

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013980.D
 Acq On : 12 Nov 2019 17:22
 Operator : SY/VA
 Sample : K5722-17RE
 Misc : 8.76G/5.0ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 3-ARE

Quant Time: Nov 13 07:30:45 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	21507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	32487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	26353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	6255	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11043	68.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.90%	
35) Dibromofluoromethane	7.88	113	10715	59.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.72%	
50) Toluene-d8	10.32	98	38079	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.62	95	10335	41.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.00%	

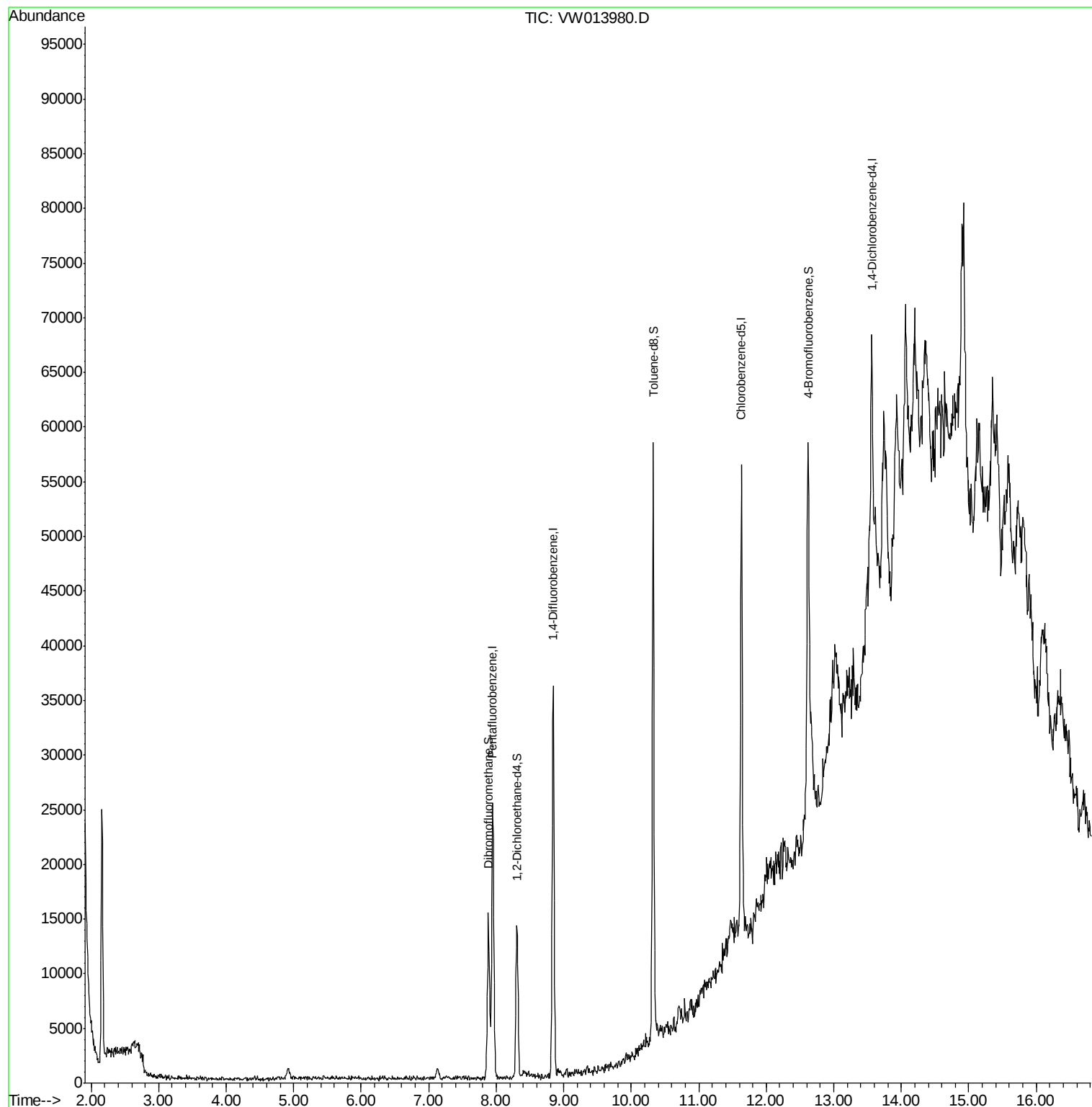
Target Compounds	Qvalue

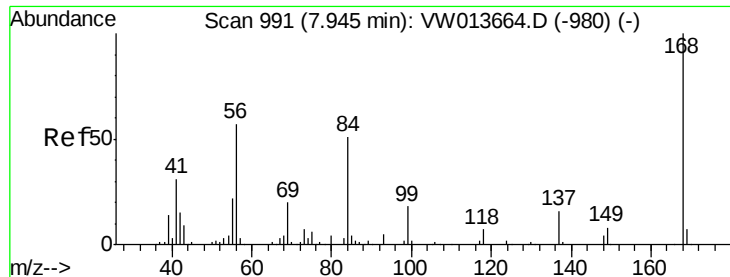
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 992

Delta R.T. 0.01 min

Lab File: VW013980.D

Acq: 12 Nov 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

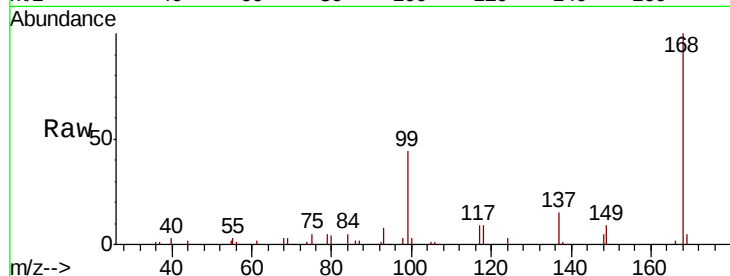
3-ARE

Tot Ion:168 Resp: 21507

Ion Ratio Lower Upper

168 100

99 44.4 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

10000

8000

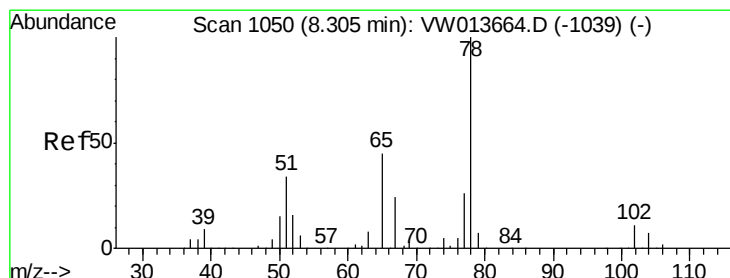
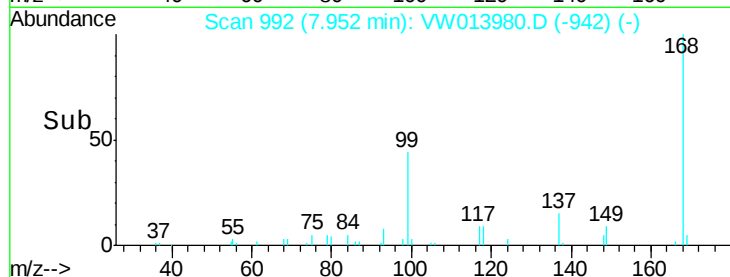
6000

4000

2000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 68.447 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013980.D

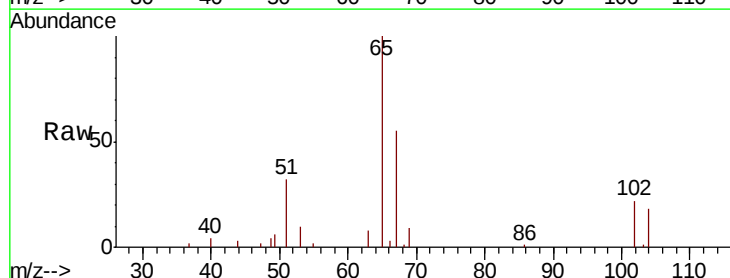
Acq: 12 Nov 2019 17:22

Tgt Ion: 65 Resp: 11043

Ion Ratio Lower Upper

65 100

67 55.6 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

6000

5000

4000

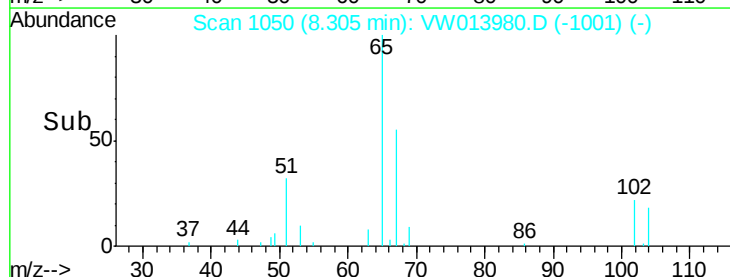
3000

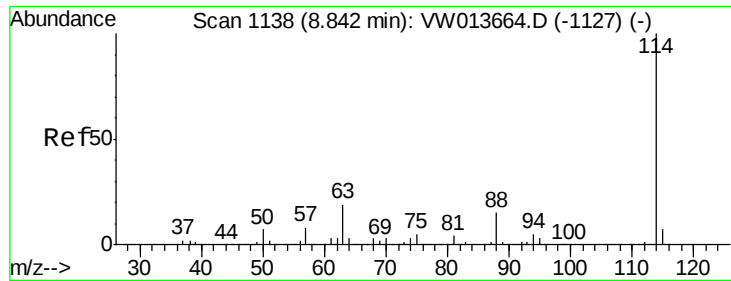
2000

1000

0

Time-->

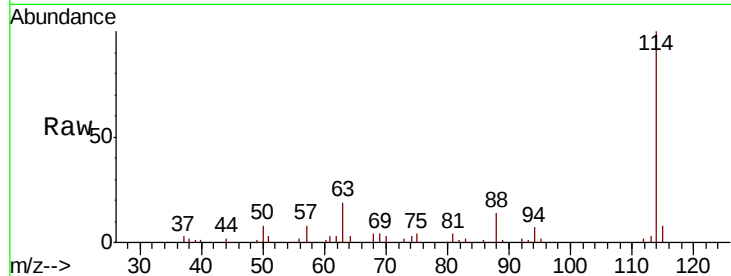




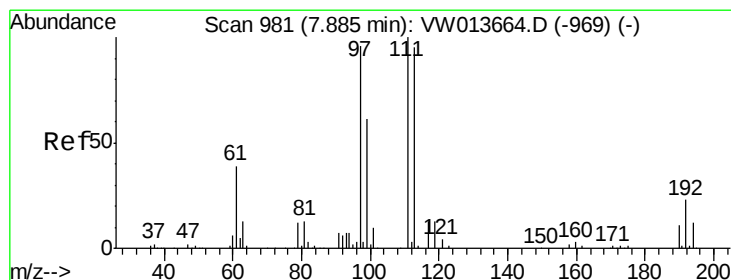
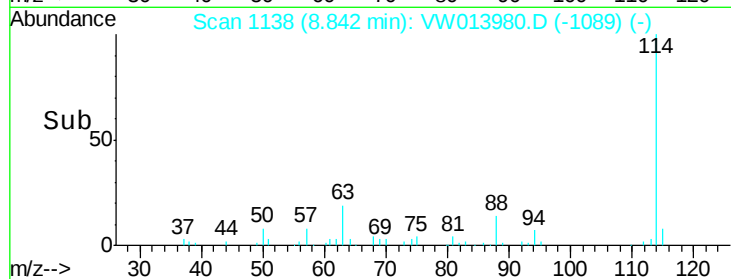
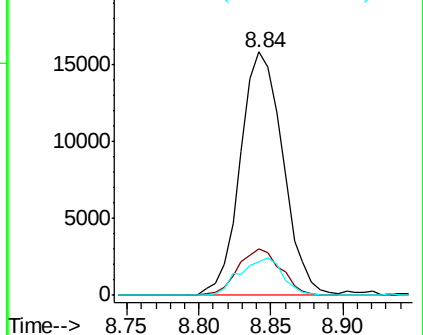
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW013980.D
Acq: 12 Nov 2019 17:22

Instrument :
MSVOA_W
ClientSampleId :
3-ARE

Tot Ion:114 Resp: 32487
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.6
88 13.9 0.0 30.2

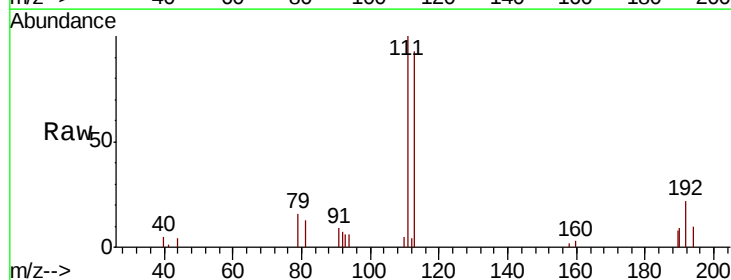


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

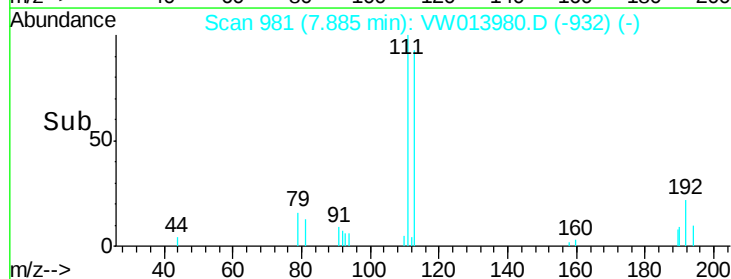
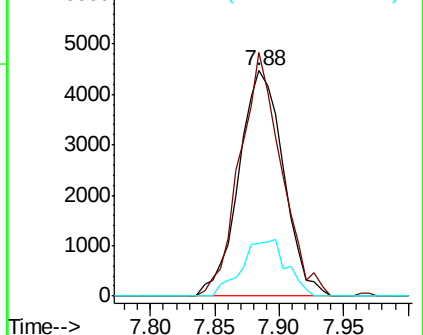


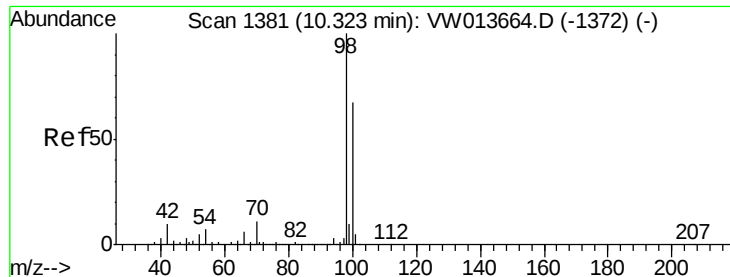
#35
Dibromofluoromethane
Concen: 59.358 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW013980.D
Acq: 12 Nov 2019 17:22

Tgt Ion:113 Resp: 10715
Ion Ratio Lower Upper
113 100
111 100.9 83.0 124.6
192 25.0 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: 51.769 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013980.D

Acq: 12 Nov 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

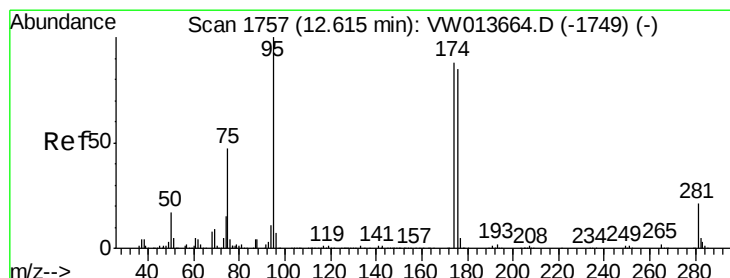
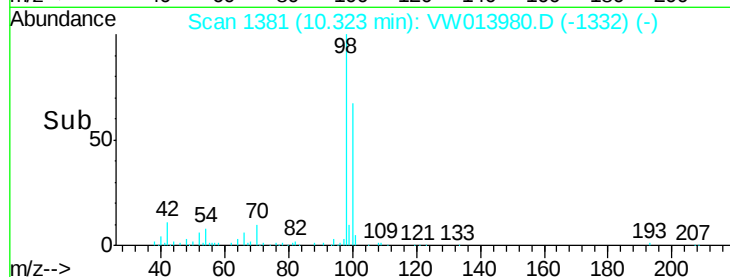
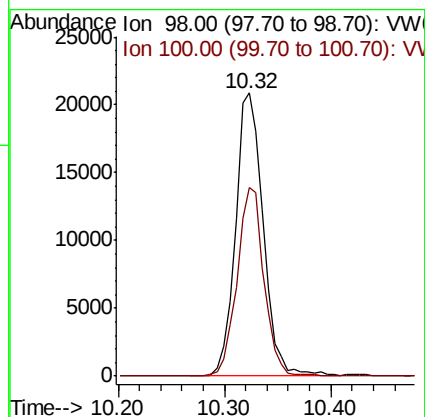
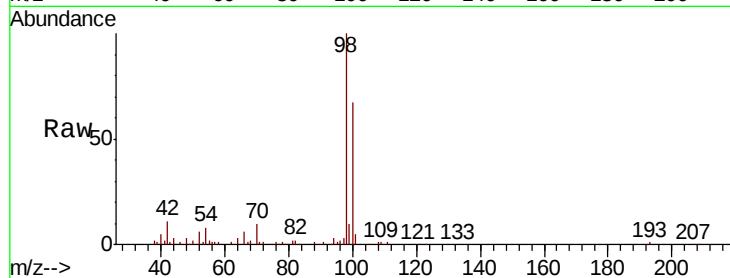
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Tot Ion: 98 Resp: 38079

Ion Ratio Lower Upper

98 100

100 64.6 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 41.496 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW013980.D

Acq: 12 Nov 2019 17:22

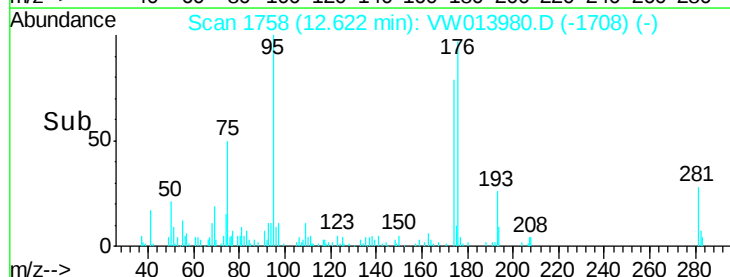
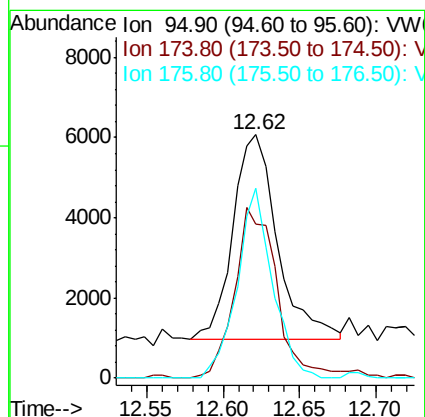
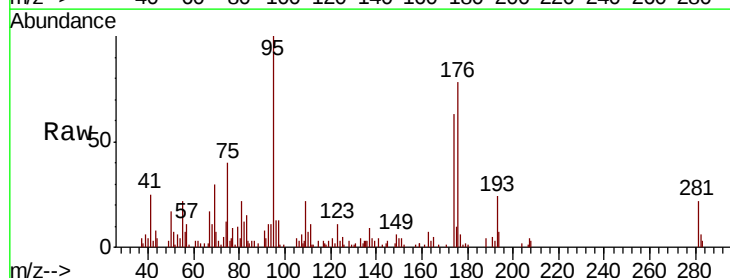
Tgt Ion: 95 Resp: 10335

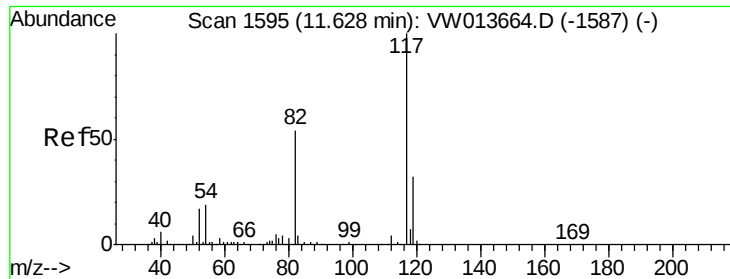
Ion Ratio Lower Upper

95 100

174 80.9 0.0 183.6

176 73.5 0.0 178.0

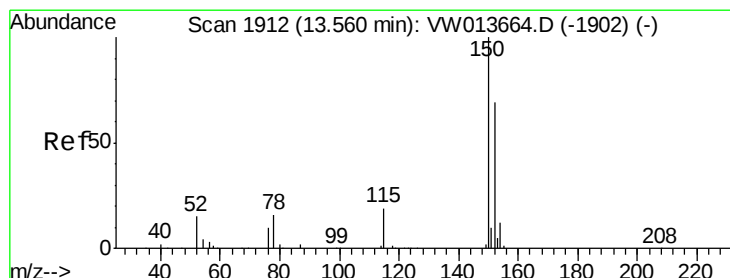
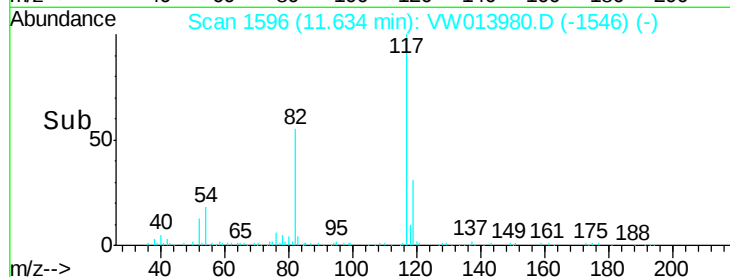
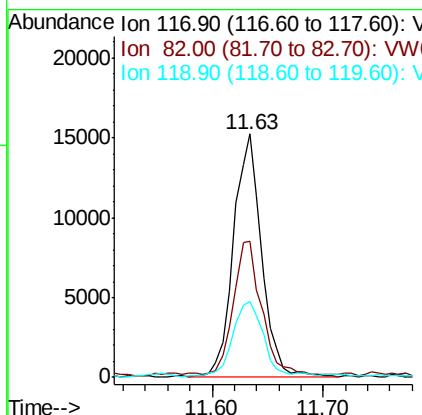
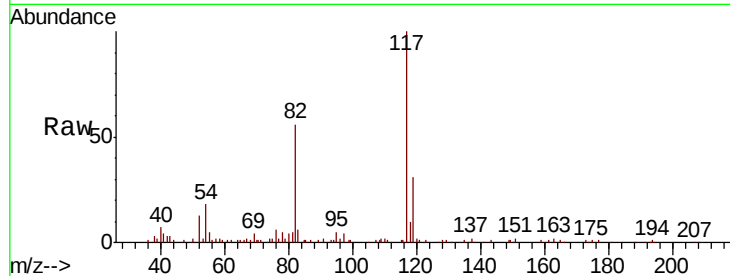




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013980.D
Acq: 12 Nov 2019 17:22

Instrument :
MSVOA_W
ClientSampled :
3-ARE

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.6	65.4
119	30.6	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: VW013980.D
Acq: 12 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.9	27.4	82.2
150	138.7	0.0	345.4

