

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005462.D
 Acq On : 18 Sep 2018 05:52
 Operator : SY/AP
 Sample : J4941-01RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB47199RTRE

Quant Time: Sep 18 07:14:08 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	264444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	446397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	349917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	114469	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	128838	46.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.88%	
35) Dibromofluoromethane	7.89	113	103213	41.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.48%	
50) Toluene-d8	10.33	98	340211	29.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	59.36%	
62) 4-Bromofluorobenzene	12.63	95	120105	28.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	57.16%	

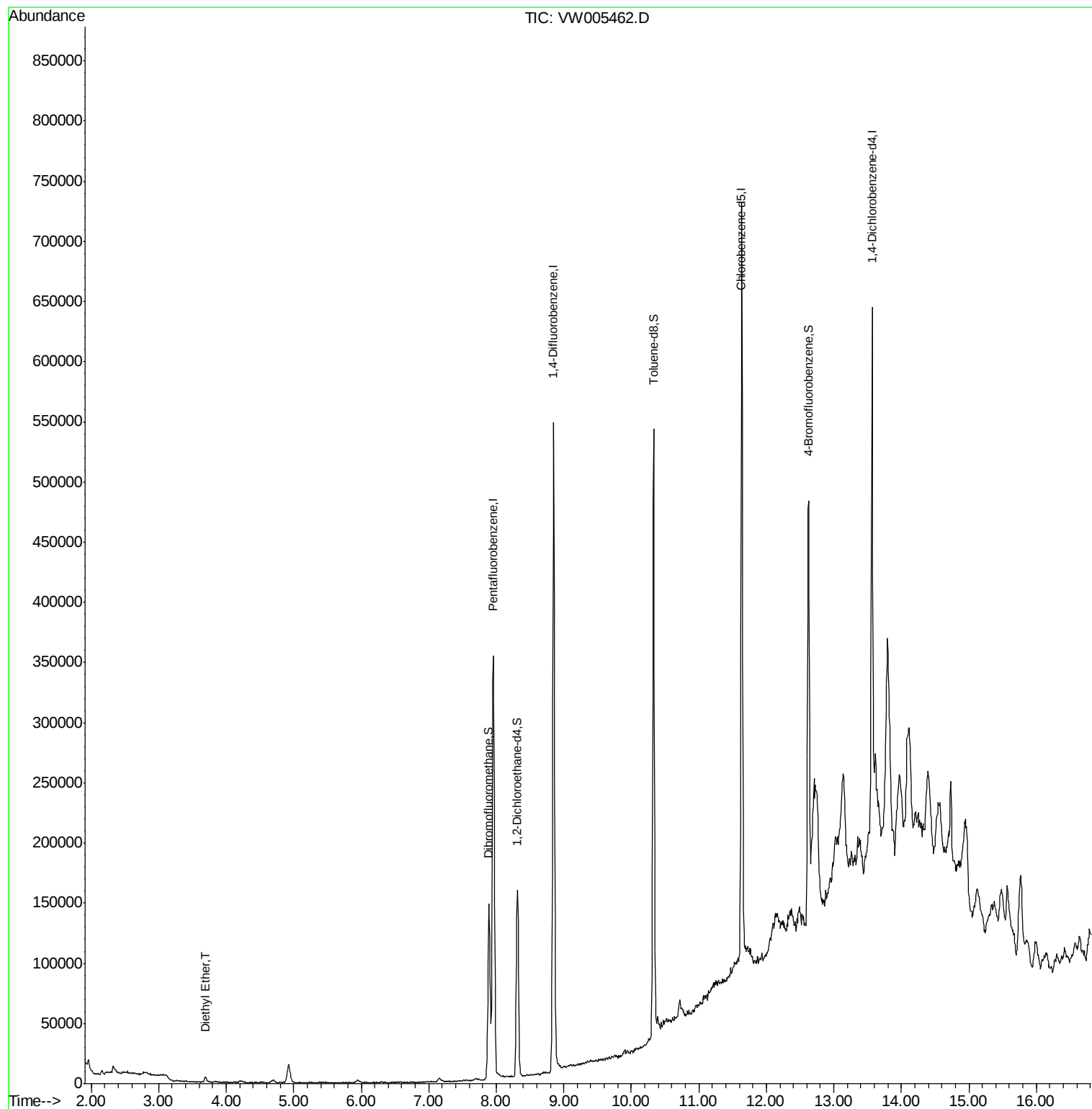
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.70	74	2111	1.83	ug/l	79

(#) = 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: VW005462.D

Acq: 18 Sep 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

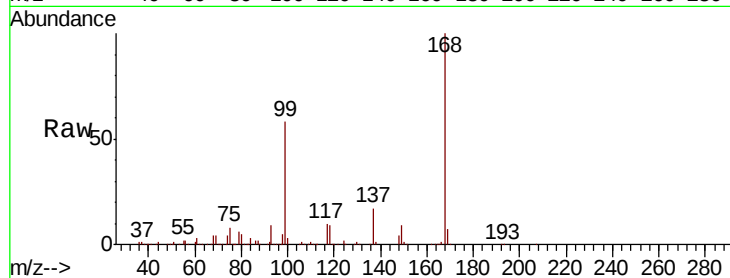
RB47199RTRE

Tot Ion:168 Resp: 264444

Ion Ratio Lower Upper

168 100

99 57.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

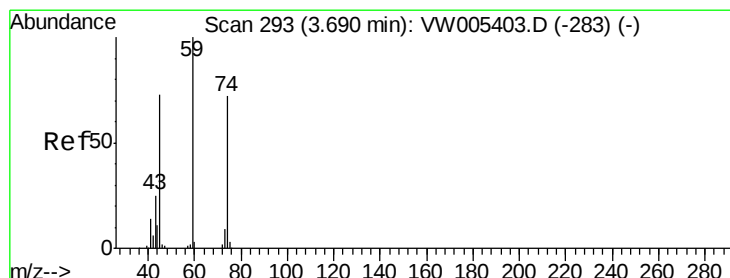
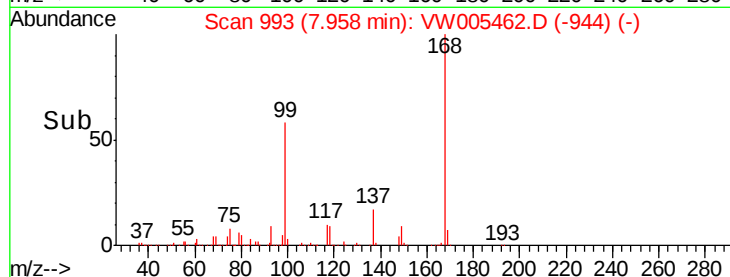
7.96

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.83 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW005462.D

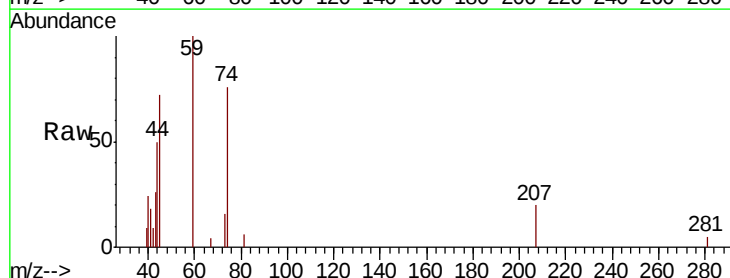
Acq: 18 Sep 2018 05:52

Tgt Ion: 74 Resp: 2111

Ion Ratio Lower Upper

74 100

45 127.6 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

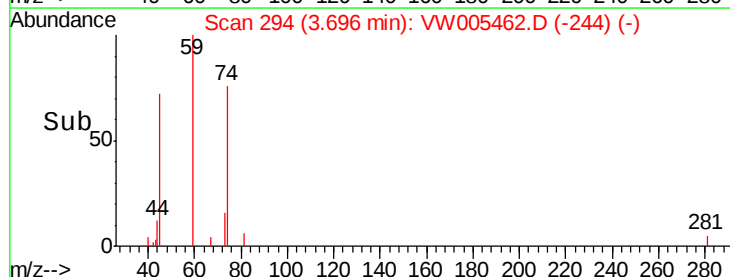
3.70

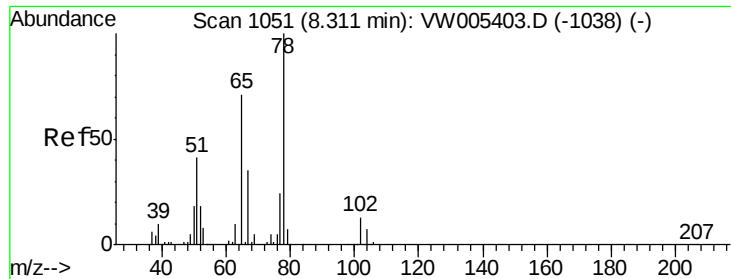
1000

500

0

Time-->

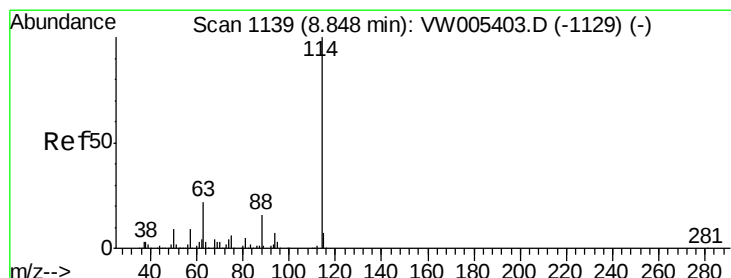
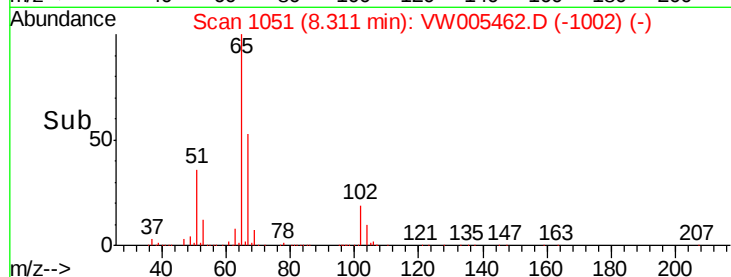
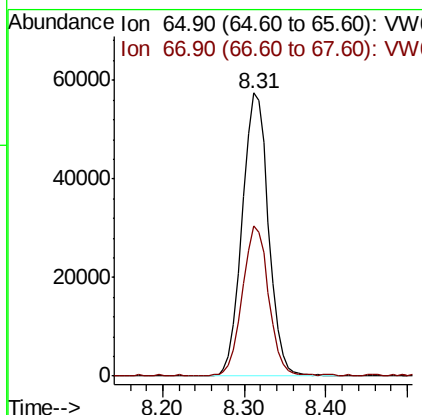
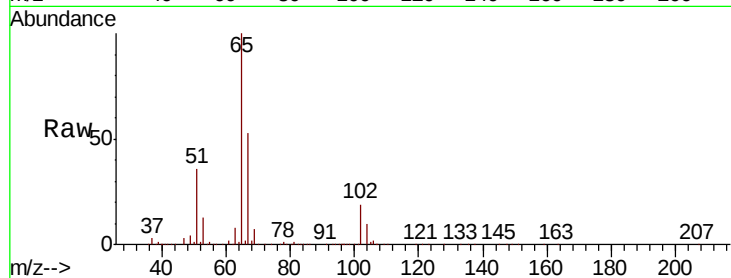




#33
 1,2-Dichloroethane-d4
 Concen: 46.94 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005462.D
 Acq: 18 Sep 2018 05:52

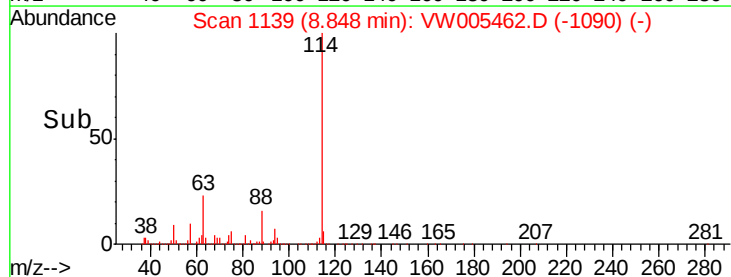
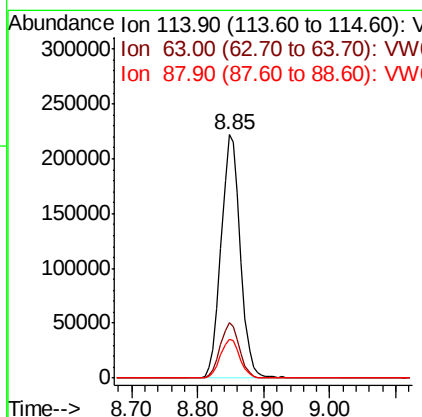
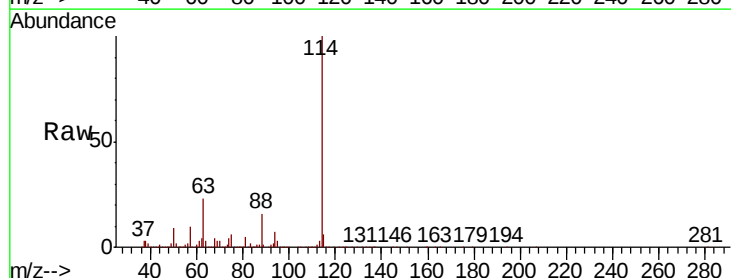
Instrument :
 MSVOA_W
 ClientSampleId :
 RB47199RTRE

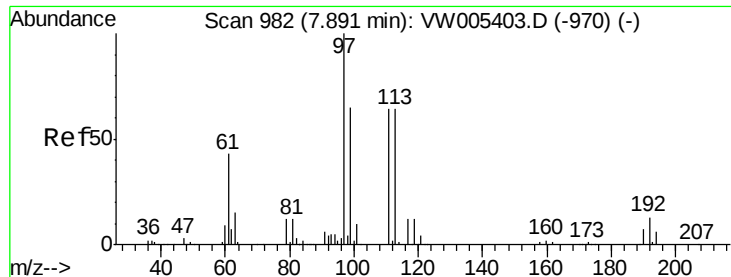
Tot Ion: 65 Resp: 128838
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005462.D
 Acq: 18 Sep 2018 05:52

Tgt Ion: 114 Resp: 446397
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.4
 88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 41.24 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005462.D

Acq: 18 Sep 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

RB47199RTRE

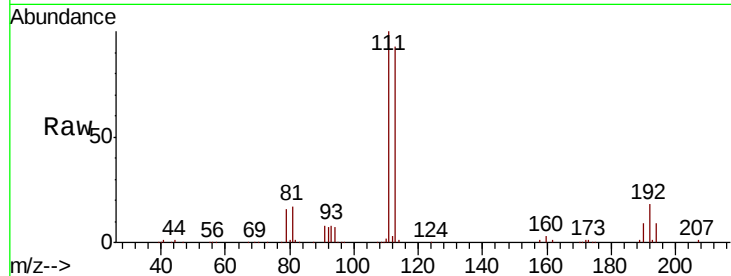
Tot Ion:113 Resp: 103213

Ion Ratio Lower Upper

113 100

111 104.5 82.3 123.5

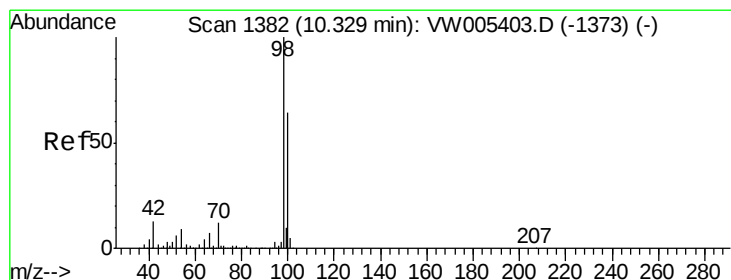
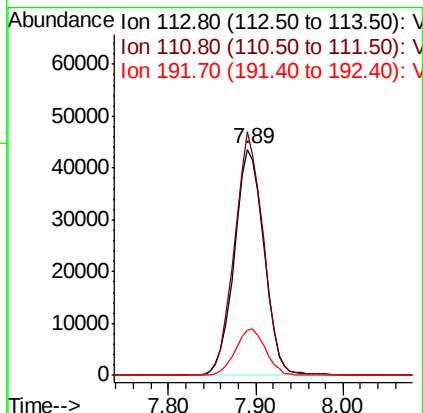
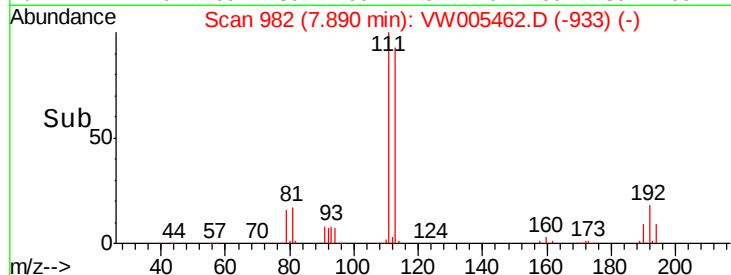
192 20.6 16.5 24.7



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: 29.68 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005462.D

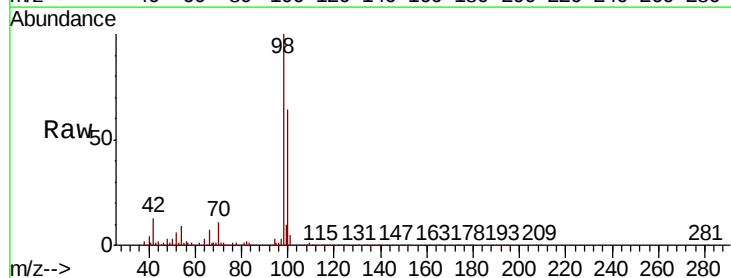
Acq: 18 Sep 2018 05:52

Tgt Ion: 98 Resp: 340211

Ion Ratio Lower Upper

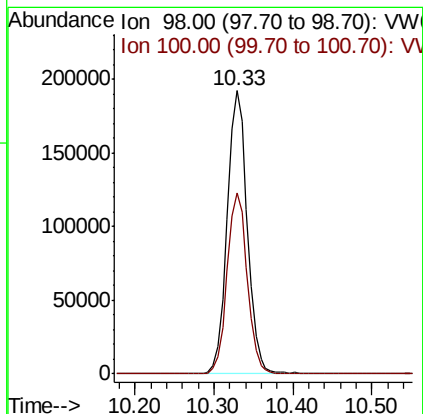
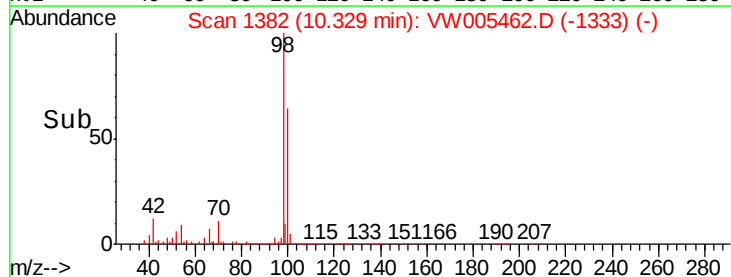
98 100

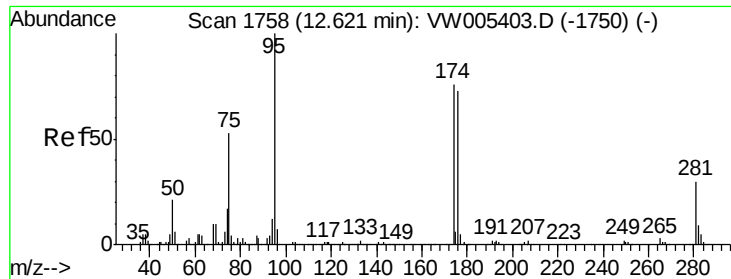
100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

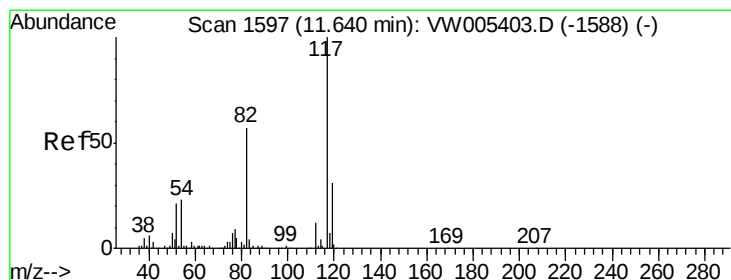
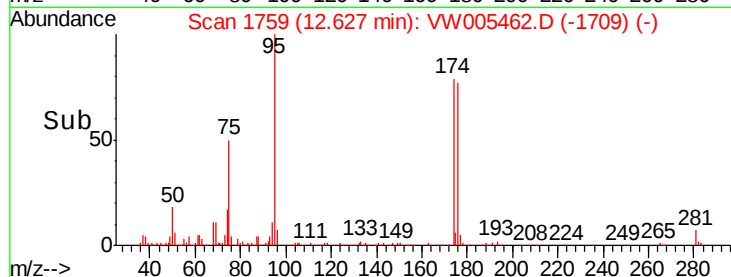
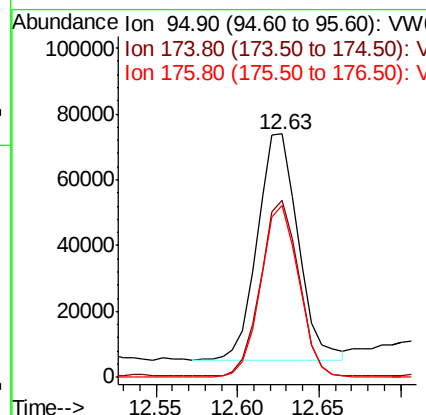
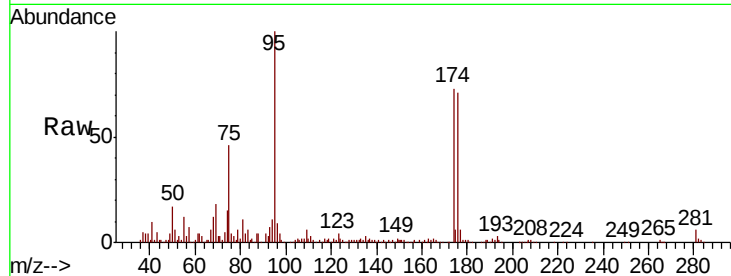




#62
4-Bromofluorobenzene
Concen: 28.58 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005462.D
Acq: 18 Sep 2018 05:52

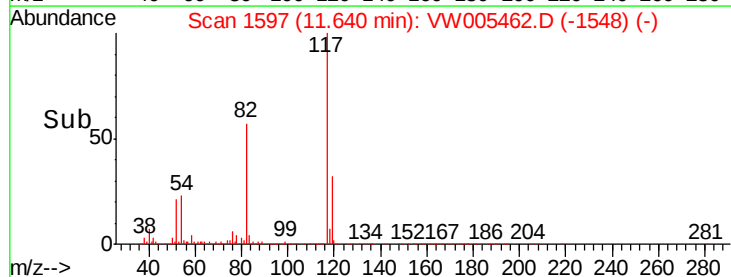
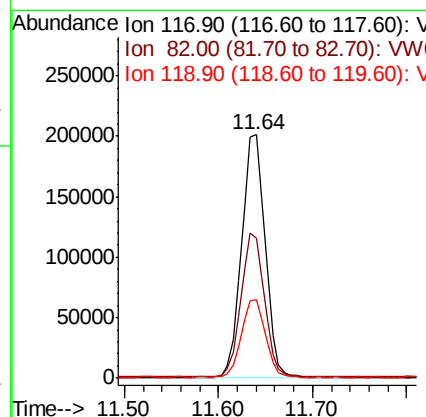
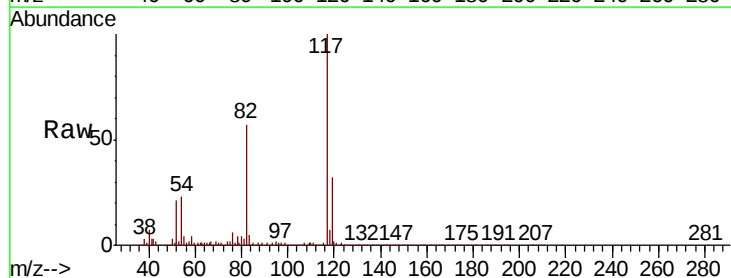
Instrument :
MSVOA_W
ClientSampleId :
RB47199RTRE

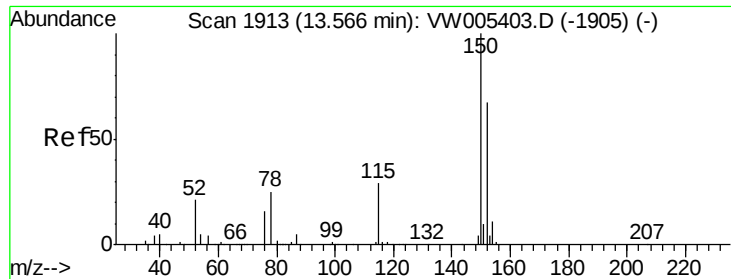
Tot Ion: 95 Resp: 120105
Ion Ratio Lower Upper
95 100
174 72.5 0.0 161.2
176 70.6 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005462.D
Acq: 18 Sep 2018 05:52

Tgt Ion: 117 Resp: 349917
Ion Ratio Lower Upper
117 100
82 57.0 45.9 68.9
119 32.1 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: VW005462.D

Acq: 18 Sep 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

RB47199RTRE

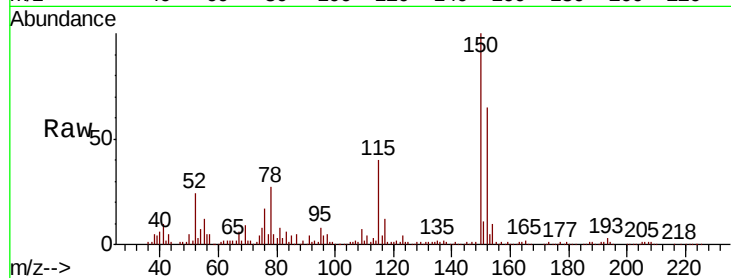
Tot Ion:152 Resp: 114469

Ion Ratio Lower Upper

152 100

115 59.6 29.5 88.5

150 153.9 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

150000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

