

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005438.D
 Acq On : 17 Sep 2018 17:10
 Operator : SY/AP
 Sample : J4942-01
 Misc : 4.81G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB32727RT

Quant Time: Sep 18 01:59:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

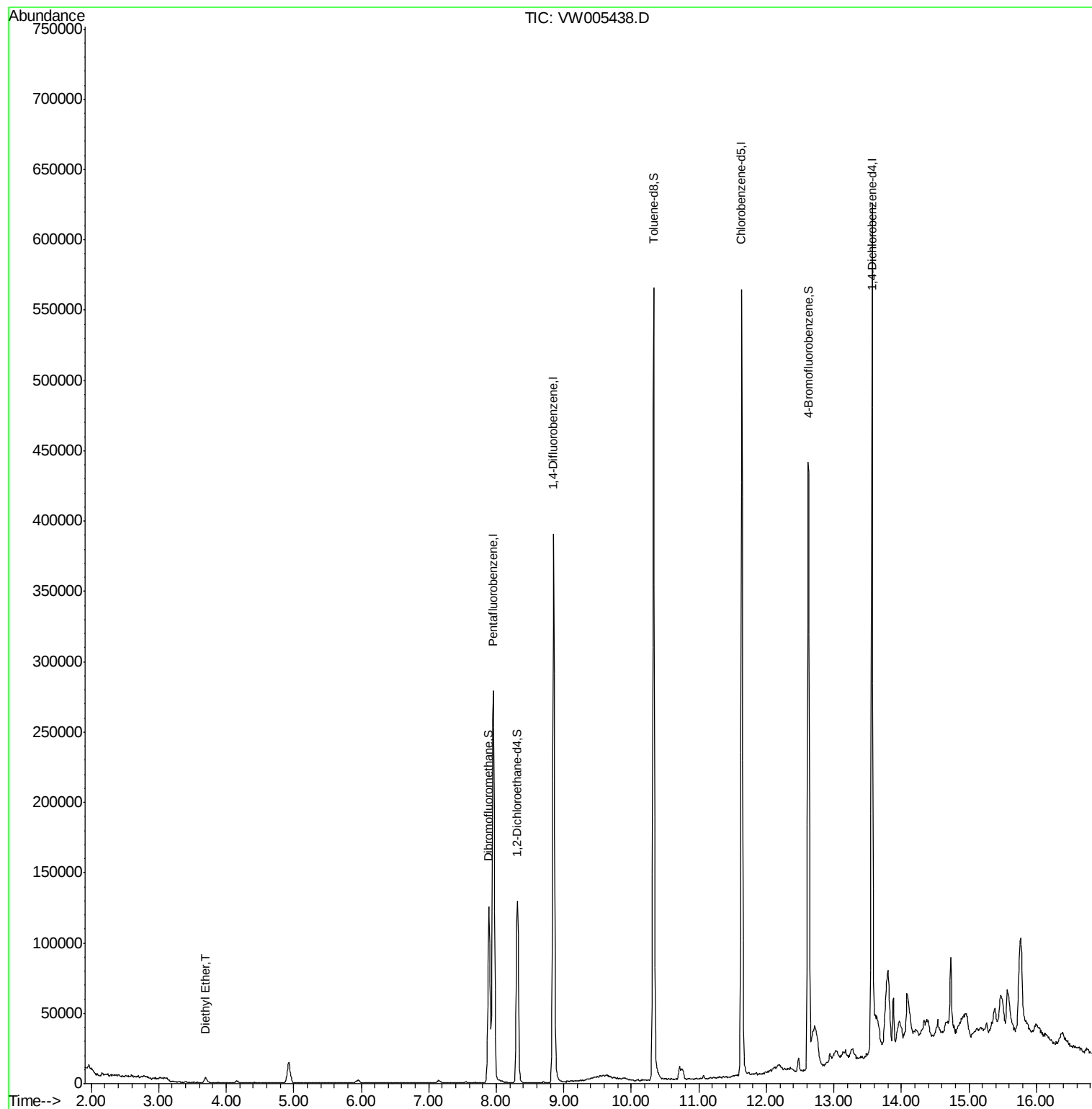
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	211818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	325562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	316203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109811	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.89	113	87981	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.33	98	379063	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
62) 4-Bromofluorobenzene	12.62	95	141673	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
Target Compounds						
8) Diethyl Ether	3.68	74	1771	1.92	ug/l	Qvalue 87

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005438.D

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Instrument :

MSVOA_W

ClientSampleId :

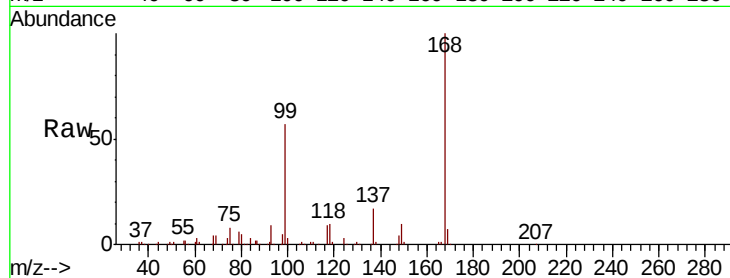
RB32727RT

Tot Ion:168 Resp: 211818

Ion Ratio Lower Upper

168 100

99 56.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

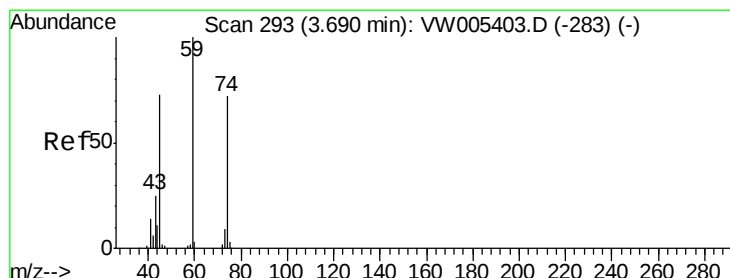
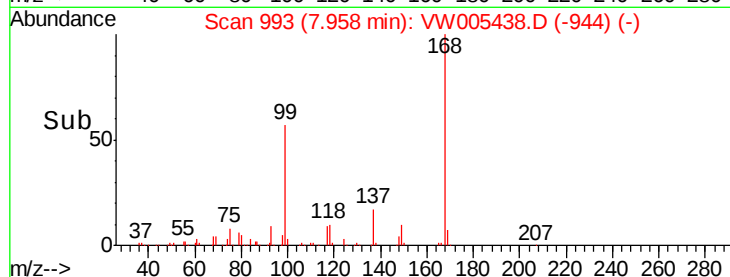
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.92 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW005438.D

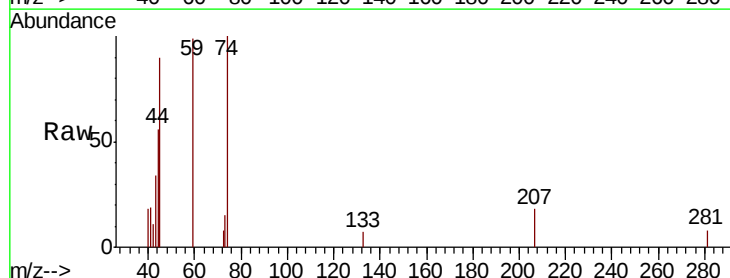
Acq: 17 Sep 2018 17:10

Tgt Ion: 74 Resp: 1771

Ion Ratio Lower Upper

74 100

45 119.4 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

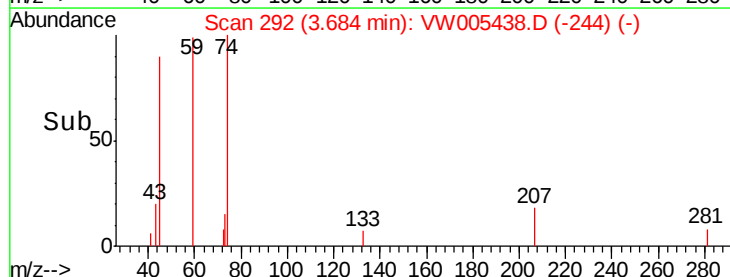
600

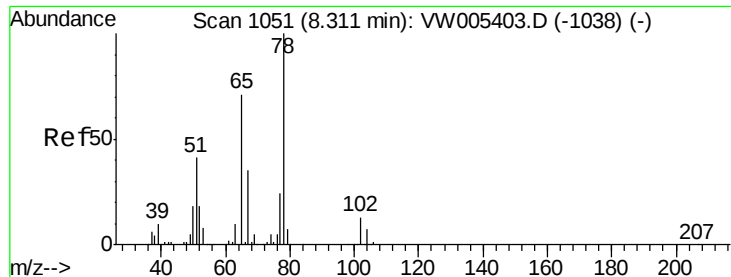
400

200

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.94 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005438.D

Acq: 17 Sep 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

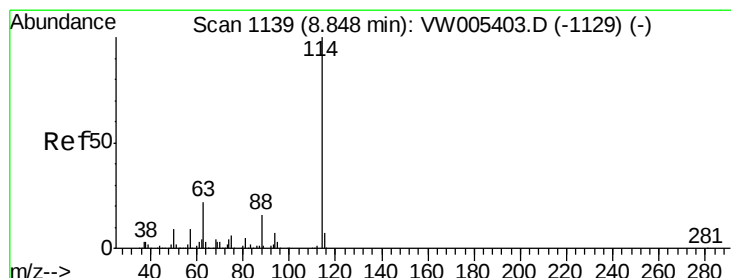
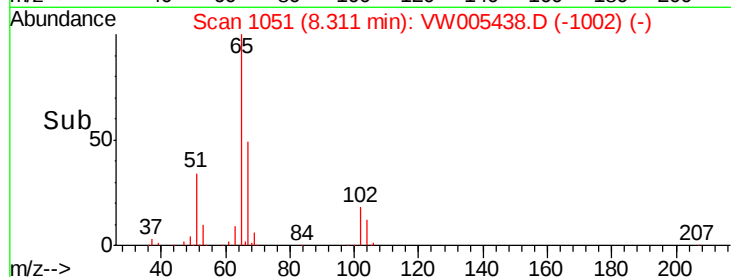
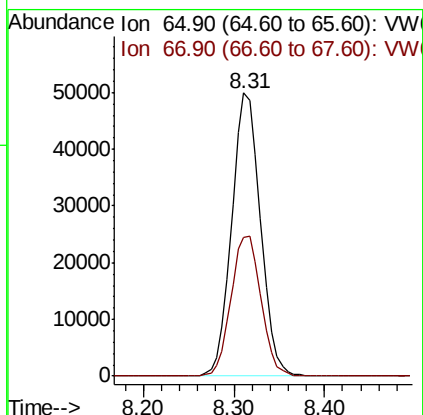
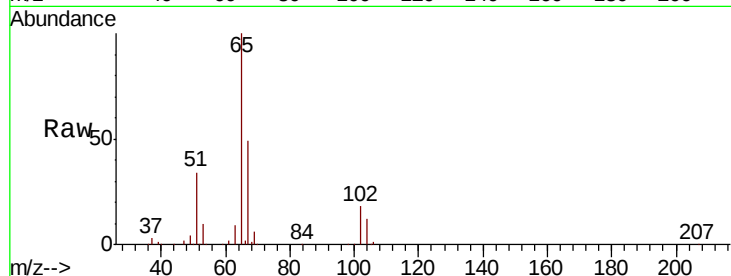
RB32727RT

Tot Ion: 65 Resp: 109811

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005438.D

Acq: 17 Sep 2018 17:10

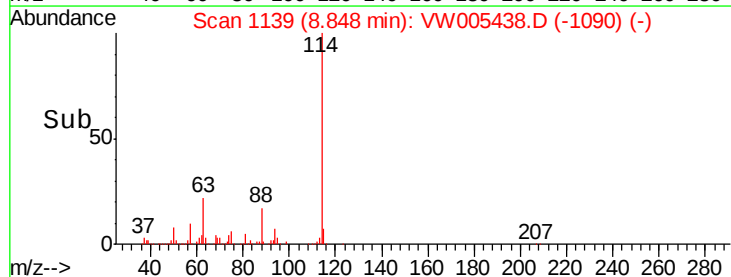
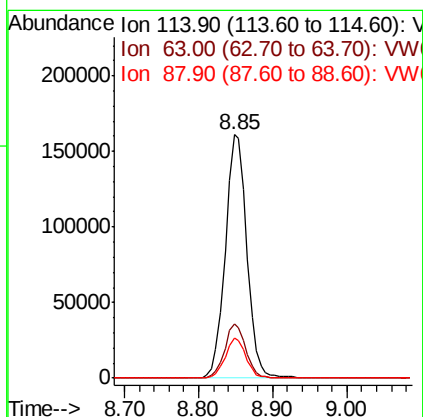
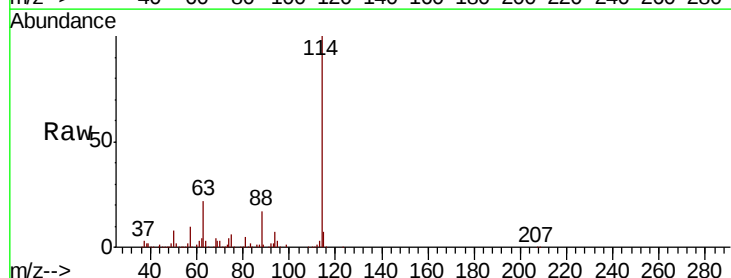
Tgt Ion: 114 Resp: 325562

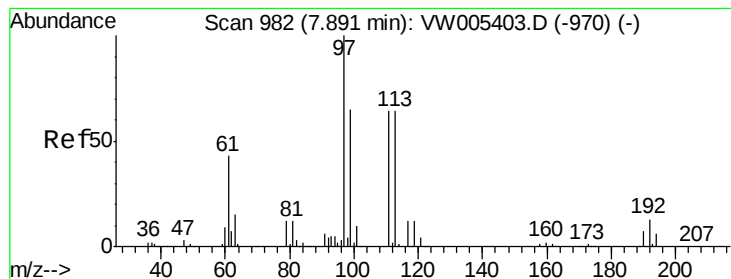
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.20 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005438.D

Acq: 17 Sep 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

RB32727RT

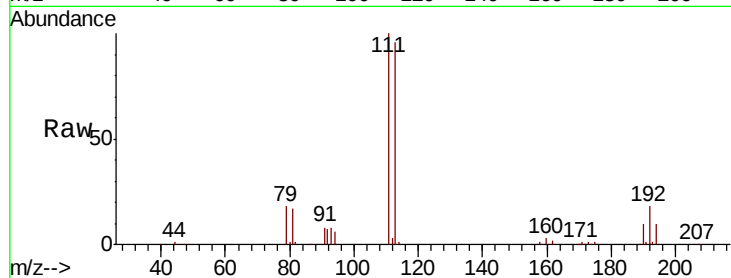
Tot Ion:113 Resp: 87981

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

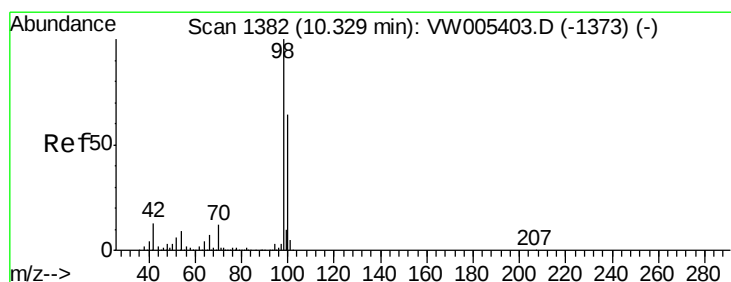
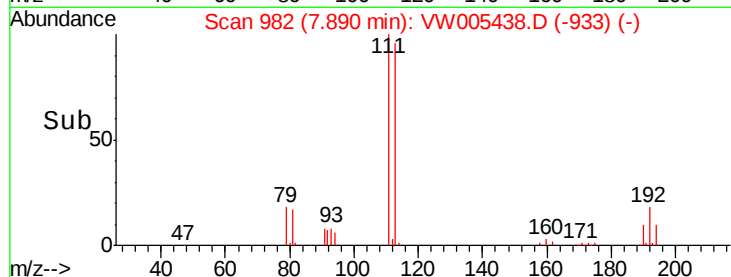
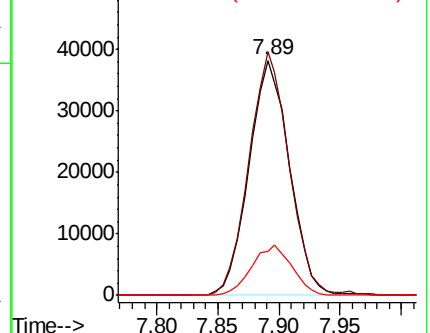
192 21.3 16.5 24.7



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: 45.35 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005438.D

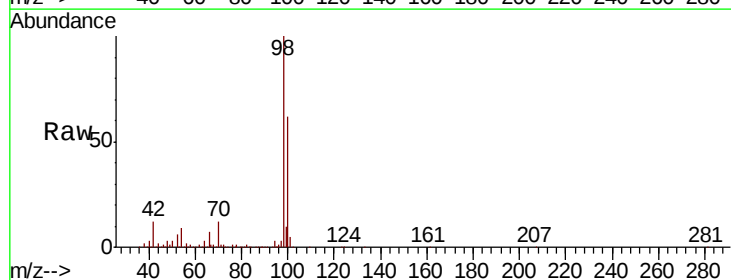
Acq: 17 Sep 2018 17:10

Tgt Ion: 98 Resp: 379063

Ion Ratio Lower Upper

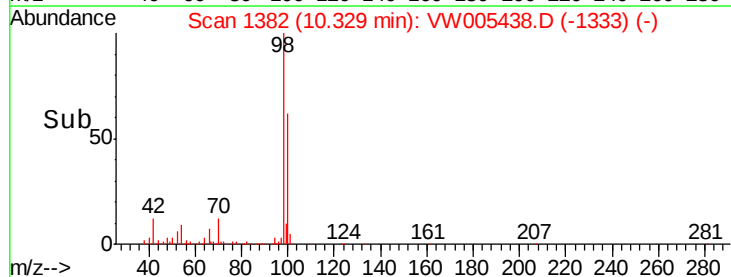
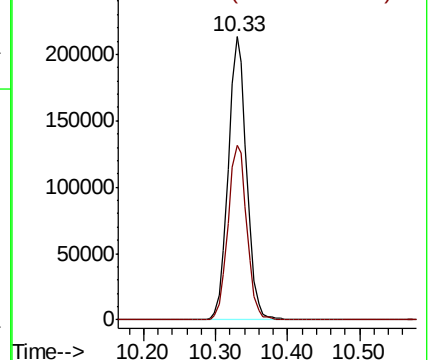
98 100

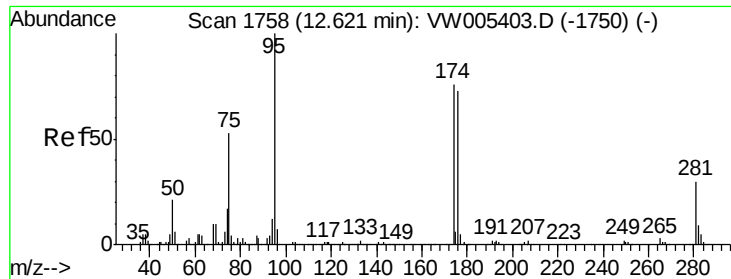
100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): V

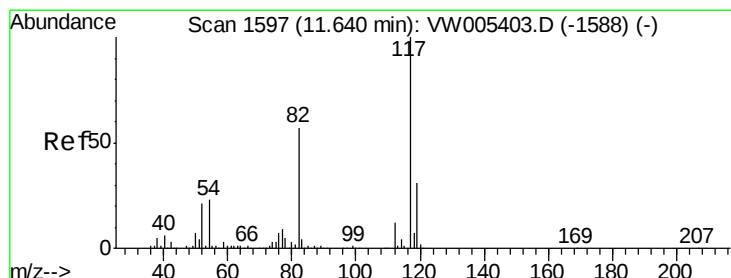
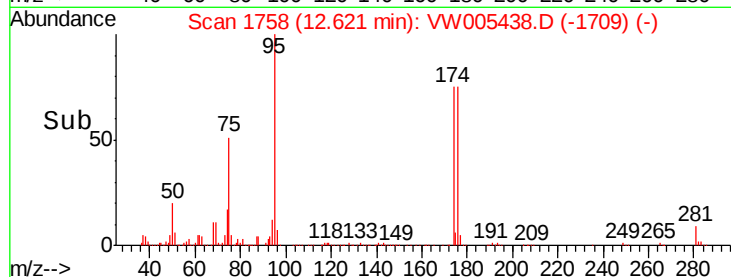
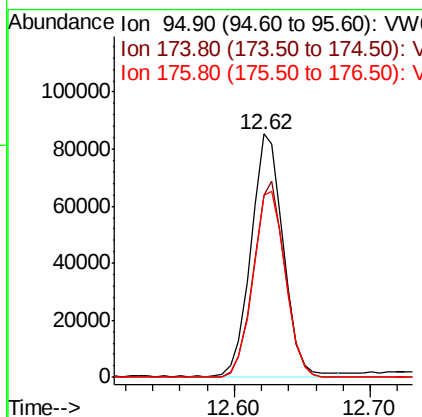
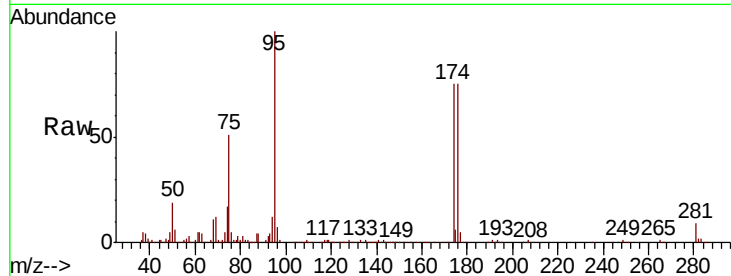




#62
4-Bromofluorobenzene
Concen: 46.22 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005438.D
Acq: 17 Sep 2018 17:10

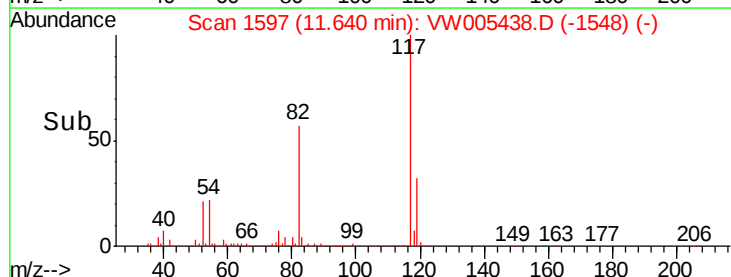
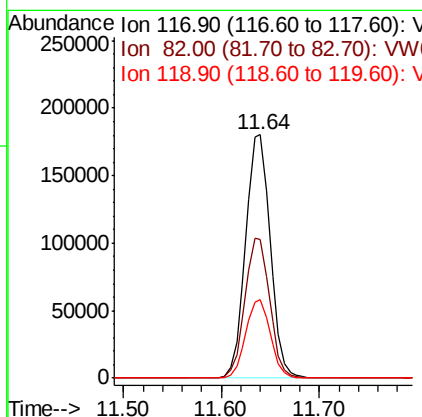
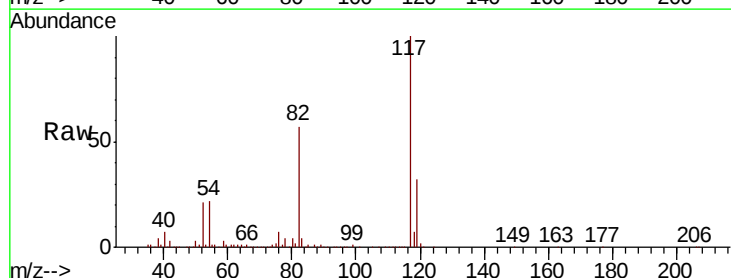
Instrument :
MSVOA_W
ClientSampled :
RB32727RT

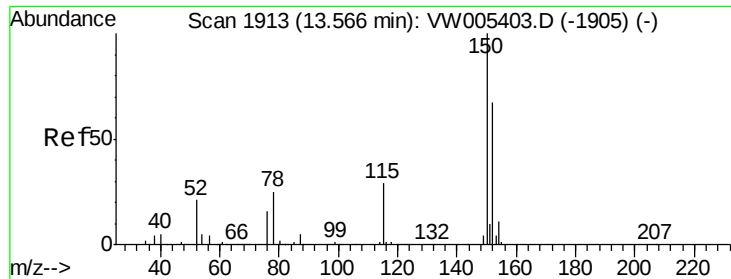
Tot Ion: 95 Resp: 141673
Ion Ratio Lower Upper
95 100
174 78.5 0.0 161.2
176 76.9 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005438.D
Acq: 17 Sep 2018 17:10

Tgt Ion: 117 Resp: 316203
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 32.0 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005438.D

Acq: 17 Sep 2018 17:10

Instrument :

MSVOA_W

ClientSampleId :

RB32727RT

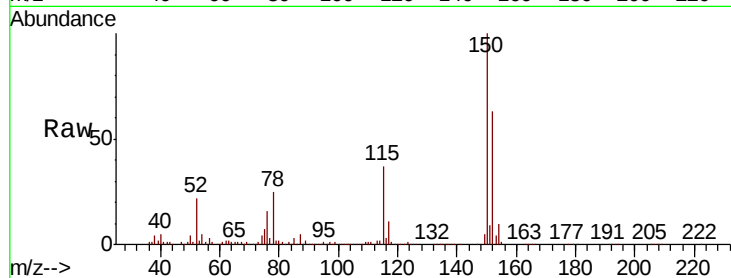
Tot Ion:152 Resp: 153622

Ion Ratio Lower Upper

152 100

115 59.1 29.5 88.5

150 155.3 0.0 345.6



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

