

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001215.D
 Acq On : 15 Jan 2020 14:10
 Operator : SY/MD
 Sample : L1125-01
 Misc : 5.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FESB-28-(1.5-2)

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_Y\METHODS\82Y011020S.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	2.249	81	84	91	rVB	11935	19635	2.12%	0.328%
2	2.908	184	192	203	rVB2	23992	56016	6.03%	0.935%
3	3.255	241	249	260	rVB2	5889	14697	1.58%	0.245%
4	4.731	481	491	494	rBV3	10243	28930	3.12%	0.483%
5	4.816	494	505	525	rVB	238151	824179	88.79%	13.753%
6	5.761	647	660	672	rBV3	21158	66183	7.13%	1.104%
7	6.803	824	831	841	rVB6	3525	10815	1.17%	0.180%
8	6.992	850	862	875	rBV	35499	103512	11.15%	1.727%
9	7.730	973	983	989	rBV2	122483	296369	31.93%	4.945%
10	7.803	989	995	1005	rVB	209222	474592	51.13%	7.919%
11	8.151	1041	1052	1065	rBV	130707	289223	31.16%	4.826%
12	8.699	1132	1142	1150	rBV	344399	676815	72.92%	11.294%
13	10.181	1377	1385	1392	rBV	552072	928192	100.00%	15.489%
14	10.242	1392	1395	1402	rVB	10006	15983	1.72%	0.267%
15	10.583	1445	1451	1456	rBV	6358	11368	1.22%	0.190%
16	10.711	1465	1472	1478	rVB	13251	21496	2.32%	0.359%
17	11.040	1521	1526	1534	rVB2	8878	15442	1.66%	0.258%
18	11.266	1559	1563	1570	rBV2	10086	15685	1.69%	0.262%
19	11.486	1592	1599	1609	rBV	468136	785335	84.61%	13.105%
20	12.479	1755	1762	1771	rVB	382353	594632	64.06%	9.923%
21	13.424	1898	1917	1923	rBV	432872	694622	74.84%	11.591%
22	13.784	1972	1976	1980	rVB3	6374	10252	1.10%	0.171%
23	13.967	2000	2006	2011	rVB2	8263	13399	1.44%	0.224%
24	14.406	2070	2078	2083	rVB3	6366	10746	1.16%	0.179%
25	15.424	2231	2245	2254	rBV9	4823	14637	1.58%	0.244%

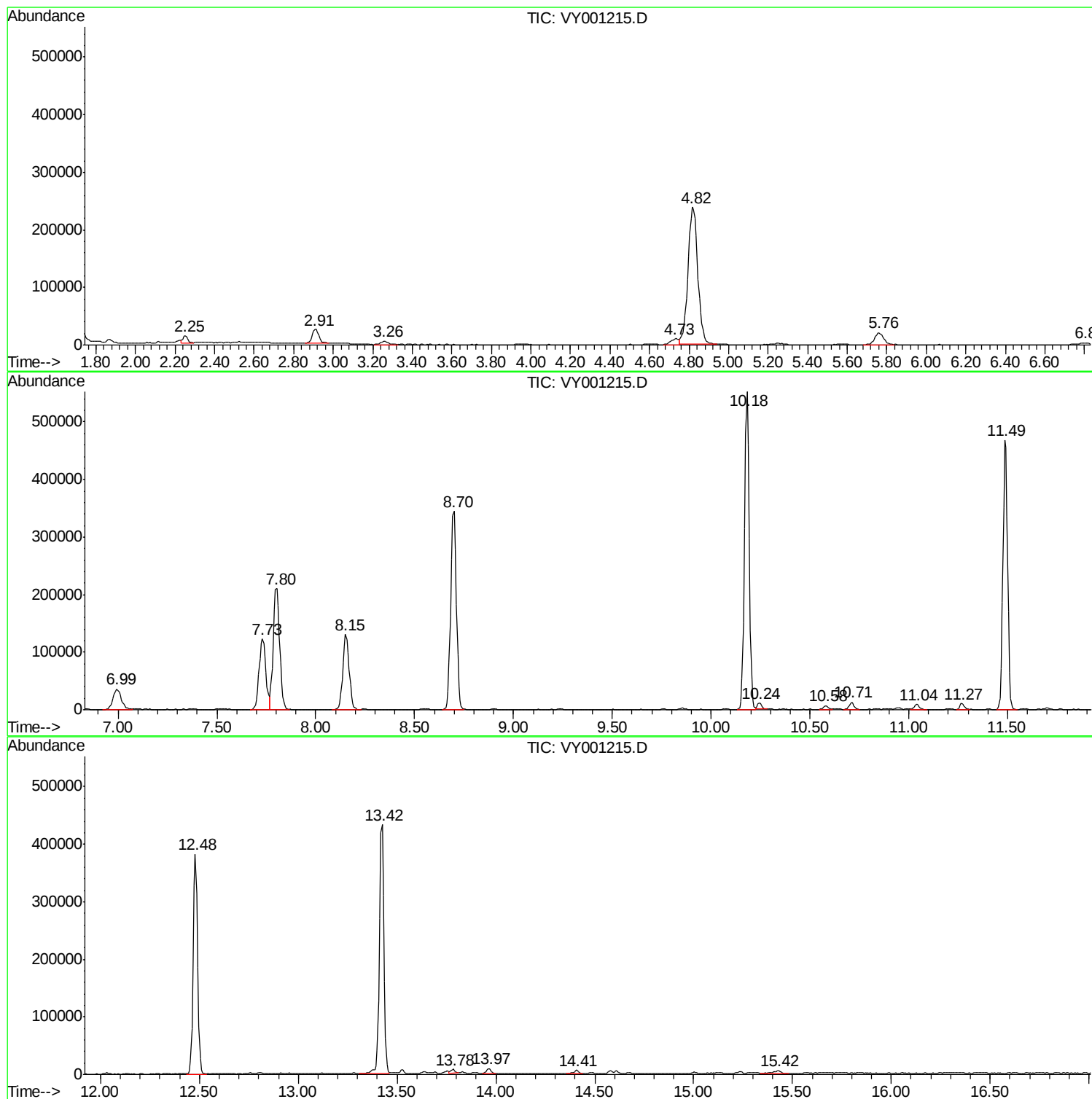
Sum of corrected areas: 5992755

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



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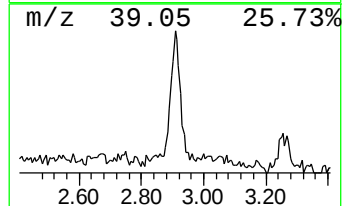
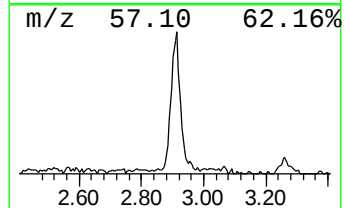
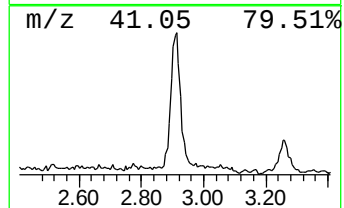
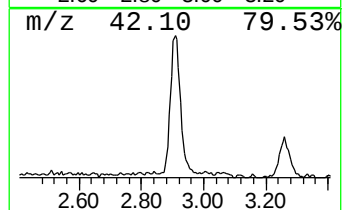
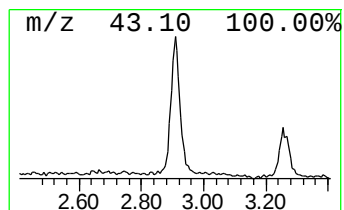
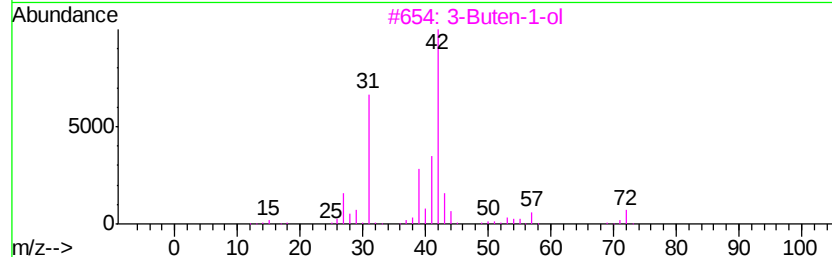
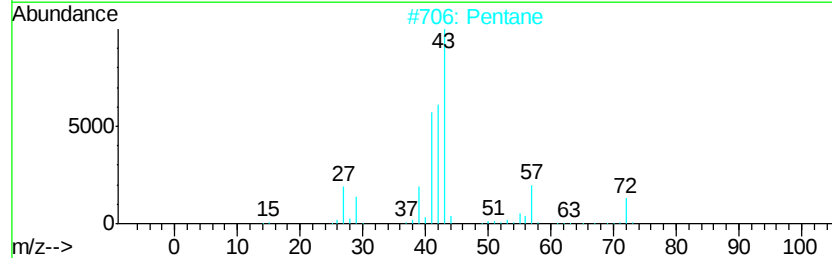
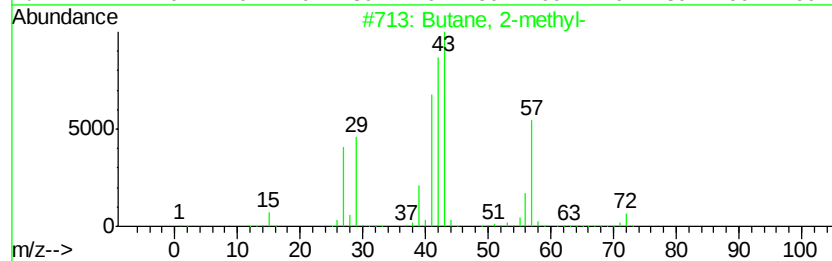
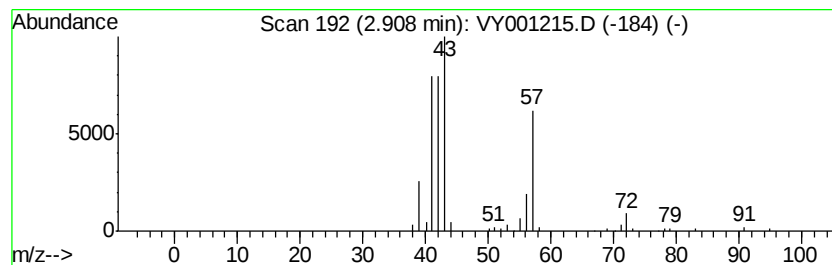
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	5.90 ug/l	56016	Pentafluorobenzene	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	91
2			Pentane	72	C5H12	000109-66-0	64
3			3-Buten-1-ol	72	C4H8O	000627-27-0	40
4			Oxirane, trimethyl-	86	C5H10O	005076-19-7	39
5			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	17



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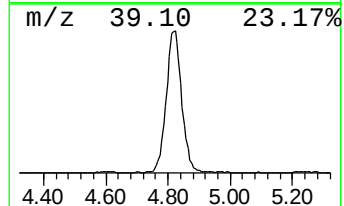
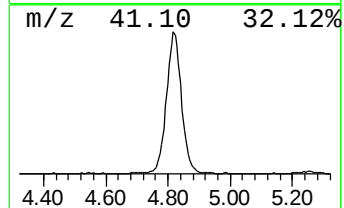
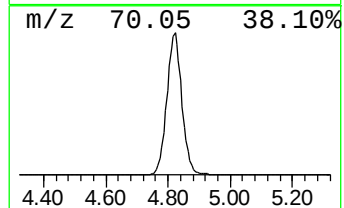
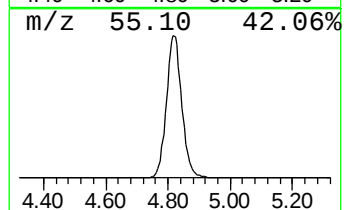
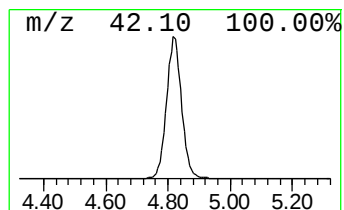
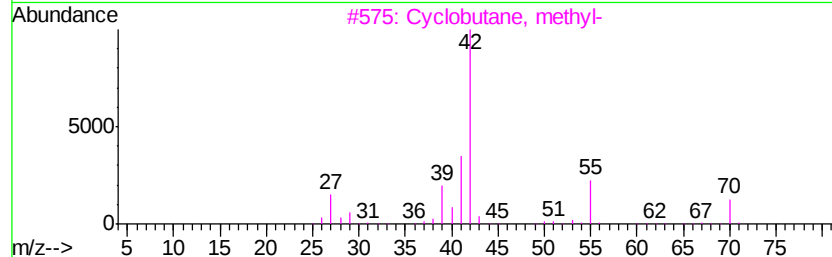
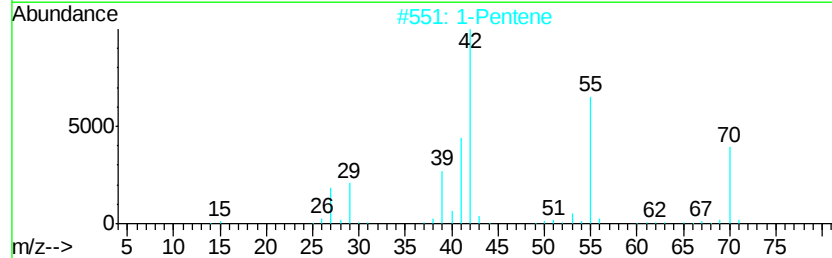
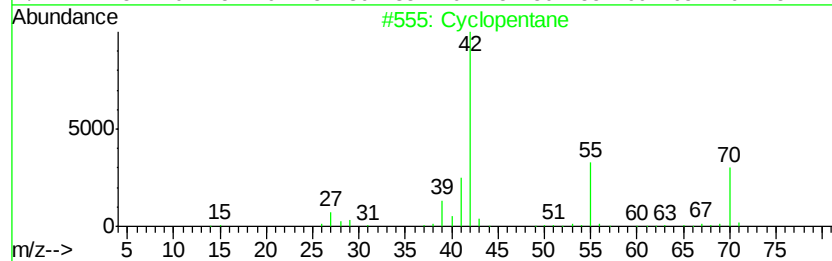
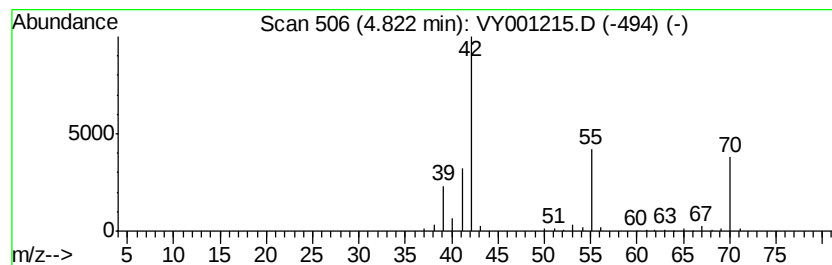
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Quant Title : SW846 8260

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

Peak Number 2 Cyclopentane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	86.83 ug/l	824179	Pentafluorobenzene	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane	70	C5H10	000287-92-3	90
2			1-Pentene	70	C5H10	000109-67-1	80
3			Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4			Cyclopropane, ethyl-	70	C5H10	001191-96-4	32
5			Pentane, 1-chloro-	106	C5H11Cl	000543-59-9	17



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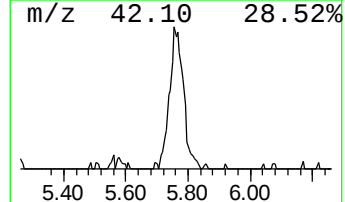
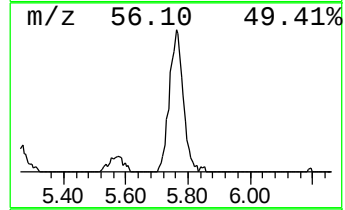
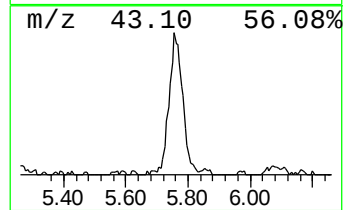
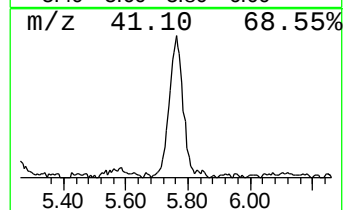
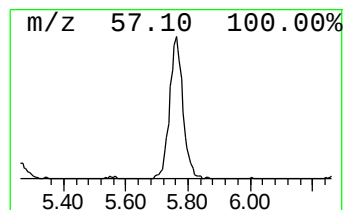
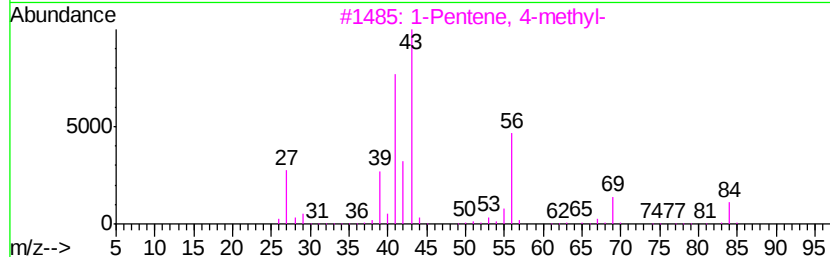
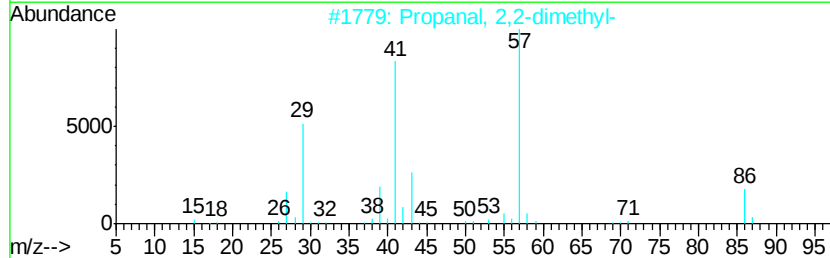
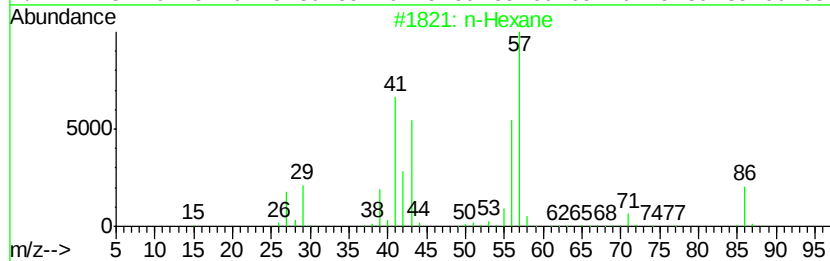
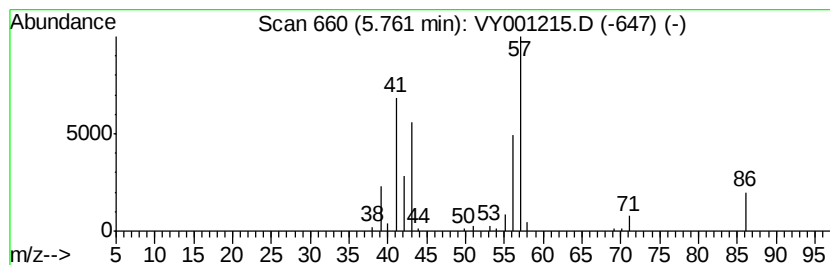
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Peak Number 3 n-Hexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	6.97 ug/l	66183	Pentafluorobenzene	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
3		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	37
4		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	37
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	36



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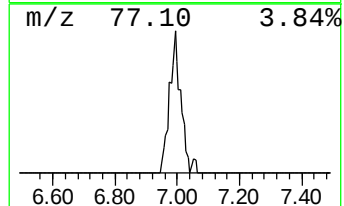
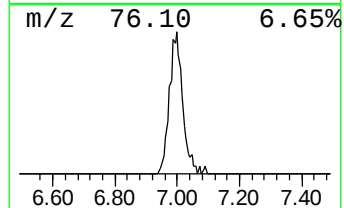
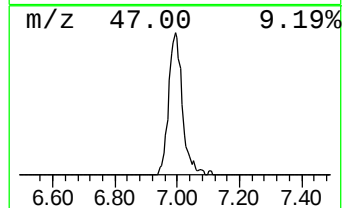
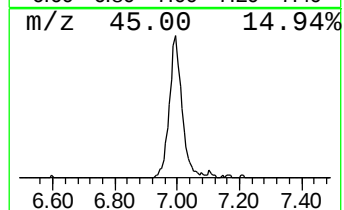
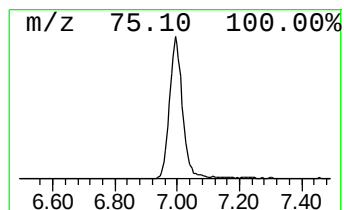
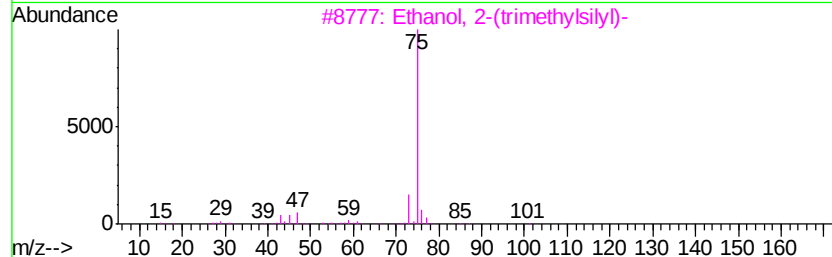
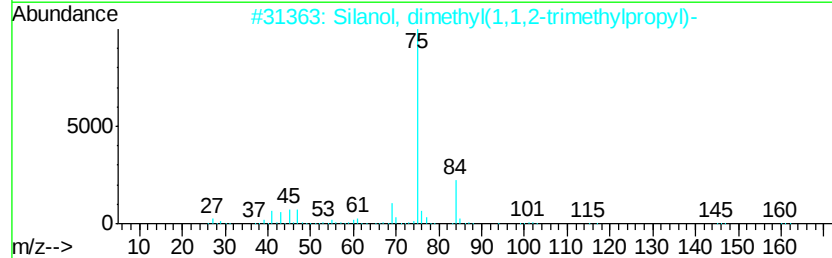
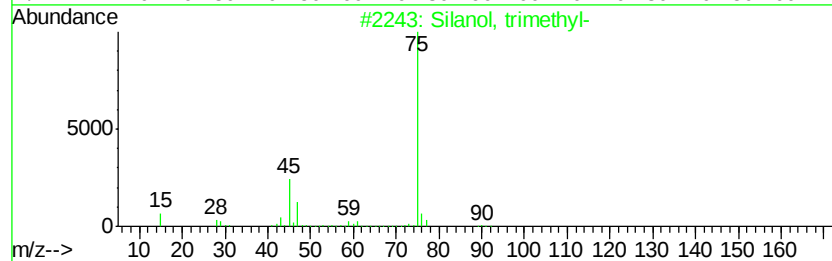
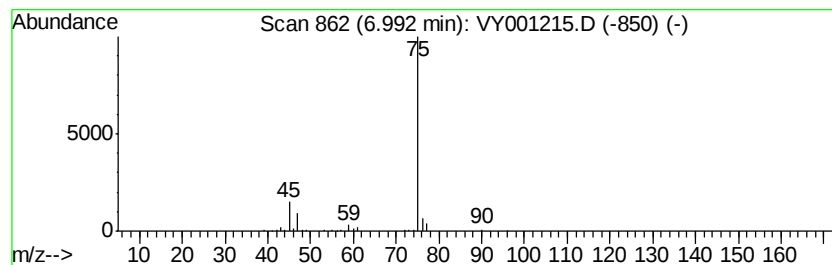
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 Peak Number 4 Silanol, trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	10.91 ug/l	103512	Pentafluorobenzene	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Silanol, trimethyl-	90	C3H10OSi	001066-40-6	91
2		Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	64
3		Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	43
4		2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	39
5		Formamide, N-methylthio	75	C2H5NS	018952-41-5	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methyl-	2.91	5.9	ug/l	56016	1	7.80	474592	50.0
Cyclopentane	4.82	86.8	ug/l	824179	1	7.80	474592	50.0
n-Hexane	5.76	7.0	ug/l	66183	1	7.80	474592	50.0
Silanol, trimethyl-	6.99	10.9	ug/l	103512	1	7.80	474592	50.0