

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013502.D
 Acq On : 09 Oct 2019 14:27
 Operator : SY/VA
 Sample : K5281-02
 Misc : 7.91G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-062

Quant Time: Oct 10 03:18:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	289787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118901	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
35) Dibromofluoromethane	7.88	113	120094	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.32	98	485720	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.62	95	152940	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	

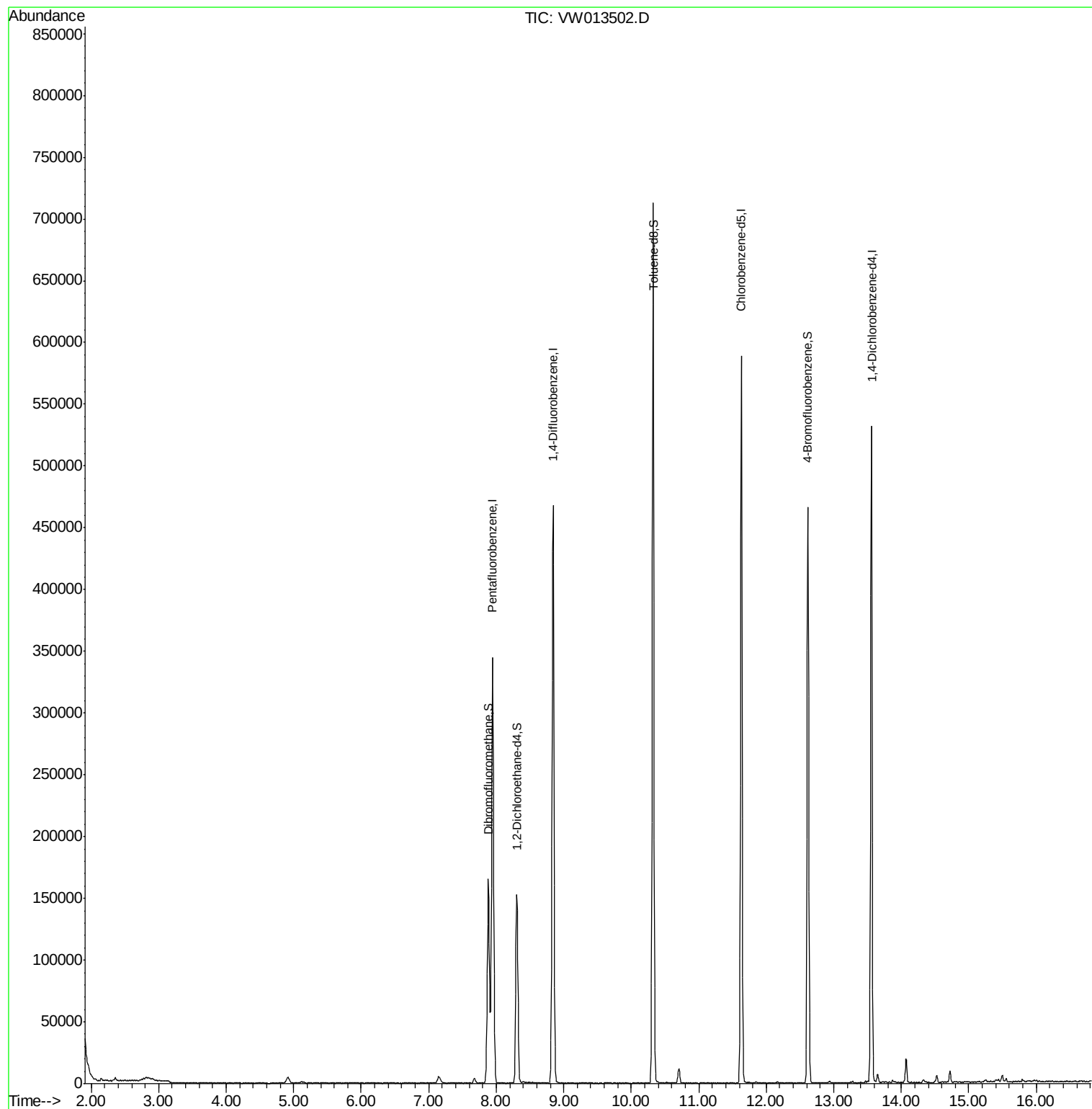
Target Compounds	Qvalue
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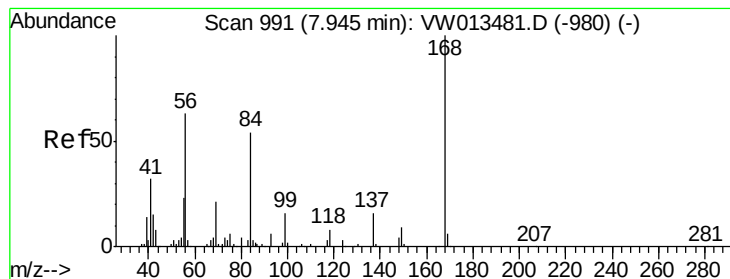
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013502.D

Acq: 09 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampled :

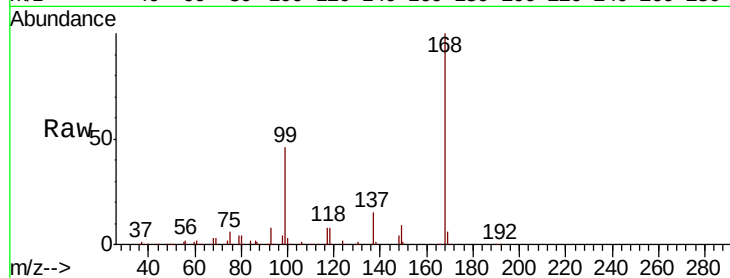
FK-PS-01-062

Tot Ion:168 Resp: 289787

Ion Ratio Lower Upper

168 100

99 46.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

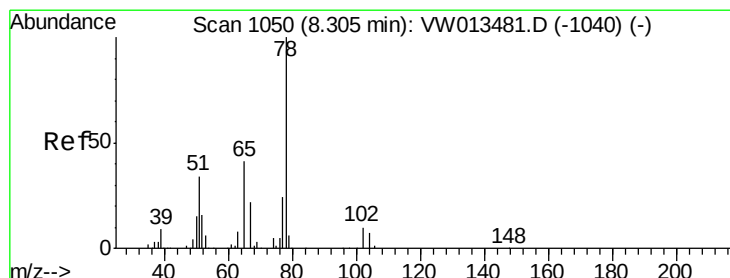
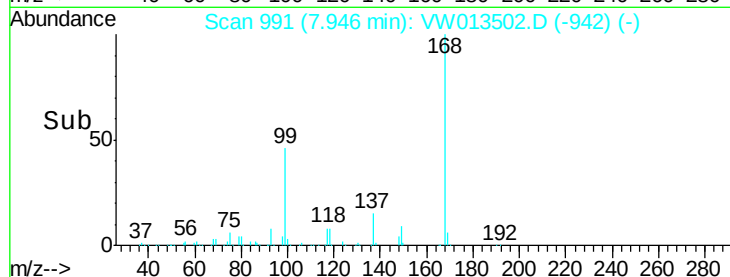
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 53.107 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013502.D

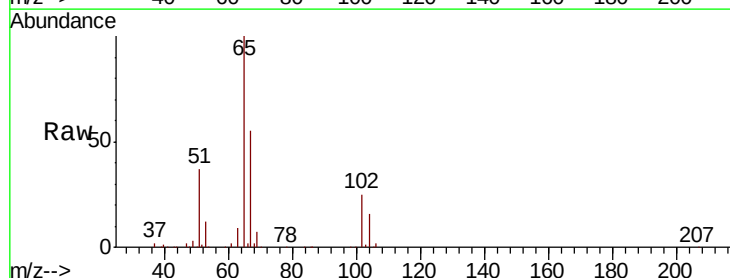
Acq: 09 Oct 2019 14:27

Tgt Ion: 65 Resp: 118901

Ion Ratio Lower Upper

65 100

67 53.5 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

60000

50000

40000

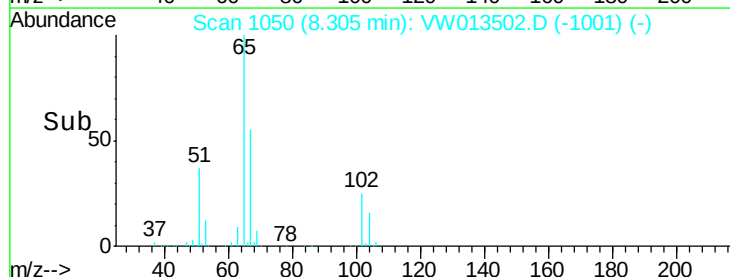
30000

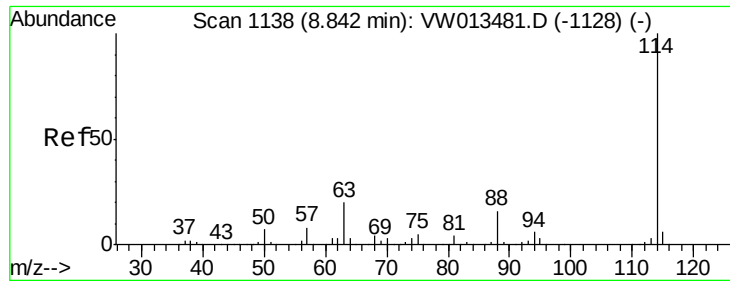
20000

10000

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: VW013502.D

Acq: 09 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-062

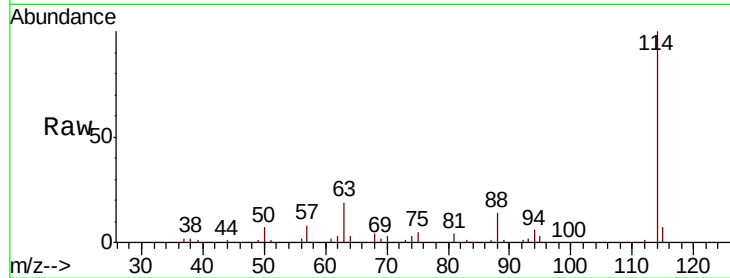
Tot Ion:114 Resp: 424181

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.4

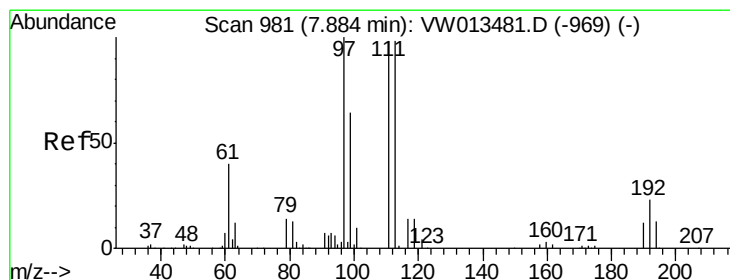
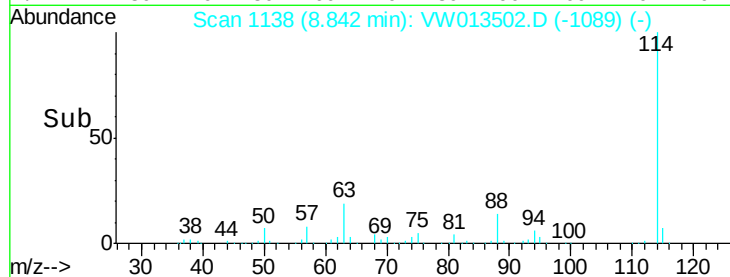
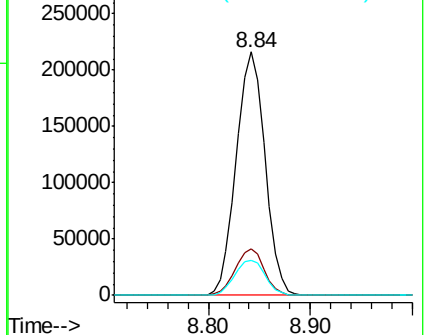
88 14.5 0.0 31.4



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: 50.691 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013502.D

Acq: 09 Oct 2019 14:27

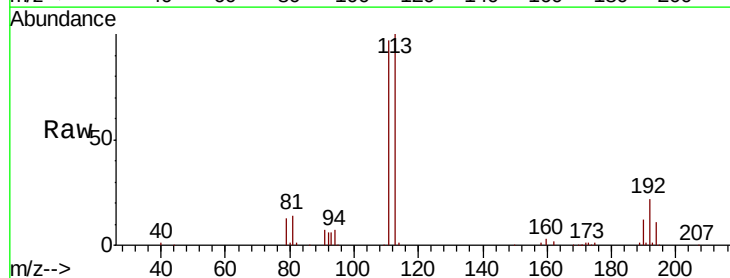
Tgt Ion:113 Resp: 120094

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

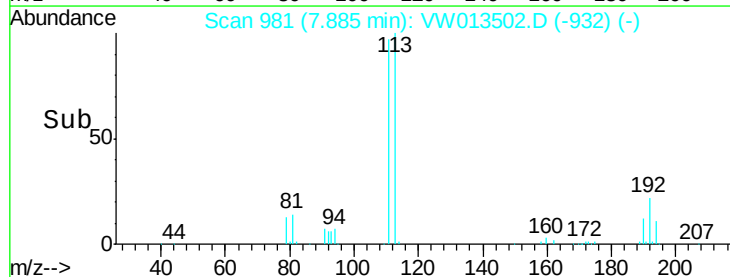
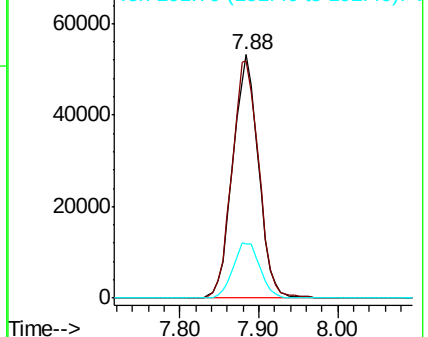
192 23.9 19.3 28.9

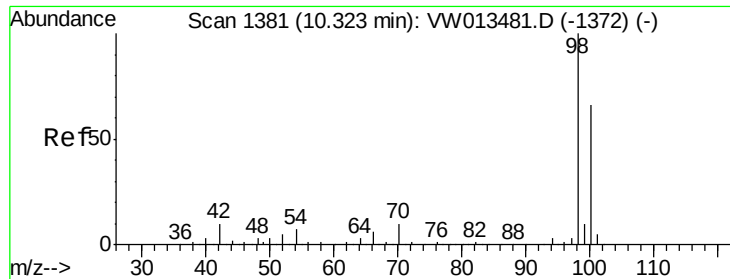


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.786 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013502.D

Acq: 09 Oct 2019 14:27

Instrument :

MSVOA_W

ClientSampleId :

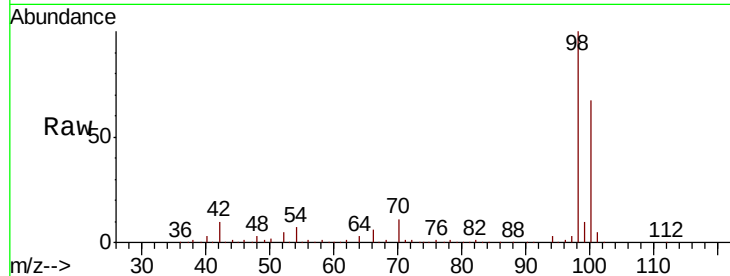
FK-PS-01-062

Tot Ion: 98 Resp: 485720

Ion Ratio Lower Upper

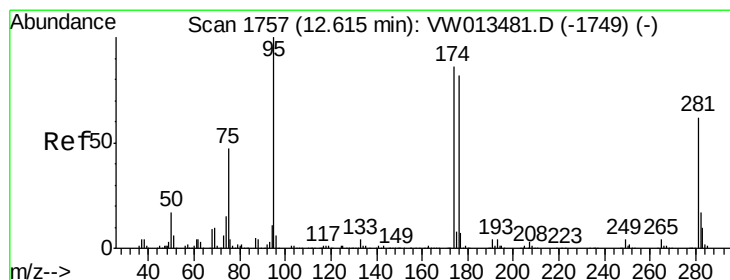
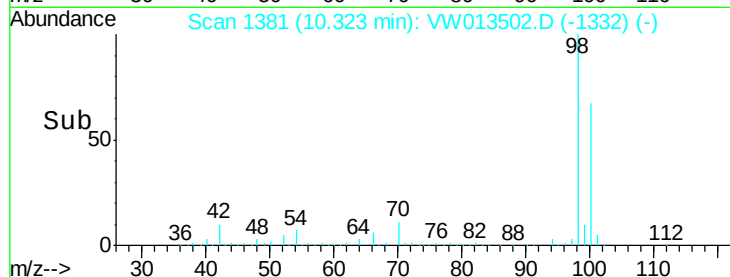
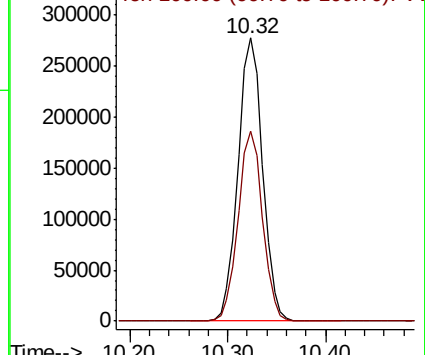
98 100

100 66.5 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.727 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013502.D

Acq: 09 Oct 2019 14:27

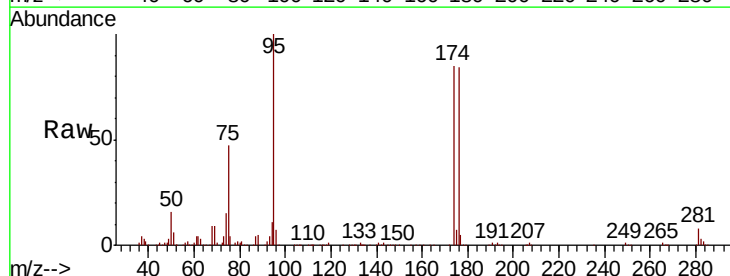
Tgt Ion: 95 Resp: 152940

Ion Ratio Lower Upper

95 100

174 90.4 0.0 177.4

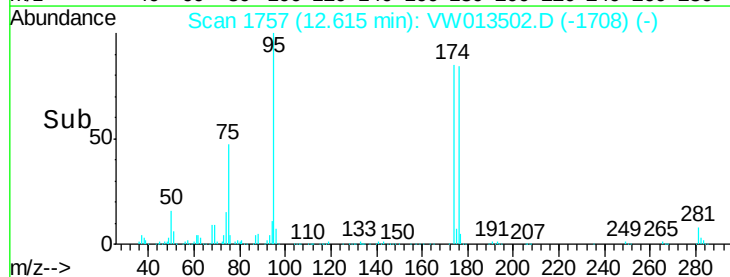
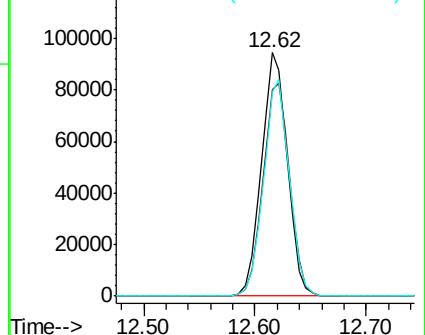
176 88.8 0.0 173.4

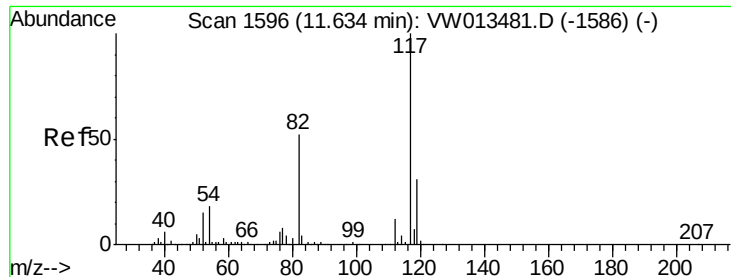


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

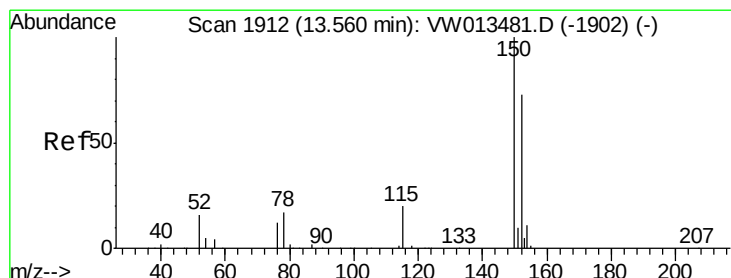
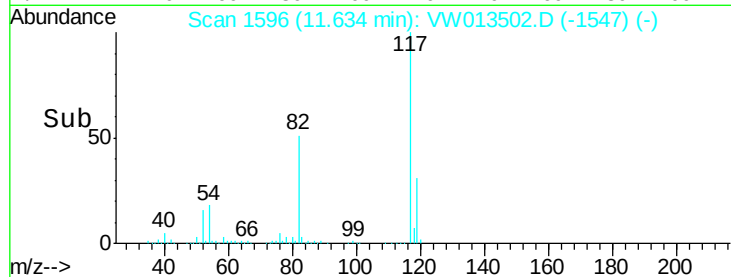
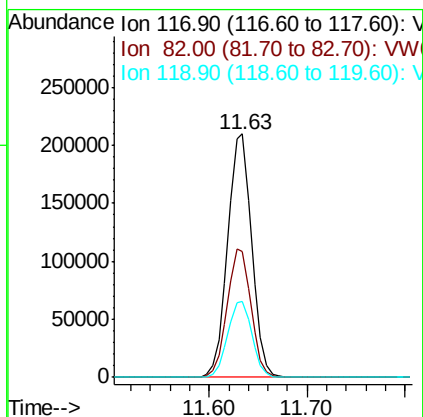
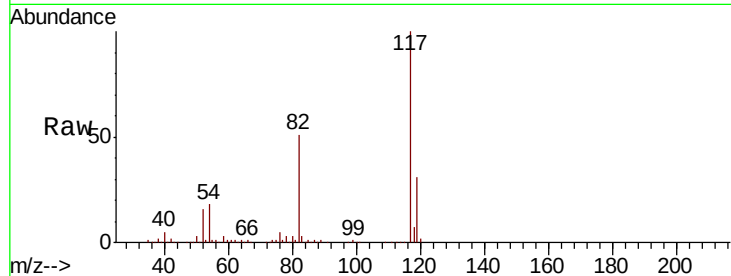




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW013502.D
Acq: 09 Oct 2019 14:27

Instrument :
MSVOA_W
ClientSampled :
FK-PS-01-062

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.4	62.2
119	31.1	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013502.D
Acq: 09 Oct 2019 14:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.0	81.0
150	155.9	0.0	337.4

