LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
Data File : VU025343.D
Acq On : 12 Jul 2018 16:43
Operator : MD/SY
Sample : J3922-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0495-180709

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_U\Method\82U070918W.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	1.088	139	155	176	rBV	795344	929888	79.86%	11.039%
2	1.403	247	253	263	rVB	21156	22126	1.90%	0.263%
3	2.709	645	659	677	rBV2	51701	104898	9.01%	1.245%
4	3.998	1045	1060	1078	rBV3	15730	42865	3.68%	0.509%
5	4.230	1111	1132	1154	rBV2	33287	87124	7.48%	1.034%
6	4.889	1319	1337	1353	rBV	175329	401929	34.52%	4.771%
7	4.988	1353	1368	1385	rVV	262394	579136	49.74%	6.875%
8	5.085	1385	1398	1415	rVB4	23975	59336	5.10%	0.704%
9	5.313	1448	1469	1492	rBV	187546	403397	34.65%	4.789%
10	5.542	1516	1540	1563	rBV	199310	481368	41.34%	5.714%
11	5.889	1634	1648	1675	rBV	356068	711954	61.15%	8.452%
12	6.397	1792	1806	1820	rBV4	5404	11737	1.01%	0.139%
13	6.538	1840	1850	1857	rBV5	6677	12963	1.11%	0.154%
14	6.590	1857	1866	1880	rVB2	17005	36723	3.15%	0.436%
15	6.931	1956	1972	1989	rBV	134991	270565	23.24%	3.212%
16	7.053	1991	2010	2035	rBV	235685	478852	41.13%	5.685%
17	7.304	2075	2088	2102	rVB4	9214	18379	1.58%	0.218%
18	7.525	2143	2157	2159	rBV3	23345	33004	2.83%	0.392%
19	7.567	2160	2170	2201	rVB	653219	1164328	100.00%	13.822%
20	9.094	2632	2645	2680	rBV	509501	863443	74.16%	10.250%
21	10.310	3012	3023	3048	rBV	495889	808313	69.42%	9.596%
22	10.628	3111	3122	3135	rVB4	10079	20280	1.74%	0.241%
23	11.487	3377	3389	3410	rBV	547769	881083	75.67%	10.460%

Sum of corrected areas: 8423691

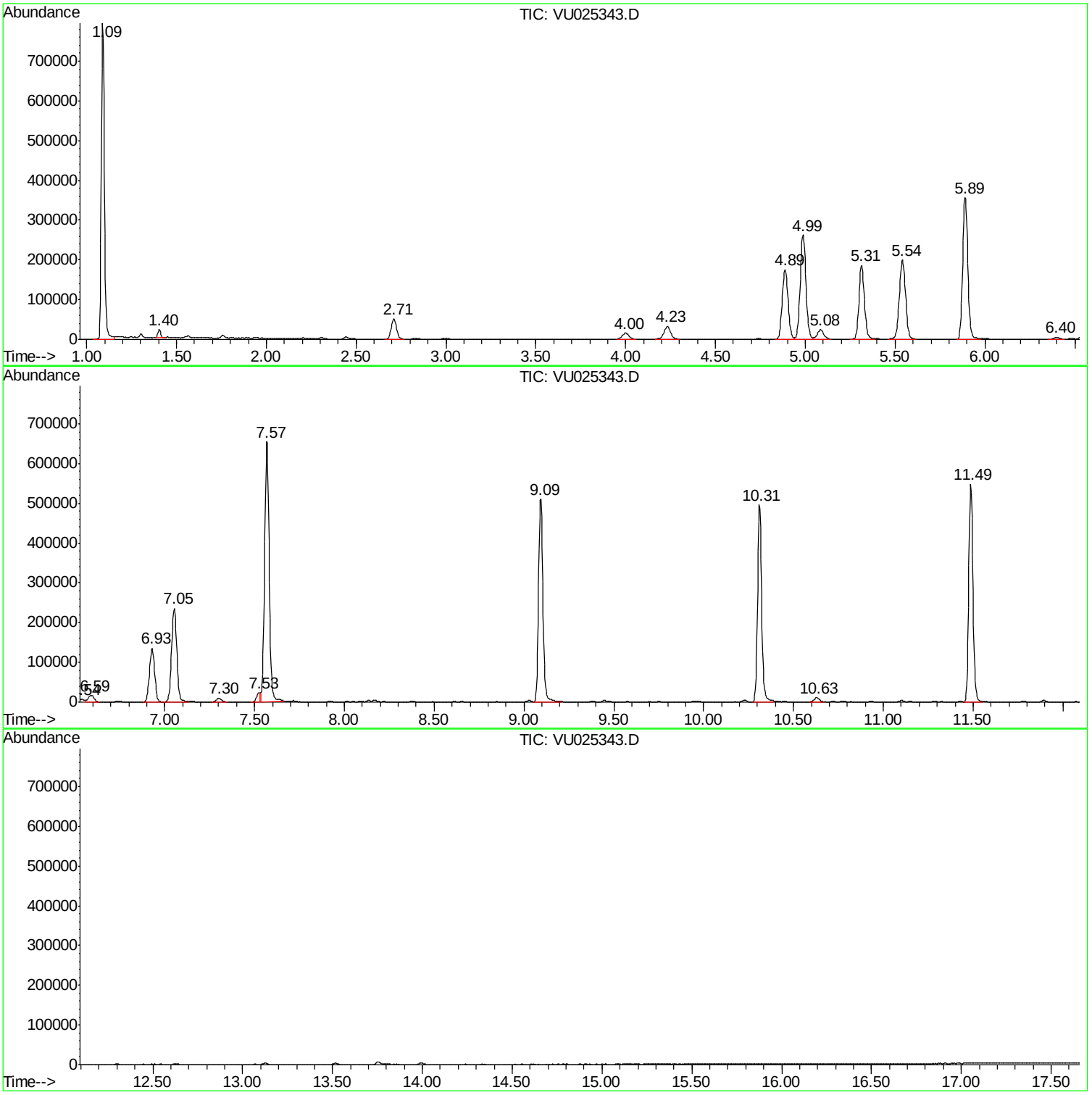
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
Data File : VU025343.D
Acq On : 12 Jul 2018 16:43
Operator : MD/SY
Sample : J3922-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0495-180709

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071218\
Data File : VU025343.D
Acq On : 12 Jul 2018 16:43
Operator : MD/SY
Sample : J3922-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0495-180709

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260

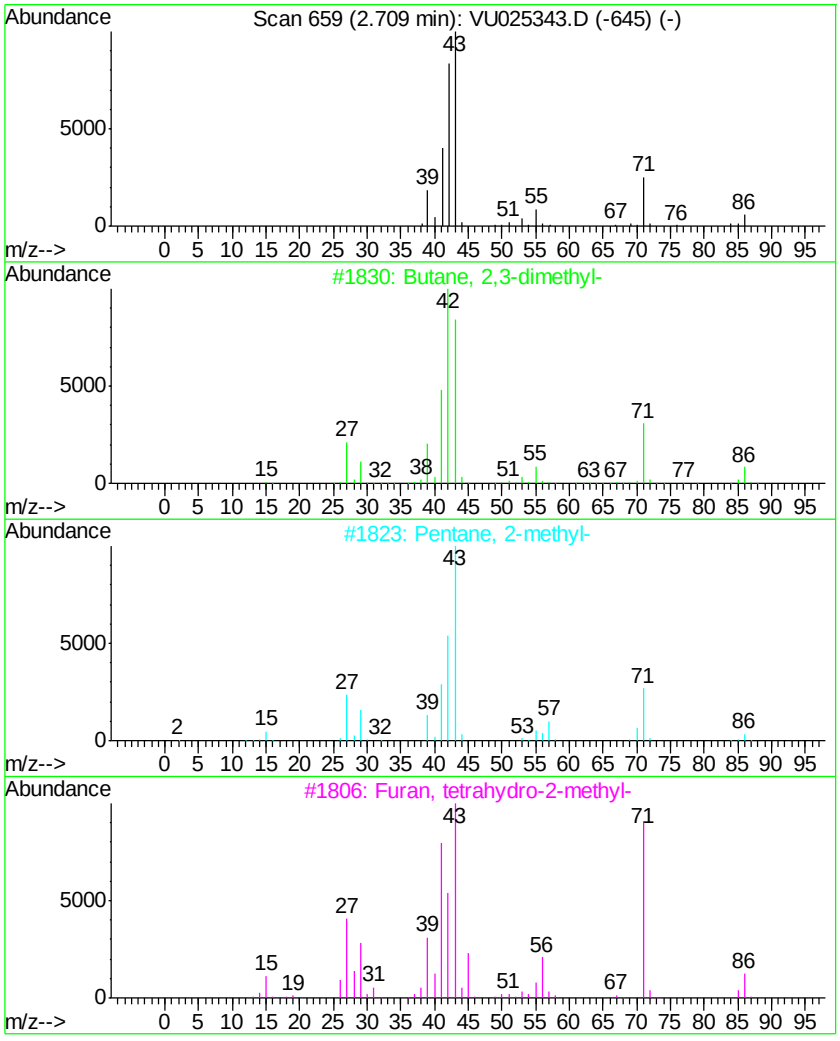
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

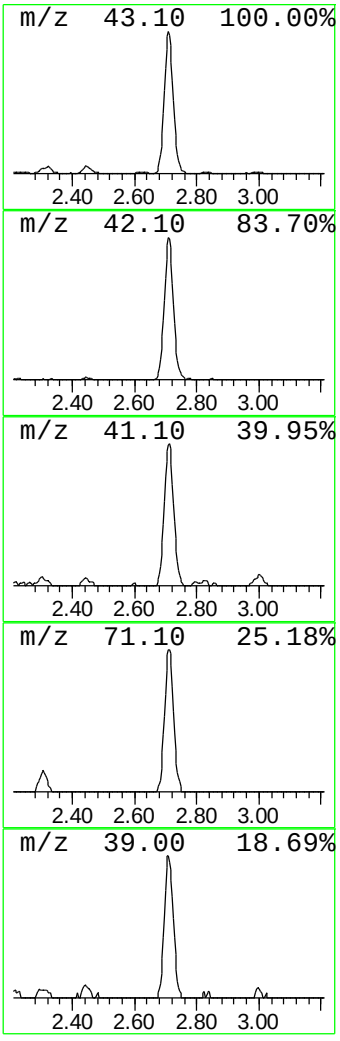
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	9.06 ug/l	104898	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	40
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9
4	Oxalic acid, pentyl propyl ester	202	C10H18O4	1000309-25-7	9
5	Tetrahydrofuran	72	C4H8O	000109-99-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071218\
Data File : VU025343.D
Acq On : 12 Jul 2018 16:43
Operator : MD/SY
Sample : J3922-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0495-180709

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260

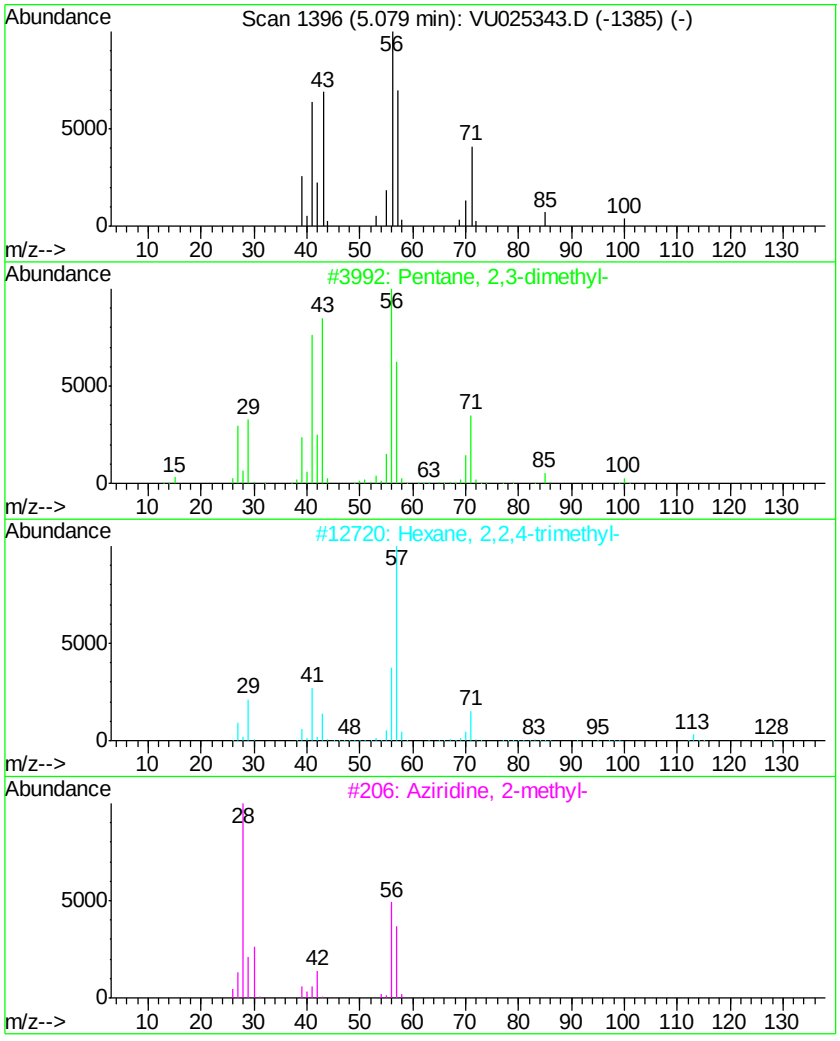
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

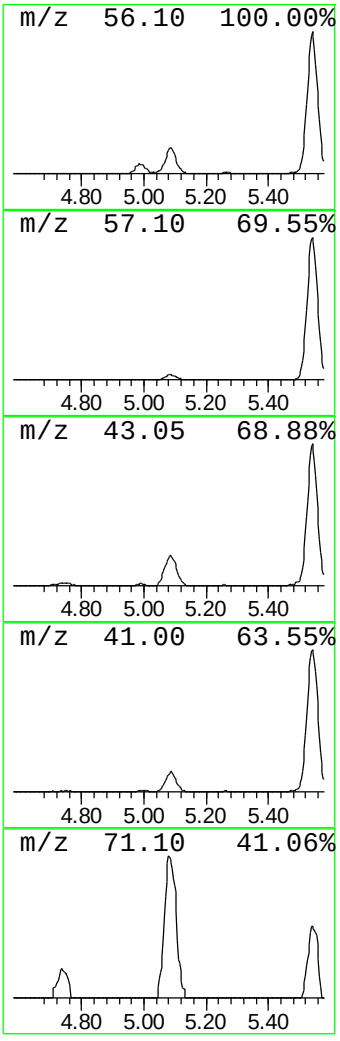
****

Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	5.12 ug/l	59336	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45
3	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	42
4	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	39
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071218\
Data File : VU025343.D
Acq On : 12 Jul 2018 16:43
Operator : MD/SY
Sample : J3922-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0495-180709

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260

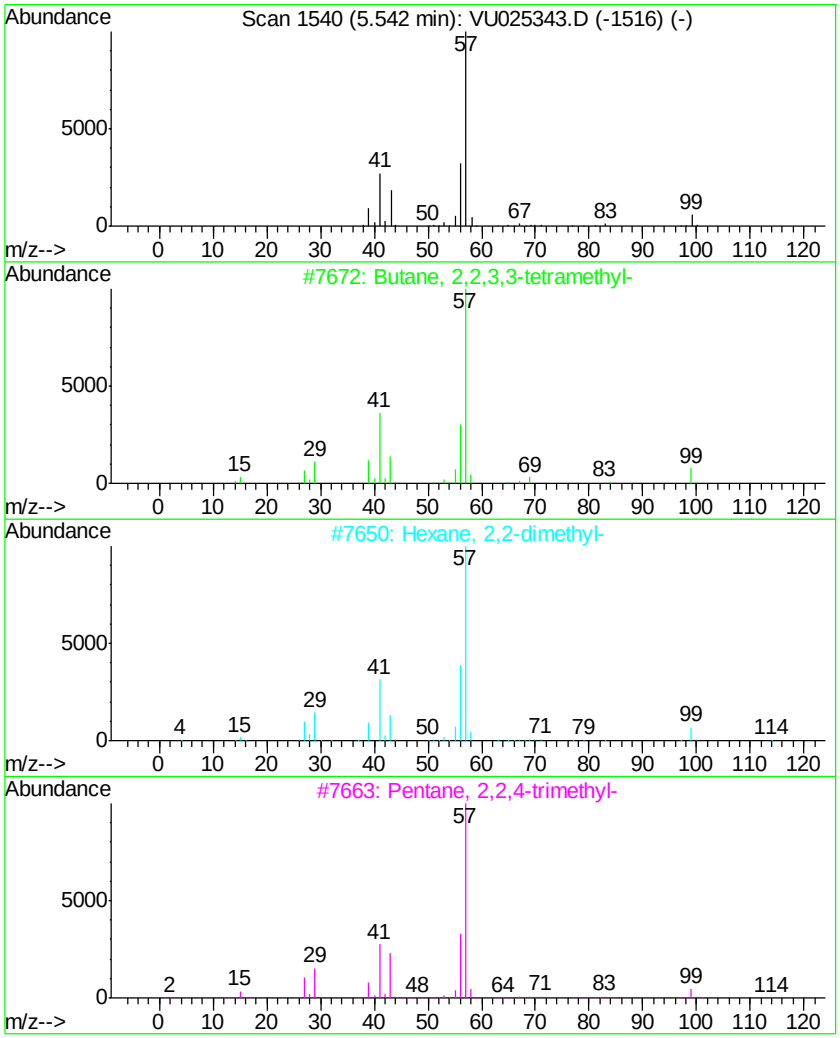
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

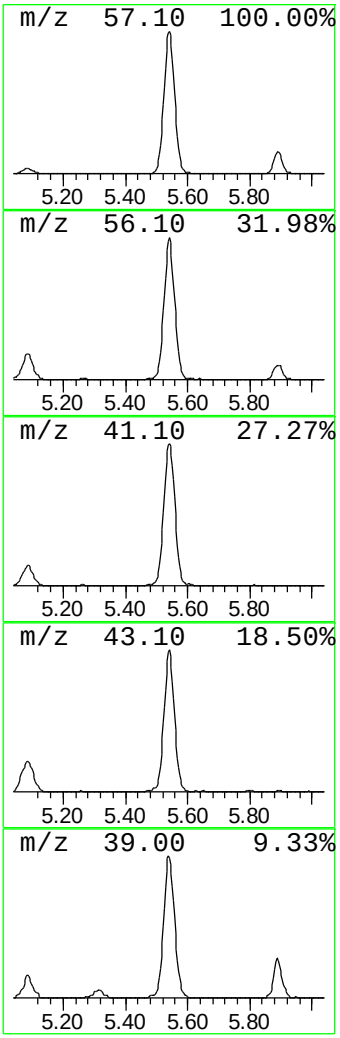
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	33.81 ug/l	481368	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071218\
Data File : VU025343.D
Acq On : 12 Jul 2018 16:43
Operator : MD/SY
Sample : J3922-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0495-180709

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260

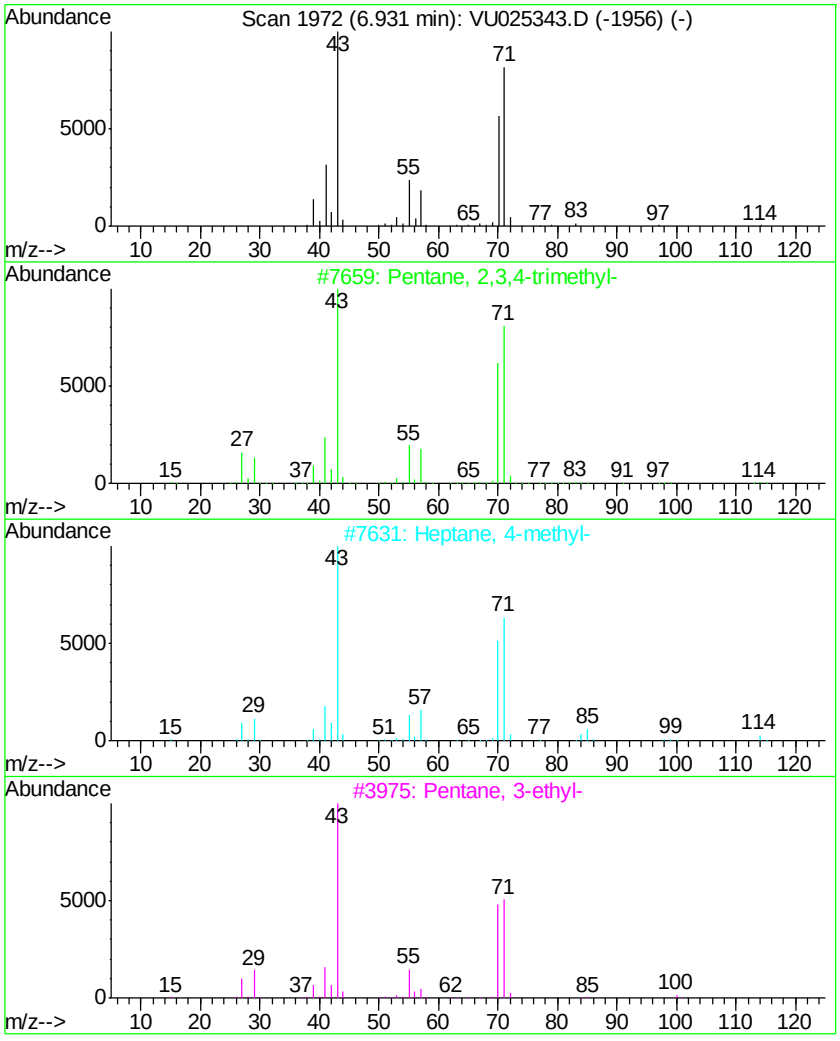
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

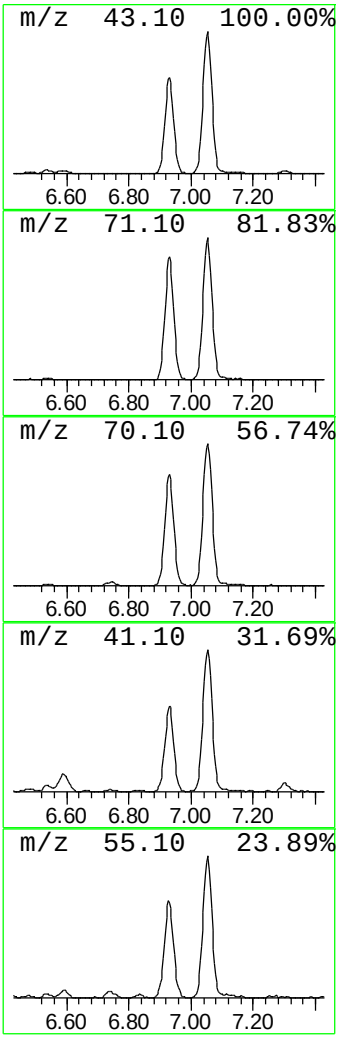
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	19.00 ug/l	270565	1,4-Difluorobenzene	5.89

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	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
4	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	72
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071218\
Data File : VU025343.D
Acq On : 12 Jul 2018 16:43
Operator : MD/SY
Sample : J3922-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0495-180709

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260

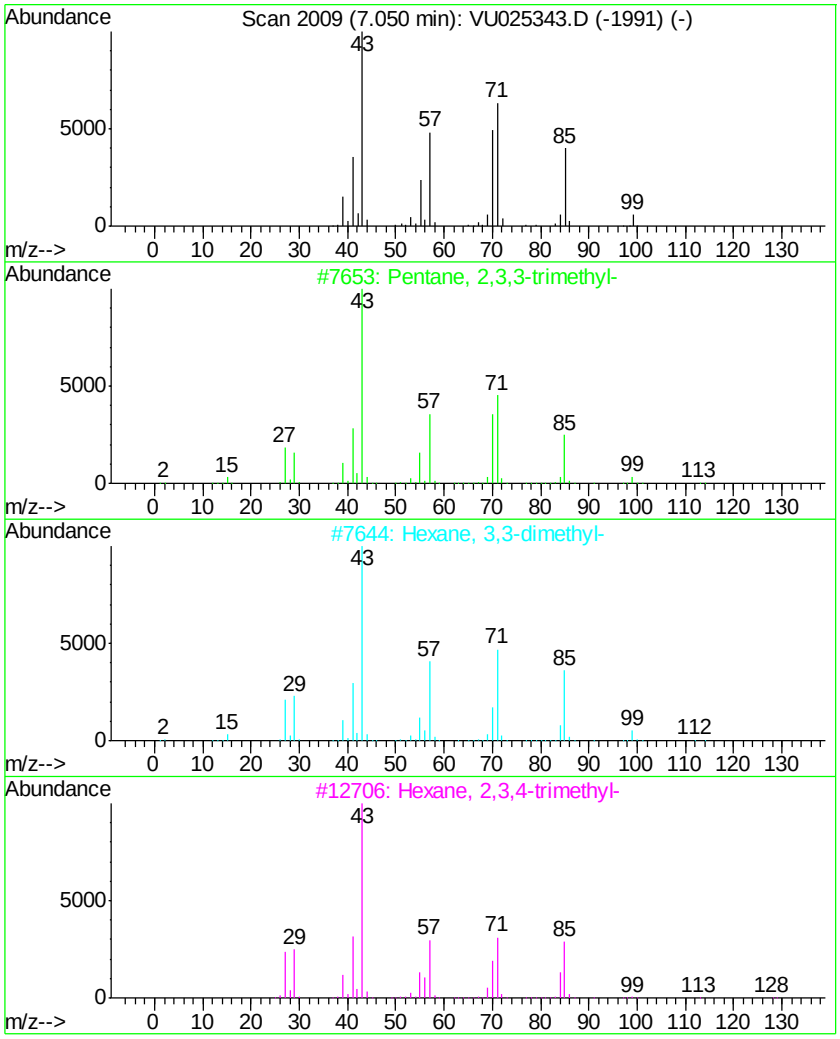
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

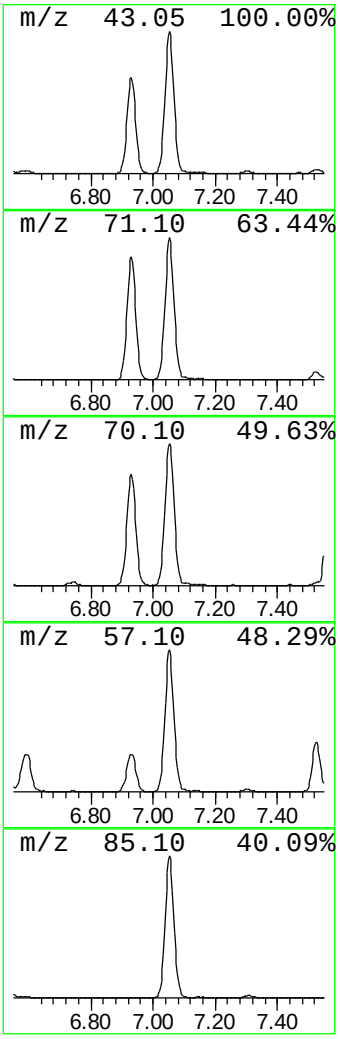
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	33.63 ug/l	478852	1,4-Difluorobenzene	5.89

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	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071218\
Data File : VU025343.D
Acq On : 12 Jul 2018 16:43
Operator : MD/SY
Sample : J3922-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DUP-0495-180709

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.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, 2,3-dimet...	2.71	9.1	ug/l	104898	1	4.99	579136	50.0
Pentane, 2,3-dime...	5.08	5.1	ug/l	59336	1	4.99	579136	50.0
Butane, 2,2,3,3-t...	5.54	33.8	ug/l	481368	2	5.89	711954	50.0
Pentane, 2,3,4-tr...	6.93	19.0	ug/l	270565	2	5.89	711954	50.0
Pentane, 2,3,3-tr...	7.05	33.6	ug/l	478852	2	5.89	711954	50.0