LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
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: VV021333.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	68	rVB2	213621	197687	0.42%	0.231%
2	1.307	74	83	92	rBV	1015426	998237	2.11%	1.165%
3	1.349	92	96	103	rVB	42215	44753	0.09%	0.052%
4	1.568	158	164	175	rVB	158223	174513	0.37%	0.204%
5	1.635	175	185	202	rBV	3073426	3786989	8.02%	4.418%
6	1.809	232	239	246	rBV4	25628	33623	0.07%	0.039%
7	1.931	275	277	279	rBV3	3624	2154	0.00%	0.003%
8	2.130	321	339	352	rBV2	564479	1445588	3.06%	1.687%
9	2.294	384	390	392	rBV6	2371	3197	0.01%	0.004%
10	2.500	435	454	471	rBV	952191	2252596	4.77%	2.628%
11	2.577	472	478	492	rVB	259125	445783	0.94%	0.520%
12	2.674	493	508	510	rBV4	57292	91798	0.19%	0.107%
13	2.767	522	537	578	rVB2	22339832	47240631	100.00%	55.116%
14	3.153	642	657	667	rBV4	20849	44477	0.09%	0.052%
15	3.275	685	695	710	rVV4	44254	91298	0.19%	0.107%
16	3.375	713	726	740	rVB9	20623	49696	0.11%	0.058%
17	3.545	759	779	800	rBV5	92542	305388	0.65%	0.356%
18	3.671	804	818	835	rVB2	400365	1025555	2.17%	1.197%
19	3.857	866	876	877	rBV4	26219	35541	0.08%	0.041%
20	3.905	881	891	916	rVB5	125455	405190	0.86%	0.473%
21	4.217	981	988	990	rBV8	4460	4509	0.01%	0.005%
22	4.352	1015	1030	1041	rBV2	289609	710541	1.50%	0.829%
23	4.590	1095	1104	1105	rBV4	16104	15619	0.03%	0.018%
24	4.677	1118	1131	1143	rBV4	76460	190122	0.40%	0.222%
25	4.767	1143	1159	1187	rVB2	1215350	3056907	6.47%	3.567%
26	4.950	1192	1216	1231	rBV5	138736	442107	0.94%	0.516%
27	5.050	1232	1247	1263	rBV3	608028	1576128	3.34%	1.839%
28	5.182	1276	1288	1294	rBV4	389810	833935	1.77%	0.973%
29	5.236	1297	1305	1317	rVV	795815	1874558	3.97%	2.187%
30	5.487	1376	1383	1384	rBV6	10560	10480	0.02%	0.012%
31	5.619	1412	1424	1459	rBV	603287	1500352	3.18%	1.750%
32	5.921	1505	1518	1538	rBV7	283690	697558	1.48%	0.814%
33	6.076	1553	1566	1574	rBV3	339071	719909	1.52%	0.840%
34	6.204	1594	1606	1614	rBV3	168068	328152	0.69%	0.383%
35	6.262	1615	1624	1634	rVB2	216786	393353	0.83%	0.459%
36	6.371	1651	1658	1669	rVB2	15570	27403	0.06%	0.032%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
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	1673	1687	1701	rVB6	132222	312699	0.66%	0.365%
38	6.542	1703	1711	1712	rBV4	23220	25679	0.05%	0.030%
39	6.658	1731	1747	1767	rVB2	624403	1370014	2.90%	1.598%
40	6.780	1768	1785	1798	rBV2	564917	1208871	2.56%	1.410%
41	6.992	1833	1851	1860	rBV2	238872	533520	1.13%	0.622%
42	7.268	1922	1937	1944	rBV4	244753	505497	1.07%	0.590%
43	7.320	1945	1953	1968	rVB	793254	1405306	2.97%	1.640%
44	7.442	1985	1991	1999	rBV4	63433	98515	0.21%	0.115%
45	7.490	2000	2006	2025	rVB8	48554	112863	0.24%	0.132%
46	7.629	2043	2049	2056	rBV3	111740	155802	0.33%	0.182%
47	7.793	2094	2100	2108	rVB4	110088	170640	0.36%	0.199%
48	7.847	2109	2117	2140	rVB2	227023	465749	0.99%	0.543%
49	8.092	2184	2193	2204	rBV2	403578	721940	1.53%	0.842%
50	8.519	2315	2326	2340	rVB7	80023	164301	0.35%	0.192%
51	8.857	2422	2431	2443	rBV	922031	1457222	3.08%	1.700%
52	9.686	2682	2689	2690	rBV6	26205	25914	0.05%	0.030%
53	10.220	2846	2855	2872	rVB	506017	823531	1.74%	0.961%
54	10.574	2962	2965	2971	rBV8	7658	8258	0.02%	0.010%
55	10.866	3053	3056	3064	rVB10	9694	11695	0.02%	0.014%
56	11.063	3102	3117	3124	rBV2	143646	244228	0.52%	0.285%
57	11.255	3166	3177	3201	rVB	1049234	1630583	3.45%	1.902%
58	11.545	3261	3267	3270	rBV7	8684	11208	0.02%	0.013%
59	11.632	3283	3294	3309	rVB3	1104790	1798200	3.81%	2.098%
60	11.754	3326	3332	3339	rVB8	20279	27264	0.06%	0.032%
61	11.892	3372	3375	3378	rBV5	3990	2982	0.01%	0.003%
62	11.940	3387	3390	3397	rBV7	5070	4486	0.01%	0.005%
63	11.992	3402	3406	3416	rVV7	11167	18691	0.04%	0.022%
64	12.204	3466	3472	3479	rVB5	27411	36842	0.08%	0.043%
65	12.307	3497	3504	3511	rVB2	60512	81179	0.17%	0.095%
66	12.352	3512	3518	3523	rBV5	26134	36001	0.08%	0.042%
67	12.432	3539	3543	3555	rVB5	15118	19078	0.04%	0.022%
68	12.561	3575	3583	3590	rBV4	35888	52270	0.11%	0.061%
69	12.683	3604	3621	3634	rBV6	74448	189676	0.40%	0.221%
70	12.767	3638	3647	3656	rVV2	40353	61378	0.13%	0.072%
71	12.841	3668	3670	3671	rBV2	4640	2303	0.00%	0.003%
72	12.960	3698	3707	3715	rBV4	46755	78556	0.17%	0.092%
73	13.008	3717	3722	3728	rVB2	17567	22382	0.05%	0.026%
74	13.185	3766	3777	3783	rBV9	14646	34578	0.07%	0.040%
75	13.278	3798	3806	3810	rBV8	16273	23817	0.05%	0.028%
76	13.320	3811	3819	3833	rVB3	71992	144418	0.31%	0.168%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
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	13.410	3841	3847	3860	rVB7	18216	30828	0.07%	0.036%
78	13.477	3861	3868	3871	rBV7	19021	24908	0.05%	0.029%
79	13.551	3885	3891	3895	rBV7	17382	22817	0.05%	0.027%
80	13.715	3937	3942	3956	rVB7	26573	47760	0.10%	0.056%
81	13.831	3974	3978	3984	rBV9	5545	7933	0.02%	0.009%
82	13.921	4002	4006	4018	rVB9	11108	15334	0.03%	0.018%
83	13.976	4019	4023	4024	rBV4	5010	3571	0.01%	0.004%
84	14.107	4053	4064	4065	rBV5	34151	43041	0.09%	0.050%
85	14.239	4098	4105	4114	rBV2	54449	89644	0.19%	0.105%
86	14.304	4118	4125	4139	rVB6	58129	109876	0.23%	0.128%
87	14.458	4164	4173	4183	rBV4	30493	53219	0.11%	0.062%
88	14.509	4184	4189	4200	rVB4	18464	26175	0.06%	0.031%
89	14.583	4204	4212	4218	rBV9	14949	24226	0.05%	0.028%
90	14.705	4245	4250	4259	rVB5	18812	27468	0.06%	0.032%
91	14.812	4280	4283	4285	rBV4	3437	2215	0.00%	0.003%
92	14.879	4301	4304	4306	rBV4	6097	4468	0.01%	0.005%
93	14.998	4338	4341	4345	rVV5	3907	2955	0.01%	0.003%
94	15.156	4385	4390	4393	rBV5	3710	3827	0.01%	0.004%
95	15.275	4424	4427	4429	rBV3	3263	2271	0.00%	0.003%
96	15.329	4441	4444	4446	rBV5	3316	2343	0.00%	0.003%
97	15.426	4469	4474	4475	rBV5	2975	2344	0.00%	0.003%
98	15.808	4585	4593	4597	rBV10	4149	5157	0.01%	0.006%
99	16.049	4665	4668	4673	rVB5	3467	2445	0.01%	0.003%
100	16.082	4675	4678	4680	rBV4	3698	2218	0.00%	0.003%

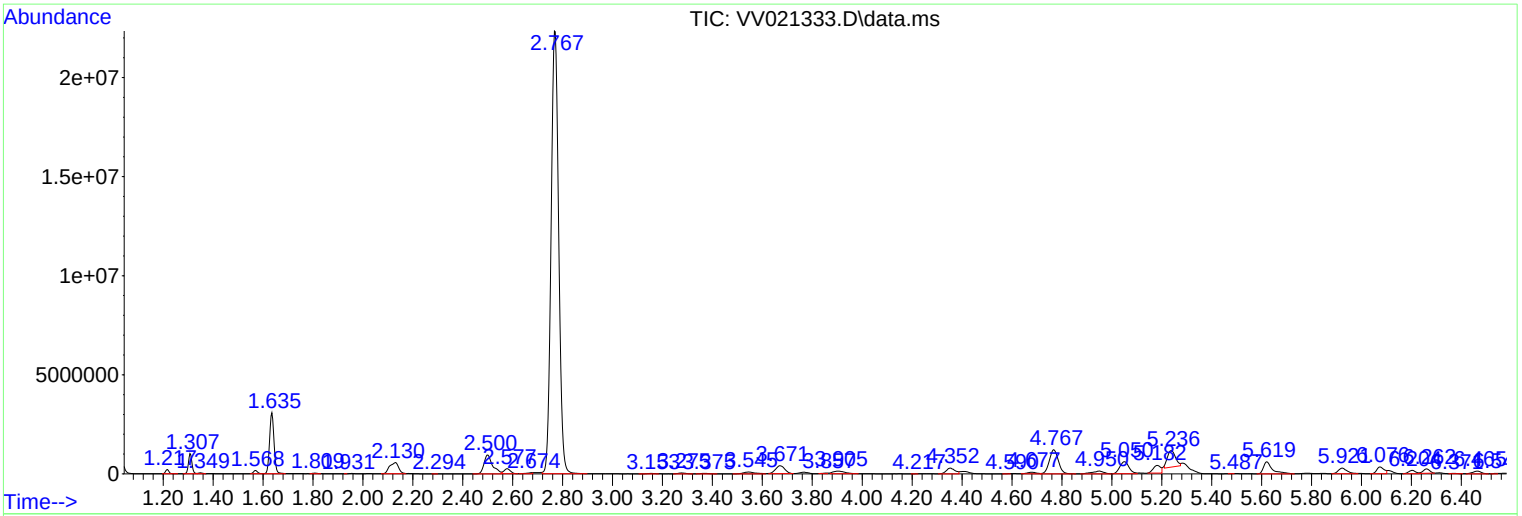
Sum of corrected areas: 85711506

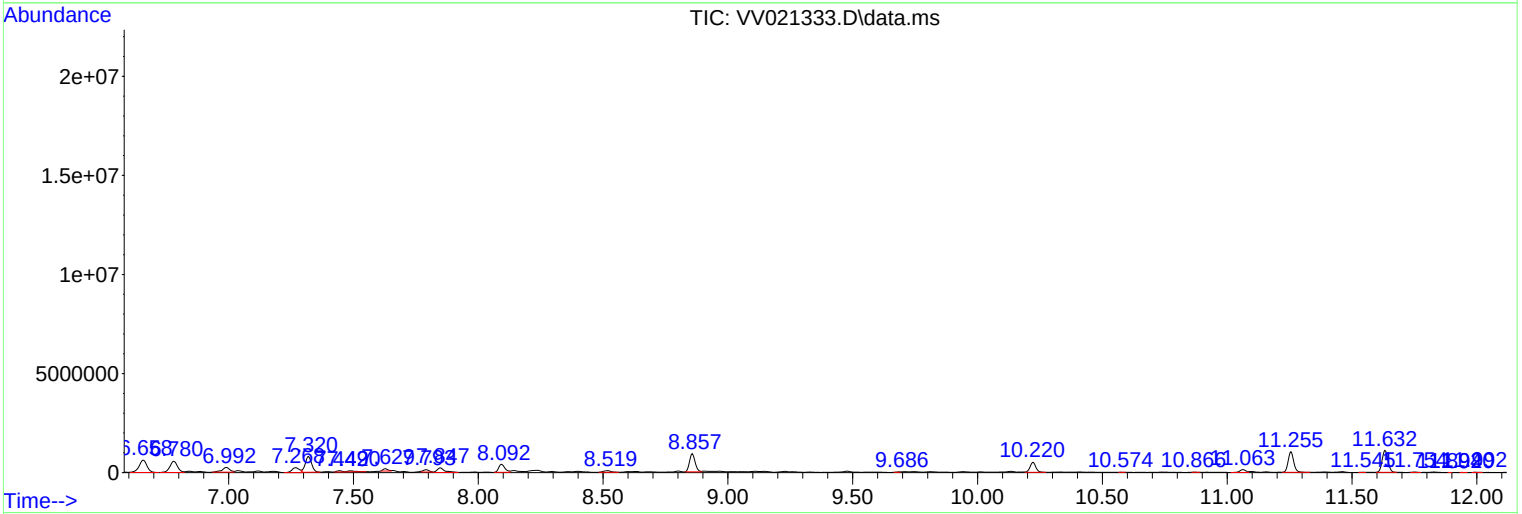
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

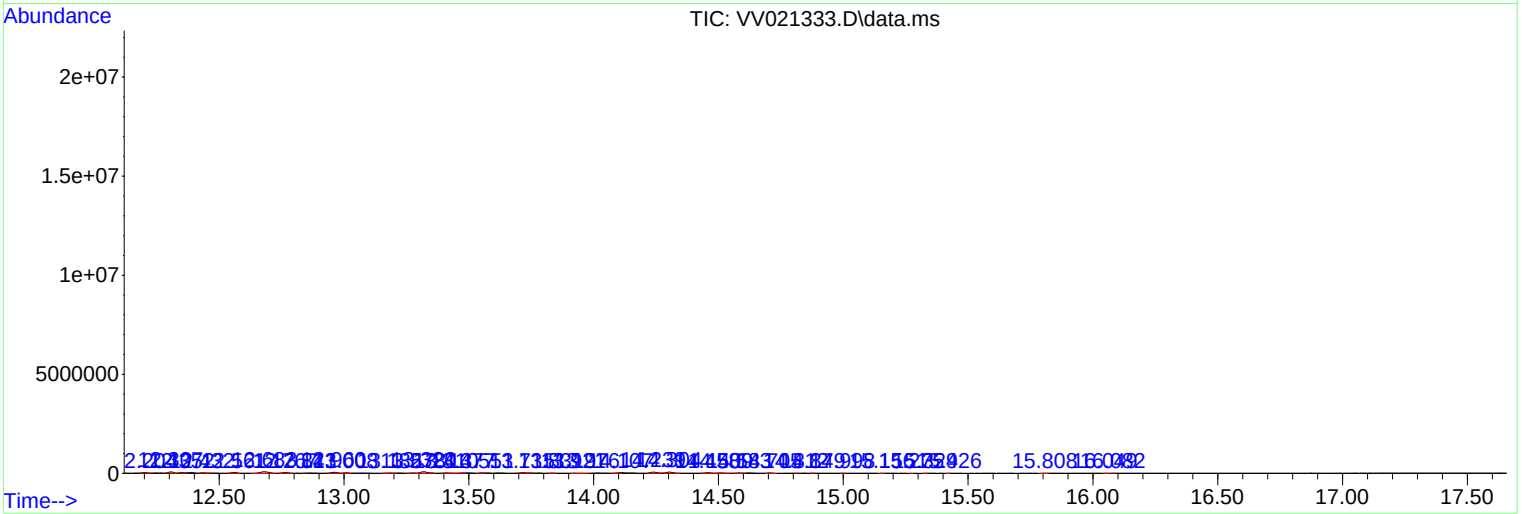
Instrument :
MSVOA_V
ClientSampleId :
F3A08

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\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

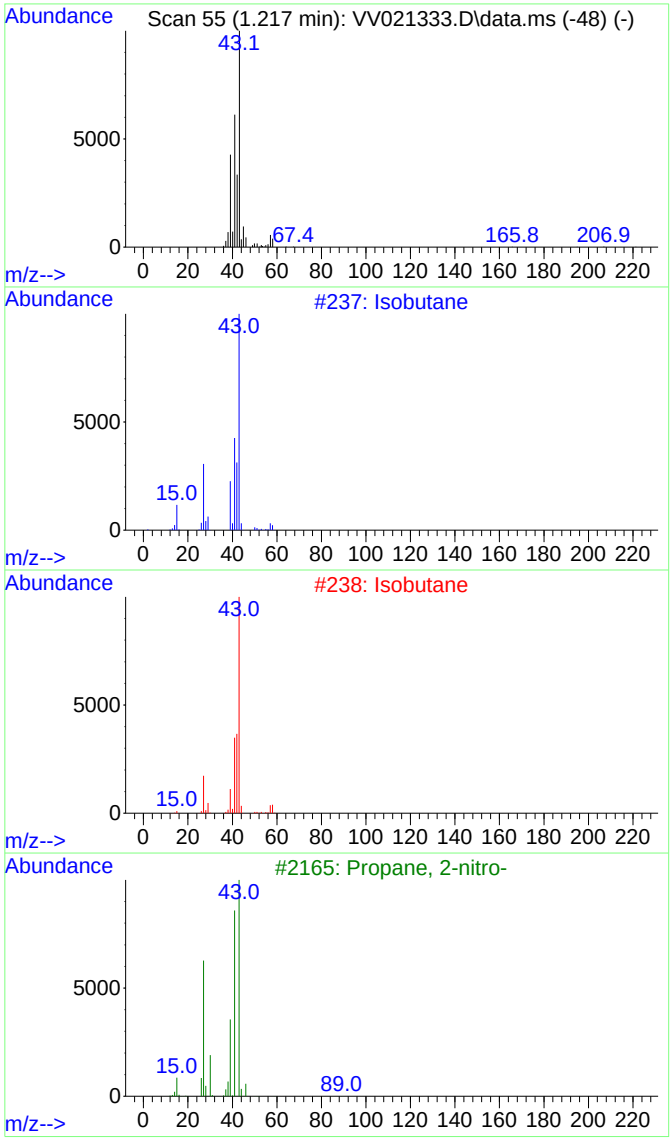
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

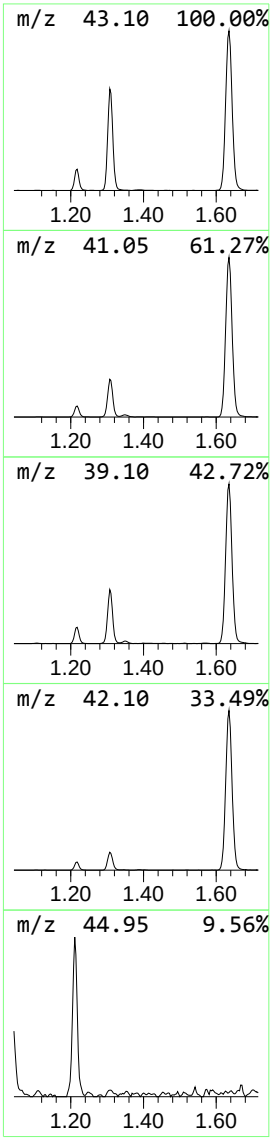
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	6.59 ug/L	197687	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	43
2	Isobutane	58	C4H10	000075-28-5	32
3	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	10
4	Propene	42	C3H6	000115-07-1	9
5	Isobutane	58	C4H10	000075-28-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

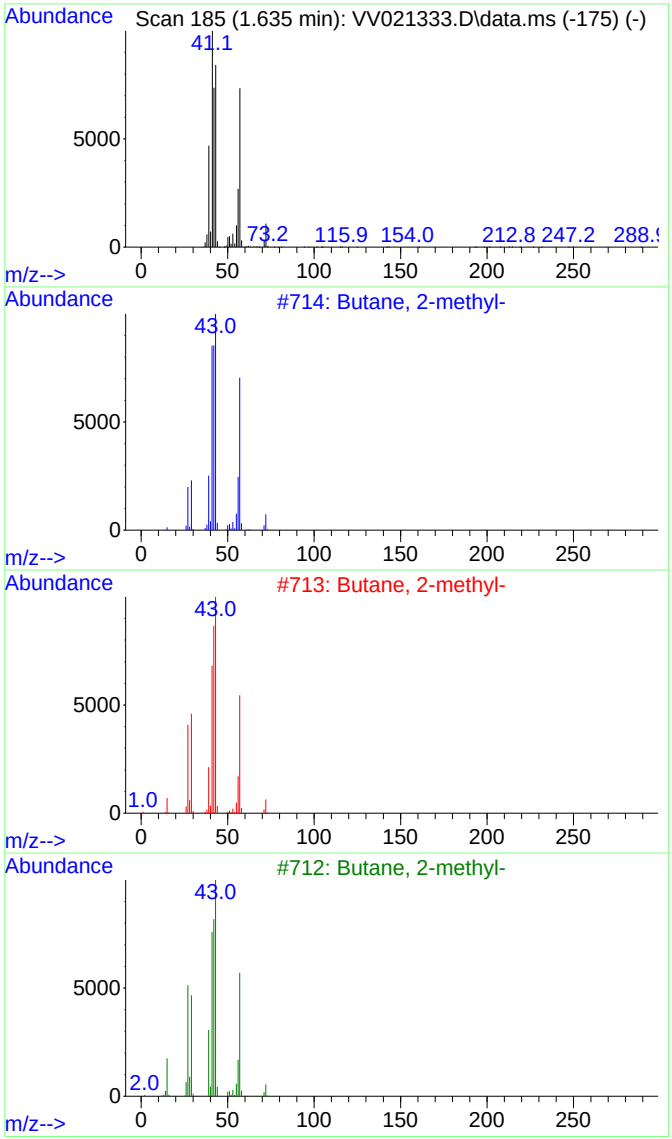
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

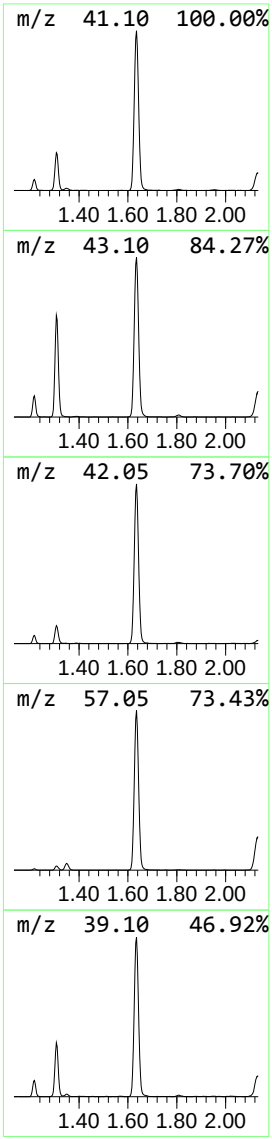
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.635	126.20 ug/L	3786990	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	81
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	Butane, 2-methyl-	72	C5H12	000078-78-4	40
4	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	25
5	3-Buten-1-ol	72	C4H8O	000627-27-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F3A08

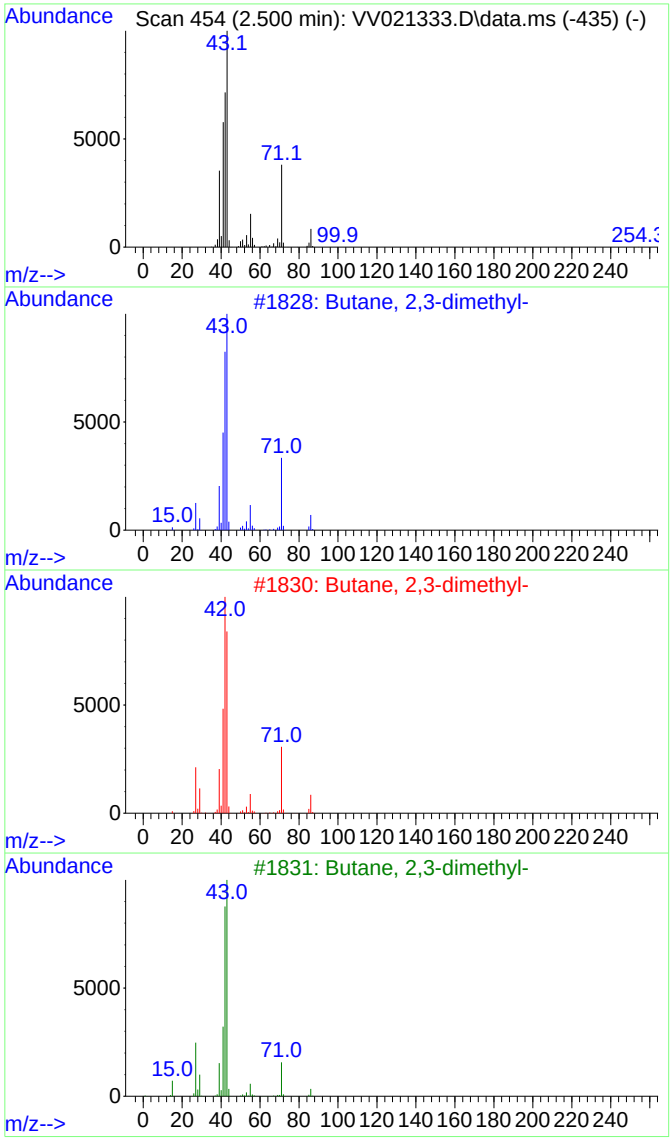
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

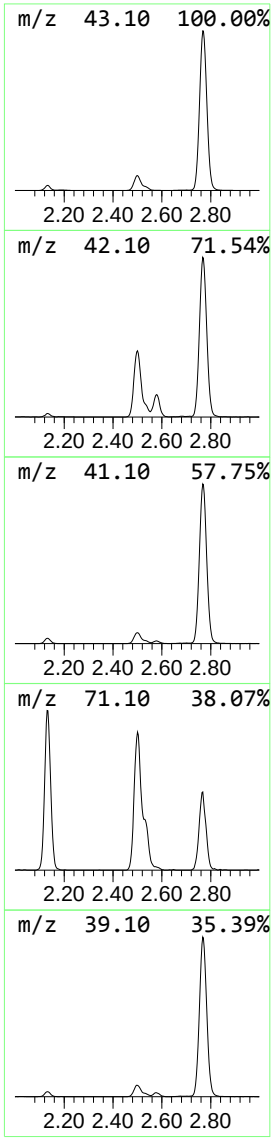
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.500	75.07 ug/L	2252600	1,4-Difluorobenzene	5.619

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	80
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	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F3A08

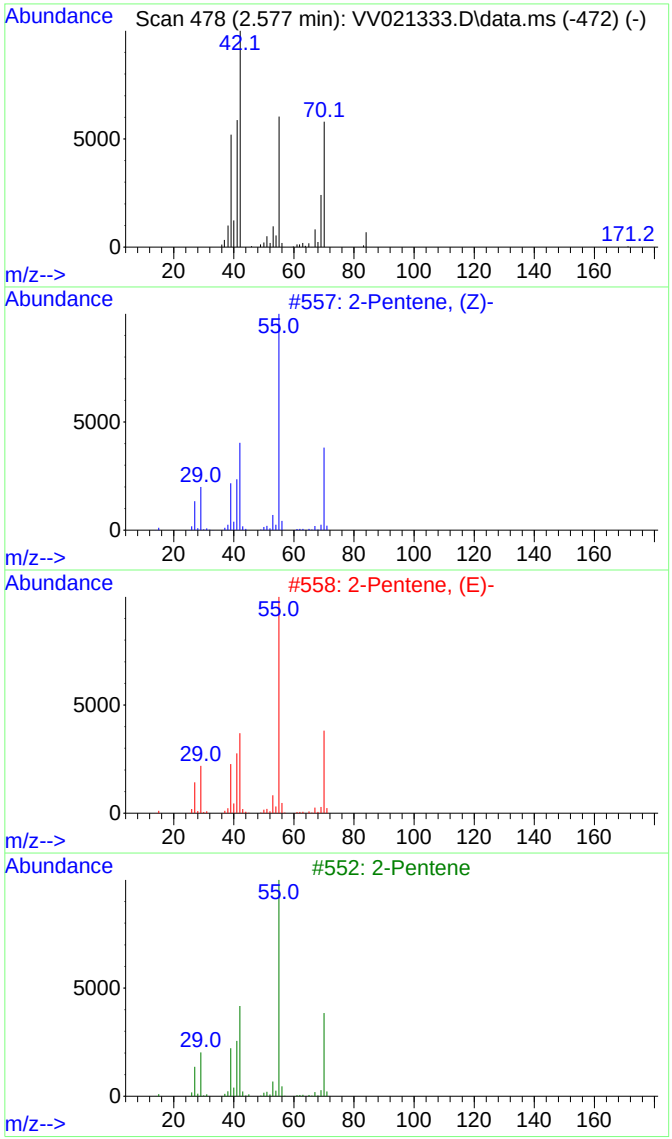
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

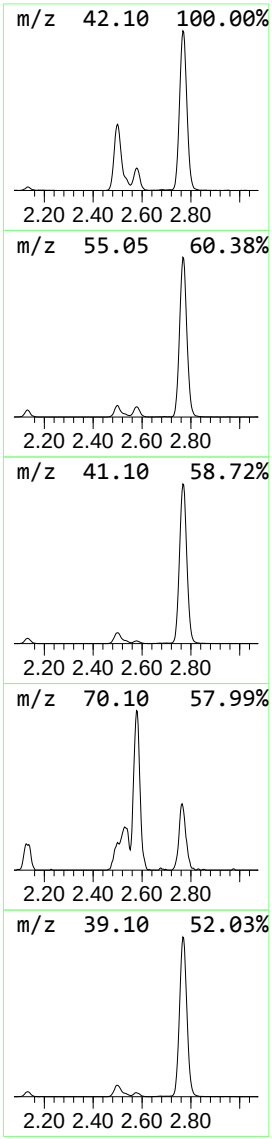
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.577	14.86 ug/L	445783	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	78
2	2-Pentene, (E)-	70	C5H10	000646-04-8	78
3	2-Pentene	70	C5H10	000109-68-2	78
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

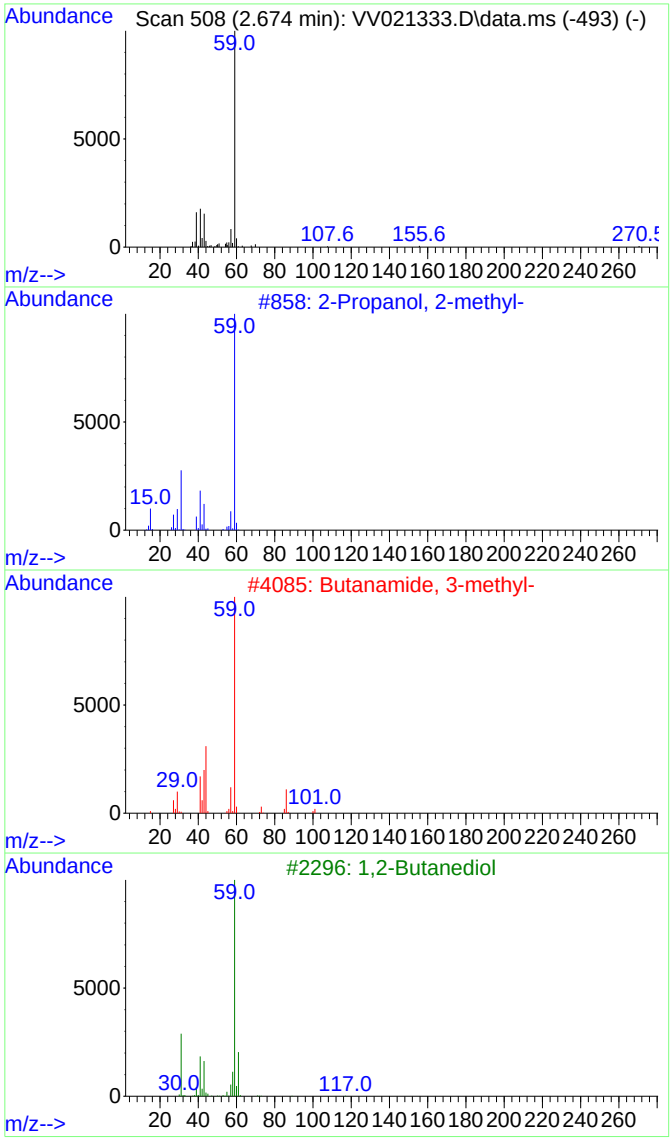
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

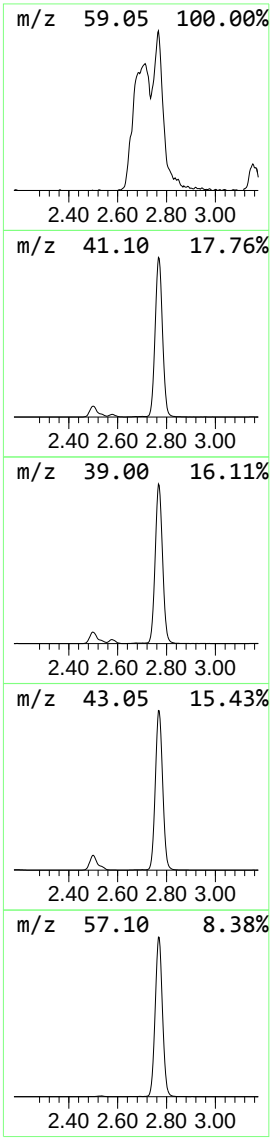
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propanol, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.674	3.06 ug/L	91798	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
2	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	40
3	1,2-Butanediol	90	C4H10O2	000584-03-2	40
4	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	40
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

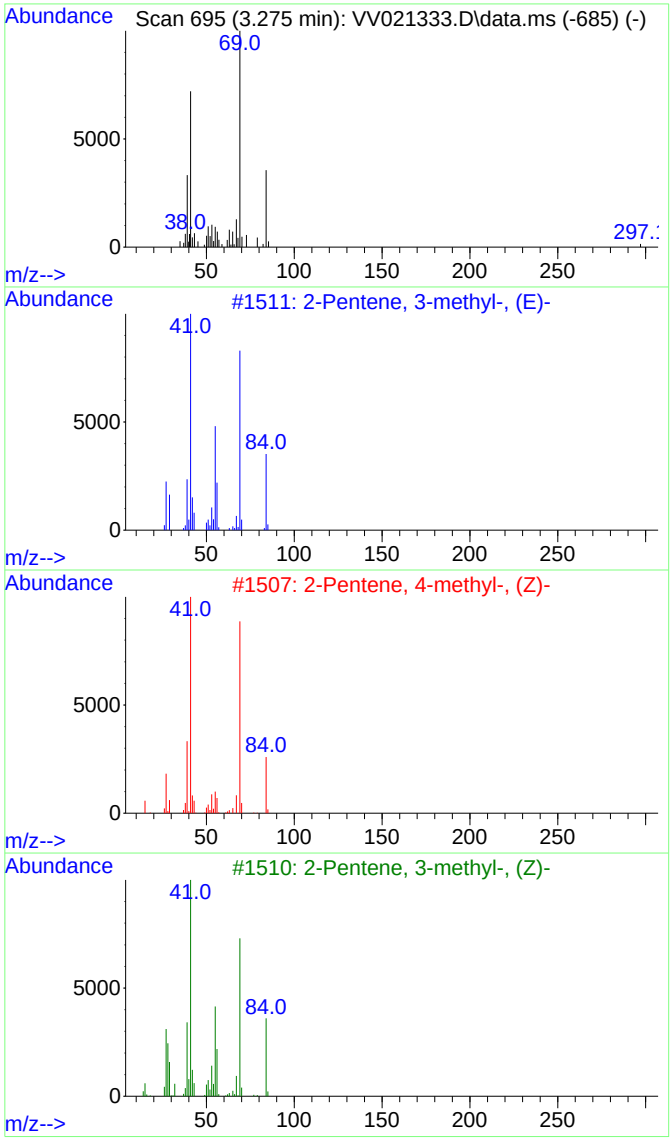
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

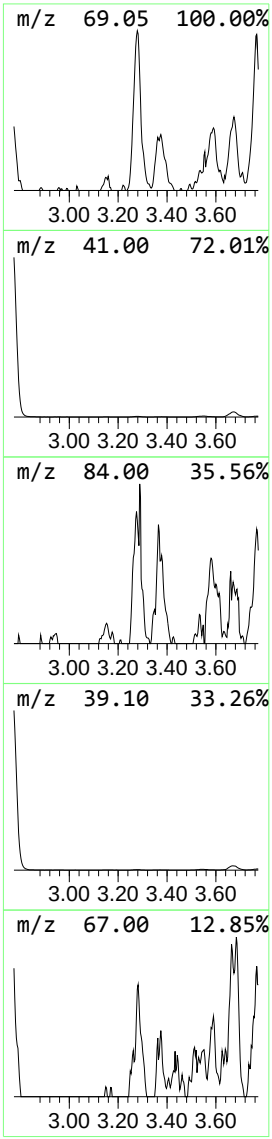
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.275	3.04 ug/L	91298	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	86
2	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	80
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	78
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	72
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	72





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Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

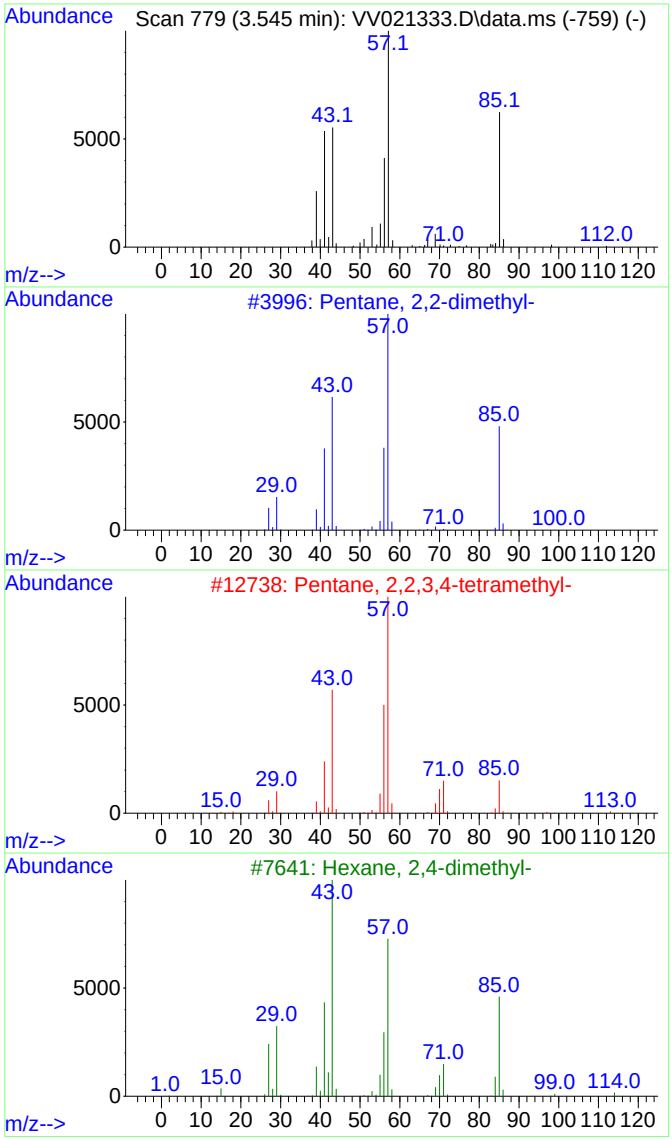
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

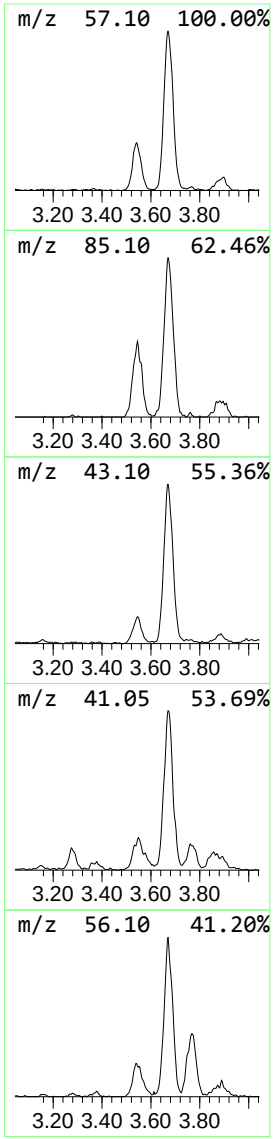
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.545	10.18 ug/L	305388	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	56
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	56
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

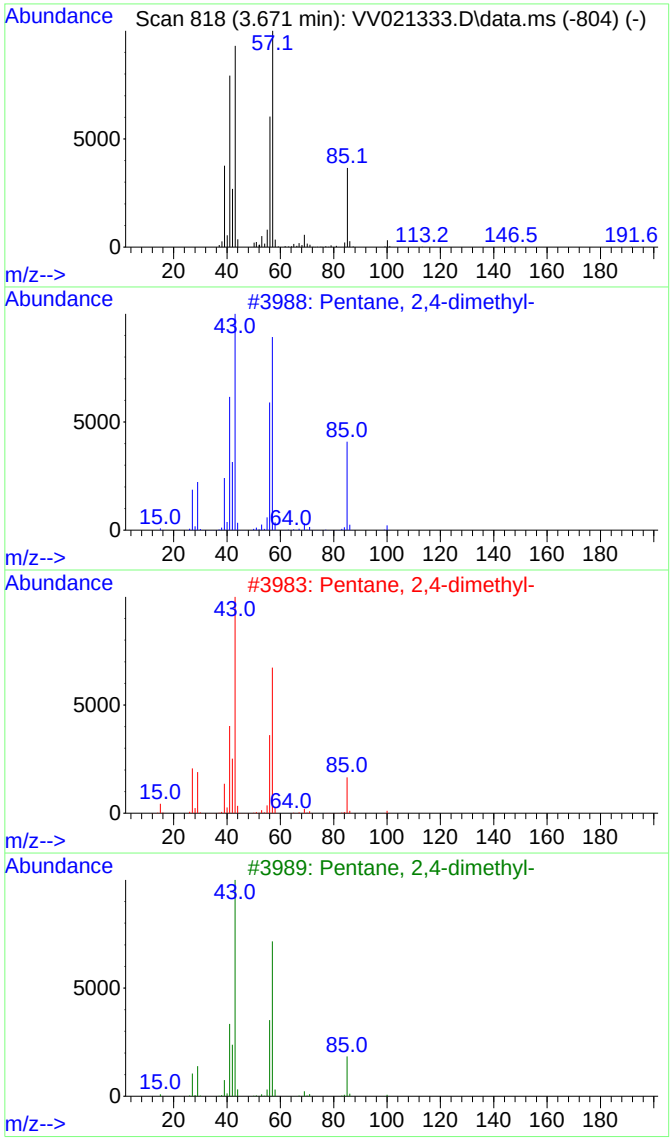
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

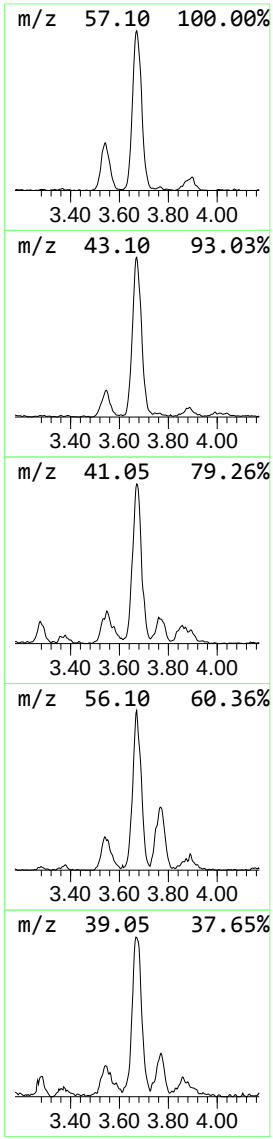
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.671	34.18 ug/L	1025560	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	72
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

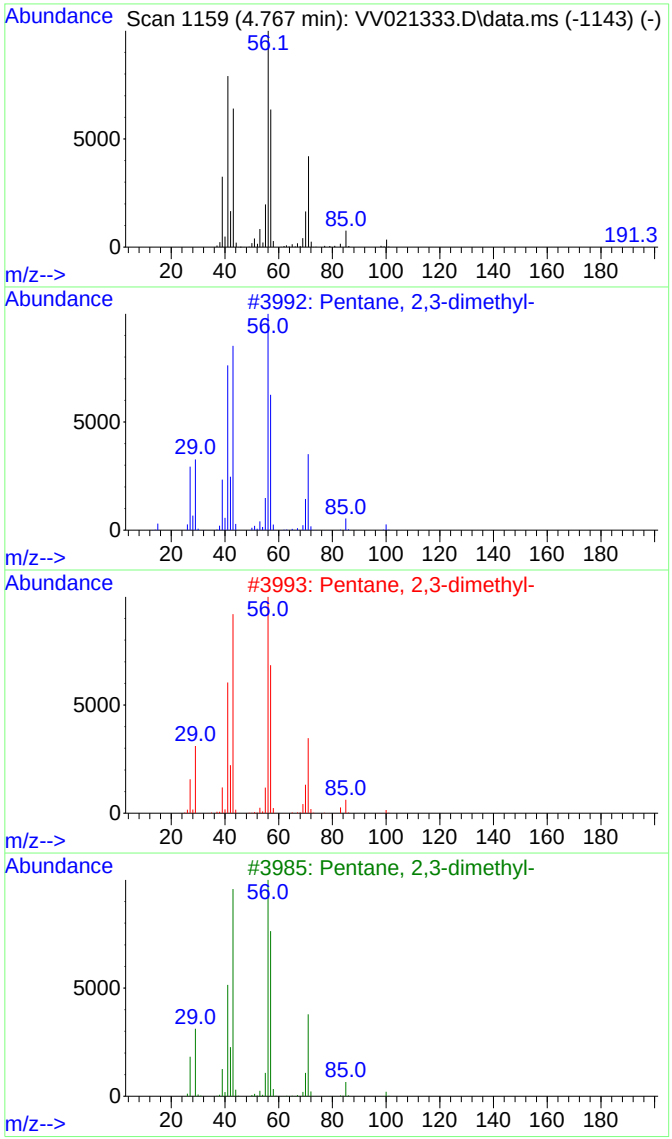
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

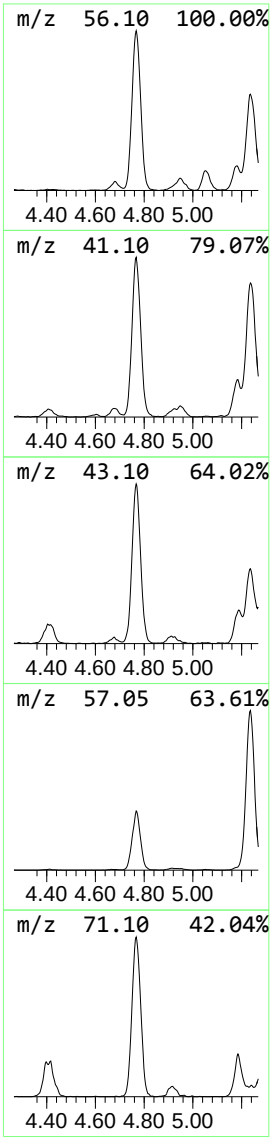
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.767	101.87 ug/L	3056910	1,4-Difluorobenzene	5.619

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	78
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F3A08

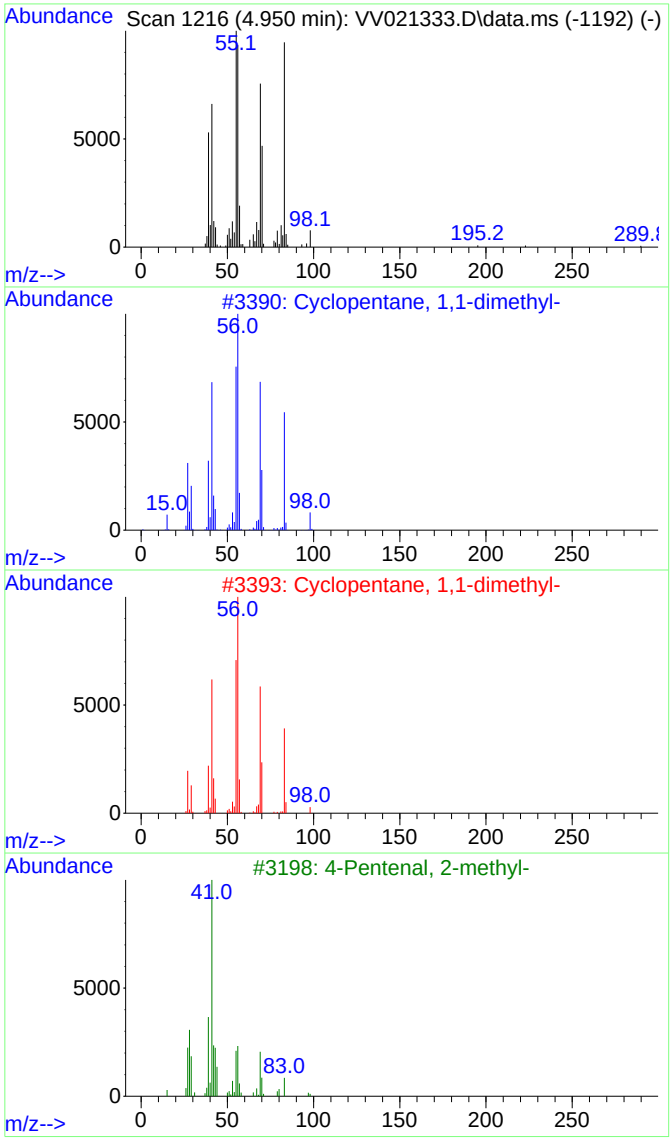
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

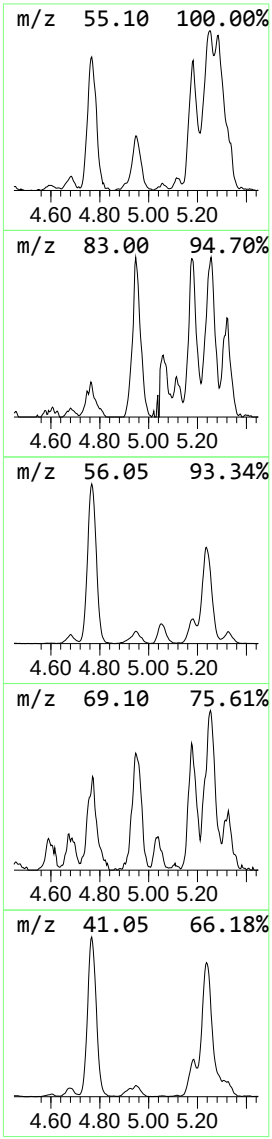
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic4.950 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.950	14.73 ug/L	442107	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	58
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	50
3	4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	46
4	3-Heptene	98	C7H14	000592-78-9	43
5	3-Heptene, (E)-	98	C7H14	014686-14-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

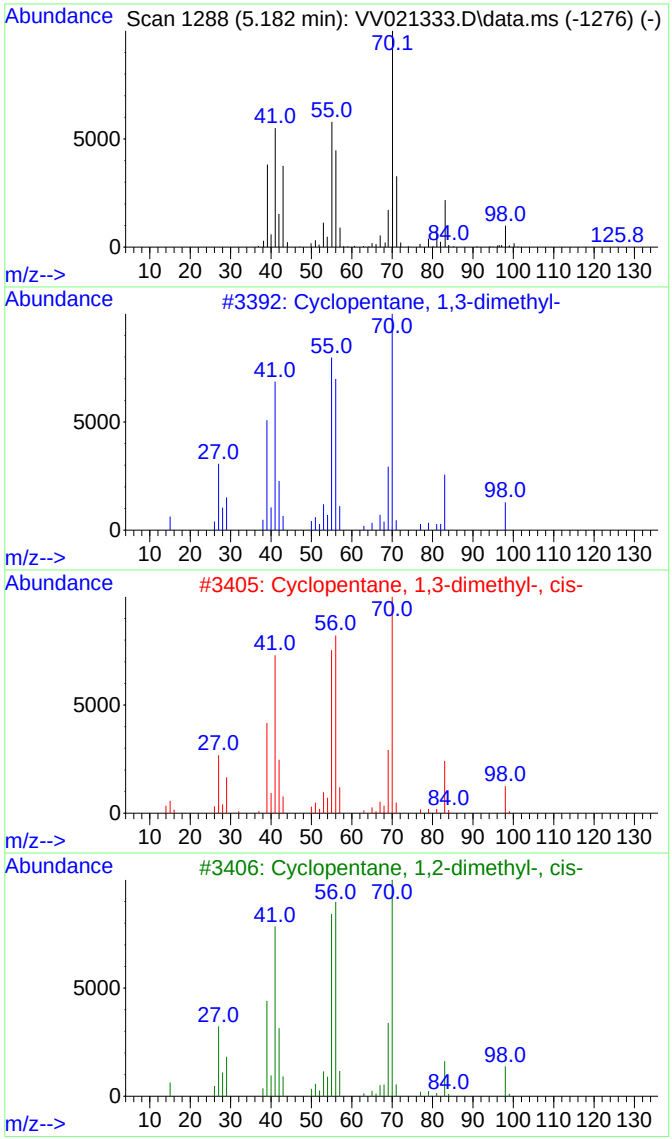
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

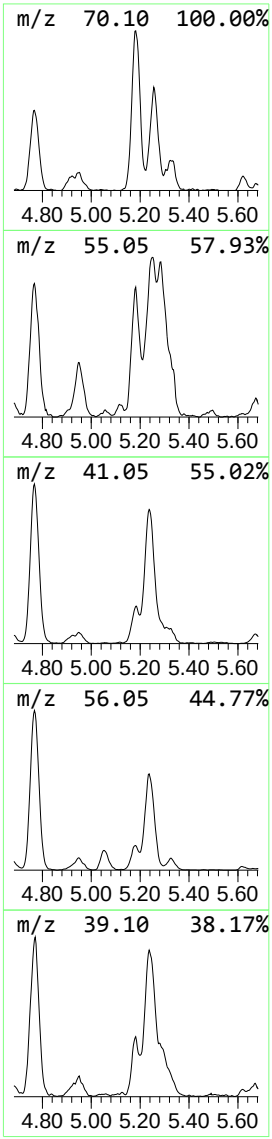
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic5.182 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.182	27.79 ug/L	833935	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	70
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	55
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	46
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	38
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

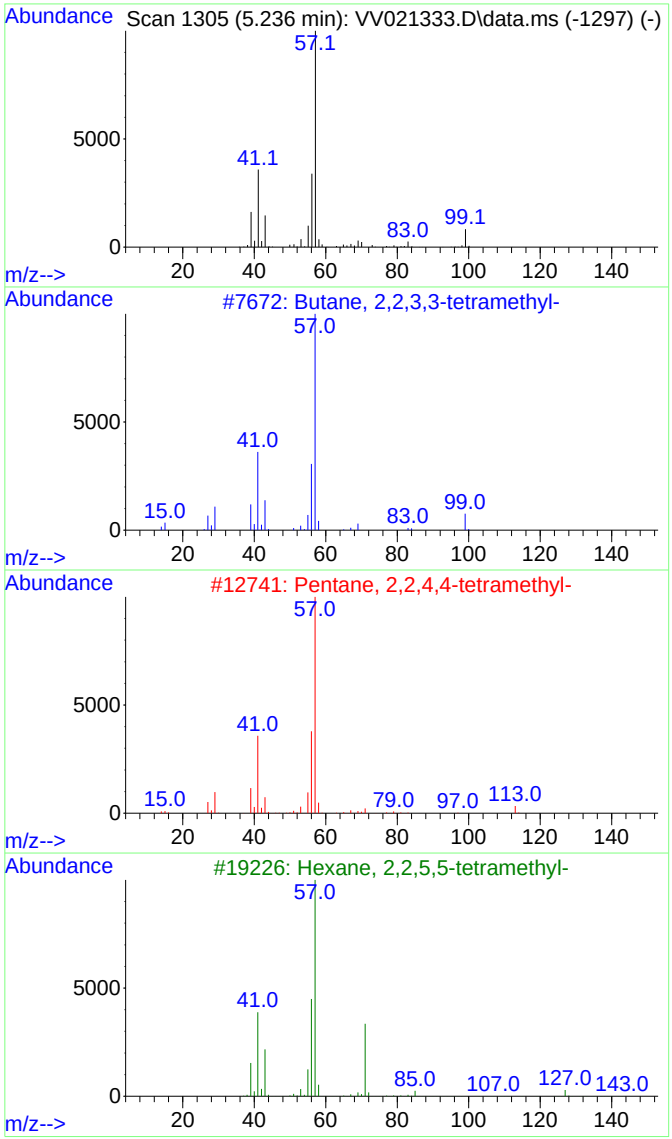
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

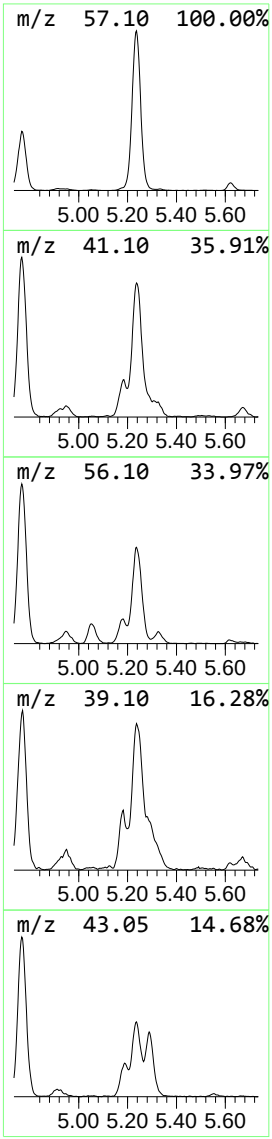
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.236	62.47 ug/L	1874560	1,4-Difluorobenzene	5.619

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

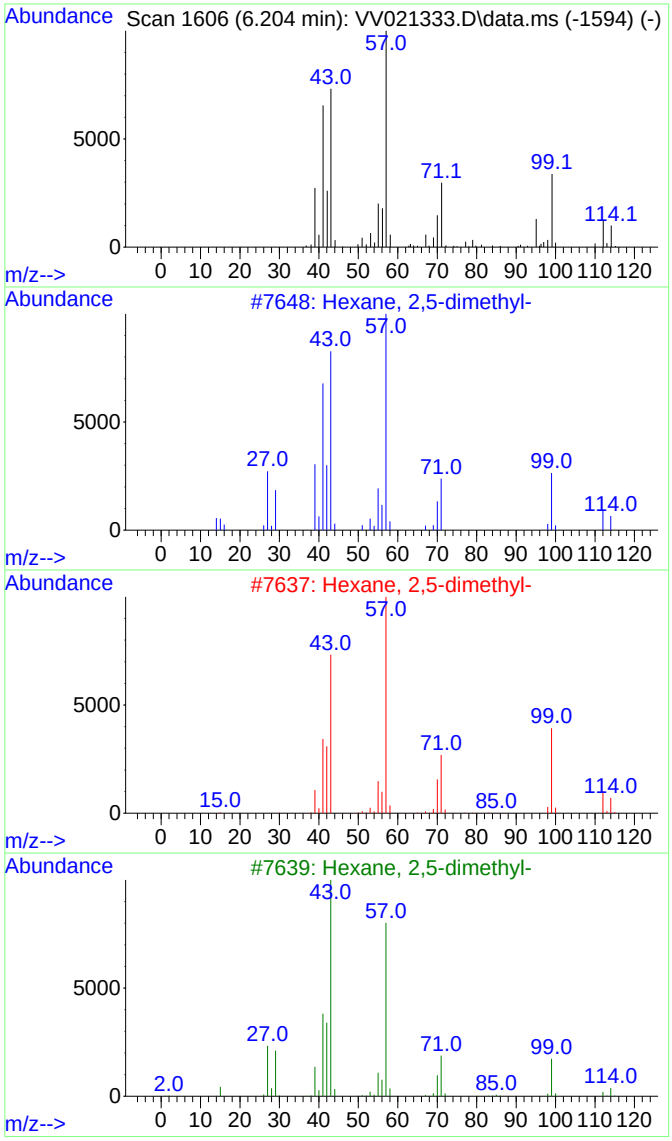
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

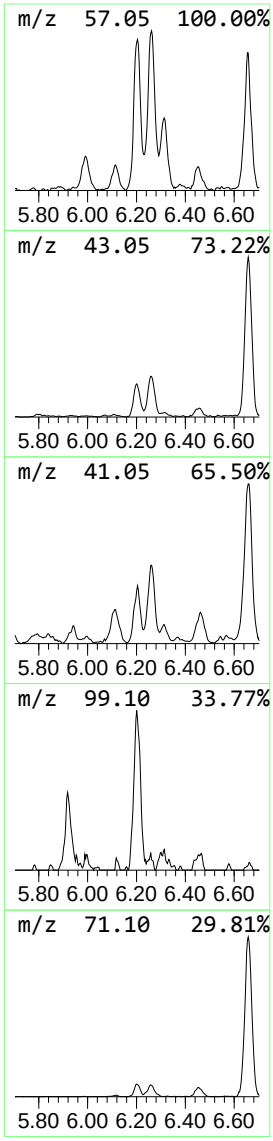
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.204	10.94 ug/L	328152	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	94
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
4	Hexanoyl chloride	134	C6H11ClO	000142-61-0	43
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	38





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Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

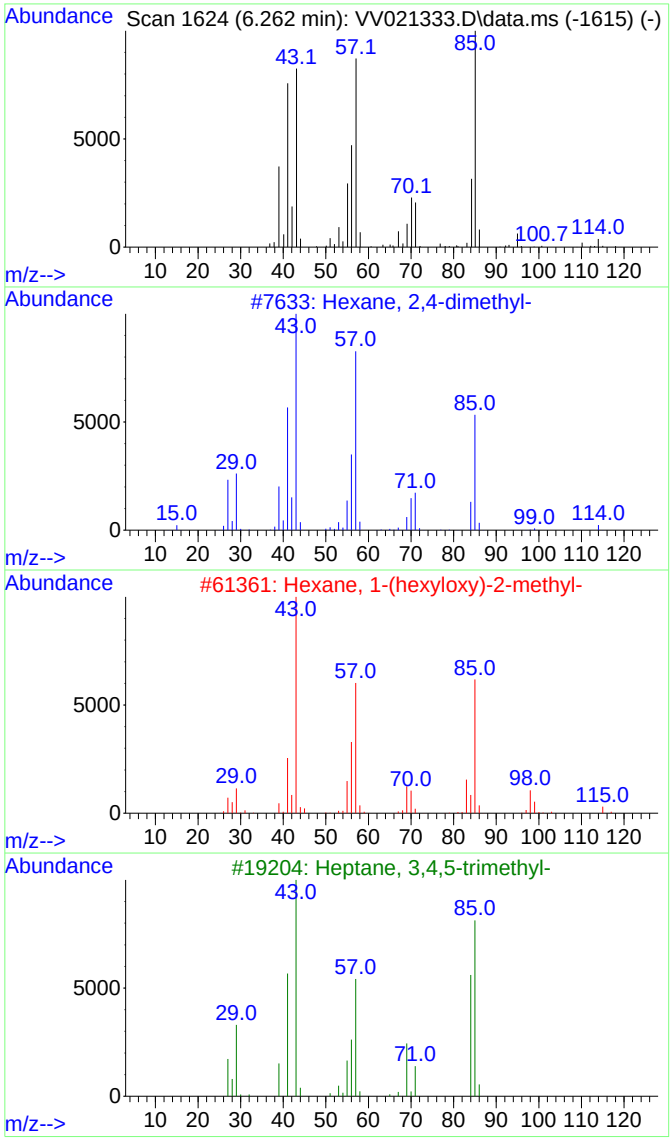
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

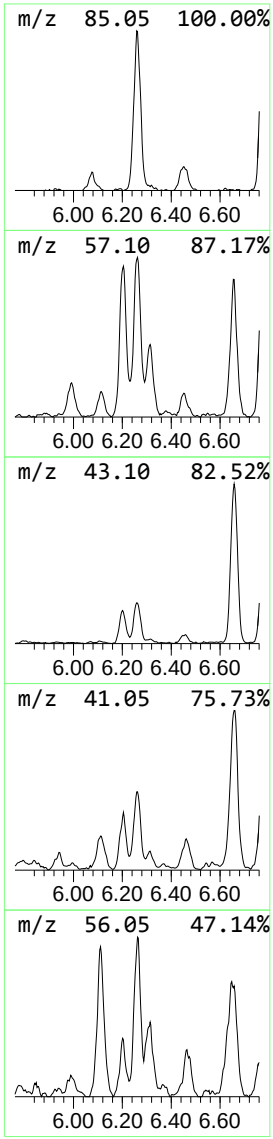
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.262	13.11 ug/L	393353	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
2	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	59
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
4	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

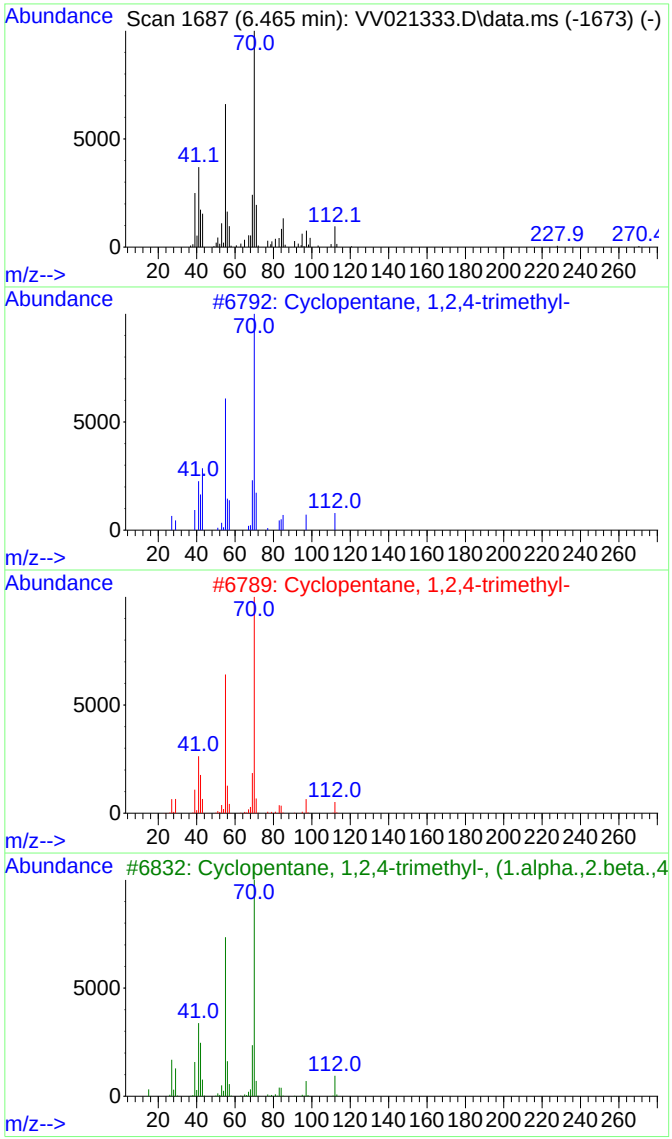
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

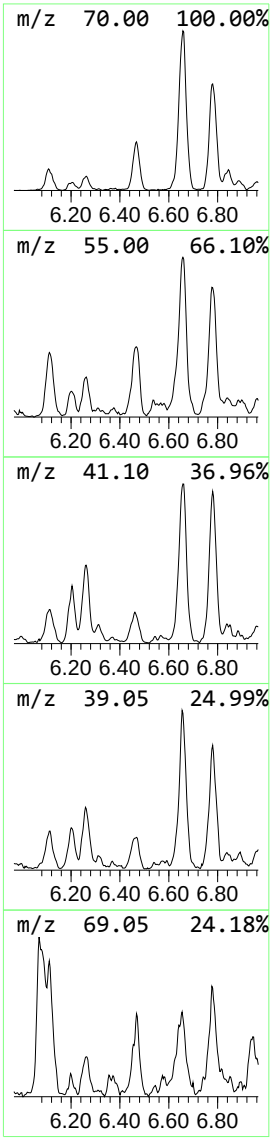
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic6.465 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.465	10.42 ug/L	312699	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	64
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	64
4	2-Decene, 3-methyl-, (Z)-	154	C11H22	074630-26-5	59
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

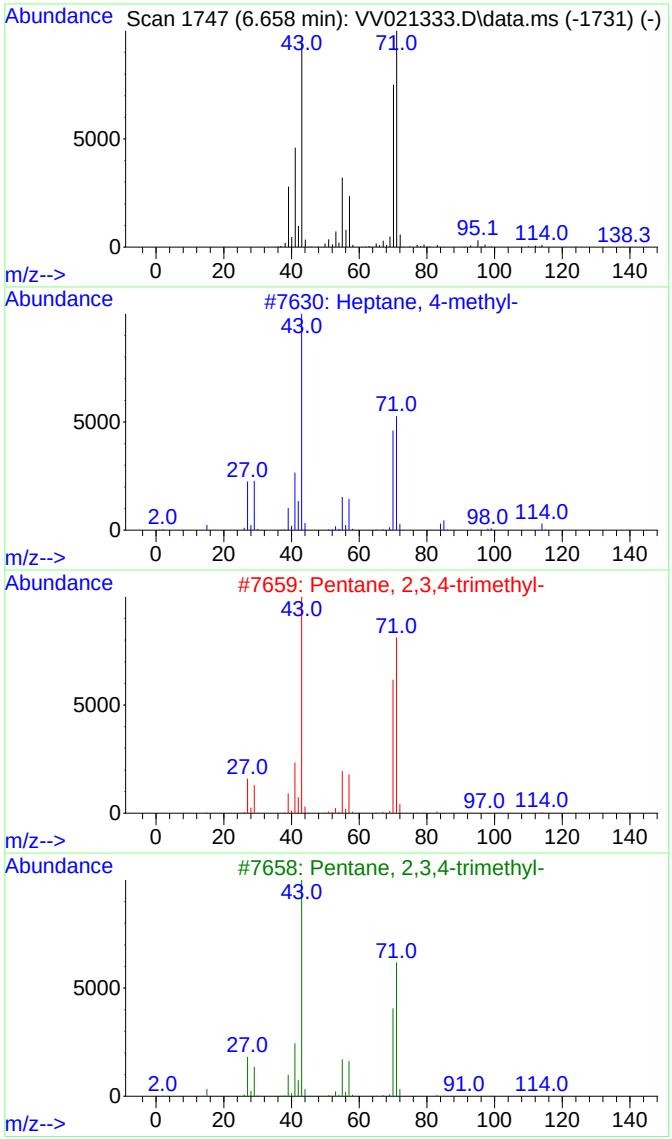
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

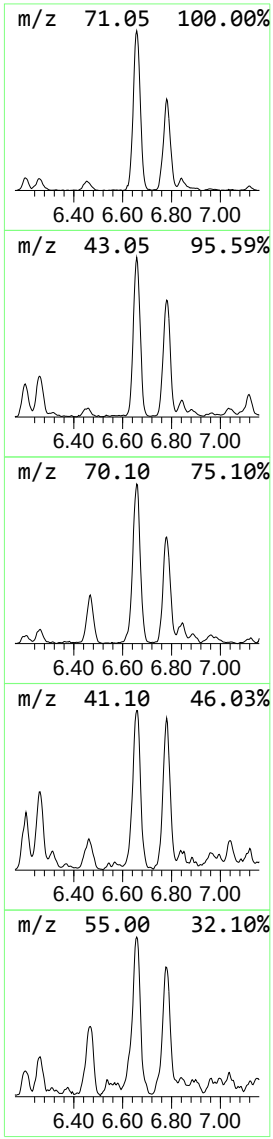
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.658	45.66 ug/L	1370010	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	90
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

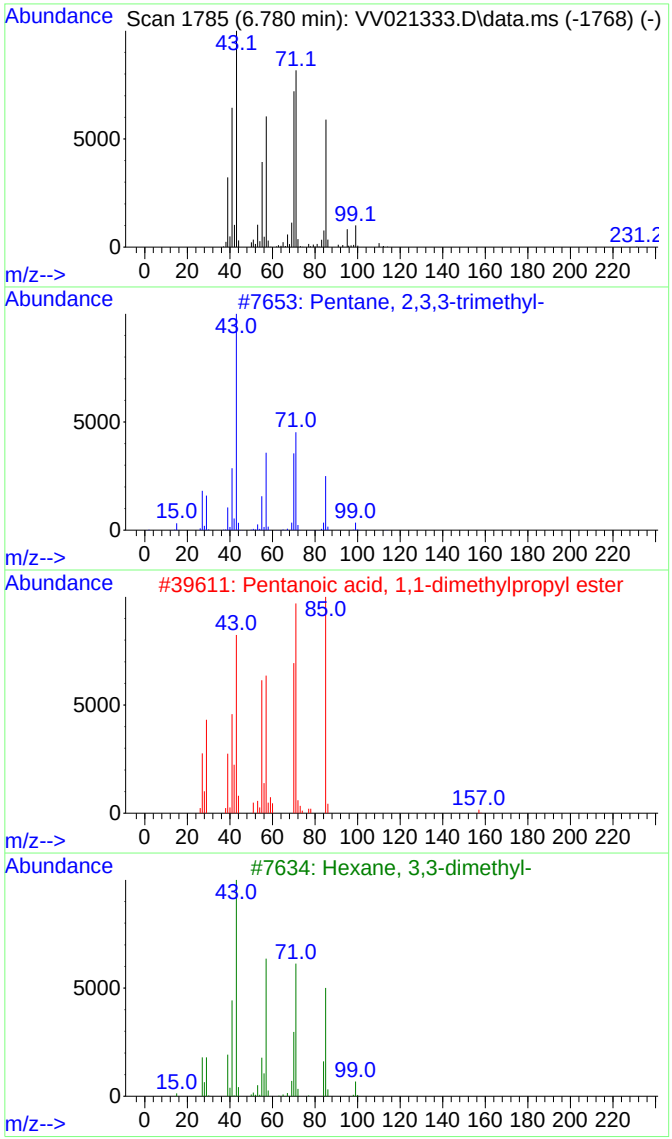
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

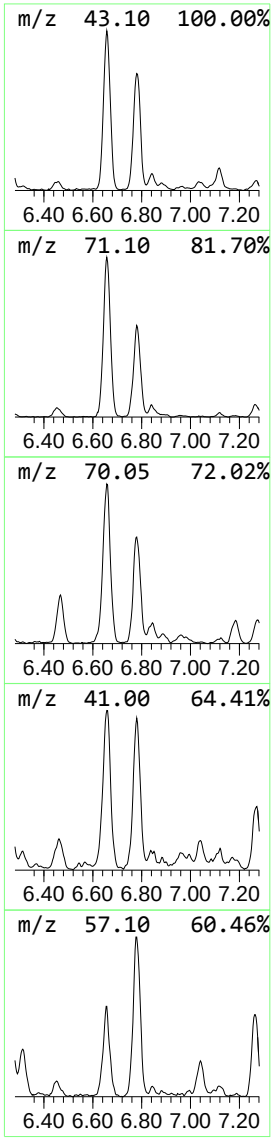
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.780	40.29 ug/L	1208870	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Pentanoic acid, 1,1-dimethylprop...	172	C10H20O2	117421-32-6	72
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

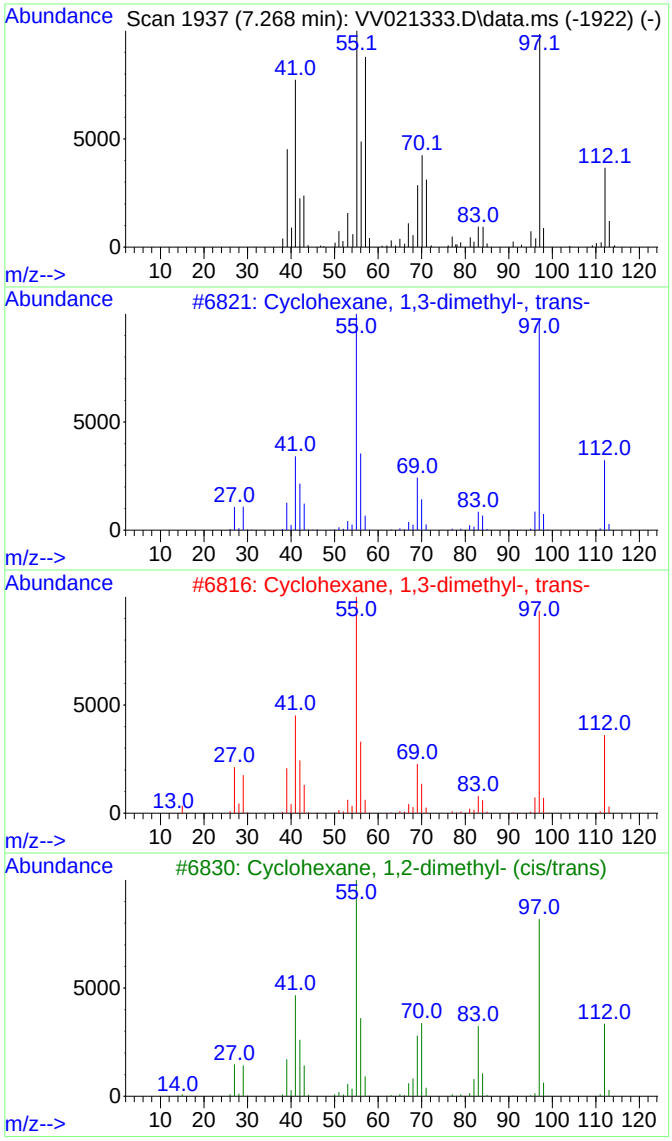
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

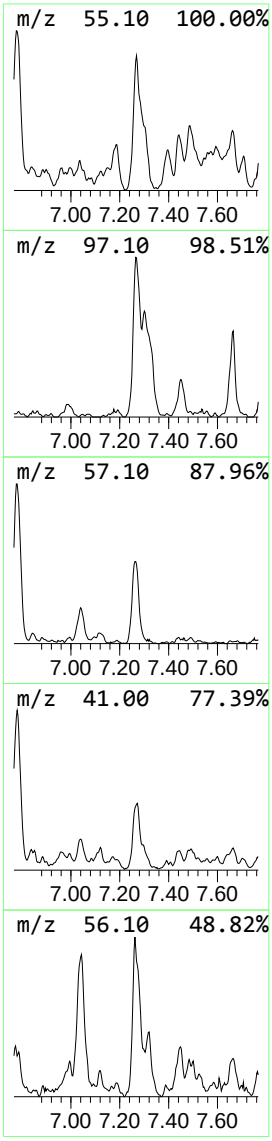
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic7.268 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.268	17.34 ug/L	505497	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	76
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	68
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	64
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
5	4-Octene, (E)-	112	C8H16	014850-23-8	60





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Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

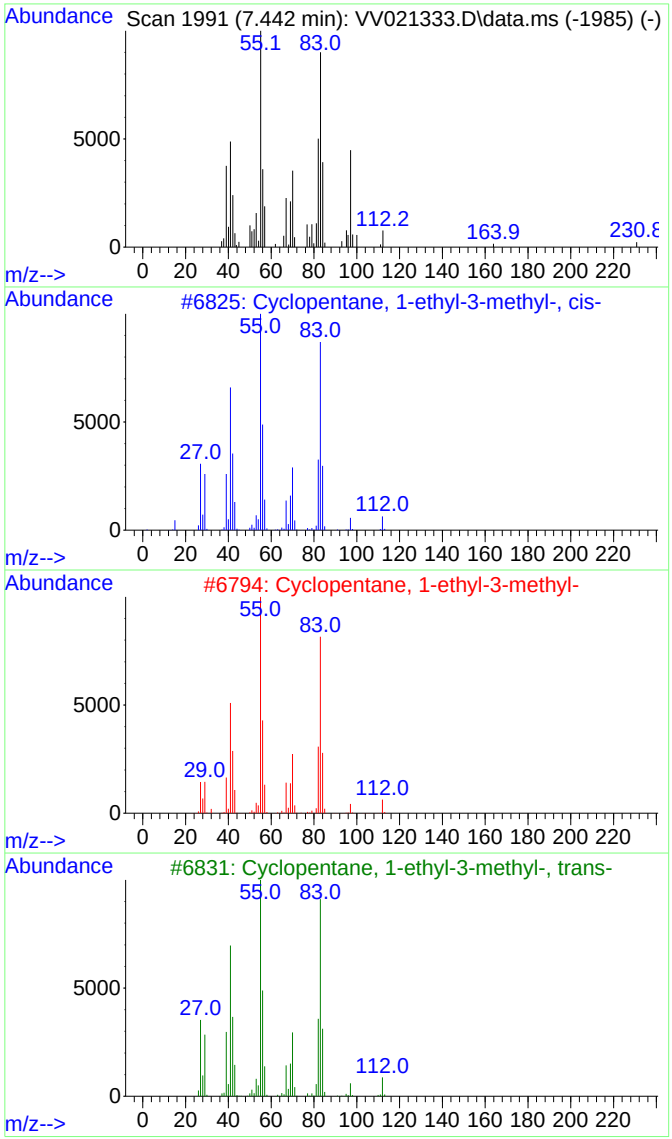
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

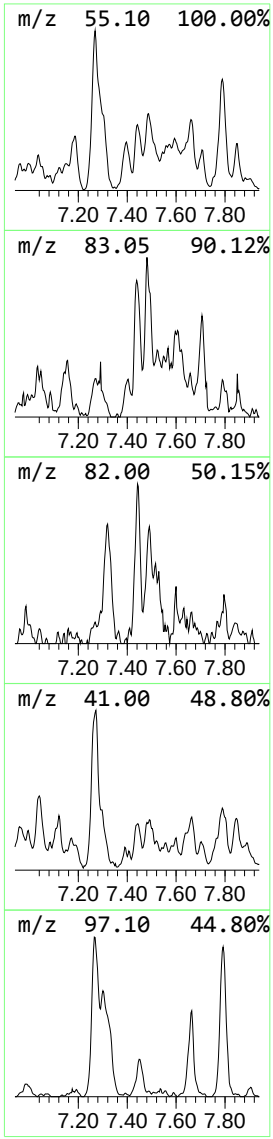
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic7.442 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.442	3.38 ug/L	98515	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	68
2	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	64
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	64
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	43
5	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
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

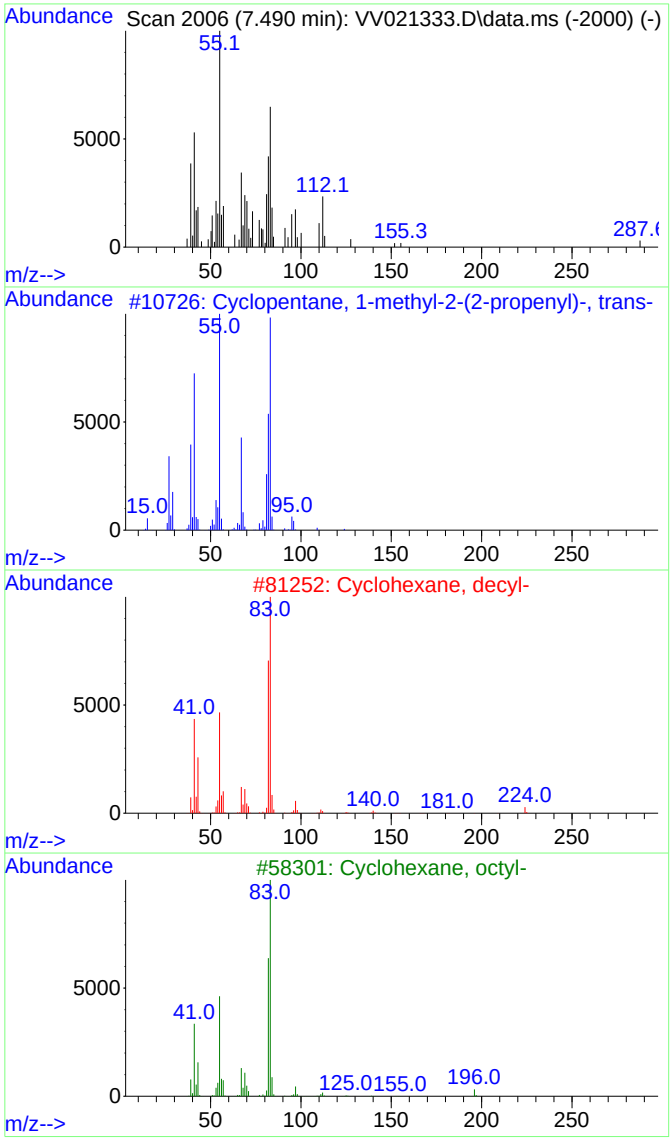
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

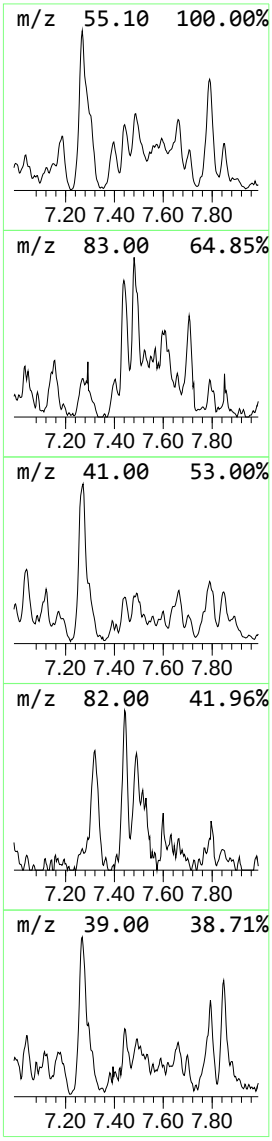
****

Peak Number 21 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.490	3.87 ug/L	112863	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
2	Cyclohexane, decyl-	224	C16H32	001795-16-0	38
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	38
4	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	35
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

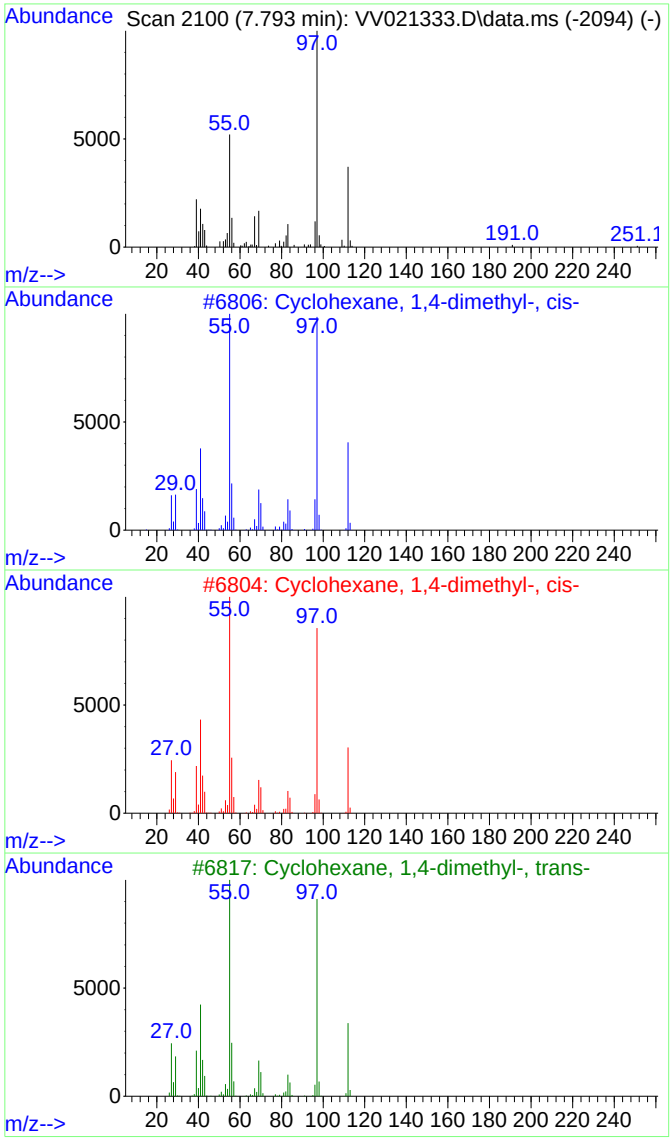
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

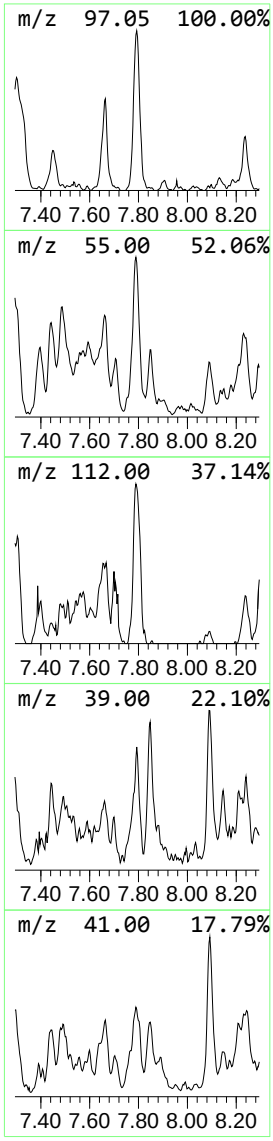
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic7.793 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.793	5.85 ug/L	170640	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	78
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	78
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	78
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

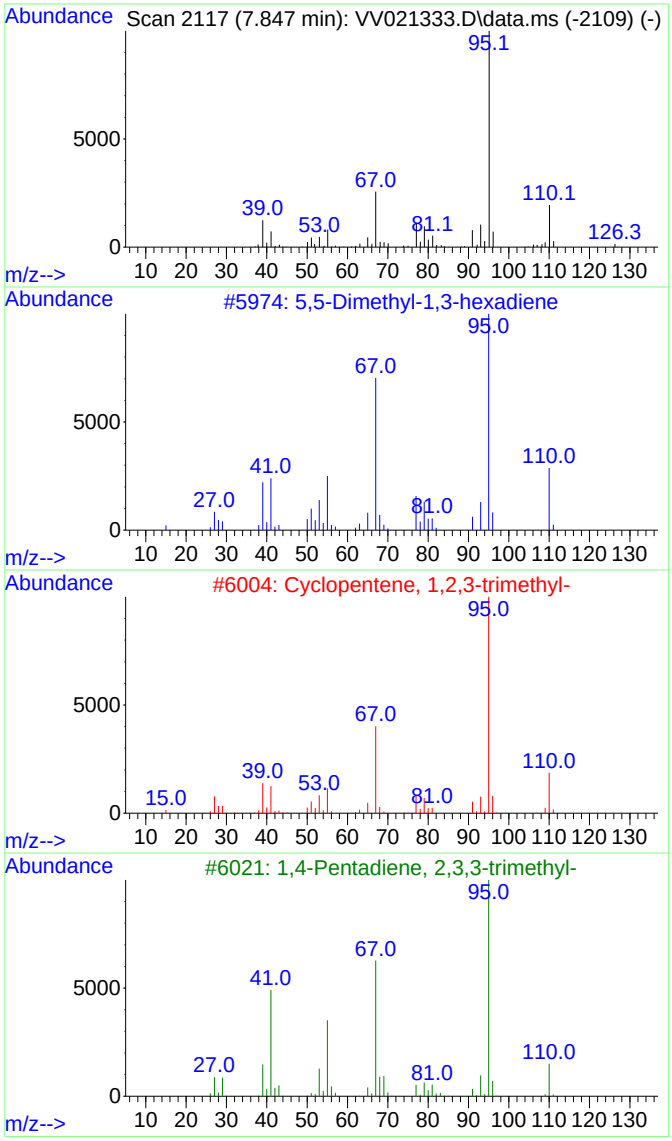
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

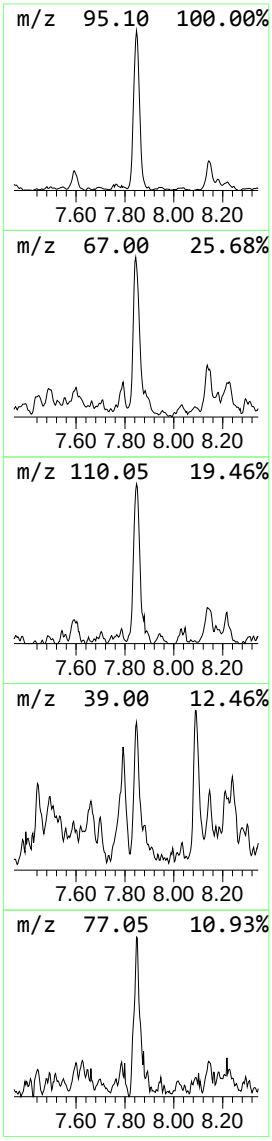
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 5,5-Dimethyl-1,3-hexadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.847	15.98 ug/L	465749	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	91
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	83
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	80
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

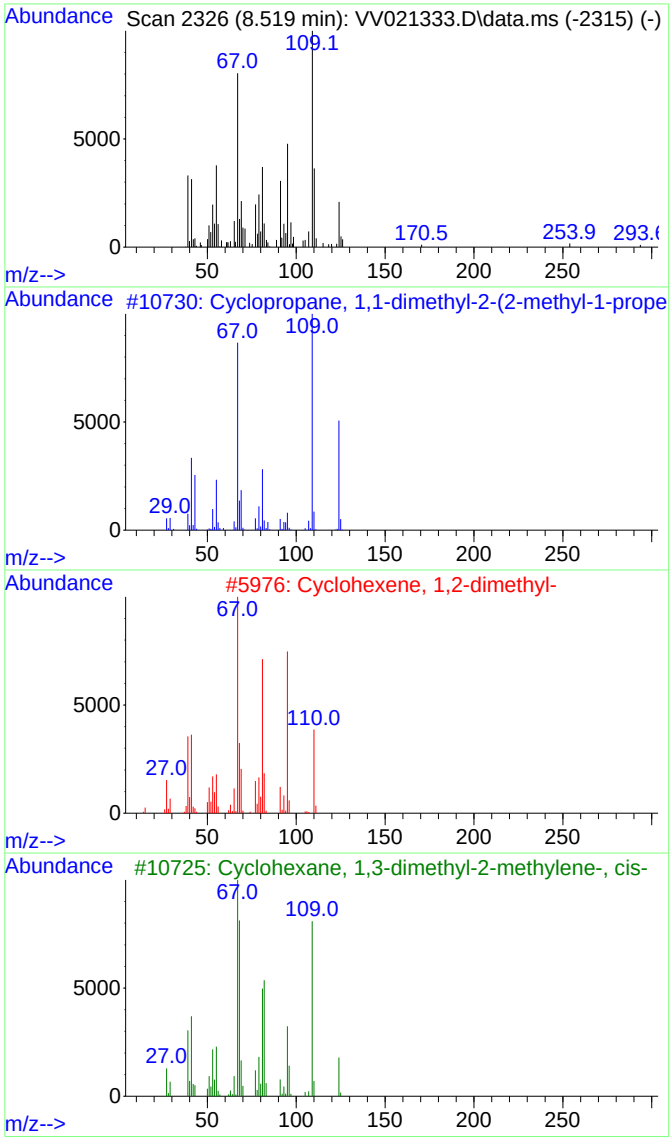
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

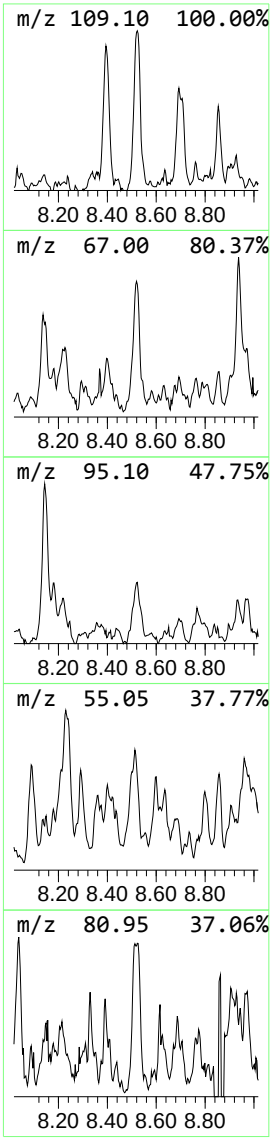
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Cyclopropane, 1,1-dimethyl-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.519	5.64 ug/L	164301	Chlorobenzene-d5	8.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	58
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	55
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	53
4	1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	50
5	1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	50





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Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

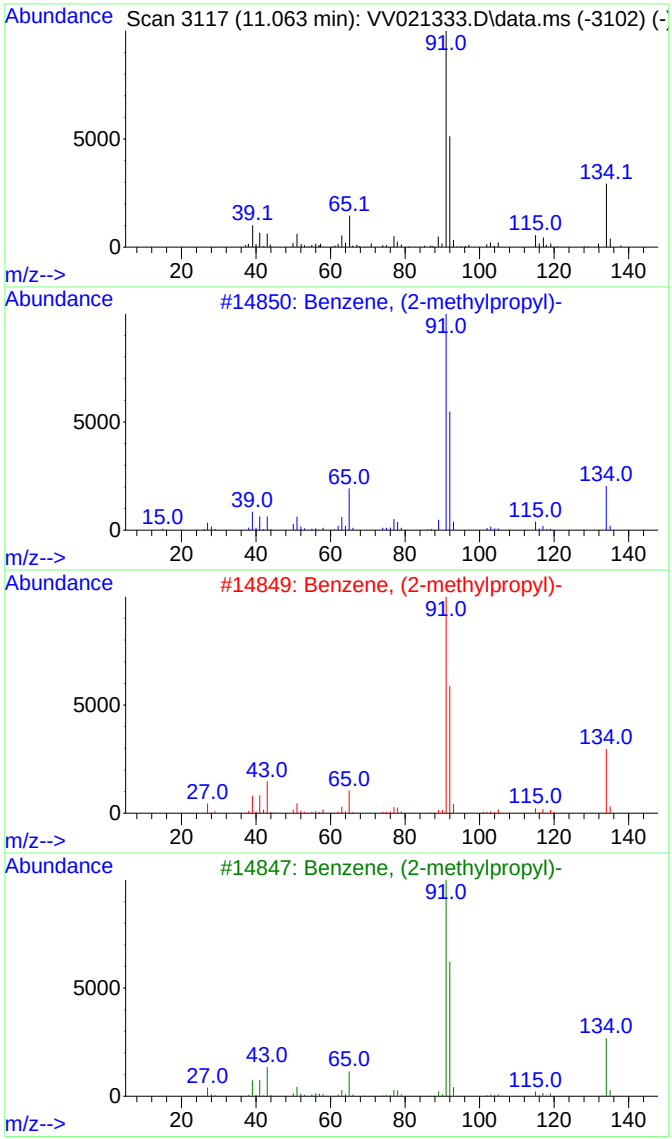
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

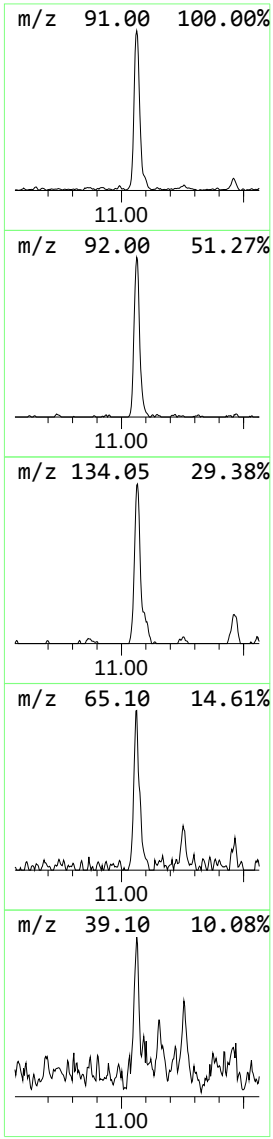
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, (2-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	7.49 ug/L	244228	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	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	86
4	Benzene, butyl-	134	C10H14	000104-51-8	83
5	Benzene, butyl-	134	C10H14	000104-51-8	80





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Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

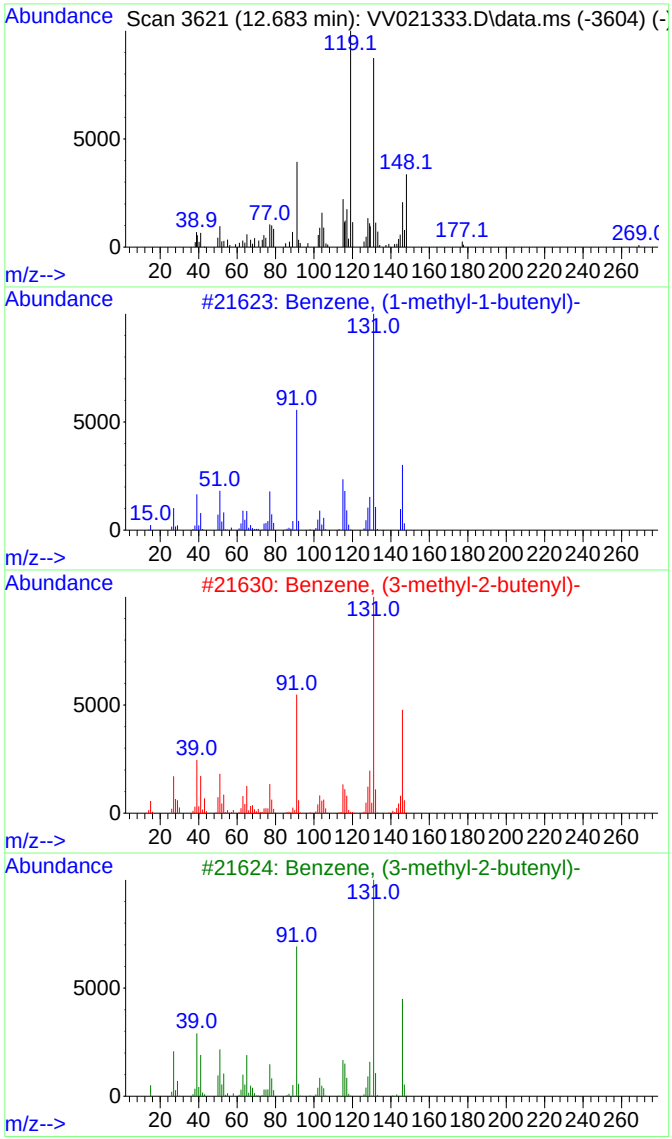
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

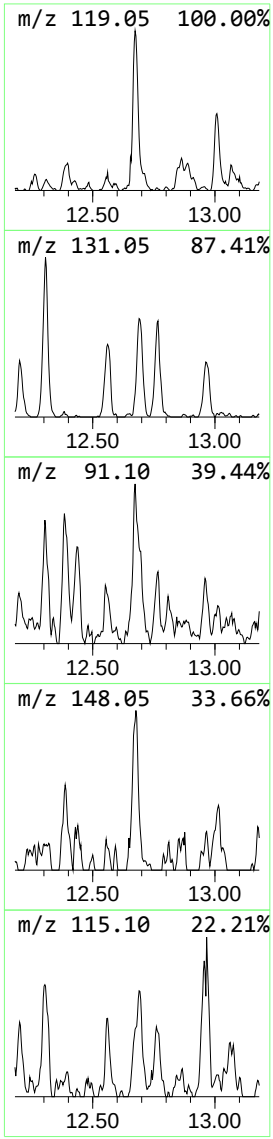
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, (1-methyl-1-butenyl)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.683	5.82 ug/L	189676	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	90
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	45





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Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

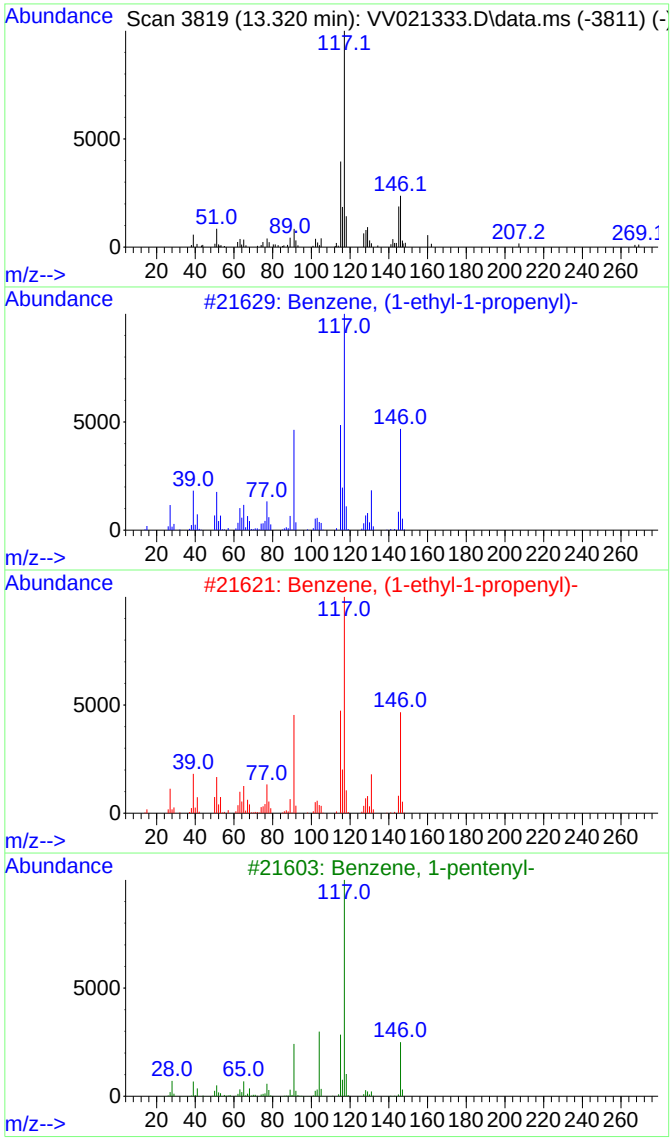
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

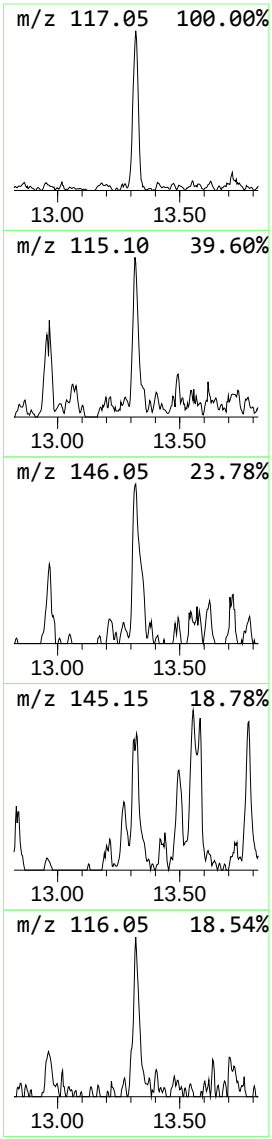
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.320	4.43 ug/L	144418	1,4-Dichlorobenzene-d4	11.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	87
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	86
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	72
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	72
5	Benzene, [(3-phenyl-2-propenyl)t...	226	C15H14S	010276-14-9	53





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Acq On : 07 May 2021 18:10
Operator : SY/MD
Sample : M2320-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F3A08

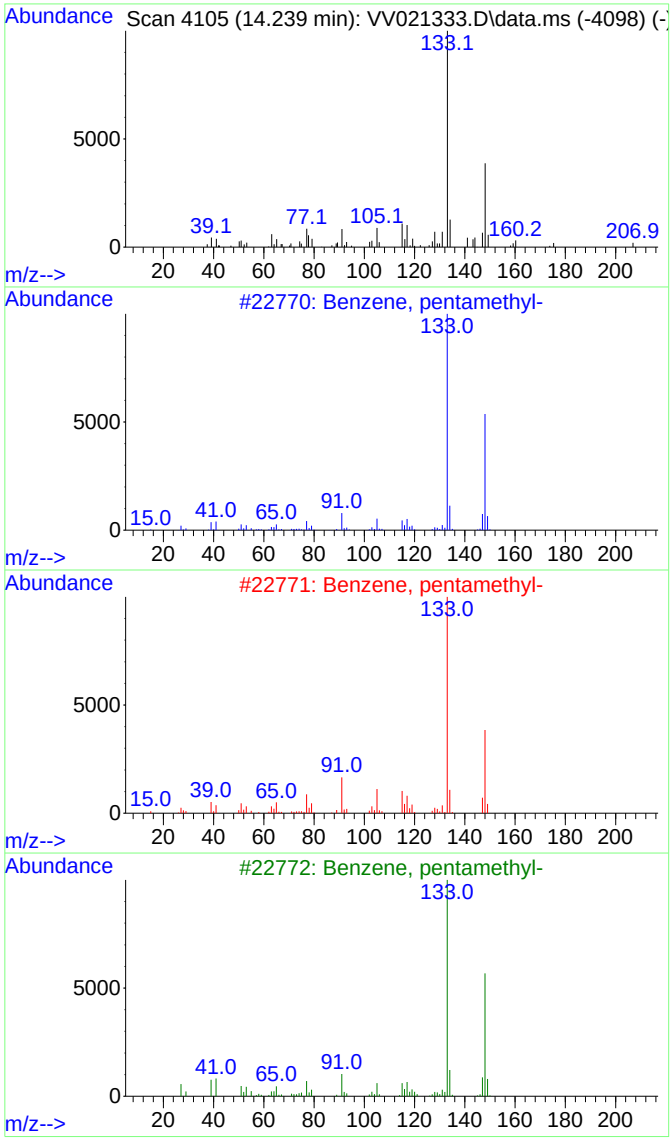
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis

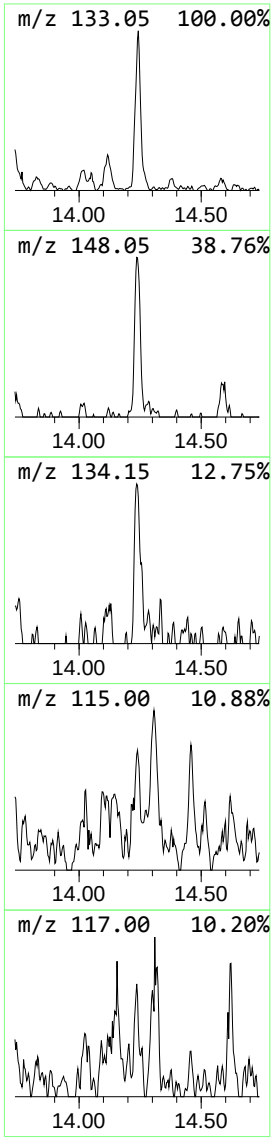
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, pentamethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	2.75 ug/L	89644	1,4-Dichlorobenzene-d4	11.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	87
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
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

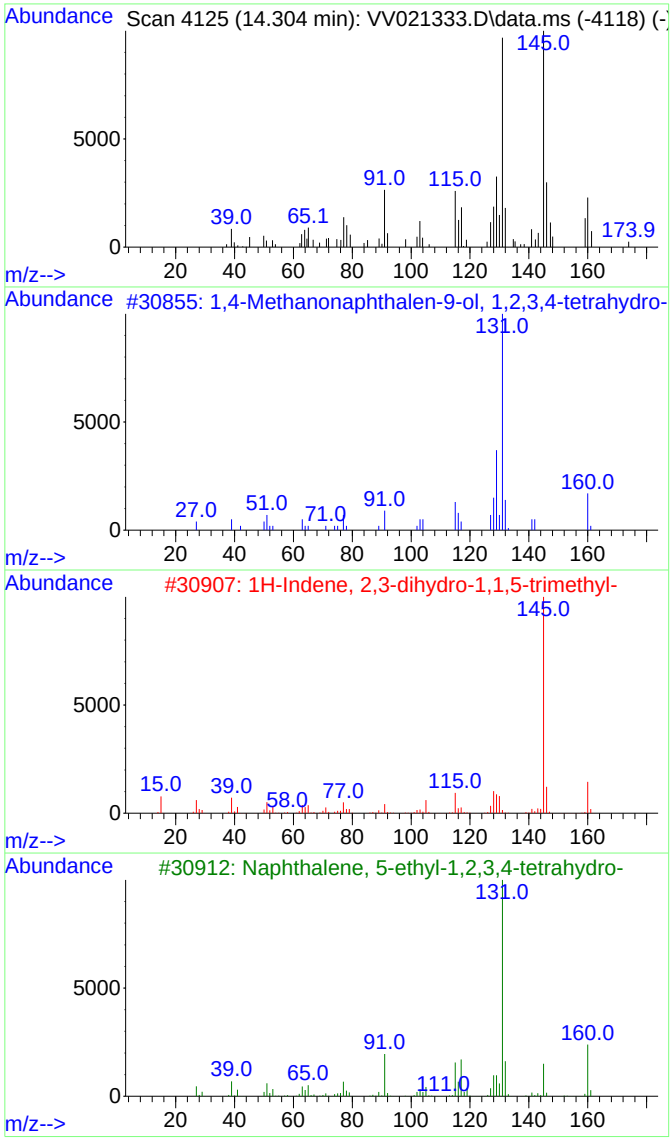
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

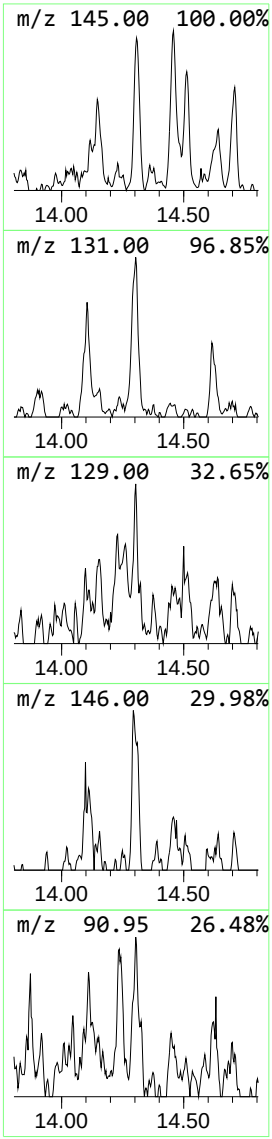
****

Peak Number 29 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	3.37 ug/L	109876	1,4-Dichlorobenzene-d4	11.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	45
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	43
3	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	43
4	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	43
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
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	6.6	ug/L	197687	1	5.619	1500350	50.0
(DEL) Alkane: S...	1.635	126.2	ug/L	3786990	1	5.619	1500350	50.0
(DEL) Alkane: S...	2.500	75.1	ug/L	2252600	1	5.619	1500350	50.0
(DEL) Alkane: S...	2.577	14.9	ug/L	445783	1	5.619	1500350	50.0
2-Propanol, 2-m...	2.674	3.1	ug/L	91798	1	5.619	1500350	50.0
(DEL) Alkane: S...	3.275	3.0	ug/L	91298	1	5.619	1500350	50.0
(DEL) Alkane: S...	3.545	10.2	ug/L	305388	1	5.619	1500350	50.0
(DEL) Alkane: S...	3.671	34.2	ug/L	1025560	1	5.619	1500350	50.0
(DEL) Alkane: S...	4.767	101.9	ug/L	3056910	1	5.619	1500350	50.0
(DEL) Alkane: C...	4.950	14.7	ug/L	442107	1	5.619	1500350	50.0
(DEL) Alkane: C...	5.182	27.8	ug/L	833935	1	5.619	1500350	50.0
(DEL) Alkane: S...	5.236	62.5	ug/L	1874560	1	5.619	1500350	50.0
(DEL) Alkane: S...	6.204	10.9	ug/L	328152	1	5.619	1500350	50.0
(DEL) Alkane: S...	6.262	13.1	ug/L	393353	1	5.619	1500350	50.0
(DEL) Alkane: C...	6.465	10.4	ug/L	312699	1	5.619	1500350	50.0
(DEL) Alkane: S...	6.658	45.7	ug/L	1370010	1	5.619	1500350	50.0
(DEL) Alkane: S...	6.780	40.3	ug/L	1208870	1	5.619	1500350	50.0
(DEL) Alkane: C...	7.268	17.3	ug/L	505497	2	8.857	1457220	50.0
(DEL) Alkane: C...	7.442	3.4	ug/L	98515	2	8.857	1457220	50.0
unknown-01	7.490	3.9	ug/L	112863	2	8.857	1457220	50.0
(DEL) Alkane: C...	7.793	5.8	ug/L	170640	2	8.857	1457220	50.0
5,5-Dimethyl-1,...	7.847	16.0	ug/L	465749	2	8.857	1457220	50.0
Cyclopropane, 1...	8.519	5.6	ug/L	164301	2	8.857	1457220	50.0
Benzene, (2-met...	11.063	7.5	ug/L	244228	3	11.256	1630580	50.0
Benzene, (1-met...	12.683	5.8	ug/L	189676	3	11.256	1630580	50.0
Benzene, (1-eth...	13.320	4.4	ug/L	144418	3	11.256	1630580	50.0
Benzene, pentam...	14.239	2.8	ug/L	89644	3	11.256	1630580	50.0
unknown-02	14.304	3.4	ug/L	109876	3	11.256	1630580	50.0