LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
Data File : VX008662.D
Acq On : 05 Apr 2019 02:12
Operator : JC/SP
Sample : K2274-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-190402

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\82X040319W.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	1.404	30	41	47	rBV	74376	105974	3.65%	0.720%
2	1.788	99	104	113	rVB	33662	52154	1.80%	0.354%
3	2.391	196	203	216	rBV	49504	104501	3.60%	0.710%
4	2.843	267	277	288	rBV	240412	535236	18.43%	3.637%
5	4.312	504	518	533	rBV	255582	787776	27.13%	5.352%
6	4.592	545	564	575	rBV4	53857	216988	7.47%	1.474%
7	5.239	659	670	685	rVB3	16584	59220	2.04%	0.402%
8	5.501	700	713	725	rBV	127798	369202	12.72%	2.508%
9	5.665	728	740	746	rBV	224788	657178	22.63%	4.465%
10	6.062	795	805	817	rBV	164680	423297	14.58%	2.876%
11	6.348	838	852	873	rBV	968497	2903623	100.00%	19.728%
12	6.860	924	936	951	rBV	374593	884643	30.47%	6.010%
13	7.214	980	994	1006	rBV4	10778	33541	1.16%	0.228%
14	7.445	1024	1032	1043	rVB	24516	56586	1.95%	0.384%
15	7.573	1046	1053	1059	rBV	47123	99645	3.43%	0.677%
16	7.677	1066	1070	1080	rVB	28656	64142	2.21%	0.436%
17	8.055	1122	1132	1143	rBV	700399	1376571	47.41%	9.353%
18	8.177	1143	1152	1163	rVB	1018517	1972444	67.93%	13.401%
19	8.713	1235	1240	1255	rVB	783899	1270060	43.74%	8.629%
20	9.335	1334	1342	1348	rVB2	49843	81318	2.80%	0.552%
21	10.110	1464	1469	1482	rBV	712375	995421	34.28%	6.763%
22	10.335	1500	1506	1517	rVB2	17399	30188	1.04%	0.205%
23	11.067	1617	1626	1632	rBV	28008	44572	1.54%	0.303%
24	11.134	1632	1637	1643	rVV	566554	741218	25.53%	5.036%
25	12.079	1786	1792	1803	rBV	666106	852857	29.37%	5.795%

Sum of corrected areas: 14718355

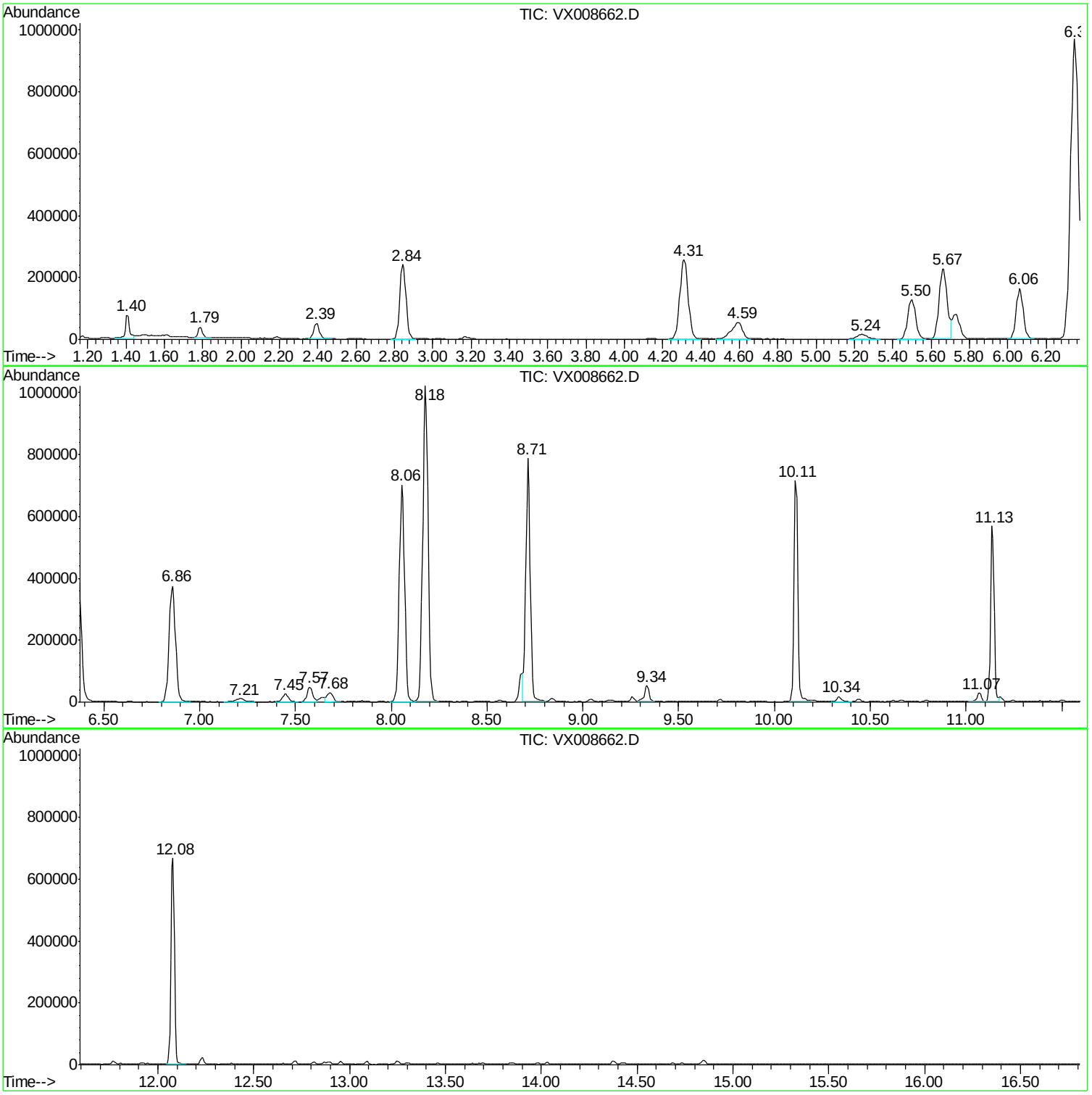
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008662.D
Acq On : 05 Apr 2019 02:12
Operator : JC/SP
Sample : K2274-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS037MW012-190402

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008662.D
Acq On : 05 Apr 2019 02:12
Operator : JC/SP
Sample : K2274-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-190402

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

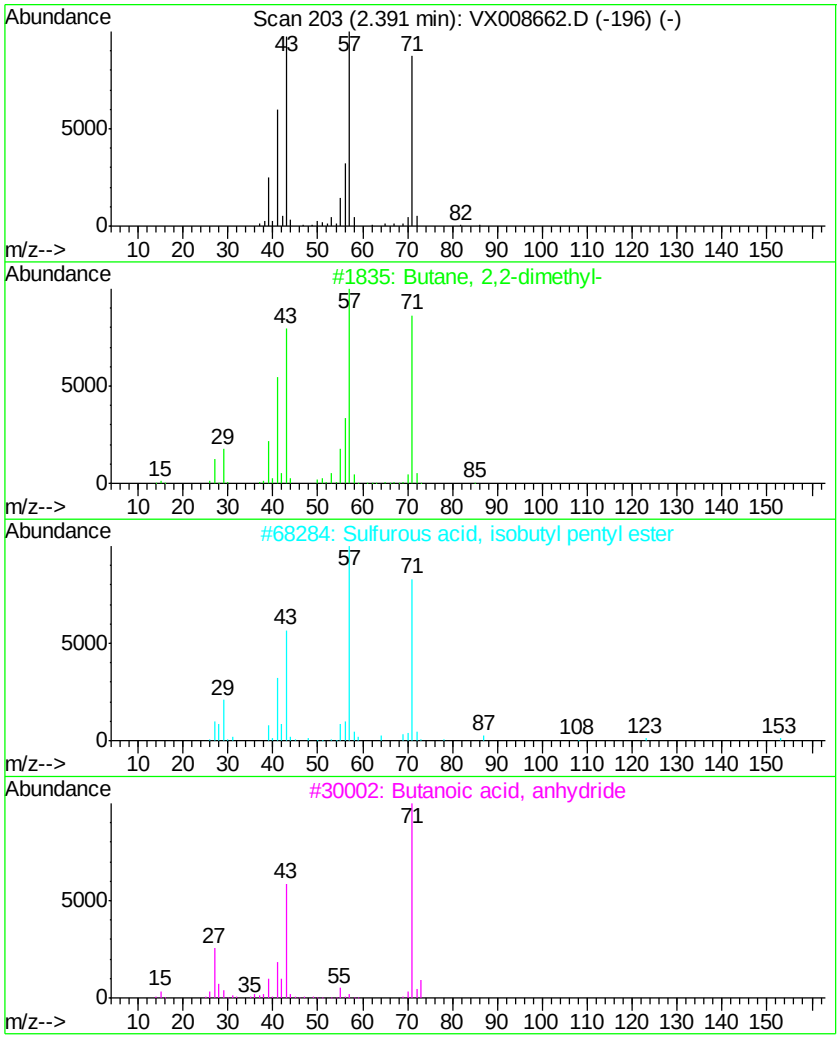
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

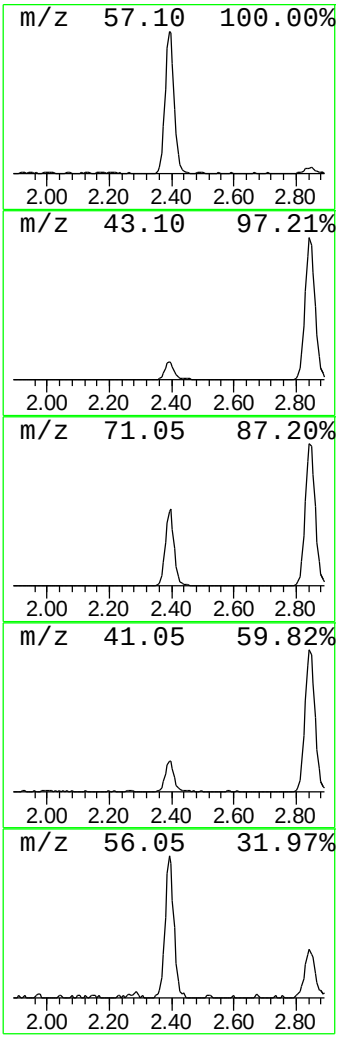
****

Peak Number 1 Butane, 2,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	7.95 ug/l	104501	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	90
2	Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	56
3	Butanoic acid, anhydride	158	C8H14O3	000106-31-0	50
4	Butane, 2-iodo-3-methyl-	198	C5H11I	018295-27-7	42
5	Butane, 2-bromo-2-methyl-	150	C5H11Br	000507-36-8	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008662.D
Acq On : 05 Apr 2019 02:12
Operator : JC/SP
Sample : K2274-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-190402

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

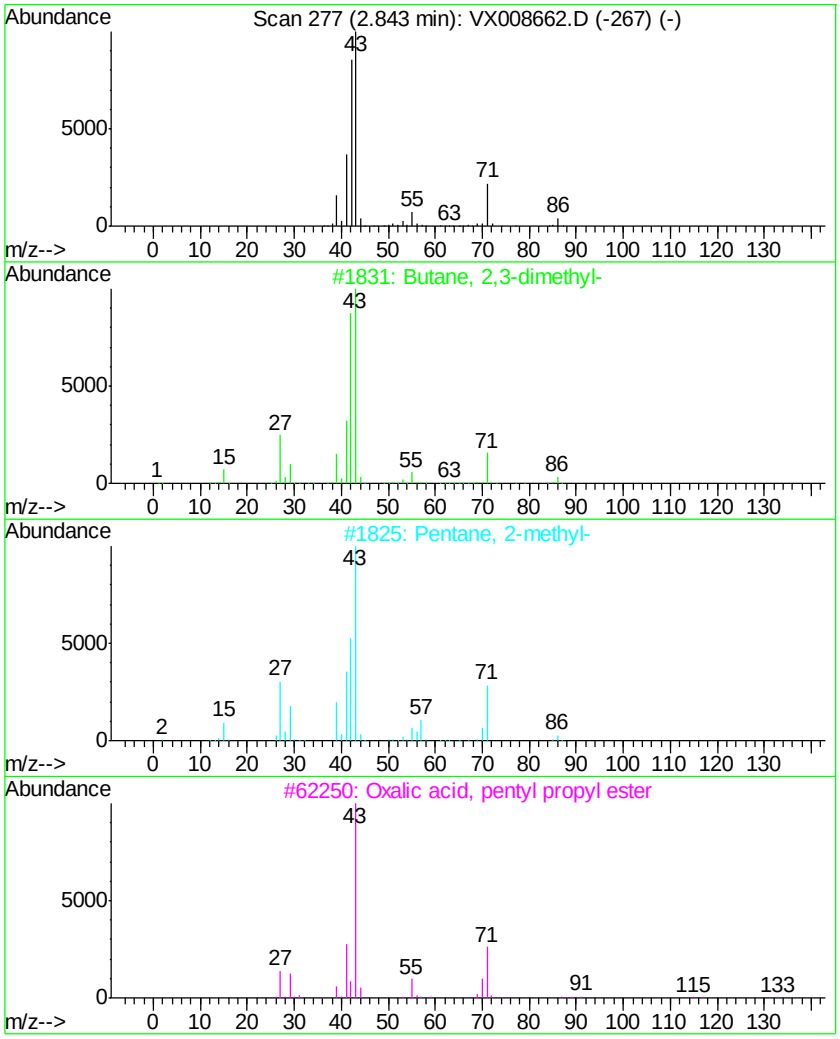
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

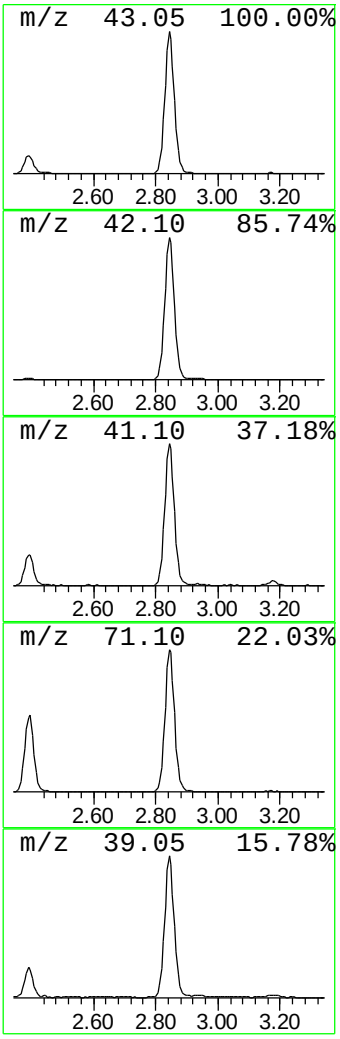
****

Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	40.72 ug/l	535236	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
3	Oxalic acid, pentyl propyl ester	202	C10H18O4	1000309-25-7	12
4	Pyrrolidine	71	C4H9N	000123-75-1	10
5	Tetrahydrofuran	72	C4H8O	000109-99-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008662.D
Acq On : 05 Apr 2019 02:12
Operator : JC/SP
Sample : K2274-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-190402

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

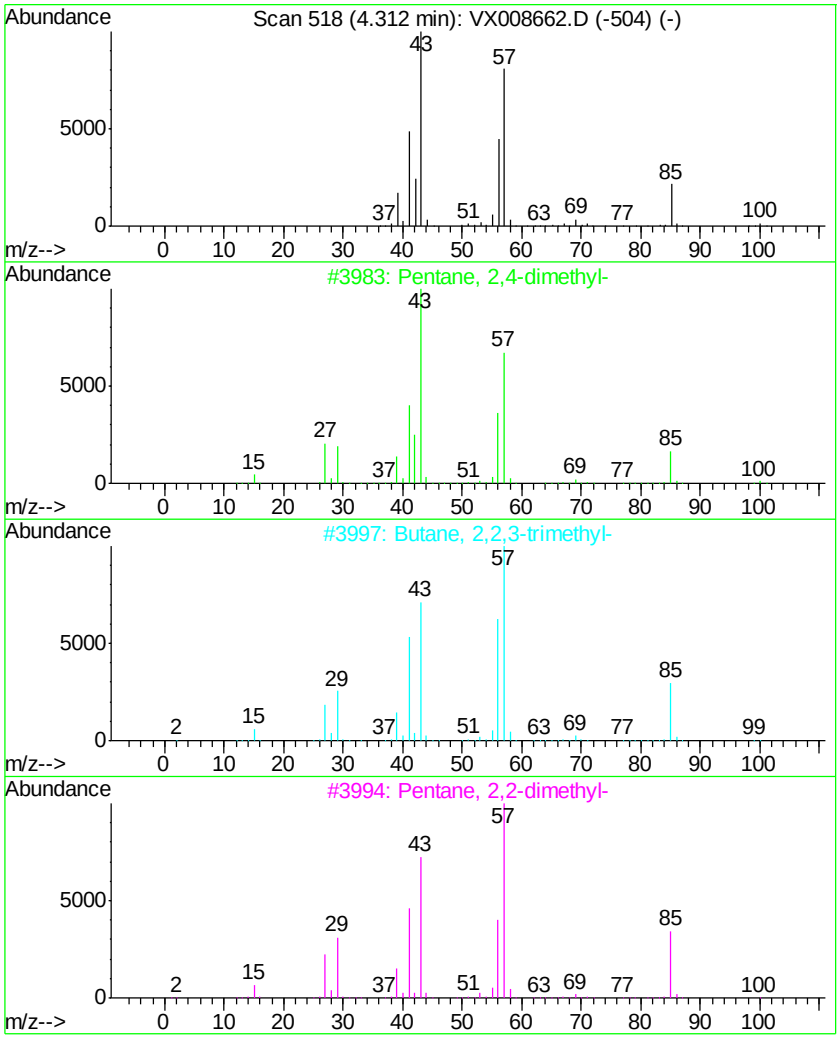
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

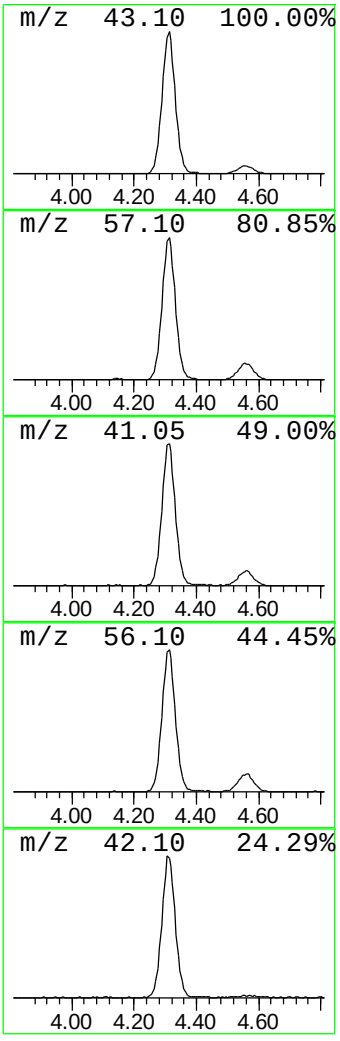
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	59.94 ug/l	787776	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	50
5	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008662.D
Acq On : 05 Apr 2019 02:12
Operator : JC/SP
Sample : K2274-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-190402

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

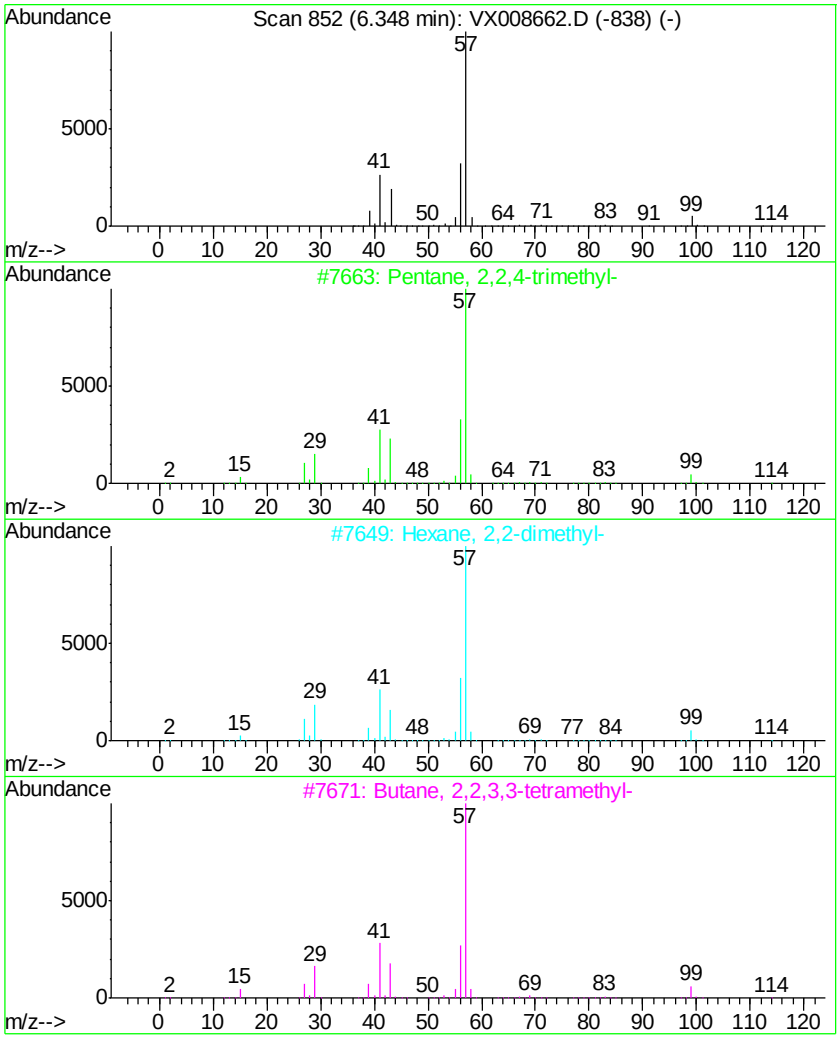
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

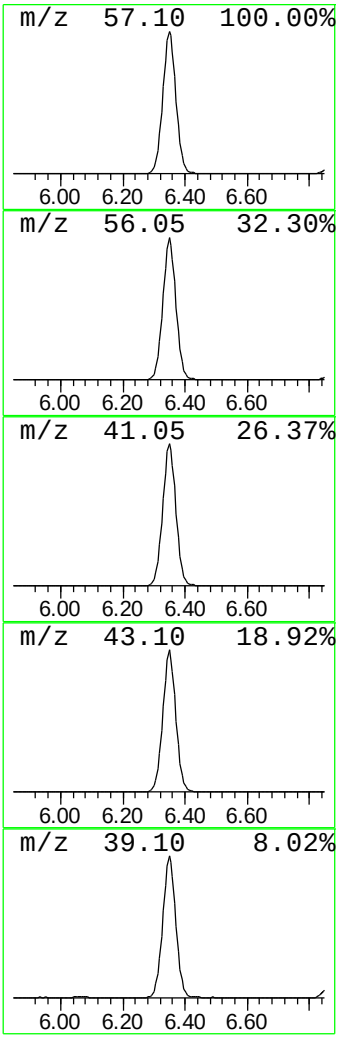
****

Peak Number 4 Pentane, 2,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	164.11 ug/l	2903620	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	78
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008662.D
Acq On : 05 Apr 2019 02:12
Operator : JC/SP
Sample : K2274-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-190402

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

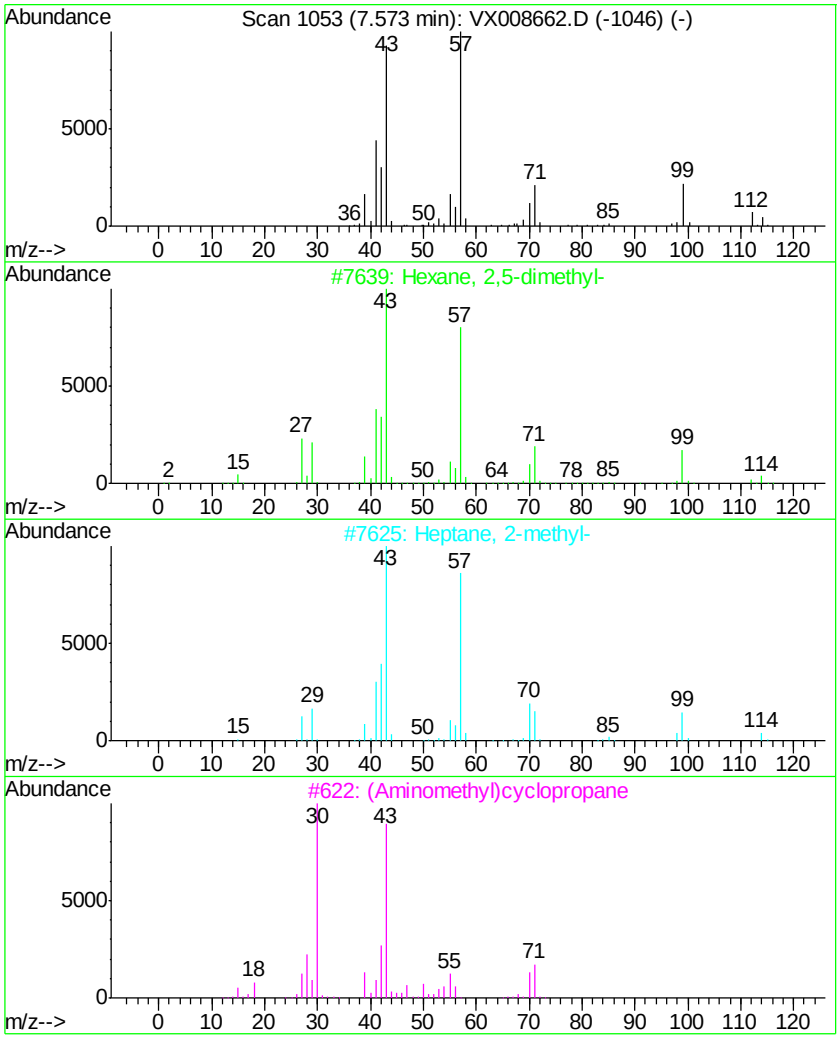
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

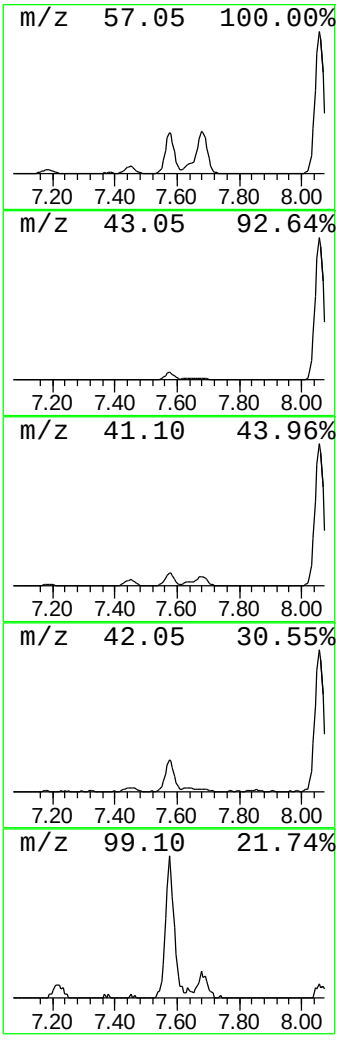
****

Peak Number 5 Hexane, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	5.63 ug/l	99645	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	72
3	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	47
4	Hydroxylamine, O-(3-methylbutyl)-	103	C5H13NO	019411-65-5	43
5	2,5-Hexanedione	114	C6H10O2	000110-13-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008662.D
Acq On : 05 Apr 2019 02:12
Operator : JC/SP
Sample : K2274-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-190402

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

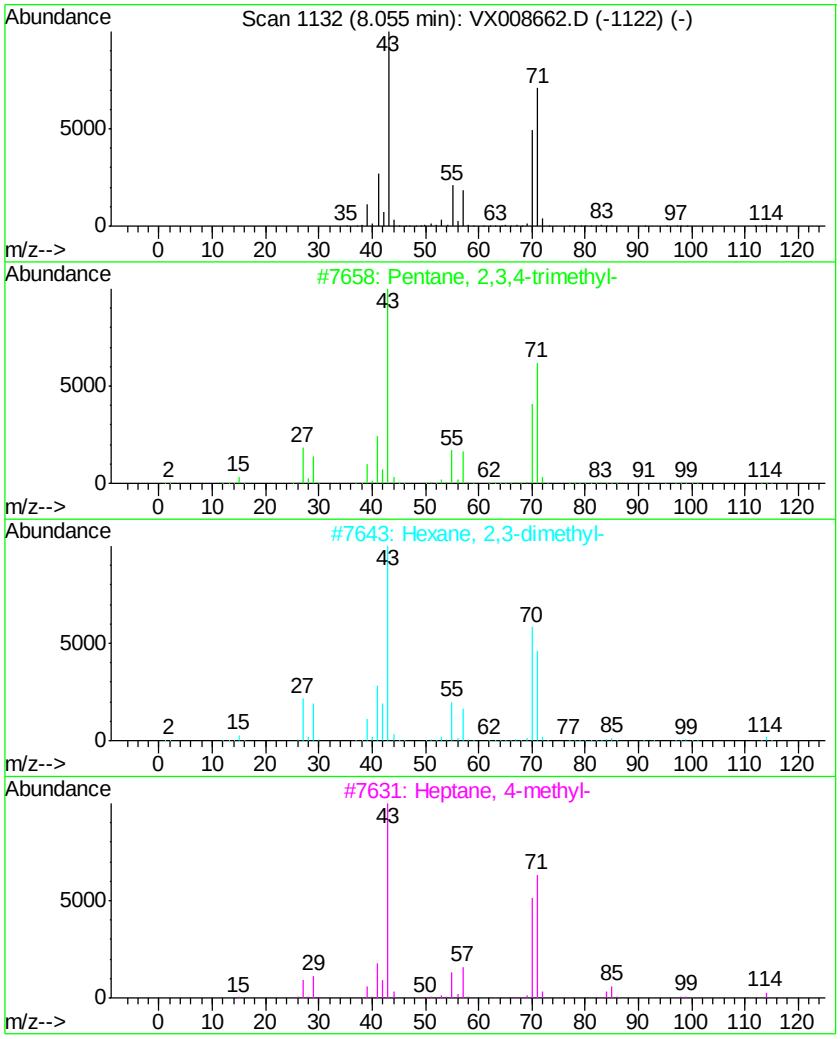
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

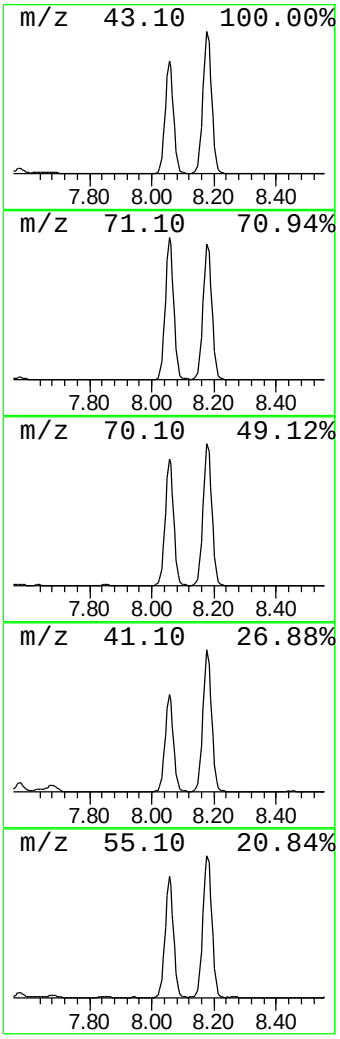
****

Peak Number 6 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	77.80 ug/l	1376570	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	91
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	72





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Sample : K2274-11
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ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-190402

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260

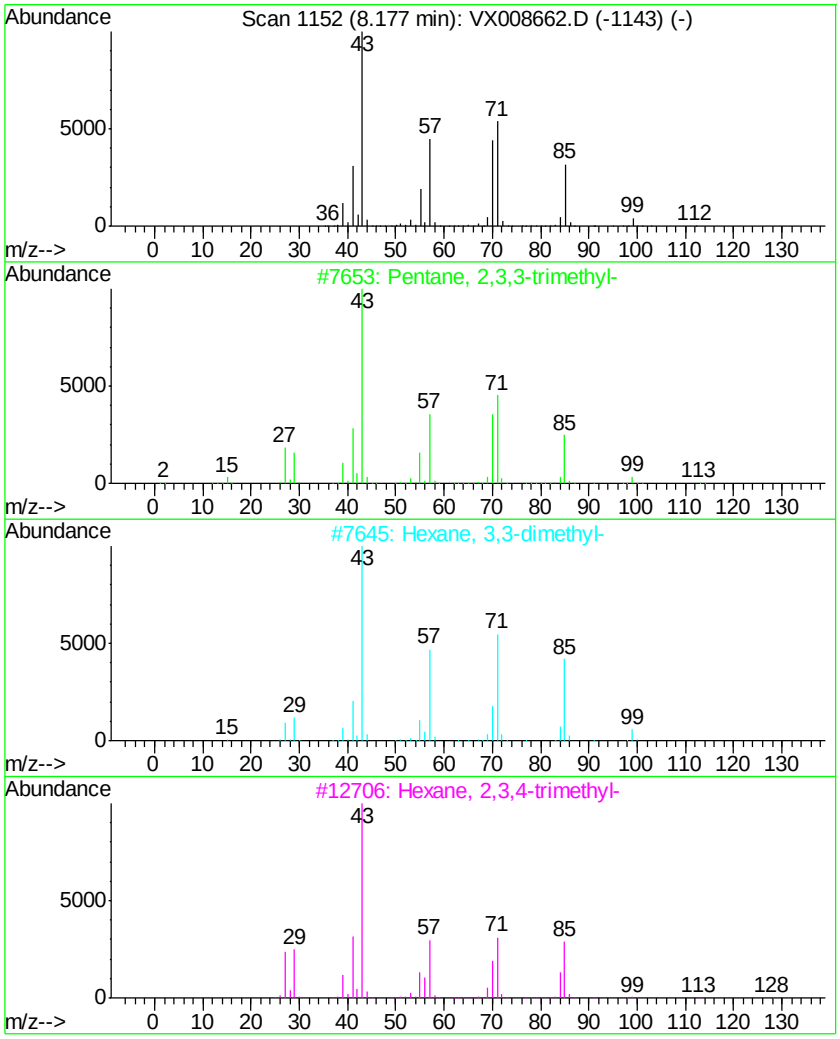
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

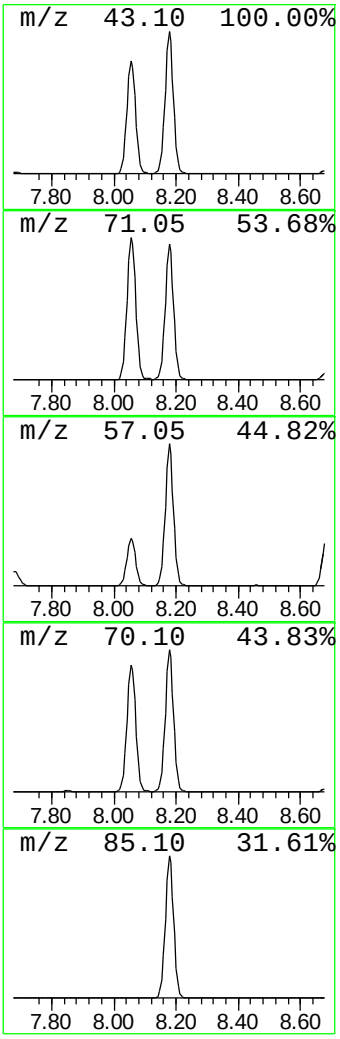
****

Peak Number 7 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	111.48 ug/l	1972440	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	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008662.D
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Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-190402

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.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, 2,2-dimet...	2.39	8.0	ug/l	104501	1	5.67	657178	50.0
Butane, 2,3-dimet...	2.84	40.7	ug/l	535236	1	5.67	657178	50.0
Pentane, 2,4-dime...	4.31	59.9	ug/l	787776	1	5.67	657178	50.0
Pentane, 2,2,4-tr...	6.35	164.1	ug/l	2903620	2	6.86	884643	50.0
Hexane, 2,5-dimet...	7.57	5.6	ug/l	99645	2	6.86	884643	50.0
Pentane, 2,3,4-tr...	8.06	77.8	ug/l	1376570	2	6.86	884643	50.0
Pentane, 2,3,3-tr...	8.18	111.5	ug/l	1972440	2	6.86	884643	50.0