LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071118\
Data File : VU025323.D
Acq On : 11 Jul 2018 18:43
Operator : MD/SY
Sample : J3922-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SS037MW202-180709

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	1.089	138	155	176	rBV	788459	914362	81.88%	10.939%
2	1.404	244	253	260	rBV	20799	20680	1.85%	0.247%
3	2.442	565	576	585	rBV	6892	12314	1.10%	0.147%
4	2.709	644	659	677	rVB2	49354	101966	9.13%	1.220%
5	3.998	1039	1060	1080	rBV	16473	45440	4.07%	0.544%
6	4.230	1109	1132	1154	rVB4	27296	73308	6.56%	0.877%
7	4.886	1320	1336	1353	rBV	175414	393465	35.24%	4.707%
8	4.989	1353	1368	1386	rVV	251613	568037	50.87%	6.796%
9	5.085	1386	1398	1418	rVB4	25450	63069	5.65%	0.755%
10	5.314	1450	1469	1490	rBV	183872	390257	34.95%	4.669%
11	5.542	1509	1540	1565	rBV	217554	527856	47.27%	6.315%
12	5.889	1633	1648	1681	rBV	351359	700645	62.74%	8.382%
13	6.397	1796	1806	1818	rBV6	6263	12381	1.11%	0.148%
14	6.539	1840	1850	1857	rBV5	8109	15898	1.42%	0.190%
15	6.593	1857	1867	1883	rVB2	18863	40770	3.65%	0.488%
16	6.931	1954	1972	1993	rBV	142686	291106	26.07%	3.483%
17	7.053	1993	2010	2034	rBV	243371	499074	44.69%	5.971%
18	7.301	2067	2087	2103	rBV4	10422	21953	1.97%	0.263%
19	7.526	2144	2157	2160	rBV2	28128	43670	3.91%	0.522%
20	7.567	2160	2170	2190	rVB	635014	1116674	100.00%	13.359%
21	9.091	2632	2644	2672	rBV	492255	832128	74.52%	9.955%
22	10.310	3011	3023	3057	rBV	486526	797051	71.38%	9.535%
23	10.628	3111	3122	3136	rBV4	9743	19147	1.71%	0.229%
24	11.487	3376	3389	3414	rBV	527446	857582	76.80%	10.260%

Sum of corrected areas: 8358833

LSC Report - Integrated Chromatogram

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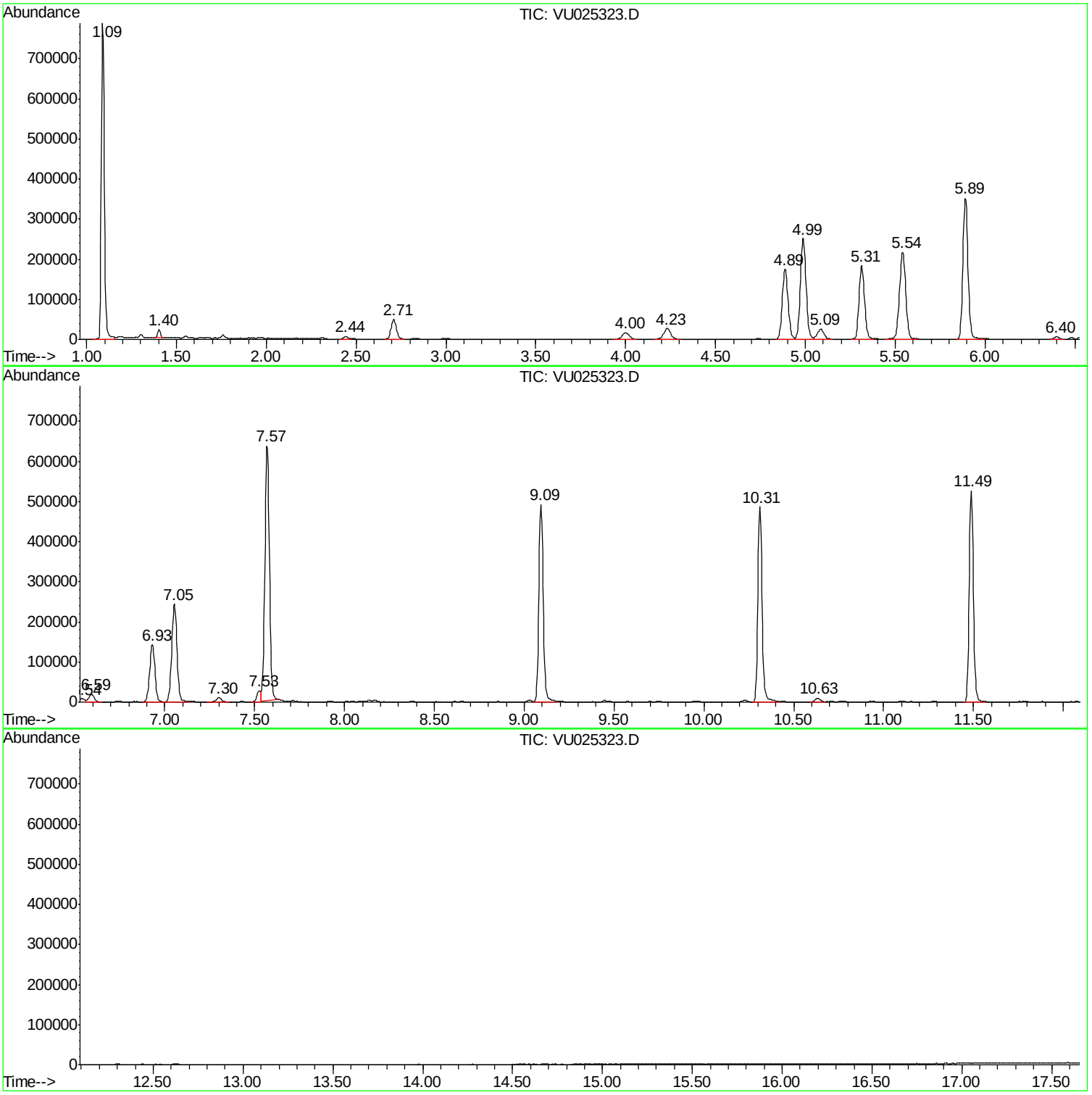
Sample : J3922-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SS037MW202-180709

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\VU071118\
Data File : VU025323.D
Acq On : 11 Jul 2018 18:43
Operator : MD/SY
Sample : J3922-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SS037MW202-180709

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

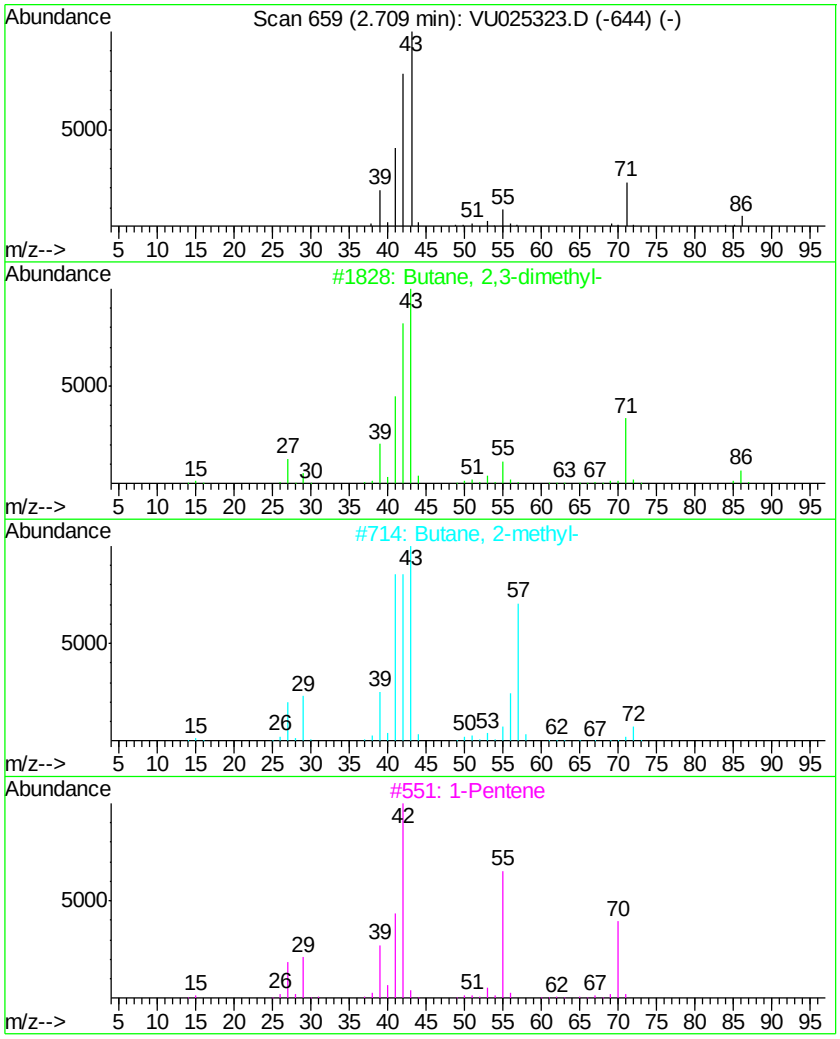
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

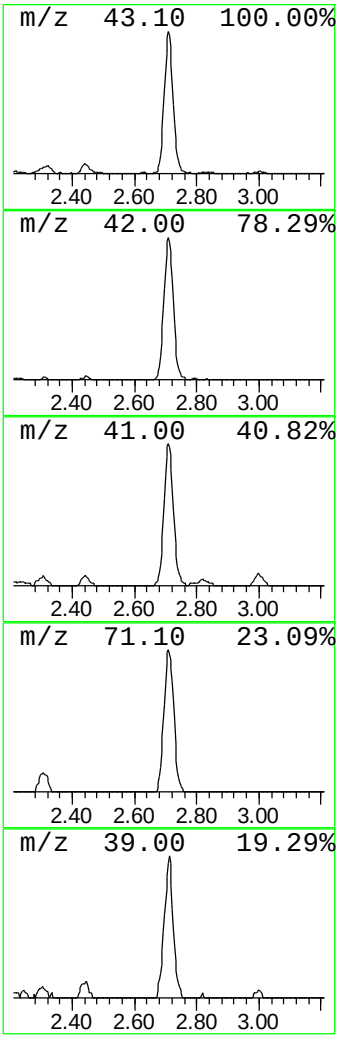
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	8.98 ug/l	101966	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	36
3	1-Pentene	70	C5H10	000109-67-1	33
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	14
5	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	12





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Data File : VU025323.D
Acq On : 11 Jul 2018 18:43
Operator : MD/SY
Sample : J3922-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SS037MW202-180709

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

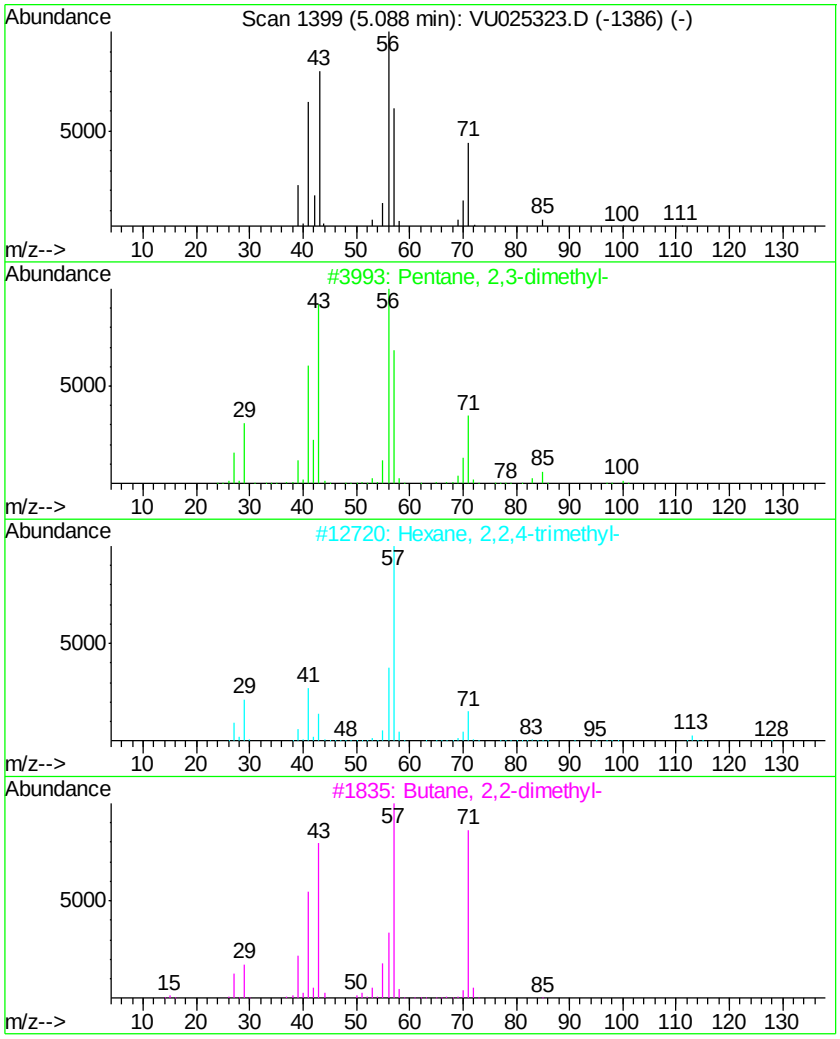
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

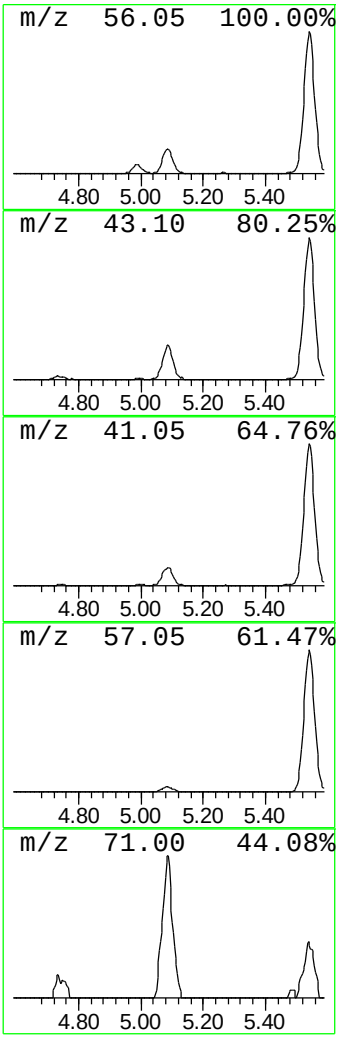
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	5.55 ug/l	63069	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071118\
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Acq On : 11 Jul 2018 18:43
Operator : MD/SY
Sample : J3922-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SS037MW202-180709

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

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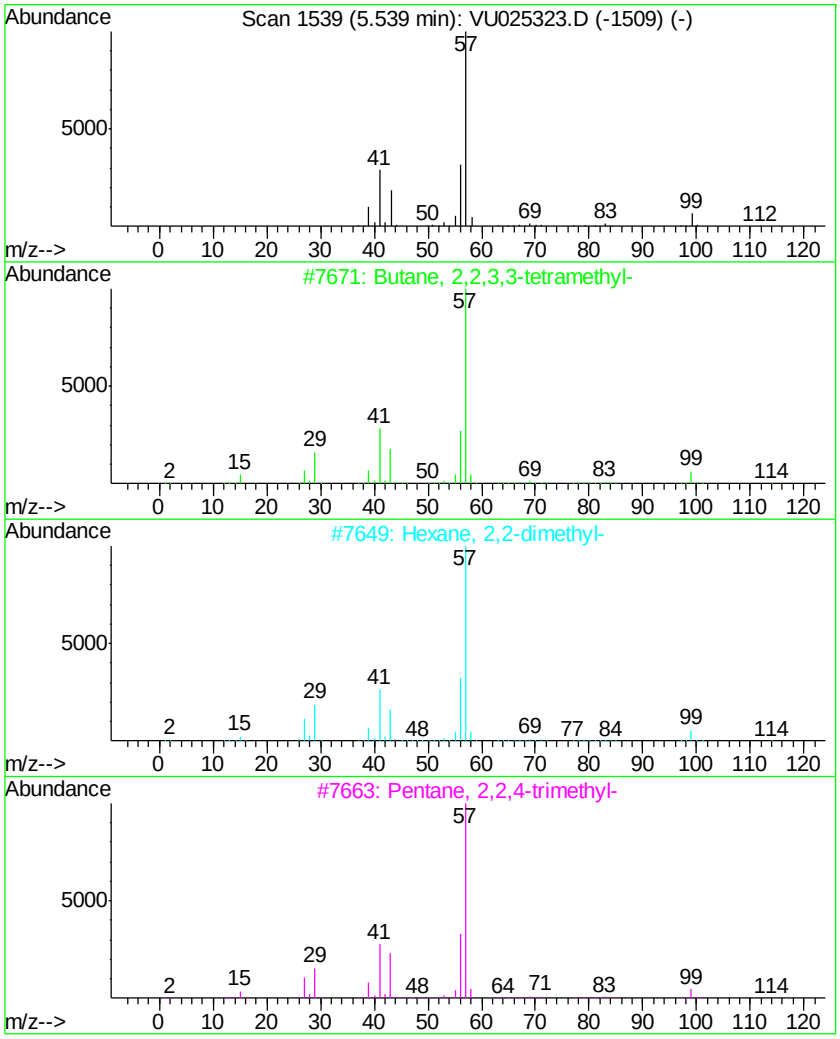
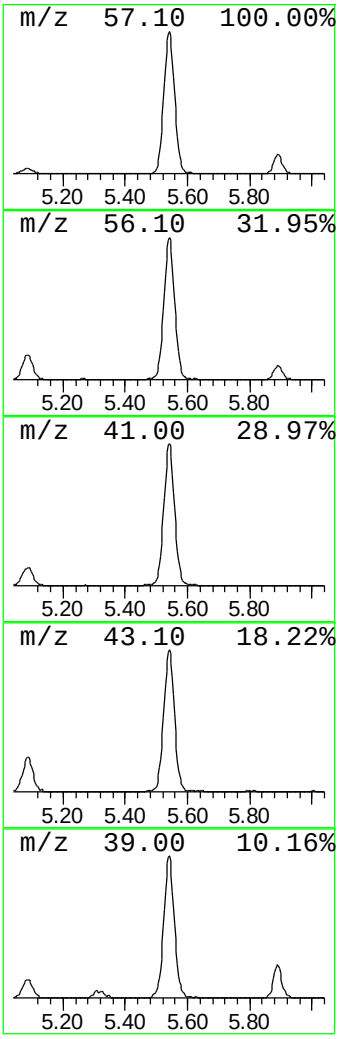
Peak Number 4 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	37.67 ug/l	527856	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	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071118\
Data File : VU025323.D
Acq On : 11 Jul 2018 18:43
Operator : MD/SY
Sample : J3922-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SS037MW202-180709

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

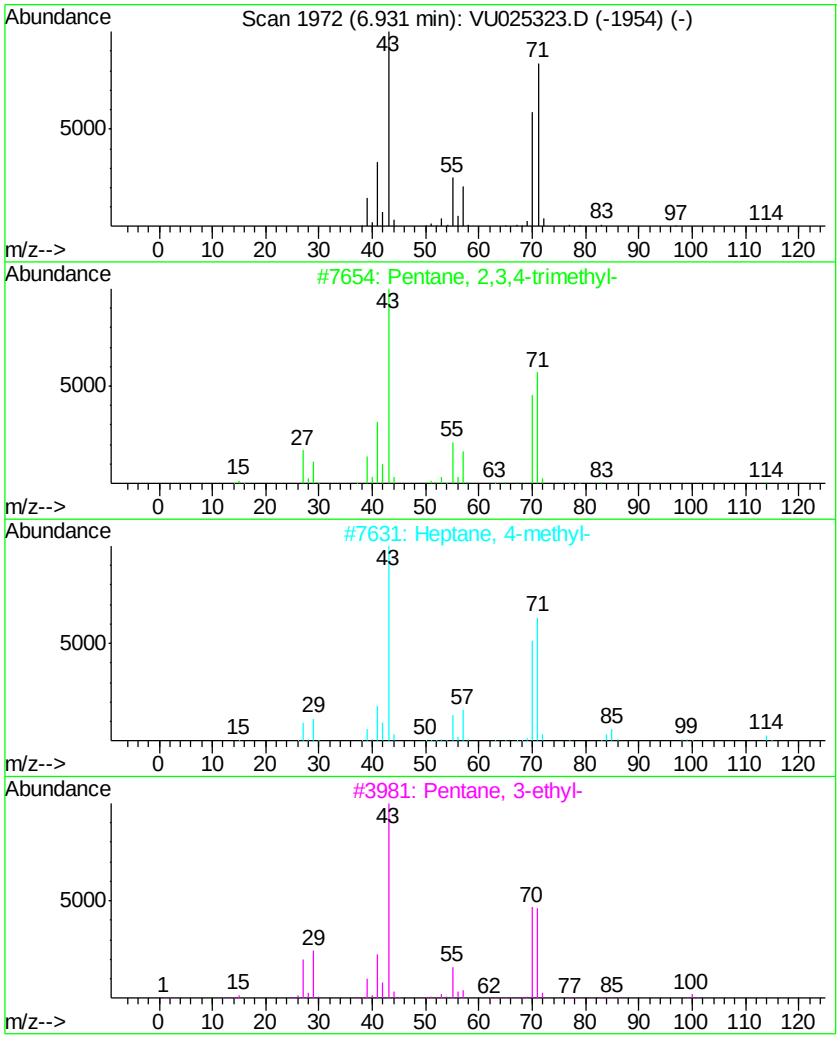
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

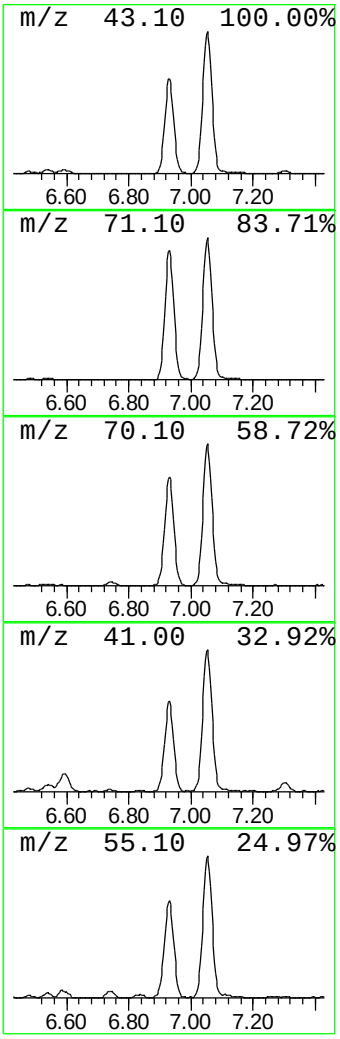
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	20.77 ug/l	291106	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	83
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78





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Data File : VU025323.D
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Sample : J3922-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SS037MW202-180709

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

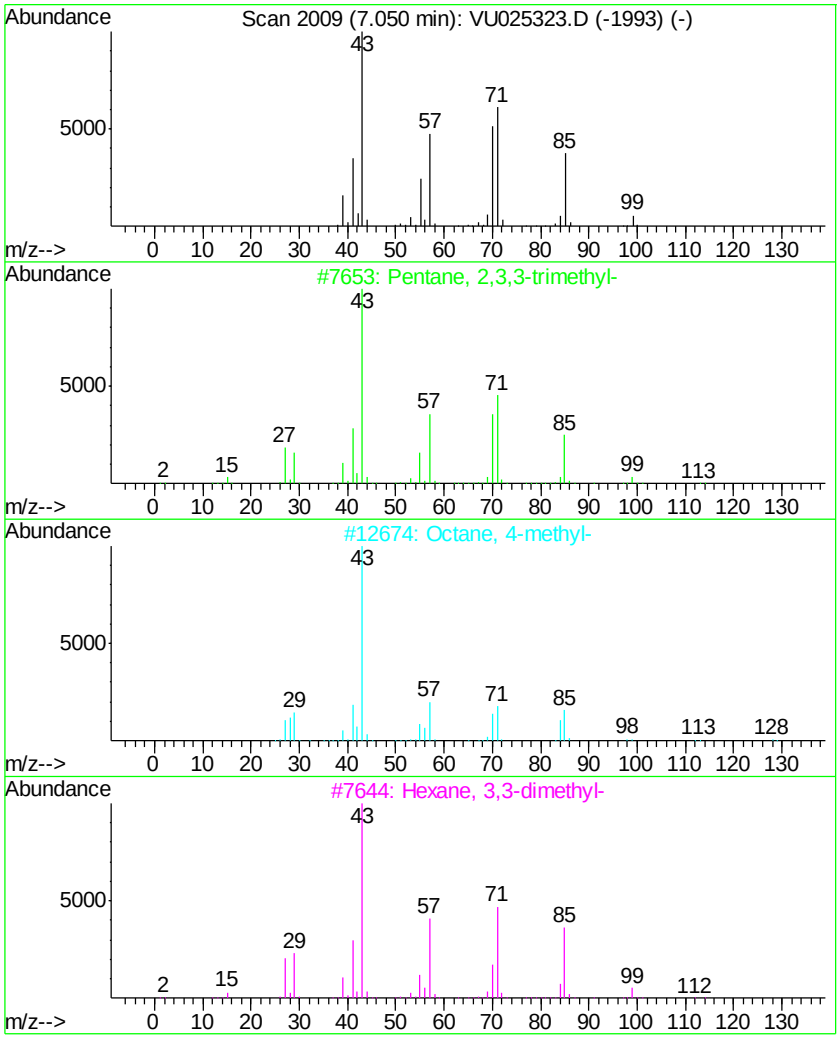
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

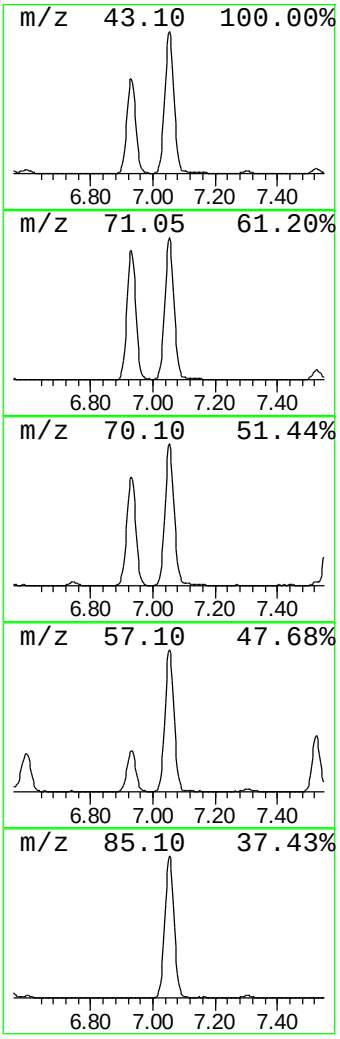
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	35.62 ug/l	499074	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	Octane, 4-methyl-	128	C9H20	002216-34-4	78
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59





Tentatively Identified Compound (LSC) summary

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Sample : J3922-09
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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : SS037MW202-180709

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	9.0	ug/l	101966	1	4.99	568037	50.0
Pentane, 2,3-dime...	5.09	5.5	ug/l	63069	1	4.99	568037	50.0
Butane, 2,2,3,3-t...	5.54	37.7	ug/l	527856	2	5.89	700645	50.0
Pentane, 2,3,4-tr...	6.93	20.8	ug/l	291106	2	5.89	700645	50.0
Pentane, 2,3,3-tr...	7.05	35.6	ug/l	499074	2	5.89	700645	50.0