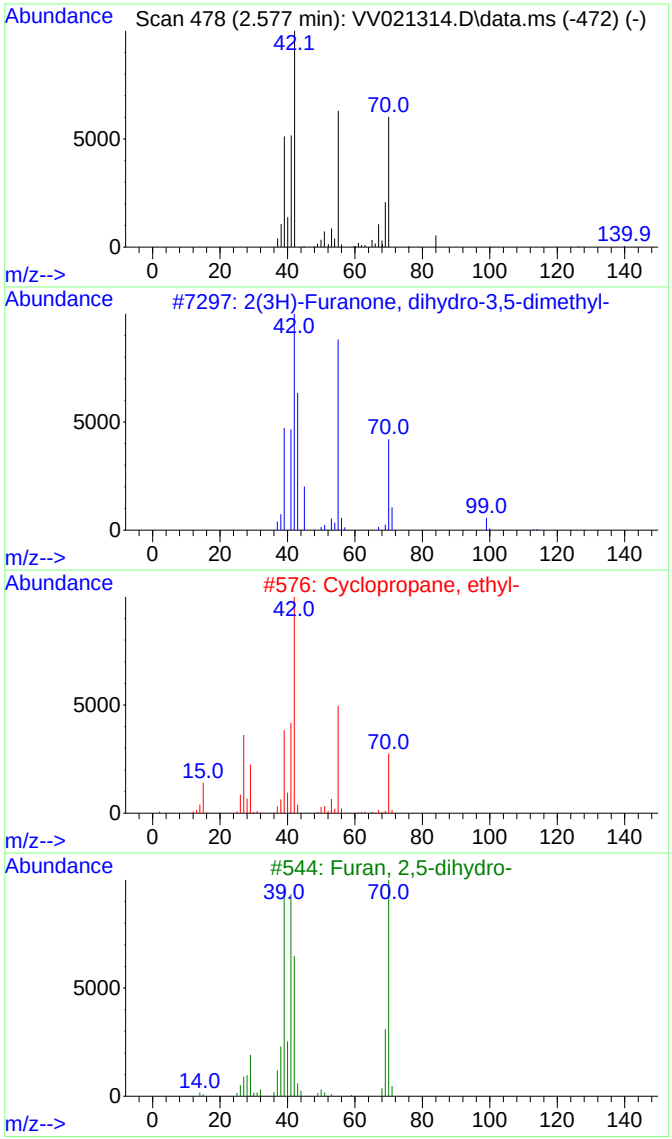
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

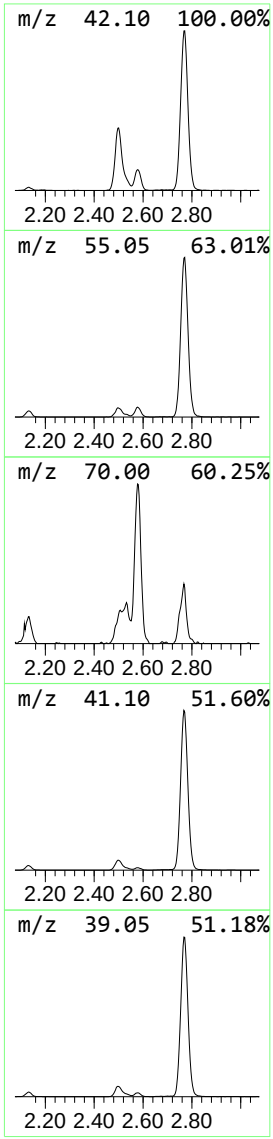
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2(3H)-Furanone, dihydro-3,5... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.577	15.34 ug/L	429192	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-3,5-dime...	114	C6H10O2	005145-01-7	78
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	53
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	52
4	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	52
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

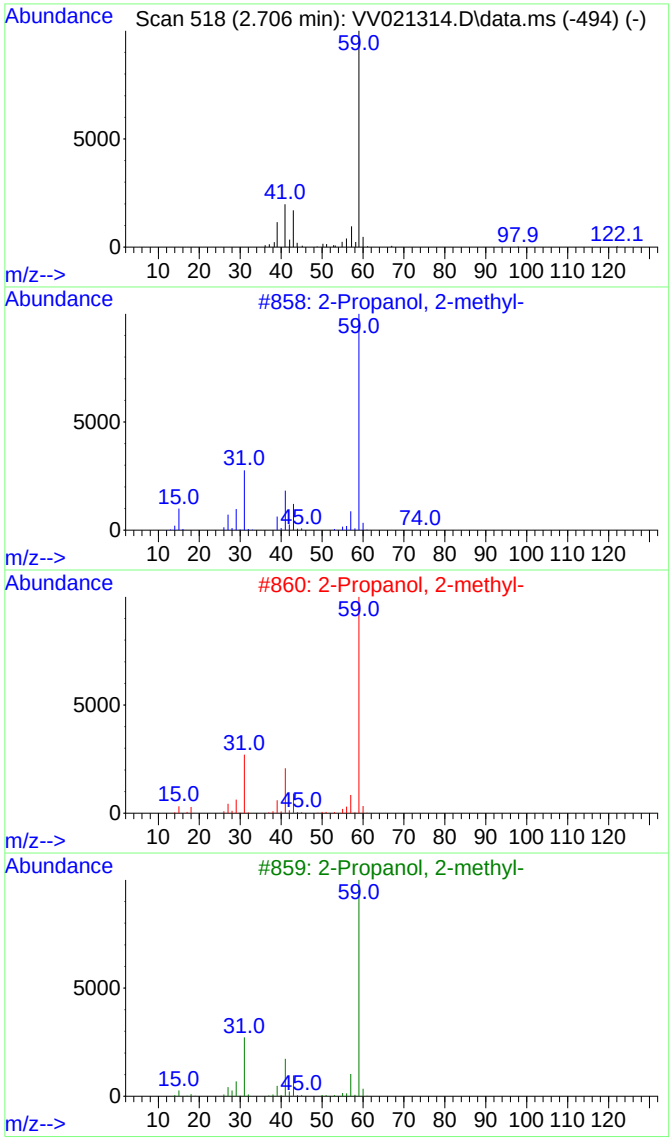
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

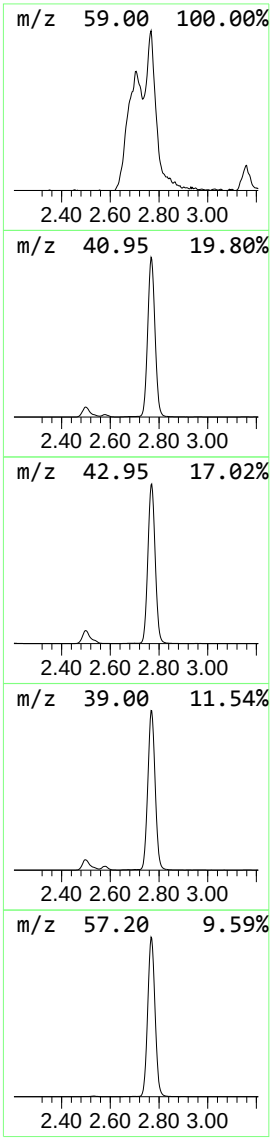
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propanol, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.706	6.84 ug/L	191466	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	50
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40





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Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

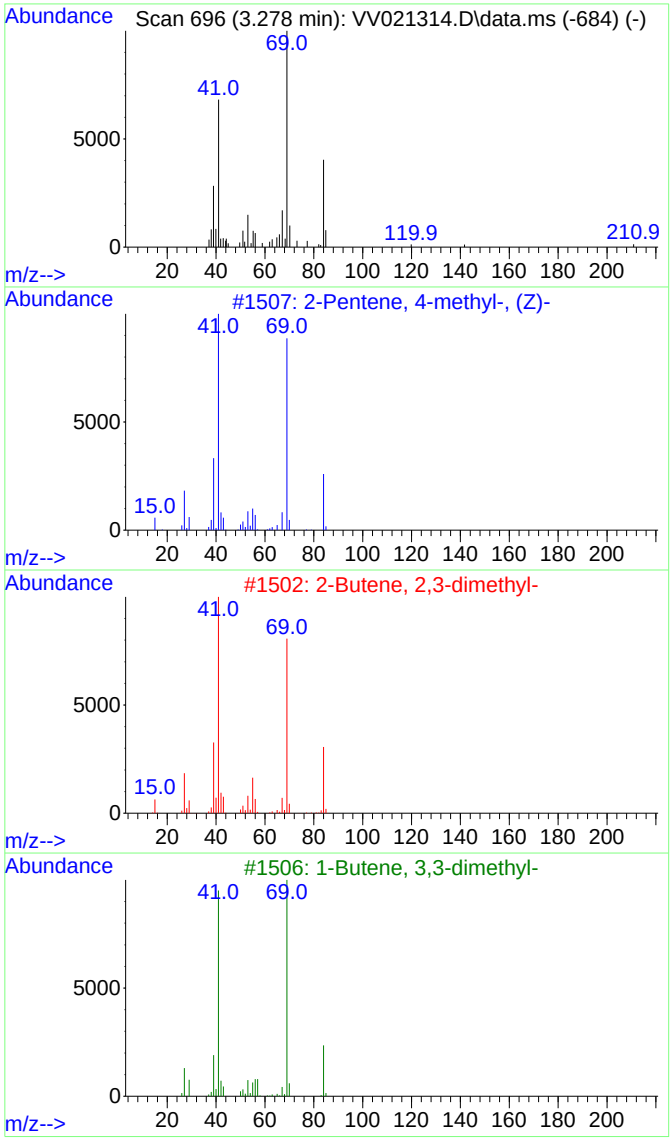
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

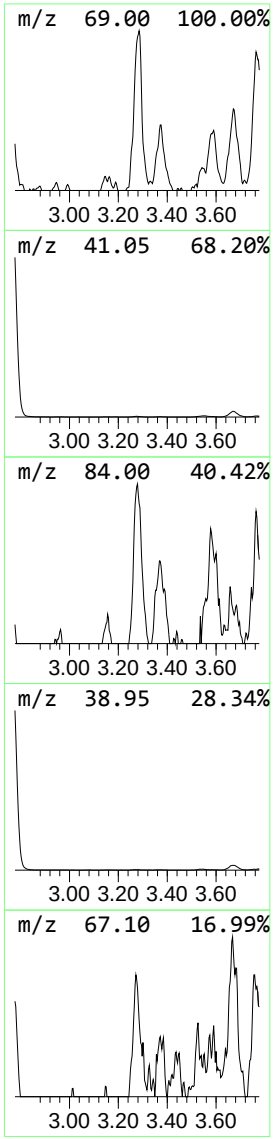
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.278	3.15 ug/L	88197	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	78
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	78
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	72
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	72
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	72





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Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F3A08

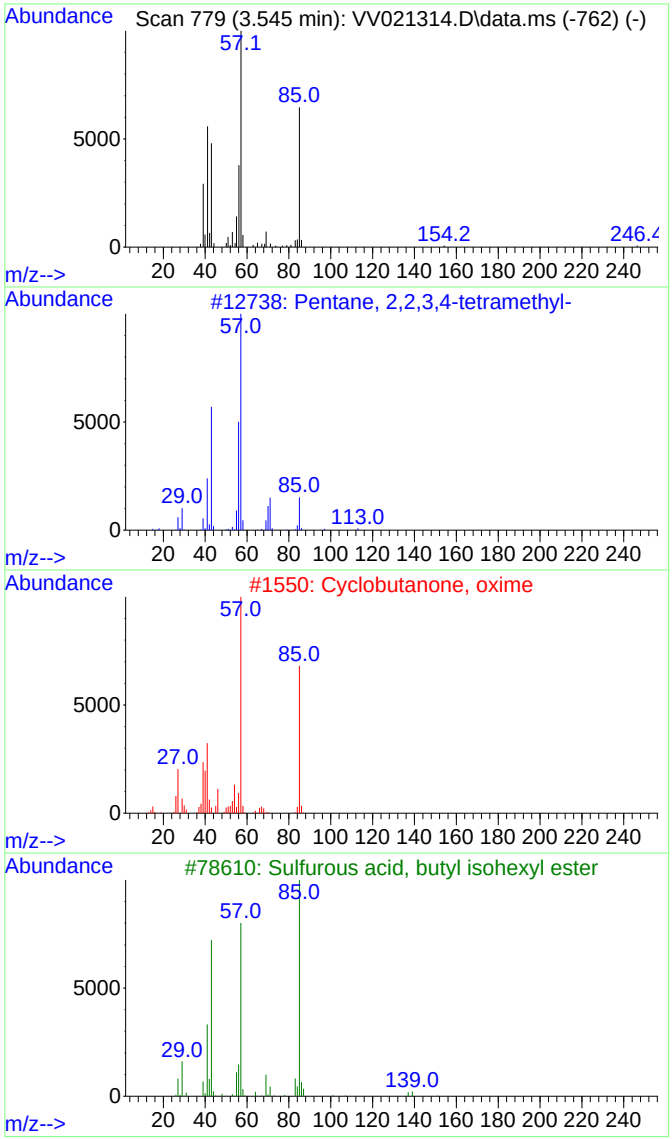
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

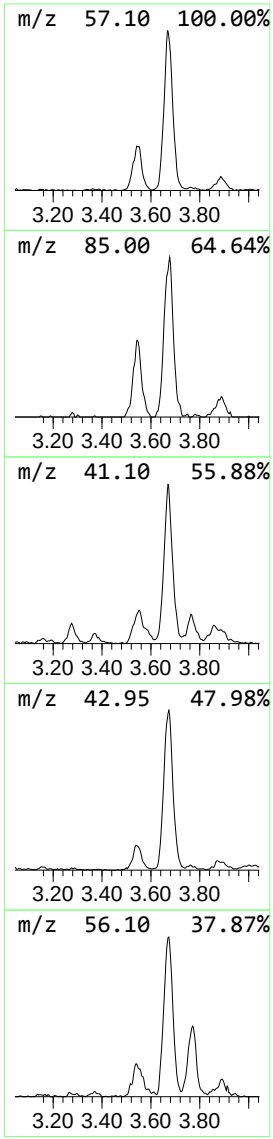
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.545	10.25 ug/L	286856	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
2	Cyclobutanone, oxime	85	C4H7NO	002972-05-6	59
3	Sulfurous acid, butyl isohexyl e...	222	C10H22O3S	1000309-17-2	59
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	56
5	1-Benzenesulfonylpiperazine	226	C10H14N2O2S	1000302-69-2	53





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Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

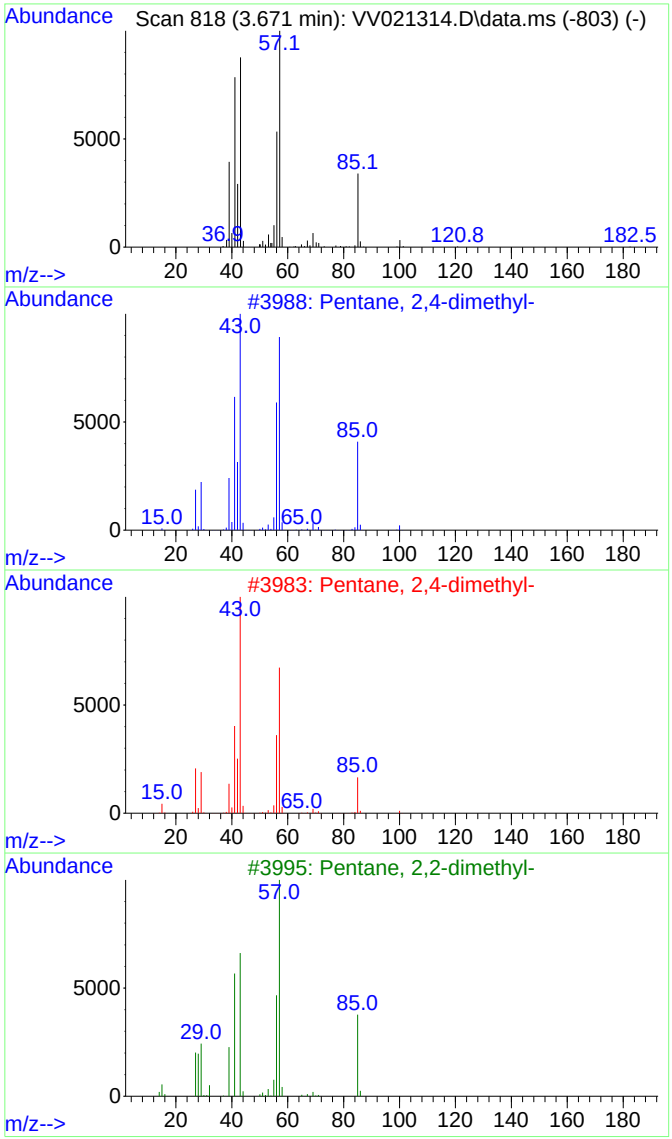
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

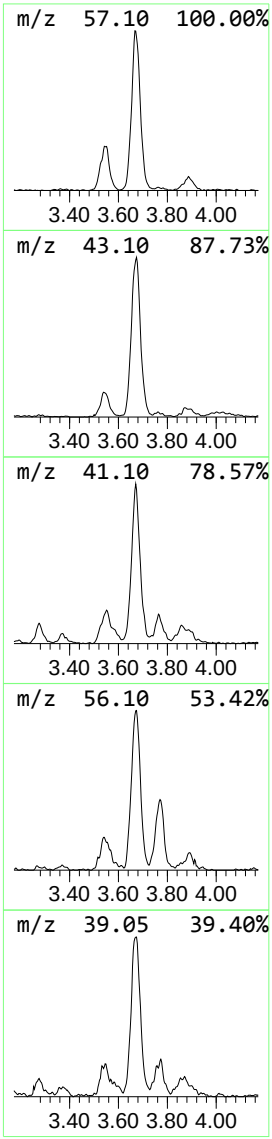
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.671	34.77 ug/L	972874	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	53
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	53
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

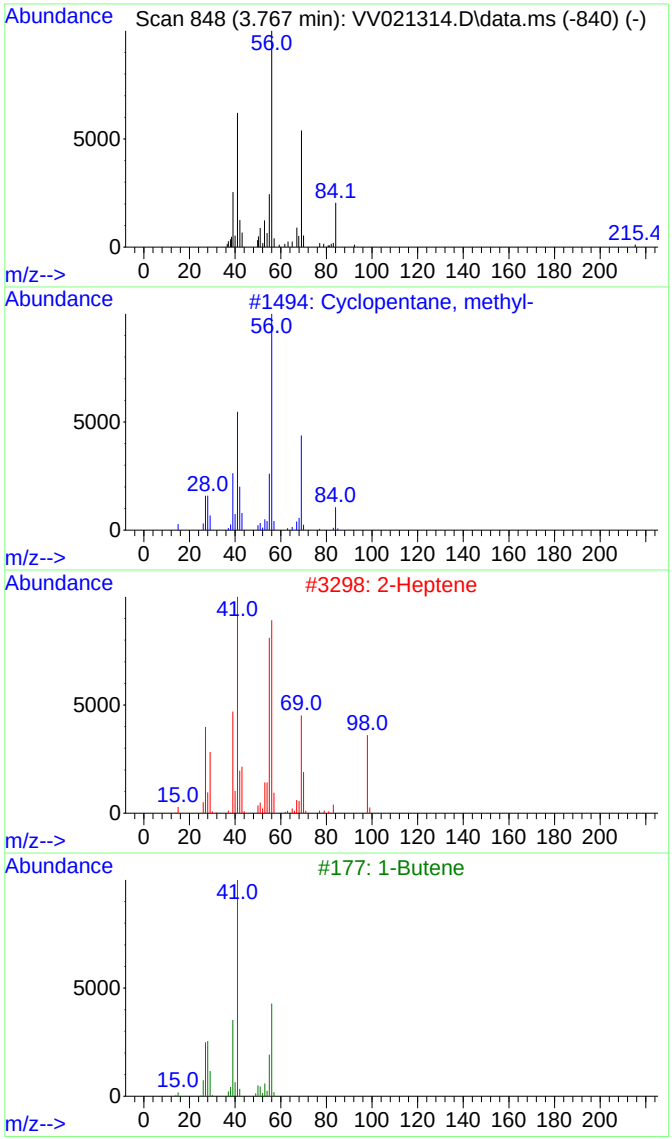
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

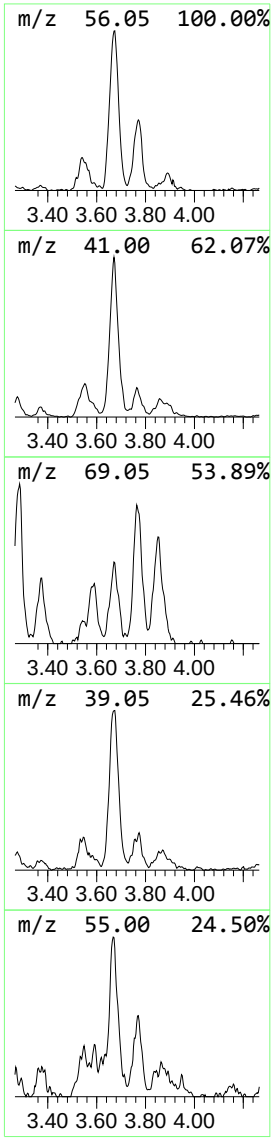
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic3.767 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.767	5.64 ug/L	157815	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
2	2-Heptene	98	C7H14	000592-77-8	59
3	1-Butene	56	C4H8	000106-98-9	47
4	Cyclobutane	56	C4H8	000287-23-0	43
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	41





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

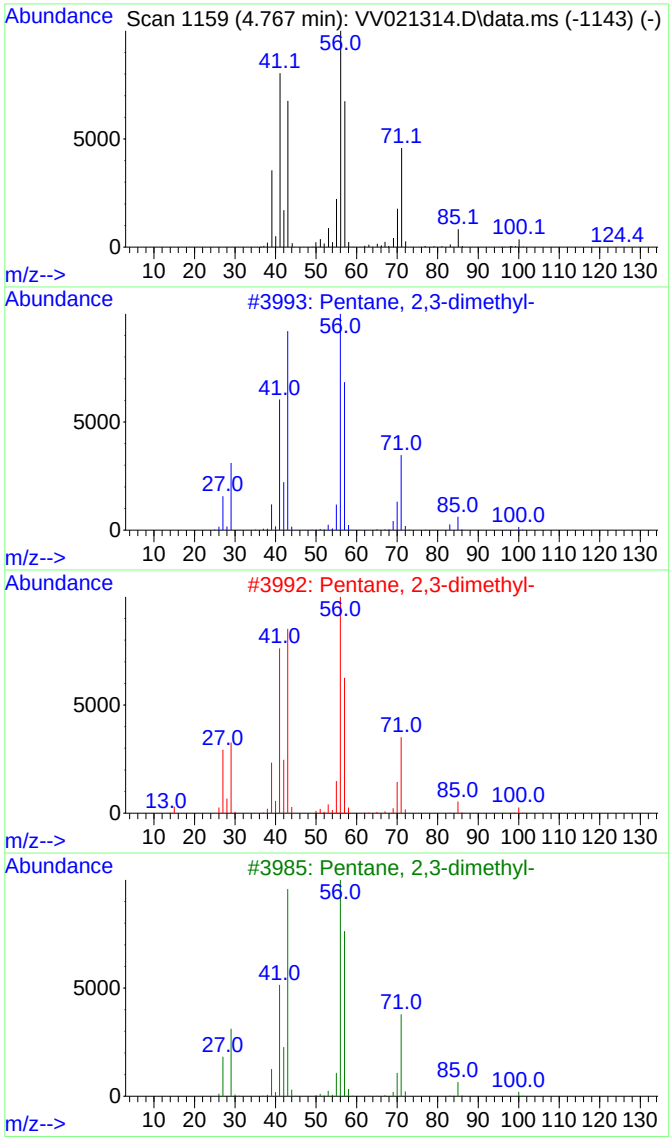
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

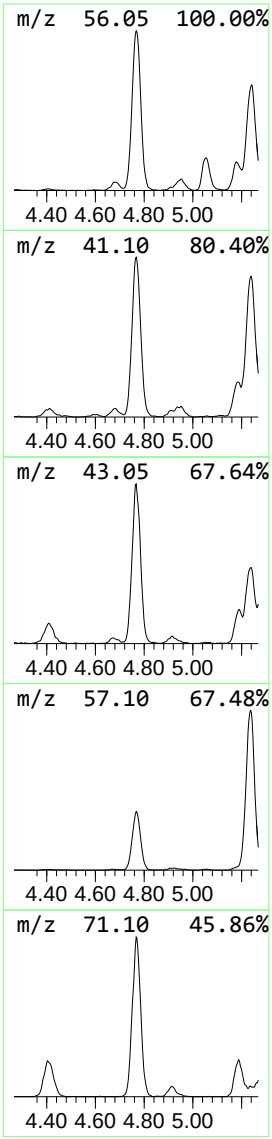
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.767	104.96 ug/L	2936740	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	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	53





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Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

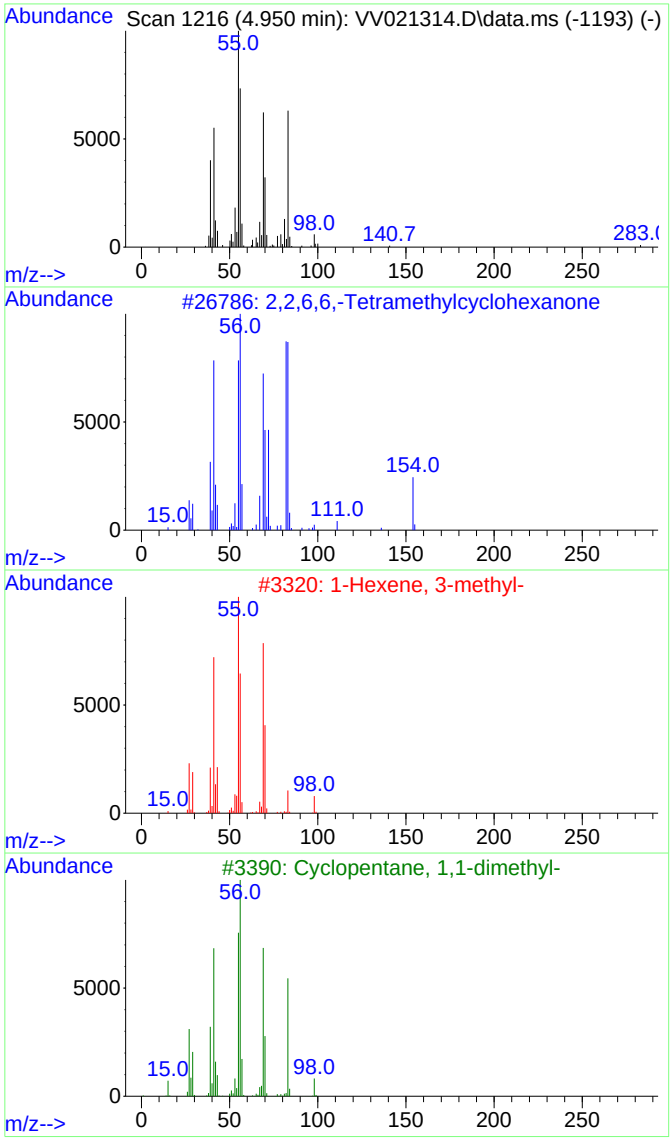
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

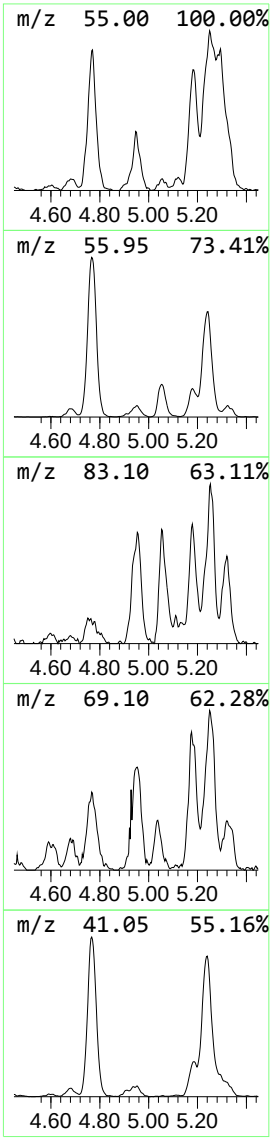
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,2,6,6,-Tetramethylcyclohe... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.950	14.18 ug/L	396656	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6,6,-Tetramethylcyclohexanone	154	C10H18O	001195-93-3	53
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	49
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	46
5	3-Heptene	98	C7H14	000592-78-9	45





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Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

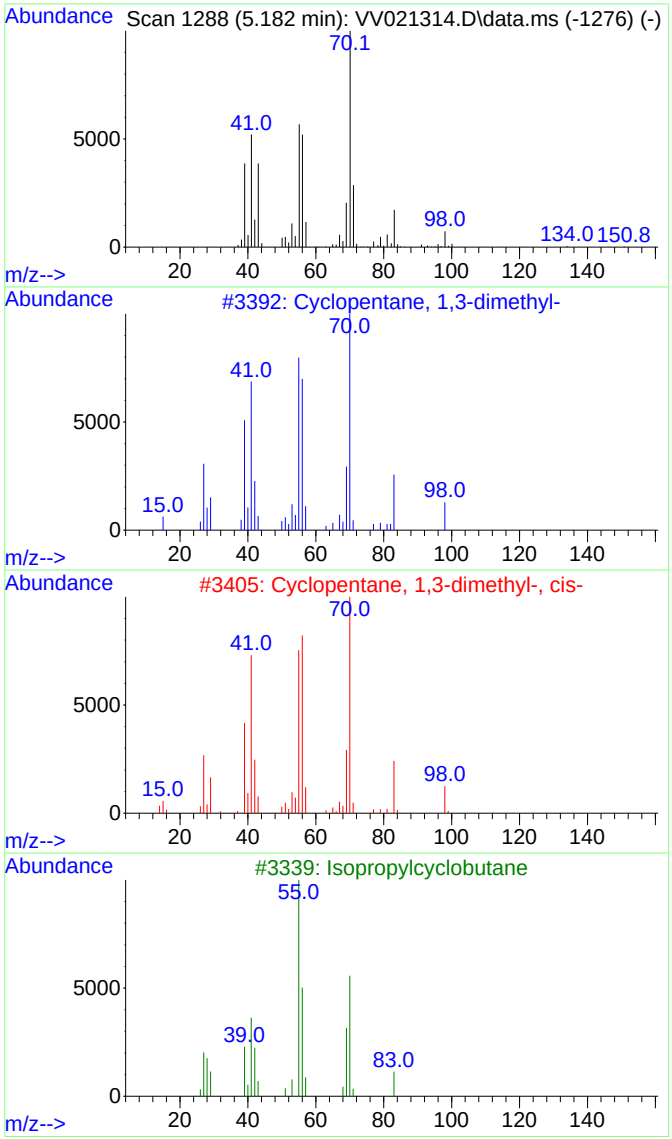
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

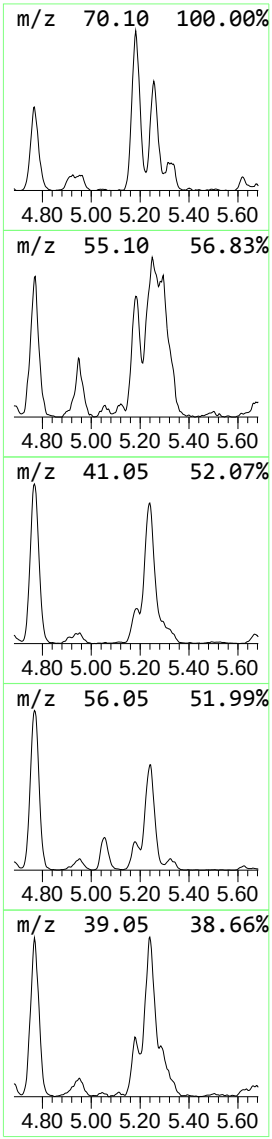
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic5.182 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.182	28.09 ug/L	785889	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	93
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	55
3	Isopropylcyclobutane	98	C7H14	000872-56-0	47
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	46
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	43





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Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

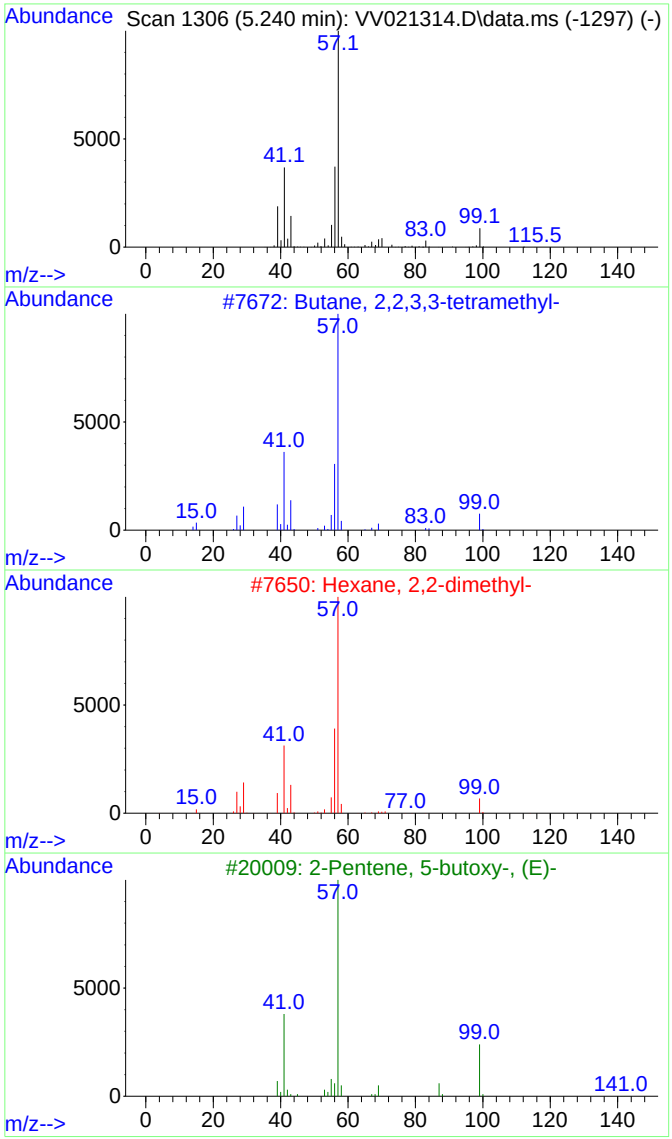
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

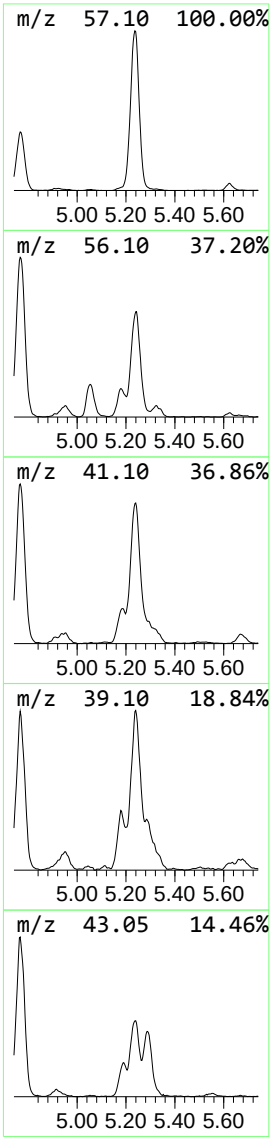
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.240	67.63 ug/L	1892220	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
3	2-Pentene, 5-butoxy-, (E)-	142	C9H18O	054004-23-8	50
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	45
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42





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Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

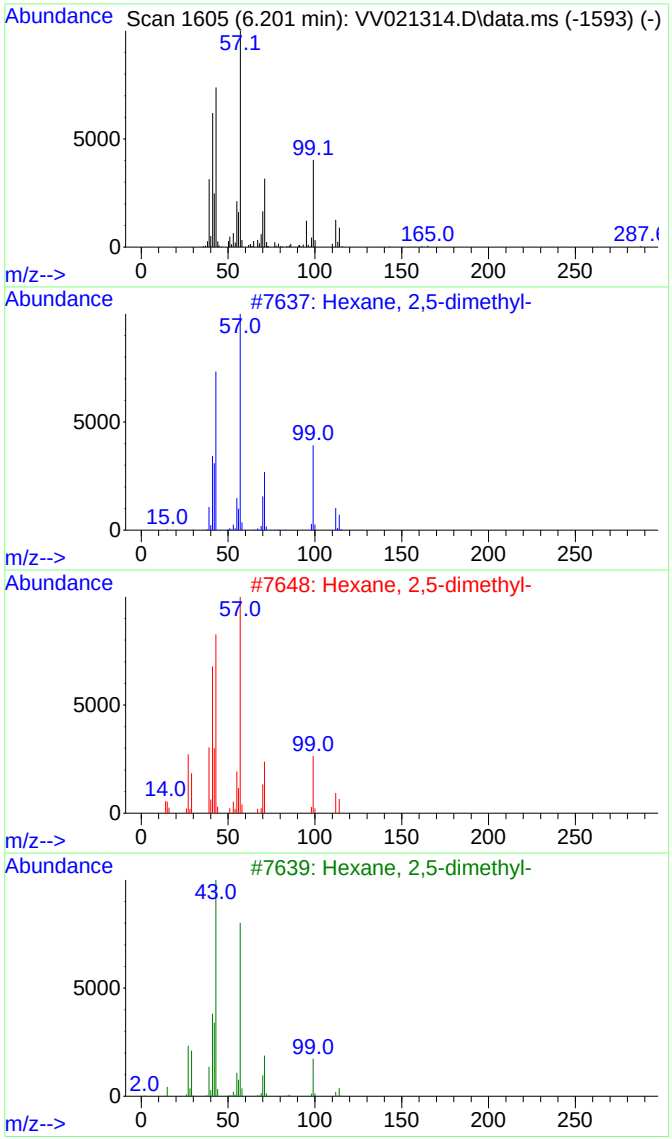
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

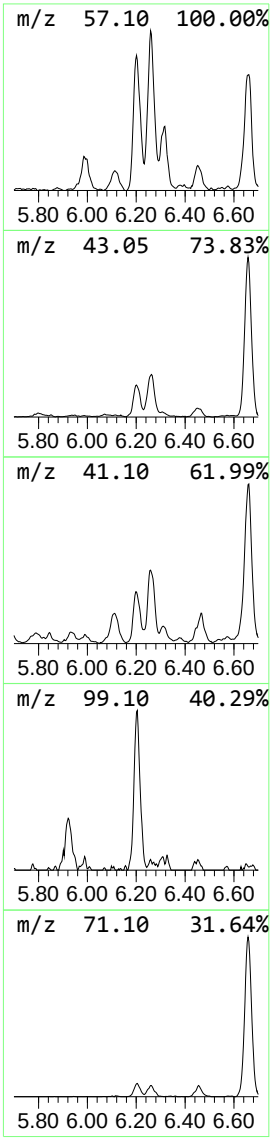
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.201	12.90 ug/L	360920	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	93
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
4	Hexanoyl chloride	134	C6H11ClO	000142-61-0	50
5	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	43





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Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

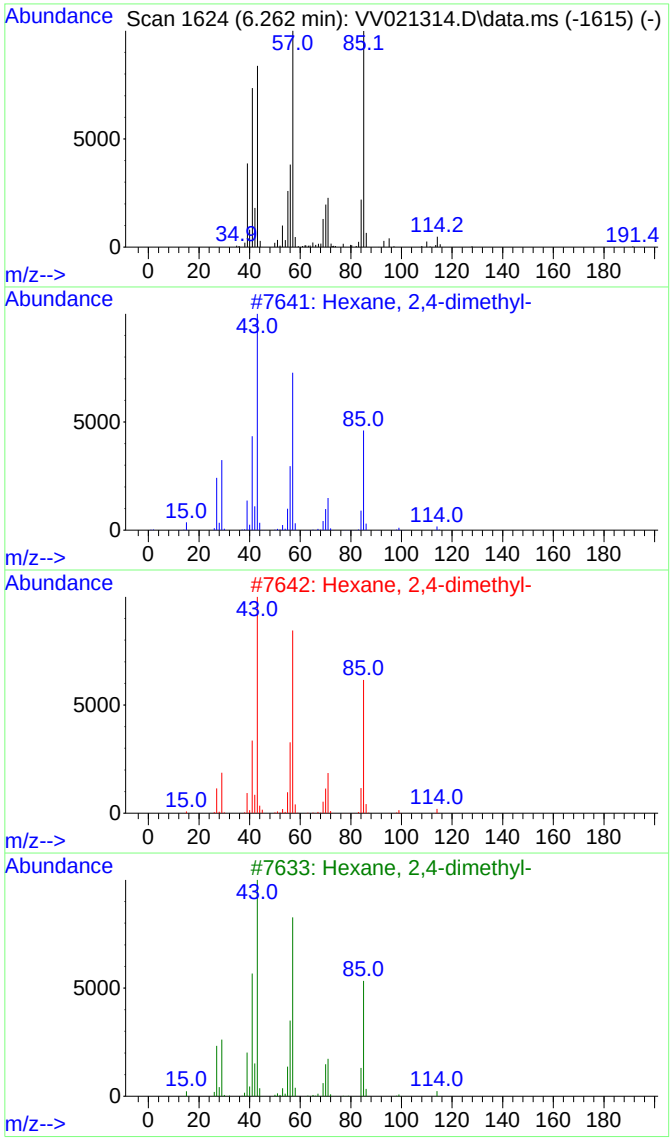
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

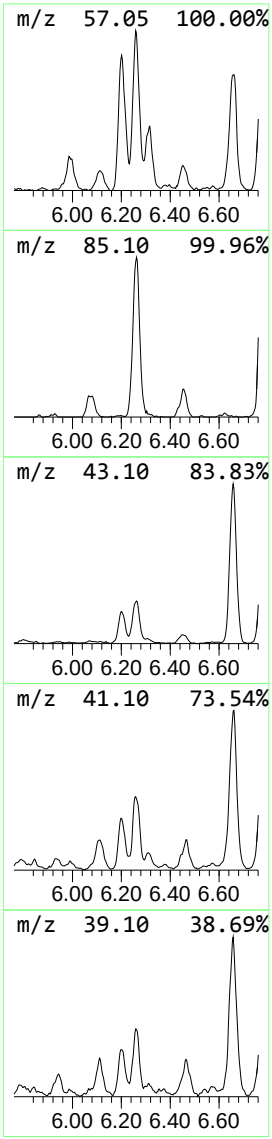
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.262	15.19 ug/L	424898	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	81
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	81
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	81
4	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	43
5	2-Butene, 1,4-diethoxy-	144	C8H16O2	007250-85-3	43





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Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

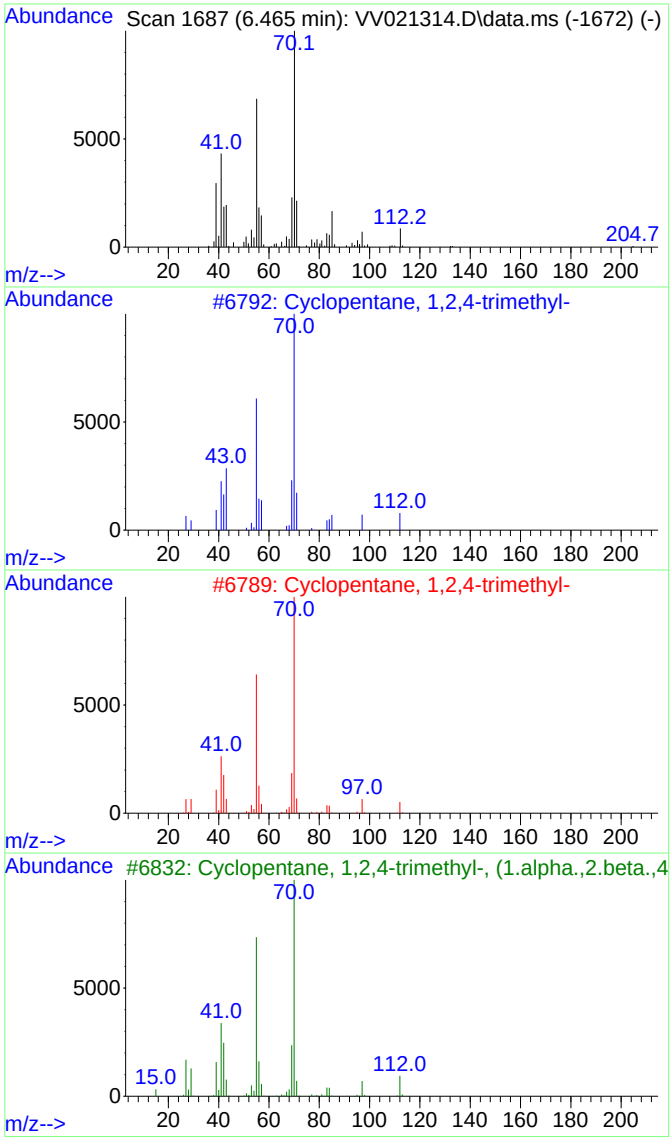
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

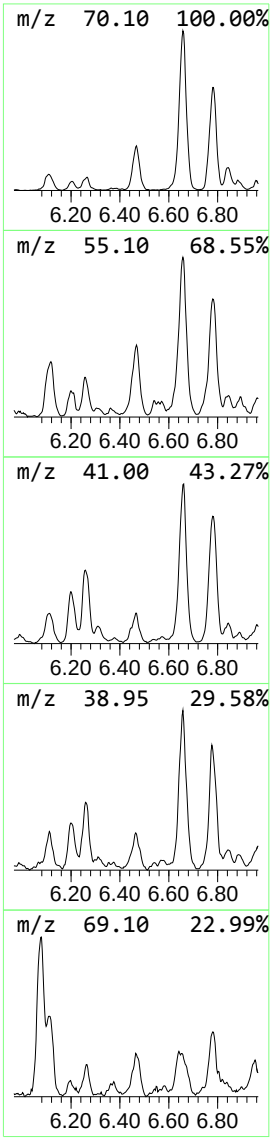
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic6.465 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.465	11.25 ug/L	314750	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	91
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	81
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	81
4	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	72
5	Undecane, 3-methylene-	168	C12H24	071138-64-2	72





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Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

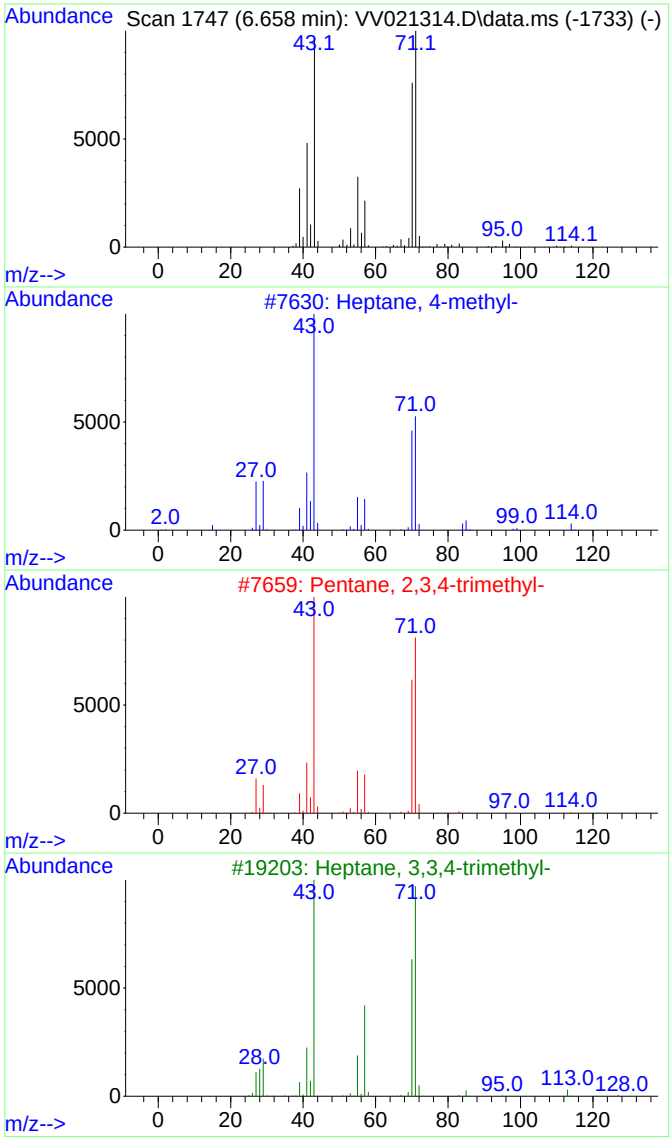
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

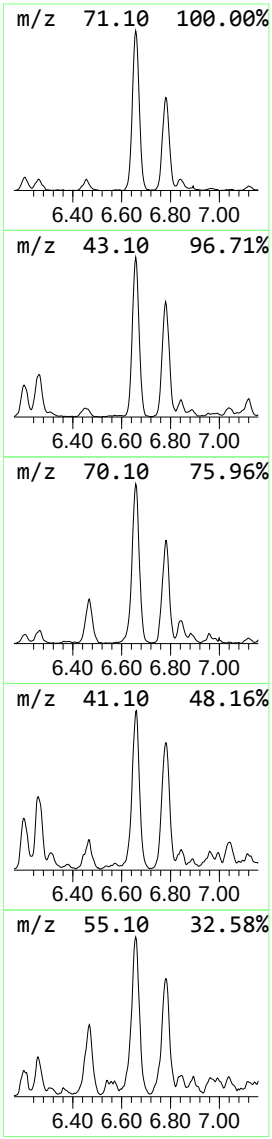
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.658	50.27 ug/L	1406490	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
3	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	83
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

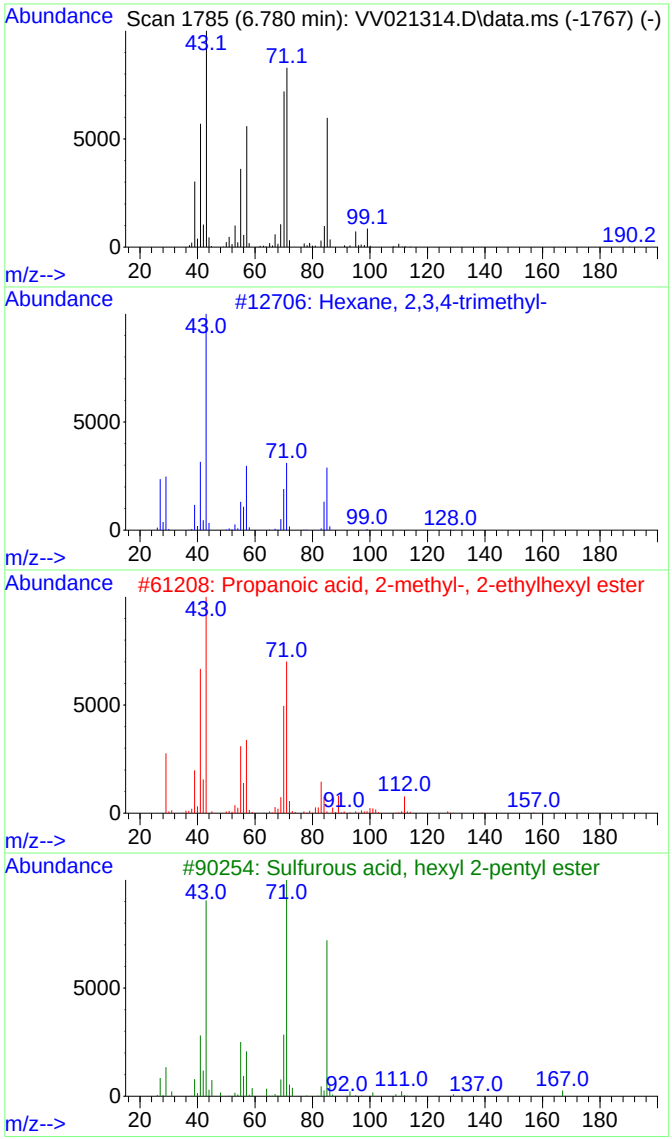
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

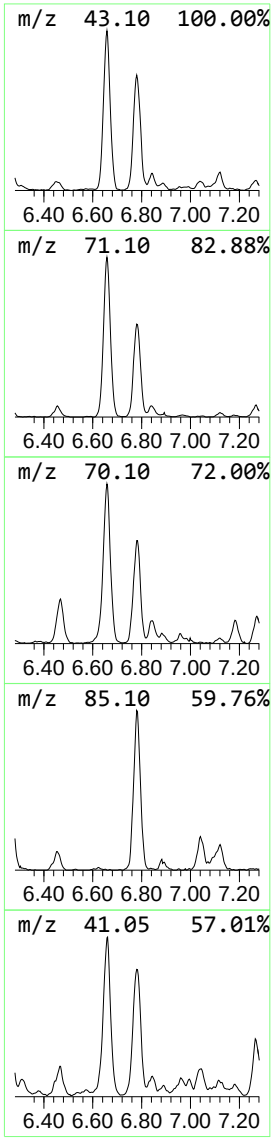
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.780	43.75 ug/L	1224020	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
2	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	53
3	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50





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Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

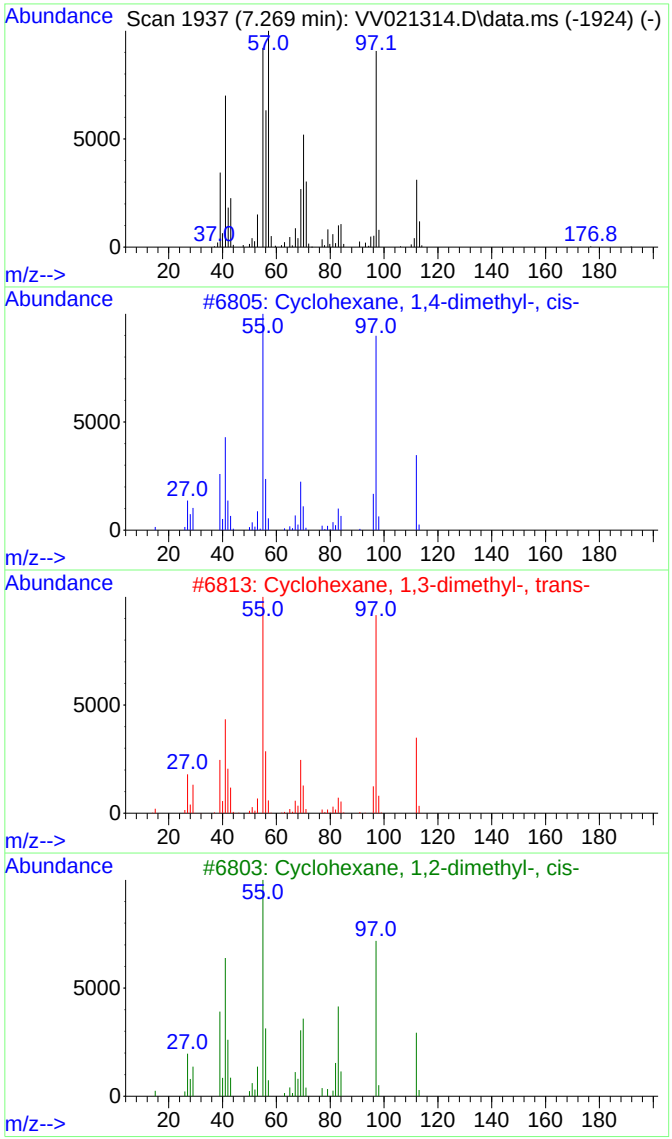
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

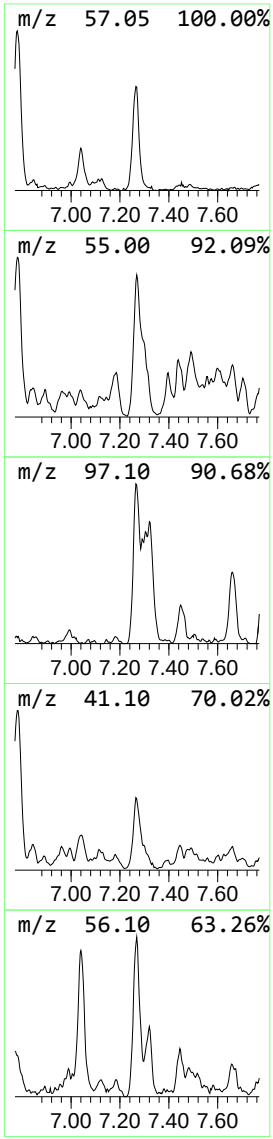
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic7.269 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	19.06 ug/L	510669	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, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	53
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	52
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	52
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

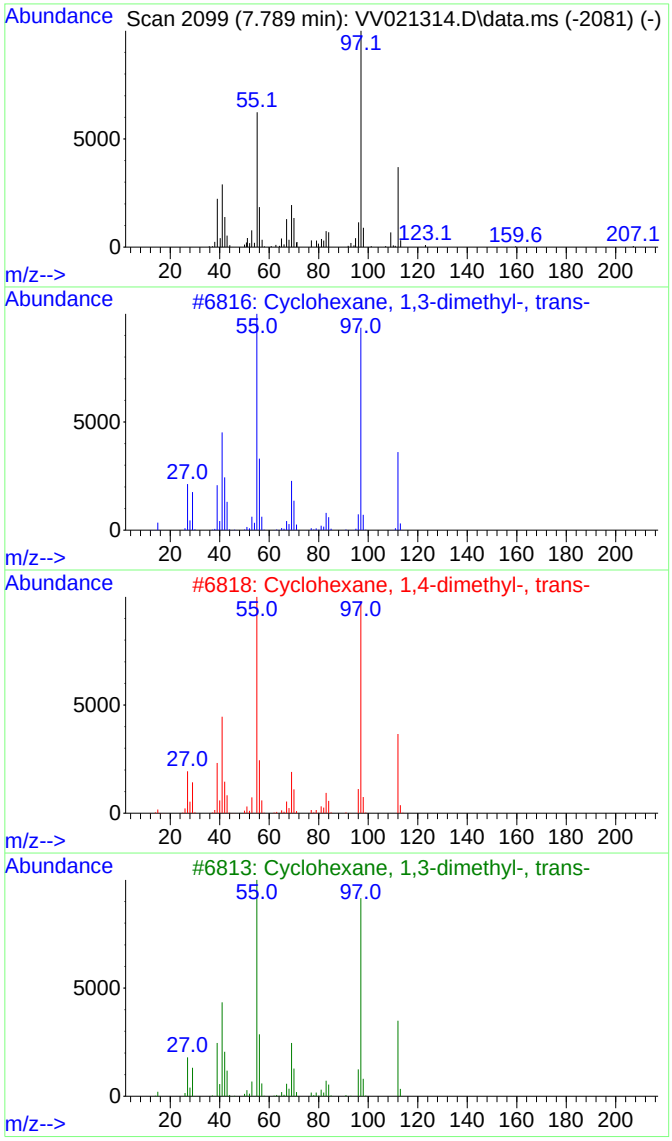
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

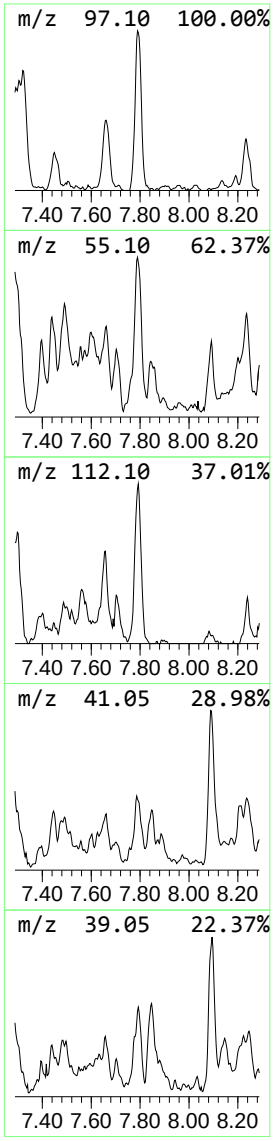
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic7.789 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.789	11.25 ug/L	301384	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

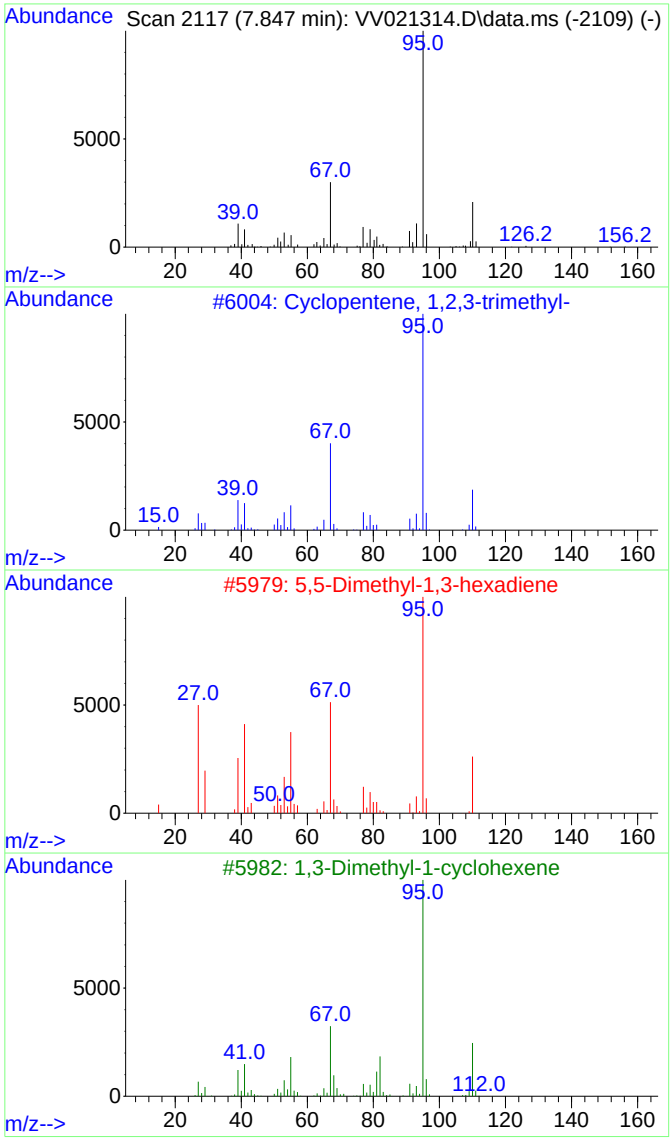
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

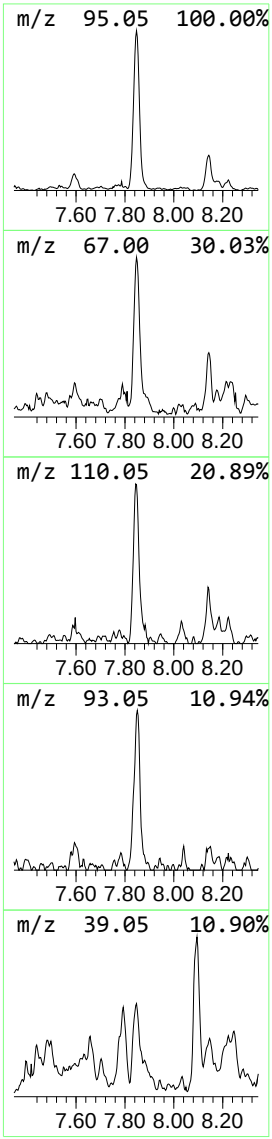
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.847	16.68 ug/L	446724	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	94
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	90
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	80
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

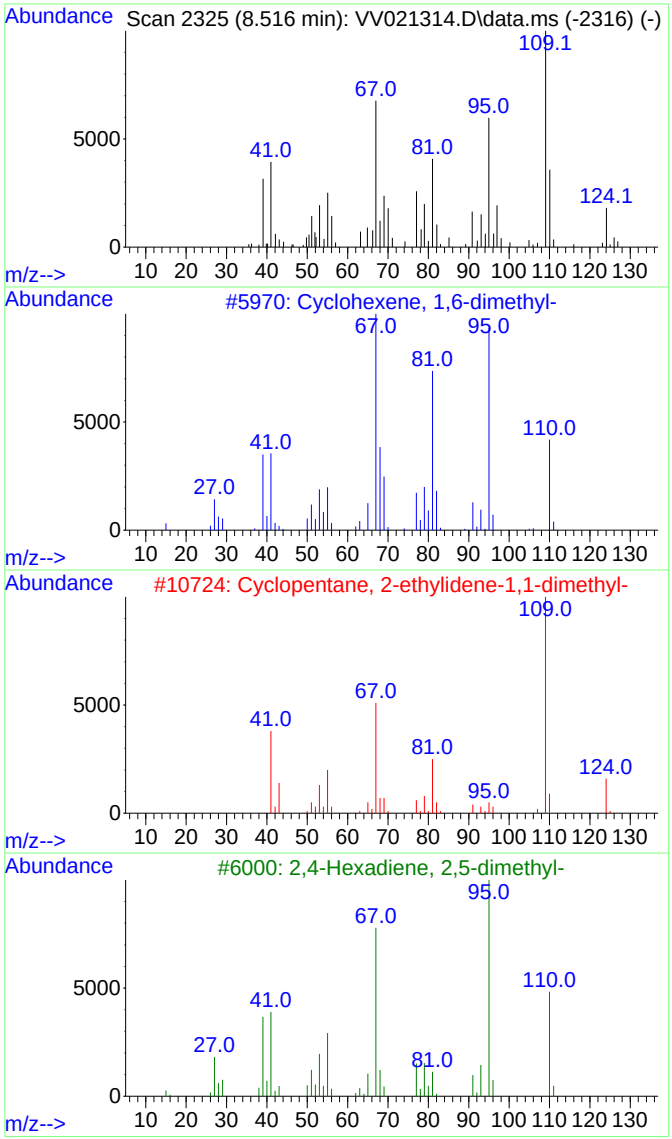
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

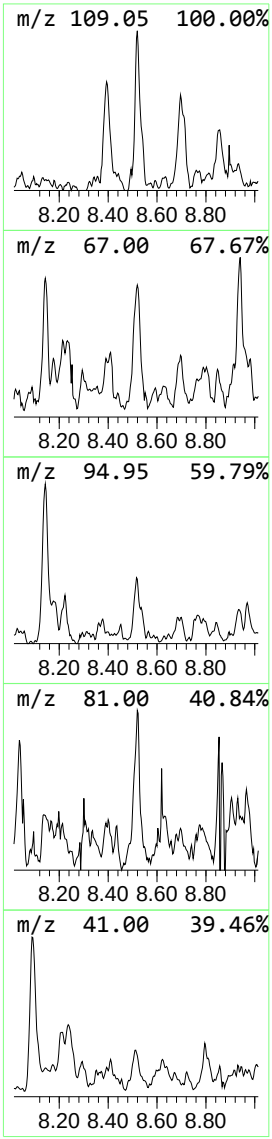
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclohexene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	5.91 ug/L	158346	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	50
2	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	49
3	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	46
4	1-Methylcycloheptene	110	C8H14	055308-20-8	45
5	1-Methylcycloheptene	110	C8H14	055308-20-8	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

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

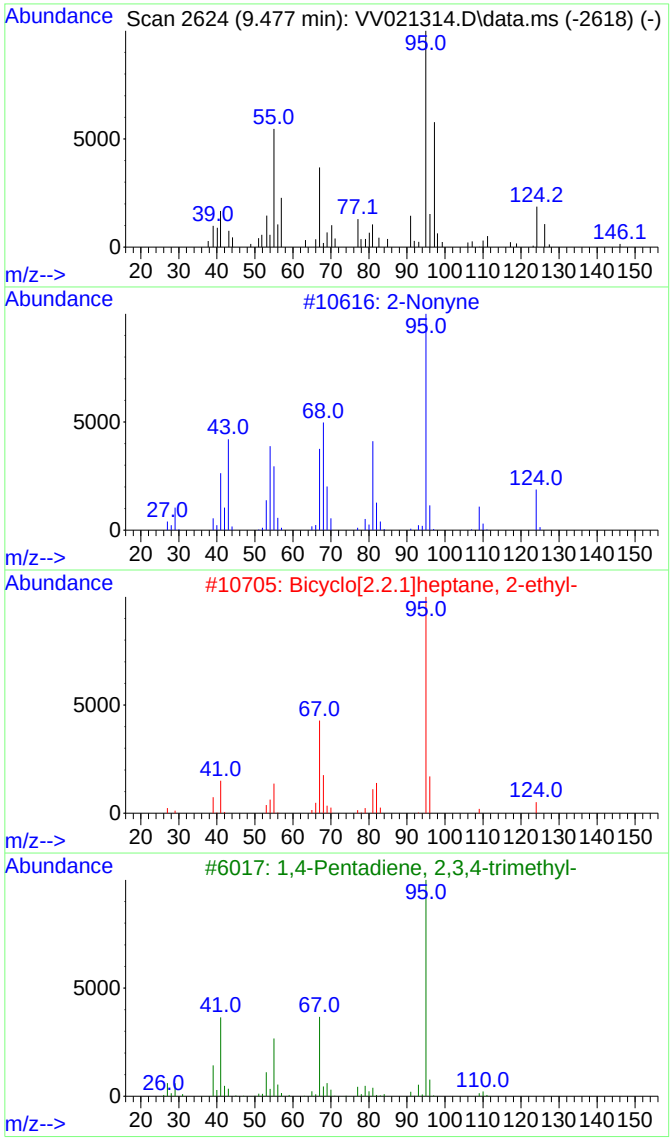
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

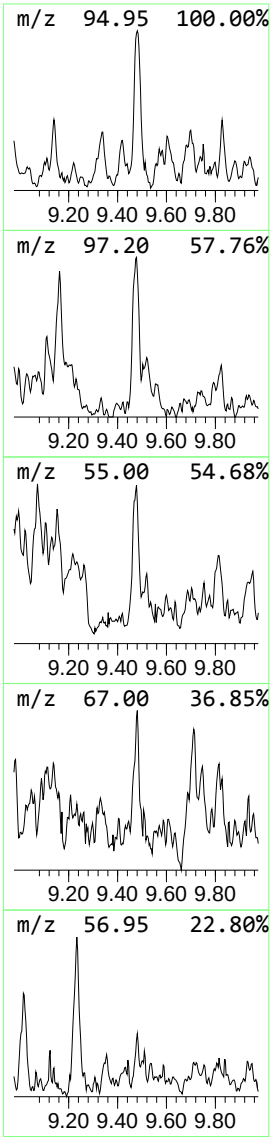
****

Peak Number 24 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.477	2.77 ug/L	74137	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonyne	124	C9H16	019447-29-1	47
2	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	47
3	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	46
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	25
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

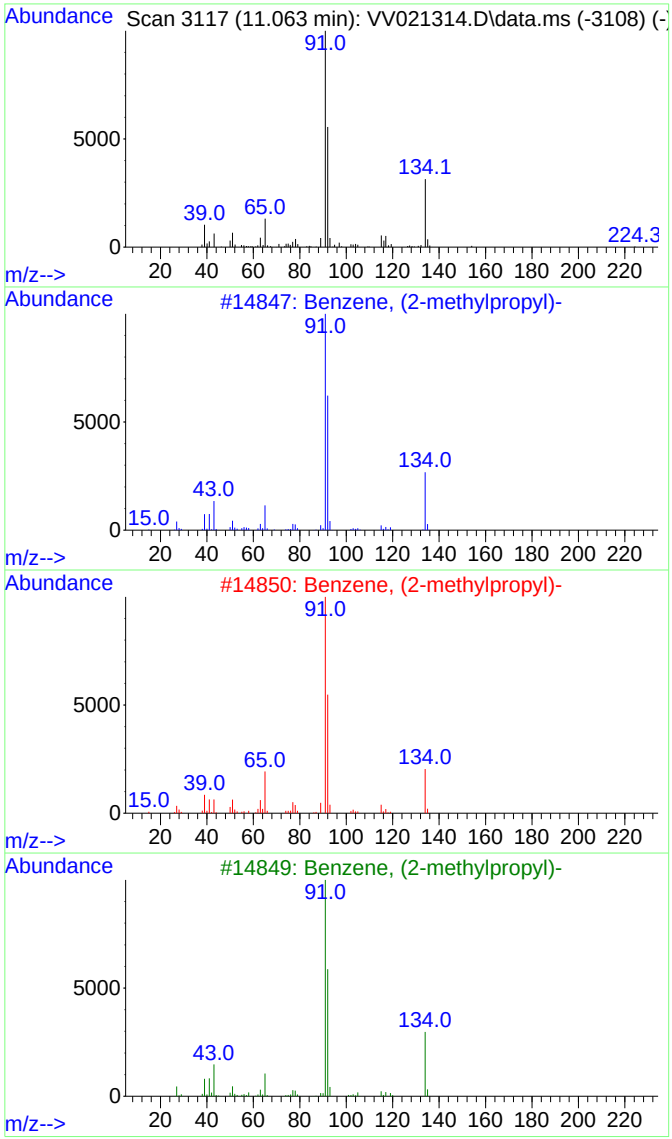
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

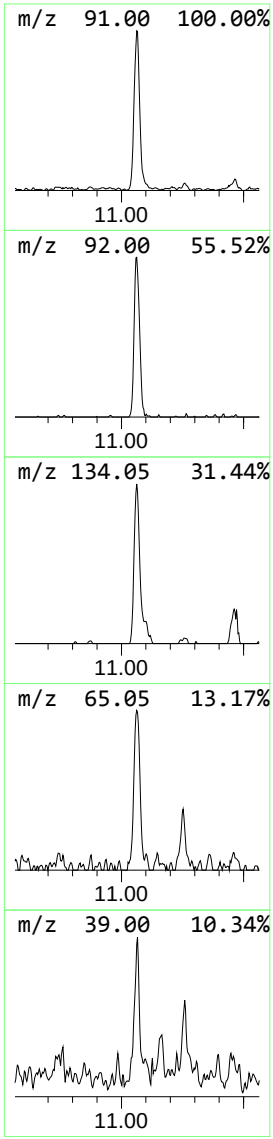
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, (2-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	7.13 ug/L	220273	1,4-Dichlorobenzene-d4	11.256

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	87
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	86
4	Benzene, butyl-	134	C10H14	000104-51-8	80
5	Benzene, butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

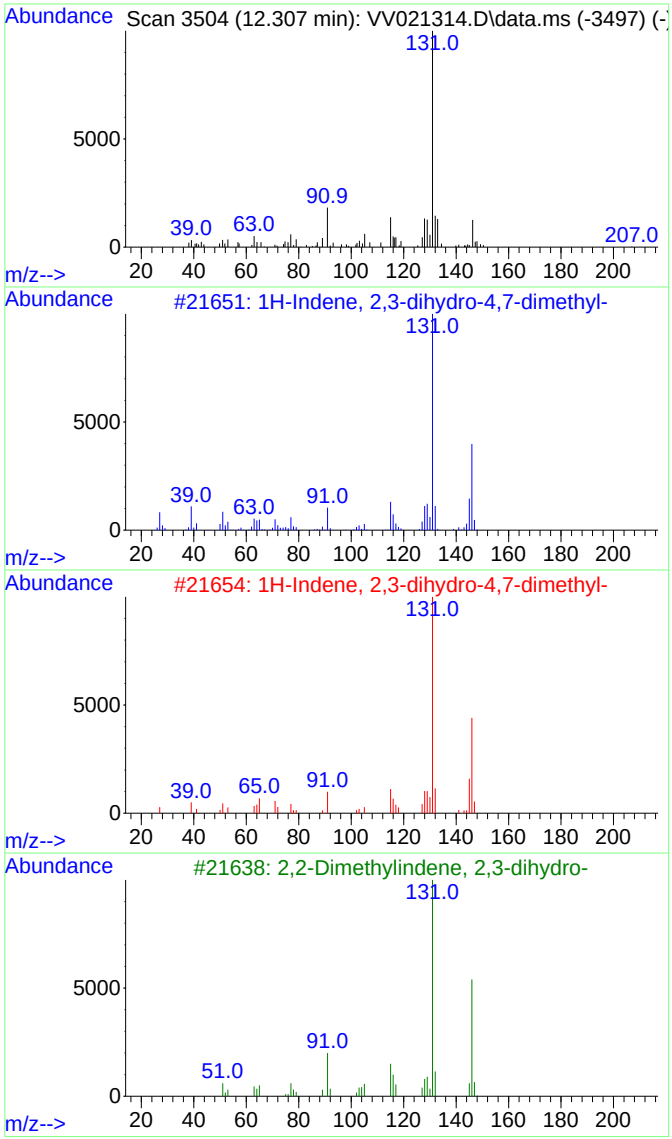
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

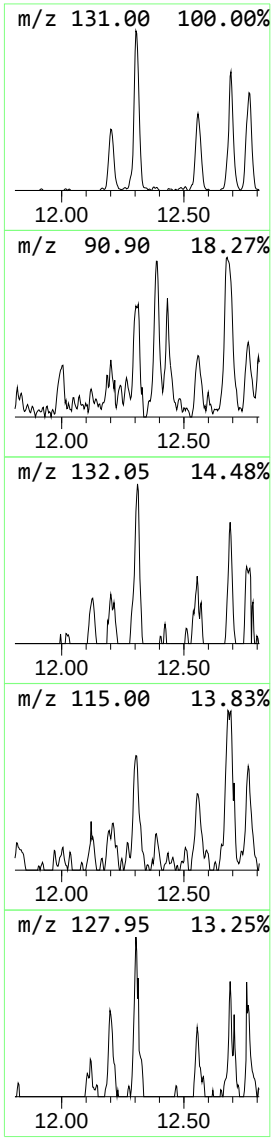
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.307	2.63 ug/L	81234	1,4-Dichlorobenzene-d4	11.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

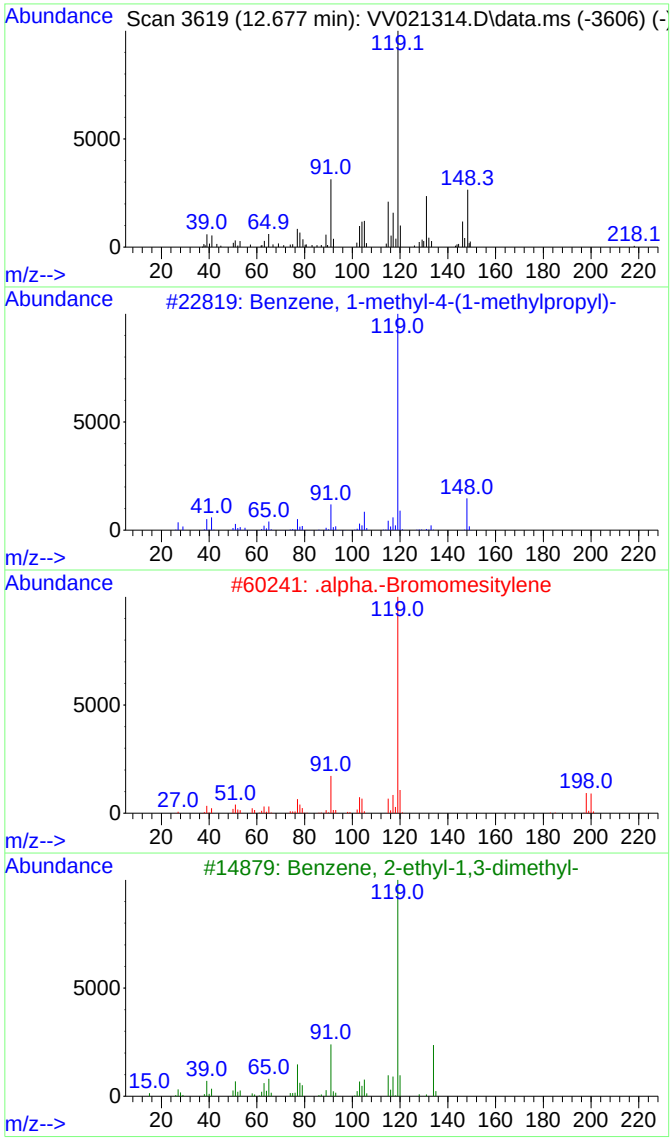
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

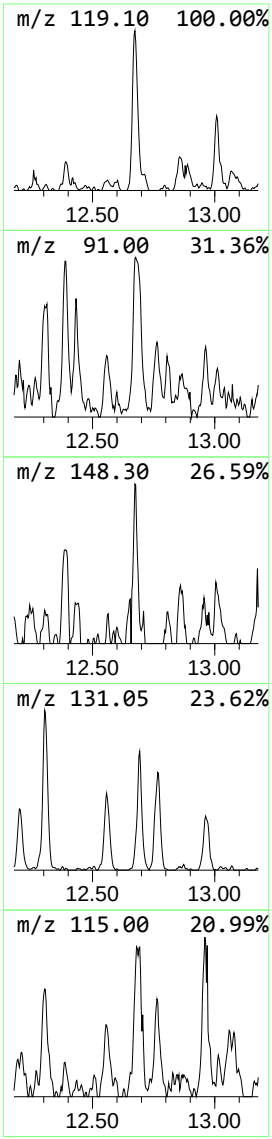
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-methyl-4-(1-meth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	3.06 ug/L	94436	1,4-Dichlorobenzene-d4	11.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
2	.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	50
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
4	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	50
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

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

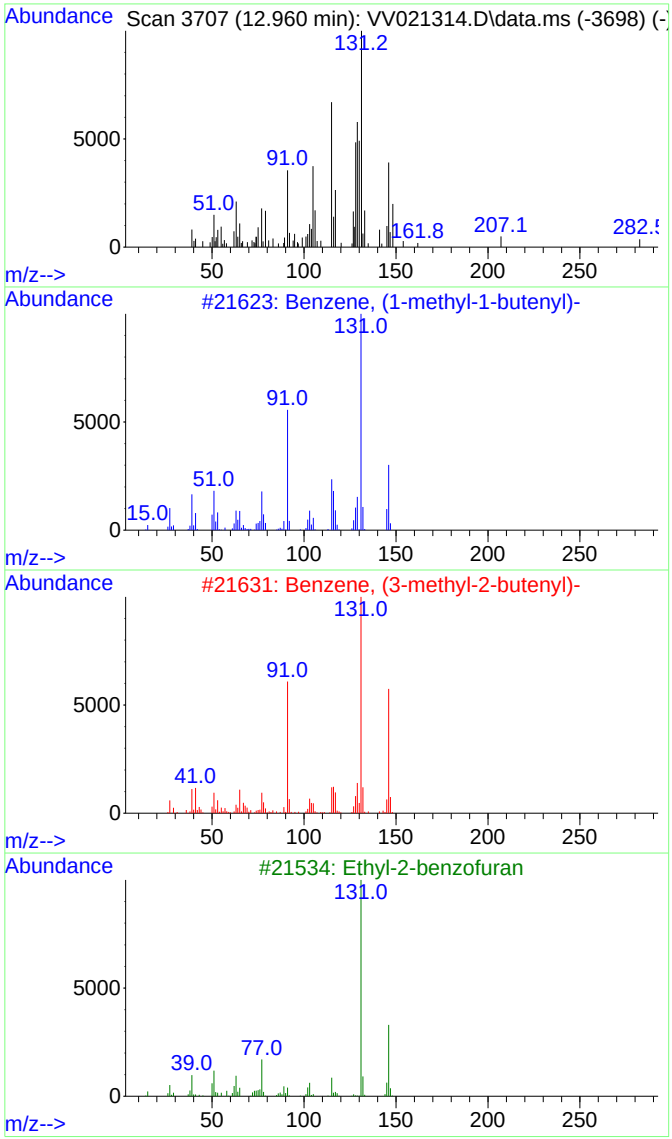
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

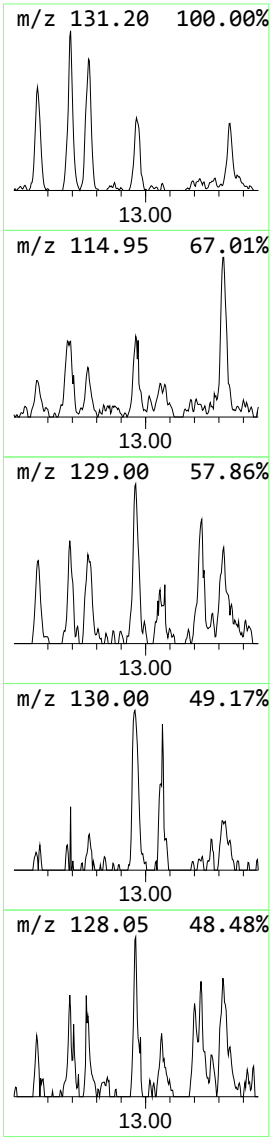
****

Peak Number 28 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.960	2.58 ug/L	79508	1,4-Dichlorobenzene-d4	11.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
3	Ethyl-2-benzofuran	146	C10H10O	003131-63-3	38
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	35
5	Benzene, (cyclopropylidenemethyl)-	130	C10H10	007555-67-1	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

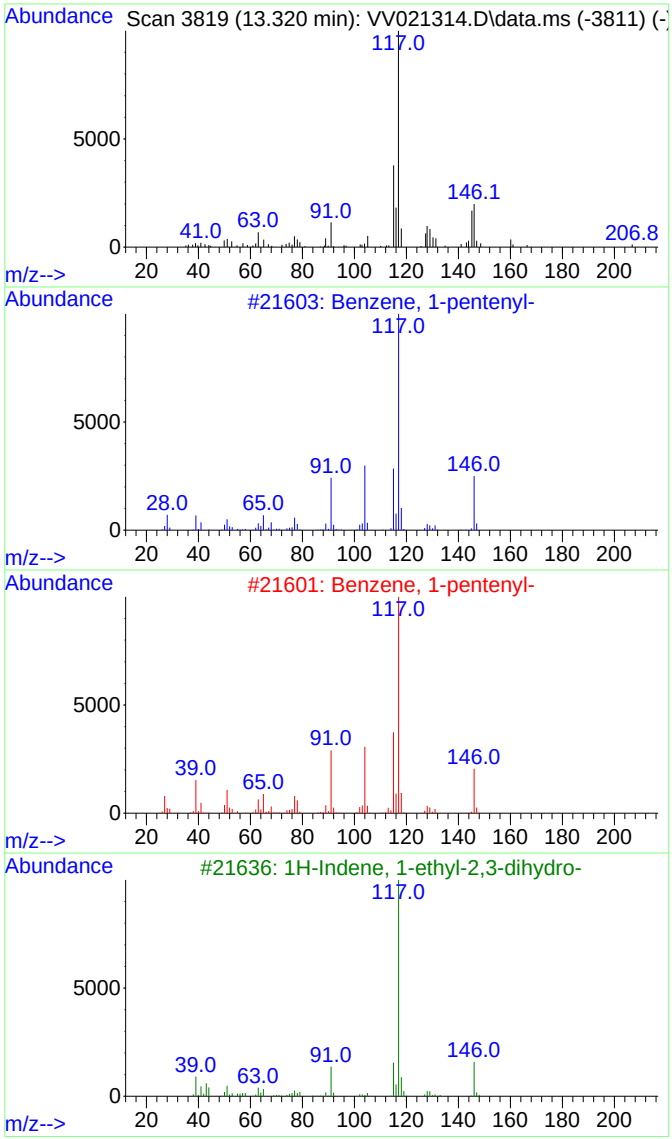
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

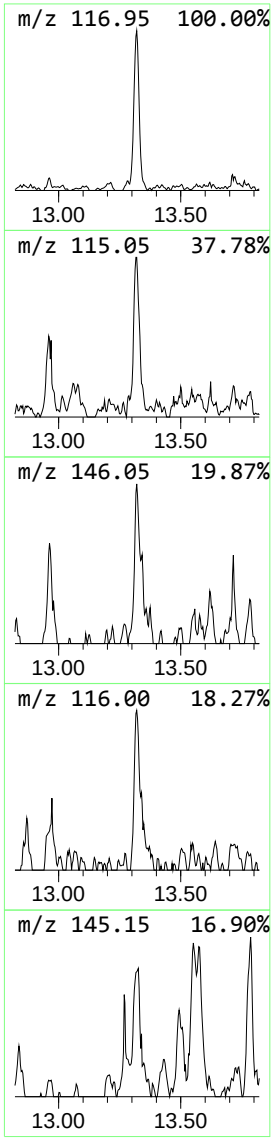
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-pentenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.320	4.46 ug/L	137802	1,4-Dichlorobenzene-d4	11.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	59
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	59
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	53
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	53
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

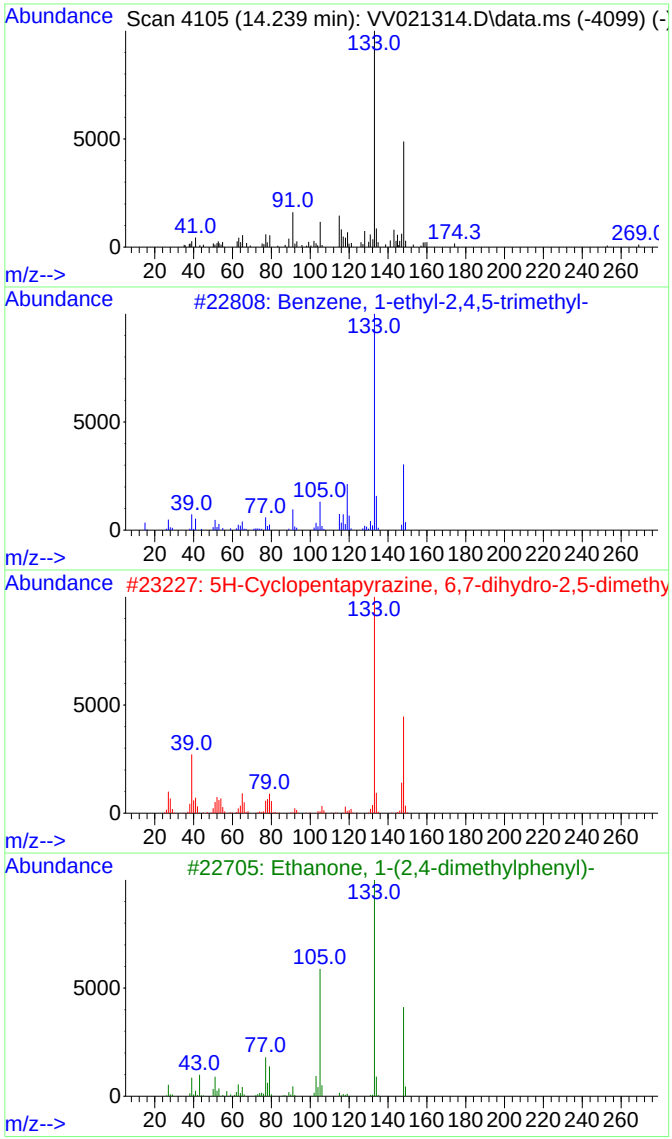
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

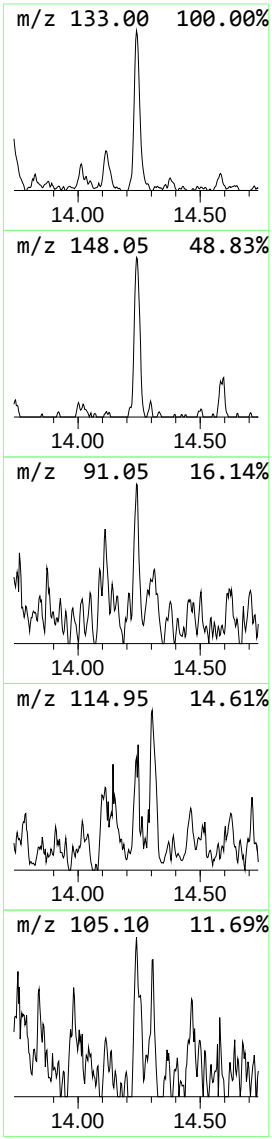
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	2.70 ug/L	83224	1,4-Dichlorobenzene-d4	11.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	80
2	5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	72
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	64
4	6-Methyl-4-indanol	148	C10H12O	020294-32-0	64
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

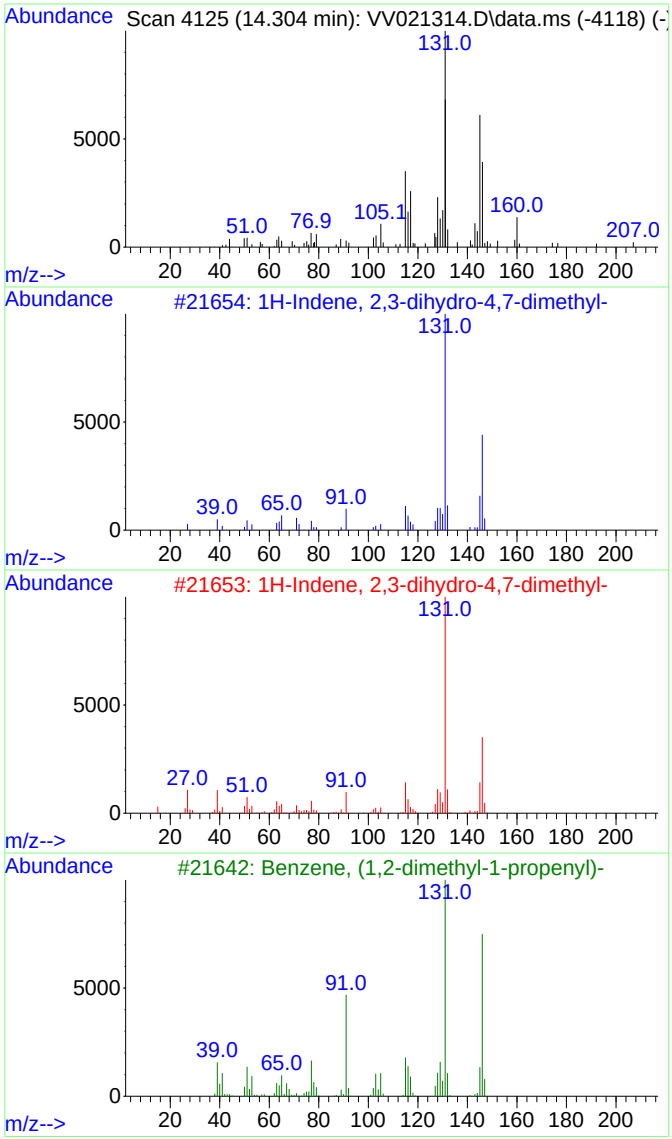
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

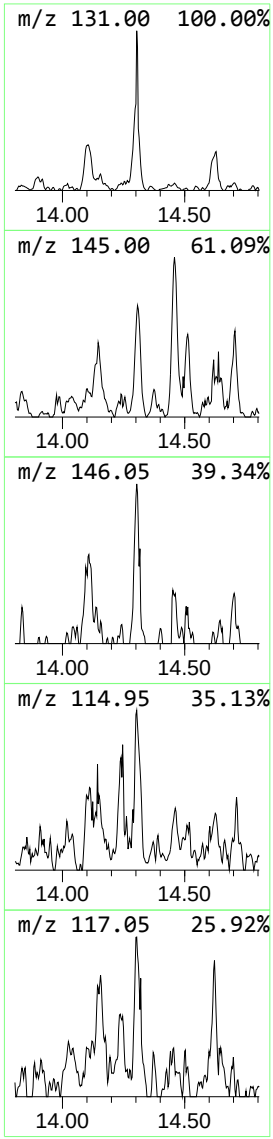
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	3.82 ug/L	118004	1,4-Dichlorobenzene-d4	11.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	52
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	52
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

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
(DEL) Alkane: S...	1.217	6.9	ug/L	192915	1	5.622	1399010	50.0
(DEL) Alkane: S...	1.635	126.5	ug/L	3538850	1	5.622	1399010	50.0
(DEL) Alkane: S...	2.497	72.9	ug/L	2040030	1	5.622	1399010	50.0
2(3H)-Furanone,...	2.577	15.3	ug/L	429192	1	5.622	1399010	50.0
2-Propanol, 2-m...	2.706	6.8	ug/L	191466	1	5.622	1399010	50.0
(DEL) Alkane: S...	3.278	3.1	ug/L	88197	1	5.622	1399010	50.0
(DEL) Alkane: S...	3.545	10.3	ug/L	286856	1	5.622	1399010	50.0
(DEL) Alkane: S...	3.671	34.8	ug/L	972874	1	5.622	1399010	50.0
(DEL) Alkane: C...	3.767	5.6	ug/L	157815	1	5.622	1399010	50.0
(DEL) Alkane: S...	4.767	105.0	ug/L	2936740	1	5.622	1399010	50.0
2,2,6,6,-Tetram...	4.950	14.2	ug/L	396656	1	5.622	1399010	50.0
(DEL) Alkane: C...	5.182	28.1	ug/L	785889	1	5.622	1399010	50.0
(DEL) Alkane: S...	5.240	67.6	ug/L	1892220	1	5.622	1399010	50.0
(DEL) Alkane: S...	6.201	12.9	ug/L	360920	1	5.622	1399010	50.0
(DEL) Alkane: S...	6.262	15.2	ug/L	424898	1	5.622	1399010	50.0
(DEL) Alkane: C...	6.465	11.3	ug/L	314750	1	5.622	1399010	50.0
(DEL) Alkane: S...	6.658	50.3	ug/L	1406490	1	5.622	1399010	50.0
(DEL) Alkane: S...	6.780	43.8	ug/L	1224020	1	5.622	1399010	50.0
(DEL) Alkane: C...	7.269	19.1	ug/L	510669	2	8.857	1339410	50.0
(DEL) Alkane: C...	7.789	11.3	ug/L	301384	2	8.857	1339410	50.0
Cyclopentene, 1...	7.847	16.7	ug/L	446724	2	8.857	1339410	50.0
Cyclohexene, 1,...	8.516	5.9	ug/L	158346	2	8.857	1339410	50.0
unknown-01	9.477	2.8	ug/L	74137	2	8.857	1339410	50.0
Benzene, (2-met...	11.063	7.1	ug/L	220273	3	11.256	1543830	50.0
1H-Indene, 2,3-...	12.307	2.6	ug/L	81234	3	11.256	1543830	50.0
Benzene, 1-meth...	12.677	3.1	ug/L	94436	3	11.256	1543830	50.0
unknown-02	12.960	2.6	ug/L	79508	3	11.256	1543830	50.0
Benzene, 1-pent...	13.320	4.5	ug/L	137802	3	11.256	1543830	50.0
Benzene, 1-ethy...	14.239	2.7	ug/L	83224	3	11.256	1543830	50.0
1H-Indene, 2,3-...	14.304	3.8	ug/L	118004	3	11.256	1543830	50.0