

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011715.D
 Acq On : 05 Aug 2019 17:49
 Operator : SY/VA
 Sample : K4136-04RE
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-C3-(0-1)RE

Quant Time: Aug 06 08:57:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100367	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136957	61.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.14%	
35) Dibromofluoromethane	7.88	113	103840	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	
50) Toluene-d8	10.32	98	396366	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.62	95	121931	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	

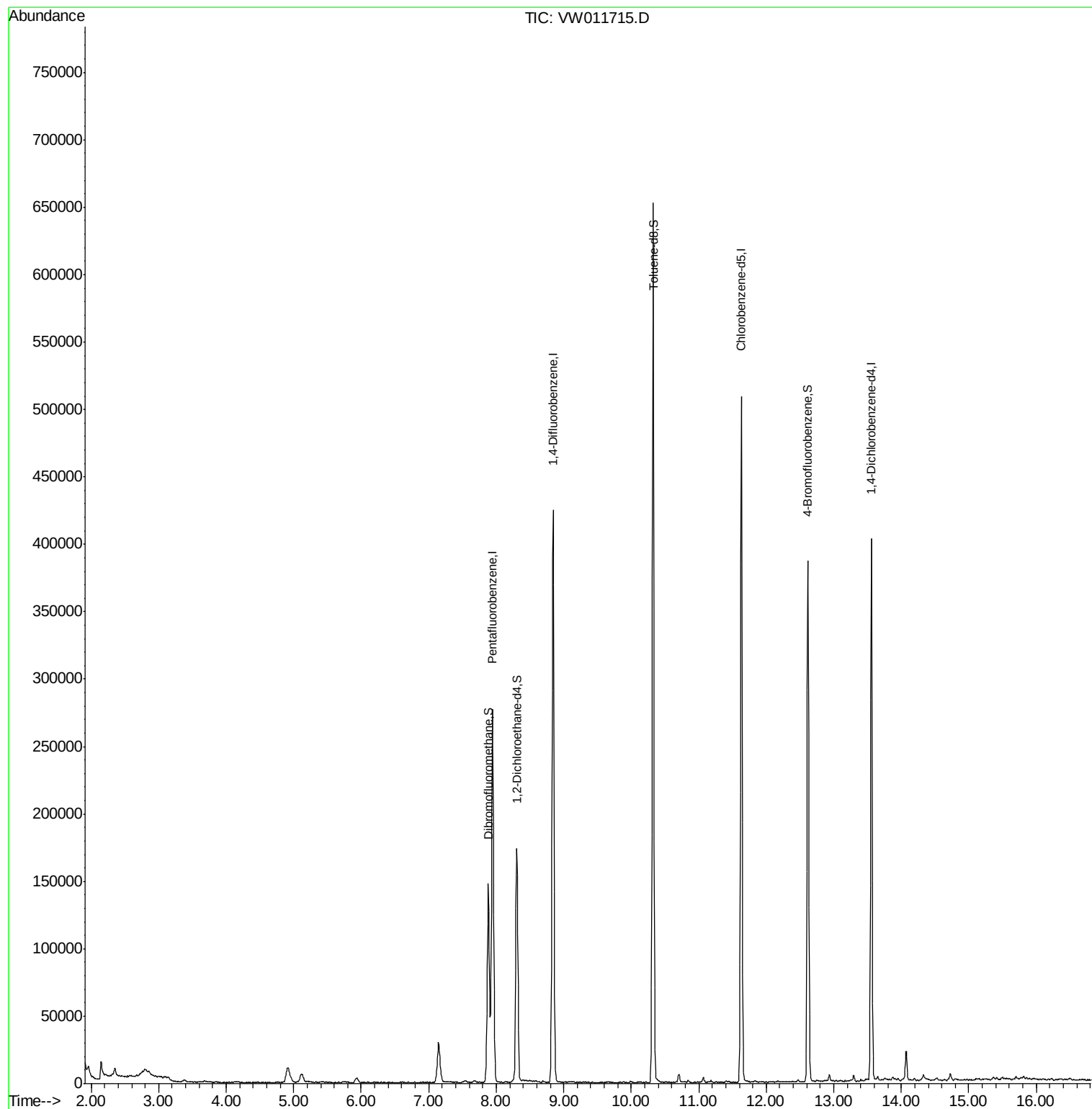
Target Compounds	Qvalue

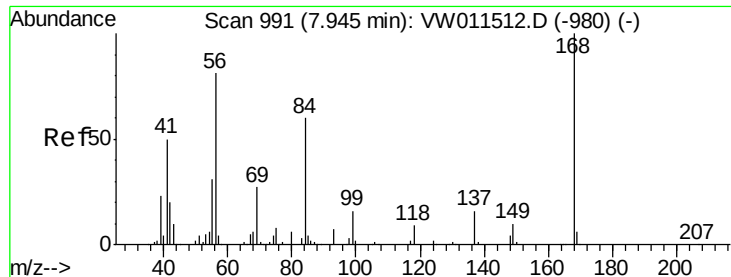
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

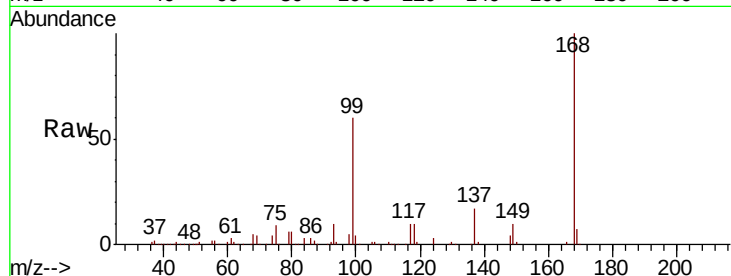
1S-C3-(0-1)RE

Tot Ion:168 Resp: 195311

Ion Ratio Lower Upper

168 100

99 60.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

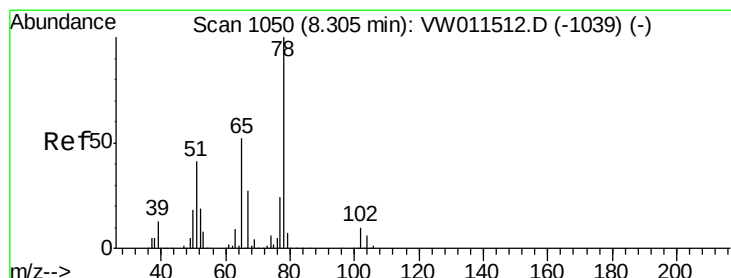
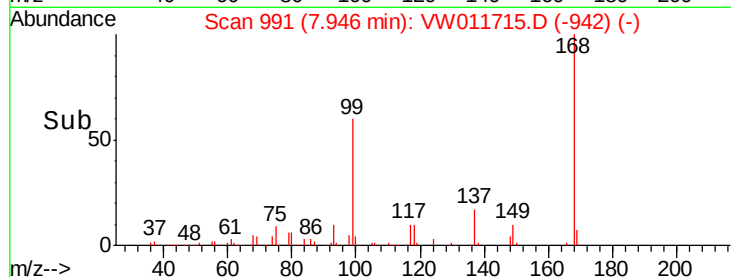
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 61.068 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011715.D

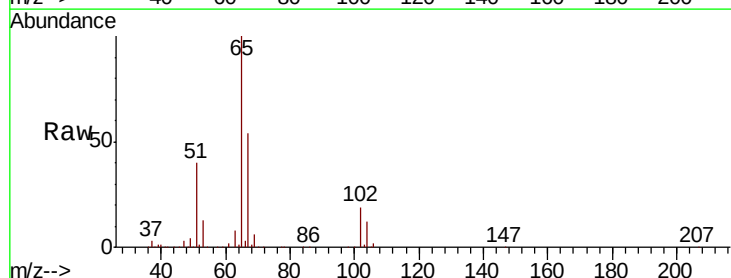
Acq: 05 Aug 2019 17:49

Tgt Ion: 65 Resp: 136957

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

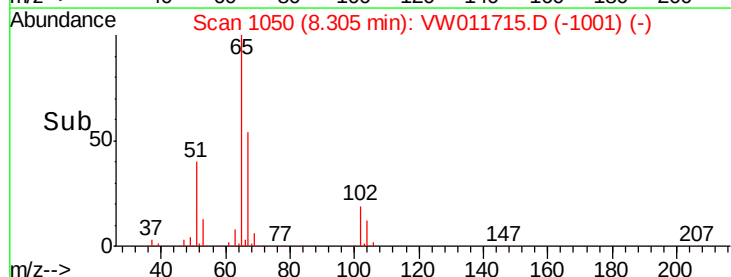
60000

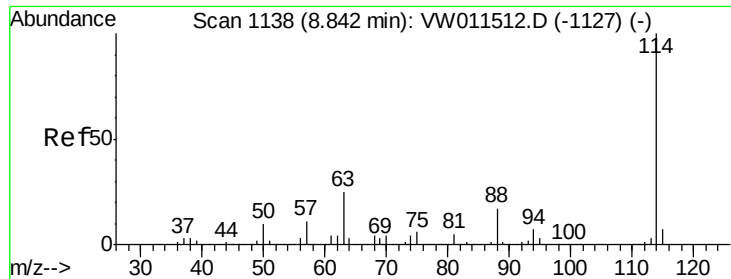
40000

20000

0

Time--> 8.20 8.30 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: VW011715.D

Acq: 05 Aug 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

1S-C3-(0-1)RE

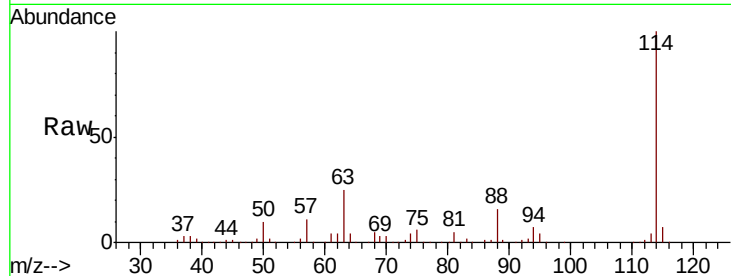
Tot Ion:114 Resp: 329471

Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

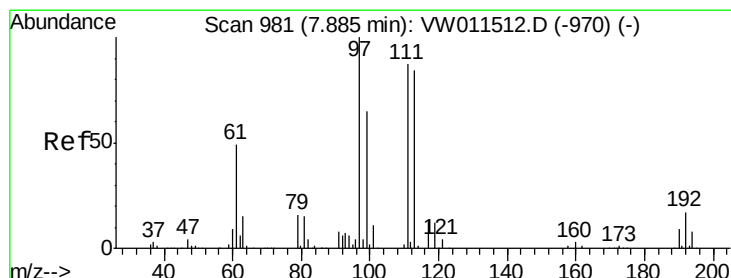
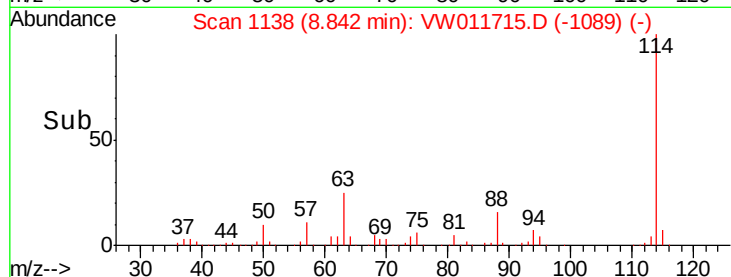
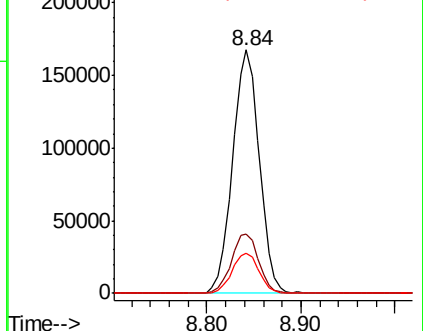
88 16.3 0.0 33.8



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: 56.179 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011715.D

Acq: 05 Aug 2019 17:49

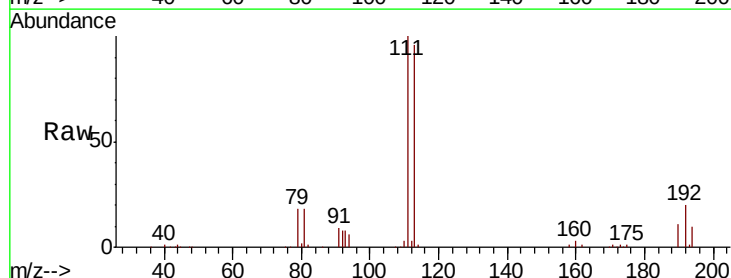
Tgt Ion:113 Resp: 103840

Ion Ratio Lower Upper

113 100

111 102.0 82.7 124.1

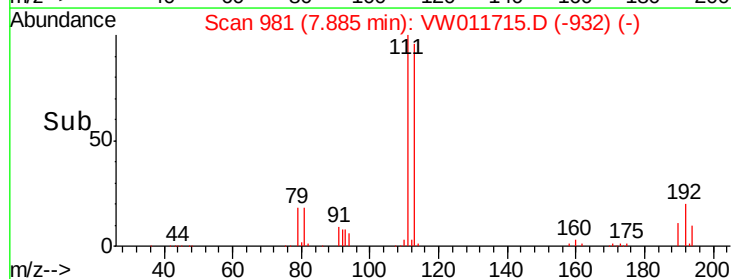
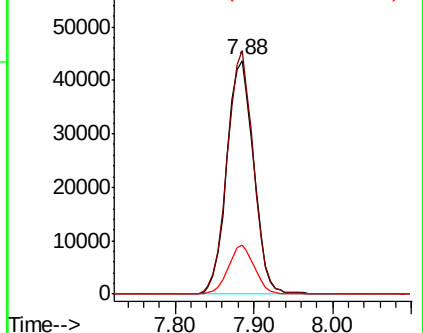
192 20.3 16.1 24.1

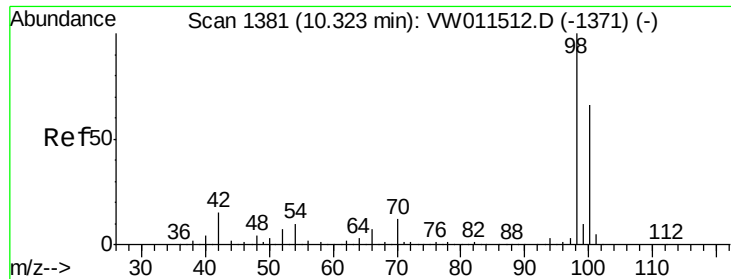


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

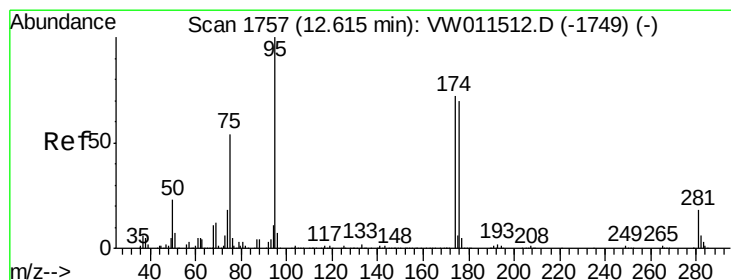
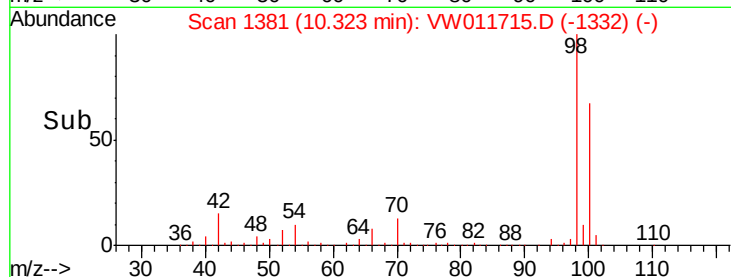
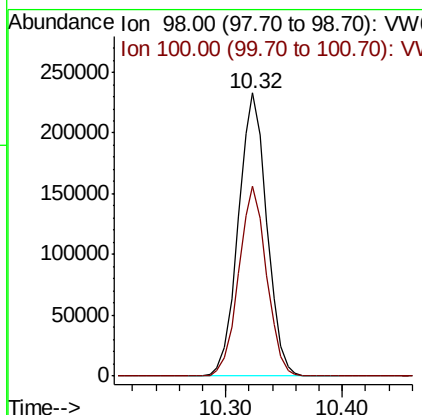
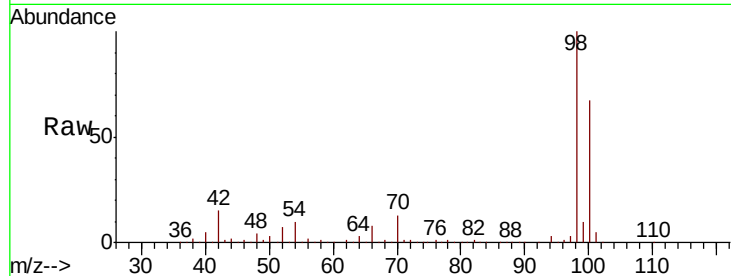




#50
Toluene-d8
Concen: 52.375 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011715.D
Acq: 05 Aug 2019 17:49

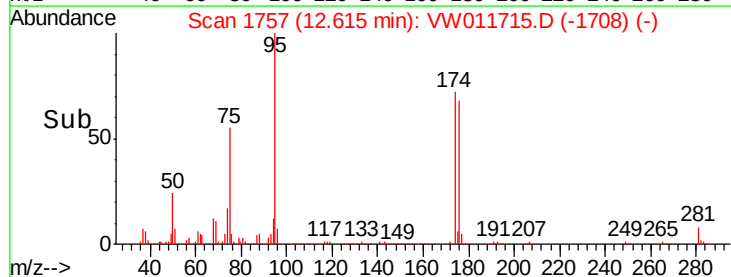
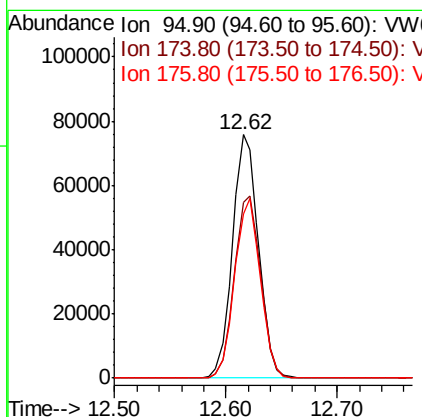
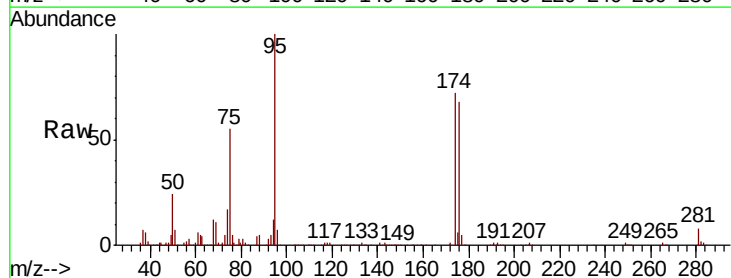
Instrument :
MSVOA_W
ClientSampleId :
1S-C3-(0-1)RE

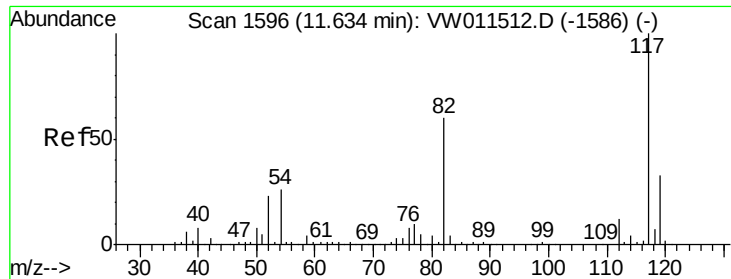
Tot Ion: 98 Resp: 396366
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.192 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011715.D
Acq: 05 Aug 2019 17:49

Tgt Ion: 95 Resp: 121931
Ion Ratio Lower Upper
95 100
174 76.7 0.0 150.2
176 73.3 0.0 144.4

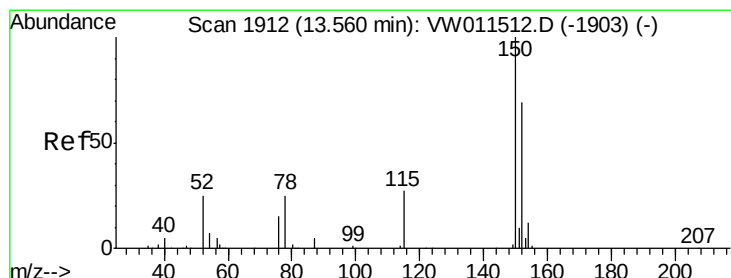
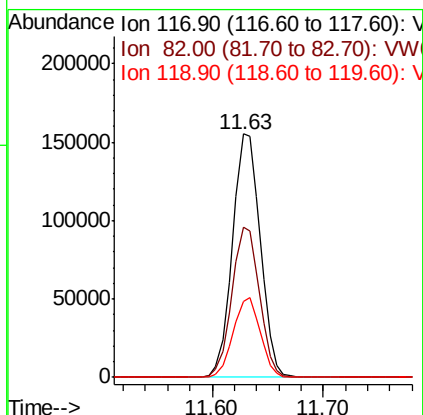
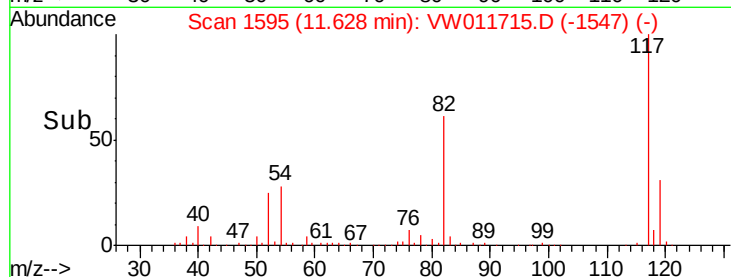
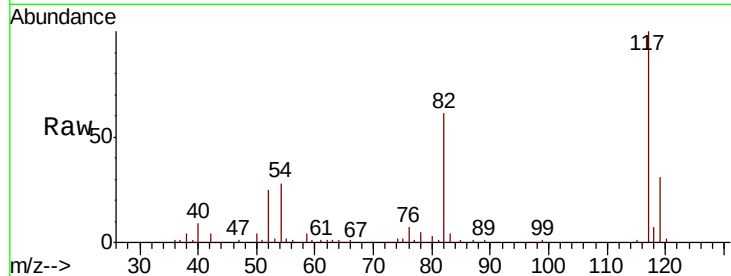




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011715.D
Acq: 05 Aug 2019 17:49

Instrument :
MSVOA_W
ClientSampleId :
1S-C3-(0-1)RE

Tot Ion:117 Resp: 268252
Ion Ratio Lower Upper
117 100
82 61.4 47.9 71.9
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011715.D
Acq: 05 Aug 2019 17:49

Tgt Ion:152 Resp: 100367
Ion Ratio Lower Upper
152 100
115 60.1 30.5 91.5
150 158.0 0.0 352.6

