

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011478.D
 Acq On : 24 Jul 2019 16:40
 Operator : SY/VA
 Sample : K3983-02
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-2

Quant Time: Jul 25 05:07:29 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	263880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	441526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120434	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164455	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	7.88	113	131961	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.32	98	528167	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.62	95	153047	39.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.50%	

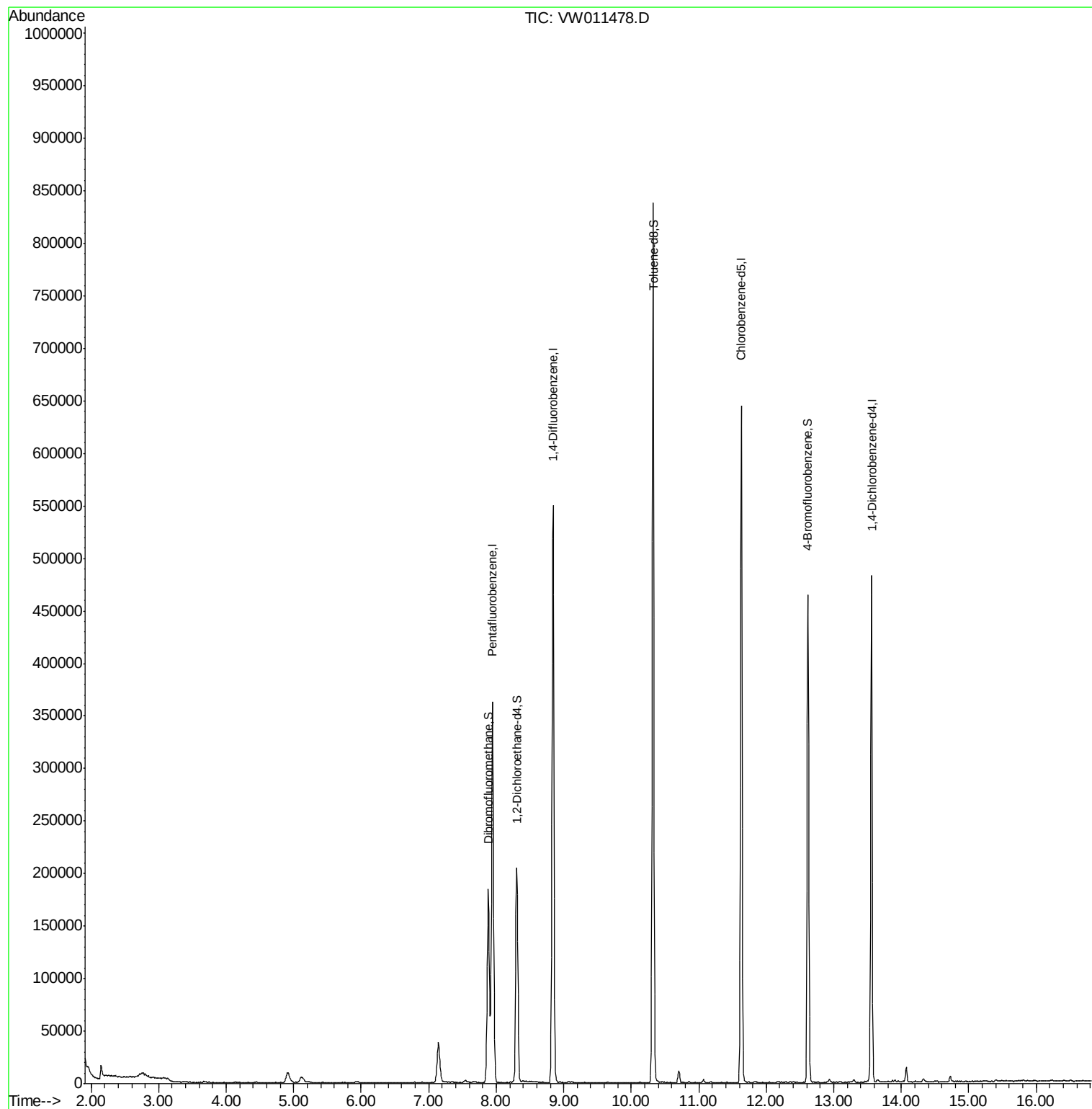
Target Compounds	Qvalue

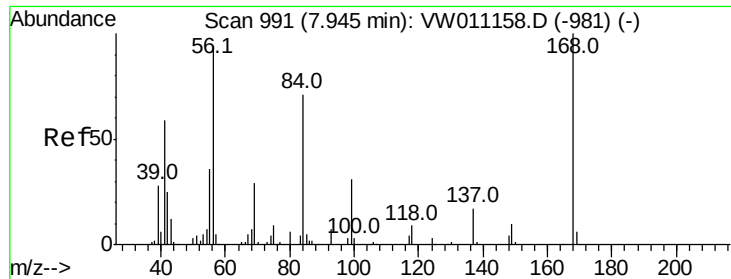
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011478.D

Acq: 24 Jul 2019 16:40

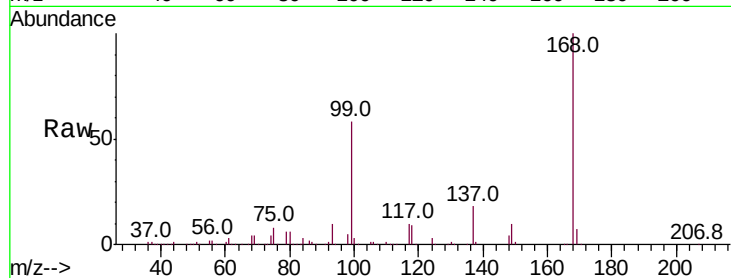
Instrument :
MSVOA_W
ClientSampled :
SP-2

Tot Ion:168 Resp: 263880

Ion Ratio Lower Upper

168 100

99 58.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

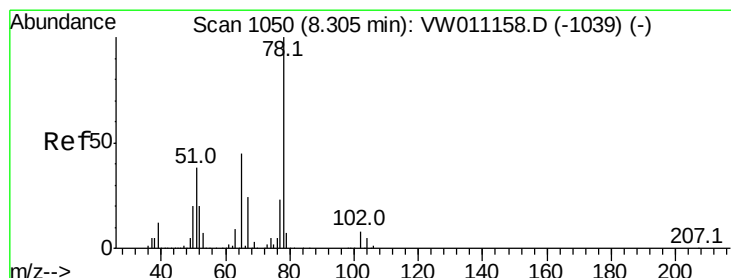
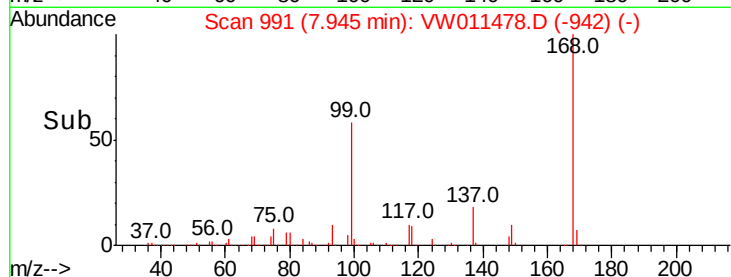
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.598 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011478.D

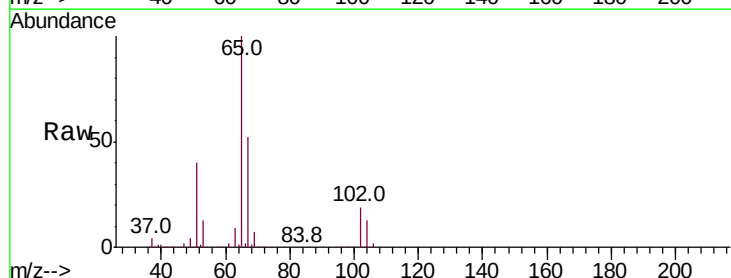
Acq: 24 Jul 2019 16:40

Tgt Ion: 65 Resp: 164455

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

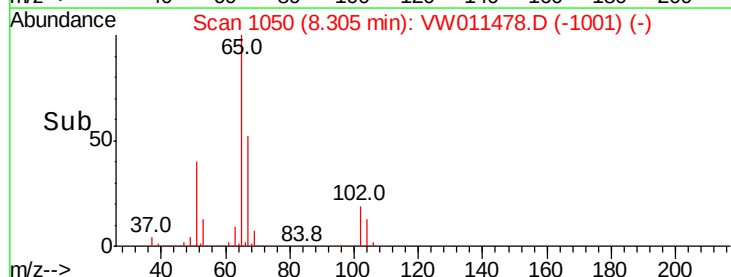
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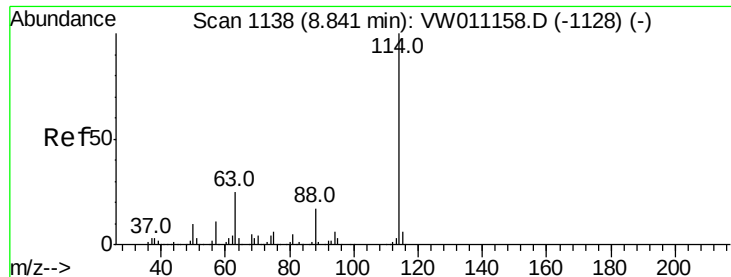
20000

0

8.20 8.30 8.40

Time-->

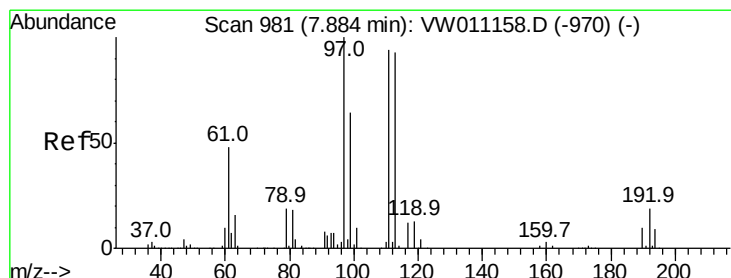
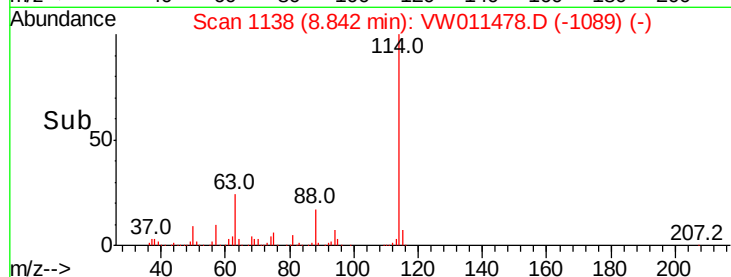
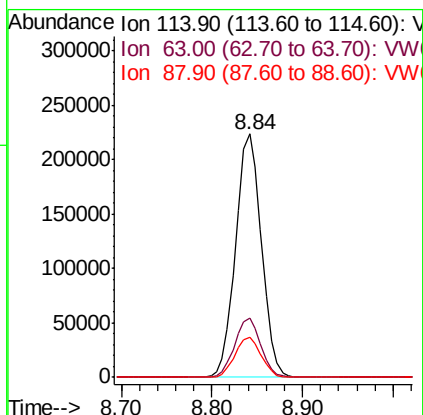
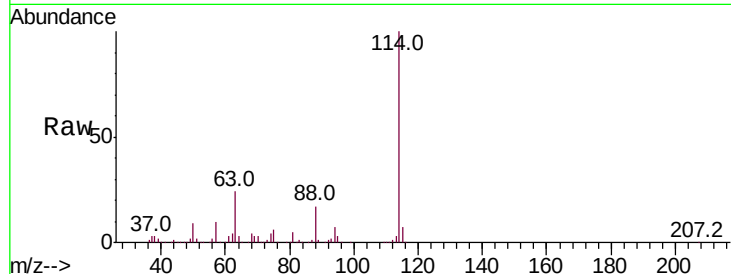




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

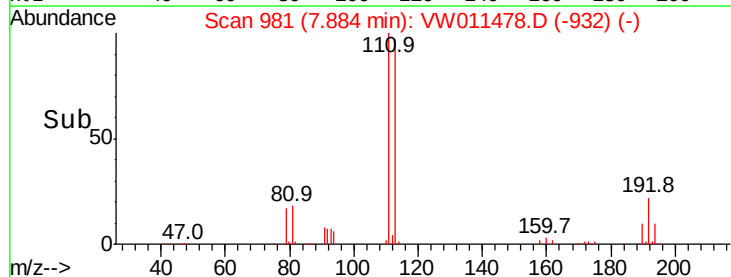
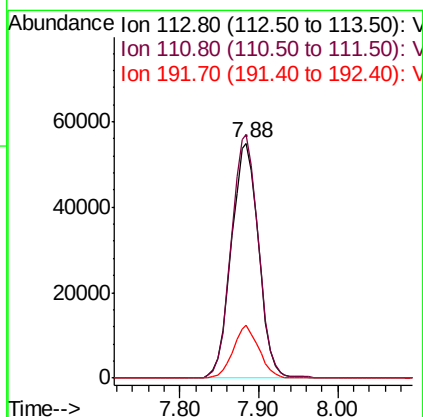
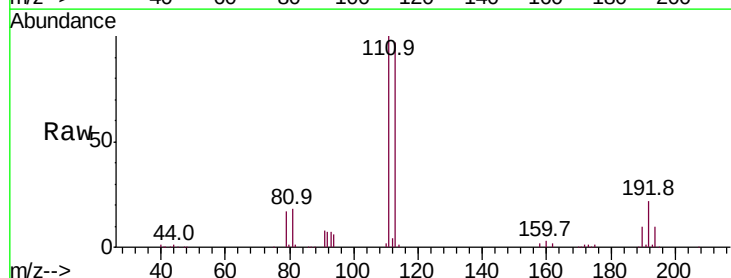
Instrument :
MSVOA_W
ClientSampleId :
SP-2

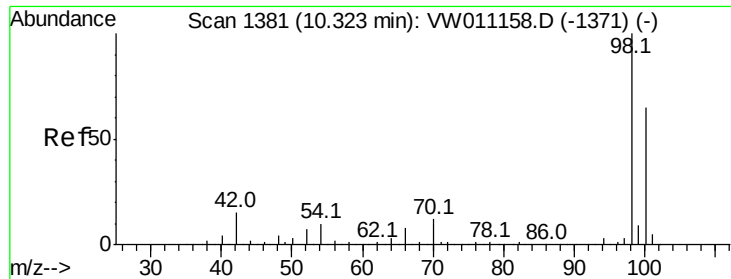
Tot Ion:114 Resp: 441526
Ion Ratio Lower Upper
114 100
63 24.3 0.0 50.8
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.143 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

Tgt Ion:113 Resp: 131961
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 21.1 15.8 23.8

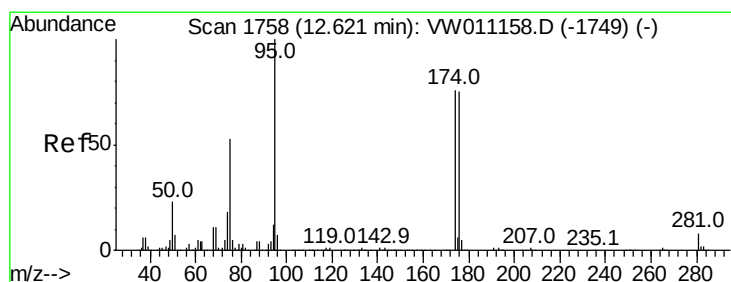
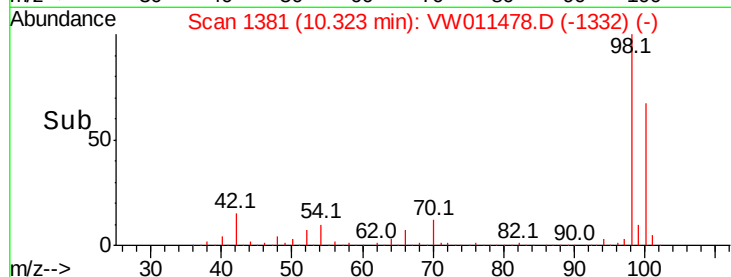
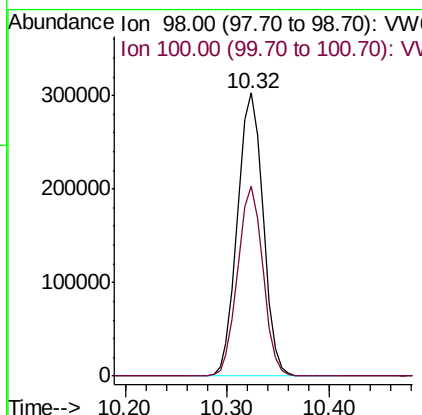
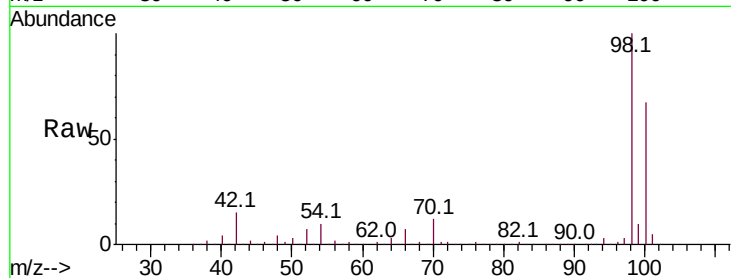




#50
Toluene-d8
Concen: 49.651 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

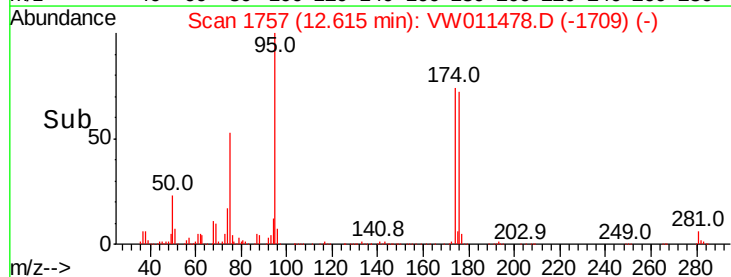
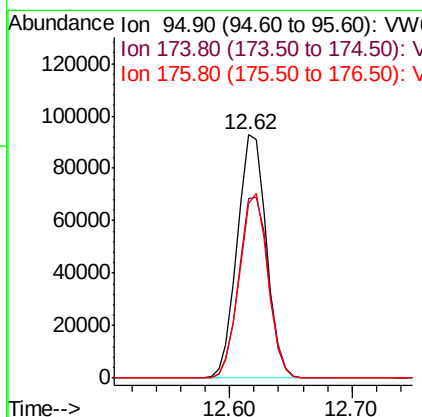
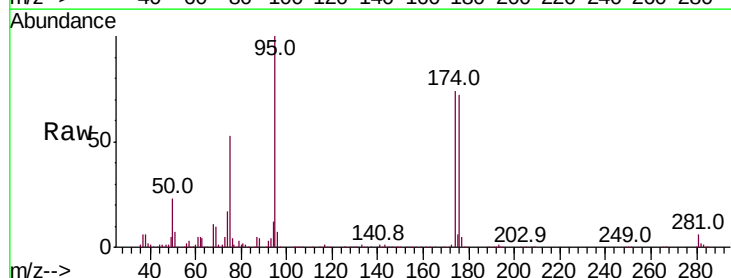
Instrument :
MSVOA_W
ClientSampleId :
SP-2

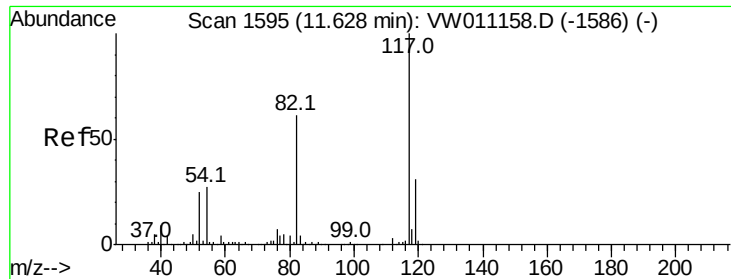
Tot Ion: 98 Resp: 528167
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.252 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

Tgt Ion: 95 Resp: 153047
Ion Ratio Lower Upper
95 100
174 76.4 0.0 147.6
176 74.3 0.0 144.6

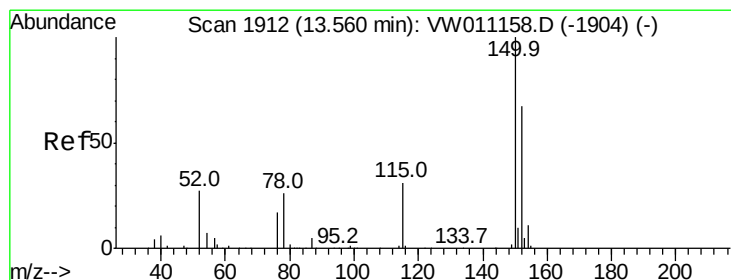
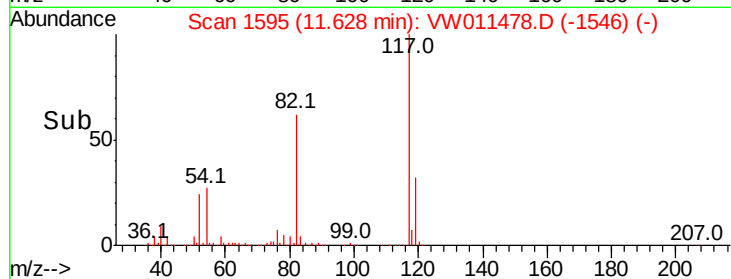
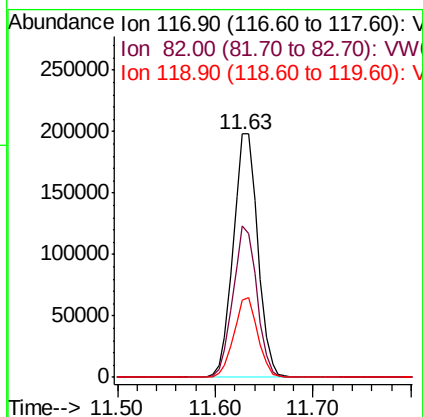
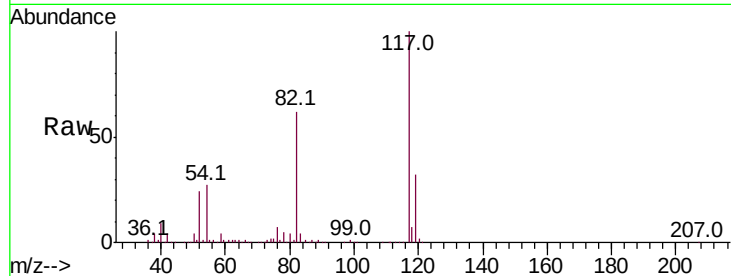




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011478.D
Acq: 24 Jul 2019 16:40

Instrument :
MSVOA_W
ClientSampled :
SP-2

Tot Ion:117 Resp: 344186
Ion Ratio Lower Upper
117 100
82 62.0 48.9 73.3
119 31.9 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: VW011478.D
Acq: 24 Jul 2019 16:40

Tgt Ion:152 Resp: 120434
Ion Ratio Lower Upper
152 100
115 61.6 30.1 90.3
150 156.2 0.0 346.0

