LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
Data File : VW005456.D
Acq On : 18 Sep 2018 03:19
Operator : SY/AP
Sample : J4949-01
Misc : 4.48G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 153

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\82W091618S.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	1.959	5	9	26	rVB	40074	73797	6.85%	1.368%
2	4.147	360	368	379	rBV	14327	47493	4.41%	0.880%
3	4.684	447	456	469	rBV	10619	33642	3.12%	0.624%
4	4.922	485	495	507	rBV2	13187	44193	4.10%	0.819%
5	7.891	971	982	987	rBV	100651	233009	21.64%	4.319%
6	7.958	987	993	1005	rVB	200145	451578	41.94%	8.371%
7	8.311	1043	1051	1064	rVB	109826	246313	22.88%	4.566%
8	8.848	1130	1139	1153	rBV	289368	594850	55.25%	11.027%
9	10.329	1374	1382	1389	rBV	164566	296253	27.52%	5.492%
10	10.713	1440	1445	1450	rBV2	9814	24216	2.25%	0.449%
11	11.634	1590	1596	1603	rBV	150894	269289	25.01%	4.992%
12	12.621	1753	1758	1766	rBV2	135643	253107	23.51%	4.692%
13	13.566	1908	1913	1919	rBV	135624	221388	20.56%	4.104%
14	13.883	1962	1965	1970	rVB3	40437	56699	5.27%	1.051%
15	14.389	2045	2048	2053	rBV2	55927	83071	7.72%	1.540%
16	14.560	2073	2076	2080	rBV4	51901	68156	6.33%	1.263%
17	14.865	2122	2126	2133	rVB4	147317	251835	23.39%	4.668%
18	14.981	2141	2145	2148	rBV2	178396	292477	27.17%	5.422%
19	15.066	2155	2159	2164	rBV5	141619	256397	23.82%	4.753%
20	15.401	2211	2214	2216	rBV3	133842	184603	17.15%	3.422%
21	15.584	2241	2244	2249	rVB4	209578	335447	31.16%	6.218%
22	15.749	2266	2271	2280	rBV6	371105	1076618	100.00%	19.958%

Sum of corrected areas: 5394431

LSC Report - Integrated Chromatogram

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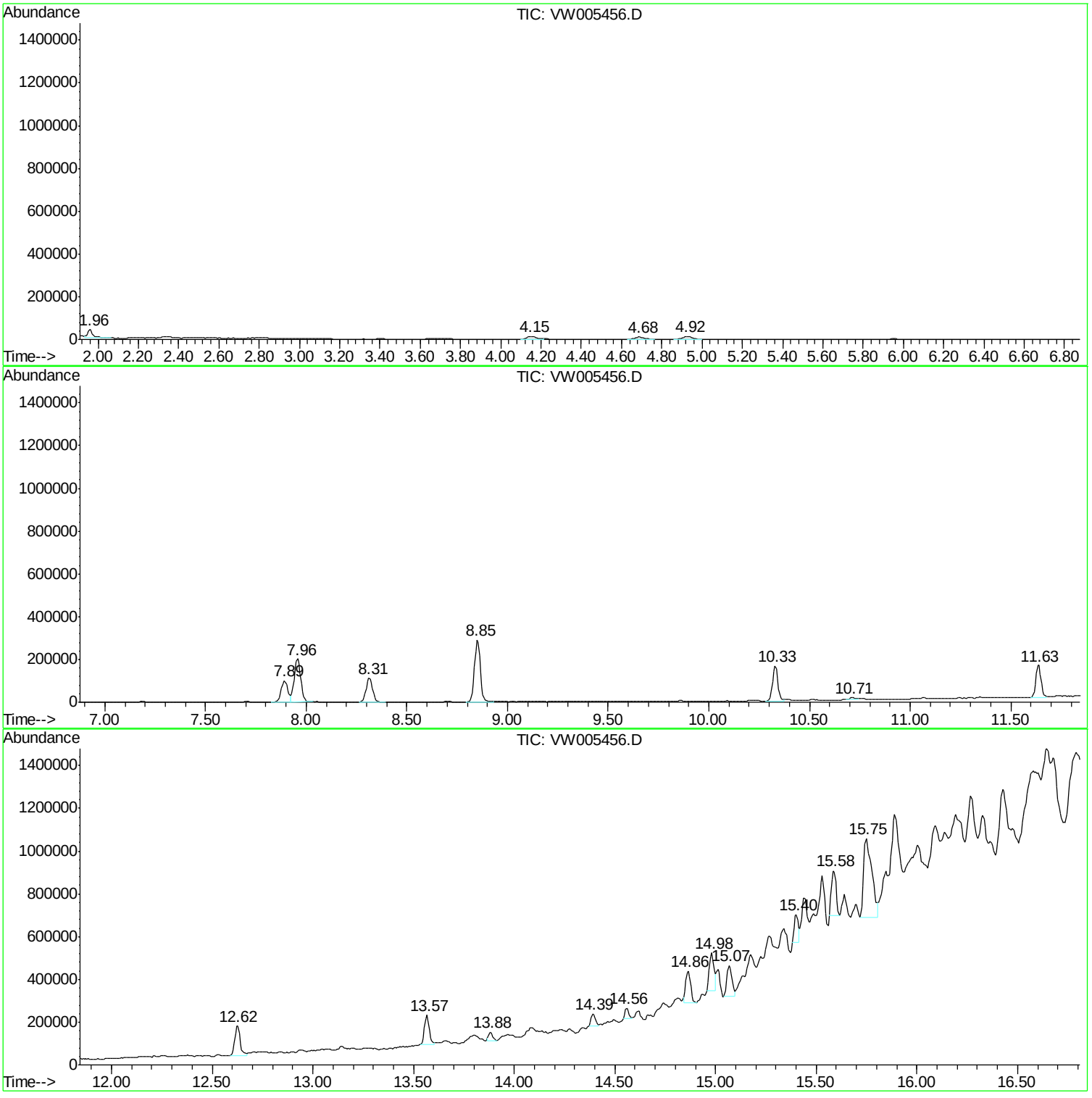
Sample : J4949-01
Misc : 4.48G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 153

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Data File : VW005456.D
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Operator : SY/AP
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Quant Title : SW846 8260

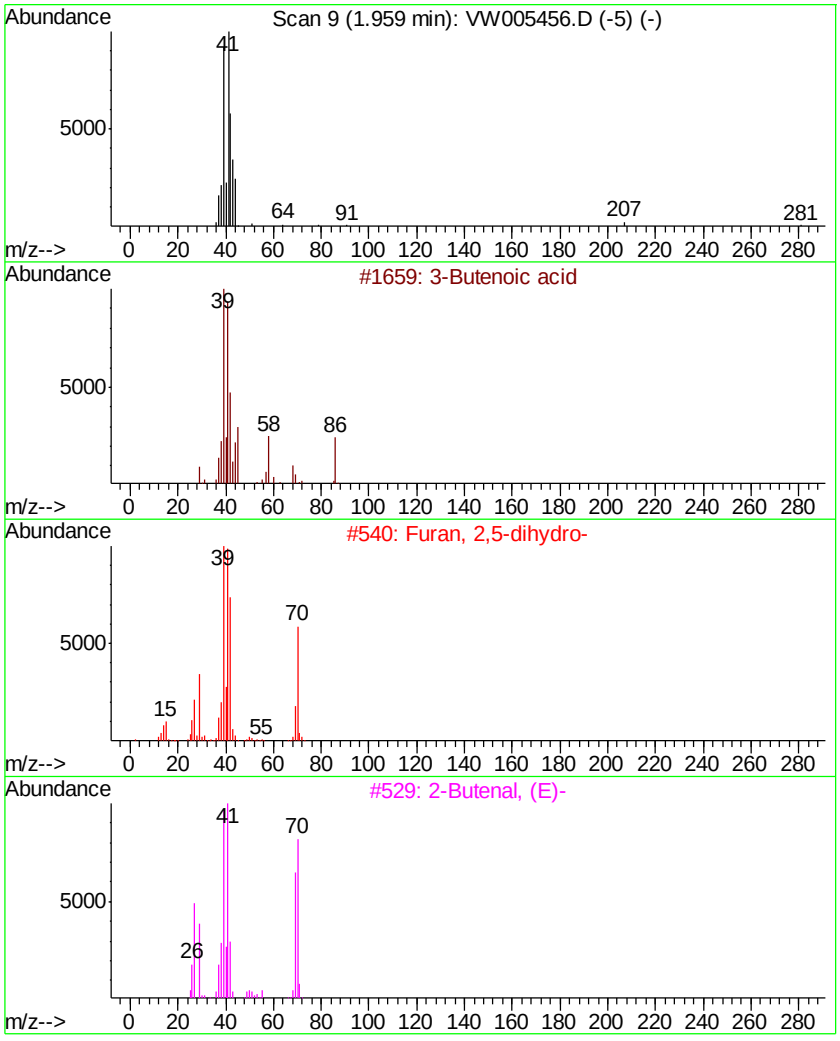
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

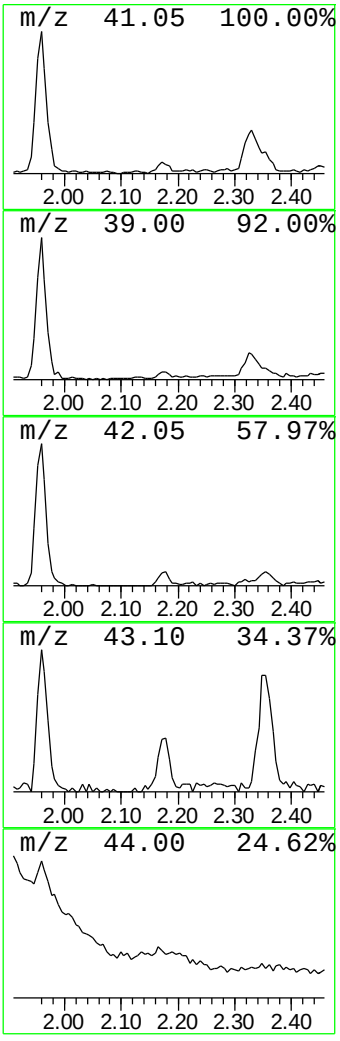
****

Peak Number 1 3-Butenoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	8.17 ug/l	73797	Pentafluorobenzene	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butenoic acid	86	C4H6O2	000625-38-7	83
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	83
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	Aluminum, tripropyl-	156	C9H21Al	000102-67-0	64
5	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64





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Data File : VW005456.D
Acq On : 18 Sep 2018 03:19
Operator : SY/AP
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Misc : 4.48G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

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ClientSampleId : 153

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Quant Title : SW846 8260

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

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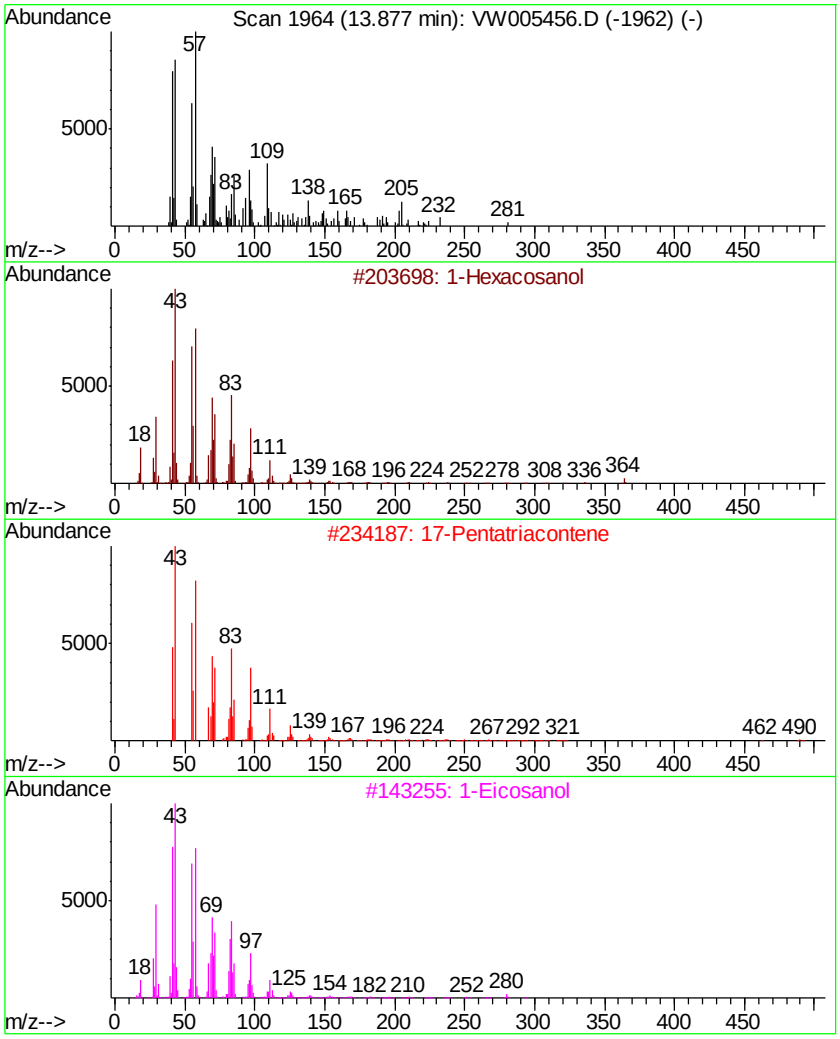
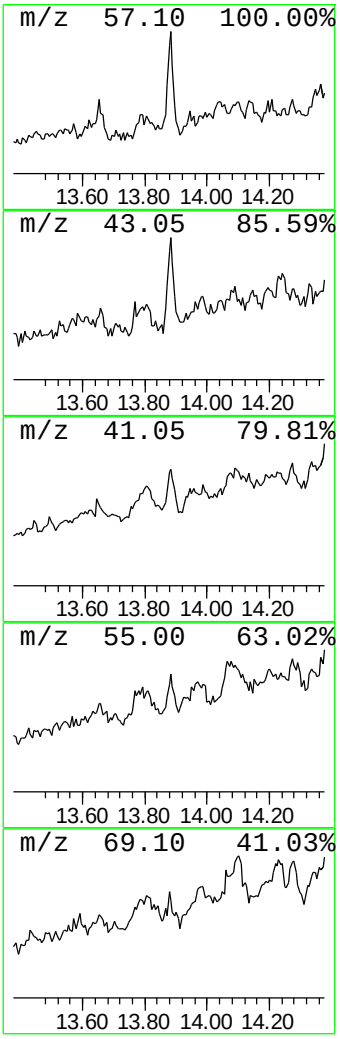
Peak Number 2 unknown13.88 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	12.81 ug/l	56699	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	46
2	17-Pentatriacontene	491	C35H70	006971-40-0	43
3	1-Eicosanol	298	C20H42O	000629-96-9	43
4	3-Decen-2-one	154	C10H18O	010519-33-2	42
5	Decane	142	C10H22	000124-18-5	38





Library Search Compound Report

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Operator : SY/AP
Sample : J4949-01
Misc : 4.48G/5ML/MSVOA_W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 153

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260

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

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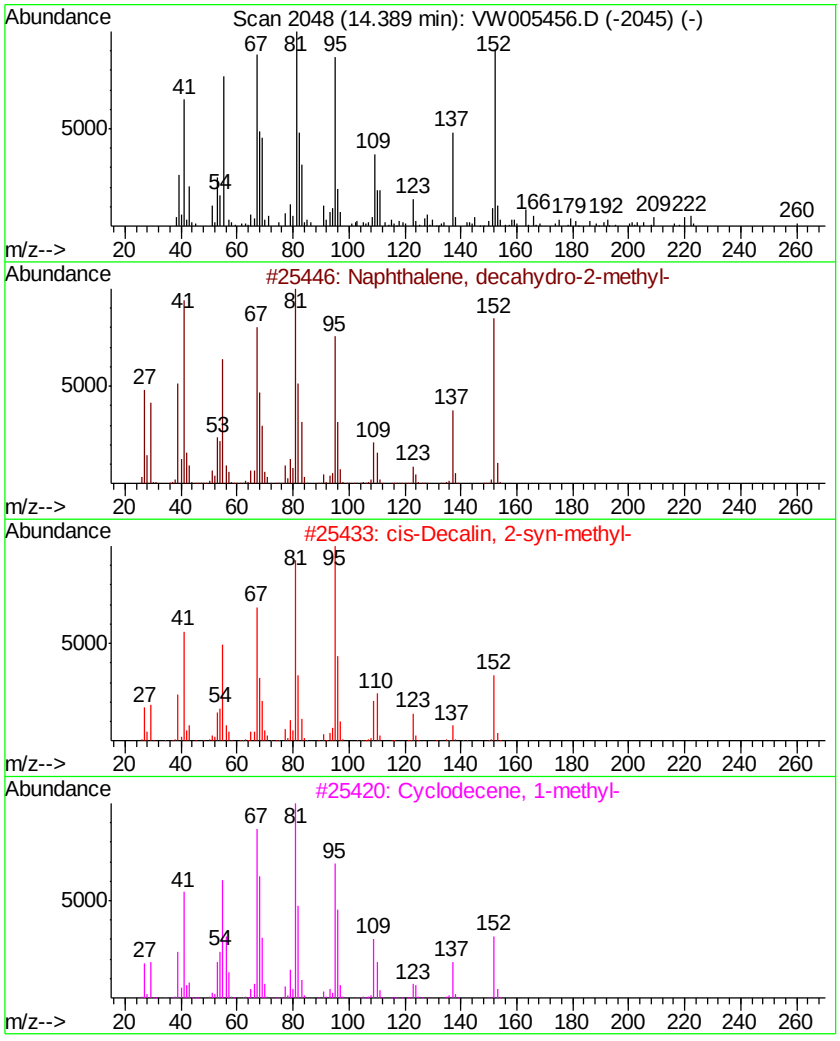
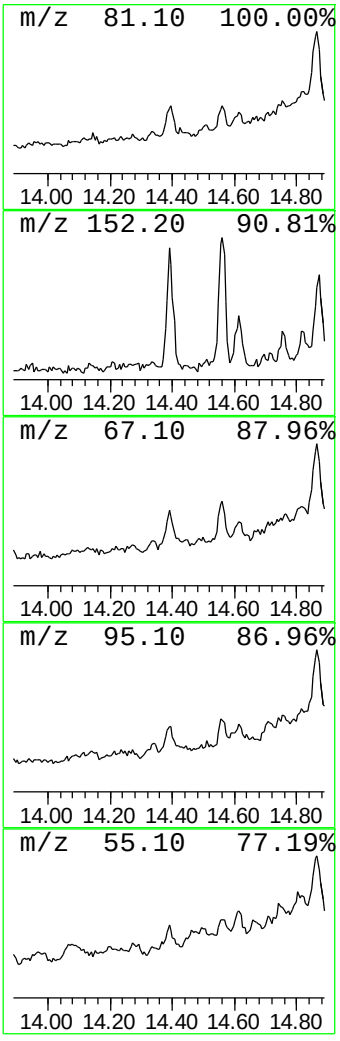
Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	18.76 ug/l	83071	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	91
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	91
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76





Library Search Compound Report

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Data File : VW005456.D
Acq On : 18 Sep 2018 03:19
Operator : SY/AP
Sample : J4949-01
Misc : 4.48G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 153

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260

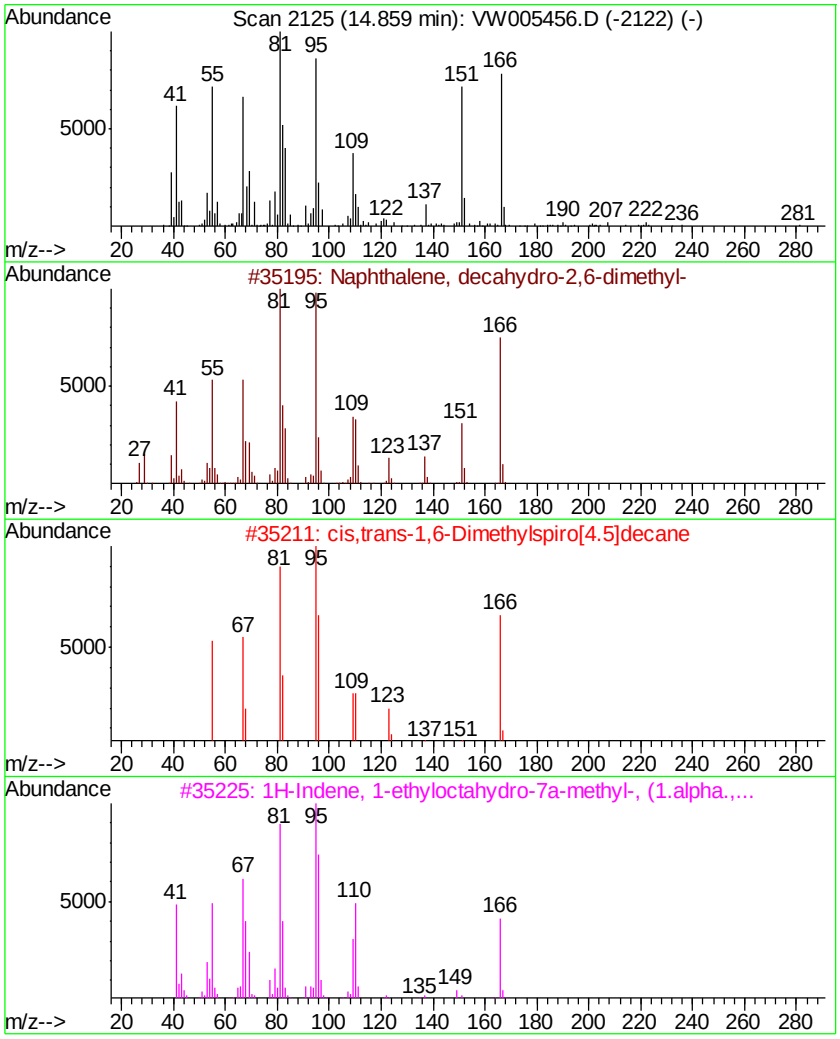
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

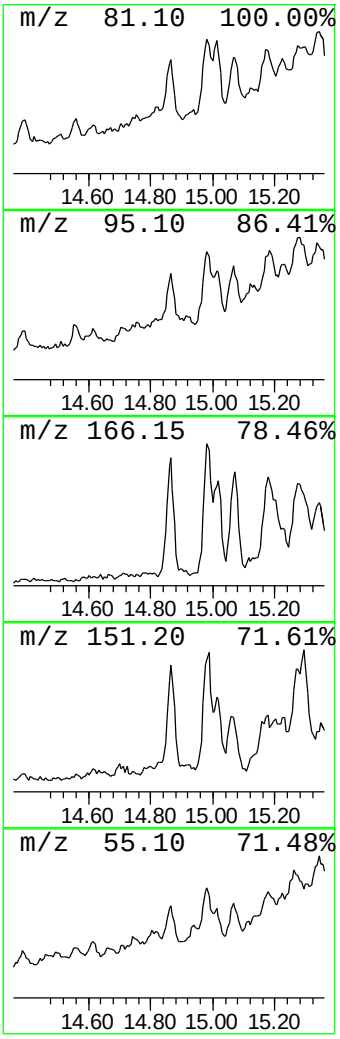
****

Peak Number 5 Naphthalene, decahydro-2,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	56.88 ug/l	251835	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	90
2	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	58
3	1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	58
4	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	46
5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	43





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Acq On : 18 Sep 2018 03:19
Operator : SY/AP
Sample : J4949-01
Misc : 4.48G/5ML/MSVOA_W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 153

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260

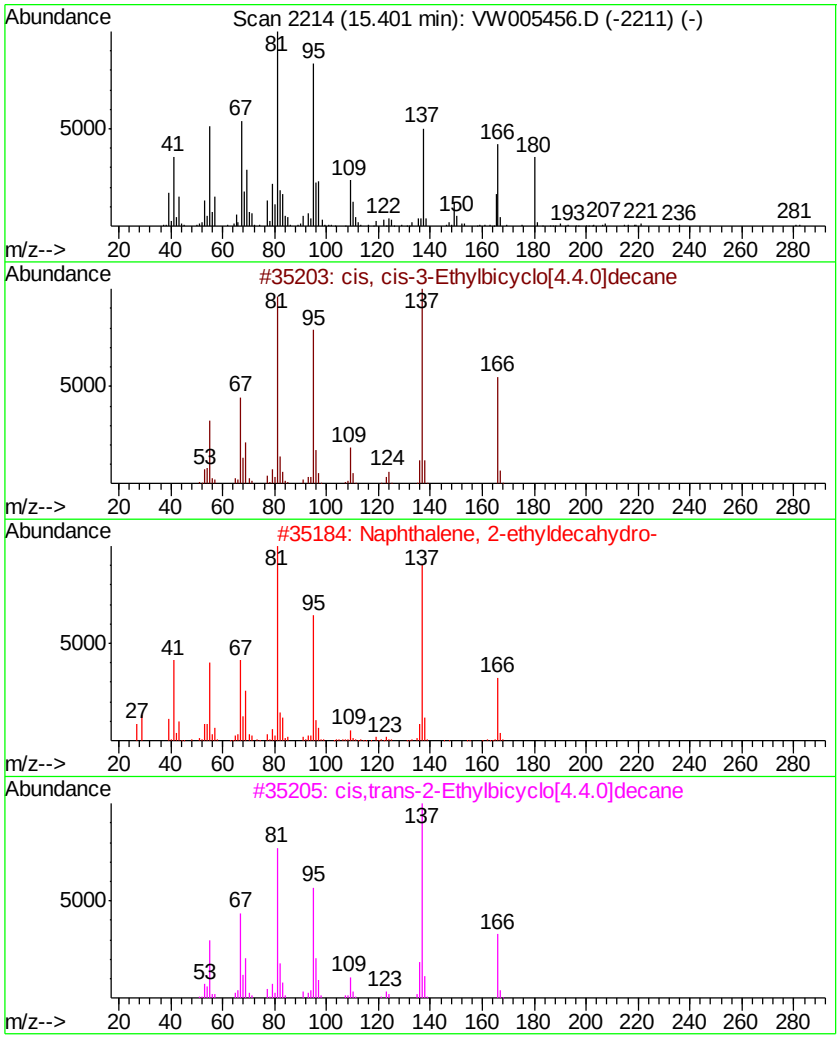
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

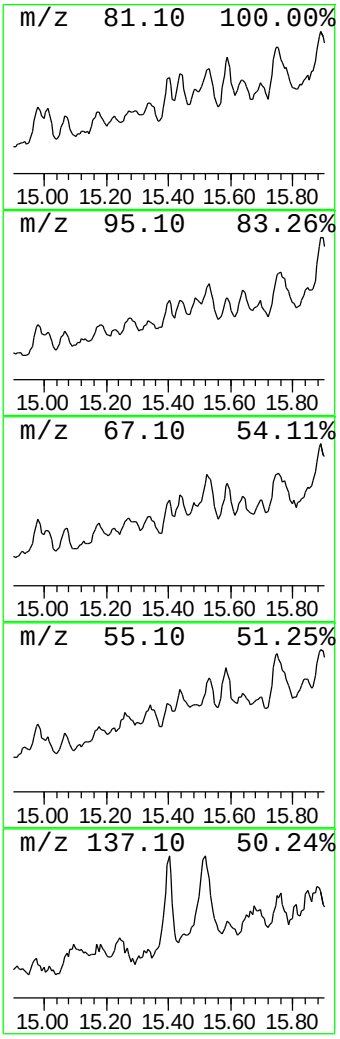
****

Peak Number 8 cis, cis-3-Ethylbicyclo[4.4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	41.69 ug/l	184603	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	74
2	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	70
3	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	64
4	Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	53
5	cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	52





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ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 153

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260

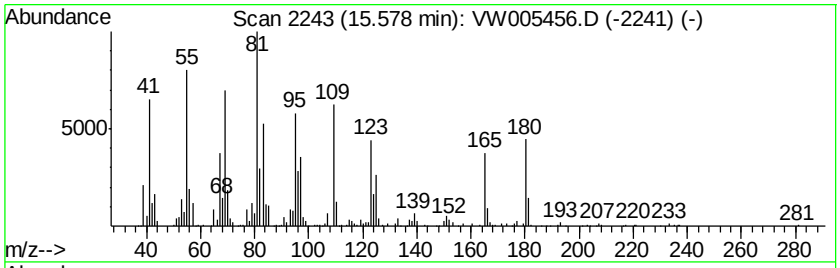
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

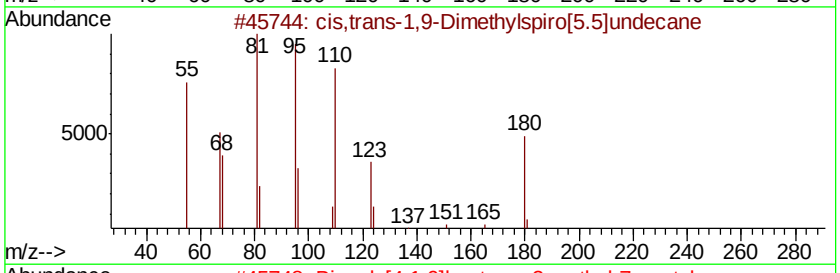
****

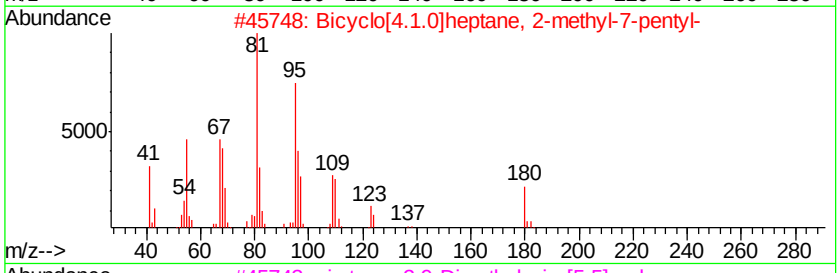
Peak Number 9 cis,trans-1,9-Dimethylspiro... Concentration Rank 2

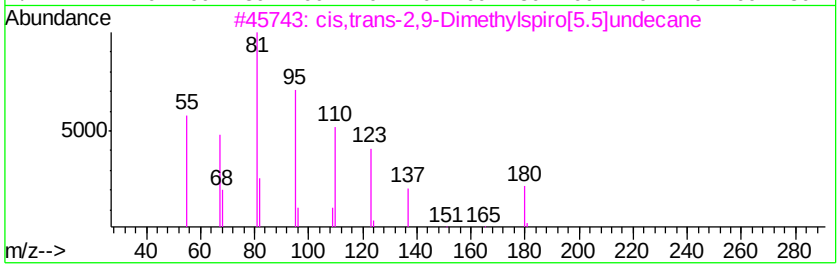
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	75.76 ug/l	335447	1,4-Dichlorobenzene-d4	13.57

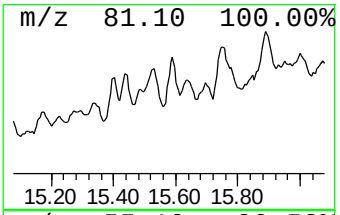
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-1,9-Dimethylspiro[5.5]...	180	C13H24	1000111-73-3	83
2	Bicyclo[4.1.0]heptane, 2-methyl-...	180	C13H24	055937-92-3	64
3	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	58
4	1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	43
5	trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	43

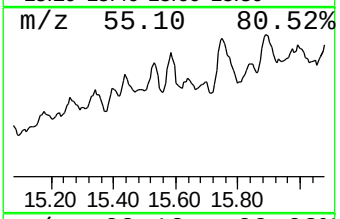


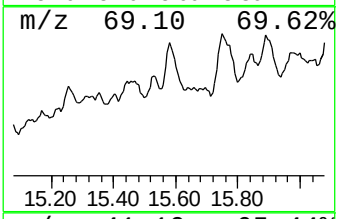


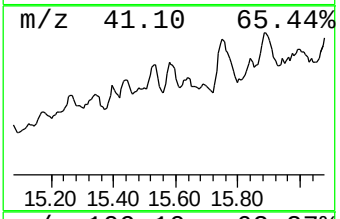


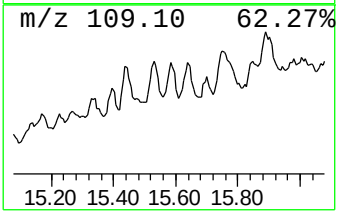












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Butenoic acid	1.96	8.2	ug/l	73797	1	7.96	451578	50.0
unknown13.88	13.88	12.8	ug/l	56699	4	13.57	221388	50.0
Naphthalene, deca...	14.39	18.8	ug/l	83071	4	13.57	221388	50.0
Naphthalene, deca...	14.86	56.9	ug/l	251835	4	13.57	221388	50.0
cis, cis-3-Ethylb...	15.40	41.7	ug/l	184603	4	13.57	221388	50.0
cis,trans-1,9-Dim...	15.58	75.8	ug/l	335447	4	13.57	221388	50.0