LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005118.D
Acq On : 05 Sep 2018 09:22
Operator : SY/AP
Sample : J4712-10
Misc : 5.74G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-02

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\82W090118S.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	1.800	24	35	57	rBV	9322626	16990124	100.00%	51.103%
2	4.141	408	419	437	rBV	91105	263088	1.55%	0.791%
3	4.928	533	548	555	rBV2	92639	313787	1.85%	0.944%
4	5.019	555	563	578	rVB2	87496	307017	1.81%	0.923%
5	7.891	1024	1034	1039	rBV	237878	566724	3.34%	1.705%
6	7.958	1039	1045	1069	rVB	650425	1445635	8.51%	4.348%
7	8.311	1094	1103	1116	rBV	241534	535044	3.15%	1.609%
8	8.848	1182	1191	1214	rBV	956067	1919955	11.30%	5.775%
9	10.329	1425	1434	1441	rBV	956902	1703218	10.02%	5.123%
10	10.750	1492	1503	1514	rVB3	48383	212013	1.25%	0.638%
11	11.634	1641	1648	1658	rBV	1256287	2141081	12.60%	6.440%
12	12.146	1724	1732	1738	rBV4	77966	181323	1.07%	0.545%
13	12.262	1743	1751	1755	rVB	134343	221724	1.31%	0.667%
14	12.366	1755	1768	1774	rBV5	96142	313039	1.84%	0.942%
15	12.622	1804	1810	1816	rBV	678991	1123944	6.62%	3.381%
16	12.786	1833	1837	1844	rVB3	157717	285719	1.68%	0.859%
17	12.865	1844	1850	1855	rBV4	75392	176673	1.04%	0.531%
18	12.951	1855	1864	1868	rVV5	214403	575528	3.39%	1.731%
19	13.000	1868	1872	1877	rVB2	132532	223017	1.31%	0.671%
20	13.170	1896	1900	1907	rVB	402460	629749	3.71%	1.894%
21	13.457	1939	1947	1950	rBV3	198593	406629	2.39%	1.223%
22	13.493	1950	1953	1958	rVV3	130573	194101	1.14%	0.584%
23	13.567	1959	1965	1974	rVB	971732	1619533	9.53%	4.871%
24	13.707	1983	1988	1999	rVB6	74835	203800	1.20%	0.613%
25	13.890	2012	2018	2022	rBV2	274649	495331	2.92%	1.490%
26	14.396	2096	2101	2105	rBV2	130645	198775	1.17%	0.598%

Sum of corrected areas: 33246571

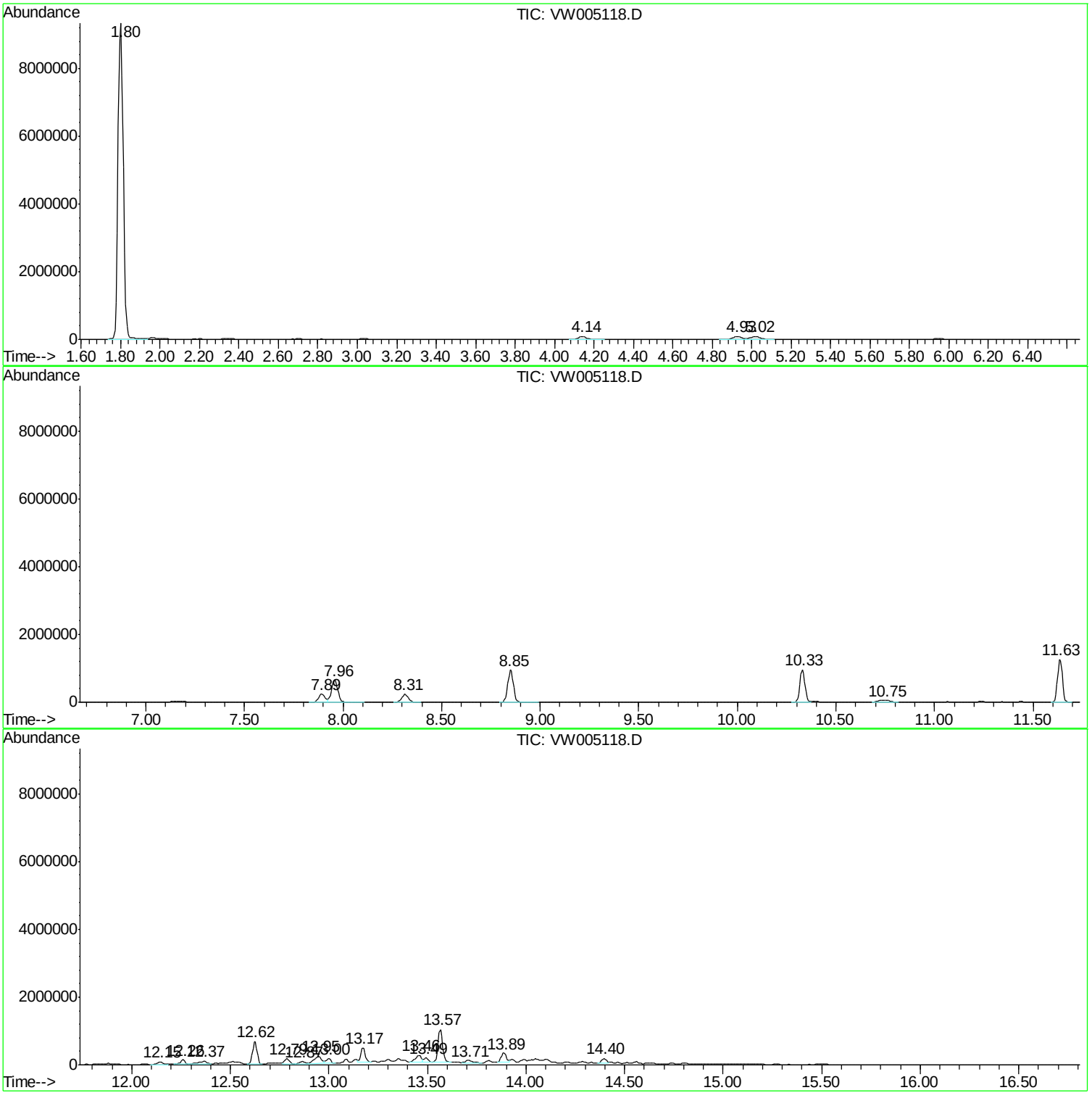
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005118.D
Acq On : 05 Sep 2018 09:22
Operator : SY/AP
Sample : J4712-10
Misc : 5.74G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.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 W\DATA\VW090418\
Data File : VW005118.D
Acq On : 05 Sep 2018 09:22
Operator : SY/AP
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Misc : 5.74G/5ML/MSVOA W/SOIL
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Instrument : MSVOA_W
ClientSampleId : SB-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

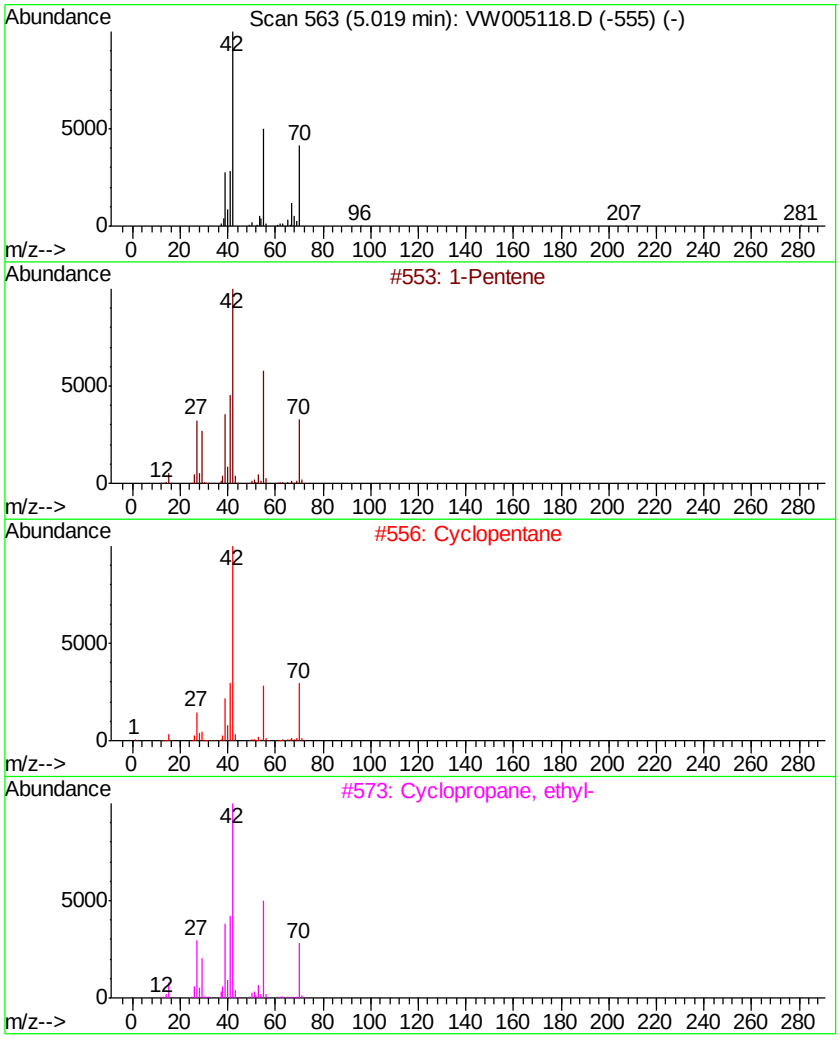
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

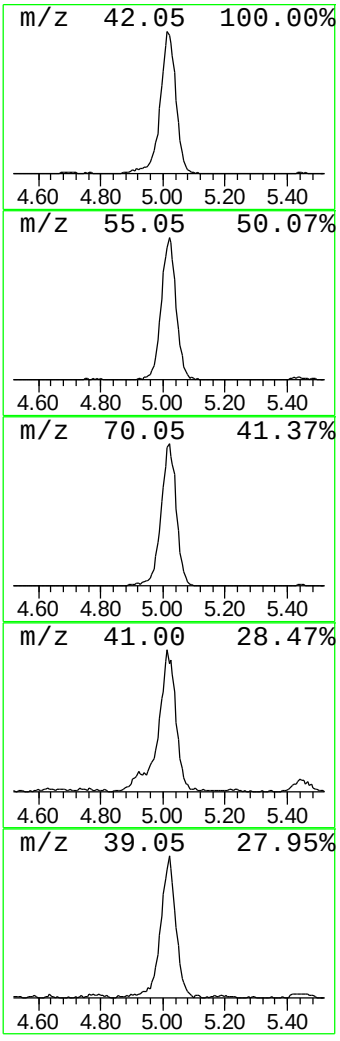
****

Peak Number 2 1-Pentene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	10.62 ug/l	307017	Pentafluorobenzene	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	72
2	Cyclopentane	70	C5H10	000287-92-3	64
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	56
4	2-Pentene	70	C5H10	000109-68-2	38
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005118.D
Acq On : 05 Sep 2018 09:22
Operator : SY/AP
Sample : J4712-10
Misc : 5.74G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

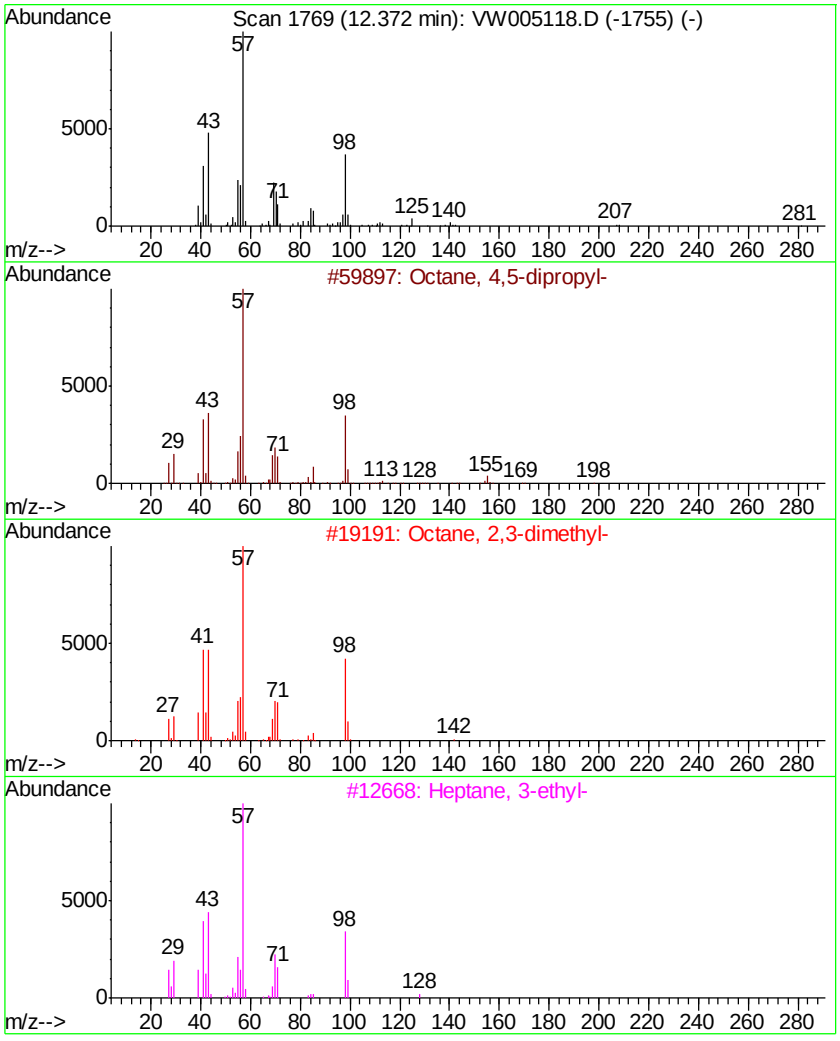
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

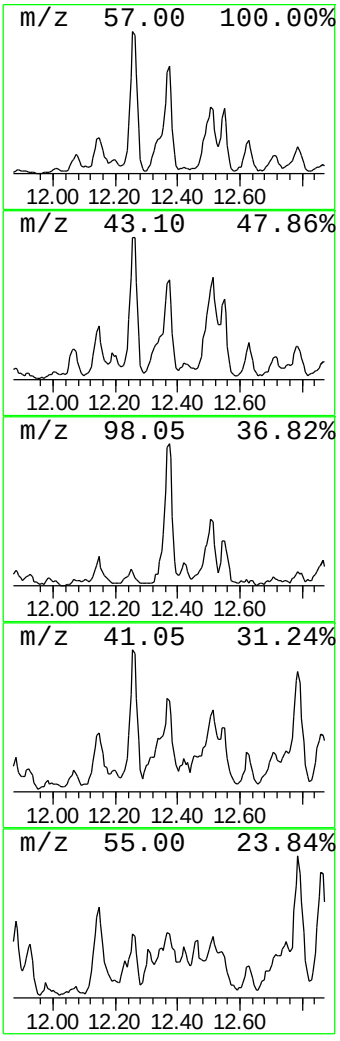
****

Peak Number 3 Octane, 4,5-dipropyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.31 ug/l	313039	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	78
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005118.D
Acq On : 05 Sep 2018 09:22
Operator : SY/AP
Sample : J4712-10
Misc : 5.74G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

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

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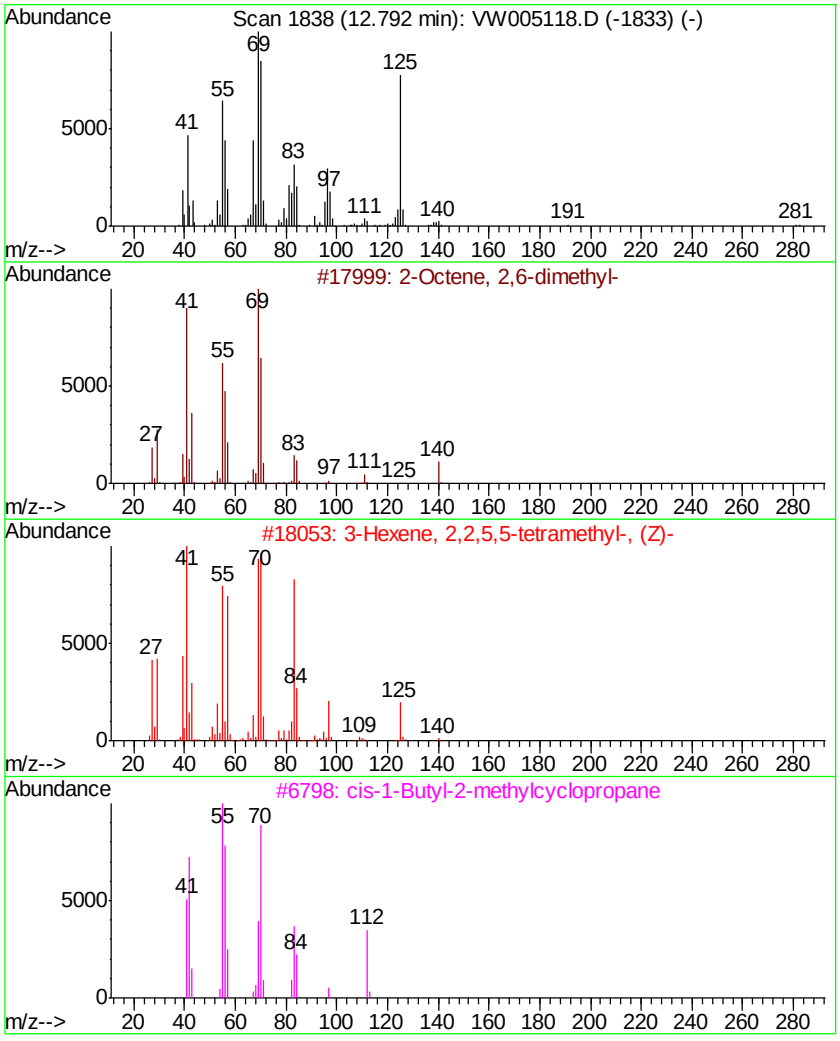
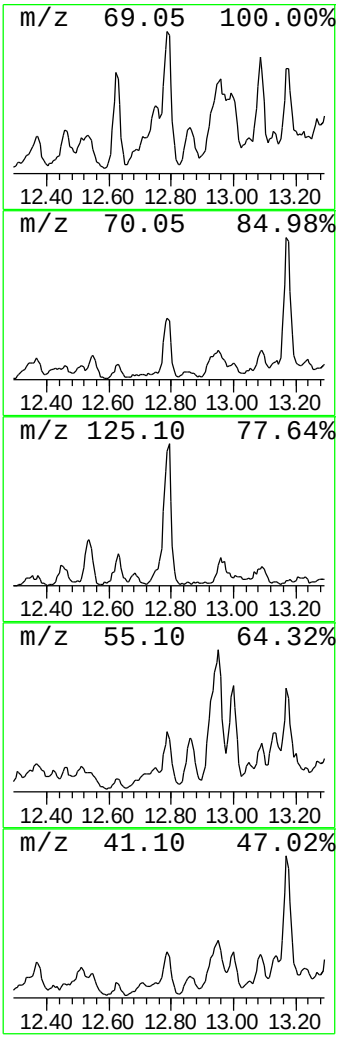
Peak Number 4 unknown12.79 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	8.82 ug/l	285719	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
2	3-Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	46
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	45
4	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	45
5	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005118.D
Acq On : 05 Sep 2018 09:22
Operator : SY/AP
Sample : J4712-10
Misc : 5.74G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

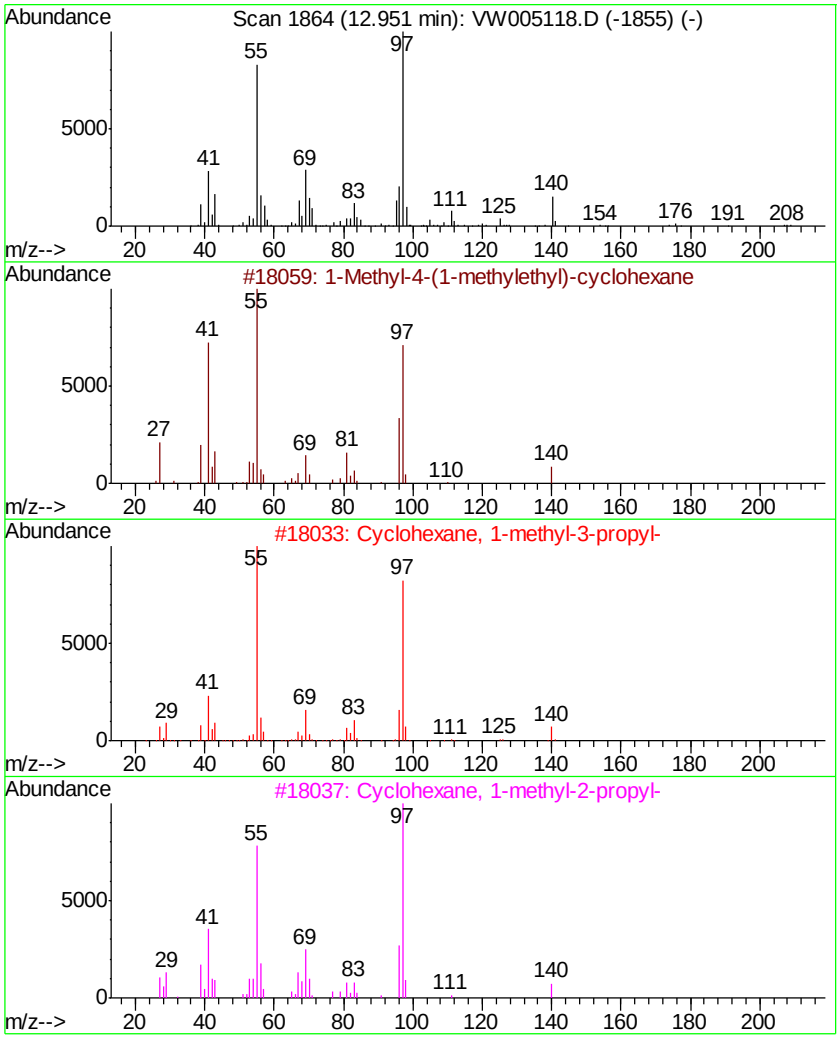
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

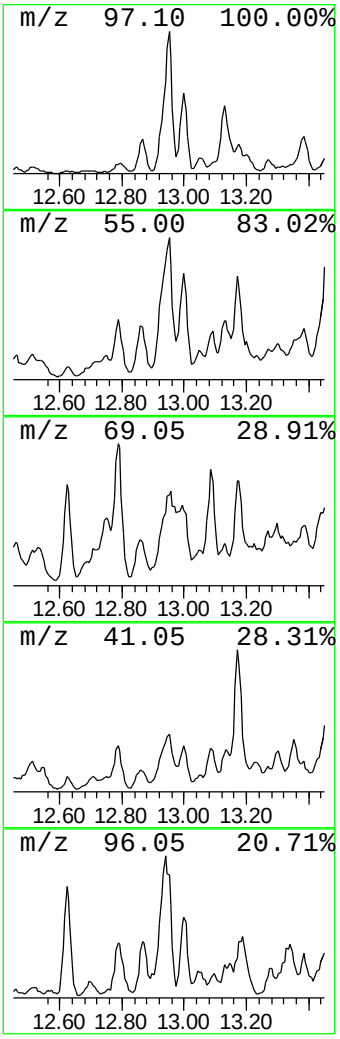
****

Peak Number 5 1-Methyl-4-(1-methylethyl)-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	17.77 ug/l	575528	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	64
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005118.D
Acq On : 05 Sep 2018 09:22
Operator : SY/AP
Sample : J4712-10
Misc : 5.74G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

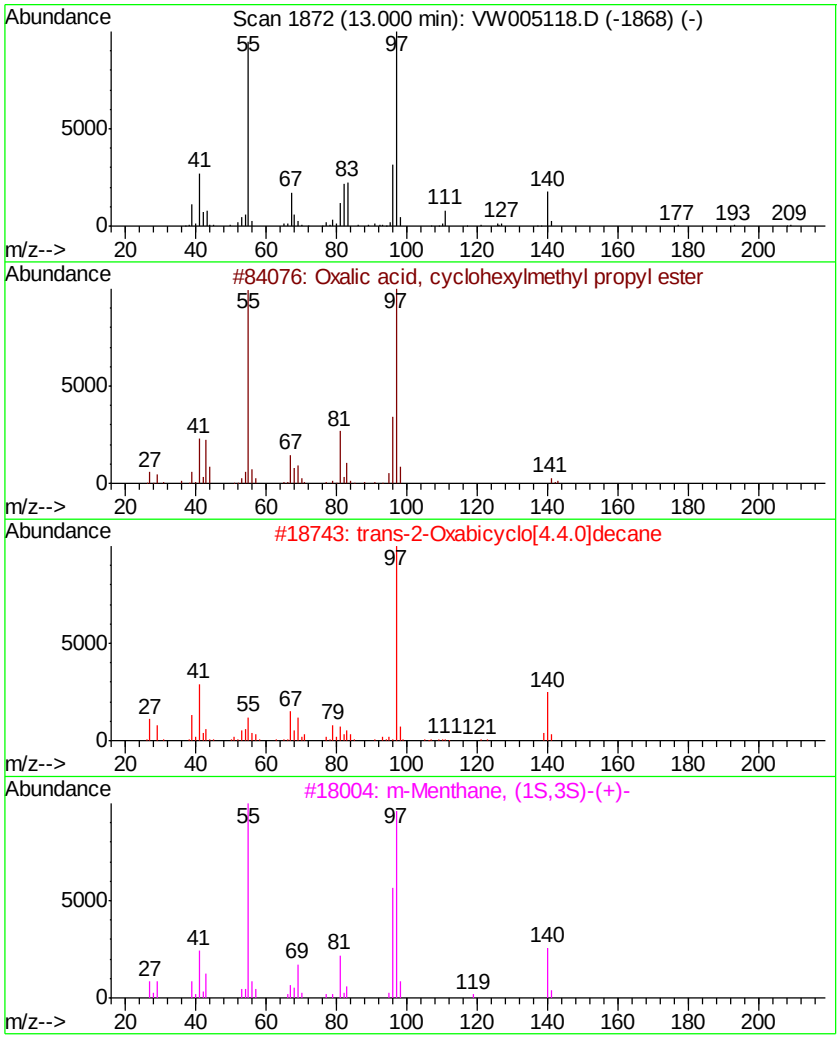
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

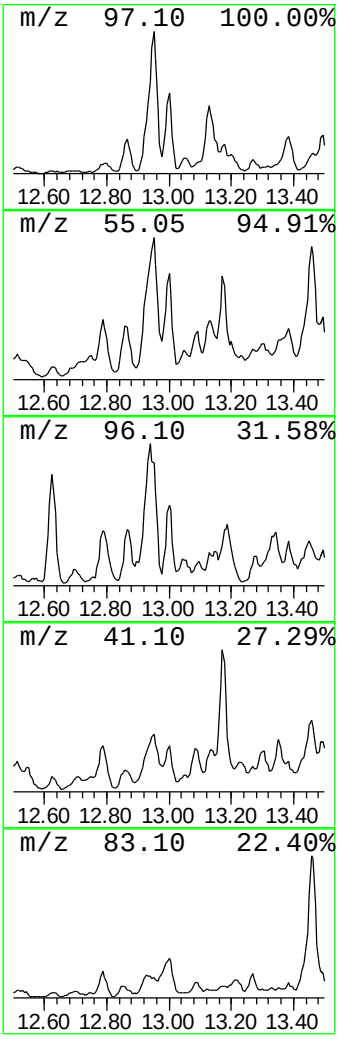
****

Peak Number 6 Oxalic acid, cyclohexylmeth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	6.89 ug/l	223017	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	50
2	trans-2-Oxabicyclo[4.4.0]decane	140	C9H16O	059958-46-2	43
3	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	43
4	Semustine	247	C10H18ClN3O2	013909-09-6	43
5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005118.D
Acq On : 05 Sep 2018 09:22
Operator : SY/AP
Sample : J4712-10
Misc : 5.74G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

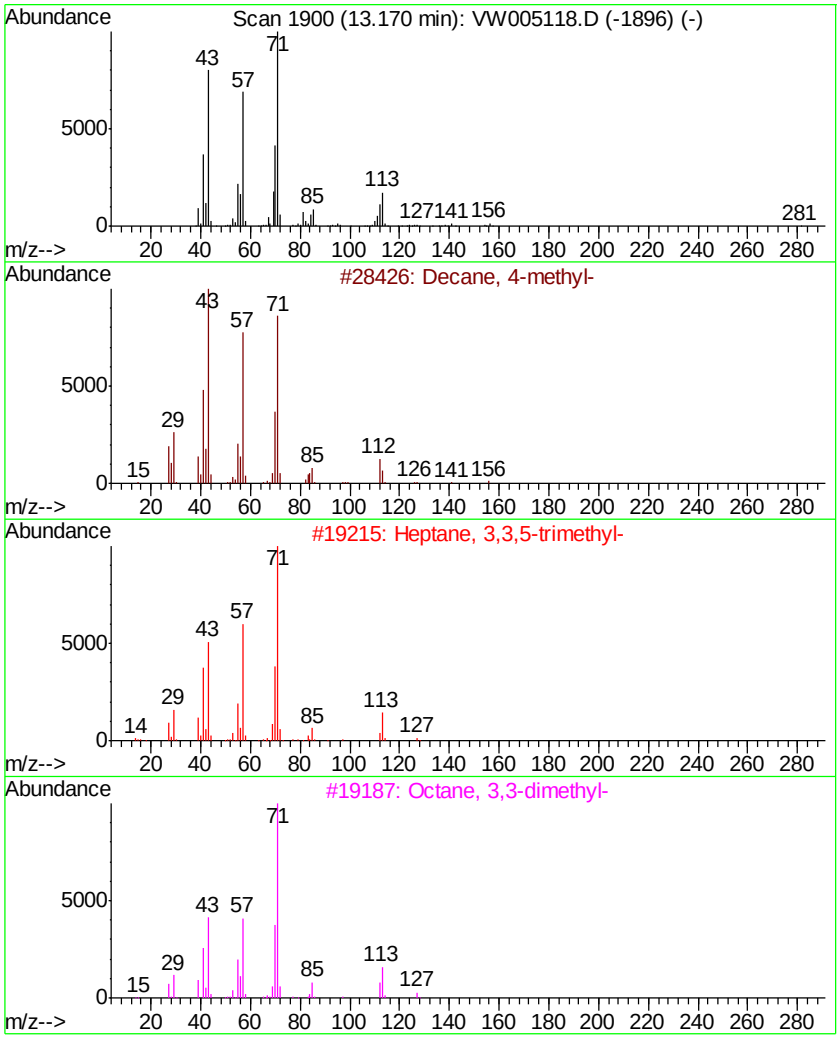
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

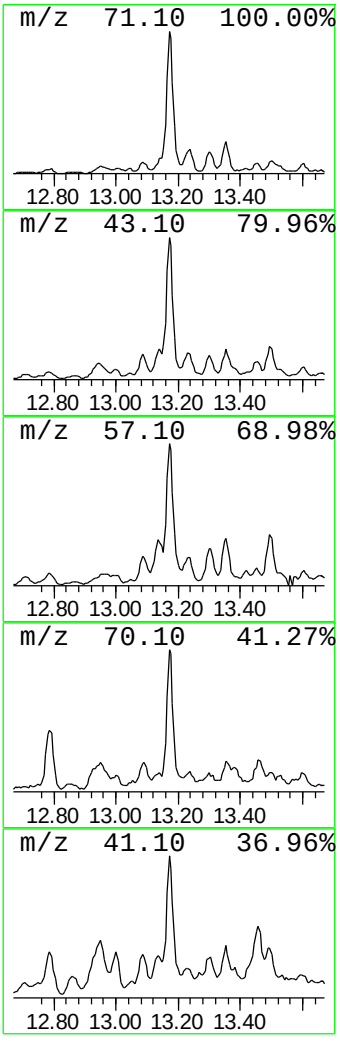
****

Peak Number 7 Decane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	19.44 ug/l	629749	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
4	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	72
5	n-Amyl ether	158	C10H22O	000693-65-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090418\
Data File : VW005118.D
Acq On : 05 Sep 2018 09:22
Operator : SY/AP
Sample : J4712-10
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ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

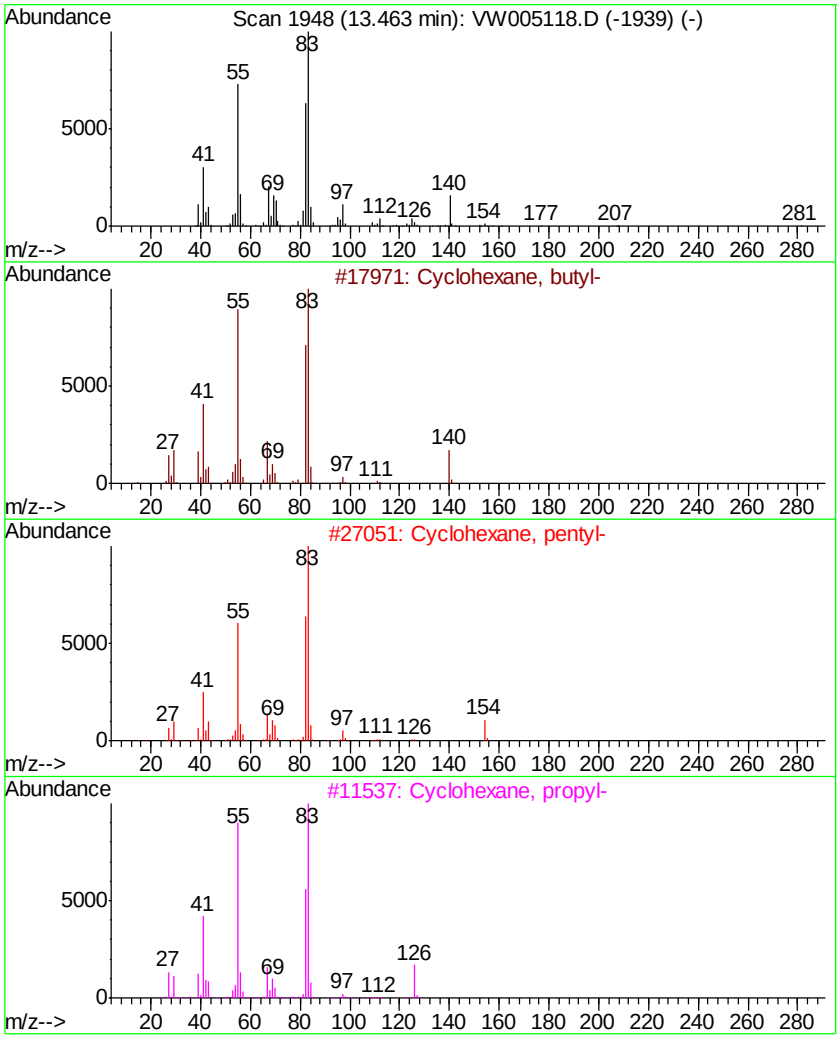
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

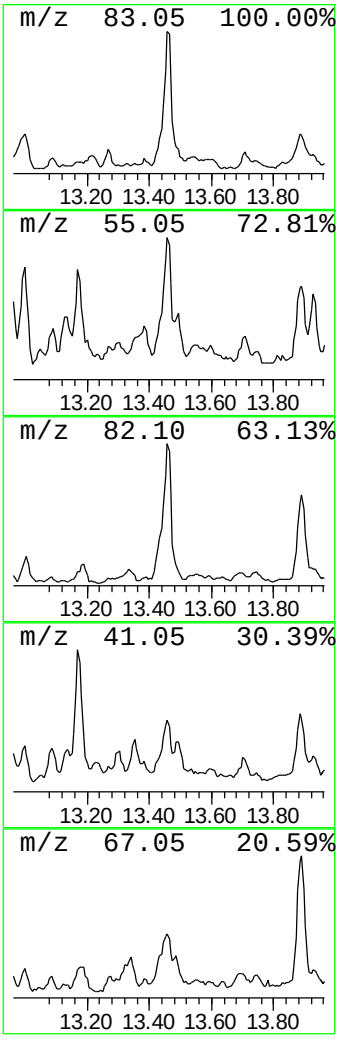
****

Peak Number 8 Cyclohexane, butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	12.55 ug/l	406629	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59





Library Search Compound Report

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ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
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Quant Title : SW846 8260

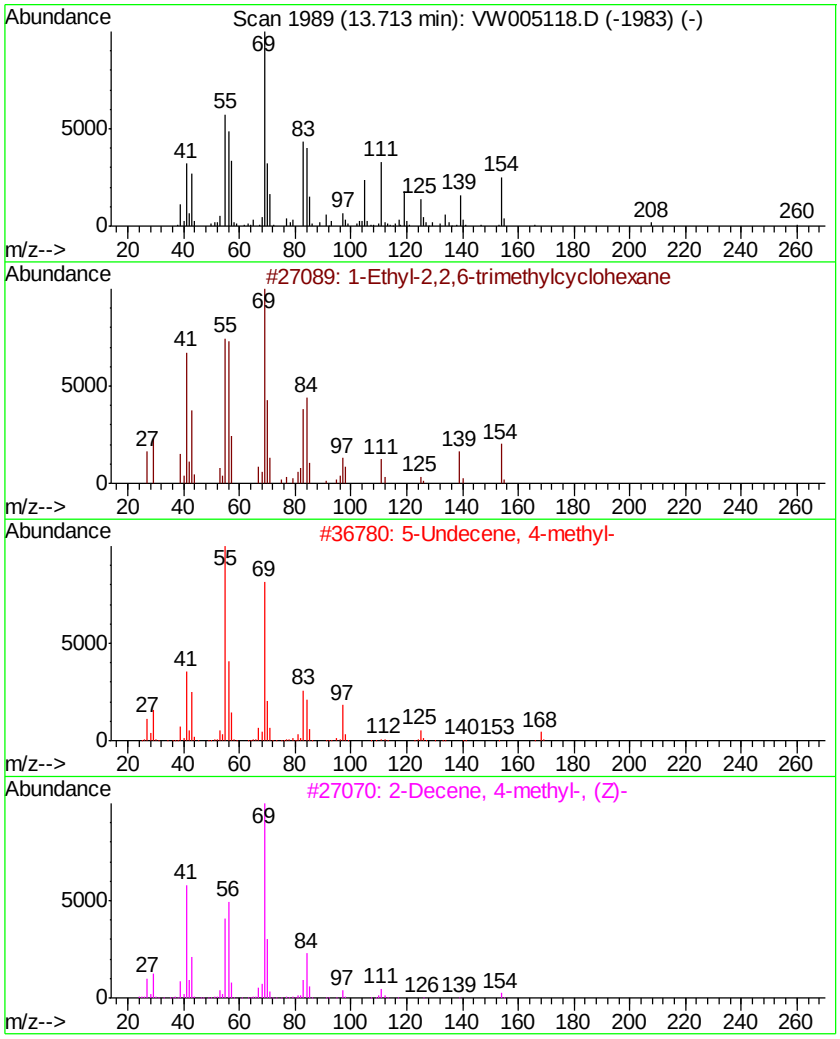
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

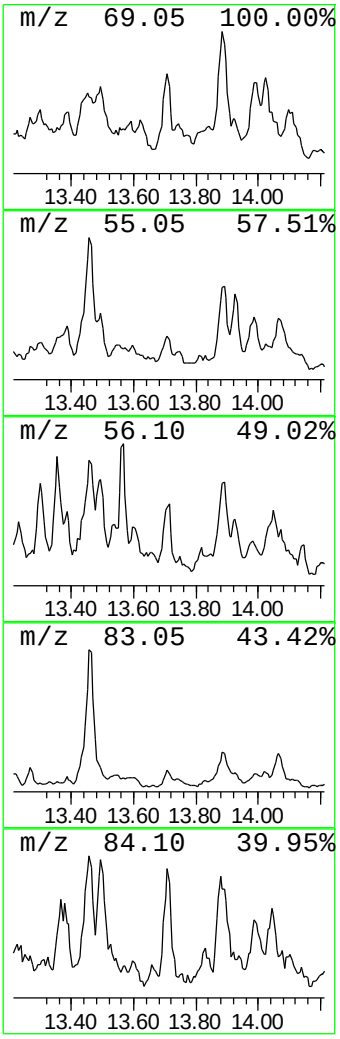
****

Peak Number 9 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	6.29 ug/l	203800	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	87
2	5-Undecene, 4-methyl-	168	C12H24	143185-91-5	59
3	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	53
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
5	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	47





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260

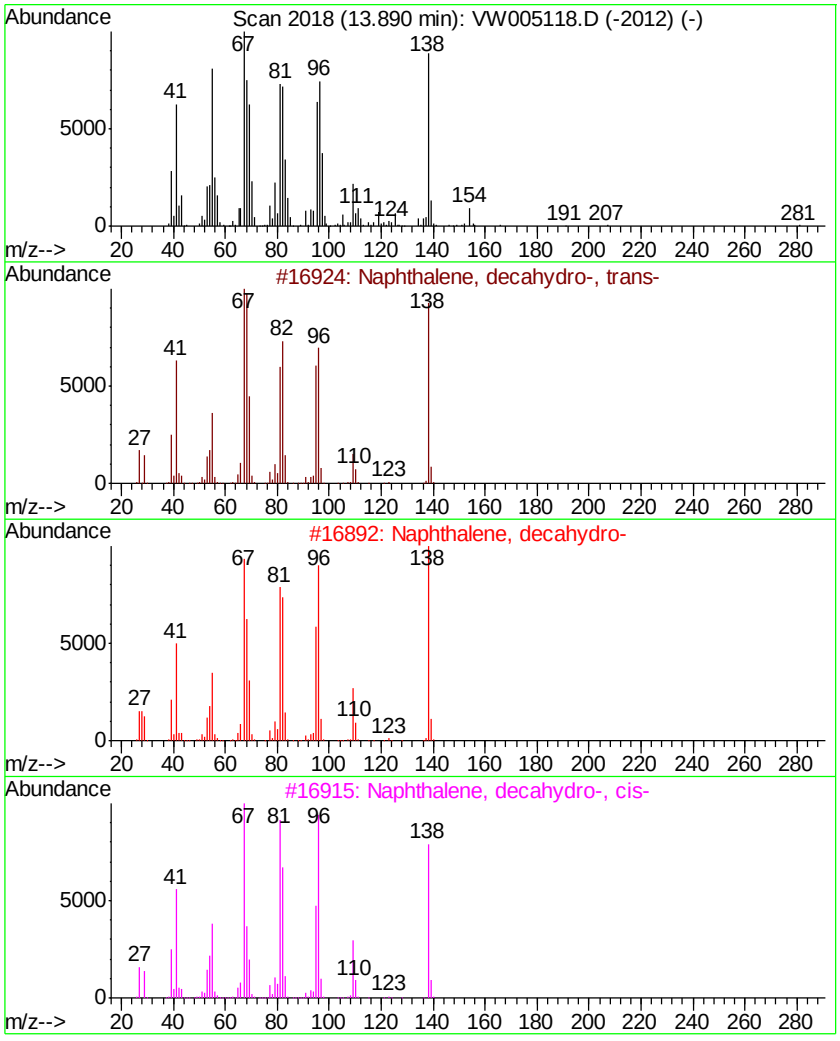
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

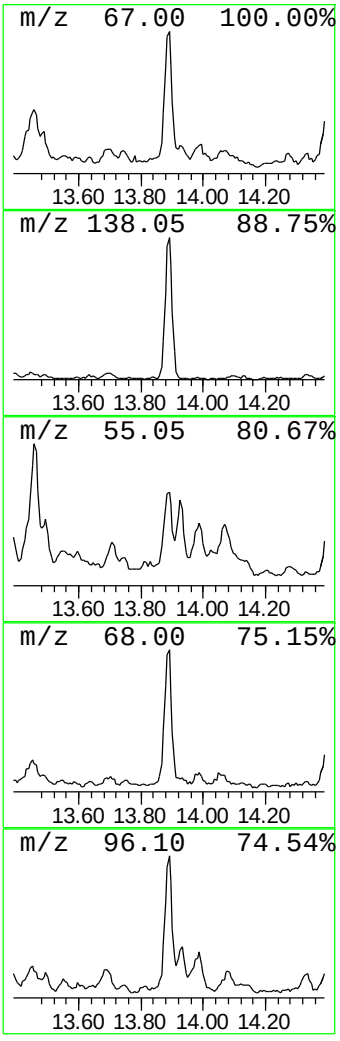
****

Peak Number 10 Naphthalene, decahydro-, tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	15.29 ug/l	495331	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
4	Spiro[4.5]decane	138	C10H18	000176-63-6	72
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090418\
Data File : VW005118.D
Acq On : 05 Sep 2018 09:22
Operator : SY/AP
Sample : J4712-10
Misc : 5.74G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.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
1-Pentene	5.02	10.6	ug/l	307017	1	7.96	1445640	50.0
Octane, 4,5-dipro...	12.37	7.3	ug/l	313039	3	11.63	2141080	50.0
unknown12.79	12.79	8.8	ug/l	285719	4	13.57	1619530	50.0
1-Methyl-4-(1-met...	12.95	17.8	ug/l	575528	4	13.57	1619530	50.0
Oxalic acid, cycl...	13.00	6.9	ug/l	223017	4	13.57	1619530	50.0
Decane, 4-methyl-	13.17	19.4	ug/l	629749	4	13.57	1619530	50.0
Cyclohexane, butyl-	13.46	12.6	ug/l	406629	4	13.57	1619530	50.0
1-Ethyl-2,2,6-tri...	13.71	6.3	ug/l	203800	4	13.57	1619530	50.0
Naphthalene, deca...	13.89	15.3	ug/l	495331	4	13.57	1619530	50.0