

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081719\
 Data File : VW011952.D
 Acq On : 16 Aug 2019 09:33
 Operator : SY/VA
 Sample : VW0817SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBL01

Quant Time: Aug 17 05:06:52 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	214982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128235	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135599	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
35) Dibromofluoromethane	7.88	113	109776	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
50) Toluene-d8	10.32	98	439072	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.62	95	143854	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

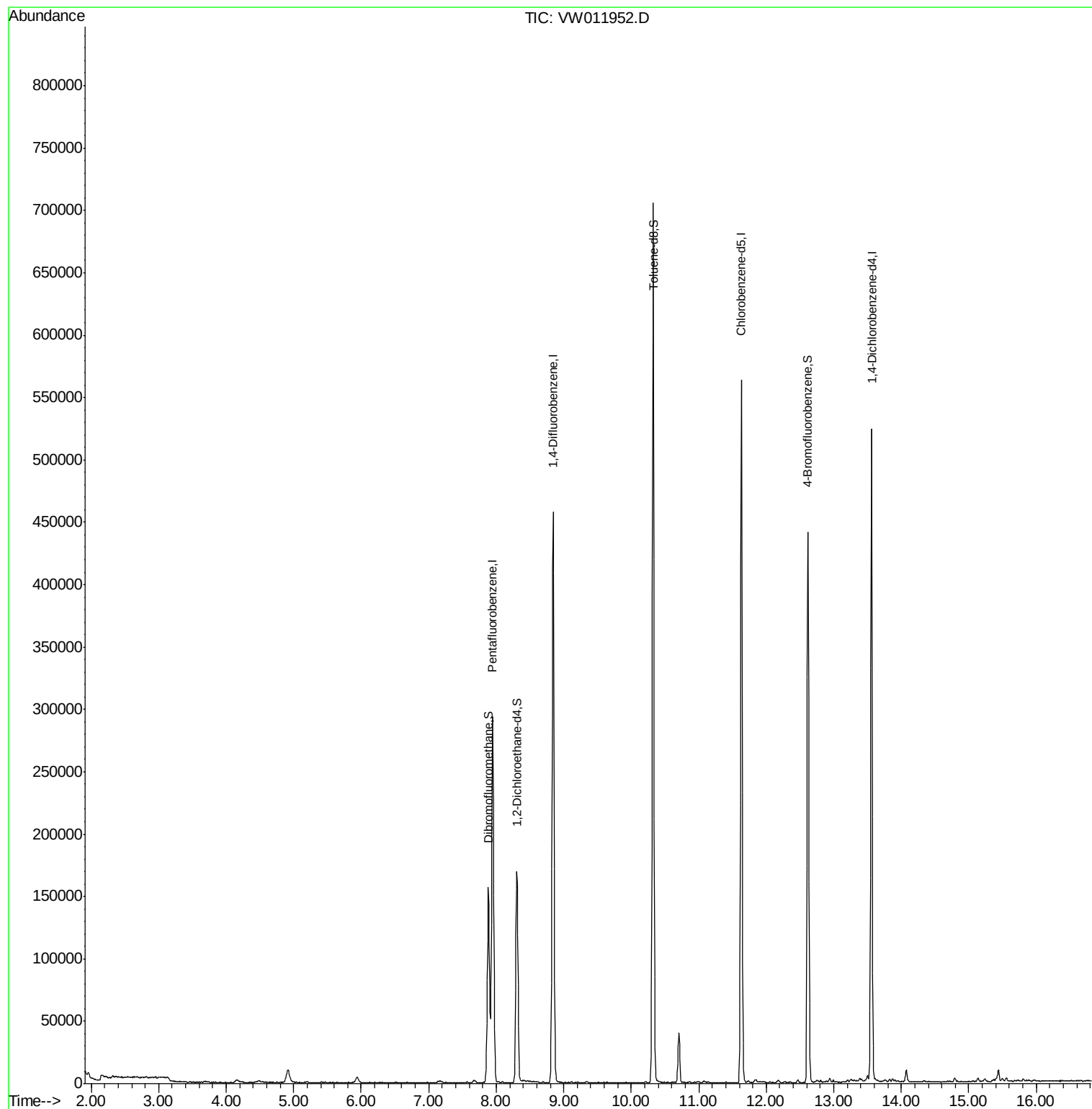
Target Compounds	Qvalue
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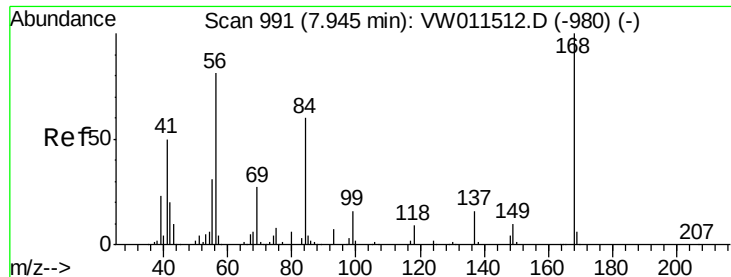
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011952.D

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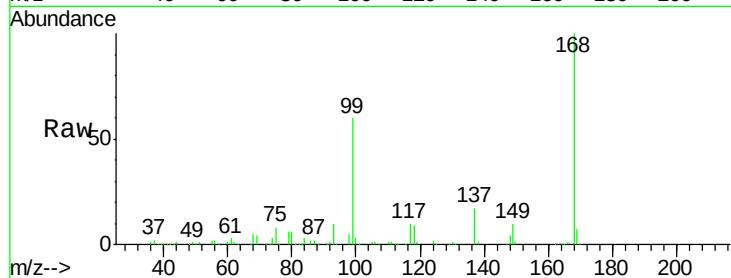
Instrument :
MSVOA_W
ClientSampleId :
VW0817SBL01

Tot Ion:168 Resp: 214982

Ion Ratio Lower Upper

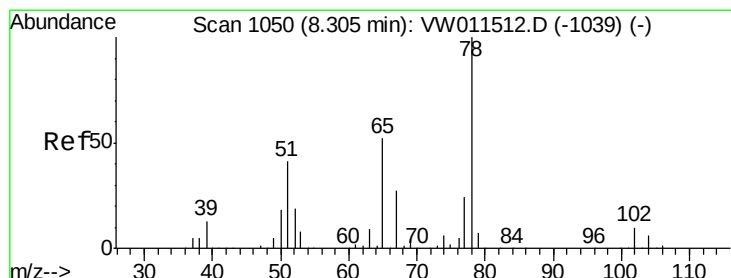
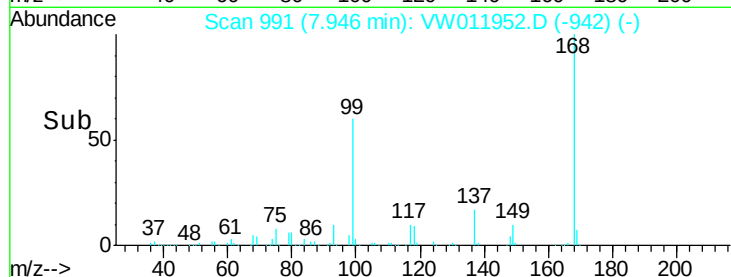
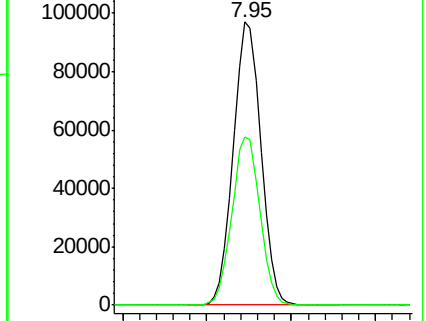
168 100

99 59.6 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: 54.930 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011952.D

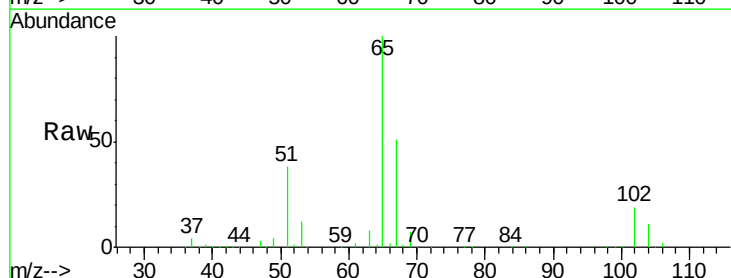
Acq: 16 Aug 2019 09:33

Tgt Ion: 65 Resp: 135599

Ion Ratio Lower Upper

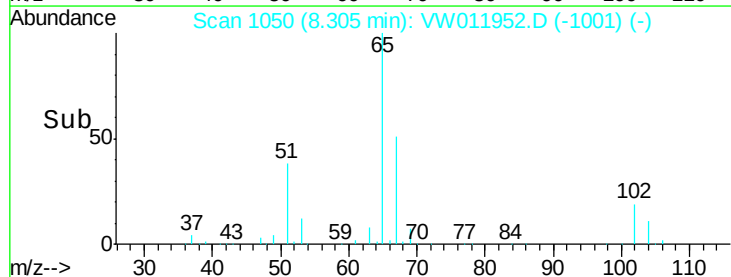
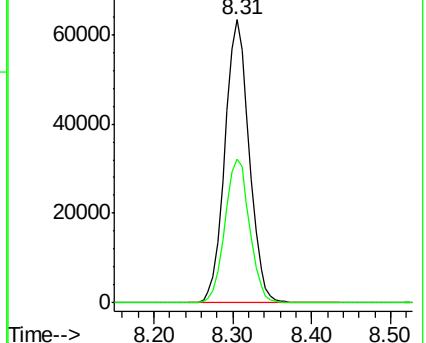
65 100

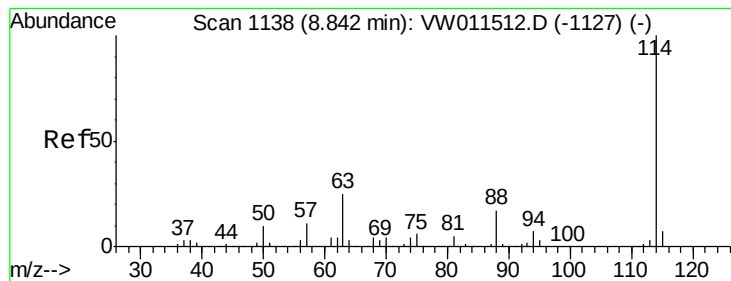
67 51.6 0.0 105.2



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: VW011952.D

Acq: 16 Aug 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBL01

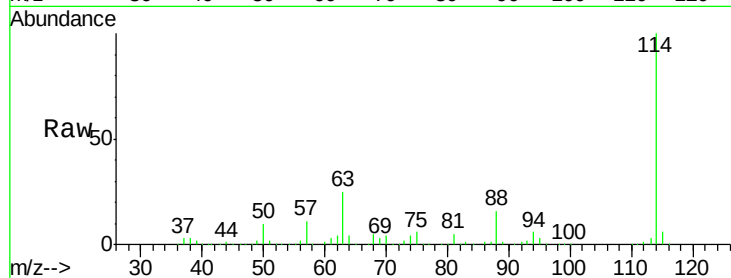
Tot Ion:114 Resp: 359544

Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

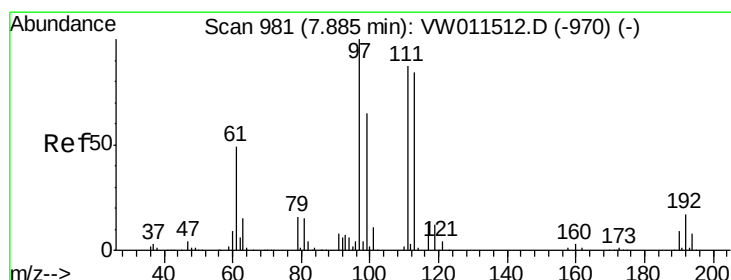
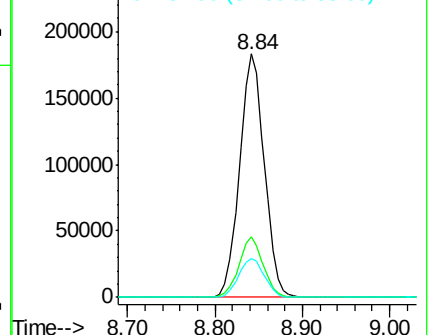
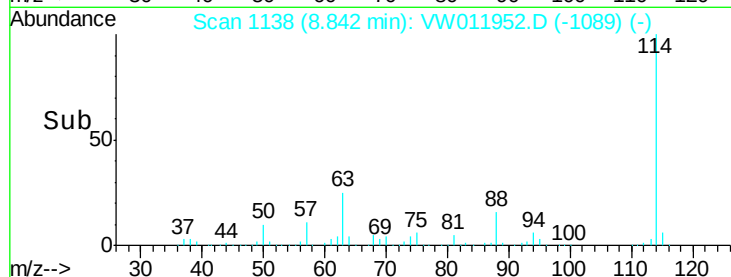
88 16.1 0.0 33.8



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: 54.423 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011952.D

Acq: 16 Aug 2019 09:33

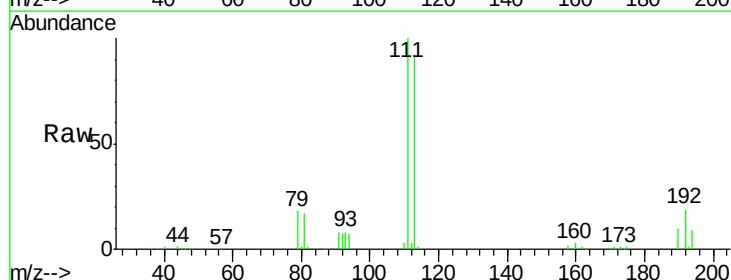
Tgt Ion:113 Resp: 109776

Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

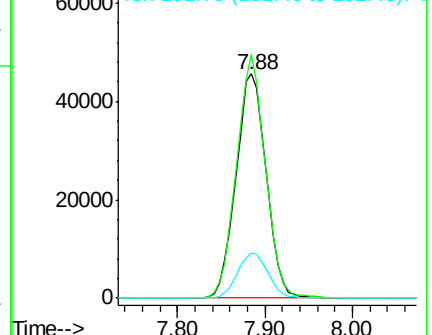
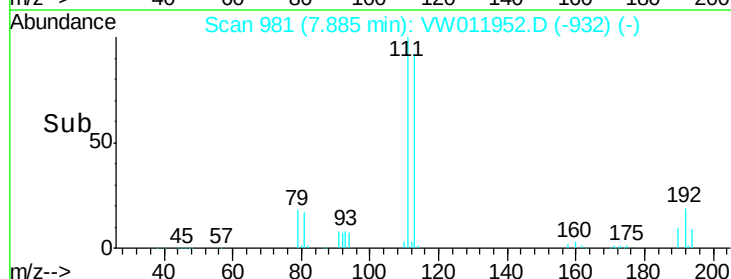
192 20.3 16.1 24.1

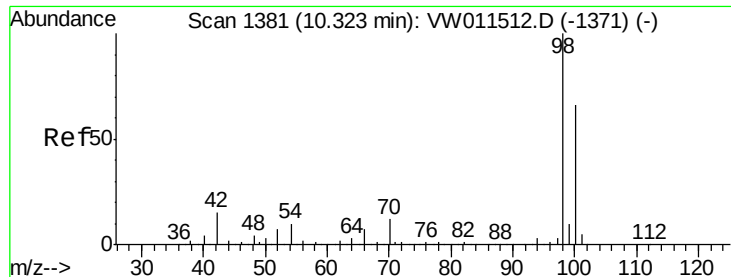


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.165 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011952.D

Acq: 16 Aug 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

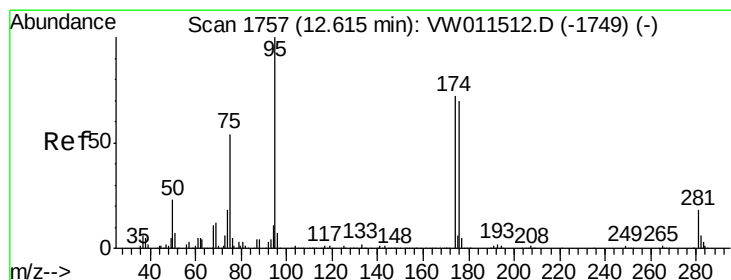
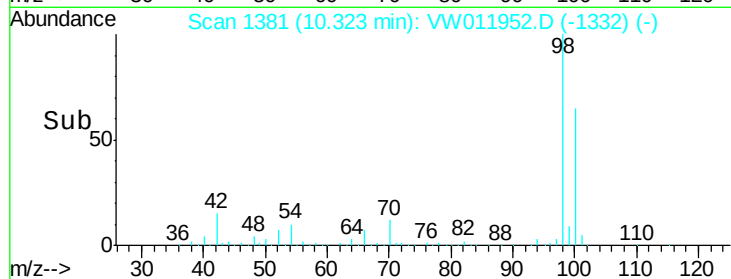
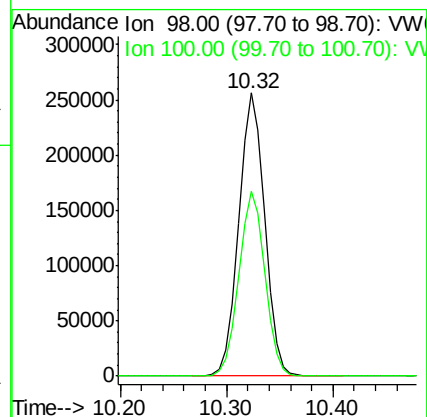
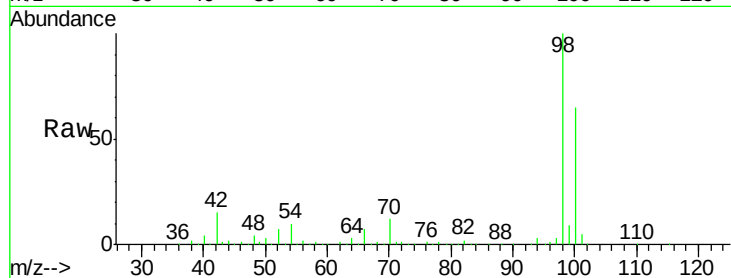
VW0817SBL01

Tot Ion: 98 Resp: 439072

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.857 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011952.D

Acq: 16 Aug 2019 09:33

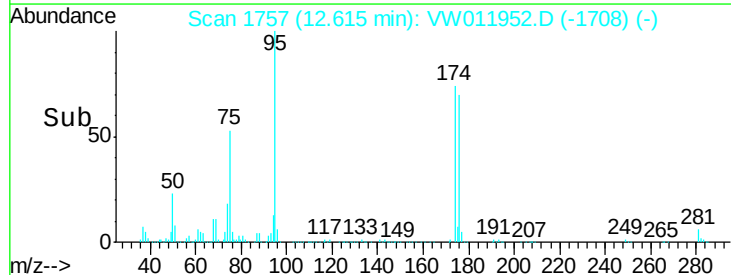
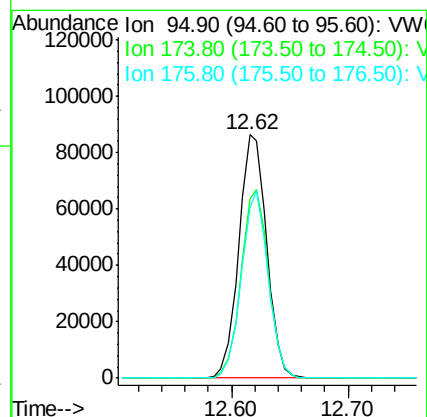
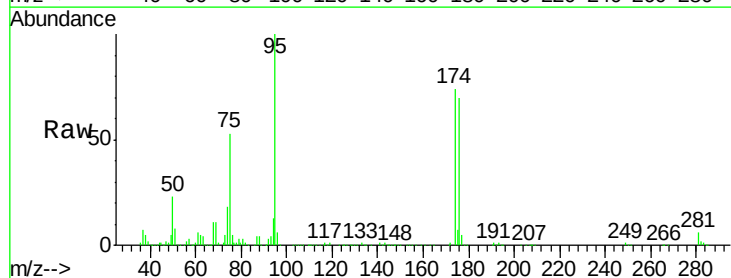
Tgt Ion: 95 Resp: 143854

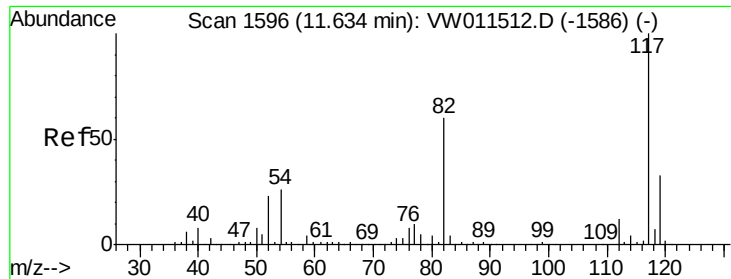
Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.2

176 73.9 0.0 144.4

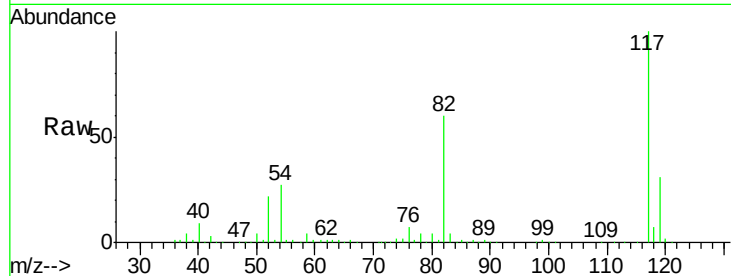




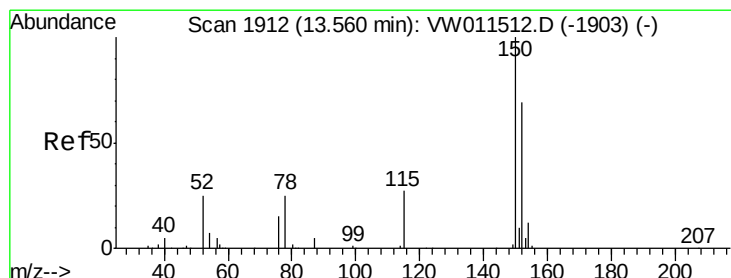
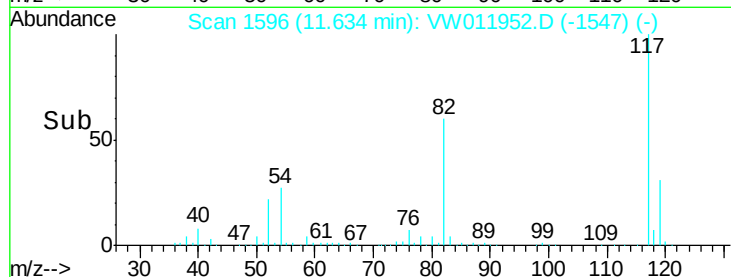
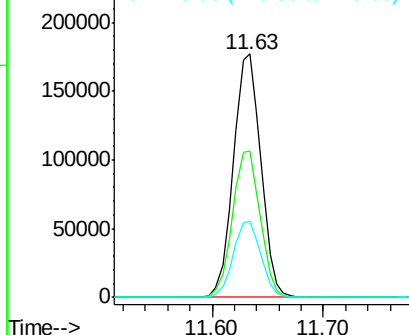
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011952.D
Acq: 16 Aug 2019 09:33

Instrument :
MSVOA_W
ClientSampleId :
VW0817SBL01

Tot Ion:117 Resp: 301706
Ion Ratio Lower Upper
117 100
82 60.2 47.9 71.9
119 31.4 26.2 39.2

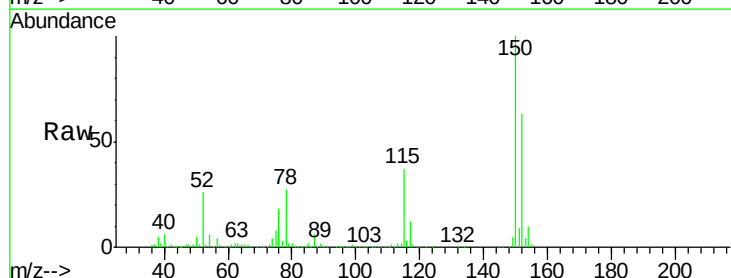


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011952.D
Acq: 16 Aug 2019 09:33

Tgt Ion:152 Resp: 128235
Ion Ratio Lower Upper
152 100
115 60.3 30.5 91.5
150 158.1 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

