

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008244.D
 Acq On : 14 Jan 2019 13:58
 Operator : SY/VA
 Sample : K1131-03
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 QD-01-011019

Quant Time: Jan 14 21:34:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	154168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	143015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67707	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	53947	56.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.32%	
35) Dibromofluoromethane	7.88	113	49472	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
50) Toluene-d8	10.32	98	196960	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.62	95	66158	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

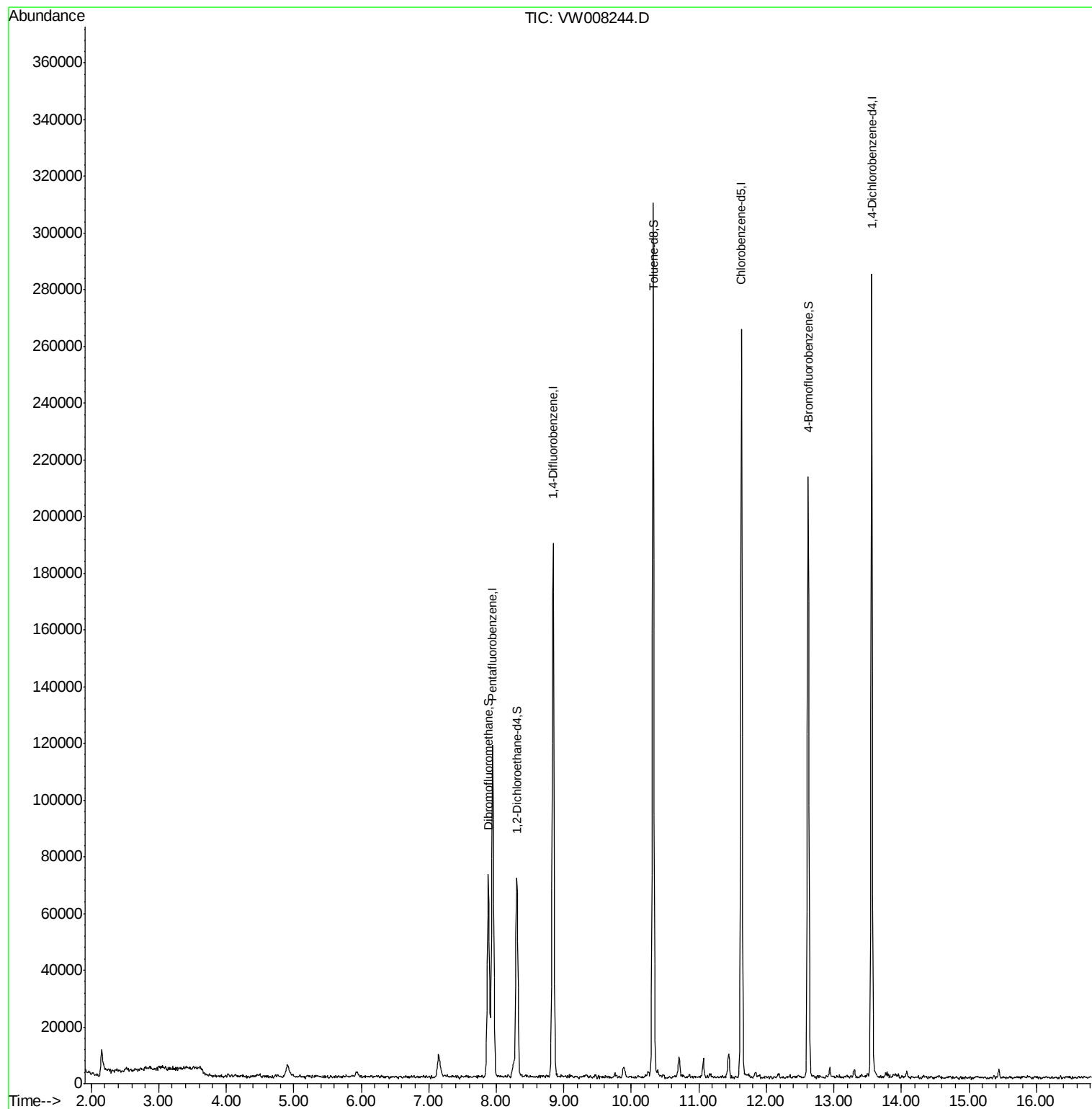
Target Compounds	Qvalue
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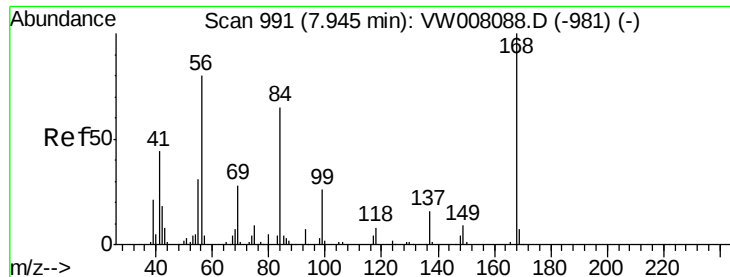
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008244.D

Acq: 14 Jan 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

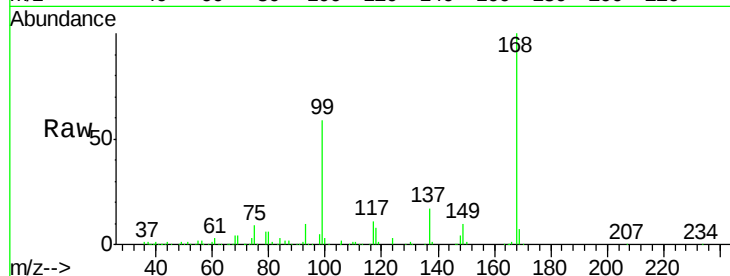
QD-01-011019

Tot Ion:168 Resp: 84722

Ion Ratio Lower Upper

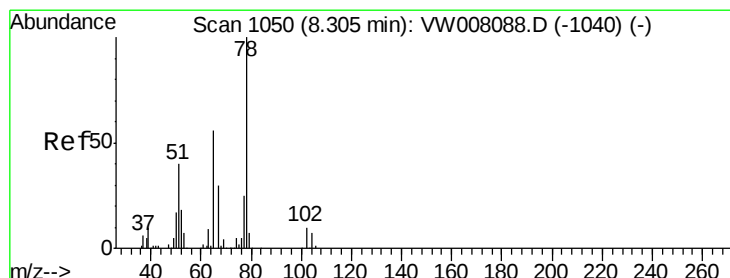
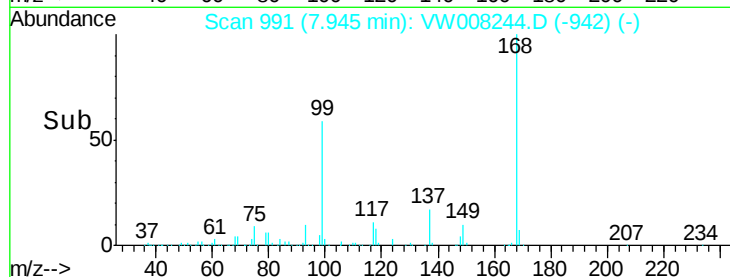
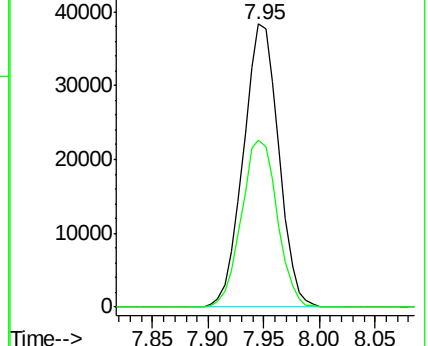
168 100

99 59.1 52.6 78.8



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: 56.655 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008244.D

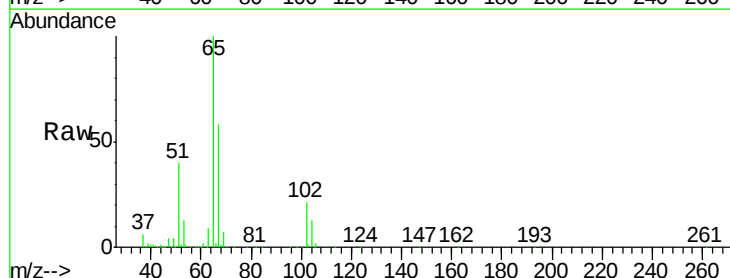
Acq: 14 Jan 2019 13:58

Tgt Ion: 65 Resp: 53947

Ion Ratio Lower Upper

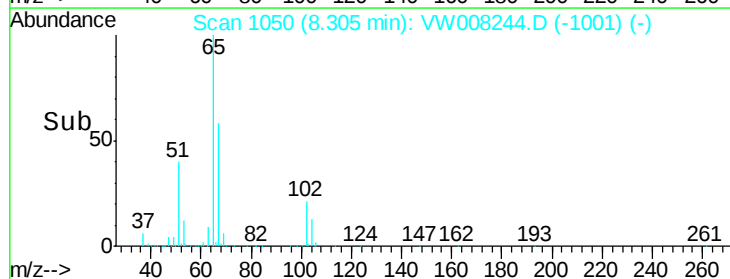
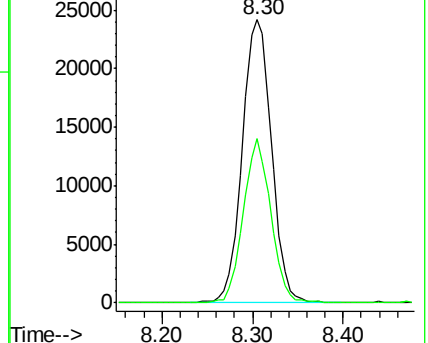
65 100

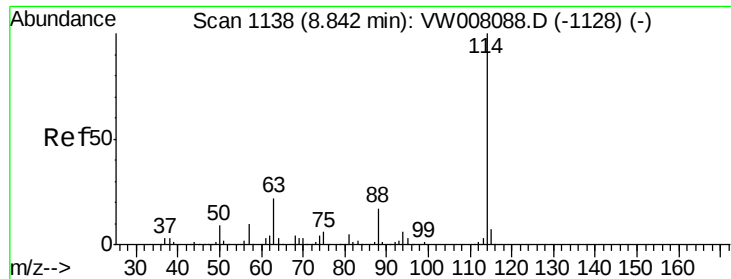
67 54.5 0.0 106.8



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: VW008244.D

Acq: 14 Jan 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

QD-01-011019

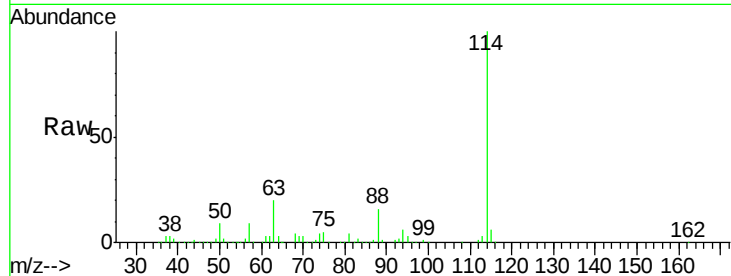
Tot Ion:114 Resp: 154168

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.4

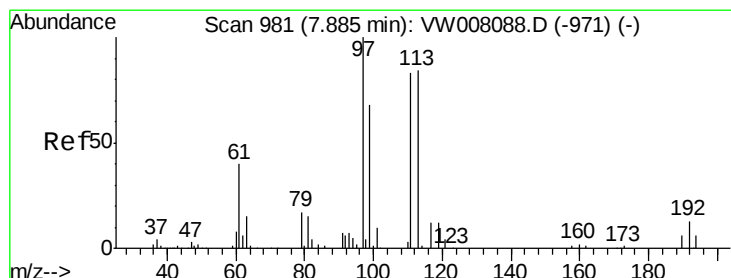
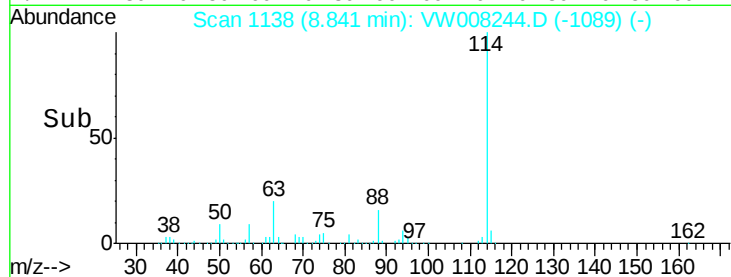
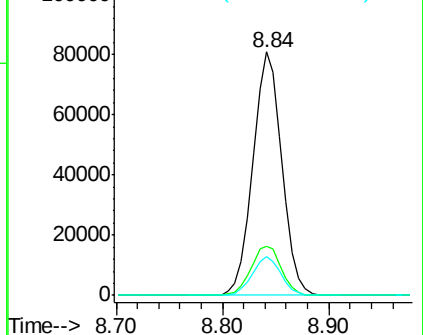
88 16.2 0.0 33.4



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: 55.020 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008244.D

Acq: 14 Jan 2019 13:58

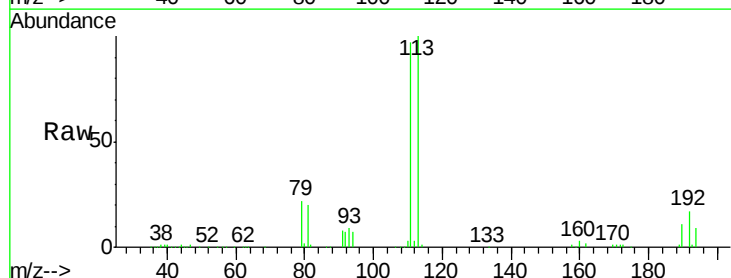
Tgt Ion:113 Resp: 49472

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

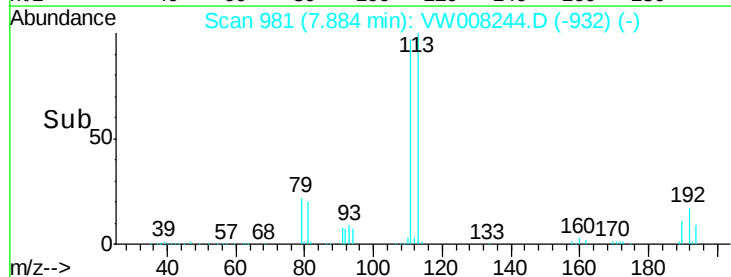
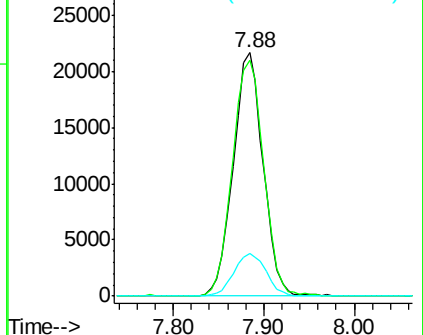
192 18.7 12.8 19.2

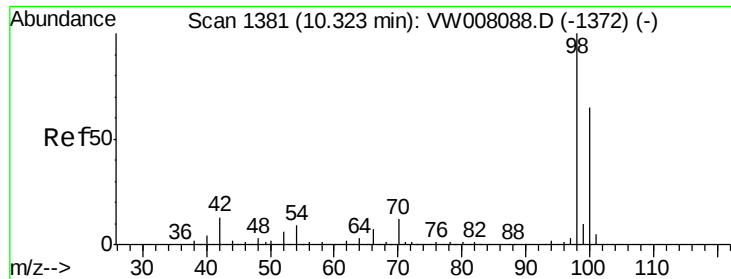


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

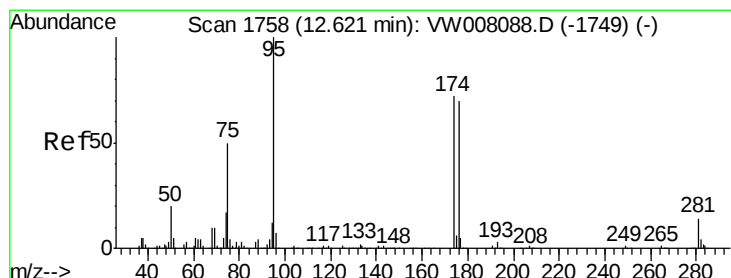
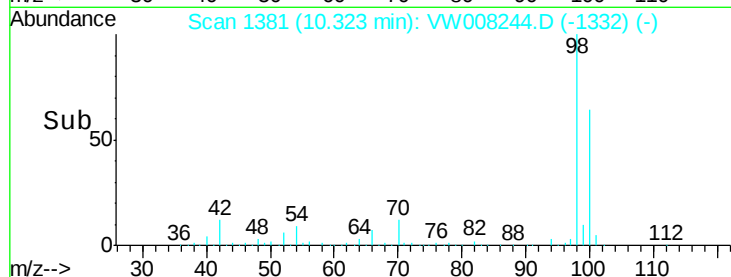
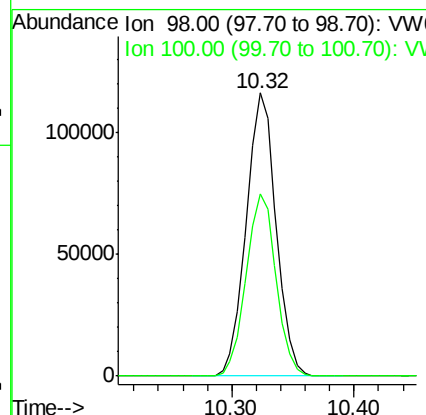
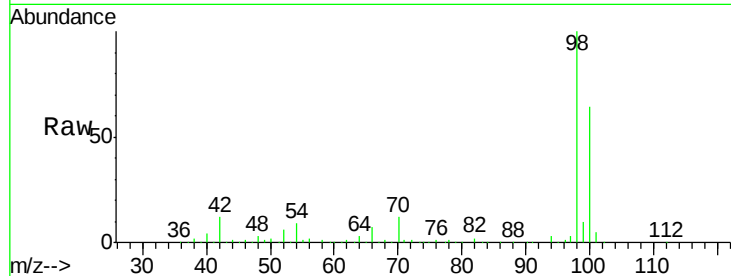




#50
Toluene-d8
Concen: 52.199 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

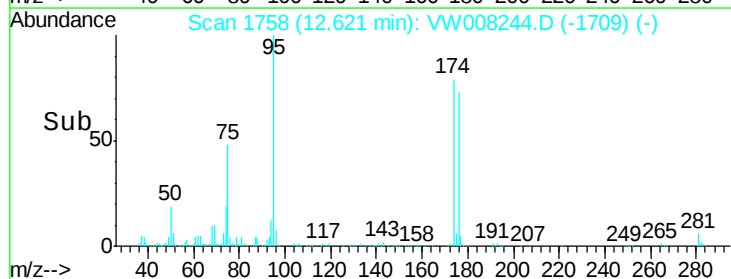
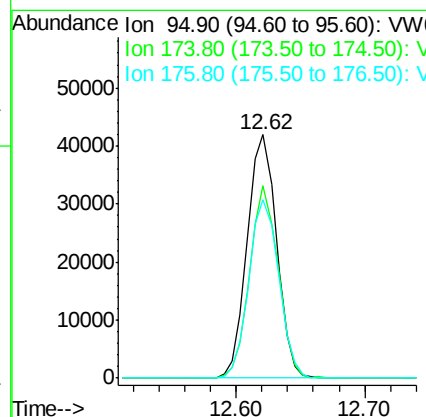
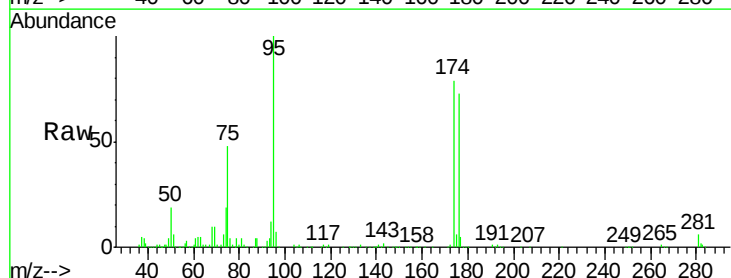
Instrument :
MSVOA_W
ClientSampleId :
QD-01-011019

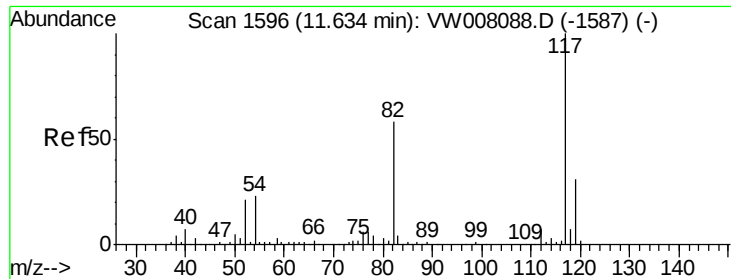
Tot Ion: 98 Resp: 196960
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.908 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion: 95 Resp: 66158
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.0
176 74.3 0.0 140.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008244.D

Acq: 14 Jan 2019 13:58

Instrument :

MSVOA_W

ClientSampleId :

QD-01-011019

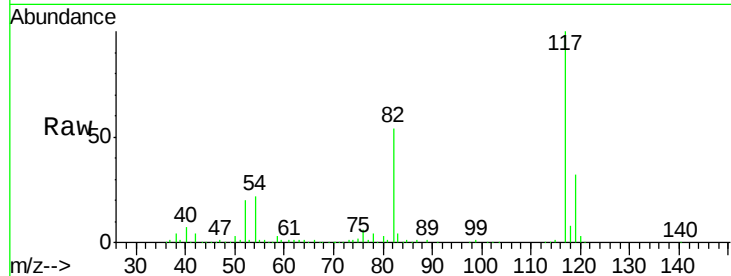
Tot Ion:117 Resp: 143015

Ion Ratio Lower Upper

117 100

82 53.6 46.4 69.6

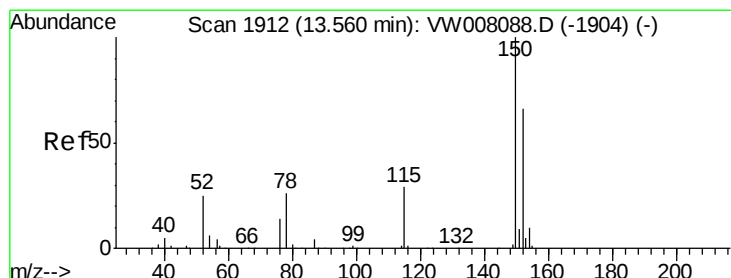
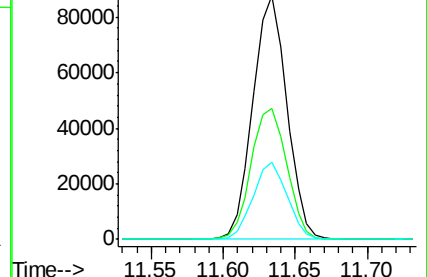
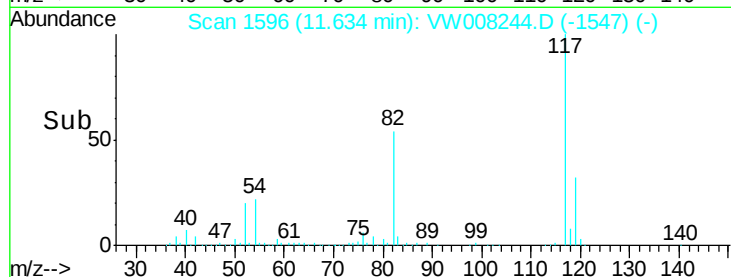
119 31.7 24.7 37.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW008244.D

Acq: 14 Jan 2019 13:58

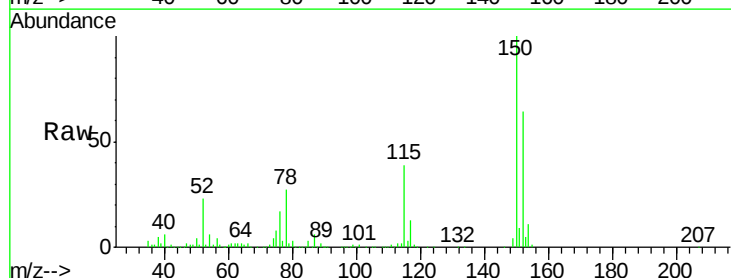
Tgt Ion:152 Resp: 67707

Ion Ratio Lower Upper

152 100

115 58.9 30.8 92.4

150 156.5 0.0 350.2



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

