

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007830.D
 Acq On : 22 Dec 2018 09:15
 Operator : SY/AP
 Sample : J6426-11
 Misc : 5.22G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013A-3036-01

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.970	477	503	533	rBV	484927	2547575	2.55%	0.555%
2	5.446	563	581	624	rBV	735542	3500549	3.50%	0.763%
3	5.946	646	663	704	rBV	2561725	9613982	9.62%	2.094%
4	6.994	822	835	856	rBV	1943186	7536707	7.54%	1.642%
5	7.964	973	994	1004	rBV3	497365	2074156	2.07%	0.452%
6	8.701	1107	1115	1133	rVB	527229	1315048	1.32%	0.286%
7	9.348	1206	1221	1243	rBV	1048375	3250430	3.25%	0.708%
8	10.402	1375	1394	1397	rBV2	31595667	78727248	78.76%	17.150%
9	10.524	1411	1414	1426	rVB3	625431	1283988	1.28%	0.280%
10	11.670	1594	1602	1607	rBV	731862	1977062	1.98%	0.431%
11	11.750	1607	1615	1627	rBV	23830524	99959988	100.00%	21.775%
12	11.865	1627	1634	1635	rBV2	27665657	63353512	63.38%	13.801%
13	12.195	1677	1688	1691	rBV3	34278367	82667018	82.70%	18.008%
14	12.475	1728	1734	1742	rBV	1750611	3045910	3.05%	0.664%
15	12.615	1749	1757	1769	rVB	6319594	11782434	11.79%	2.567%
16	12.816	1781	1790	1794	rBV	2002826	3493082	3.49%	0.761%
17	12.877	1794	1800	1804	rVV	5744714	10787548	10.79%	2.350%
18	12.951	1808	1812	1819	rVB2	3319362	6141306	6.14%	1.338%
19	13.115	1832	1839	1845	rBV	2462284	4297949	4.30%	0.936%
20	13.262	1856	1863	1869	rBV	8259908	13871900	13.88%	3.022%
21	13.451	1889	1894	1898	rVV	856322	1750738	1.75%	0.381%
22	13.505	1898	1903	1909	rVV	2097116	3841235	3.84%	0.837%
23	13.591	1909	1917	1933	rVB2	4811251	9224920	9.23%	2.010%
24	13.798	1948	1951	1959	rVB3	728703	1384192	1.38%	0.302%
25	13.877	1959	1964	1970	rBV	2253500	3559713	3.56%	0.775%
26	14.078	1989	1997	2006	rVB3	2146243	5346651	5.35%	1.165%
27	14.426	2051	2054	2057	rVV	629143	1055157	1.06%	0.230%
28	14.463	2057	2060	2064	rVV	769103	1158232	1.16%	0.252%
29	14.731	2100	2104	2110	rVB2	1404340	2101057	2.10%	0.458%
30	14.798	2110	2115	2121	rBV2	773694	1745689	1.75%	0.380%
31	15.139	2165	2171	2182	rVB	2074545	3807990	3.81%	0.830%
32	15.377	2205	2210	2220	rVB	2739900	5054402	5.06%	1.101%
33	15.566	2235	2241	2249	rVB	2105226	3774268	3.78%	0.822%
34	16.450	2380	2386	2391	rBV	812698	1683495	1.68%	0.367%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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

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35	16.511	2391	2396	2402	rVB	575905	1039812	1.04%	0.227%
36	16.657	2413	2420	2432	rVB	464757	1302105	1.30%	0.284%

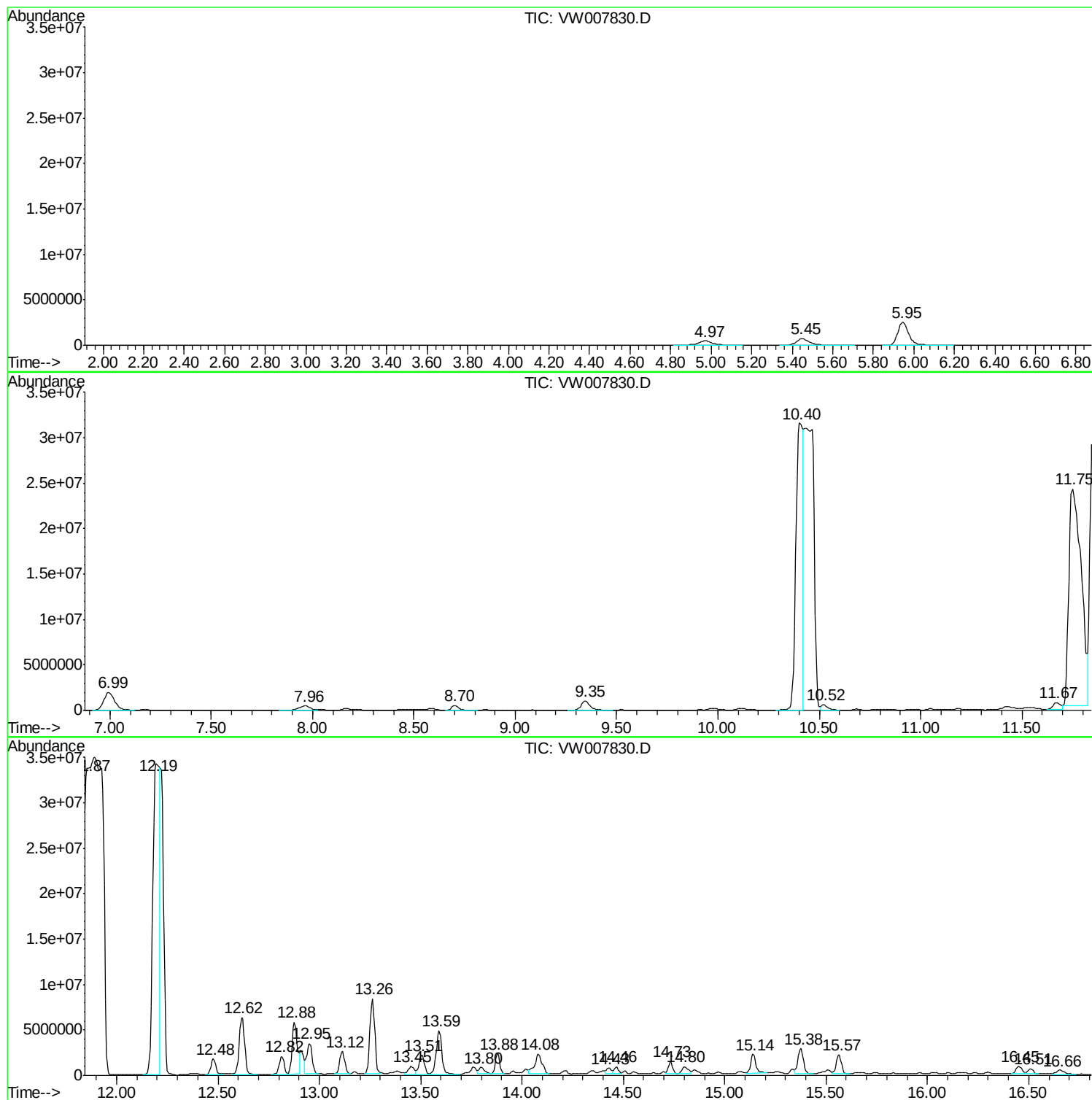
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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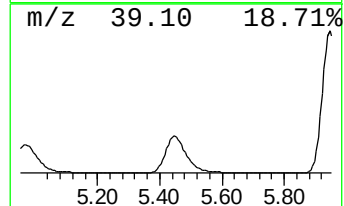
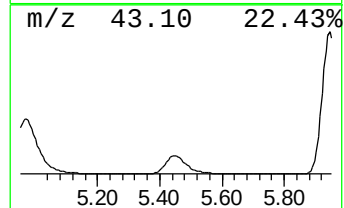
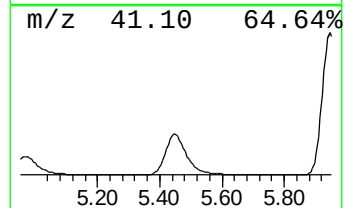
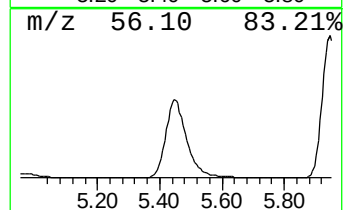
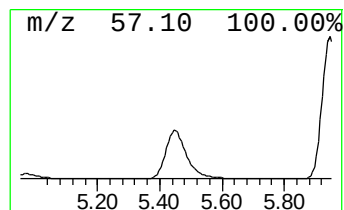
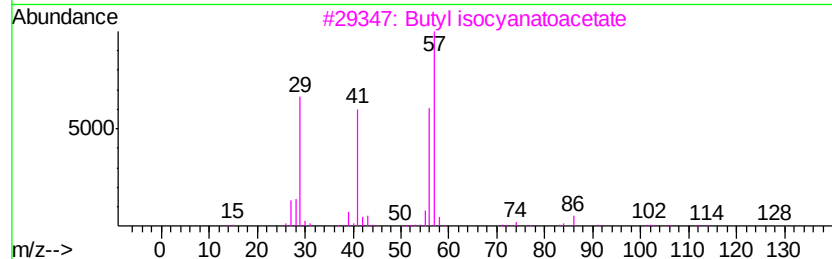
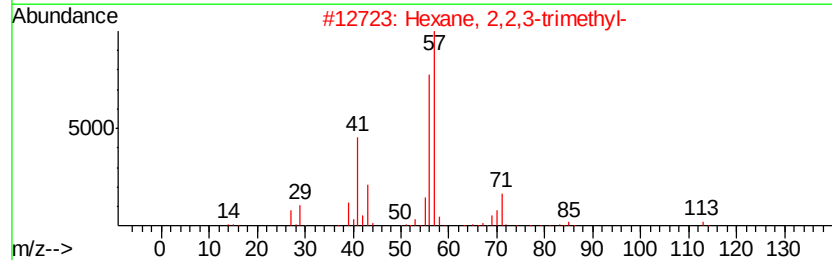
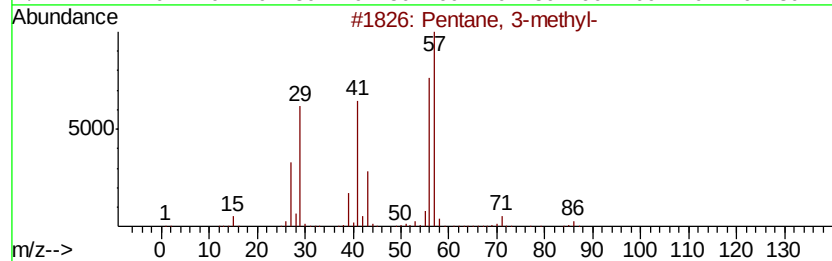
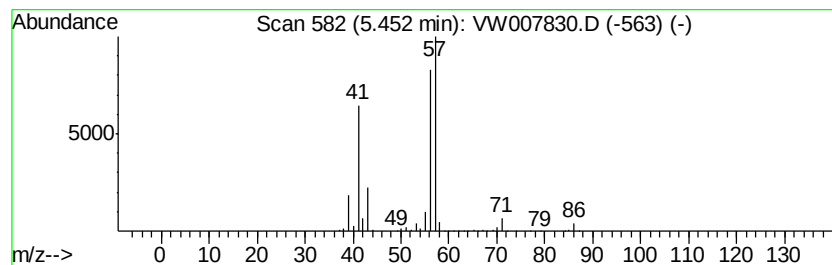
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.45	84.38 ug/l	3500550	Pentafluorobenzene	7.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91	
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78	
3	Butyl isocvanatoacetate	157	C7H11NO3	017046-22-9	40	
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	40	
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38	



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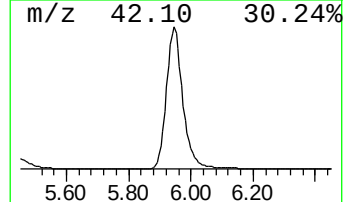
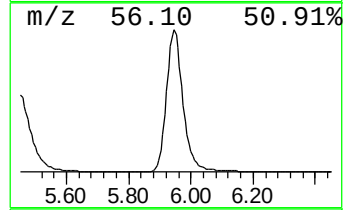
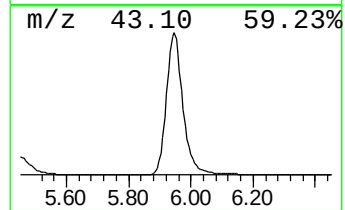
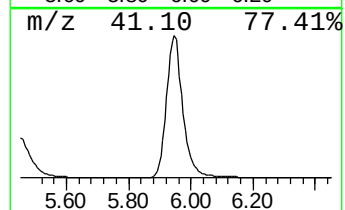
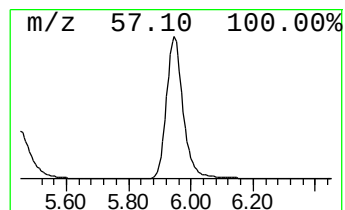
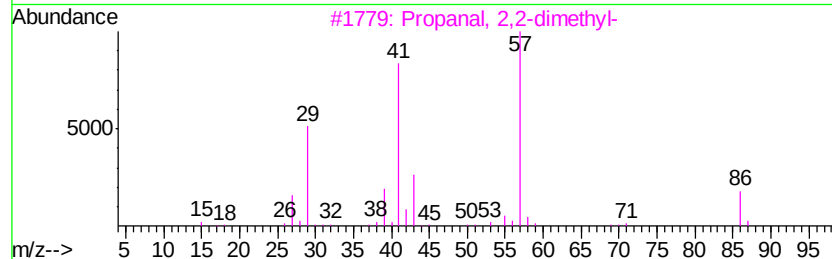
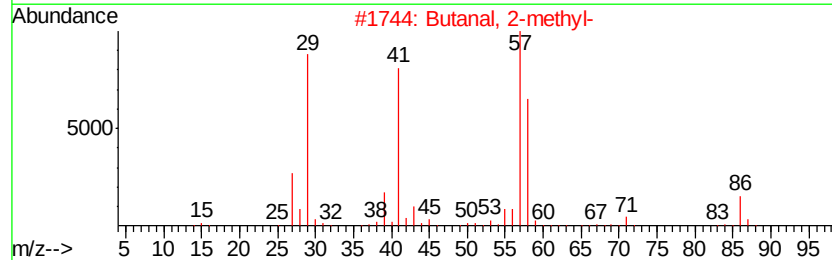
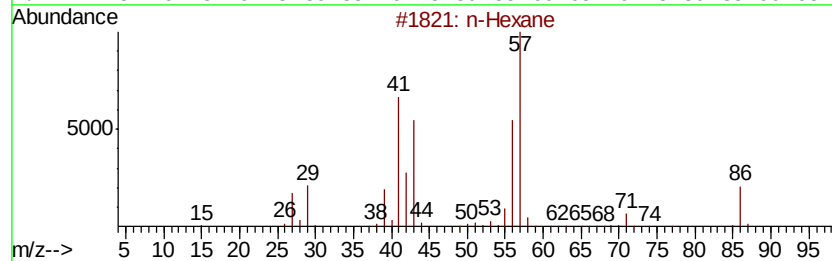
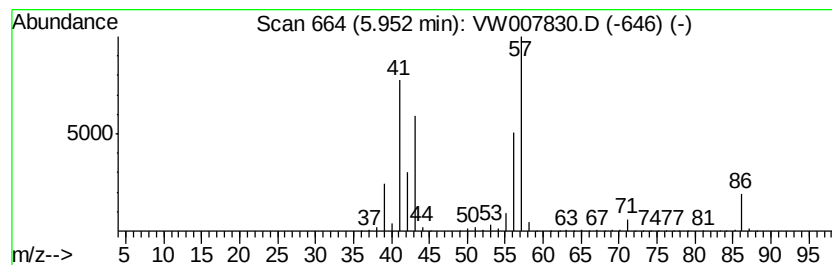
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260

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

 Peak Number 2 n-Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	231.76 ug/l	9613980	Pentafluorobenzene	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
3		Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
4		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38



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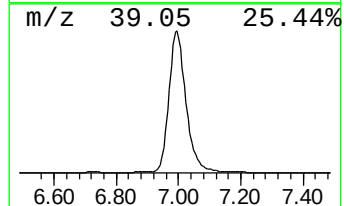
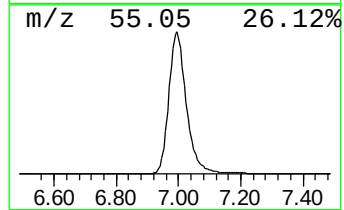
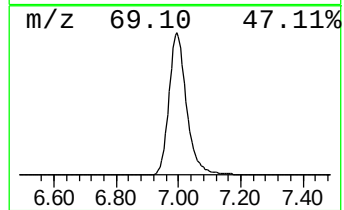
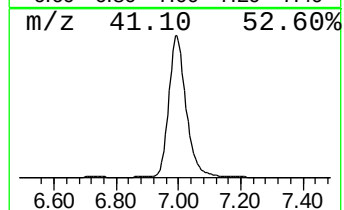
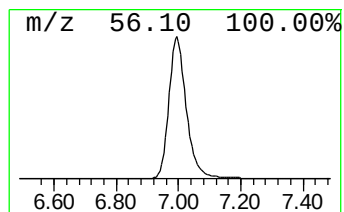
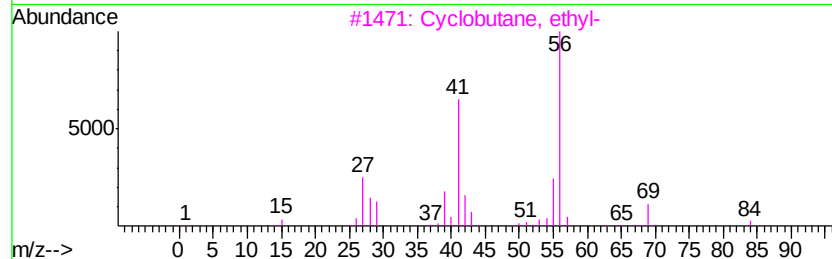
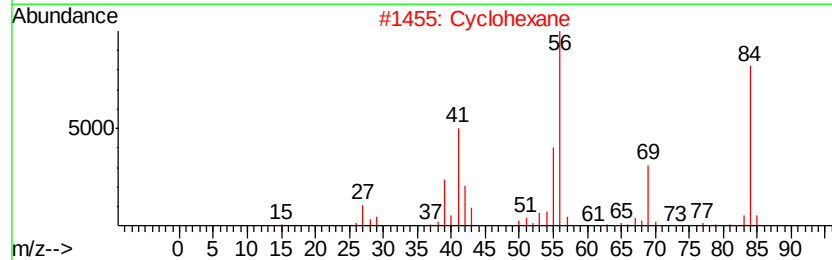
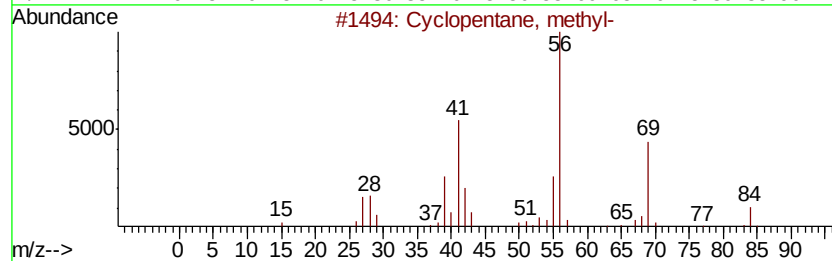
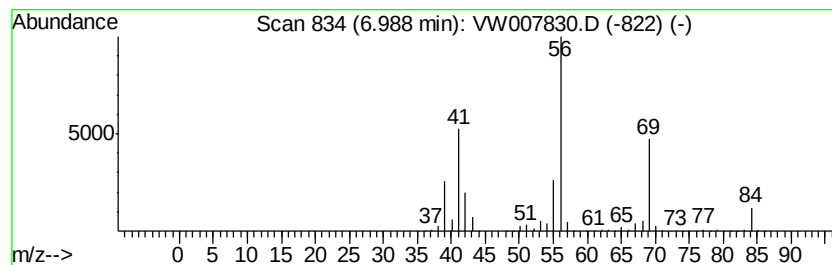
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	181.68 ug/l	7536710	Pentafluorobenzene	7.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclohexane	84	C6H12	000110-82-7	80
3		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64
5		Cyclobutane	56	C4H8	000287-23-0	53



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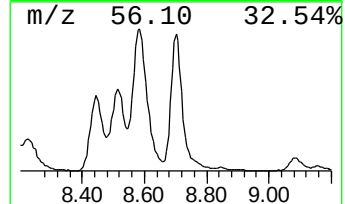
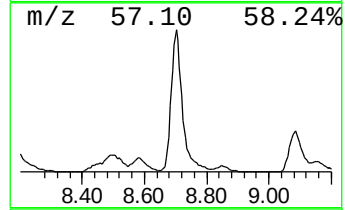
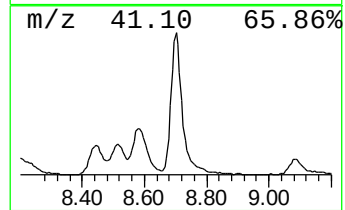
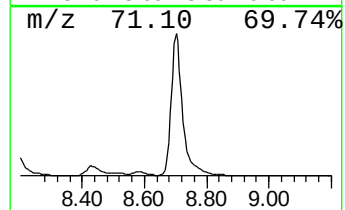
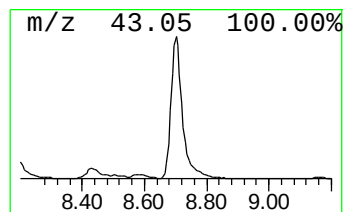
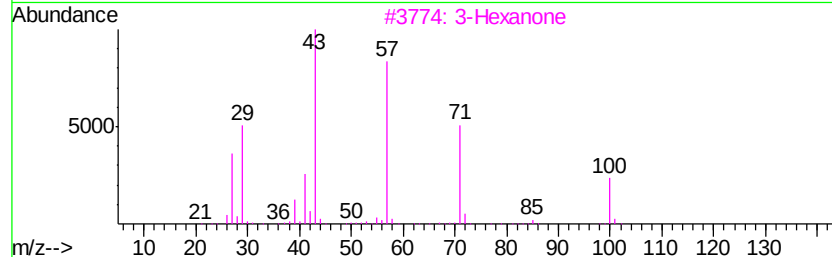
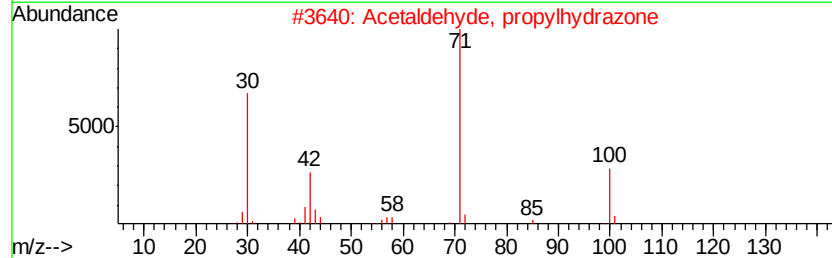
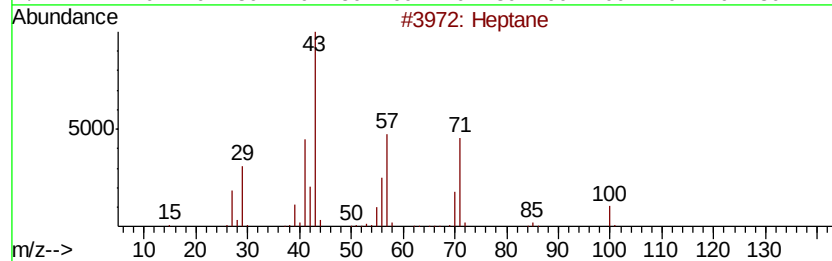
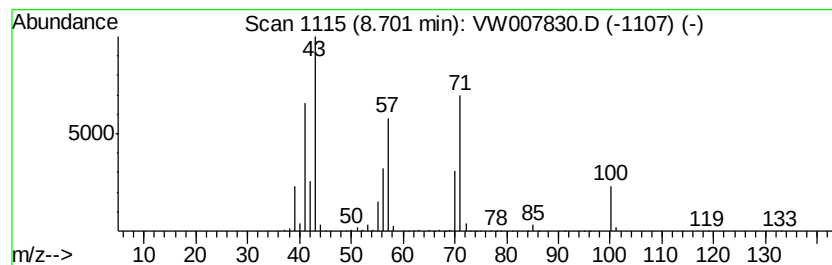
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.70	50.00 ug/l	1315050	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	47
3	3-Hexanone	100	C6H12O	000589-38-8	43
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	40
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40



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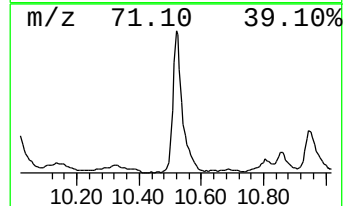
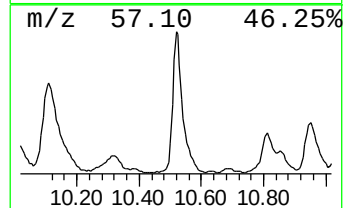
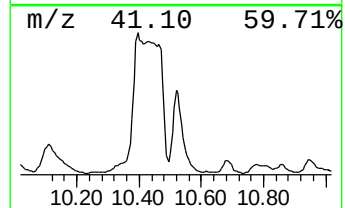
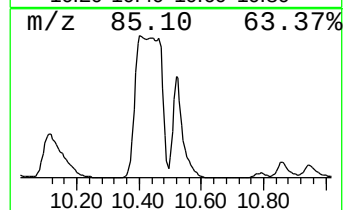
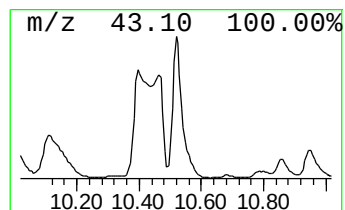
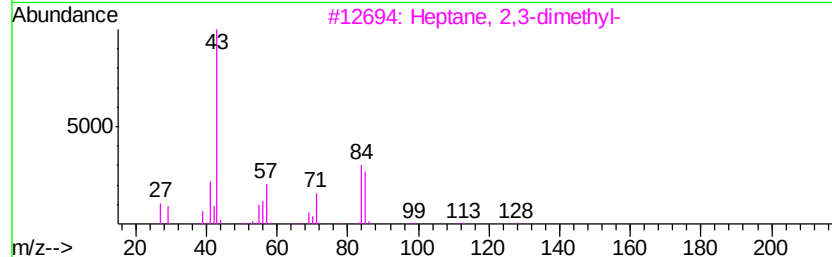
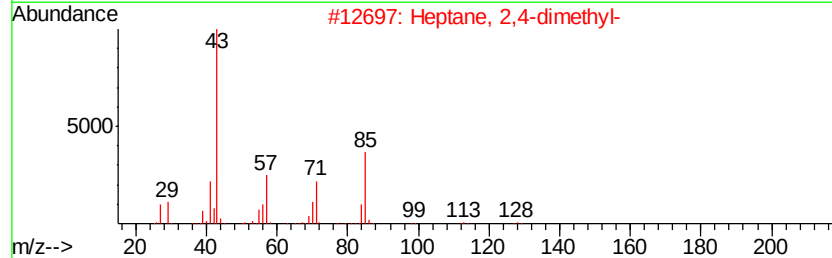
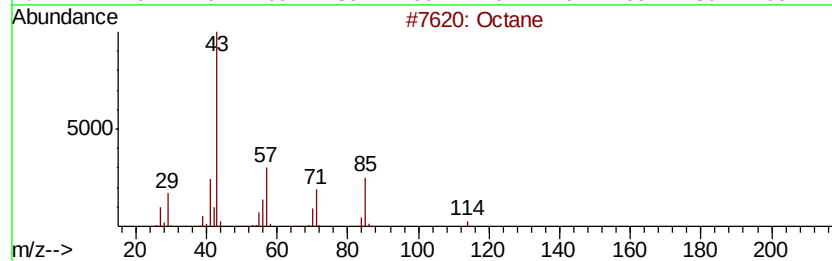
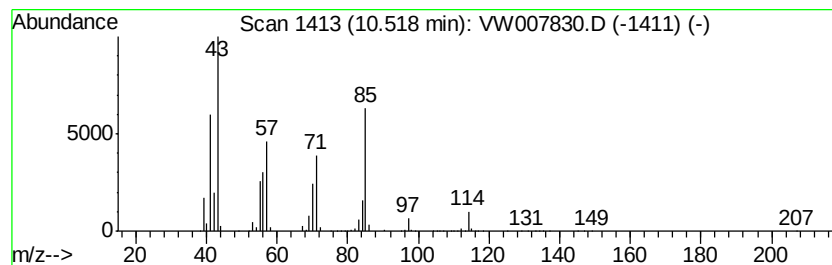
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	32.47 ug/l	1283990	Chlorobenzene-d5	11.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	86
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	59
3	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	53
4	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	50
5	Oxalic acid, hexyl propyl ester		216	C11H20O4	1000309-25-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007830.D
Acq On : 22 Dec 2018 09:15
Operator : SY/AP
Sample : J6426-11
Misc : 5.22G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

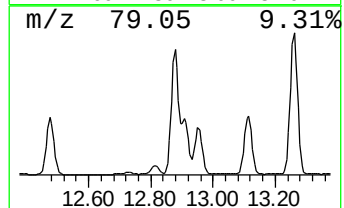
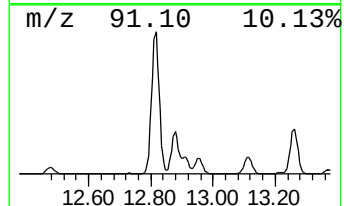
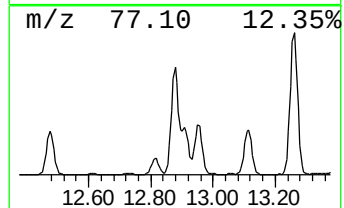
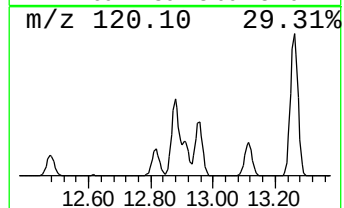
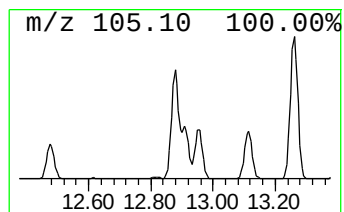
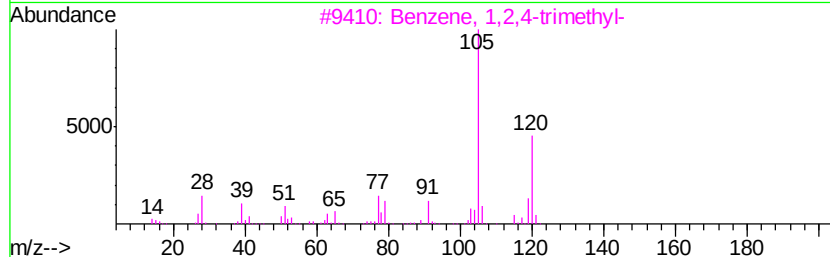
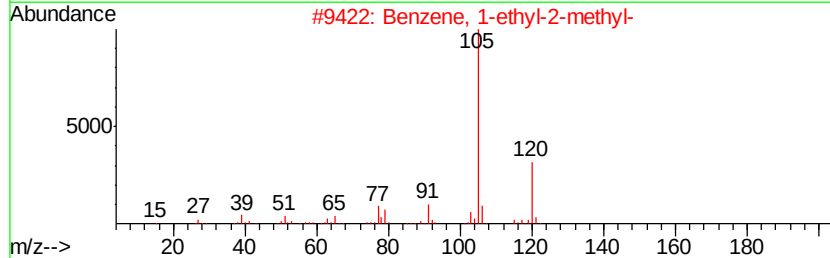
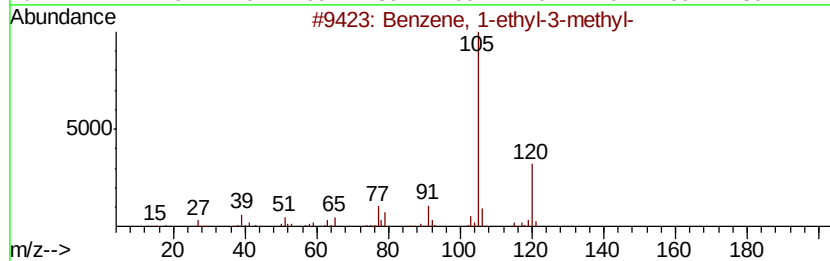
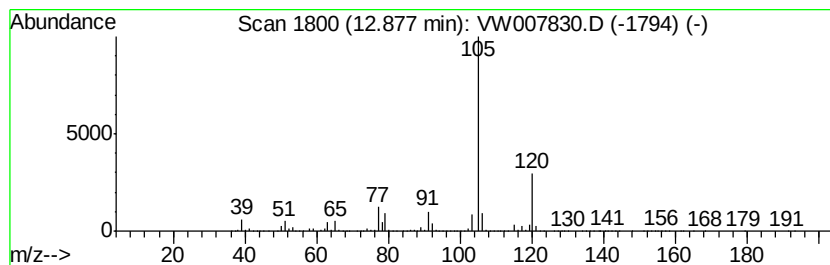
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013A-3036-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	58.47 ug/l	10787500	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007830.D
Acq On : 22 Dec 2018 09:15
Operator : SY/AP
Sample : J6426-11
Misc : 5.22G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS013A-3036-01

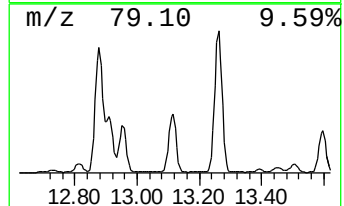
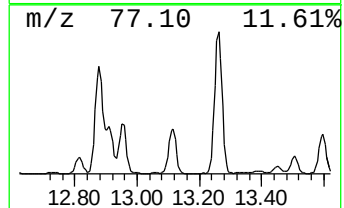
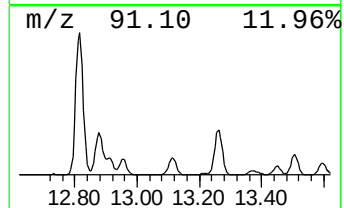
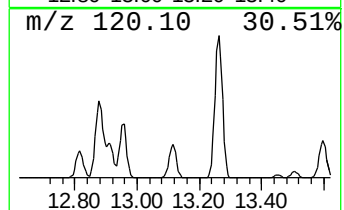
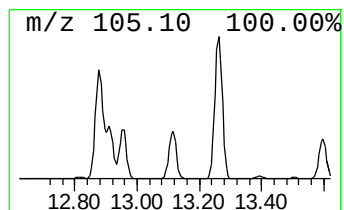
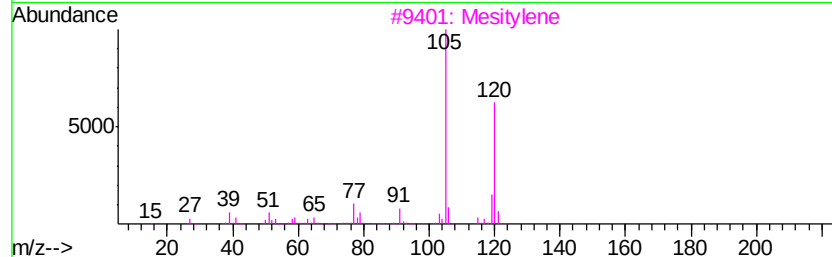
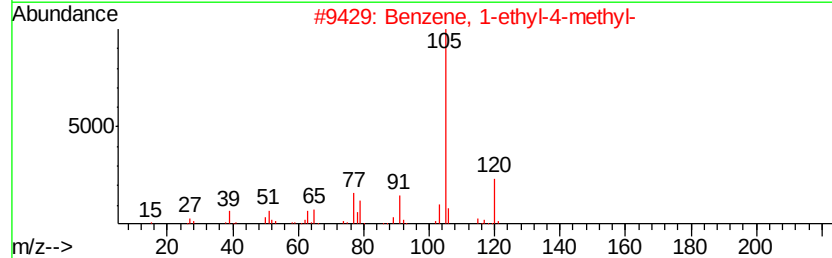
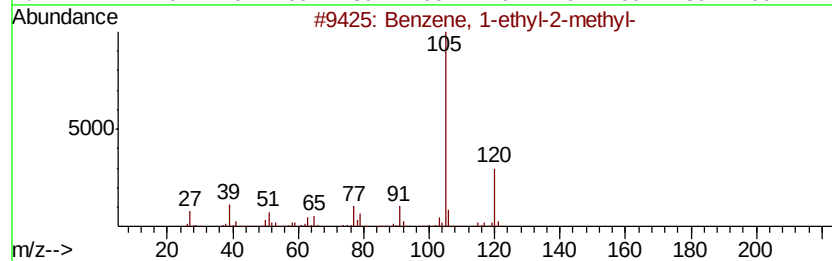
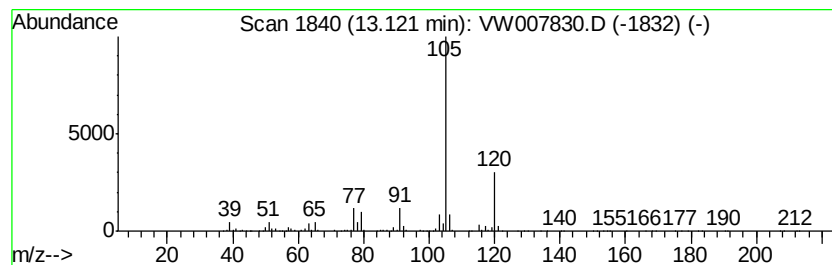
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	23.30 ug/l	4297950	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007830.D
Acq On : 22 Dec 2018 09:15
Operator : SY/AP
Sample : J6426-11
Misc : 5.22G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

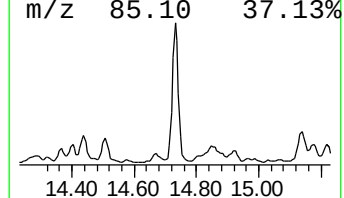
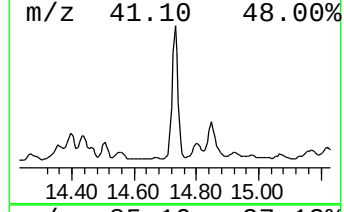
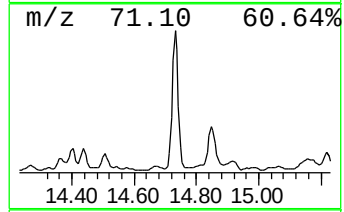
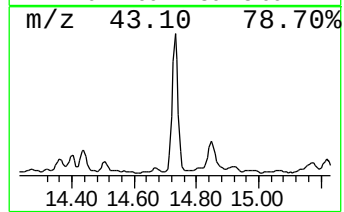
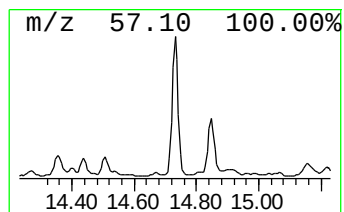
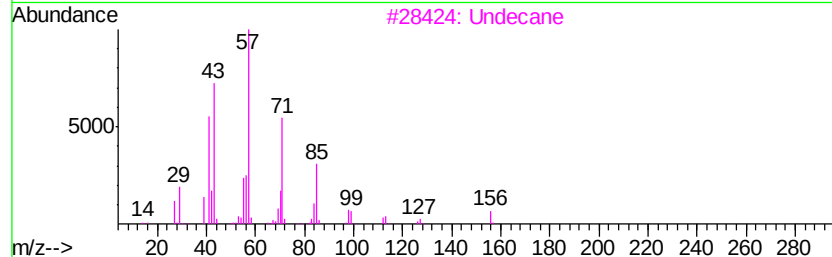
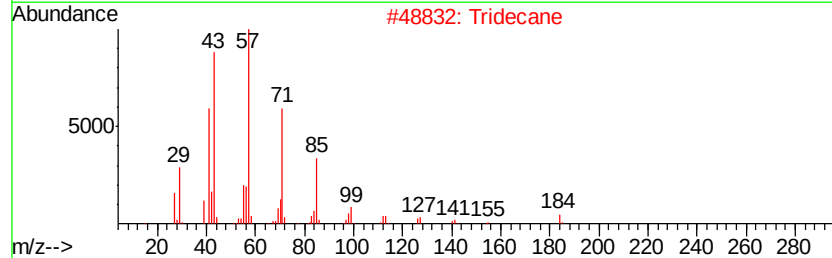
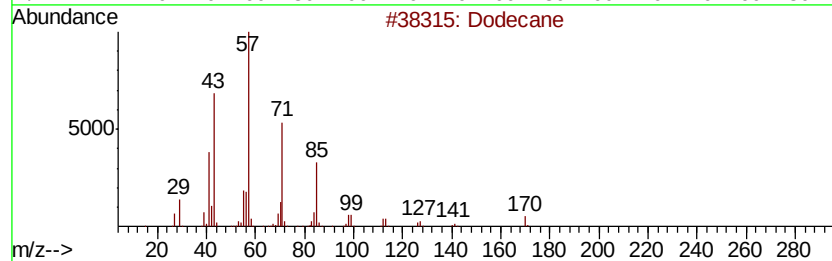
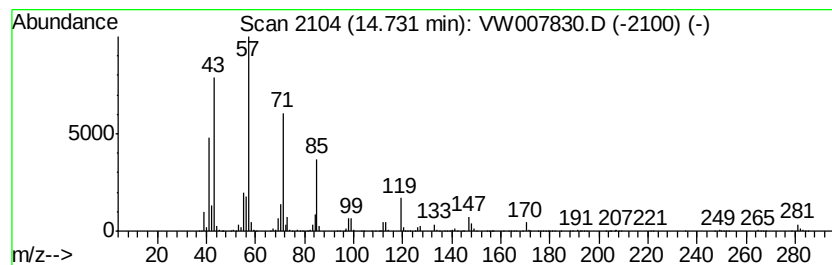
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013A-3036-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 9 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	11.39 ug/l	2101060	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	96
2	Tridecane	184 C13H28	000629-50-5	86
3	Undecane	156 C11H24	001120-21-4	70
4	Tetradecane	198 C14H30	000629-59-4	62
5	Decane, 2-methyl-	156 C11H24	006975-98-0	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007830.D
Acq On : 22 Dec 2018 09:15
Operator : SY/AP
Sample : J6426-11
Misc : 5.22G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

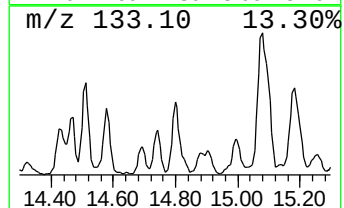
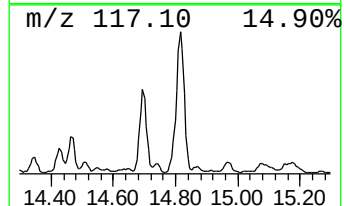
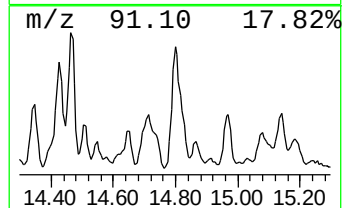
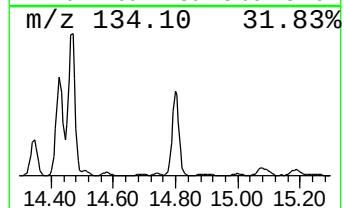
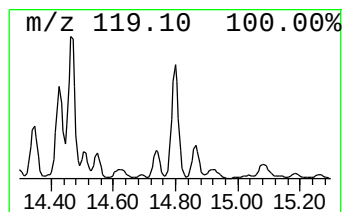
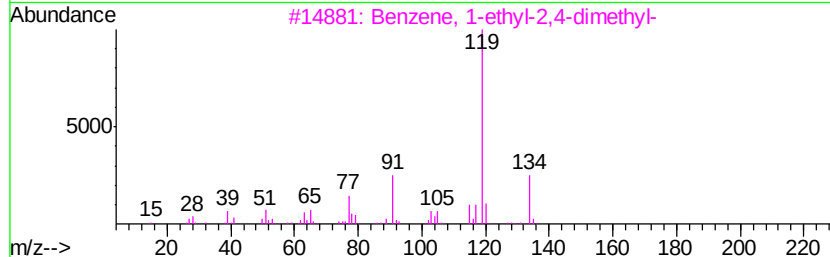
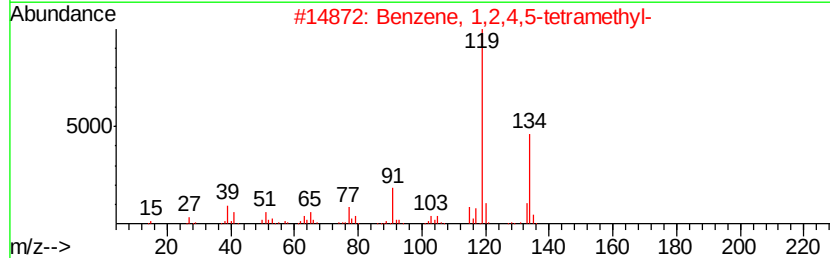
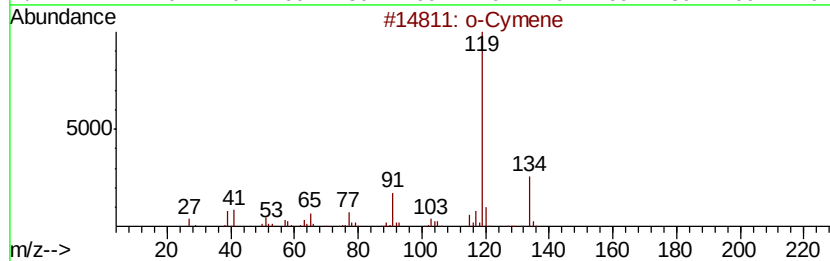
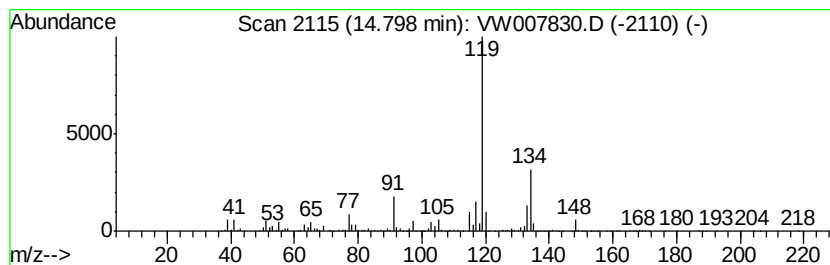
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 10 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	9.46 ug/l	1745690	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 95
2		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 94
3		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 94
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134 C10H14	076089-59-3 93
5		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 93



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122318\
Data File : VW007830.D
Acq On : 22 Dec 2018 09:15
Operator : SY/AP
Sample : J6426-11
Misc : 5.22G/5ML/MSVOA_W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS013A-3036-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 3-methyl-	5.45	84.4	ug/l	3500550	1	7.96	2074160	50.0
n-Hexane	5.95	231.8	ug/l	9613980	1	7.96	2074160	50.0
Cyclopentane, met...	6.99	181.7	ug/l	7536710	1	7.96	2074160	50.0
Heptane	8.70	50.0	ug/l	1315050	2	8.85	1315050	50.0
Octane	10.52	32.5	ug/l	1283990	3	11.65	1977060	50.0
Benzene, 1-ethyl-...	12.88	58.5	ug/l	10787500	4	13.57	9224920	50.0
Benzene, 1-ethyl-...	13.12	23.3	ug/l	4297950	4	13.57	9224920	50.0
Dodecane	14.73	11.4	ug/l	2101060	4	13.57	9224920	50.0
o-Cymene	14.80	9.5	ug/l	1745690	4	13.57	9224920	50.0