

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013163.D
 Acq On : 19 Sep 2019 16:09
 Operator : SY/VA
 Sample : K4825-07RE
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-1-2RE

Quant Time: Sep 20 08:45:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	309637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	472119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90163	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136557	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.88	113	134279	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.32	98	505384	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.62	95	117870	32.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.40%	

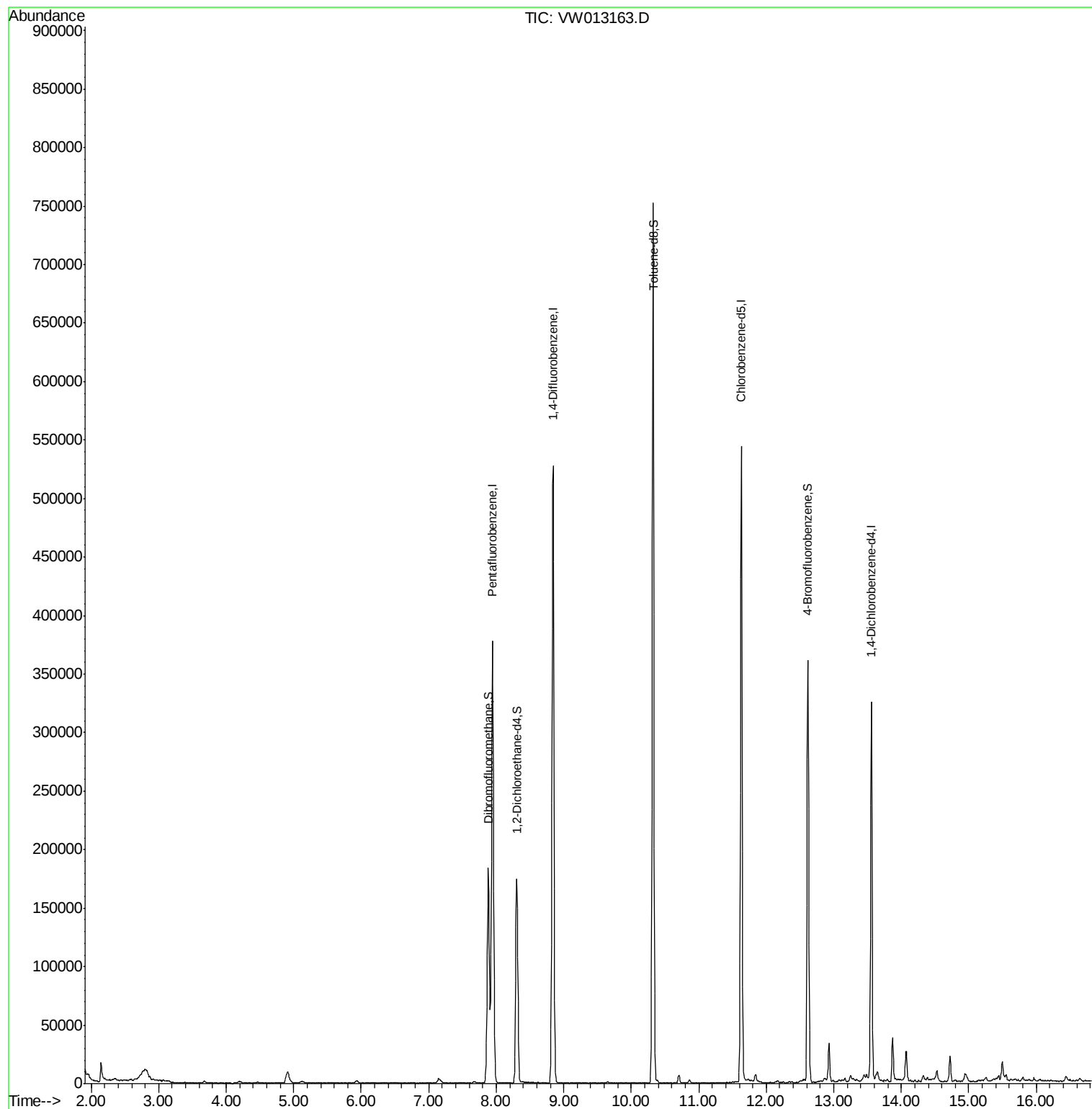
Target Compounds	Qvalue

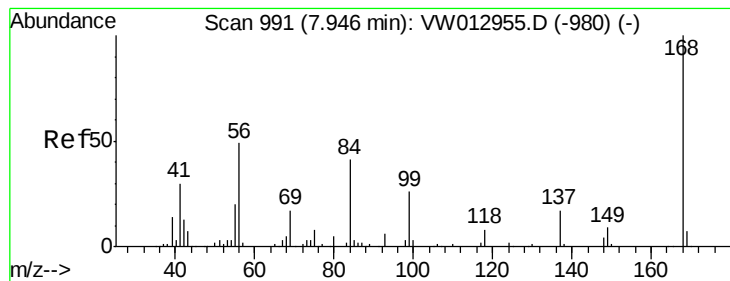
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091919\
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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: VW013163.D

Acq: 19 Sep 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

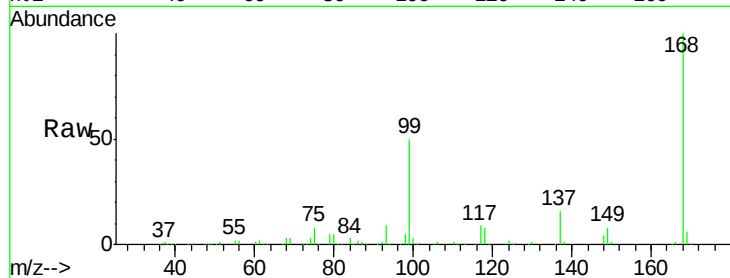
CSA-4-1-2RE

Tot Ion:168 Resp: 309637

Ion Ratio Lower Upper

168 100

99 50.4 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

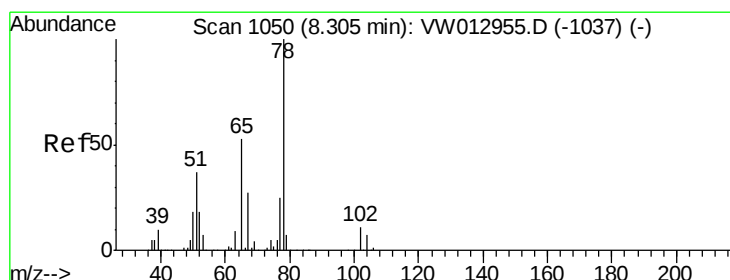
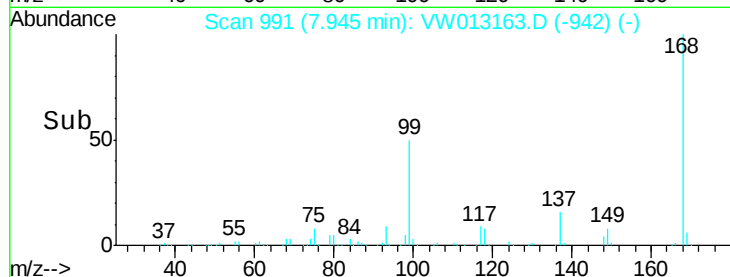
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 47.752 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013163.D

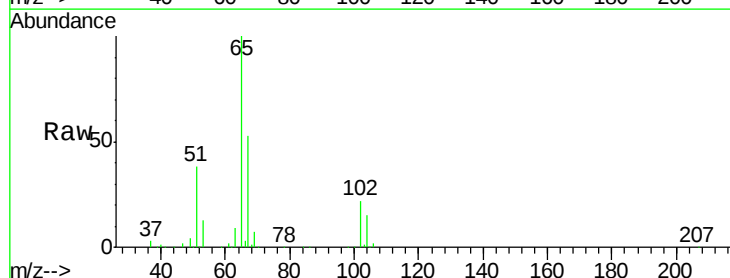
Acq: 19 Sep 2019 16:09

Tgt Ion: 65 Resp: 136557

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

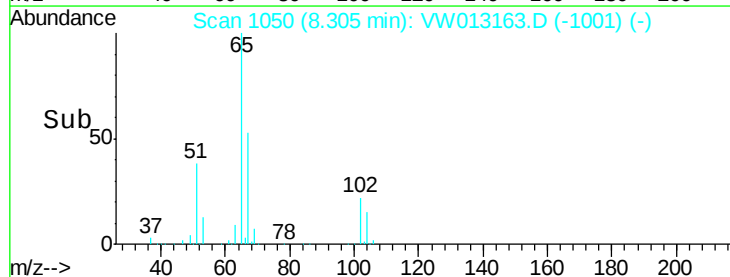
60000

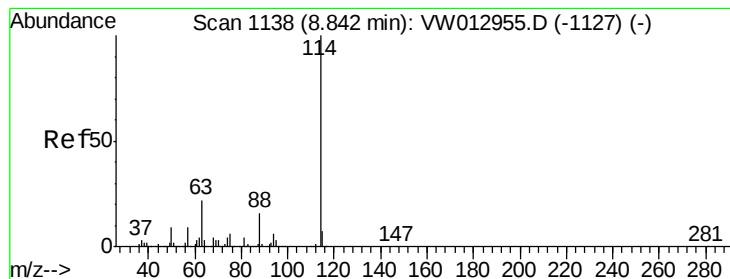
40000

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: VW013163.D

Acq: 19 Sep 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

CSA-4-1-2RE

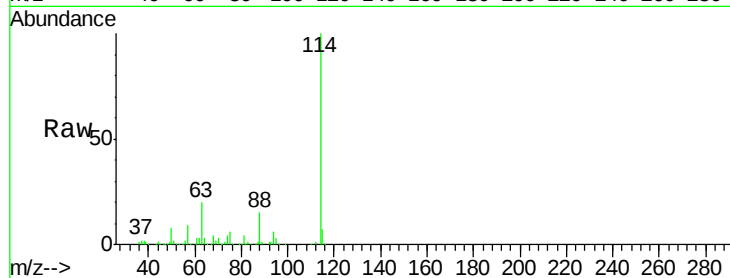
Tot Ion:114 Resp: 472119

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.4

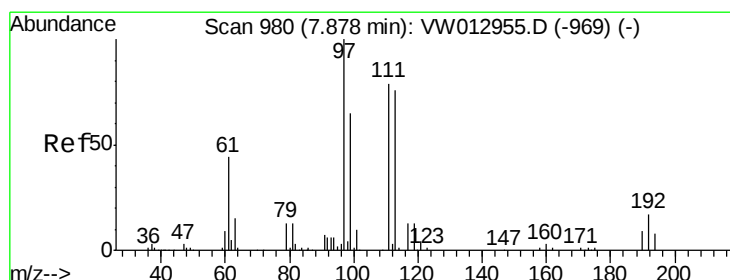
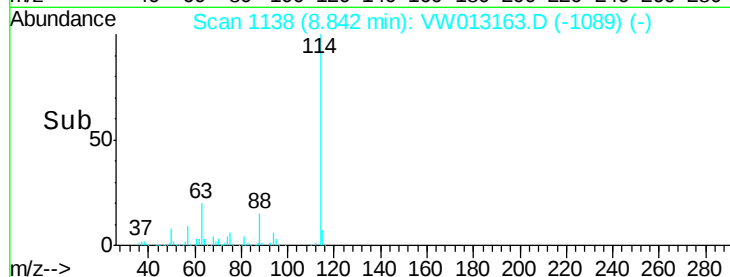
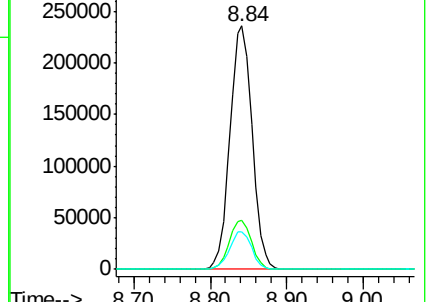
88 15.4 0.0 31.6



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: 52.416 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013163.D

Acq: 19 Sep 2019 16:09

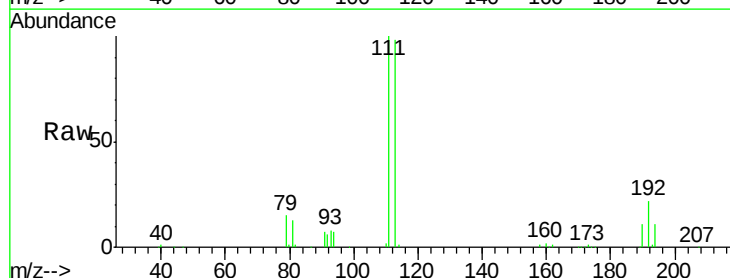
Tgt Ion:113 Resp: 134279

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

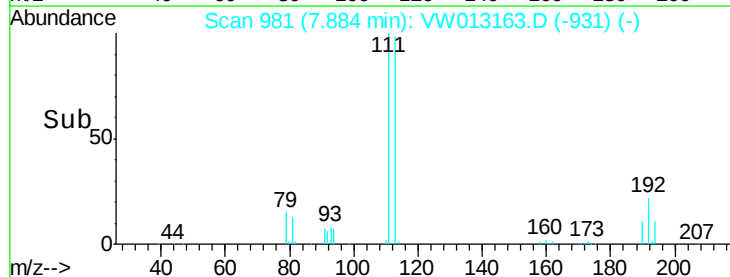
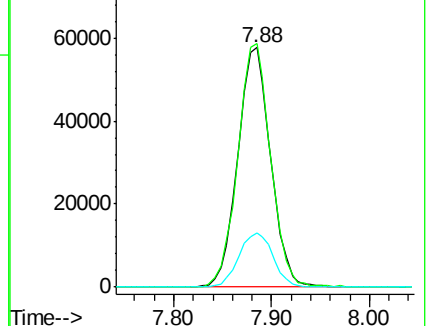
192 23.5 17.8 26.8

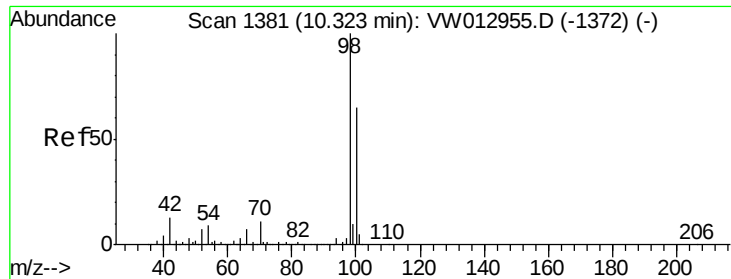


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

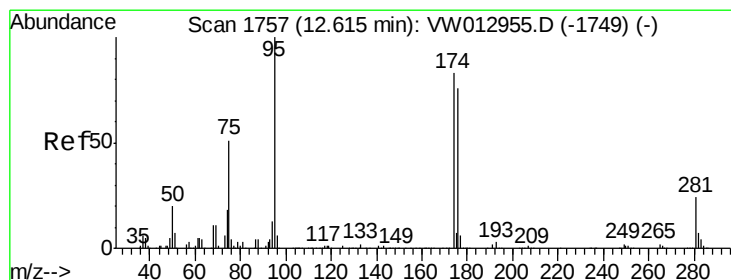
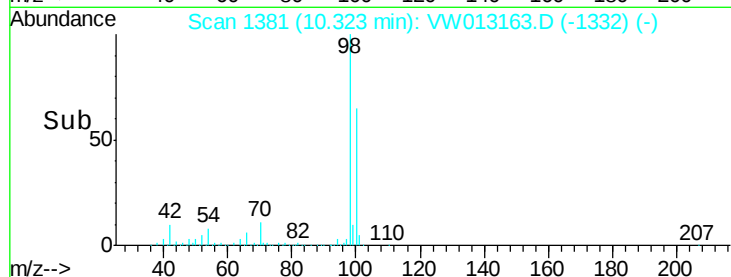
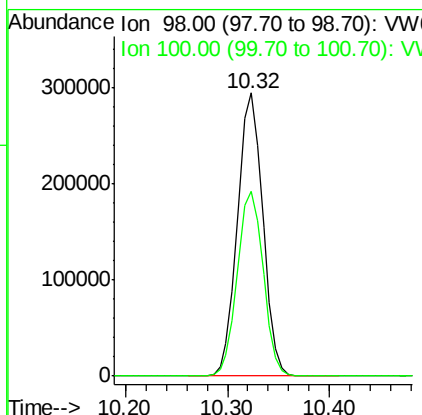
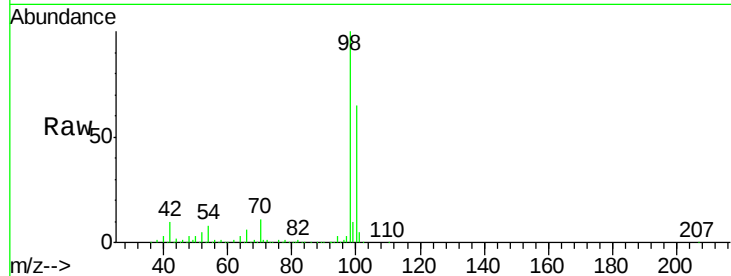




#50
Toluene-d8
Concen: 50.415 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013163.D
Acq: 19 Sep 2019 16:09

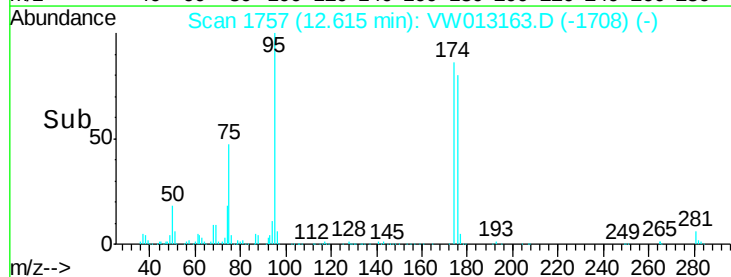
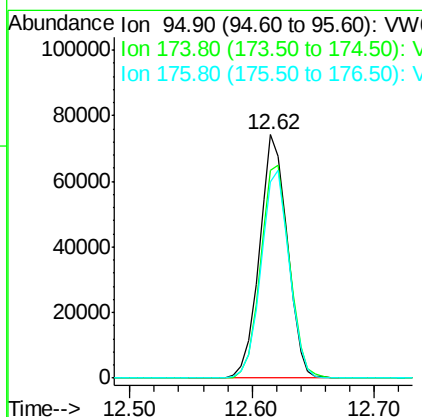
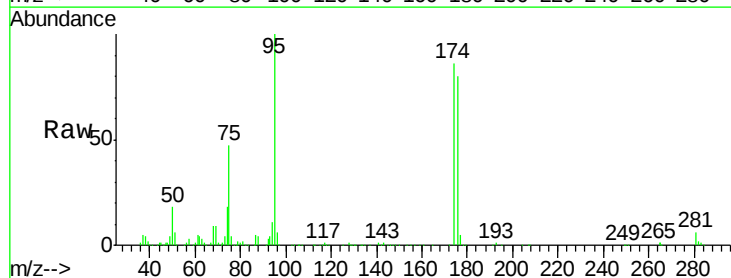
Instrument :
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ClientSampleId :
CSA-4-1-2RE

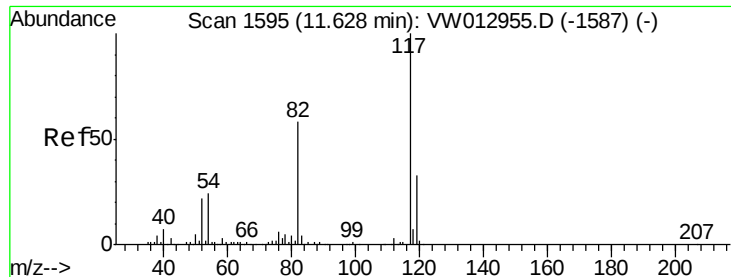
Tot Ion: 98 Resp: 505384
Ion Ratio Lower Upper
98 100
100 66.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 32.700 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013163.D
Acq: 19 Sep 2019 16:09

Tgt Ion: 95 Resp: 117870
Ion Ratio Lower Upper
95 100
174 90.4 0.0 170.4
176 86.2 0.0 164.6

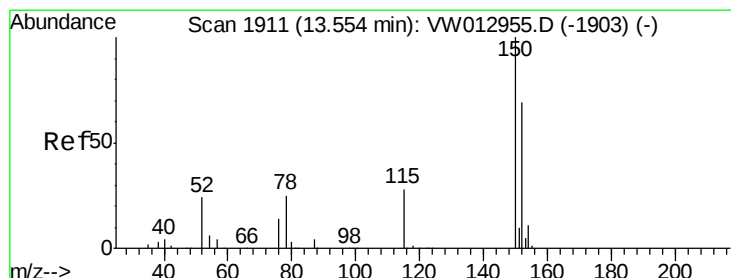
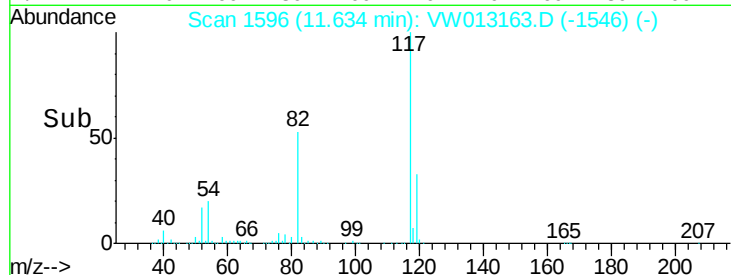
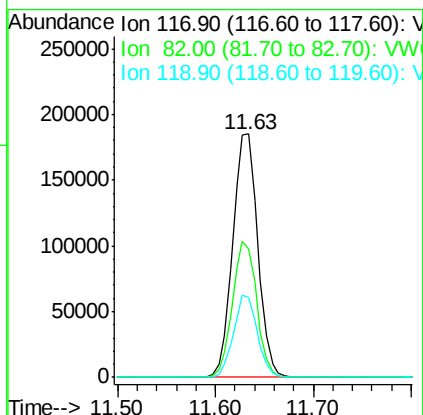
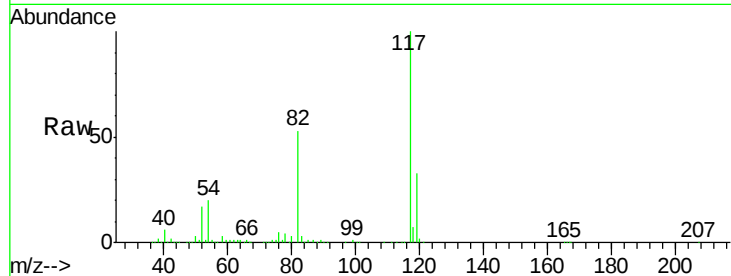




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013163.D
Acq: 19 Sep 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :
CSA-4-1-2RE

Tot Ion:117 Resp: 327682
Ion Ratio Lower Upper
117 100
82 52.5 46.3 69.5
119 32.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013163.D
Acq: 19 Sep 2019 16:09

Tgt Ion:152 Resp: 90163
Ion Ratio Lower Upper
152 100
115 55.0 28.8 86.4
150 160.1 0.0 340.2

