

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011716.D
 Acq On : 05 Aug 2019 18:15
 Operator : SY/VA
 Sample : K4136-09
 Misc : 5.94G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-C3-(30)

Quant Time: Aug 06 08:58:51 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	213510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	352166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106884	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	134484	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
35) Dibromofluoromethane	7.88	113	106342	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
50) Toluene-d8	10.32	98	429700	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.62	95	130745	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	

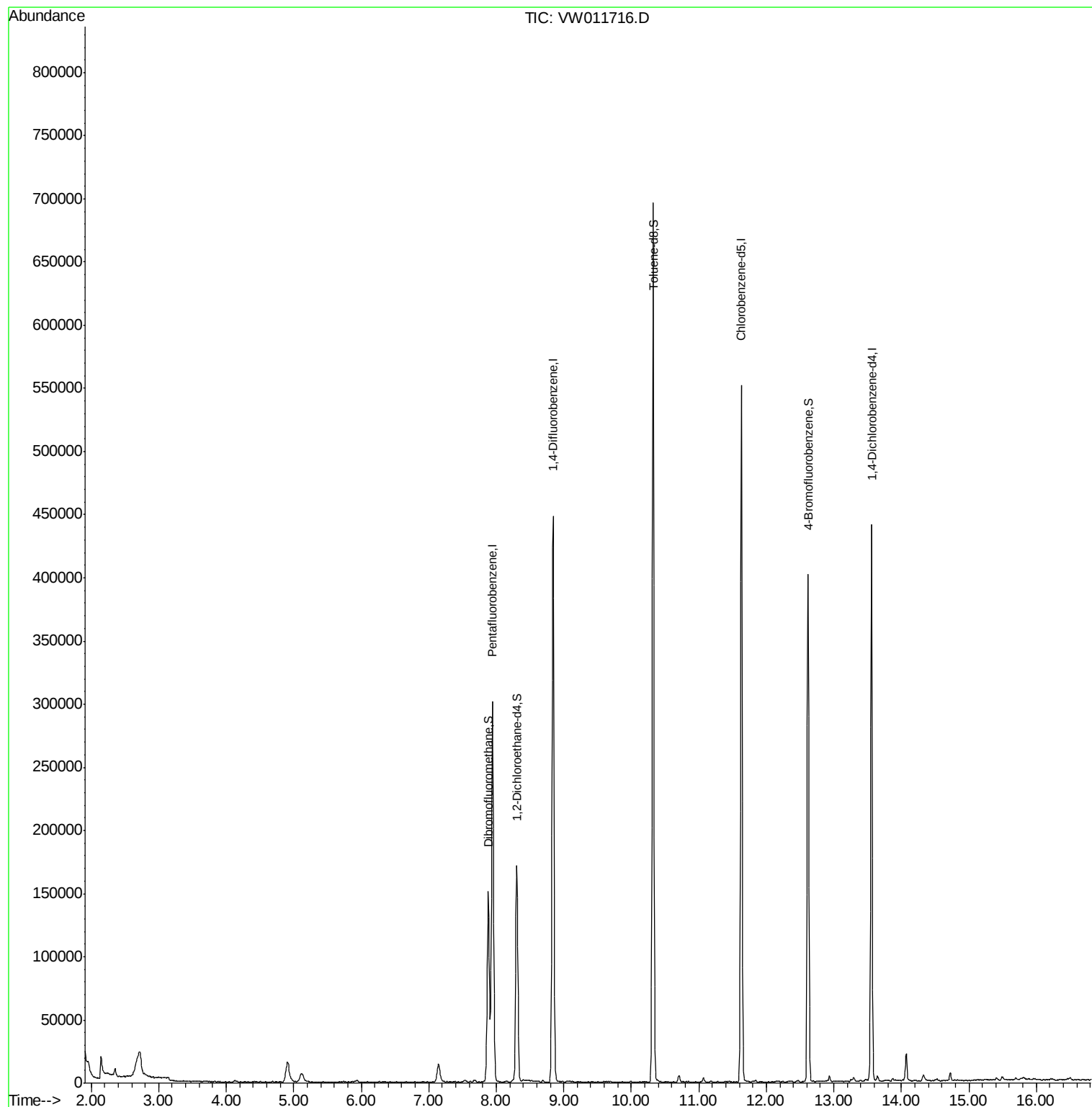
Target Compounds	Qvalue

(#) = 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: VW011716.D

Acq: 05 Aug 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

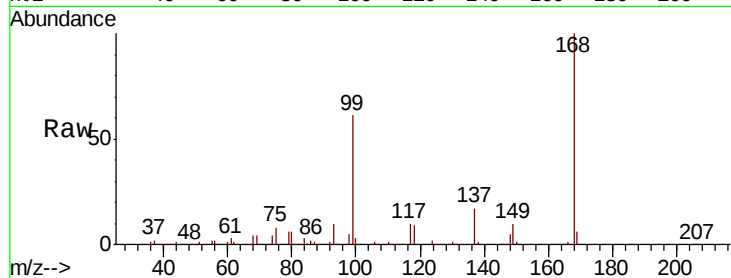
1S-C3-(30)

Tot Ion:168 Resp: 213510

Ion Ratio Lower Upper

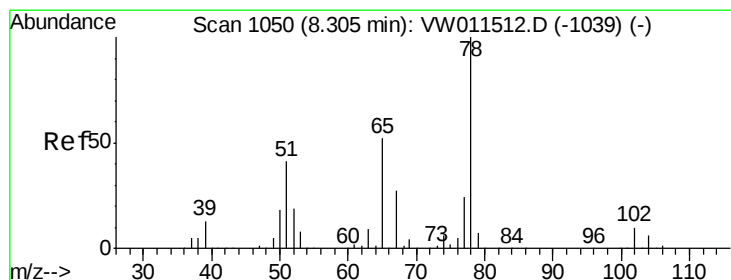
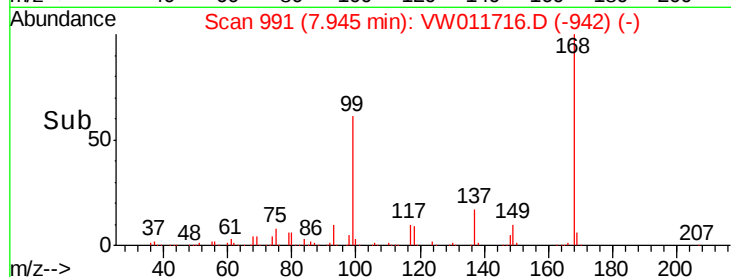
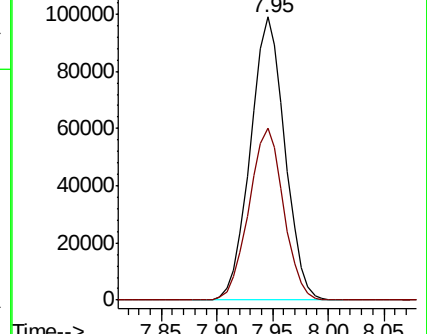
168 100

99 60.6 48.2 72.4



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: 54.854 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011716.D

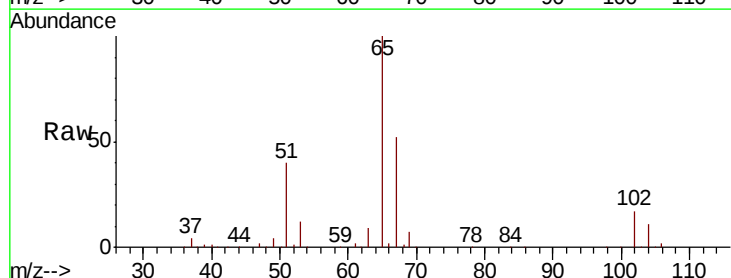
Acq: 05 Aug 2019 18:15

Tgt Ion: 65 Resp: 134484

Ion Ratio Lower Upper

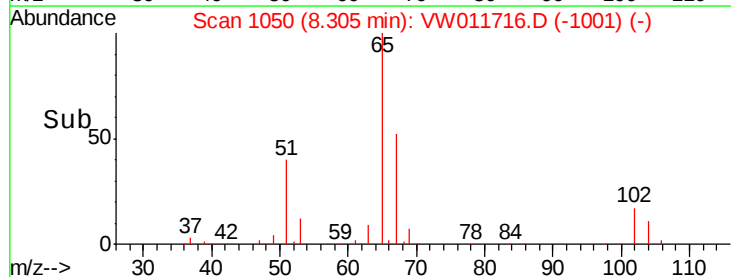
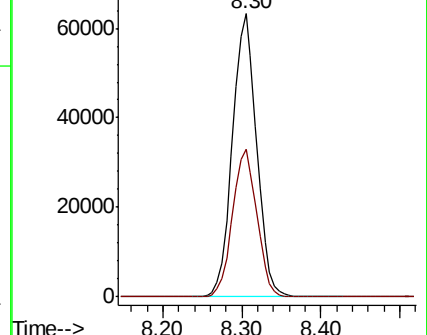
65 100

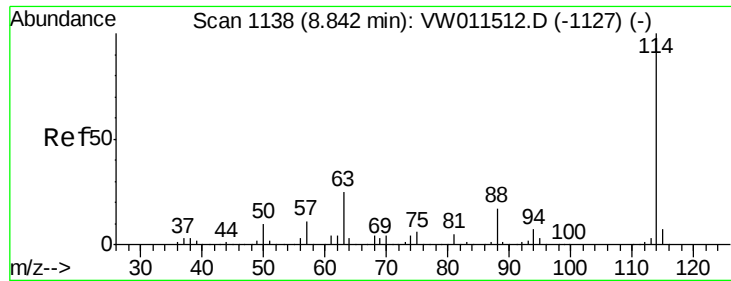
67 52.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

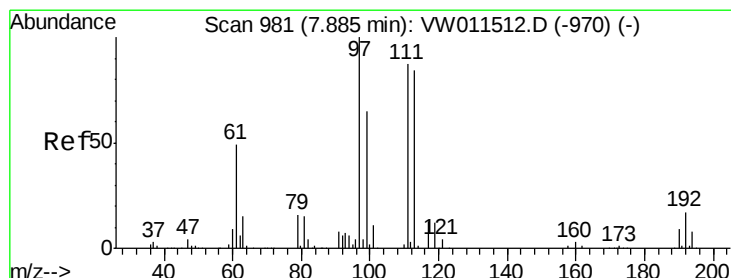
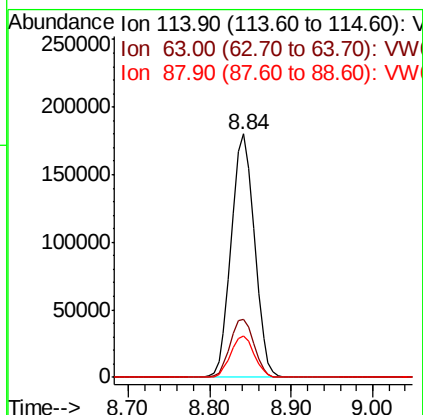
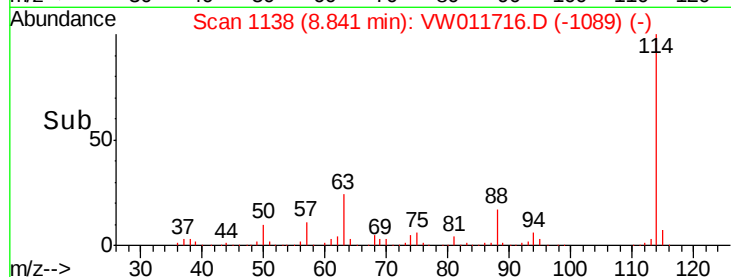
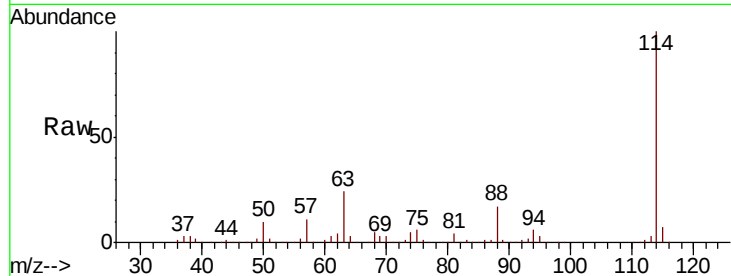




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011716.D
 Acq: 05 Aug 2019 18:15

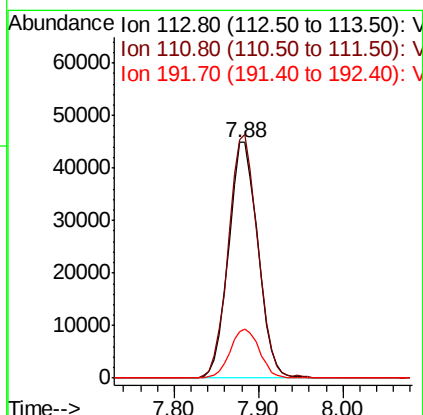
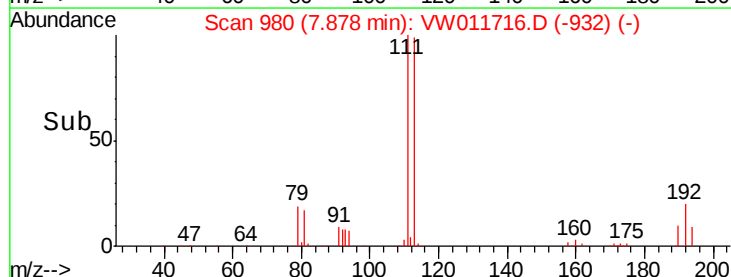
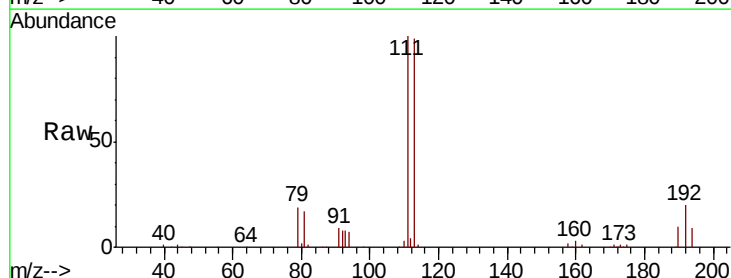
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-C3-(30)

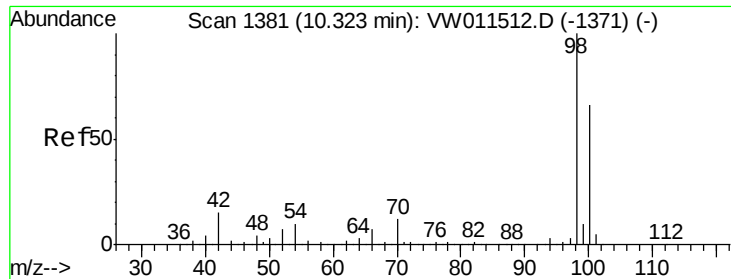
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	49.2
88	16.8	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 53.825 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011716.D
 Acq: 05 Aug 2019 18:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	20.6	16.1	24.1

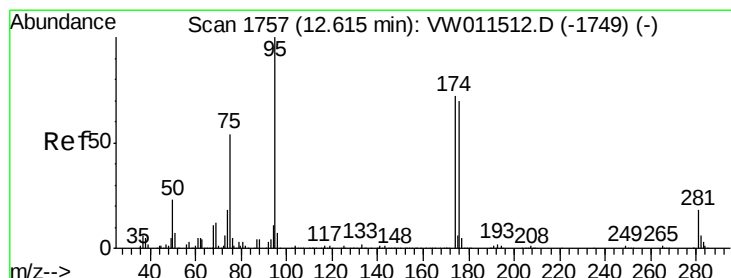
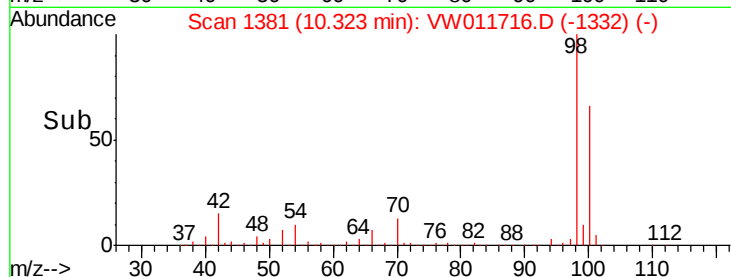
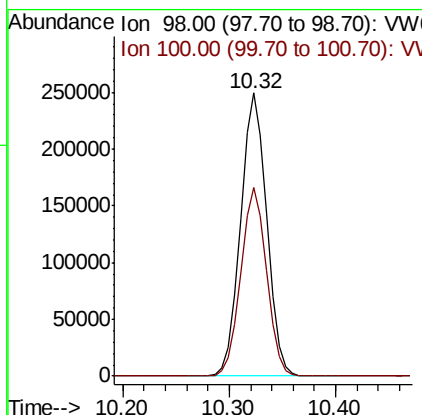
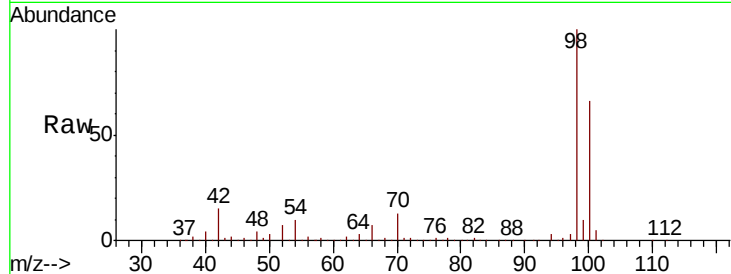




#50
Toluene-d8
Concen: 53.121 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011716.D
Acq: 05 Aug 2019 18:15

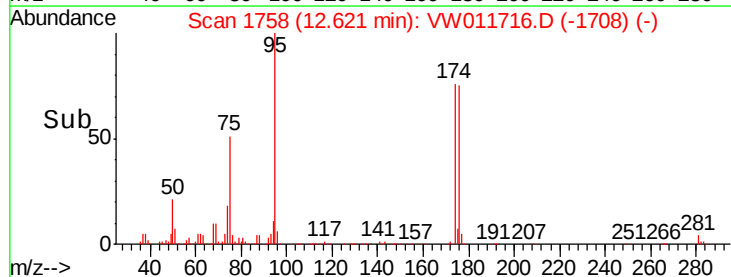
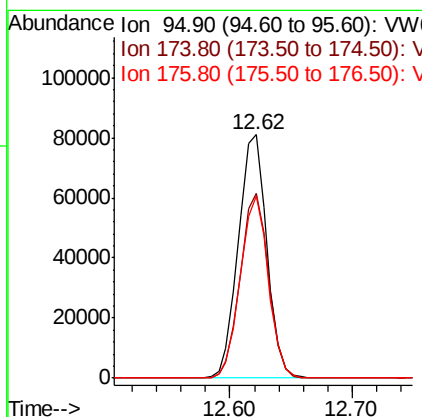
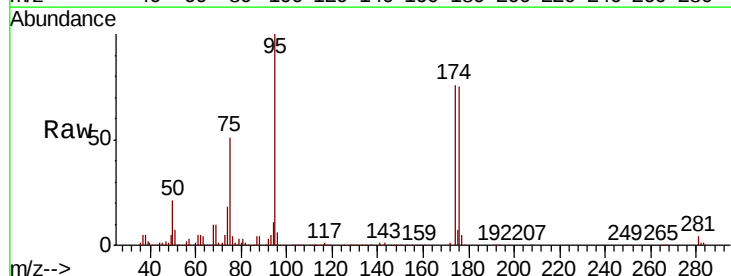
Instrument :
MSVOA_W
ClientSampleId :
1S-C3-(30)

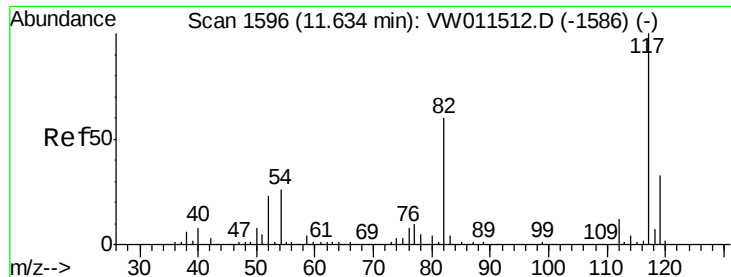
Tot Ion: 98 Resp: 429700
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.335 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011716.D
Acq: 05 Aug 2019 18:15

Tgt Ion: 95 Resp: 130745
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.2
176 73.7 0.0 144.4

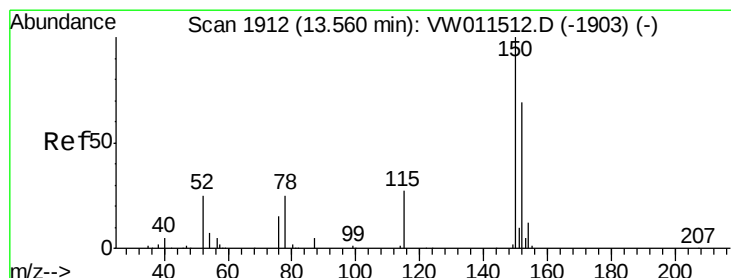
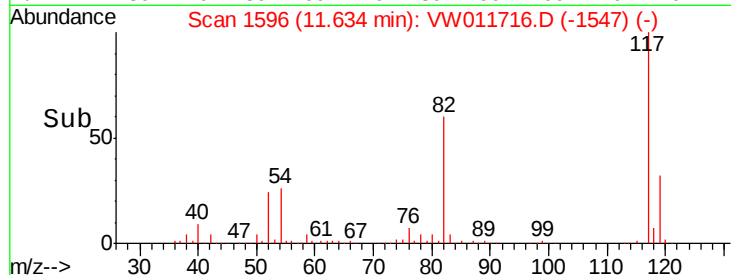
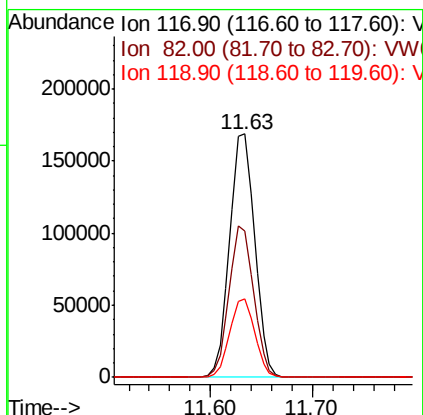
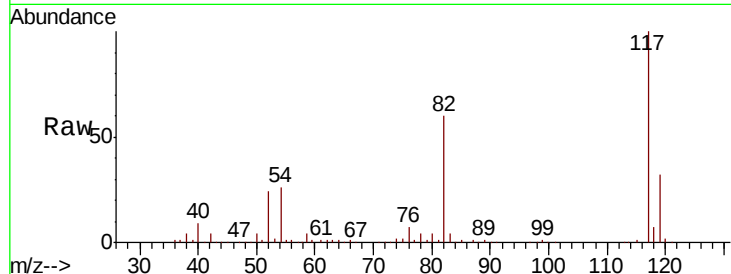




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011716.D
Acq: 05 Aug 2019 18:15

Instrument :
MSVOA_W
ClientSampleId :
1S-C3-(30)

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.9	71.9
119	32.2	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: VW011716.D
Acq: 05 Aug 2019 18:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.5	91.5
150	157.9	0.0	352.6

