

Data File : VX003117.D
Acq On : 01 Jul 2018 09:32
Operator : JC/MD
Sample : J3799-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ULMW-01

Quant Time: Jul 07 05:15:13 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

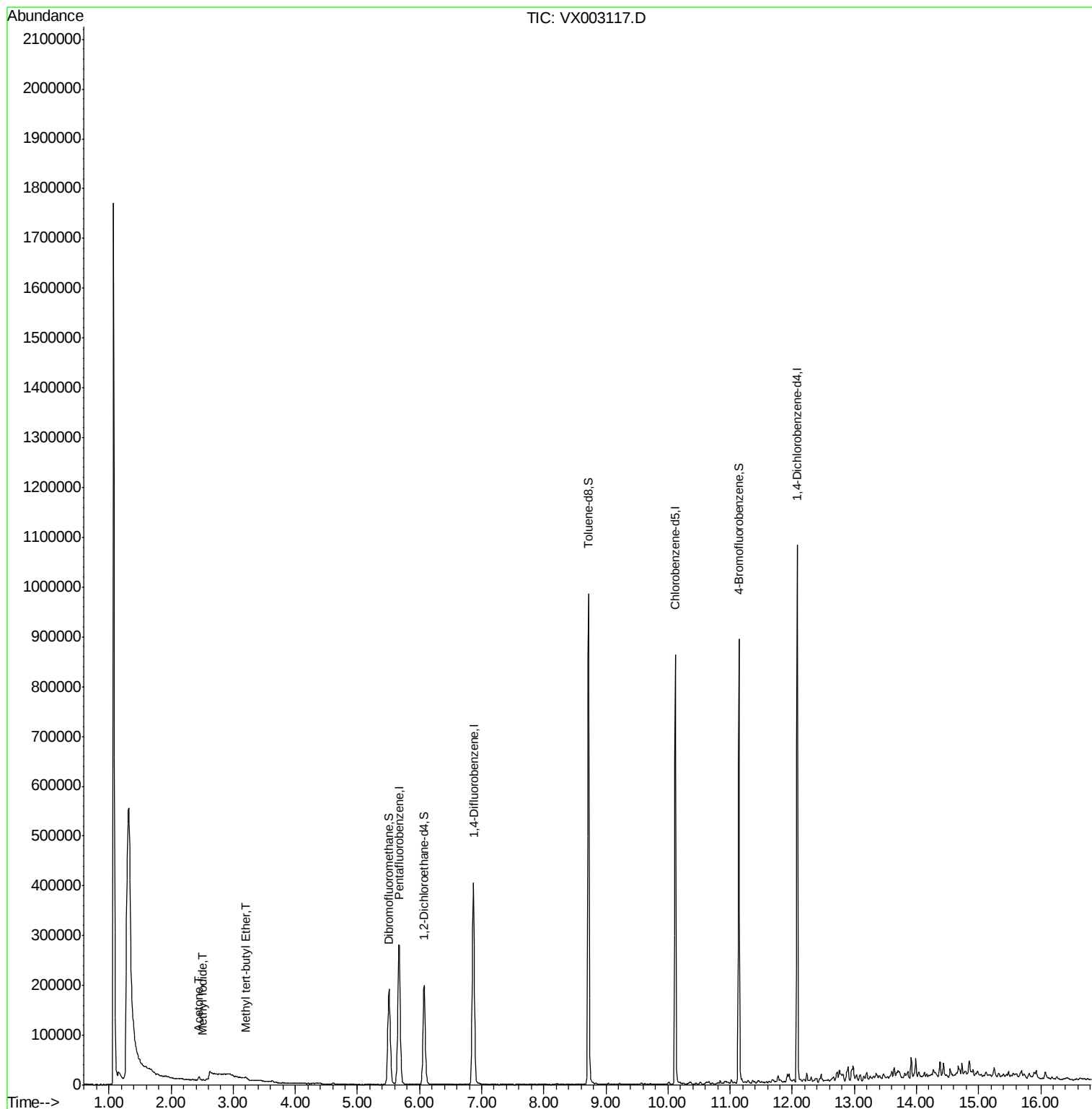
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	410341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	191981	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
35) Dibromofluoromethane	5.51	113	157126	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
50) Toluene-d8	8.72	98	572097	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	11.14	95	215584	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
Target Compounds						
10) Methyl Iodide	2.51	142	1337	6.584	ug/l #	94
16) Acetone	2.45	43	7541	4.523	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	4025	0.390	ug/l	94

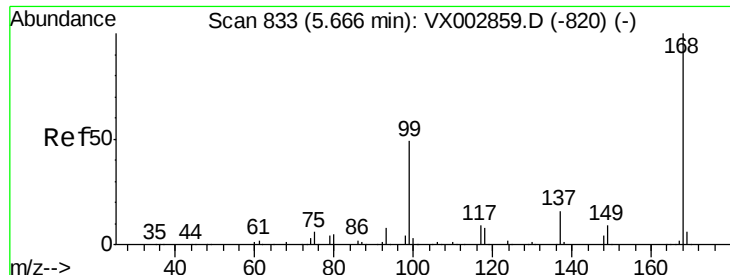
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003117.D

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MSVOA_X

ClientSampleId :

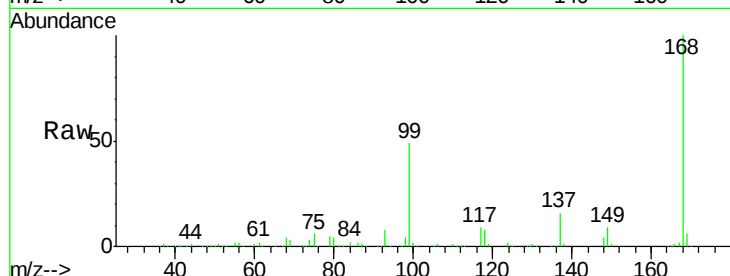
ULMW-01

Tgt Ion:168 Resp: 291265

Ion Ratio Lower Upper

168 100

99 48.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

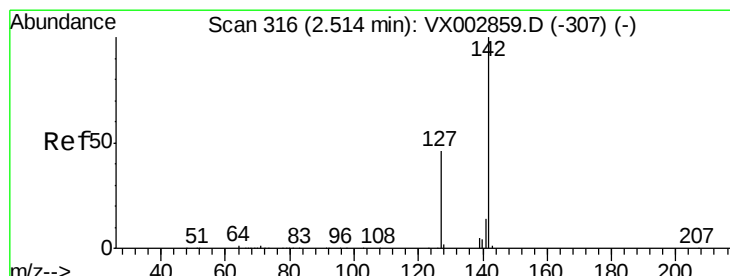
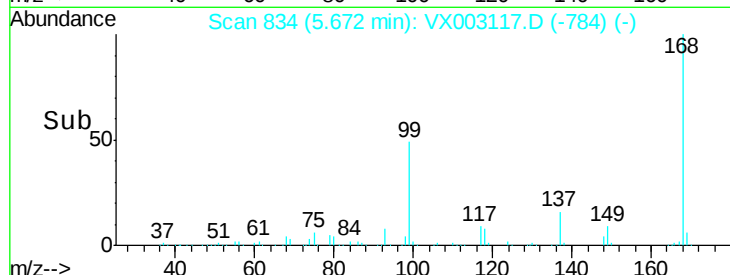
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 6.584 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:32

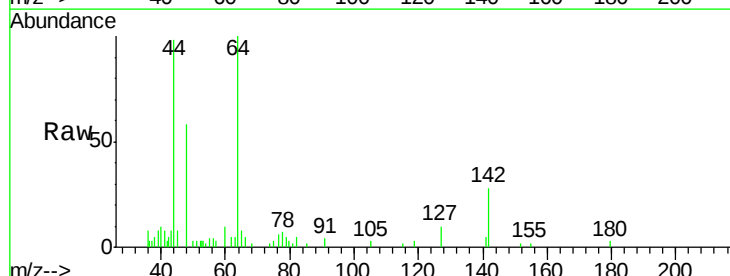
Tgt Ion:142 Resp: 1337

Ion Ratio Lower Upper

142 100

127 44.7 36.6 55.0

141 22.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.51

800

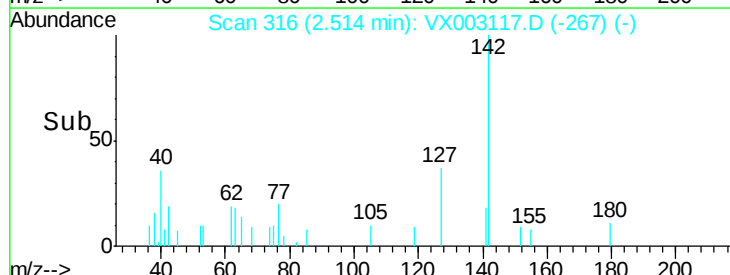
600

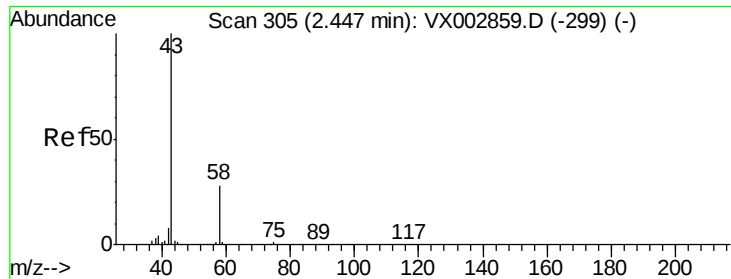
400

200

0

Time-->





#16

Acetone

Concen: 4.523 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

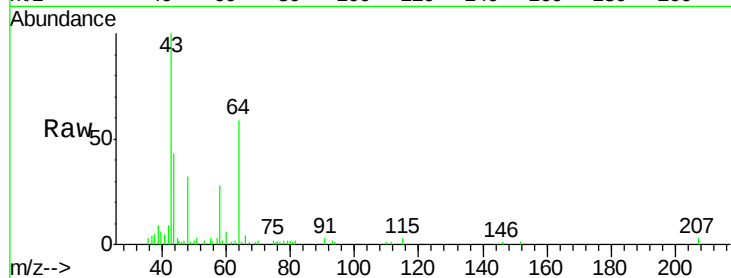
ULMW-01

Tgt Ion: 43 Resp: 7541

Ion Ratio Lower Upper

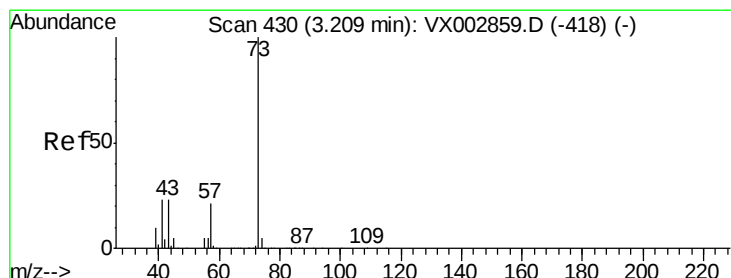
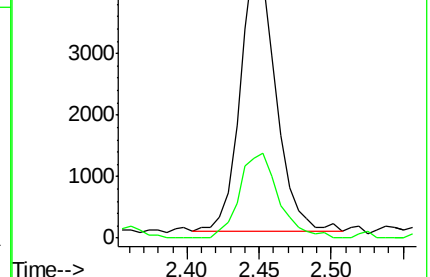
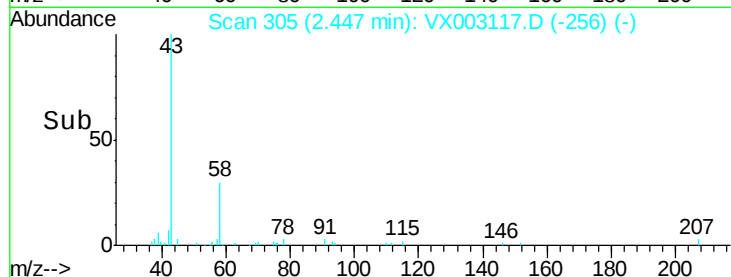
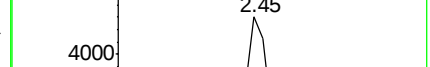
43 100

58 29.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.390 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX003117.D

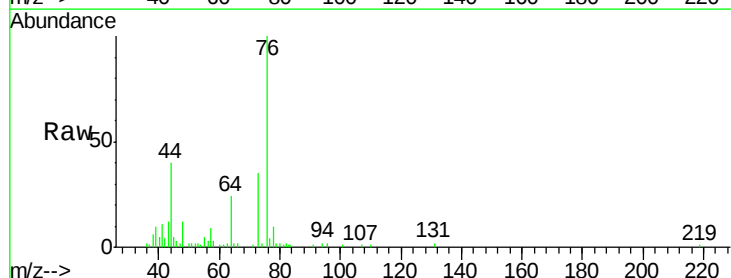
Acq: 01 Jul 2018 09:32

Tgt Ion: 73 Resp: 4025

Ion Ratio Lower Upper

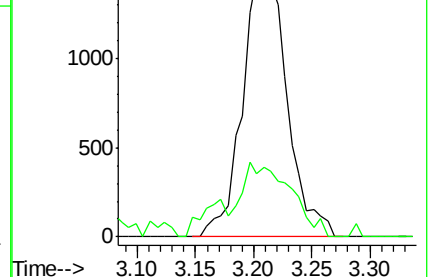
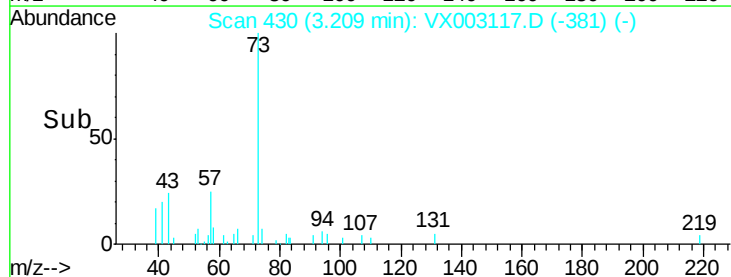
73 100

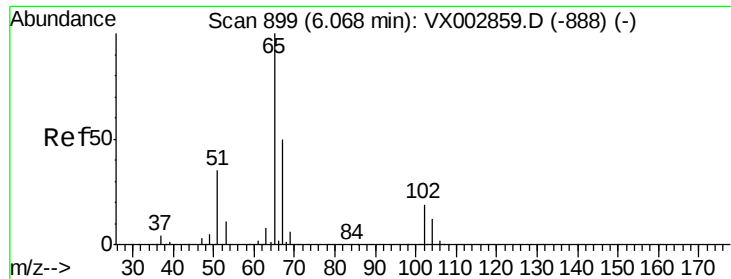
57 24.7 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.687 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

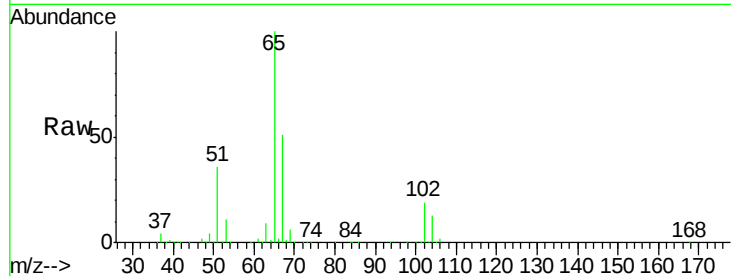
ULMW-01

Tgt Ion: 65 Resp: 191981

Ion Ratio Lower Upper

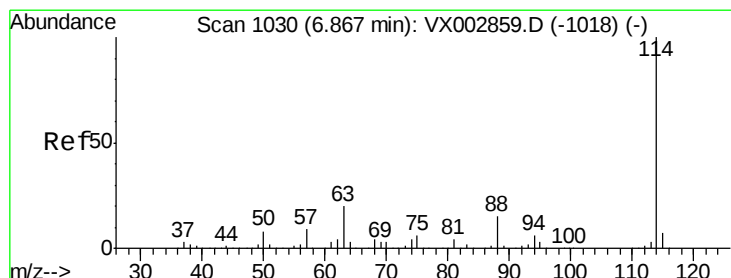
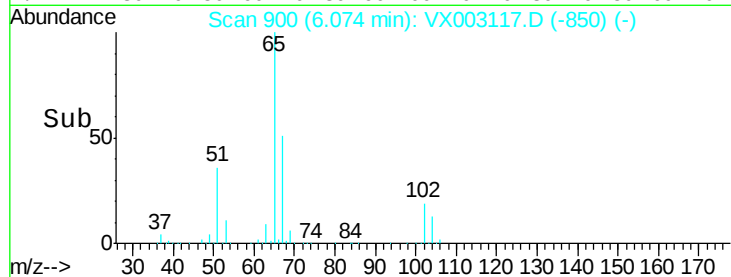
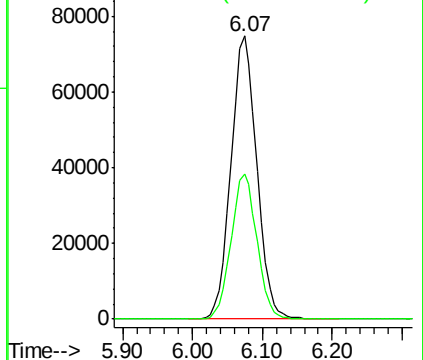
65 100

67 51.3 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:32

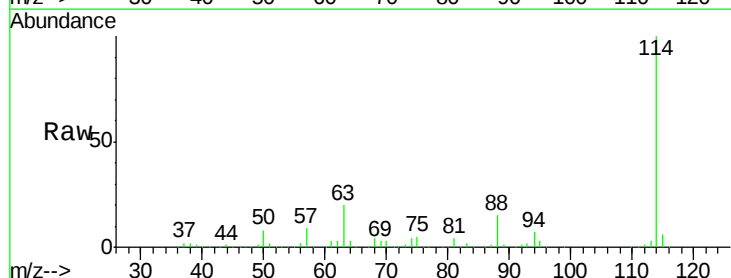
Tgt Ion: 114 Resp: 410341

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

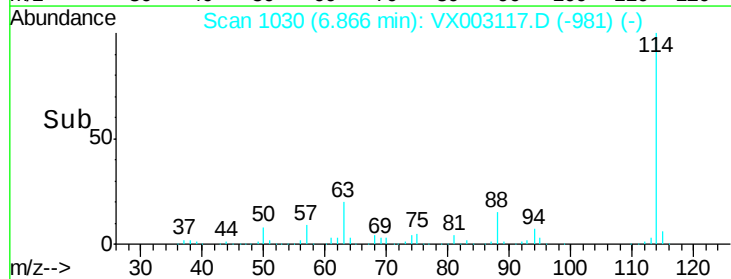
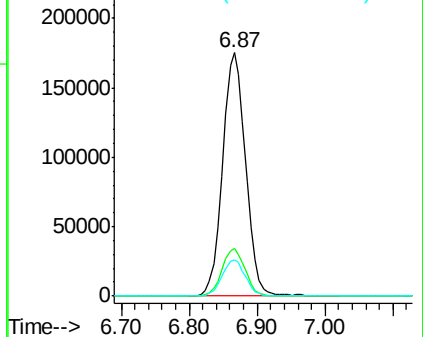
88 15.0 0.0 30.0

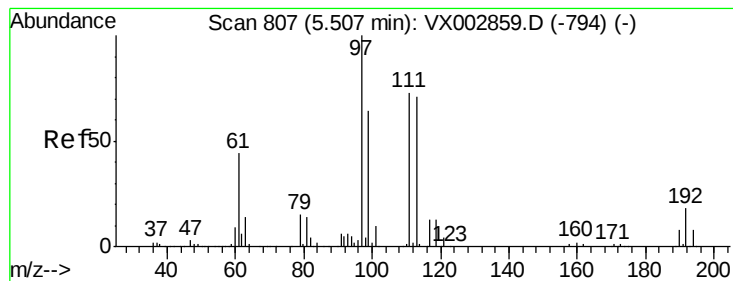


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.354 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

ULMW-01

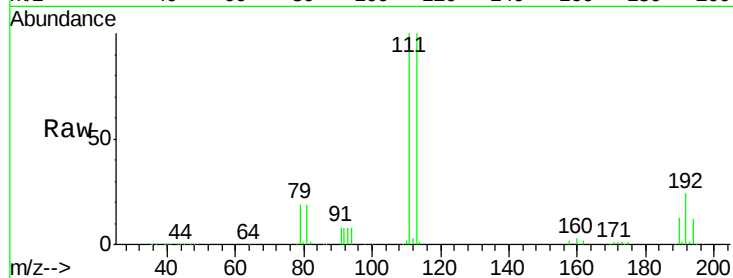
Tgt Ion:113 Resp: 157126

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

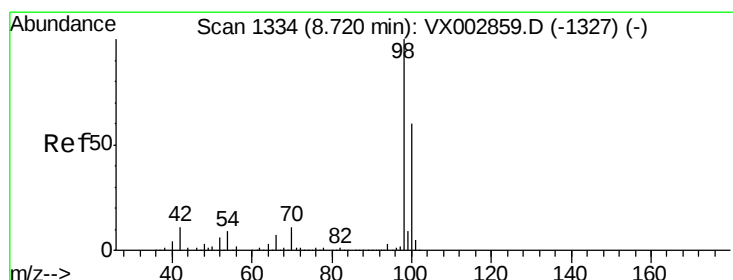
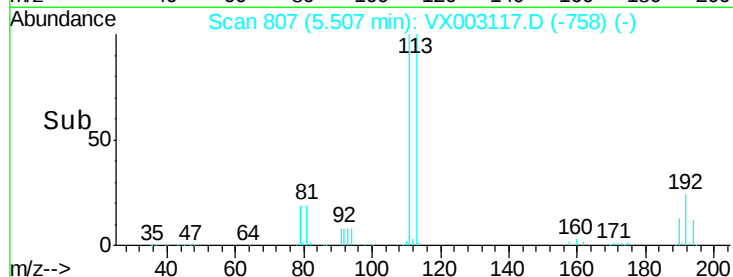
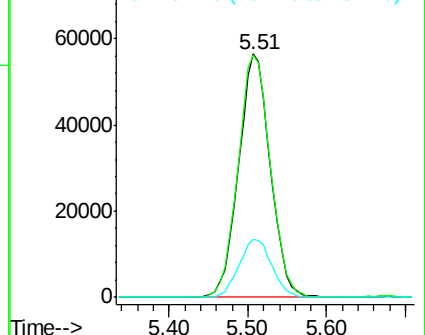
192 24.8 19.1 28.7



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: 48.211 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003117.D

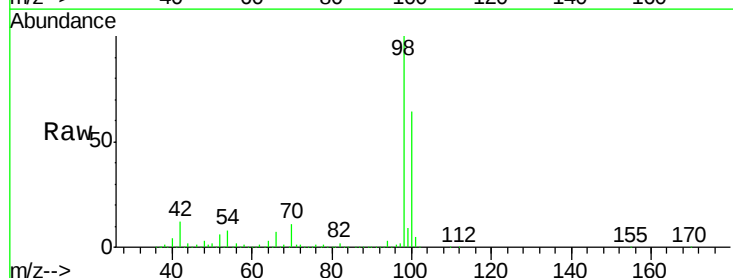
Acq: 01 Jul 2018 09:32

Tgt Ion: 98 Resp: 572097

Ion Ratio Lower Upper

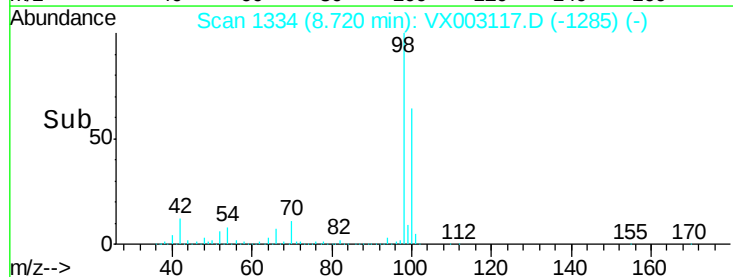
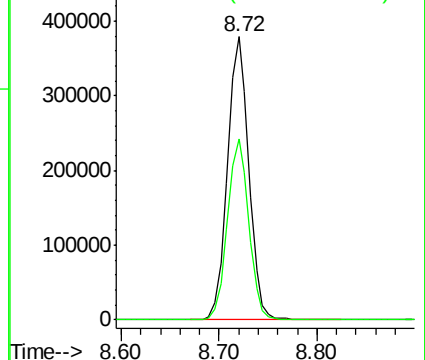
98 100

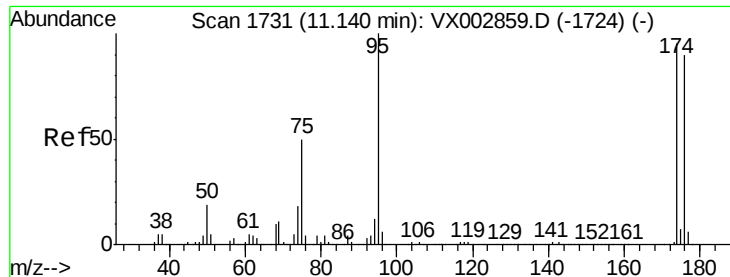
100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

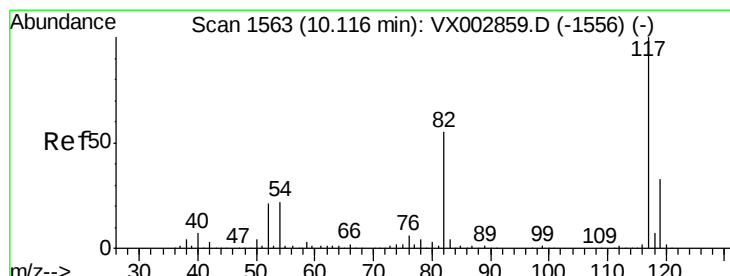
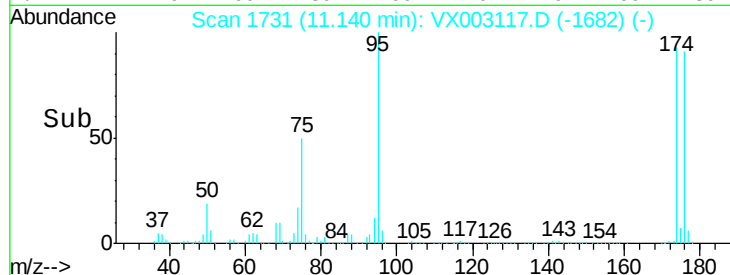
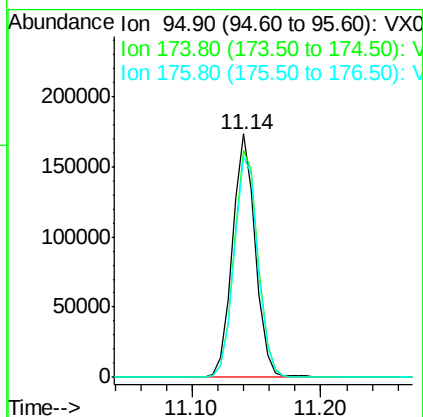
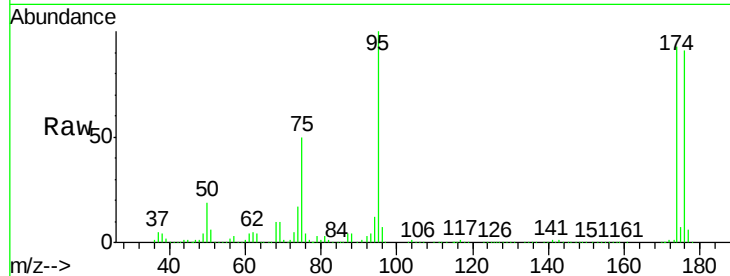




#62
4-Bromofluorobenzene
Concen: 47.108 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:32

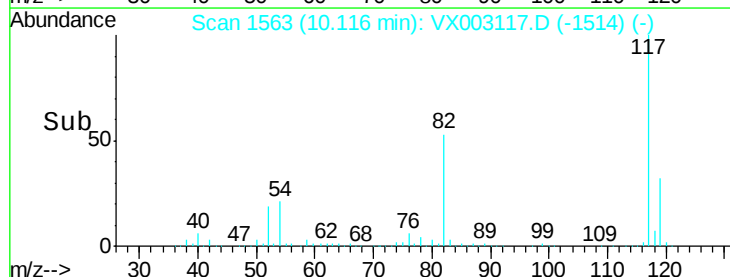
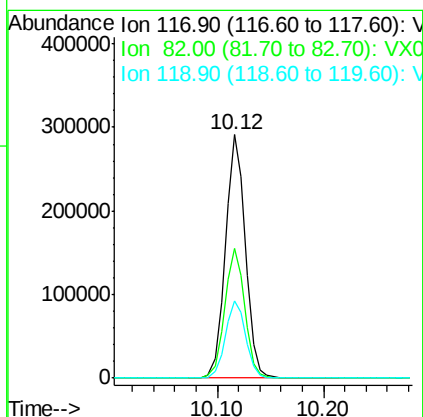
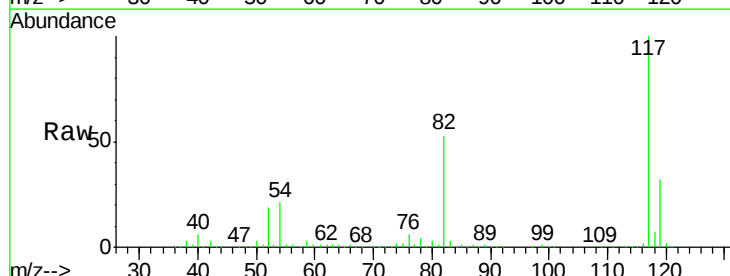
Instrument :
MSVOA_X
ClientSampleId :
ULMW-01

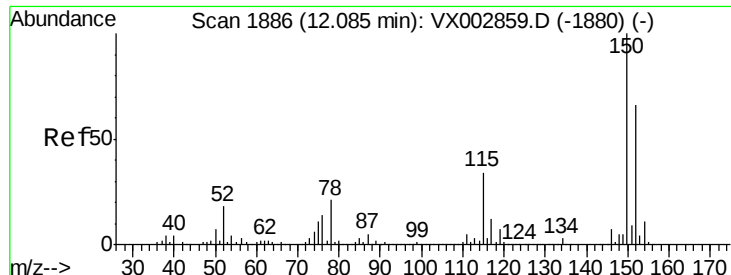
Tgt Ion: 95 Resp: 215584
Ion Ratio Lower Upper
95 100
174 97.5 0.0 187.4
176 94.2 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003117.D
Acq: 01 Jul 2018 09:32

Tgt Ion: 117 Resp: 381621
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003117.D

Acq: 01 Jul 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

ULMW-01

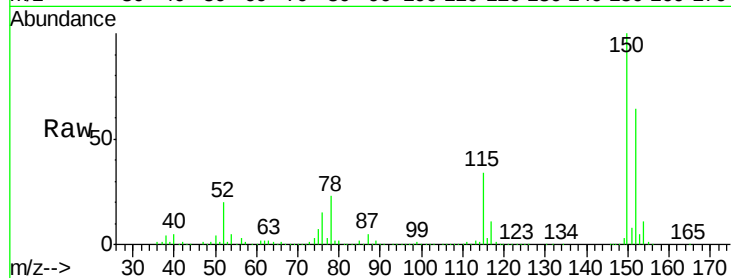
Tgt Ion:152 Resp: 226102

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

150 157.2 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

