LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

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\SFAMVLM092721WMA.M
Title : VOC Analysis

Signal : TIC: VV022458.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.214	48	54	68	rVB	250984	231570	2.34%	0.636%
2	1.304	74	82	93	rBV	1390635	1350827	13.66%	3.708%
3	1.413	111	116	123	rVB	21421	20313	0.21%	0.056%
4	1.558	152	161	172	rBV2	125747	159854	1.62%	0.439%
5	1.626	173	182	203	rVB	2357075	3001920	30.35%	8.240%
6	1.764	218	225	228	rBV	19735	22751	0.23%	0.062%
7	1.802	228	237	257	rVB2	584741	868292	8.78%	2.383%
8	1.896	257	266	277	rBV	233475	300247	3.04%	0.824%
9	1.979	284	292	297	rBV	115539	151126	1.53%	0.415%
10	2.021	297	305	321	rVB	531869	740609	7.49%	2.033%
11	2.105	321	331	358	rVB2	245732	495939	5.01%	1.361%
12	2.494	417	452	455	rBV5	318589	719838	7.28%	1.976%
13	2.574	470	477	512	rVB	641939	1286256	13.01%	3.531%
14	2.757	519	534	558	rBV2	598571	1197084	12.10%	3.286%
15	2.937	576	590	607	rBV2	42033	87300	0.88%	0.240%
16	3.037	608	621	642	rBV2	125698	247227	2.50%	0.679%
17	3.153	645	657	667	rBV4	25883	55165	0.56%	0.151%
18	3.220	668	678	686	rBV3	42185	85022	0.86%	0.233%
19	3.365	710	723	734	rBV3	84786	191576	1.94%	0.526%
20	3.436	735	745	758	rVV4	59446	143841	1.45%	0.395%
21	3.577	780	789	804	rVB2	72224	158761	1.61%	0.436%
22	3.667	807	817	829	rVB2	39858	88757	0.90%	0.244%
23	3.761	830	846	864	rBV	721076	1796042	18.16%	4.930%
24	4.143	958	965	966	rBV4	989	1154	0.01%	0.003%
25	4.349	1015	1029	1055	rBV	145574	416513	4.21%	1.143%
26	4.558	1083	1094	1106	rBV	7556	22300	0.23%	0.061%
27	4.677	1113	1131	1145	rBV2	429452	1084915	10.97%	2.978%
28	4.908	1189	1203	1230	rVB5	87105	256289	2.59%	0.704%
29	5.050	1230	1247	1249	rBV2	374615	700887	7.09%	1.924%
30	5.098	1251	1262	1279	rVB	4642046	9890423	100.00%	27.149%
31	5.320	1322	1331	1351	rVB3	81903	188254	1.90%	0.517%
32	5.490	1373	1384	1394	rBV3	29050	59278	0.60%	0.163%
33	5.616	1412	1423	1463	rBV	288675	832791	8.42%	2.286%
34	5.841	1484	1493	1505	rVV2	21938	40184	0.41%	0.110%
35	5.928	1507	1520	1540	rVB10	51298	156112	1.58%	0.429%
36	6.069	1551	1564	1572	rBV	203046	416055	4.21%	1.142%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

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\SFAMVLM092721WMA.M
Title : VOC Analysis

37	6.259	1615	1623	1632	rBV4	11591	19671	0.20%	0.054%
38	6.365	1646	1656	1674	rVB3	43738	89977	0.91%	0.247%
39	6.461	1676	1686	1699	rVB3	10384	22484	0.23%	0.062%
40	6.574	1701	1721	1732	rBV4	33712	111112	1.12%	0.305%
41	6.654	1734	1746	1765	rVB	79286	172956	1.75%	0.475%
42	6.777	1765	1784	1800	rBV2	116527	295443	2.99%	0.811%
43	6.989	1840	1850	1866	rVB	98335	171868	1.74%	0.472%
44	7.317	1942	1952	1967	rVB	422316	727909	7.36%	1.998%
45	7.391	1968	1975	1986	rBV	37032	58538	0.59%	0.161%
46	7.490	1999	2006	2021	rVB8	32656	66351	0.67%	0.182%
47	7.622	2041	2047	2068	rVB	70269	133981	1.35%	0.368%
48	7.844	2108	2116	2138	rVB	38517	70302	0.71%	0.193%
49	7.976	2139	2157	2173	rBV	174138	297658	3.01%	0.817%
50	8.088	2181	2192	2205	rBV2	270573	471385	4.77%	1.294%
51	8.169	2208	2217	2228	rVB	158935	273359	2.76%	0.750%
52	8.516	2315	2325	2332	rBV8	8896	16928	0.17%	0.046%
53	8.629	2351	2360	2372	rVB7	11028	19275	0.19%	0.053%
54	8.725	2379	2390	2406	rBV	108343	190301	1.92%	0.522%
55	8.854	2420	2430	2443	rBV	425928	671845	6.79%	1.844%
56	9.014	2470	2480	2493	rBV	466971	723352	7.31%	1.986%
57	9.140	2510	2519	2533	rVB	194777	316170	3.20%	0.868%
58	9.436	2606	2611	2613	rBV3	1133	931	0.01%	0.003%
59	9.477	2613	2624	2628	rBV10	2219	3846	0.04%	0.011%
60	9.548	2636	2646	2657	rBV	46049	75739	0.77%	0.208%
61	9.693	2682	2691	2692	rBV6	1700	2130	0.02%	0.006%
62	9.786	2715	2720	2722	rBV6	1724	1762	0.02%	0.005%
63	9.934	2755	2766	2778	rBV	81905	128899	1.30%	0.354%
64	10.001	2780	2787	2794	rVB2	7306	10616	0.11%	0.029%
65	10.217	2843	2854	2877	rVB	296309	458629	4.64%	1.259%
66	10.355	2882	2897	2916	rVB	67320	119020	1.20%	0.327%
67	10.448	2916	2926	2944	rBV	89672	174185	1.76%	0.478%
68	10.542	2945	2955	2976	rVB	42652	71837	0.73%	0.197%
69	10.641	2984	2986	2990	rBV3	903	644	0.01%	0.002%
70	10.738	2998	3016	3037	rBV	187598	306141	3.10%	0.840%
71	10.915	3059	3071	3088	rBV	459403	691773	6.99%	1.899%
72	11.056	3107	3115	3120	rBV2	6931	10045	0.10%	0.028%
73	11.091	3121	3126	3136	rVB2	9763	14119	0.14%	0.039%
74	11.194	3150	3158	3165	rBV2	15166	22419	0.23%	0.062%
75	11.249	3165	3175	3193	rVB	452721	706393	7.14%	1.939%
76	11.336	3193	3202	3214	rBV	62009	96538	0.98%	0.265%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

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\SFAMVLM092721WMA.M
Title : VOC Analysis

77	11.448	3235	3237	3248	rVB6	3684	5271	0.05%	0.014%
78	11.532	3250	3263	3273	rBV3	58289	127636	1.29%	0.350%
79	11.625	3282	3292	3313	rVB	462518	756958	7.65%	2.078%
80	11.751	3318	3331	3341	rVB4	11845	18792	0.19%	0.052%
81	11.821	3344	3353	3367	rVB	16256	26028	0.26%	0.071%
82	11.915	3373	3382	3388	rBV	16254	28814	0.29%	0.079%
83	12.021	3402	3415	3430	rBV	28721	52887	0.53%	0.145%
84	12.117	3435	3445	3471	rVB2	29322	59071	0.60%	0.162%
85	12.316	3499	3507	3521	rVB3	7250	13073	0.13%	0.036%
86	12.390	3521	3530	3531	rBV2	1140	1129	0.01%	0.003%
87	12.416	3531	3538	3545	rVV2	8286	11757	0.12%	0.032%
88	12.468	3546	3554	3564	rVB2	10956	16820	0.17%	0.046%
89	12.558	3575	3582	3586	rBV6	2784	3388	0.03%	0.009%
90	12.596	3586	3594	3598	rVB5	972	1344	0.01%	0.004%
91	12.760	3643	3645	3650	rVB	954	610	0.01%	0.002%
92	12.841	3665	3670	3673	rBV2	617	595	0.01%	0.002%
93	12.886	3676	3684	3698	rVB3	11596	17950	0.18%	0.049%
94	13.217	3781	3787	3794	rBV3	495	863	0.01%	0.002%
95	13.339	3818	3825	3830	rVV3	866	1173	0.01%	0.003%
96	15.776	4579	4583	4589	rBV5	810	1055	0.01%	0.003%
97	16.027	4659	4661	4669	rVB3	823	763	0.01%	0.002%
98	16.066	4669	4673	4676	rBV5	726	656	0.01%	0.002%
99	16.117	4686	4689	4694	rBV3	709	605	0.01%	0.002%
100	16.699	4866	4870	4875	rBV6	913	859	0.01%	0.002%

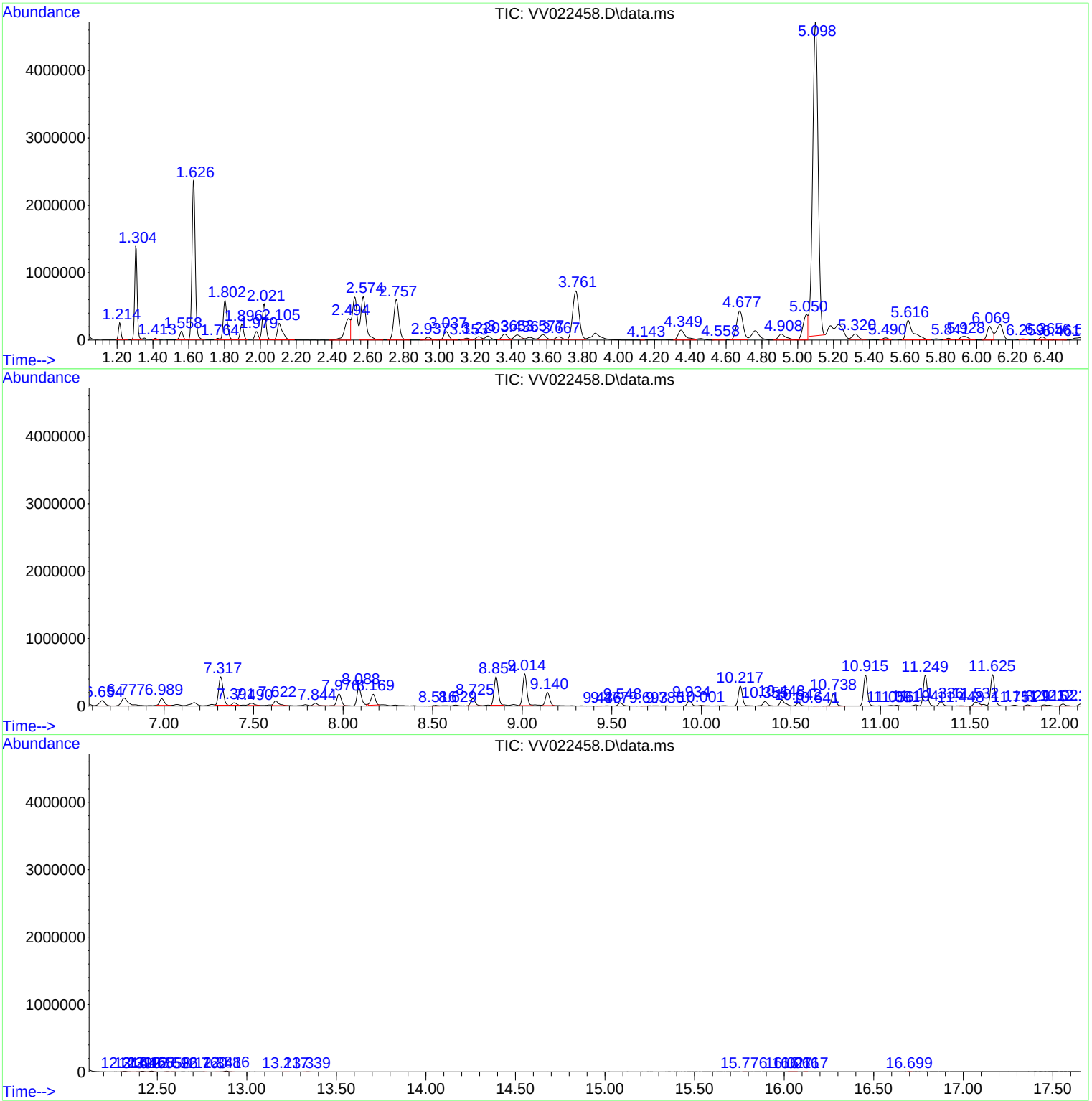
Sum of corrected areas: 36430100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4A28

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

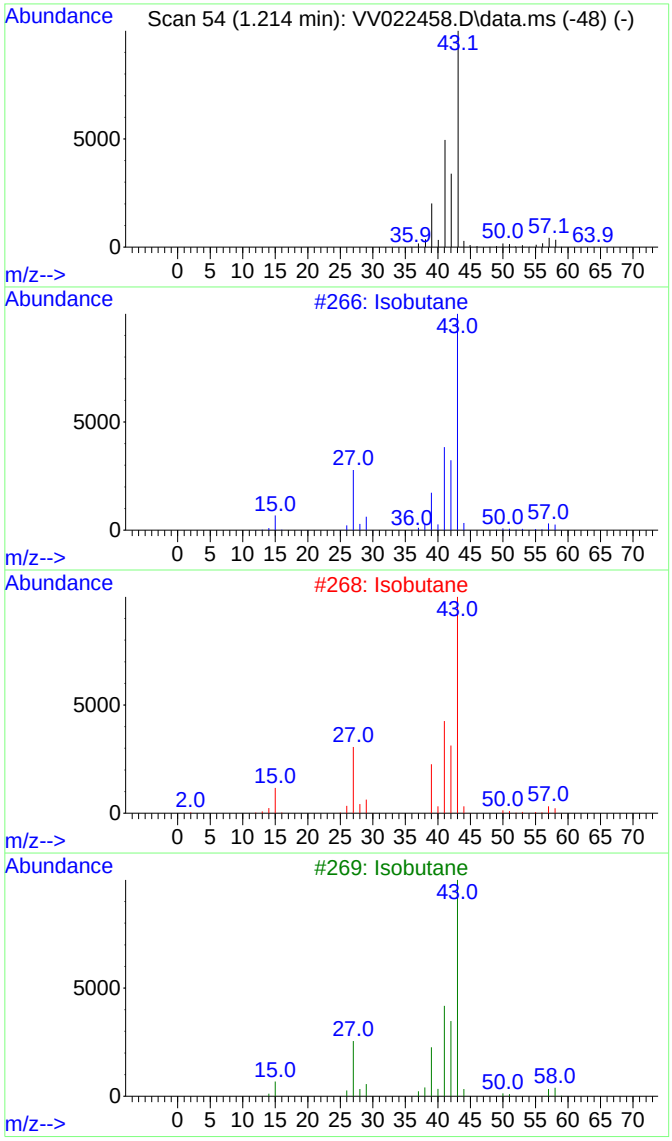
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

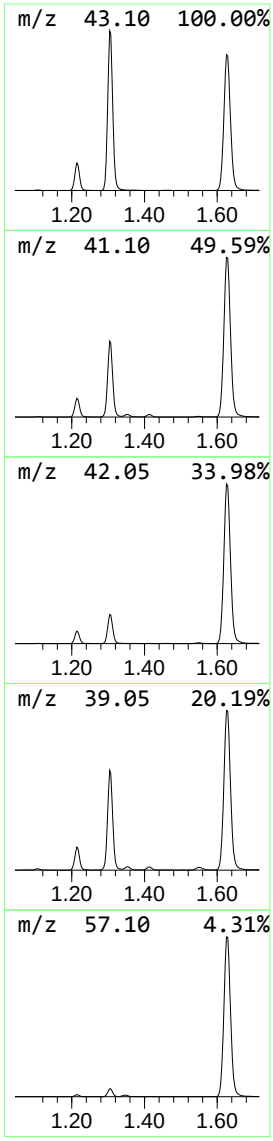
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.214	13.90 ug/L	231570	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	42
5	Isobutane	58	C4H10	000075-28-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

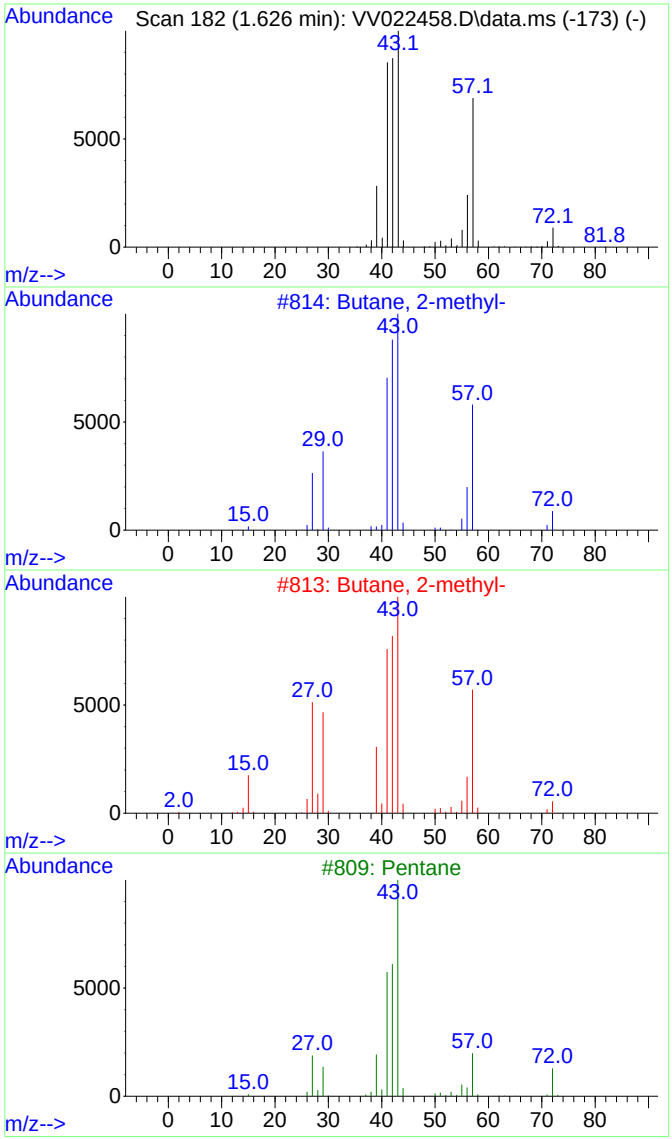
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

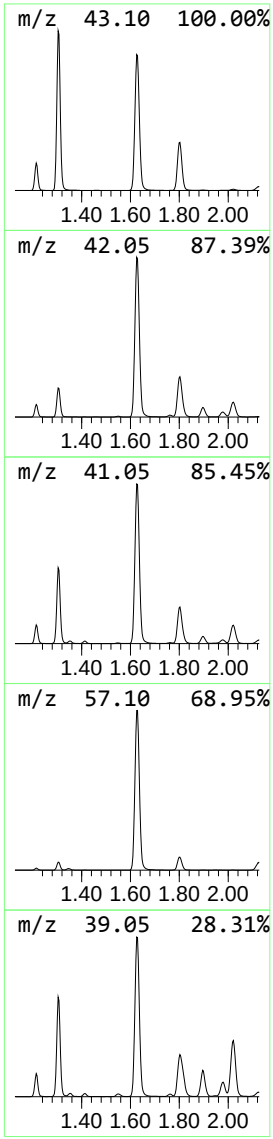
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.626	180.23 ug/L	3001920	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	Pentane	72	C5H12	000109-66-0	43
4	3-Buten-1-ol	72	C4H8O	000627-27-0	33
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

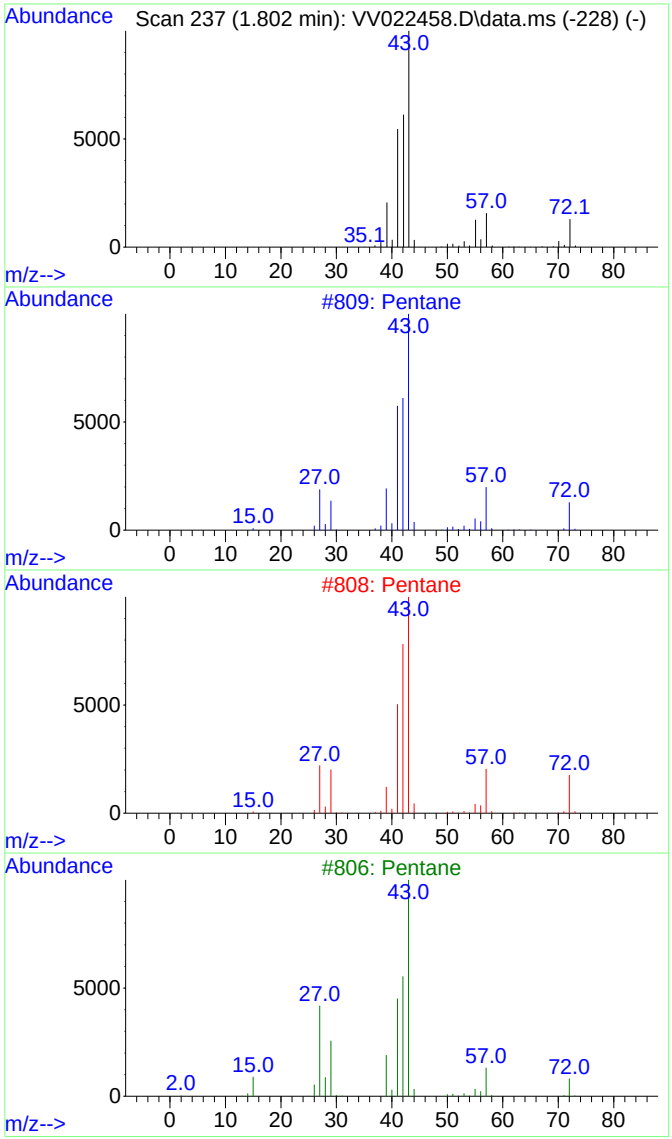
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

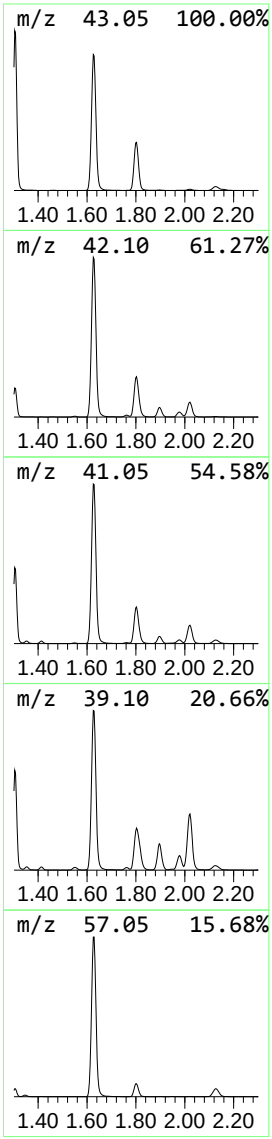
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.802	52.13 ug/L	868292	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

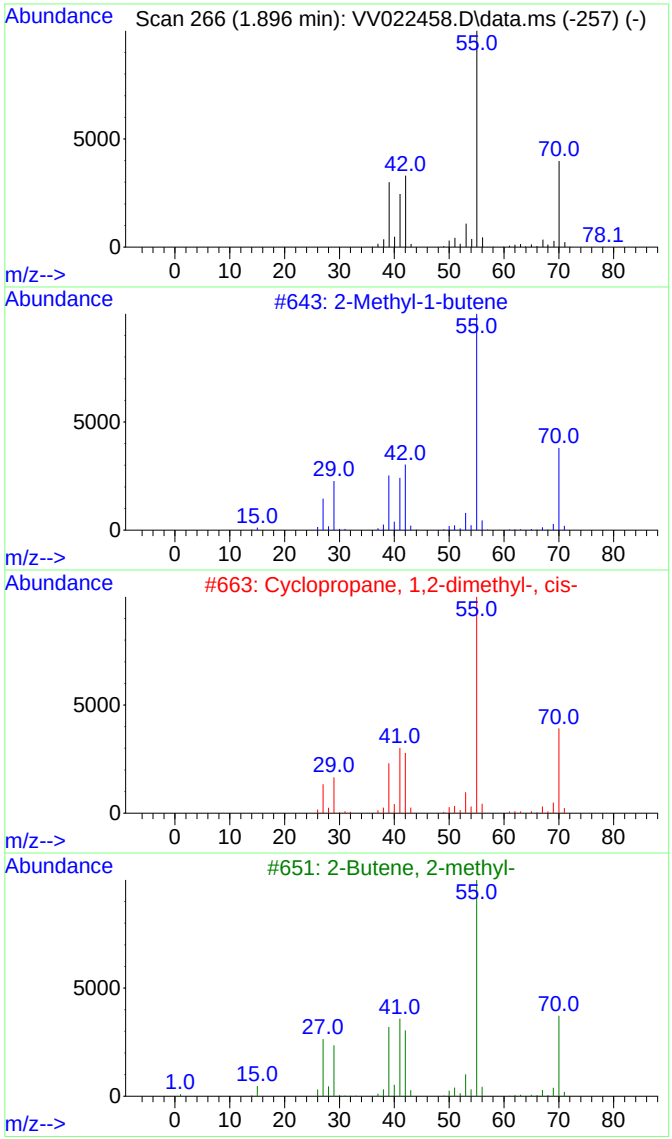
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

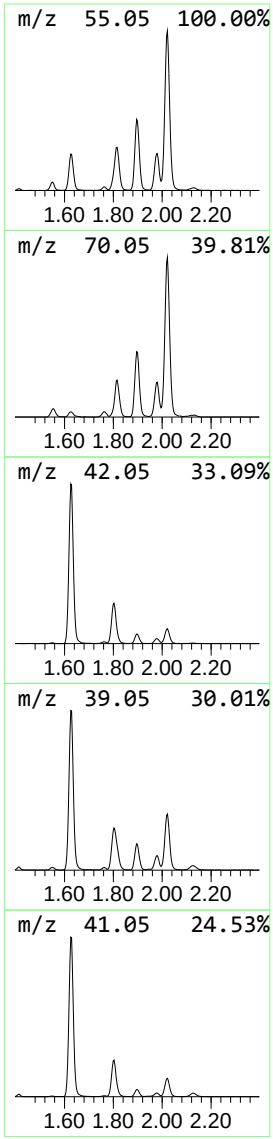
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.896	18.03 ug/L	300247	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	91
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
5	2-Pentene, (E)-	70	C5H10	000646-04-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

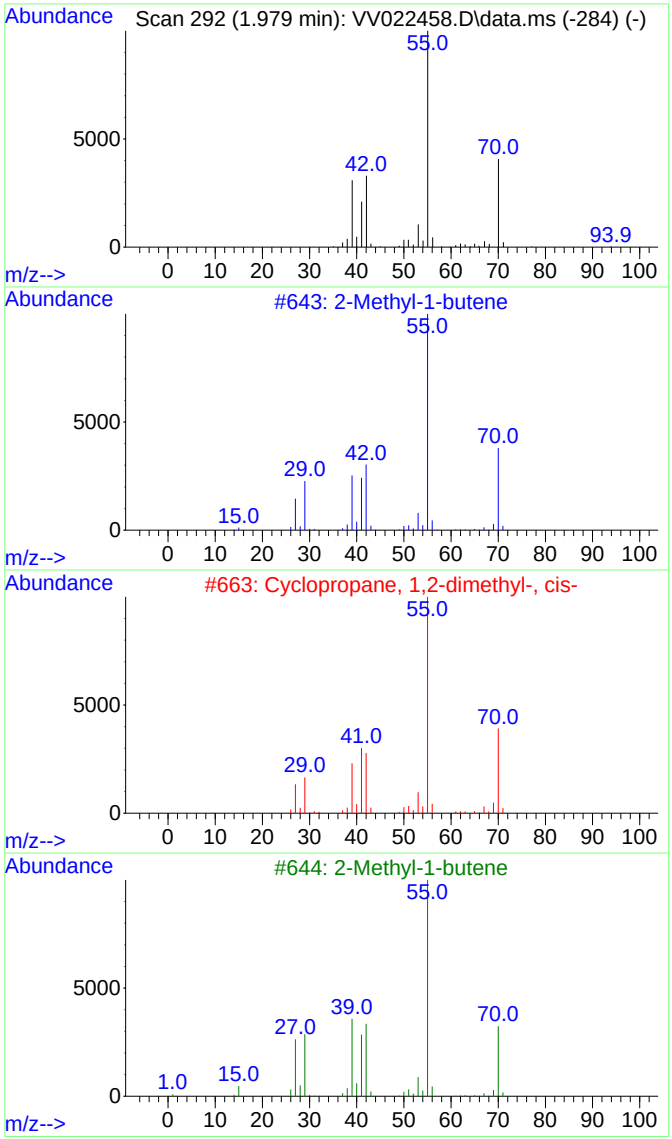
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

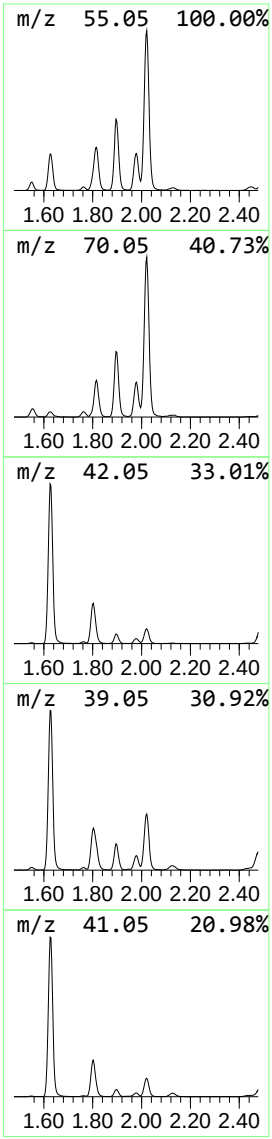
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.979	9.07 ug/L	151126	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	91
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
3	2-Methyl-1-butene	70	C5H10	000563-46-2	87
4	2-Pentene	70	C5H10	000109-68-2	87
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

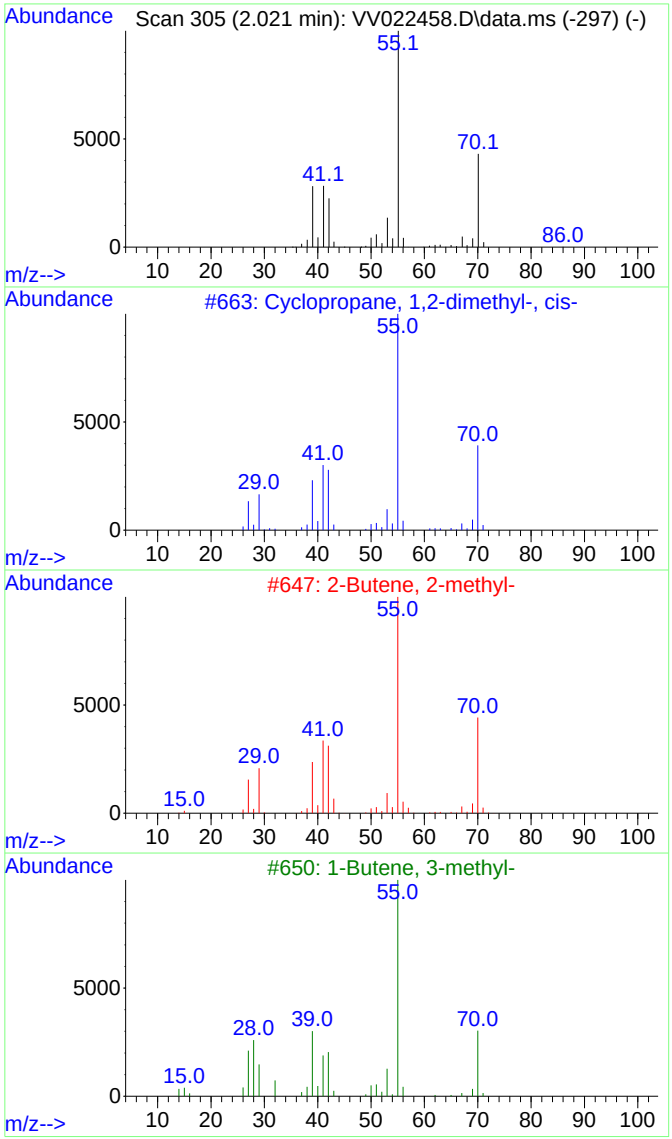
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

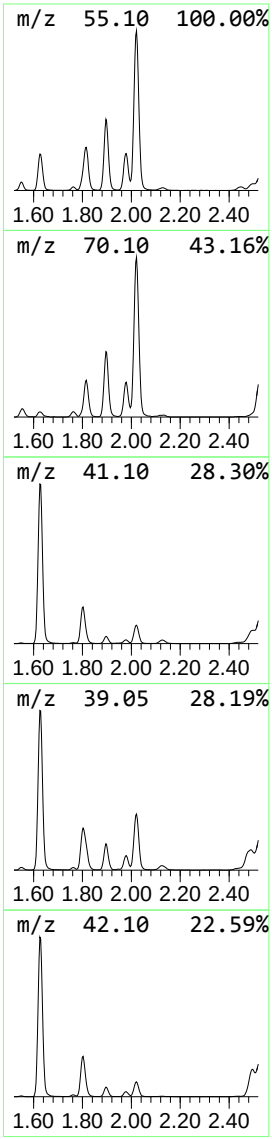
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic2.021 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.021	44.47 ug/L	740609	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

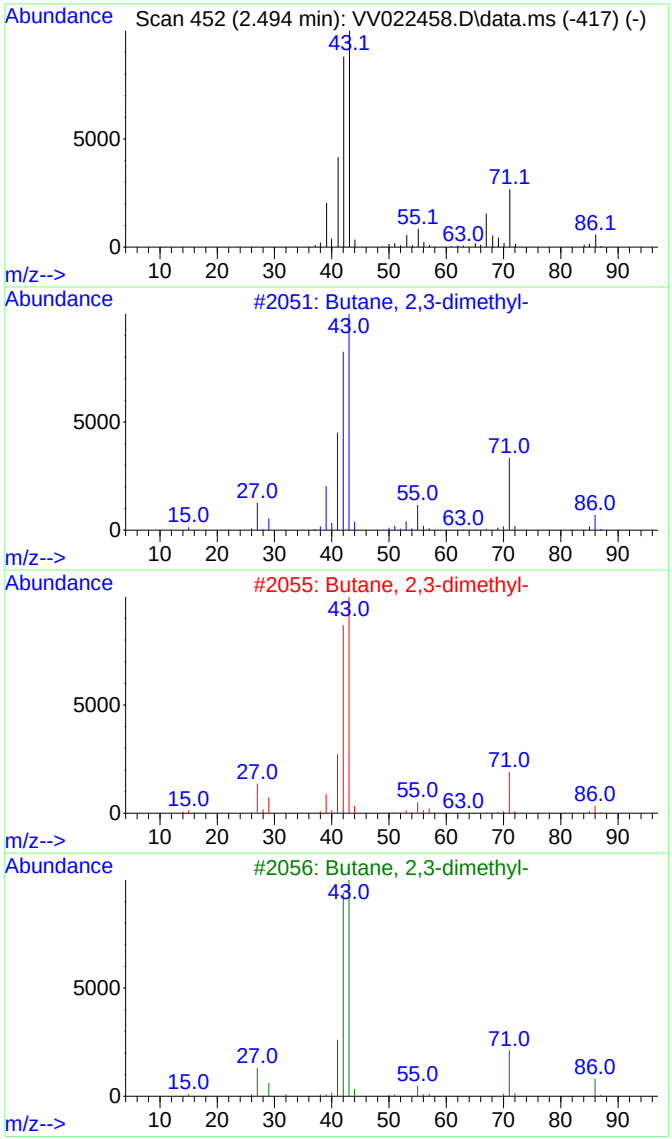
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

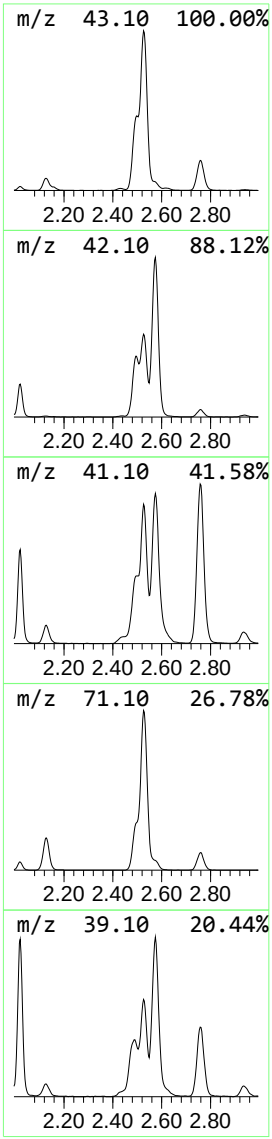
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.494	43.22 ug/L	719838	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	68
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

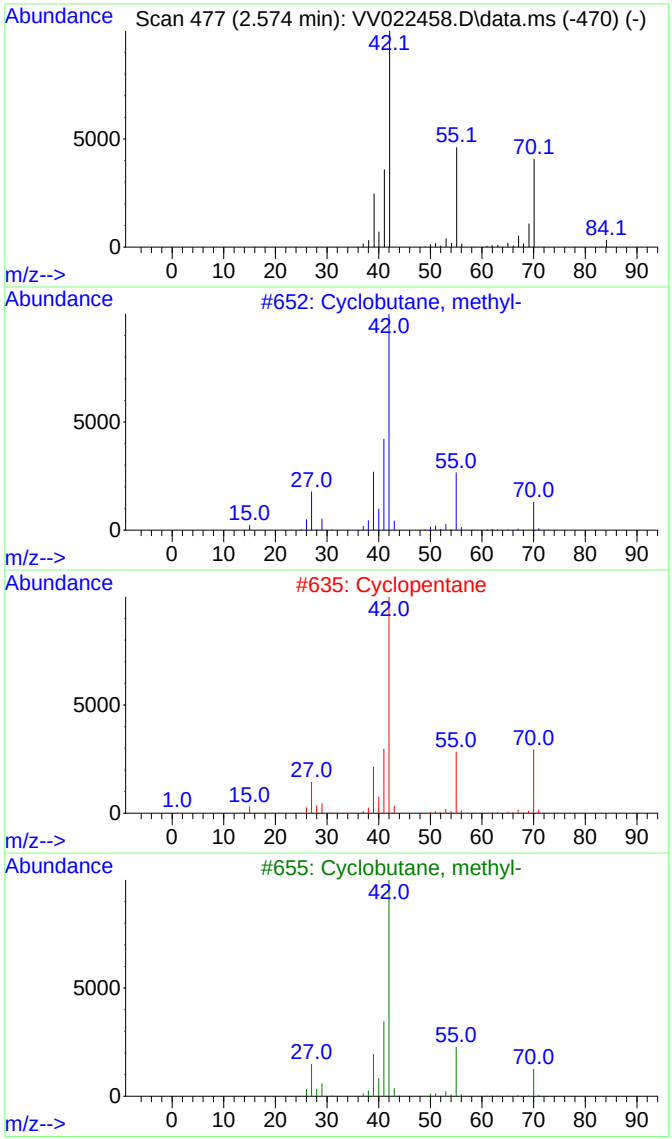
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

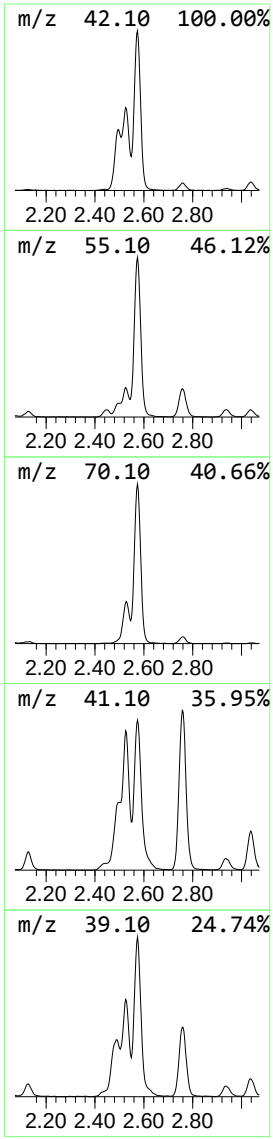
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic2.574 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.574	77.23 ug/L	1286260	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
2	Cyclopentane	70	C5H10	000287-92-3	72
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4	Cyclopentane	70	C5H10	000287-92-3	72
5	1-Pentene	70	C5H10	000109-67-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

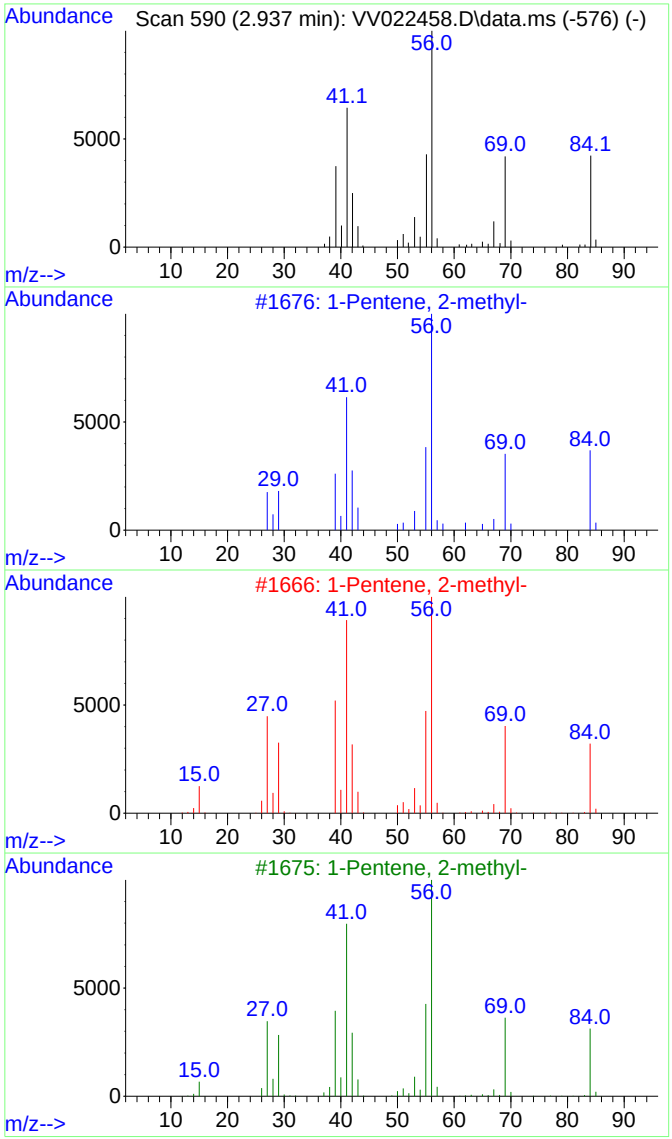
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

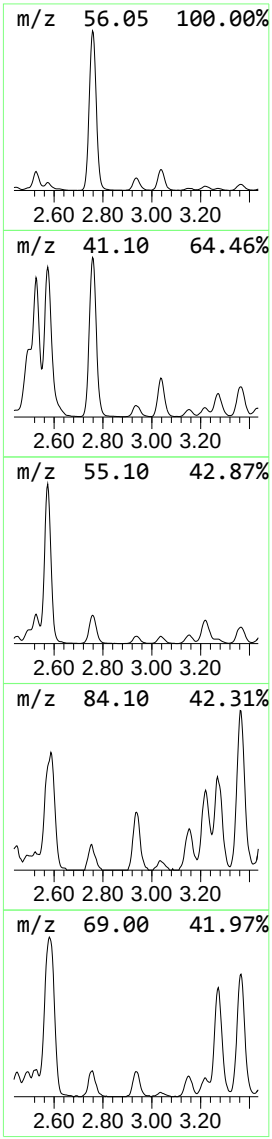
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.937	5.24 ug/L	87300	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
5	Cyclohexane	84	C6H12	000110-82-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

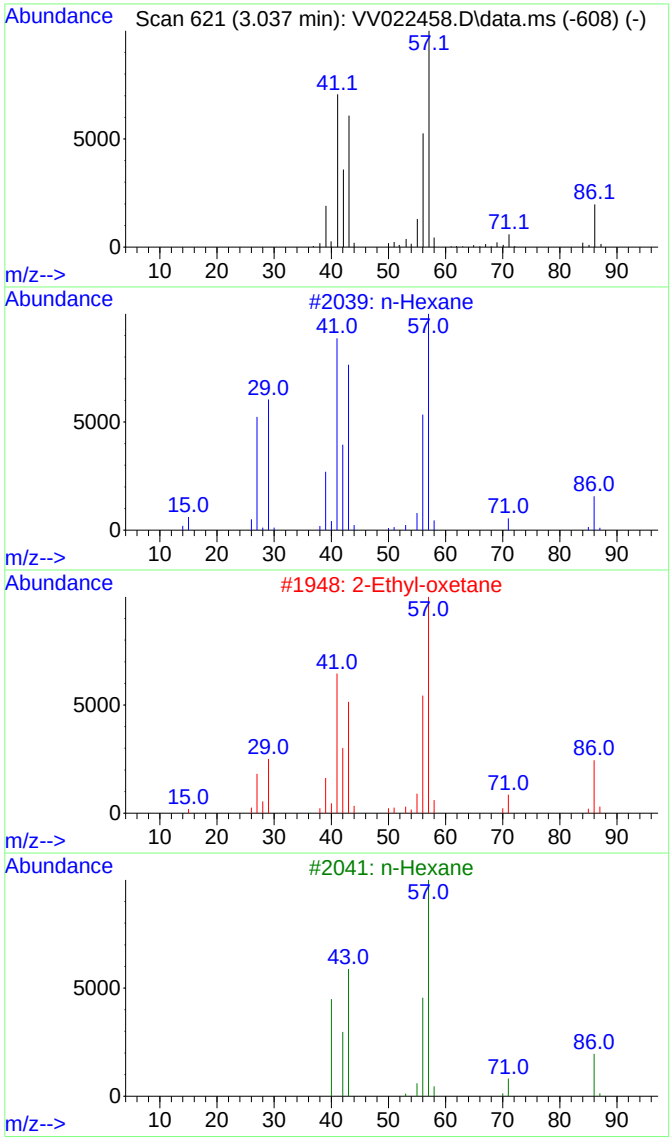
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

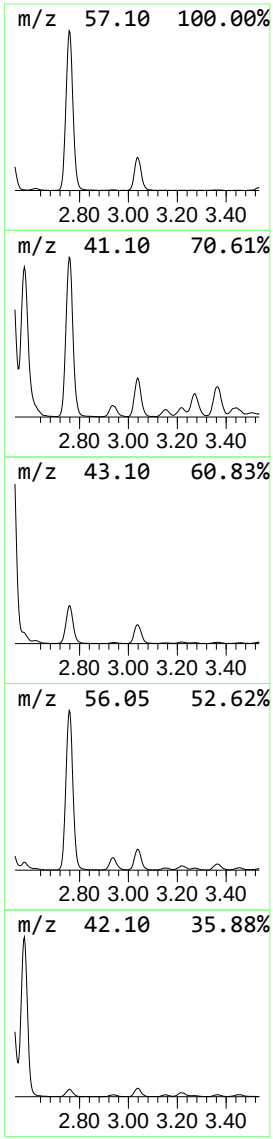
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	14.84 ug/L	247227	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	72
5	n-Hexane	86	C6H14	000110-54-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

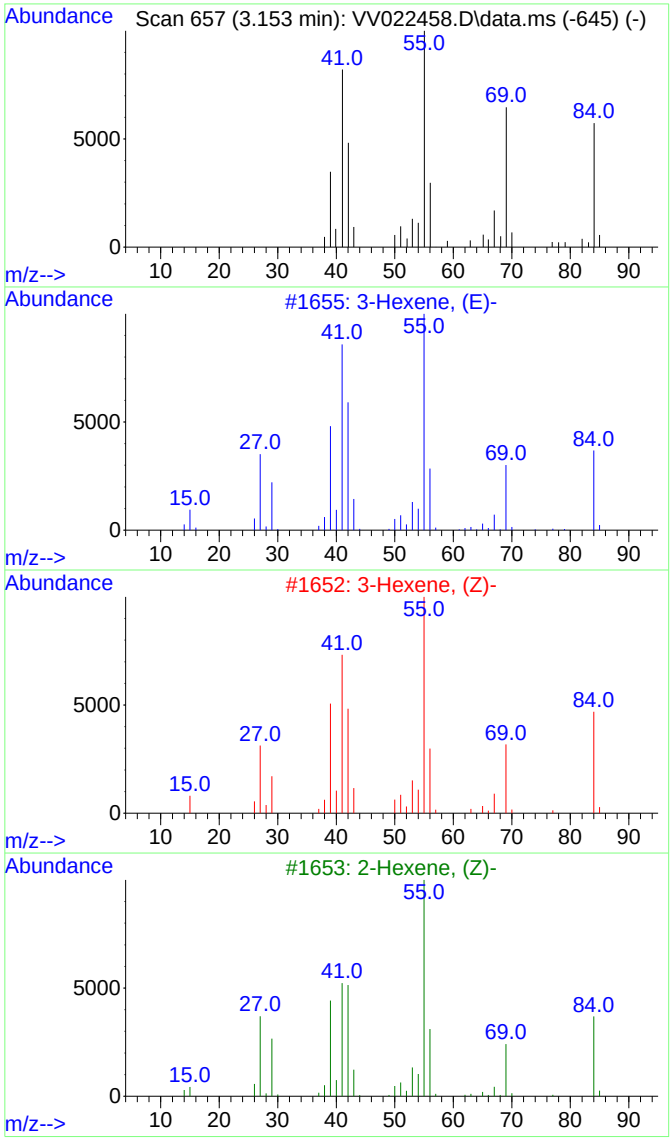
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

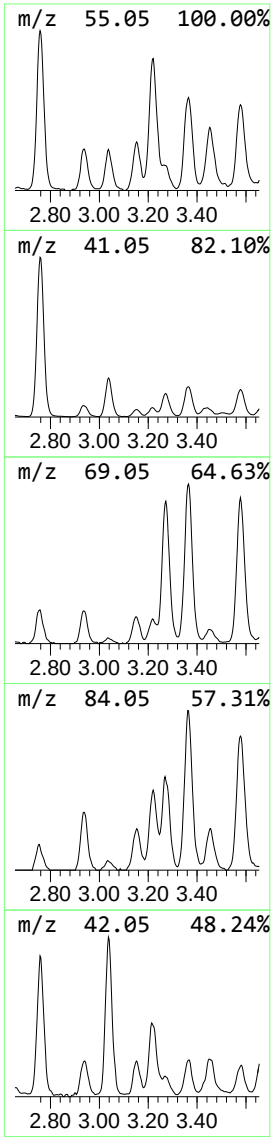
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.153	3.31 ug/L	55165	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (E)-	84	C6H12	013269-52-8	91
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	90
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	87
4	2-Hexene	84	C6H12	000592-43-8	87
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

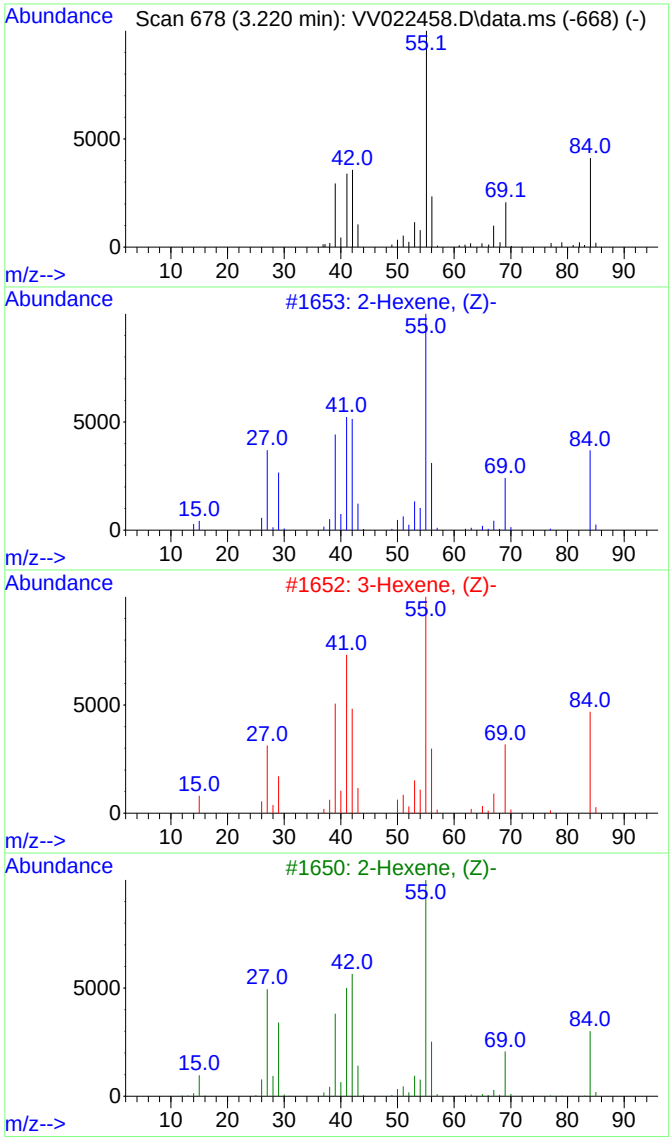
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

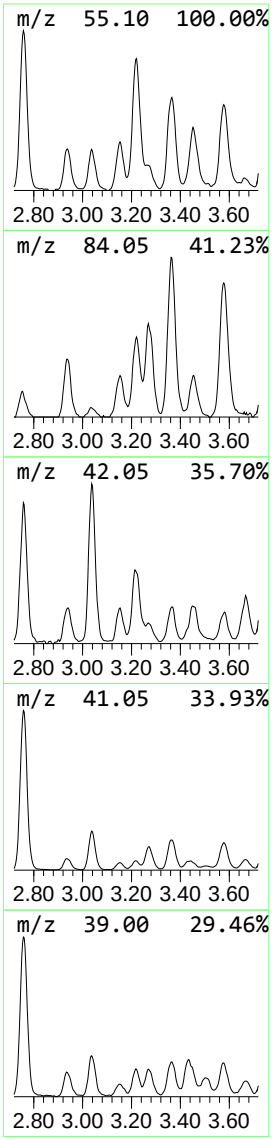
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.220	5.10 ug/L	85022	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-	84	C6H12	007688-21-3	90
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	83
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	80
4	2-Hexene, (E)-	84	C6H12	004050-45-7	72
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

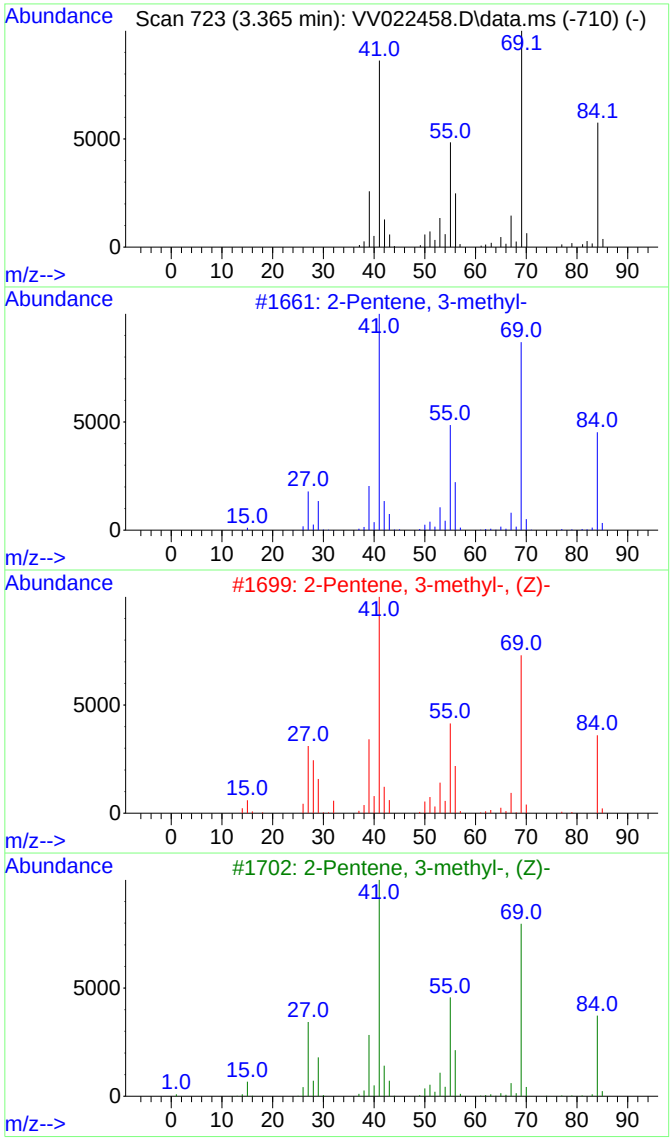
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

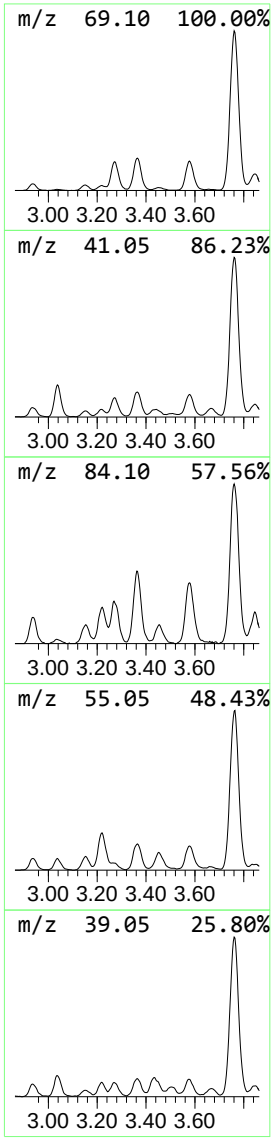
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.365	11.50 ug/L	191576	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	95
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

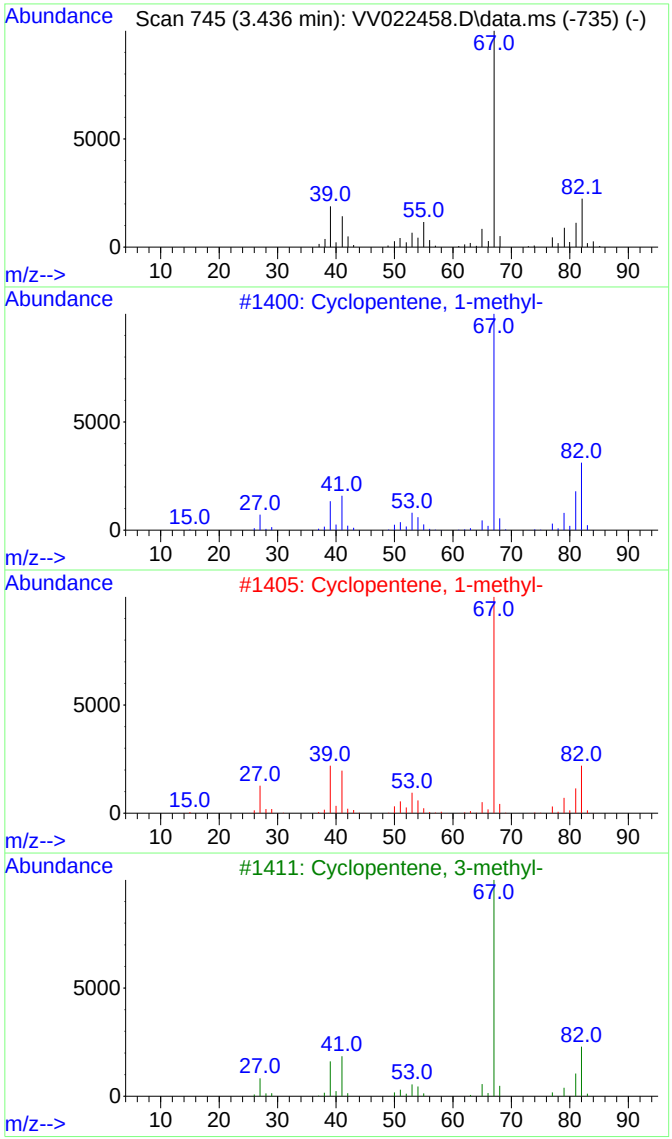
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

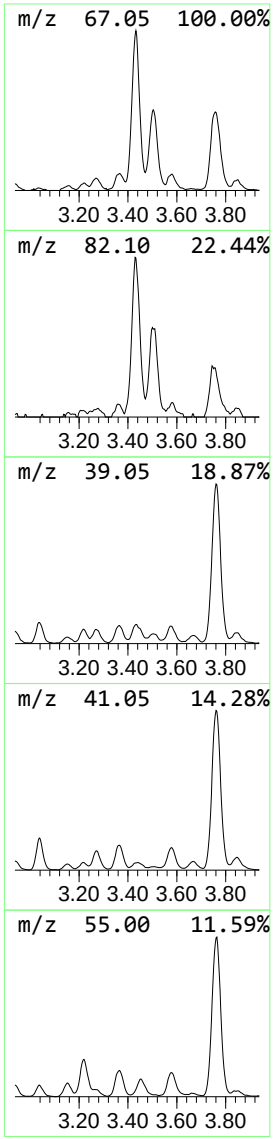
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopentene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.436	8.64 ug/L	143841	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

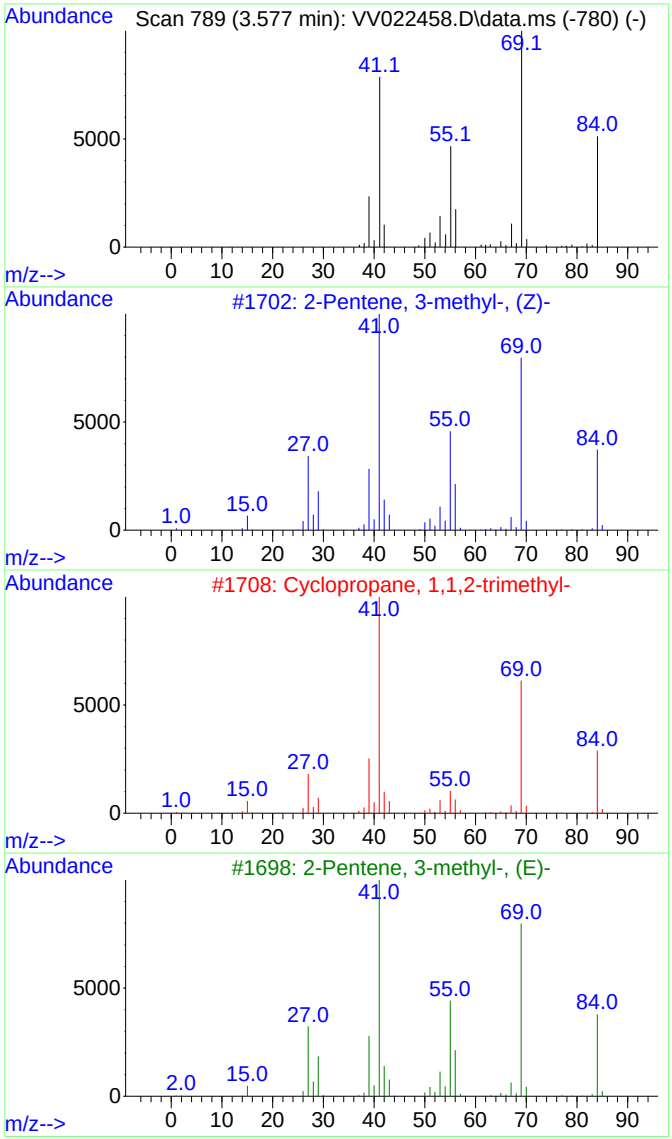
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

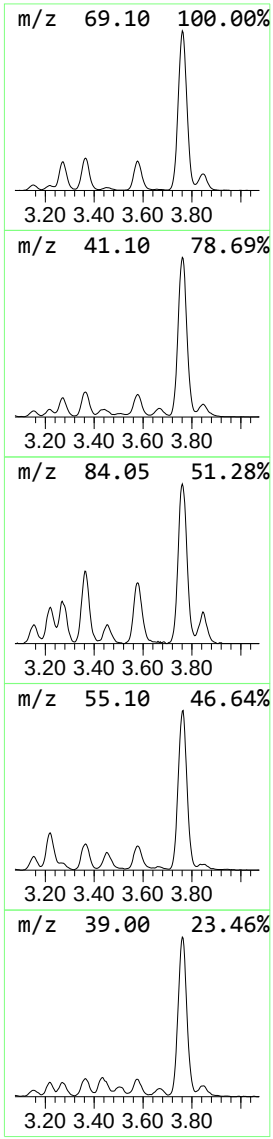
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.577	9.53 ug/L	158761	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	87
2	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	86
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	78
5	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

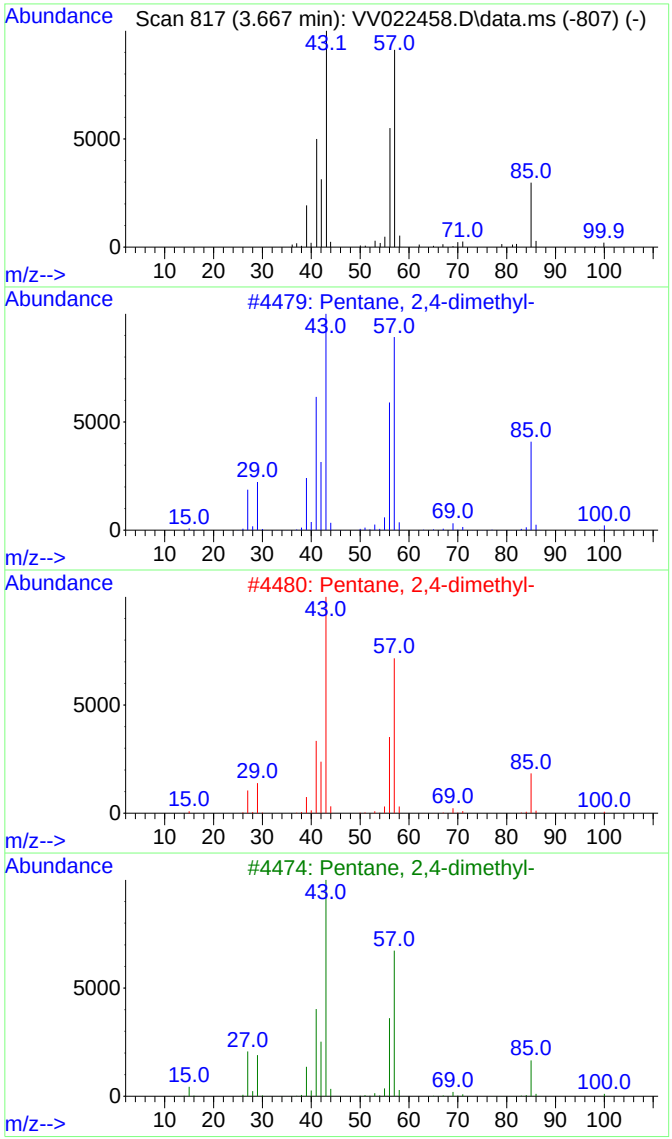
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

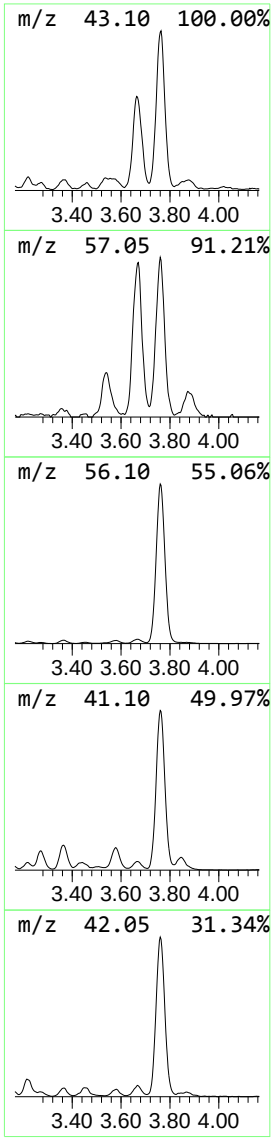
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.667	5.33 ug/L	88757	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	56
5	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

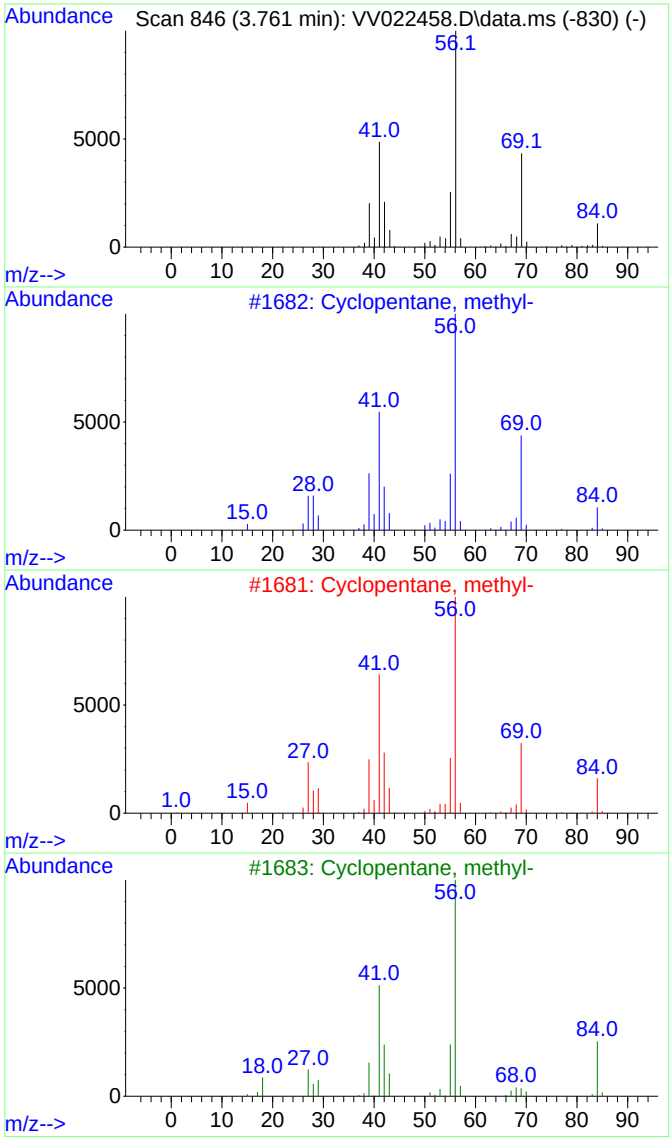
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

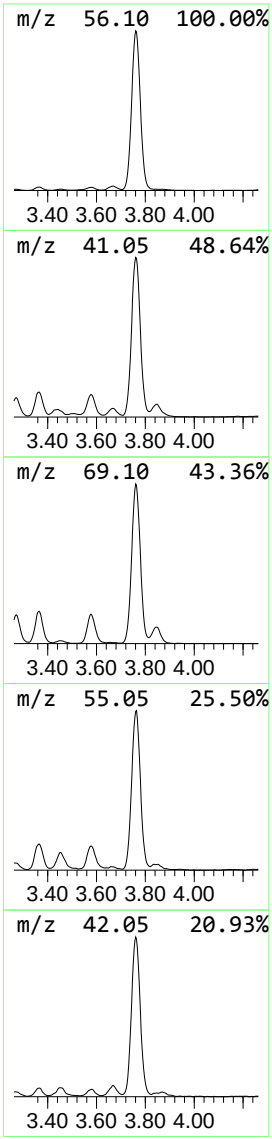
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic3.761 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.761	107.83 ug/L	1796040	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

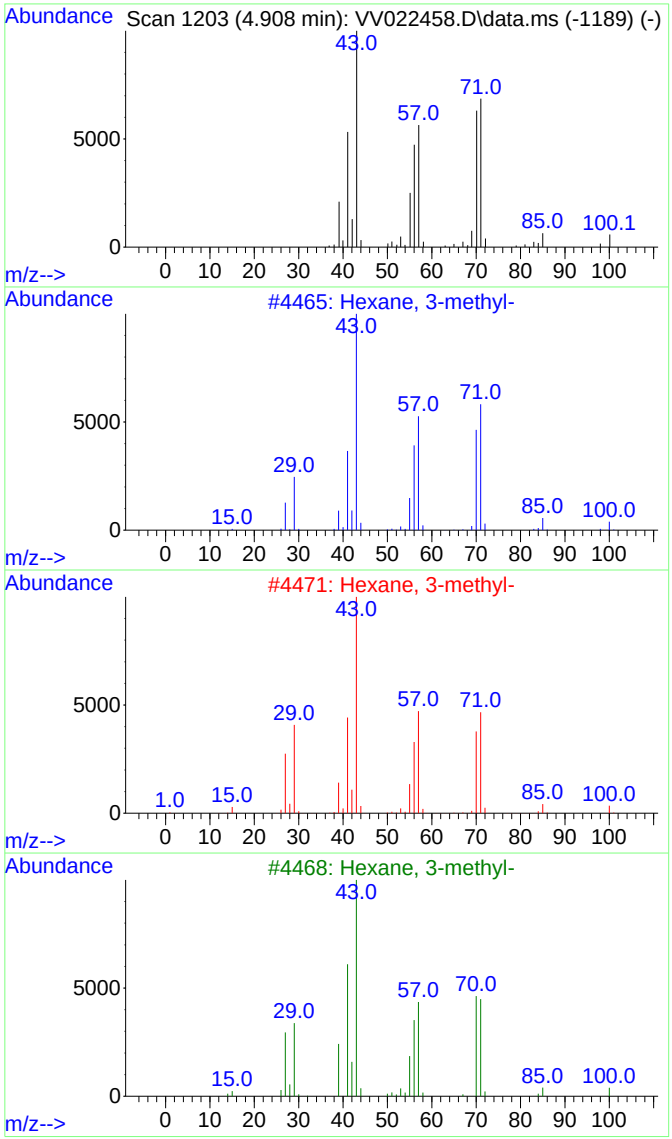
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

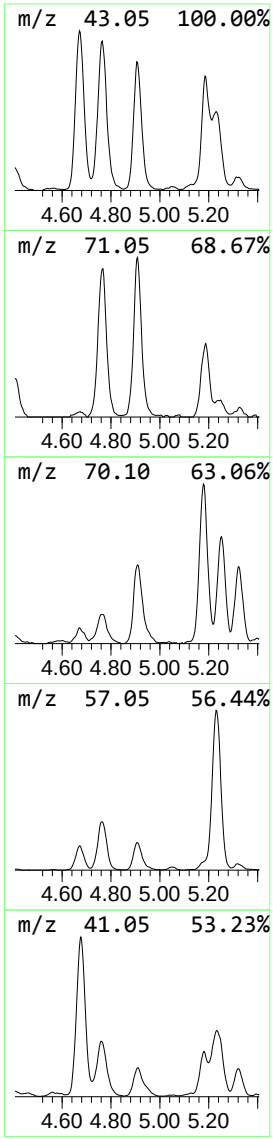
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.908	15.39 ug/L	256289	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	74
4	Heptane	100	C7H16	000142-82-5	58
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

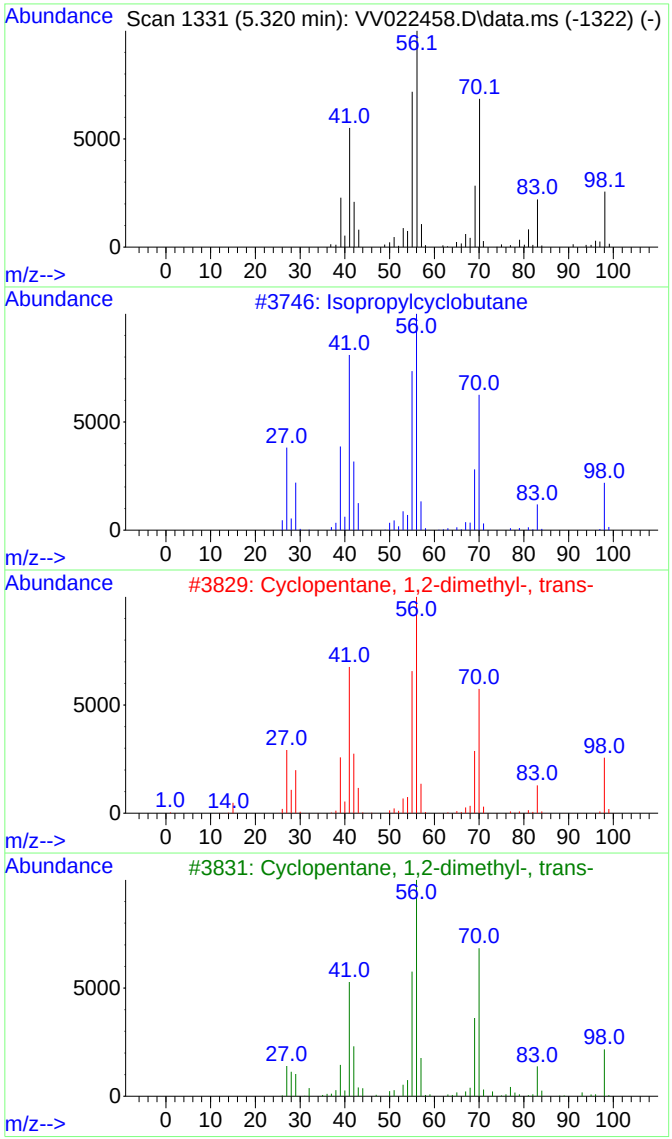
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

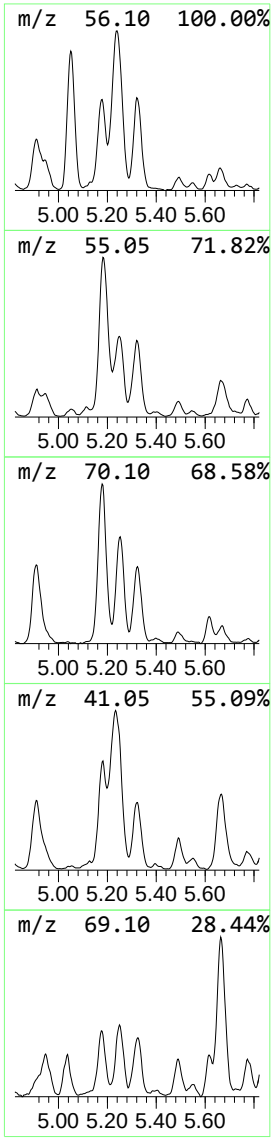
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic5.320 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.320	11.30 ug/L	188254	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	90
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	80
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	64
5	1-Heptene	98	C7H14	000592-76-7	64





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Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

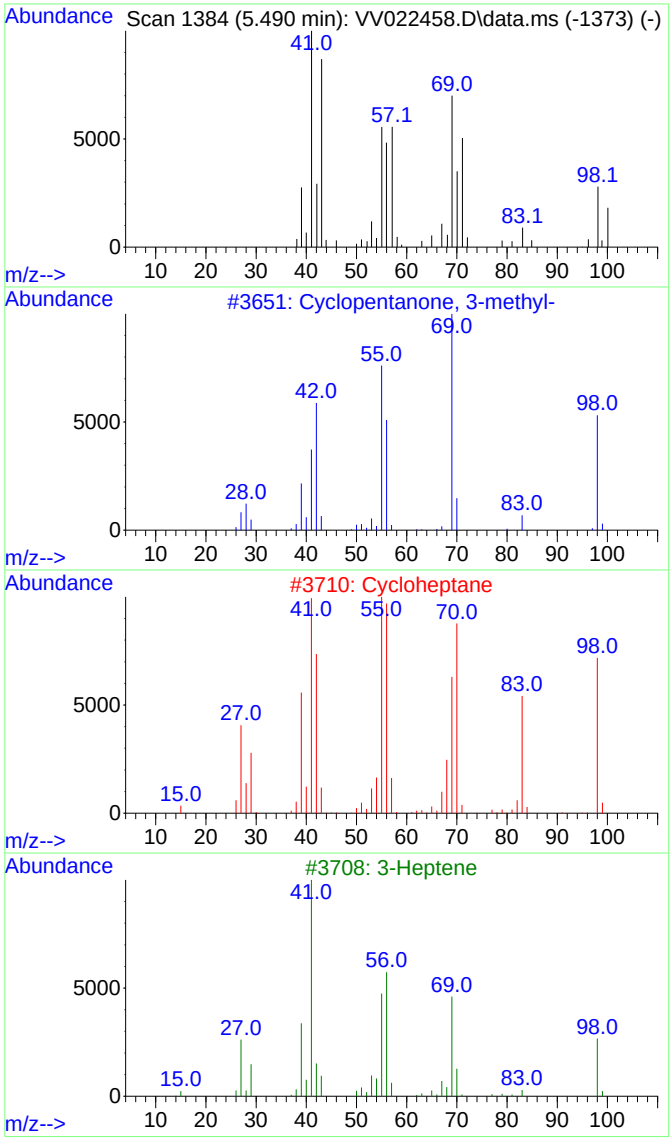
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

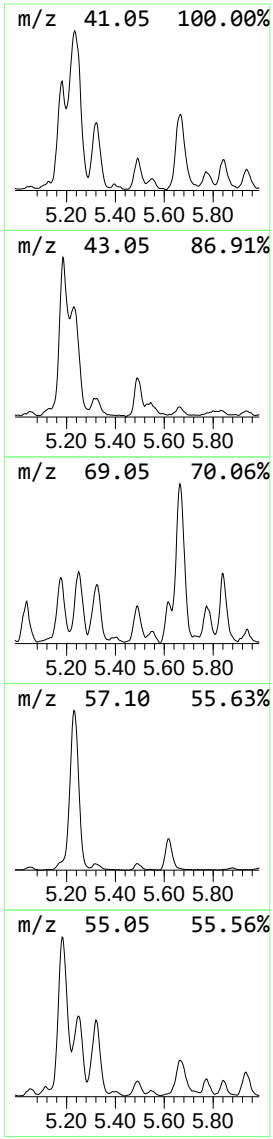
****

Peak Number 20 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.490	3.56 ug/L	59278	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	47
2	Cycloheptane	98	C7H14	000291-64-5	46
3	3-Heptene	98	C7H14	000592-78-9	43
4	3-Heptene, (E)-	98	C7H14	014686-14-7	43
5	2-Heptene	98	C7H14	000592-77-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

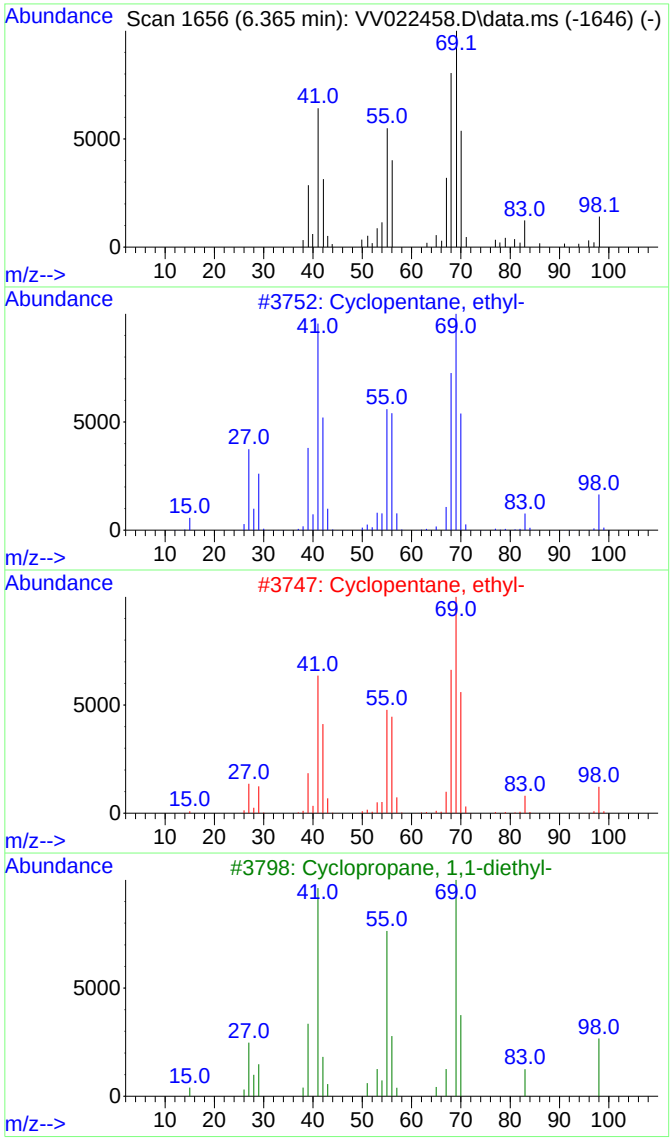
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

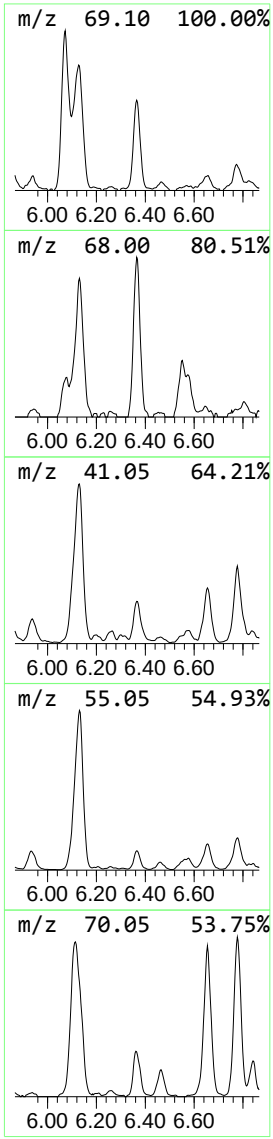
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic6.365 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.365	5.40 ug/L	89977	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	91
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	90
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	46
4	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

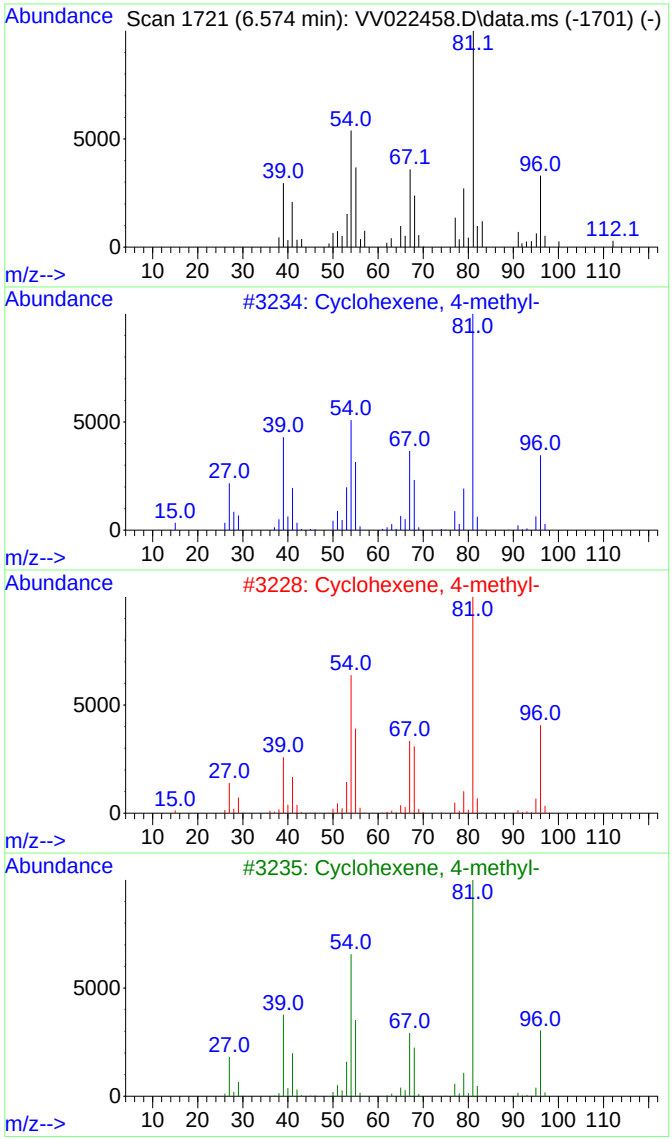
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

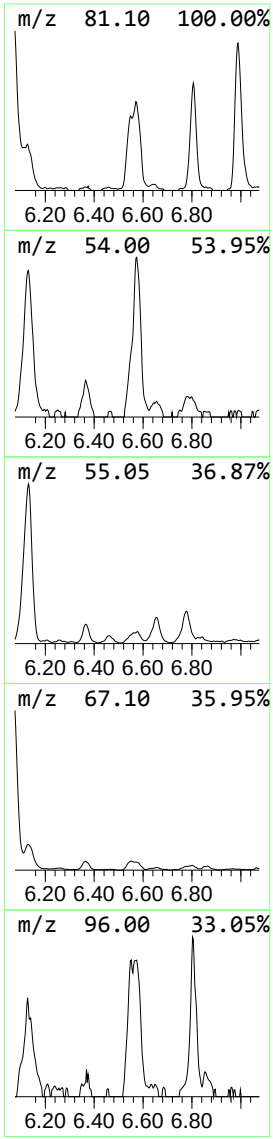
****

Peak Number 22 Cyclohexene, 4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.574	6.67 ug/L	111112	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	94
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
4	4-Methylcyclohexanol acetate	156	C9H16O2	022597-23-5	86
5	2-Heptyne	96	C7H12	001119-65-9	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

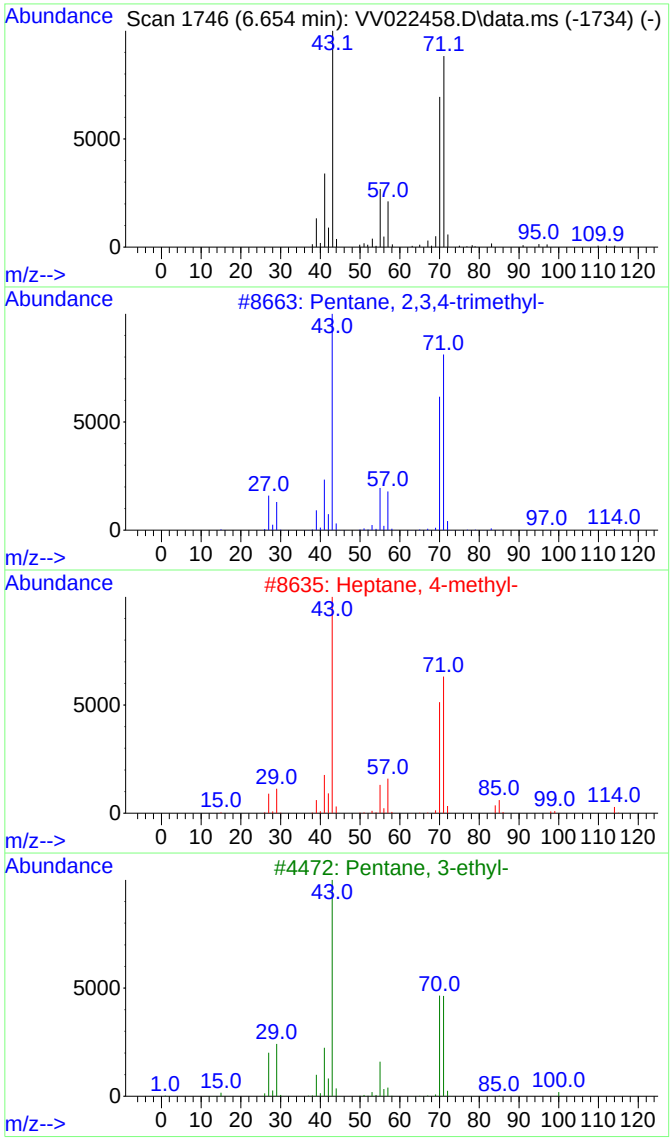
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

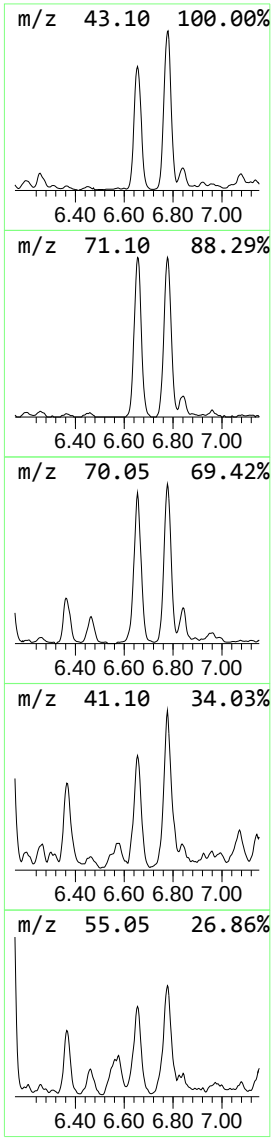
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.654	10.38 ug/L	172956	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

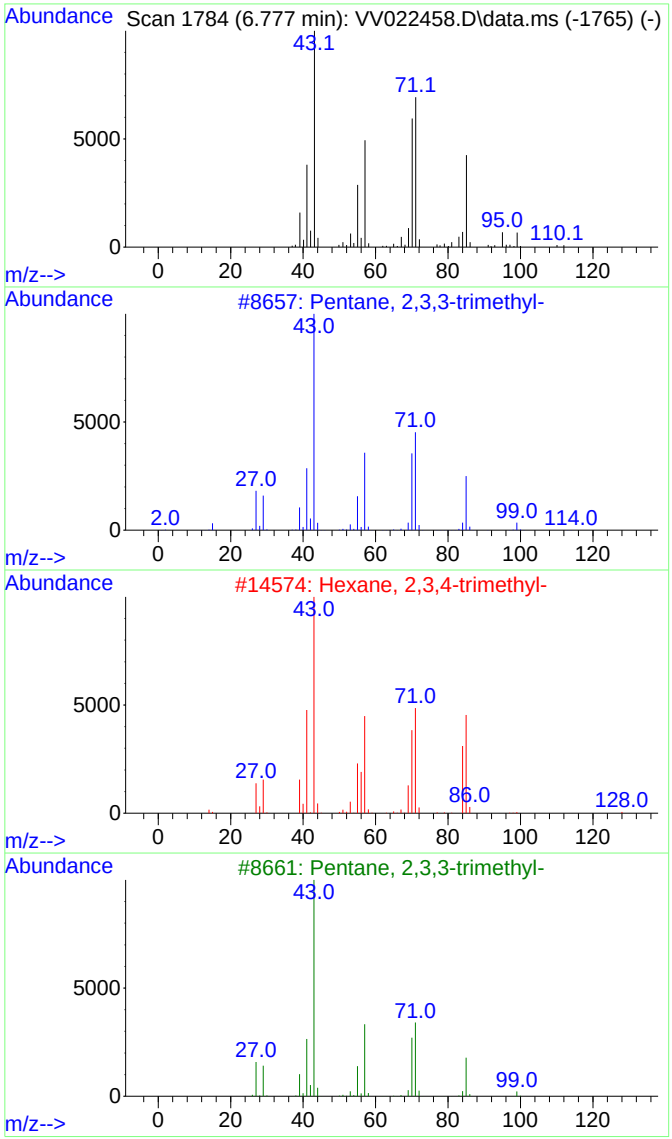
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

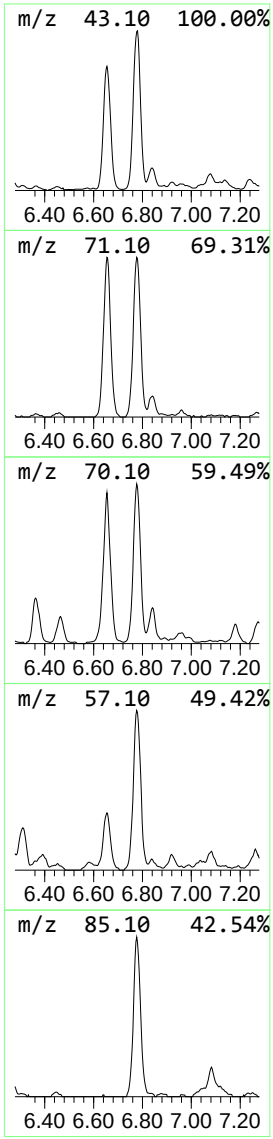
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.777	17.74 ug/L	295443	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

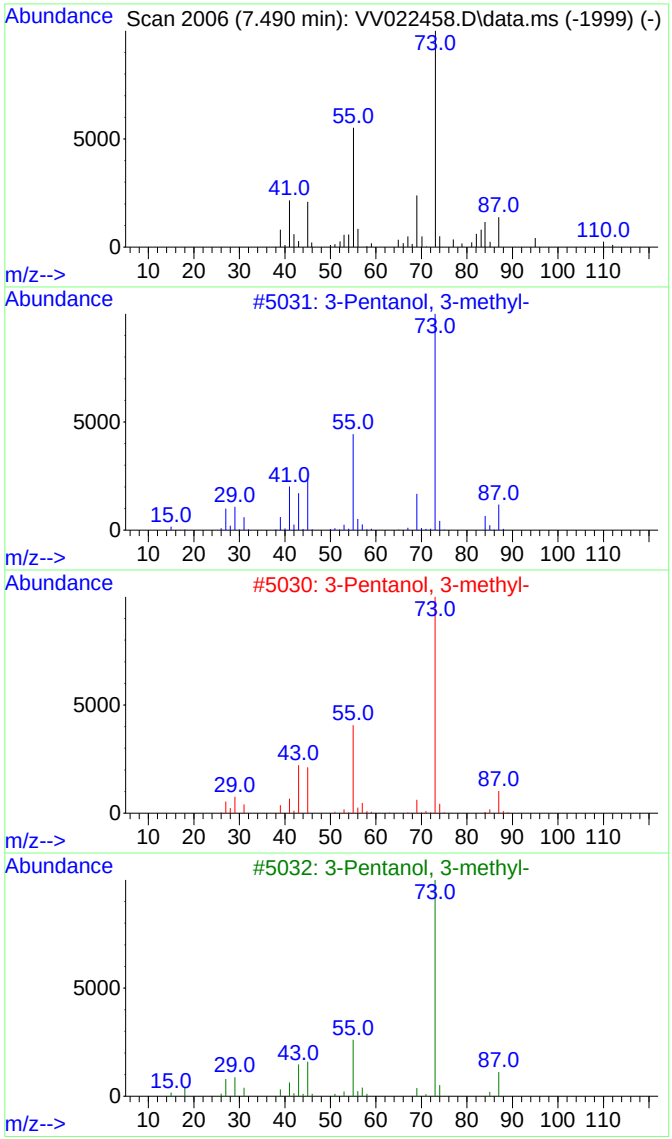
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

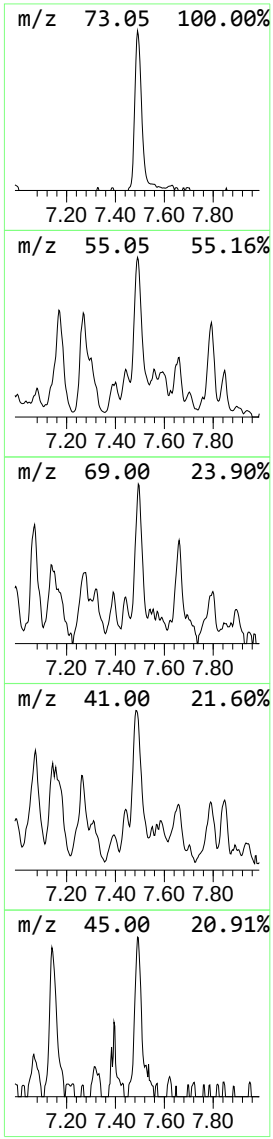
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 3-Pentanol, 3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.490	4.94 ug/L	66351	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	53
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	42
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	42
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	42
5	5-(1-Ethoxy-ethoxy)-4-methyl-hex...	200	C11H20O3	086845-53-6	40





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Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

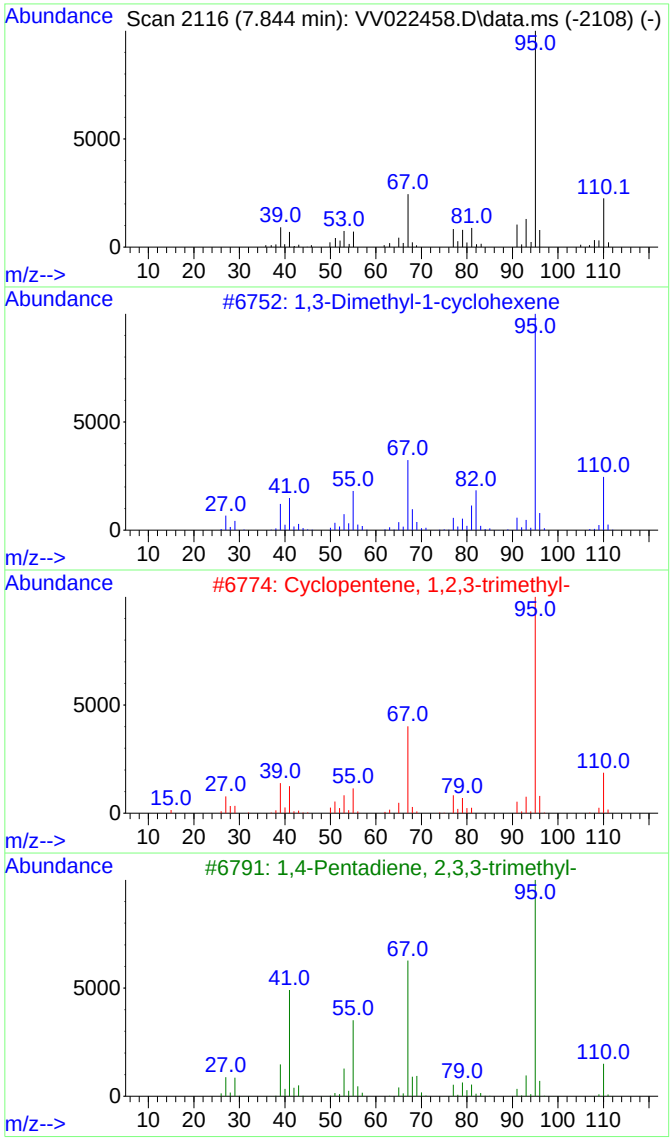
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

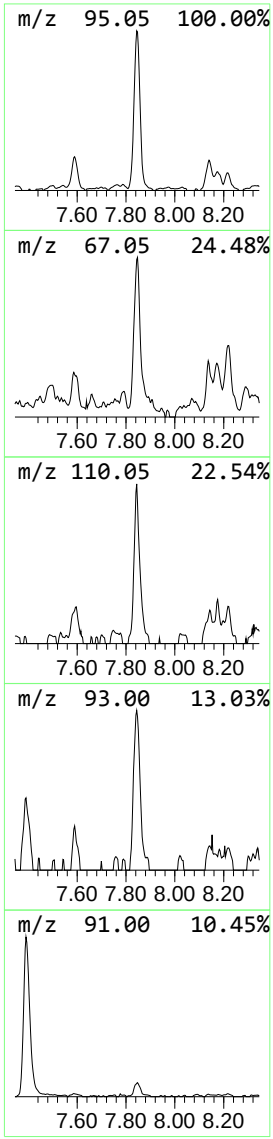
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1,3-Dimethyl-1-cyclohexene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.844	5.23 ug/L	70302	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	87
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	64
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	59





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Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

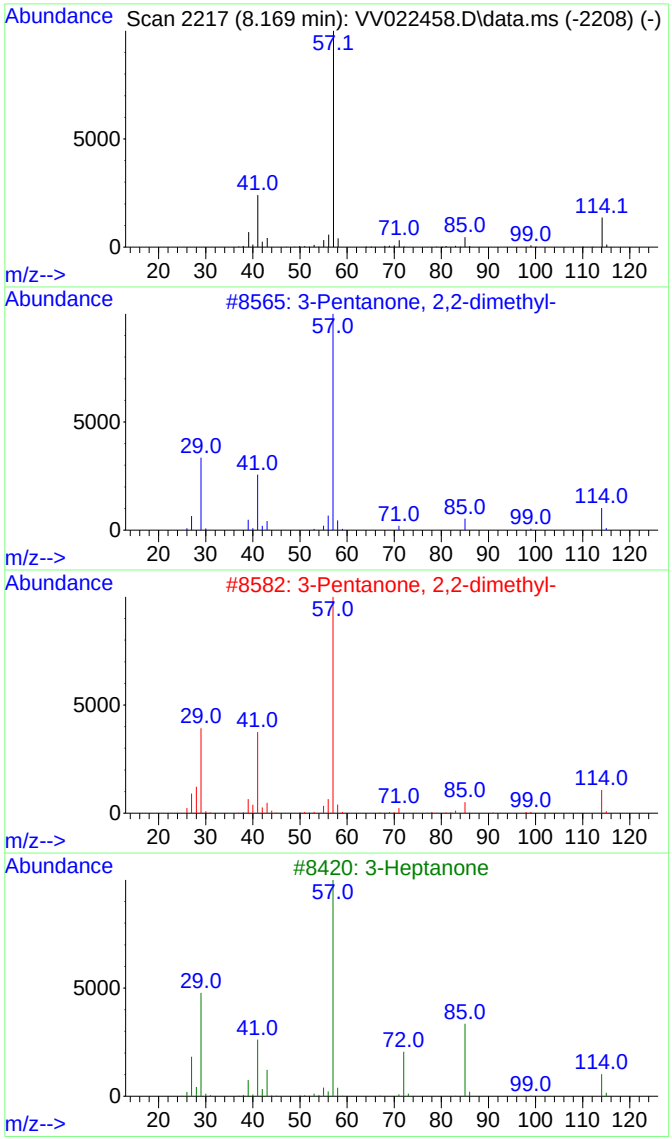
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

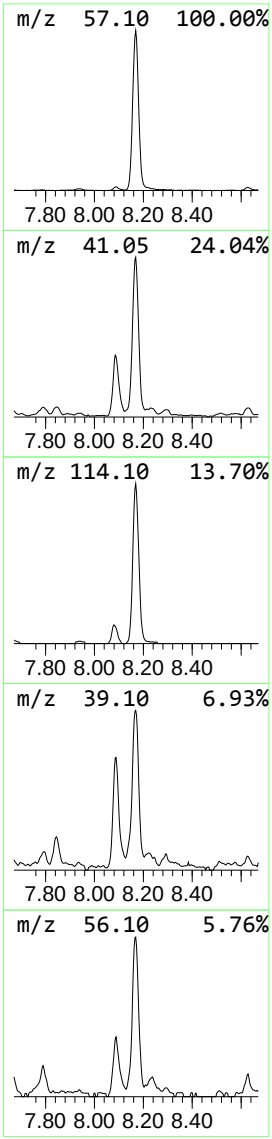
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 3-Pentanone, 2,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.169	20.34 ug/L	273359	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	83
2	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	72
3	3-Heptanone	114	C7H14O	000106-35-4	53
4	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	53
5	3,4-Hexanedione	114	C6H10O2	004437-51-8	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

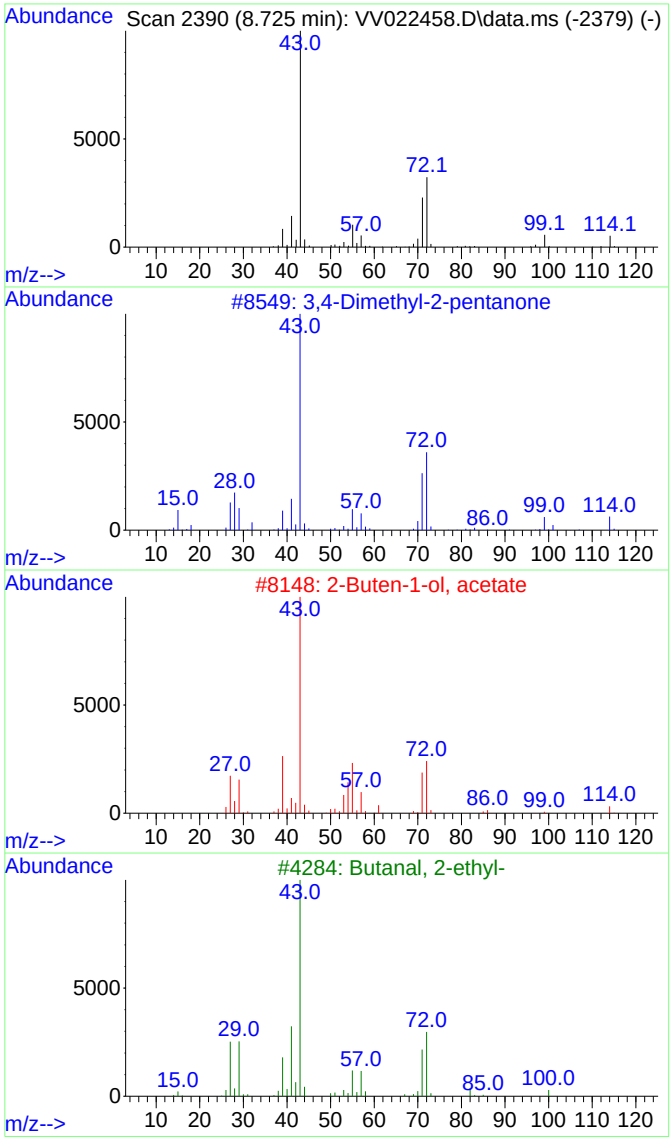
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

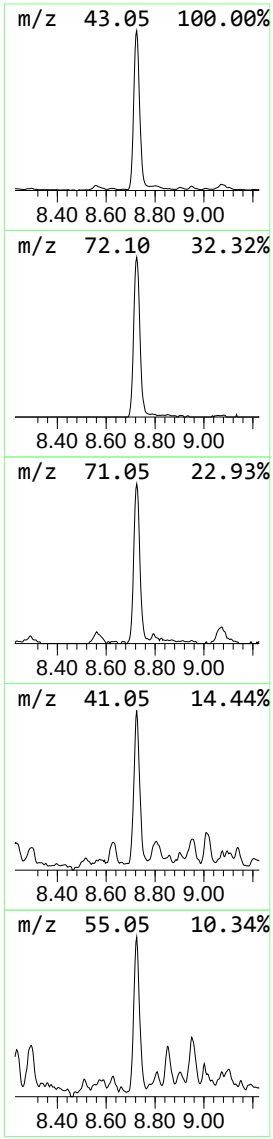
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 3,4-Dimethyl-2-pentanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.725	14.16 ug/L	190301	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	87
2	2-Buten-1-ol, acetate	114	C6H10O2	000628-08-0	64
3	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	50
4	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	45
5	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

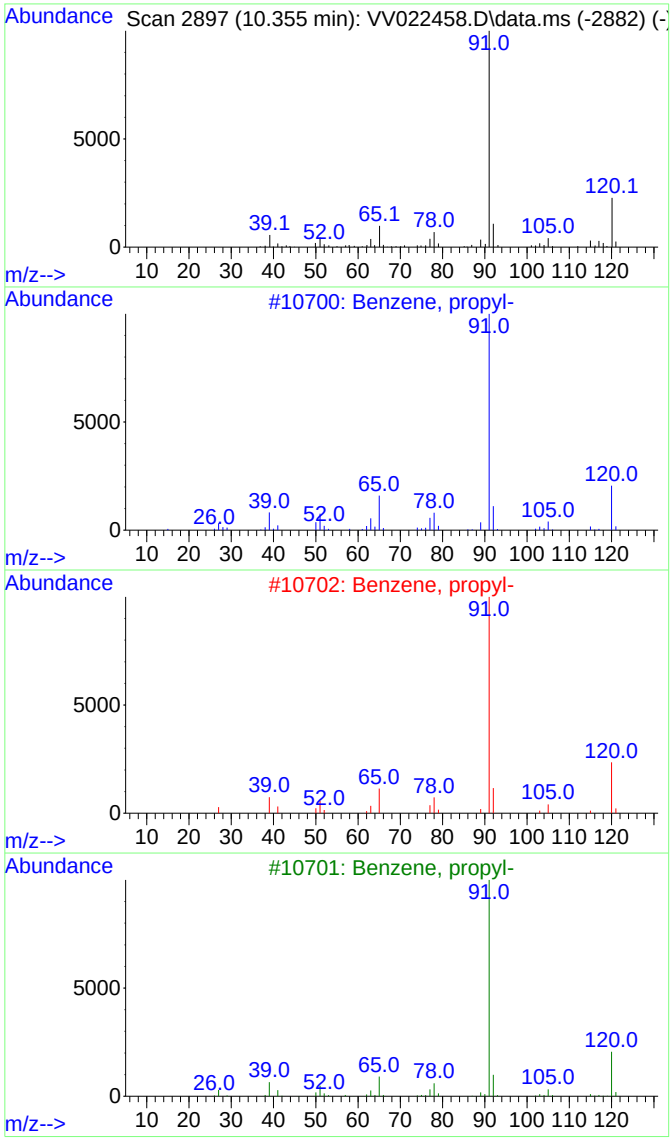
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

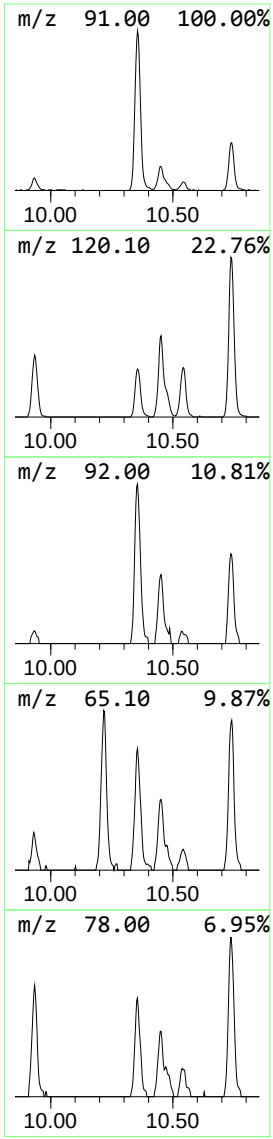
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.355	8.42 ug/L	119020	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

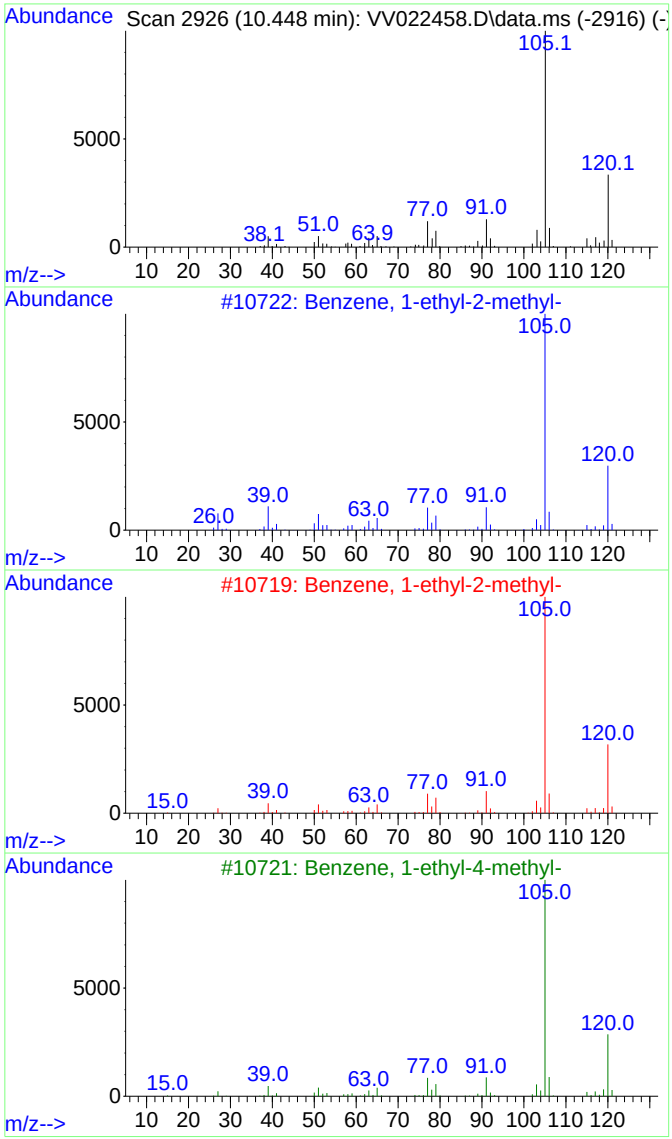
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

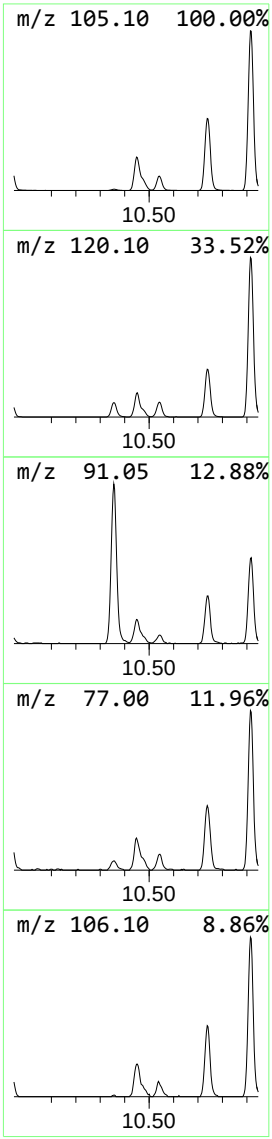
****

Peak Number 31 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	12.33 ug/L	174185	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

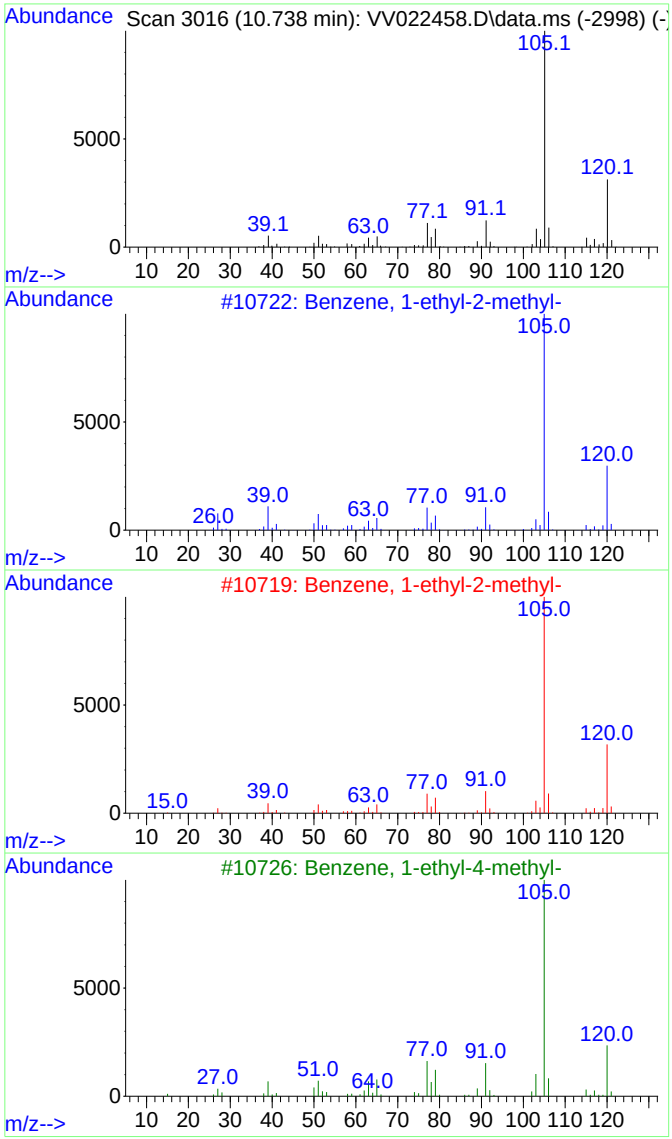
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

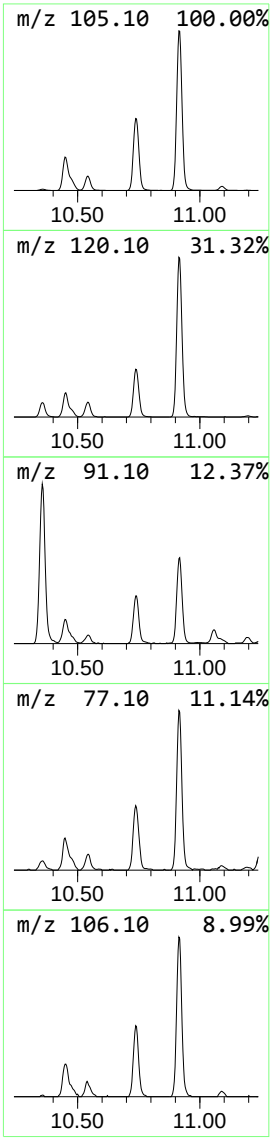
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	21.67 ug/L	306141	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

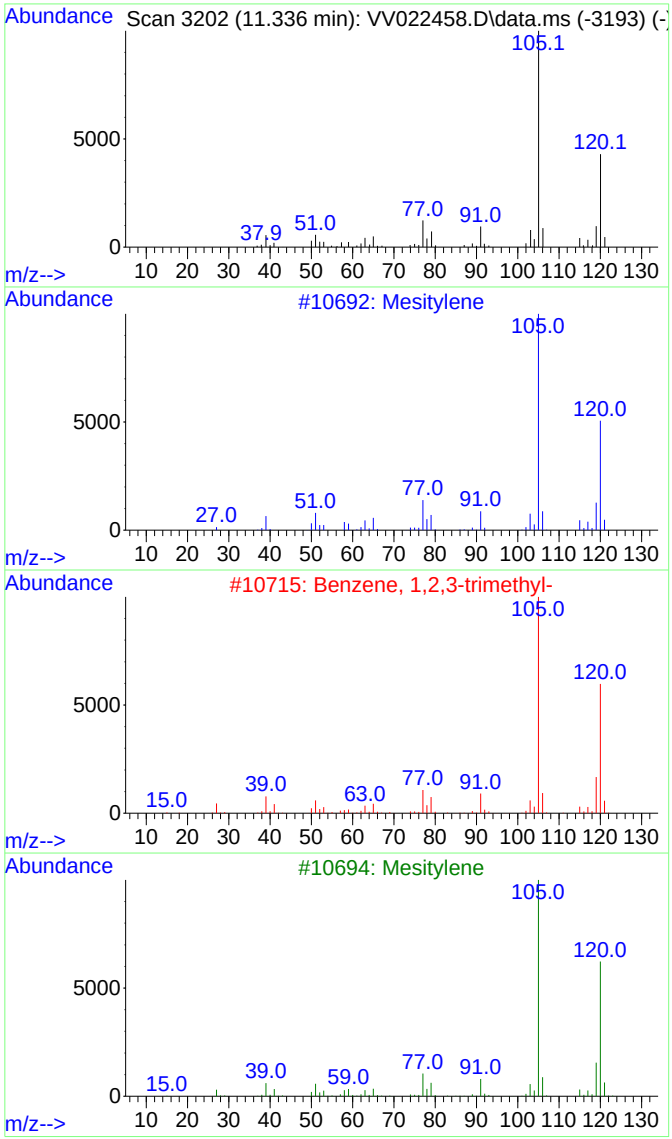
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

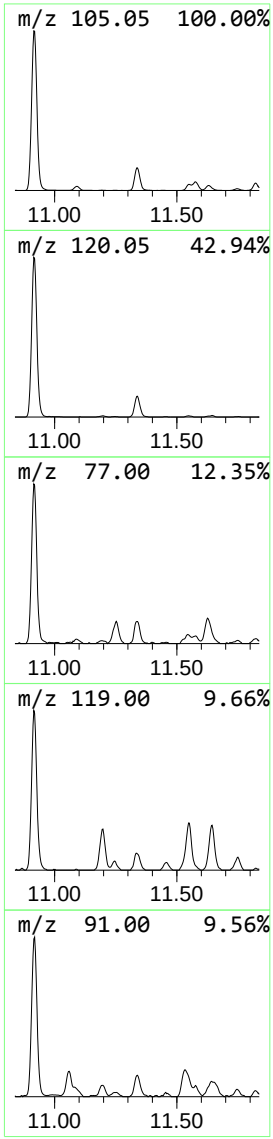
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,2,3-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.336	6.83 ug/L	96538	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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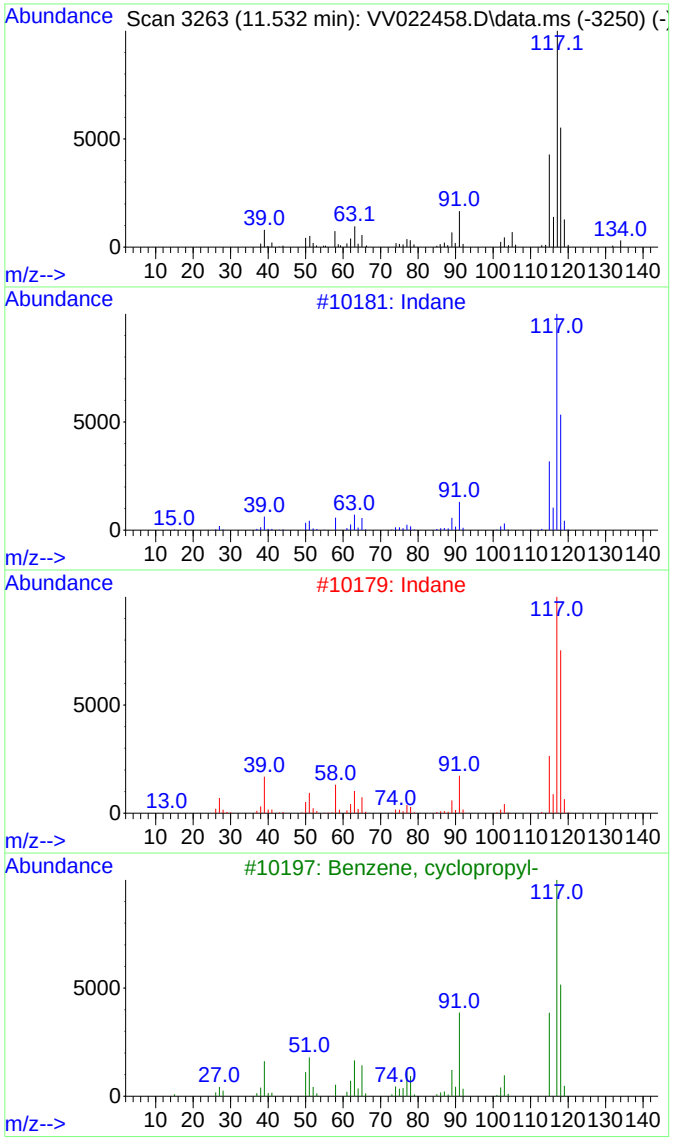
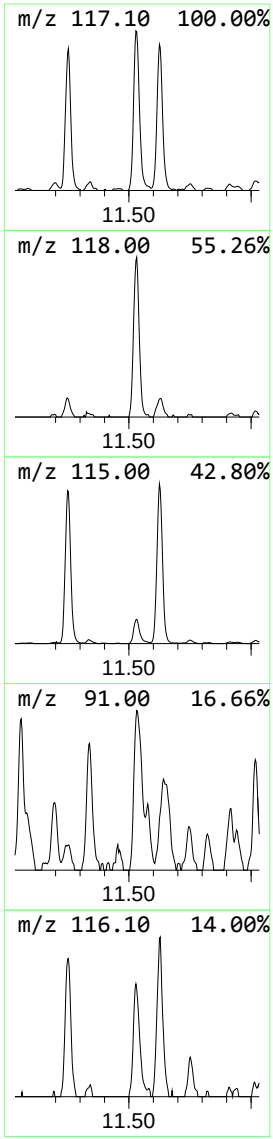
Peak Number 34 Indane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.532	9.03 ug/L	127636	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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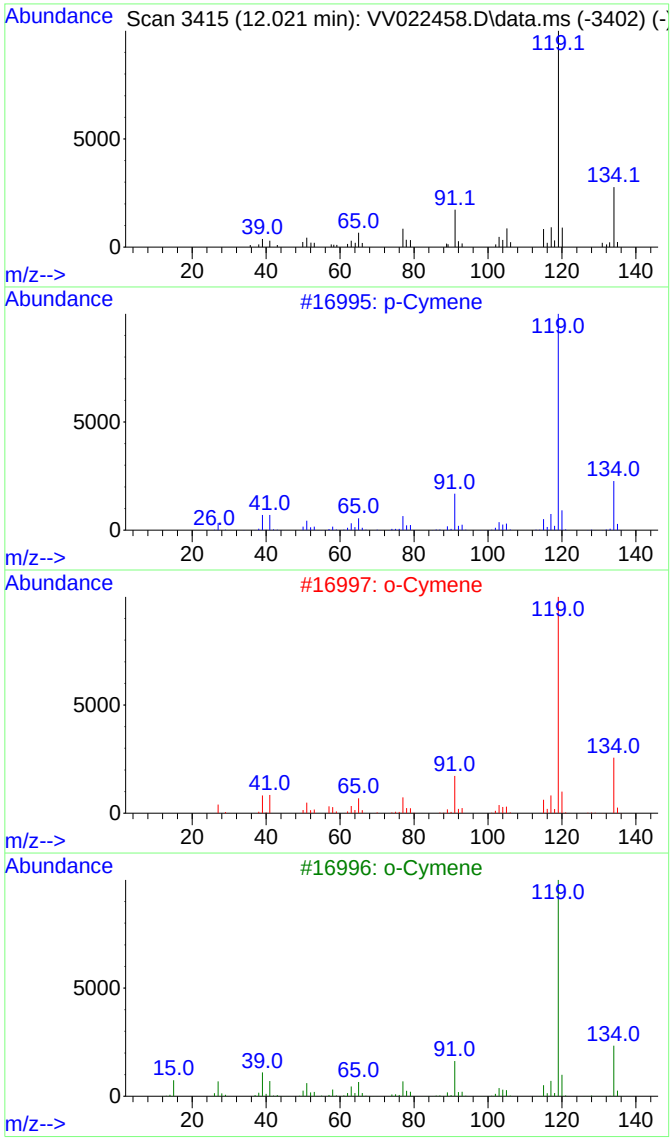
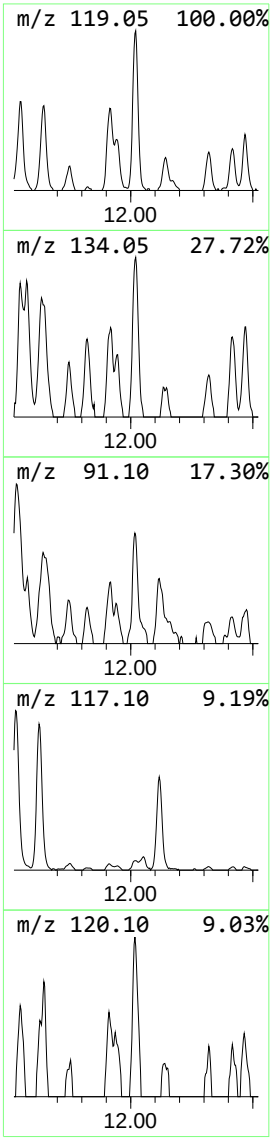
Peak Number 35 p-Cymene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	3.74 ug/L	52887	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

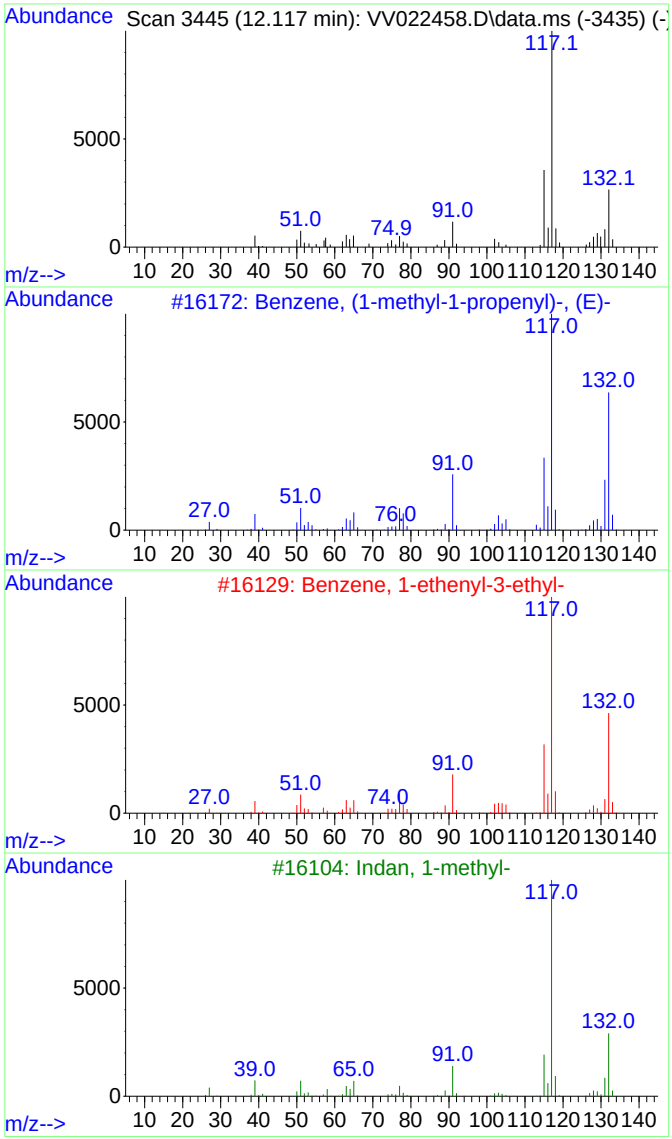
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

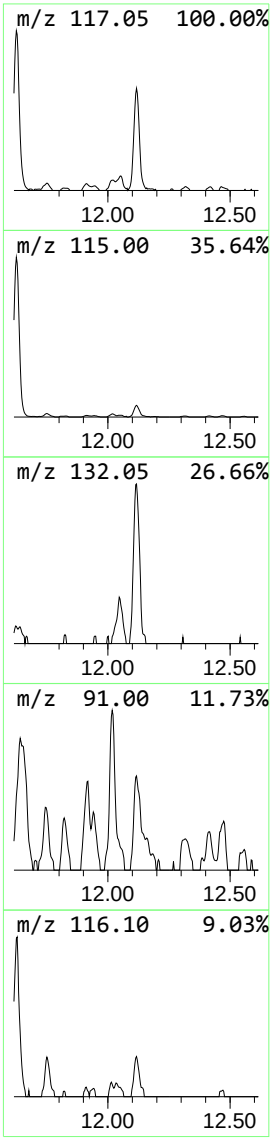
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, (1-methyl-1-propen... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.117	4.18 ug/L	59071	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022458.D
Acq On : 01 Oct 2021 02:06
Operator : SY/MD
Sample : M3996-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A28

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.214	13.9	ug/L	231570	1	5.616	832791	50.0
(DEL) Alkane: S...	1.626	180.2	ug/L	3001920	1	5.616	832791	50.0
(DEL) Alkane: S...	1.802	52.1	ug/L	868292	1	5.616	832791	50.0
(DEL) Alkane: S...	1.896	18.0	ug/L	300247	1	5.616	832791	50.0
(DEL) Alkane: S...	1.979	9.1	ug/L	151126	1	5.616	832791	50.0
(DEL) Alkane: C...	2.021	44.5	ug/L	740609	1	5.616	832791	50.0
(DEL) Alkane: S...	2.494	43.2	ug/L	719838	1	5.616	832791	50.0
(DEL) Alkane: C...	2.574	77.2	ug/L	1286260	1	5.616	832791	50.0
(DEL) Alkane: S...	2.937	5.2	ug/L	87300	1	5.616	832791	50.0
(DEL) Alkane: S...	3.037	14.8	ug/L	247227	1	5.616	832791	50.0
(DEL) Alkane: S...	3.153	3.3	ug/L	55165	1	5.616	832791	50.0
(DEL) Alkane: S...	3.220	5.1	ug/L	85022	1	5.616	832791	50.0
(DEL) Alkane: S...	3.365	11.5	ug/L	191576	1	5.616	832791	50.0
Cyclopentene, 1...	3.436	8.6	ug/L	143841	1	5.616	832791	50.0
(DEL) Alkane: S...	3.577	9.5	ug/L	158761	1	5.616	832791	50.0
(DEL) Alkane: S...	3.667	5.3	ug/L	88757	1	5.616	832791	50.0
(DEL) Alkane: C...	3.761	107.8	ug/L	1796040	1	5.616	832791	50.0
(DEL) Alkane: S...	4.908	15.4	ug/L	256289	1	5.616	832791	50.0
(DEL) Alkane: C...	5.320	11.3	ug/L	188254	1	5.616	832791	50.0
unknown-01	5.490	3.6	ug/L	59278	1	5.616	832791	50.0
(DEL) Alkane: C...	6.365	5.4	ug/L	89977	1	5.616	832791	50.0
Cyclohexene, 4-...	6.574	6.7	ug/L	111112	1	5.616	832791	50.0
(DEL) Alkane: S...	6.654	10.4	ug/L	172956	1	5.616	832791	50.0
(DEL) Alkane: S...	6.777	17.7	ug/L	295443	1	5.616	832791	50.0
3-Pentanol, 3-m...	7.490	4.9	ug/L	66351	2	8.854	671845	50.0
1,3-Dimethyl-1-...	7.844	5.2	ug/L	70302	2	8.854	671845	50.0
3-Pentanone, 2,...	8.169	20.3	ug/L	273359	2	8.854	671845	50.0
3,4-Dimethyl-2-...	8.725	14.2	ug/L	190301	2	8.854	671845	50.0
Benzene, propyl-	10.355	8.4	ug/L	119020	3	11.249	706393	50.0
Benzene, 1-ethy...	10.448	12.3	ug/L	174185	3	11.249	706393	50.0
Benzene, 1-ethy...	10.738	21.7	ug/L	306141	3	11.249	706393	50.0
Benzene, 1,2,3-...	11.336	6.8	ug/L	96538	3	11.249	706393	50.0
Indane	11.532	9.0	ug/L	127636	3	11.249	706393	50.0
p-Cymene	12.021	3.7	ug/L	52887	3	11.249	706393	50.0
Benzene, (1-met...	12.117	4.2	ug/L	59071	3	11.249	706393	50.0