

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008257.D
 Acq On : 14 Jan 2019 19:44
 Operator : SY/VA
 Sample : K1142-02
 Misc : 3.94G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9A

Quant Time: Jan 14 22:22:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

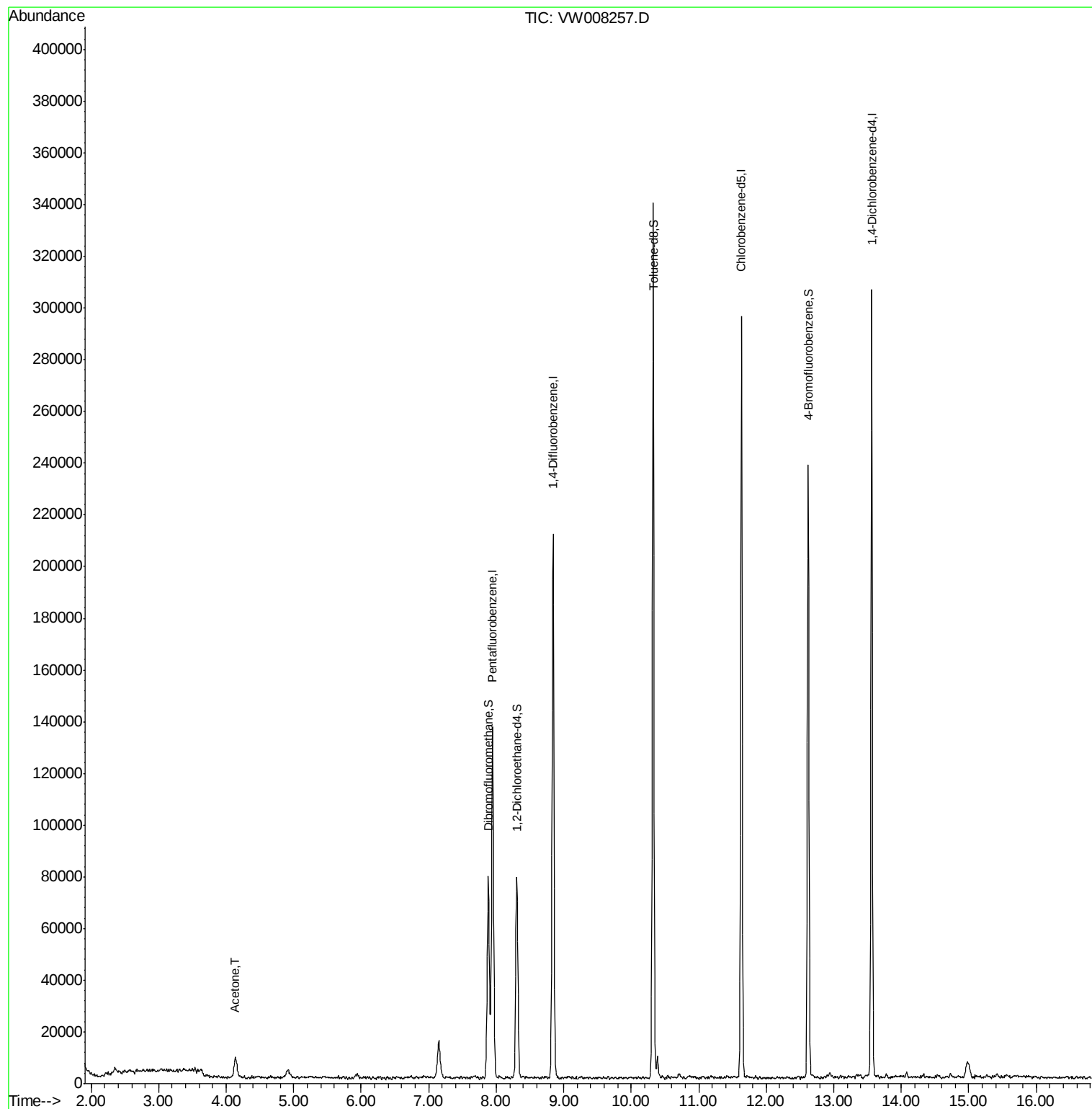
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	98700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	174815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	161355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58387	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	7.88	113	55597	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
50) Toluene-d8	10.32	98	221184	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	73666	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
Target Compounds						
16) Acetone	4.14	43	15948	64.268	ug/l	Qvalue 98

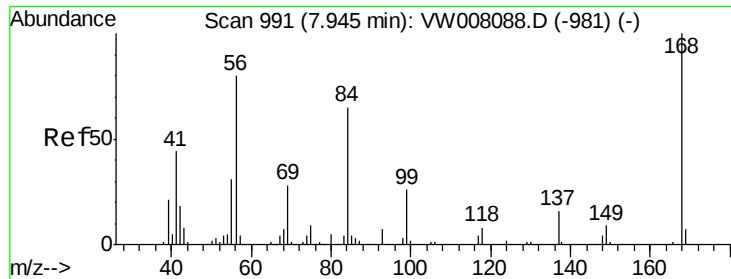
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

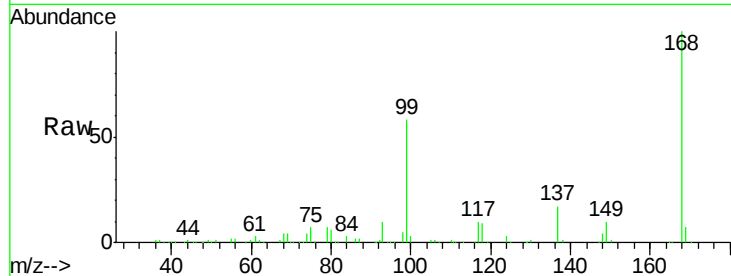
FK-BPM-01-D9-E9-D9A-E9A

Tot Ion:168 Resp: 98700

Ion Ratio Lower Upper

168 100

99 58.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

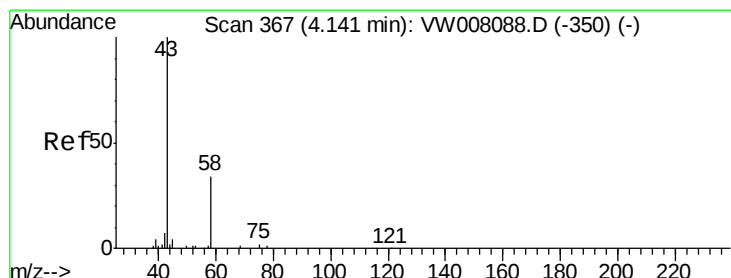
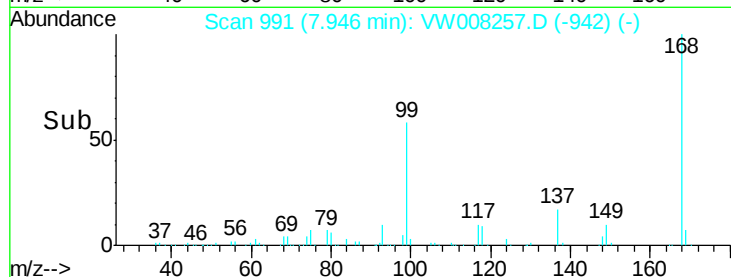
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 64.268 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008257.D

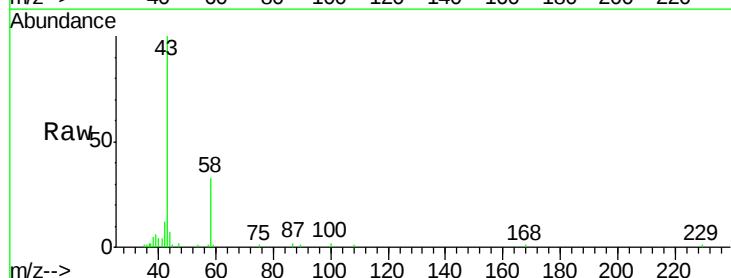
Acq: 14 Jan 2019 19:44

Tgt Ion: 43 Resp: 15948

Ion Ratio Lower Upper

43 100

58 33.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

3000

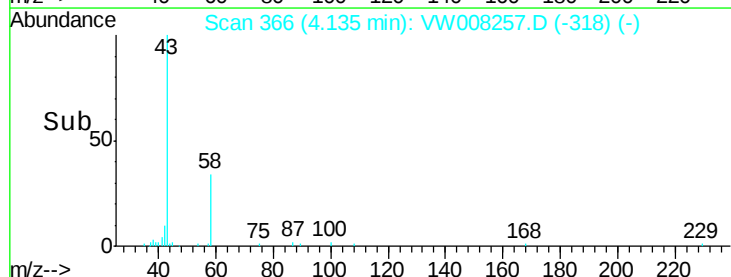
2000

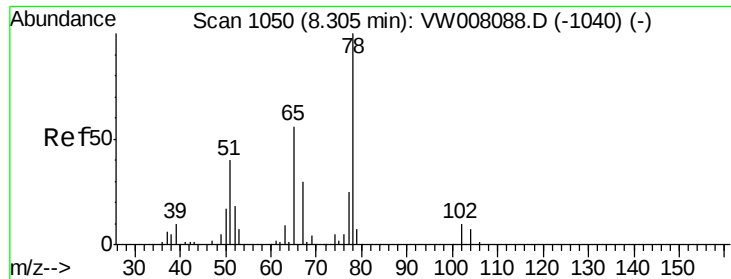
1000

0

4.10 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.634 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

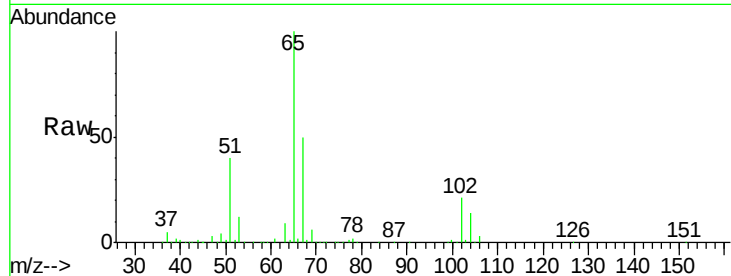
FK-BPM-01-D9-E9-D9A-E9A

Tot Ion: 65 Resp: 58387

Ion Ratio Lower Upper

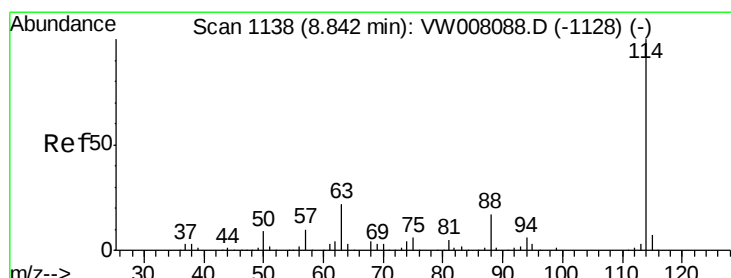
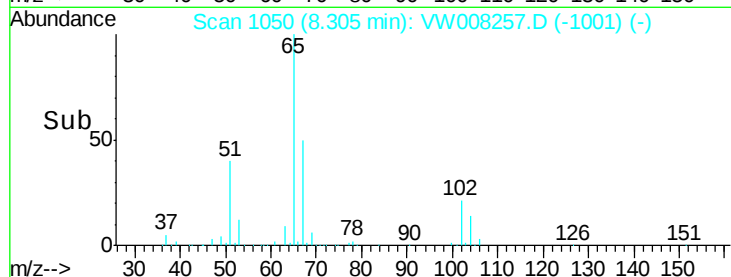
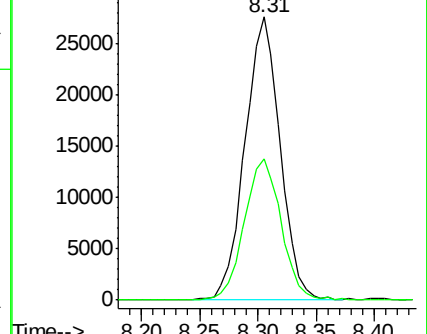
65 100

67 52.2 0.0 106.8



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: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

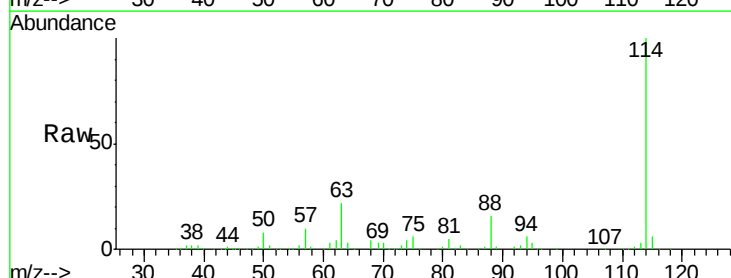
Tgt Ion: 114 Resp: 174815

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

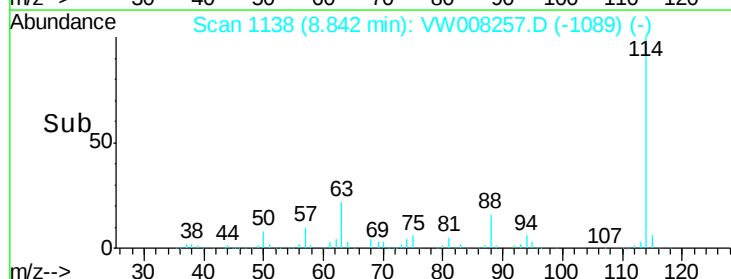
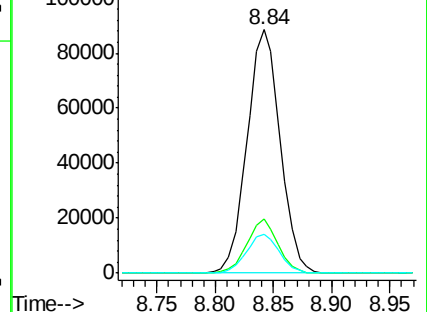
88 15.9 0.0 33.4

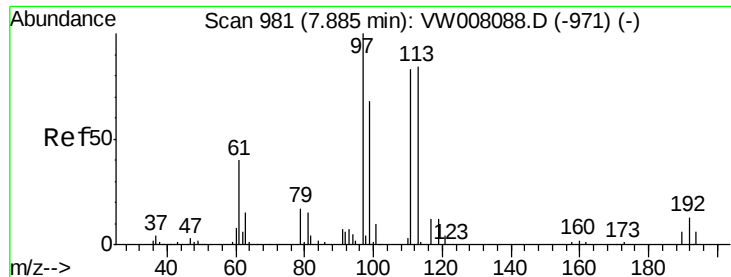


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 54.529 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

Instrument :

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FK-BPM-01-D9-E9-D9A-E9A

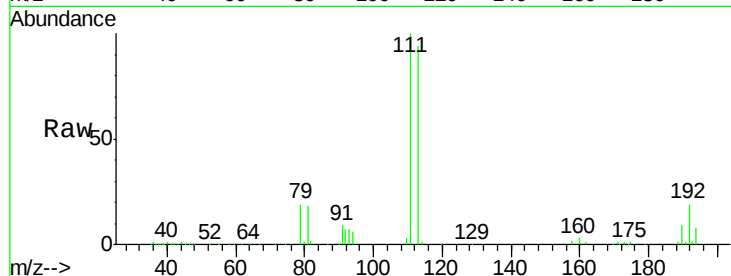
Tot Ion:113 Resp: 55597

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

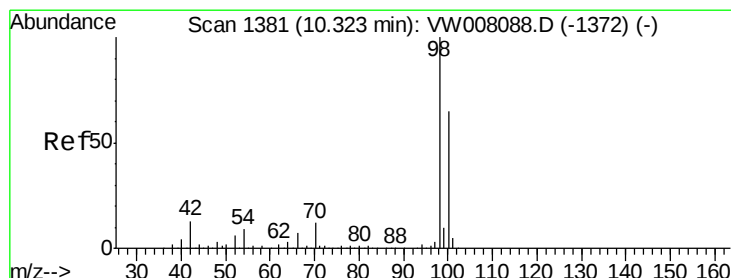
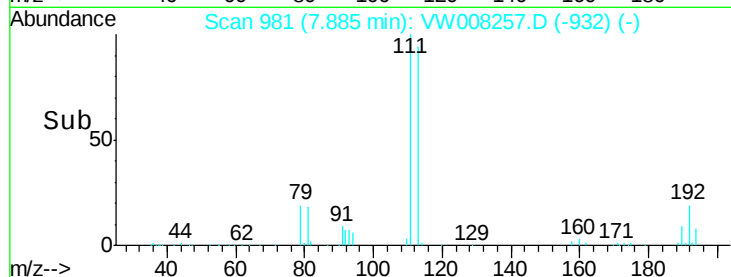
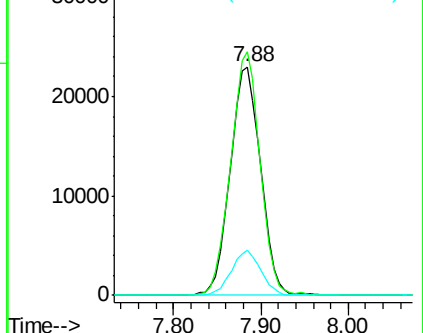
192 19.0 12.8 19.2



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: 51.695 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008257.D

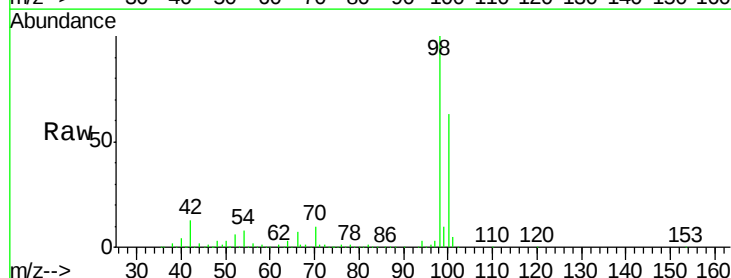
Acq: 14 Jan 2019 19:44

Tgt Ion: 98 Resp: 221184

Ion Ratio Lower Upper

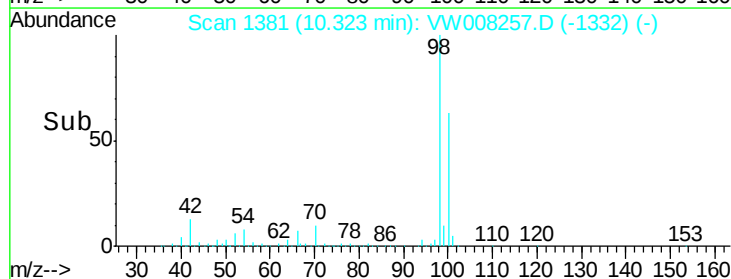
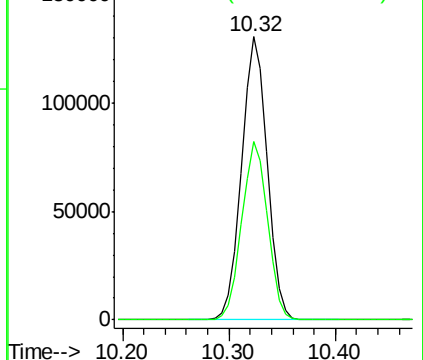
98 100

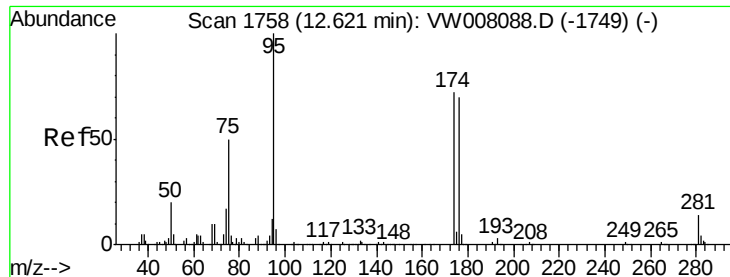
100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.026 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

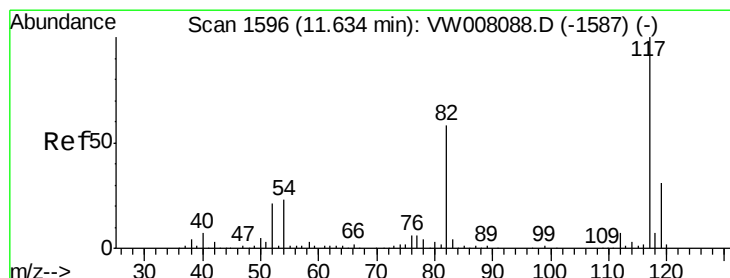
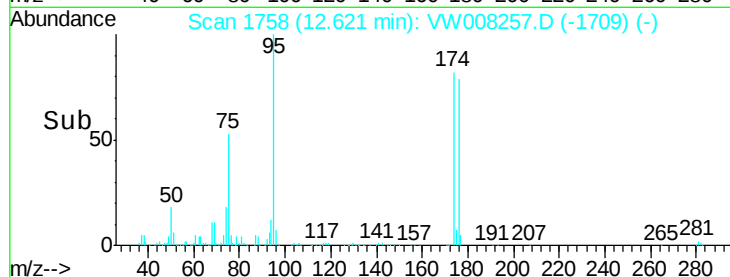
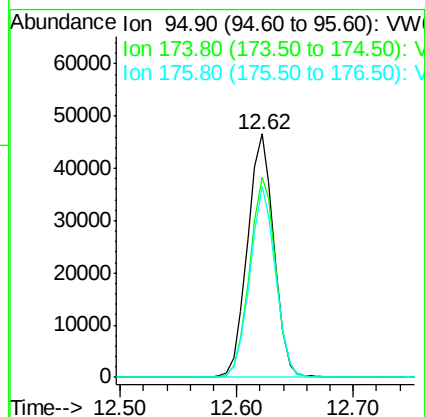
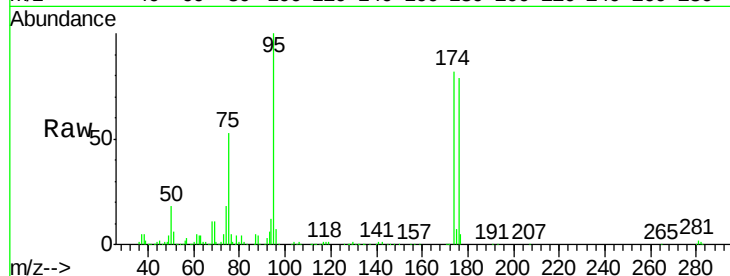
Tot Ion: 95 Resp: 73666

Ion Ratio Lower Upper

95 100

174 81.5 0.0 143.0

176 76.3 0.0 140.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

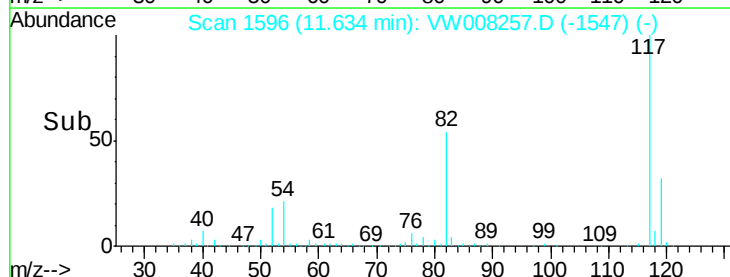
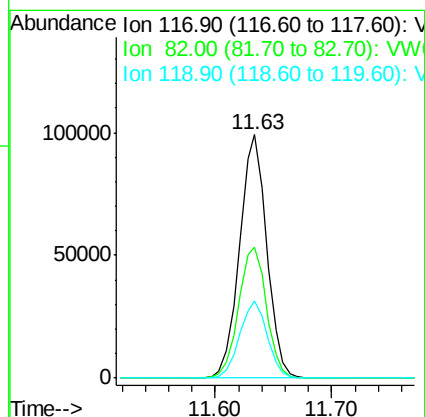
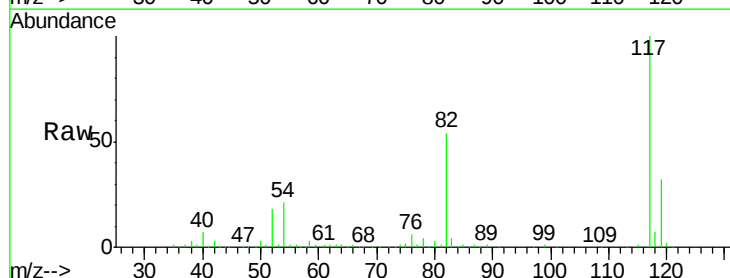
Tgt Ion: 117 Resp: 161355

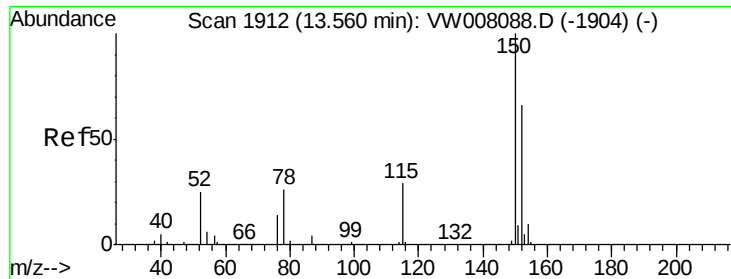
Ion Ratio Lower Upper

117 100

82 54.0 46.4 69.6

119 31.8 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008257.D

Acq: 14 Jan 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

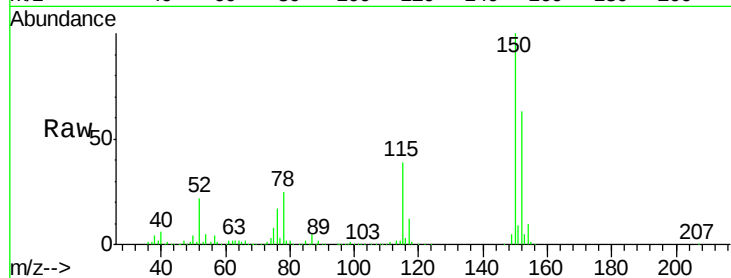
Tot Ion:152 Resp: 77051

Ion Ratio Lower Upper

152 100

115 60.0 30.8 92.4

150 158.5 0.0 350.2



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

