

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011752.D
 Acq On : 07 Aug 2019 15:39
 Operator : SY/VA
 Sample : K4208-02
 Misc : 3.86G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02(0-2)

Quant Time: Aug 08 08:59:03 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	210367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79013	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	140973	58.36	ug/l	0.00
Spiked Amount			Recovery	=	116.72%	
35) Dibromofluoromethane	7.88	113	111622	56.82	ug/l	0.00
Spiked Amount			Recovery	=	113.64%	
50) Toluene-d8	10.32	98	424574	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.62	95	107076	37.34	ug/l	0.00
Spiked Amount			Recovery	=	74.68%	

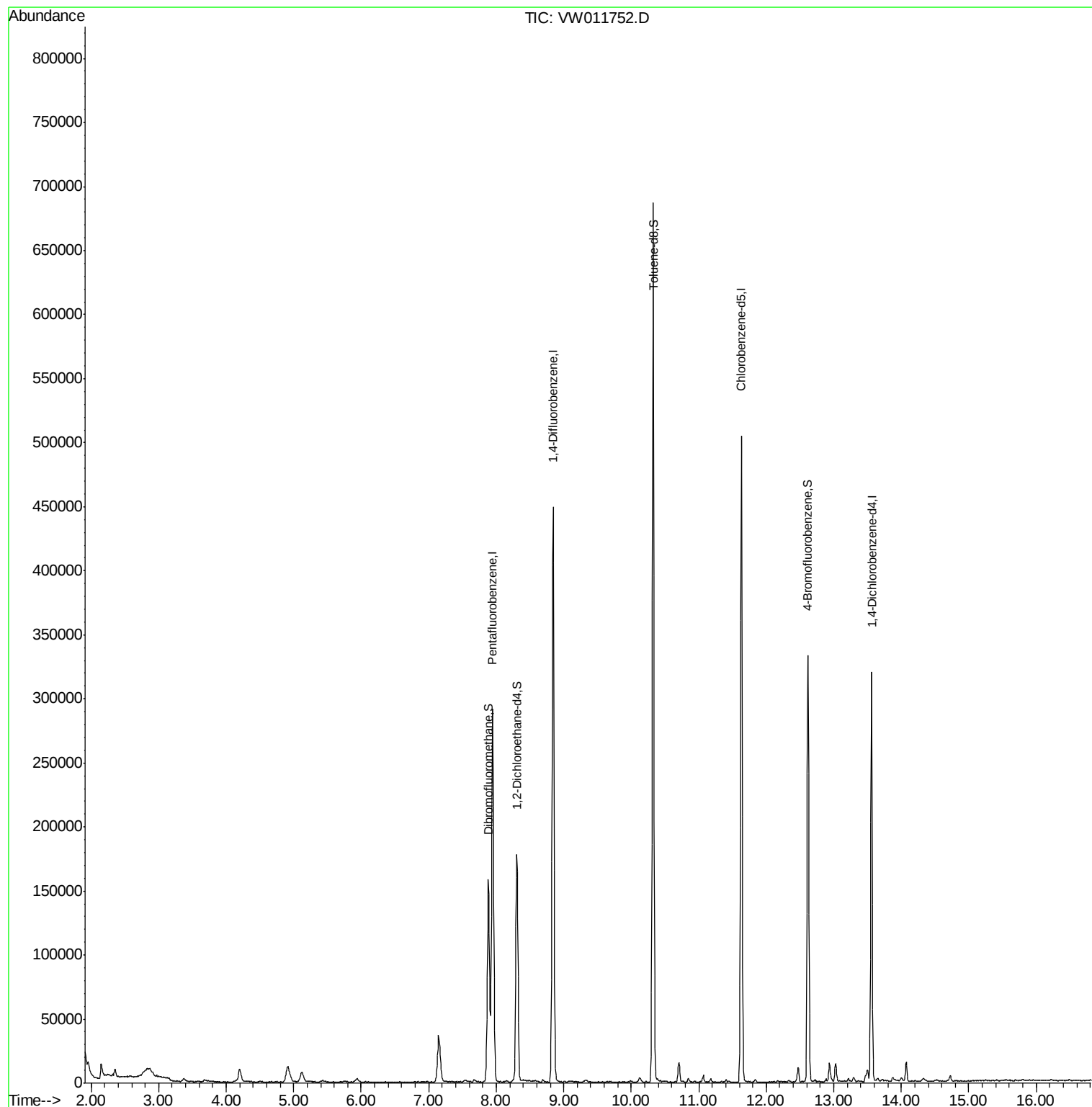
Target Compounds	Qvalue
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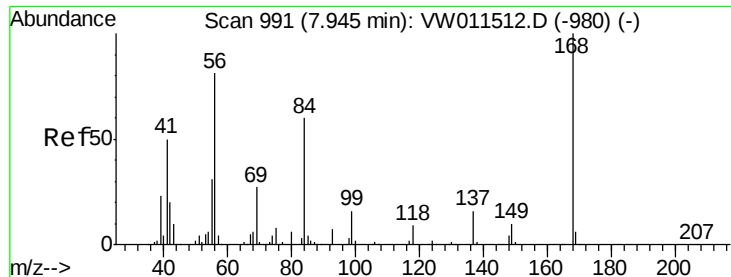
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011752.D

Acq: 07 Aug 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

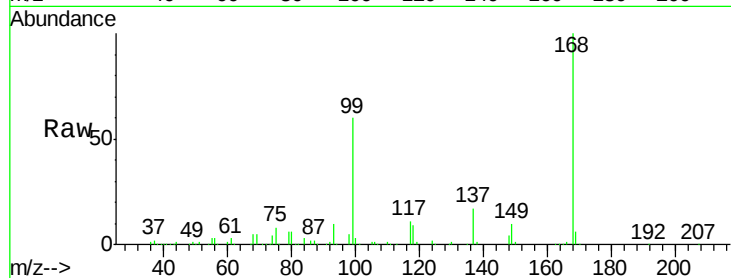
SB-02(0-2)

Tot Ion:168 Resp: 210367

Ion Ratio Lower Upper

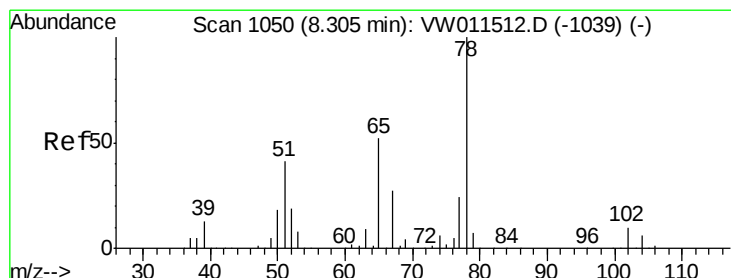
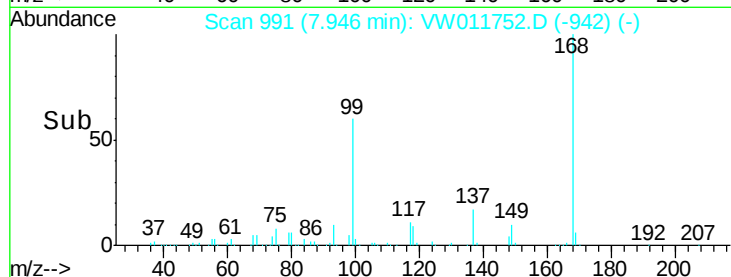
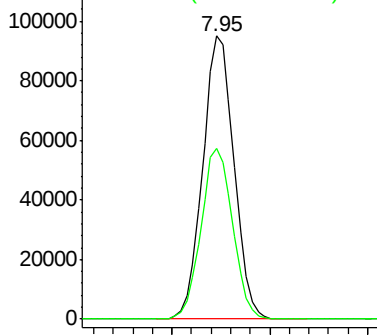
168 100

99 60.4 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: 58.359 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011752.D

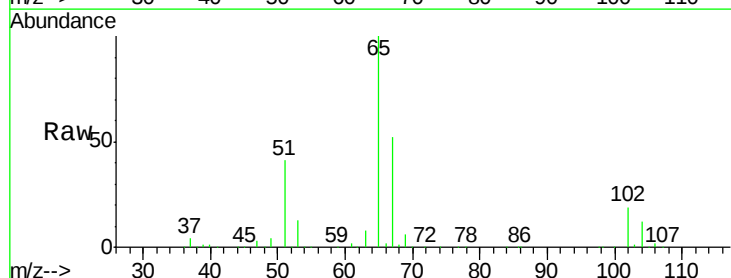
Acq: 07 Aug 2019 15:39

Tgt Ion: 65 Resp: 140973

Ion Ratio Lower Upper

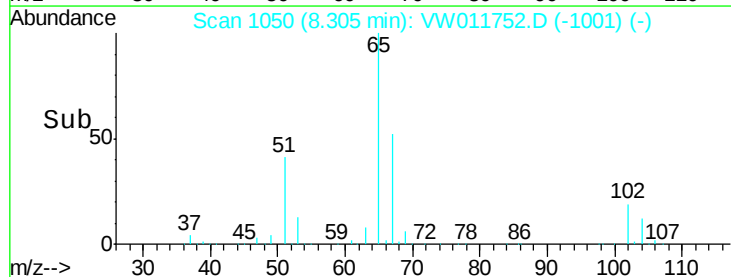
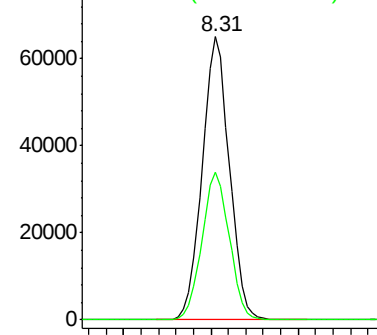
65 100

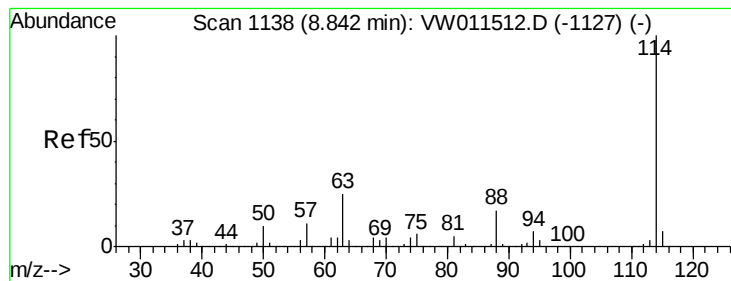
67 52.5 0.0 105.2



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: VW011752.D

Acq: 07 Aug 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

SB-02(0-2)

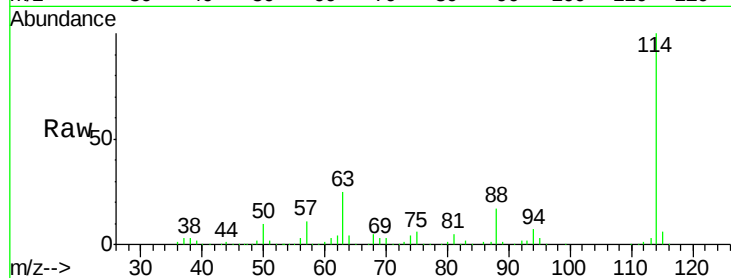
Tot Ion:114 Resp: 350135

Ion Ratio Lower Upper

114 100

63 25.3 0.0 49.2

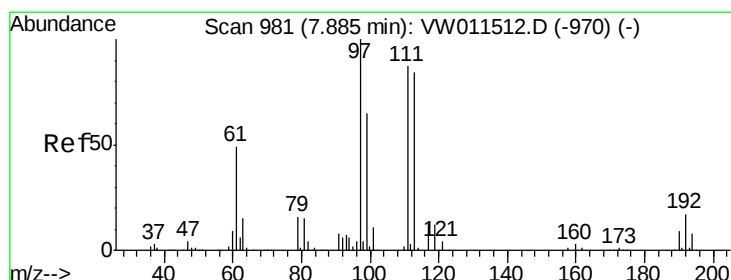
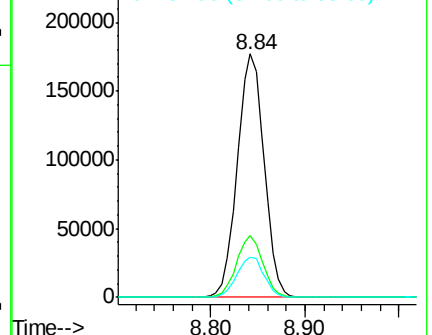
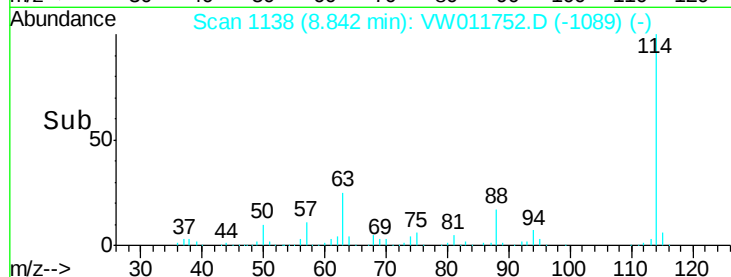
88 16.7 0.0 33.8



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: 56.825 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011752.D

Acq: 07 Aug 2019 15:39

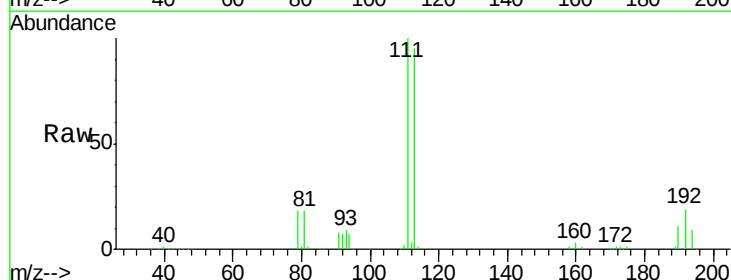
Tgt Ion:113 Resp: 111622

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

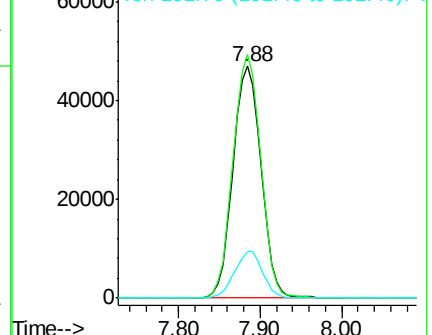
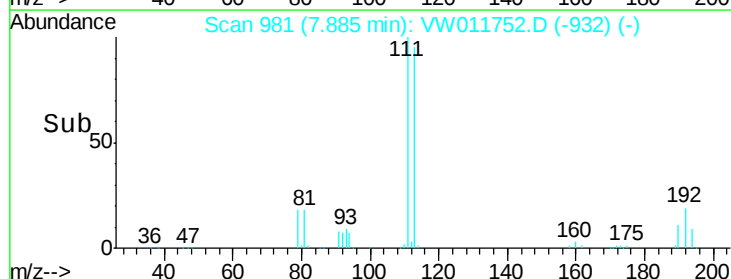
192 20.1 16.1 24.1

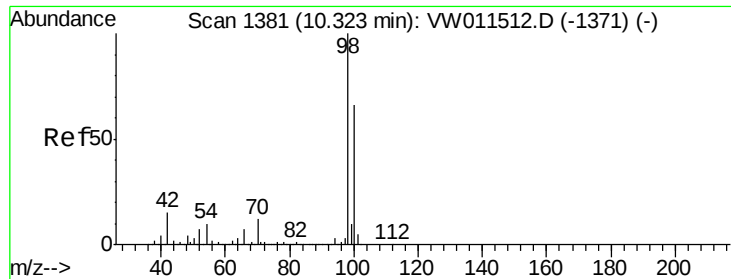


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.791 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011752.D

Acq: 07 Aug 2019 15:39

Instrument :

MSVOA_W

ClientSampleId :

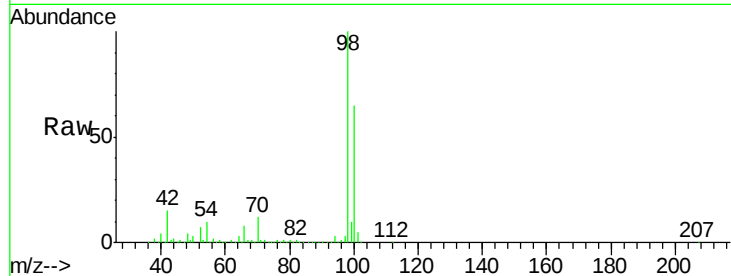
SB-02(0-2)

Tot Ion: 98 Resp: 424574

Ion Ratio Lower Upper

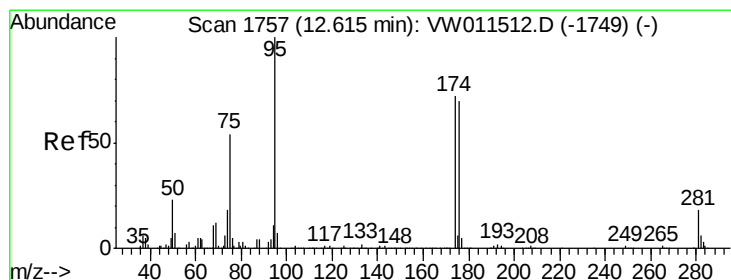
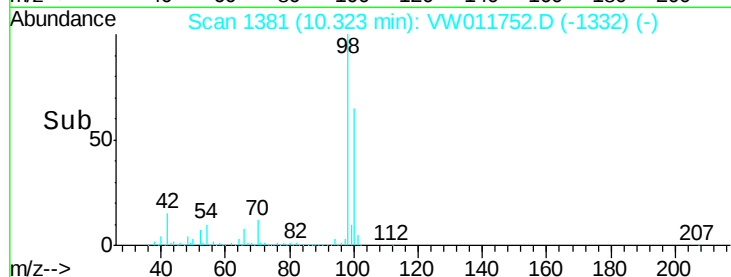
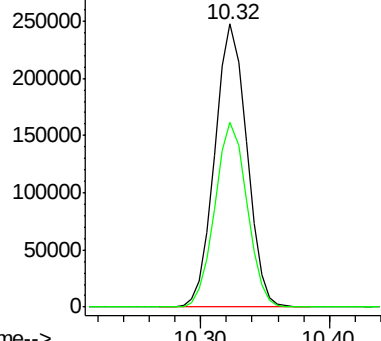
98 100

100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 37.344 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011752.D

Acq: 07 Aug 2019 15:39

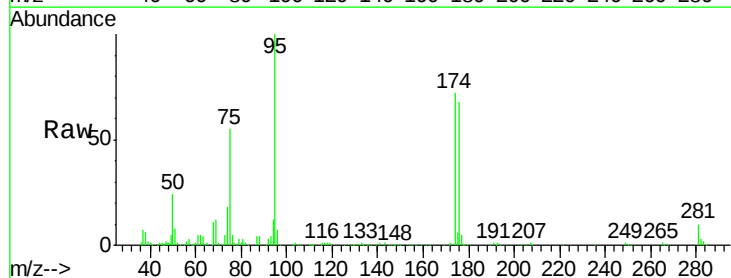
Tgt Ion: 95 Resp: 107076

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.2

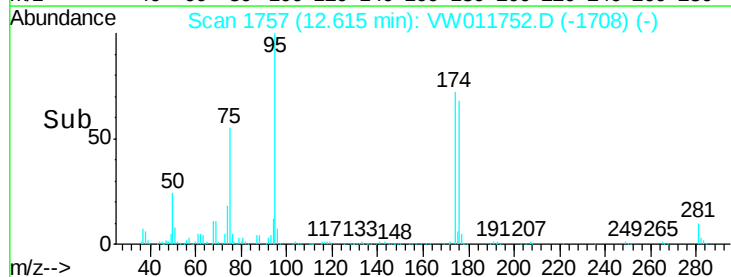
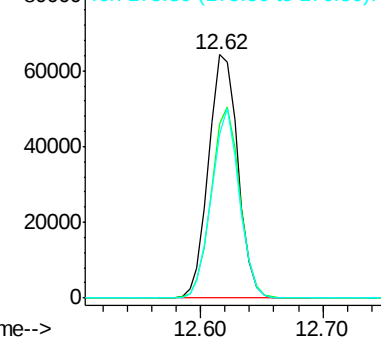
176 73.8 0.0 144.4

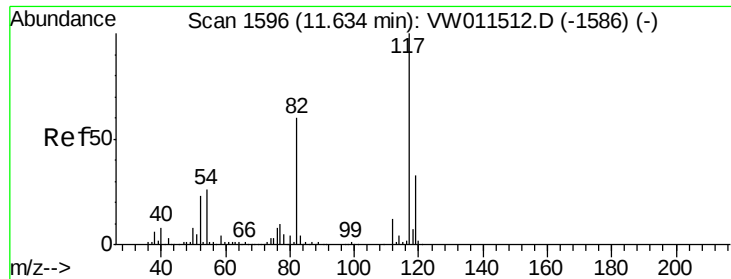


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

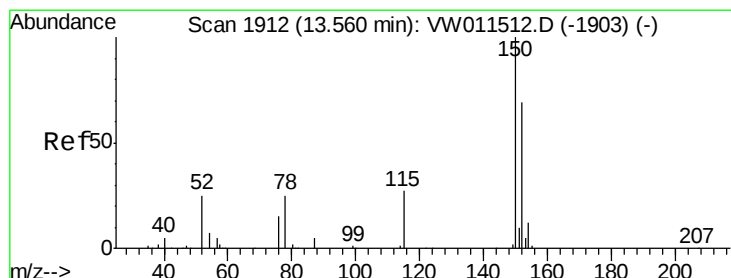
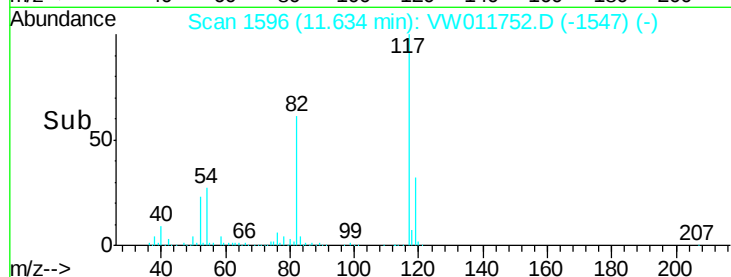
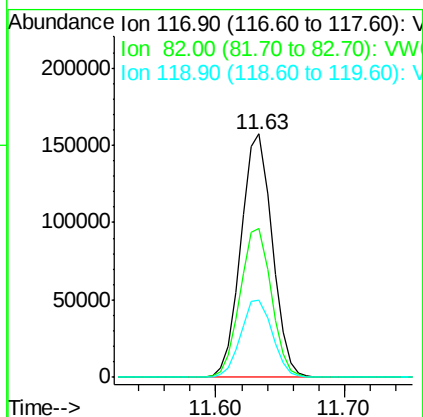
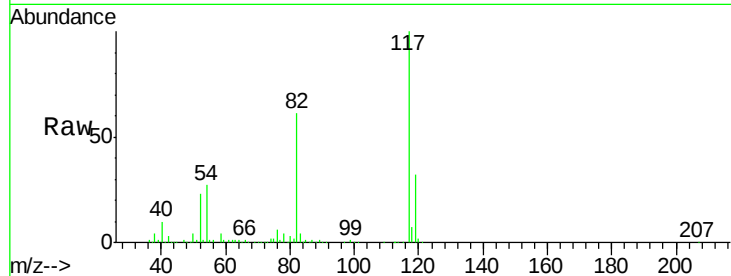




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011752.D
Acq: 07 Aug 2019 15:39

Instrument :
MSVOA_W
ClientSampleId :
SB-02(0-2)

Tot Ion:117 Resp: 264082
Ion Ratio Lower Upper
117 100
82 61.0 47.9 71.9
119 31.9 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: VW011752.D
Acq: 07 Aug 2019 15:39

Tgt Ion:152 Resp: 79013
Ion Ratio Lower Upper
152 100
115 60.2 30.5 91.5
150 158.9 0.0 352.6

