

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011481.D
 Acq On : 24 Jul 2019 17:59
 Operator : SY/VA
 Sample : K3983-05
 Misc : 6.45G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-5

Quant Time: Jul 25 05:28:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	112859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	170363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	134960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	46726	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65348	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
35) Dibromofluoromethane	7.88	113	51270	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.32	98	202702	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.62	95	58897	39.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.30%	

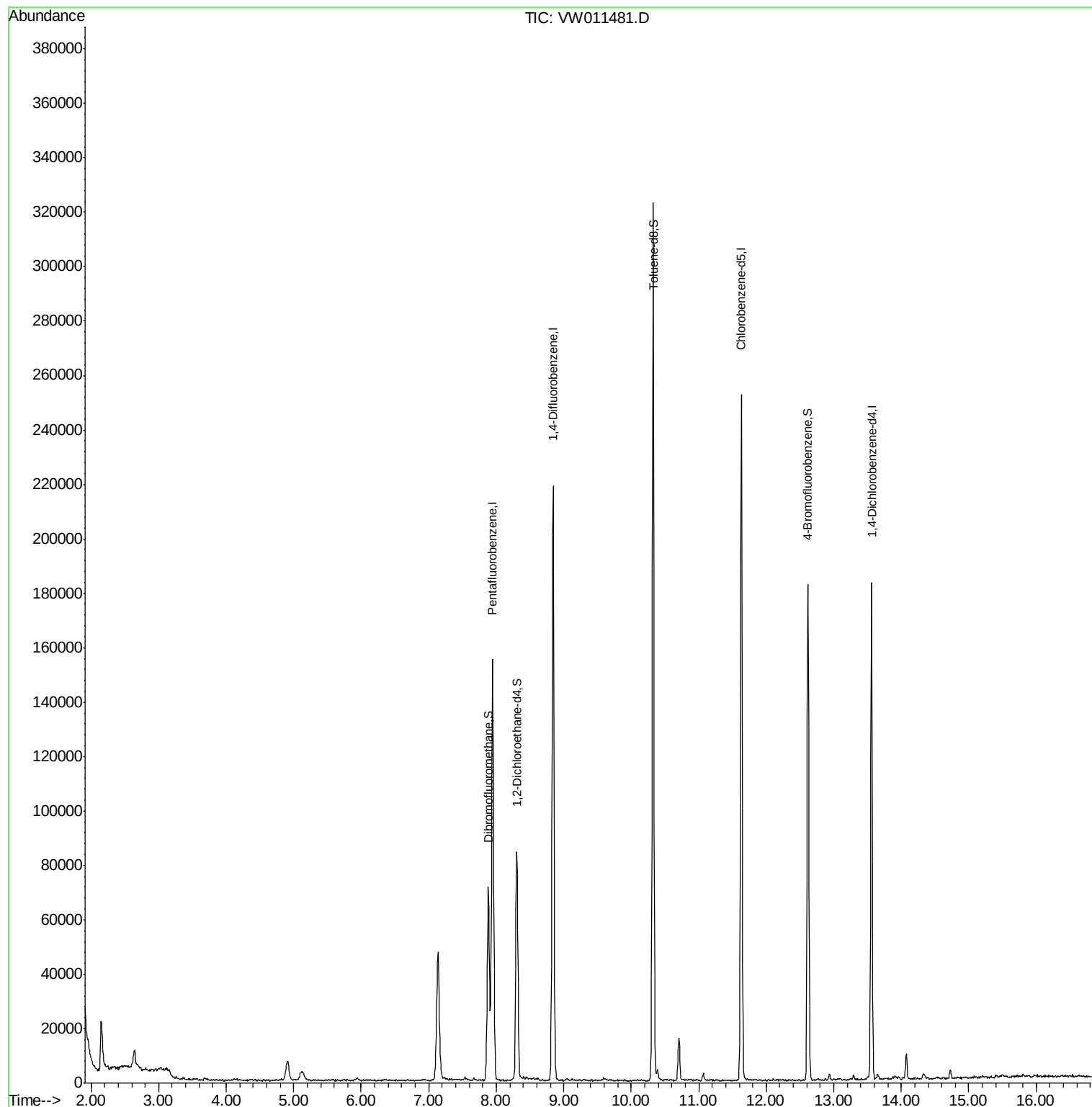
Target Compounds	Qvalue

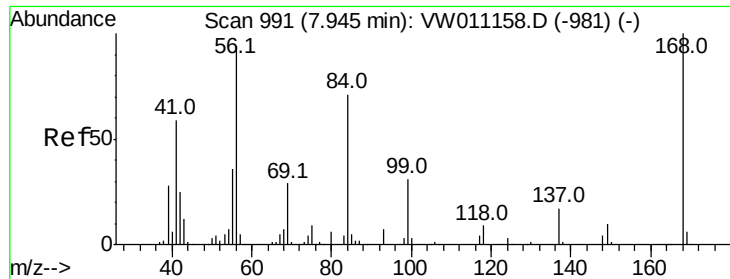
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011481.D

Acq: 24 Jul 2019 17:59

Instrument :

MSVOA_W

ClientSampled :

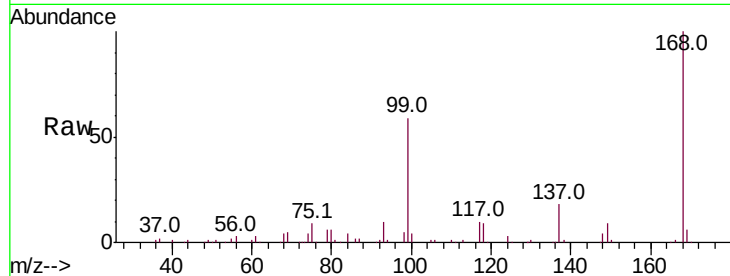
SP-5

Tot Ion:168 Resp: 112859

Ion Ratio Lower Upper

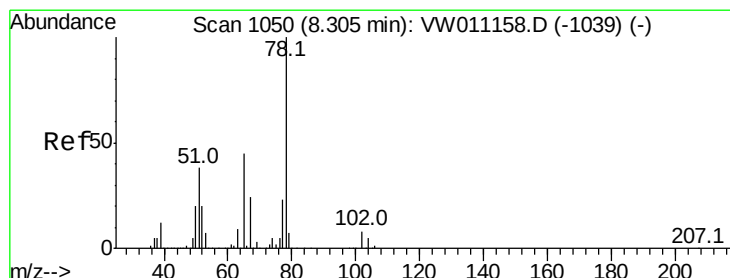
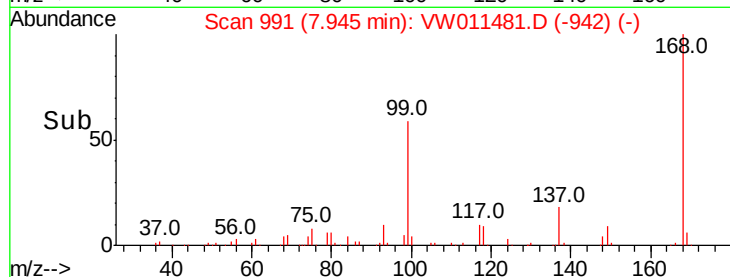
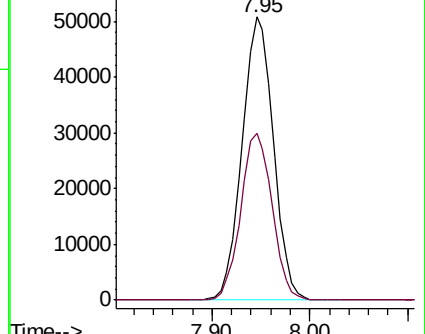
168 100

99 59.0 50.1 75.1



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: 46.081 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011481.D

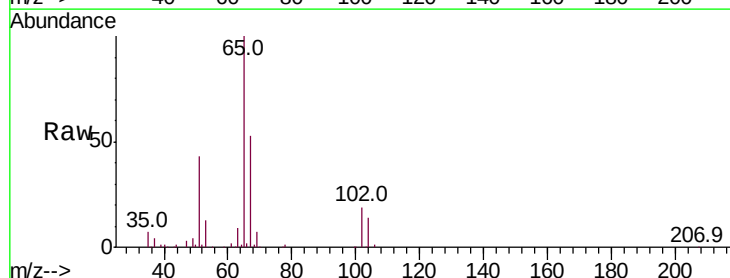
Acq: 24 Jul 2019 17:59

Tgt Ion: 65 Resp: 65348

Ion Ratio Lower Upper

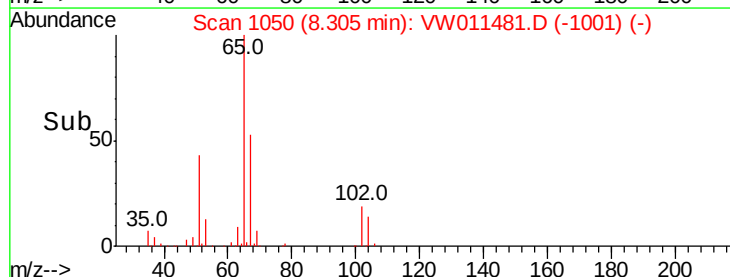
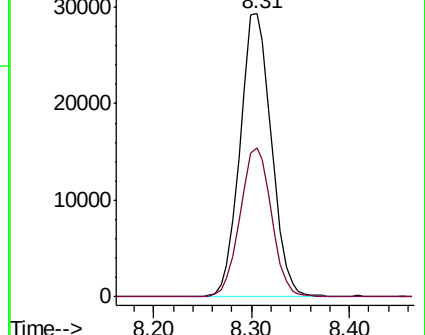
65 100

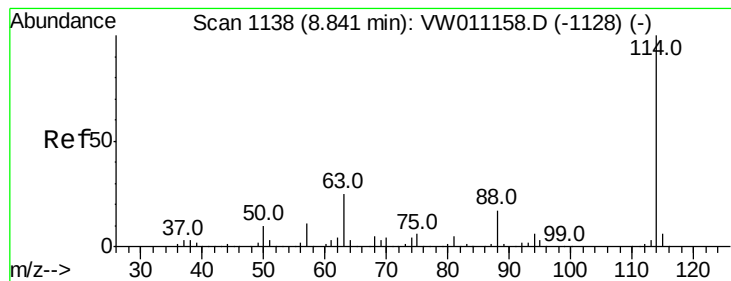
67 52.7 0.0 104.4



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: VW011481.D

Acq: 24 Jul 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

SP-5

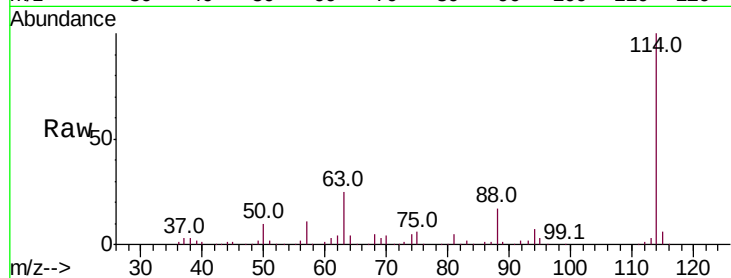
Tot Ion:114 Resp: 170363

Ion Ratio Lower Upper

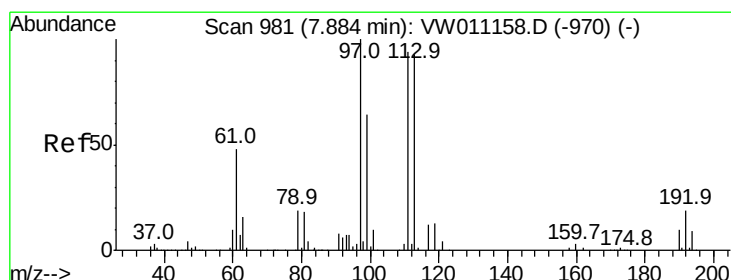
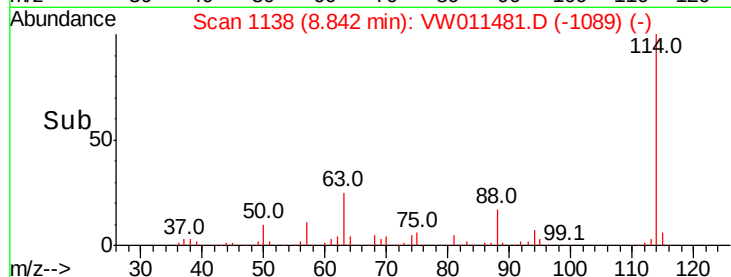
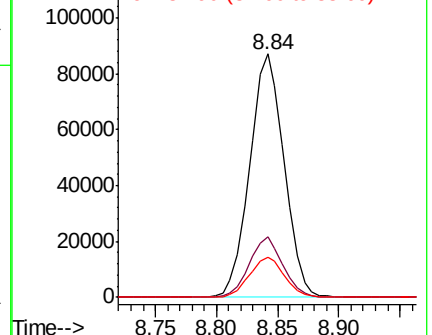
114 100

63 24.9 0.0 50.8

88 16.5 0.0 34.2



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: 50.490 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011481.D

Acq: 24 Jul 2019 17:59

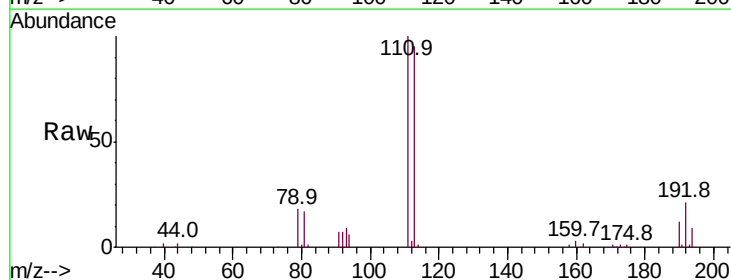
Tgt Ion:113 Resp: 51270

Ion Ratio Lower Upper

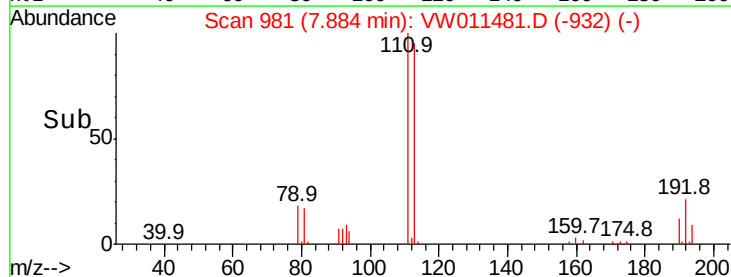
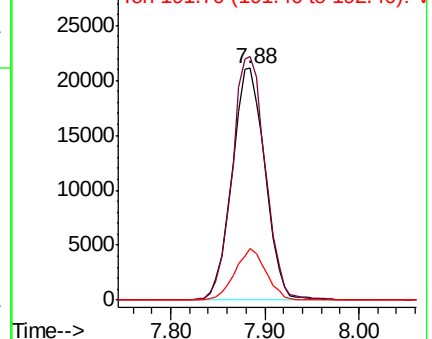
113 100

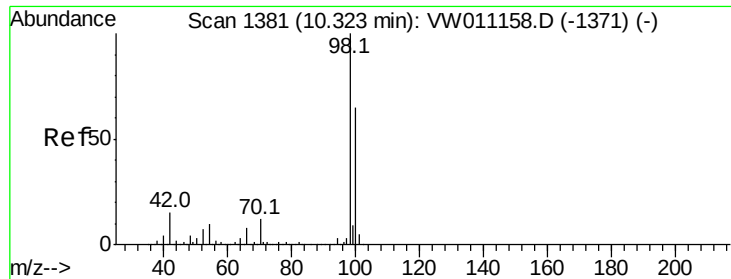
111 105.2 82.4 123.6

192 20.8 15.8 23.8



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

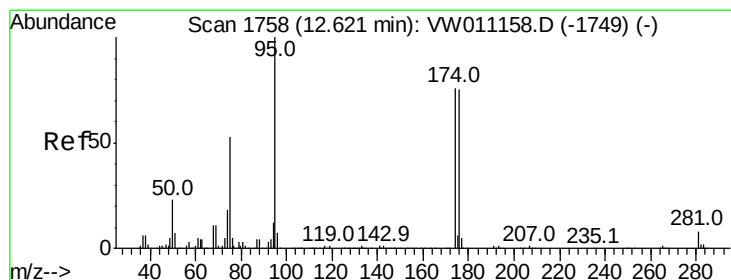
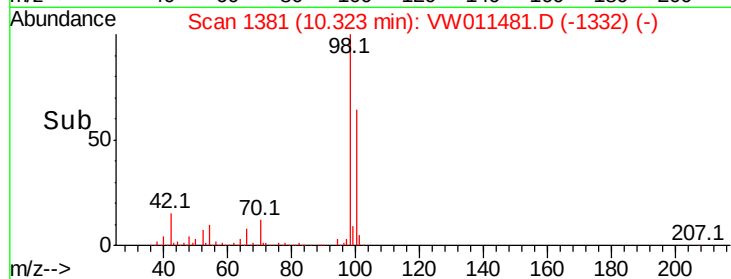
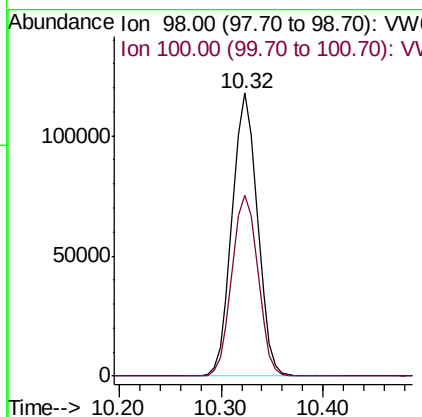
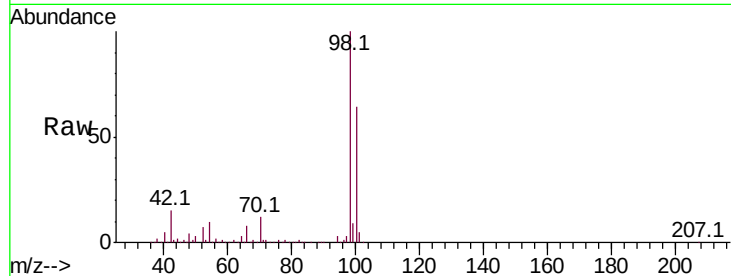




#50
Toluene-d8
Concen: 49.385 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011481.D
Acq: 24 Jul 2019 17:59

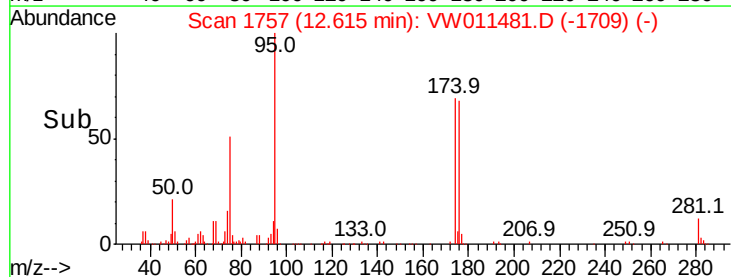
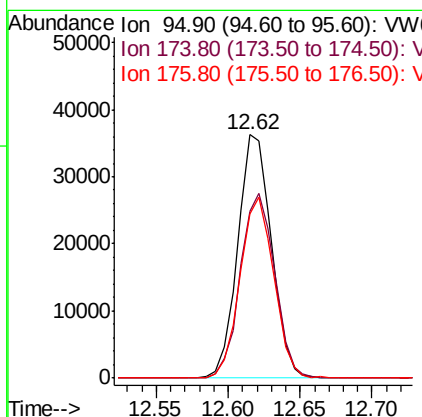
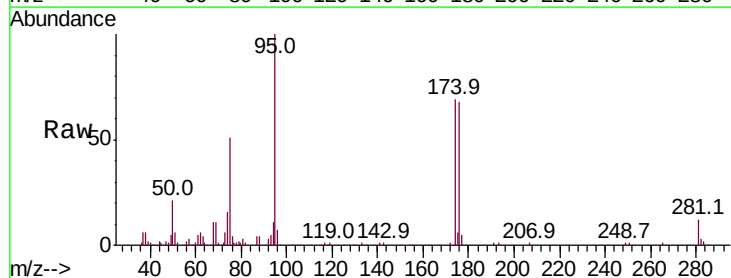
Instrument :
MSVOA_W
ClientSampled :
SP-5

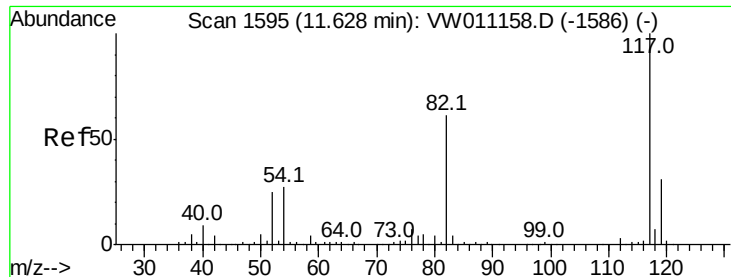
Tot Ion: 98 Resp: 202702
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.148 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011481.D
Acq: 24 Jul 2019 17:59

Tgt Ion: 95 Resp: 58897
Ion Ratio Lower Upper
95 100
174 77.3 0.0 147.6
176 74.1 0.0 144.6

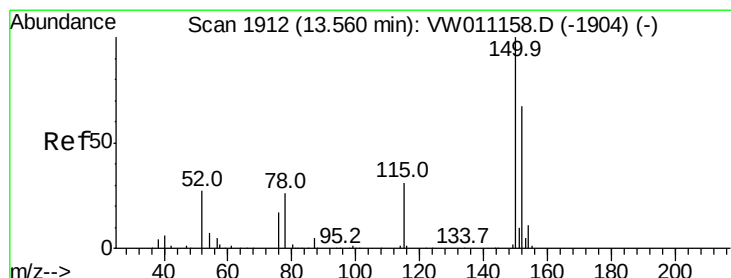
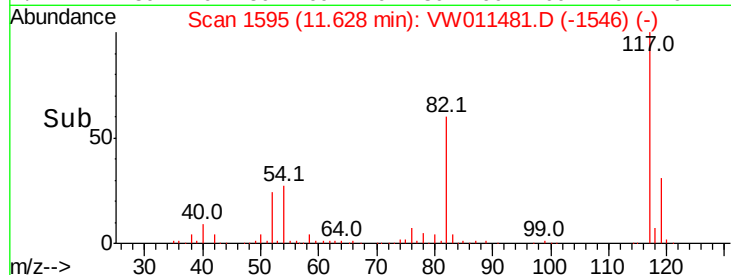
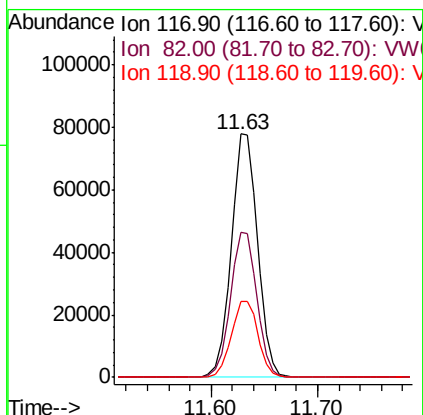
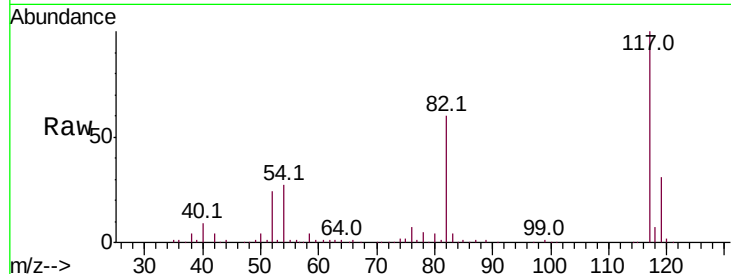




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011481.D
Acq: 24 Jul 2019 17:59

Instrument :
MSVOA_W
ClientSampled :
SP-5

Tot Ion:117 Resp: 134960
Ion Ratio Lower Upper
117 100
82 59.7 48.9 73.3
119 31.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011481.D
Acq: 24 Jul 2019 17:59

Tgt Ion:152 Resp: 46726
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.3
150 152.9 0.0 346.0

