LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
Data File : VX005548.D
Acq On : 24 Oct 2018 18:19
Operator : JC/MD
Sample : J5655-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S37-0006

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_X\METHOD\82X102418W.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	2.440	207	211	217	rBV	8728	15138	1.48%	0.249%
2	2.611	233	239	248	rVB	29350	53909	5.29%	0.888%
3	3.019	300	306	320	rVB	4494	12089	1.19%	0.199%
4	4.306	506	517	530	rBV4	10081	31795	3.12%	0.524%
5	4.763	577	592	603	rBV2	6253	22126	2.17%	0.364%
6	5.507	702	714	725	rBV	120548	353615	34.68%	5.824%
7	5.665	725	740	764	rVV	202878	639318	62.70%	10.529%
8	5.921	774	782	792	rVB9	5459	17730	1.74%	0.292%
9	6.068	795	806	820	rBV2	139887	363852	35.68%	5.992%
10	6.348	841	852	863	rVV3	58626	182334	17.88%	3.003%
11	6.458	863	870	881	rVB5	3893	12063	1.18%	0.199%
12	6.860	925	936	951	rBV	321983	746982	73.25%	12.302%
13	7.464	1023	1035	1044	rBV2	25852	61101	5.99%	1.006%
14	8.055	1122	1132	1143	rVB	35832	75756	7.43%	1.248%
15	8.177	1143	1152	1159	rBV	51264	104465	10.24%	1.720%
16	8.665	1226	1232	1235	rBV3	13370	26615	2.61%	0.438%
17	8.713	1235	1240	1256	rVV	600520	1019712	100.00%	16.794%
18	8.835	1256	1260	1265	rVB2	5866	11133	1.09%	0.183%
19	9.043	1289	1294	1299	rVB2	10849	18253	1.79%	0.301%
20	9.165	1308	1314	1320	rVB2	6131	10428	1.02%	0.172%
21	9.622	1384	1389	1394	rVB	10206	15170	1.49%	0.250%
22	10.116	1463	1470	1479	rBV	593970	835970	81.98%	13.768%
23	11.140	1631	1638	1651	rBV	500536	640085	62.77%	10.542%
24	12.079	1786	1792	1802	rBV	649756	787596	77.24%	12.971%
25	12.371	1836	1840	1848	rVB3	8798	14571	1.43%	0.240%

Sum of corrected areas: 6071806

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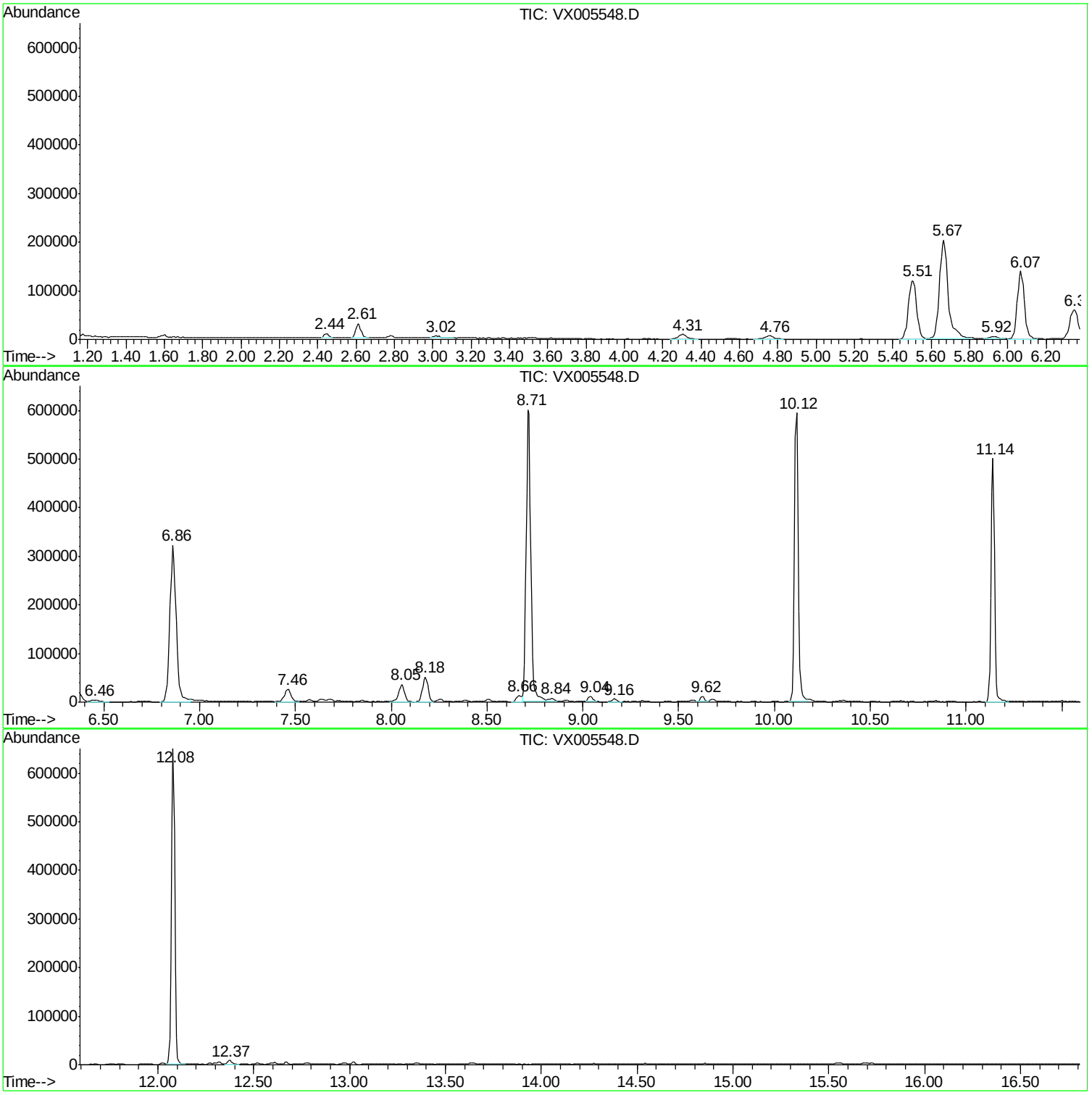
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S37-0006

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

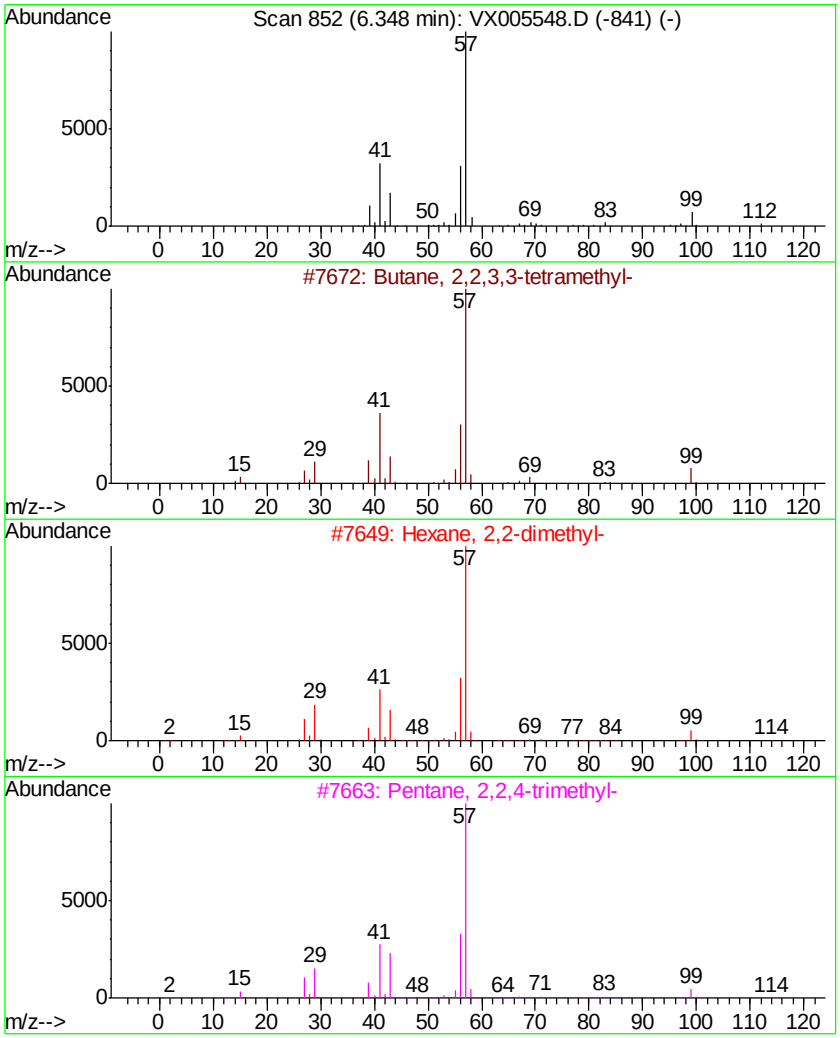
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

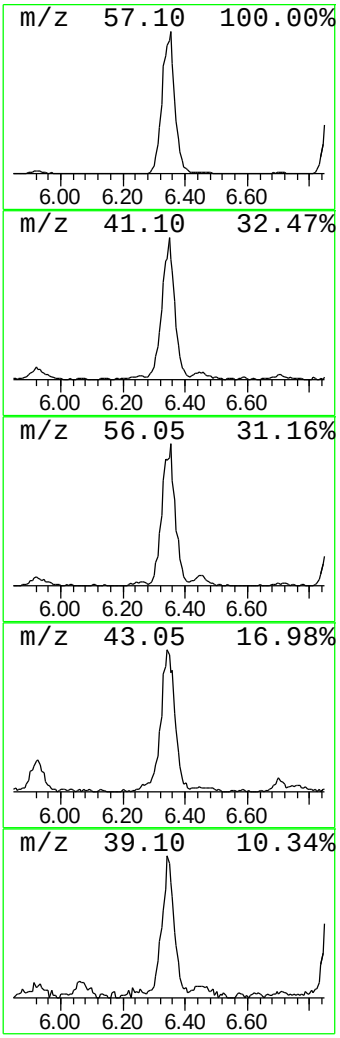
****

Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	12.20 ug/l	182334	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





Library Search Compound Report

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S37-0006

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260

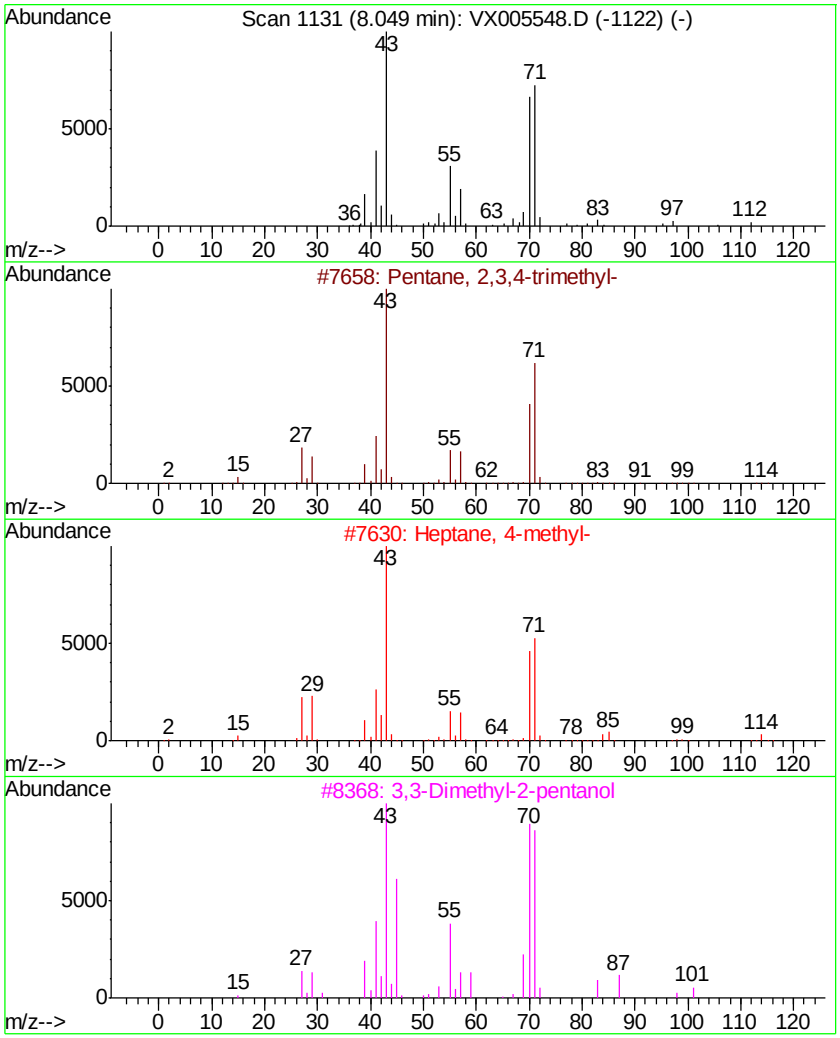
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

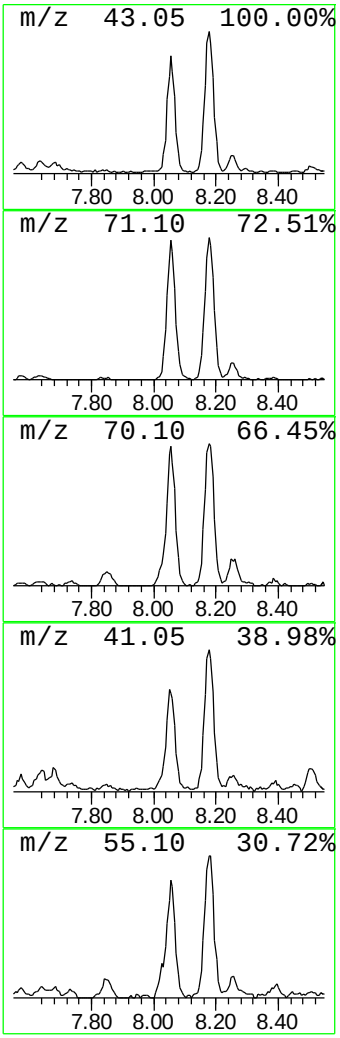
****

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	5.07 ug/l	75756	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
3	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	72
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	72
5	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	64





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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S37-0006

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260

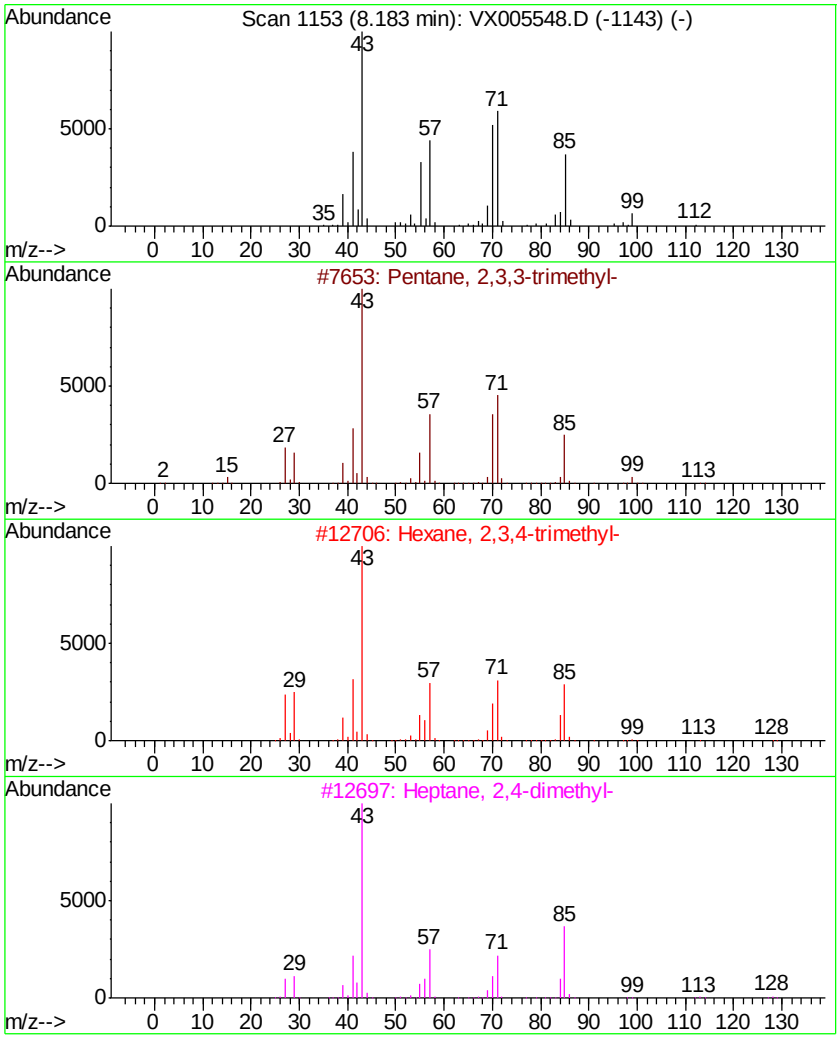
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

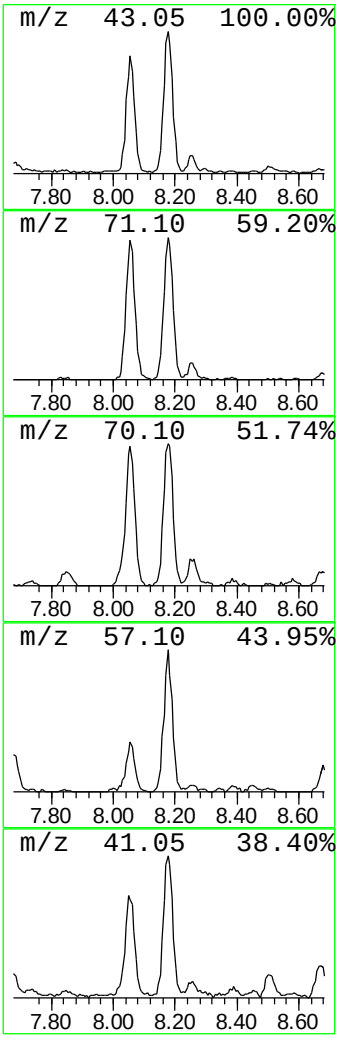
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	6.99 ug/l	104465	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53





Tentatively Identified Compound (LSC) summary

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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, 2,2,3,3-t...	6.35	12.2	ug/l	182334	2	6.86	746982	50.0
Pentane, 2,3,4-tr...	8.05	5.1	ug/l	75756	2	6.86	746982	50.0
Pentane, 2,3,3-tr...	8.18	7.0	ug/l	104465	2	6.86	746982	50.0