

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081719\
 Data File : VW011967.D
 Acq On : 16 Aug 2019 16:09
 Operator : SY/VA
 Sample : K4366-04
 Misc : 5.49G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-4

Quant Time: Aug 17 05:32:12 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	228969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137818	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	142553	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
35) Dibromofluoromethane	7.88	113	114251	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
50) Toluene-d8	10.32	98	468361	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
62) 4-Bromofluorobenzene	12.62	95	153802	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	

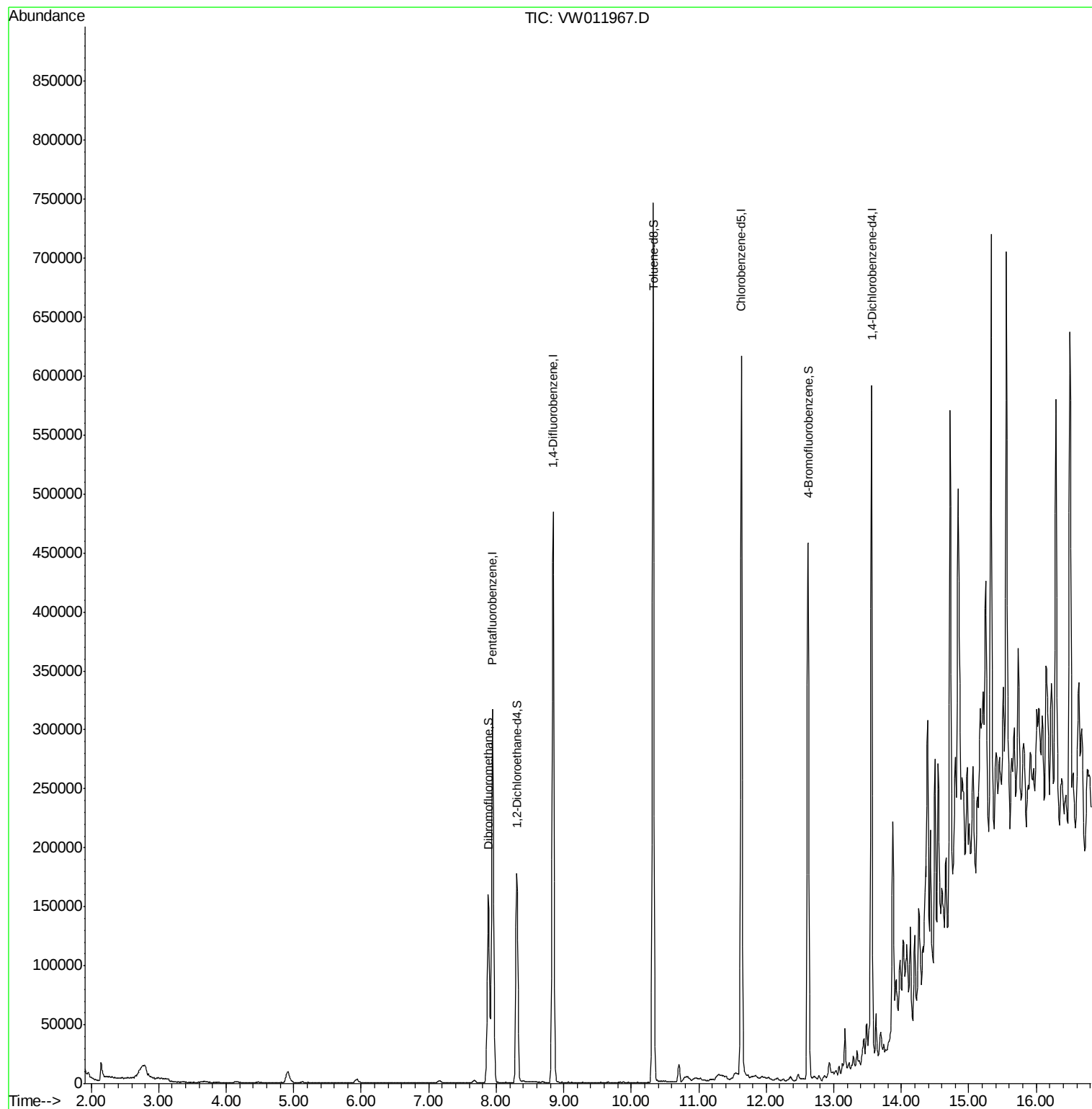
Target Compounds	Qvalue
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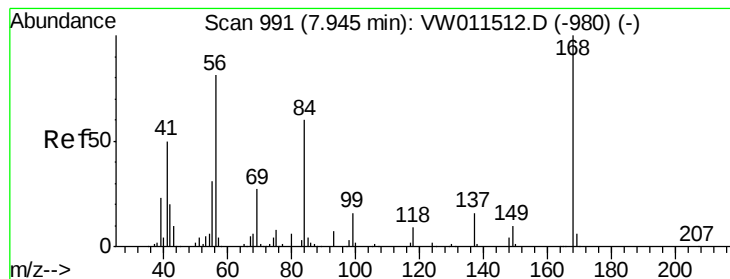
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011967.D

Acq: 16 Aug 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

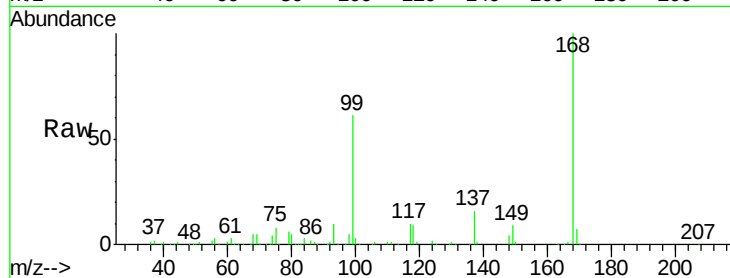
PX-4

Tot Ion:168 Resp: 228969

Ion Ratio Lower Upper

168 100

99 60.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

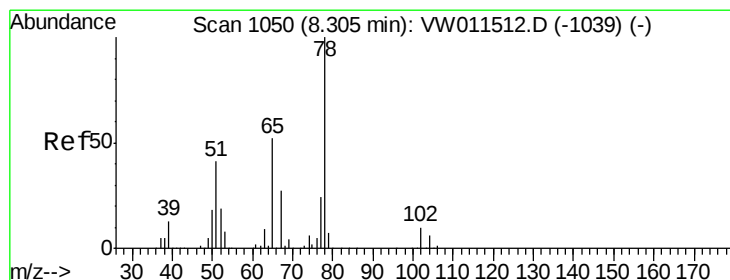
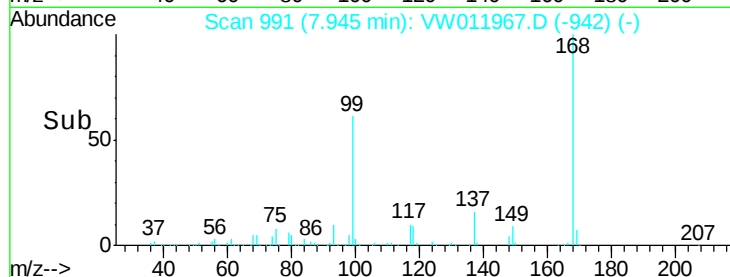
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.219 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011967.D

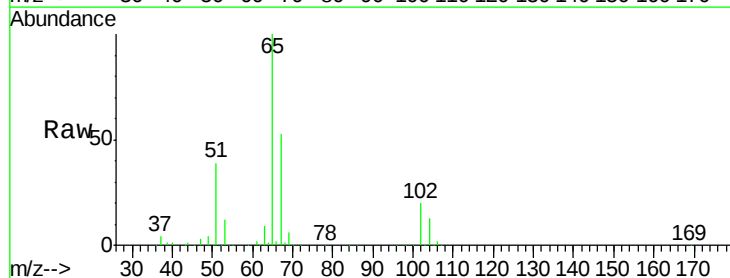
Acq: 16 Aug 2019 16:09

Tgt Ion: 65 Resp: 142553

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

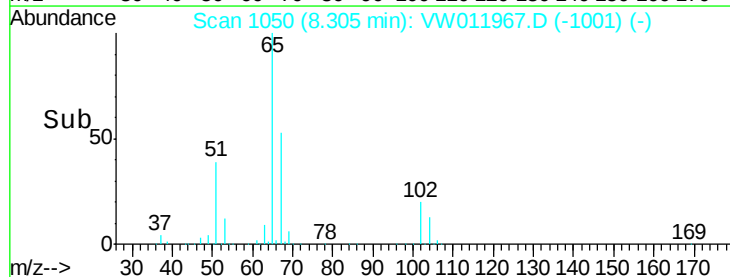
60000

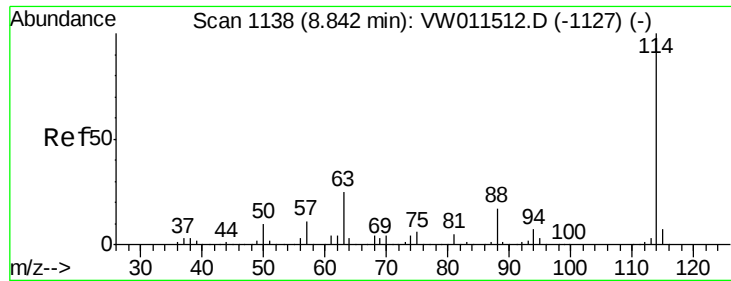
40000

20000

0

Time--> 8.20 8.30 8.40

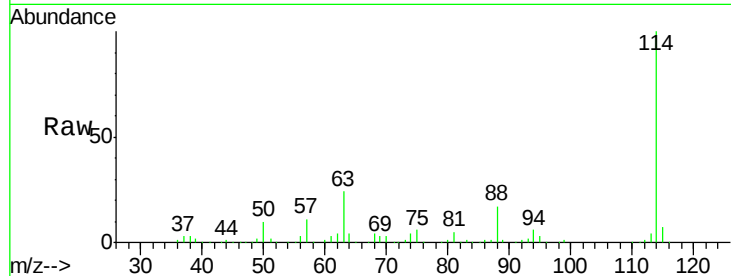




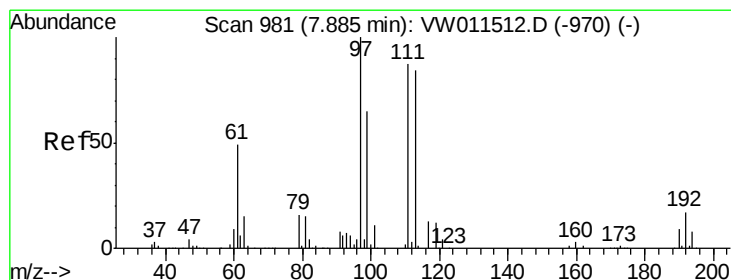
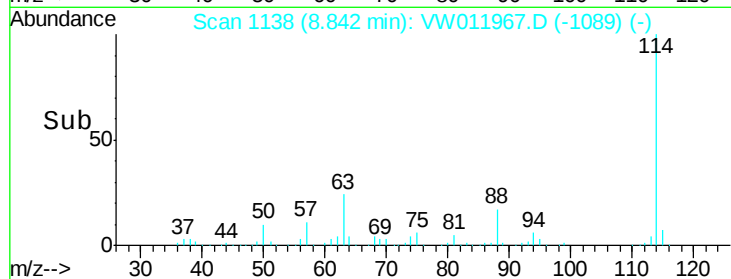
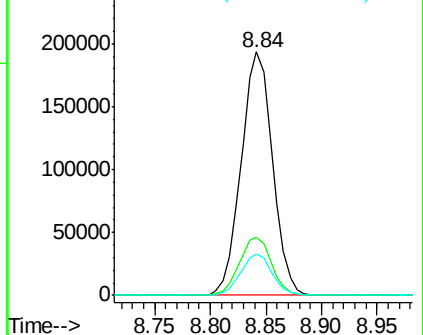
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011967.D
 Acq: 16 Aug 2019 16:09

Instrument :
 MSVOA_W
 ClientSampled :
 PX-4

Tot Ion:114 Resp: 379344
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 17.0 0.0 33.8

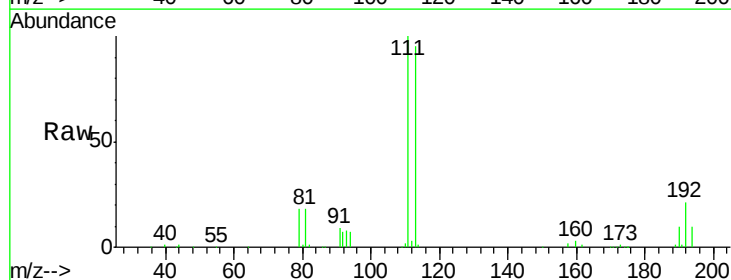


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

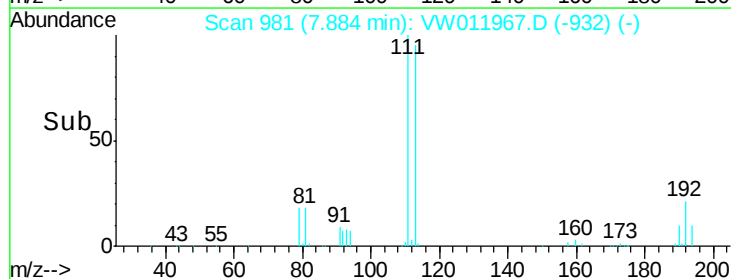
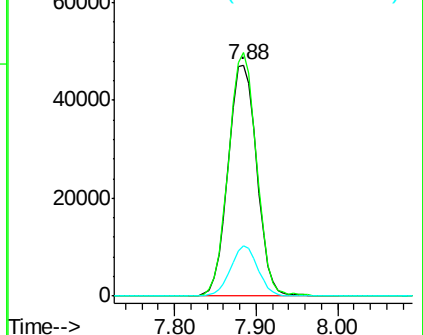


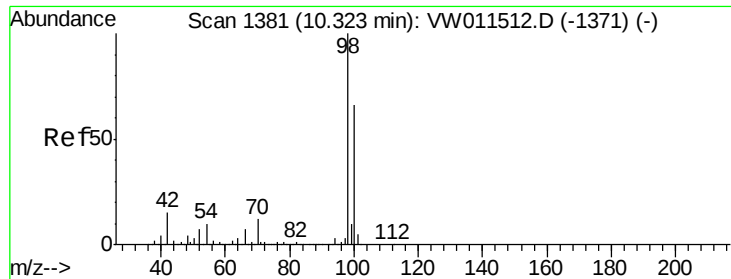
#35
 Dibromofluoromethane
 Concen: 53.685 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011967.D
 Acq: 16 Aug 2019 16:09

Tgt Ion:113 Resp: 114251
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.7 124.1
 192 20.7 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: 53.752 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011967.D

Acq: 16 Aug 2019 16:09

Instrument :

MSVOA_W

ClientSampleId :

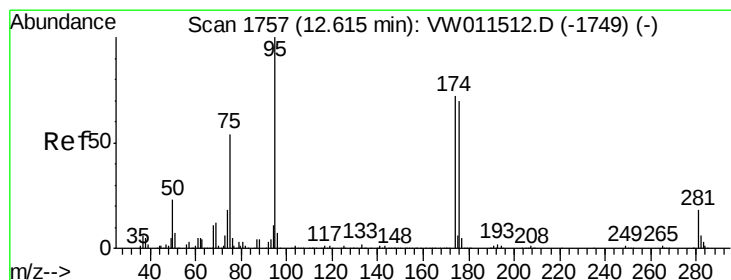
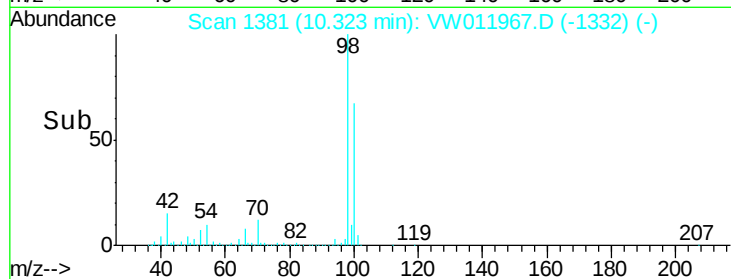
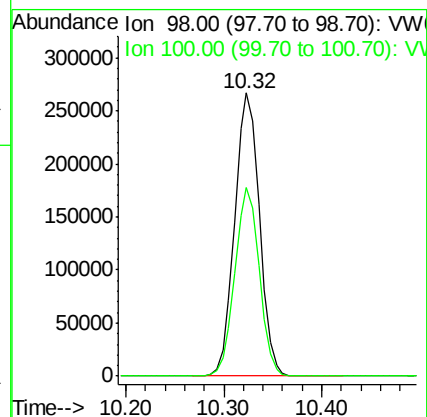
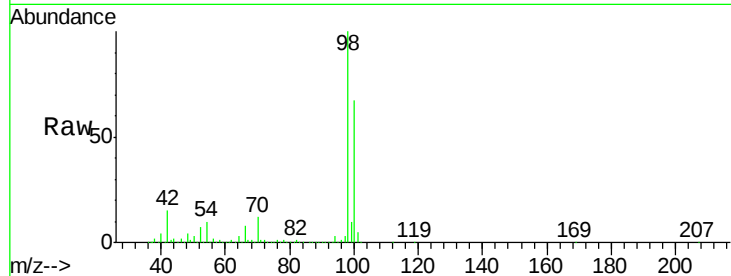
PX-4

Tot Ion: 98 Resp: 468361

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 49.510 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011967.D

Acq: 16 Aug 2019 16:09

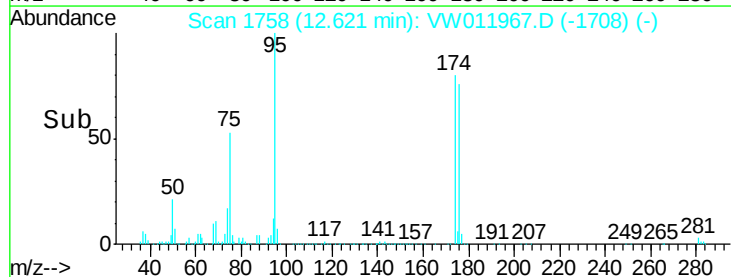
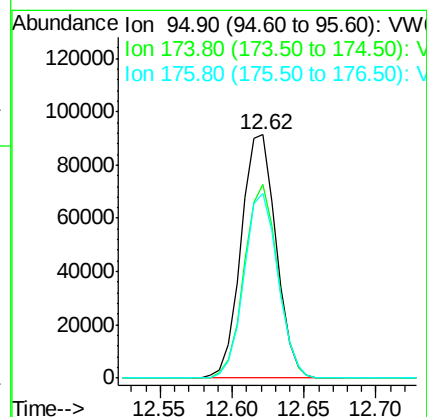
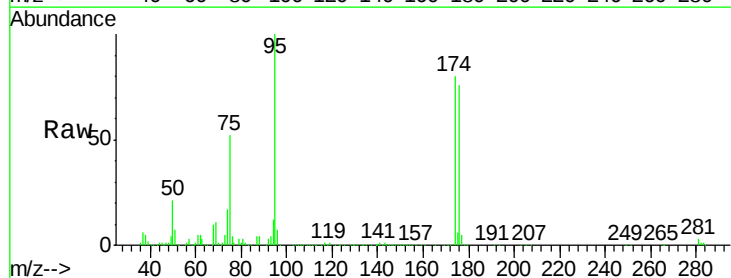
Tgt Ion: 95 Resp: 153802

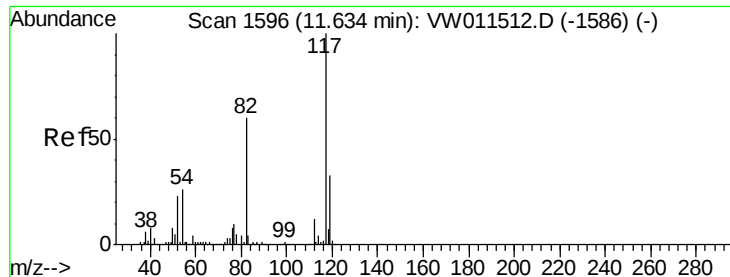
Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.2

176 73.5 0.0 144.4

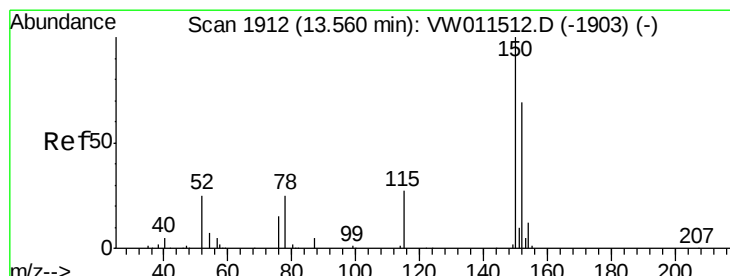
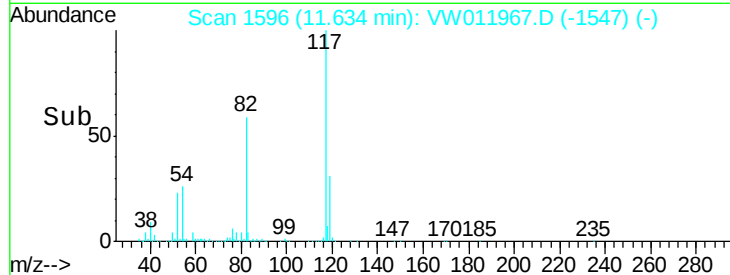
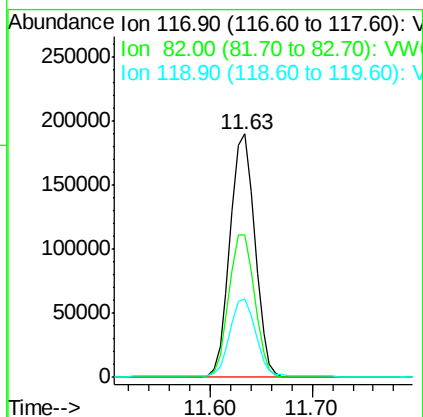
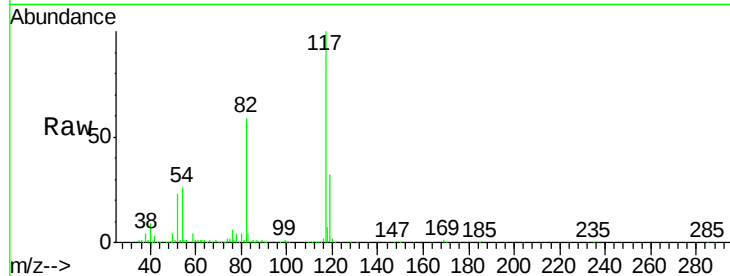




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011967.D
Acq: 16 Aug 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :
PX-4

Tot Ion:117 Resp: 321408
Ion Ratio Lower Upper
117 100
82 58.6 47.9 71.9
119 31.7 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: VW011967.D
Acq: 16 Aug 2019 16:09

Tgt Ion:152 Resp: 137818
Ion Ratio Lower Upper
152 100
115 60.7 30.5 91.5
150 156.8 0.0 352.6

