

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008152.D
 Acq On : 10 Jan 2019 16:48
 Operator : SY/AP
 Sample : K1075-18
 Misc : 4.67G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BASIN-9

Quant Time: Jan 11 06:12:12 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	58575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	113227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	45027	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	43323	65.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.62%	
35) Dibromofluoromethane	7.88	113	36440	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
50) Toluene-d8	10.32	98	152856	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
62) 4-Bromofluorobenzene	12.62	95	50057	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

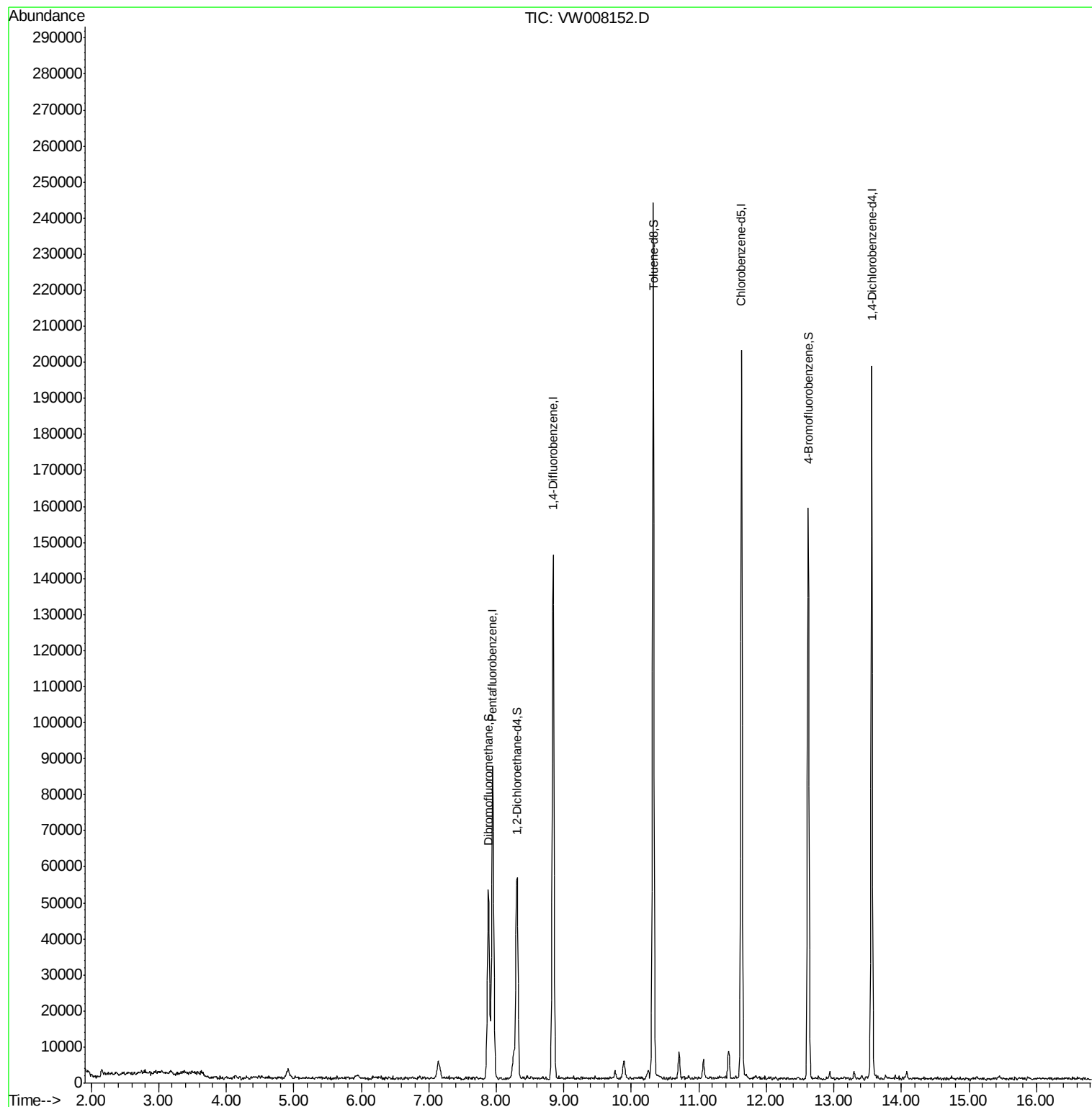
Target Compounds	Qvalue

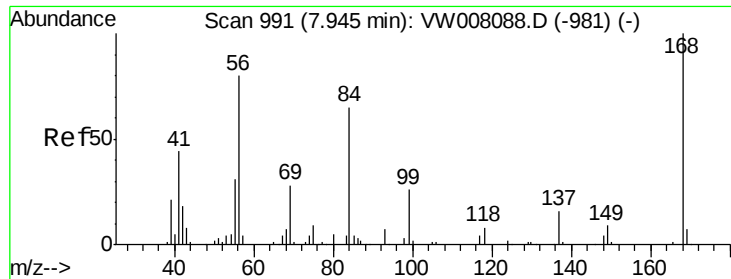
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008152.D

Acq: 10 Jan 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

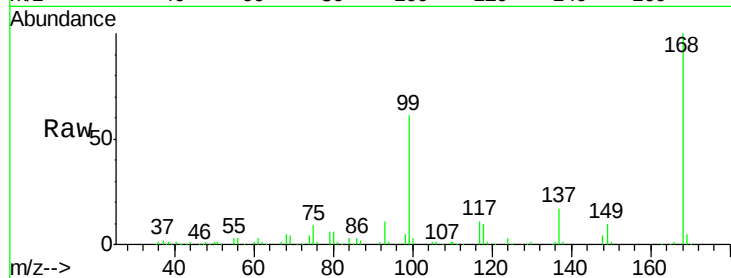
BASIN-9

Tot Ion:168 Resp: 58575

Ion Ratio Lower Upper

168 100

99 60.6 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

30000

25000

20000

15000

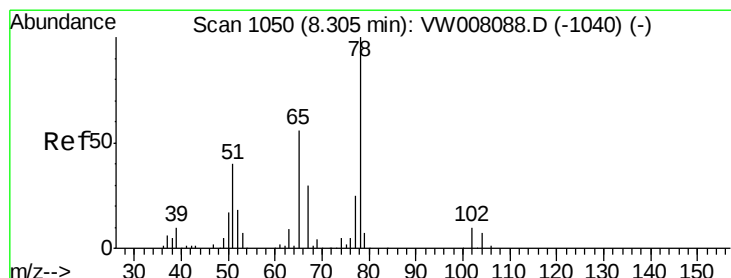
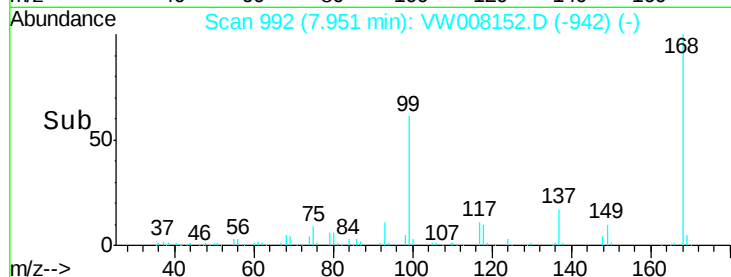
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 65.807 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008152.D

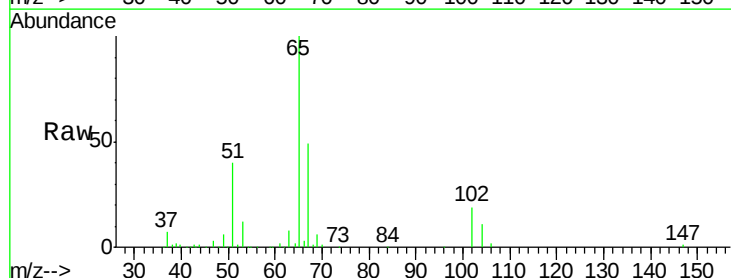
Acq: 10 Jan 2019 16:48

Tgt Ion: 65 Resp: 43323

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

20000

15000

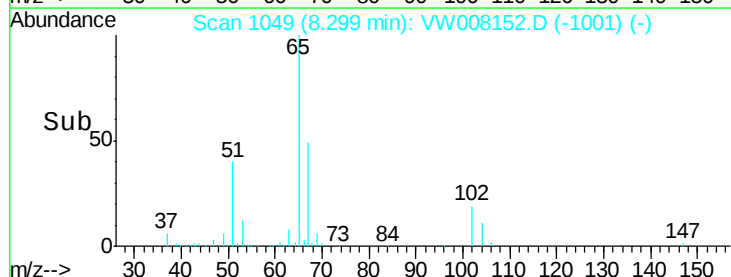
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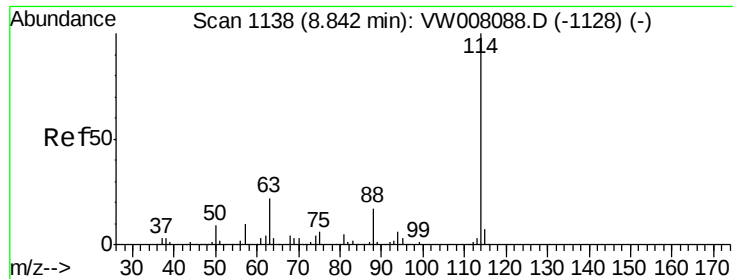
5000

0

Time-->

8.20 8.25 8.30 8.35 8.40

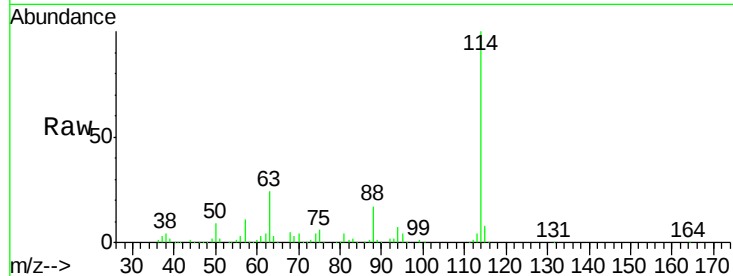




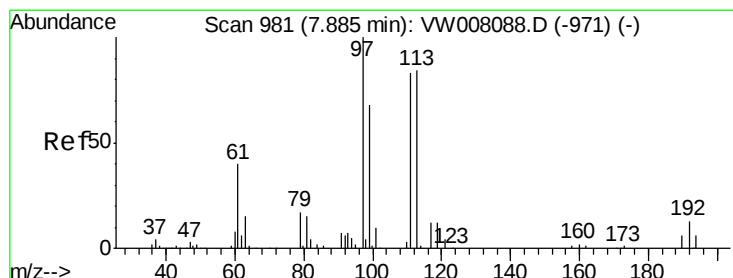
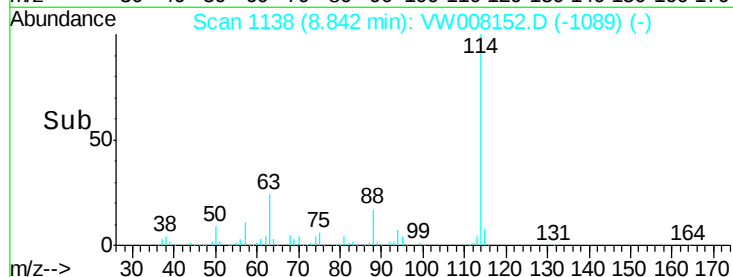
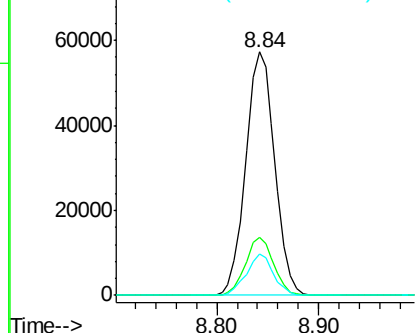
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008152.D
 Acq: 10 Jan 2019 16:48

Instrument :
 MSVOA_W
 ClientSampleId :
 BASIN-9

Tot Ion:114 Resp: 113227
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 43.4
 88 17.2 0.0 33.4

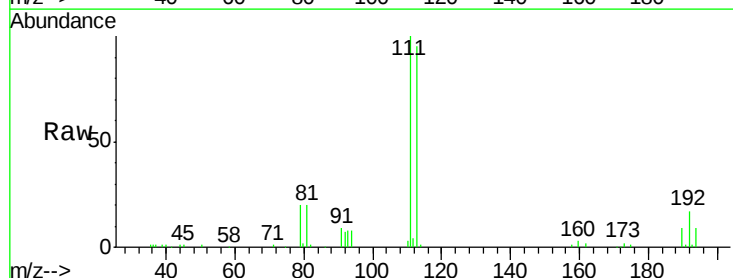


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

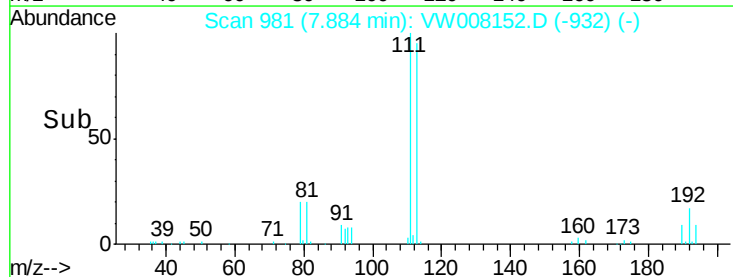
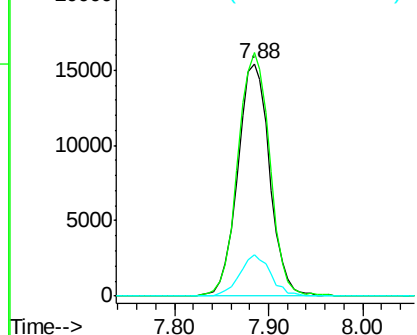


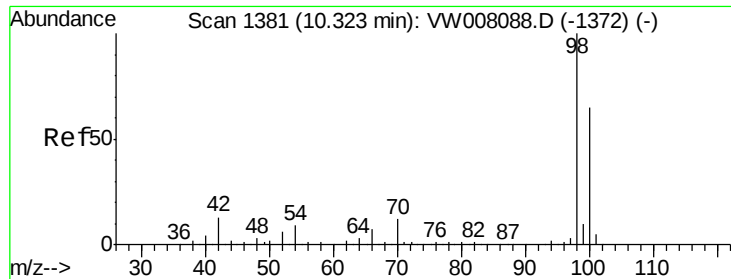
#35
 Dibromofluoromethane
 Concen: 55.180 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008152.D
 Acq: 10 Jan 2019 16:48

Tgt Ion:113 Resp: 36440
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.8 122.8
 192 17.0 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

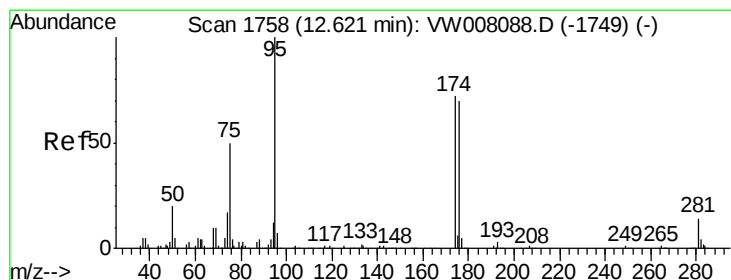
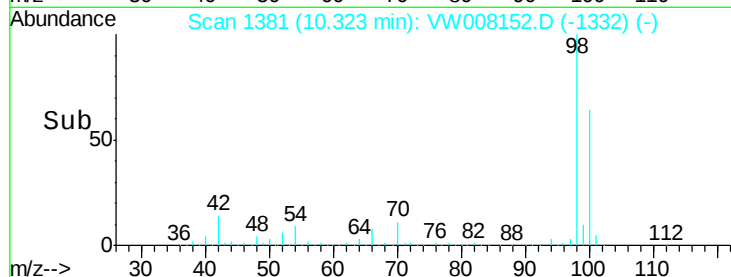
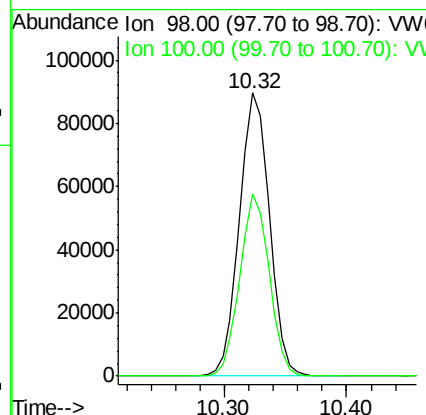
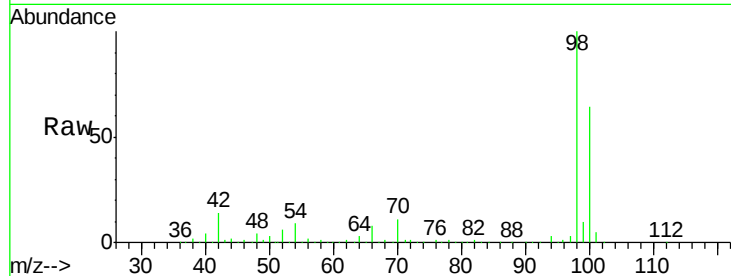




#50
Toluene-d8
Concen: 55.158 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008152.D
Acq: 10 Jan 2019 16:48

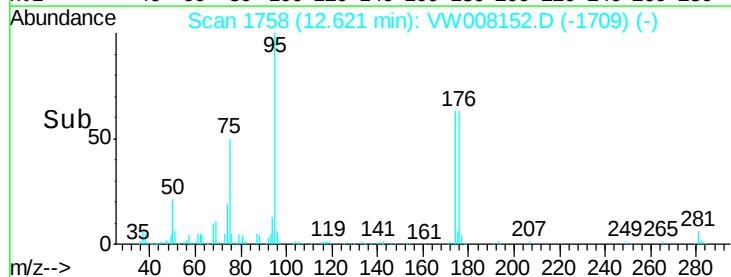
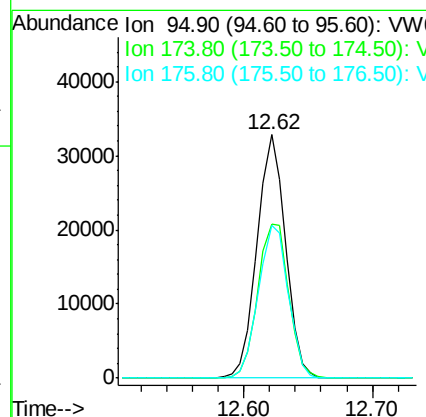
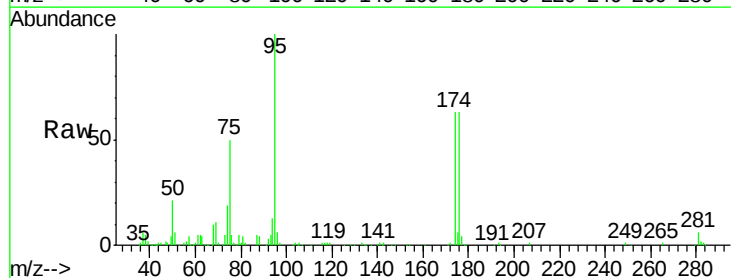
Instrument :
MSVOA_W
ClientSampleId :
BASIN-9

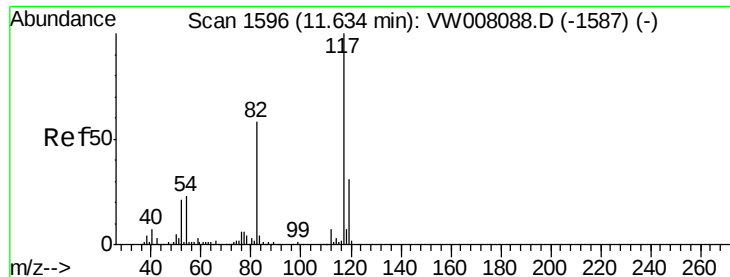
Tot Ion: 98 Resp: 152856
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.386 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008152.D
Acq: 10 Jan 2019 16:48

Tgt Ion: 95 Resp: 50057
Ion Ratio Lower Upper
95 100
174 68.6 0.0 143.0
176 66.1 0.0 140.2

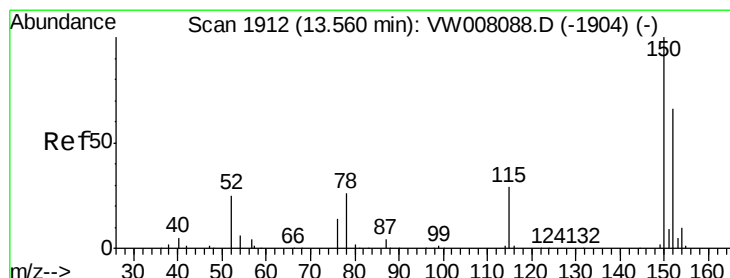
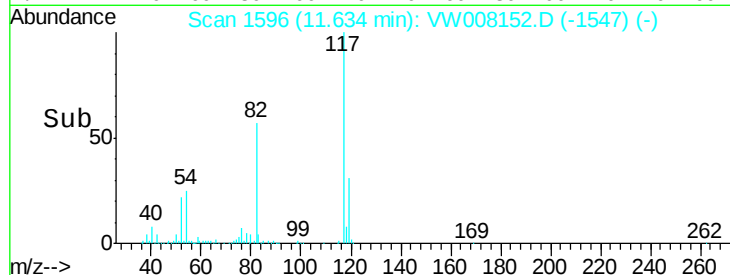
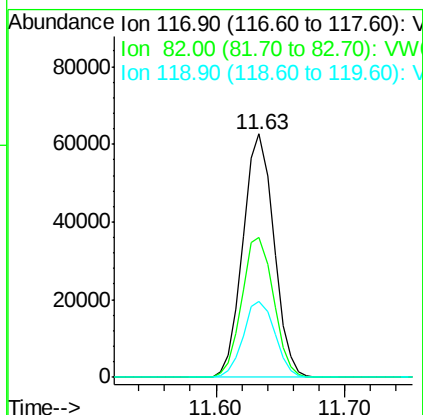
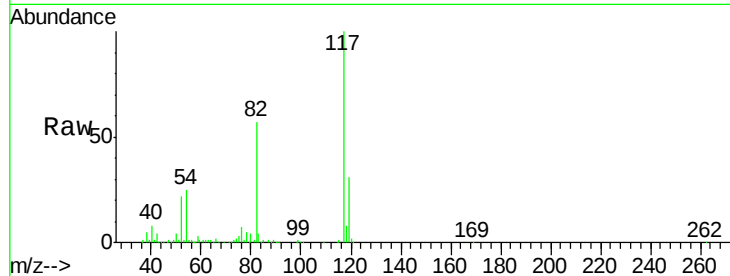




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008152.D
Acq: 10 Jan 2019 16:48

Instrument :
MSVOA_W
ClientSampled :
BASIN-9

Tot Ion:117 Resp: 104289
Ion Ratio Lower Upper
117 100
82 57.5 46.4 69.6
119 30.9 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: VW008152.D
Acq: 10 Jan 2019 16:48

Tgt Ion:152 Resp: 45027
Ion Ratio Lower Upper
152 100
115 63.9 30.8 92.4
150 156.8 0.0 350.2

