

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
 Data File : VV020046.D
 Acq On : 18 Jan 2021 16:18
 Operator : SY/MD
 Sample : M1147-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Y7

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\SOMVLM011121WMA.M

Title : VOC Analysis

Signal : TIC: VV020046.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.110	3	6	18	rVB2	36061	32438	0.40%	0.122%
2	1.216	34	39	45	rBV4	9739	10908	0.14%	0.041%
3	1.309	60	68	81	rVB	224690	233128	2.89%	0.875%
4	1.383	86	91	97	rBV	11270	11932	0.15%	0.045%
5	1.566	141	148	162	rVV	194012	219992	2.73%	0.826%
6	1.634	164	169	181	rVB2	9294	12376	0.15%	0.046%
7	1.804	217	222	231	rVB4	9592	12716	0.16%	0.048%
8	2.110	303	317	331	rBV	403371	612681	7.60%	2.299%
9	2.290	369	373	382	rVV3	3141	4954	0.06%	0.019%
10	2.441	414	420	422	rBV4	1498	1276	0.02%	0.005%
11	2.531	428	448	471	rVV	481872	919027	11.41%	3.449%
12	2.762	503	520	546	rBV	853286	1683765	20.90%	6.319%
13	2.952	574	579	582	rBV6	1764	1928	0.02%	0.007%
14	3.042	589	607	635	rBV	4131982	8057249	100.00%	30.236%
15	3.659	788	799	800	rBV6	4947	5329	0.07%	0.020%
16	3.766	810	832	857	rBV	1384371	3443813	42.74%	12.923%
17	3.881	858	868	900	rBV2	82610	228550	2.84%	0.858%
18	4.348	998	1013	1039	rBV	216668	535269	6.64%	2.009%
19	4.675	1096	1115	1131	rBV6	31909	84553	1.05%	0.317%
20	4.766	1131	1143	1161	rVB3	19341	46274	0.57%	0.174%
21	4.910	1171	1188	1207	rBV4	27066	66221	0.82%	0.249%
22	5.045	1211	1230	1260	rBV2	588021	1524888	18.93%	5.722%
23	5.235	1281	1289	1308	rVB2	40171	95193	1.18%	0.357%
24	5.325	1308	1317	1325	rBV10	6525	12697	0.16%	0.048%
25	5.492	1357	1369	1388	rBV4	20775	50620	0.63%	0.190%
26	5.618	1396	1408	1442	rBV	304887	621596	7.71%	2.333%
27	5.907	1485	1498	1512	rBV3	23168	49639	0.62%	0.186%
28	5.984	1518	1522	1524	rBV4	1768	1460	0.02%	0.005%
29	6.071	1535	1549	1578	rBV	334785	727613	9.03%	2.730%
30	6.203	1581	1590	1598	rBV4	14427	26784	0.33%	0.101%
31	6.460	1658	1670	1685	rVB9	11755	27447	0.34%	0.103%
32	6.656	1710	1731	1749	rVB2	44834	100983	1.25%	0.379%
33	6.778	1753	1769	1780	rBV2	60632	126265	1.57%	0.474%
34	6.839	1781	1788	1799	rVB2	16269	26219	0.33%	0.098%
35	6.920	1805	1813	1820	rBV3	26979	44032	0.55%	0.165%
36	6.987	1825	1834	1855	rVB	189270	338835	4.21%	1.272%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Title : VOC Analysis

37	7.084	1856	1864	1872	rBV2	33779	53437	0.66%	0.201%
38	7.183	1886	1895	1905	rVB4	6059	11591	0.14%	0.043%
39	7.267	1907	1921	1927	rBV4	45245	88125	1.09%	0.331%
40	7.318	1927	1937	1965	rVB	750251	1283269	15.93%	4.816%
41	7.441	1968	1975	1982	rBV5	11236	17351	0.22%	0.065%
42	7.569	2008	2015	2023	rBV2	24368	34065	0.42%	0.128%
43	7.624	2023	2032	2055	rVB	112881	210837	2.62%	0.791%
44	7.788	2074	2083	2098	rVB3	20644	37512	0.47%	0.141%
45	7.878	2108	2111	2114	rBV4	2864	2715	0.03%	0.010%
46	7.981	2138	2143	2148	rBV7	3536	3772	0.05%	0.014%
47	8.013	2148	2153	2165	rVB2	7677	11882	0.15%	0.045%
48	8.090	2167	2177	2206	rBV2	326467	663138	8.23%	2.489%
49	8.357	2253	2260	2268	rBV3	9557	13752	0.17%	0.052%
50	8.515	2300	2309	2315	rVB8	3381	5532	0.07%	0.021%
51	8.576	2315	2328	2331	rBV3	8607	14532	0.18%	0.055%
52	8.669	2350	2357	2369	rVB3	33284	59015	0.73%	0.221%
53	8.794	2383	2396	2404	rBV	28452	50285	0.62%	0.189%
54	8.855	2405	2415	2435	rVV	450008	737395	9.15%	2.767%
55	9.209	2517	2525	2548	rVB5	27085	60654	0.75%	0.228%
56	9.322	2552	2560	2572	rVB9	4500	7573	0.09%	0.028%
57	9.479	2600	2609	2620	rBV9	12187	23495	0.29%	0.088%
58	9.585	2638	2642	2646	rVV6	3888	4093	0.05%	0.015%
59	9.682	2666	2672	2673	rBV3	4248	3553	0.04%	0.013%
60	9.807	2703	2711	2724	rBV9	12612	26047	0.32%	0.098%
61	10.222	2827	2840	2858	rVB	416390	656072	8.14%	2.462%
62	10.521	2925	2933	2942	rBV10	4699	8525	0.11%	0.032%
63	10.585	2947	2953	2968	rVB8	10118	20295	0.25%	0.076%
64	10.736	2992	3000	3006	rBV7	5813	9406	0.12%	0.035%
65	11.061	3088	3101	3106	rBV5	10136	18581	0.23%	0.070%
66	11.154	3124	3130	3138	rBV10	5300	9538	0.12%	0.036%
67	11.196	3140	3143	3150	rVV6	4869	6183	0.08%	0.023%
68	11.254	3150	3161	3183	rVV	550880	843878	10.47%	3.167%
69	11.556	3244	3255	3257	rBV2	19150	25244	0.31%	0.095%
70	11.630	3268	3278	3300	rVB	808011	1321597	16.40%	4.960%
71	11.752	3309	3316	3324	rBV6	5597	7732	0.10%	0.029%
72	11.830	3332	3340	3351	rVB	19759	30580	0.38%	0.115%
73	11.923	3360	3369	3373	rBV2	7492	12032	0.15%	0.045%
74	11.997	3386	3392	3394	rBV5	1518	1644	0.02%	0.006%
75	12.029	3395	3402	3407	rBV3	6244	9132	0.11%	0.034%
76	12.132	3422	3434	3439	rBV5	10200	18514	0.23%	0.069%

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Title : VOC Analysis

77	12.254	3462	3472	3483	rBV5	8689	22011	0.27%	0.083%
78	12.363	3499	3506	3507	rBV7	2776	3163	0.04%	0.012%
79	12.421	3517	3524	3535	rVB2	29357	46152	0.57%	0.173%
80	12.476	3535	3541	3552	rVB2	3547	5862	0.07%	0.022%
81	12.559	3558	3567	3576	rBV2	16523	24658	0.31%	0.093%
82	12.694	3592	3609	3617	rBV2	9642	25021	0.31%	0.094%
83	12.736	3617	3622	3636	rVB8	7492	12362	0.15%	0.046%
84	12.807	3637	3644	3649	rBV7	7125	9426	0.12%	0.035%
85	12.839	3651	3654	3656	rBV4	1930	1494	0.02%	0.006%
86	12.958	3686	3691	3701	rVB7	7080	10718	0.13%	0.040%
87	13.013	3701	3708	3715	rBV4	4635	7049	0.09%	0.026%
88	13.174	3750	3758	3766	rBV6	5278	8385	0.10%	0.031%
89	13.276	3783	3790	3797	rBV2	16989	23633	0.29%	0.089%
90	13.379	3817	3822	3826	rVB8	1955	2061	0.03%	0.008%
91	13.624	3891	3898	3903	rVB9	1748	2451	0.03%	0.009%
92	13.720	3923	3928	3932	rVV5	1693	1489	0.02%	0.006%
93	14.103	4041	4047	4049	rBV5	1548	1622	0.02%	0.006%
94	14.241	4083	4090	4100	rBV9	4253	6067	0.08%	0.023%
95	14.315	4107	4113	4117	rBV9	1771	1622	0.02%	0.006%
96	14.382	4131	4134	4141	rVB5	2319	2303	0.03%	0.009%
97	14.646	4210	4216	4221	rBV6	1396	1643	0.02%	0.006%
98	14.717	4235	4238	4241	rBV6	1762	1441	0.02%	0.005%
99	15.678	4531	4537	4544	rVV10	2178	3321	0.04%	0.012%
100	15.817	4573	4580	4583	rBV6	2350	2523	0.03%	0.009%

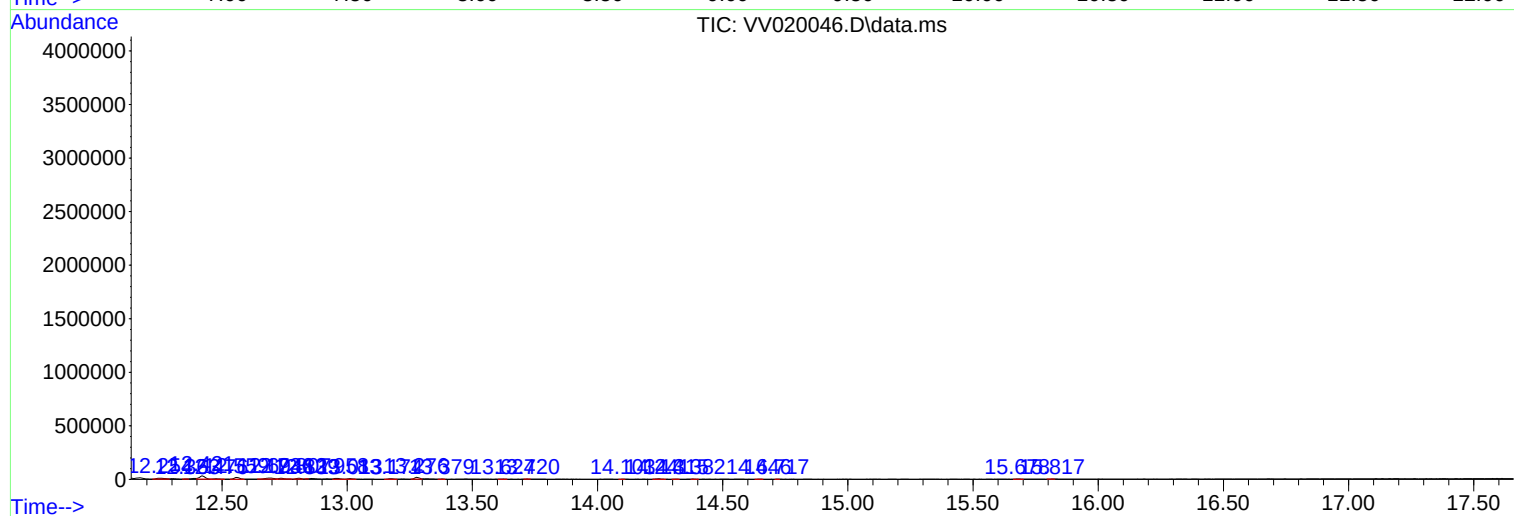
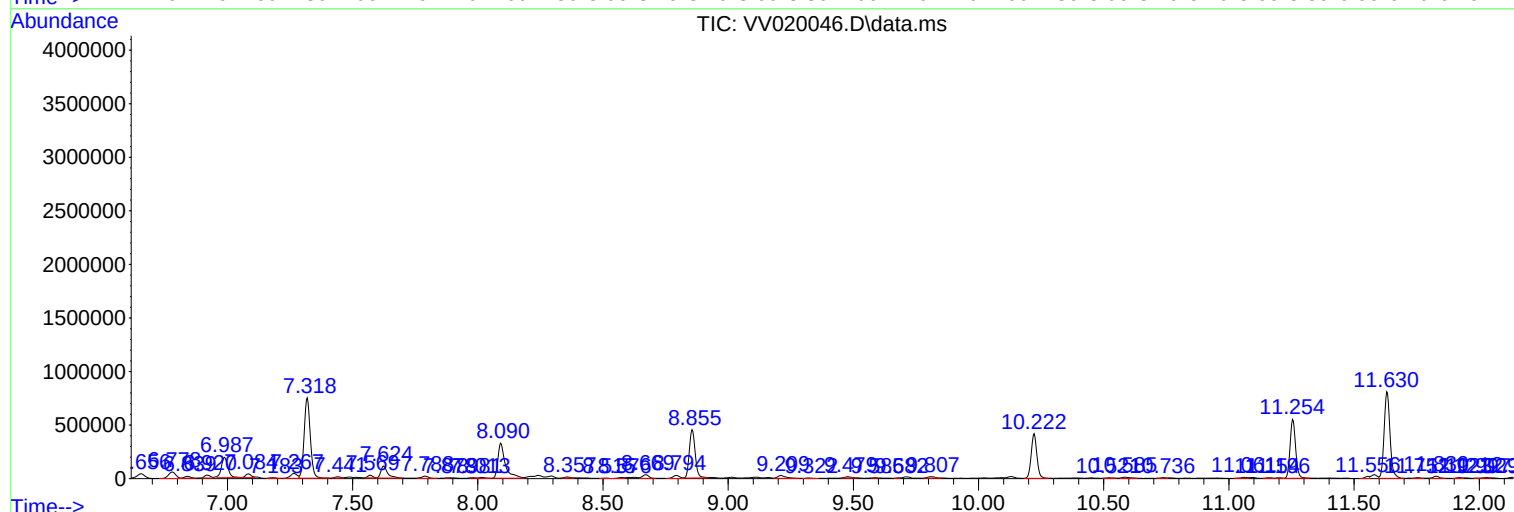
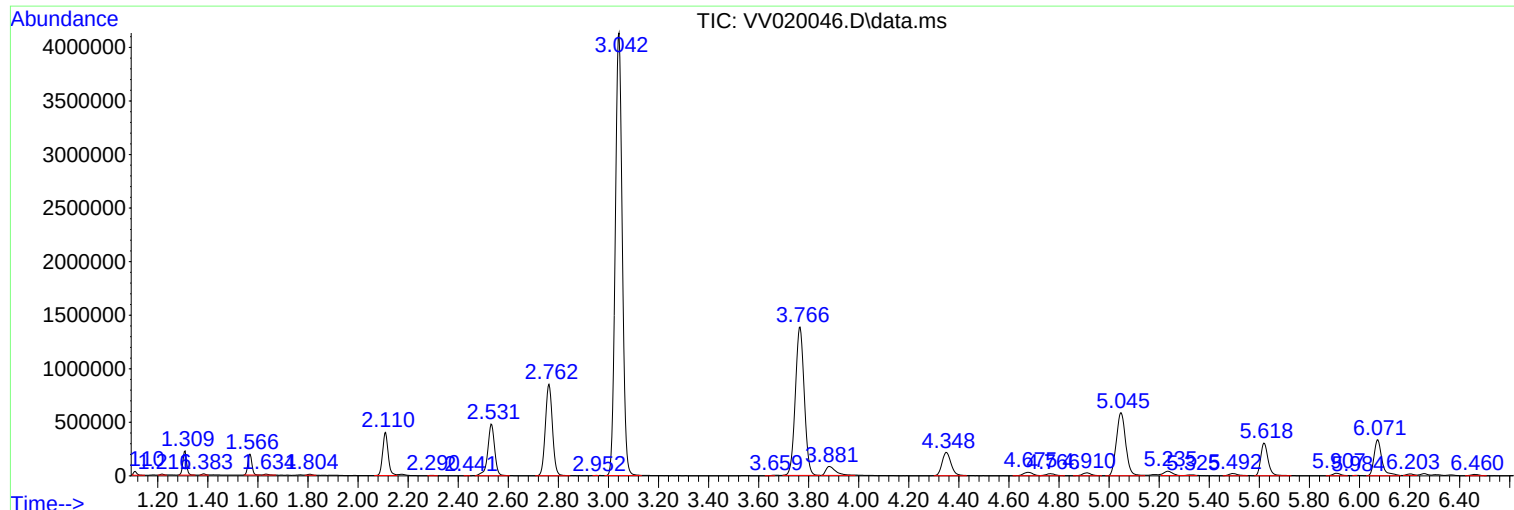
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Instrument :
MSVOA_V
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

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



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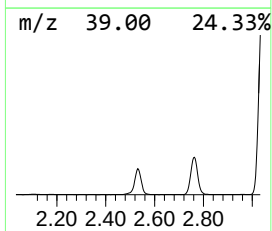
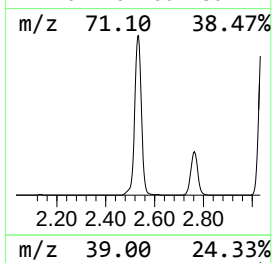
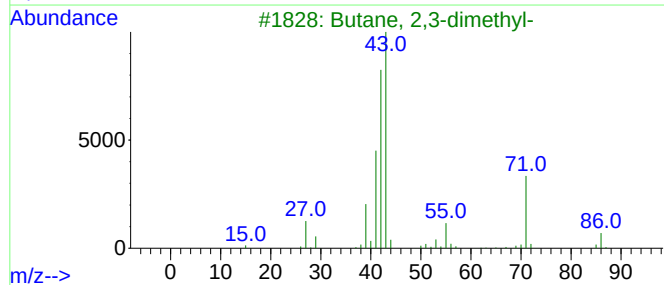
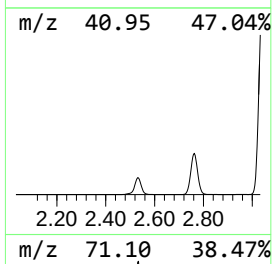
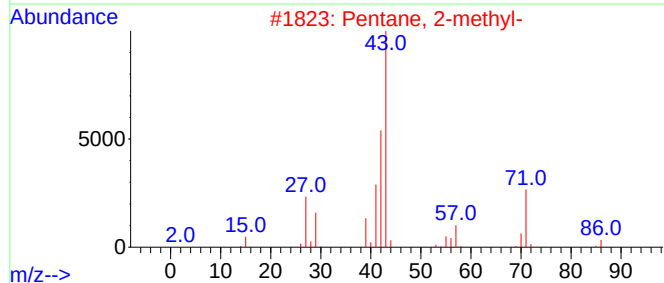
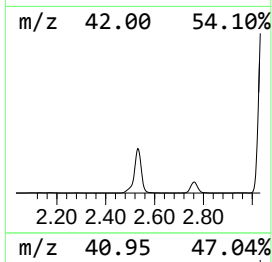
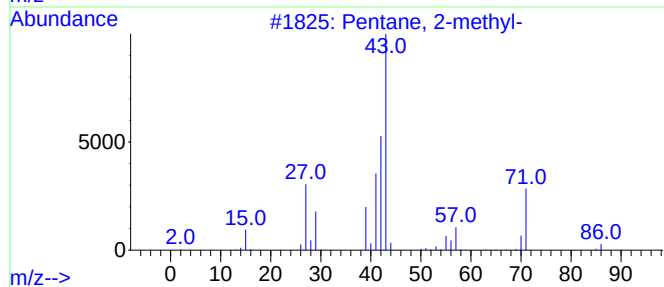
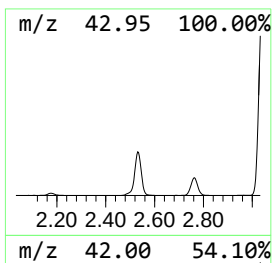
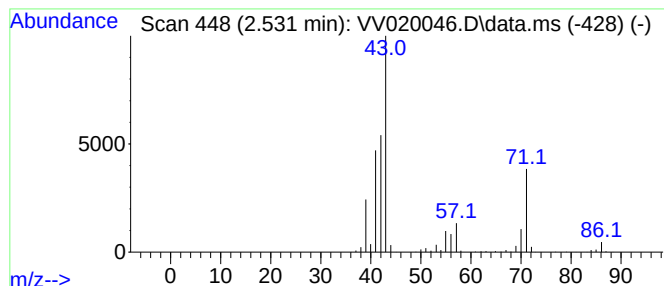
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.531	73.92 ug/L	919027	1,4-Difluorobenzene	5.618

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45



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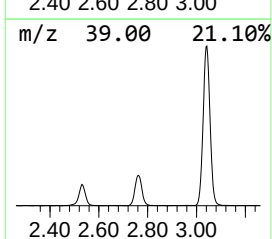
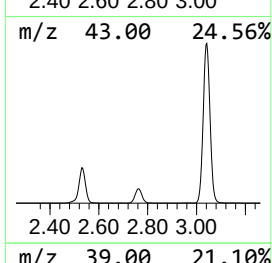
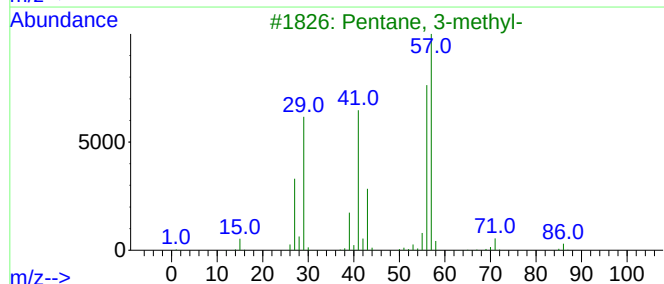
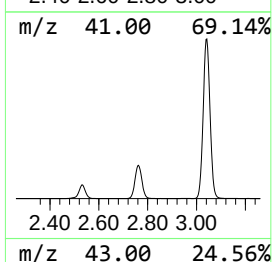
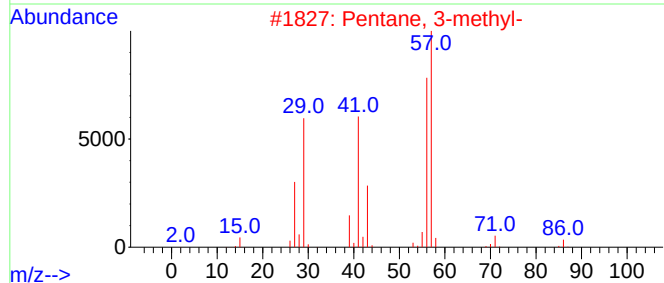
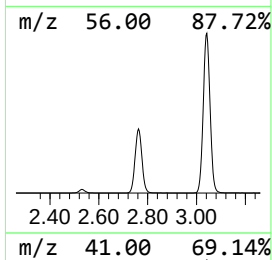
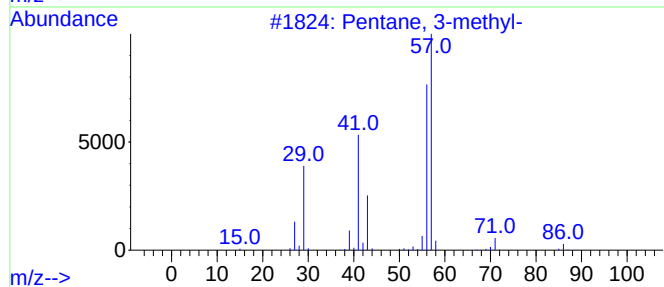
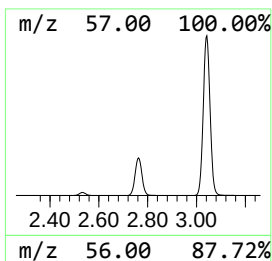
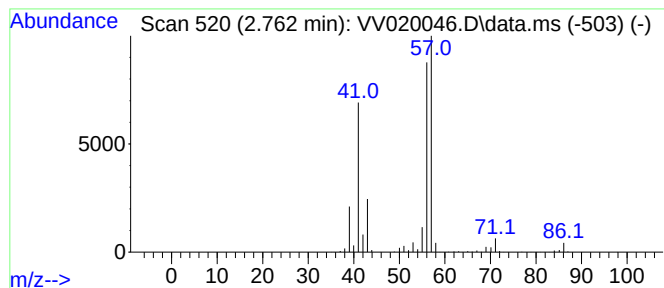
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Quant Title : VOC Analysis

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.
2.762	135.44 ug/L	1683770	1,4-Difluorobenzene	5.618

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2			Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3			Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50



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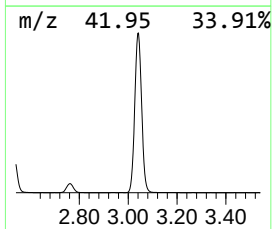
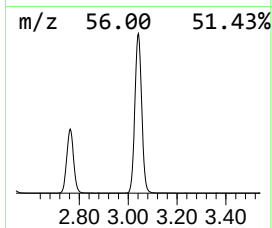
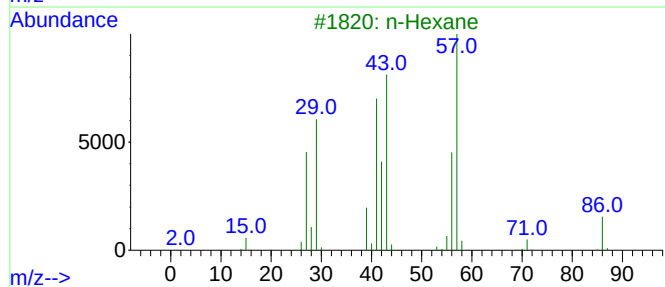
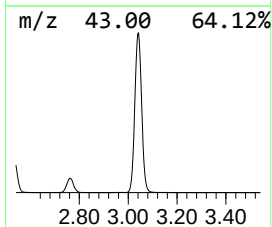
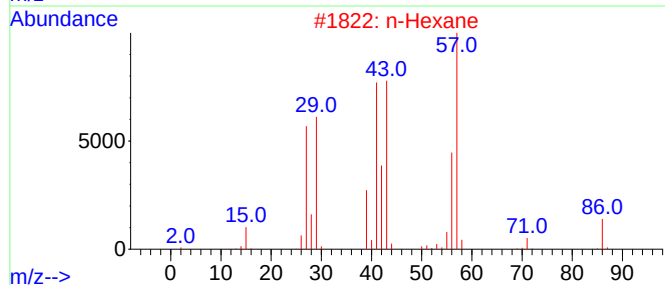
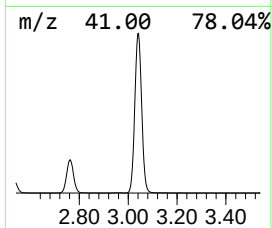
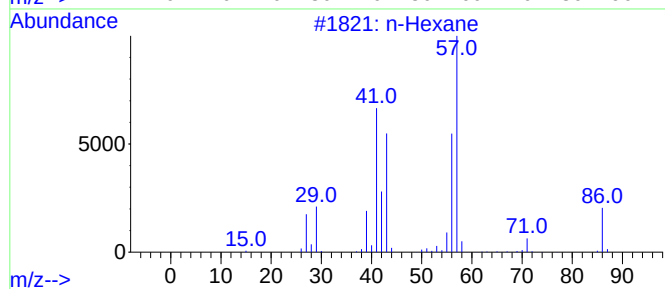
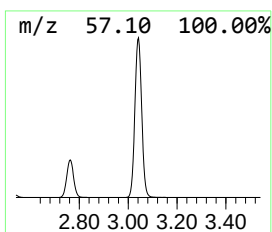
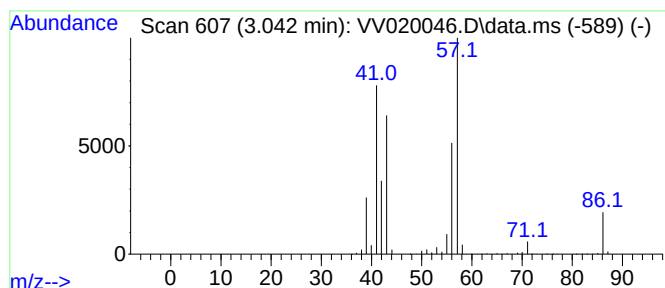
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.042	648.11 ug/L	8057250	1,4-Difluorobenzene	5.618

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	64
3	n-Hexane			86	C6H14	000110-54-3	59
4	Pentane, 2,2,3,4-tetramethyl-			128	C9H20	001186-53-4	38
5	Propanal, 2,2-dimethyl-			86	C5H10O	000630-19-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y7

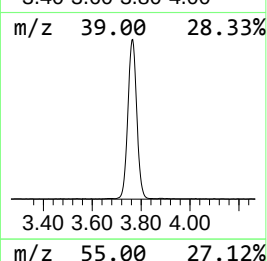
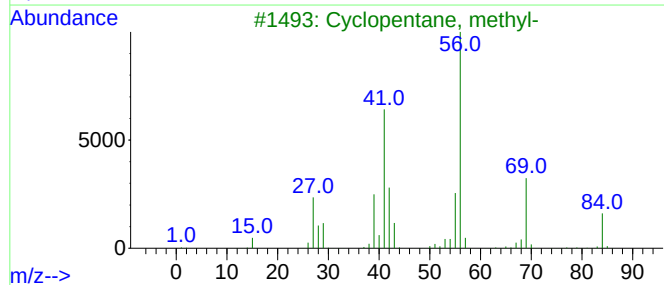
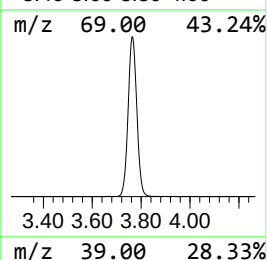
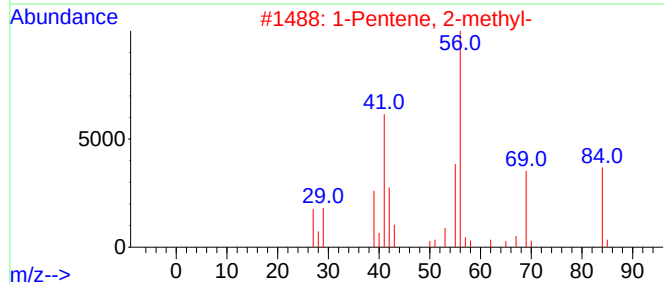
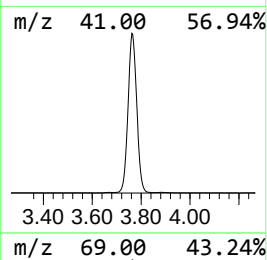
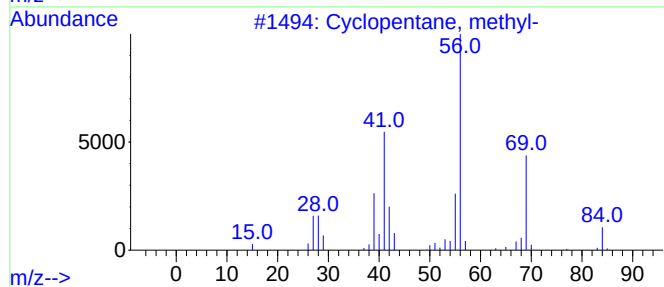
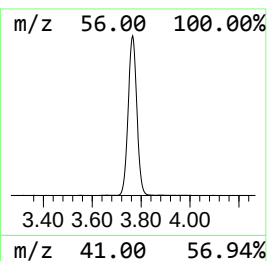
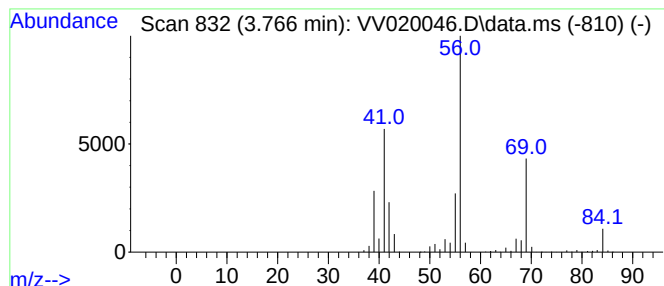
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic3.766 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.766	277.01 ug/L	3443810	1,4-Difluorobenzene	5.618

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y7

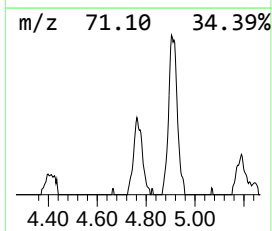
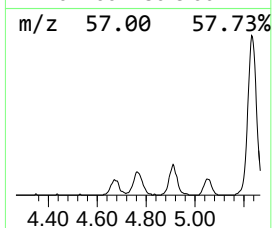
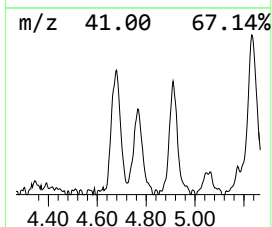
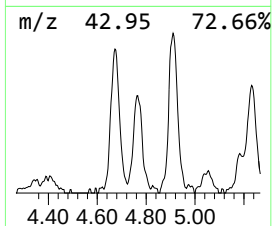
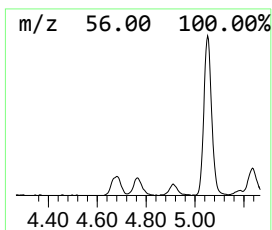
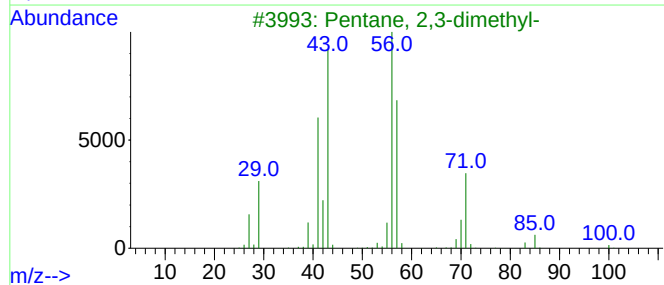
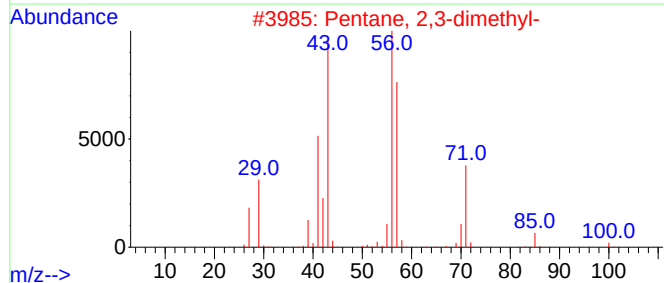
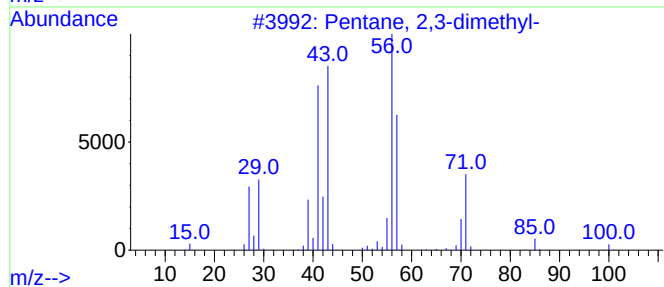
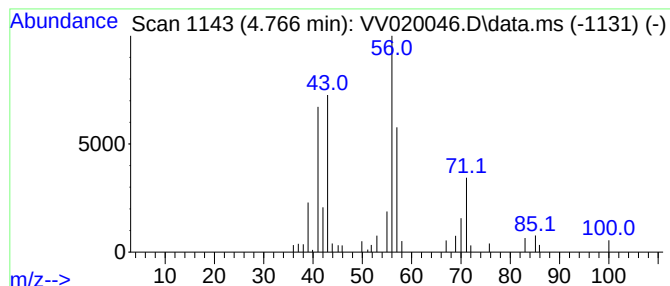
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.766	3.72 ug/L	46274	1,4-Difluorobenzene	5.618

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	56
5		Aziridine, 2-methyl-	57	C3H7N	000075-55-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y7

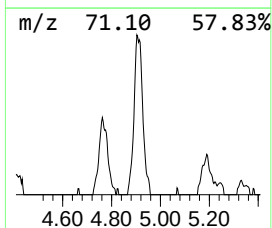
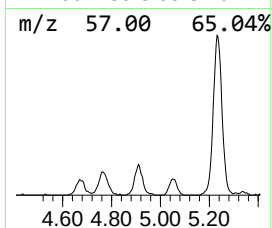
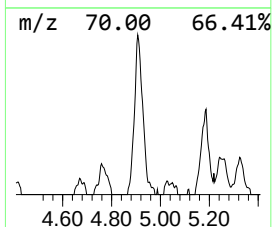
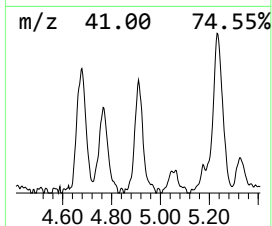
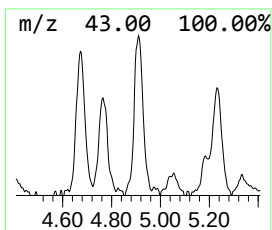
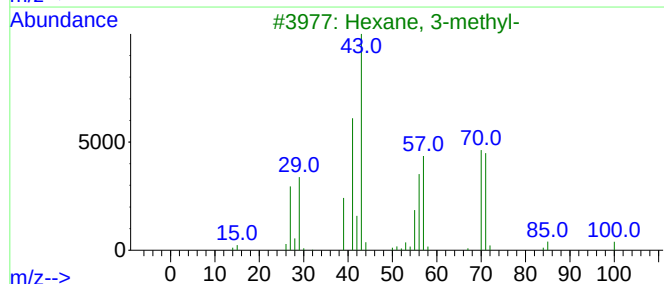
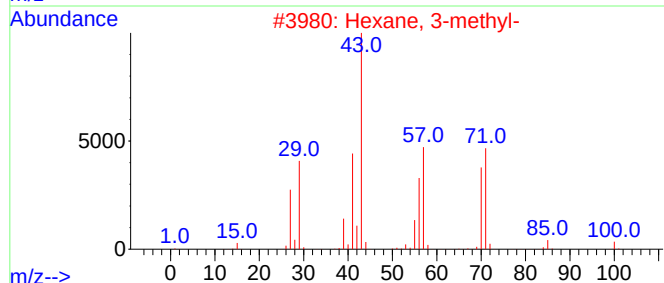
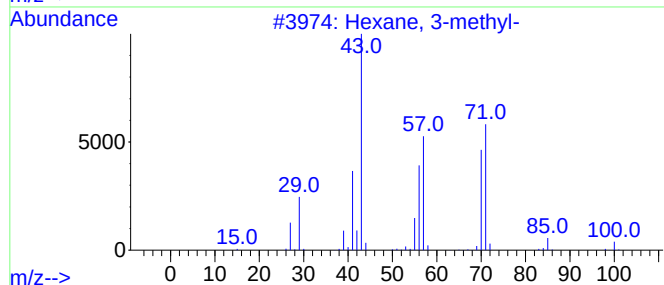
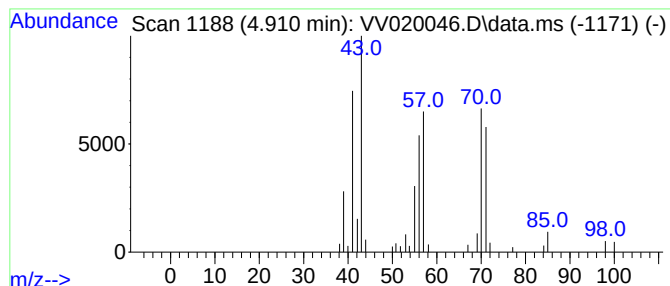
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.910	5.33 ug/L	66221	1,4-Difluorobenzene	5.618

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	81
4			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	72
5			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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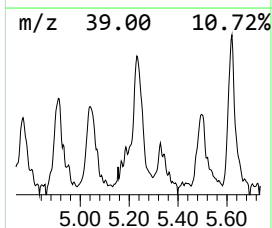
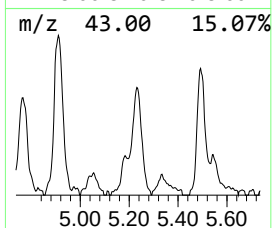
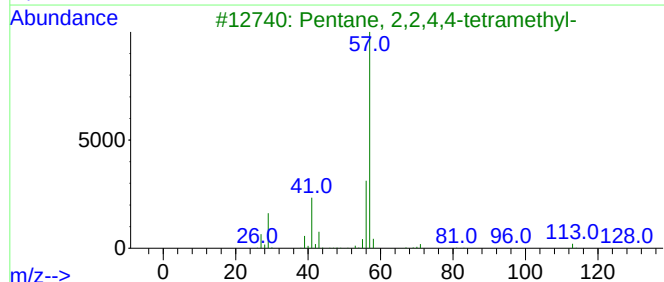
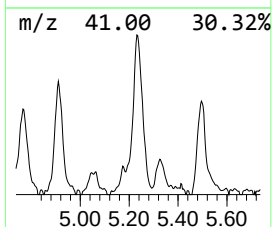
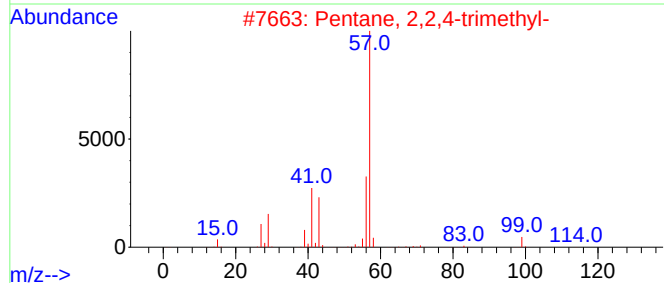
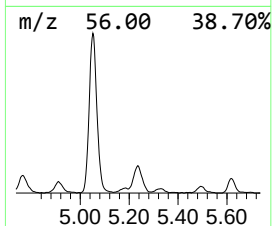
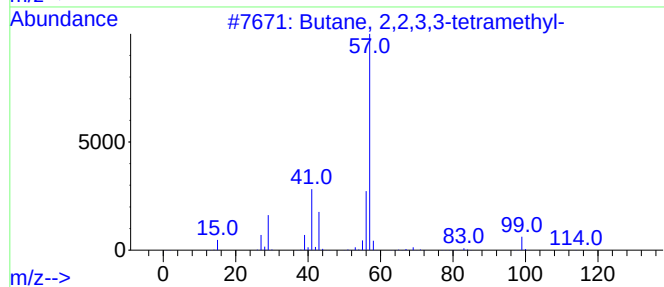
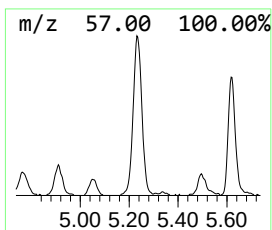
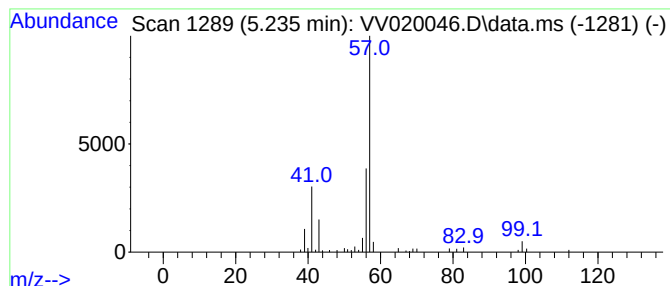
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.235	7.66 ug/L	95193	1,4-Difluorobenzene	5.618

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-trimethyl-	114	C8H18	000540-84-1	72
3			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	64
4			Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	59
5			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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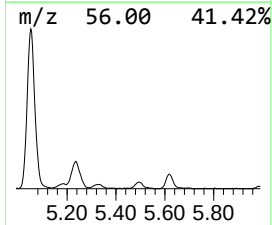
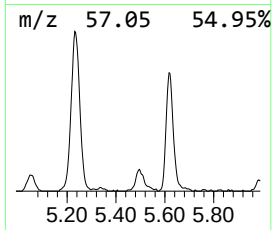
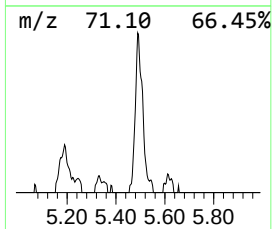
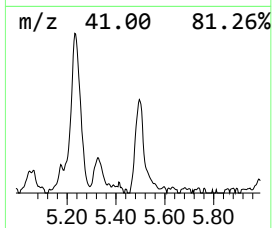
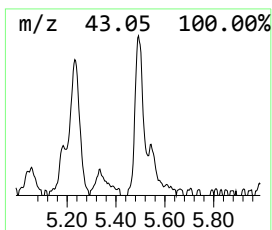
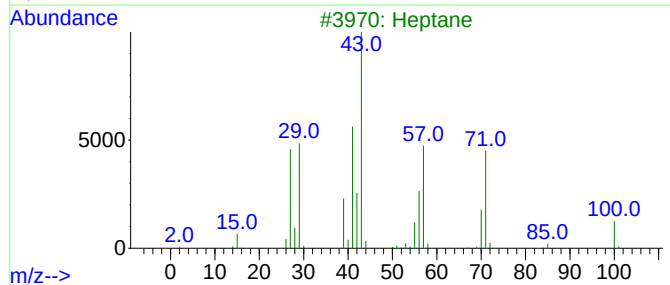
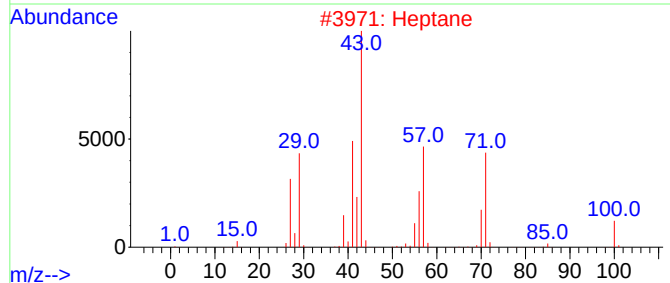
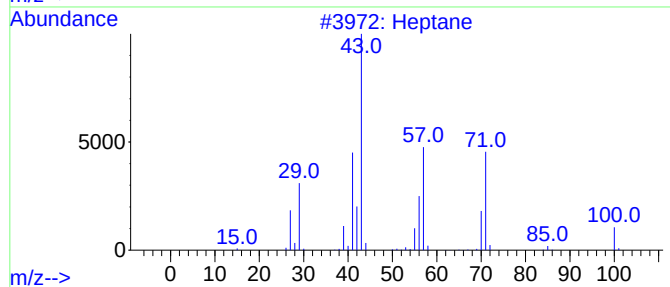
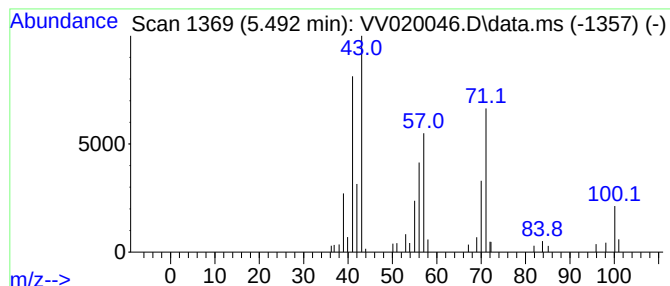
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.492	4.07 ug/L	50620	1,4-Difluorobenzene	5.618

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	80
2	Heptane			100	C7H16	000142-82-5	72
3	Heptane			100	C7H16	000142-82-5	72
4	Heptane			100	C7H16	000142-82-5	59
5	2,2-Dimethylperhydro-1,3-oxazine			115	C6H13NO	073155-29-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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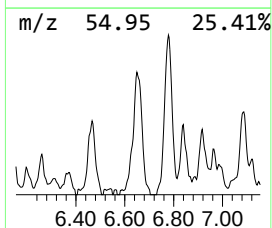
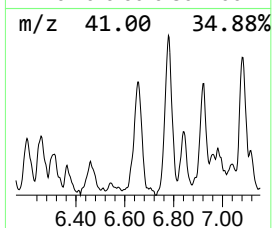
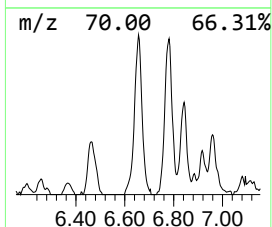
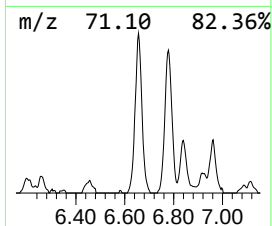
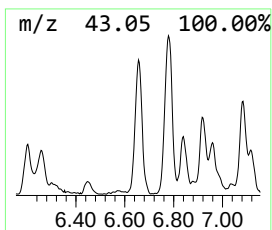
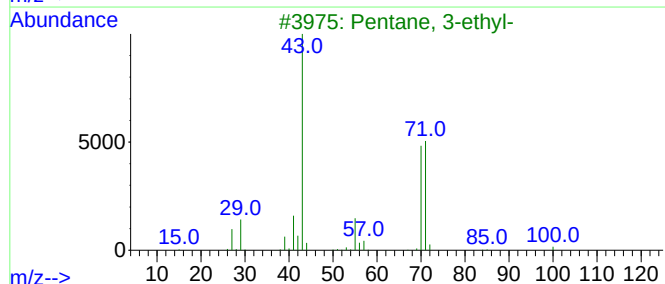
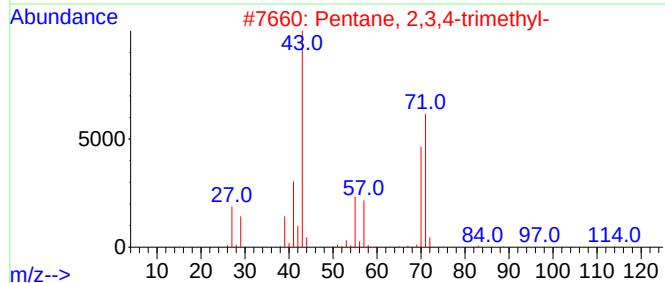
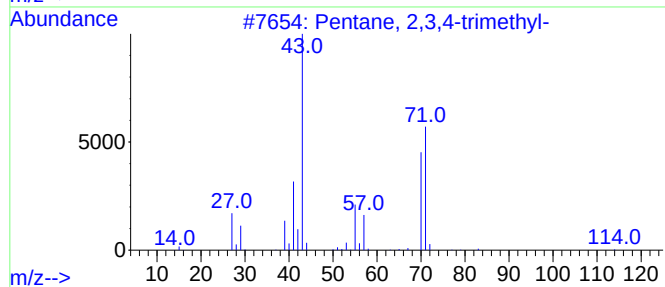
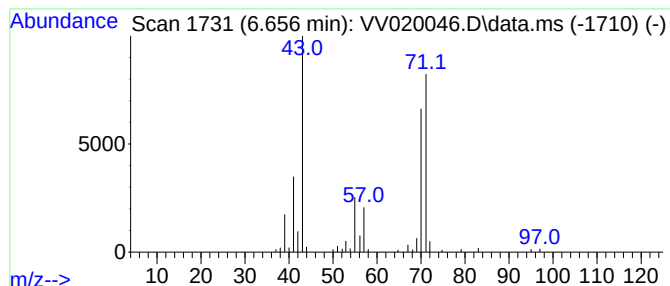
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.656	8.12 ug/L	100983	1,4-Difluorobenzene	5.618

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
5		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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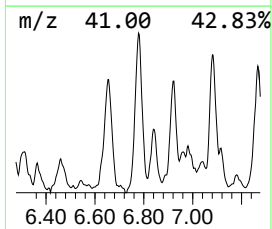
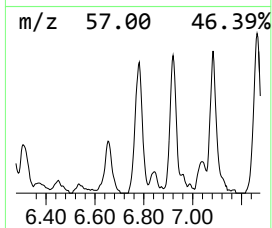
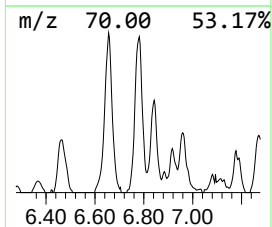
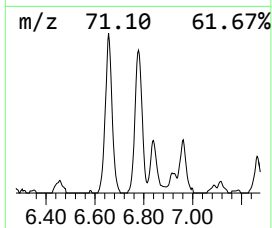
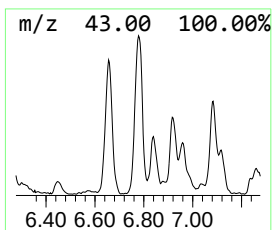
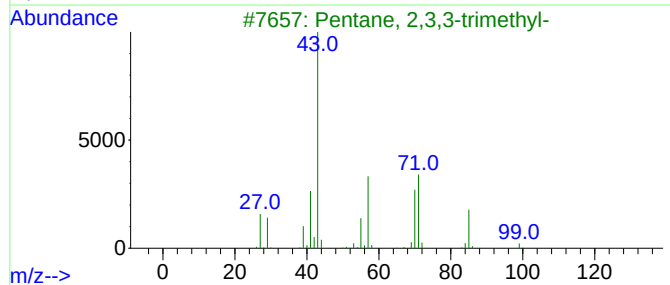
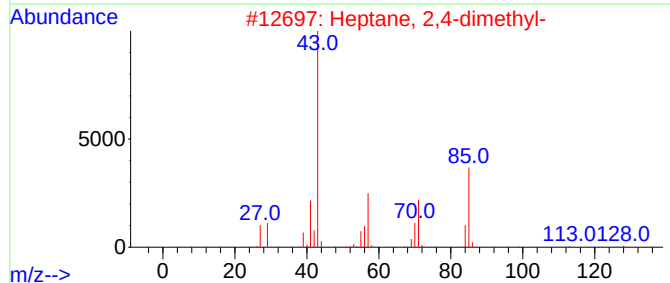
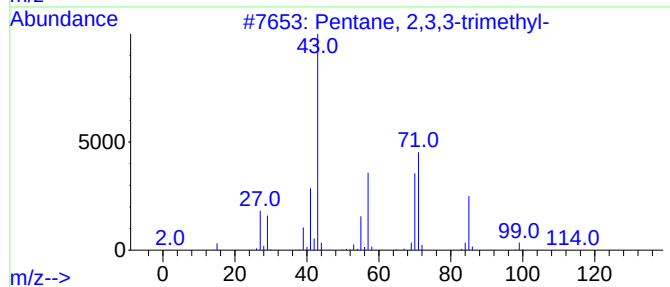
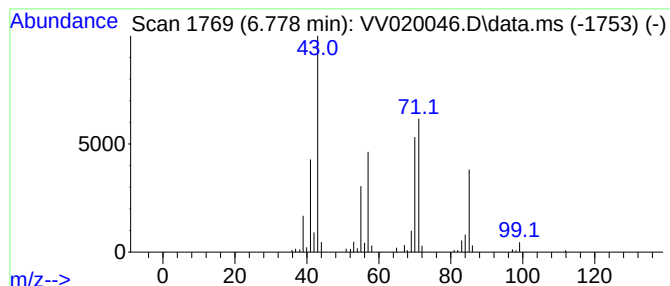
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.778	10.16 ug/L	126265	1,4-Difluorobenzene	5.618

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5		Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y7

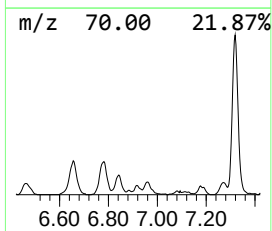
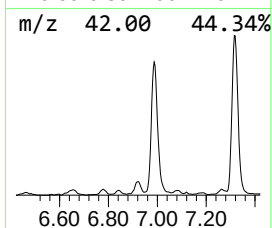
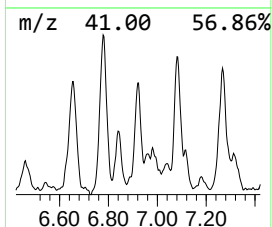
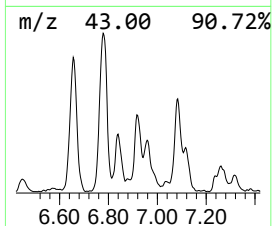
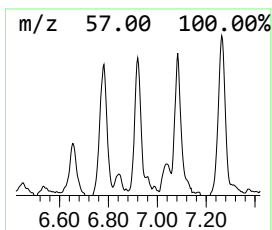
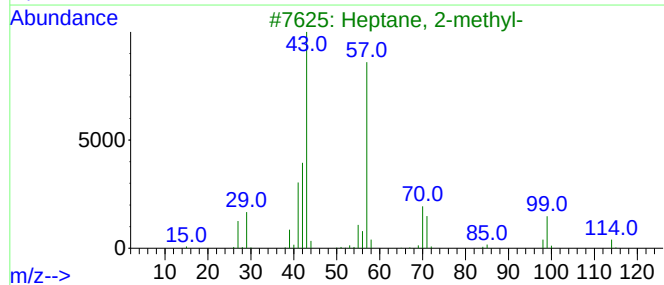
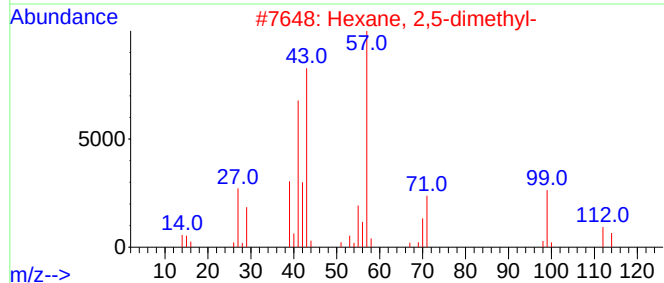
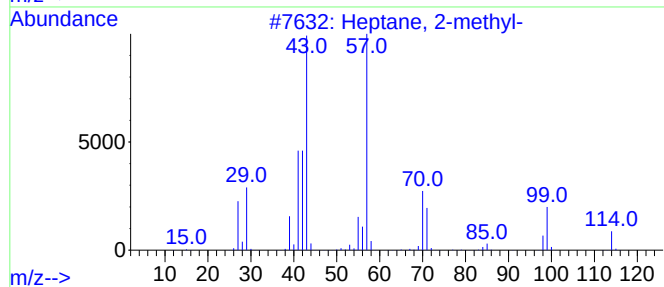
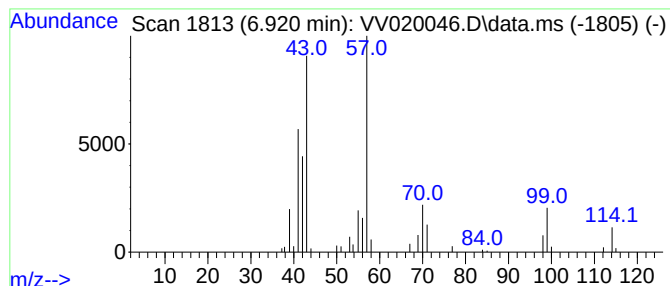
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.920	3.54 ug/L	44032	1,4-Difluorobenzene	5.618

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	72
2		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	56
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y7

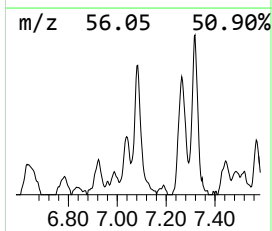
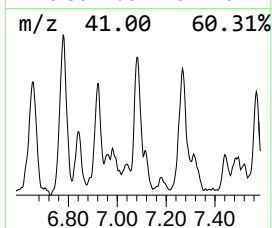
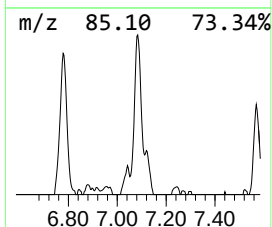
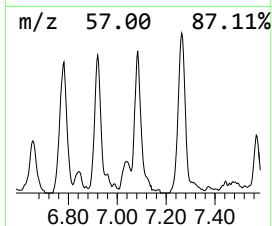
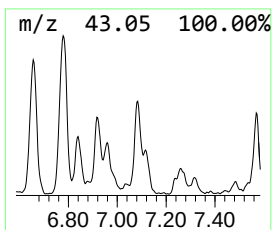
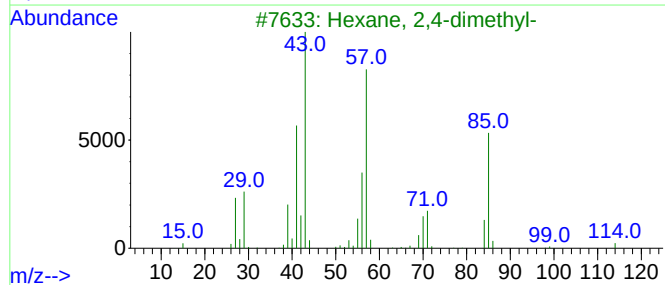
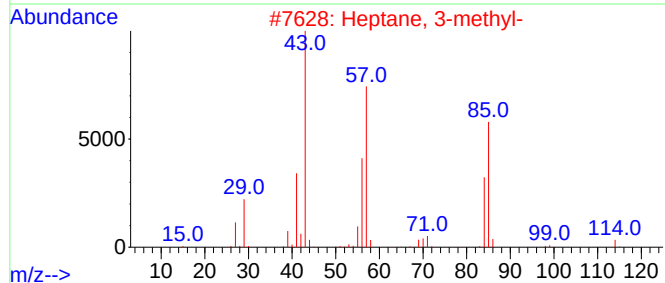
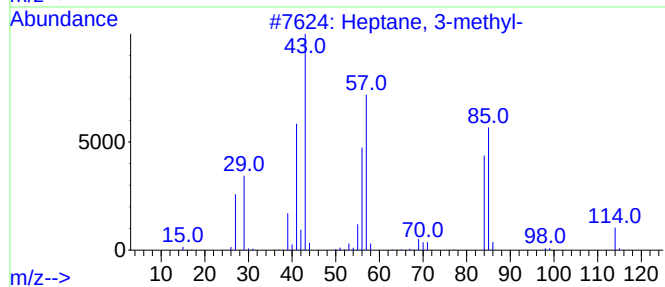
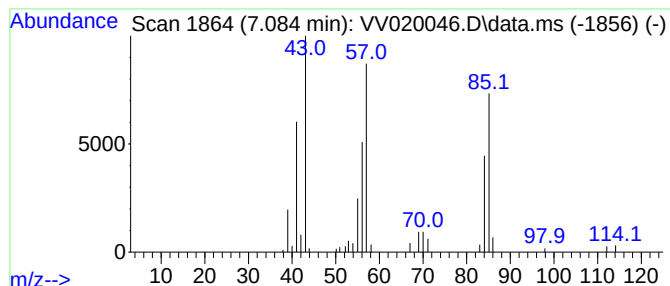
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.084	4.30 ug/L	53437	1,4-Difluorobenzene	5.618

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	91
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5		Hexane, 2-methyl-	100	C7H16	000591-76-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y7

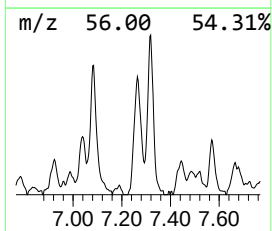
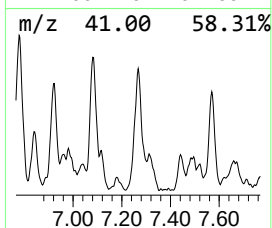
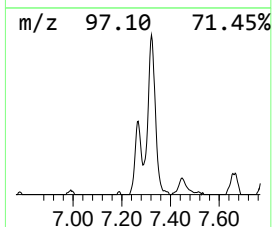
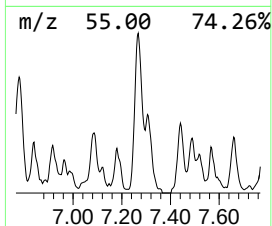
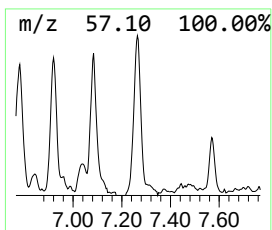
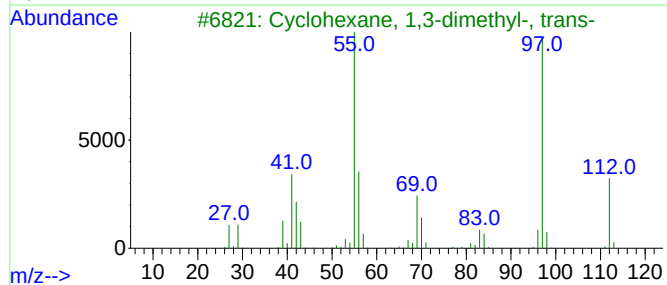
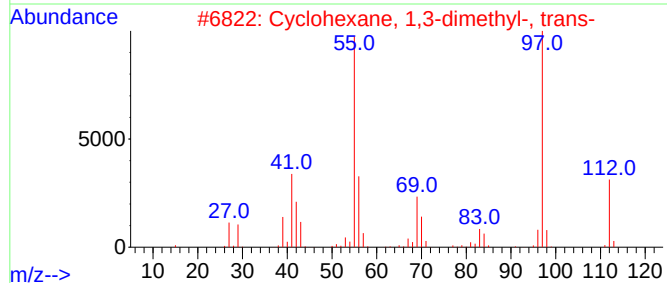
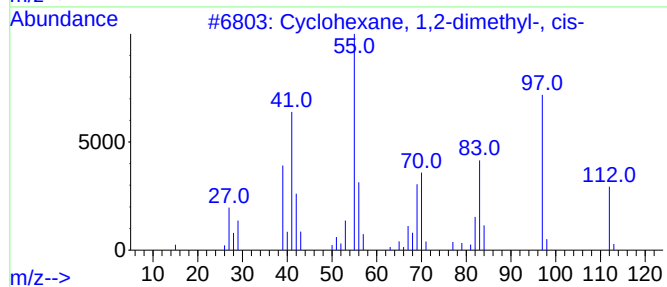
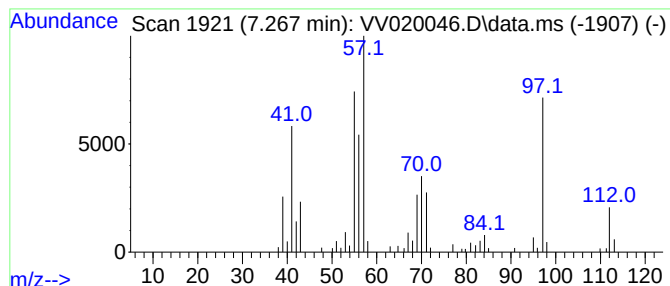
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic7.267 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.267	5.98 ug/L	88125	Chlorobenzene-d5	8.855

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	58
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49
4		1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1000338-28-2	49
5		2-Octene, (Z)-	112	C8H16	007642-04-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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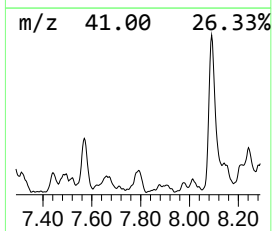
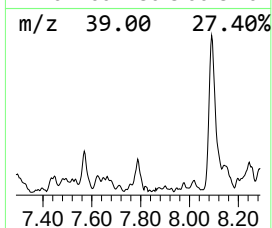
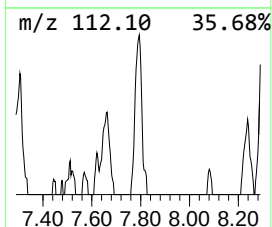
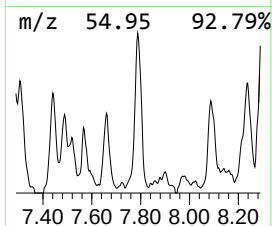
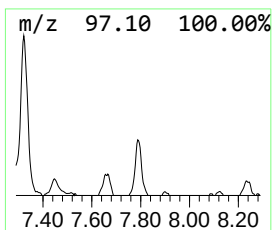
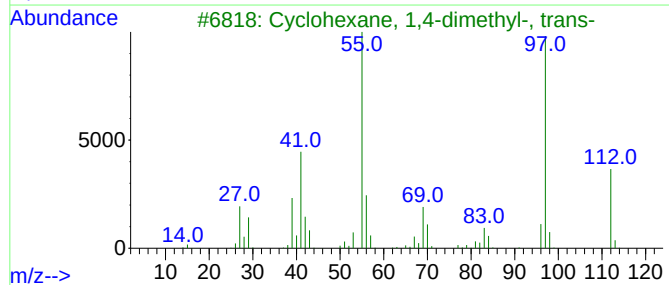
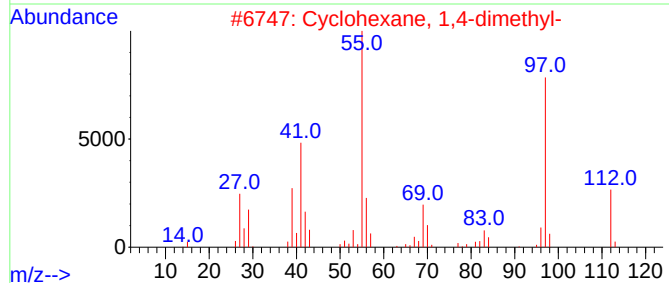
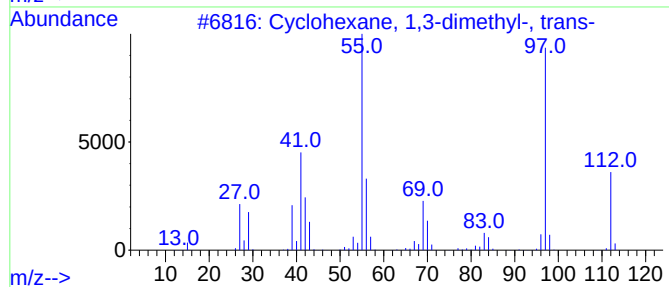
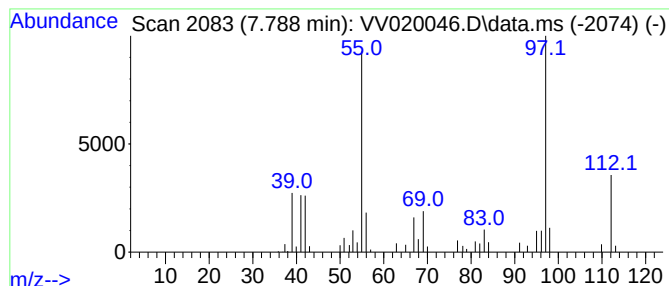
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic7.788 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.788	2.54 ug/L	37512	Chlorobenzene-d5	8.855

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
2		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
3		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y7

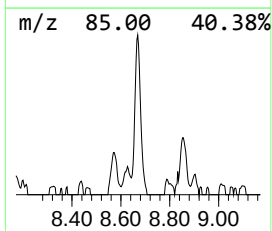
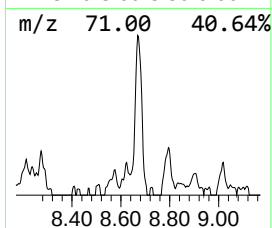
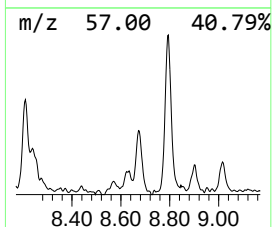
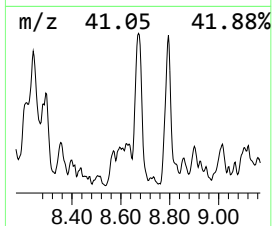
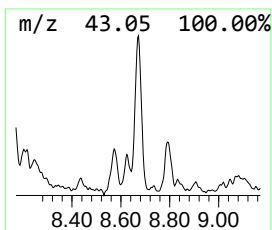
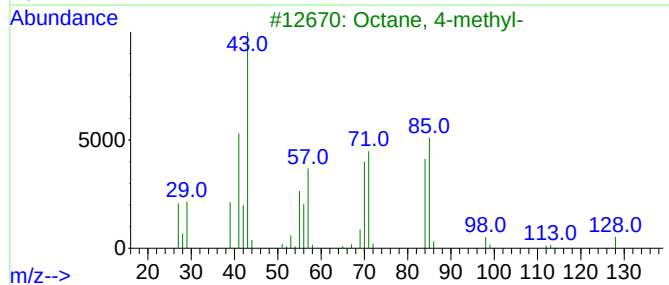
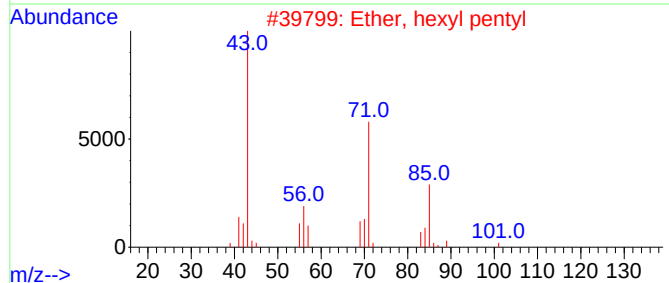
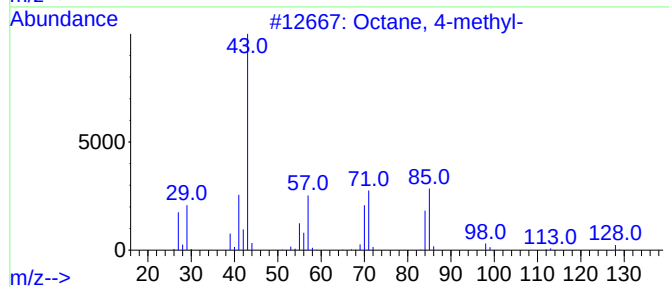
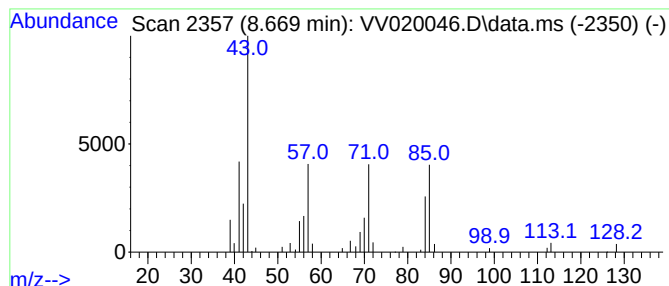
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.669	4.00 ug/L	59015	Chlorobenzene-d5	8.855

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4-methyl-	128	C9H20	002216-34-4	64
2		Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
3		Octane, 4-methyl-	128	C9H20	002216-34-4	64
4		Octane, 4-methyl-	128	C9H20	002216-34-4	64
5		Dodecane, 5-methyl-	184	C13H28	017453-93-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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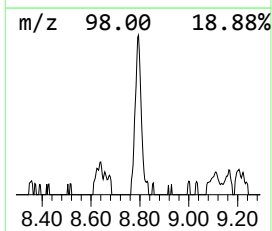
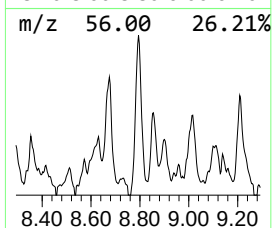
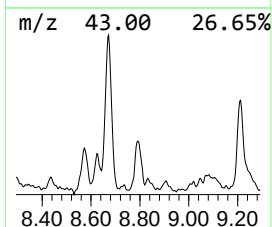
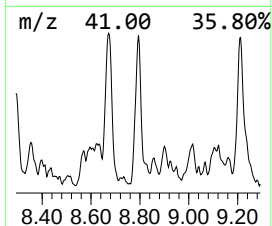
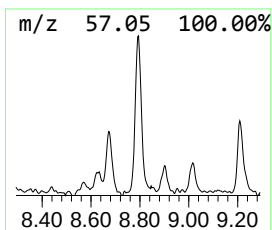
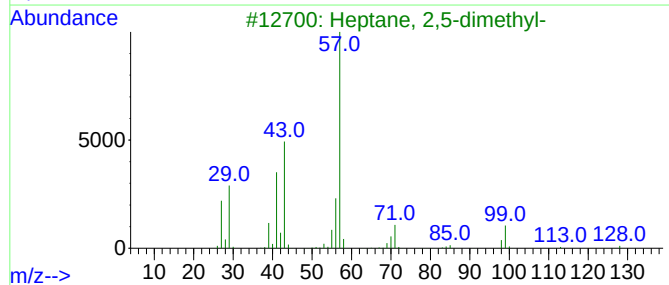
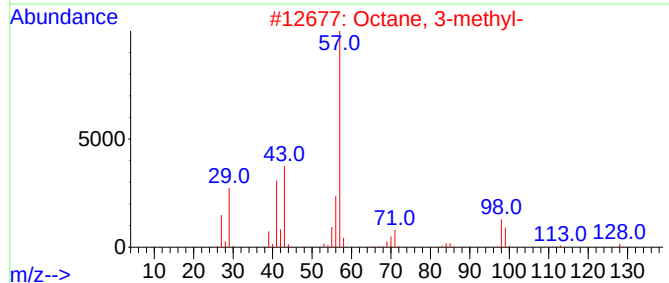
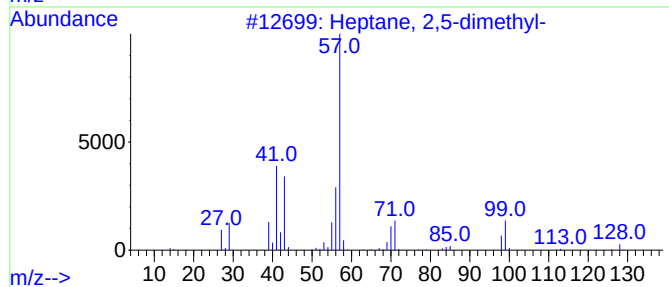
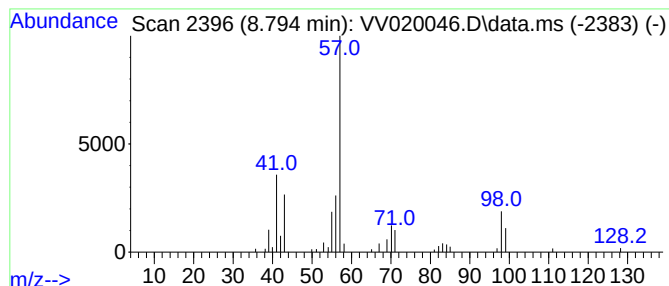
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.794	3.41 ug/L	50285	Chlorobenzene-d5	8.855

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2		Octane, 3-methyl-	128	C9H20	002216-33-3	87
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4		Octane, 3-methyl-	128	C9H20	002216-33-3	53
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y7

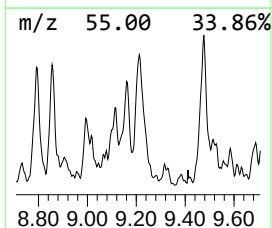
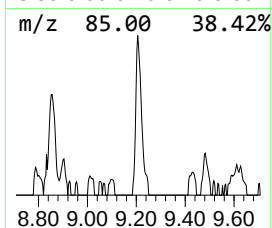
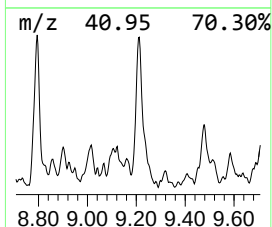
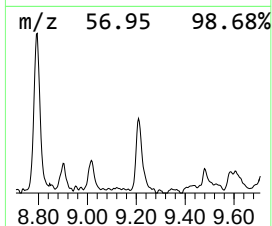
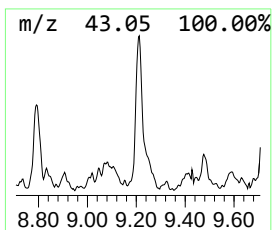
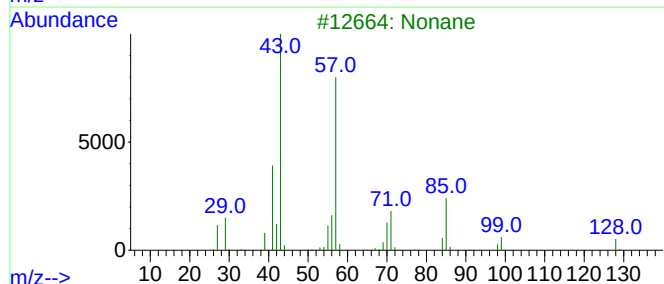
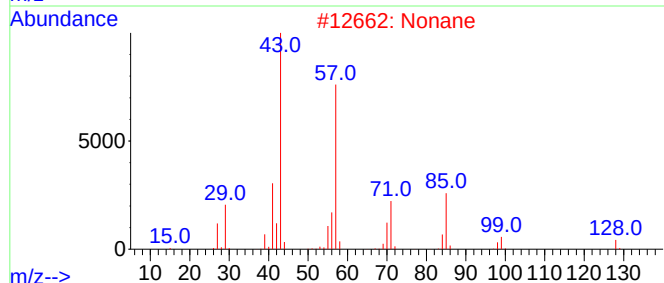
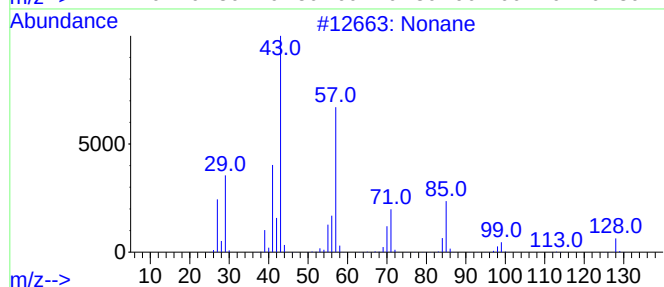
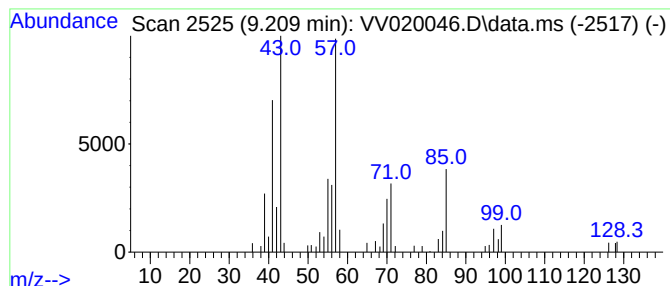
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.209	4.11 ug/L	60654	Chlorobenzene-d5	8.855

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	91
2	Nonane			128	C9H20	000111-84-2	87
3	Nonane			128	C9H20	000111-84-2	81
4	1-Eicosanol			298	C20H42O	000629-96-9	47
5	Sulfurous acid, hexyl heptyl ester			264	C13H28O3S	1000309-12-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020046.D
Acq On : 18 Jan 2021 16:18
Operator : SY/MD
Sample : M1147-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y7

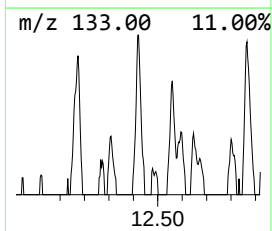
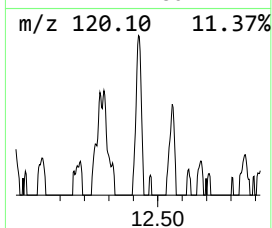
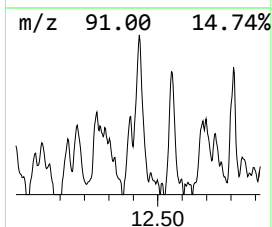
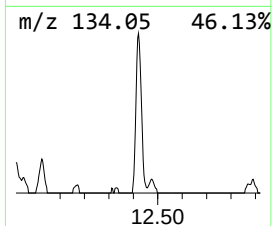
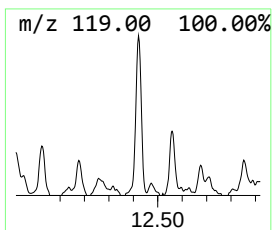
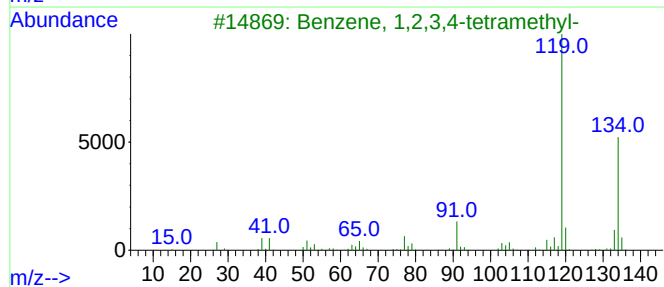
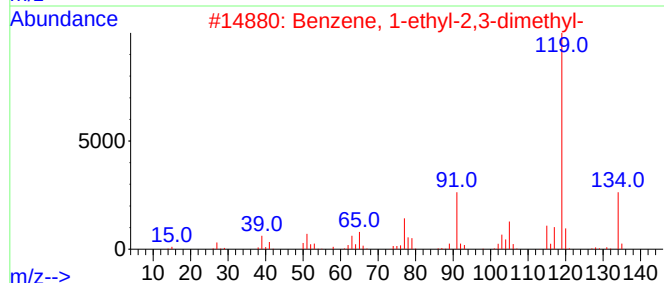
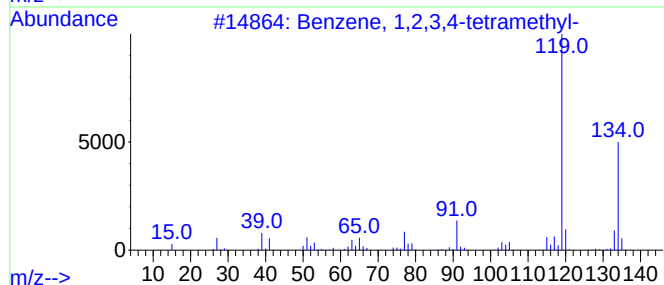
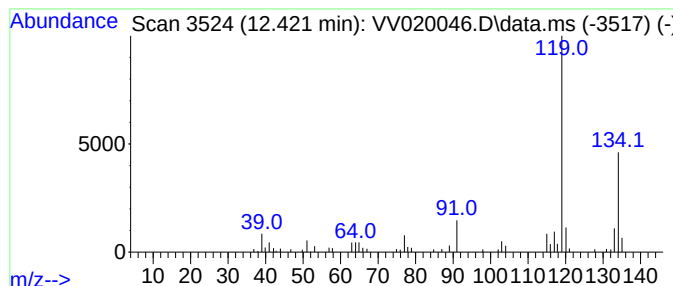
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	2.73 ug/L	46152	1,4-Dichlorobenzene-d4	11.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
 Data File : VV020046.D
 Acq On : 18 Jan 2021 16:18
 Operator : SY/MD
 Sample : M1147-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Y7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.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...	2.531	73.9	ug/L	919027	1	5.618	621596	50.0
(DEL) Alkane: S...	2.762	135.4	ug/L	1683770	1	5.618	621596	50.0
(DEL) Alkane: S...	3.042	648.1	ug/L	8057250	1	5.618	621596	50.0
(DEL) Alkane: C...	3.766	277.0	ug/L	3443810	1	5.618	621596	50.0
(DEL) Alkane: S...	4.766	3.7	ug/L	46274	1	5.618	621596	50.0
(DEL) Alkane: S...	4.910	5.3	ug/L	66221	1	5.618	621596	50.0
(DEL) Alkane: S...	5.235	7.7	ug/L	95193	1	5.618	621596	50.0
(DEL) Alkane: S...	5.492	4.1	ug/L	50620	1	5.618	621596	50.0
(DEL) Alkane: S...	6.656	8.1	ug/L	100983	1	5.618	621596	50.0
(DEL) Alkane: S...	6.778	10.2	ug/L	126265	1	5.618	621596	50.0
(DEL) Alkane: S...	6.920	3.5	ug/L	44032	1	5.618	621596	50.0
(DEL) Alkane: S...	7.084	4.3	ug/L	53437	1	5.618	621596	50.0
(DEL) Alkane: C...	7.267	6.0	ug/L	88125	2	8.855	737395	50.0
(DEL) Alkane: C...	7.788	2.5	ug/L	37512	2	8.855	737395	50.0
(DEL) Alkane: S...	8.669	4.0	ug/L	59015	2	8.855	737395	50.0
(DEL) Alkane: S...	8.794	3.4	ug/L	50285	2	8.855	737395	50.0
(DEL) Alkane: S...	9.209	4.1	ug/L	60654	2	8.855	737395	50.0
Benzene, 1,2,3,...	12.421	2.7	ug/L	46152	3	11.254	843878	50.0