LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
Data File : VW009249.D
Acq On : 19 Mar 2019 18:47
Operator : SY/VA
Sample : K1979-01
Misc : 6.40G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFD1A

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\82W031919S.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	2.203	43	49	53	rBV5	7615	21700	1.46%	0.238%
2	2.367	70	76	87	rBV3	36740	112996	7.58%	1.237%
3	3.032	178	185	196	rVB3	40425	104371	7.00%	1.142%
4	3.391	236	244	252	rBV	42034	115938	7.78%	1.269%
5	3.580	270	275	283	rVB4	9789	20553	1.38%	0.225%
6	4.135	358	366	372	rBV2	11645	31863	2.14%	0.349%
7	4.922	481	495	505	rBV5	36774	165002	11.07%	1.806%
8	5.934	650	661	669	rBV5	12776	38961	2.61%	0.426%
9	7.878	972	980	985	rBV	221047	512597	34.39%	5.611%
10	7.945	985	991	1004	rVB	381220	836053	56.08%	9.152%
11	8.305	1037	1050	1062	rBV	232337	521485	34.98%	5.708%
12	8.842	1128	1138	1146	rBV	545243	1079385	72.41%	11.815%
13	10.323	1373	1381	1388	rBV	860902	1490696	100.00%	16.318%
14	10.384	1388	1391	1399	rVB	35137	61390	4.12%	0.672%
15	11.628	1585	1595	1604	rVV	751423	1292891	86.73%	14.153%
16	11.841	1622	1630	1635	rBV5	9073	20706	1.39%	0.227%
17	12.164	1679	1683	1689	rVB3	8975	16345	1.10%	0.179%
18	12.621	1749	1758	1765	rBV	625538	1032049	69.23%	11.297%
19	13.195	1849	1852	1857	rVB	18108	25890	1.74%	0.283%
20	13.298	1866	1869	1876	rVB3	8828	15016	1.01%	0.164%
21	13.414	1880	1888	1893	rBV2	37571	69753	4.68%	0.764%
22	13.560	1902	1912	1917	rBV	817914	1329649	89.20%	14.555%
23	13.609	1917	1920	1931	rVB	60551	118776	7.97%	1.300%
24	13.768	1940	1946	1953	rBV4	24413	49594	3.33%	0.543%
25	14.079	1992	1997	2001	rBV3	9915	17345	1.16%	0.190%
26	14.511	2063	2068	2077	rVB6	14371	34344	2.30%	0.376%

Sum of corrected areas: 9135348

LSC Report - Integrated Chromatogram

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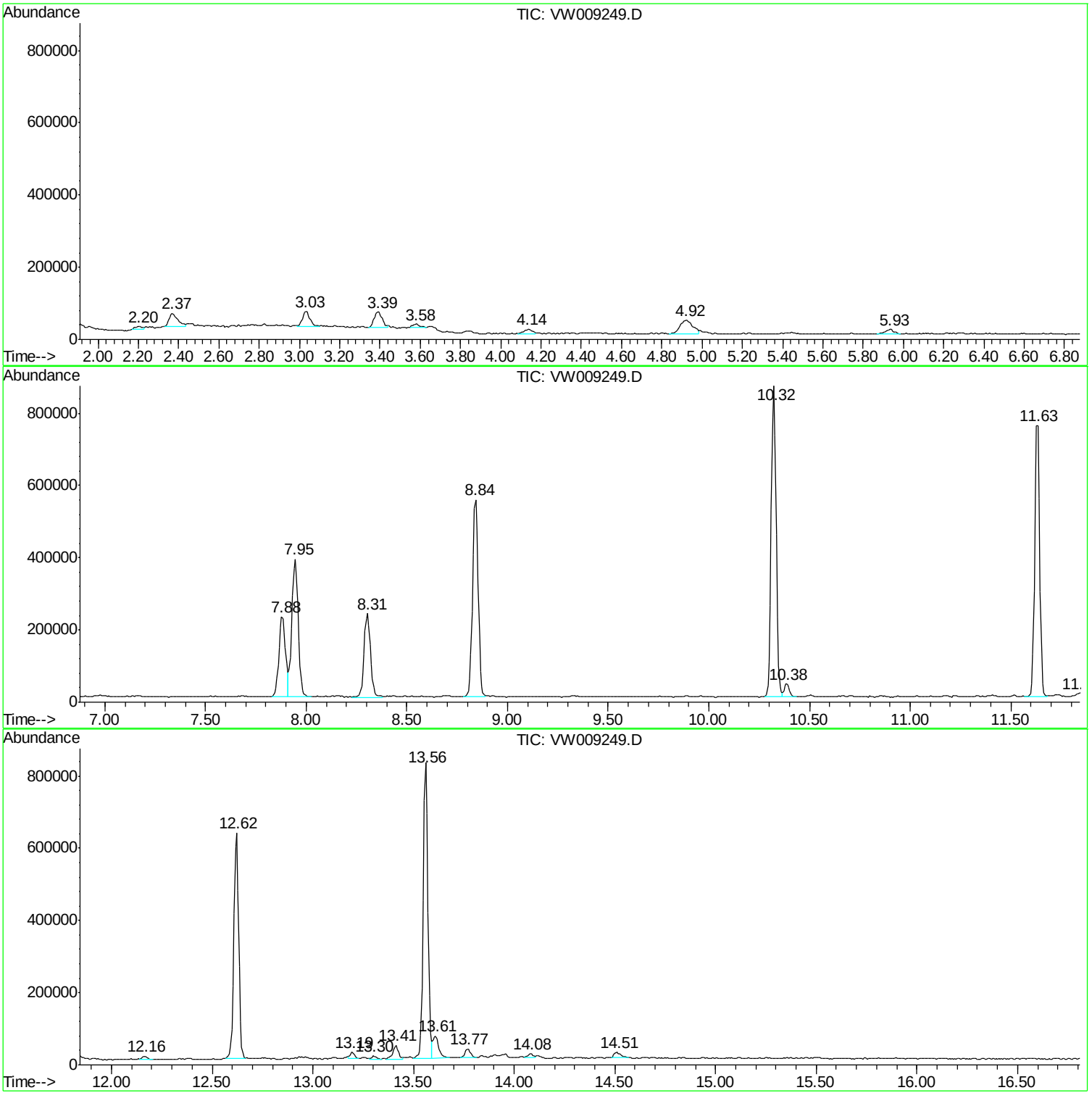
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFD1A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Instrument : MSVOA_W
ClientSampleId : BFD1A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260

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

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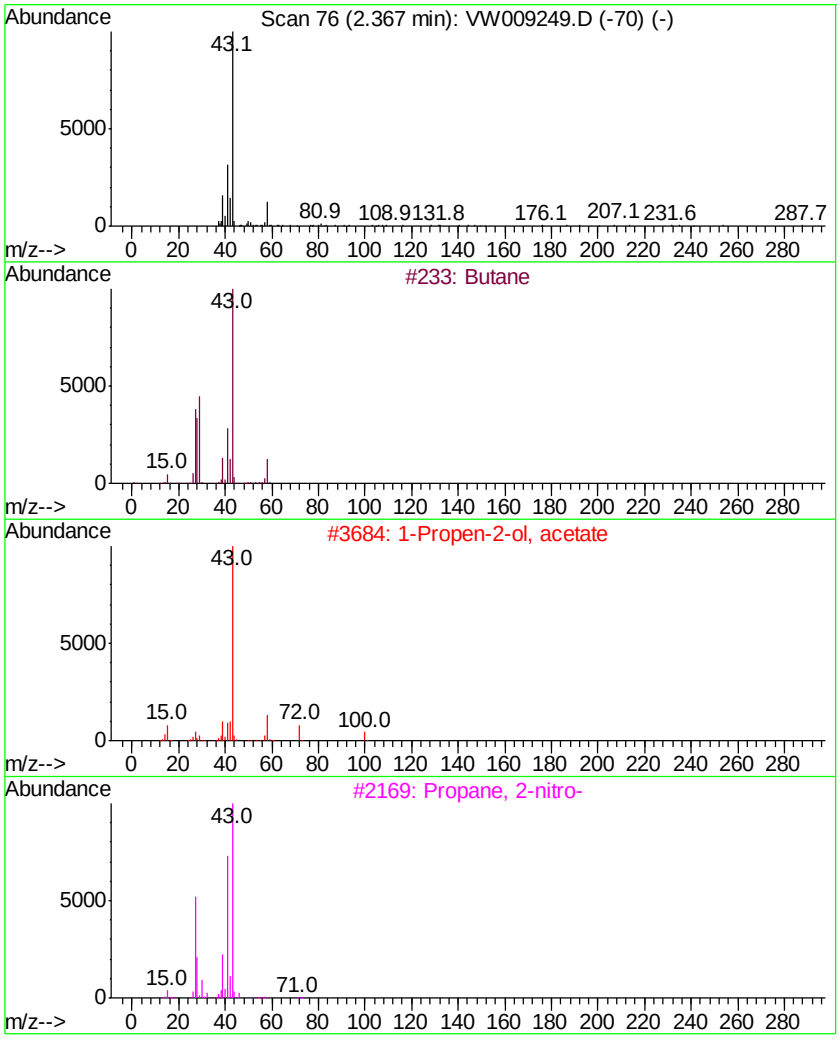
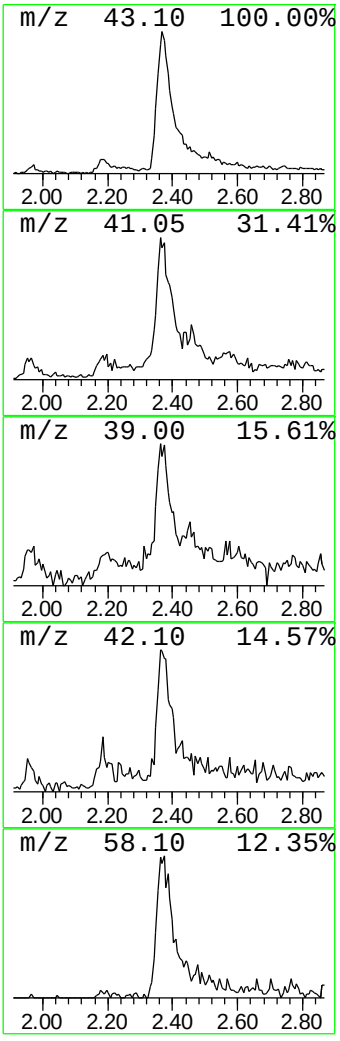
Peak Number 1 Butane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	6.76 ug/l	112996	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	38
3	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
4	Propane, 2-bromo-	122	C3H7Br	000075-26-3	9
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	5





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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFD1A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260

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

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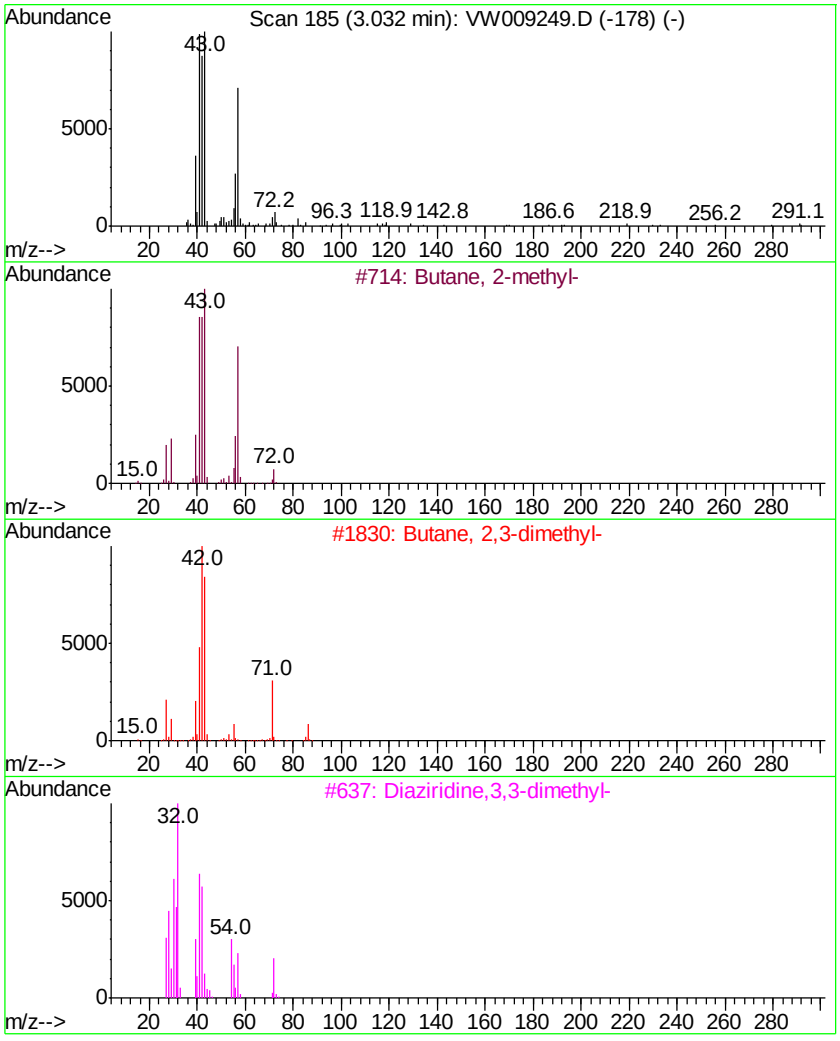
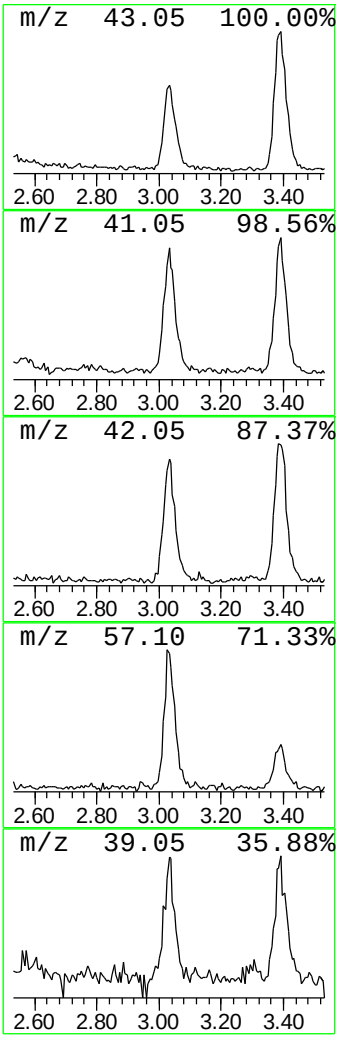
Peak Number 2 Butane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	6.24 ug/l	104371	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	36
3	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	28
4	Hexane, 2-chloro-	120	C6H13Cl	000638-28-8	28
5	N-Nitroso-2-methyl-oxazolidine	116	C4H8N2O2	039884-53-2	12





Library Search Compound Report

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Instrument : MSVOA_W
ClientSampleId : BFD1A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260

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

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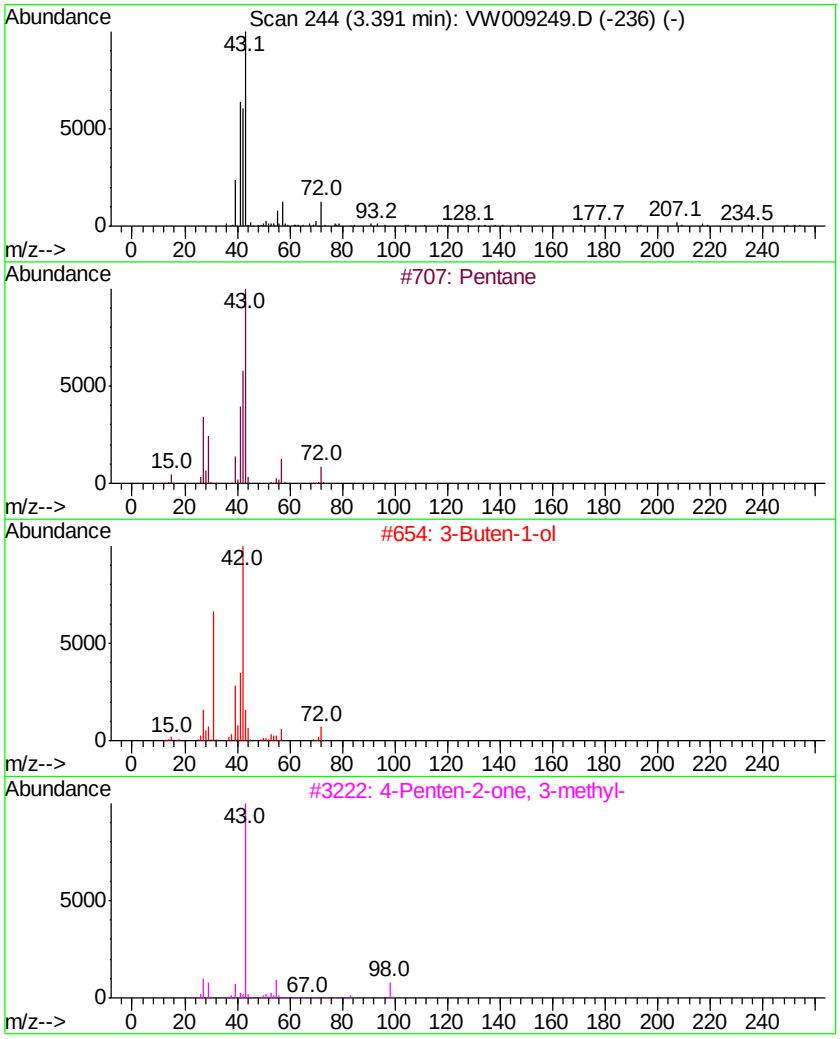
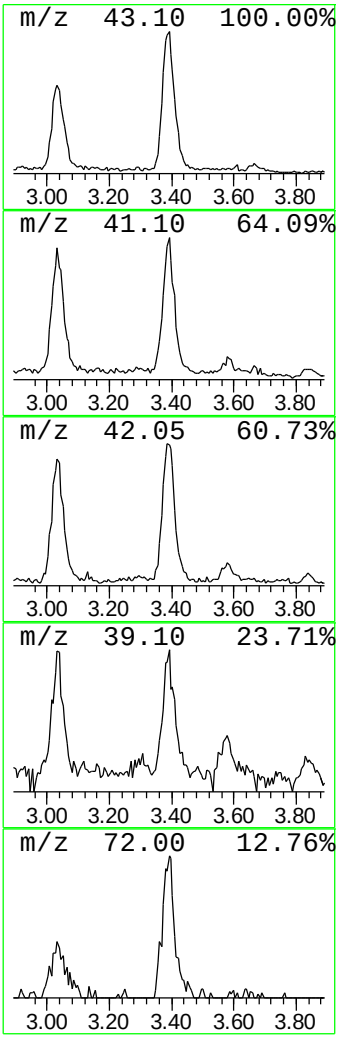
Peak Number 3 Pentane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	6.93 ug/l	115938	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	72
2	3-Buten-1-ol	72	C4H8O	000627-27-0	9
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	9
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	9
5	Butane, 2-chloro-3-methyl-	106	C5H11Cl	000631-65-2	9





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane	2.37	6.8	ug/l	112996	1	7.95	836053	50.0
Butane, 2-methyl-	3.03	6.2	ug/l	104371	1	7.95	836053	50.0
Pentane	3.39	6.9	ug/l	115938	1	7.95	836053	50.0