

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011687.D
 Acq On : 04 Aug 2019 02:31
 Operator : SY/VA
 Sample : K4135-15
 Misc : 6.43G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-B4-(0-1)

Quant Time: Aug 05 01:20:17 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	178635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	232555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83569	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113016	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
35) Dibromofluoromethane	7.88	113	88515	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	10.32	98	323235	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	12.62	95	92487	38.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.10%	

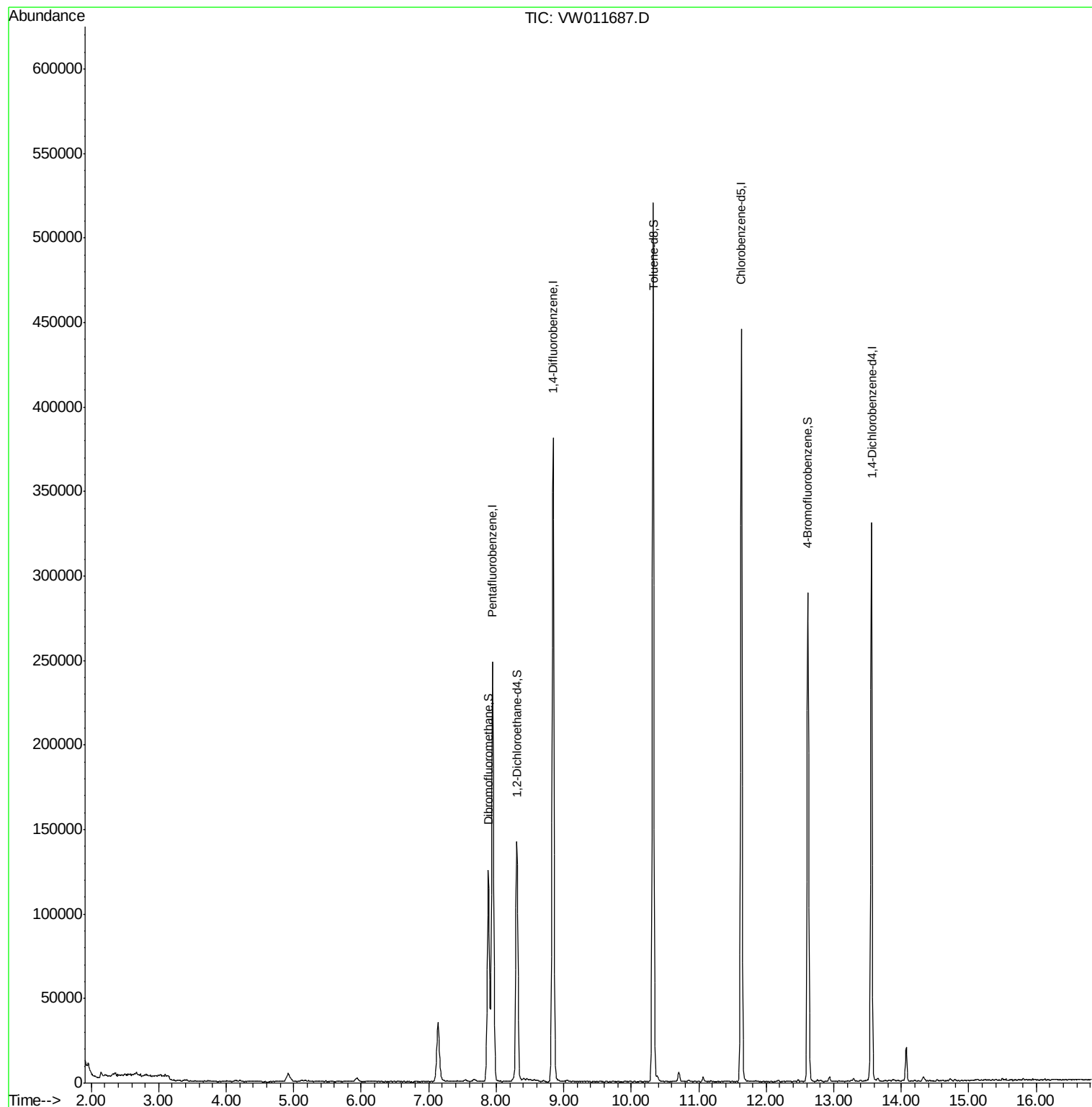
Target Compounds	Qvalue
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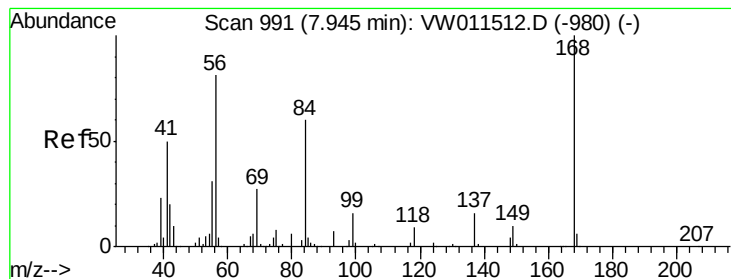
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

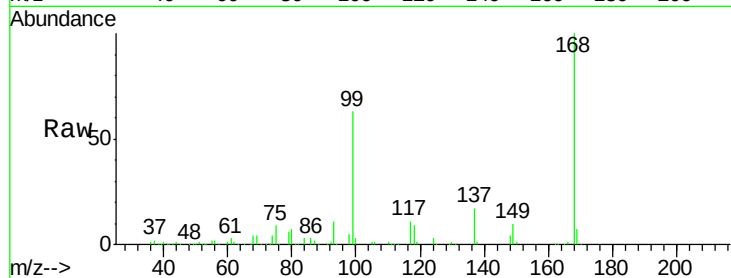
1S-B4-(0-1)

Tot Ion:168 Resp: 178635

Ion Ratio Lower Upper

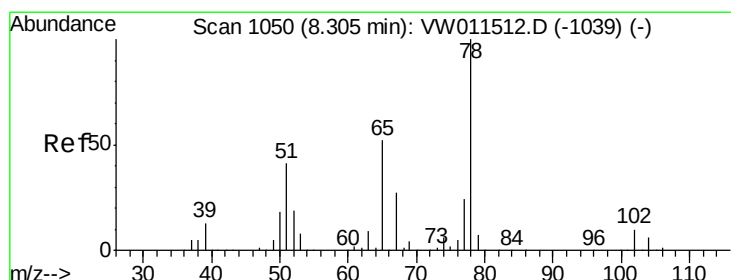
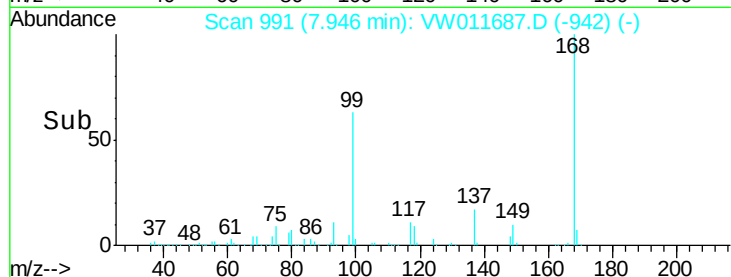
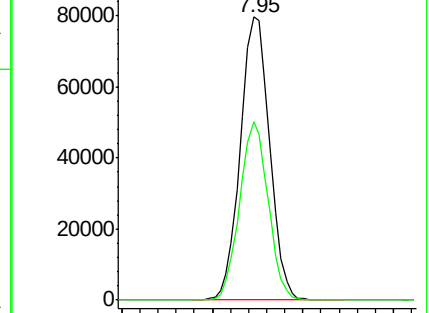
168 100

99 62.9 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: 55.097 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011687.D

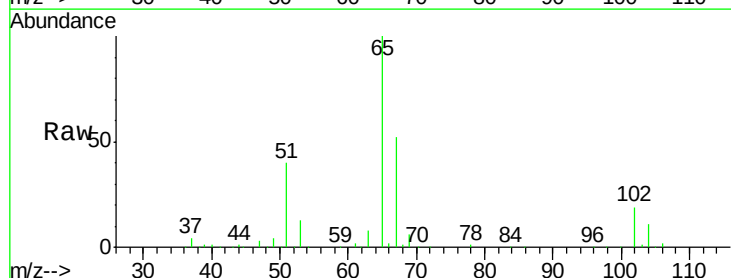
Acq: 04 Aug 2019 02:31

Tgt Ion: 65 Resp: 113016

Ion Ratio Lower Upper

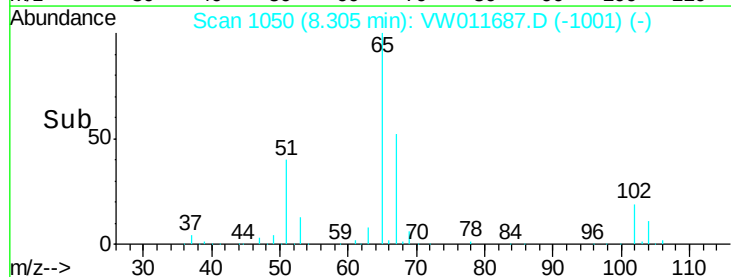
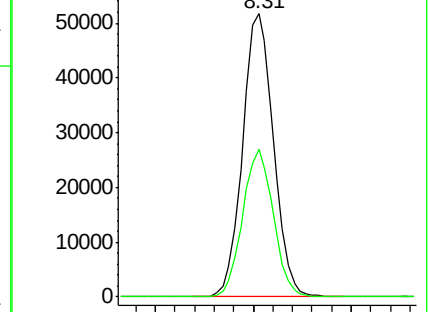
65 100

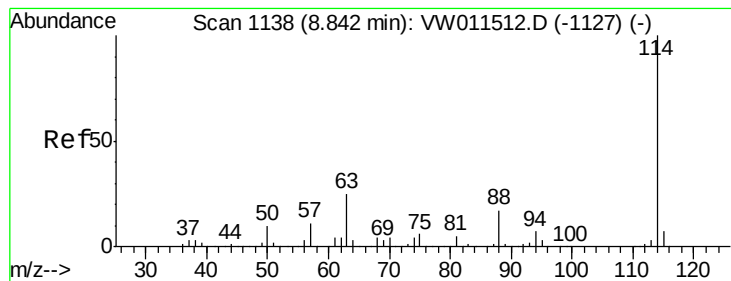
67 51.8 0.0 105.2



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: VW011687.D

Acq: 04 Aug 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

1S-B4-(0-1)

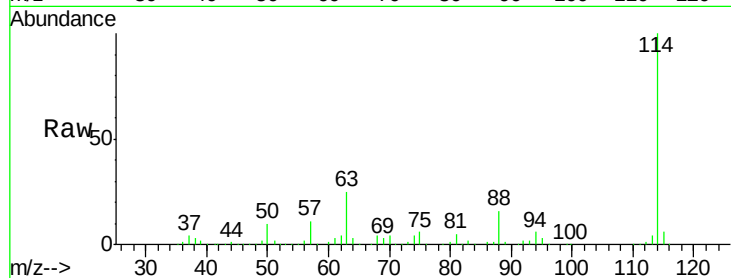
Tot Ion:114 Resp: 296850

Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

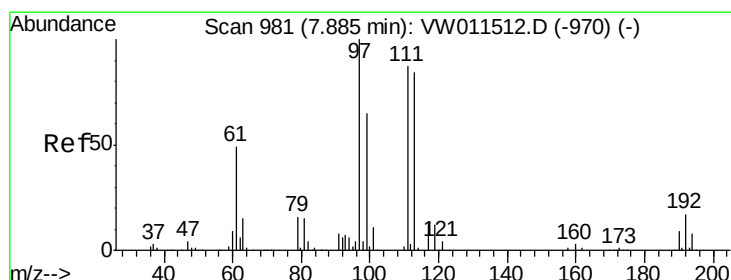
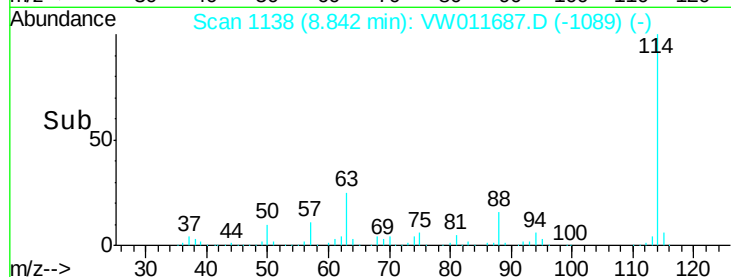
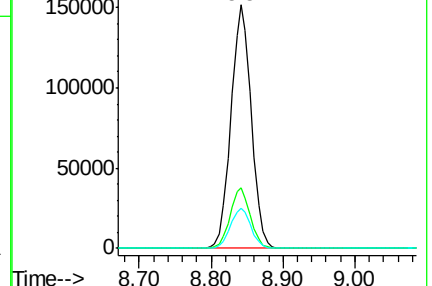
88 16.3 0.0 33.8



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: 53.150 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011687.D

Acq: 04 Aug 2019 02:31

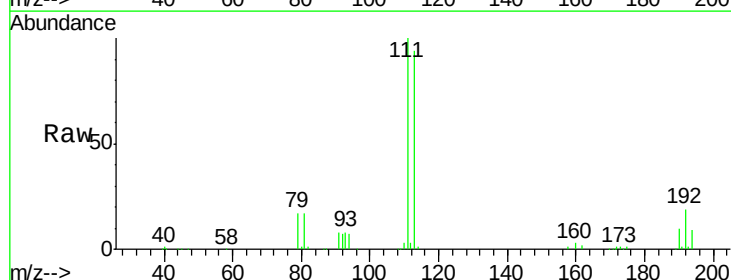
Tgt Ion:113 Resp: 88515

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

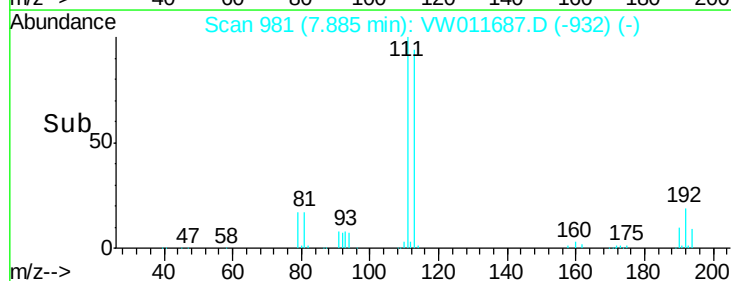
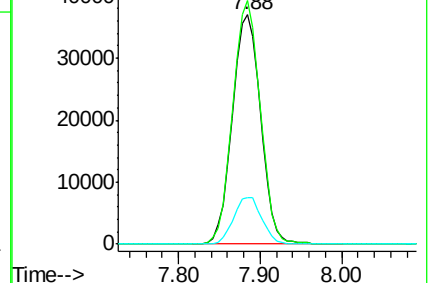
192 20.4 16.1 24.1

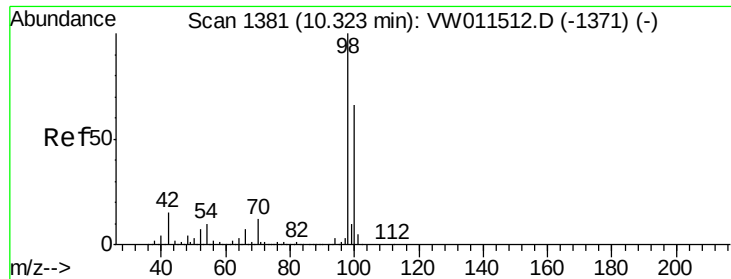


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

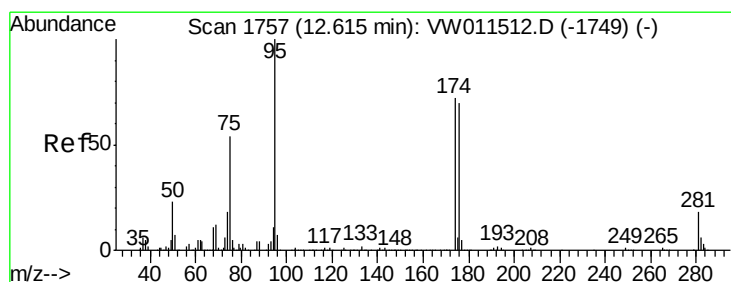
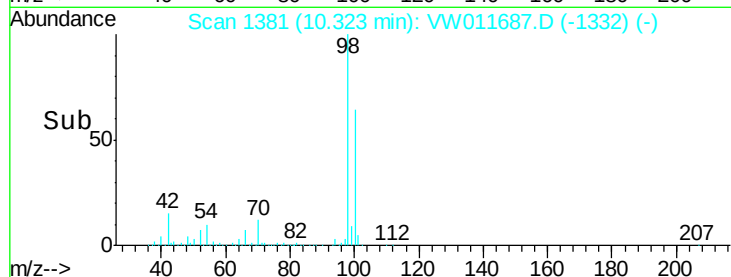
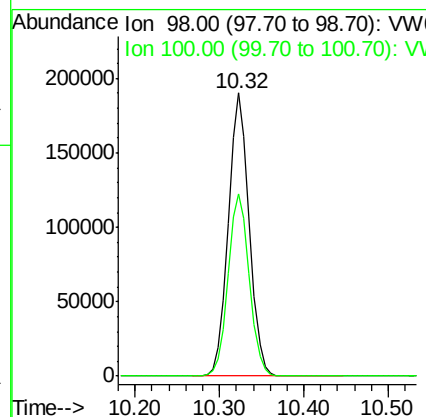
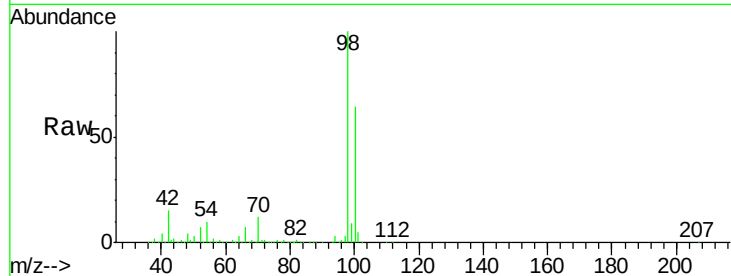




#50
Toluene-d8
Concen: 47.405 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011687.D
Acq: 04 Aug 2019 02:31

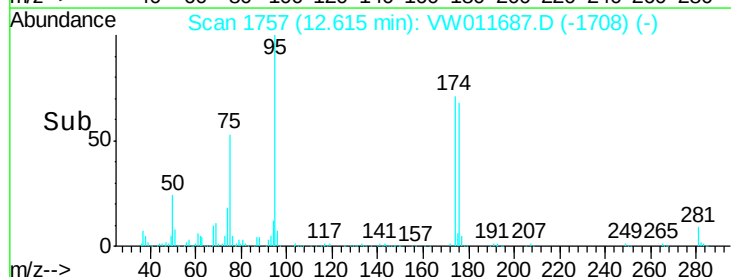
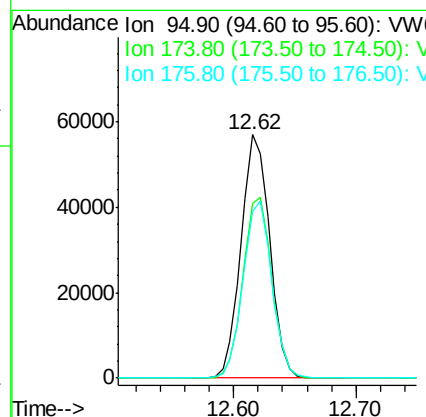
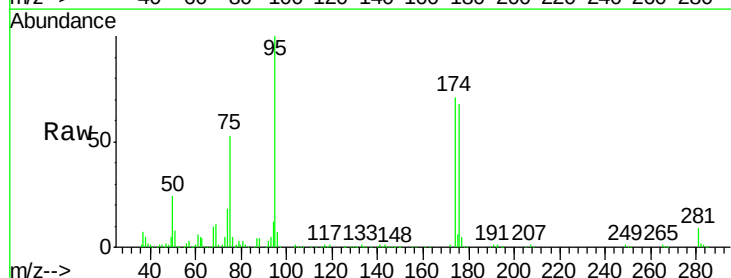
Instrument :
MSVOA_W
ClientSampleId :
1S-B4-(0-1)

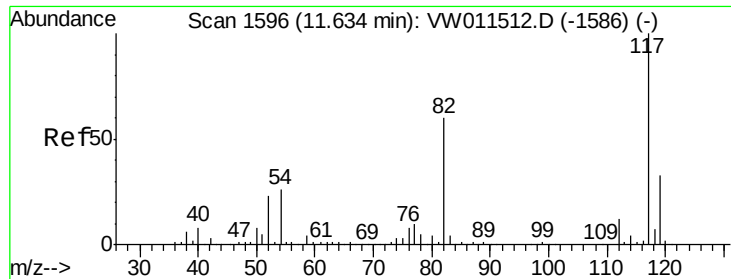
Tot Ion: 98 Resp: 323235
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 38.046 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011687.D
Acq: 04 Aug 2019 02:31

Tgt Ion: 95 Resp: 92487
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.2
176 73.1 0.0 144.4

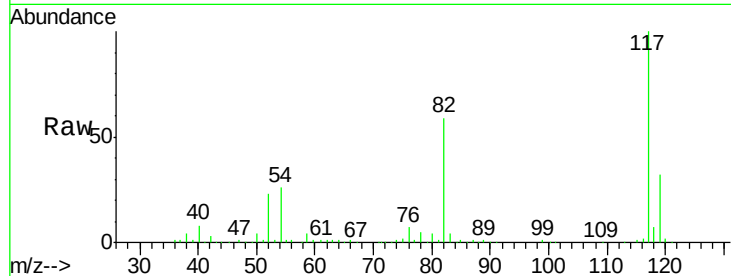




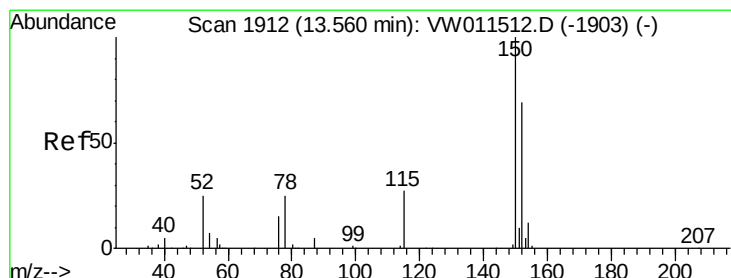
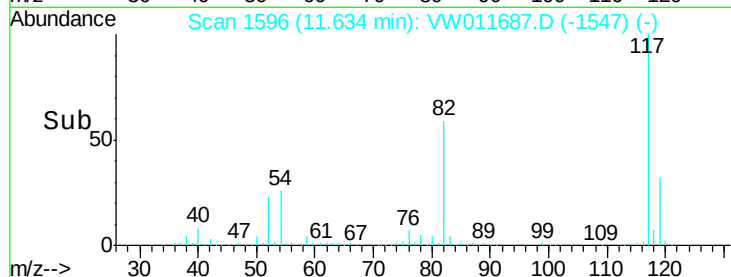
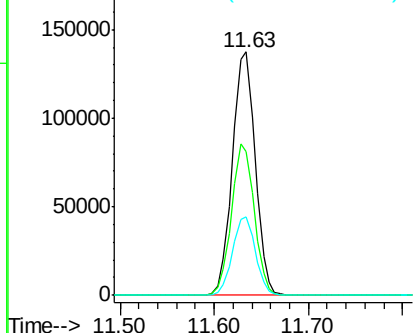
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011687.D
Acq: 04 Aug 2019 02:31

Instrument :
MSVOA_W
ClientSampleId :
1S-B4-(0-1)

Tot Ion:117 Resp: 232555
Ion Ratio Lower Upper
117 100
82 59.0 47.9 71.9
119 32.1 26.2 39.2

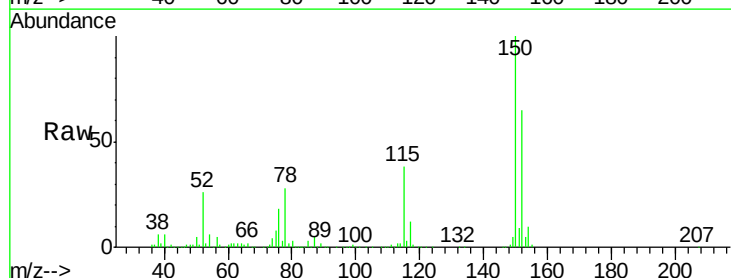


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011687.D
Acq: 04 Aug 2019 02:31

Tgt Ion:152 Resp: 83569
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 156.2 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

