LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003490.D
Acq On : 24 Jun 2018 05:48
Operator : SY/AP
Sample : J3670-10
Misc : 6.60G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-17-19-180621

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_W\METHOD\82W061318S.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	1.807	27	36	59	rVB	6570346	13501622	45.88%	24.168%
2	2.361	119	127	148	rBV	973204	1917731	6.52%	3.433%
3	5.422	614	629	644	rBV	150619	451390	1.53%	0.808%
4	7.172	901	916	940	rBV	11319735	29429899	100.00%	52.681%
5	7.885	1024	1033	1038	rBV	174892	410480	1.39%	0.735%
6	7.952	1038	1044	1052	rVB	273042	612435	2.08%	1.096%
7	8.312	1094	1103	1113	rBV2	191841	440561	1.50%	0.789%
8	8.482	1124	1131	1141	rVB	116633	298107	1.01%	0.534%
9	8.848	1181	1191	1201	rBV	402338	808913	2.75%	1.448%
10	9.336	1255	1271	1277	rBV	162202	390933	1.33%	0.700%
11	10.329	1426	1434	1449	rVB	732535	1330380	4.52%	2.381%
12	11.634	1639	1648	1658	rBV2	568933	1184749	4.03%	2.121%
13	12.140	1724	1731	1738	rBV3	142742	347409	1.18%	0.622%
14	12.347	1754	1765	1767	rBV5	133327	383456	1.30%	0.686%
15	12.628	1805	1811	1817	rBV	572537	955810	3.25%	1.711%
16	12.786	1834	1837	1844	rVB2	168299	307602	1.05%	0.551%
17	12.945	1857	1863	1870	rBV7	185884	401129	1.36%	0.718%
18	13.567	1959	1965	1973	rVB2	632152	1310884	4.45%	2.347%
19	13.884	2010	2017	2023	rBV2	767828	1381080	4.69%	2.472%

Sum of corrected areas: 55864570

LSC Report - Integrated Chromatogram

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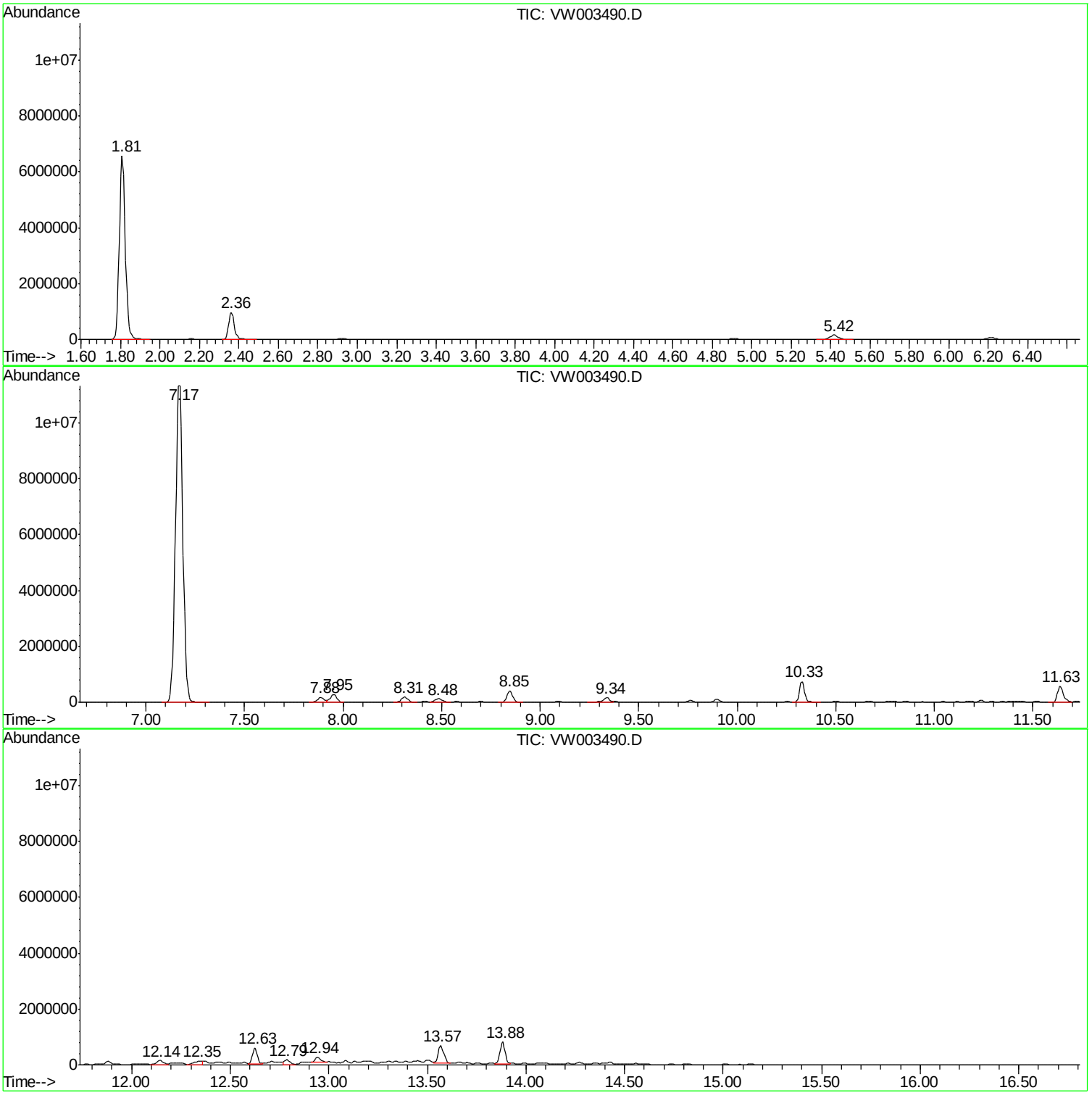
Data File : VW003490.D
Acq On : 24 Jun 2018 05:48
Operator : SY/AP
Sample : J3670-10
Misc : 6.60G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-17-19-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003490.D
Acq On : 24 Jun 2018 05:48
Operator : SY/AP
Sample : J3670-10
Misc : 6.60G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-17-19-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

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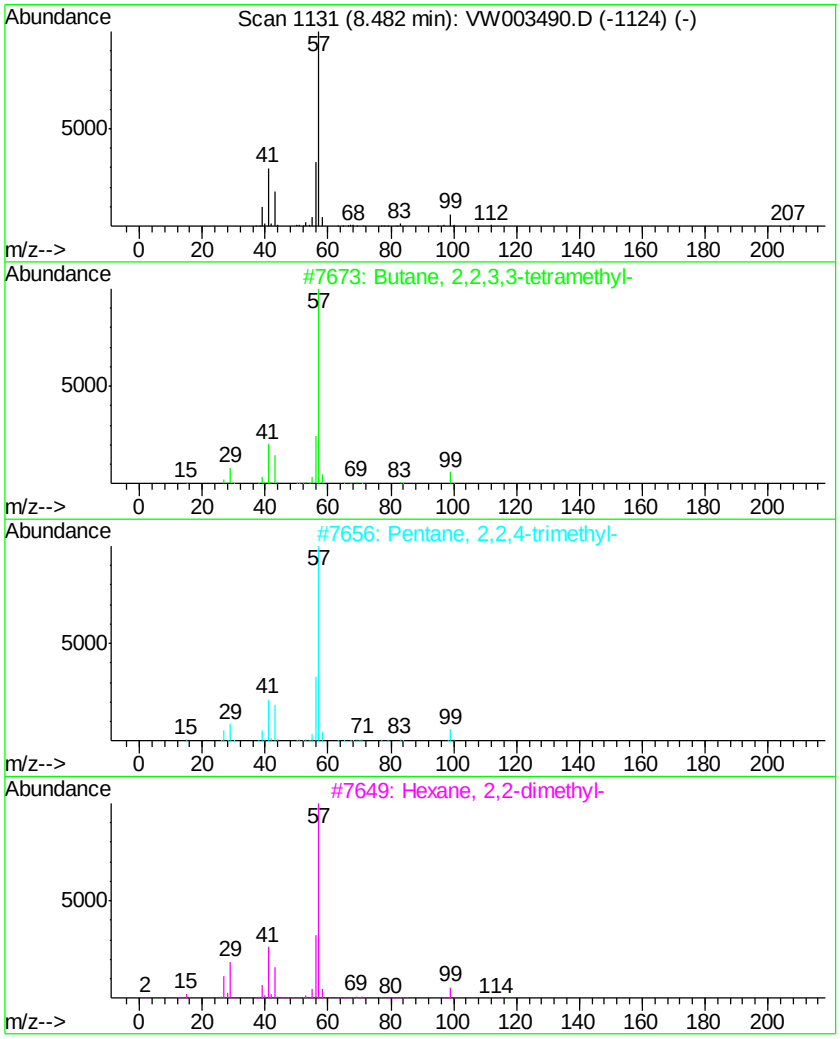
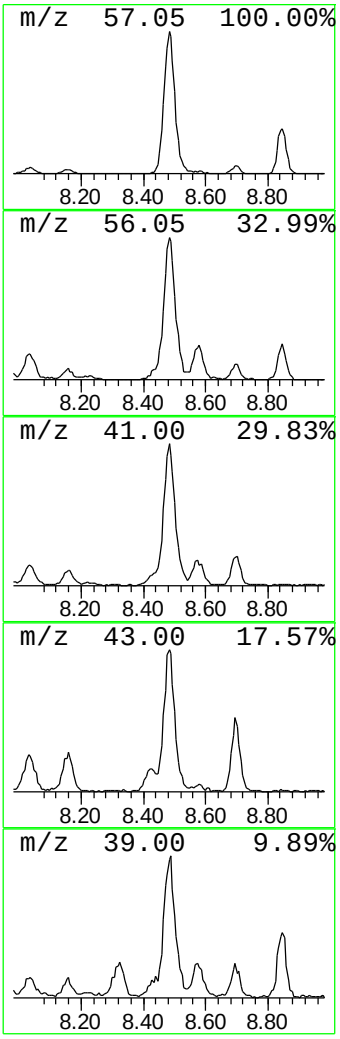
Peak Number 2 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	18.43 ug/l	298107	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003490.D
Acq On : 24 Jun 2018 05:48
Operator : SY/AP
Sample : J3670-10
Misc : 6.60G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-17-19-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

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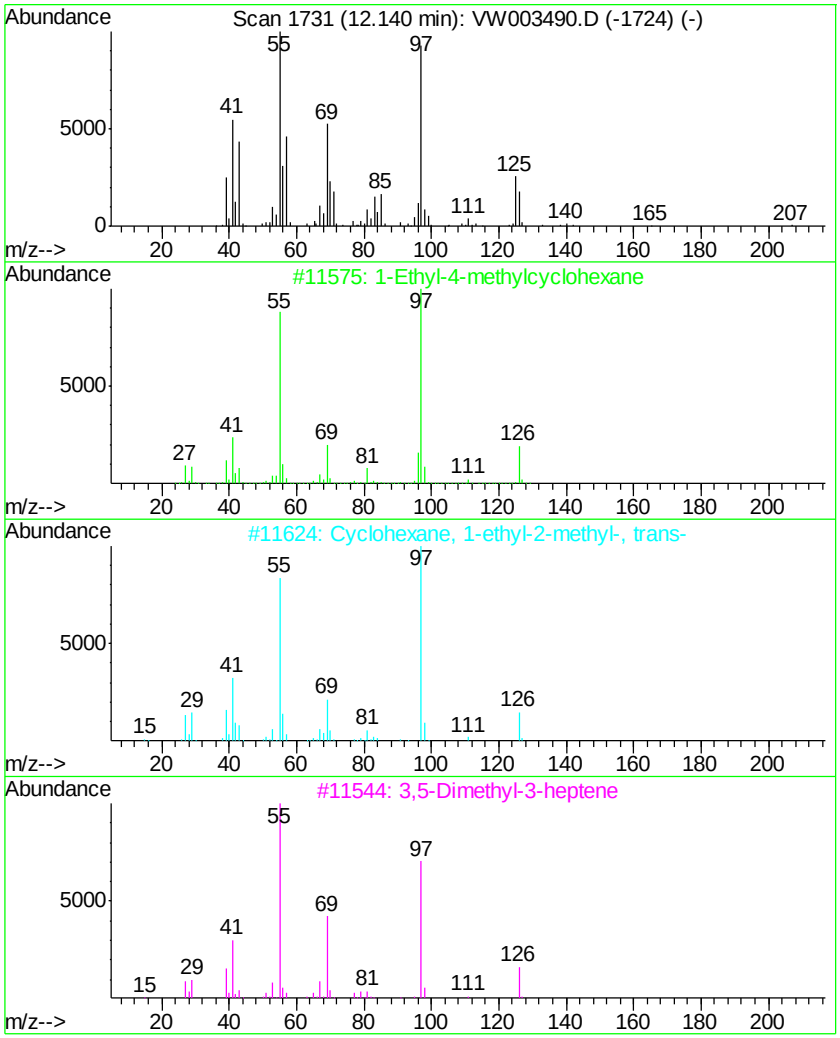
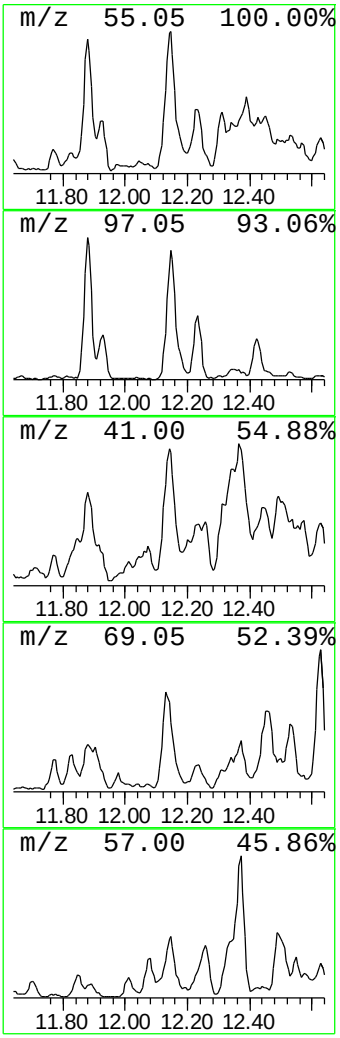
Peak Number 3 1-Ethyl-4-methylcyclohexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	14.66 ug/l	347409	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	49
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003490.D
Acq On : 24 Jun 2018 05:48
Operator : SY/AP
Sample : J3670-10
Misc : 6.60G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-17-19-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

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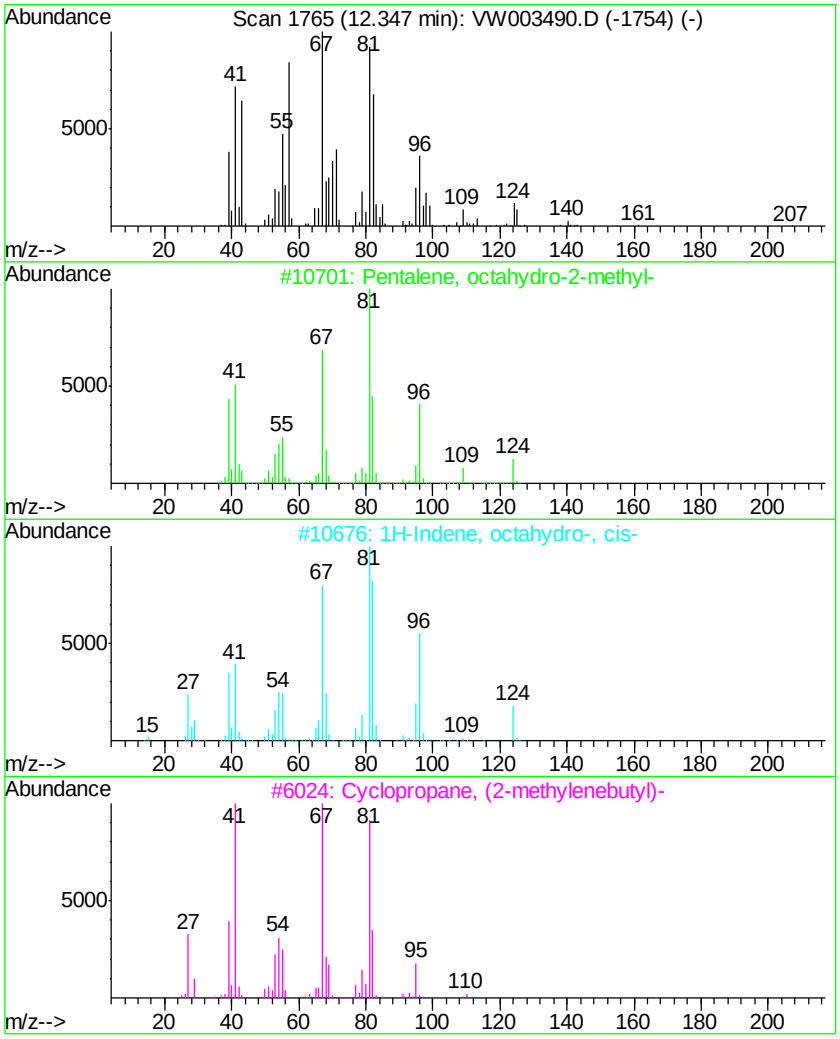
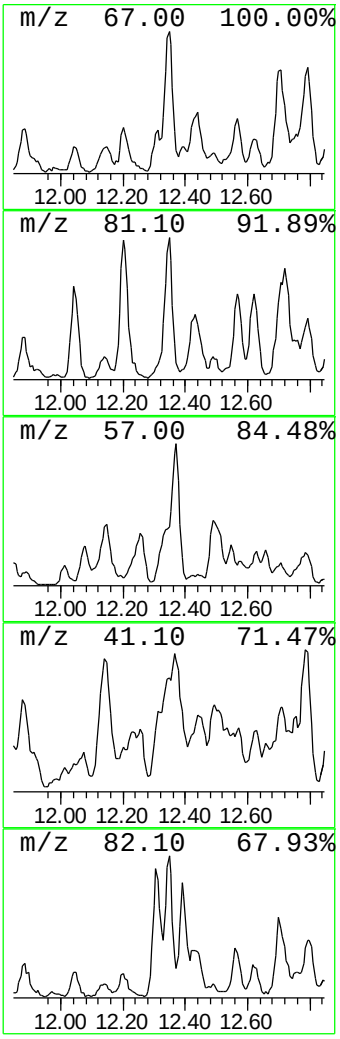
Peak Number 4 Pentalene, octahydro-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	16.18 ug/l	383456	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	60
2	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	60
3	Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	53
4	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	49
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003490.D
Acq On : 24 Jun 2018 05:48
Operator : SY/AP
Sample : J3670-10
Misc : 6.60G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-17-19-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

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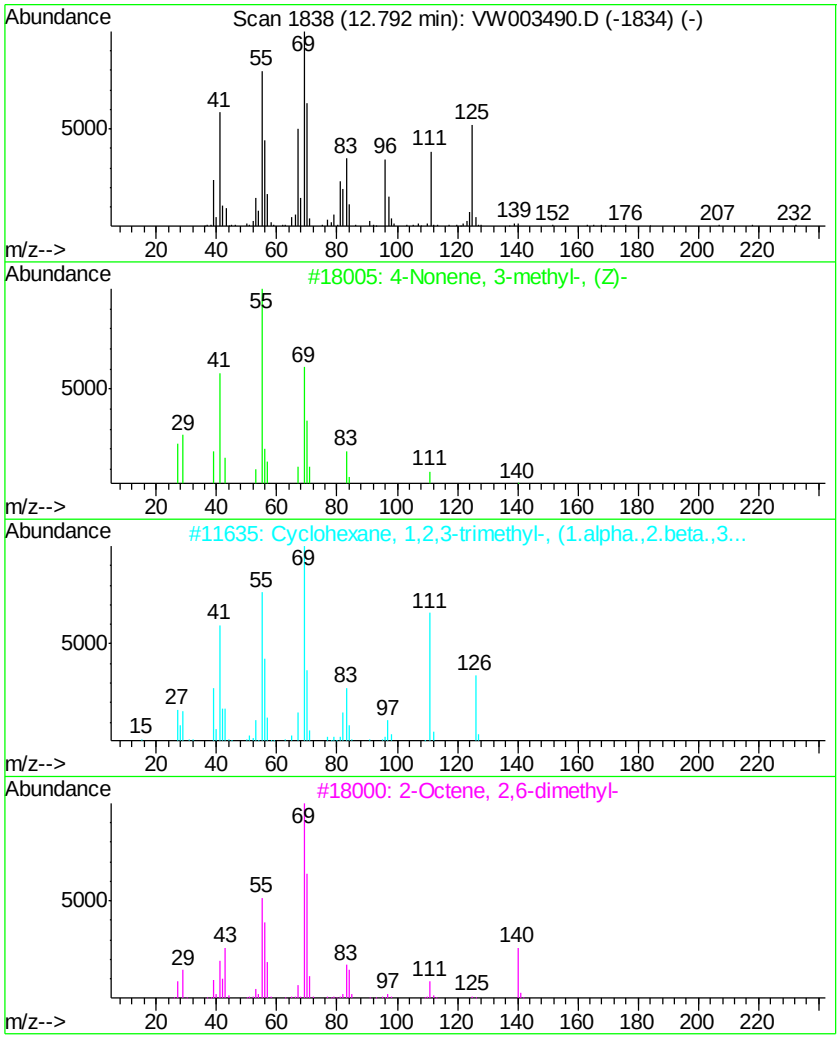
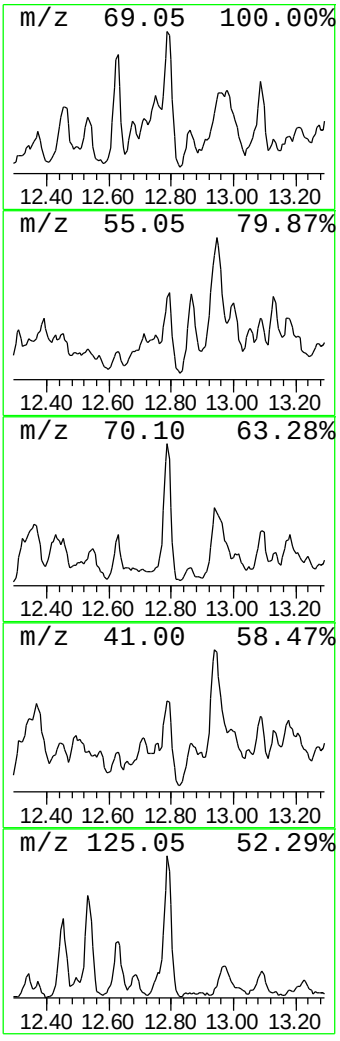
Peak Number 5 4-Nonene, 3-methyl-, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	11.73 ug/l	307602	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	50
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	47
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
4	5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	43
5	Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003490.D
Acq On : 24 Jun 2018 05:48
Operator : SY/AP
Sample : J3670-10
Misc : 6.60G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-17-19-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

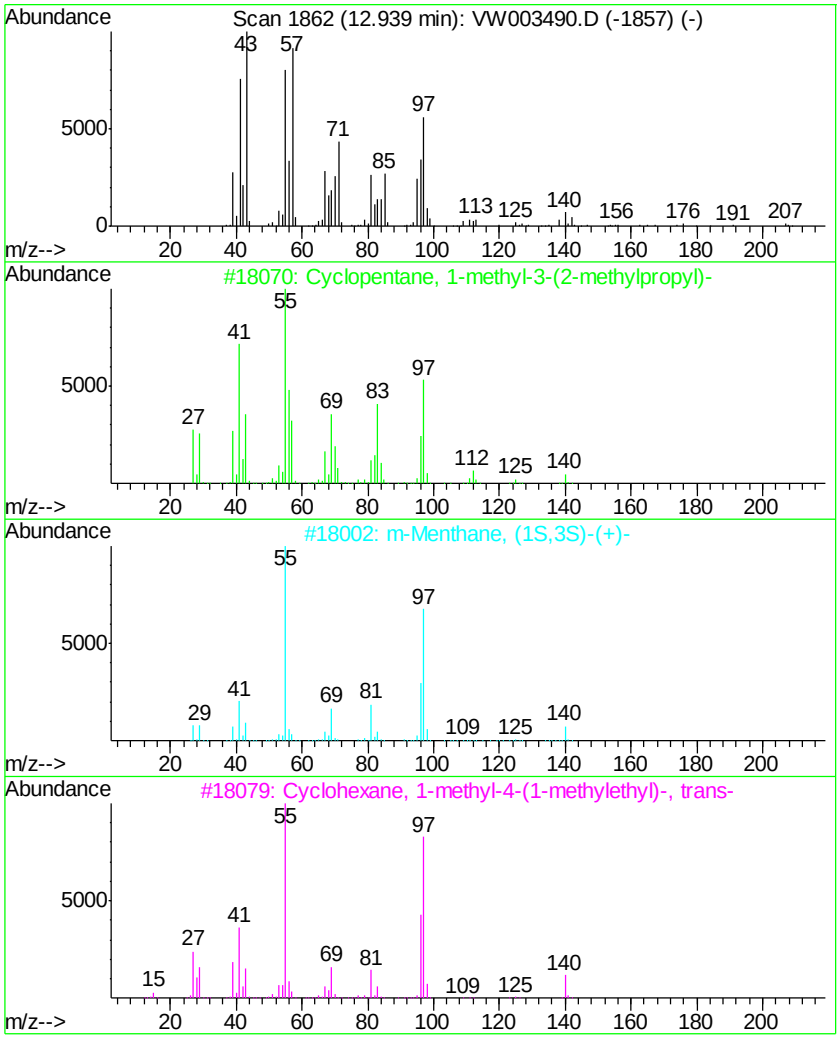
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

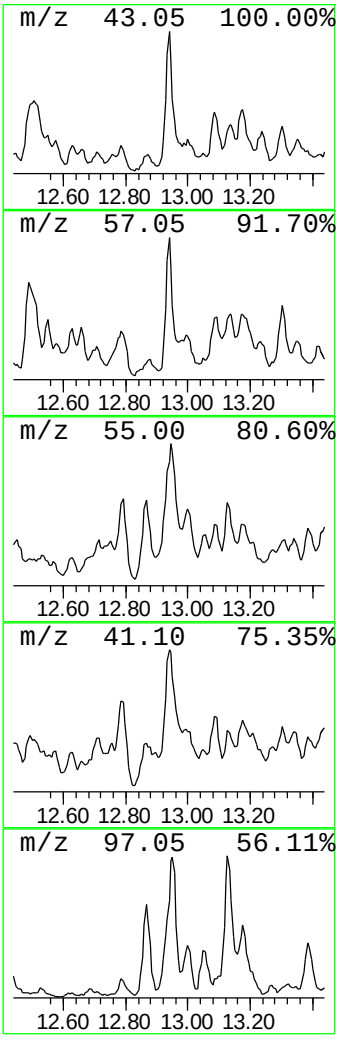
****

Peak Number 6 Cyclopentane, 1-methyl-3-(2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	15.30 ug/l	401129	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	52
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	46
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003490.D
Acq On : 24 Jun 2018 05:48
Operator : SY/AP
Sample : J3670-10
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ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.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, 2,2,3,3-t...	8.48	18.4	ug/l	298107	2	8.85	808913	50.0
1-Ethyl-4-methylc...	12.14	14.7	ug/l	347409	3	11.63	1184750	50.0
Pentalene, octahy...	12.35	16.2	ug/l	383456	3	11.63	1184750	50.0
4-Nonene, 3-methy...	12.79	11.7	ug/l	307602	4	13.57	1310880	50.0
Cyclopentane, 1-m...	12.94	15.3	ug/l	401129	4	13.57	1310880	50.0