

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032281.D
 Acq On : 26 Sep 2025 15:31
 Operator : SY/MD
 Sample : Q3222-01
 Misc : 5.11g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-092625

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\82W092525S.M
 Title : SW846 8260

Signal : TIC: VW032281.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.393	76	83	93	rVB2	8598	19069	1.25%	0.176%
2	3.070	187	194	208	rBV2	39321	106603	6.99%	0.984%
3	3.430	246	253	268	rBV3	35885	104243	6.84%	0.962%
4	3.625	280	285	293	rVB2	7191	16182	1.06%	0.149%
5	3.893	321	329	336	rBV3	14757	35474	2.33%	0.327%
6	4.966	492	505	538	rVB5	45071	268308	17.60%	2.476%
7	5.472	576	588	599	rBV3	18465	67101	4.40%	0.619%
8	5.972	655	670	685	rBV2	90949	283563	18.60%	2.617%
9	6.758	786	799	808	rBV9	6764	22014	1.44%	0.203%
10	6.899	813	822	829	rBV6	6498	19914	1.31%	0.184%
11	7.002	829	839	851	rBV3	26697	83131	5.45%	0.767%
12	7.173	859	867	879	rBV	22164	63926	4.19%	0.590%
13	7.715	950	956	963	rVB3	9706	23550	1.54%	0.217%
14	7.904	974	987	991	rBV3	205999	502830	32.98%	4.640%
15	7.959	991	996	1006	rVV	304126	729298	47.83%	6.730%
16	8.051	1006	1011	1022	rVB3	12403	34289	2.25%	0.316%
17	8.167	1022	1030	1037	rBV2	22176	51181	3.36%	0.472%
18	8.264	1037	1046	1047	rVV	9531	18334	1.20%	0.169%
19	8.319	1047	1055	1067	rVV2	244240	586910	38.49%	5.416%
20	8.490	1069	1083	1094	rVV	54921	185173	12.14%	1.709%
21	8.581	1094	1098	1108	rVB6	8992	21119	1.38%	0.195%
22	8.703	1109	1118	1128	rVB8	7675	21291	1.40%	0.196%
23	8.849	1131	1142	1158	rBV	521226	1085306	71.17%	10.015%
24	9.343	1210	1223	1228	rBV2	33739	91822	6.02%	0.847%
25	9.392	1228	1231	1237	rVB3	10146	17791	1.17%	0.164%
26	9.764	1286	1292	1301	rVB2	31351	62584	4.10%	0.578%
27	9.898	1309	1314	1321	rVB3	33193	71169	4.67%	0.657%
28	10.252	1367	1372	1377	rVB2	11148	18534	1.22%	0.171%
29	10.331	1377	1385	1390	rVV	847611	1524875	100.00%	14.072%
30	10.392	1390	1395	1408	rVV	283476	514145	33.72%	4.745%
31	10.508	1408	1414	1421	rVB10	5853	17493	1.15%	0.161%
32	10.703	1435	1446	1452	rBV	45597	91725	6.02%	0.846%
33	10.764	1452	1456	1466	rVB6	7815	17156	1.13%	0.158%
34	11.062	1499	1505	1510	rBV	26109	43257	2.84%	0.399%
35	11.635	1591	1599	1608	rBV	787486	1372215	89.99%	12.663%
36	11.733	1609	1615	1624	rVV	30860	60488	3.97%	0.558%

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Max Peaks: 100

Peak Location: TOP

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37	11.837	1624	1632	1650	rVB	41741	100799	6.61%	0.930%
38	12.166	1676	1686	1693	rBV2	21784	43516	2.85%	0.402%
39	12.617	1750	1760	1770	rBV	575649	966607	63.39%	8.920%
40	12.867	1796	1801	1804	rVV2	9020	17519	1.15%	0.162%
41	12.934	1808	1812	1819	rVB4	10952	23644	1.55%	0.218%
42	13.556	1906	1914	1925	rBV	860525	1397231	91.63%	12.894%
43	14.062	1991	1997	2007	rVB2	9131	19627	1.29%	0.181%
44	15.427	2213	2221	2226	rBV3	7324	15301	1.00%	0.141%

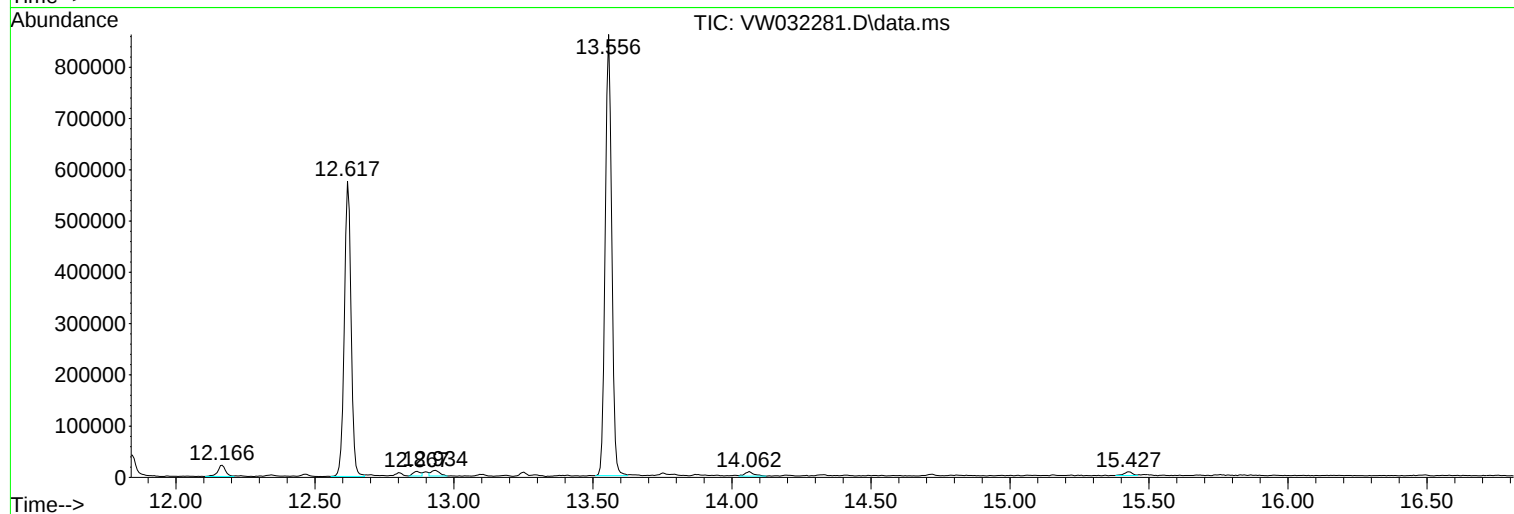
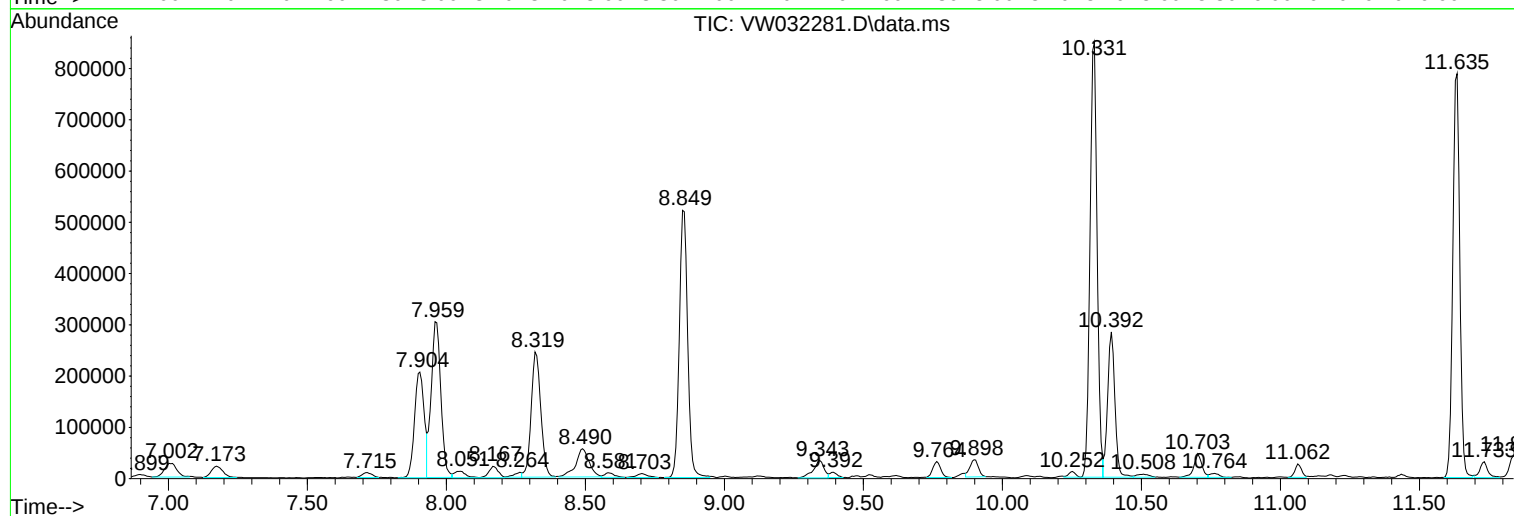
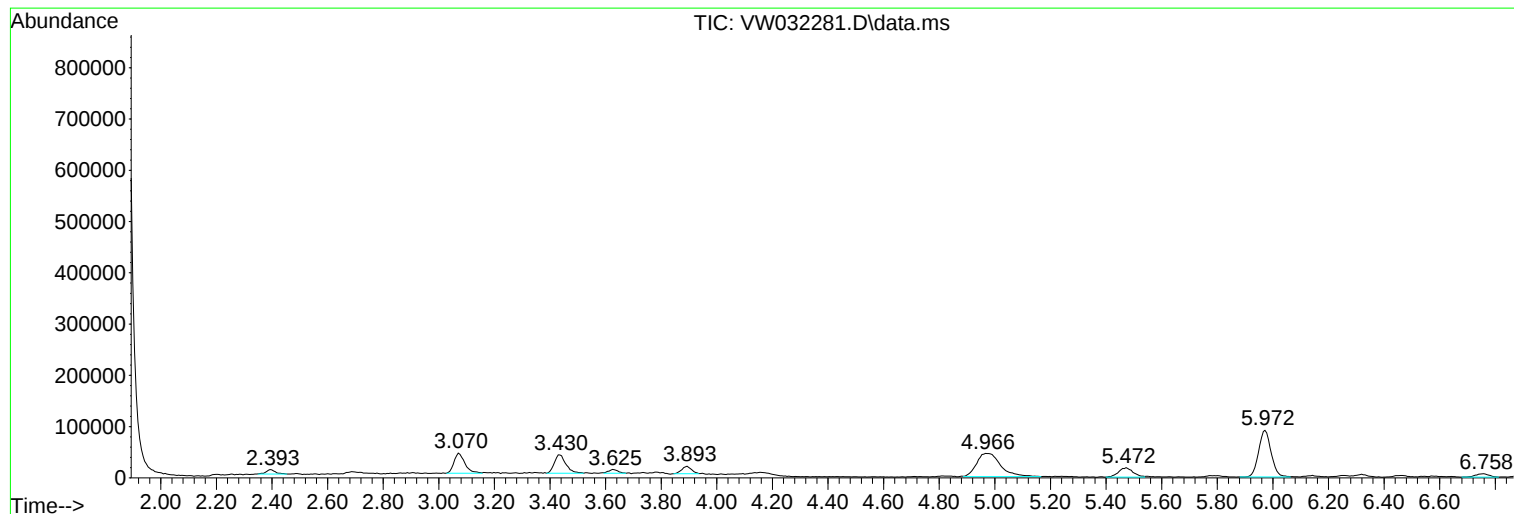
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_W
ClientSampleId :
SU-03-092625

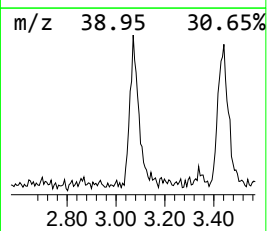
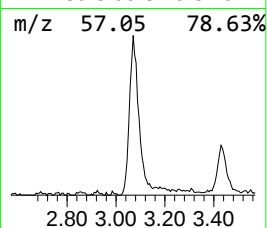
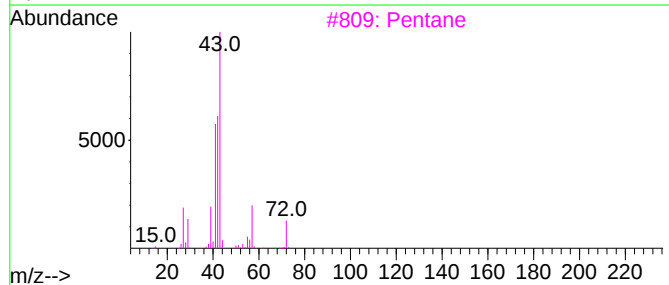
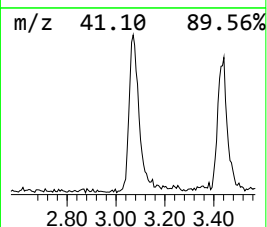
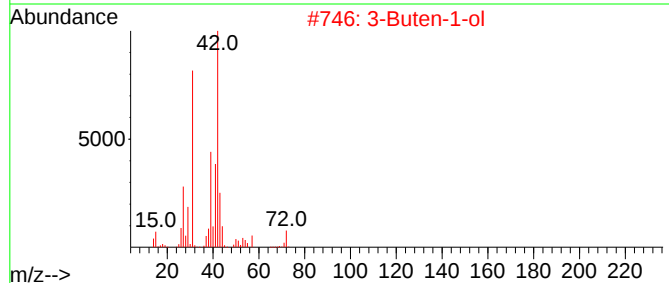
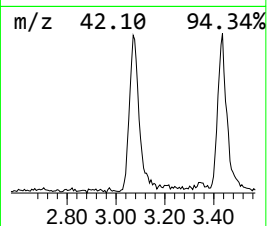
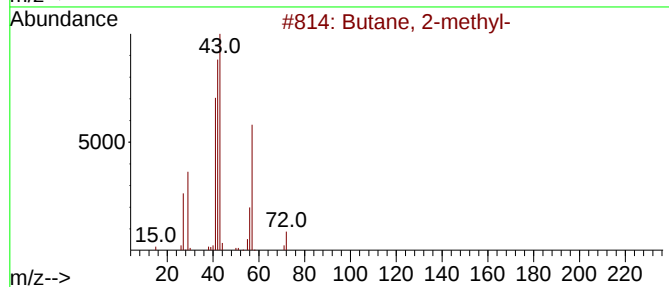
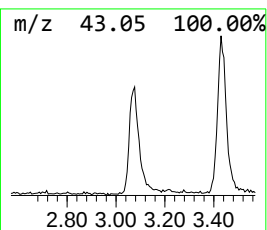
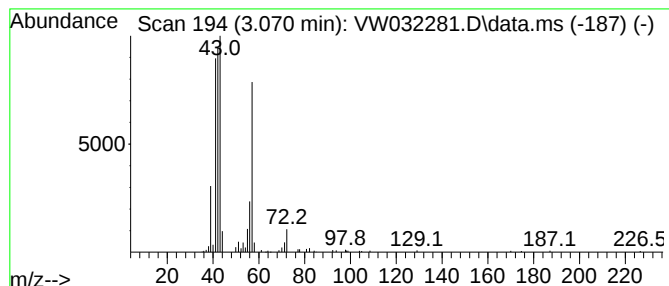
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.070	7.31 ug/l	106603	Pentafluorobenzene	7.959

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	86
2			3-Buten-1-ol	72	C4H8O	000627-27-0	37
3			Pentane	72	C5H12	000109-66-0	28
4			Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	10
5			2-Buten-1-ol, (Z)-	72	C4H8O	004088-60-2	10



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-03-092625

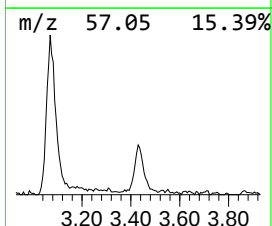
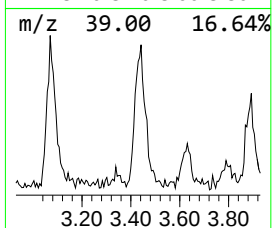
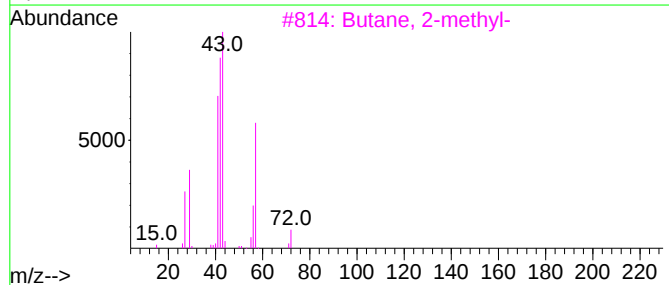
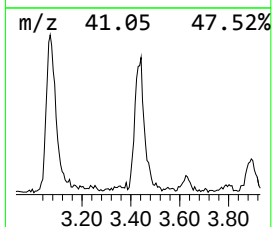
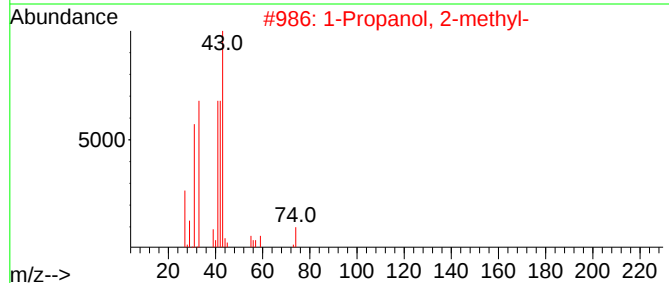
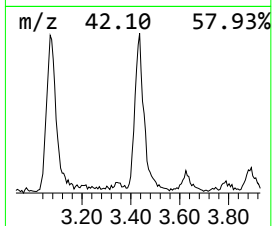
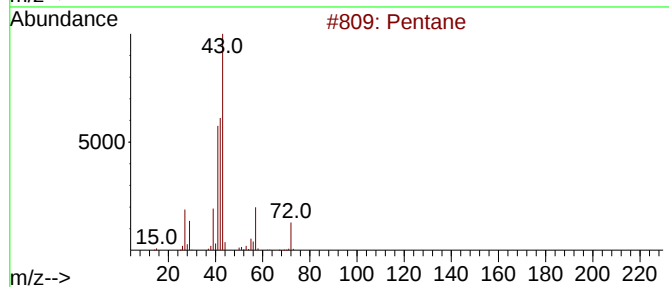
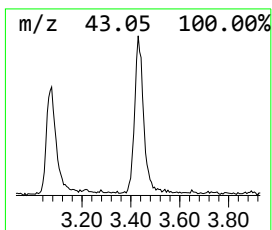
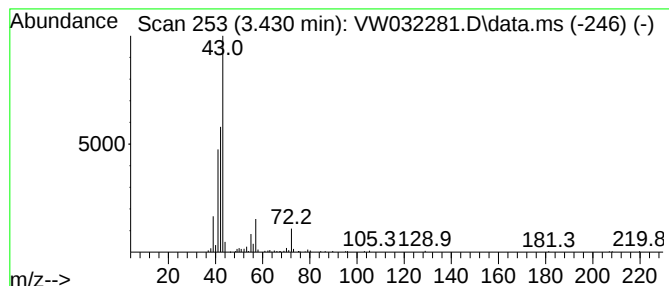
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.430	7.15 ug/l	104243	Pentafluorobenzene	7.959

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane	72	C5H12	000109-66-0	87
2			1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	42
3			Butane, 2-methyl-	72	C5H12	000078-78-4	38
4			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	25
5			2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	9



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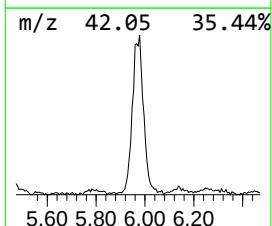
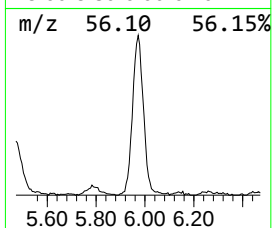
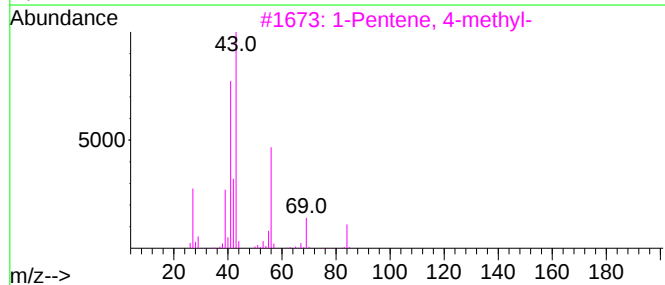
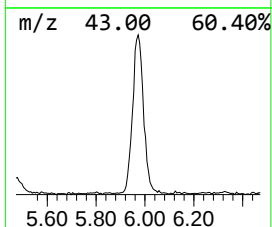
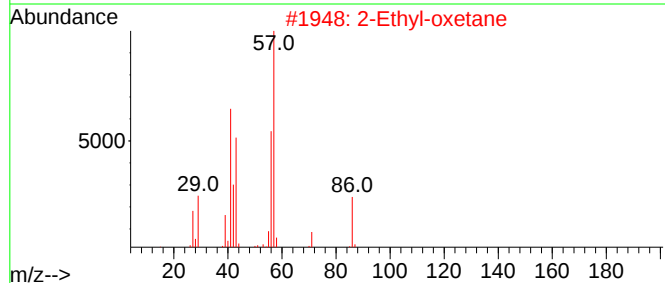
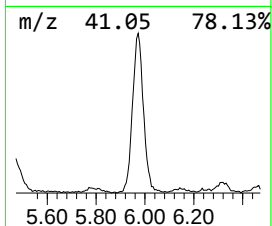
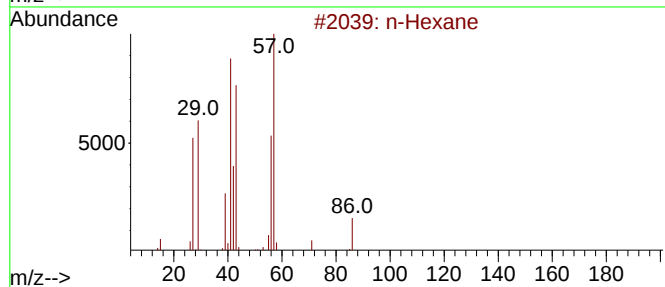
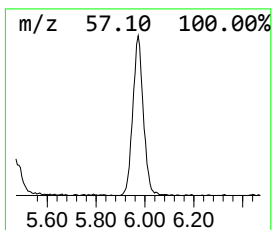
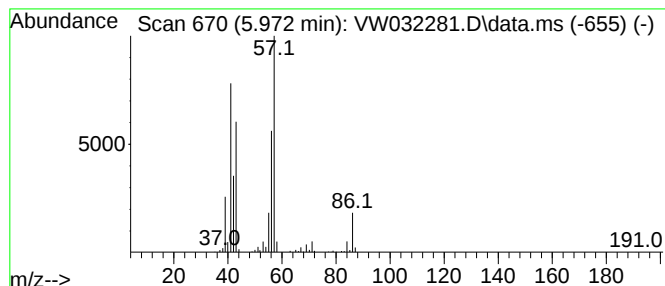
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Peak Number 4 n-Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.972	19.44 ug/l	283563	Pentafluorobenzene	7.959

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	87
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
3			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50
4			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	40
5			Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methyl-	3.070	7.3	ug/l	106603	1	7.959	729298	50.0
Pentane	3.430	7.2	ug/l	104243	1	7.959	729298	50.0
n-Hexane	5.972	19.4	ug/l	283563	1	7.959	729298	50.0