

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
 Data File : VW007835.D
 Acq On : 22 Dec 2018 11:24
 Operator : SY/AP
 Sample : J6426-16
 Misc : 5.84G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS013C-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	4.983	476	505	553	rBV2	861175	4988750	4.91%	1.088%
2	5.464	565	584	620	rBV	1204841	6315803	6.21%	1.378%
3	5.970	648	667	707	rBV	2622333	12787402	12.58%	2.789%
4	7.007	823	837	856	rBV	2068620	9207602	9.06%	2.008%
5	7.190	856	867	906	rVB2	1211538	5490335	5.40%	1.198%
6	7.976	973	996	1020	rBV4	463575	2378571	2.34%	0.519%
7	8.348	1046	1057	1069	rBV	374258	1559113	1.53%	0.340%
8	8.714	1109	1117	1134	rVB	318954	1116982	1.10%	0.244%
9	9.354	1207	1222	1245	rBV2	628337	2416479	2.38%	0.527%
10	10.396	1377	1393	1396	rBV2	31557419	76195596	74.96%	16.620%
11	11.750	1606	1615	1627	rBV2	27149320	101654323	100.00%	22.174%
12	11.866	1627	1634	1635	rBV3	30183549	66842093	65.75%	14.580%
13	12.195	1675	1688	1697	rBV3	34216259	101263459	99.62%	22.089%
14	12.475	1728	1734	1743	rBV	784989	1738070	1.71%	0.379%
15	12.615	1751	1757	1769	rVB	5452311	10721438	10.55%	2.339%
16	12.817	1781	1790	1794	rBV	876485	1793630	1.76%	0.391%
17	12.878	1794	1800	1807	rVV	2818542	7109751	6.99%	1.551%
18	12.945	1807	1811	1819	rVB3	2355107	5202303	5.12%	1.135%
19	13.115	1831	1839	1845	rBV	1260298	2629899	2.59%	0.574%
20	13.262	1856	1863	1869	rBV	4651728	8232475	8.10%	1.796%
21	13.506	1898	1903	1909	rVB3	559759	1216764	1.20%	0.265%
22	13.597	1909	1918	1923	rBV	1545830	2926076	2.88%	0.638%
23	13.762	1940	1945	1948	rVV3	919376	1721793	1.69%	0.376%
24	13.798	1948	1951	1959	rVB3	772256	1469936	1.45%	0.321%
25	13.883	1959	1965	1970	rBV	1838465	2897210	2.85%	0.632%
26	14.079	1989	1997	2006	rVB3	2202302	5204349	5.12%	1.135%
27	14.731	2100	2104	2110	rVB2	1643353	2441098	2.40%	0.532%
28	14.804	2110	2116	2121	rBV2	791750	1960010	1.93%	0.428%
29	15.334	2198	2203	2206	rBV	588837	1067963	1.05%	0.233%
30	15.371	2206	2209	2216	rVB	1023469	1753920	1.73%	0.383%
31	15.511	2222	2232	2236	rBV	505002	1293941	1.27%	0.282%
32	15.566	2236	2241	2250	rVB	1392519	2389116	2.35%	0.521%
33	16.450	2380	2386	2391	rBV	606264	1263630	1.24%	0.276%
34	16.657	2412	2420	2432	rVB	397922	1193678	1.17%	0.260%

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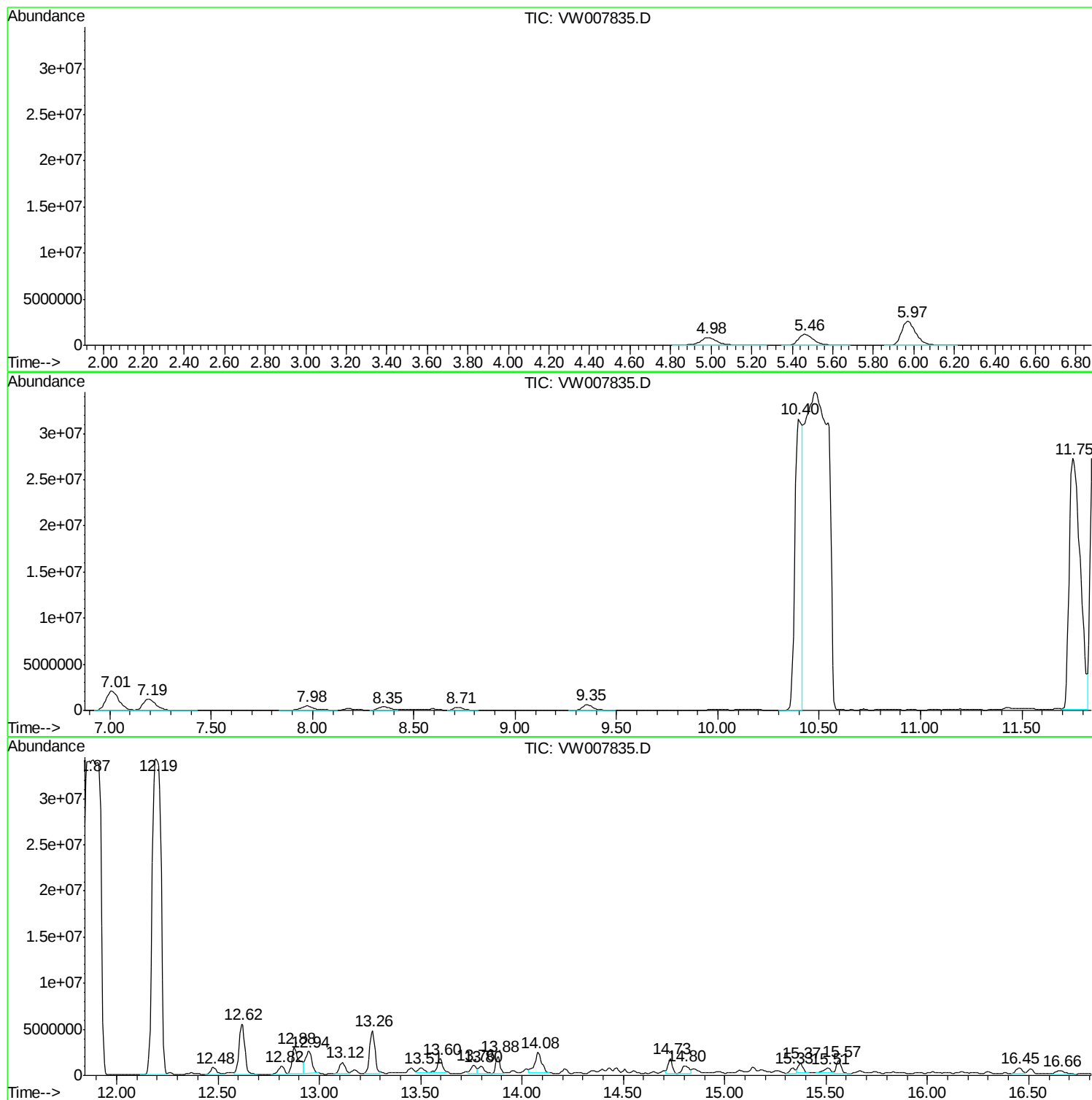
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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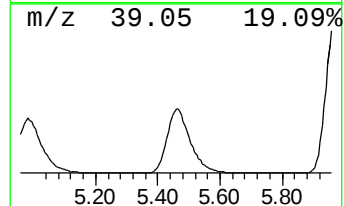
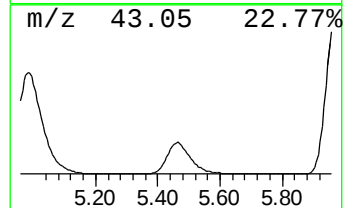
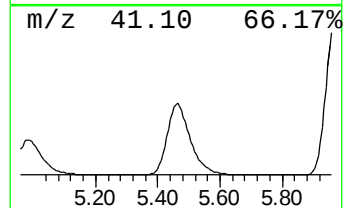
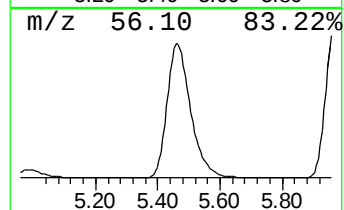
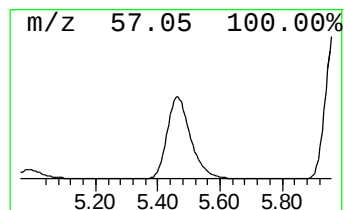
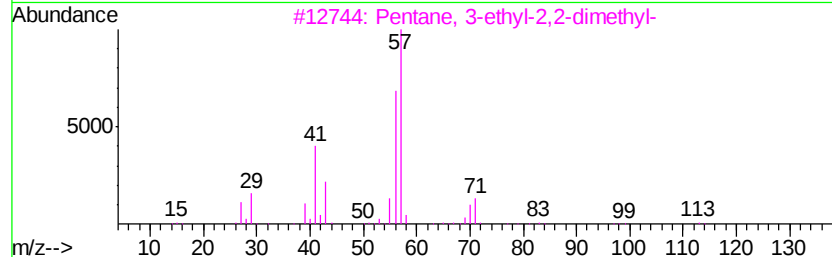
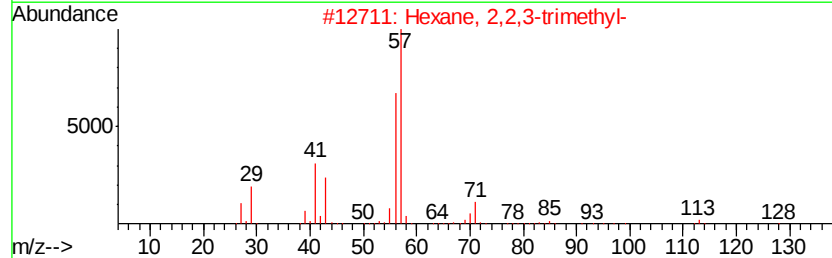
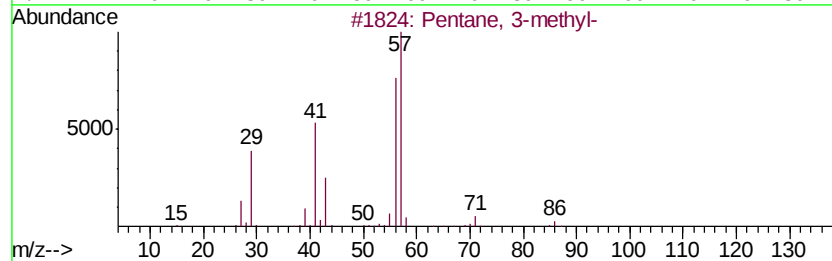
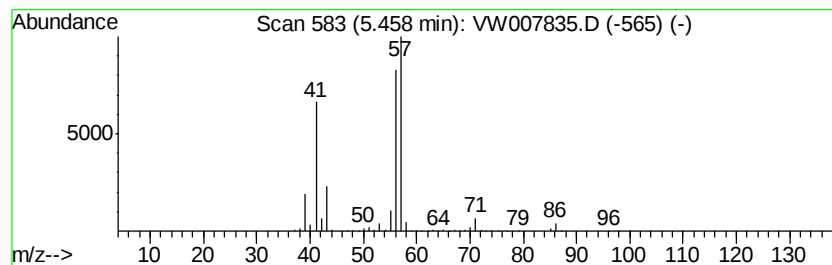
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	132.77 ug/l	6315800	Pentafluorobenzene	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
3		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
4		Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40
5		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38



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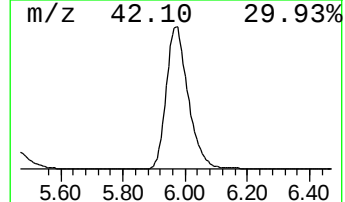
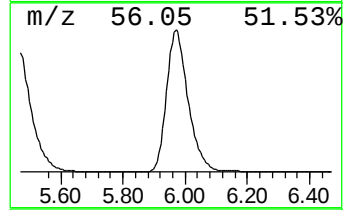
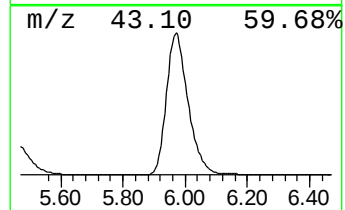
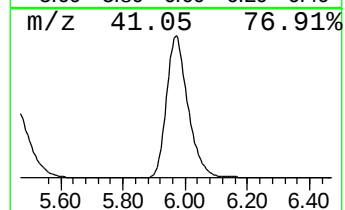
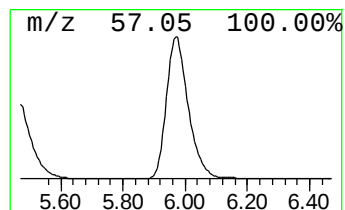
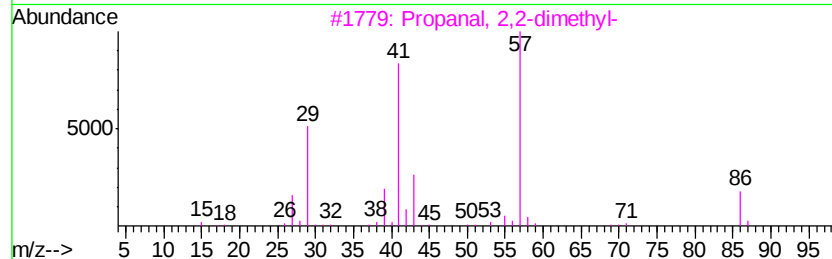
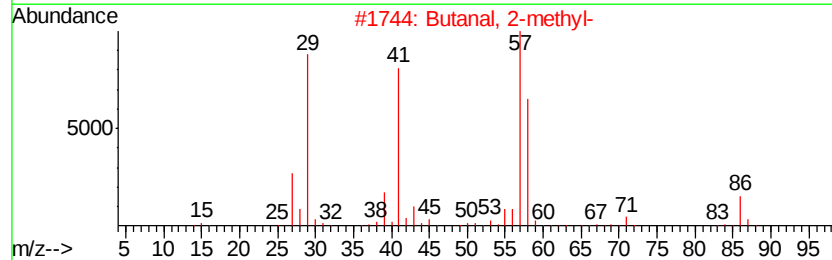
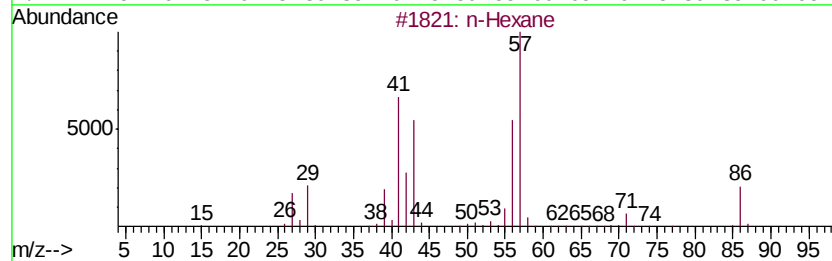
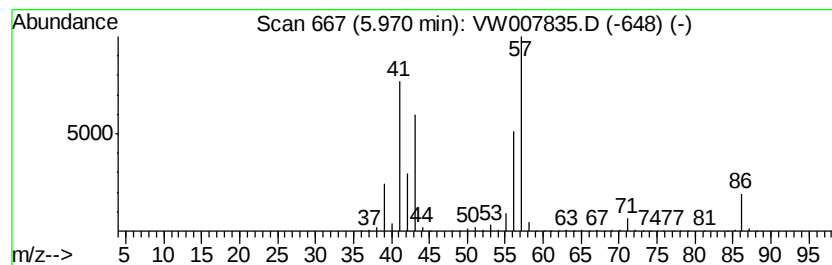
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 Quant Title : SW846 8260

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.
5.97	268.80 ug/l	12787400	Pentafluorobenzene	7.98

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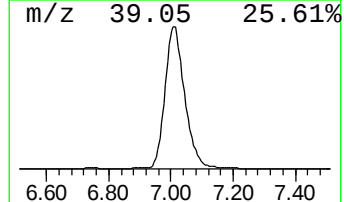
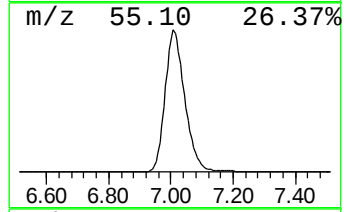
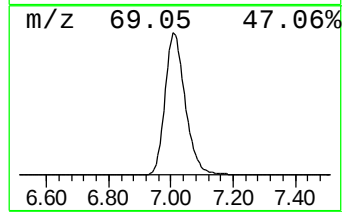
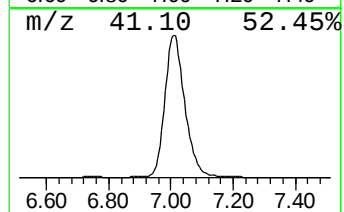
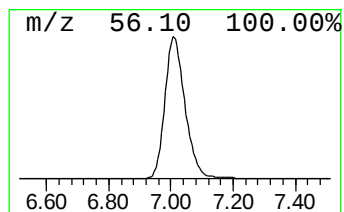
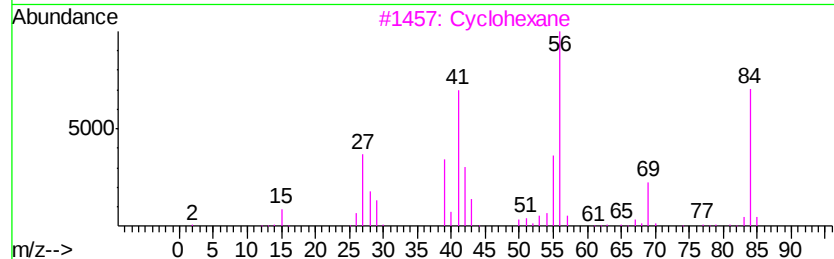
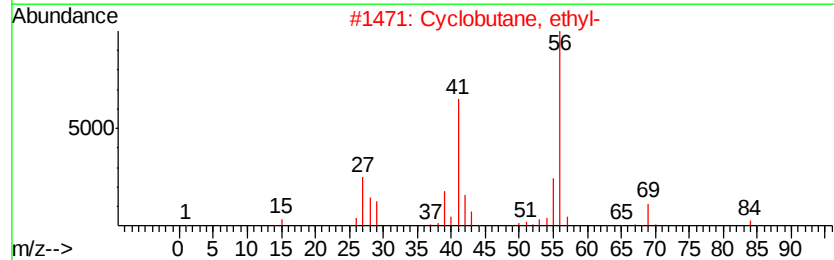
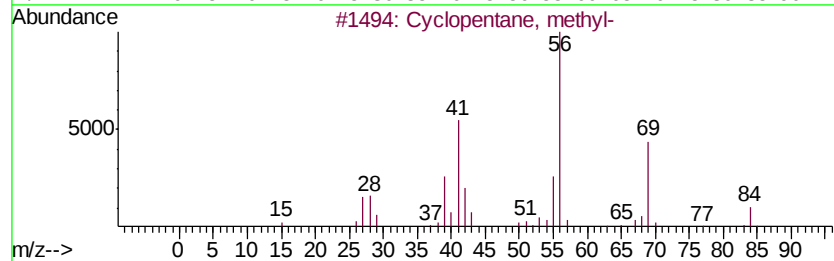
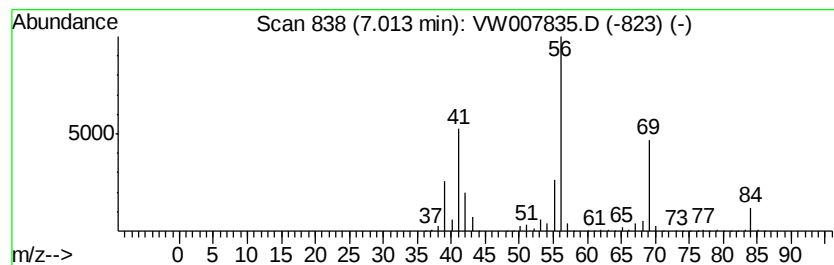
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	193.55 ug/l	9207600	Pentafluorobenzene	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
3		Cyclohexane	84	C6H12	000110-82-7	50
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47
5		Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	35



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ALS Vial : 46 Sample Multiplier: 1

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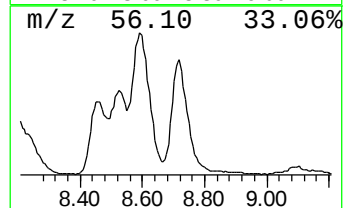
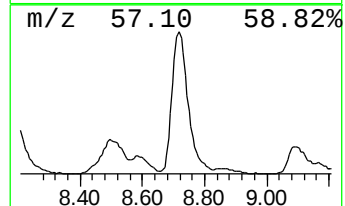
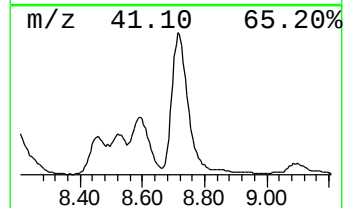
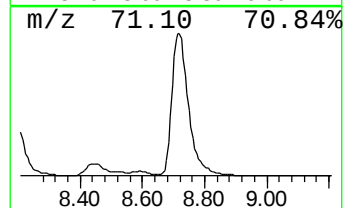
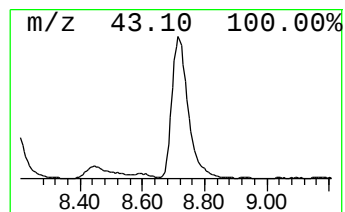
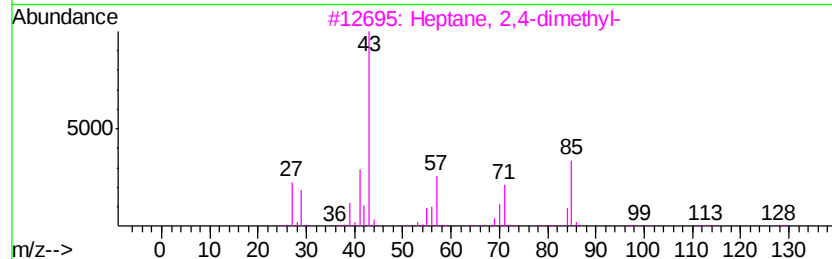
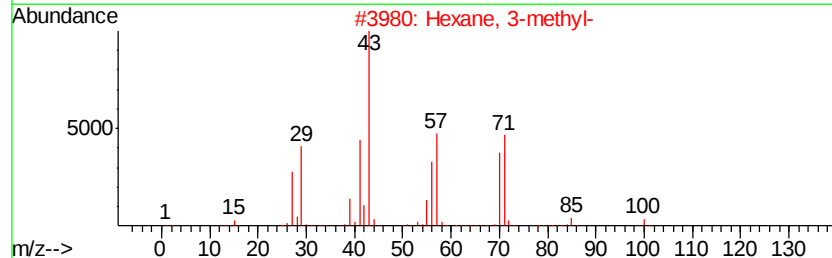
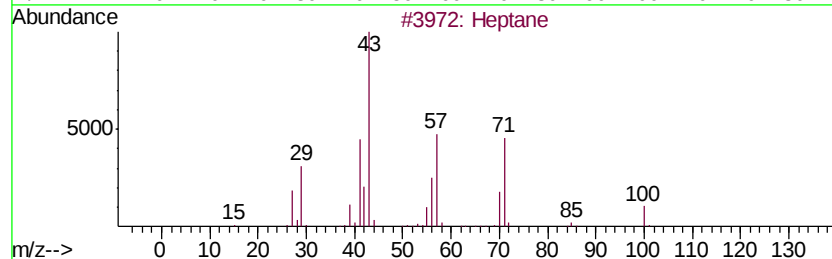
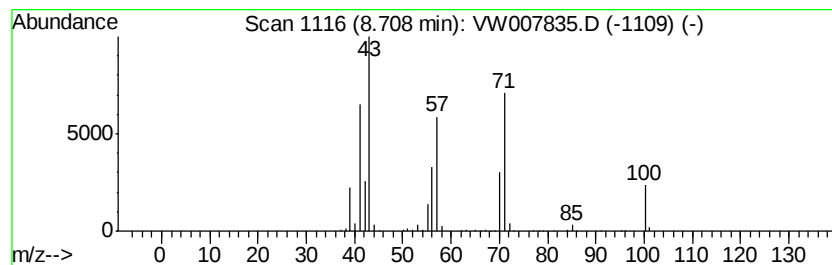
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	50.00 ug/l	1116980	1,4-Difluorobenzene	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	59
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	42
4		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	40
5		3-Hexanone	100	C6H12O	000589-38-8	38



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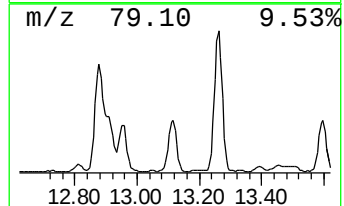
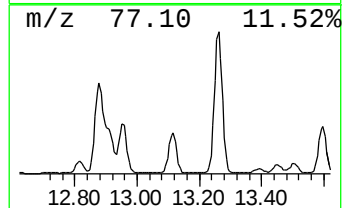
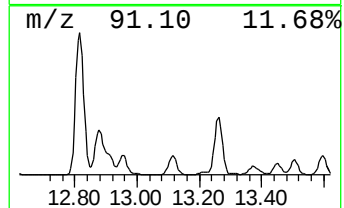
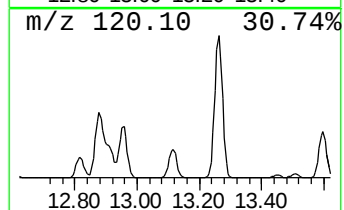
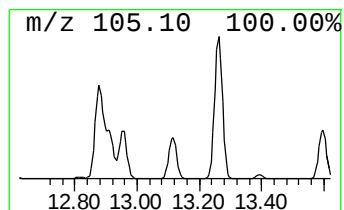
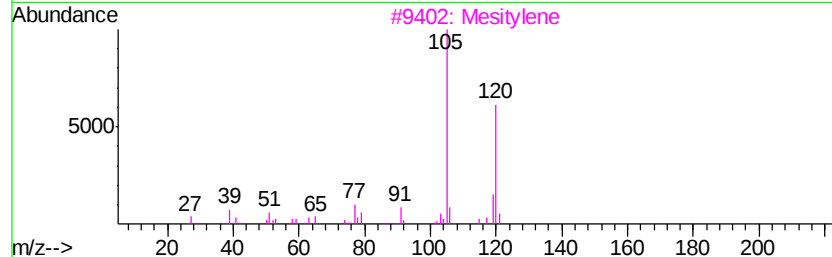
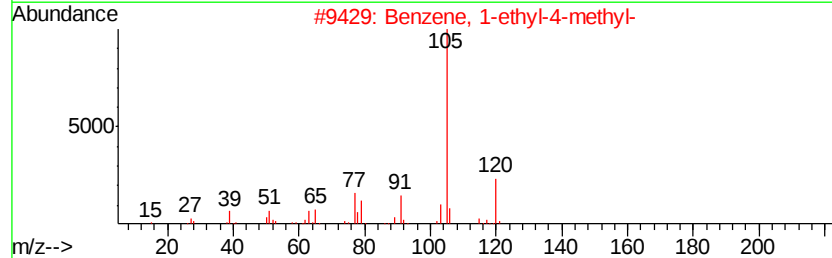
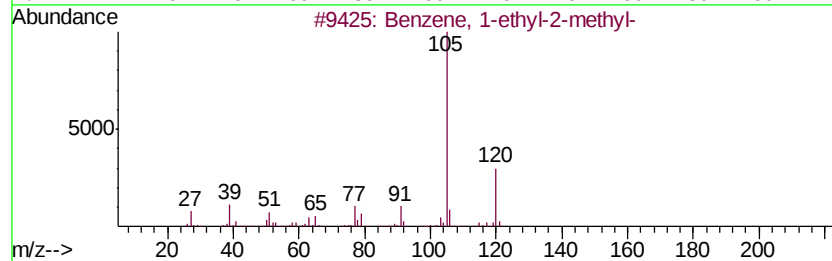
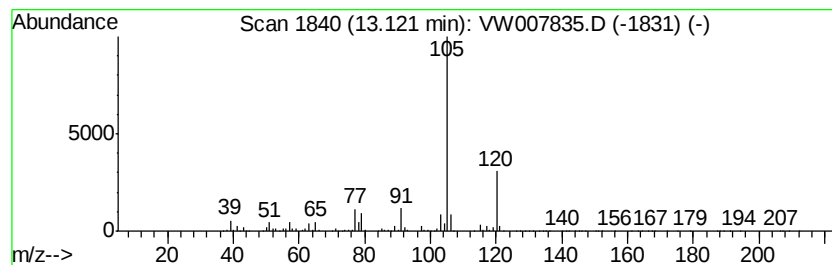
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	44.94 ug/l	2629900	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007835.D
Acq On : 22 Dec 2018 11:24
Operator : SY/AP
Sample : J6426-16
Misc : 5.84G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS013C-3036-01

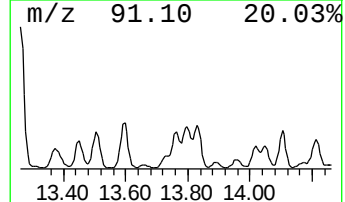
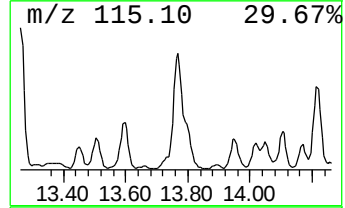
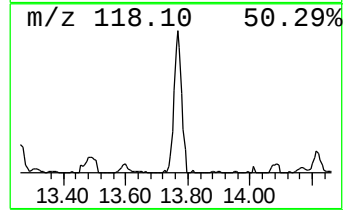
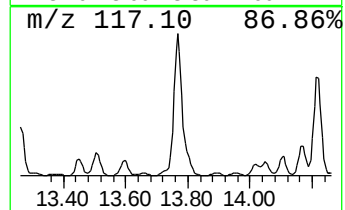
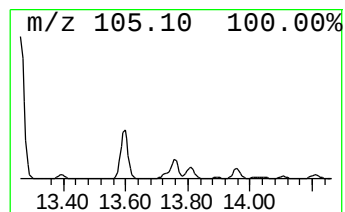
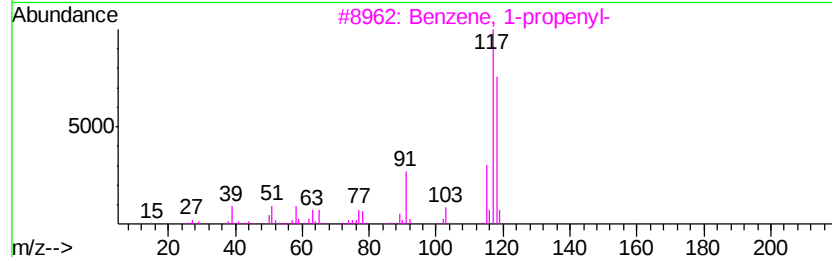
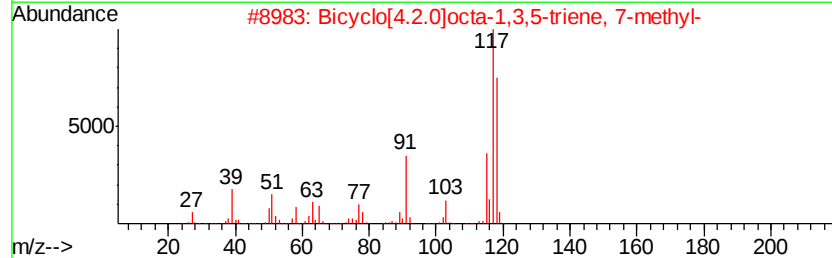
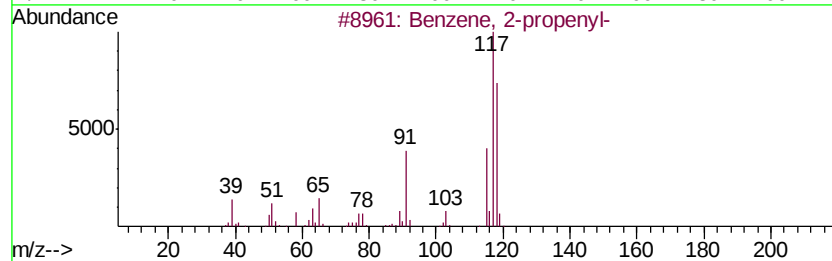
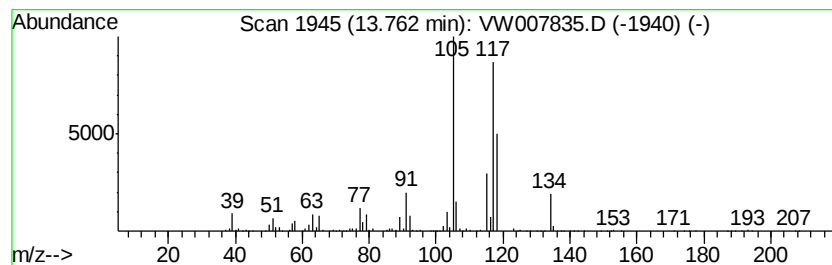
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 2-propenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	29.42 ug/l	1721790	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	64
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007835.D
Acq On : 22 Dec 2018 11:24
Operator : SY/AP
Sample : J6426-16
Misc : 5.84G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

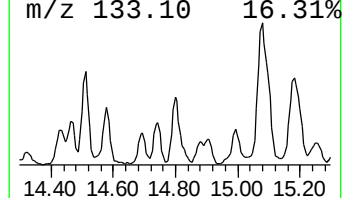
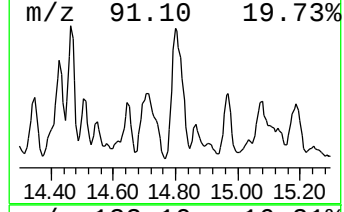
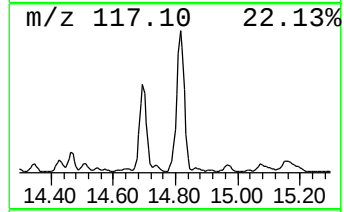
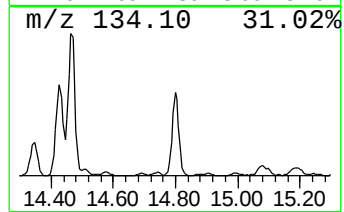
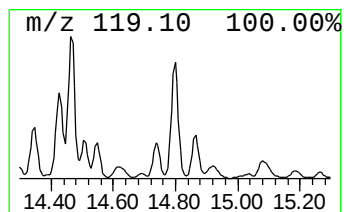
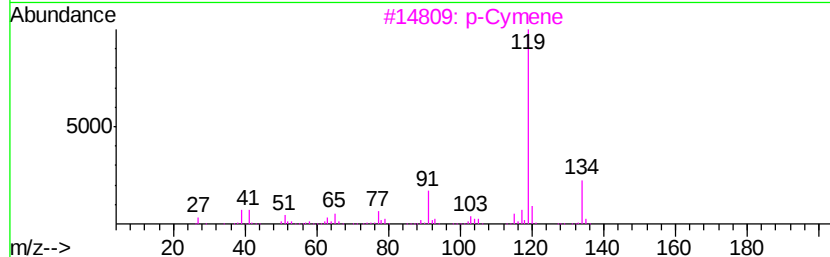
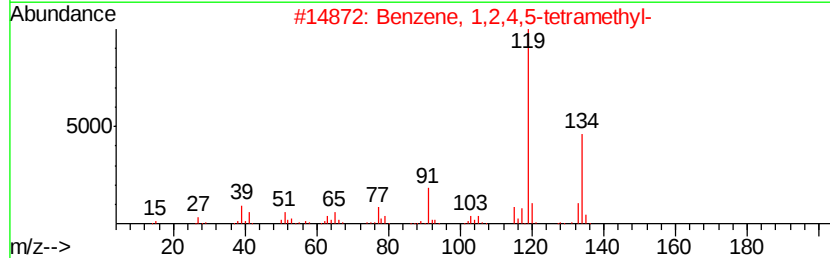
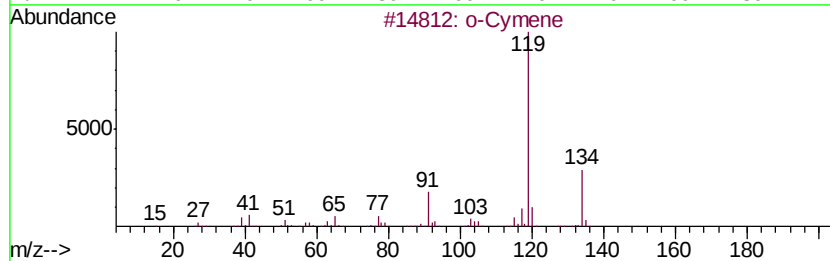
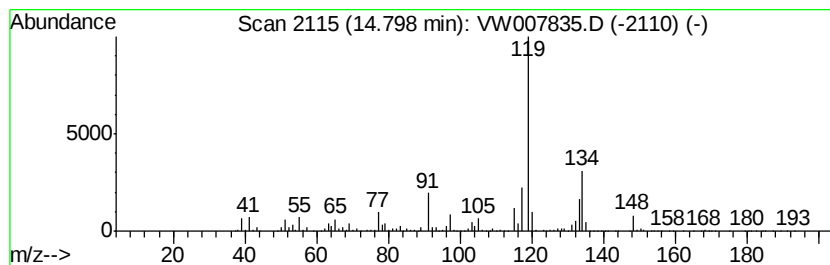
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013C-3036-01

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

Peak Number 8 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	33.49 ug/l	1960010	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 64
2		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 64
3		p-Cymene	134 C10H14	000099-87-6 60
4		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 60
5		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007835.D
Acq On : 22 Dec 2018 11:24
Operator : SY/AP
Sample : J6426-16
Misc : 5.84G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

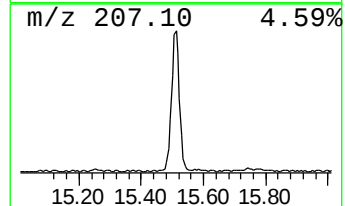
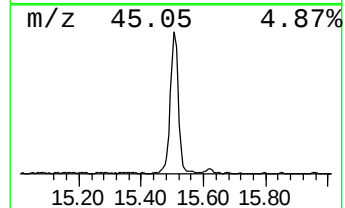
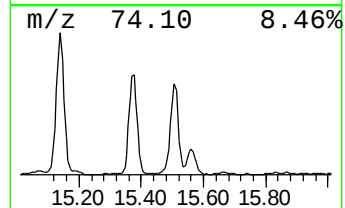
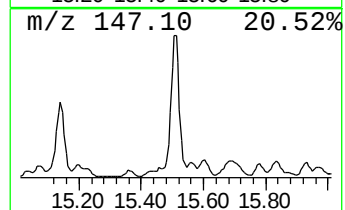
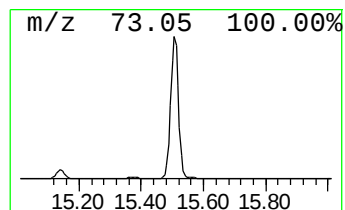
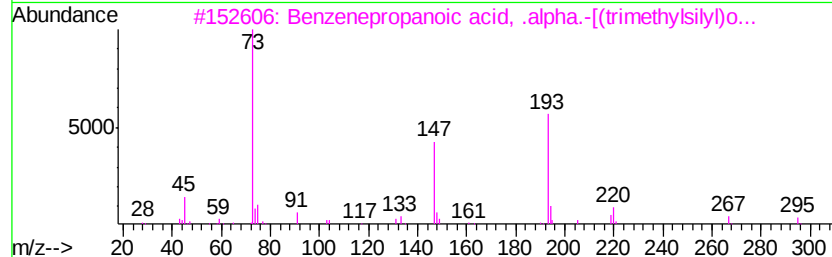
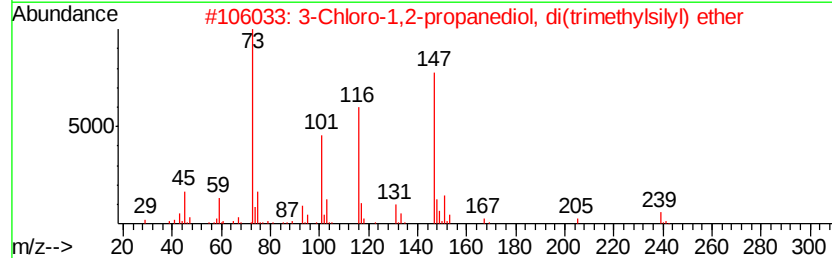
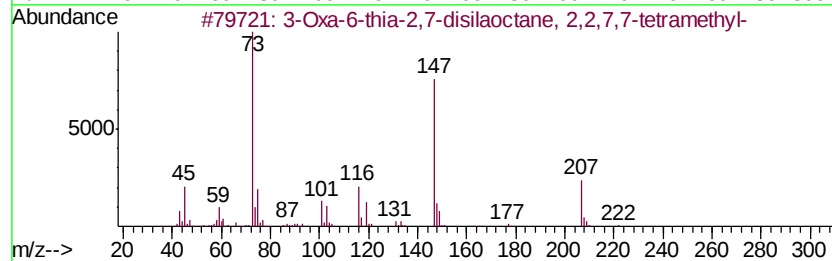
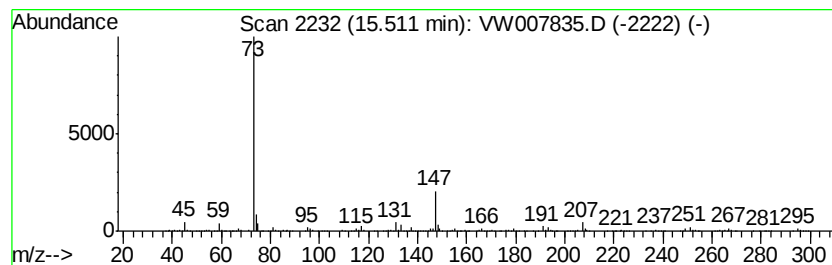
Instrument :
MSVOA_W
ClientSampleId :
P001-SS013C-3036-01

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

Peak Number 9 unknown15.51 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	22.11 ug/l	1293940	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Oxa-6-thia-2,7-disilaooctane, 2...	222 C8H22OSSi2	078921-31-0	47
2	3-Chloro-1,2-propanediol, di(tri...	254 C9H23ClO2Si2	073639-52-8	45
3	Benzenepropanoic acid, .alpha.-[...	310 C15H26O3Si2	027750-45-4	42
4	Ethanesulfonic acid, 2-[(trimeth...	270 C8H22O4SSi2	067557-58-8	42
5	2(3H)-Furanone, dihydro-3,4-bis[...	262 C10H22O4Si2	055220-75-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122318\
Data File : VW007835.D
Acq On : 22 Dec 2018 11:24
Operator : SY/AP
Sample : J6426-16
Misc : 5.84G/5ML/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS013C-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-	5.46	132.8	ug/l	6315800	1	7.98	2378570	50.0
n-Hexane	5.97	268.8	ug/l	12787400	1	7.98	2378570	50.0
Cyclopentane, met...	7.01	193.6	ug/l	9207600	1	7.98	2378570	50.0
Heptane	8.71	50.0	ug/l	1116980	2	8.87	1116980	50.0
Benzene, 1-ethyl-...	13.12	44.9	ug/l	2629900	4	13.57	2926080	50.0
Benzene, 2-propenyl-	13.76	29.4	ug/l	1721790	4	13.57	2926080	50.0
o-Cymene	14.80	33.5	ug/l	1960010	4	13.57	2926080	50.0
unknown15.51	15.51	22.1	ug/l	1293940	4	13.57	2926080	50.0