

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013340.D
 Acq On : 30 Sep 2019 18:19
 Operator : SY/VA
 Sample : K5079-01
 Misc : 8.02G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-COMP

Quant Time: Oct 01 05:50:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	324152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	488764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	409188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	182587	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	136113	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
35) Dibromofluoromethane	7.88	113	136616	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.32	98	562905	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	178948	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	

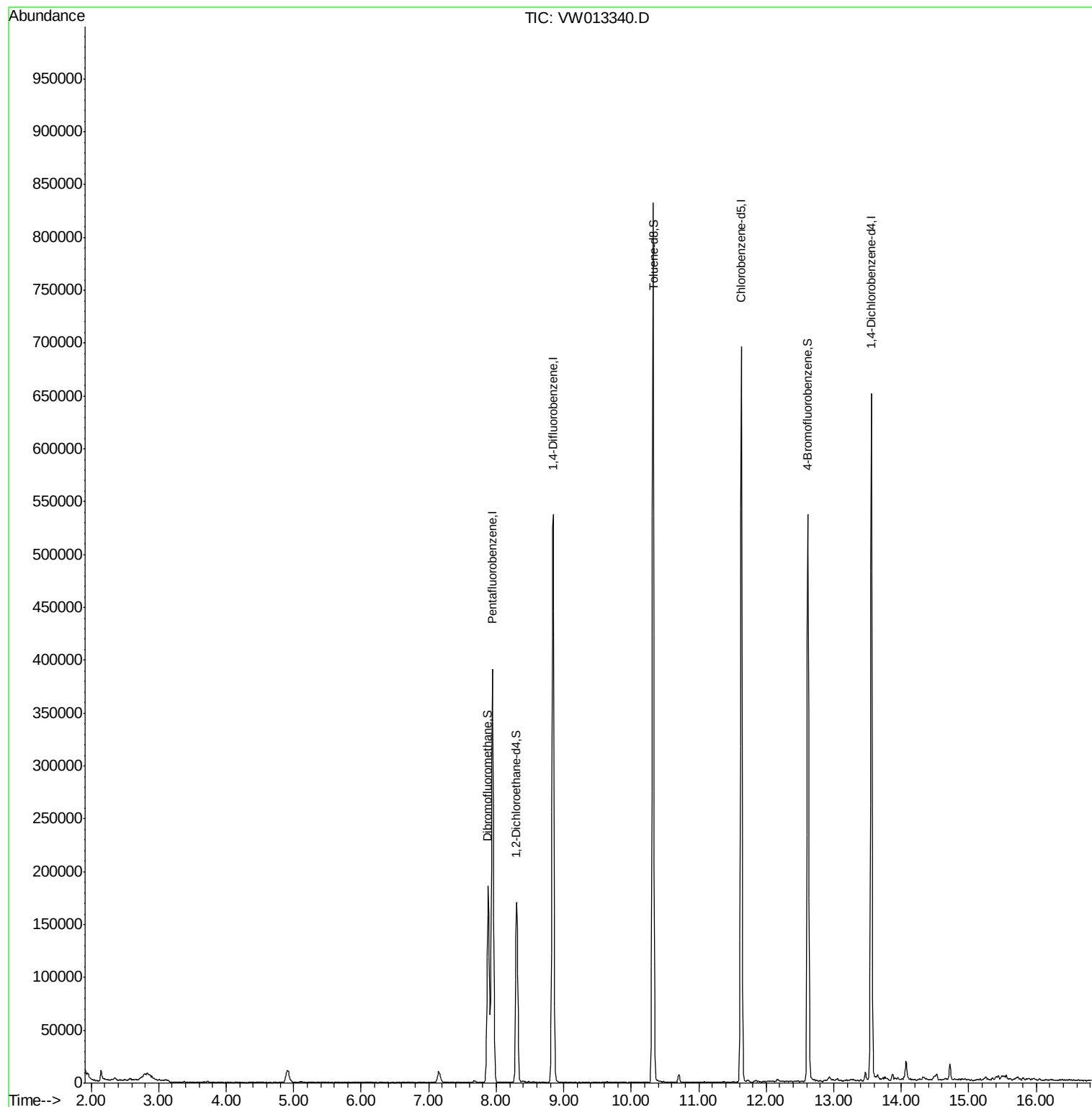
Target Compounds	Qvalue

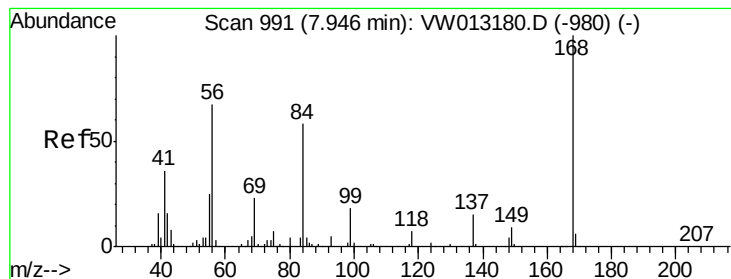
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013340.D

Acq: 30 Sep 2019 18:19

Instrument :

MSVOA_W

ClientSampleId :

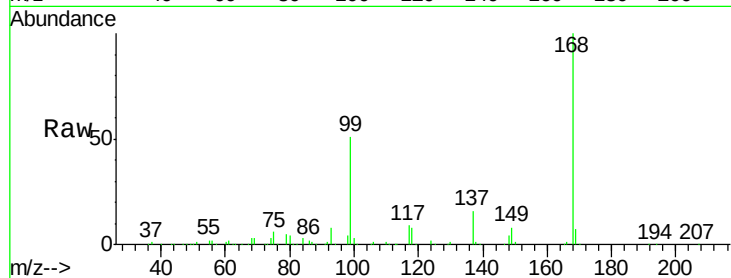
TP-1-COMP

Tot Ion:168 Resp: 324152

Ion Ratio Lower Upper

168 100

99 50.9 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

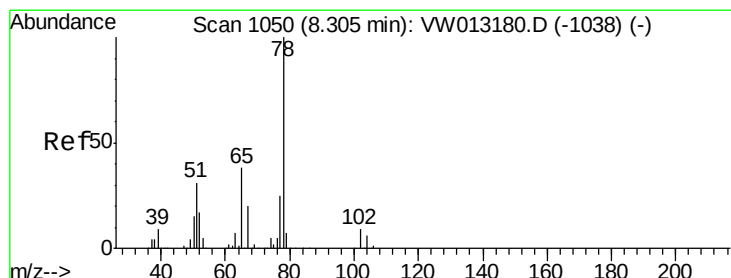
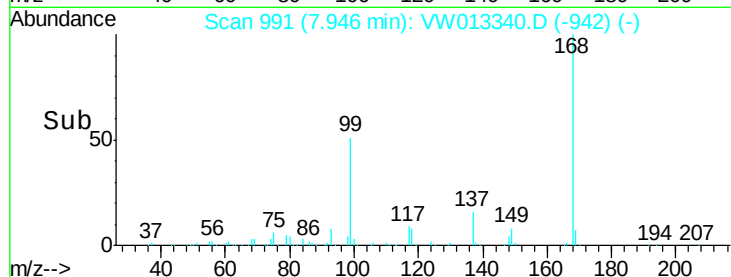
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 51.450 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013340.D

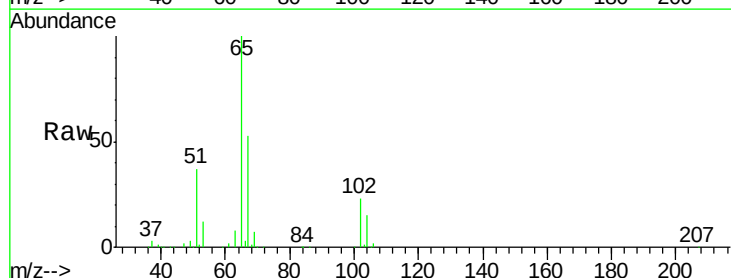
Acq: 30 Sep 2019 18:19

Tgt Ion: 65 Resp: 136113

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

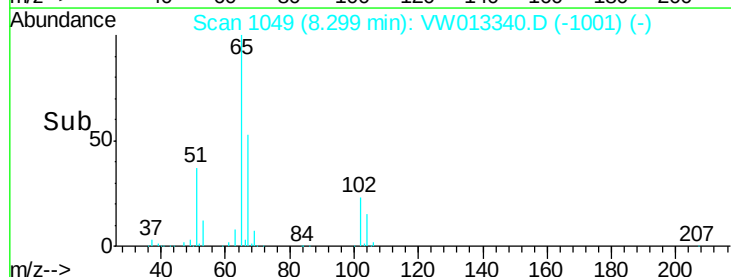
60000

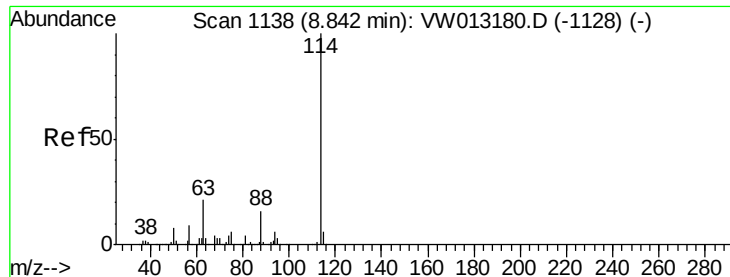
40000

20000

0

Time--> 8.20 8.25 8.30 8.35 8.40

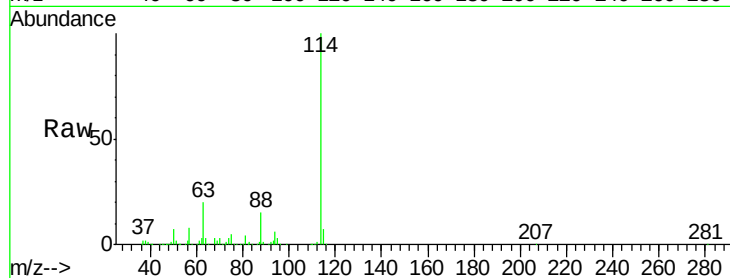




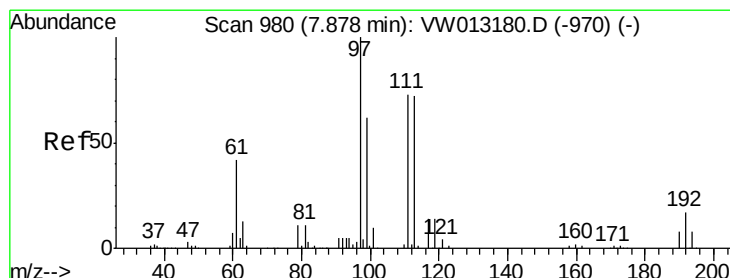
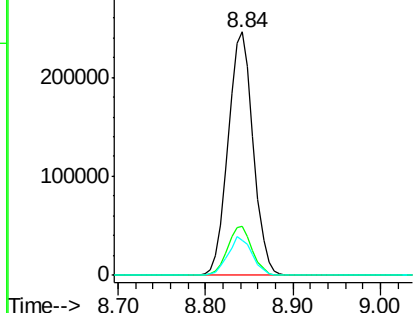
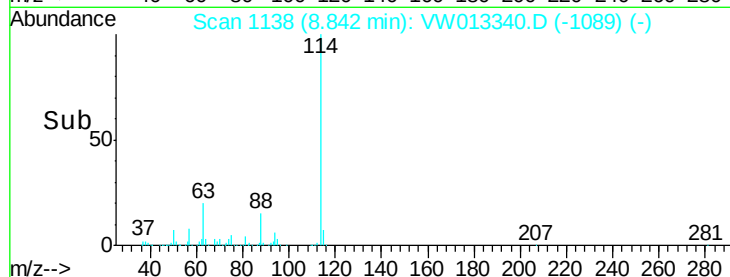
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013340.D
 Acq: 30 Sep 2019 18:19

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-COMP

Tot Ion:114 Resp: 488764
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 14.5 0.0 32.0

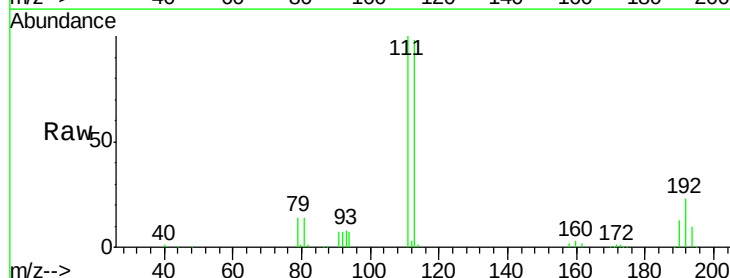


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

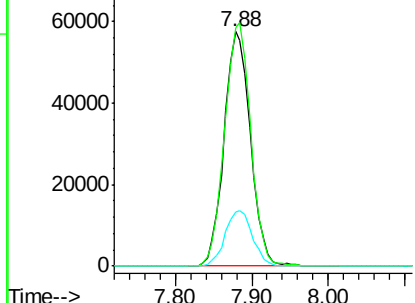
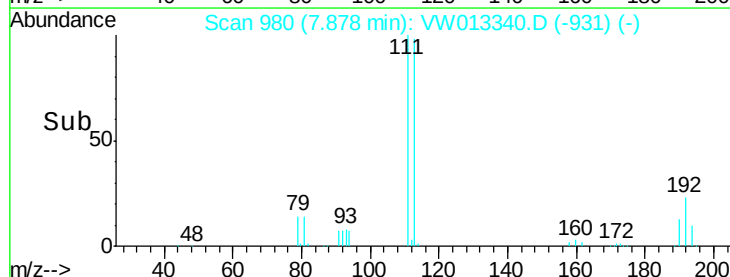


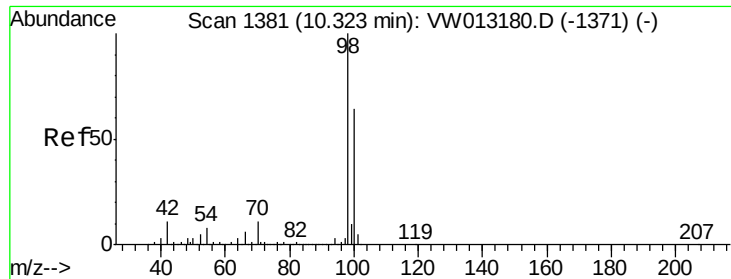
#35
 Dibromofluoromethane
 Concen: 50.821 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013340.D
 Acq: 30 Sep 2019 18:19

Tgt Ion:113 Resp: 136616
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 24.4 19.1 28.7



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

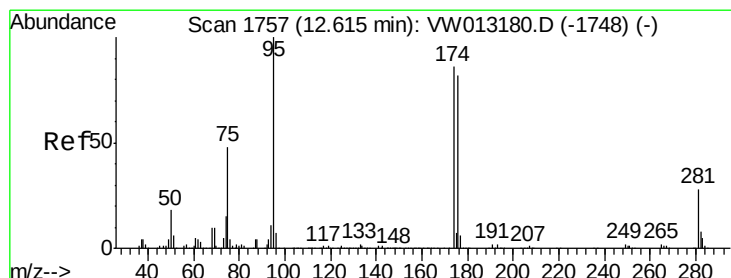
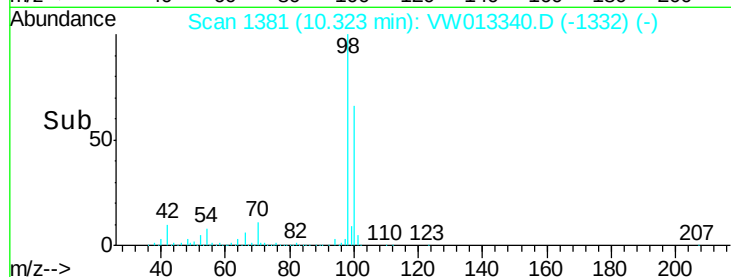
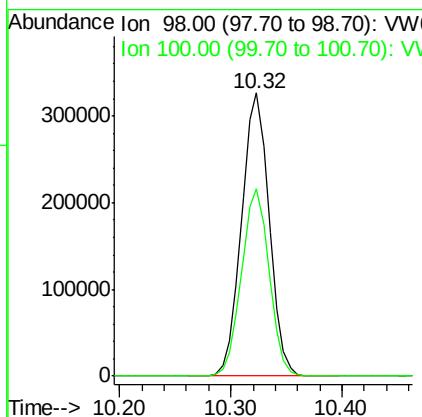
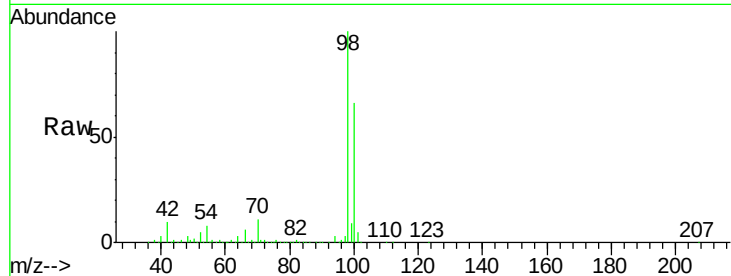




#50
Toluene-d8
Concen: 50.034 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013340.D
Acq: 30 Sep 2019 18:19

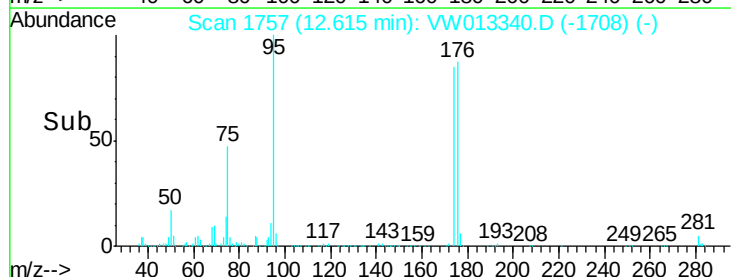
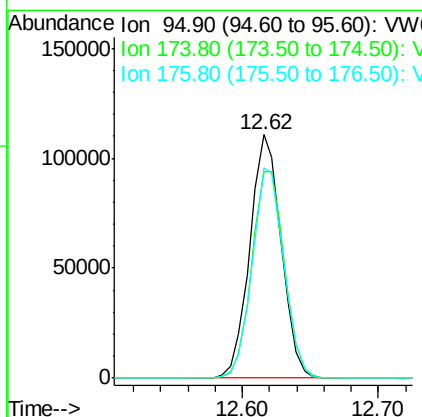
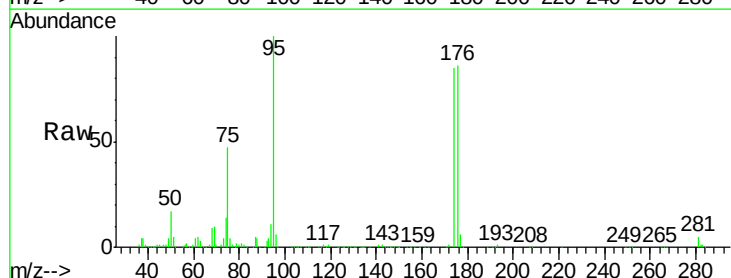
Instrument :
MSVOA_W
ClientSampleId :
TP-1-COMP

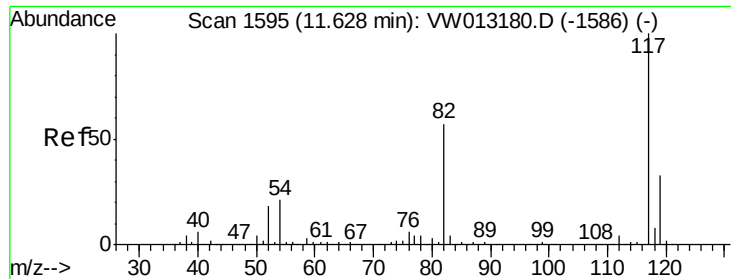
Tot Ion: 98 Resp: 562905
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.564 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013340.D
Acq: 30 Sep 2019 18:19

Tgt Ion: 95 Resp: 178948
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.4
176 87.4 0.0 172.2

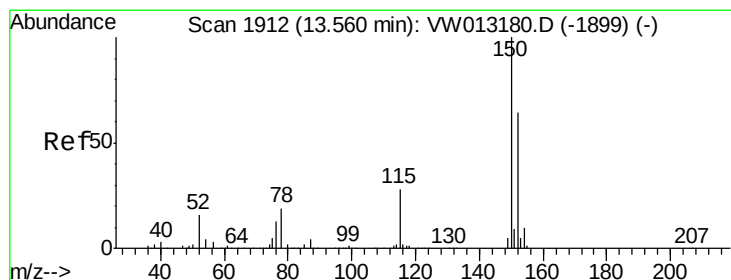
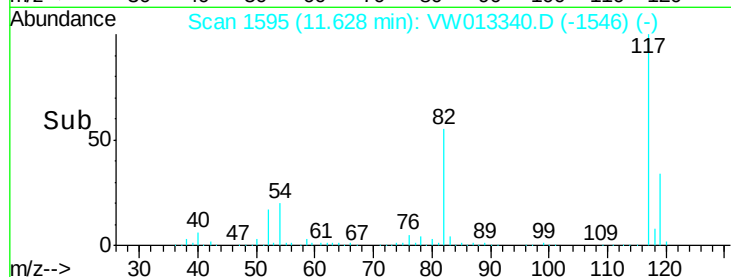
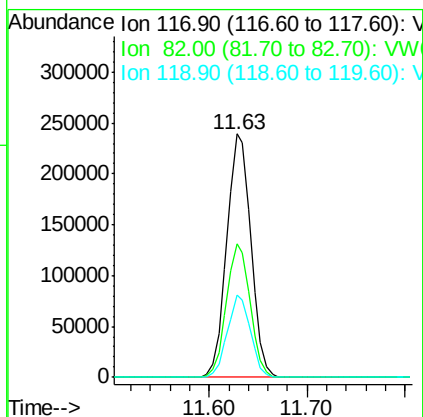
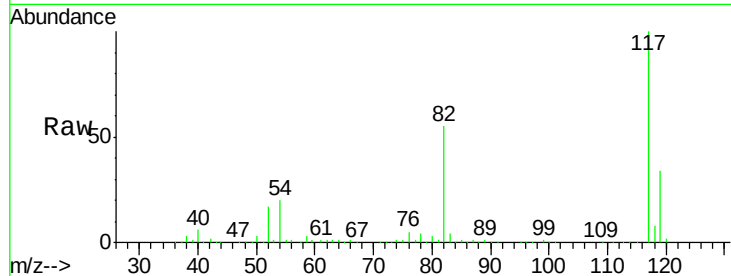




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013340.D
Acq: 30 Sep 2019 18:19

Instrument :
MSVOA_W
ClientSampleId :
TP-1-COMP

Tot Ion:117 Resp: 409188
Ion Ratio Lower Upper
117 100
82 55.0 45.9 68.9
119 34.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013340.D
Acq: 30 Sep 2019 18:19

Tgt Ion:152 Resp: 182587
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 156.4 0.0 349.0

