

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041621\
 Data File : VV021047.D
 Acq On : 16 Apr 2021 15:02
 Operator : SY/MD
 Sample : M2067-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG7A0

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\SFAMVLM041421WMA.M

Title : VOC Analysis

Signal : TIC: VV021047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.111	15	22	38	rBV	188726	186607	0.03%	0.021%
2	1.217	50	55	65	rBV2	20346	19727	0.00%	0.002%
3	1.310	74	84	105	rVB4	274594	359834	0.06%	0.040%
4	1.420	113	118	129	rVB	15606	18698	0.00%	0.002%
5	1.571	157	165	177	rVV	127181	159172	0.03%	0.018%
6	1.635	178	185	201	rVB	65928	84003	0.01%	0.009%
7	1.767	221	226	233	rBV2	24144	28548	0.00%	0.003%
8	1.812	234	240	253	rVB6	27761	46060	0.01%	0.005%
9	1.982	288	293	300	rVB4	8847	11412	0.00%	0.001%
10	2.117	322	335	356	rBV4	772611	1300195	0.21%	0.144%
11	2.297	384	391	398	rVB3	2371	3998	0.00%	0.000%
12	2.352	402	408	415	rVB6	1801	2305	0.00%	0.000%
13	2.452	429	439	445	rBV9	4592	9536	0.00%	0.001%
14	2.535	447	465	475	rBV	125872	239246	0.04%	0.026%
15	2.767	520	537	559	rBV3	321227	701818	0.11%	0.078%
16	2.960	582	597	609	rBV6	8457	20552	0.00%	0.002%
17	3.047	609	624	649	rVV	918559	1836192	0.30%	0.203%
18	3.278	692	696	700	rBV5	1004	925	0.00%	0.000%
19	3.320	704	709	714	rVB5	729	719	0.00%	0.000%
20	3.461	744	753	758	rBV7	2417	4325	0.00%	0.000%
21	3.513	765	769	772	rBV3	796	689	0.00%	0.000%
22	3.770	831	849	870	rBV3	244189	627146	0.10%	0.069%
23	3.915	878	894	930	rBV2	775966	1983827	0.32%	0.220%
24	4.262	998	1002	1005	rVB4	952	765	0.00%	0.000%
25	4.281	1005	1008	1011	rBV5	1038	661	0.00%	0.000%
26	4.355	1013	1031	1060	rBV	271998	691033	0.11%	0.076%
27	4.612	1109	1111	1119	rVB4	1072	934	0.00%	0.000%
28	4.677	1119	1131	1134	rBV7	5752	8654	0.00%	0.001%
29	4.915	1199	1205	1208	rBV3	2328	2741	0.00%	0.000%
30	5.056	1228	1249	1254	rBV2	605419	1431890	0.23%	0.158%
31	5.104	1256	1264	1297	rVB	2174027	4684659	0.75%	0.519%
32	5.378	1342	1349	1364	rVB10	8537	19112	0.00%	0.002%
33	5.500	1383	1387	1399	rVB5	2249	3376	0.00%	0.000%
34	5.567	1405	1408	1411	rBV4	1292	1095	0.00%	0.000%
35	5.625	1414	1426	1452	rBV	443152	927168	0.15%	0.103%
36	5.947	1497	1526	1556	rBV4	100795690	257165951	41.35%	28.464%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Title : VOC Analysis

37	6.082	1559	1568	1600	rVB	364590	789349	0.13%	0.087%
38	6.619	1732	1735	1739	rBV4	945	894	0.00%	0.000%
39	6.767	1778	1781	1787	rVB	5210	3529	0.00%	0.000%
40	6.805	1787	1793	1795	rBV3	892	851	0.00%	0.000%
41	6.931	1829	1832	1836	rVB4	1101	738	0.00%	0.000%
42	6.992	1839	1851	1874	rBV	224209	402271	0.06%	0.045%
43	7.091	1879	1882	1885	rBV4	1933	1713	0.00%	0.000%
44	7.262	1933	1935	1940	rVB4	1416	814	0.00%	0.000%
45	7.323	1942	1954	1969	rVV	750982	1332235	0.21%	0.147%
46	7.400	1970	1978	1997	rVB2	69406	134383	0.02%	0.015%
47	7.538	2018	2021	2026	rBV6	2327	1892	0.00%	0.000%
48	7.628	2039	2049	2073	rBV	153766	274443	0.04%	0.030%
49	7.802	2100	2103	2107	rBV4	856	880	0.00%	0.000%
50	7.863	2119	2122	2126	rBV4	745	673	0.00%	0.000%
51	8.040	2142	2177	2189	rBV9	161799525	621966701	100.00%	68.842%
52	8.098	2190	2195	2229	rVB	535146	1039145	0.17%	0.115%
53	8.860	2420	2432	2461	rBV	735125	1197370	0.19%	0.133%
54	9.027	2477	2484	2486	rBV6	5636	6132	0.00%	0.001%
55	9.149	2509	2522	2537	rVB9	11776	31579	0.01%	0.003%
56	9.294	2564	2567	2569	rBV3	790	582	0.00%	0.000%
57	9.554	2639	2648	2667	rVB2	33286	54560	0.01%	0.006%
58	9.648	2675	2677	2683	rVB3	1018	635	0.00%	0.000%
59	9.902	2754	2756	2761	rVB2	892	607	0.00%	0.000%
60	9.943	2767	2769	2776	rVV5	1101	1122	0.00%	0.000%
61	10.130	2819	2827	2829	rBV6	3181	3818	0.00%	0.000%
62	10.223	2844	2856	2869	rBV	582512	905728	0.15%	0.100%
63	10.390	2900	2908	2918	rVB3	6428	9108	0.00%	0.001%
64	10.551	2955	2958	2964	rBV4	975	1061	0.00%	0.000%
65	10.583	2965	2968	2972	rVB4	1392	938	0.00%	0.000%
66	10.635	2982	2984	2987	rBV3	880	615	0.00%	0.000%
67	10.699	2996	3004	3007	rBV7	2134	2374	0.00%	0.000%
68	10.799	3031	3035	3037	rBV2	1057	637	0.00%	0.000%
69	10.850	3048	3051	3052	rVV3	1203	617	0.00%	0.000%
70	10.863	3052	3055	3060	rVB4	2651	2105	0.00%	0.000%
71	10.927	3065	3075	3083	rBV7	3463	5097	0.00%	0.001%
72	11.156	3139	3146	3152	rBV6	1857	3083	0.00%	0.000%
73	11.255	3165	3177	3198	rBV	797262	1231329	0.20%	0.136%
74	11.397	3218	3221	3225	rVB4	1490	1096	0.00%	0.000%
75	11.432	3228	3232	3241	rVB8	2177	3141	0.00%	0.000%
76	11.631	3281	3294	3315	rBV	938939	1450742	0.23%	0.161%

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 Title : VOC Analysis

77	11.982	3400	3403	3410	rBV4	855	866	0.00%	0.000%
78	12.049	3419	3424	3427	rBV3	884	840	0.00%	0.000%
79	12.104	3438	3441	3444	rVV5	1217	852	0.00%	0.000%
80	12.133	3447	3450	3455	rVV4	762	695	0.00%	0.000%
81	12.168	3455	3461	3464	rVB3	999	972	0.00%	0.000%
82	12.197	3464	3470	3472	rBV3	903	774	0.00%	0.000%
83	12.262	3480	3490	3493	rBV3	1523	2044	0.00%	0.000%
84	12.345	3510	3516	3517	rBV2	1153	1064	0.00%	0.000%
85	12.361	3517	3521	3528	rVB7	2433	2679	0.00%	0.000%
86	12.500	3560	3564	3569	rVB3	964	920	0.00%	0.000%
87	12.541	3569	3577	3579	rBV4	735	786	0.00%	0.000%
88	12.741	3637	3639	3645	rVB2	666	585	0.00%	0.000%
89	12.943	3699	3702	3706	rBV3	890	884	0.00%	0.000%
90	13.037	3728	3731	3733	rBV2	1098	633	0.00%	0.000%
91	13.403	3840	3845	3849	rBV5	1174	1090	0.00%	0.000%
92	13.525	3877	3883	3886	rBV4	1090	1072	0.00%	0.000%
93	13.596	3900	3905	3907	rBV3	875	740	0.00%	0.000%
94	13.815	3967	3973	3977	rBV4	878	903	0.00%	0.000%
95	14.316	4125	4129	4134	rBV2	1116	932	0.00%	0.000%
96	14.943	4319	4324	4326	rBV5	710	686	0.00%	0.000%
97	14.975	4330	4334	4339	rBV6	1364	1505	0.00%	0.000%
98	15.287	4428	4431	4434	rBV	1060	764	0.00%	0.000%
99	15.329	4440	4444	4446	rBV3	1309	1084	0.00%	0.000%
100	15.499	4491	4497	4499	rBV5	1615	1569	0.00%	0.000%

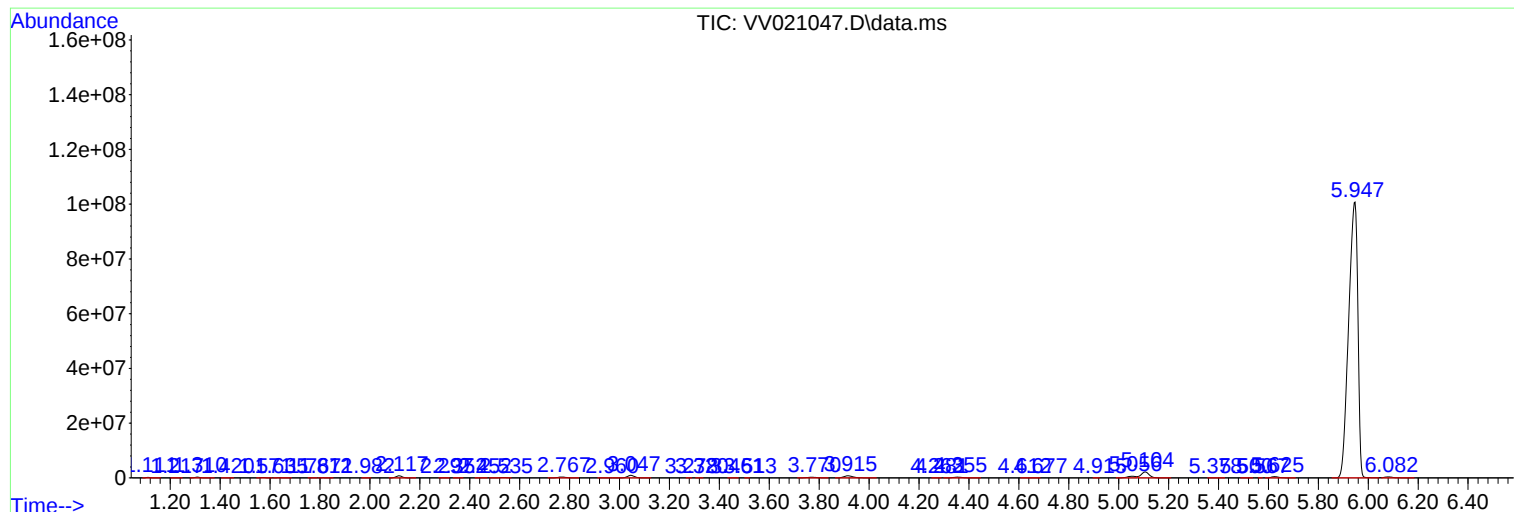
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Instrument :
MSVOA_V
ClientSampleId :
BG7A0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041621\
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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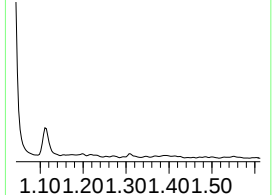
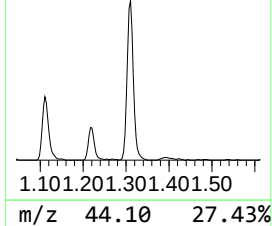
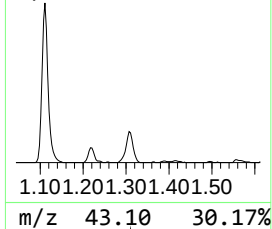
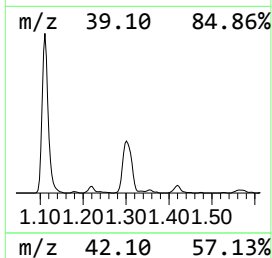
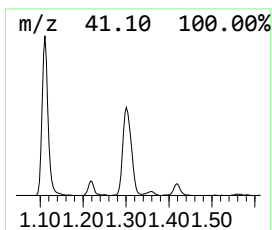
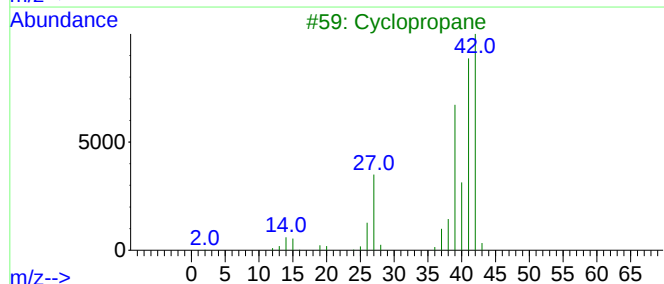
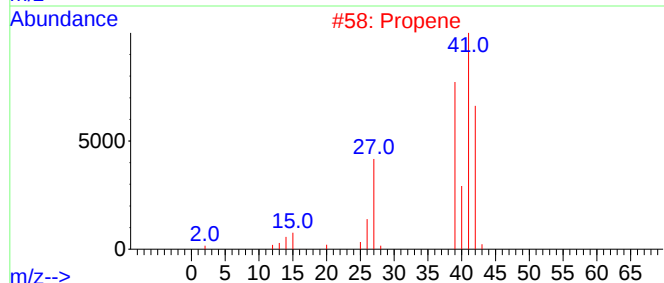
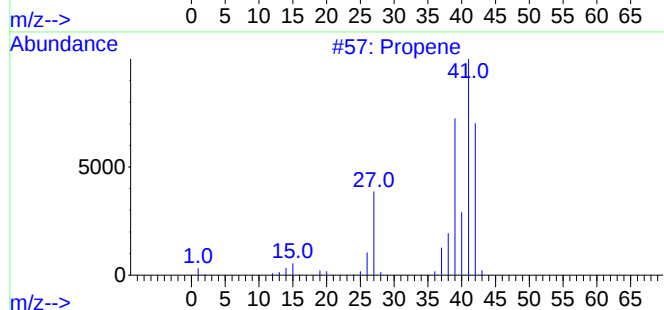
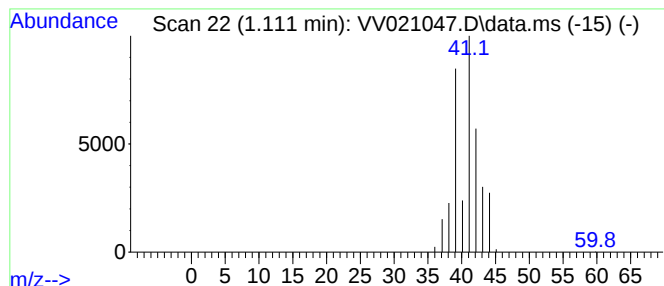
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.111	10.06 ug/L	186607	1,4-Difluorobenzene	5.625

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Propene	42	C3H6	000115-07-1	42
3			Cyclopropane	42	C3H6	000075-19-4	10
4			Cyclopropane	42	C3H6	000075-19-4	7
5			Cyclopropene	40	C3H4	002781-85-3	5



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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
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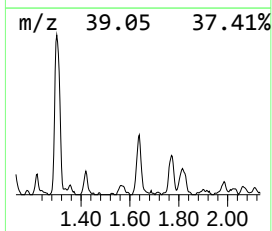
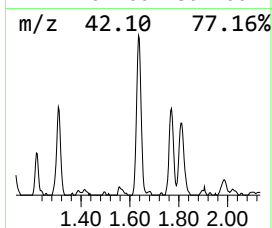
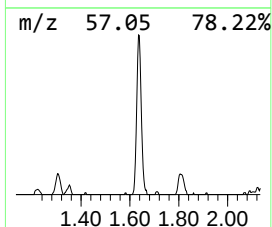
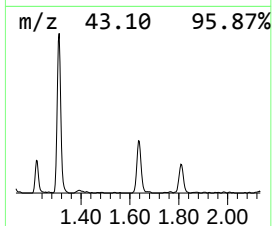
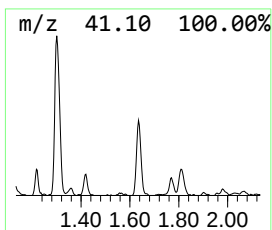
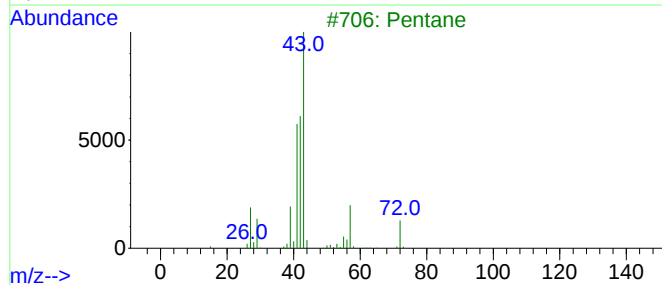
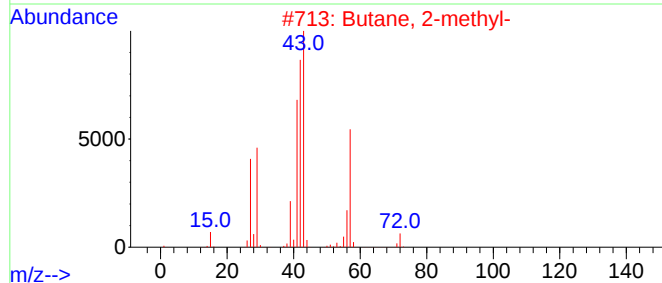
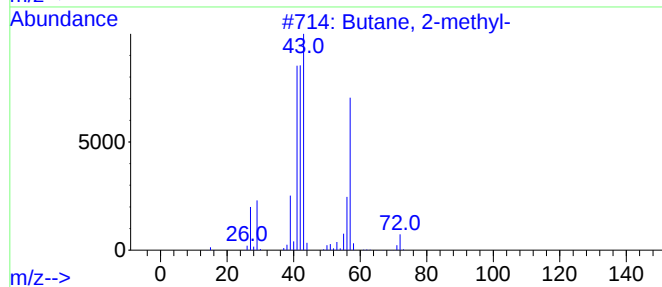
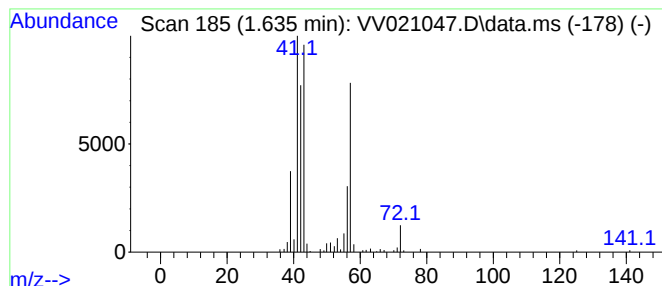
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.635	4.53 ug/L	84003	1,4-Difluorobenzene	5.625

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	86
3	Pentane			72	C5H12	000109-66-0	53
4	Pentane			72	C5H12	000109-66-0	42
5	1-Hexene			84	C6H12	000592-41-6	28



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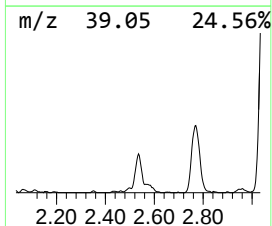
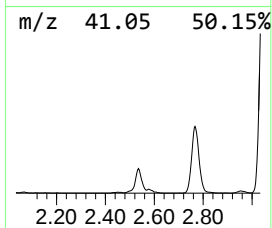
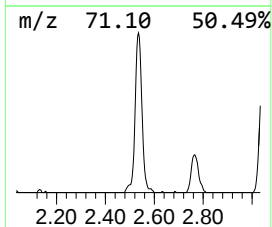
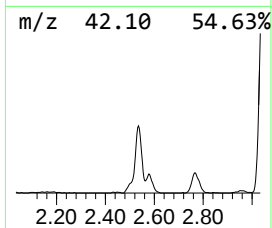
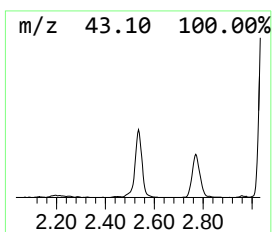
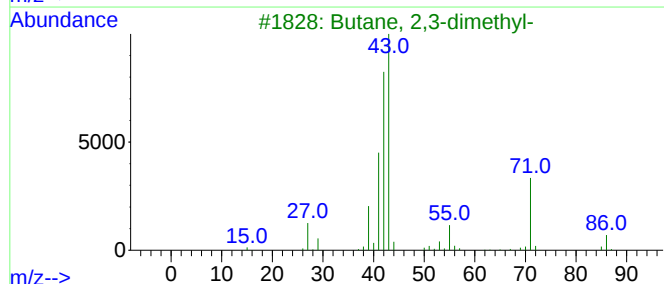
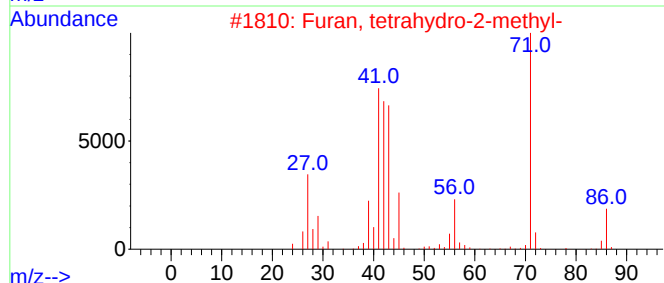
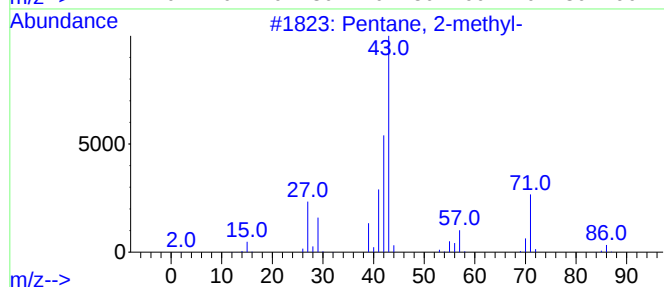
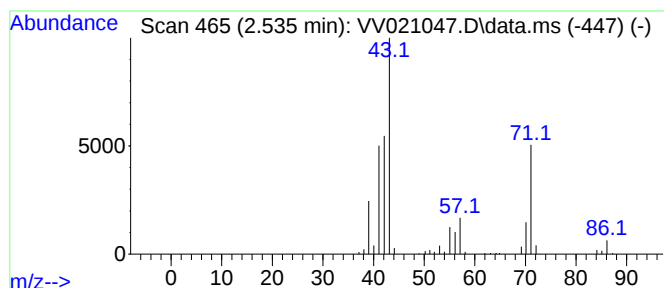
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.535	12.90 ug/L	239246	1,4-Difluorobenzene	5.625

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2		Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	47
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
4		Pentane, 2-methyl-	86	C6H14	000107-83-5	38
5		Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041621\
Data File : VV021047.D
Acq On : 16 Apr 2021 15:02
Operator : SY/MD
Sample : M2067-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG7A0

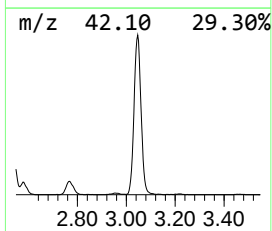
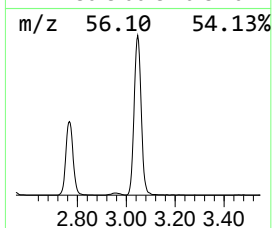
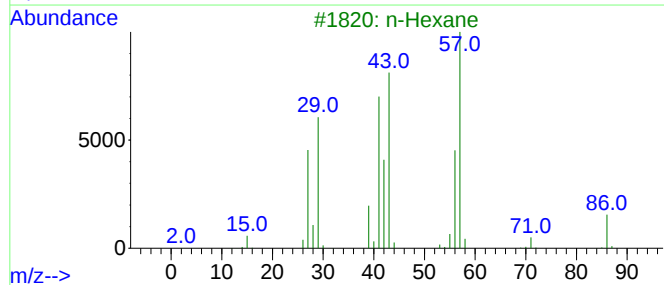
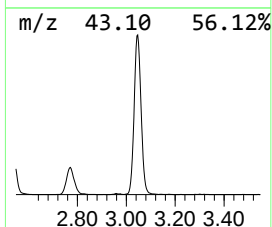
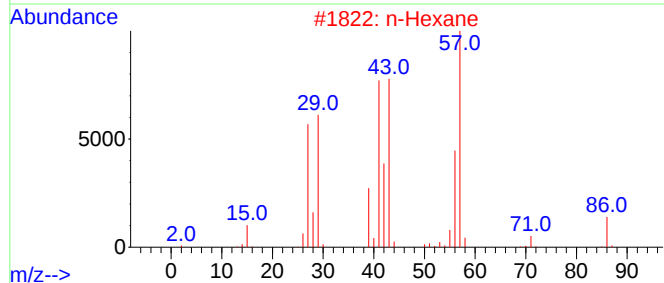
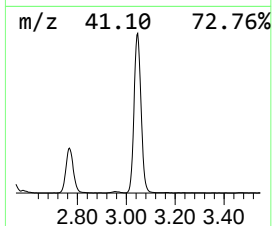
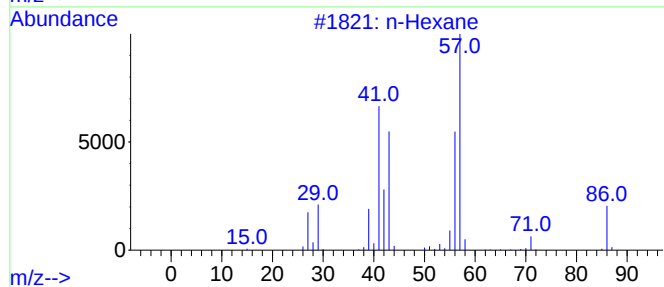
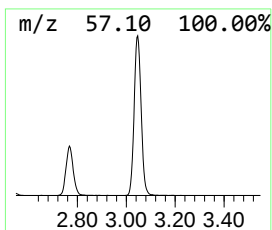
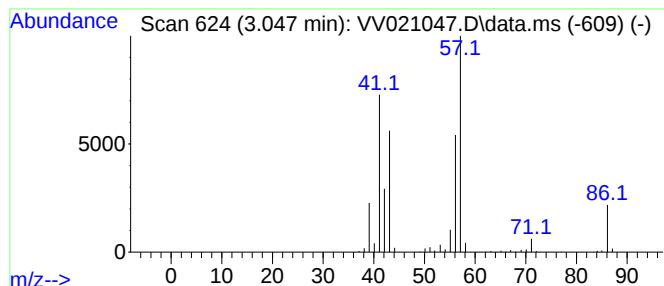
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.047	99.02 ug/L	1836190	1,4-Difluorobenzene	5.625

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	94
2	n-Hexane			86	C6H14	000110-54-3	72
3	n-Hexane			86	C6H14	000110-54-3	72
4	Furan, tetrahydro-3-methyl-			86	C5H10O	013423-15-9	50
5	Pentane, 3-methyl-			86	C6H14	000096-14-0	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041621\
Data File : VV021047.D
Acq On : 16 Apr 2021 15:02
Operator : SY/MD
Sample : M2067-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG7A0

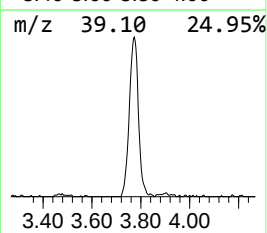
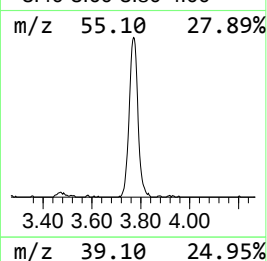
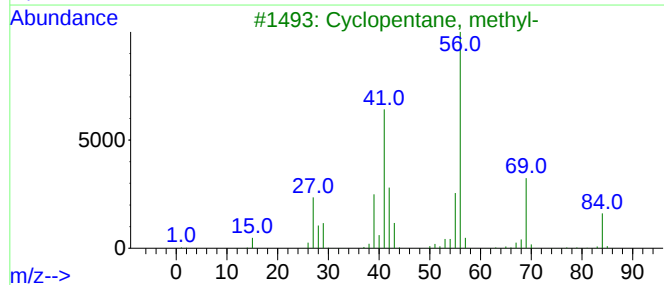
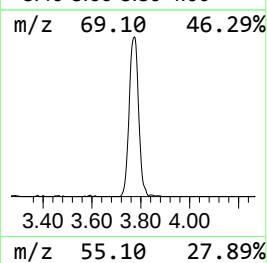
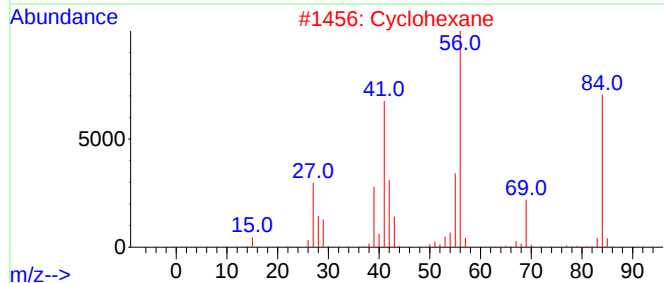
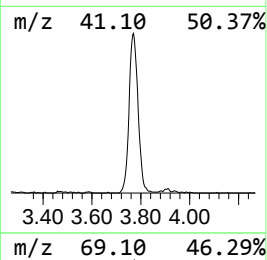
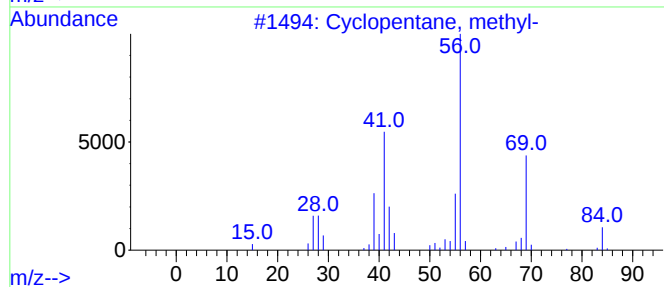
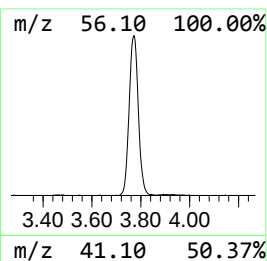
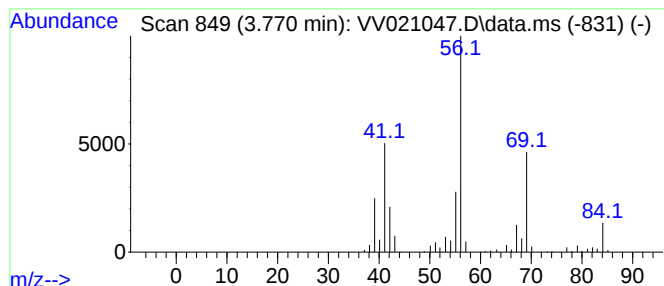
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic3.770 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.770	33.82 ug/L	627146	1,4-Difluorobenzene	5.625

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2			Cyclohexane	84	C6H12	000110-82-7	86
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
5			Cyclohexane	84	C6H12	000110-82-7	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041621\
Data File : VV021047.D
Acq On : 16 Apr 2021 15:02
Operator : SY/MD
Sample : M2067-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG7A0

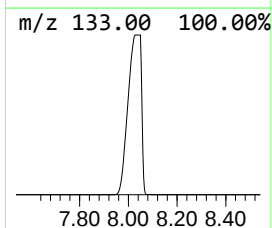
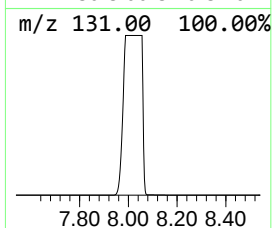
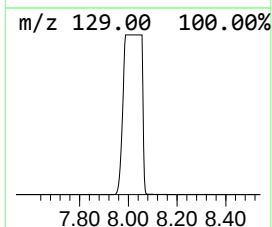
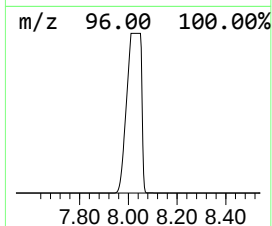
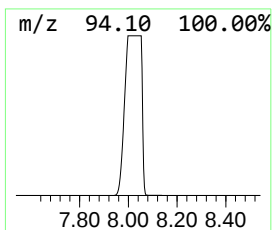
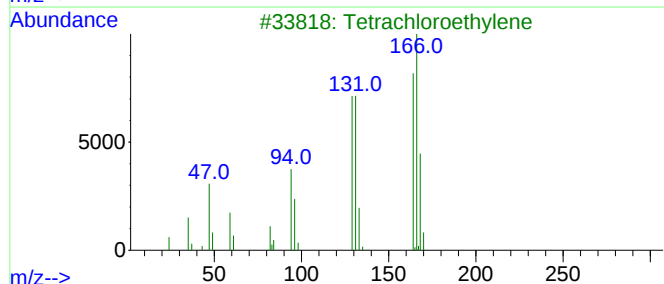
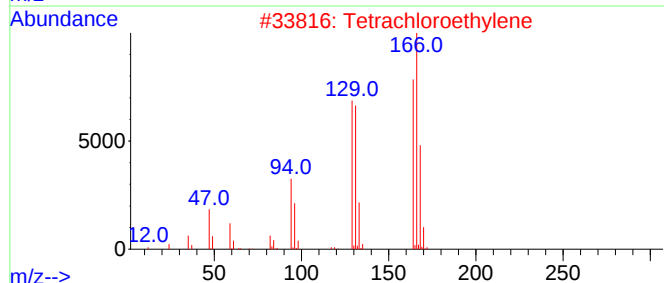
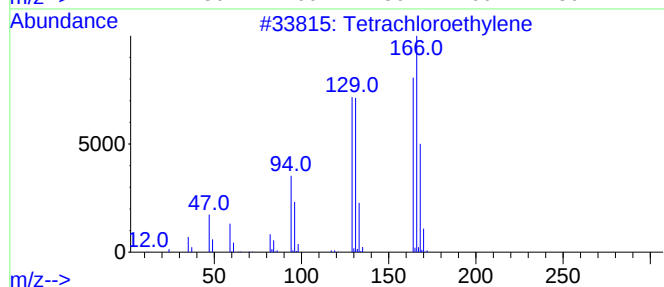
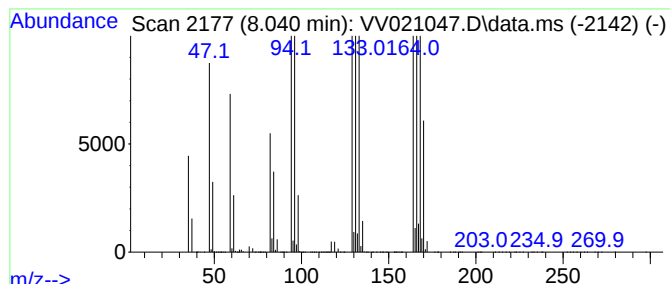
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.040	25972.20 ug/L	621967000	Chlorobenzene-d5	8.860

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrachloroethylene	164	C2Cl4	000127-18-4	94
2			Tetrachloroethylene	164	C2Cl4	000127-18-4	91
3			Tetrachloroethylene	164	C2Cl4	000127-18-4	81
4			Tetrachloroethylene	164	C2Cl4	000127-18-4	58
5			2-Chloroquinoxaline	164	C8H5ClN2	001448-87-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041621\
Data File : VV021047.D
Acq On : 16 Apr 2021 15:02
Operator : SY/MD
Sample : M2067-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG7A0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.111	10.1	ug/L	186607	1	5.625	927168	50.0
(DEL) Alkane: S...	1.635	4.5	ug/L	84003	1	5.625	927168	50.0
(DEL) Alkane: S...	2.535	12.9	ug/L	239246	1	5.625	927168	50.0
(DEL) Alkane: S...	3.047	99.0	ug/L	1836190	1	5.625	927168	50.0
(DEL) Alkane: C...	3.770	33.8	ug/L	627146	1	5.625	927168	50.0
Tetrachloroethy...	8.040	25972.2	ug/L	621967000	2	8.860	1197370	50.0