

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012799.D
 Acq On : 09 Sep 2019 04:42
 Operator : SY/VA
 Sample : K4623-11
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D3-(0)

Quant Time: Sep 09 07:51:56 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	255950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101463	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	147694	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.88	113	113896	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.32	98	451440	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.62	95	127405	38.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.64%	

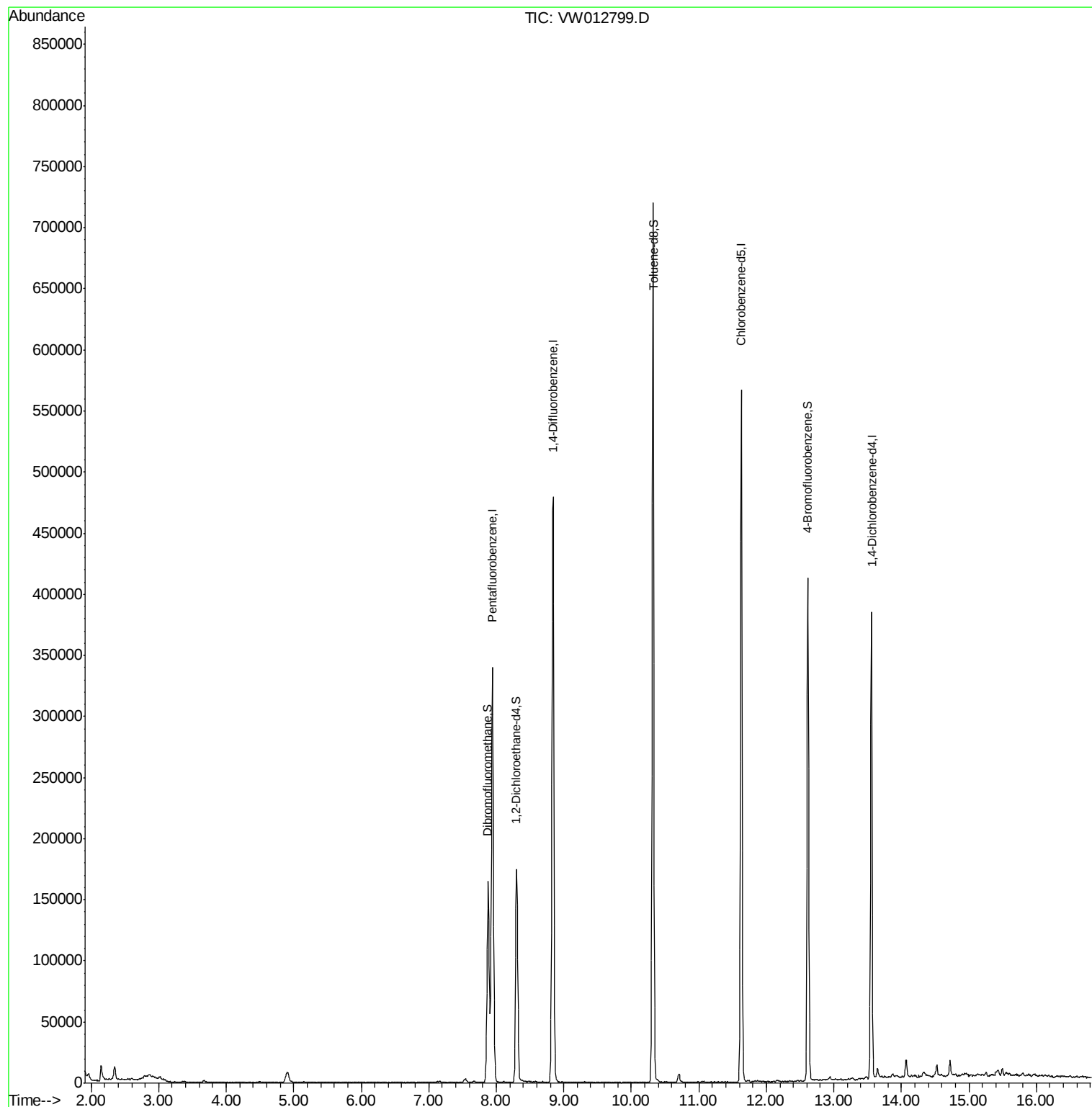
Target Compounds	Qvalue

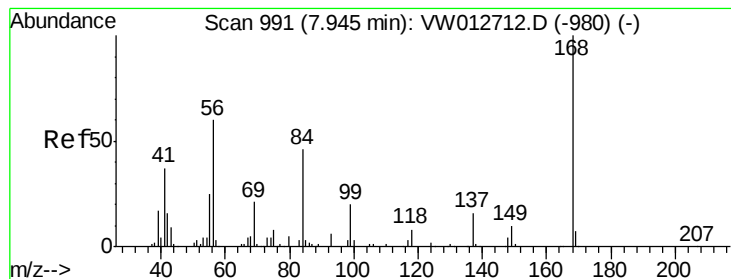
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 09 Sep 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

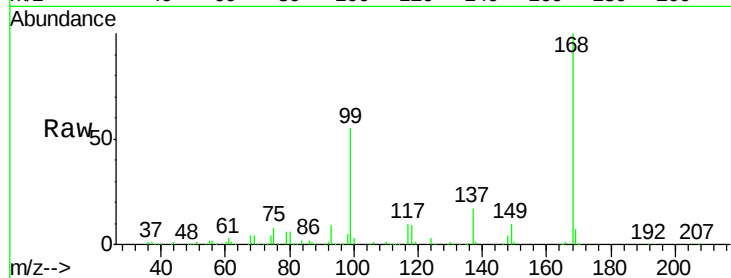
PAR-11-D3-(0)

Tot Ion:168 Resp: 255950

Ion Ratio Lower Upper

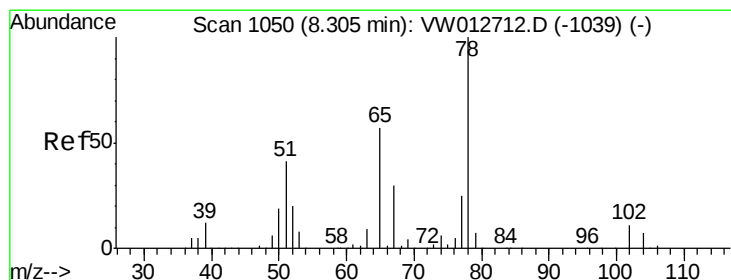
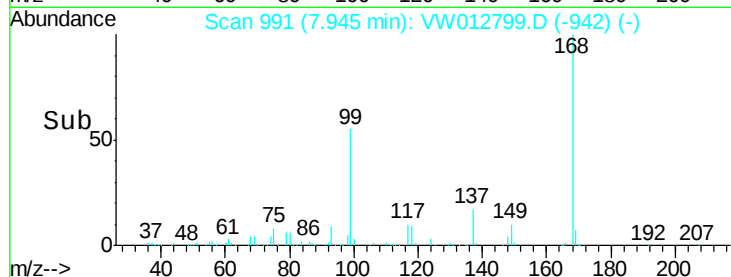
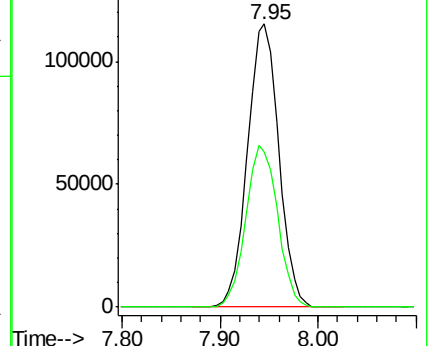
168 100

99 55.0 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: 51.645 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012799.D

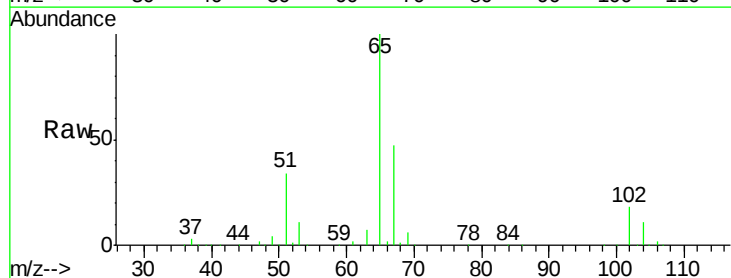
Acq: 09 Sep 2019 04:42

Tgt Ion: 65 Resp: 147694

Ion Ratio Lower Upper

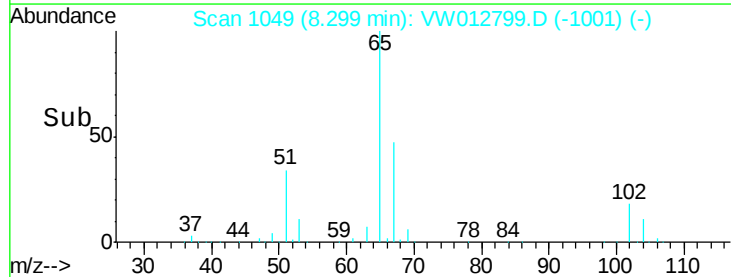
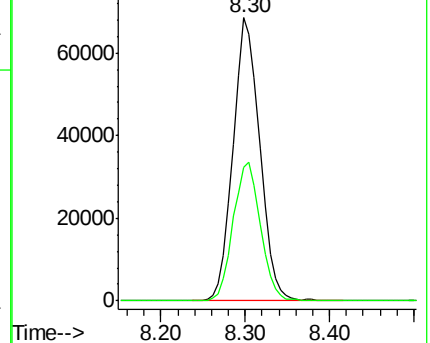
65 100

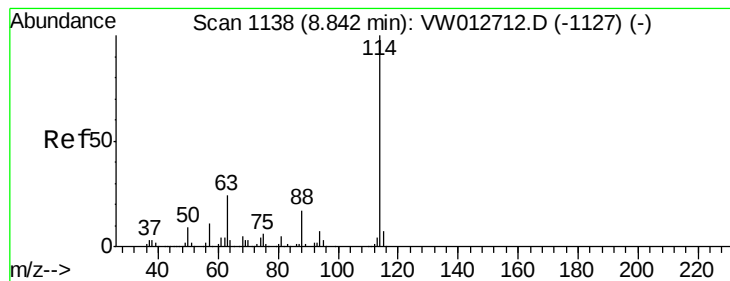
67 50.0 0.0 101.8



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: VW012799.D

Acq: 09 Sep 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-D3-(0)

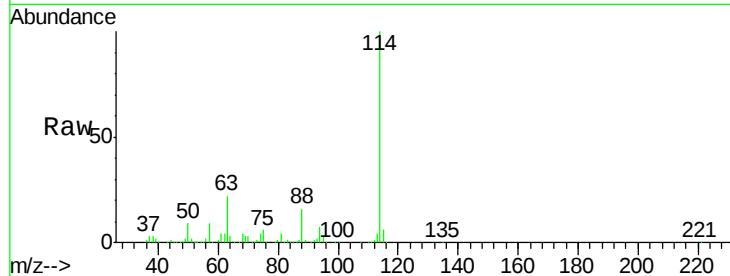
Tot Ion:114 Resp: 388127

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.2

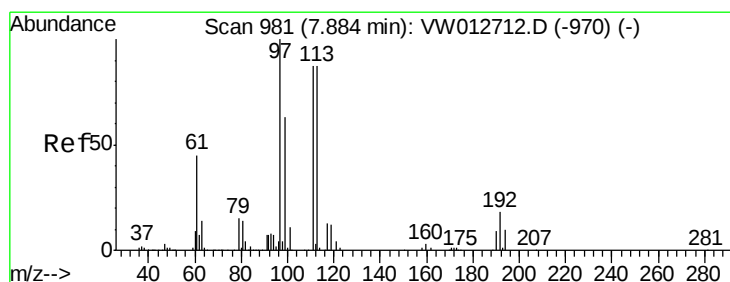
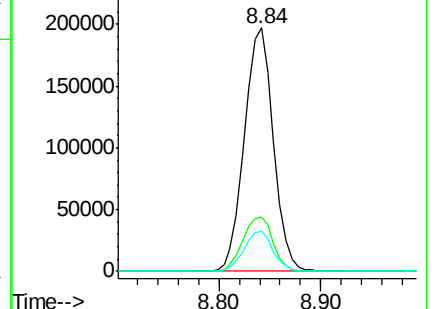
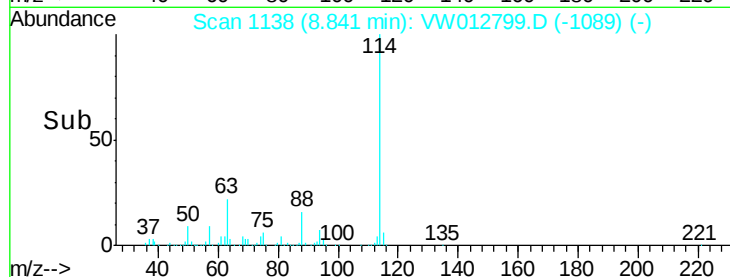
88 16.5 0.0 34.0



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: 49.359 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

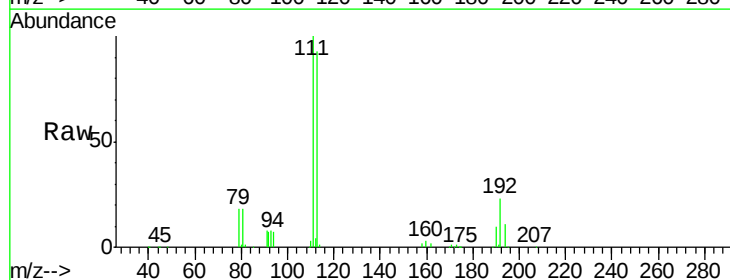
Tgt Ion:113 Resp: 113896

Ion Ratio Lower Upper

113 100

111 104.4 80.2 120.4

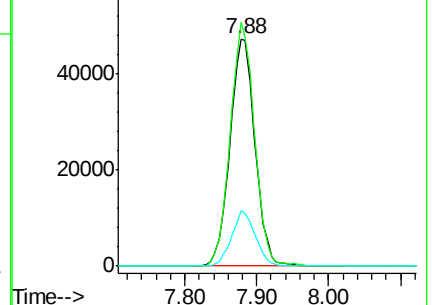
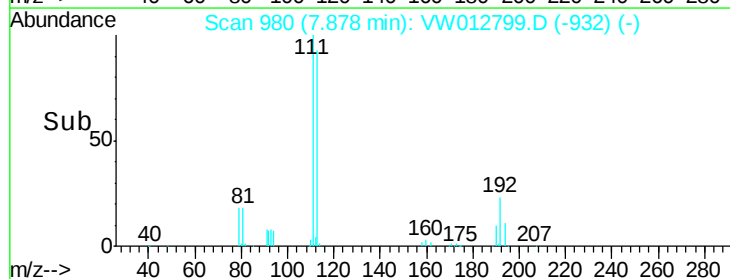
192 23.2 17.3 25.9

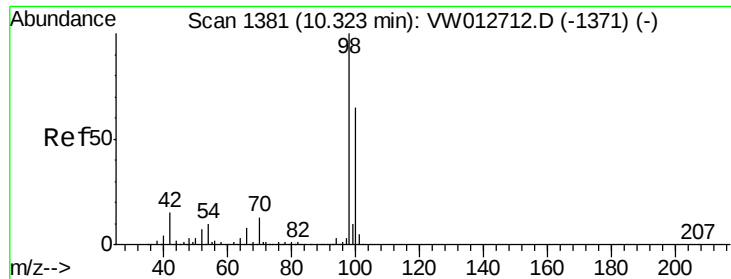


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.936 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

Instrument :

MSVOA_W

ClientSampleId :

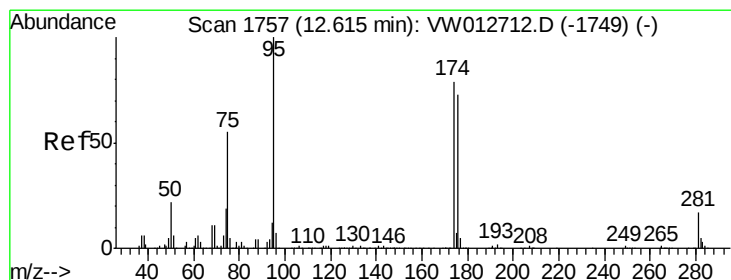
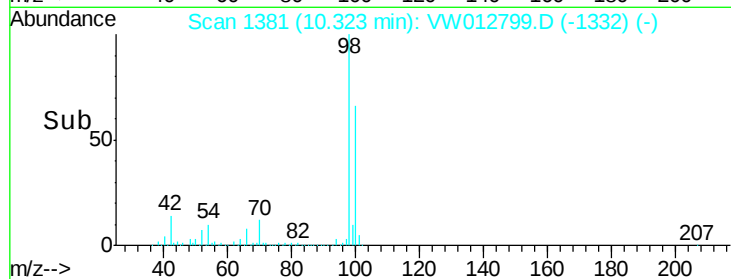
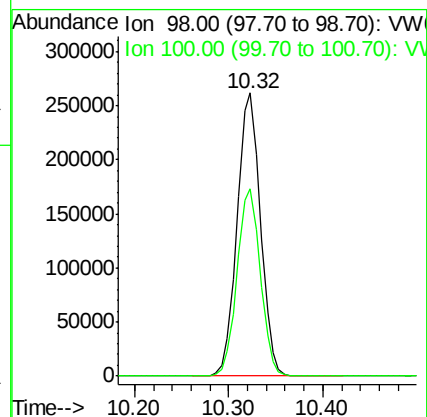
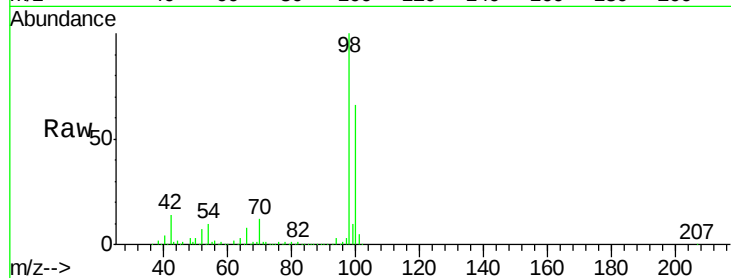
PAR-11-D3-(0)

Tot Ion: 98 Resp: 451440

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 38.820 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012799.D

Acq: 09 Sep 2019 04:42

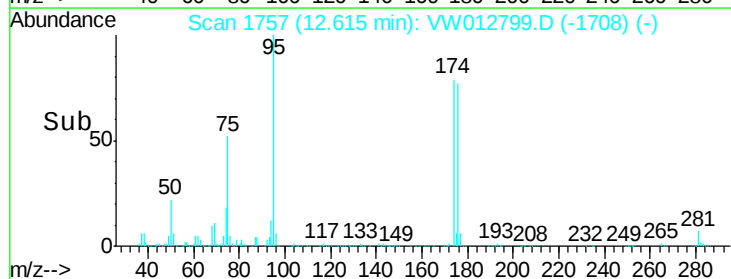
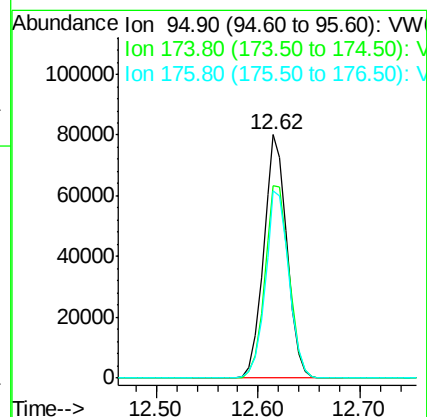
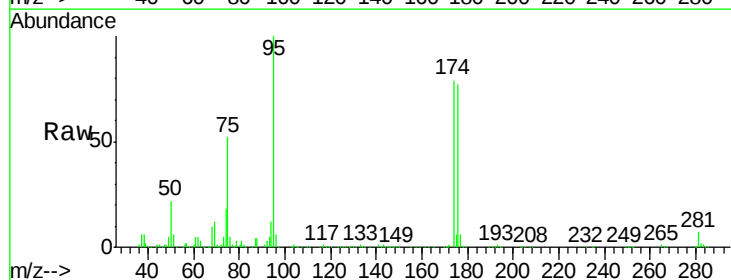
Tgt Ion: 95 Resp: 127405

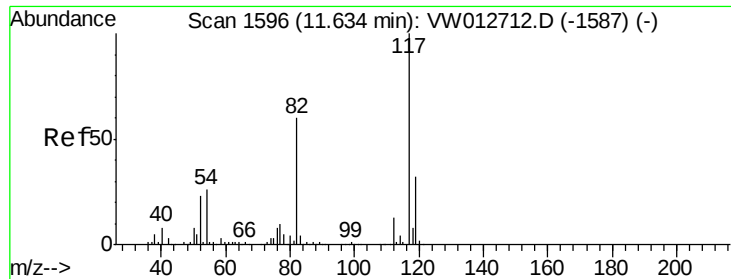
Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.0

176 77.5 0.0 156.4

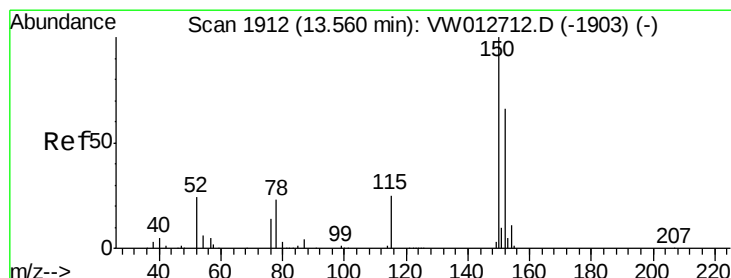
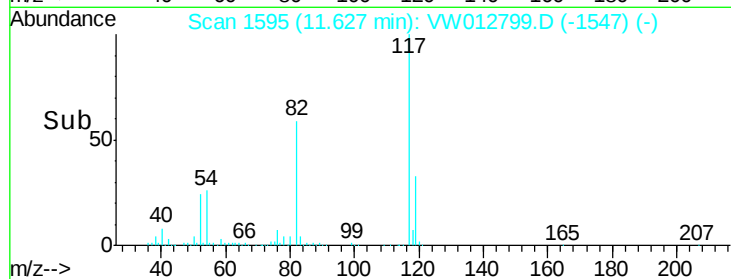
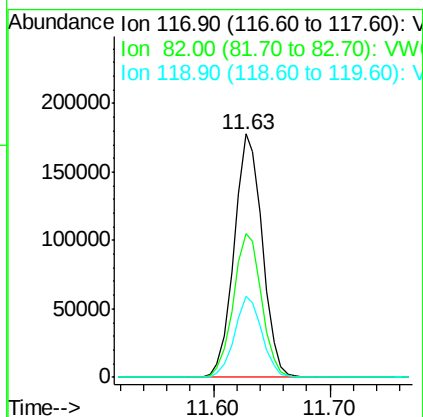
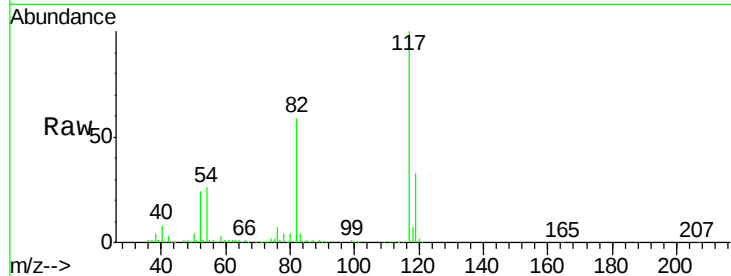




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012799.D
Acq: 09 Sep 2019 04:42

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D3-(0)

Tot Ion:117 Resp: 299265
Ion Ratio Lower Upper
117 100
82 59.1 48.2 72.4
119 33.1 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: VW012799.D
Acq: 09 Sep 2019 04:42

Tgt Ion:152 Resp: 101463
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.1
150 156.0 0.0 349.0

