

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012219\
 Data File : VW008390.D
 Acq On : 22 Jan 2019 15:56
 Operator : SY/VA
 Sample : K1220-02
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-1A

Quant Time: Jan 23 01:36:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	205840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	190378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88362	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51242	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
35) Dibromofluoromethane	7.88	113	48517	36.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.84%	
50) Toluene-d8	10.32	98	182403	35.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.68%	
62) 4-Bromofluorobenzene	12.62	95	60112	32.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.94%	

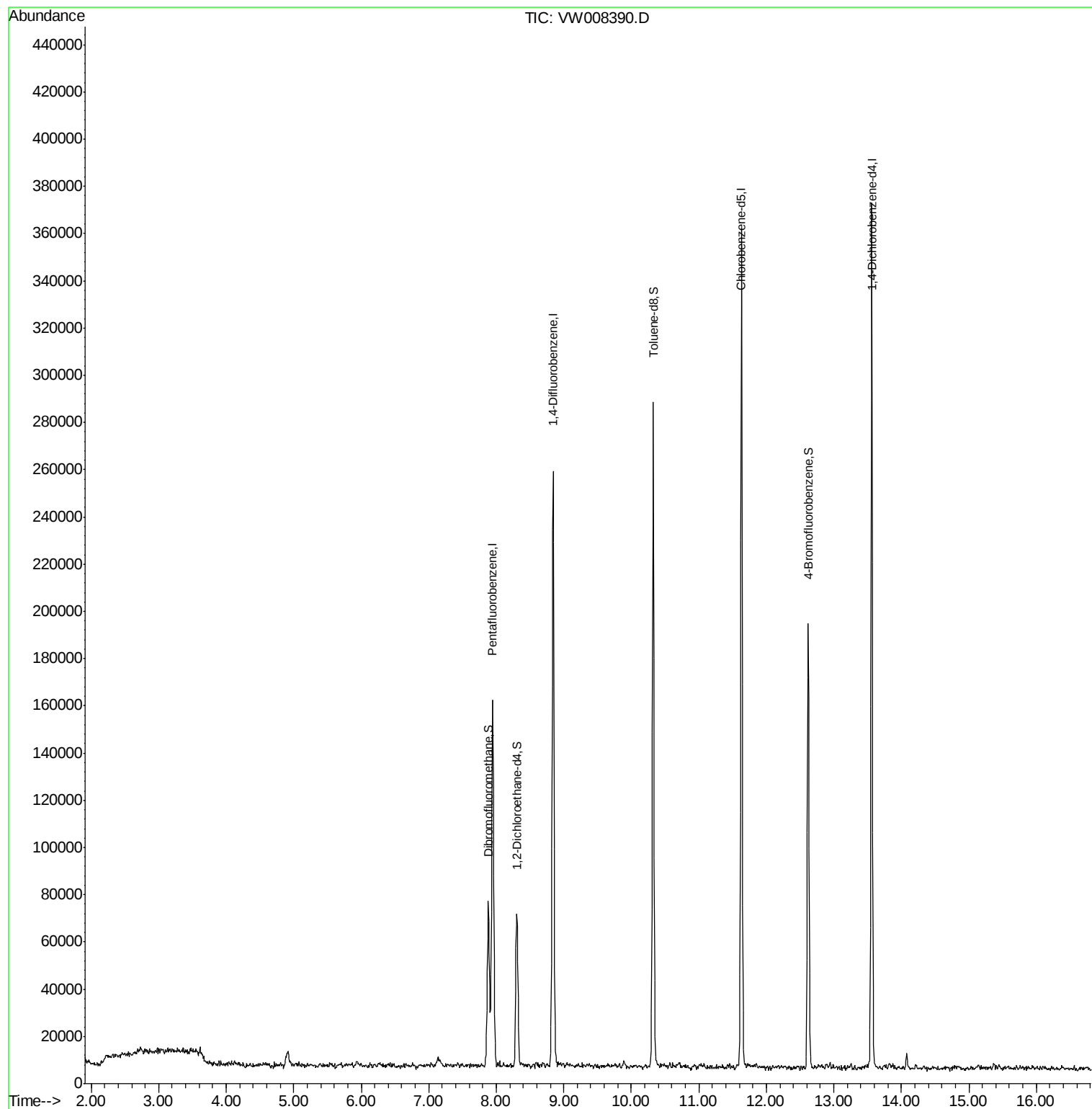
Target Compounds	Qvalue
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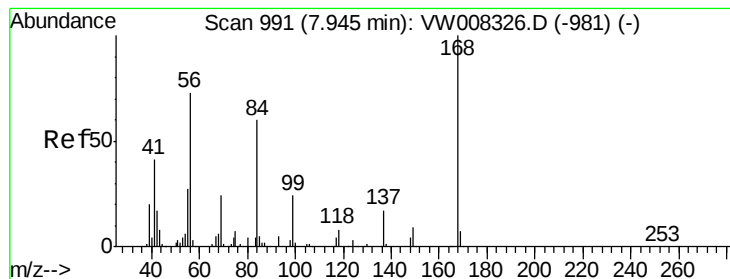
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008390.D

Acq: 22 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

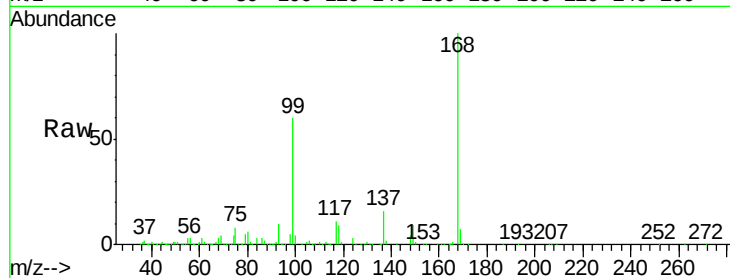
S-1A

Tot Ion:168 Resp: 110618

Ion Ratio Lower Upper

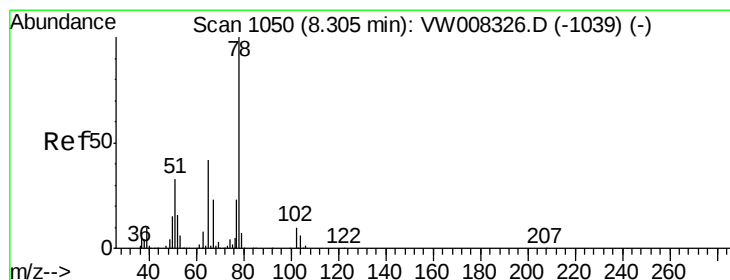
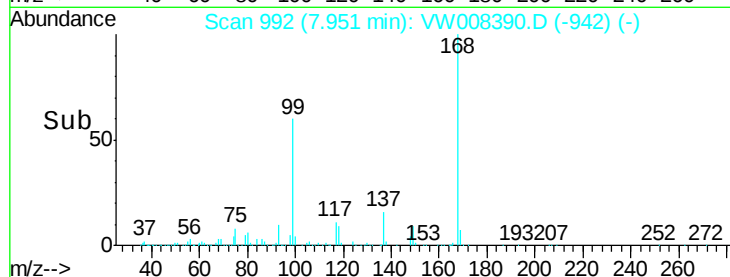
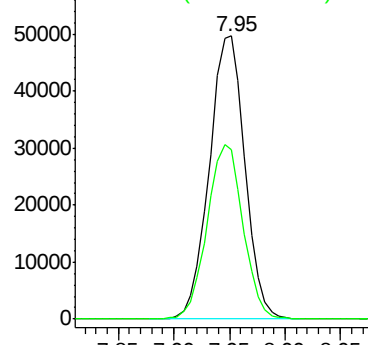
168 100

99 60.0 44.6 66.8



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: 44.532 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008390.D

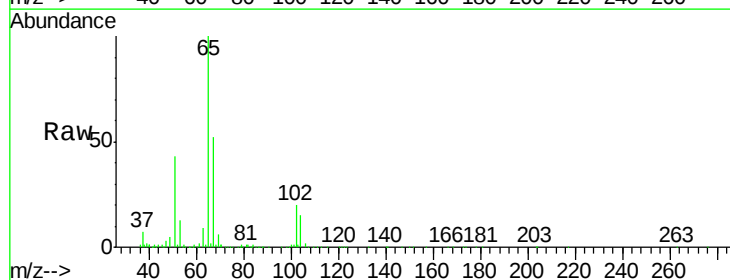
Acq: 22 Jan 2019 15:56

Tgt Ion: 65 Resp: 51242

Ion Ratio Lower Upper

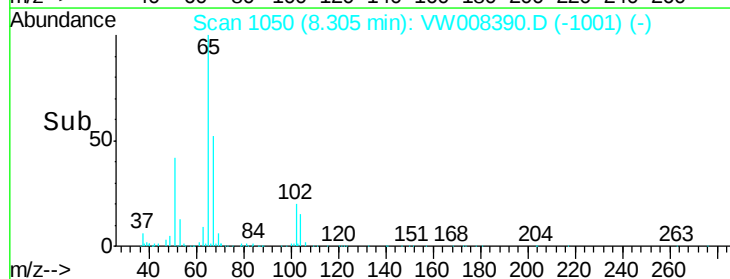
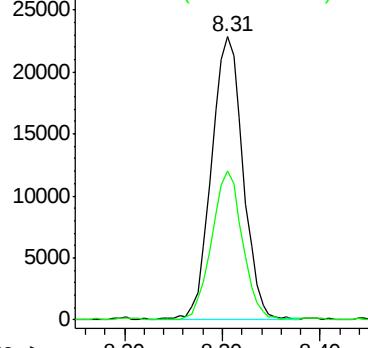
65 100

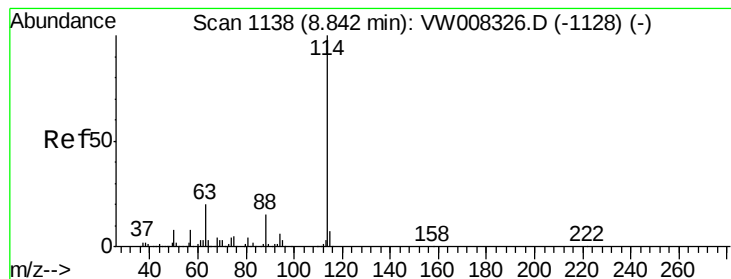
67 51.3 0.0 106.2



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: VW008390.D

Acq: 22 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

S-1A

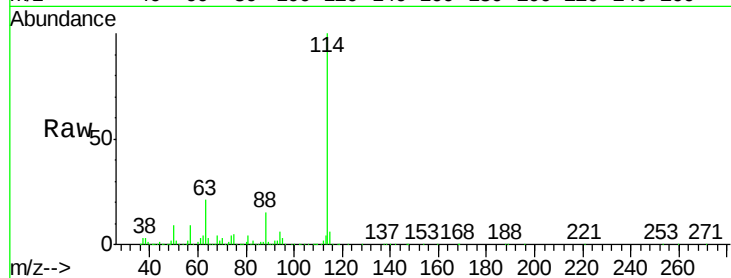
Tot Ion:114 Resp: 205840

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

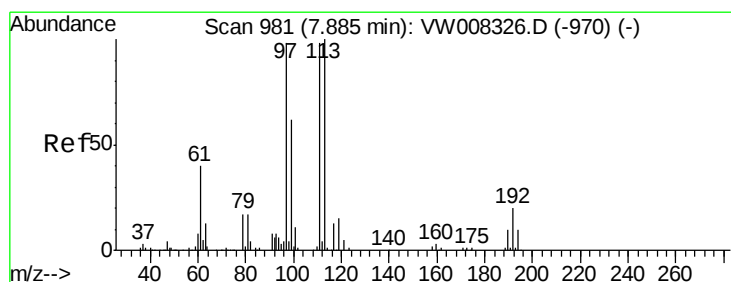
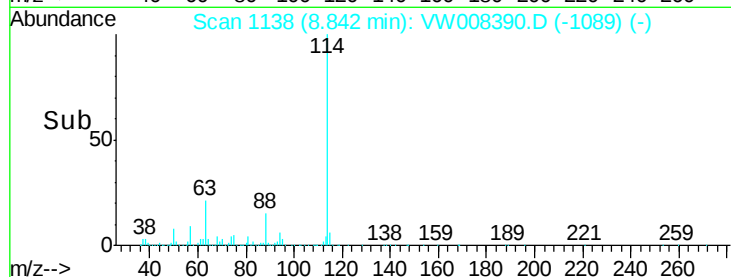
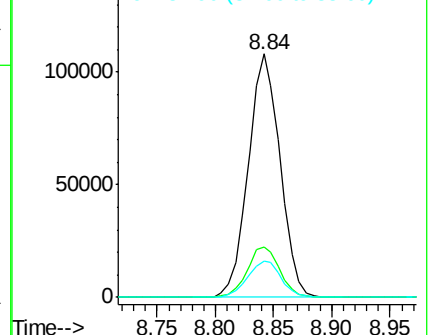
88 15.0 0.0 30.4



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: 36.925 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008390.D

Acq: 22 Jan 2019 15:56

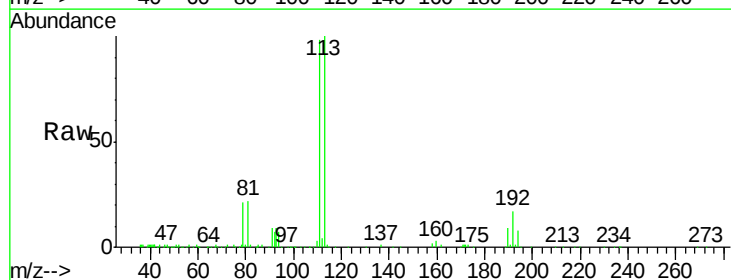
Tgt Ion:113 Resp: 48517

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

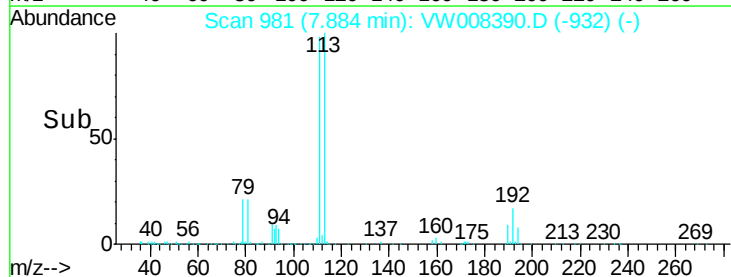
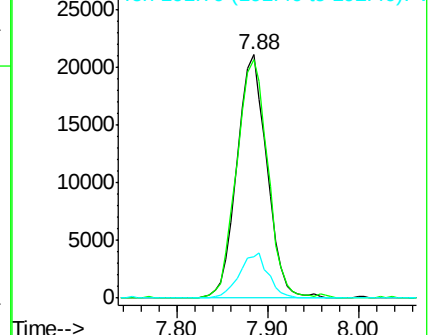
192 17.7 16.3 24.5

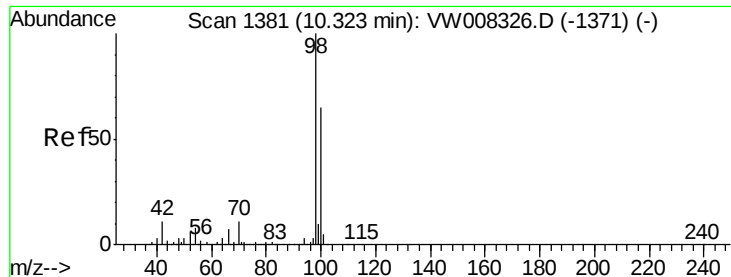


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 35.336 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008390.D

Acq: 22 Jan 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

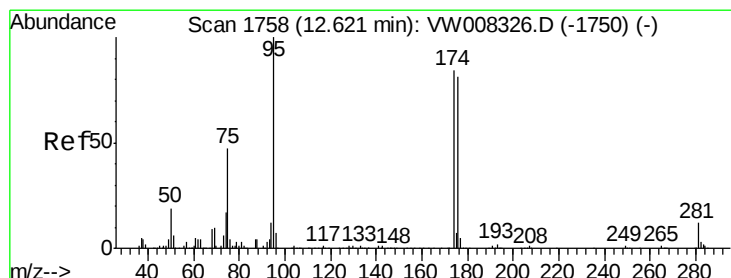
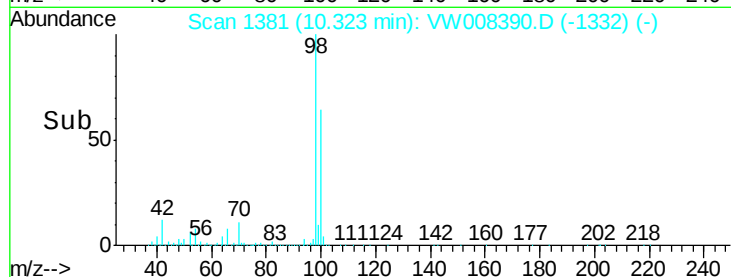
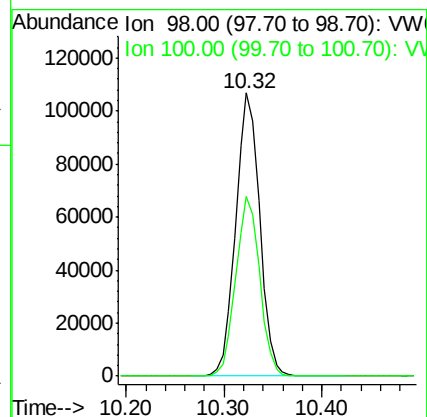
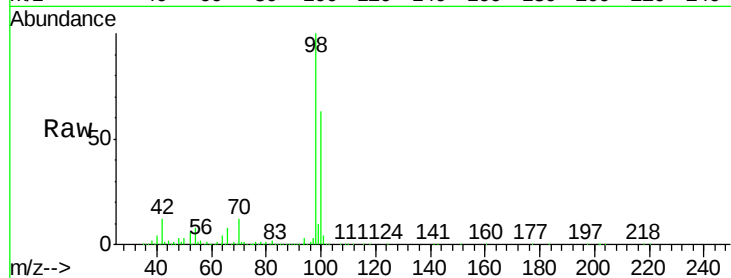
S-1A

Tot Ion: 98 Resp: 182403

Ion Ratio Lower Upper

98 100

100 63.2 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 32.470 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008390.D

Acq: 22 Jan 2019 15:56

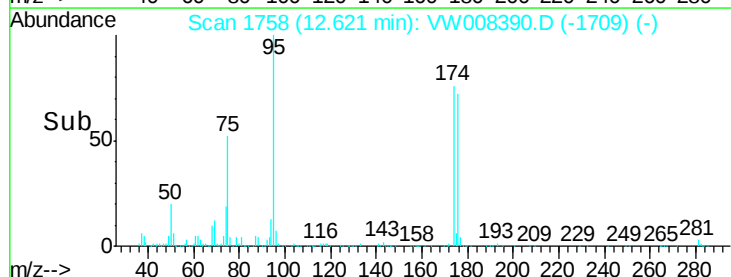
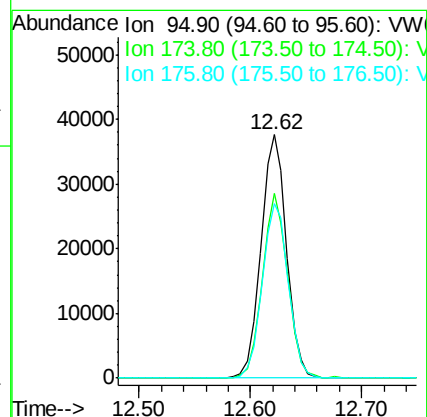
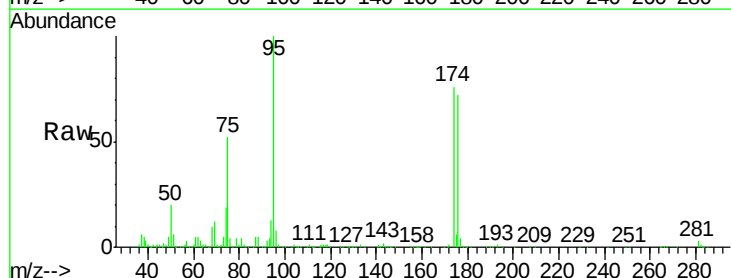
Tgt Ion: 95 Resp: 60112

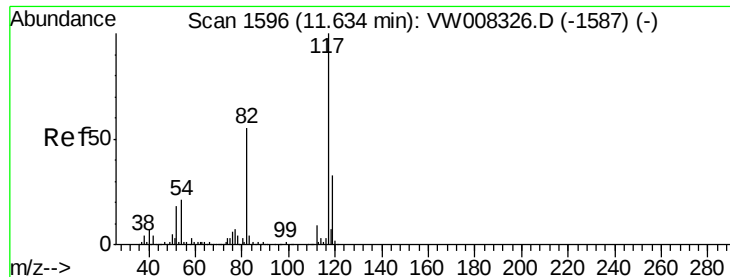
Ion Ratio Lower Upper

95 100

174 74.9 0.0 166.0

176 73.2 0.0 160.0

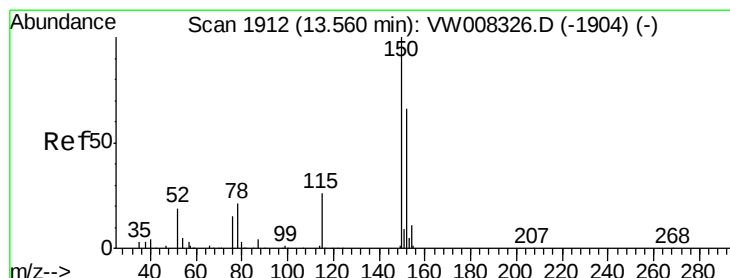
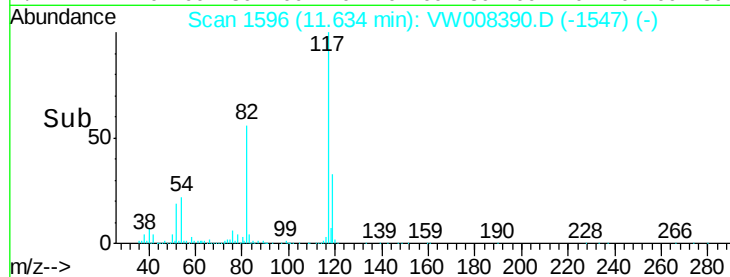
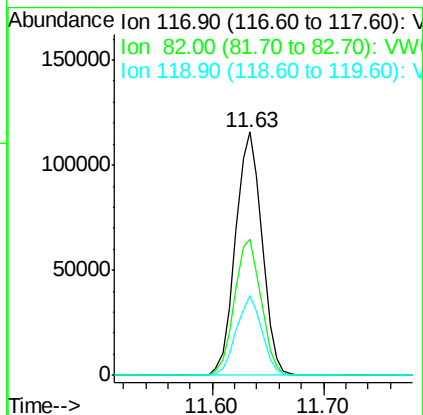
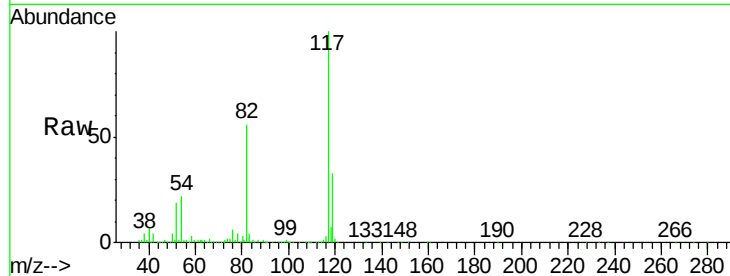




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008390.D
Acq: 22 Jan 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
S-1A

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.3	66.5
119	32.5	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008390.D
Acq: 22 Jan 2019 15:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	28.8	86.4
150	158.5	0.0	351.4

