

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012782.D
 Acq On : 08 Sep 2019 20:45
 Operator : SY/VA
 Sample : K4636-07
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-22-6.5-7.0

Quant Time: Sep 09 08:20:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	176143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	267444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	224391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90440	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105388	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	7.88	113	81510	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.32	98	322479	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.62	95	97119	42.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.90%	

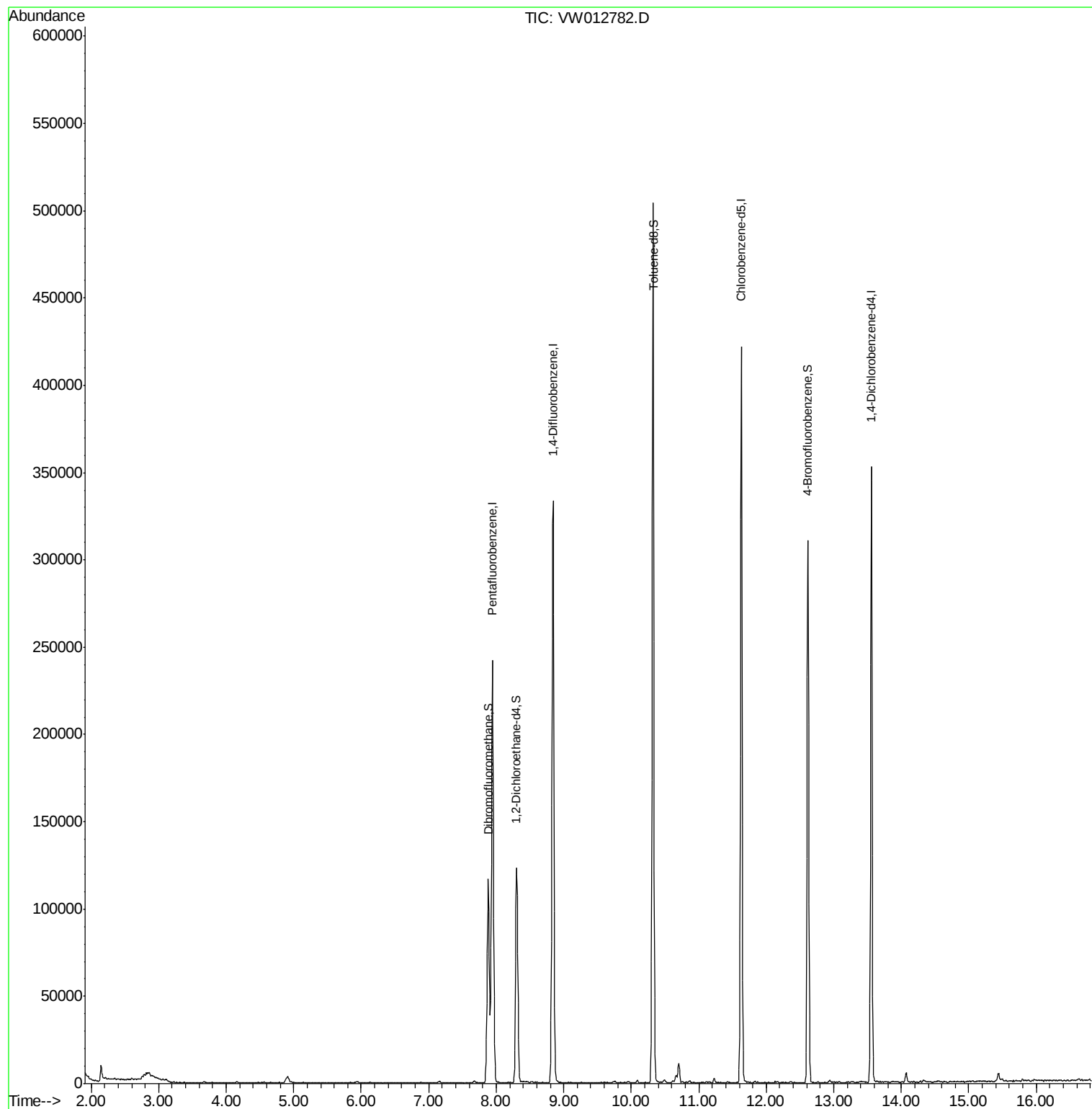
Target Compounds	Qvalue

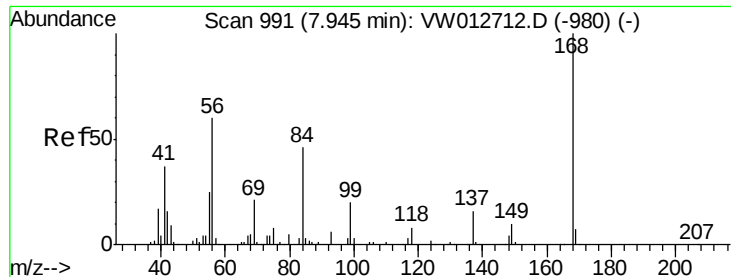
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Acq: 08 Sep 2019 20:45

Instrument :

MSVOA_W

ClientSampleId :

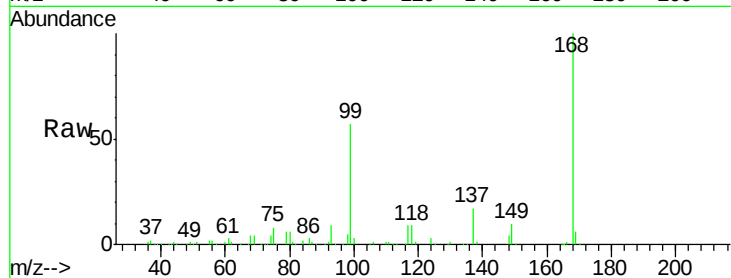
SB-22-6.5-7.0

Tot Ion:168 Resp: 176143

Ion Ratio Lower Upper

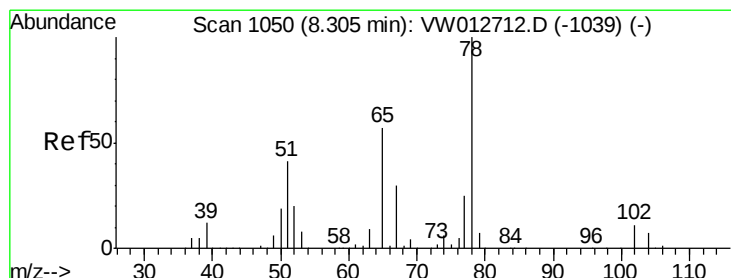
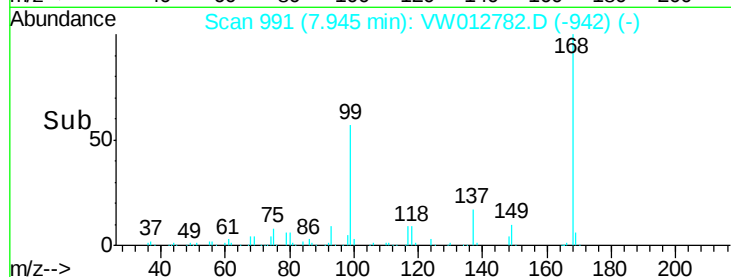
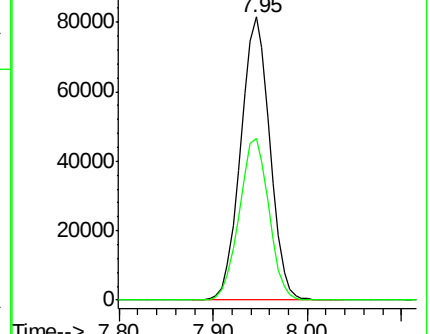
168 100

99 57.1 47.8 71.6



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: 53.548 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012782.D

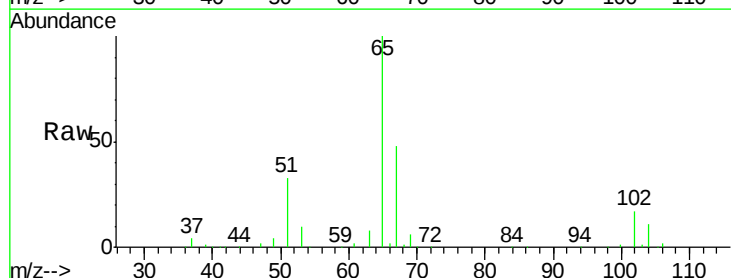
Acq: 08 Sep 2019 20:45

Tgt Ion: 65 Resp: 105388

Ion Ratio Lower Upper

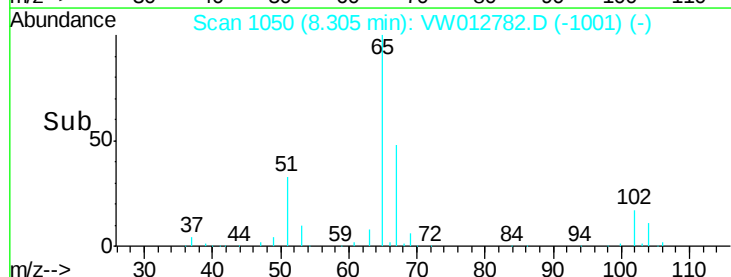
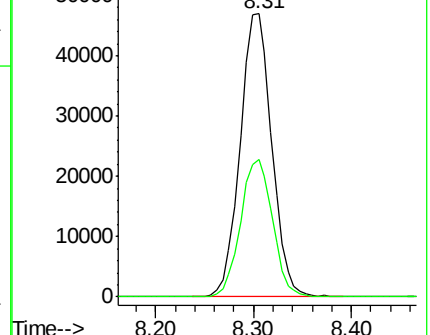
65 100

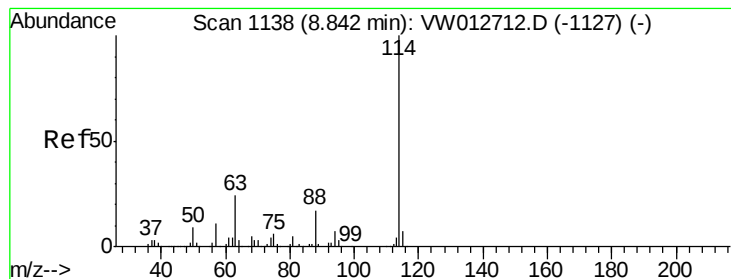
67 49.0 0.0 101.8



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: VW012782.D

Acq: 08 Sep 2019 20:45

Instrument :

MSVOA_W

ClientSampleId :

SB-22-6.5-7.0

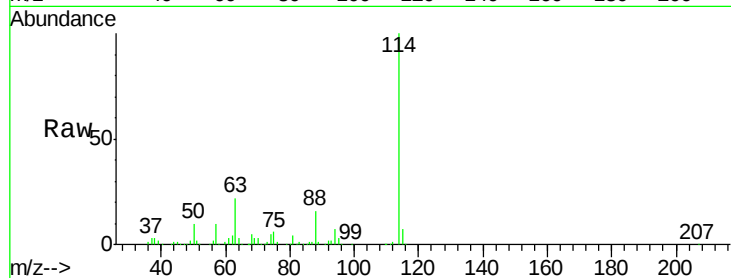
Tot Ion:114 Resp: 267444

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.2

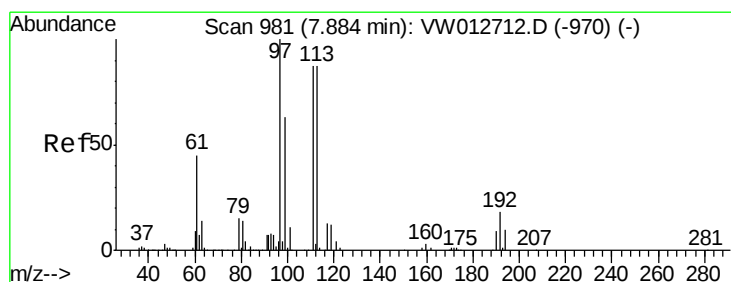
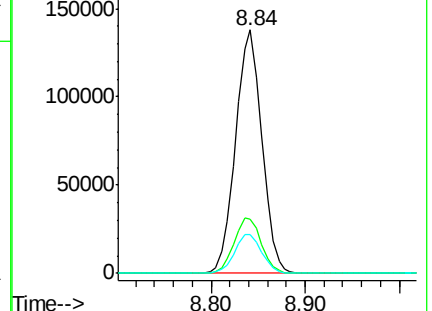
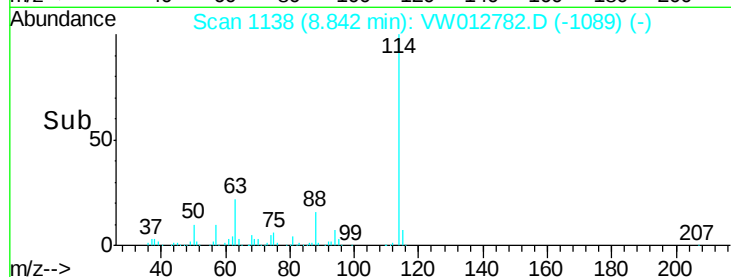
88 16.1 0.0 34.0



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: 51.263 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012782.D

Acq: 08 Sep 2019 20:45

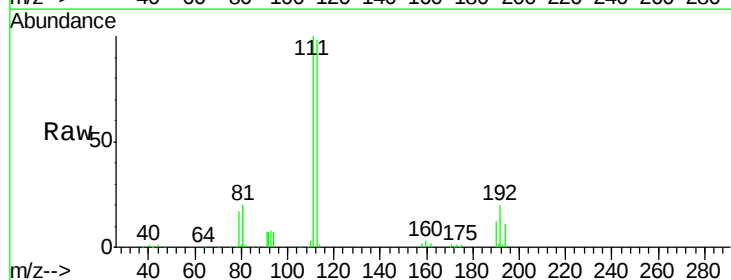
Tgt Ion:113 Resp: 81510

Ion Ratio Lower Upper

113 100

111 103.8 80.2 120.4

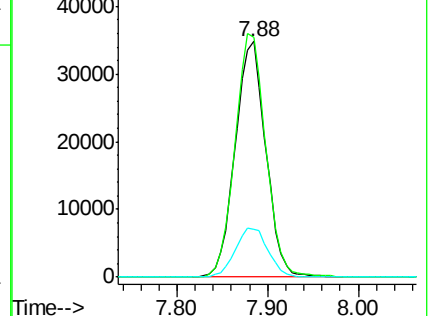
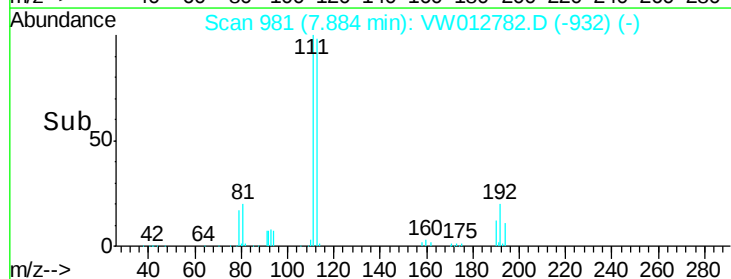
192 22.4 17.3 25.9

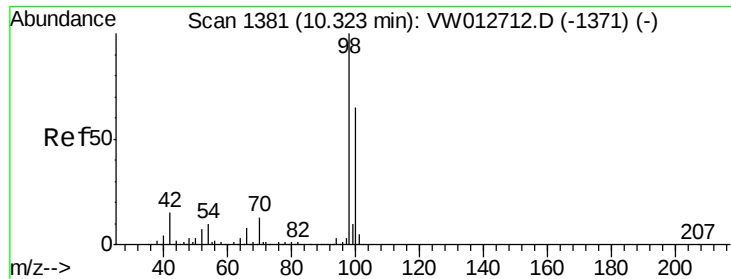


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.768 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012782.D

Acq: 08 Sep 2019 20:45

Instrument :

MSVOA_W

ClientSampleId :

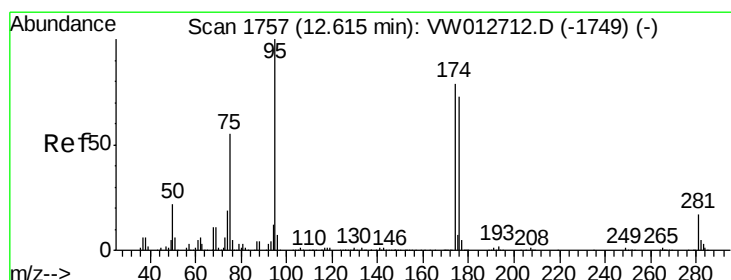
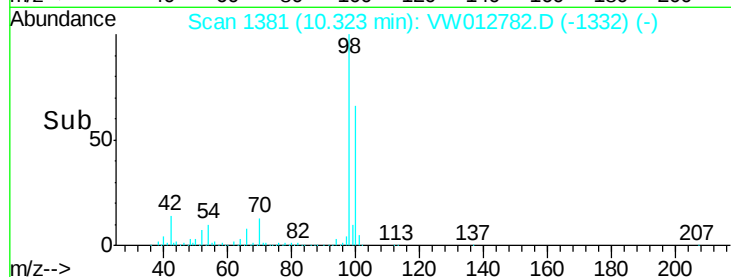
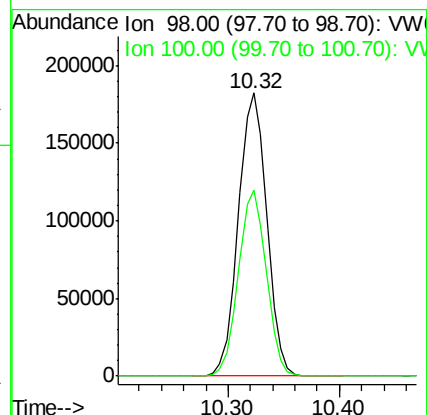
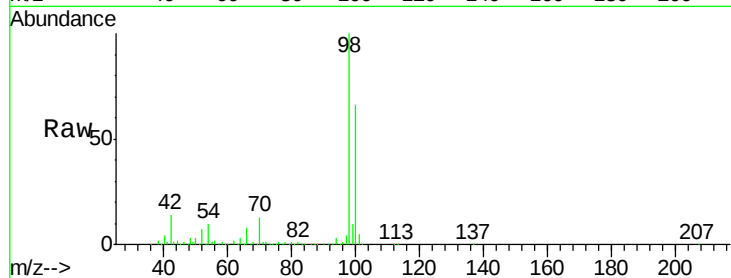
SB-22-6.5-7.0

Tot Ion: 98 Resp: 322479

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 42.945 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012782.D

Acq: 08 Sep 2019 20:45

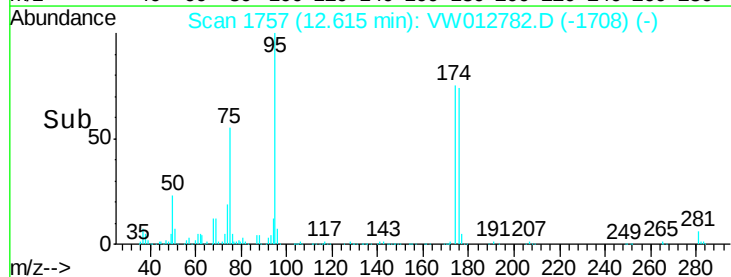
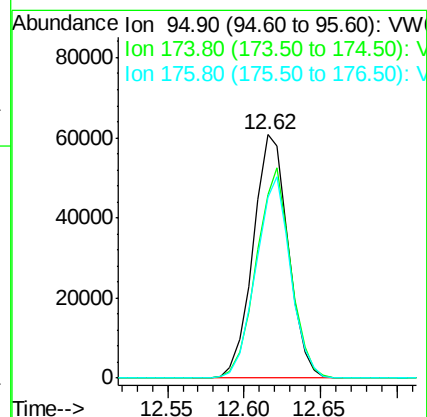
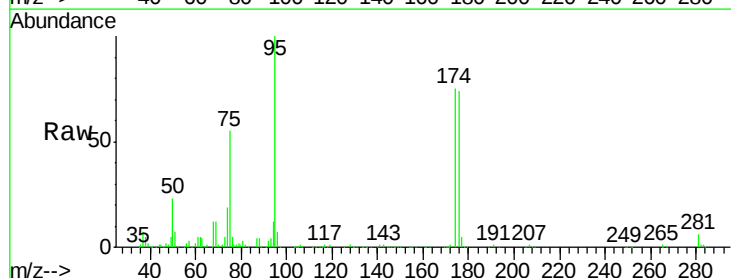
Tgt Ion: 95 Resp: 97119

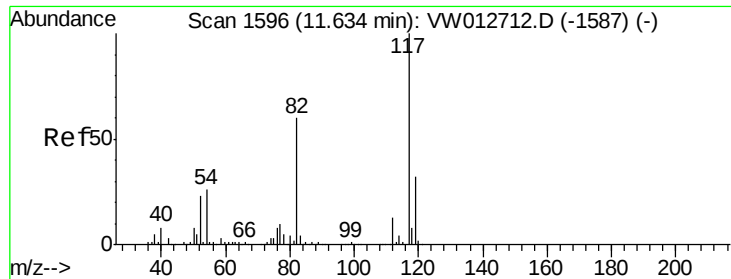
Ion Ratio Lower Upper

95 100

174 84.2 0.0 161.0

176 81.4 0.0 156.4

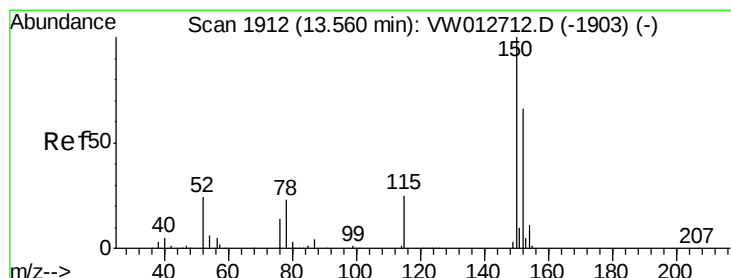
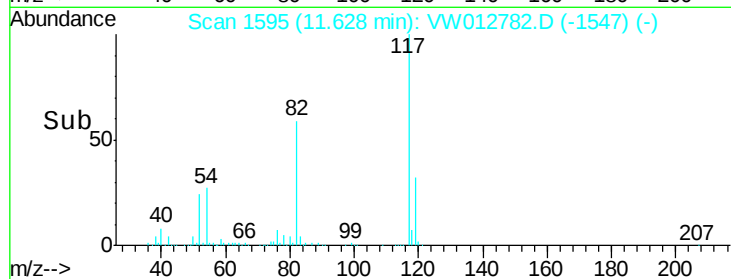
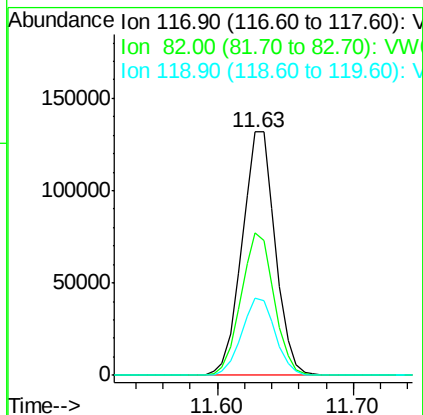
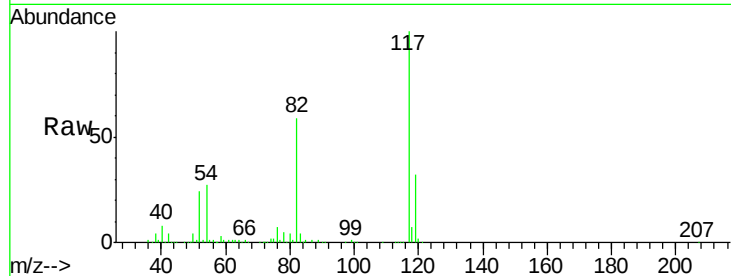




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012782.D
Acq: 08 Sep 2019 20:45

Instrument :
MSVOA_W
ClientSampleId :
SB-22-6.5-7.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	48.2	72.4
119	31.7	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012782.D
Acq: 08 Sep 2019 20:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	30.0	90.1
150	154.6	0.0	349.0

