

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006747.D
 Acq On : 07 Nov 2018 19:59
 Operator : SY/AP
 Sample : J5745-16
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 8A

Quant Time: Nov 09 10:31:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	170663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	136565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	56997	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	34672	31.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.54%	
35) Dibromofluoromethane	7.88	113	38917	36.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.68%	
50) Toluene-d8	10.33	98	133048	32.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.26%	
62) 4-Bromofluorobenzene	12.62	95	36813	24.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.80%	

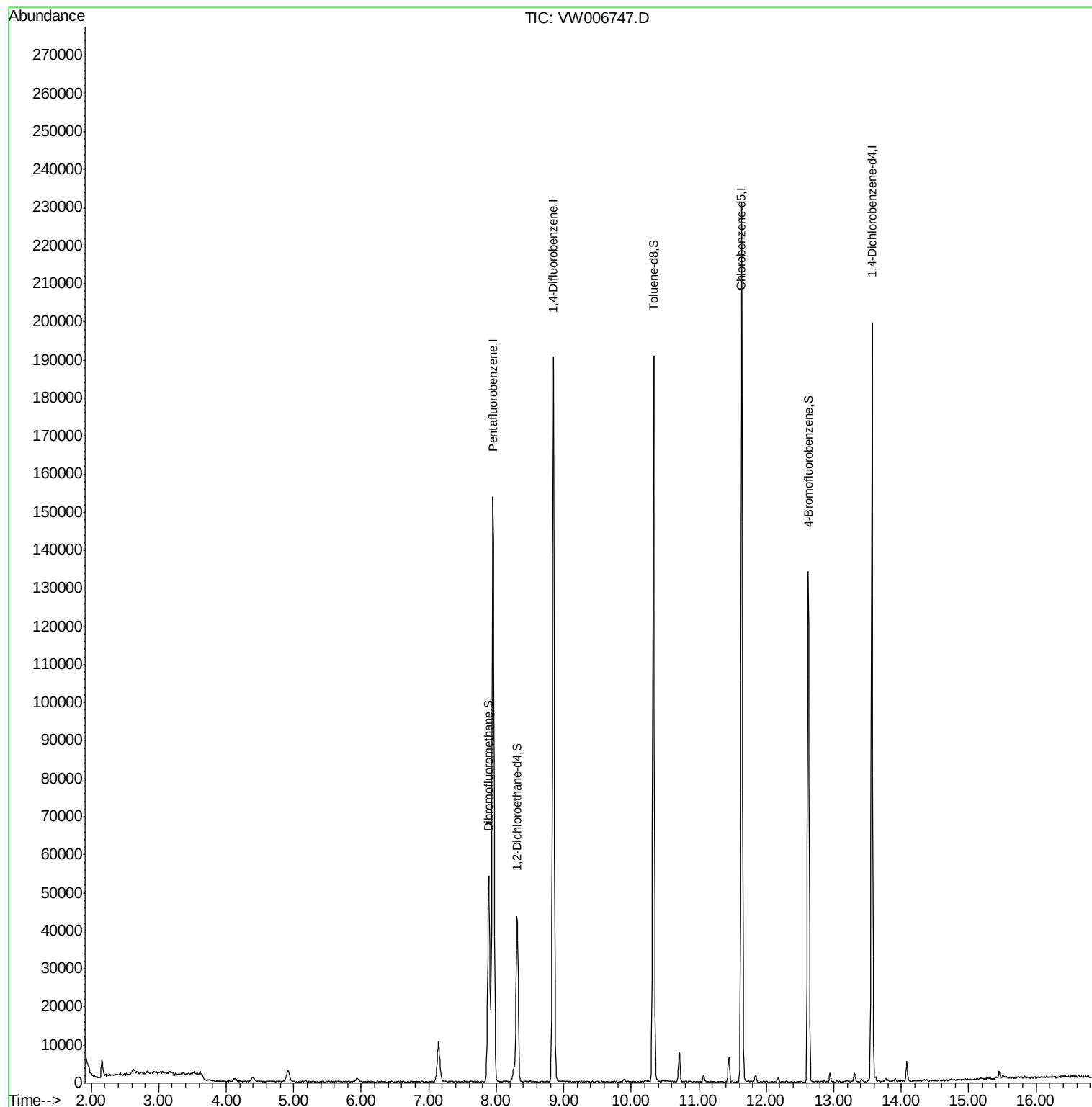
Target Compounds	Qvalue

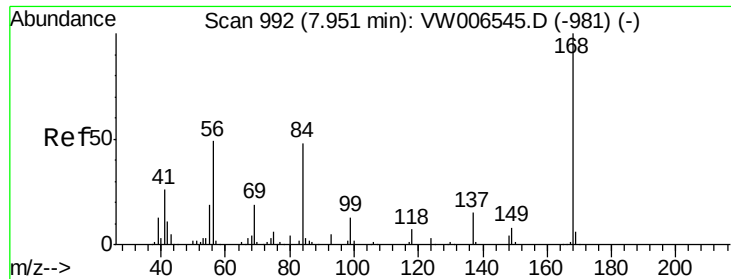
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006747.D

Acq: 07 Nov 2018 19:59

Instrument :

MSVOA_W

ClientSampled :

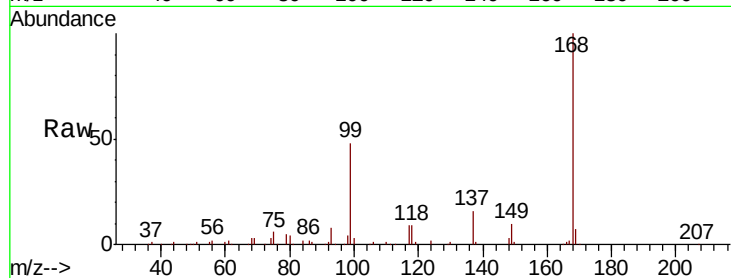
8A

Tot Ion:168 Resp: 126949

Ion Ratio Lower Upper

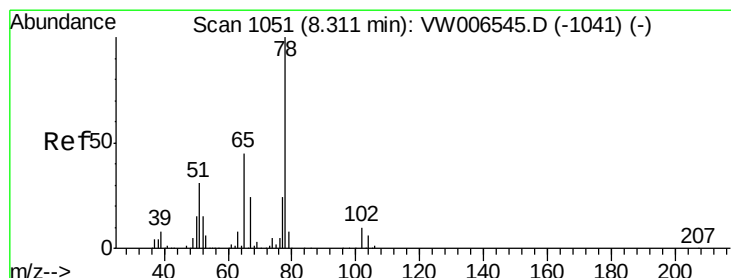
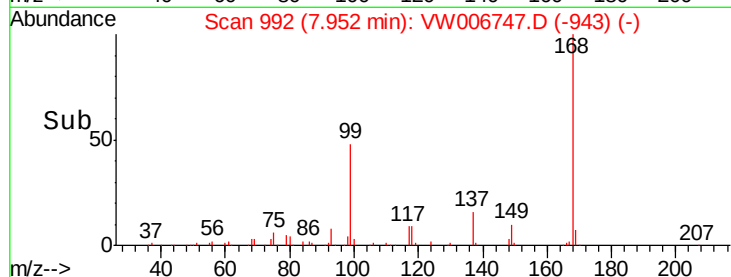
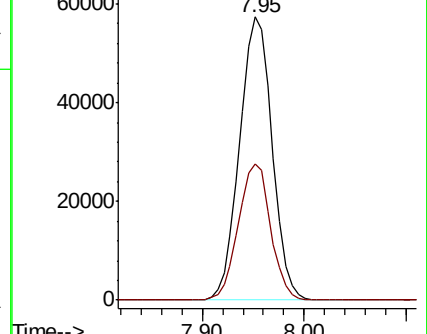
168 100

99 48.3 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 31.773 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006747.D

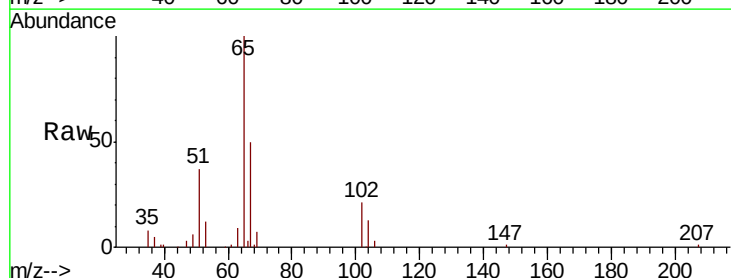
Acq: 07 Nov 2018 19:59

Tgt Ion: 65 Resp: 34672

Ion Ratio Lower Upper

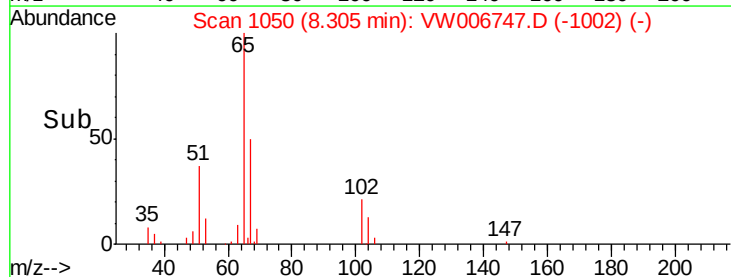
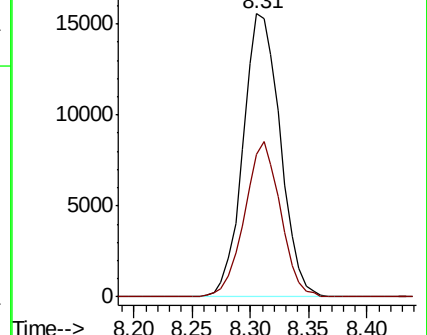
65 100

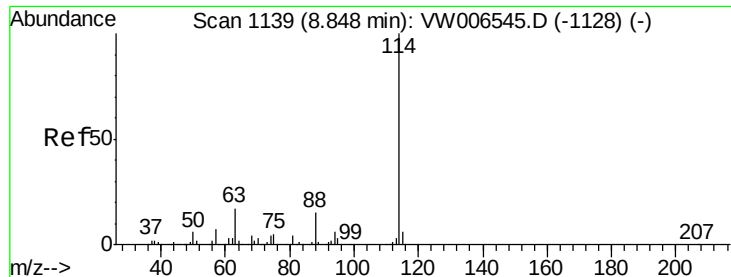
67 52.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006747.D

Acq: 07 Nov 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

8A

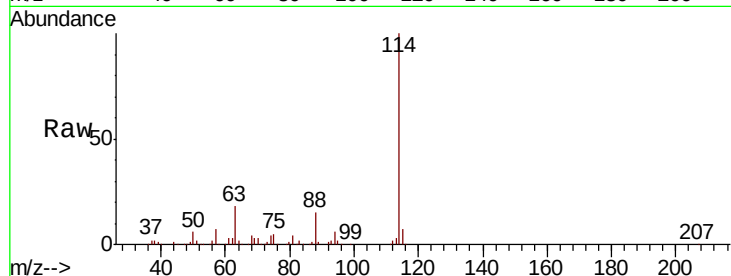
Tot Ion:114 Resp: 170663

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

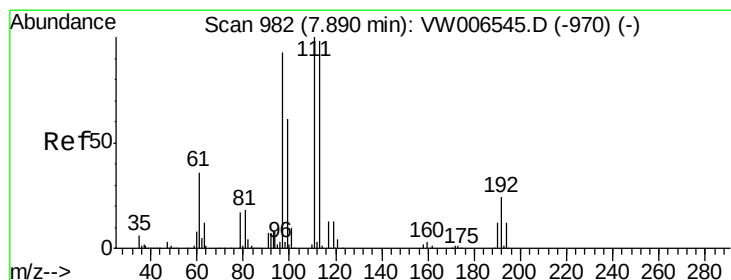
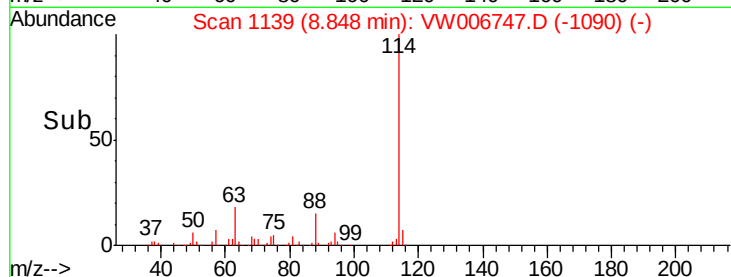
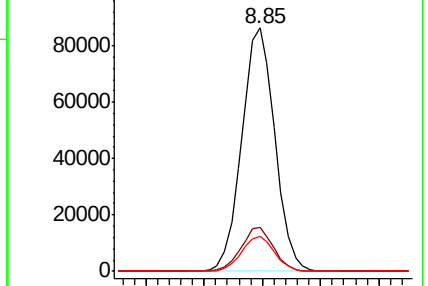
88 14.6 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 36.336 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006747.D

Acq: 07 Nov 2018 19:59

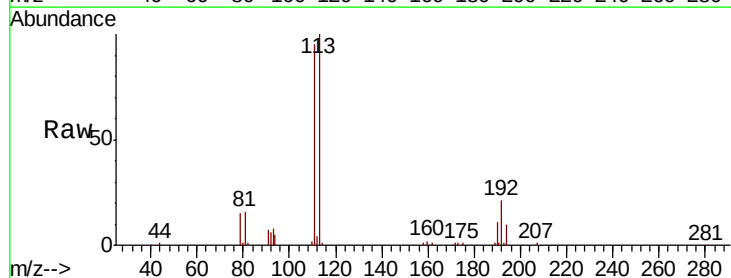
Tgt Ion:113 Resp: 38917

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

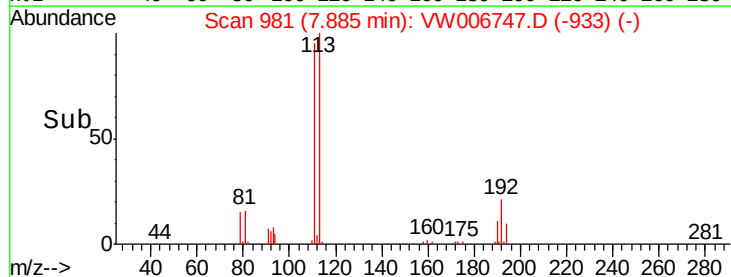
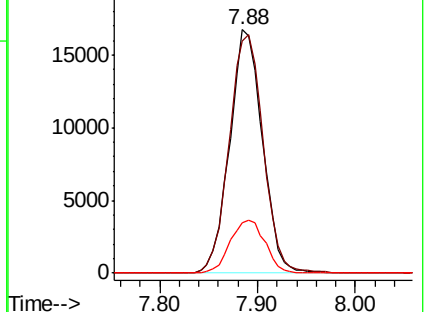
192 23.1 19.0 28.6

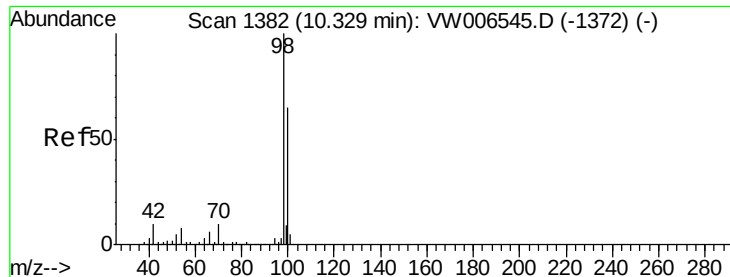


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 32.632 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006747.D

Acq: 07 Nov 2018 19:59

Instrument :

MSVOA_W

ClientSampleId :

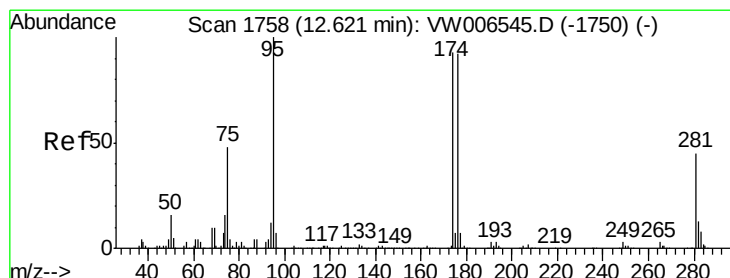
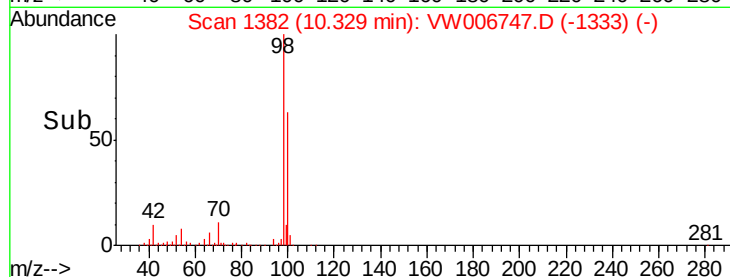
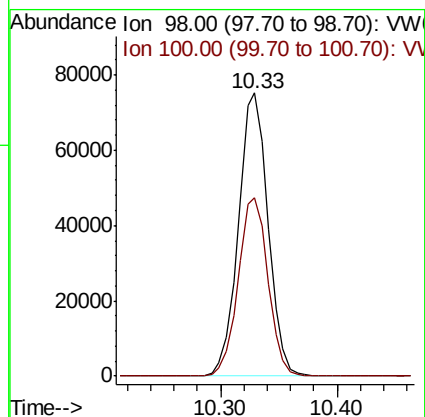
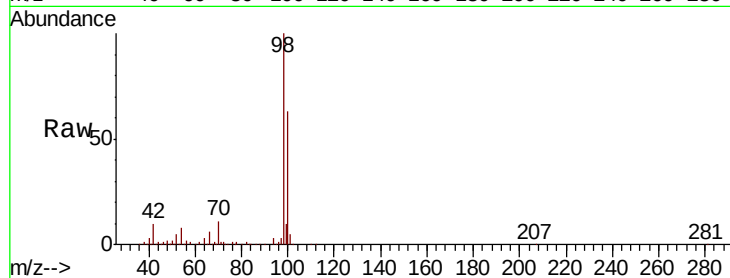
8A

Tot Ion: 98 Resp: 133048

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 24.904 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006747.D

Acq: 07 Nov 2018 19:59

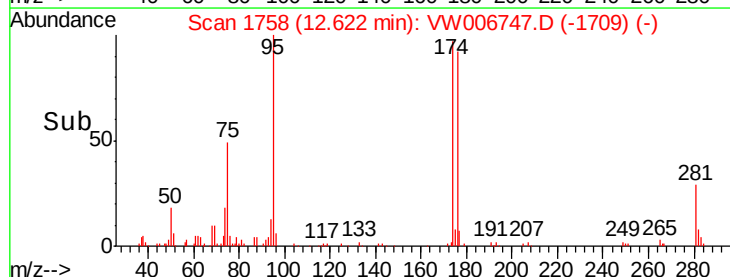
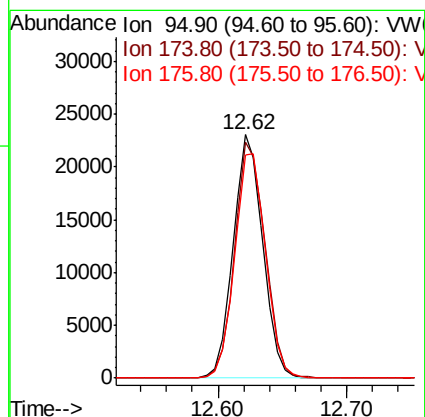
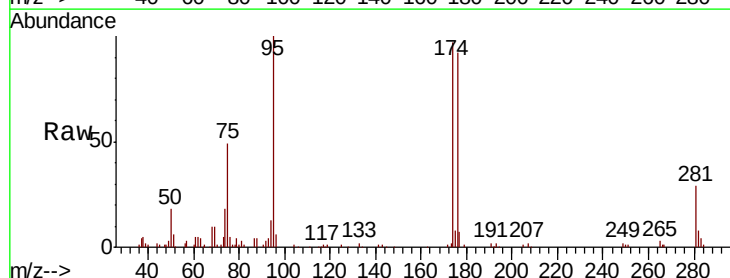
Tgt Ion: 95 Resp: 36813

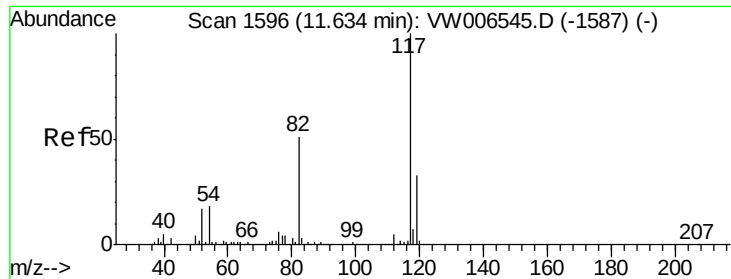
Ion Ratio Lower Upper

95 100

174 99.3 0.0 192.4

176 96.3 0.0 187.4

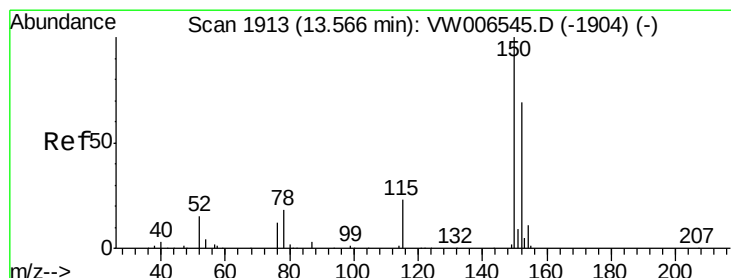
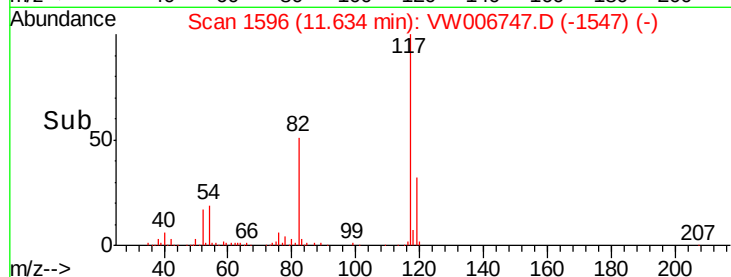
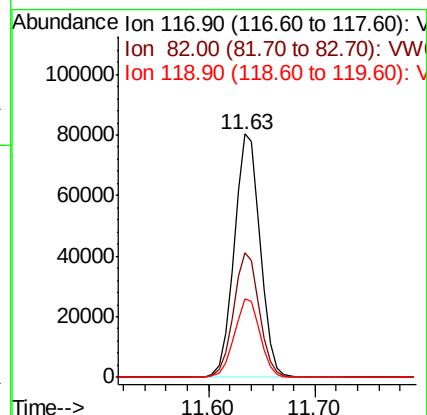
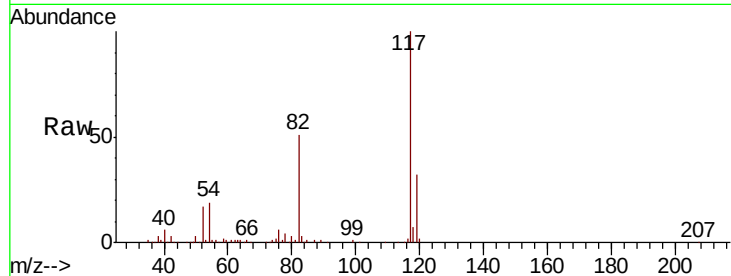




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006747.D
Acq: 07 Nov 2018 19:59

Instrument :
MSVOA_W
ClientSampleId :
8A

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.8	61.2
119	32.4	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006747.D
Acq: 07 Nov 2018 19:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.1	26.6	79.8
150	156.3	0.0	344.6

