LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

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\82X042220W.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	1.064	24	29	82	rBV	18256774	59420336	100.00%	46.692%
2	2.375	237	244	256	rVB	363247	733944	1.24%	0.577%
3	2.826	307	318	333	rBV	2845777	6230256	10.49%	4.896%
4	4.283	545	557	571	rBV	1339576	4078300	6.86%	3.205%
5	5.472	741	752	764	rBV2	448335	1286645	2.17%	1.011%
6	5.636	767	779	784	rVV2	814247	2357385	3.97%	1.852%
7	5.703	784	790	803	rVB	866247	2589128	4.36%	2.035%
8	6.032	836	844	856	rVB	486843	1263398	2.13%	0.993%
9	6.325	880	892	917	rVB	4731506	14196203	23.89%	11.155%
10	6.837	965	976	988	rBV	1254583	2963248	4.99%	2.329%
11	7.429	1063	1073	1082	rBV2	269175	604474	1.02%	0.475%
12	7.660	1099	1111	1120	rVB	227956	594874	1.00%	0.467%
13	8.038	1162	1173	1185	rBV	3185525	6216614	10.46%	4.885%
14	8.160	1185	1193	1204	rVV	4322868	8561029	14.41%	6.727%
15	8.666	1267	1276	1277	rBV	433709	660910	1.11%	0.519%
16	8.697	1277	1281	1293	rVV	2695891	4273087	7.19%	3.358%
17	10.099	1505	1511	1517	rBV	2853553	3795096	6.39%	2.982%
18	11.123	1674	1679	1683	rBV	2627971	3243721	5.46%	2.549%
19	12.062	1828	1833	1840	rBV	3430878	4190890	7.05%	3.293%

Sum of corrected areas: 127259538

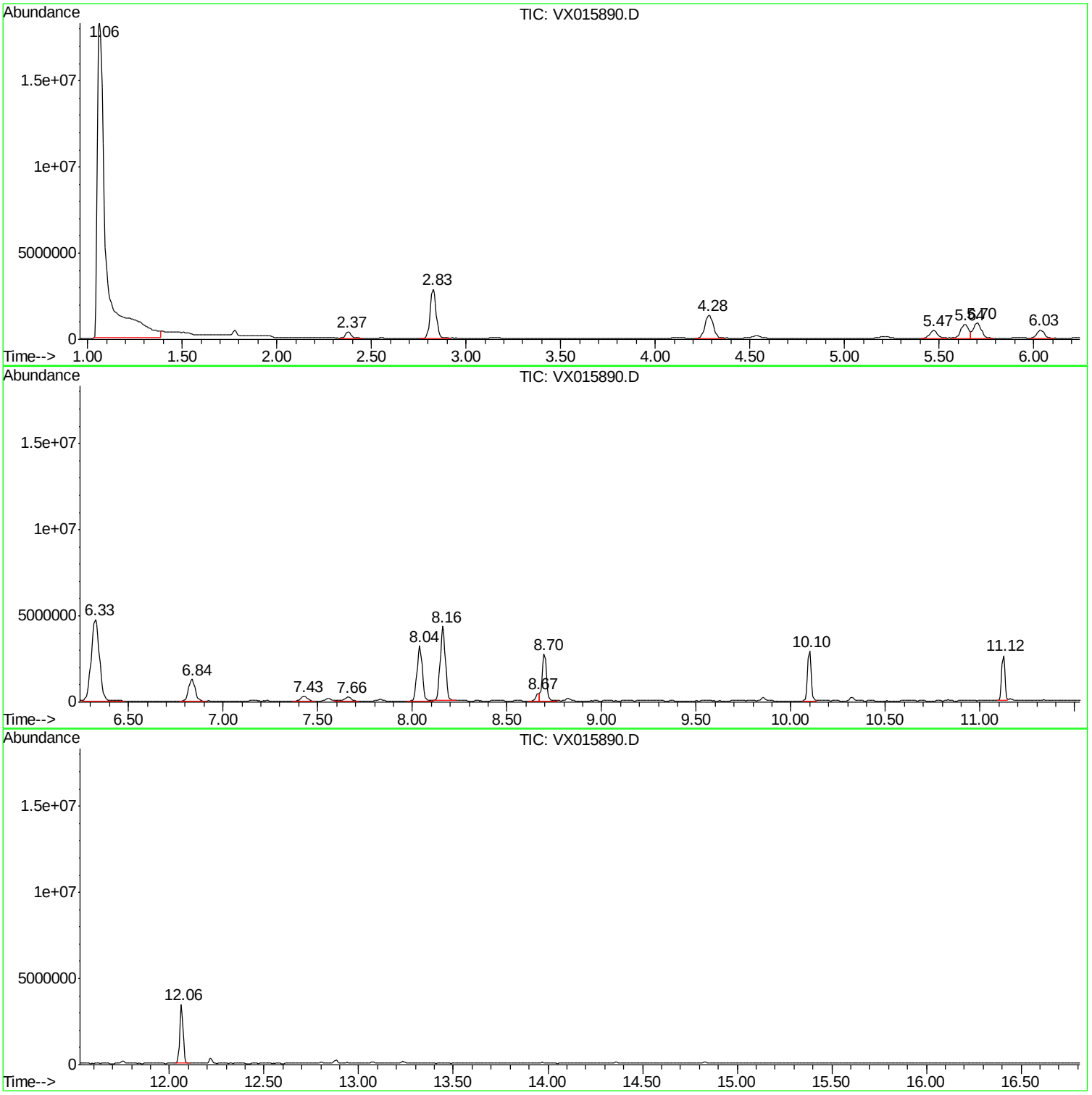
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

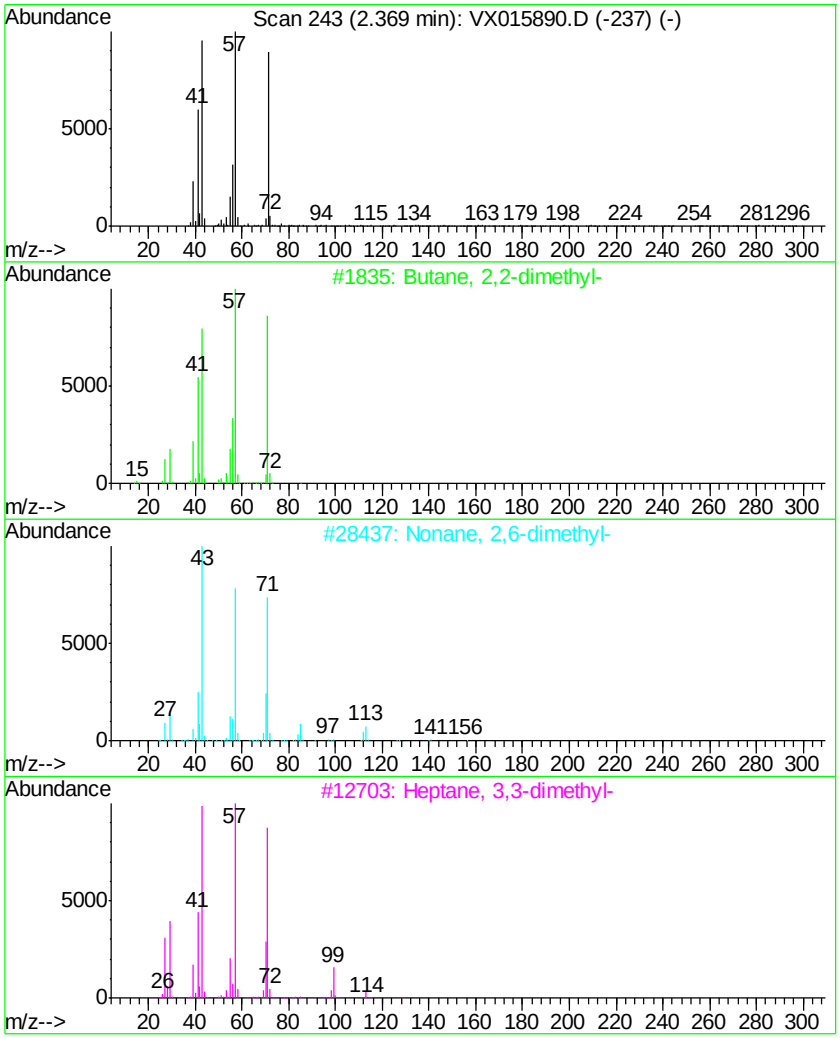
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

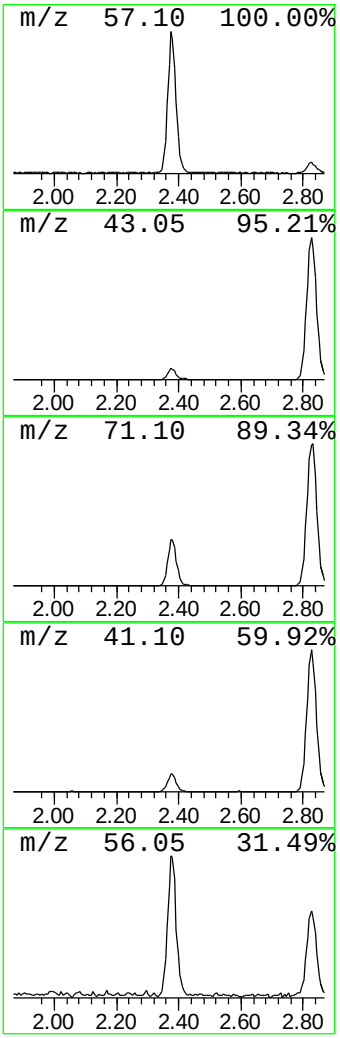
****

Peak Number 2 Butane, 2,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	15.57 ug/l	733944	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	86
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	64
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	64
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

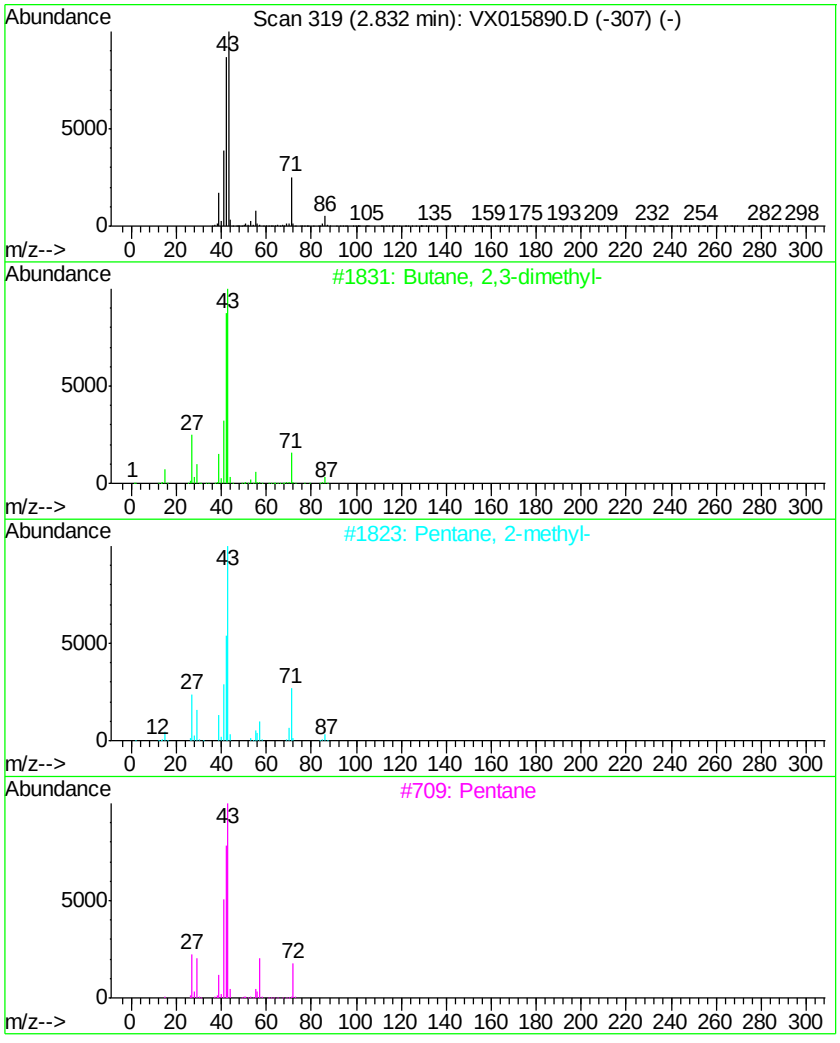
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

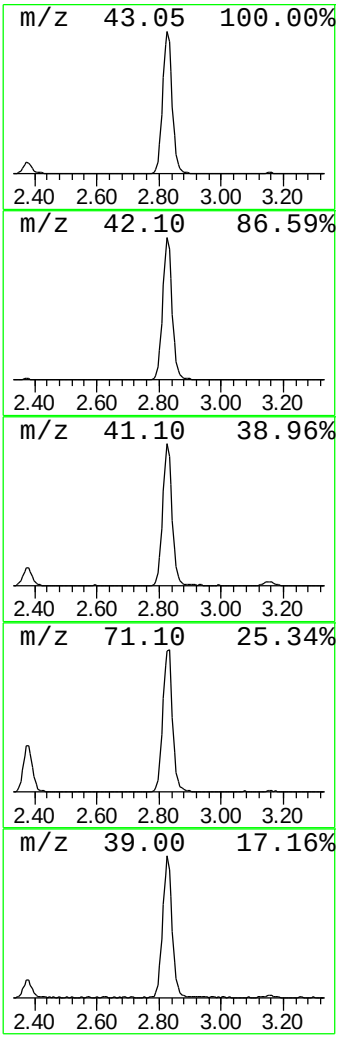
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	132.14 ug/l	6230260	Pentafluorobenzene	5.64

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	40
3	Pentane	72	C5H12	000109-66-0	38
4	C2H5C(CH3)2COCH3	114	C7H14O	020669-04-9	12
5	Tetrahydrofuran	72	C4H8O	000109-99-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

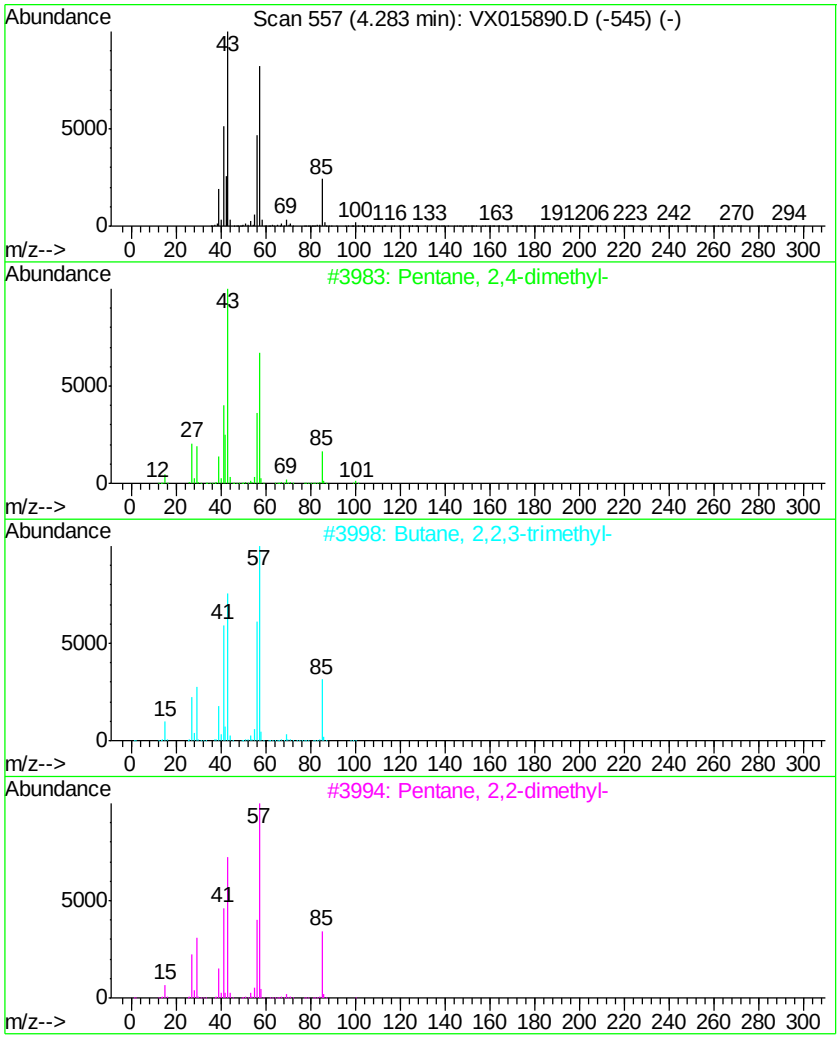
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

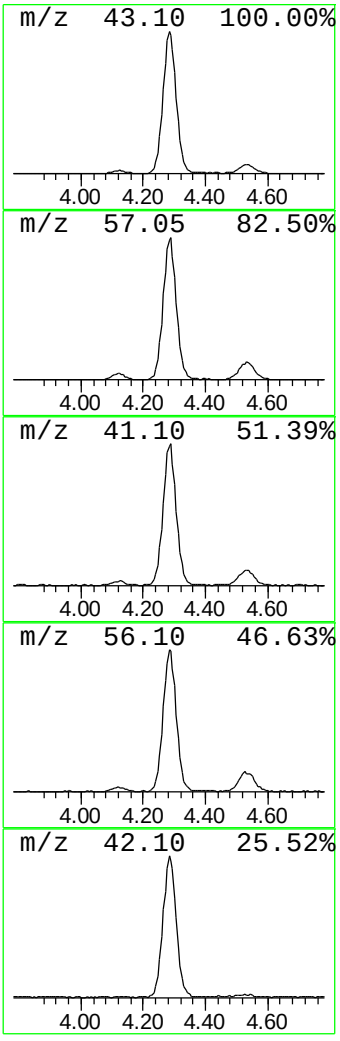
****

Peak Number 4 Pentane, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	86.50 ug/l	4078300	Pentafluorobenzene	5.64

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	Hexane, 2-methyl-	100	C7H16	000591-76-4	47
5	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

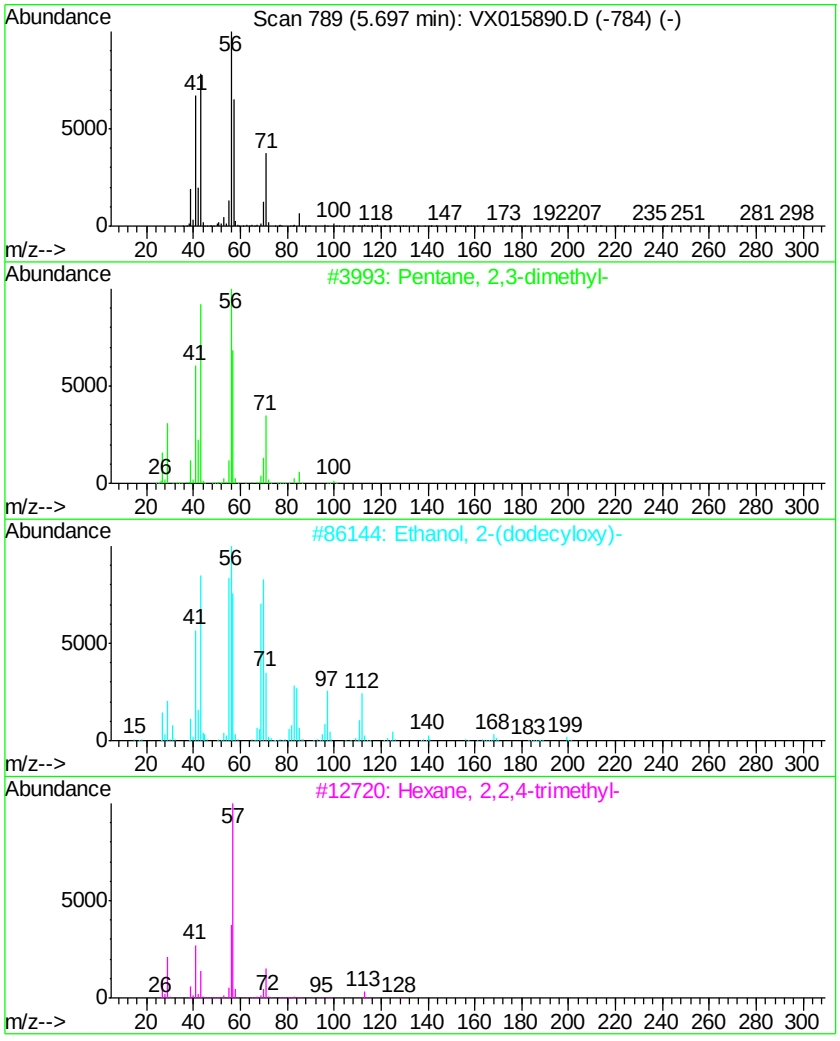
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

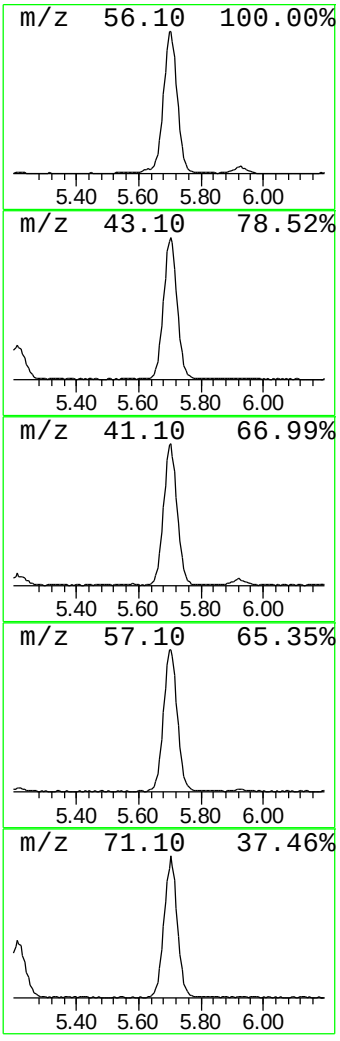
****

Peak Number 5 Pentane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	54.92 ug/l	2589130	Pentafluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	78
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42
4	Heptane	100	C7H16	000142-82-5	38
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

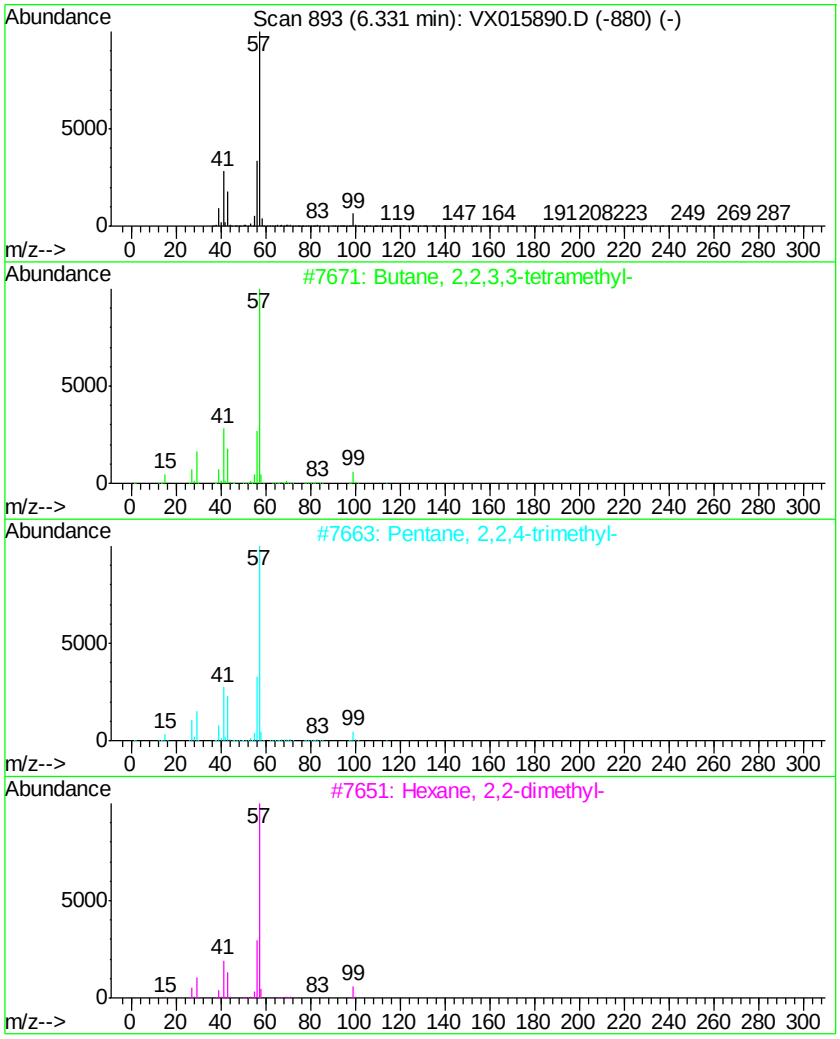
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

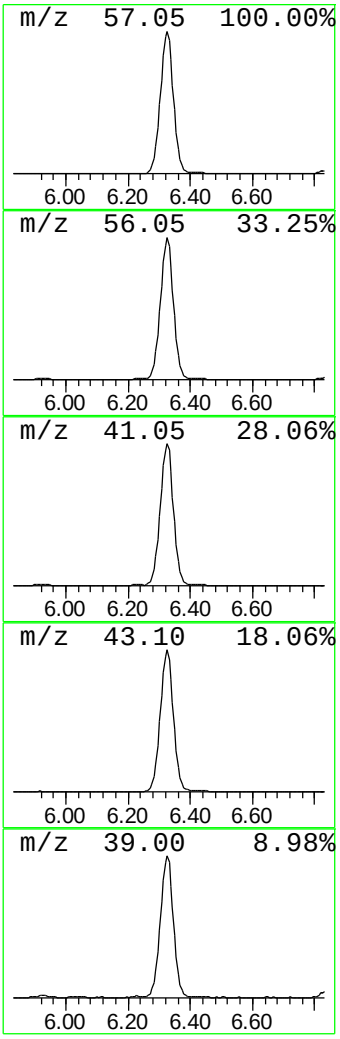
****

Peak Number 6 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	239.54 ug/l	14196200	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

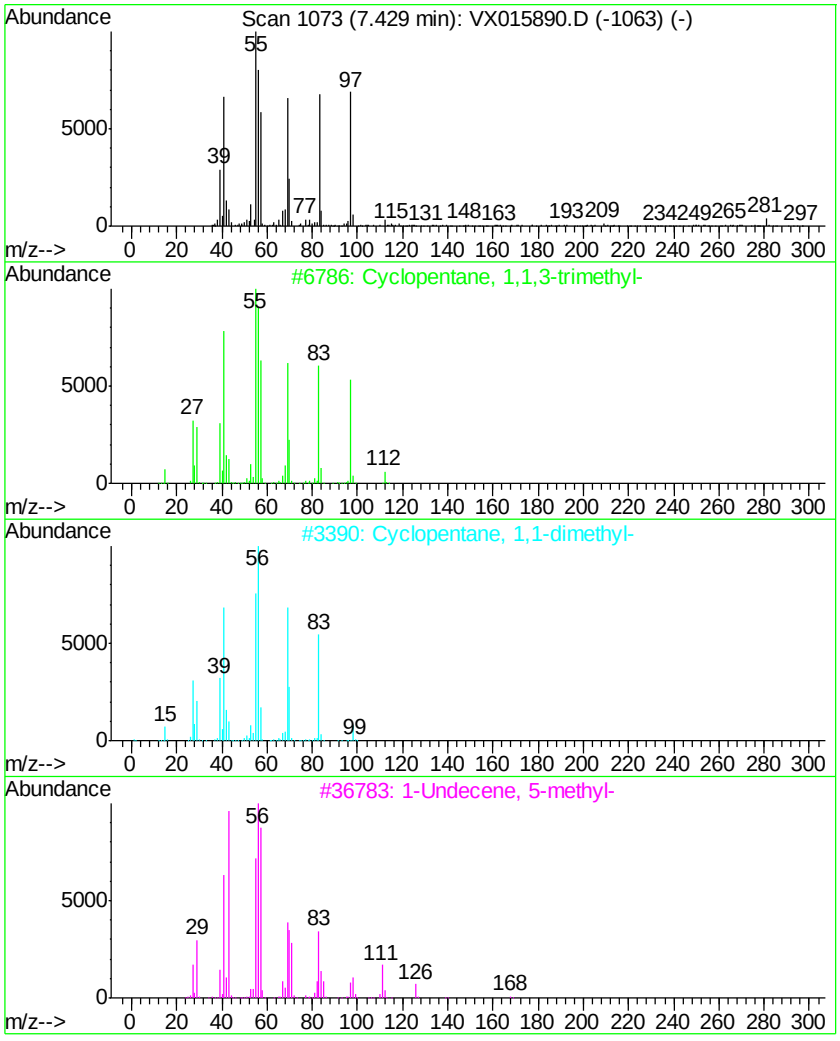
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

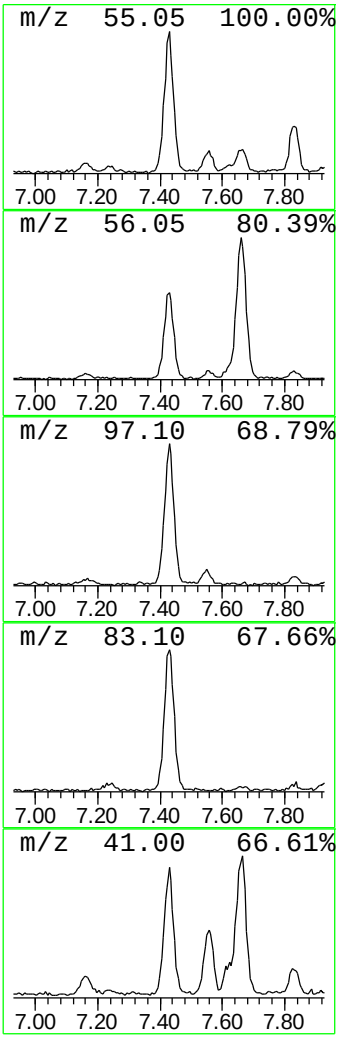
****

Peak Number 7 Cyclopentane, 1,1,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	10.20 ug/l	604474	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	90
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	58
3	1-Undecene, 5-methyl-	168	C12H24	074630-38-9	52
4	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	38
5	1-Octene, 7-methyl-	126	C9H18	013151-06-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

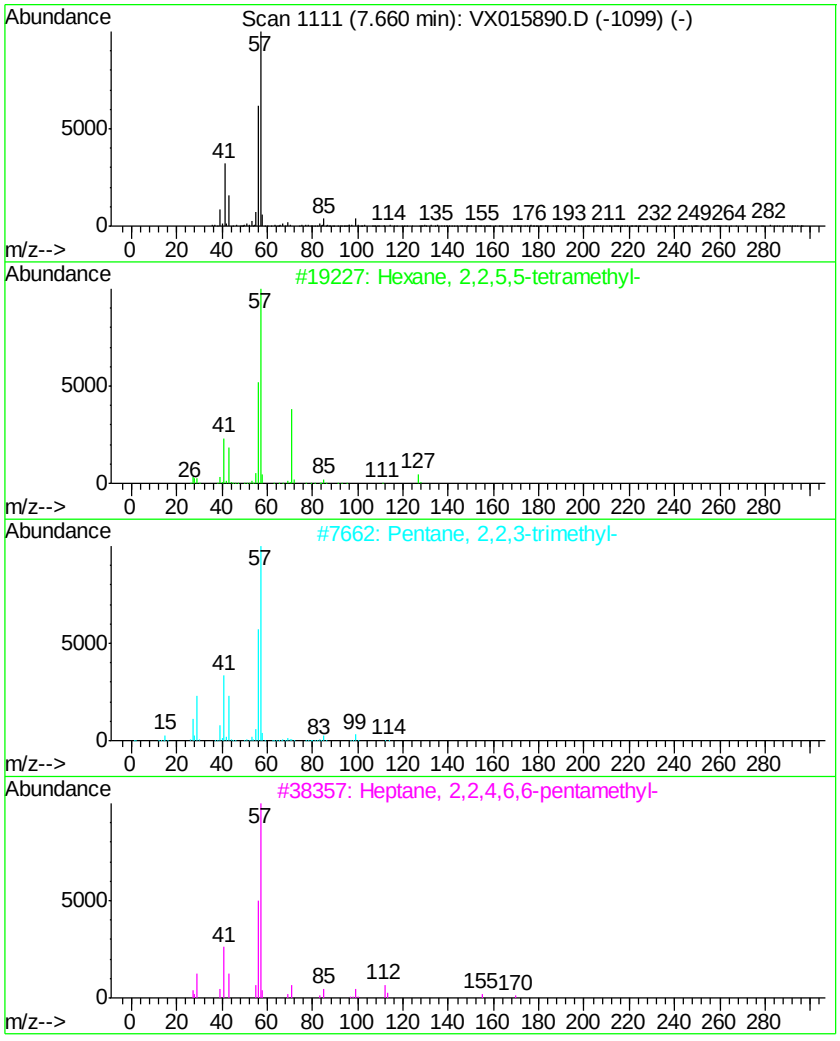
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

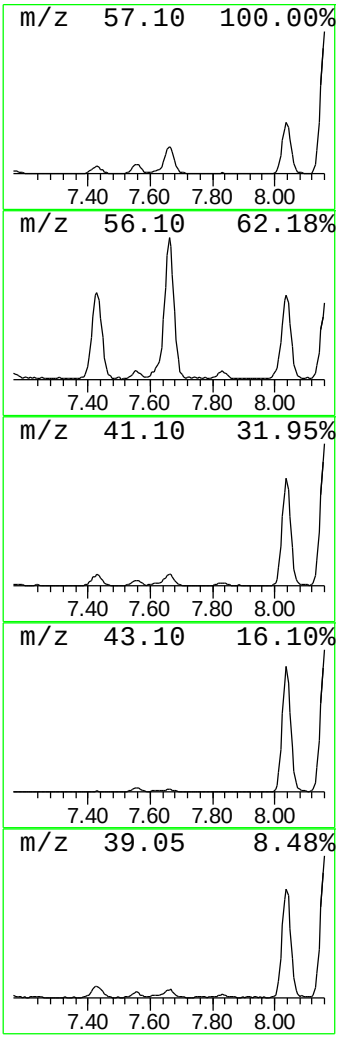
****

Peak Number 8 Hexane, 2,2,5,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	10.04 ug/l	594874	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
2	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	53
3	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	42
5	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

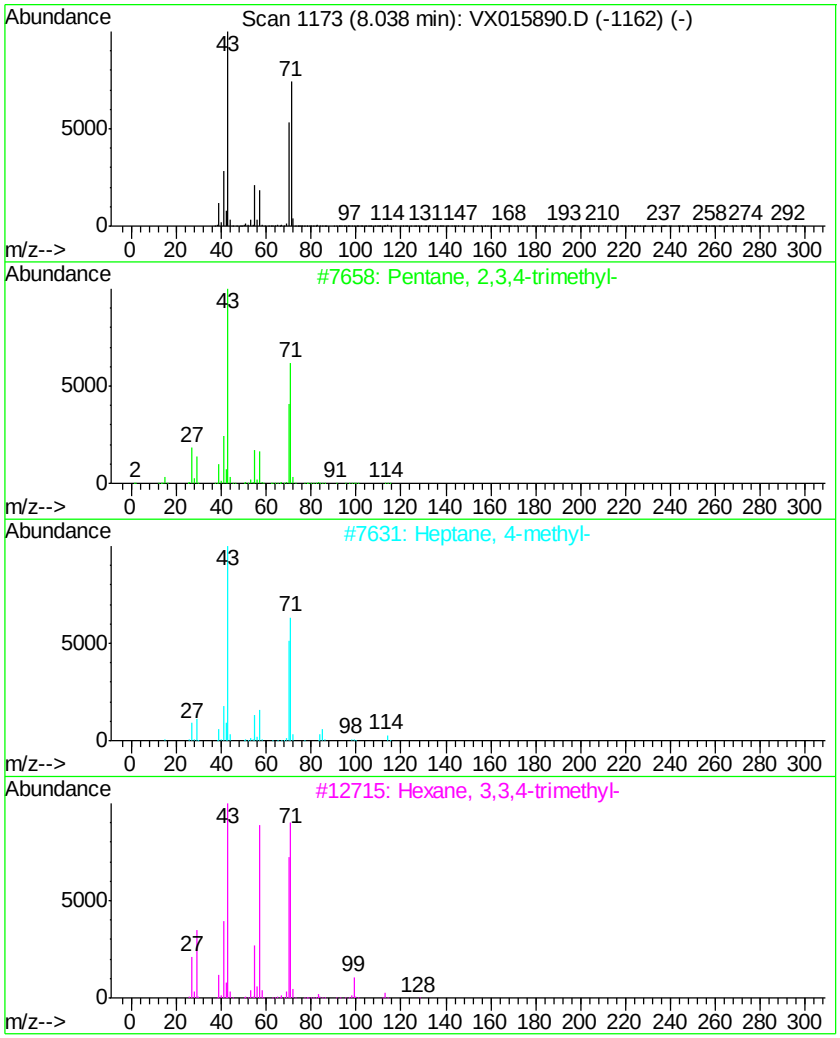
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

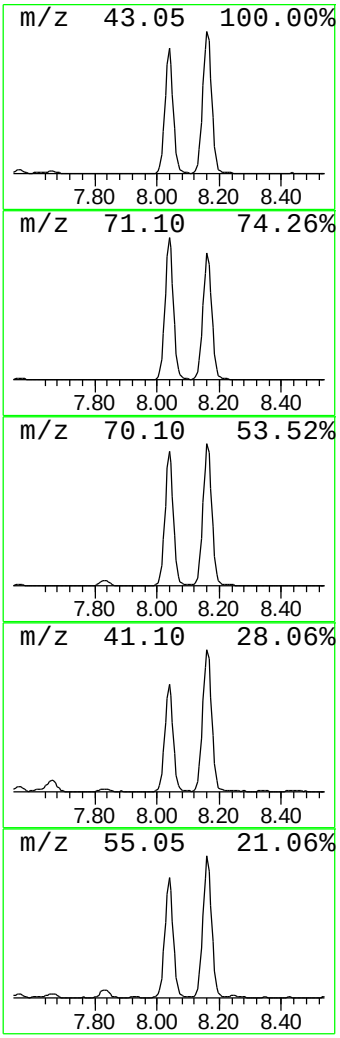
****

Peak Number 9 Pentane, 2,3,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	104.90 ug/l	6216610	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	72
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

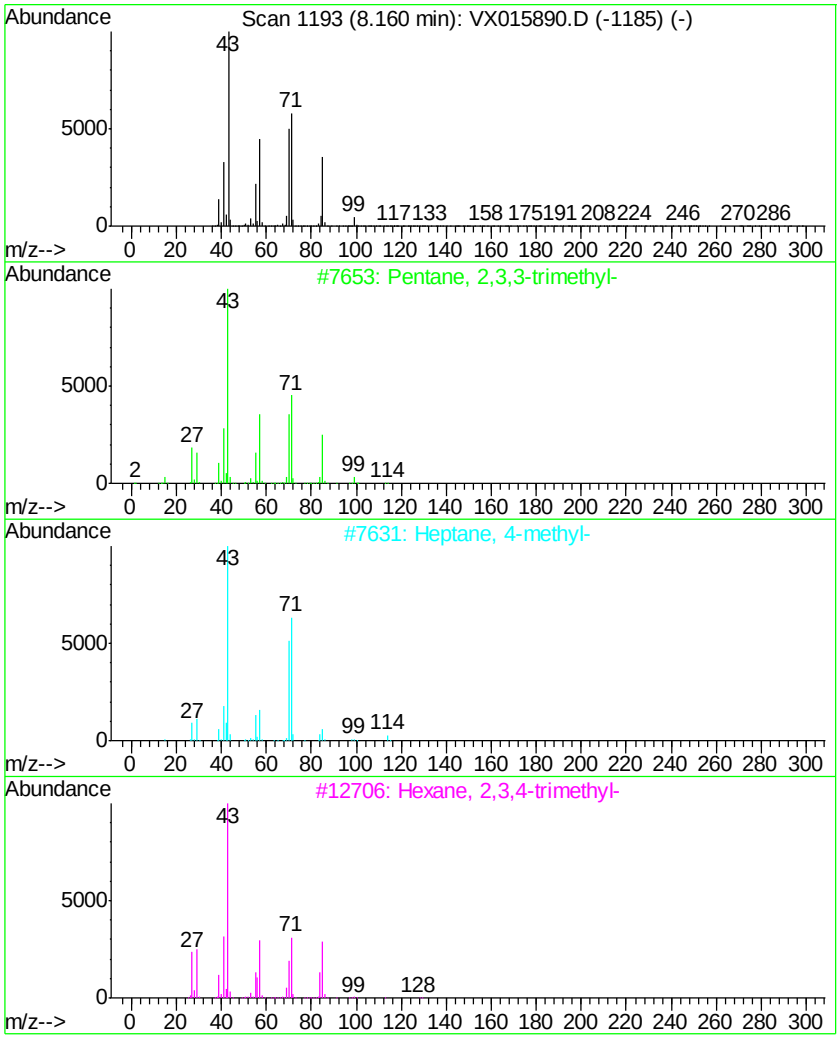
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

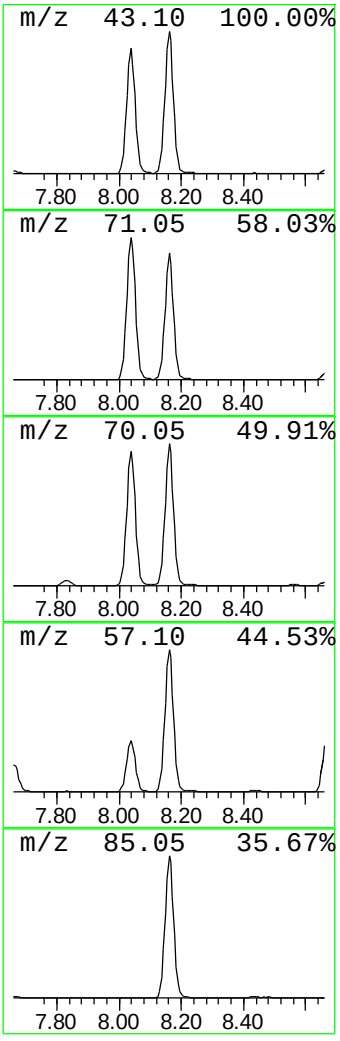
****

Peak Number 10 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	144.45 ug/l	8561030	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042320\
Data File : VX015890.D
Acq On : 23 Apr 2020 15:08
Operator : JC/SP
Sample : L2379-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS037MW012-200420

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.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...	2.37	15.6	ug/l	733944	1	5.64	2357390	50.0
Butane, 2,3-dimet...	2.83	132.1	ug/l	6230260	1	5.64	2357390	50.0
Pentane, 2,4-dime...	4.28	86.5	ug/l	4078300	1	5.64	2357390	50.0
Pentane, 2,3-dime...	5.70	54.9	ug/l	2589130	1	5.64	2357390	50.0
Butane, 2,2,3,3-t...	6.33	239.5	ug/l	14196200	2	6.84	2963250	50.0
Cyclopentane, 1,1...	7.43	10.2	ug/l	604474	2	6.84	2963250	50.0
Hexane, 2,2,5,5-t...	7.66	10.0	ug/l	594874	2	6.84	2963250	50.0
Pentane, 2,3,4-tr...	8.04	104.9	ug/l	6216610	2	6.84	2963250	50.0
Pentane, 2,3,3-tr...	8.16	144.4	ug/l	8561030	2	6.84	2963250	50.0