

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008258.D
 Acq On : 14 Jan 2019 20:11
 Operator : SY/VA
 Sample : K1139-01RE
 Misc : 3.51G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-1RE

Quant Time: Jan 14 22:24:39 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	81650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	140868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	90514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16534	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	49892	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
35) Dibromofluoromethane	7.88	113	49551	60.31	ug/l	0.00
Spiked Amount			Recovery	=	120.62%	
50) Toluene-d8	10.32	98	165575	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.62	95	25774	20.85	ug/l	0.00
Spiked Amount			Recovery	=	41.70%	

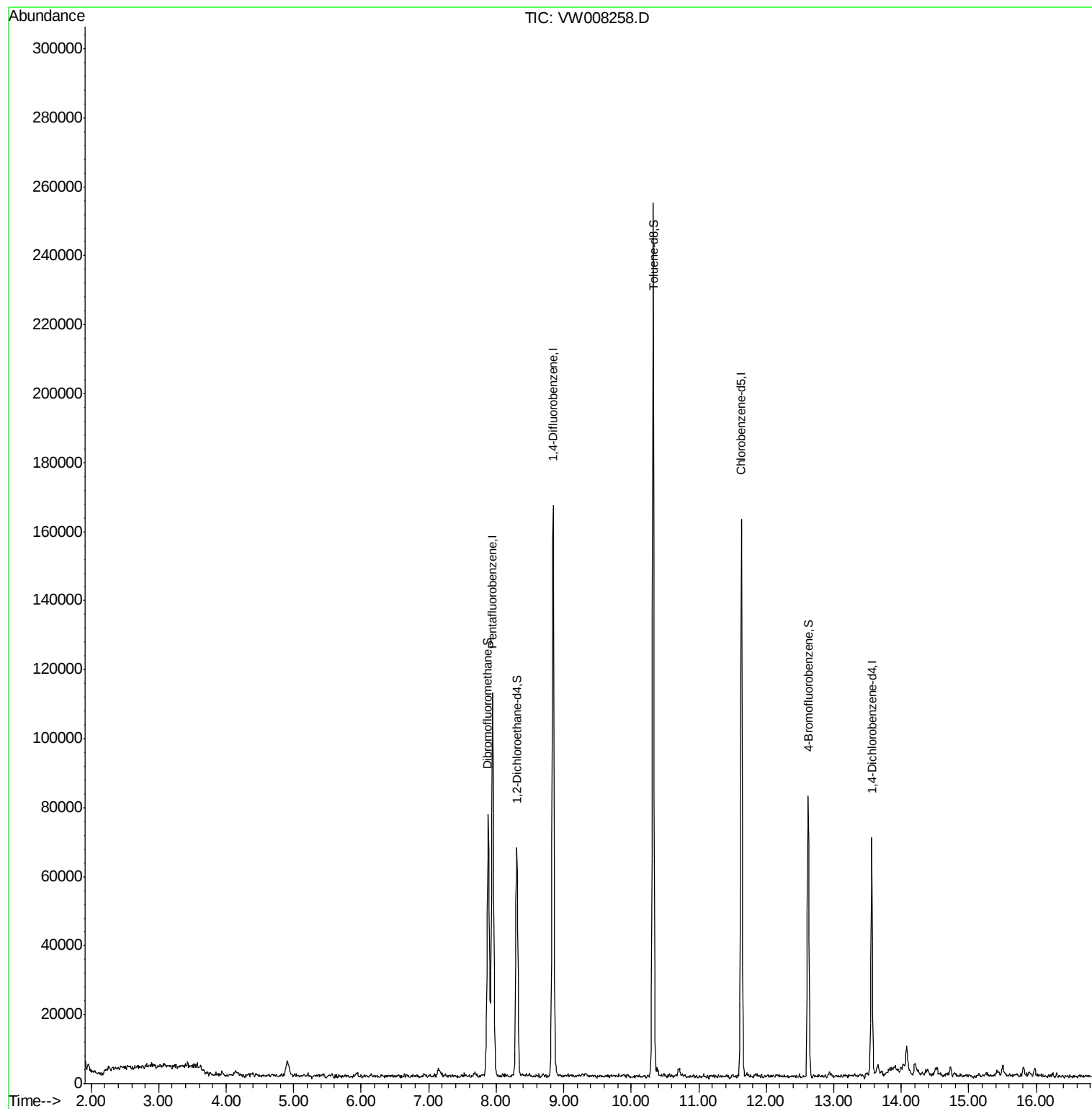
Target Compounds	Qvalue
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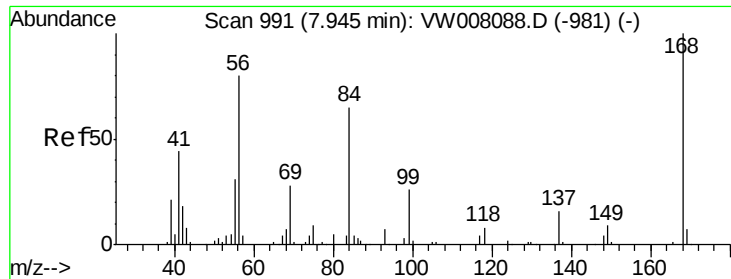
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008258.D

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Instrument :

MSVOA_W

ClientSampleId :

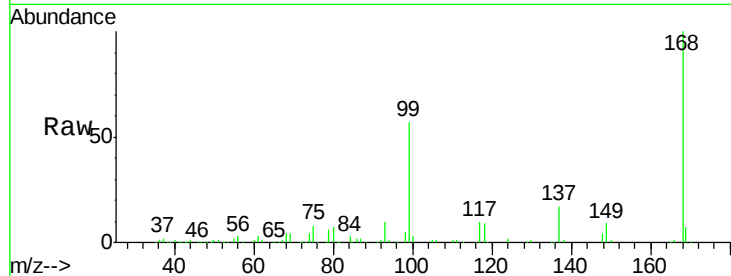
S-1RE

Tot Ion:168 Resp: 81650

Ion Ratio Lower Upper

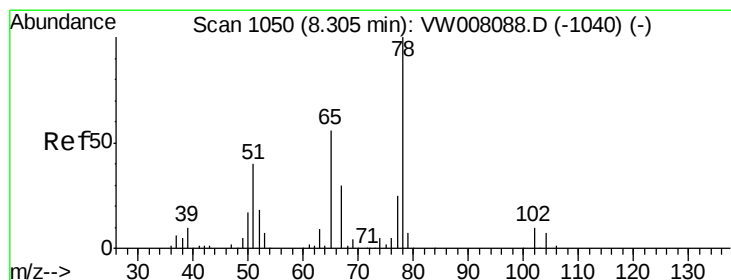
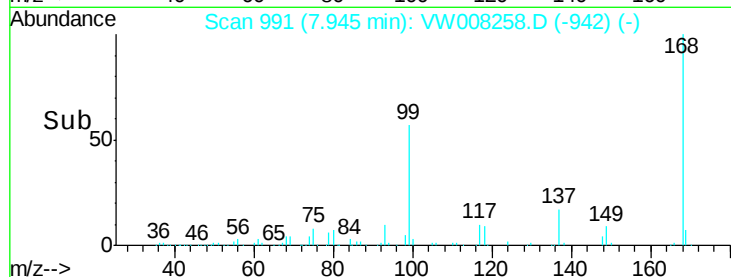
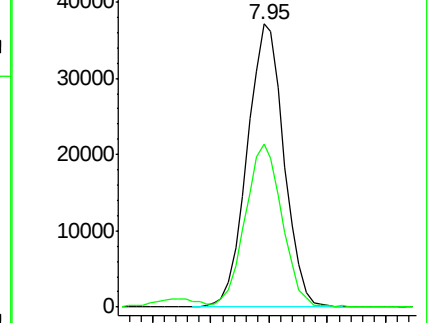
168 100

99 57.0 52.6 78.8



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: 54.368 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008258.D

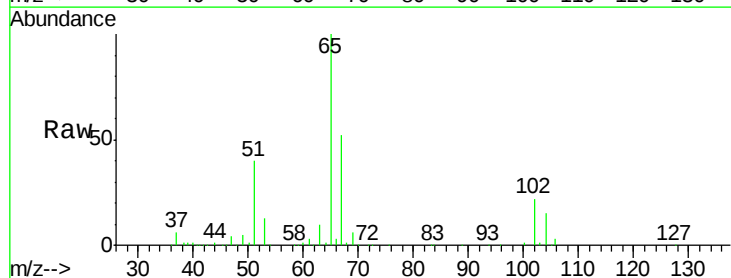
Acq: 14 Jan 2019 20:11

Tgt Ion: 65 Resp: 49892

Ion Ratio Lower Upper

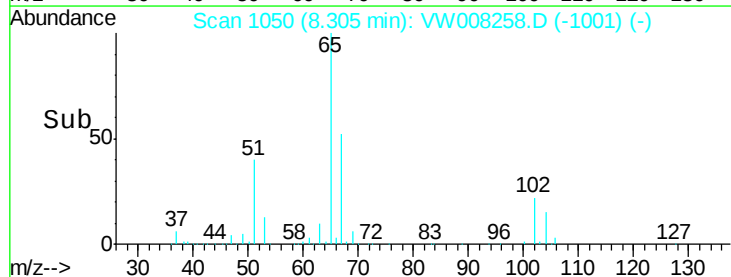
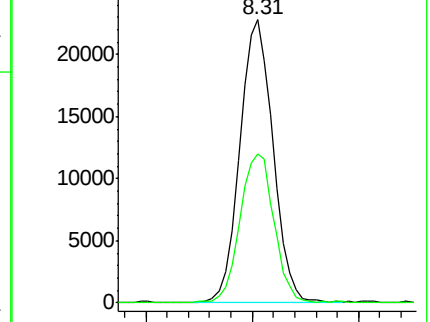
65 100

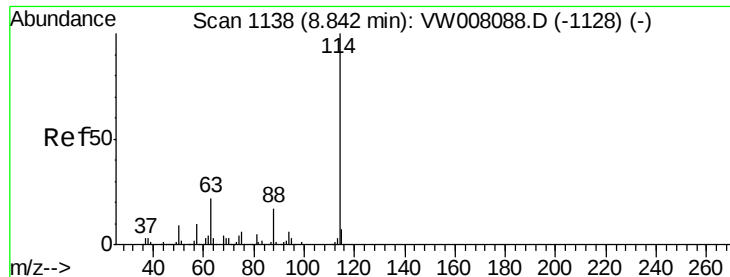
67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

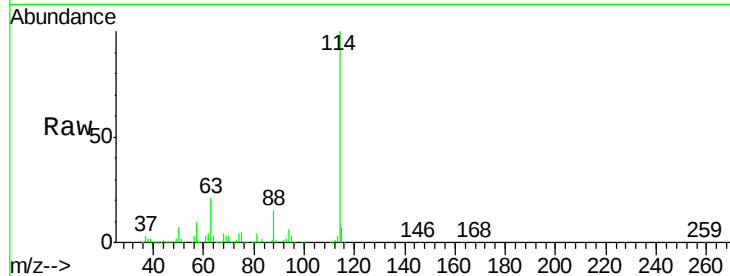




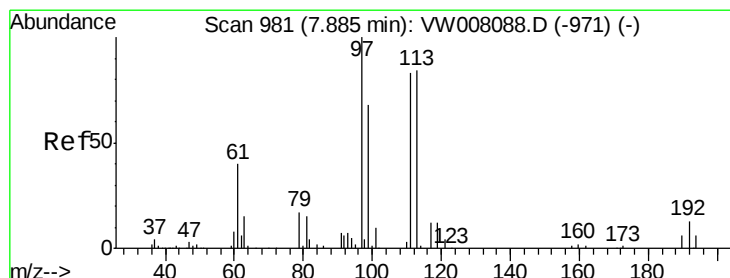
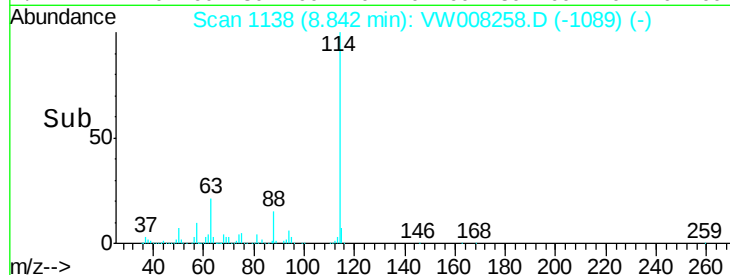
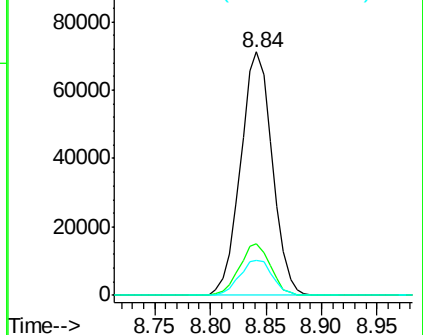
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008258.D
Acq: 14 Jan 2019 20:11

Instrument :
MSVOA_W
ClientSampleId :
S-1RE

Tot Ion:114 Resp: 140868
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 14.6 0.0 33.4

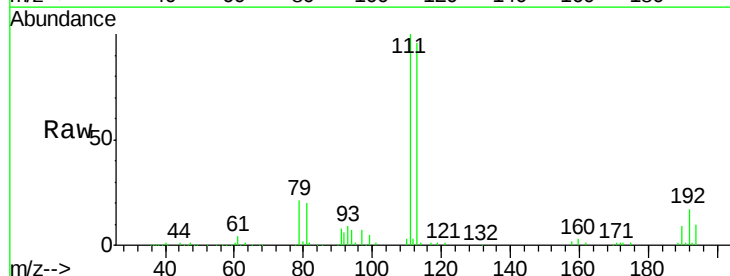


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

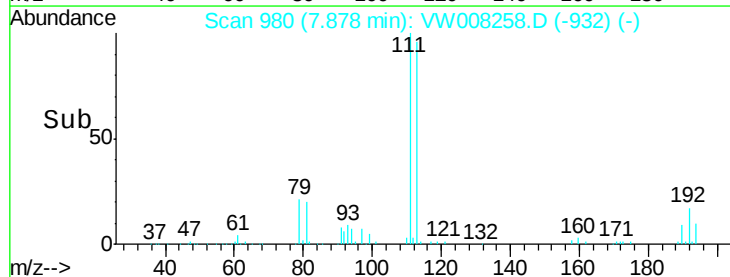
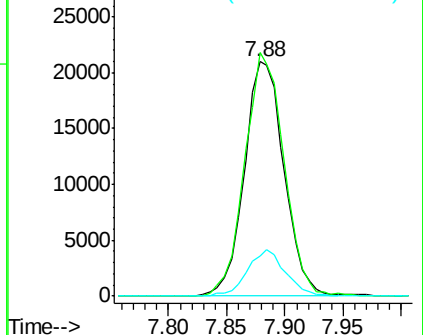


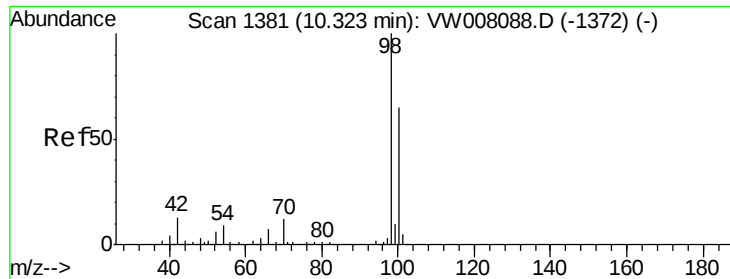
#35
Dibromofluoromethane
Concen: 60.311 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008258.D
Acq: 14 Jan 2019 20:11

Tgt Ion:113 Resp: 49551
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: 48.024 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008258.D

Acq: 14 Jan 2019 20:11

Instrument :

MSVOA_W

ClientSampled :

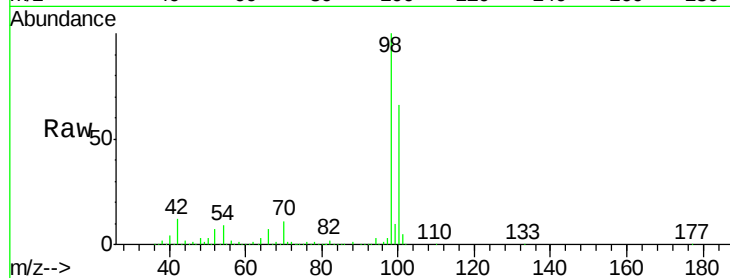
S-1RE

Tot Ion: 98 Resp: 165575

Ion Ratio Lower Upper

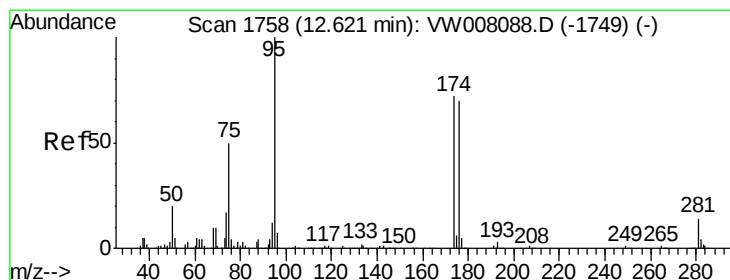
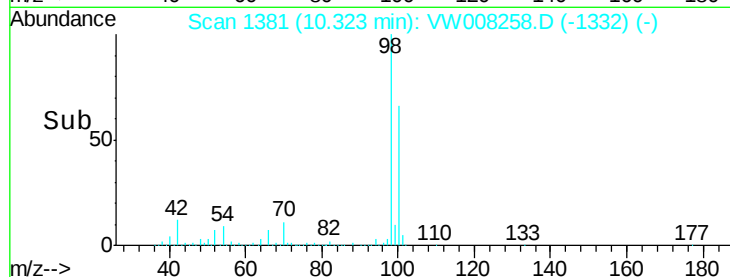
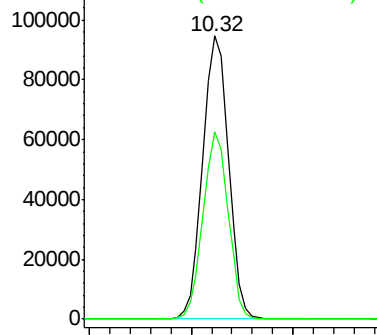
98 100

100 64.4 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: 20.853 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008258.D

Acq: 14 Jan 2019 20:11

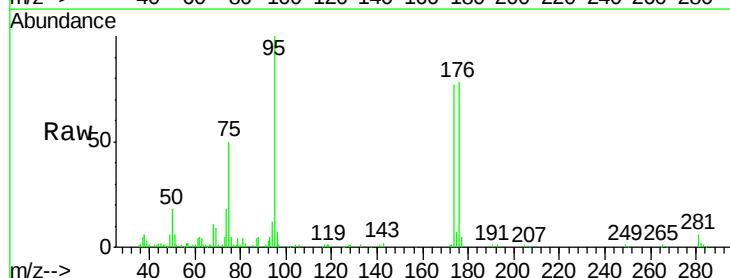
Tgt Ion: 95 Resp: 25774

Ion Ratio Lower Upper

95 100

174 79.5 0.0 143.0

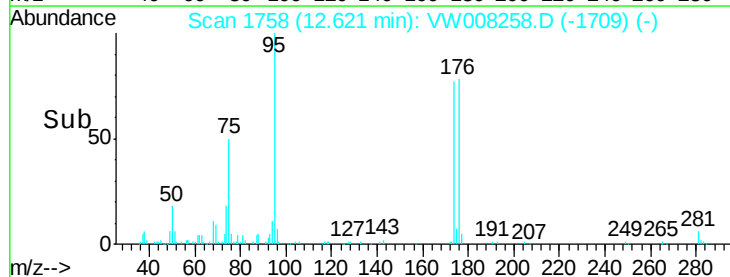
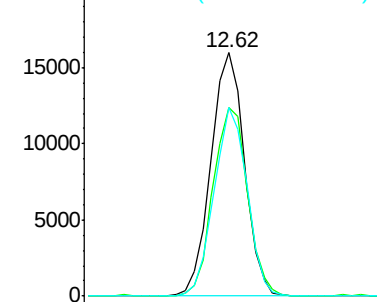
176 76.1 0.0 140.2

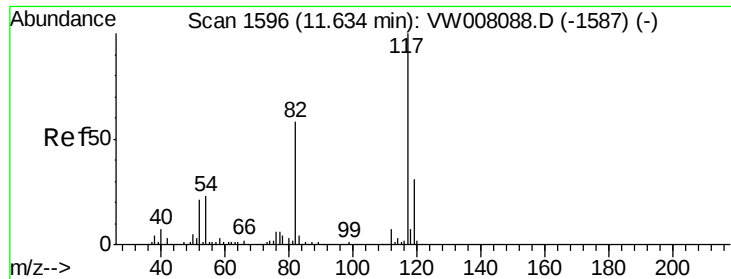


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

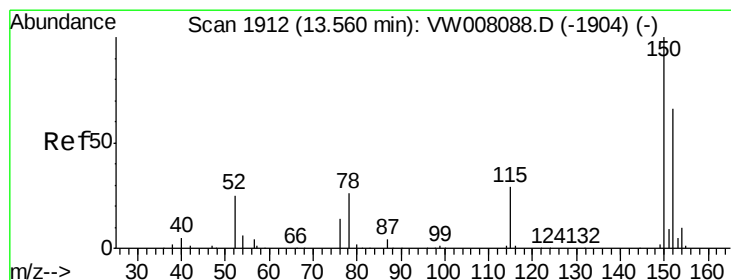
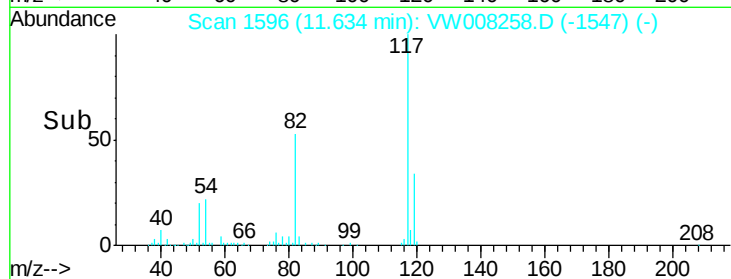
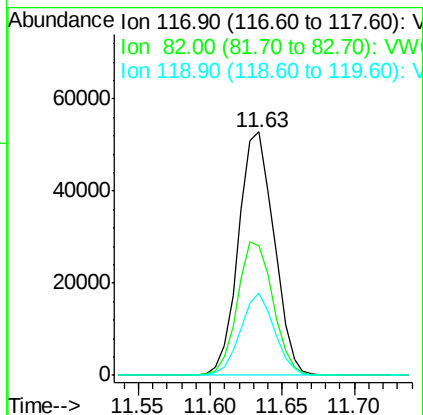
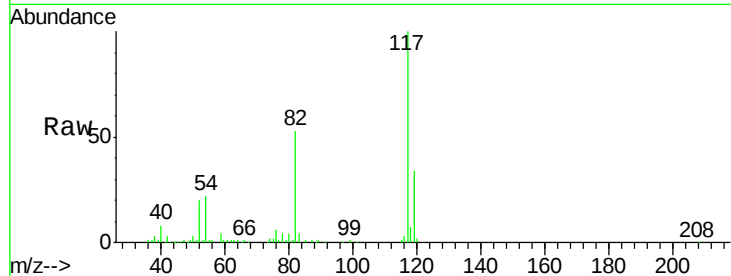




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008258.D
Acq: 14 Jan 2019 20:11

Instrument :
MSVOA_W
ClientSampleId :
S-1RE

Tot Ion:117 Resp: 90514
Ion Ratio Lower Upper
117 100
82 53.4 46.4 69.6
119 34.0 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: VW008258.D
Acq: 14 Jan 2019 20:11

Tgt Ion:152 Resp: 16534
Ion Ratio Lower Upper
152 100
115 62.0 30.8 92.4
150 163.4 0.0 350.2

