

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081719\
 Data File : VW011966.D
 Acq On : 16 Aug 2019 15:43
 Operator : SY/VA
 Sample : K4366-03
 Misc : 5.30G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-3

Quant Time: Aug 17 05:30:50 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	216112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127648	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136093	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	7.88	113	109090	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
50) Toluene-d8	10.32	98	442062	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.62	95	147013	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	

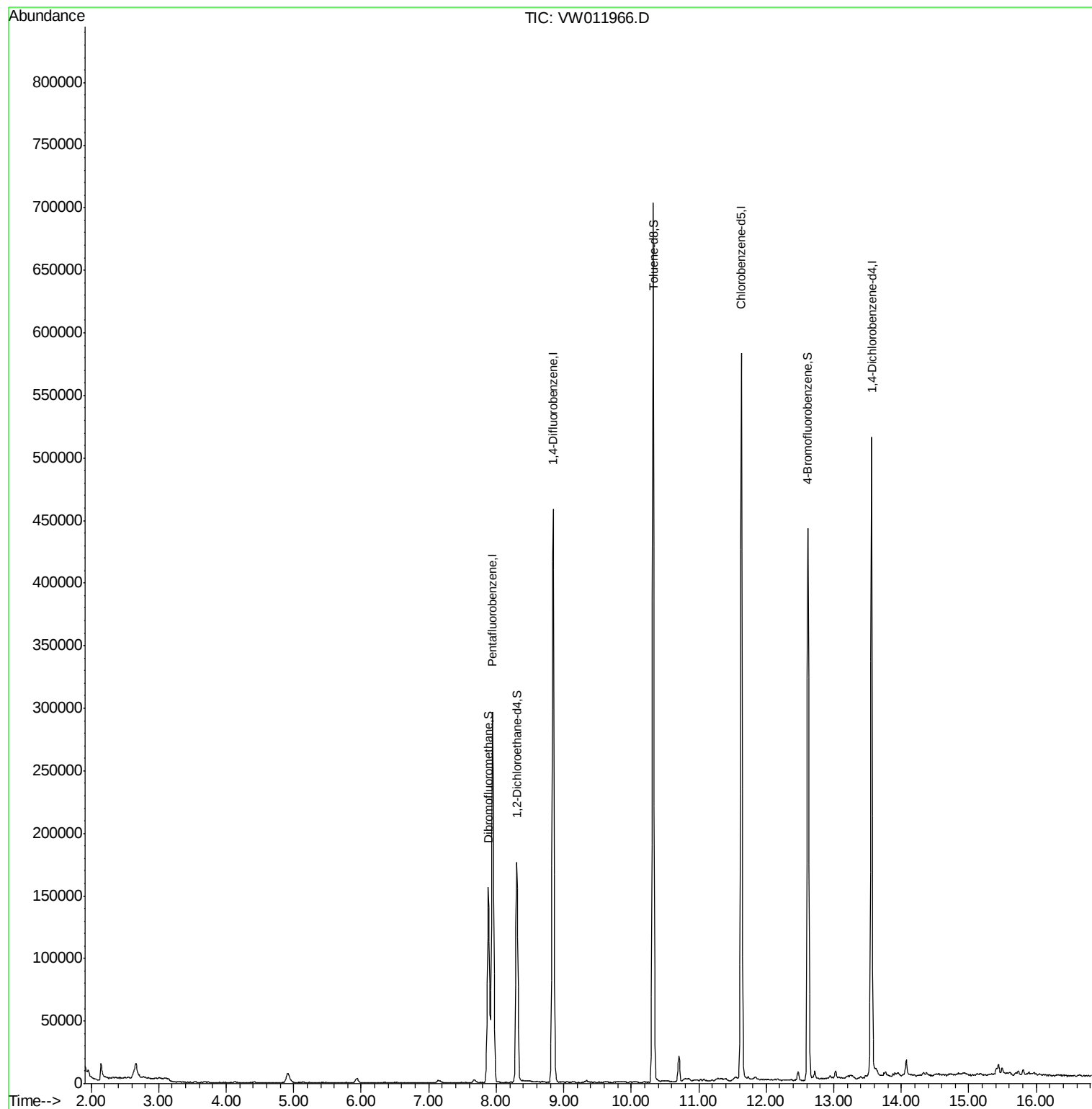
Target Compounds	Qvalue
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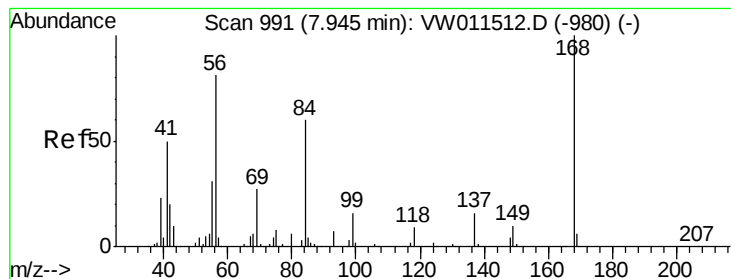
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081719\
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Quant Title : SW846 8260
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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: VW011966.D

Acq: 16 Aug 2019 15:43

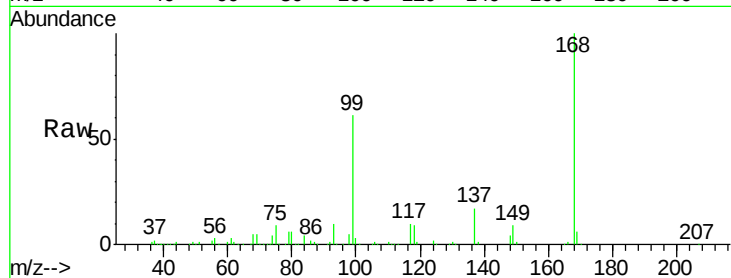
Instrument :
MSVOA_W
ClientSampled :
PX-3

Tot Ion:168 Resp: 216112

Ion Ratio Lower Upper

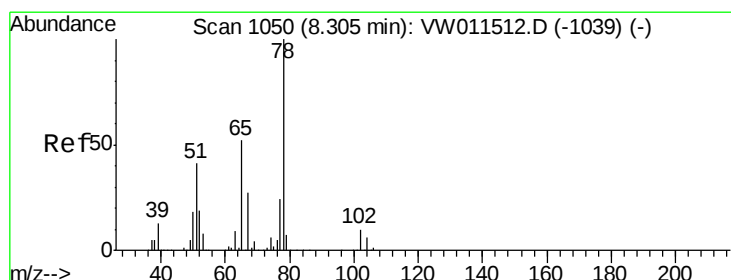
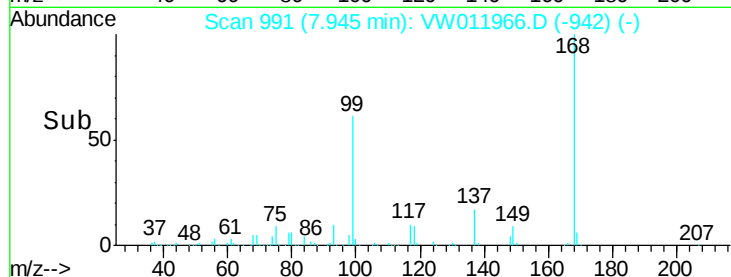
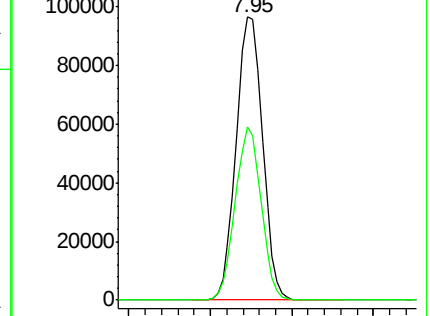
168 100

99 61.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 54.842 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011966.D

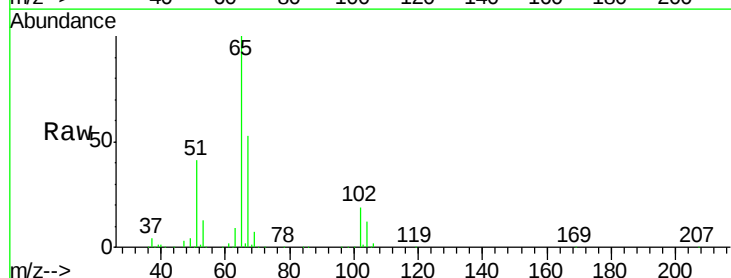
Acq: 16 Aug 2019 15:43

Tgt Ion: 65 Resp: 136093

Ion Ratio Lower Upper

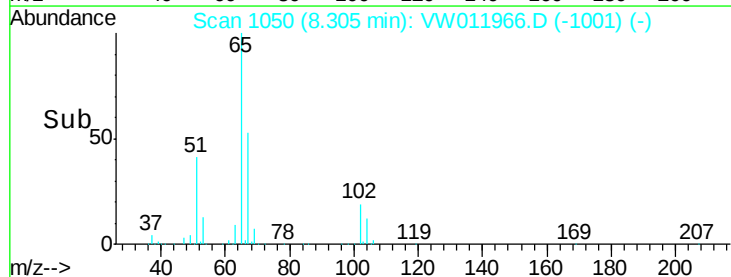
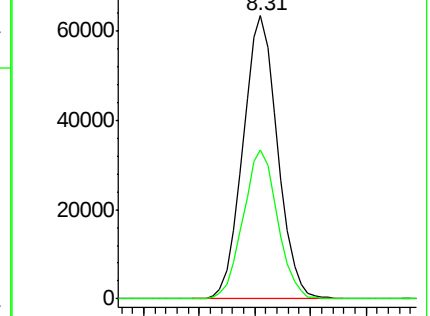
65 100

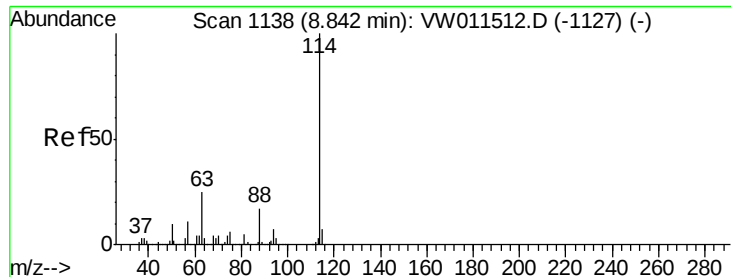
67 52.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011966.D

Acq: 16 Aug 2019 15:43

Instrument :

MSVOA_W

ClientSampleId :

PX-3

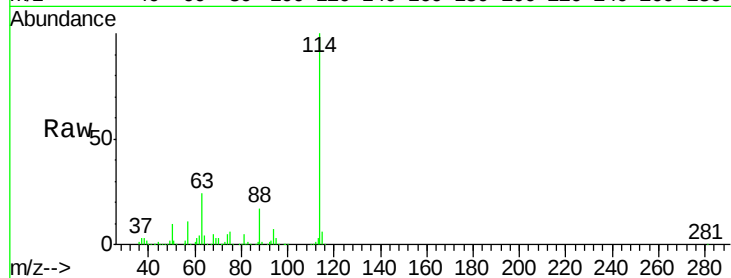
Tot Ion:114 Resp: 357775

Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

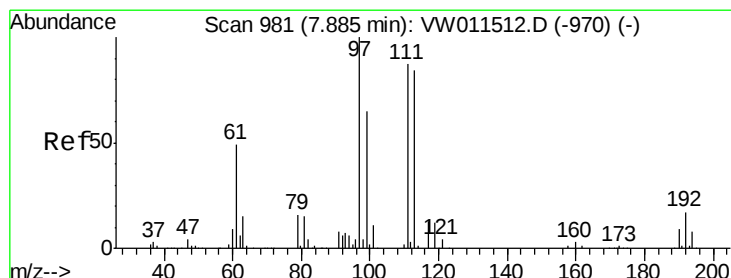
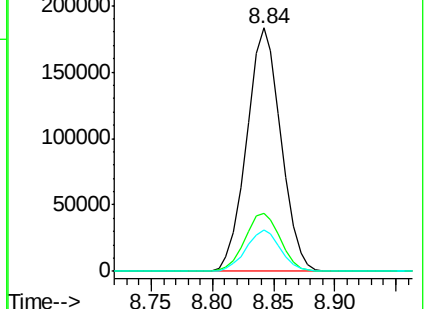
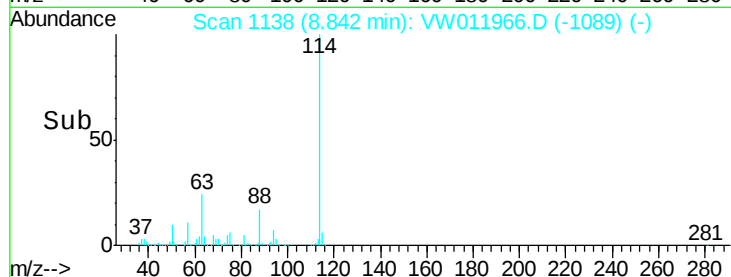
88 16.9 0.0 33.8



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: 54.350 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011966.D

Acq: 16 Aug 2019 15:43

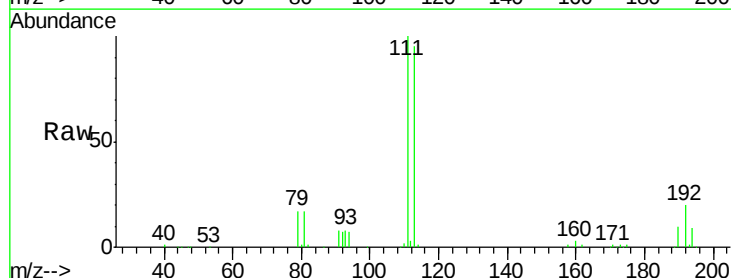
Tgt Ion:113 Resp: 109090

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

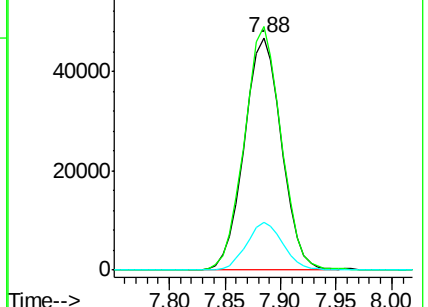
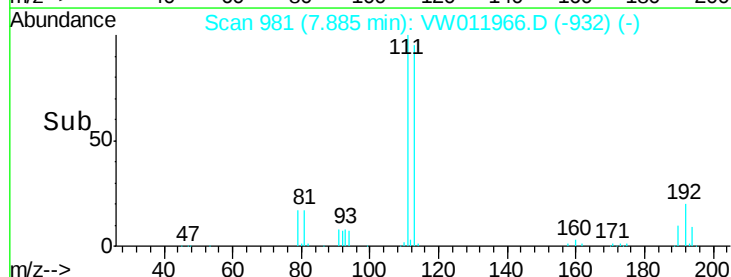
192 20.2 16.1 24.1

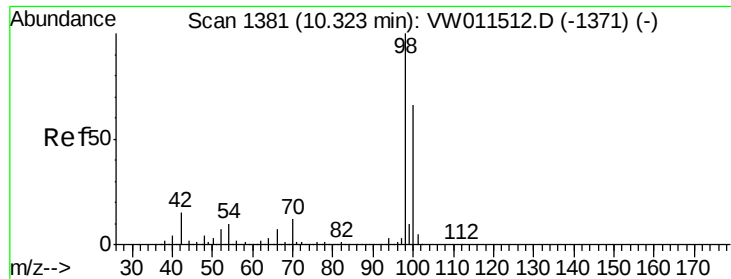


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.792 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011966.D

Acq: 16 Aug 2019 15:43

Instrument :

MSVOA_W

ClientSampleId :

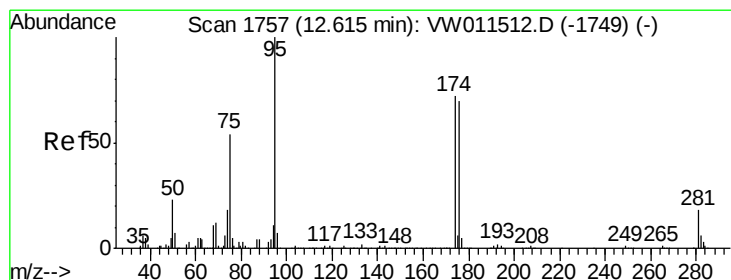
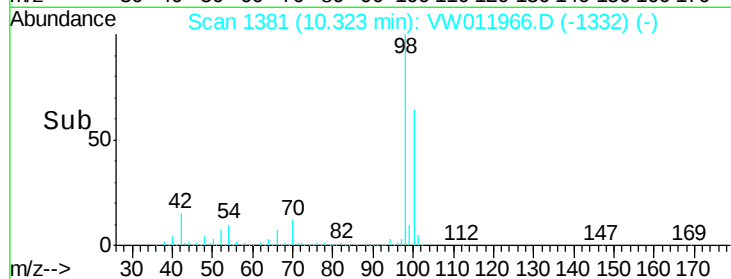
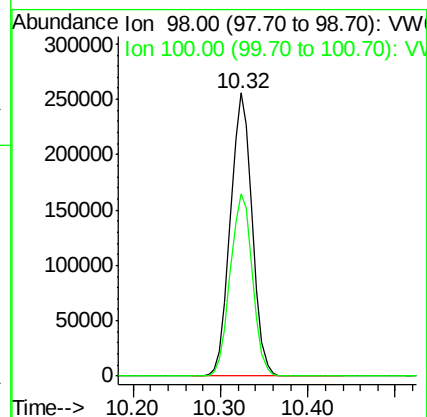
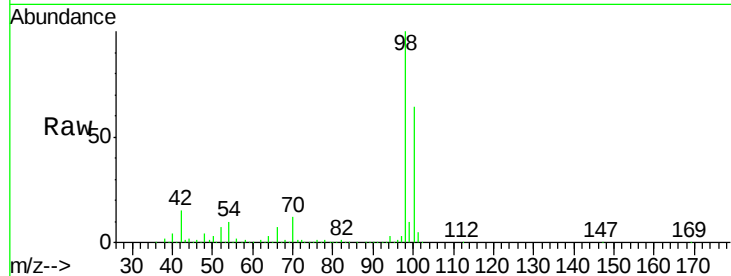
PX-3

Tot Ion: 98 Resp: 442062

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 50.177 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011966.D

Acq: 16 Aug 2019 15:43

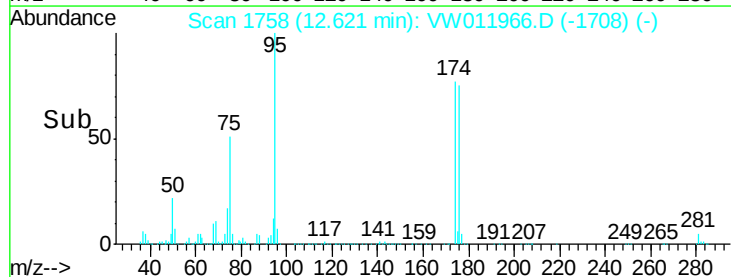
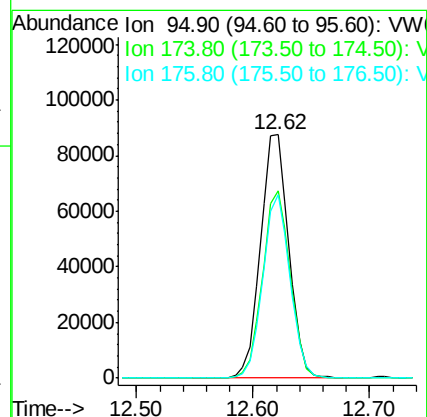
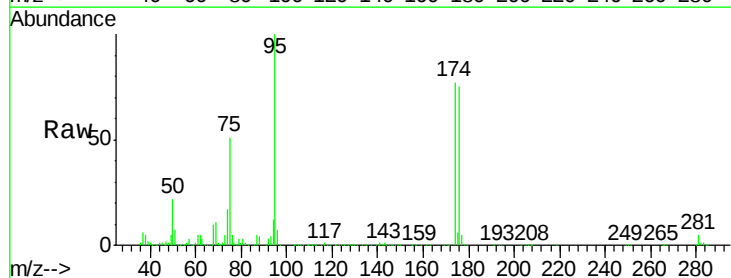
Tgt Ion: 95 Resp: 147013

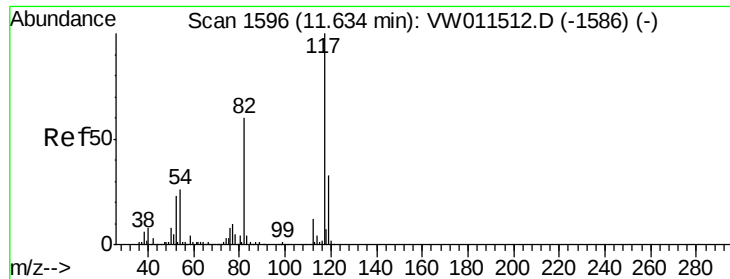
Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.2

176 72.5 0.0 144.4

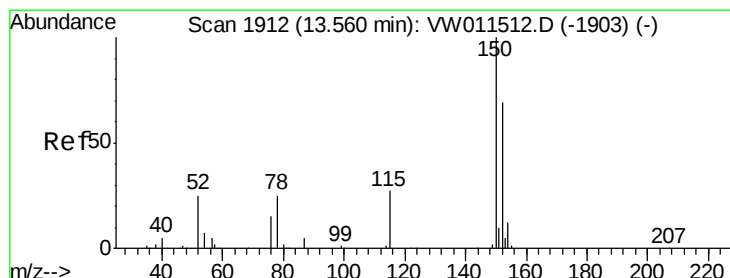
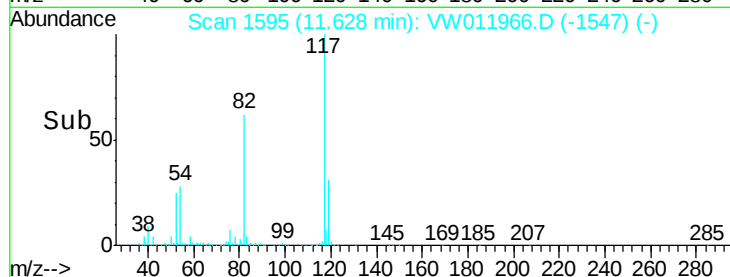
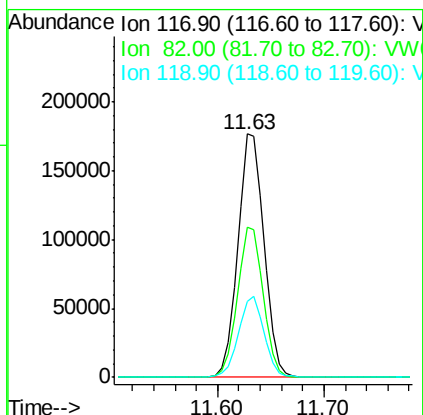
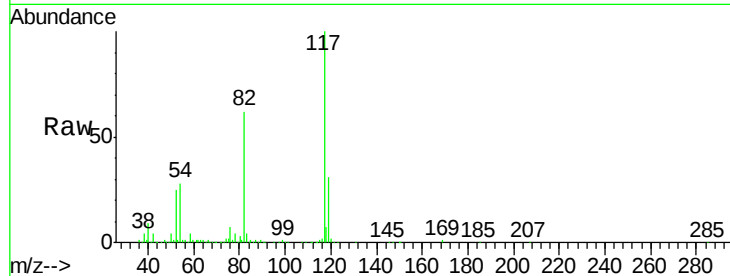




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011966.D
Acq: 16 Aug 2019 15:43

Instrument :
MSVOA_W
ClientSampled :
PX-3

Tot Ion:117 Resp: 304286
Ion Ratio Lower Upper
117 100
82 61.7 47.9 71.9
119 30.9 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: VW011966.D
Acq: 16 Aug 2019 15:43

Tgt Ion:152 Resp: 127648
Ion Ratio Lower Upper
152 100
115 59.8 30.5 91.5
150 156.0 0.0 352.6

