

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011749.D
 Acq On : 07 Aug 2019 14:23
 Operator : SY/VA
 Sample : K4178-01
 Misc : 4.90G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 370-371

Quant Time: Aug 08 08:53:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90723	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141269	57.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.24%	
35) Dibromofluoromethane	7.88	113	110613	55.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.74%	
50) Toluene-d8	10.32	98	428481	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.62	95	118746	40.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.44%	

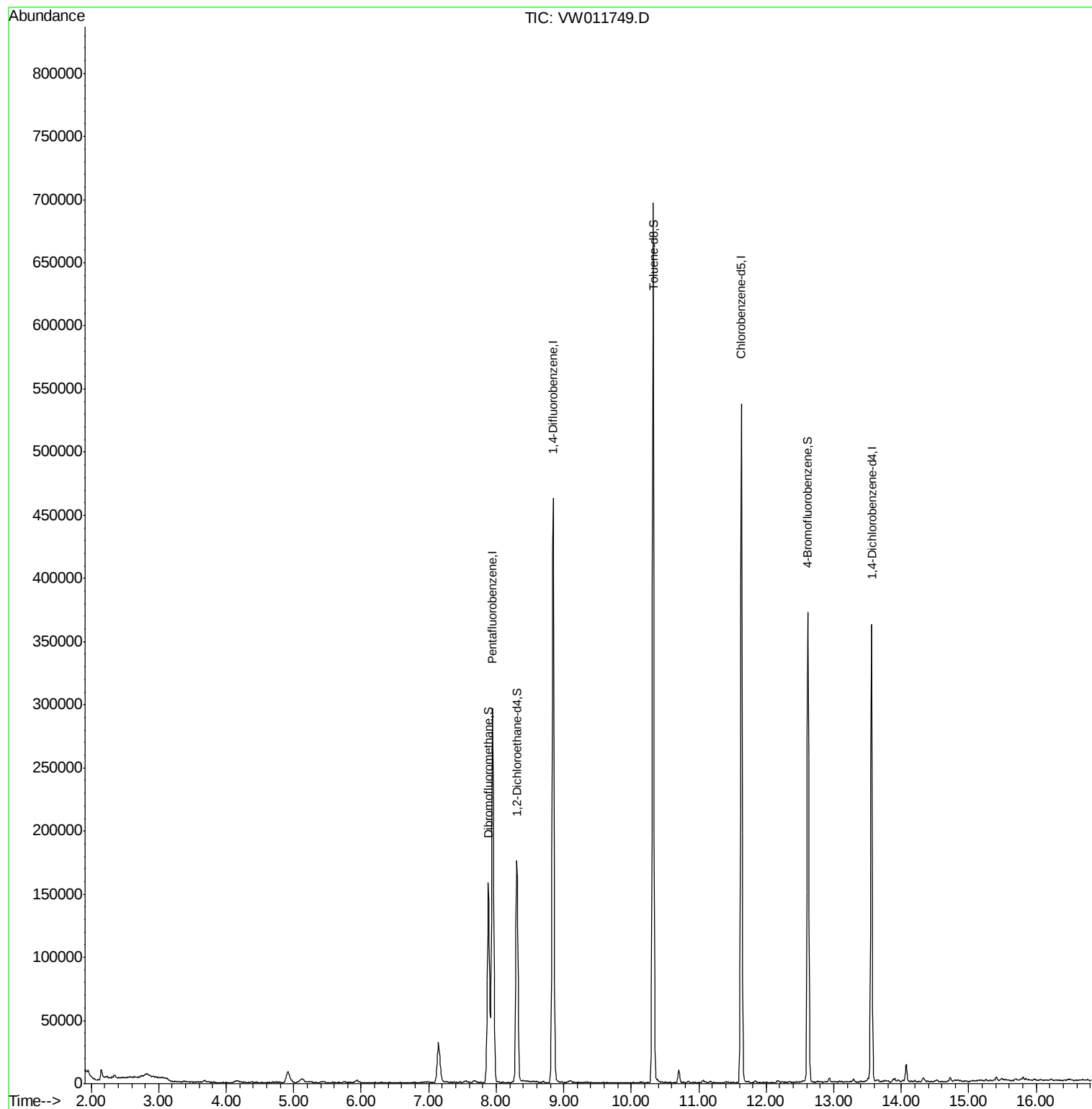
Target Compounds	Qvalue

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW011749.D

Acq: 07 Aug 2019 14:23

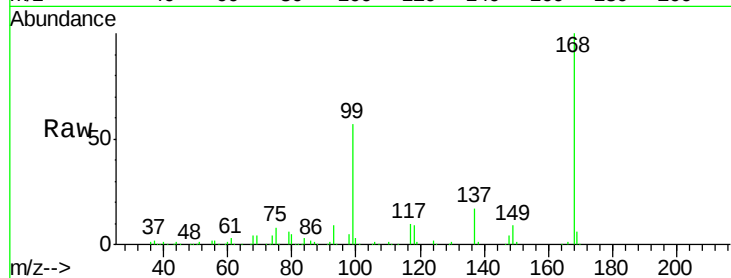
Instrument :
MSVOA_W
ClientSampled :
370-371

Tot Ion:168 Resp: 213531

Ion Ratio Lower Upper

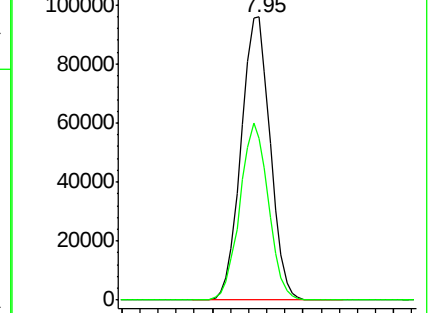
168 100

99 57.0 48.2 72.4

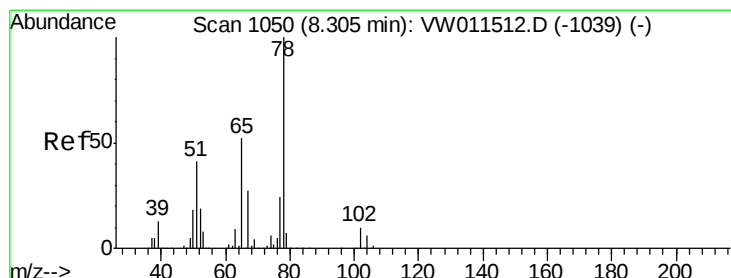
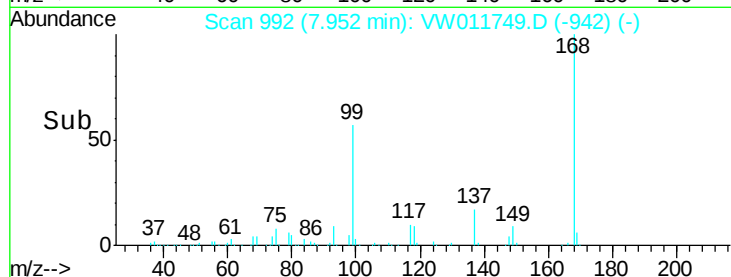


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.615 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011749.D

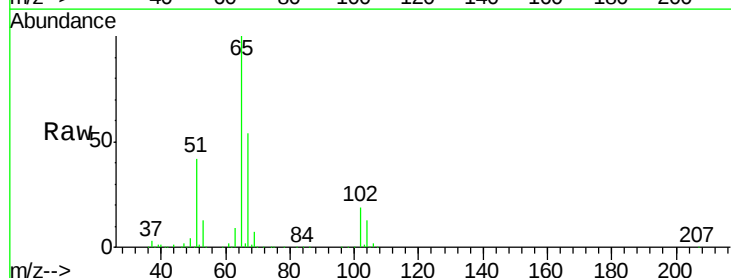
Acq: 07 Aug 2019 14:23

Tgt Ion: 65 Resp: 141269

Ion Ratio Lower Upper

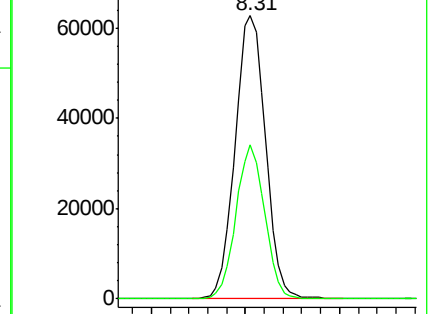
65 100

67 51.4 0.0 105.2

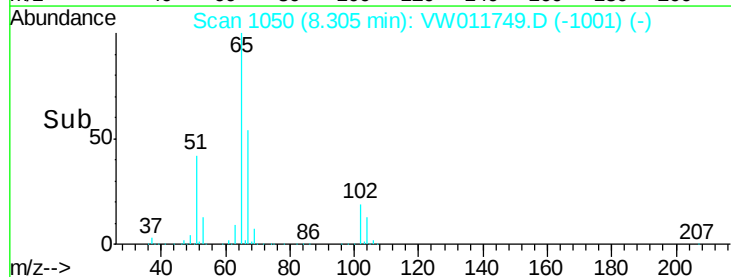


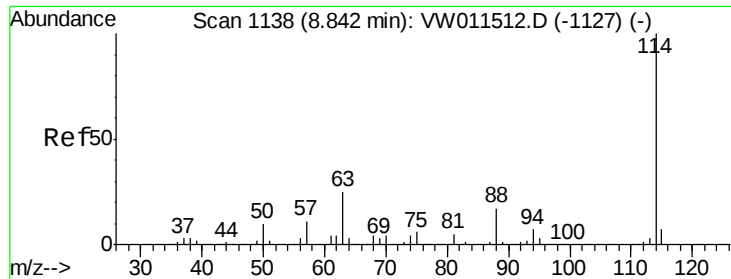
Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time--> 8.20 8.30 8.40

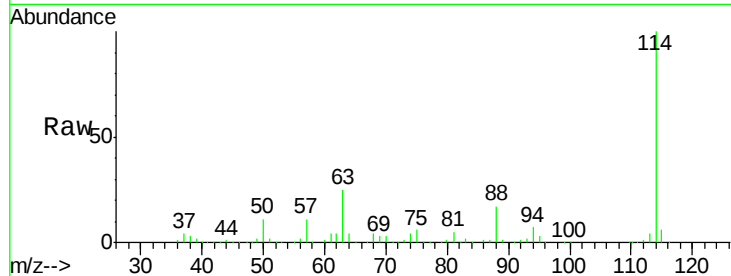




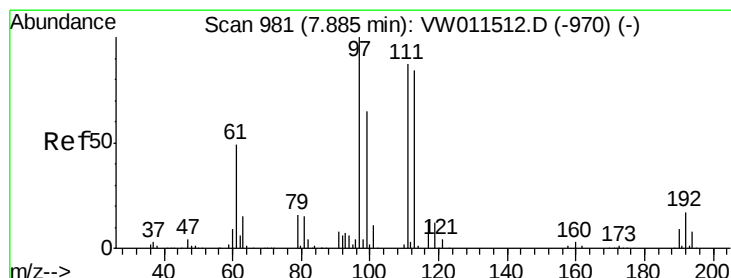
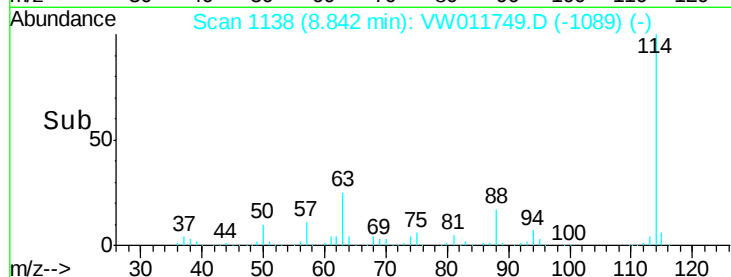
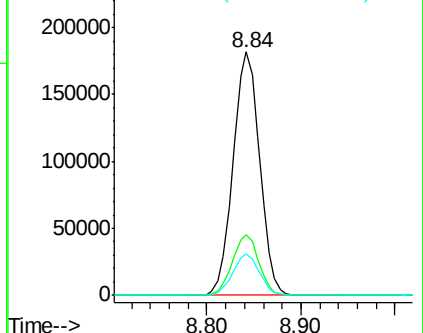
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011749.D
 Acq: 07 Aug 2019 14:23

Instrument :
 MSVOA_W
 ClientSampleId :
 370-371

Tot Ion:114 Resp: 356111
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.2
 88 17.0 0.0 33.8

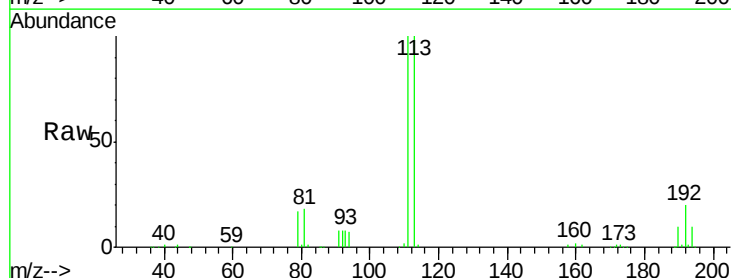


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

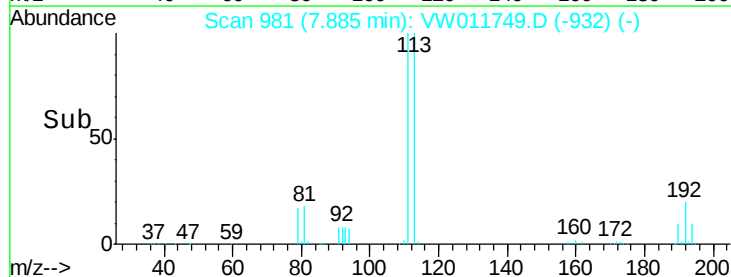
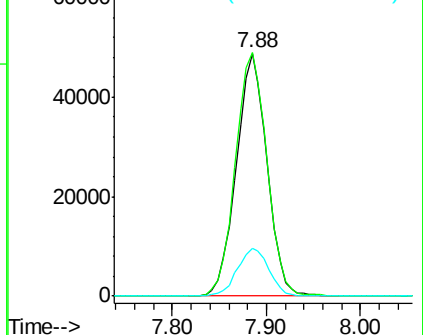


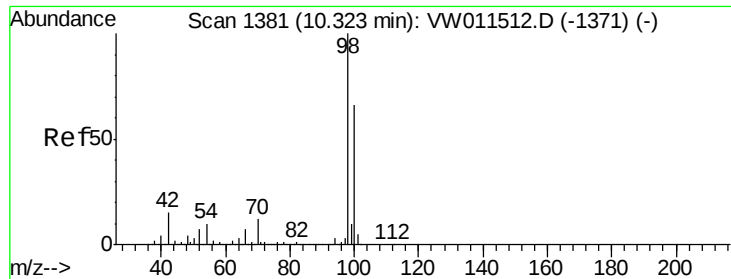
#35
 Dibromofluoromethane
 Concen: 55.366 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011749.D
 Acq: 07 Aug 2019 14:23

Tgt Ion:113 Resp: 110613
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.7 124.1
 192 20.2 16.1 24.1



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: 52.383 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011749.D

Acq: 07 Aug 2019 14:23

Instrument :

MSVOA_W

ClientSampled :

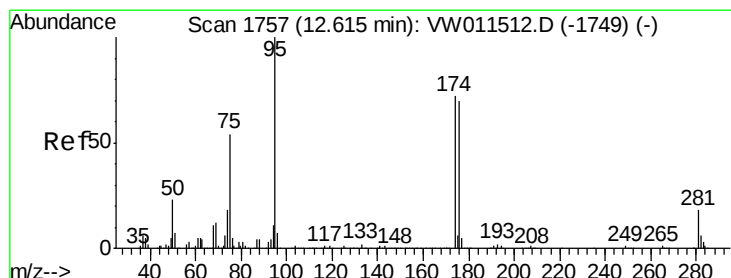
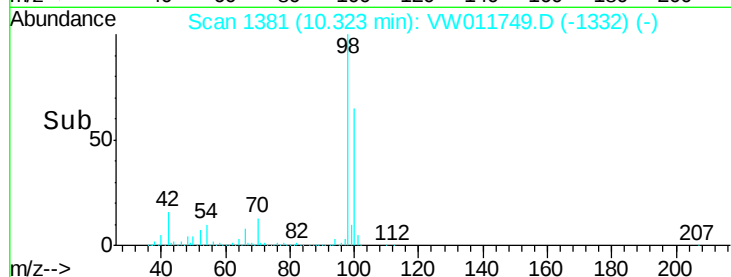
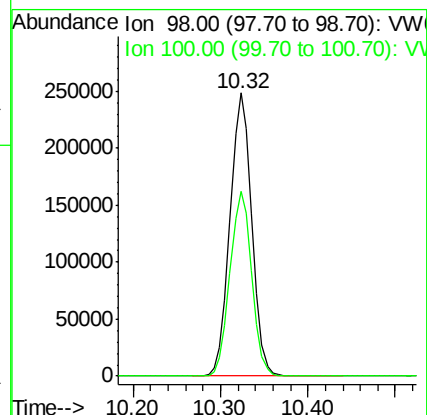
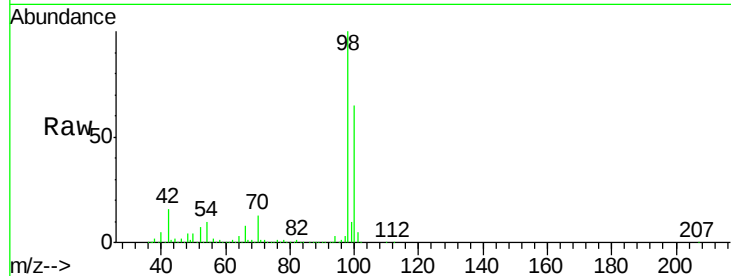
370-371

Tot Ion: 98 Resp: 428481

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 40.719 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011749.D

Acq: 07 Aug 2019 14:23

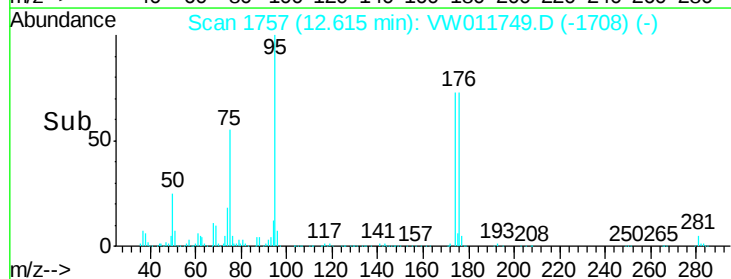
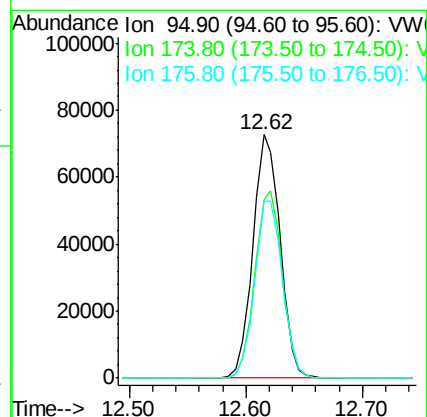
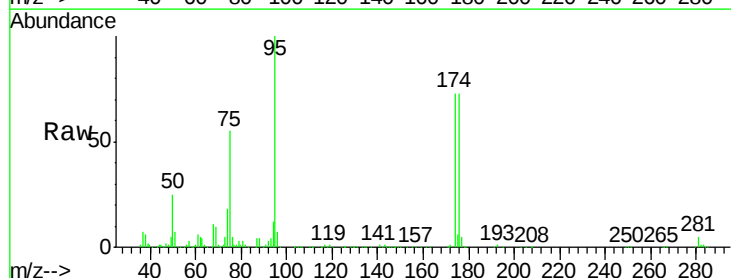
Tgt Ion: 95 Resp: 118746

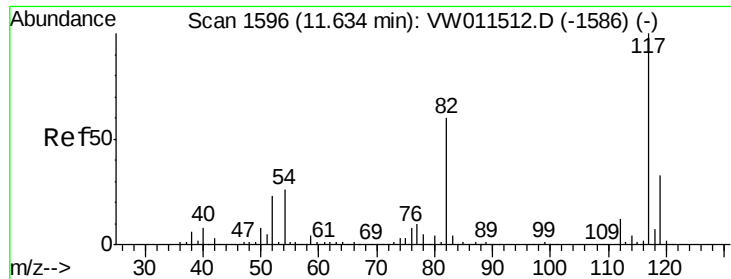
Ion Ratio Lower Upper

95 100

174 77.4 0.0 150.2

176 74.4 0.0 144.4

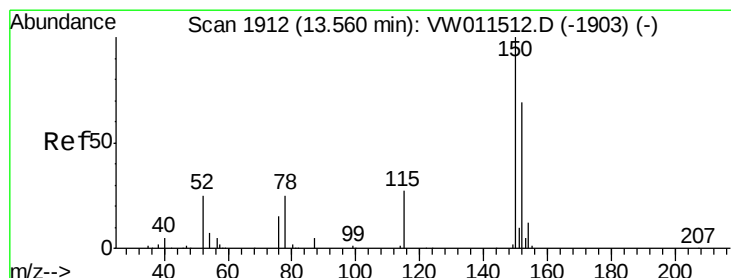
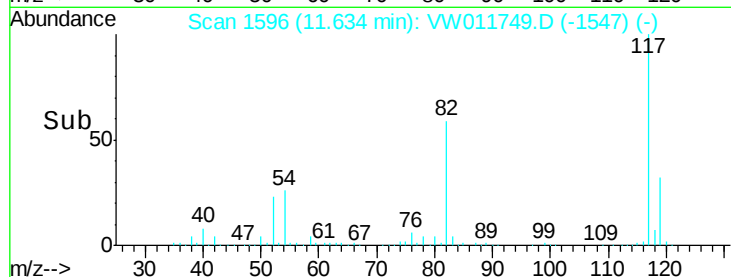
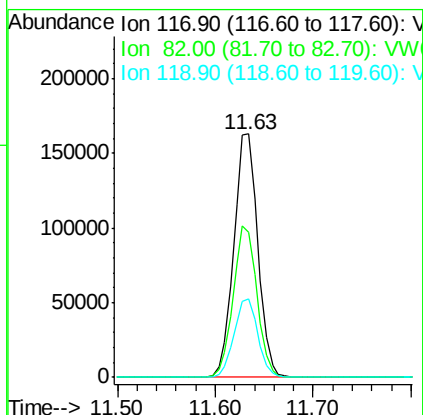
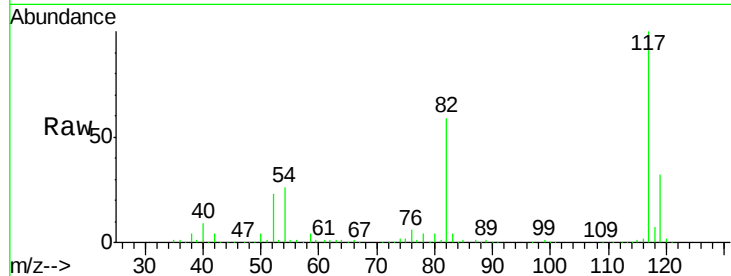




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011749.D
Acq: 07 Aug 2019 14:23

Instrument :
MSVOA_W
ClientSampled :
370-371

Tot Ion:117 Resp: 277477
Ion Ratio Lower Upper
117 100
82 59.4 47.9 71.9
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011749.D
Acq: 07 Aug 2019 14:23

Tgt Ion:152 Resp: 90723
Ion Ratio Lower Upper
152 100
115 59.7 30.5 91.5
150 157.2 0.0 352.6

