

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 Time: Jul 06 11:53:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217313	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	169250	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
35) Dibromofluoromethane	5.51	113	144733	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
50) Toluene-d8	8.72	98	553587	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.14	95	193454	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	

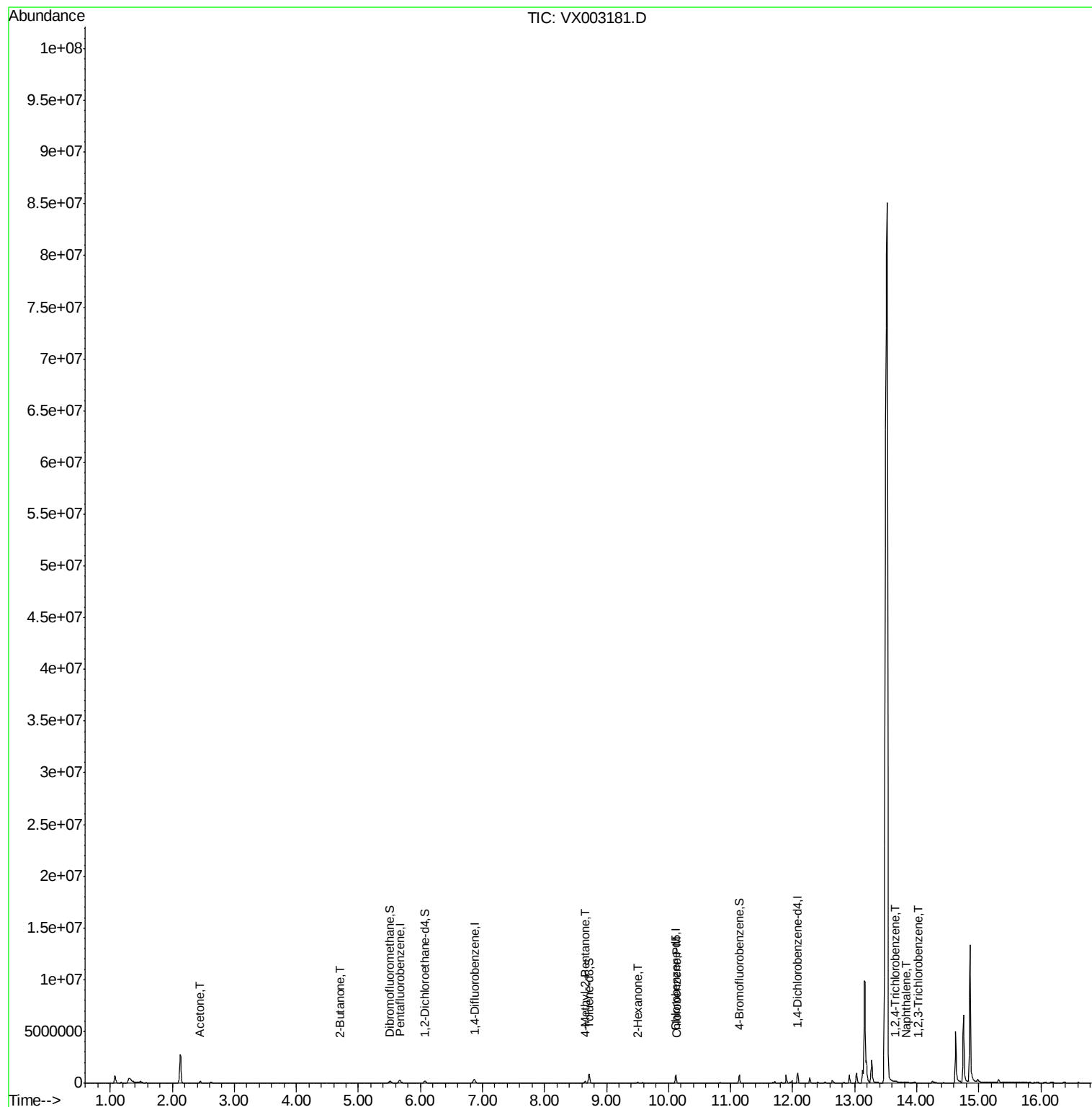
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	172351	111.83	ug/l	96
25) 2-Butanone	4.71	43	63577	27.80	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	90767	19.69	ug/l	99
59) 2-Hexanone	9.50	43	35810	10.22	ug/l	98
65) Chlorobenzene	10.14	112	5236	0.58	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	6464	1.16	ug/l	94
95) Naphthalene	13.84	128	14194	0.95	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.02	180	2576	0.46	ug/l	91

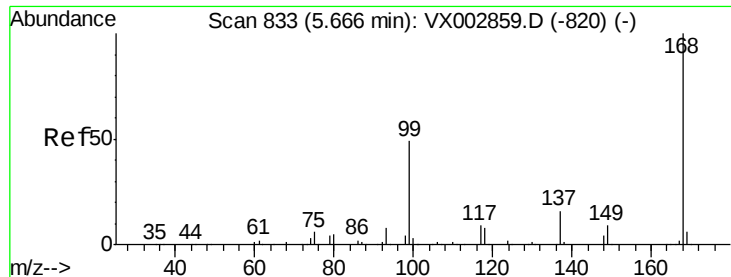
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003181.D

Acq: 05 Jul 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

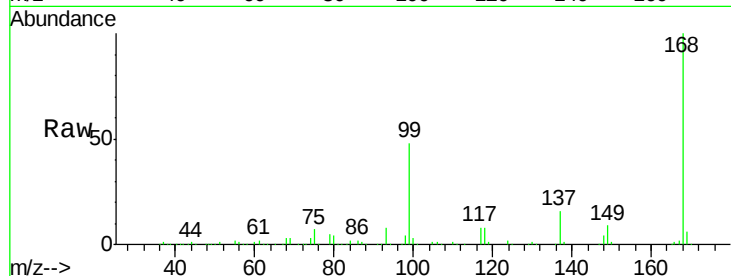
AG-OILY-WATER

Tot Ion:168 Resp: 269250

Ion Ratio Lower Upper

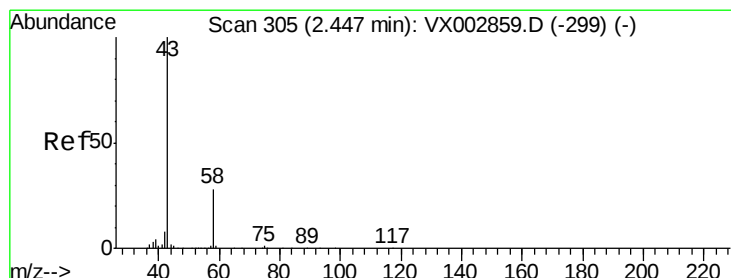
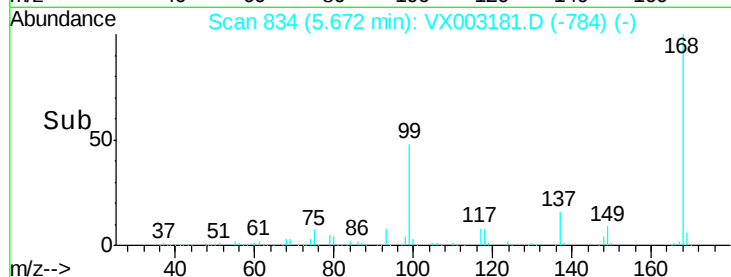
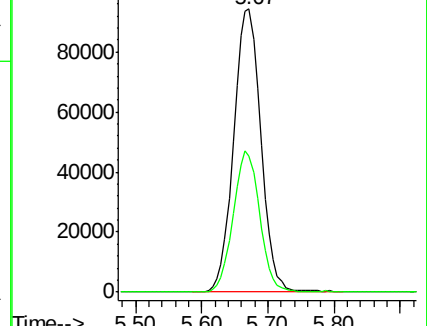
168 100

99 48.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 111.83 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003181.D

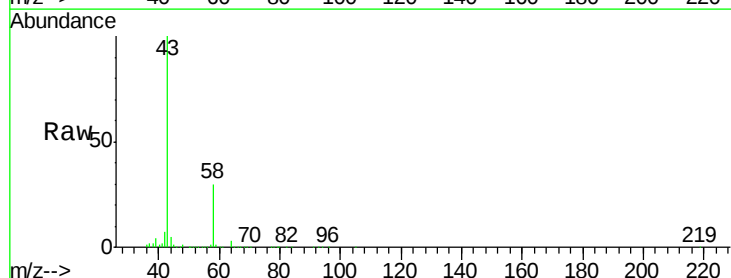
Acq: 05 Jul 2018 19:13

Tgt Ion: 43 Resp: 172351

Ion Ratio Lower Upper

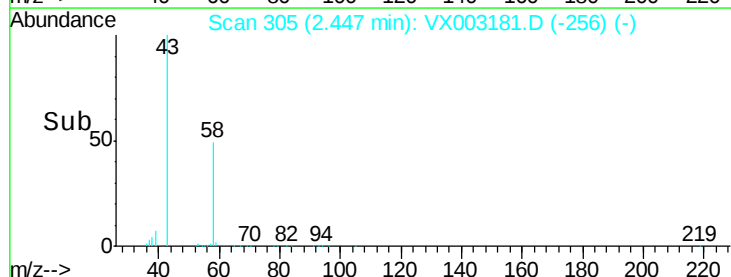
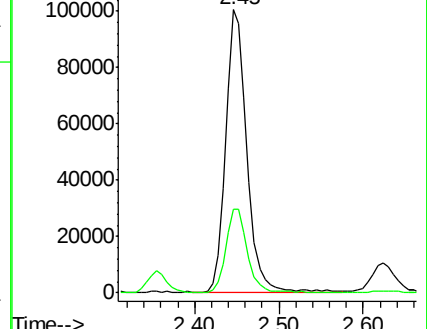
43 100

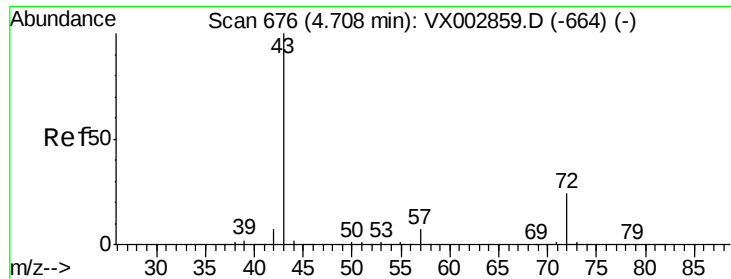
58 29.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 27.80 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003181.D

Acq: 05 Jul 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

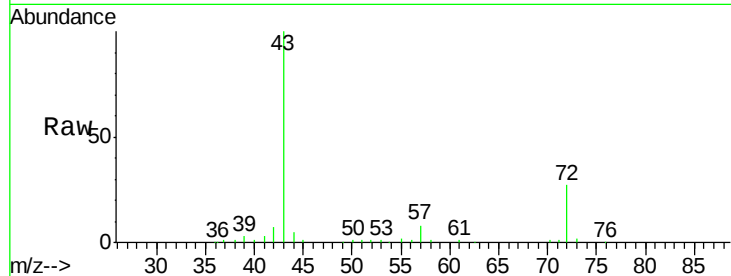
AG-OILY-WATER

Tot Ion: 43 Resp: 63577

Ion Ratio Lower Upper

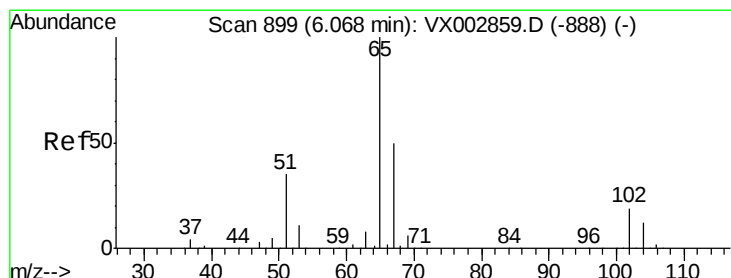
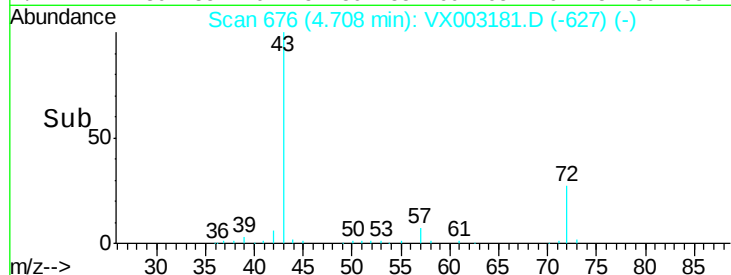
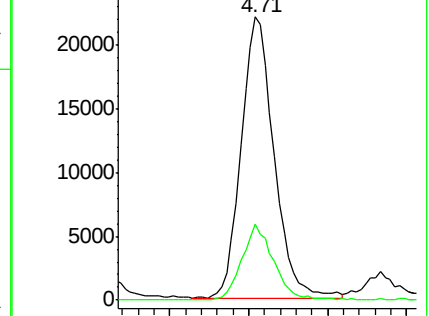
43 100

72 27.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003181.D

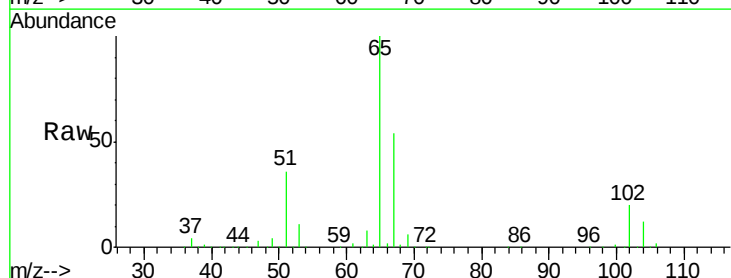
Acq: 05 Jul 2018 19:13

Tgt Ion: 65 Resp: 169250

Ion Ratio Lower Upper

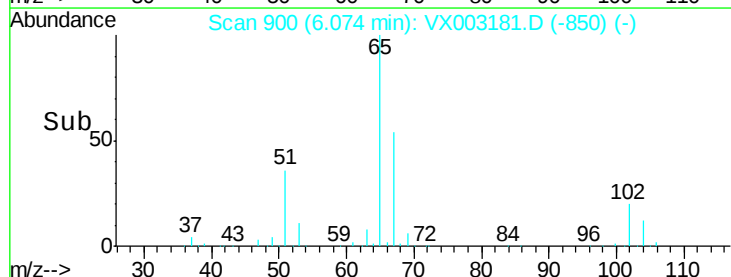
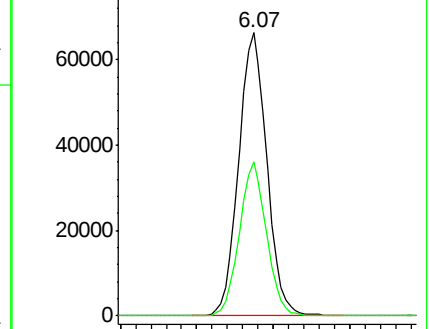
65 100

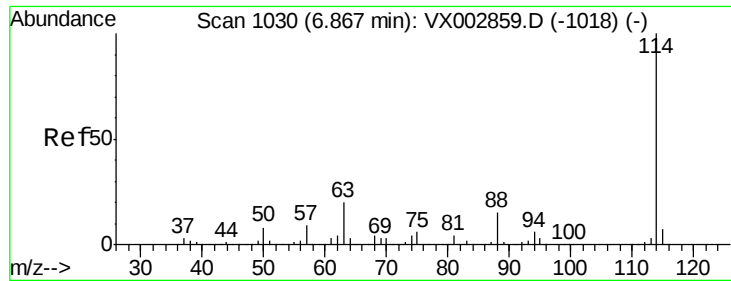
67 52.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003181.D

Acq: 05 Jul 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

AG-OILY-WATER

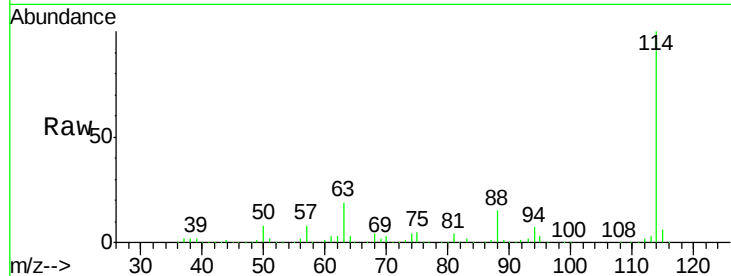
Tot Ion:114 Resp: 372068

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

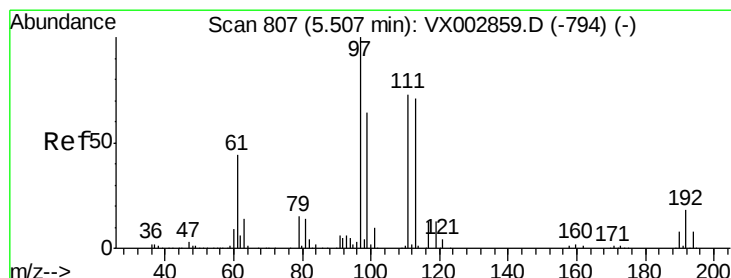
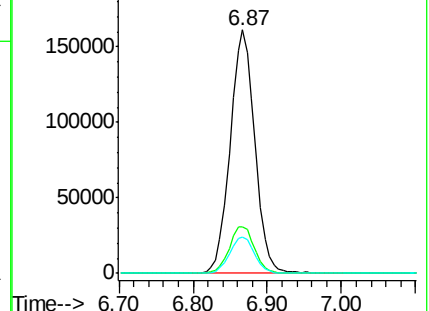
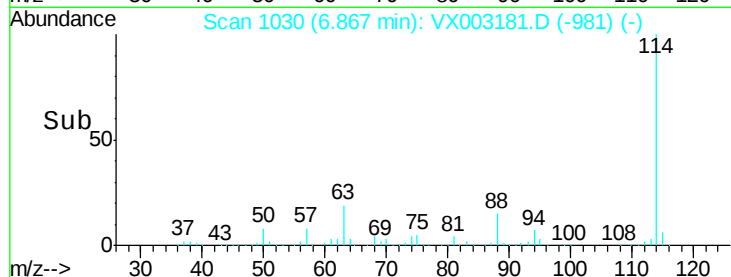
88 14.9 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.12 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003181.D

Acq: 05 Jul 2018 19:13

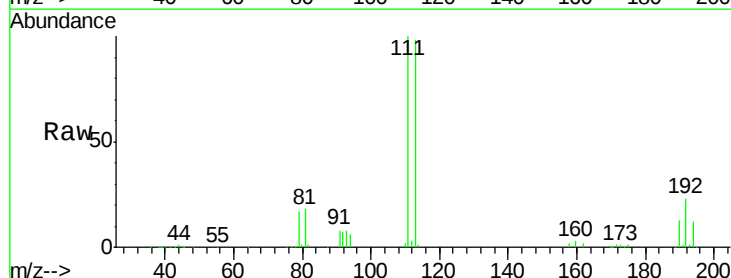
Tgt Ion:113 Resp: 144733

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

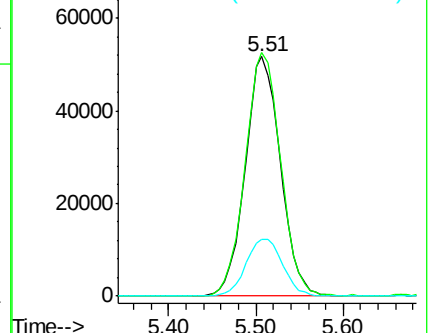
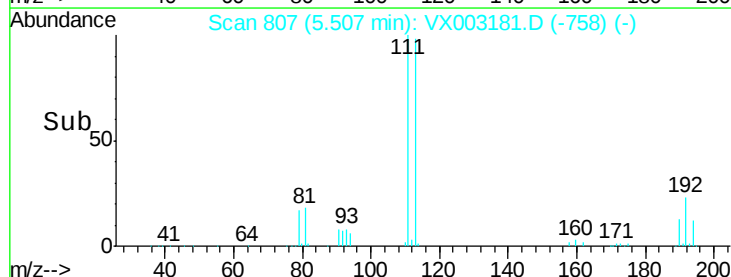
192 24.9 19.1 28.7

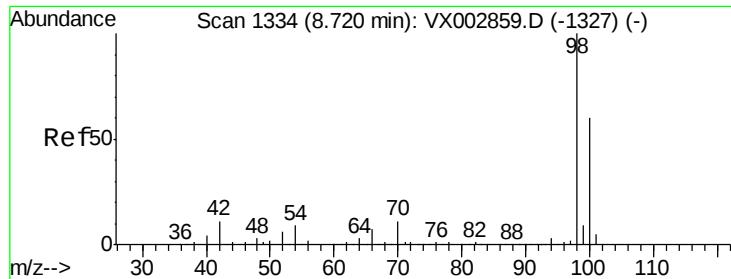


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003181.D

Acq: 05 Jul 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

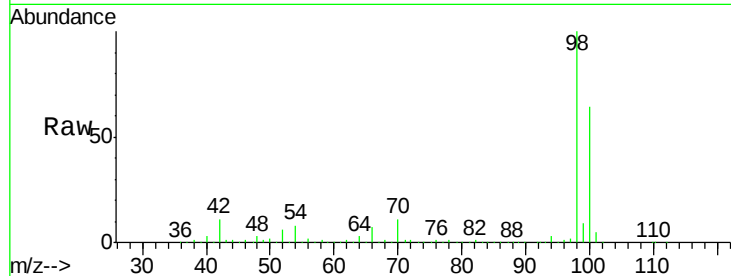
AG-OILY-WATER

Tot Ion: 98 Resp: 553587

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

300000

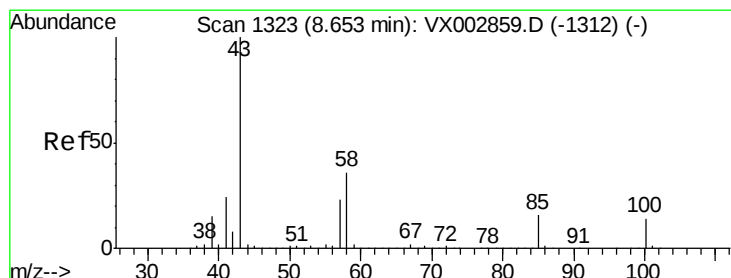
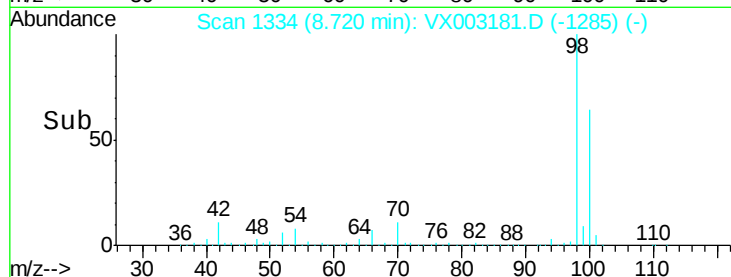
200000

100000

0

8.70 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 19.69 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003181.D

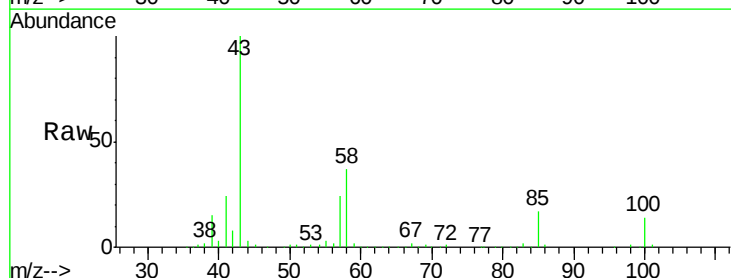
Acq: 05 Jul 2018 19:13

Tgt Ion: 43 Resp: 90767

Ion Ratio Lower Upper

43 100

58 36.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

60000

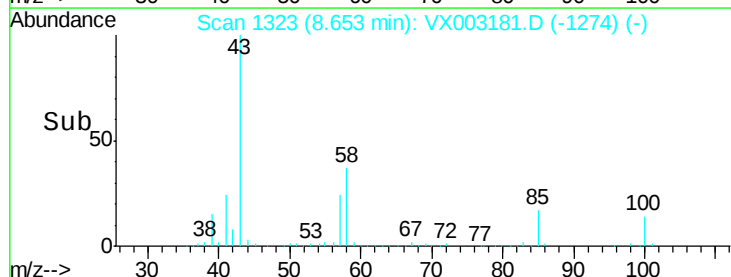
40000

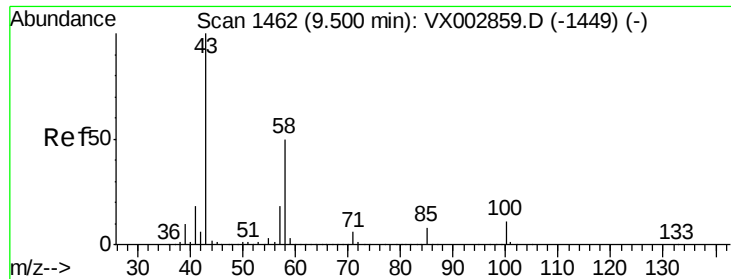
20000

0

8.60 8.65 8.70

Time-->

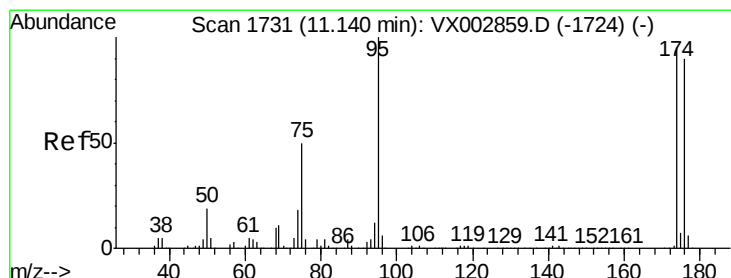
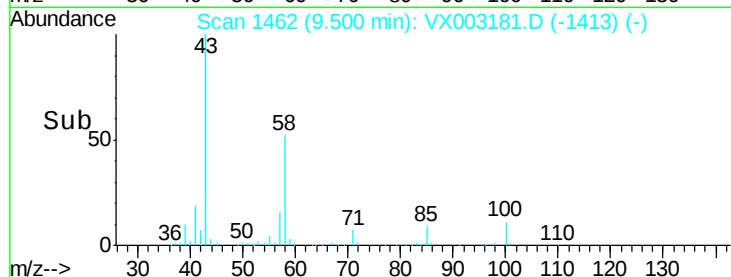
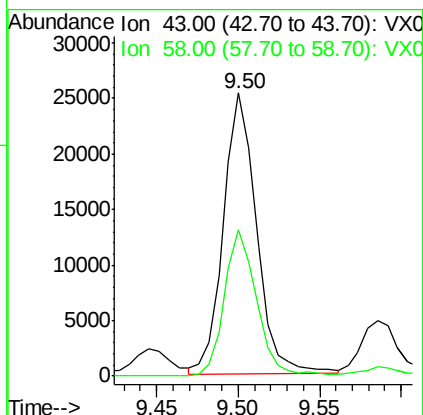
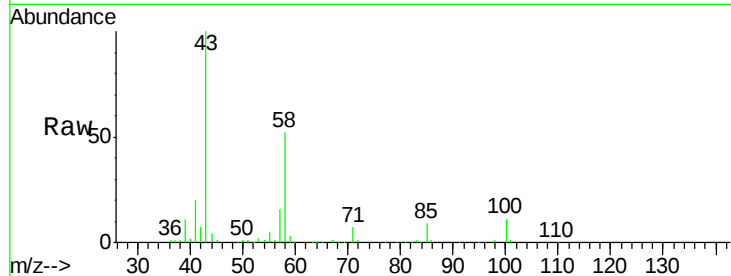




#59
2-Hexanone
Concen: 10.22 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003181.D
Acq: 05 Jul 2018 19:13

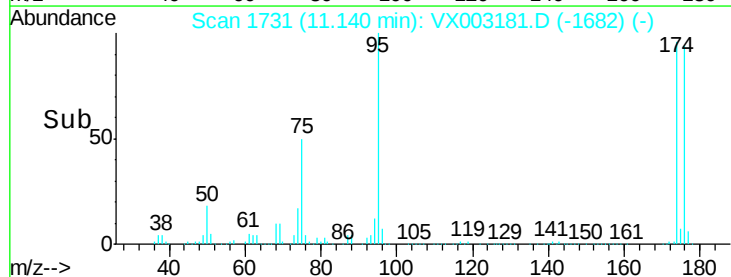
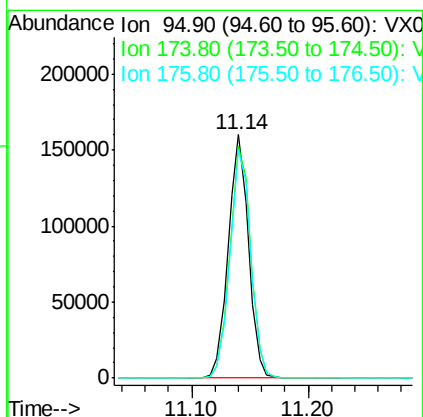
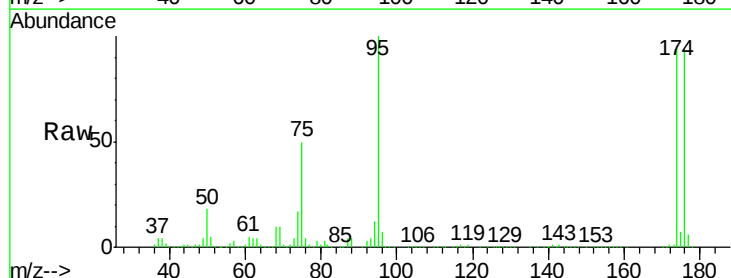
Instrument :
MSVOA_X
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AG-OILY-WATER

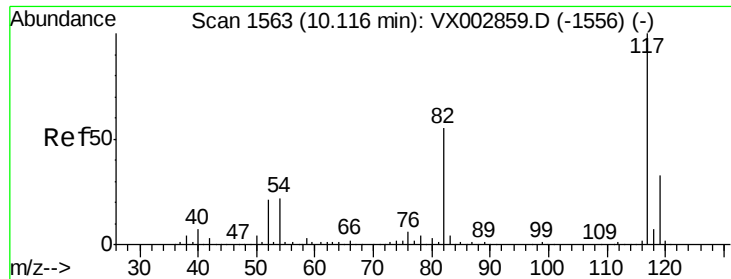
Tot Ion: 43 Resp: 35810
Ion Ratio Lower Upper
43 100
58 50.8 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 46.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003181.D
Acq: 05 Jul 2018 19:13

Tgt Ion: 95 Resp: 193454
Ion Ratio Lower Upper
95 100
174 99.0 0.0 187.4
176 96.4 0.0 181.0

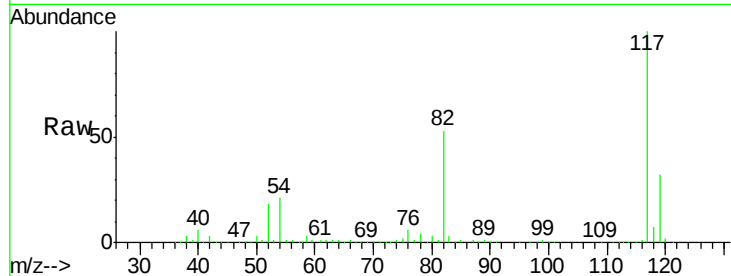




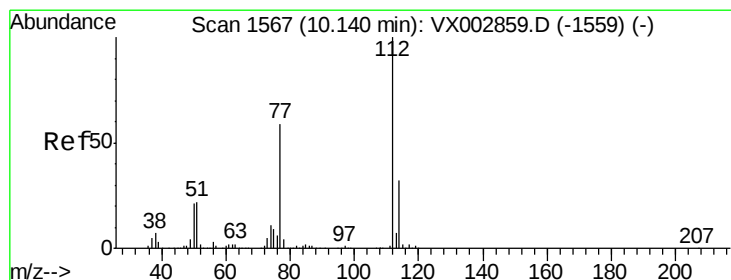
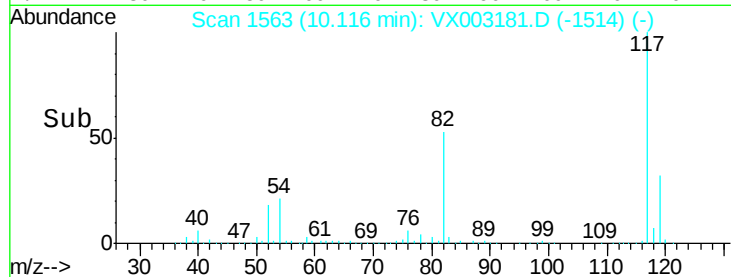
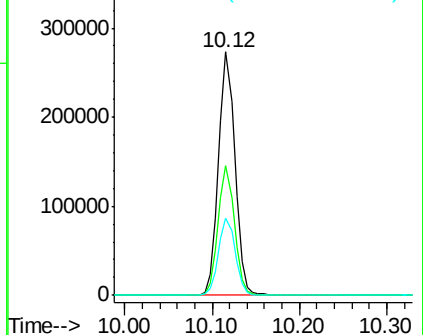
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003181.D
Acq: 05 Jul 2018 19:13

Instrument :
MSVOA_X
ClientSampleId :
AG-OILY-WATER

Tot Ion:117 Resp: 354757
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 31.7 25.8 38.6

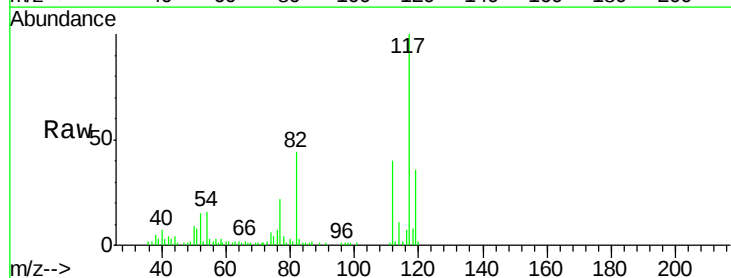


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

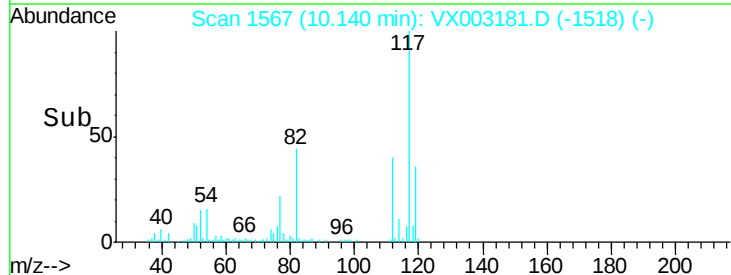
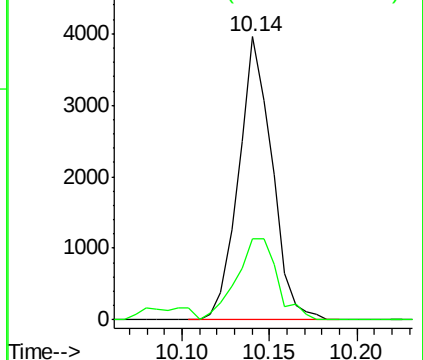


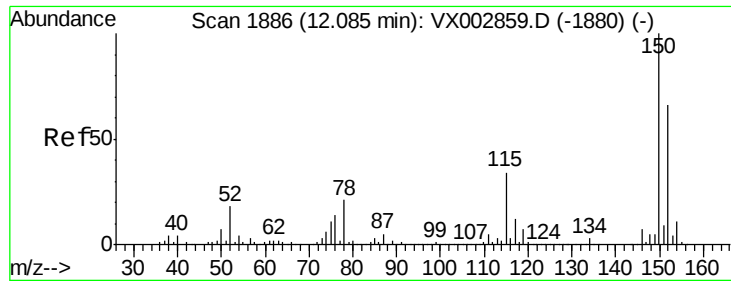
#65
Chlorobenzene
Concen: 0.58 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003181.D
Acq: 05 Jul 2018 19:13

Tgt Ion:112 Resp: 5236
Ion Ratio Lower Upper
112 100
114 28.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003181.D

Acq: 05 Jul 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

AG-OILY-WATER

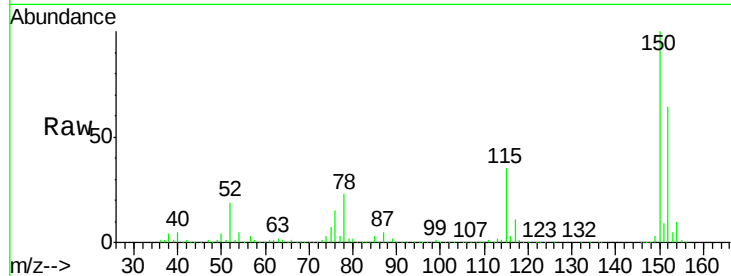
Tot Ion:152 Resp: 217313

Ion Ratio Lower Upper

152 100

115 53.0 40.1 120.2

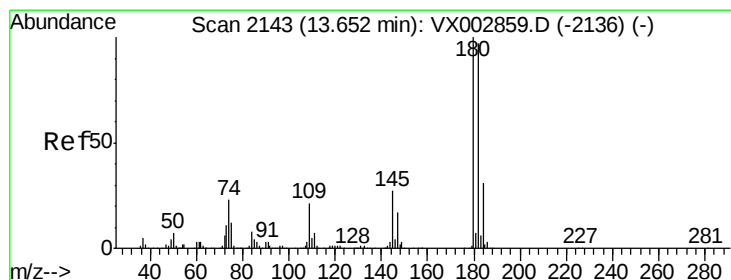
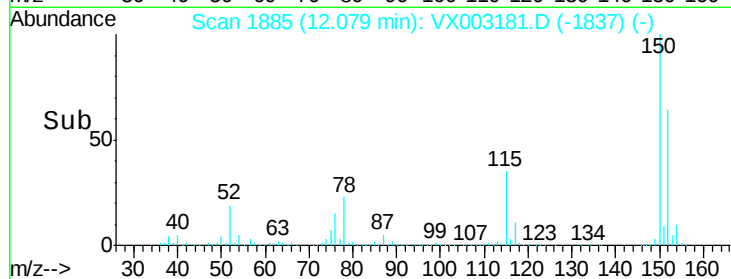
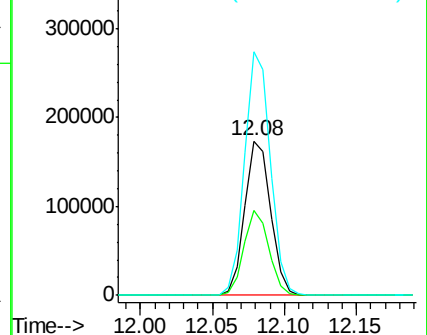
150 156.2 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#93

1,2,4-Trichlorobenzene

Concen: 1.16 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX003181.D

Acq: 05 Jul 2018 19:13

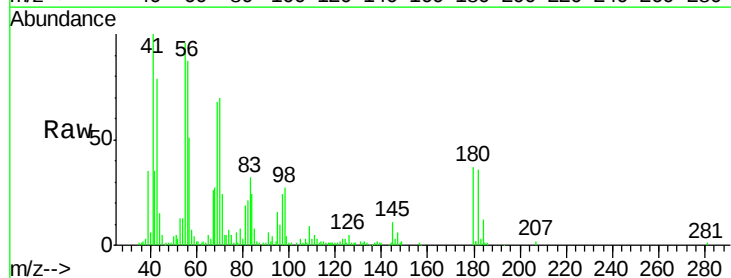
Tgt Ion:180 Resp: 6464

Ion Ratio Lower Upper

180 100

182 100.9 47.7 143.1

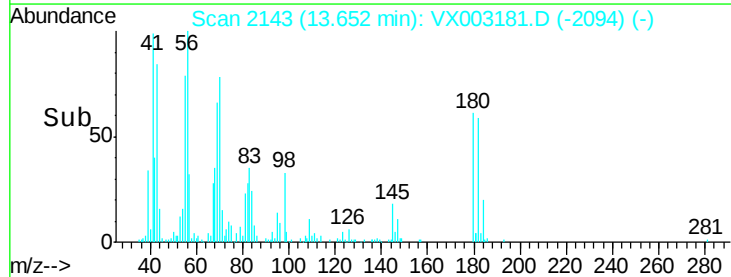
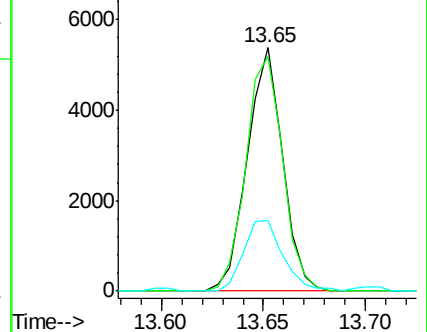
145 32.6 14.1 42.4

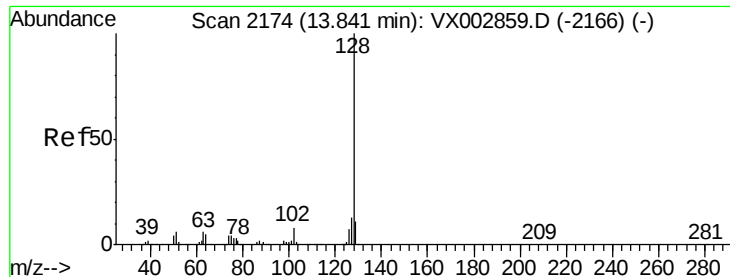


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 0.95 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003181.D

Acq: 05 Jul 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

AG-OILY-WATER

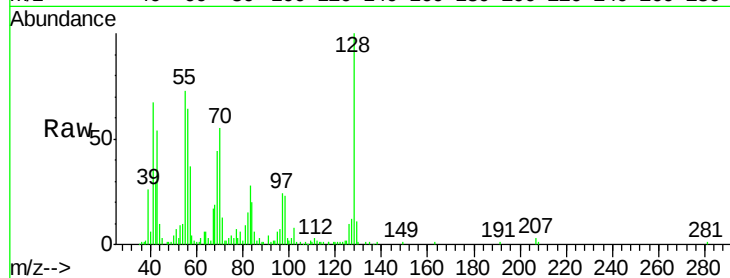
Tot Ion:128 Resp: 14194

Ion Ratio Lower Upper

128 100

127 15.2 10.4 15.6

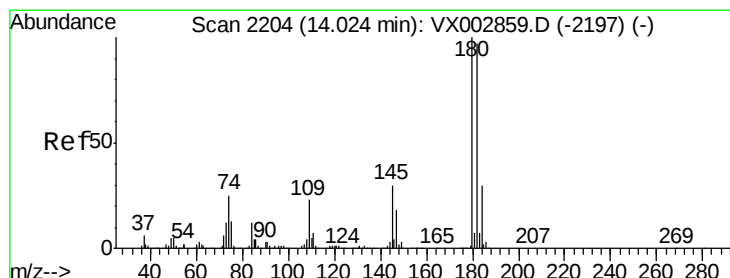
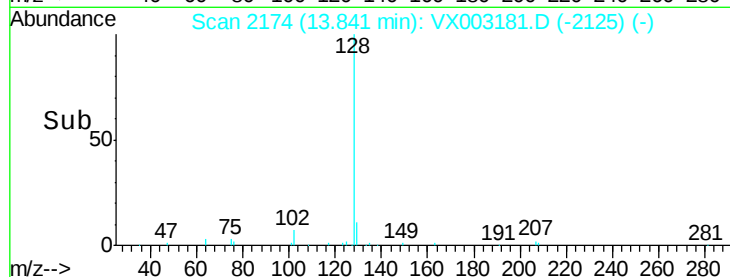
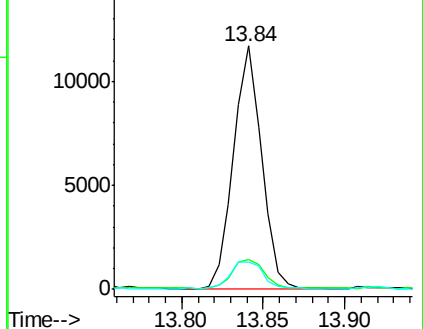
129 13.5 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.46 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003181.D

Acq: 05 Jul 2018 19:13

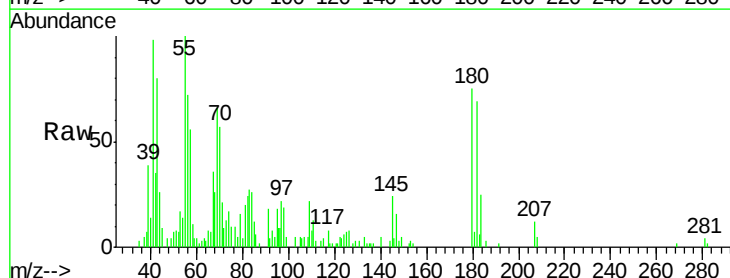
Tgt Ion:180 Resp: 2576

Ion Ratio Lower Upper

180 100

182 99.1 48.0 144.0

145 43.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

