

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007592.D
 Acq On : 15 Dec 2018 19:36
 Operator : SY/AP
 Sample : J6378-06
 Misc : 2.63G/5ML/MSVOA_W/SOIL
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD010-0006-01

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\82W121118S.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	4.116	354	363	374	rBB	6019	16240	1.17%	0.200%
2	4.952	477	500	519	rBV	185002	753357	54.10%	9.281%
3	5.433	564	579	603	rBV	311688	1117788	80.28%	13.771%
4	5.939	646	662	675	rBV	123082	371360	26.67%	4.575%
5	6.982	821	833	851	rVV	465001	1392422	100.00%	17.155%
6	7.146	851	860	875	rVB2	7736	28825	2.07%	0.355%
7	7.884	971	981	985	rBV2	33909	78105	5.61%	0.962%
8	7.951	985	992	1001	rVV2	117697	300100	21.55%	3.697%
9	8.024	1001	1004	1014	rVV4	9124	22583	1.62%	0.278%
10	8.158	1017	1026	1032	rVV2	14281	33709	2.42%	0.415%
11	8.219	1032	1036	1043	rVV4	6730	17540	1.26%	0.216%
12	8.311	1043	1051	1062	rVB2	38742	95937	6.89%	1.182%
13	8.433	1062	1071	1077	rBV2	25636	59649	4.28%	0.735%
14	8.506	1077	1083	1088	rVV2	23274	51202	3.68%	0.631%
15	8.573	1088	1094	1105	rVB3	36213	81780	5.87%	1.008%
16	8.841	1129	1138	1147	rBV	68062	133503	9.59%	1.645%
17	9.335	1206	1219	1230	rBB	145327	304218	21.85%	3.748%
18	10.323	1373	1381	1391	rBV	101072	184826	13.27%	2.277%
19	10.493	1404	1409	1421	rVB6	6059	16941	1.22%	0.209%
20	11.658	1588	1600	1607	rBV2	212835	447248	32.12%	5.510%
21	11.835	1622	1629	1649	rVB	794166	1267364	91.02%	15.614%
22	12.469	1728	1733	1738	rVB	10889	16609	1.19%	0.205%
23	12.621	1751	1758	1765	rVB3	63111	109704	7.88%	1.352%
24	12.804	1778	1788	1794	rVB	15318	29701	2.13%	0.366%
25	12.871	1794	1799	1804	rBV	17032	26118	1.88%	0.322%
26	12.944	1804	1811	1818	rBV2	18708	31041	2.23%	0.382%
27	13.255	1856	1862	1868	rBV	145526	217573	15.63%	2.681%
28	13.505	1897	1903	1908	rBV	45726	74523	5.35%	0.918%
29	13.584	1908	1916	1931	rVB3	386548	696188	50.00%	8.577%
30	13.761	1941	1945	1948	rVV2	8716	15044	1.08%	0.185%
31	14.096	1994	2000	2006	rVB3	20189	47977	3.45%	0.591%
32	14.206	2014	2018	2024	rVB3	7897	14409	1.03%	0.178%
33	14.426	2050	2054	2057	rVV	10638	17402	1.25%	0.214%
34	14.462	2057	2060	2064	rVB	13847	19856	1.43%	0.245%

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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 >
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35	14.797	2110	2115	2122	rBV3	11066	26010	1.87%	0.320%
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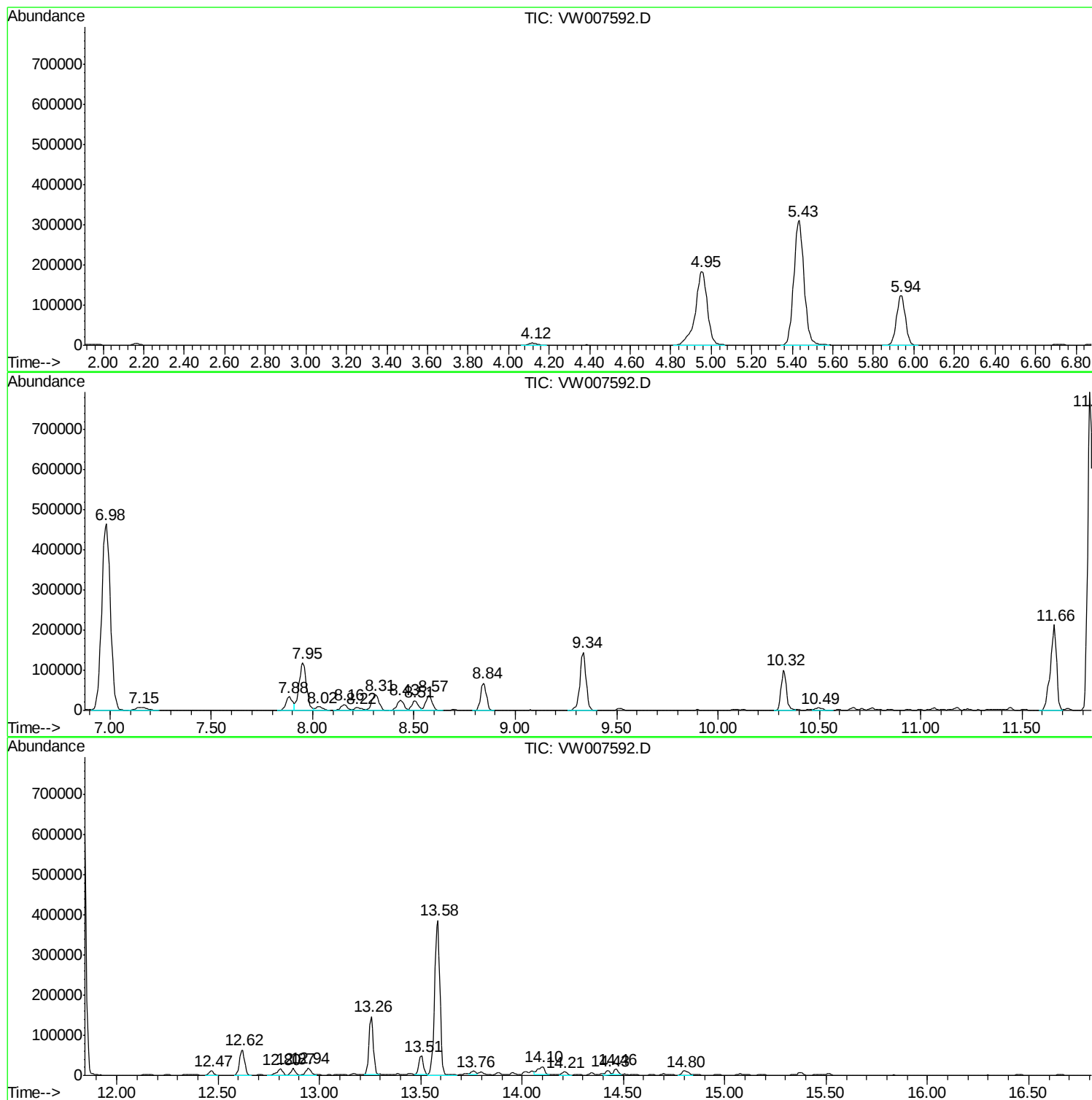
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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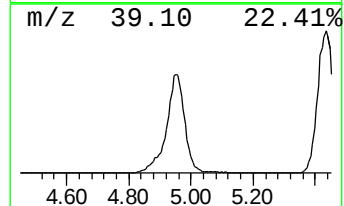
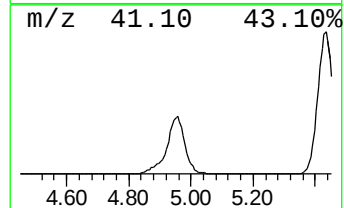
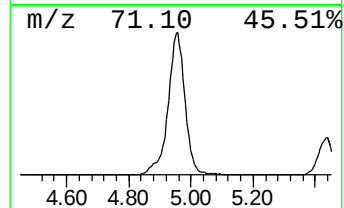
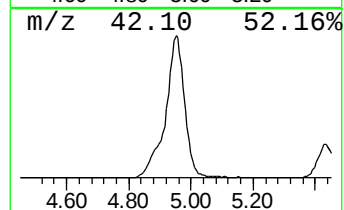
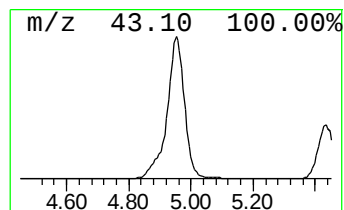
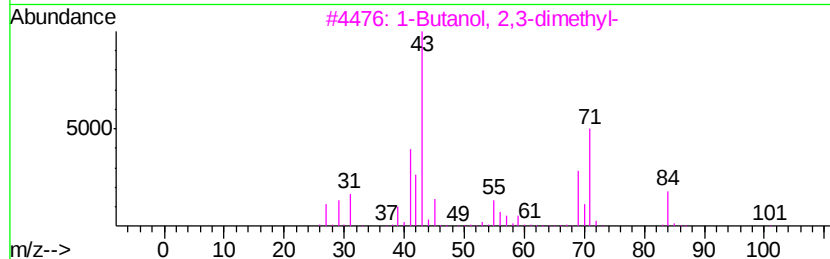
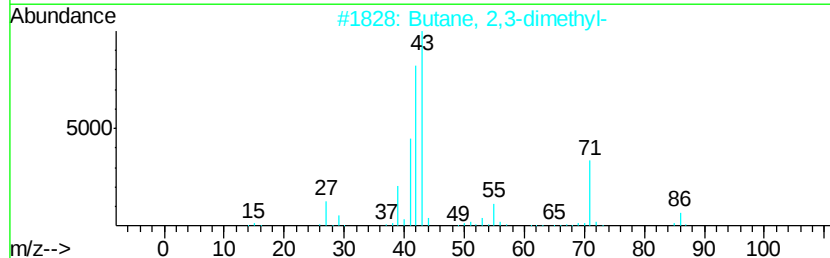
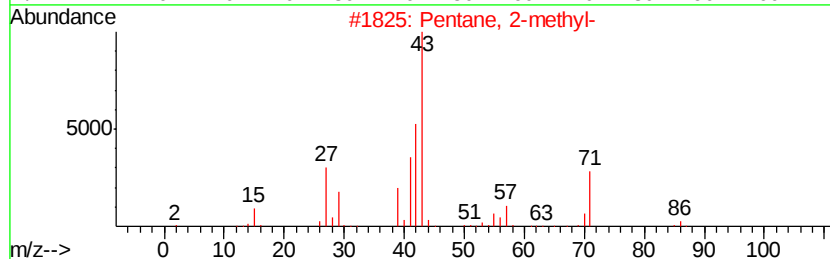
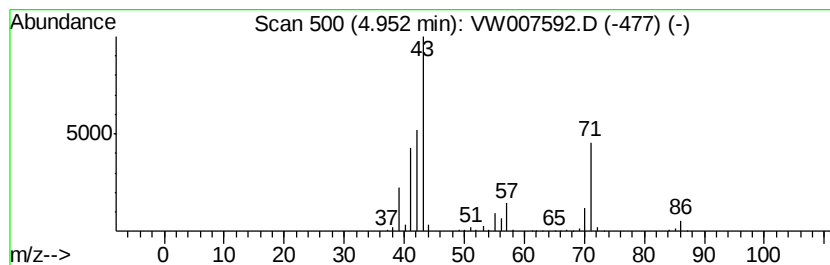
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	125.52 ug/l	753357	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
3		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4		Pentane	72	C5H12	000109-66-0	43
5		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38



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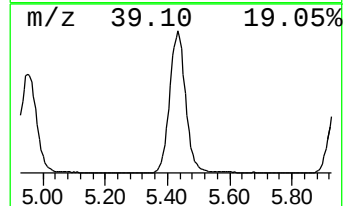
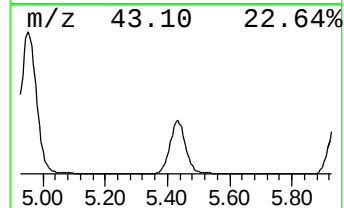
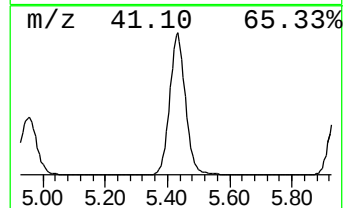
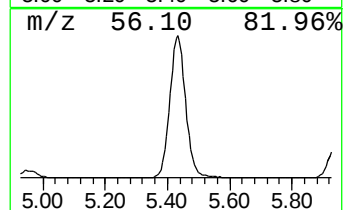
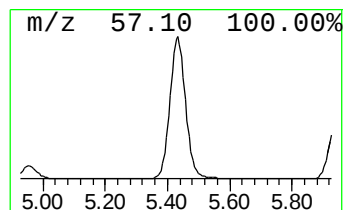
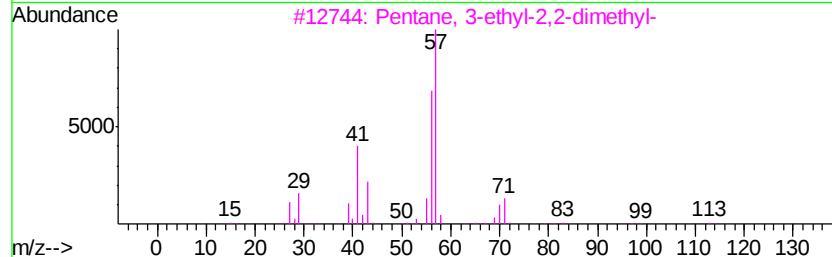
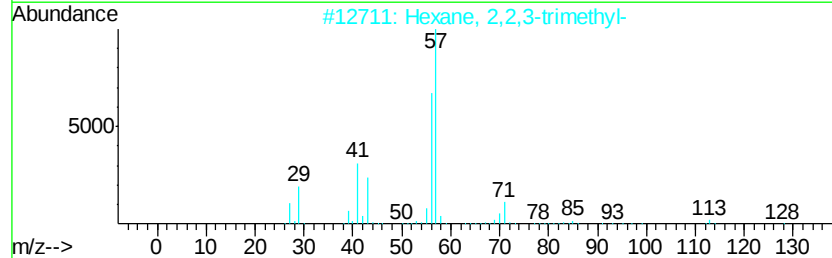
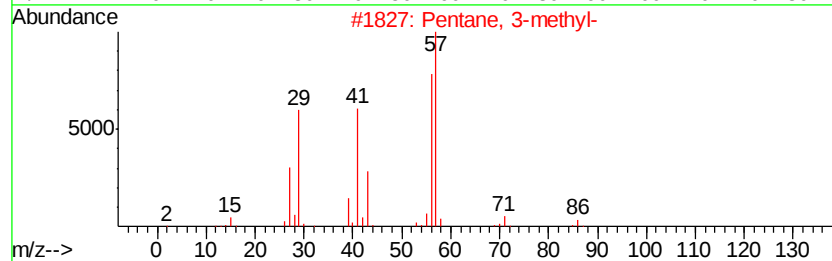
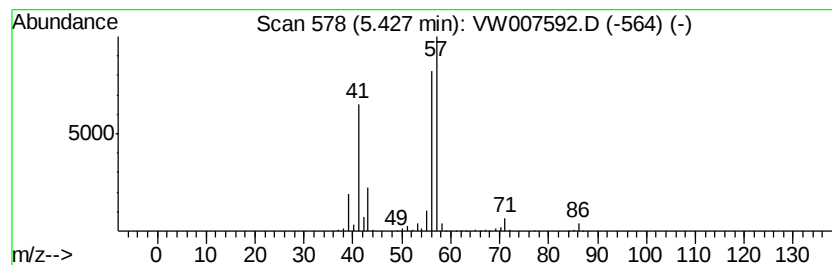
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Peak Number 2 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	186.24 ug/l	1117790	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	43
3		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
4		3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	40
5		Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40



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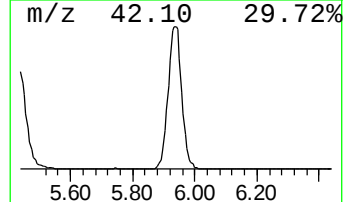
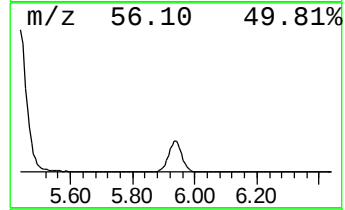
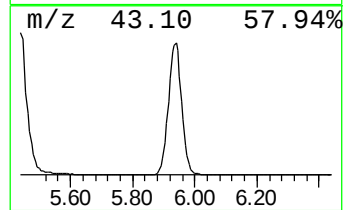
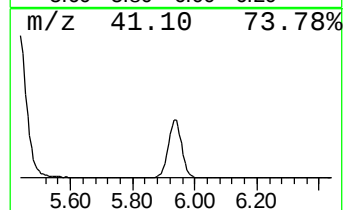
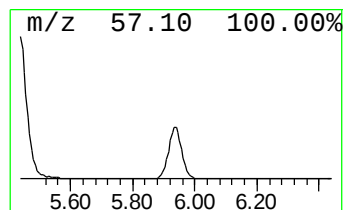
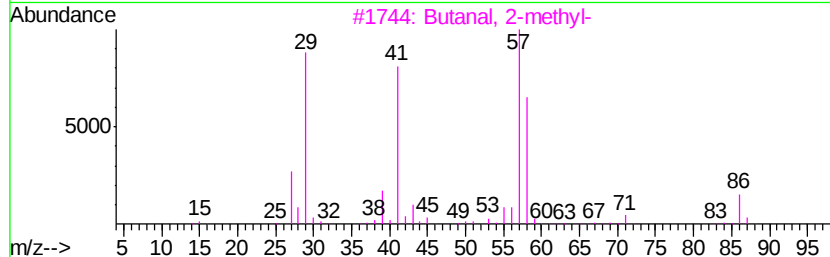
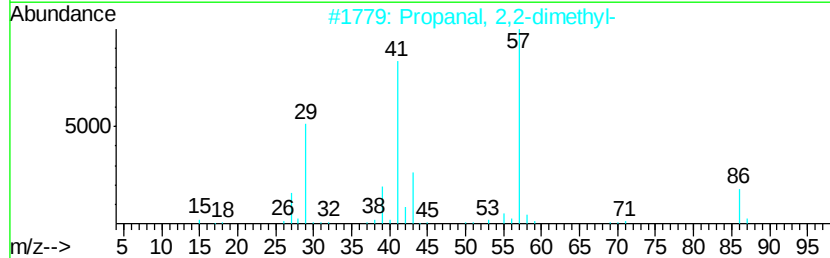
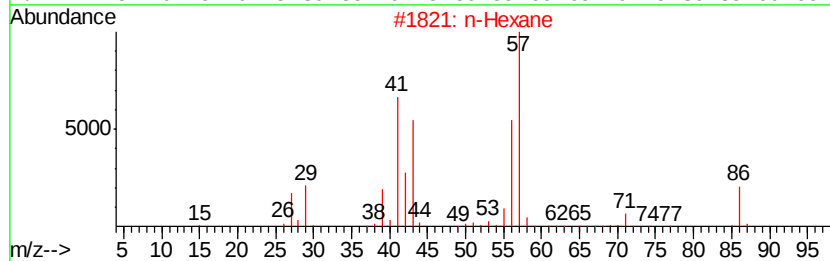
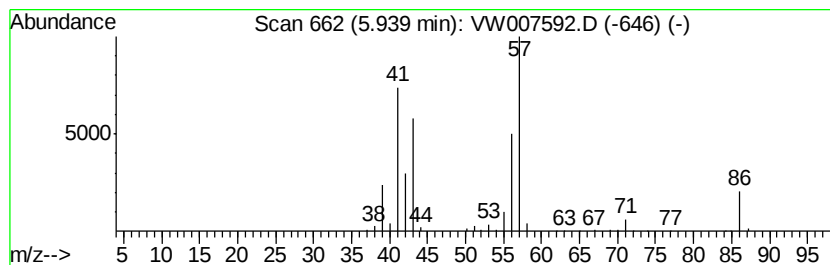
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	61.87 ug/l	371360	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
3		Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
4		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38
5		Morpholine	87	C4H9NO	000110-91-8	33



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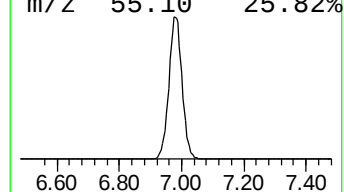
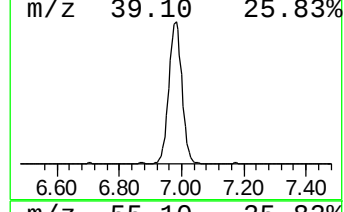
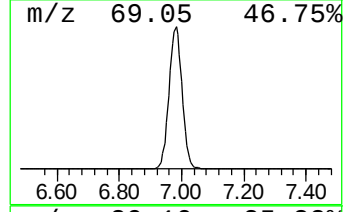
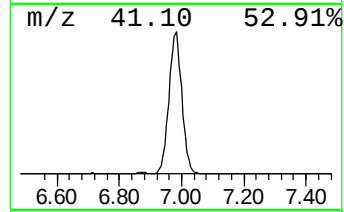
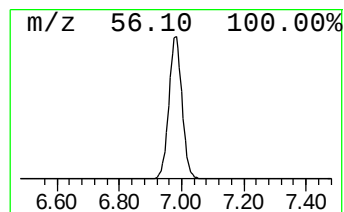
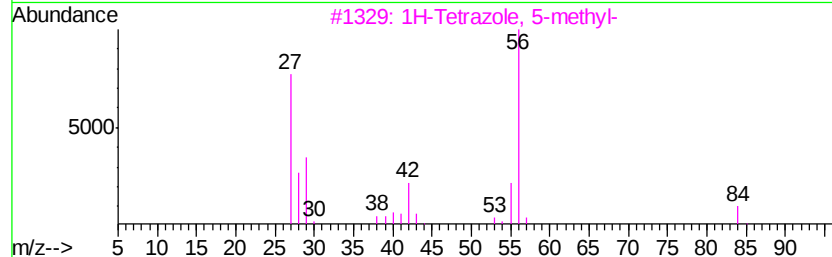
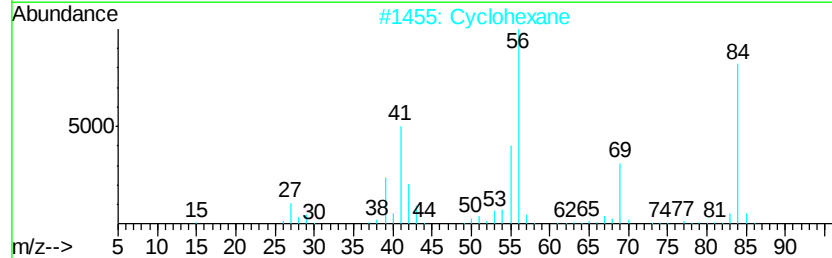
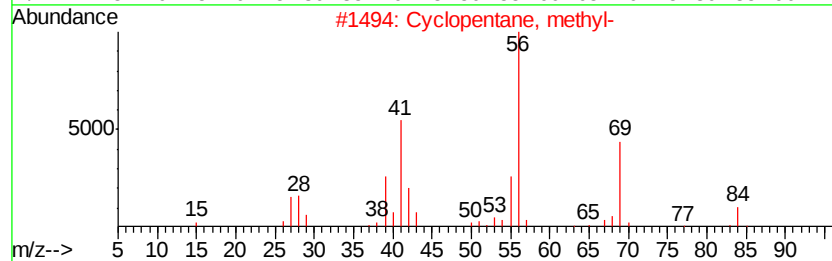
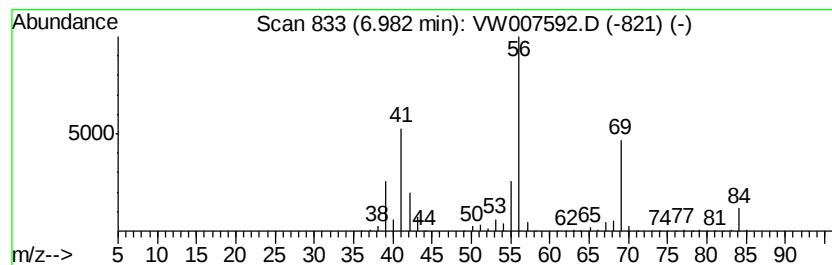
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	231.99 ug/l	1392420	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclohexane	84	C6H12	000110-82-7	80
3		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4		2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	64
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64



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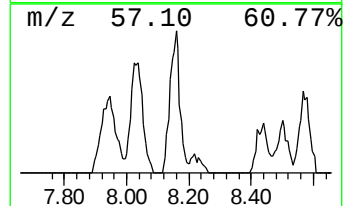
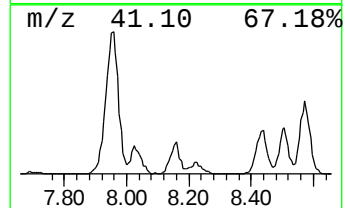
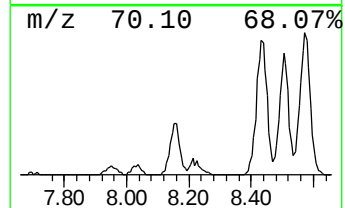
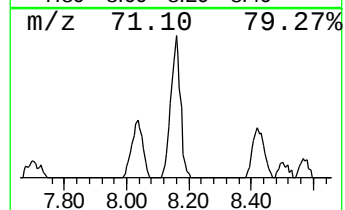
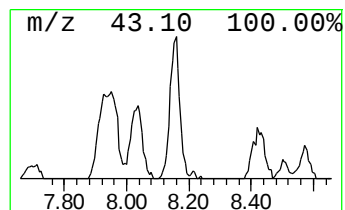
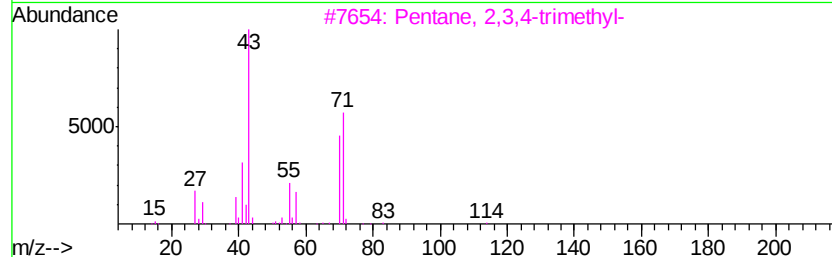
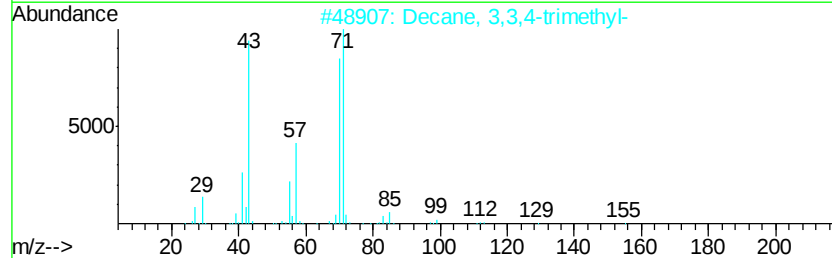
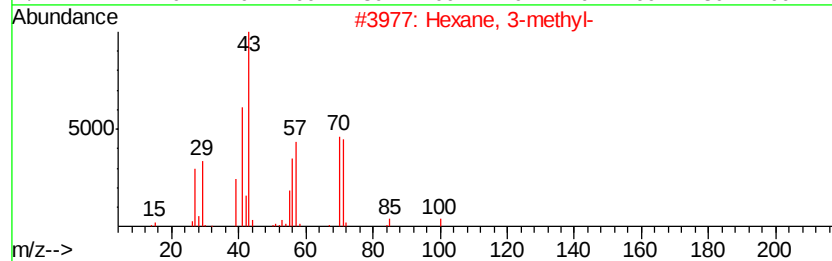
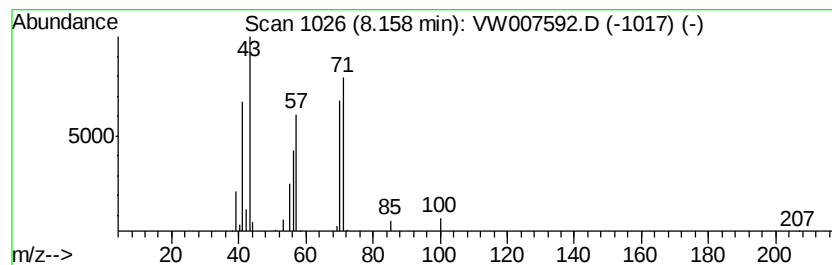
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	5.62 ug/l	33709	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
2		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	45
5		1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007592.D
Acq On : 15 Dec 2018 19:36
Operator : SY/AP
Sample : J6378-06
Misc : 2.63G/5ML/MSVOA_W/SOIL
ALS Vial : 78 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

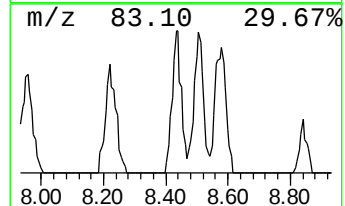
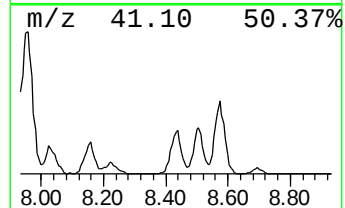
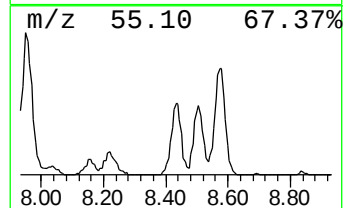
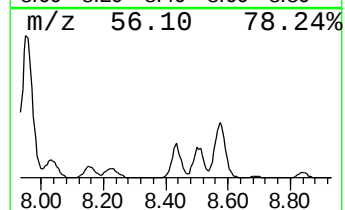
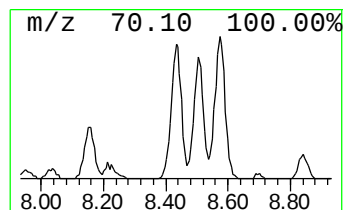
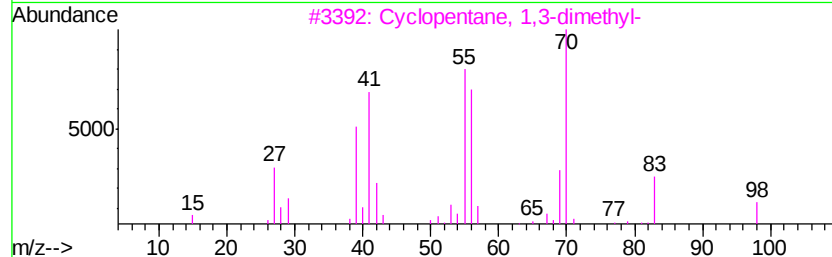
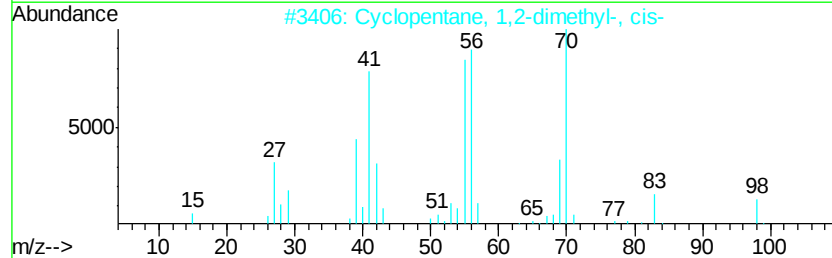
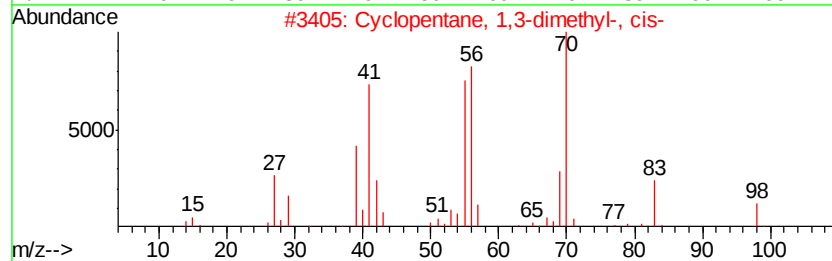
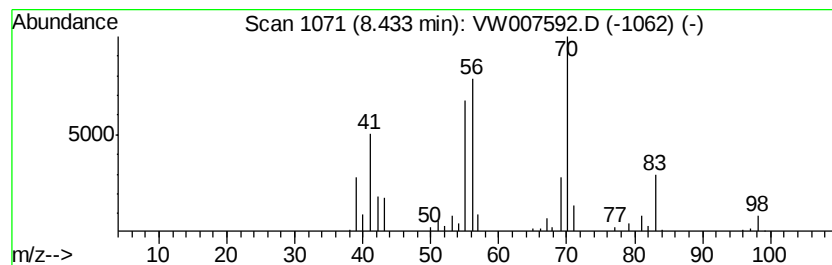
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclopentane, 1,3-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	22.34 ug/l	59649	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	93
2		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	76
3		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	59
4		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	58
5		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007592.D
Acq On : 15 Dec 2018 19:36
Operator : SY/AP
Sample : J6378-06
Misc : 2.63G/5ML/MSVOA_W/SOIL
ALS Vial : 78 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

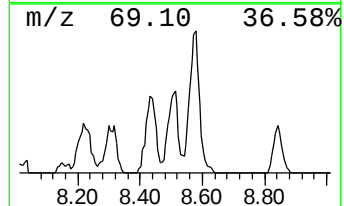
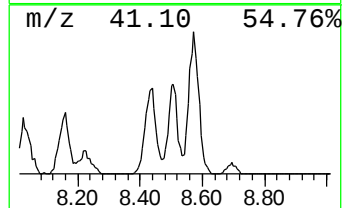
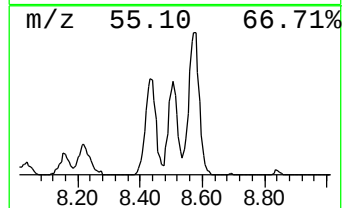
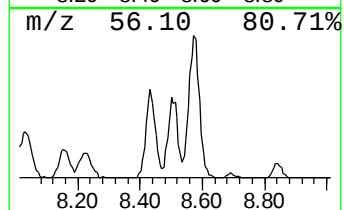
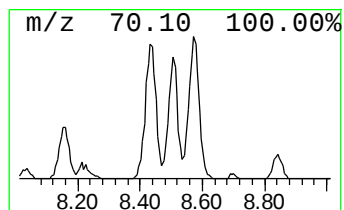
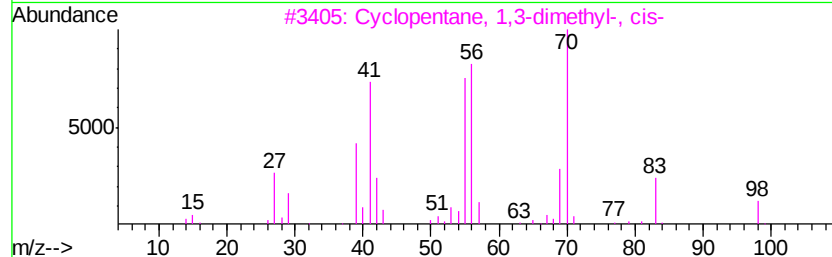
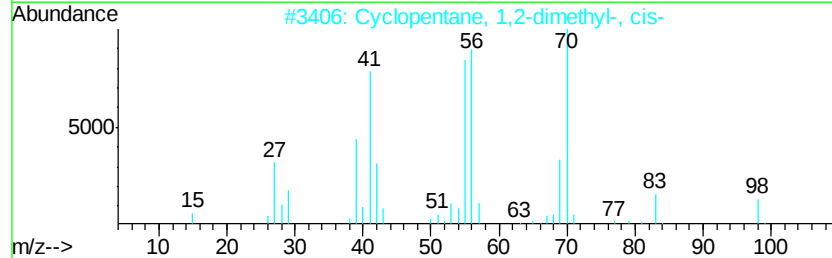
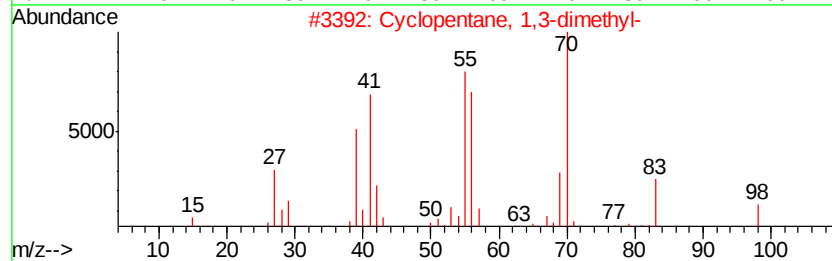
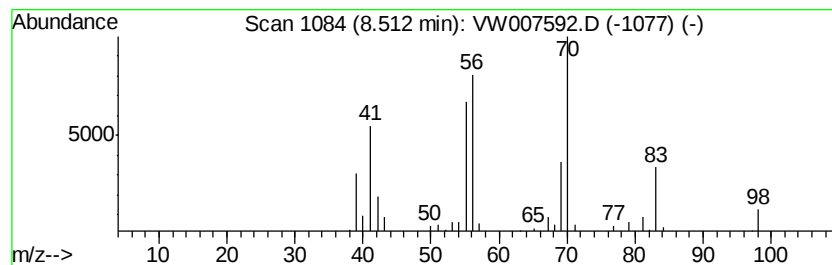
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	19.18 ug/l	51202	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
2		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	93
3		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	93
4		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	52
5		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007592.D
Acq On : 15 Dec 2018 19:36
Operator : SY/AP
Sample : J6378-06
Misc : 2.63G/5ML/MSVOA_W/SOIL
ALS Vial : 78 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

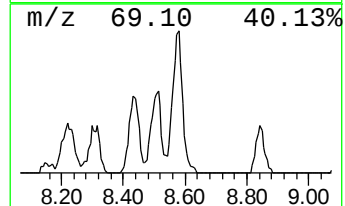
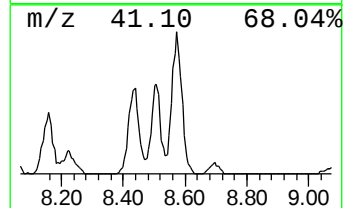
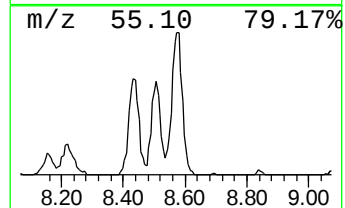
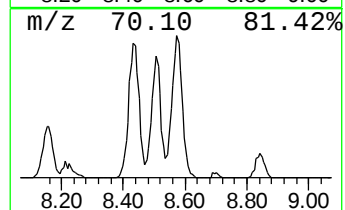
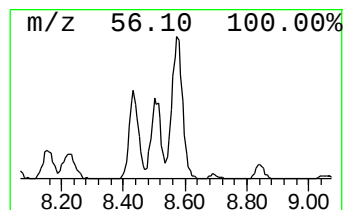
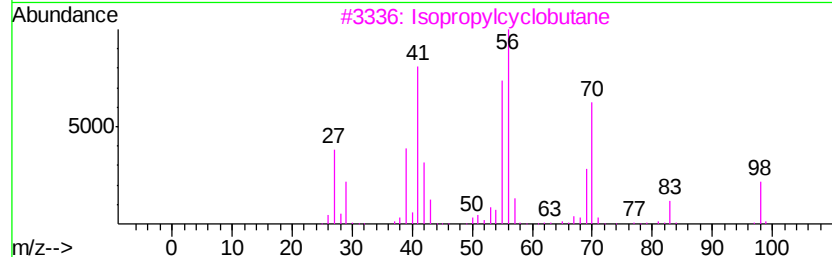
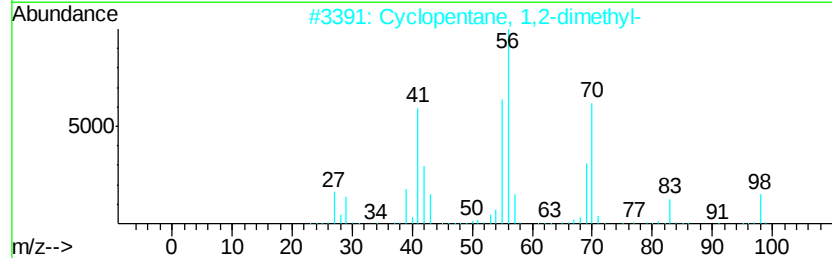
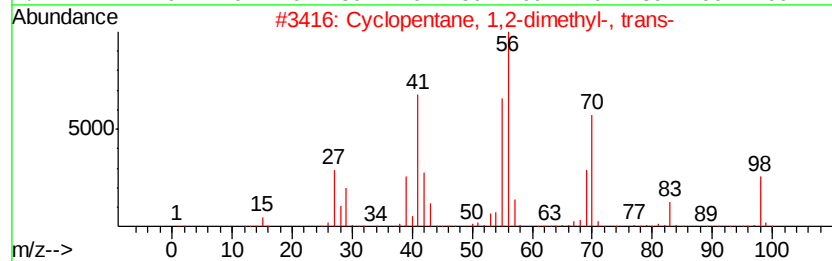
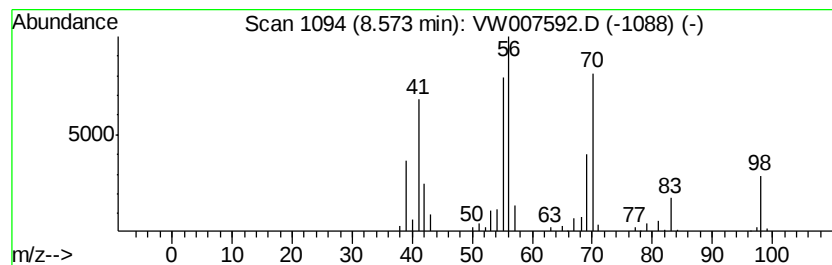
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

Peak Number 8 Cyclopentane, 1,2-dimethyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	30.63 ug/l	81780	1,4-Difluorobenzene	8.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
2		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
3		Isopropylcyclobutane	98	C7H14	000872-56-0	91
4		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86
5		1-Heptene	98	C7H14	000592-76-7	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007592.D
Acq On : 15 Dec 2018 19:36
Operator : SY/AP
Sample : J6378-06
Misc : 2.63G/5ML/MSVOA_W/SOIL
ALS Vial : 78 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SD010-0006-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.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, 2-methyl-	4.95	125.5	ug/l	753357	1	7.95	300100	50.0
Pentane, 3-methyl-	5.43	186.2	ug/l	1117790	1	7.95	300100	50.0
n-Hexane	5.94	61.9	ug/l	371360	1	7.95	300100	50.0
Cyclopentane, met...	6.98	232.0	ug/l	1392420	1	7.95	300100	50.0
Hexane, 3-methyl-	8.16	5.6	ug/l	33709	1	7.95	300100	50.0
Cyclopentane, 1,3...	8.43	22.3	ug/l	59649	2	8.84	133503	50.0
Cyclopentane, 1,3...	8.51	19.2	ug/l	51202	2	8.84	133503	50.0
Cyclopentane, 1,2...	8.57	30.6	ug/l	81780	2	8.84	133503	50.0