

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013052.D
 Acq On : 16 Sep 2019 19:51
 Operator : SY/VA
 Sample : K4736-04
 Misc : 3.94G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-045-B

Quant Time: Sep 17 07:58:33 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	311977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	474166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	412529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	167495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156551	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
35) Dibromofluoromethane	7.88	113	133205	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
50) Toluene-d8	10.32	98	575049	57.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.24%	
62) 4-Bromofluorobenzene	12.62	95	197965	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	

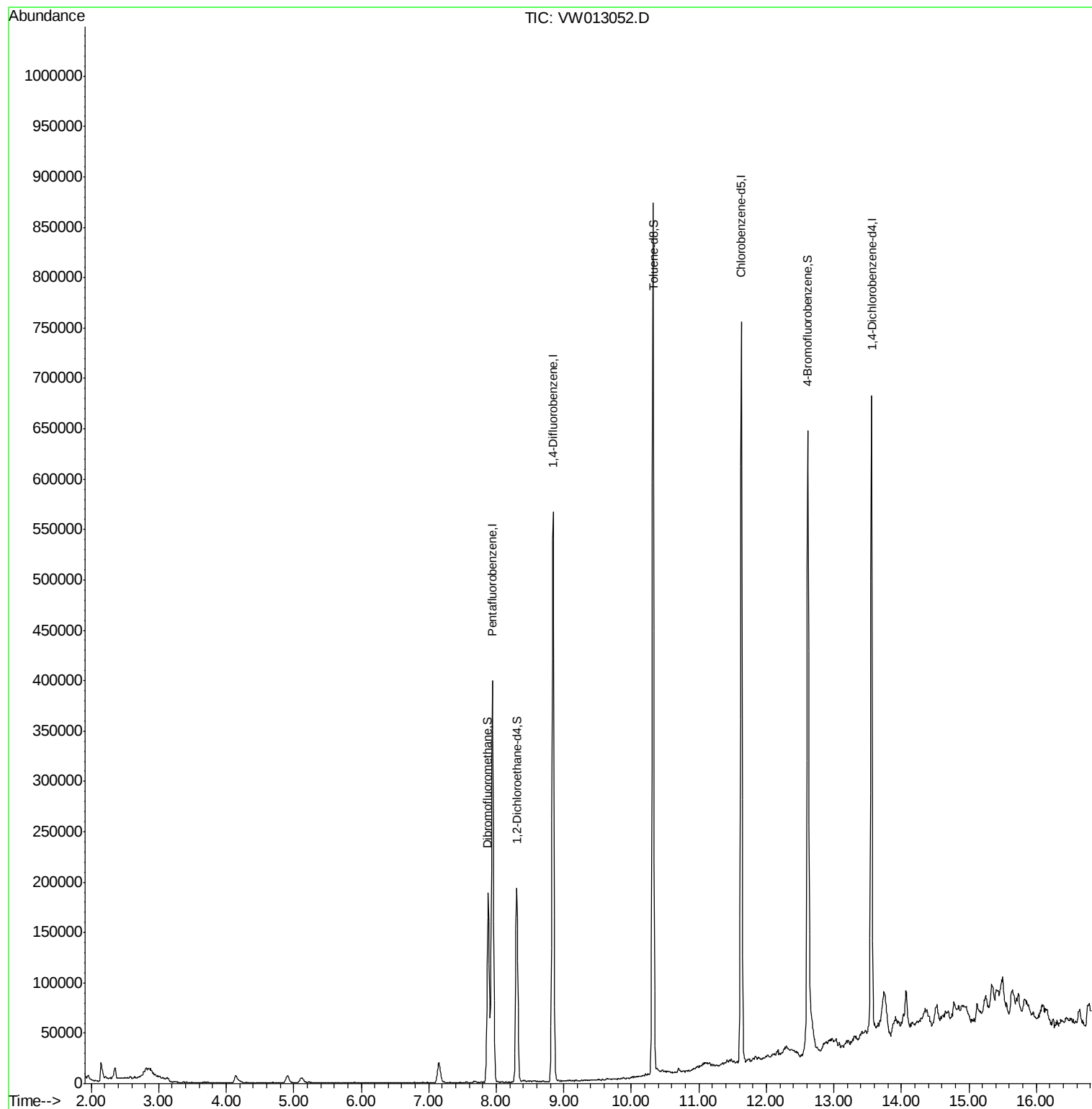
Target Compounds	Qvalue
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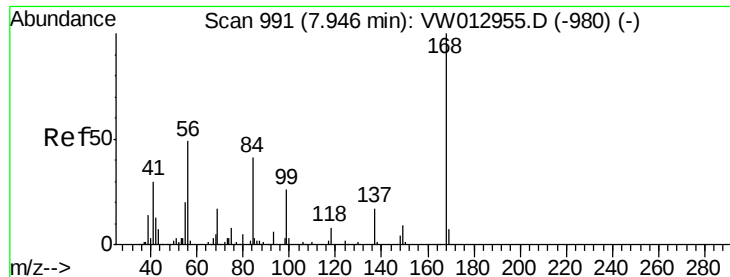
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013052.D

Acq: 16 Sep 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

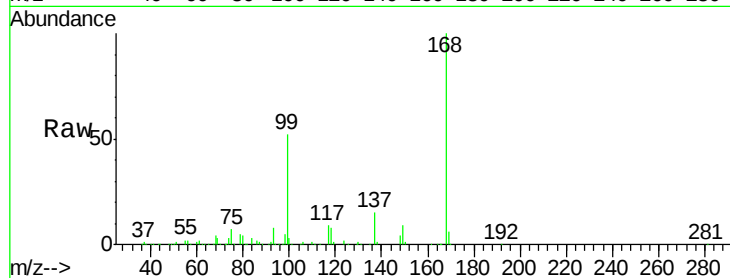
FK-GF-02-045-B

Tot Ion:168 Resp: 311977

Ion Ratio Lower Upper

168 100

99 52.5 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

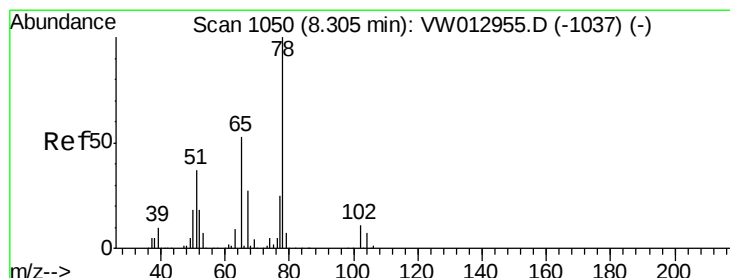
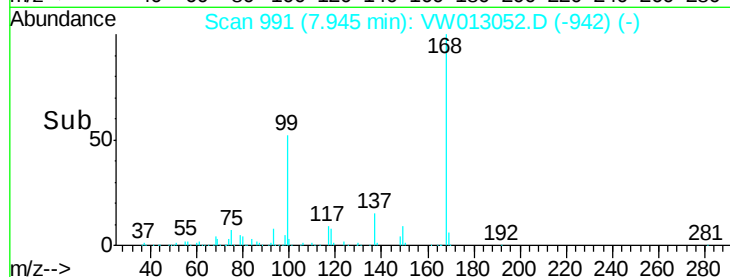
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.333 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013052.D

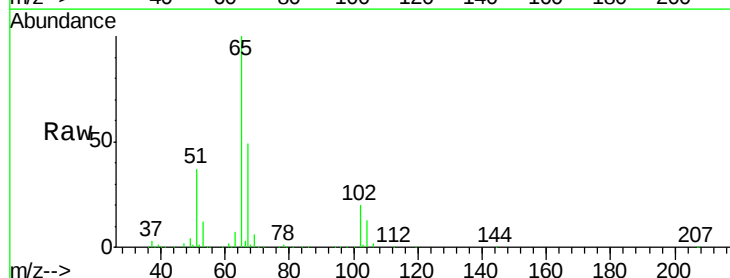
Acq: 16 Sep 2019 19:51

Tgt Ion: 65 Resp: 156551

Ion Ratio Lower Upper

65 100

67 51.8 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

80000

60000

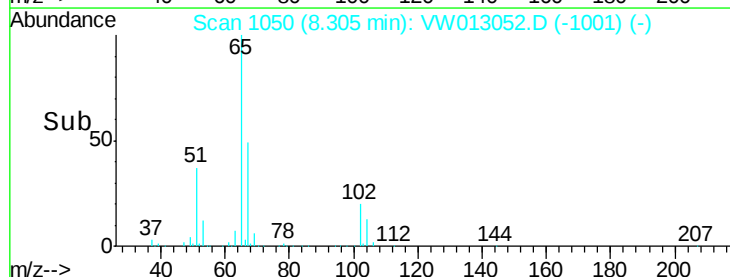
40000

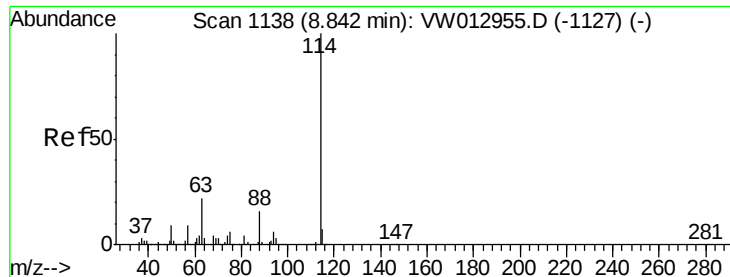
20000

0

8.20 8.30 8.40

Time-->

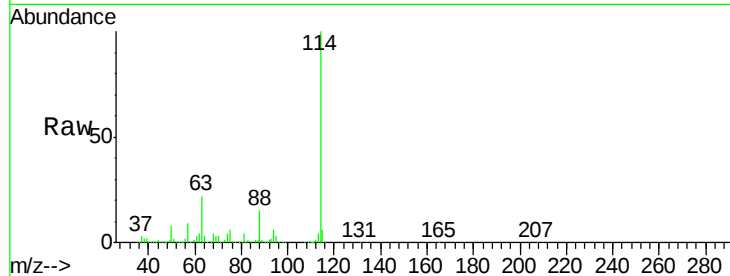




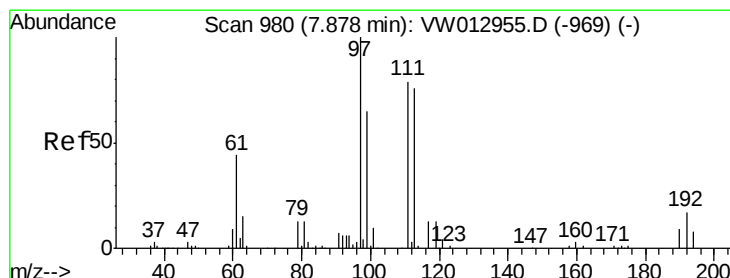
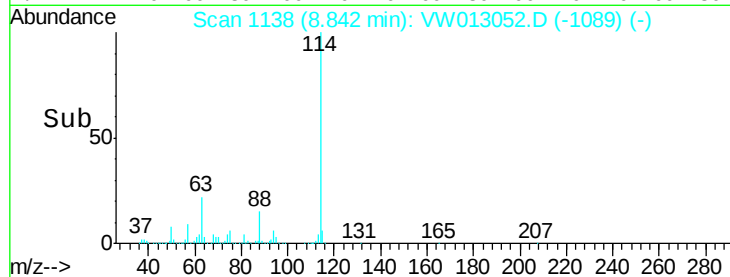
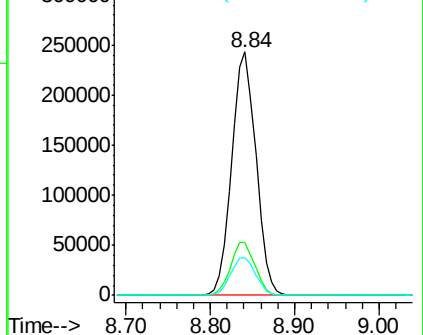
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013052.D
Acq: 16 Sep 2019 19:51

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-045-B

Tot Ion:114 Resp: 474166
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.4
88 15.5 0.0 31.6

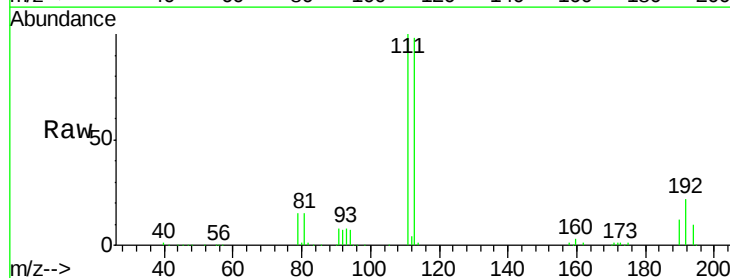


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

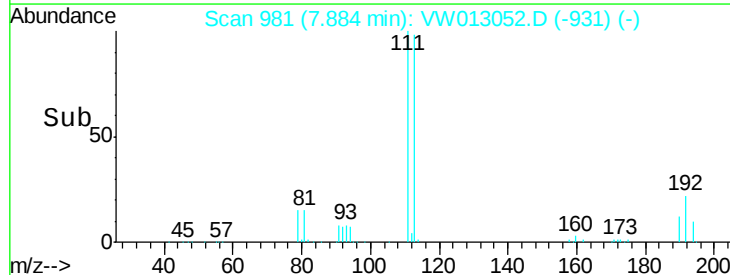
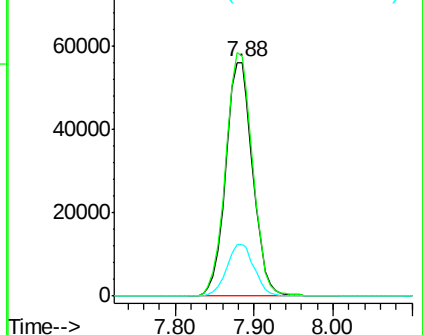


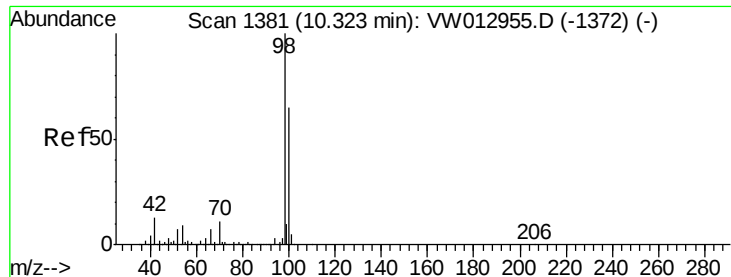
#35
Dibromofluoromethane
Concen: 51.773 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW013052.D
Acq: 16 Sep 2019 19:51

Tgt Ion:113 Resp: 133205
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 22.6 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

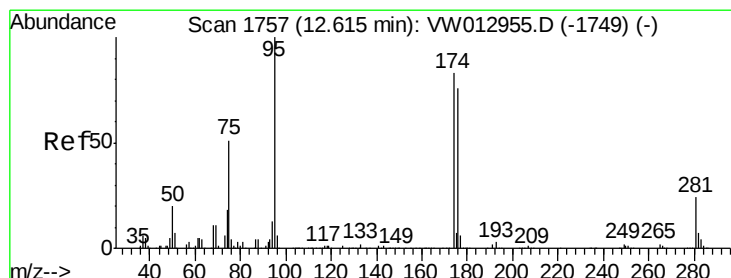
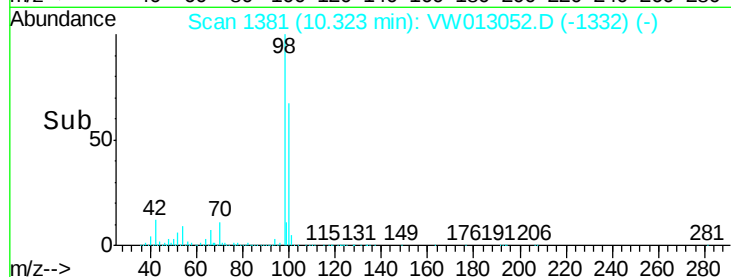
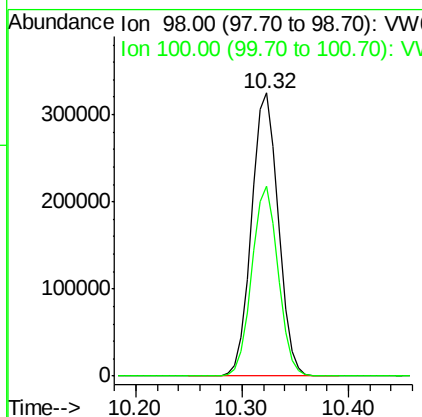
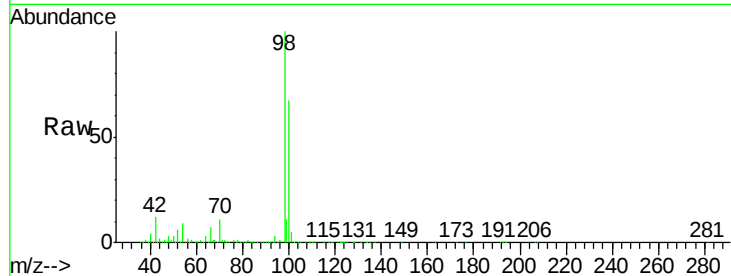




#50
Toluene-d8
Concen: 57.117 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013052.D
Acq: 16 Sep 2019 19:51

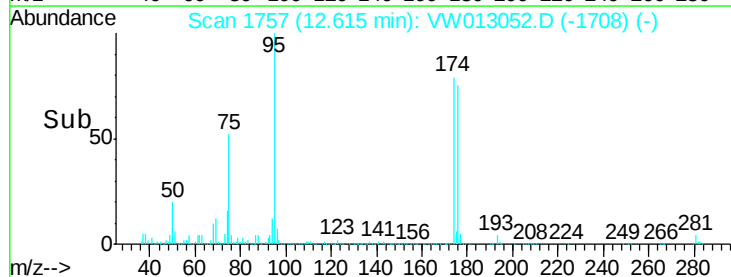
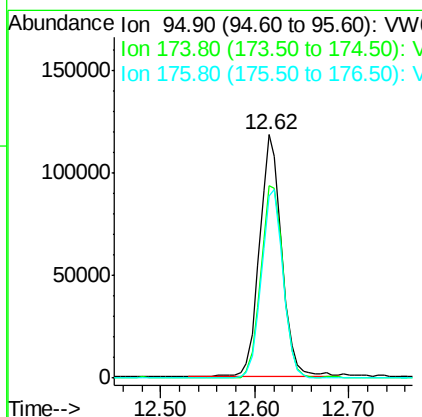
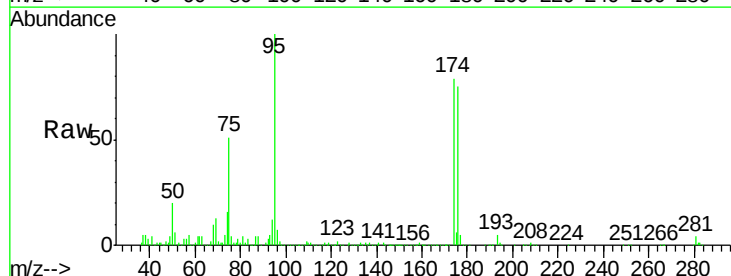
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-045-B

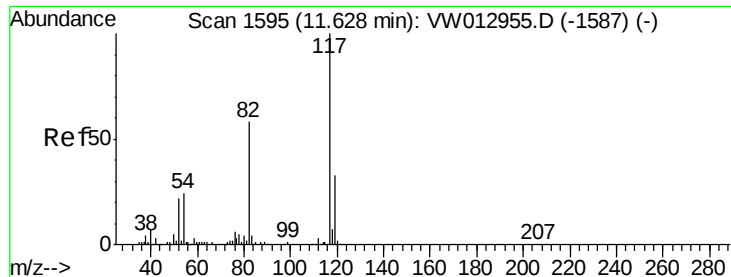
Tot Ion: 98 Resp: 575049
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 54.683 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013052.D
Acq: 16 Sep 2019 19:51

Tgt Ion: 95 Resp: 197965
Ion Ratio Lower Upper
95 100
174 79.8 0.0 170.4
176 75.7 0.0 164.6

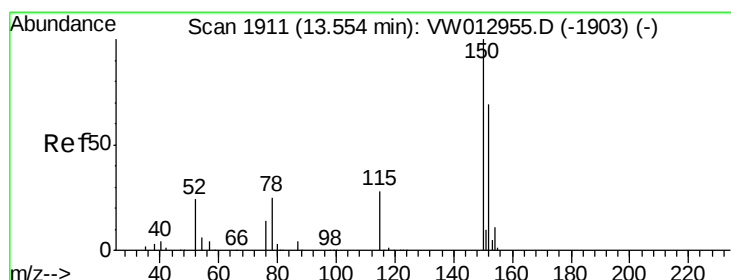
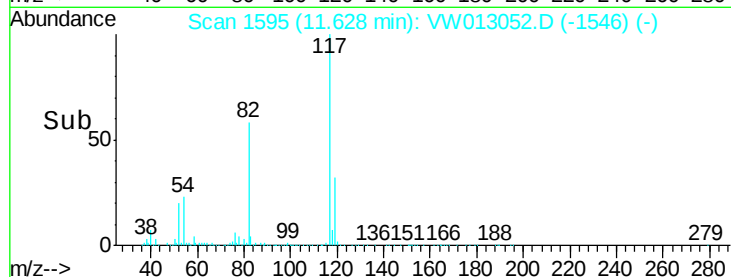
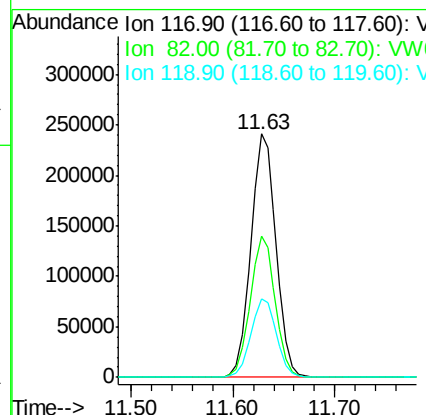
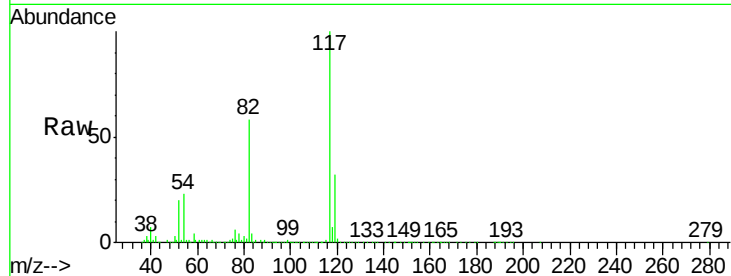




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013052.D
Acq: 16 Sep 2019 19:51

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-045-B

Tot Ion:117 Resp: 412529
Ion Ratio Lower Upper
117 100
82 58.0 46.3 69.5
119 32.2 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: VW013052.D
Acq: 16 Sep 2019 19:51

Tgt Ion:152 Resp: 167495
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.4
150 157.4 0.0 340.2

