LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003181.D
Acq On : 05 Jul 2018 19:13
Operator : JC/MD
Sample : J3866-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AG-OILY-WATER

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_X\METHOD\82X062518W.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	2.130	245	253	264	rBV	2726812	4366182	1.91%	1.553%
2	13.158	2059	2062	2066	rVV	9874353	13200913	5.76%	4.696%
3	13.274	2075	2081	2102	rVB	2153873	3820957	1.67%	1.359%
4	13.524	2110	2122	2126	rBV2	85077883	229049526	100.00%	81.473%
5	14.627	2298	2303	2319	rBV	4998678	6887603	3.01%	2.450%
6	14.755	2319	2324	2336	rVV	6494589	7786662	3.40%	2.770%
7	14.859	2336	2341	2356	rVV	13242670	16022356	7.00%	5.699%

Sum of corrected areas: 281134199

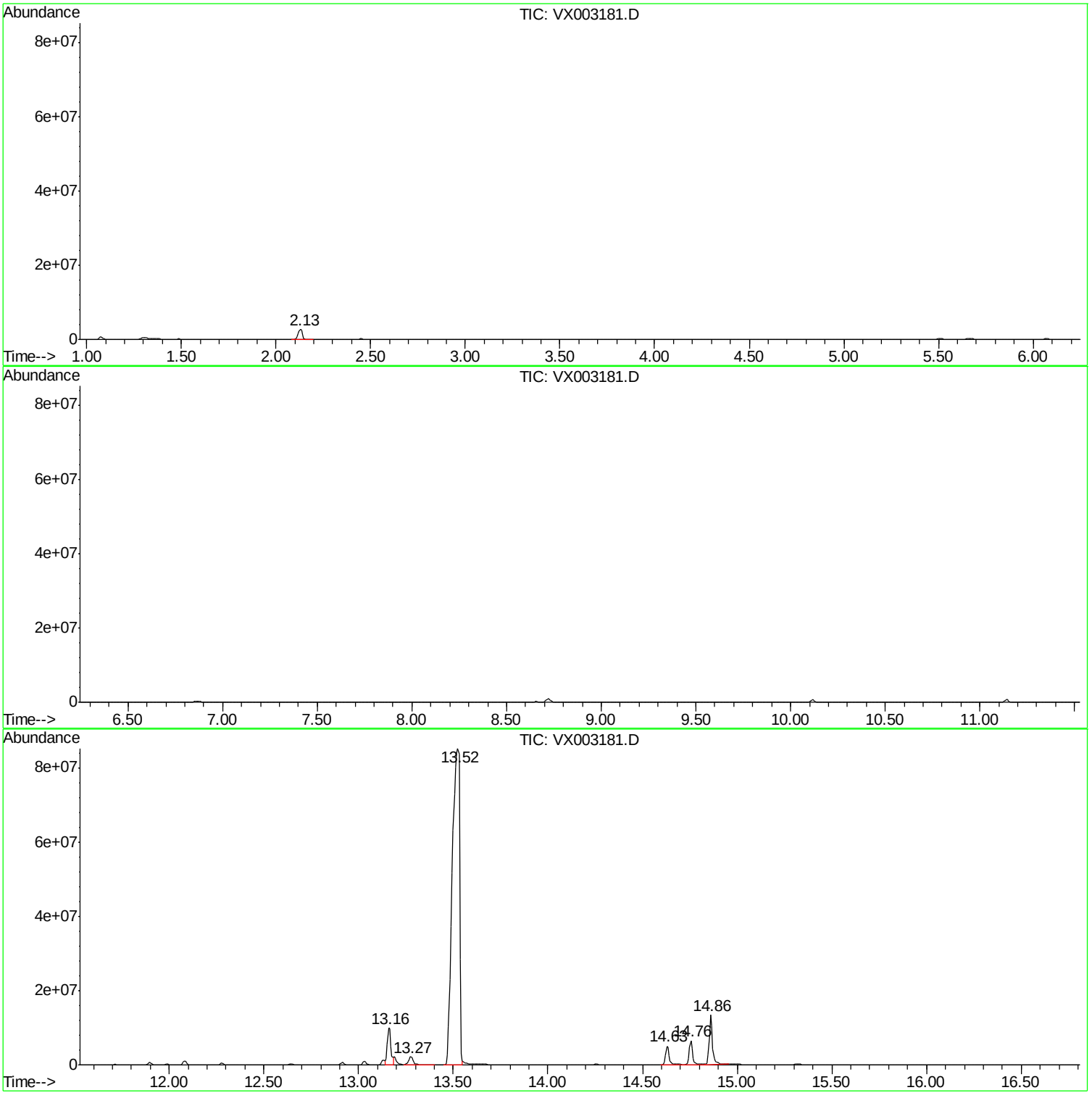
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003181.D
Acq On : 05 Jul 2018 19:13
Operator : JC/MD
Sample : J3866-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AG-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.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_X\DATA\VX070518\
Data File : VX003181.D
Acq On : 05 Jul 2018 19:13
Operator : JC/MD
Sample : J3866-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AG-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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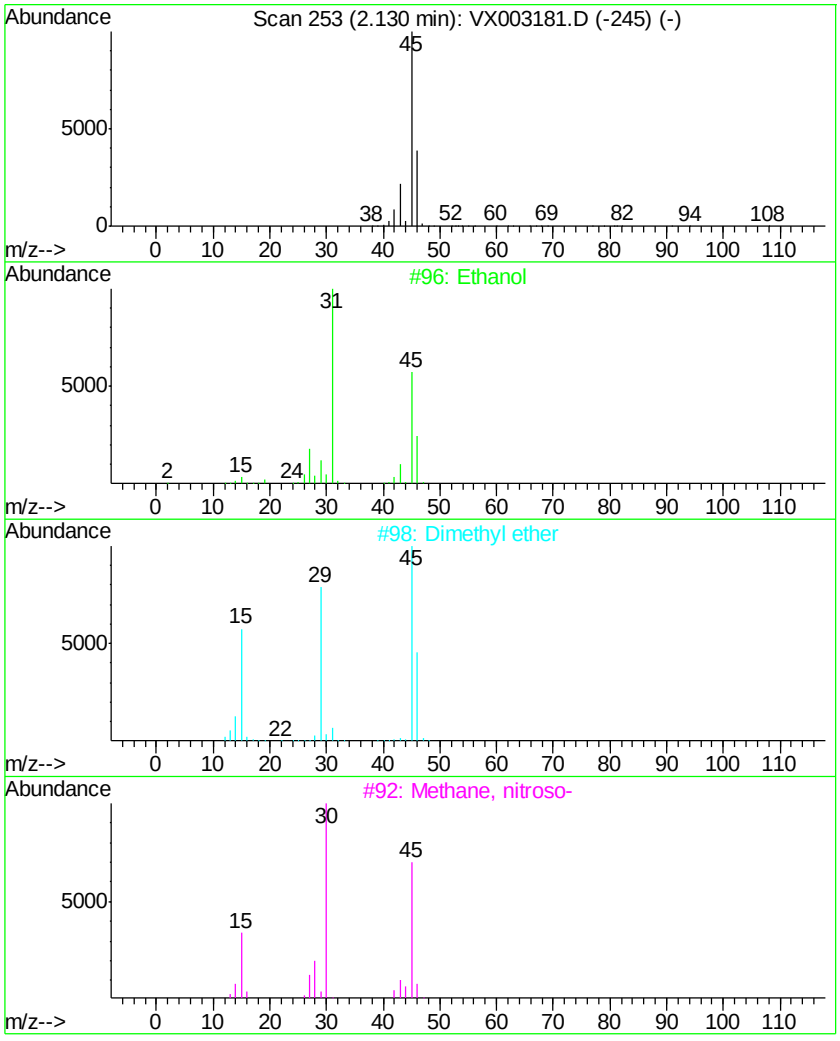
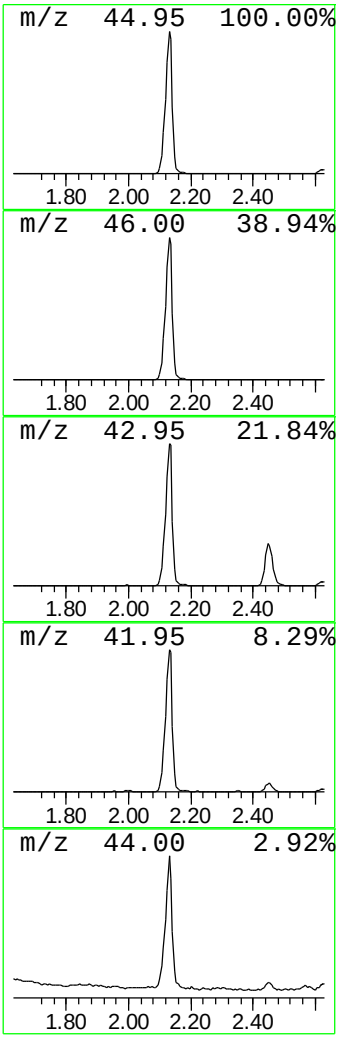
Peak Number 1 Ethanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	50.00 ug/l	4366180	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003181.D
Acq On : 05 Jul 2018 19:13
Operator : JC/MD
Sample : J3866-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AG-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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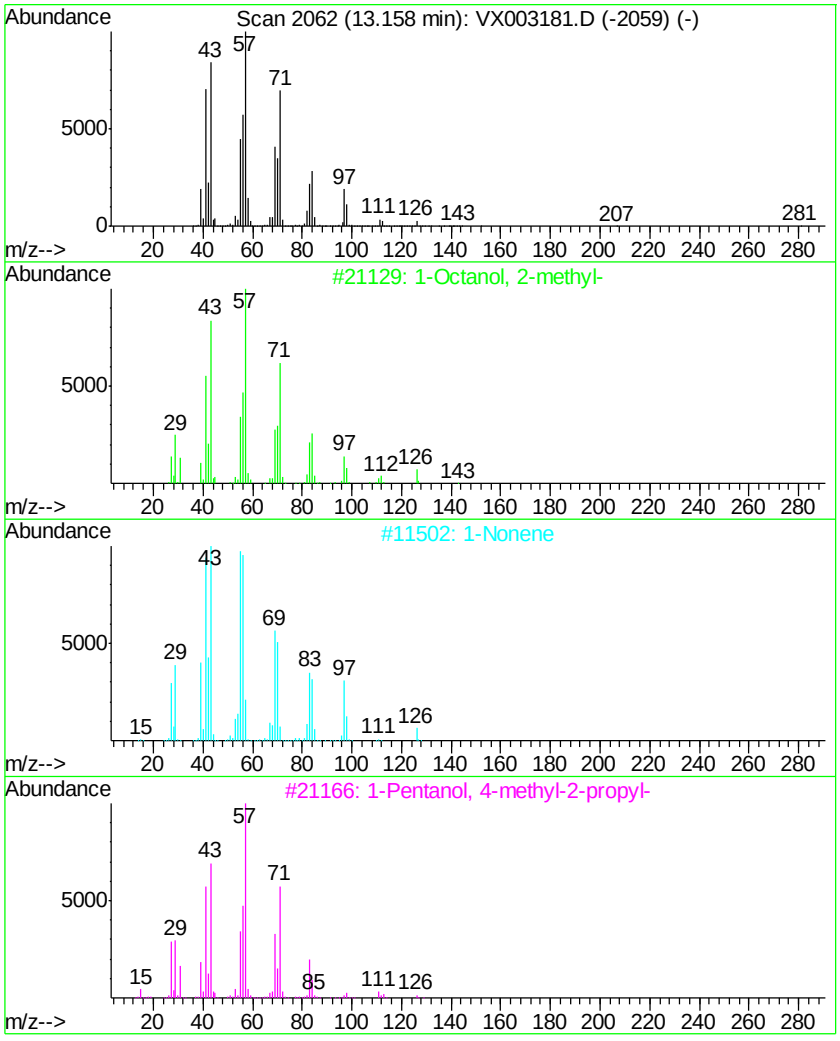
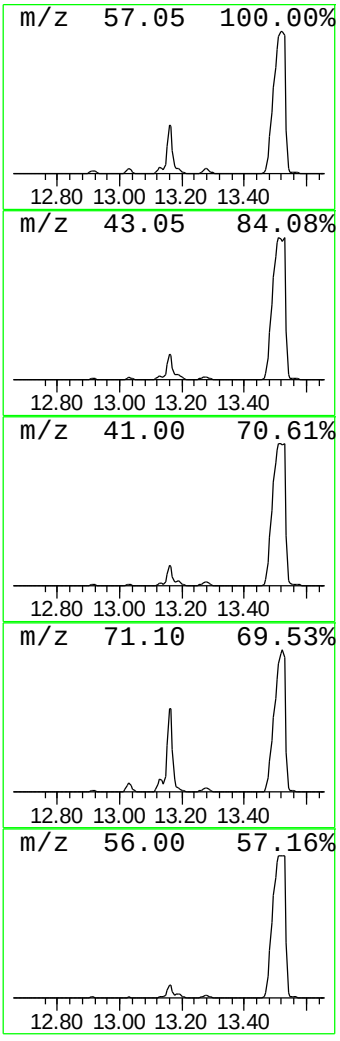
Peak Number 2 1-Octanol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	50.00 ug/l	13200900	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	90
2	1-Nonene	126	C9H18	000124-11-8	64
3	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	59
4	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	50
5	Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003181.D
Acq On : 05 Jul 2018 19:13
Operator : JC/MD
Sample : J3866-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AG-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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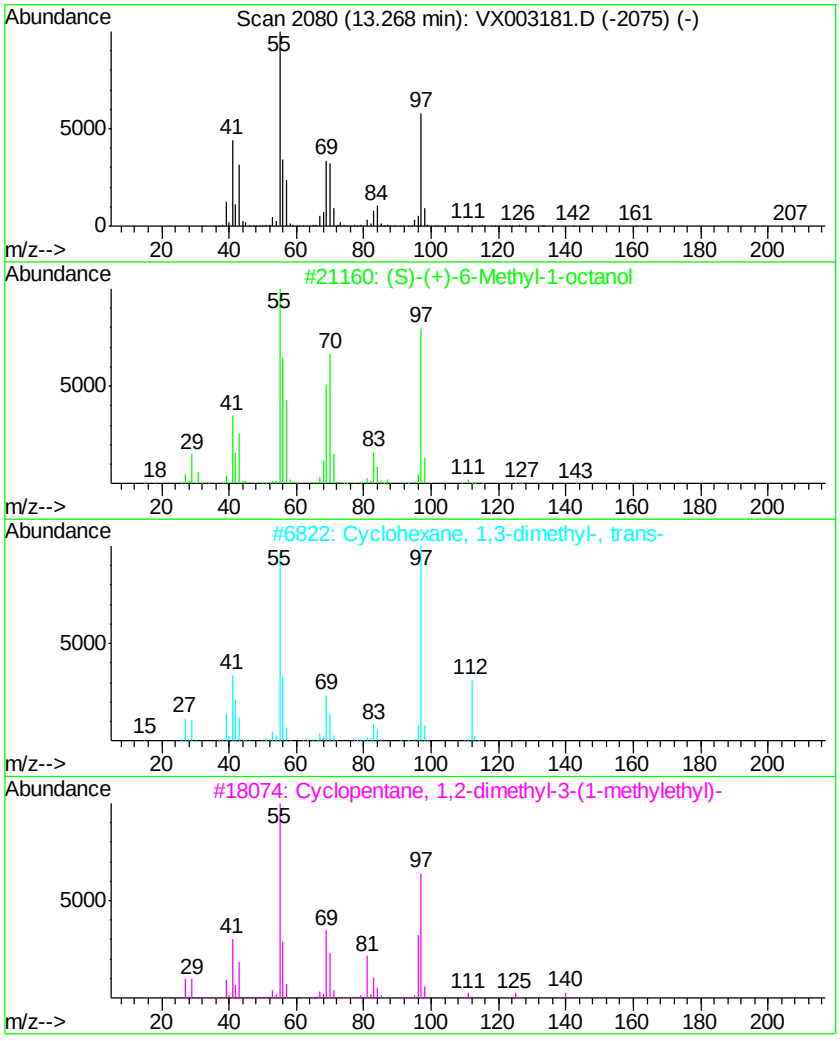
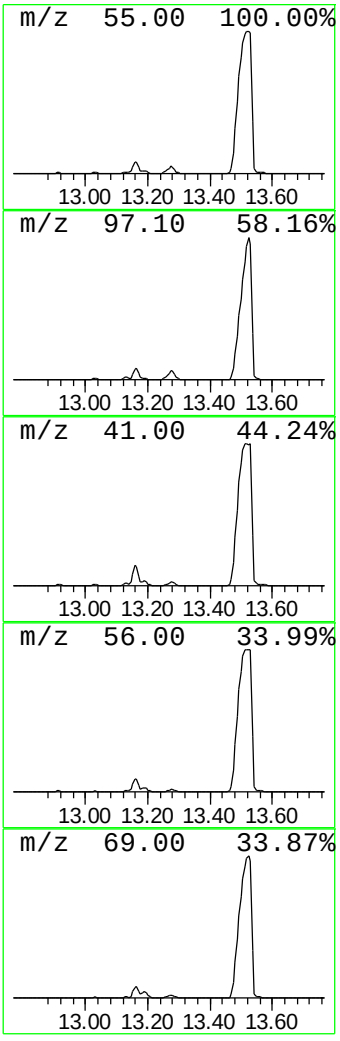
Peak Number 3 (S)-(+)-6-Methyl-1-octanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	14.47 ug/l	3820960	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-6-Methyl-1-octanol	144	C9H20O	110453-78-6	86
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
3	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	59
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	50
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003181.D
Acq On : 05 Jul 2018 19:13
Operator : JC/MD
Sample : J3866-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AG-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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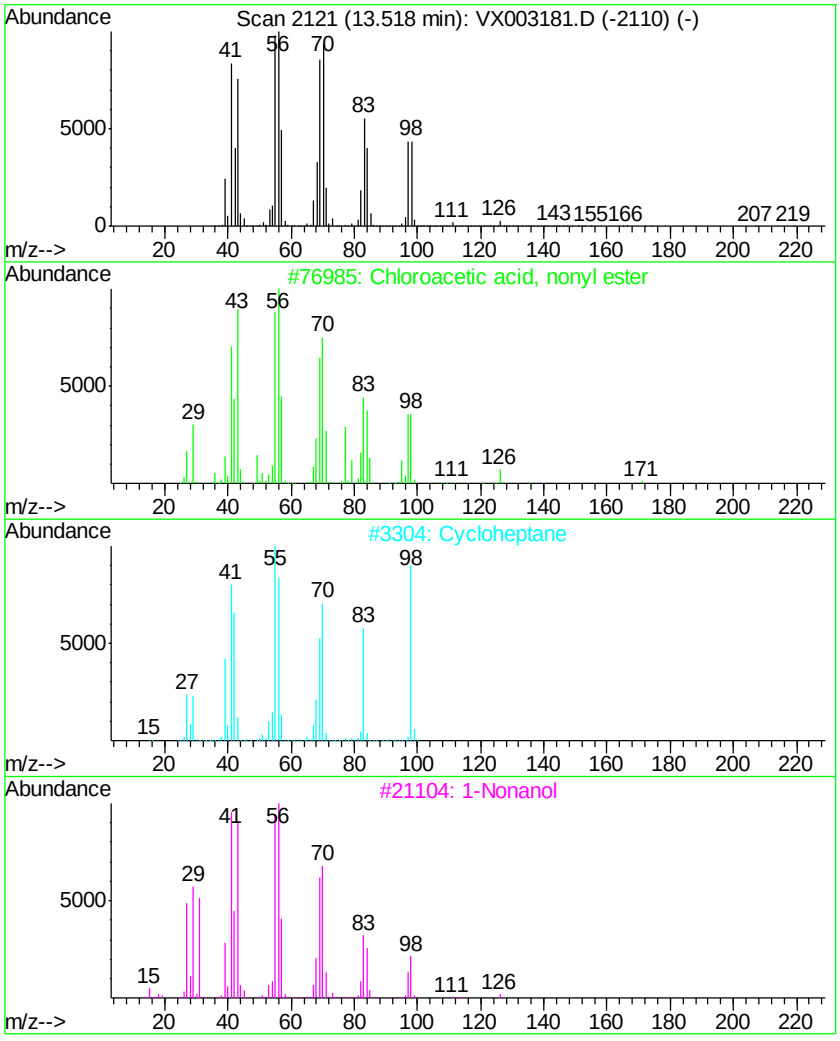
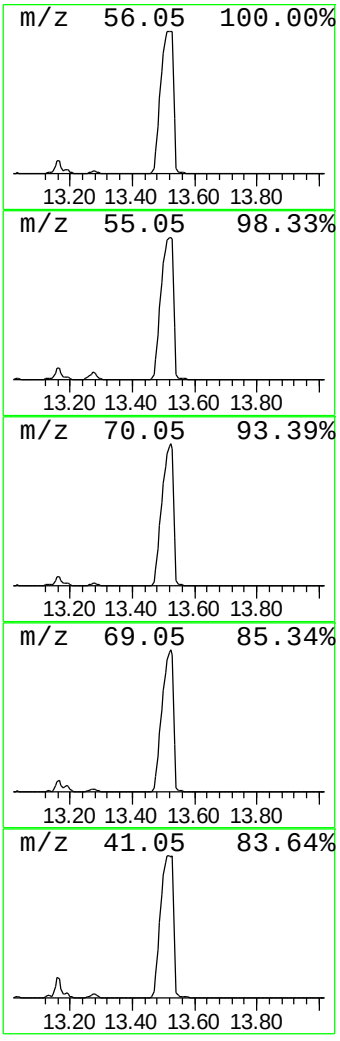
Peak Number 4 Chloroacetic acid, nonyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	867.55 ug/l	229050000	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroacetic acid, nonyl ester	220	C11H21ClO2	005451-96-7	90
2	Cycloheptane	98	C7H14	000291-64-5	76
3	1-Nonanol	144	C9H20O	000143-08-8	72
4	Acetic acid, nonyl ester	186	C11H22O2	000143-13-5	72
5	Cyclooctane, methyl-	126	C9H18	001502-38-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003181.D
Acq On : 05 Jul 2018 19:13
Operator : JC/MD
Sample : J3866-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AG-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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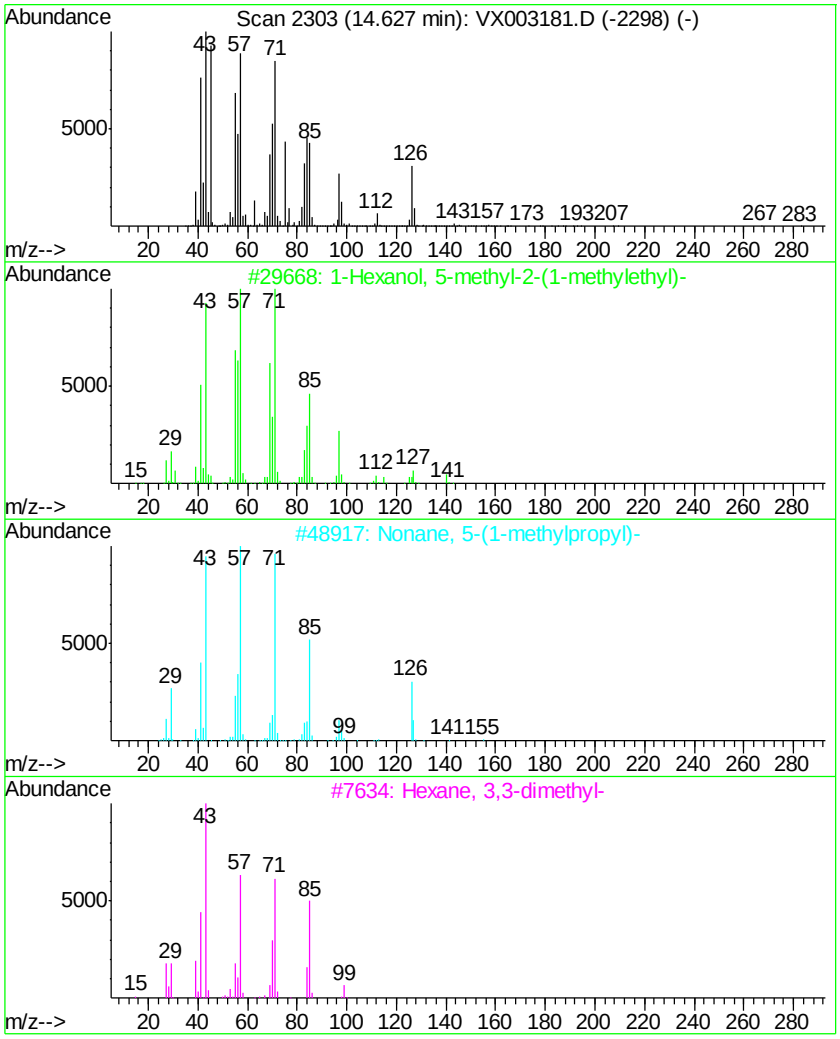
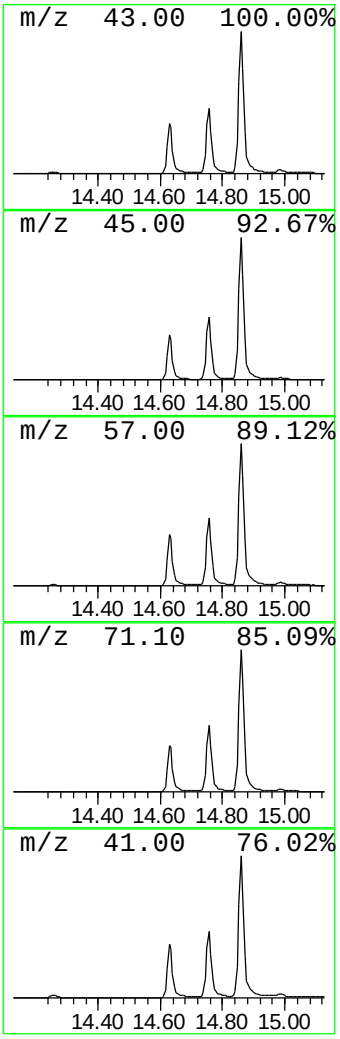
Peak Number 5 unknown14.63 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	26.09 ug/l	6887600	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	43
2	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	38
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	30
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	30
5	2-Hexanol, 3,4-dimethyl-	130	C8H18O	019550-05-1	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003181.D
Acq On : 05 Jul 2018 19:13
Operator : JC/MD
Sample : J3866-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AG-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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

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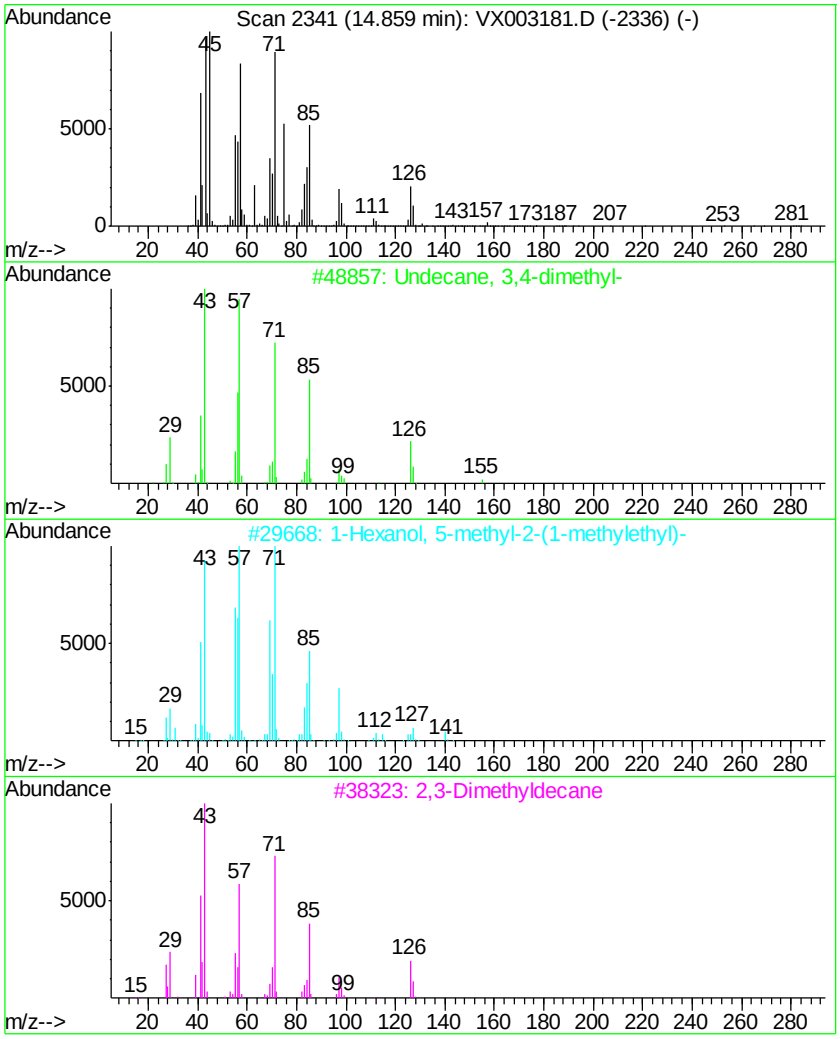
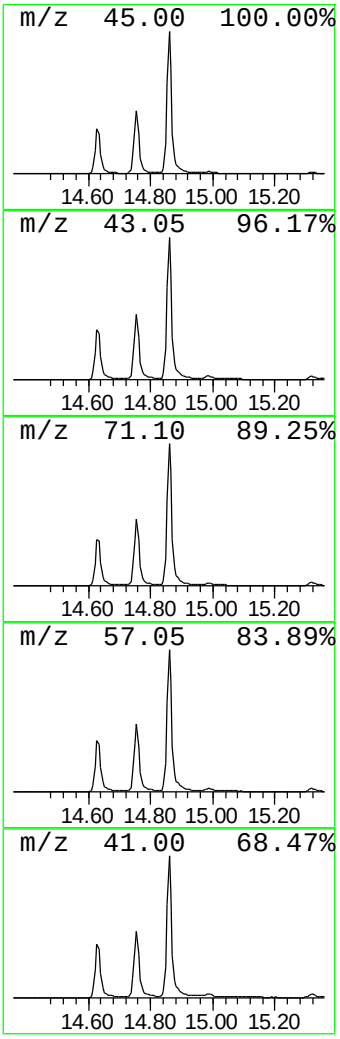
Peak Number 7 unknown14.86 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	60.69 ug/l	16022400	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	43
2	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	38
3	2,3-Dimethyldecane	170	C12H26	017312-44-6	38
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	35
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003181.D
Acq On : 05 Jul 2018 19:13
Operator : JC/MD
Sample : J3866-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AG-OILY-WATER

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.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
Ethanol	2.13	50.0	ug/l	4366180	1	5.67	4366180	50.0
1-Octanol, 2-methyl-	13.16	50.0	ug/l	13200900	4	12.08	13200900	50.0
(S)-(+)-6-Methyl-...	13.27	14.5	ug/l	3820960	4	12.08	13200900	50.0
Chloroacetic acid...	13.52	867.5	ug/l	229050000	4	12.08	13200900	50.0
unknown14.63	14.63	26.1	ug/l	6887600	4	12.08	13200900	50.0
unknown14.86	14.86	60.7	ug/l	16022400	4	12.08	13200900	50.0