

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006209.D
 Acq On : 19 Oct 2018 07:47
 Operator : VA/AP
 Sample : J5574-02RE
 Misc : 11.12G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-003-ABCDRE

Quant Time: Oct 19 08:31:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	8319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	12837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	11633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4329	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4191	60.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.54%	
35) Dibromofluoromethane	7.88	113	3692	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	10.33	98	12094	41.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.82%	
62) 4-Bromofluorobenzene	12.62	95	4043	37.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.60%	

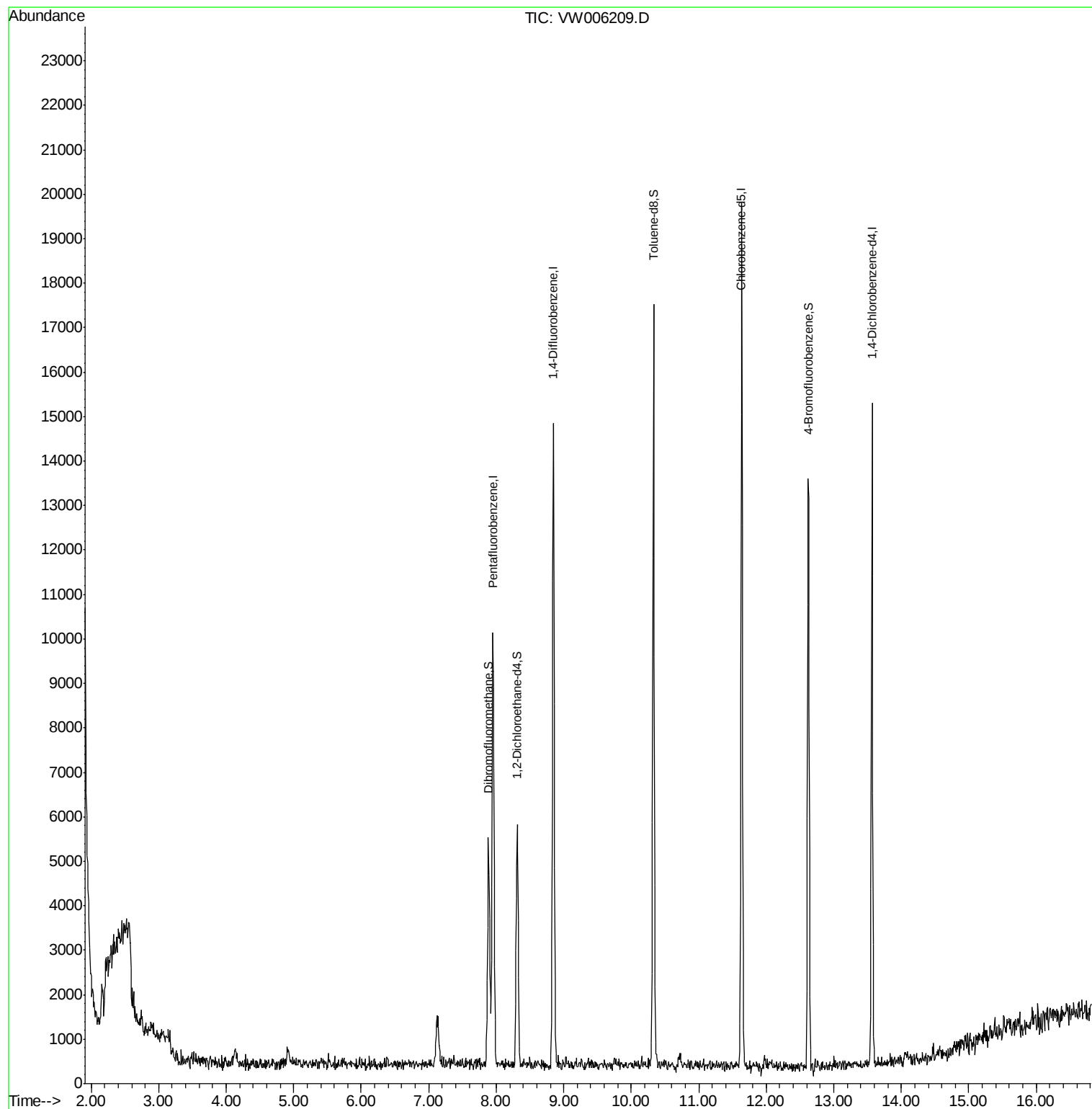
Target Compounds	Qvalue

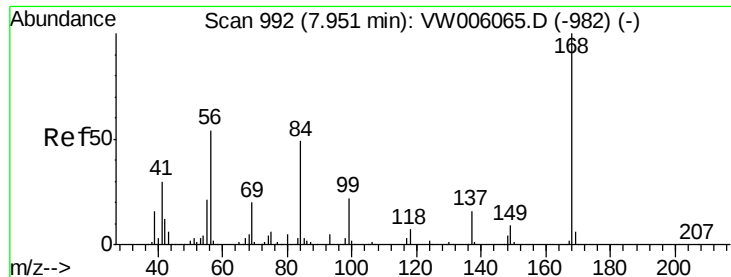
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

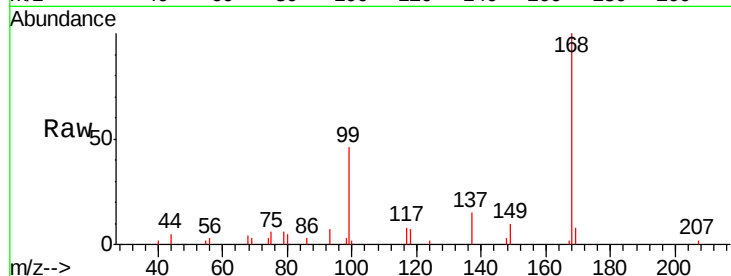
FK-BPM-03-003-ABCDRE

Tgt Ion: 168 Resp: 8319

Ion Ratio Lower Upper

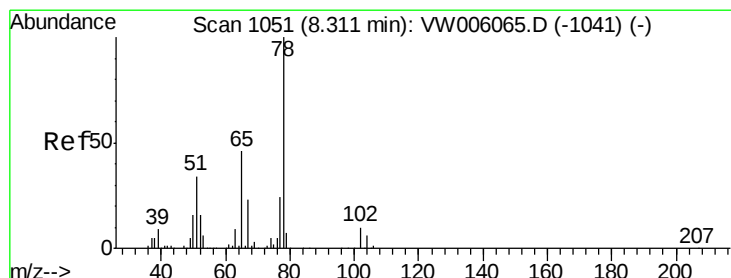
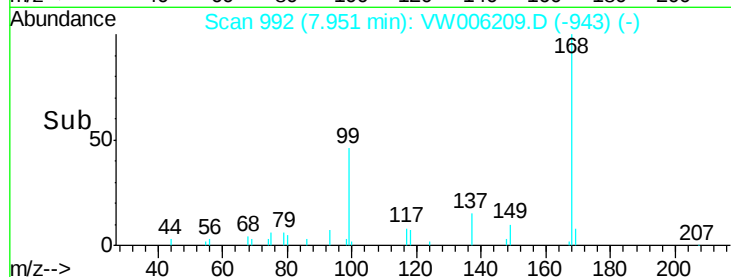
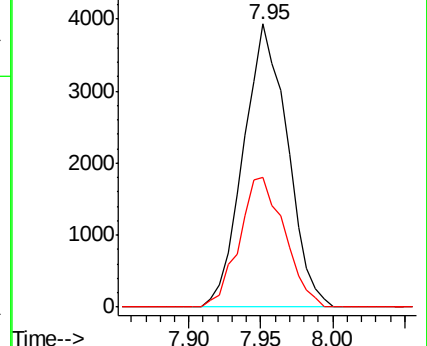
168 100

99 46.0 39.9 59.9



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: 60.77 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006209.D

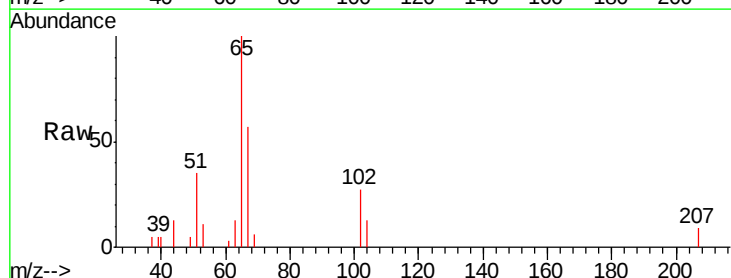
Acq: 19 Oct 2018 07:47

Tgt Ion: 65 Resp: 4191

Ion Ratio Lower Upper

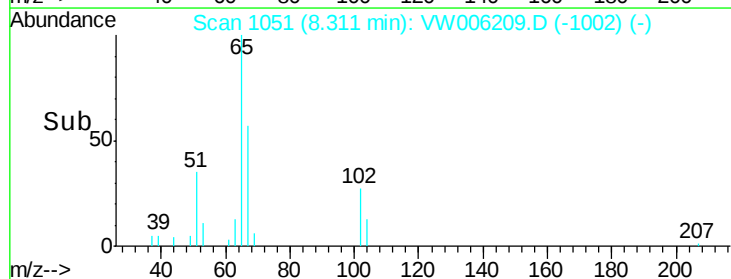
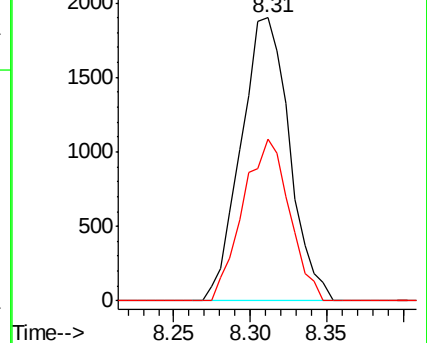
65 100

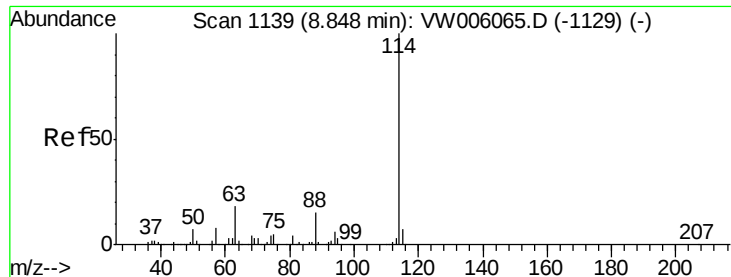
67 54.8 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

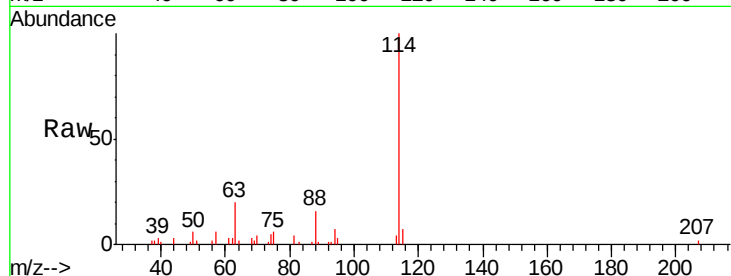




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006209.D
 Acq: 19 Oct 2018 07:47

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-003-ABCDRE

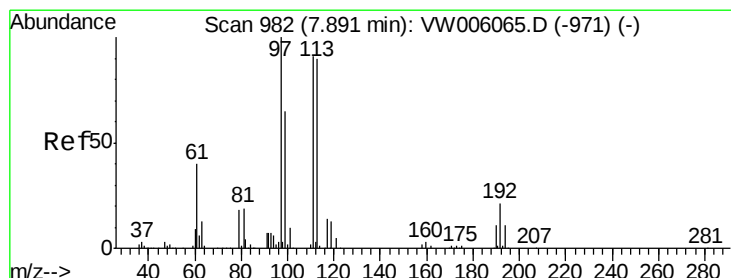
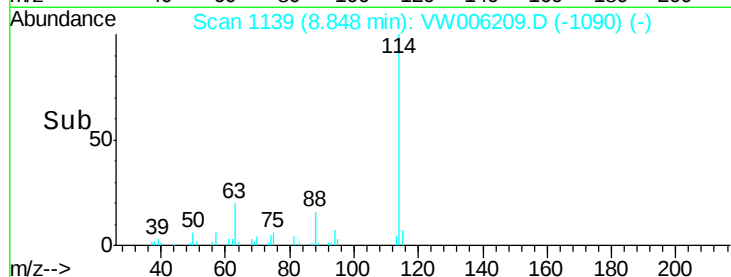
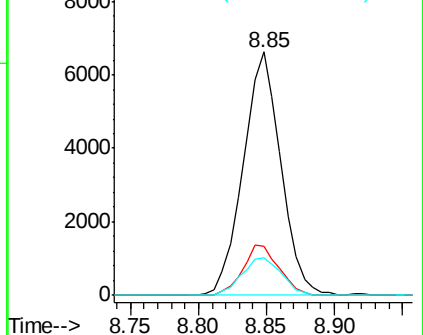
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	36.8
88	15.5	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V

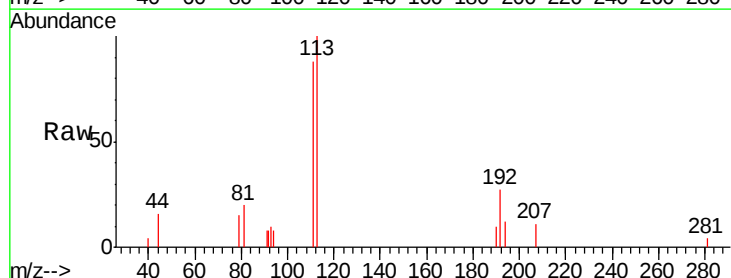
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 48.67 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006209.D
 Acq: 19 Oct 2018 07:47

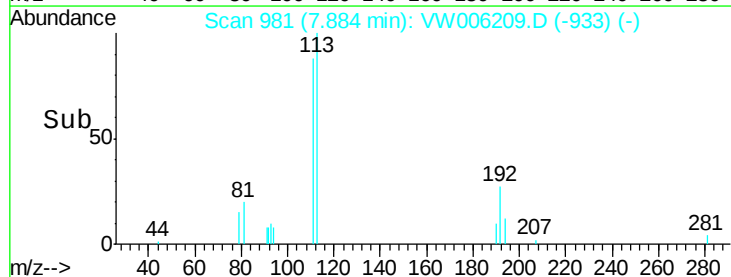
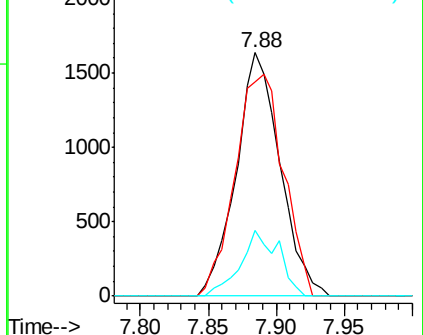
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.0
192	23.3	18.7	28.1

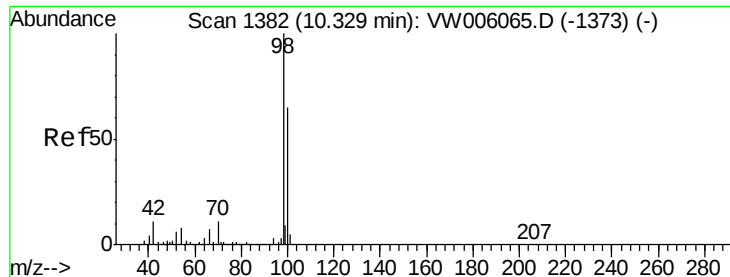


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 41.91 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006209.D

Acq: 19 Oct 2018 07:47

Instrument :

MSVOA_W

ClientSampleId :

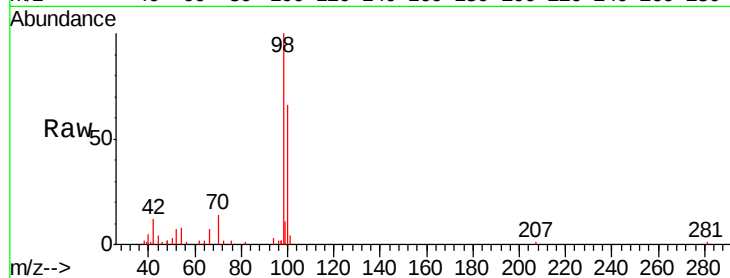
FK-BPM-03-003-ABCDRE

Tgt Ion: 98 Resp: 12094

Ion Ratio Lower Upper

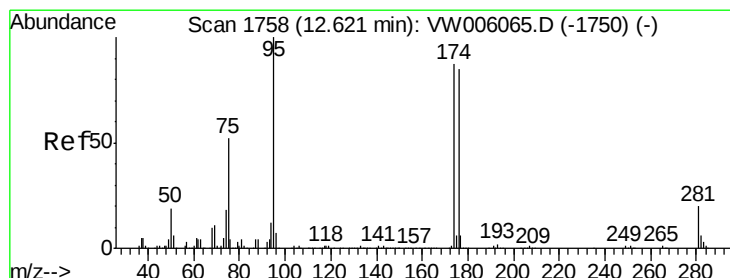
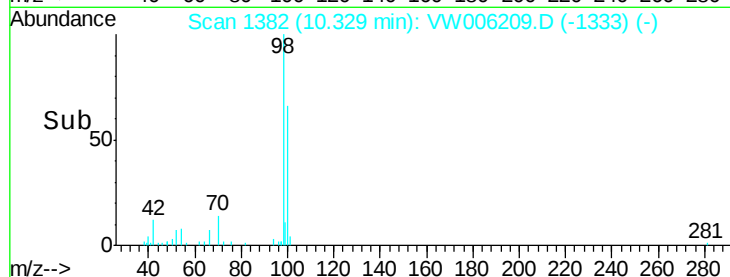
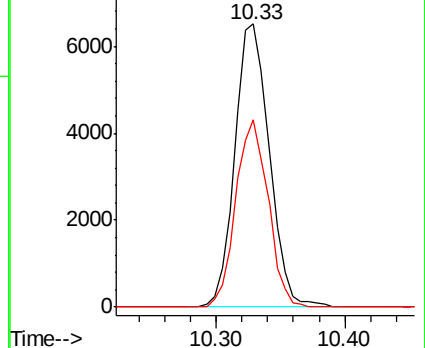
98 100

100 61.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 37.30 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006209.D

Acq: 19 Oct 2018 07:47

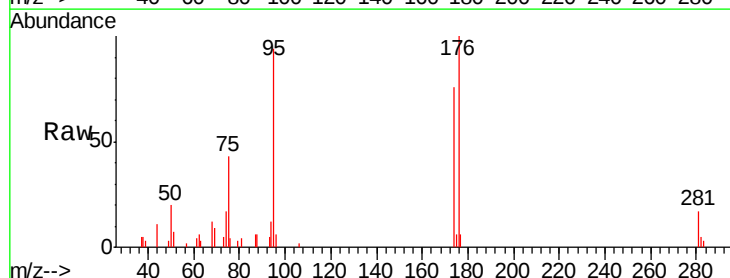
Tgt Ion: 95 Resp: 4043

Ion Ratio Lower Upper

95 100

174 94.4 0.0 186.0

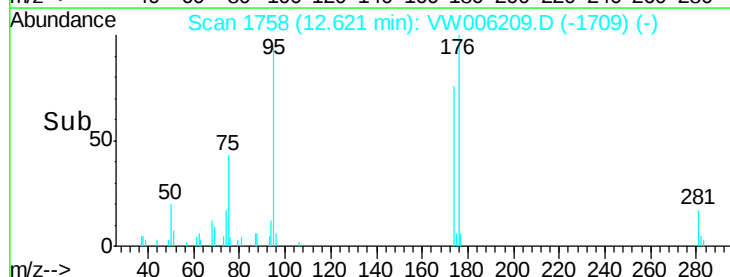
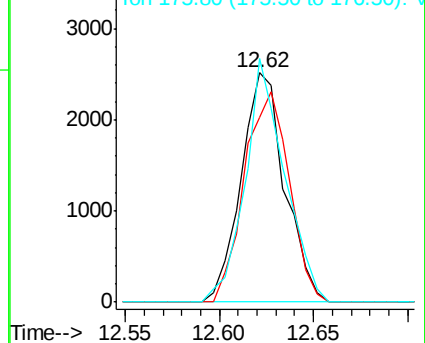
176 96.0 0.0 181.6

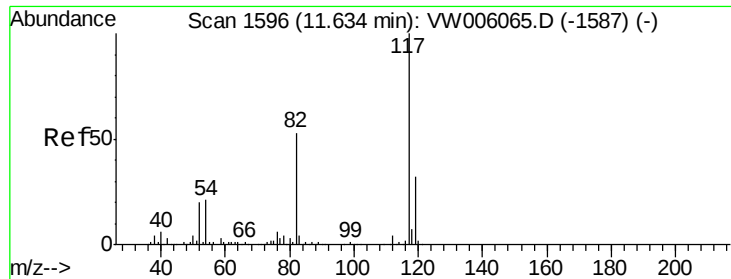


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

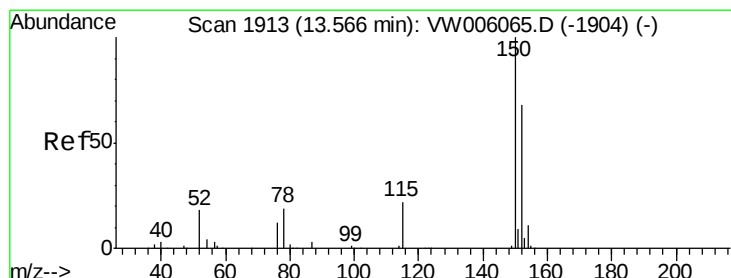
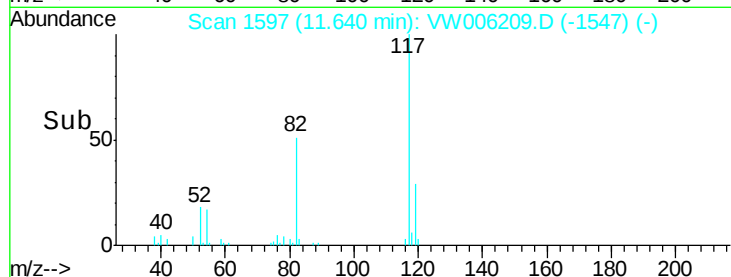
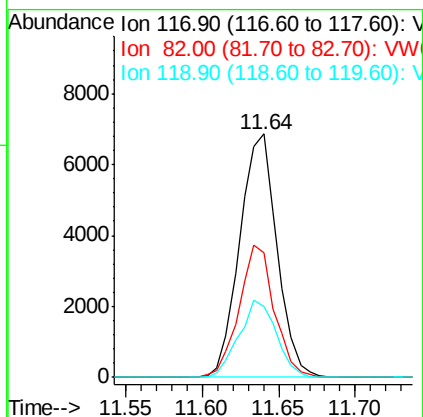
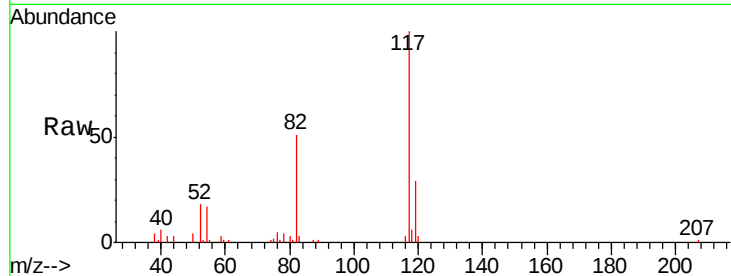




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW006209.D
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Tgt Ion:117 Resp: 11633
Ion Ratio Lower Upper
117 100
82 51.1 42.1 63.1
119 29.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006209.D
Acq: 19 Oct 2018 07:47

Tgt Ion:152 Resp: 4329
Ion Ratio Lower Upper
152 100
115 53.6 27.8 83.3
150 150.5 0.0 349.2

