

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013983.D
 Acq On : 12 Nov 2019 18:40
 Operator : SY/VA
 Sample : K5788-01
 Misc : 6.28G/5.0ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-1

Quant Time: Nov 13 07:56:29 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	283839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	444768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128833	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	125734	59.05	ug/l	0.00
Spiked Amount						
			Recovery	=	118.10%	
35) Dibromofluoromethane	7.88	113	130328	52.73	ug/l	0.00
Spiked Amount						
			Recovery	=	105.46%	
50) Toluene-d8	10.32	98	501048	49.76	ug/l	0.00
Spiked Amount						
			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.62	95	138775	40.70	ug/l	0.00
Spiked Amount						
			Recovery	=	81.40%	

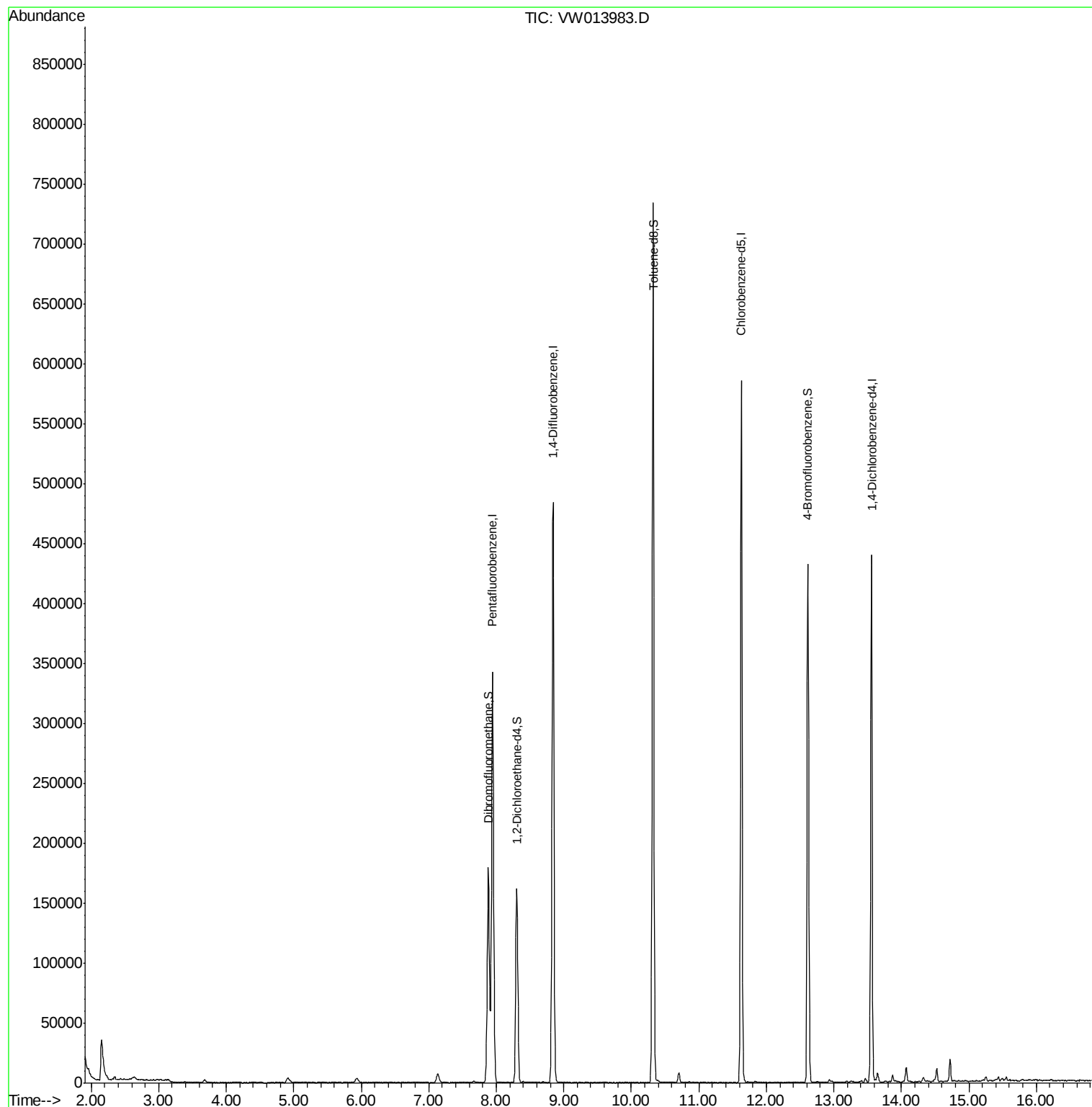
Target Compounds	Qvalue
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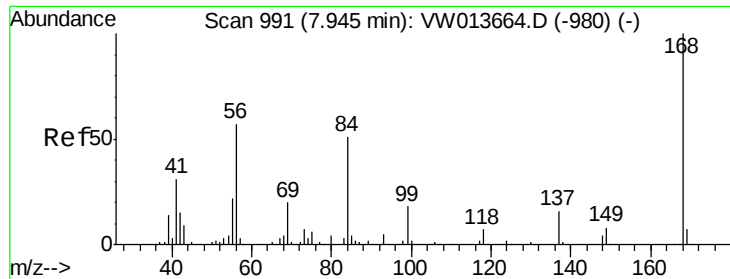
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
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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: VW013983.D

Acq: 12 Nov 2019 18:40

Instrument :

MSVOA_W

ClientSampled :

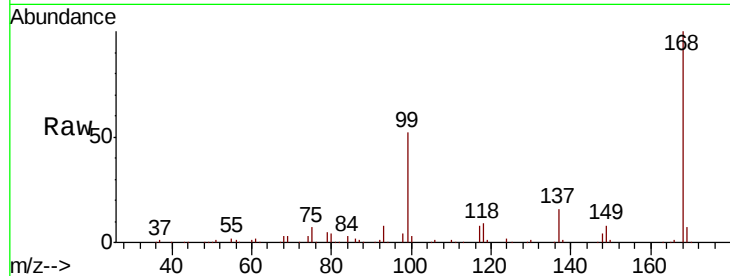
B-1

Tot Ion:168 Resp: 283839

Ion Ratio Lower Upper

168 100

99 51.9 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

150000

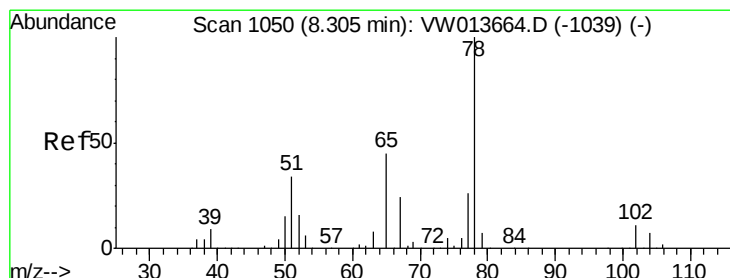
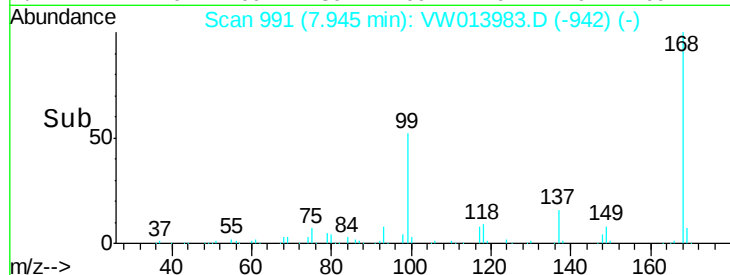
100000

50000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 59.051 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013983.D

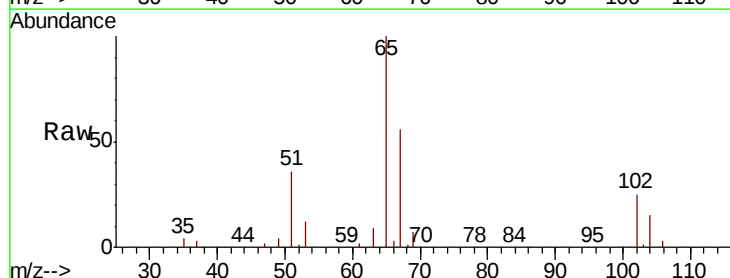
Acq: 12 Nov 2019 18:40

Tgt Ion: 65 Resp: 125734

Ion Ratio Lower Upper

65 100

67 53.8 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

60000

50000

40000

30000

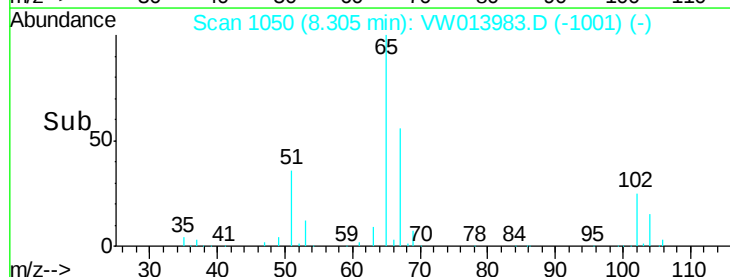
20000

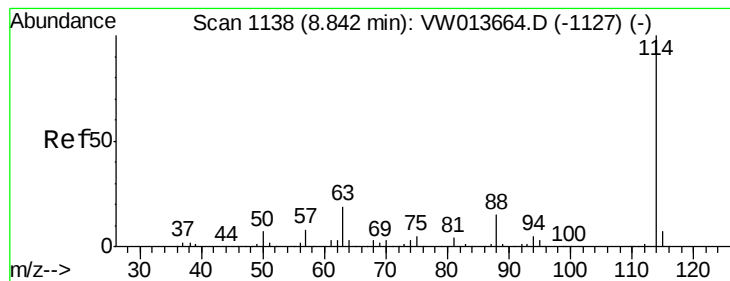
10000

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: VW013983.D

Acq: 12 Nov 2019 18:40

Instrument :

MSVOA_W

ClientSampleId :

B-1

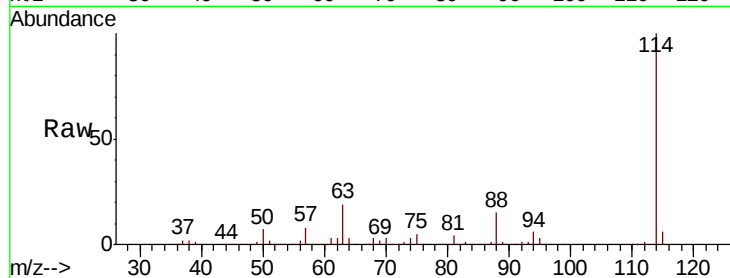
Tot Ion:114 Resp: 444768

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

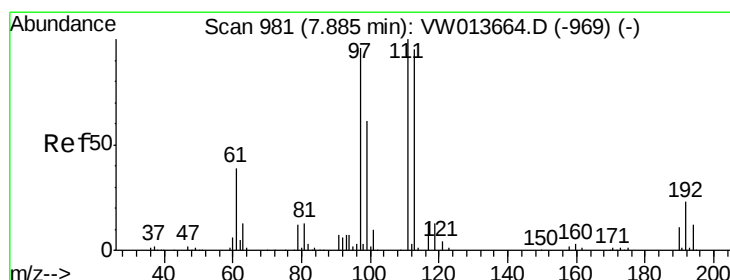
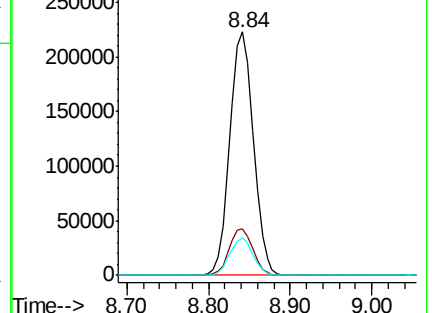
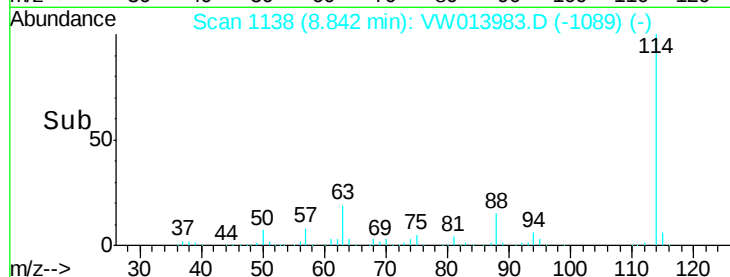
88 15.2 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 52.735 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013983.D

Acq: 12 Nov 2019 18:40

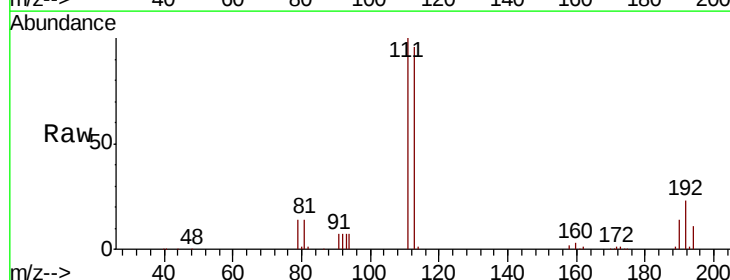
Tgt Ion:113 Resp: 130328

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

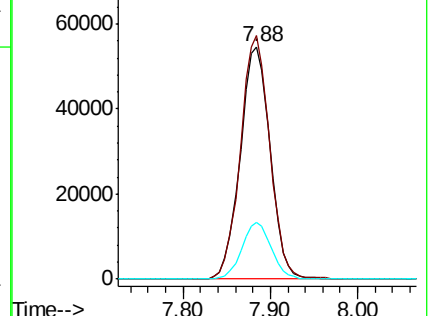
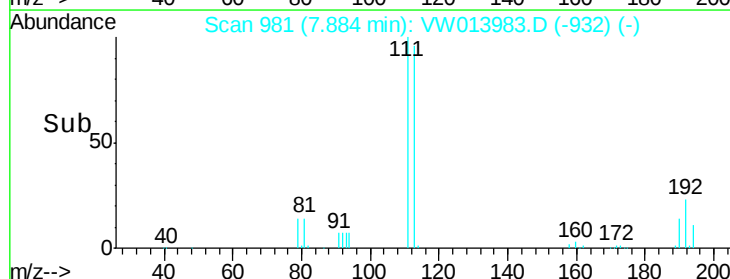
192 24.0 19.4 29.2



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





#50

Toluene-d8

Concen: 49.755 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013983.D

Acq: 12 Nov 2019 18:40

Instrument :

MSVOA_W

ClientSampleId :

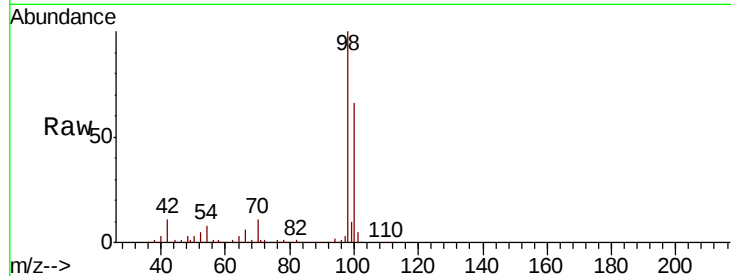
B-1

Tot Ion: 98 Resp: 501048

Ion Ratio Lower Upper

98 100

100 65.4 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

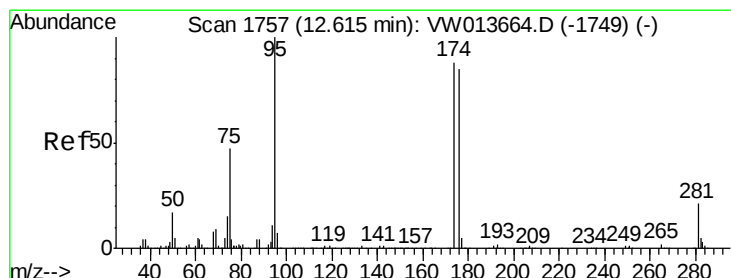
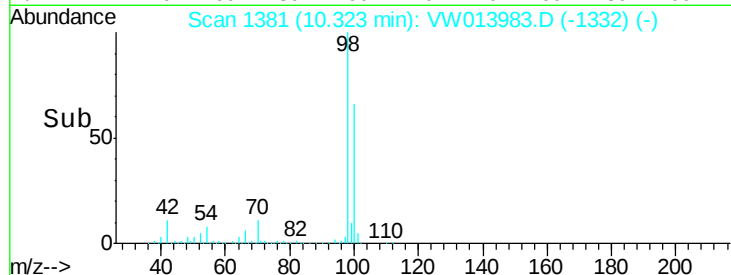
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 40.699 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013983.D

Acq: 12 Nov 2019 18:40

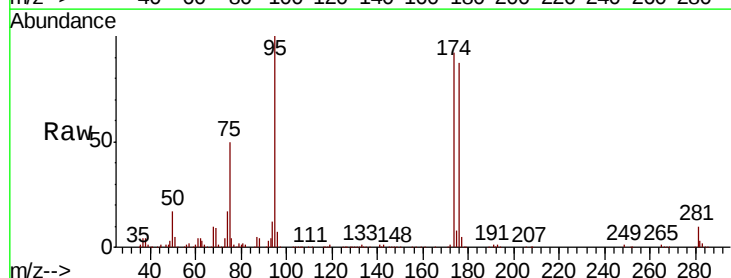
Tgt Ion: 95 Resp: 138775

Ion Ratio Lower Upper

95 100

174 92.6 0.0 183.6

176 88.7 0.0 178.0



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

12.62

100000

80000

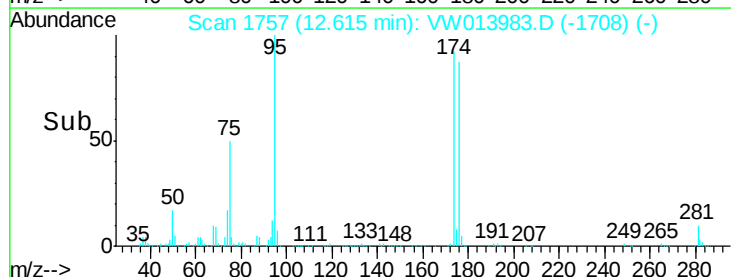
60000

40000

20000

0

Time--> 12.60 12.70

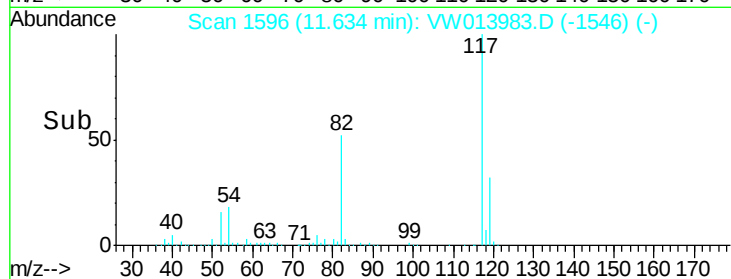
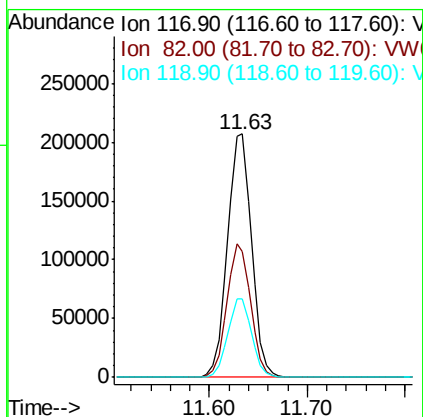
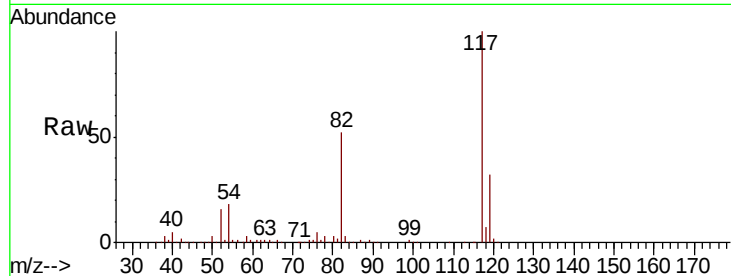




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013983.D
Acq: 12 Nov 2019 18:40

Instrument :
MSVOA_W
ClientSampled :
B-1

Tot Ion:117 Resp: 352885
Ion Ratio Lower Upper
117 100
82 52.0 43.6 65.4
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013983.D
Acq: 12 Nov 2019 18:40

Tgt Ion:152 Resp: 128833
Ion Ratio Lower Upper
152 100
115 53.2 27.4 82.2
150 155.6 0.0 345.4

