

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013682.D
 Acq On : 23 Oct 2019 21:51
 Operator : SY/VA
 Sample : K5502-02
 Misc : 6.98G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 182-08-(2)

Quant Time: Oct 24 08:24:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	114350	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	98954	53.96	ug/l	0.00
Spiked Amount			Recovery	=	107.92%	
35) Dibromofluoromethane	7.88	113	106439	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
50) Toluene-d8	10.32	98	416767	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.62	95	119335	42.33	ug/l	0.00
Spiked Amount			Recovery	=	84.66%	

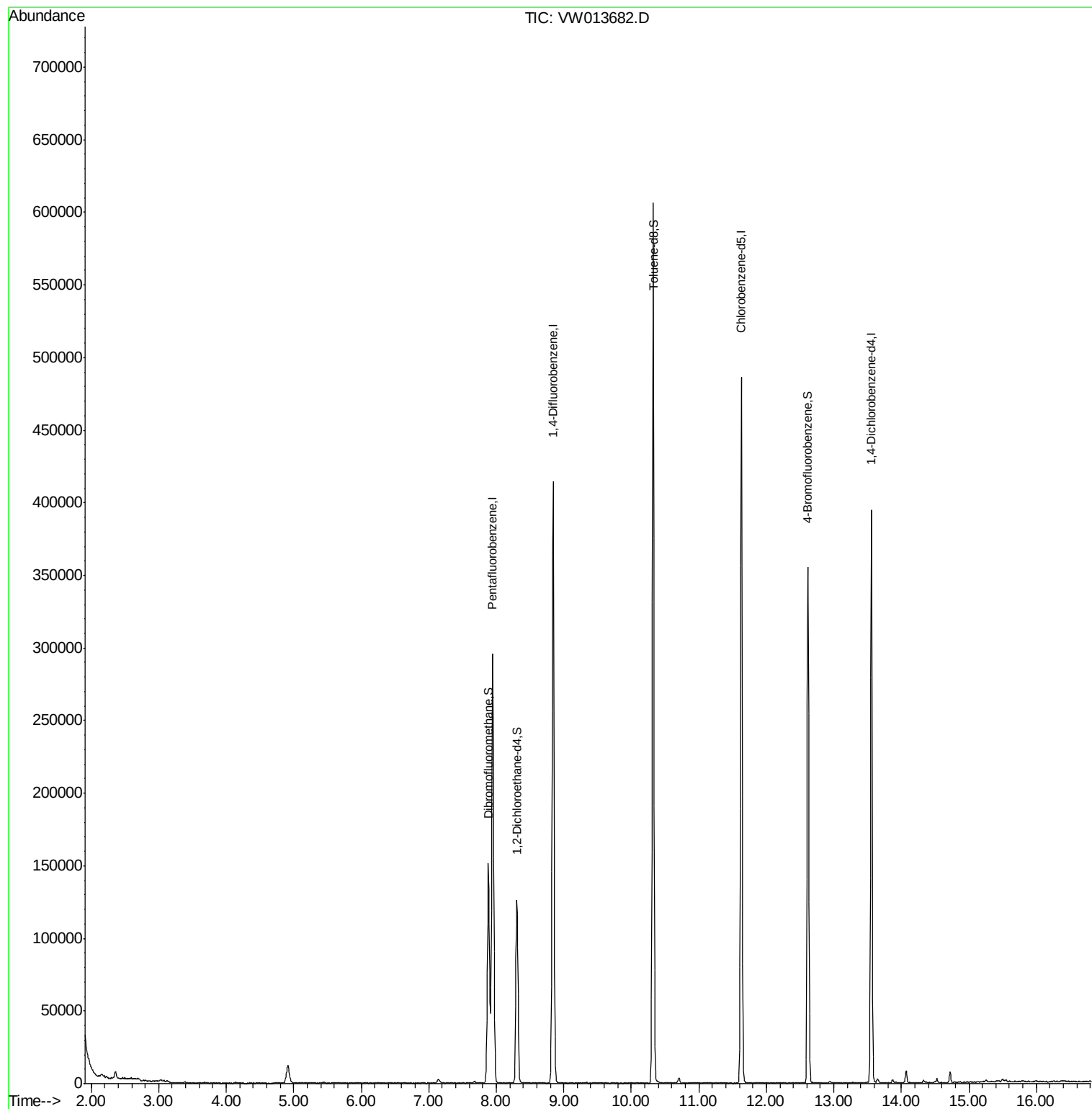
Target Compounds	Qvalue
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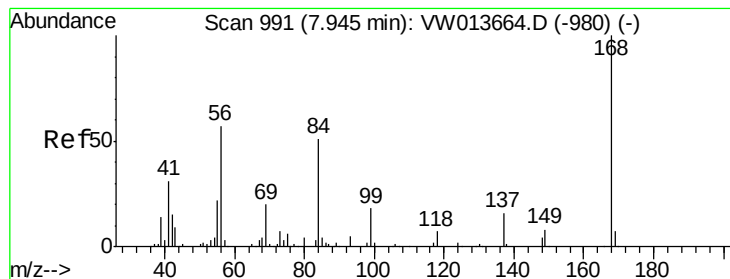
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
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Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013682.D

Acq: 23 Oct 2019 21:51

Instrument :

MSVOA_W

ClientSampleId :

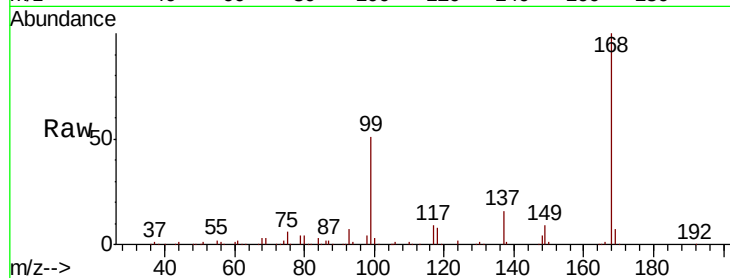
182-08-(2)

Tot Ion:168 Resp: 244470

Ion Ratio Lower Upper

168 100

99 51.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

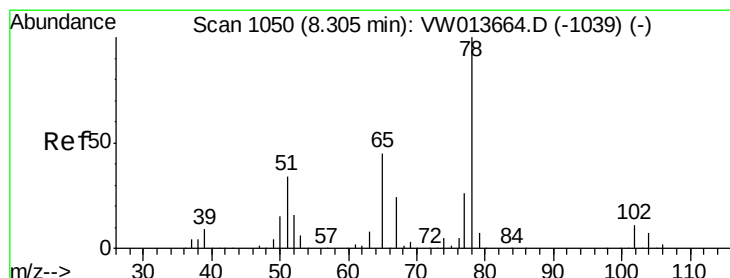
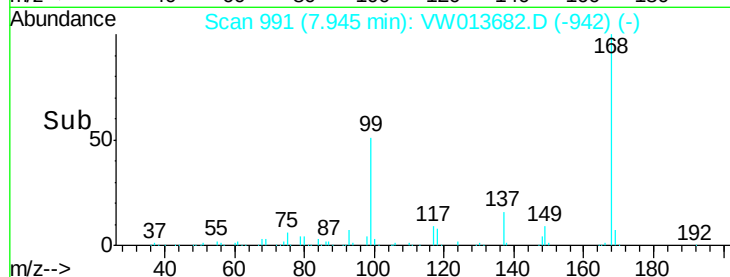
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.958 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013682.D

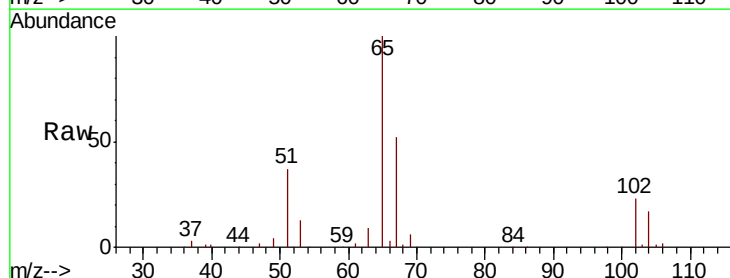
Acq: 23 Oct 2019 21:51

Tgt Ion: 65 Resp: 98954

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

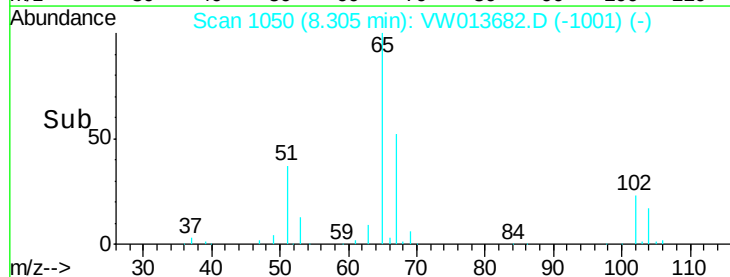
30000

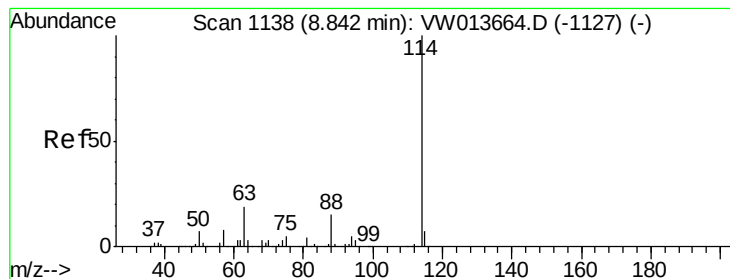
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013682.D

Acq: 23 Oct 2019 21:51

Instrument :

MSVOA_W

ClientSampleId :

182-08-(2)

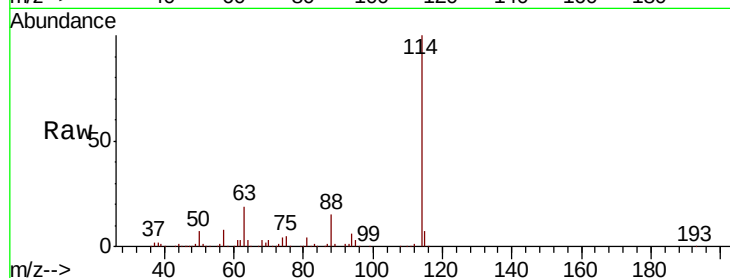
Tot Ion:114 Resp: 367756

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

88 14.8 0.0 30.2



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

250000

200000

150000

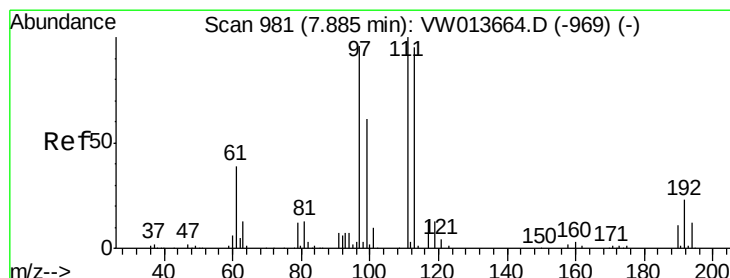
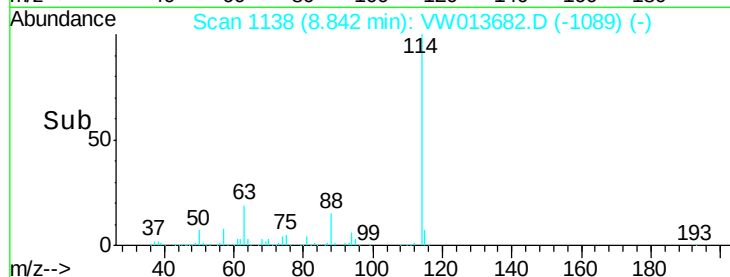
100000

50000

0

8.75 8.80 8.85 8.90 8.95

Time-->



#35

Dibromofluoromethane

Concen: 52.088 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013682.D

Acq: 23 Oct 2019 21:51

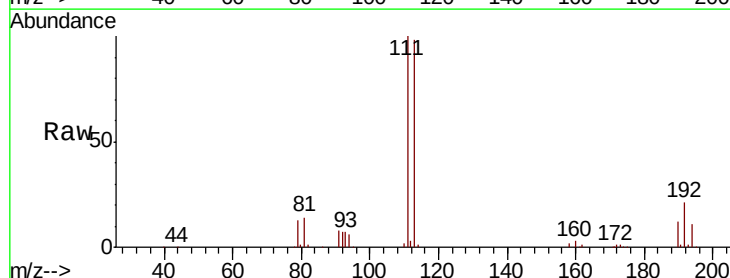
Tgt Ion:113 Resp: 106439

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.6

192 23.8 19.4 29.2



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

60000

50000

40000

30000

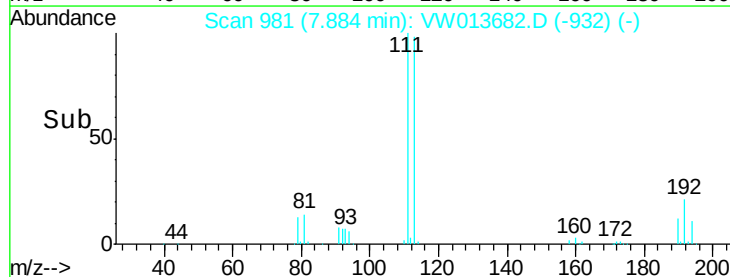
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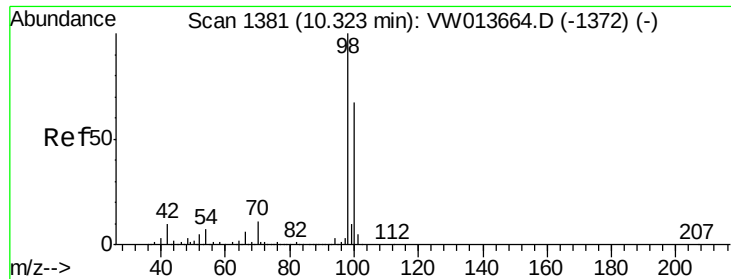
10000

0

7.80 7.90 8.00

Time-->

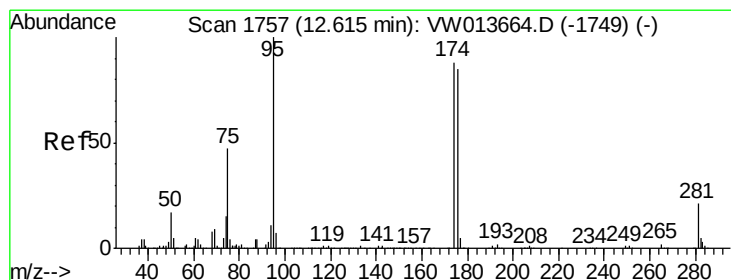
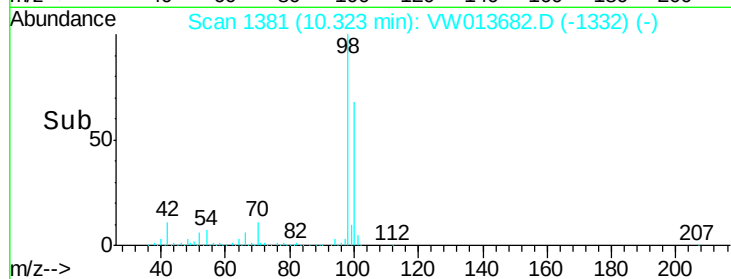
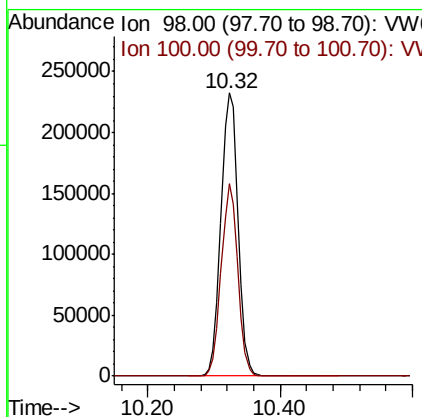
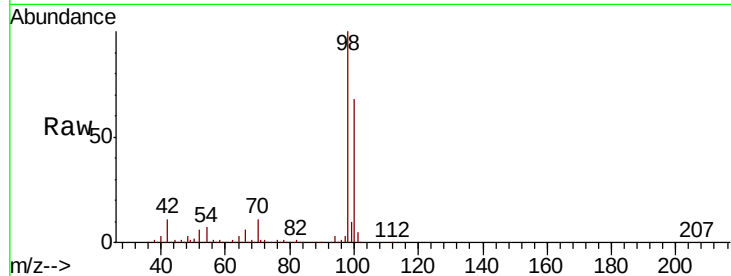




#50
Toluene-d8
Concen: 50.053 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013682.D
Acq: 23 Oct 2019 21:51

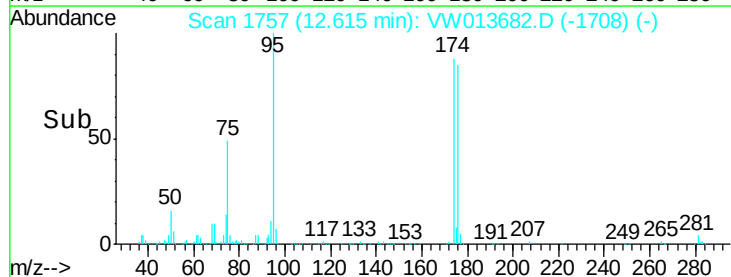
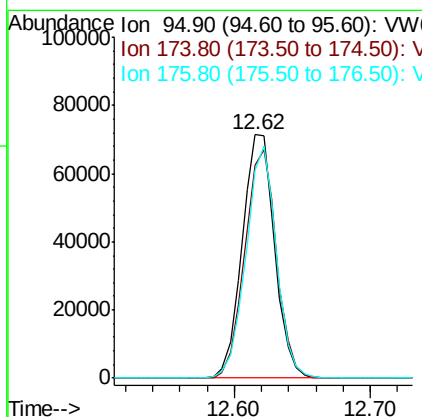
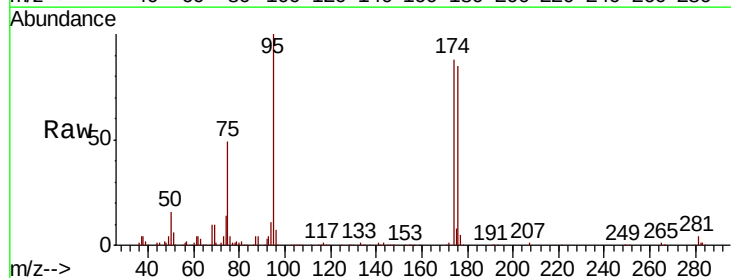
Instrument :
MSVOA_W
ClientSampled :
182-08-(2)

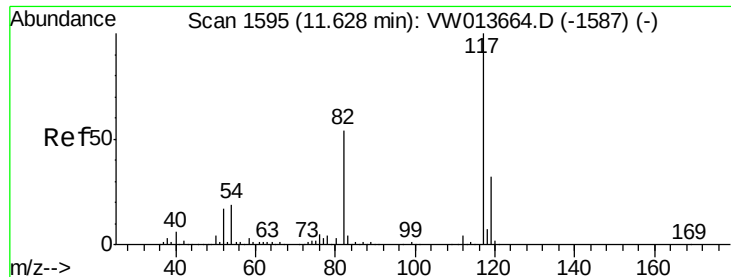
Tot Ion: 98 Resp: 416767
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 42.326 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013682.D
Acq: 23 Oct 2019 21:51

Tgt Ion: 95 Resp: 119335
Ion Ratio Lower Upper
95 100
174 92.0 0.0 183.6
176 89.4 0.0 178.0

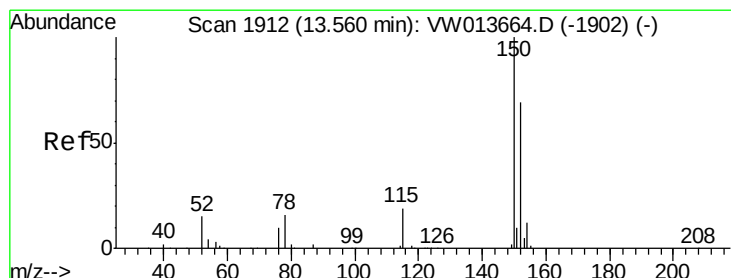
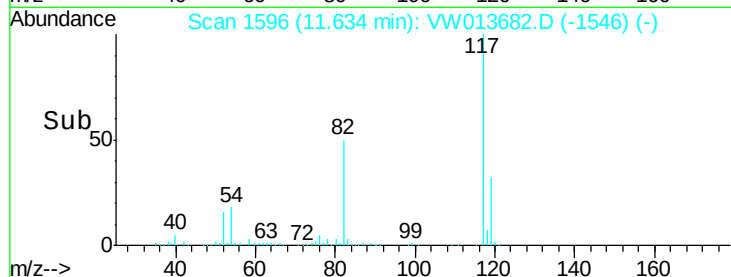
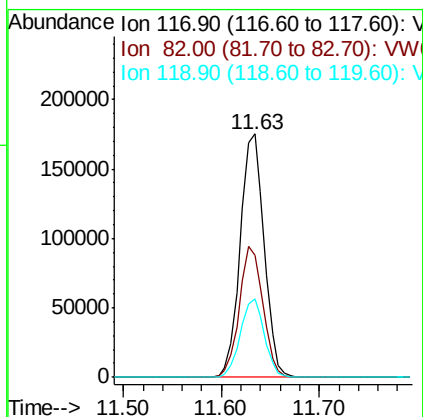
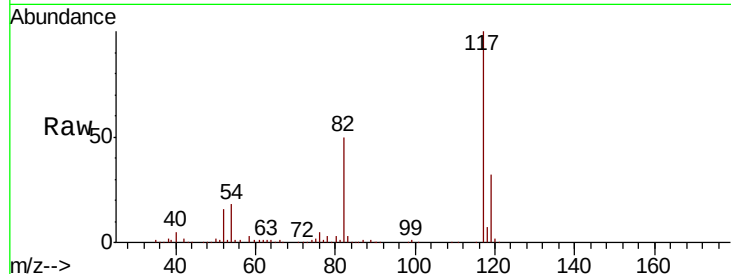




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013682.D
Acq: 23 Oct 2019 21:51

Instrument :
MSVOA_W
ClientSampleId :
182-08-(2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	43.6	65.4
119	32.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013682.D
Acq: 23 Oct 2019 21:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.4	82.2
150	157.4	0.0	345.4

