

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007608.D
 Acq On : 16 Dec 2018 04:15
 Operator : SY/AP
 Sample : J6378-14
 Misc : 4.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD013-0006-01

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

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	4.946	473	499	522	rBV2	140007	563901	1.88%	1.471%
2	5.428	562	578	608	rBV	282441	980115	3.28%	2.556%
3	5.928	647	660	676	rBV3	227577	690978	2.31%	1.802%
4	6.976	820	832	847	rVB	511432	1517579	5.07%	3.958%
5	9.329	1206	1218	1233	rBV	155615	337637	1.13%	0.880%
6	11.658	1590	1600	1607	rVV	563597	1010217	3.38%	2.634%
7	11.841	1621	1630	1643	rBV	17937807	29916031	100.00%	78.015%
8	12.871	1793	1799	1806	rBV	398853	632210	2.11%	1.649%
9	12.945	1806	1811	1825	rVB	229208	372170	1.24%	0.971%
10	13.256	1855	1862	1868	rBV	617962	962178	3.22%	2.509%
11	13.585	1908	1916	1923	rVB3	606096	1063483	3.55%	2.773%
12	15.371	2198	2209	2216	rBV	172418	300079	1.00%	0.783%

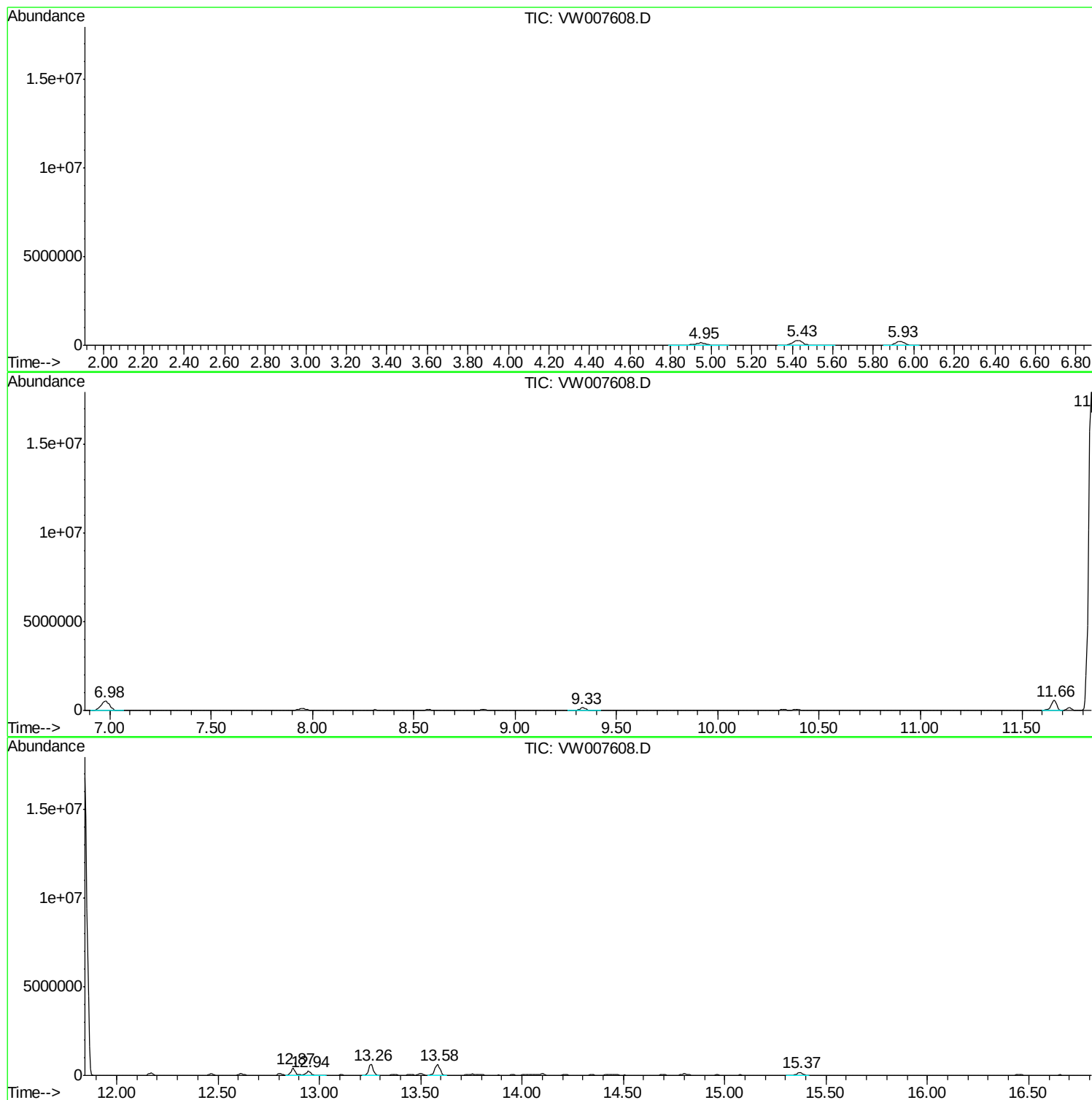
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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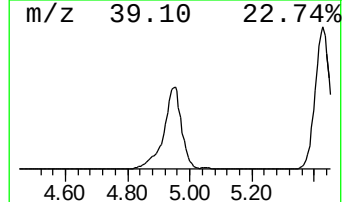
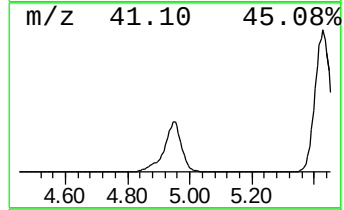
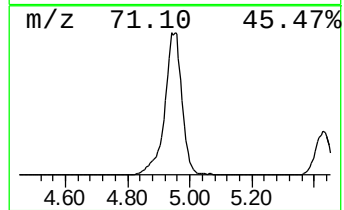
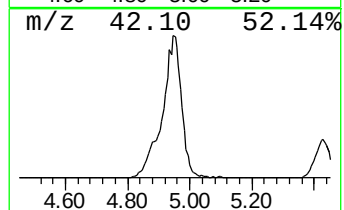
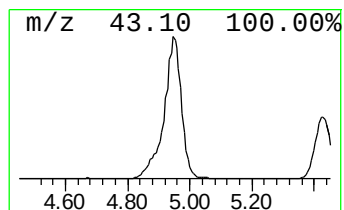
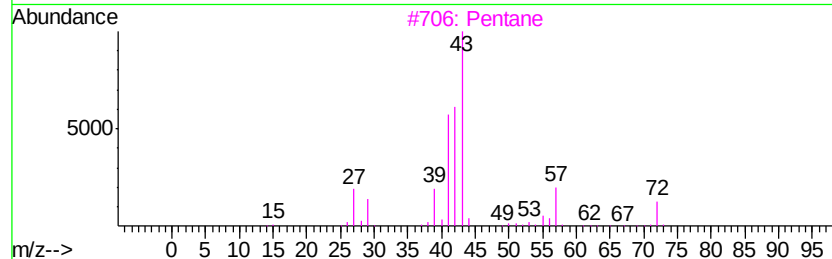
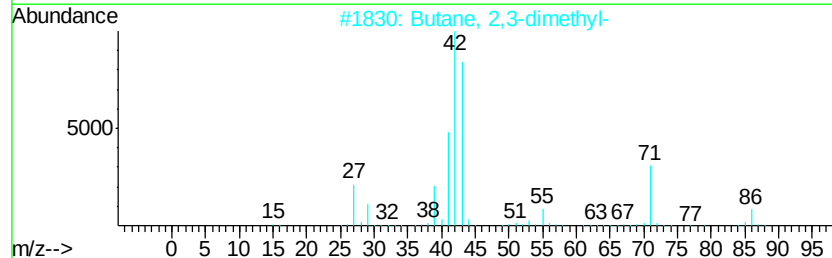
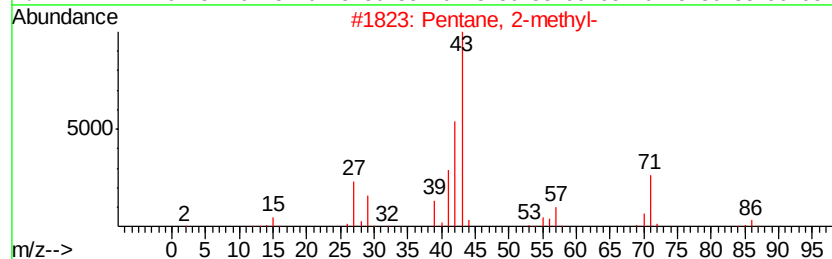
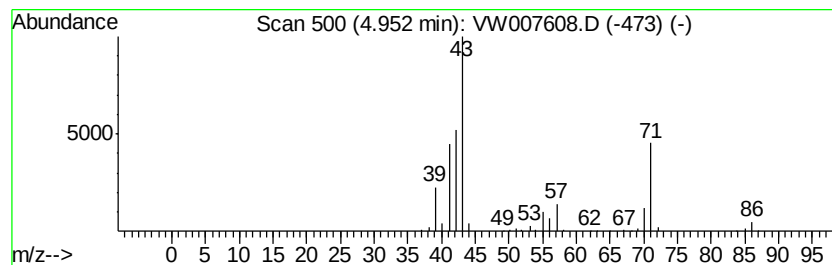
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	18.58 ug/l	563901	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		Pentane	72	C5H12	000109-66-0	46
4		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
5		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38



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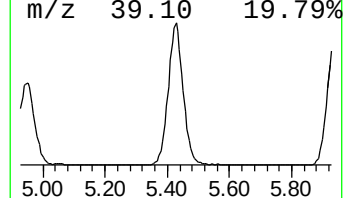
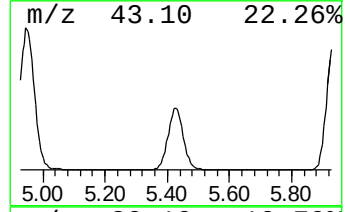
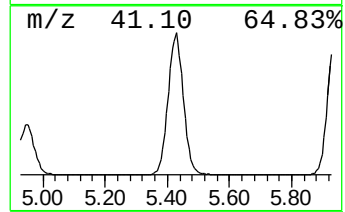
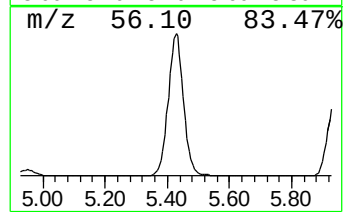
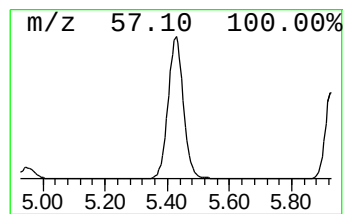
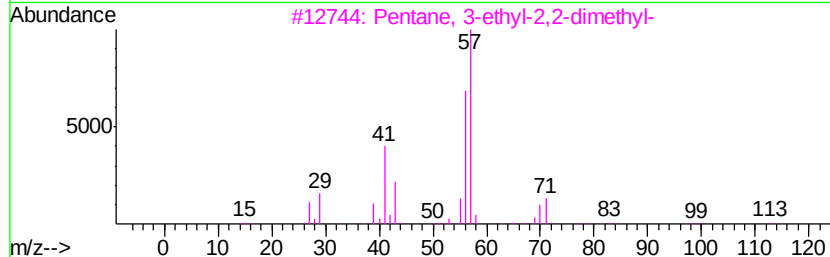
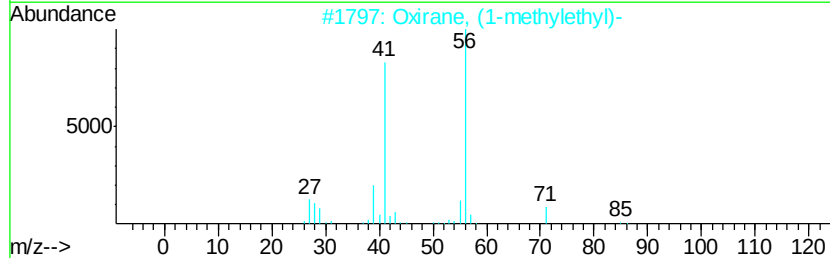
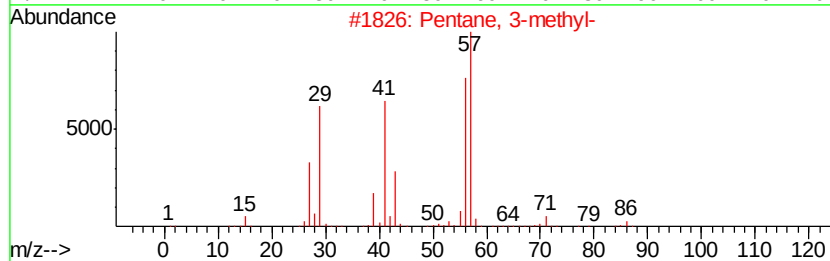
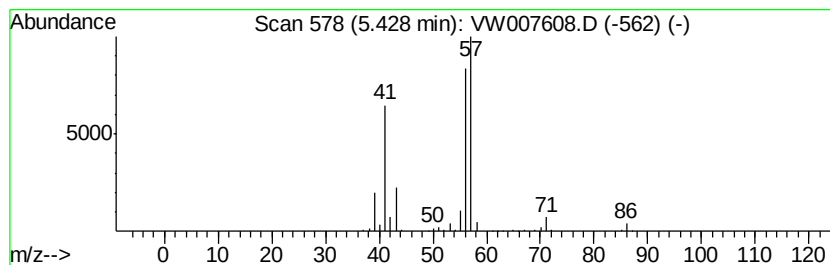
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Peak Number 2 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	32.29 ug/l	980115	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	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		Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40



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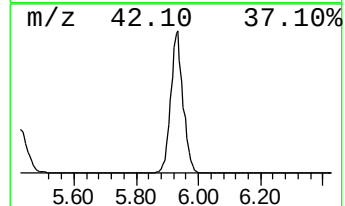
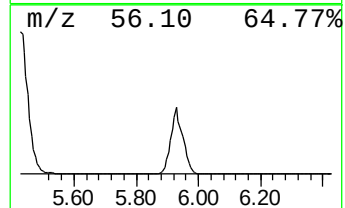
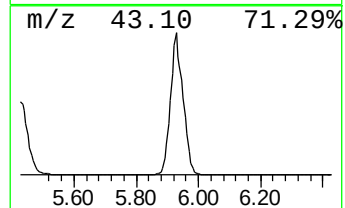
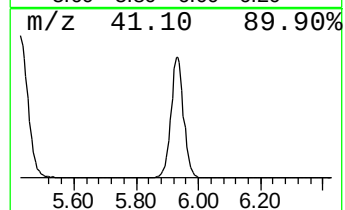
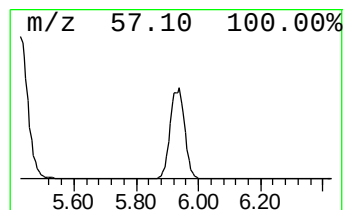
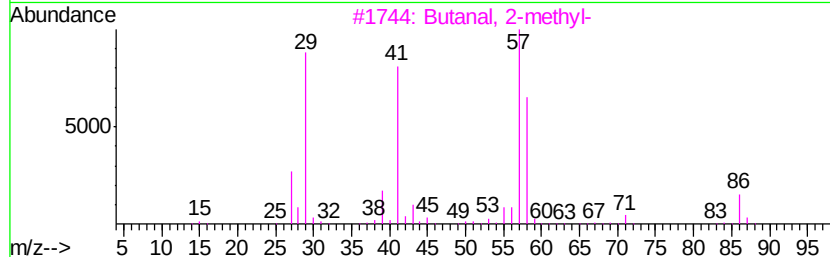
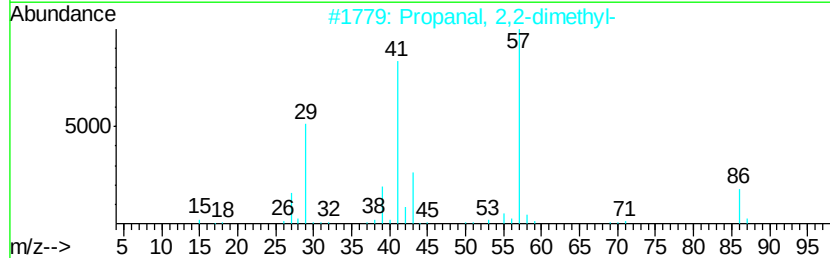
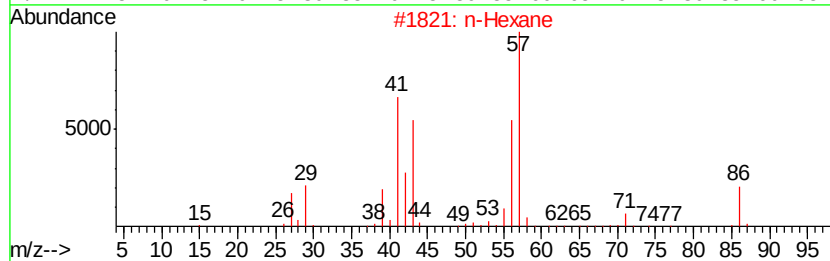
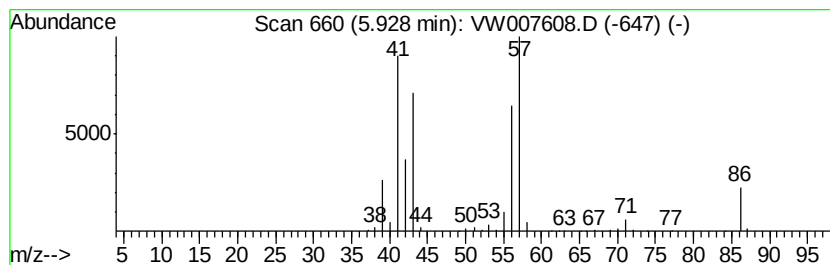
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Peak Number 3 n-Hexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	22.77 ug/l	690978	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		Pentane, 3-methyl-	86	C6H14	000096-14-0	40
5		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38



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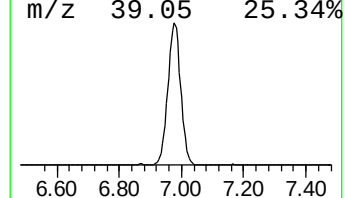
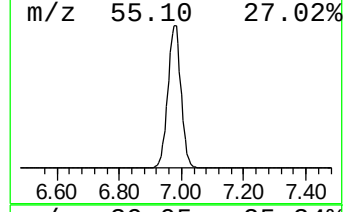
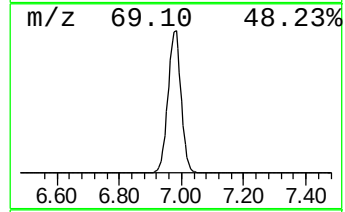
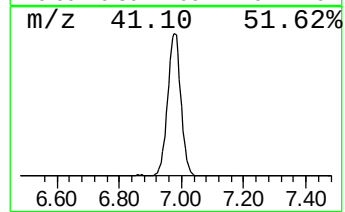
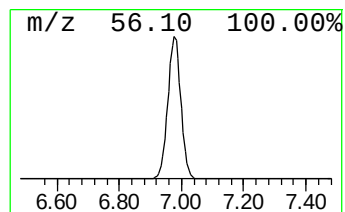
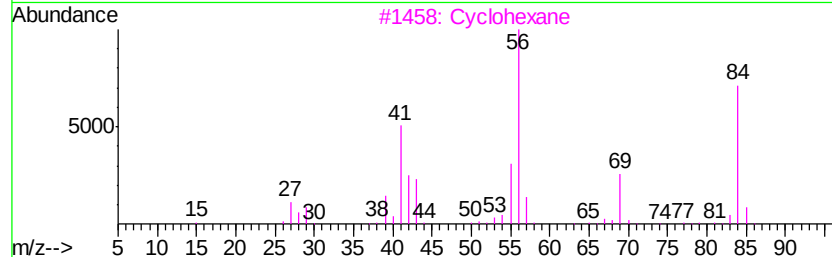
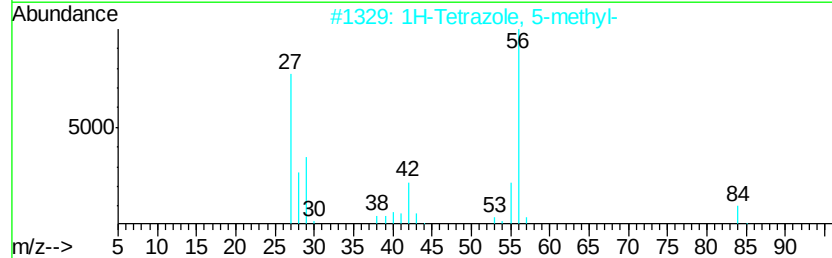
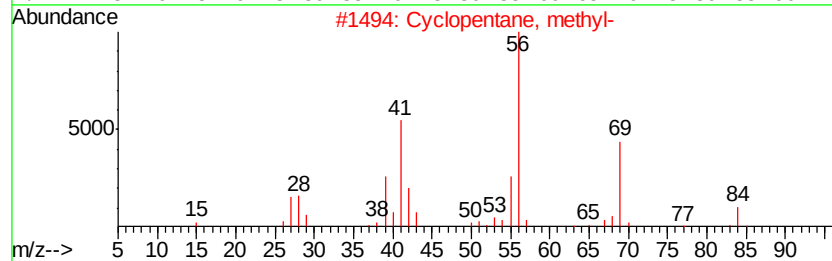
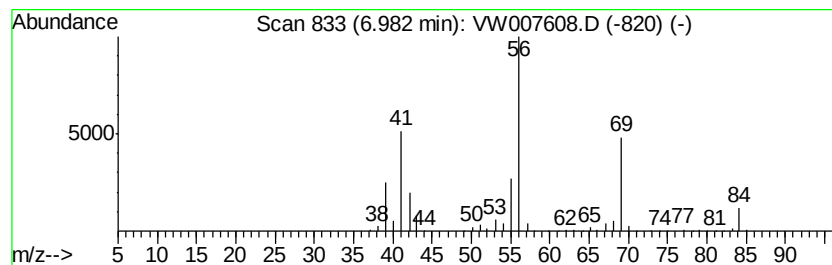
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Peak Number 4 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.98	50.00 ug/l	1517580	Pentafluorobenzene	7.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3		Cyclohexane	84	C6H12	000110-82-7	78
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43



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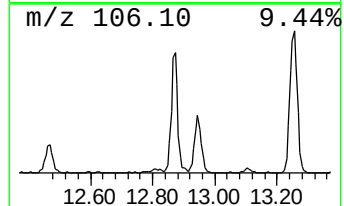
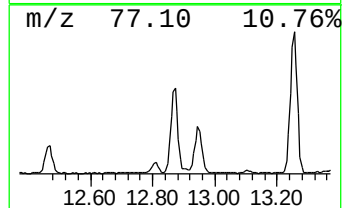
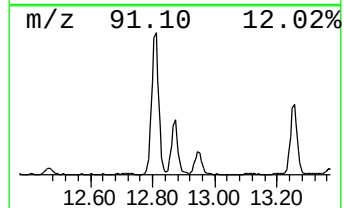
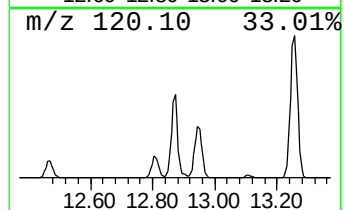
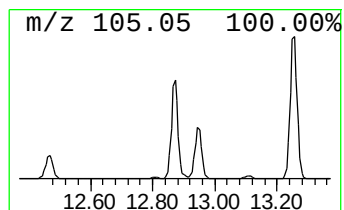
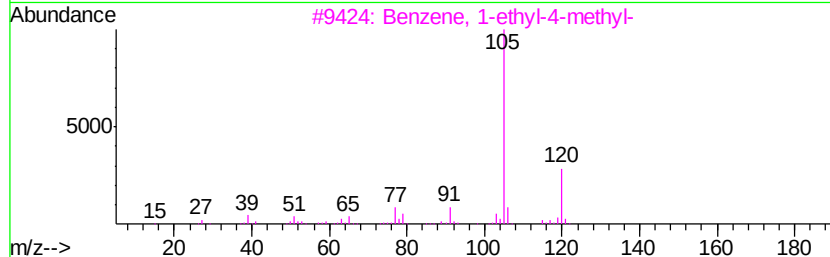
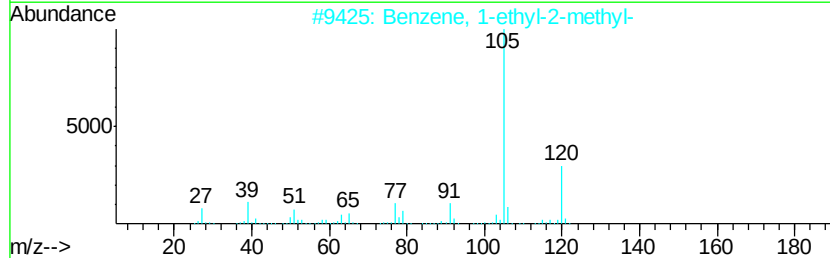
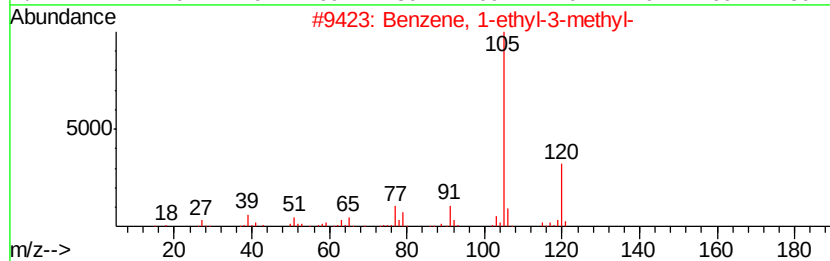
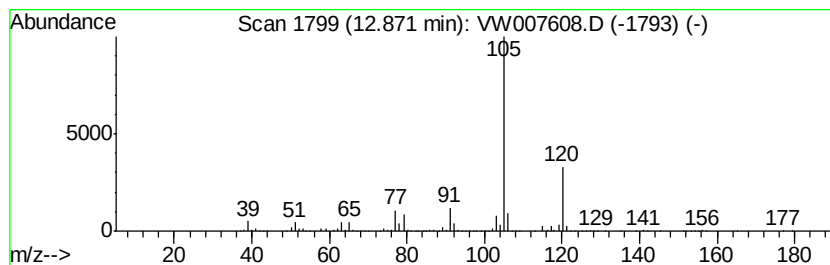
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	29.72 ug/l	632210	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5		Mesitylene	120	C9H12	000108-67-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2-methyl-	4.95	18.6	ug/l	563901	1	7.95	1517580	50.0
Pentane, 3-methyl-	5.43	32.3	ug/l	980115	1	7.95	1517580	50.0
n-Hexane	5.93	22.8	ug/l	690978	1	7.95	1517580	50.0
Cyclopentane, met...	6.98	50.0	ug/l	1517580	1	7.95	1517580	50.0
Benzene, 1-ethyl-...	12.87	29.7	ug/l	632210	4	13.56	1063480	50.0