

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012797.D
 Acq On : 09 Sep 2019 03:50
 Operator : SY/VA
 Sample : K4623-09
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D1-(0)

Quant Time: Sep 09 07:47:33 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

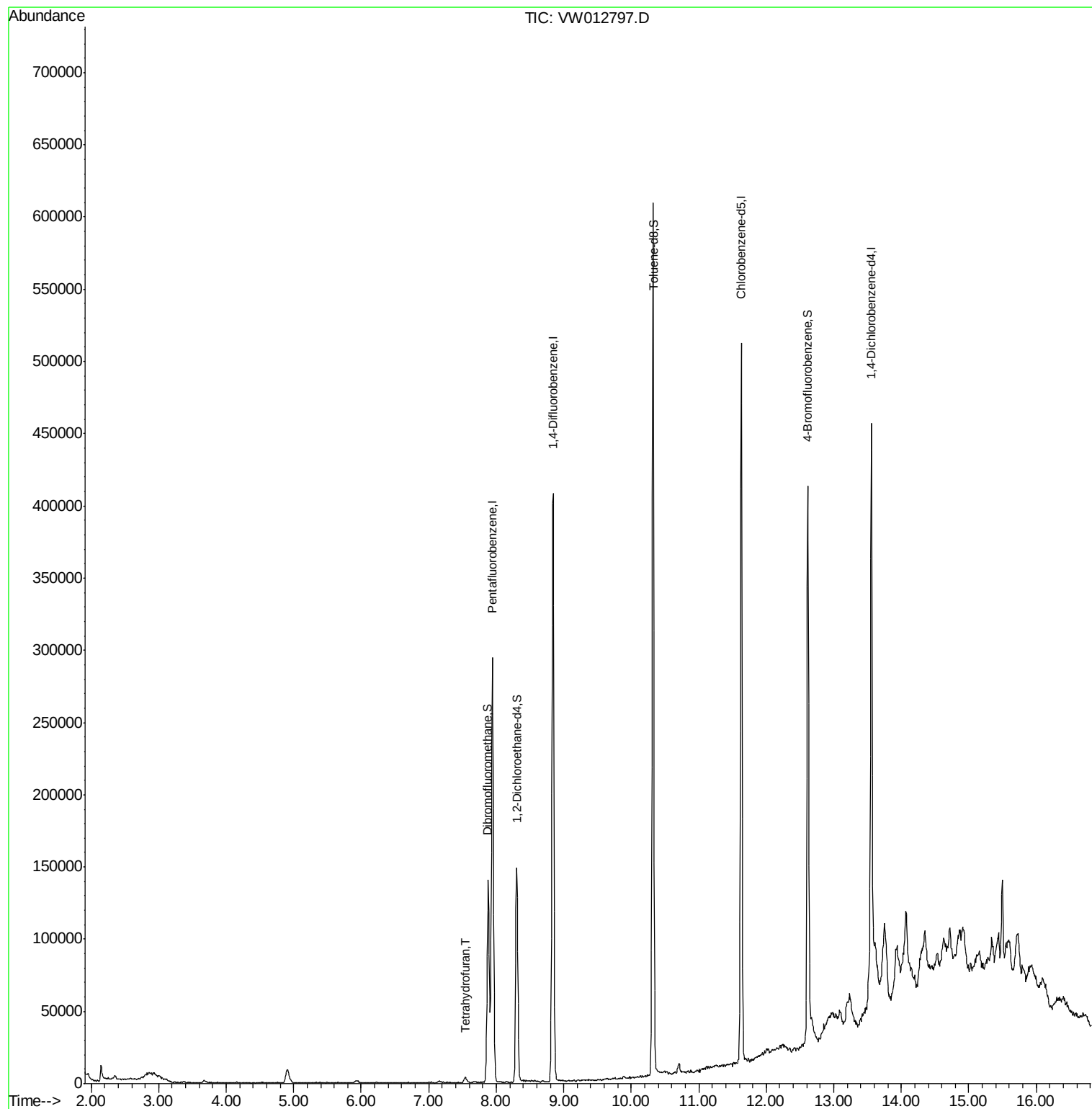
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	95734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126524	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
35) Dibromofluoromethane	7.88	113	97745	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.32	98	390757	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	117288	41.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.86%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	3755	6.985	ug/l	Qvalue 92

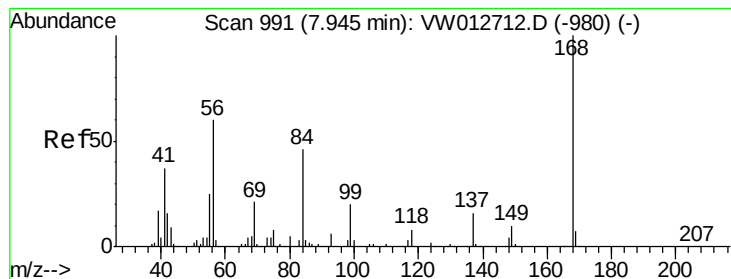
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Sep 08 05:04:40 2019
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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 03:50

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MSVOA_W

ClientSampleId :

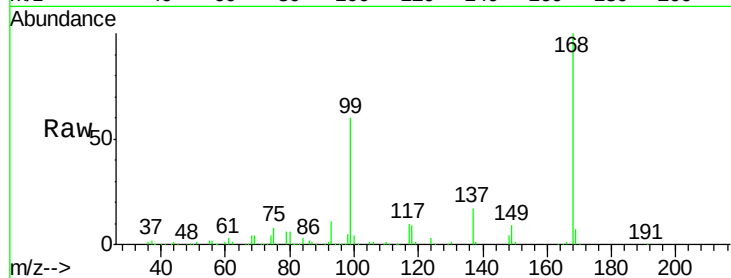
PAR-11-D1-(0)

Tot Ion:168 Resp: 218549

Ion Ratio Lower Upper

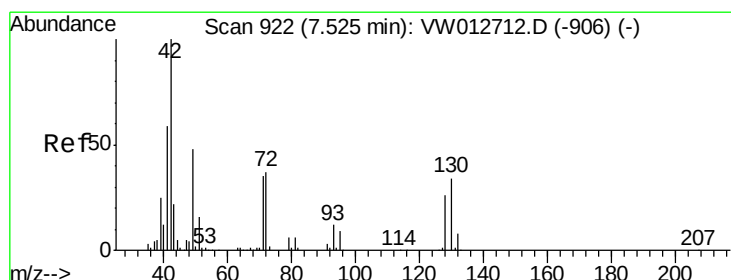
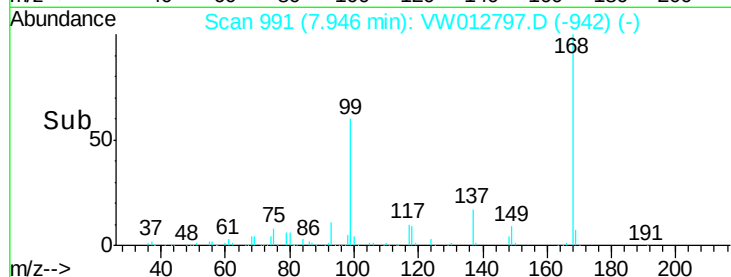
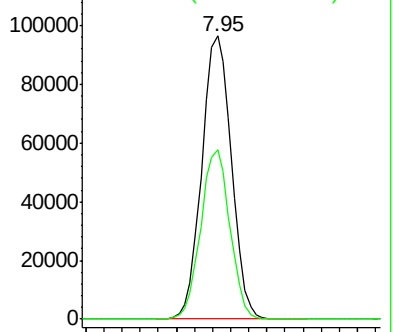
168 100

99 60.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#29

Tetrahydrofuran

Concen: 6.985 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW012797.D

Acq: 09 Sep 2019 03:50

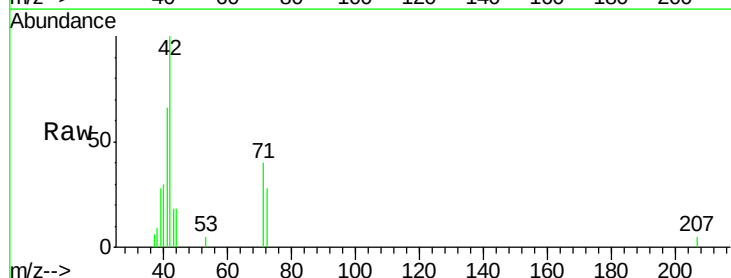
Tgt Ion: 42 Resp: 3755

Ion Ratio Lower Upper

42 100

72 30.1 28.4 42.6

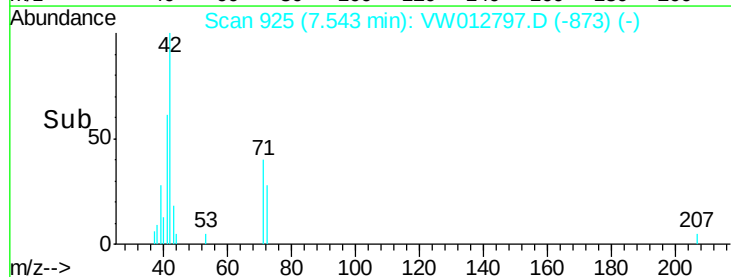
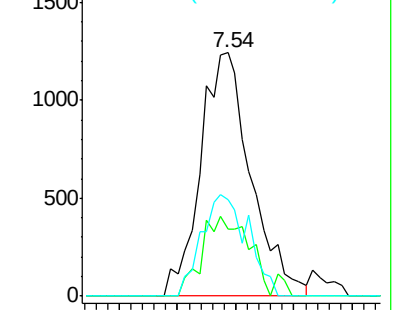
71 38.2 27.1 40.7

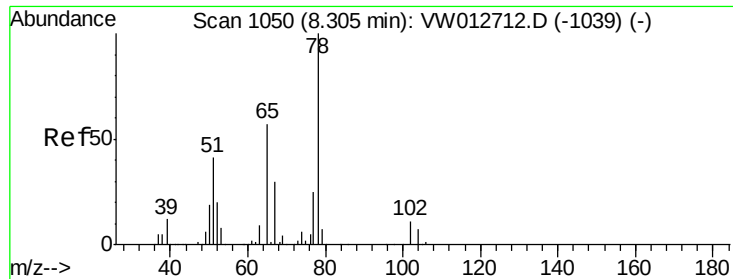


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

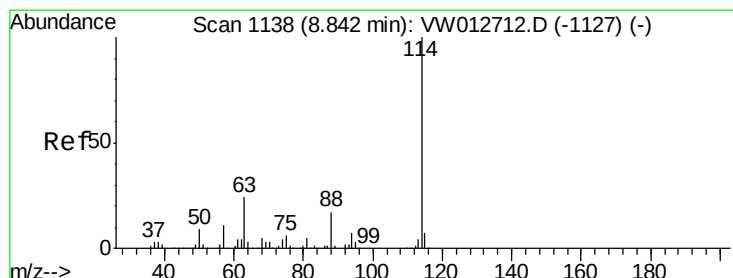
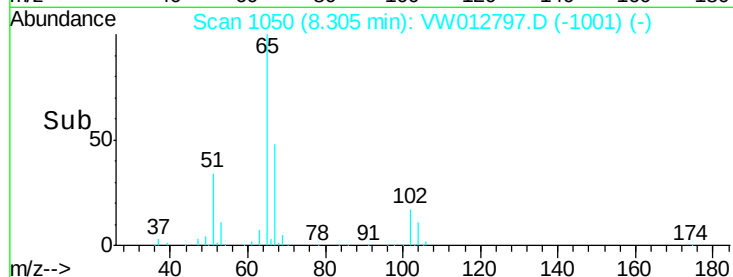
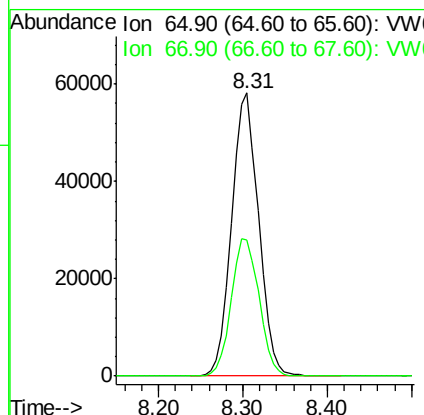
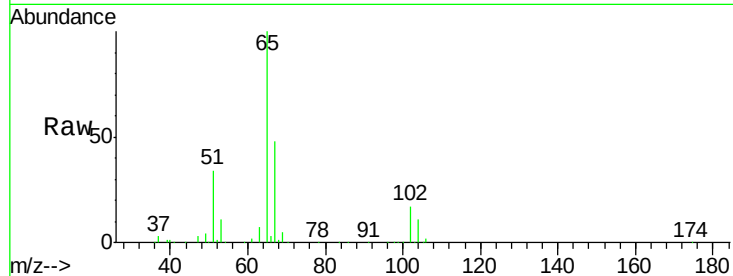




#33
 1,2-Dichloroethane-d4
 Concen: 51.813 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012797.D
 Acq: 09 Sep 2019 03:50

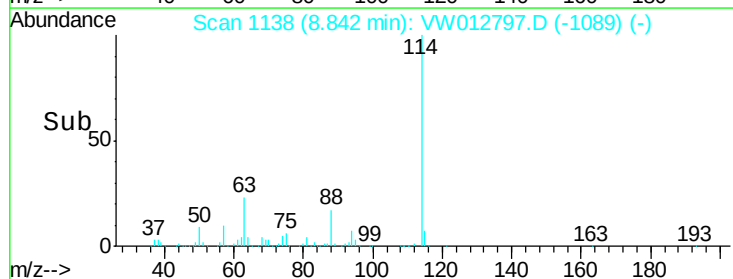
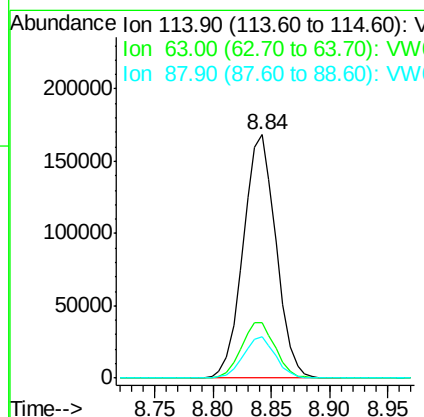
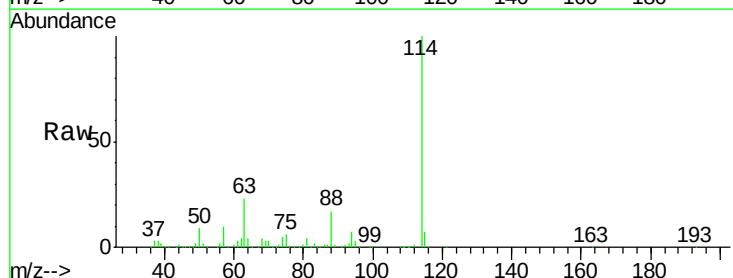
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D1-(0)

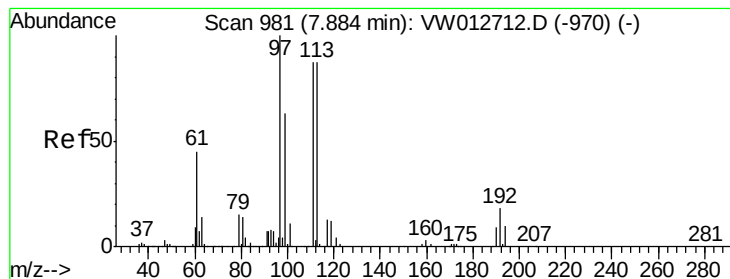
Tot Ion: 65 Resp: 126524
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012797.D
 Acq: 09 Sep 2019 03:50

Tgt Ion: 114 Resp: 330840
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.2
 88 16.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.694 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012797.D

Acq: 09 Sep 2019 03:50

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-D1-(0)

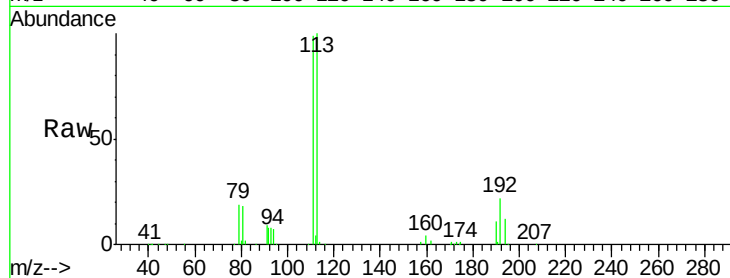
Tot Ion:113 Resp: 97745

Ion Ratio Lower Upper

113 100

111 103.2 80.2 120.4

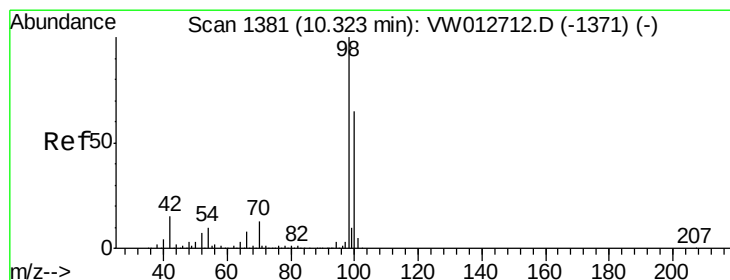
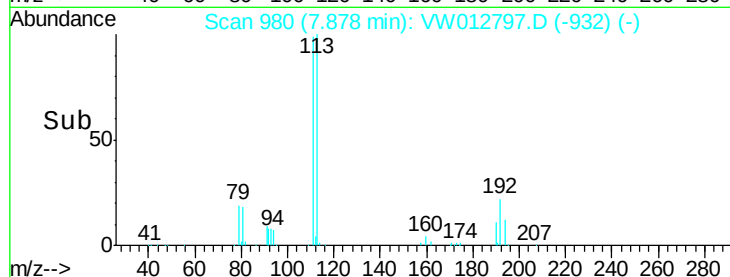
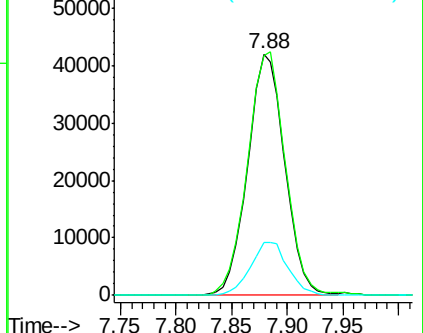
192 22.2 17.3 25.9



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: 50.708 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012797.D

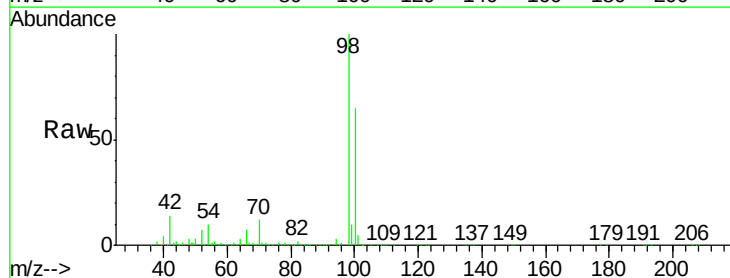
Acq: 09 Sep 2019 03:50

Tgt Ion: 98 Resp: 390757

Ion Ratio Lower Upper

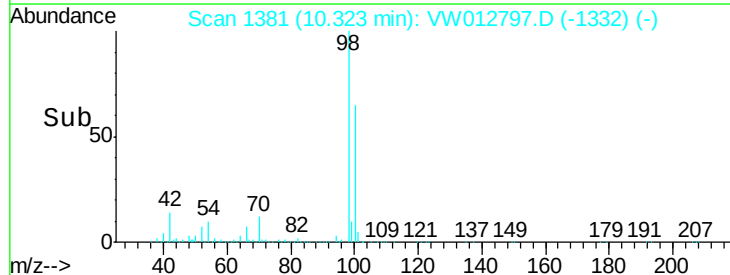
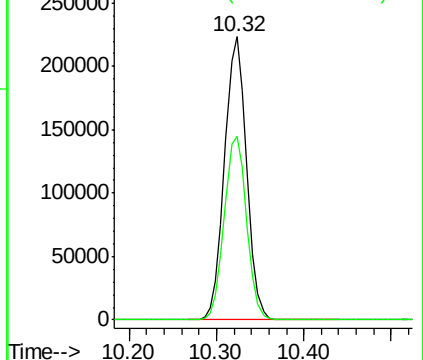
98 100

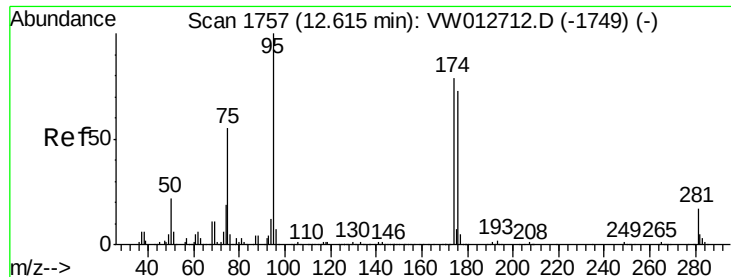
100 65.5 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

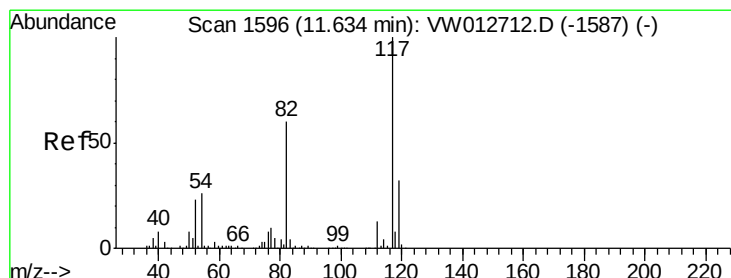
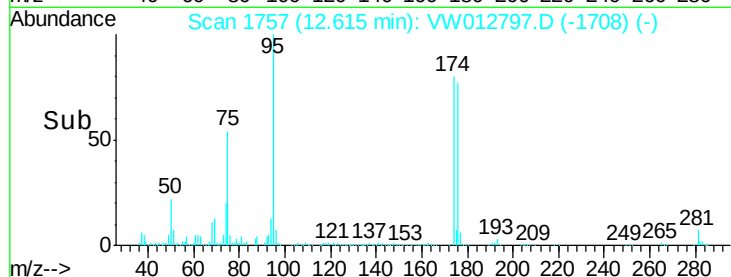
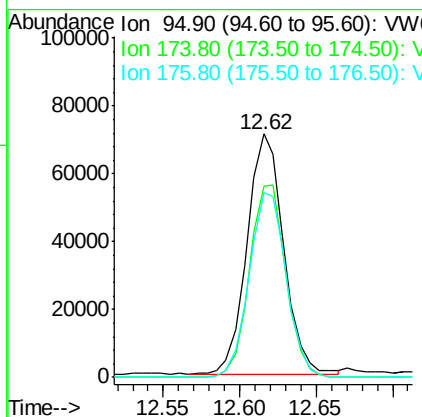
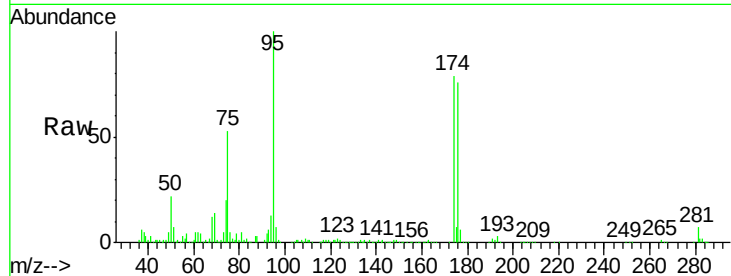




#62
4-Bromofluorobenzene
Concen: 41.926 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012797.D
Acq: 09 Sep 2019 03:50

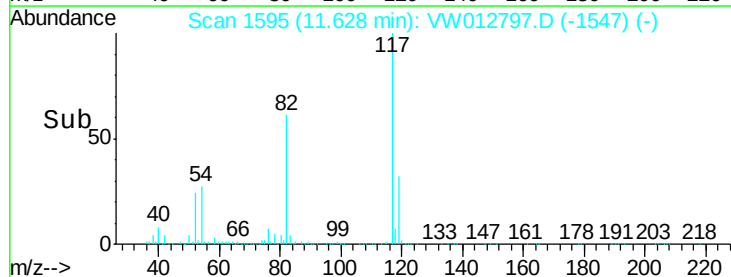
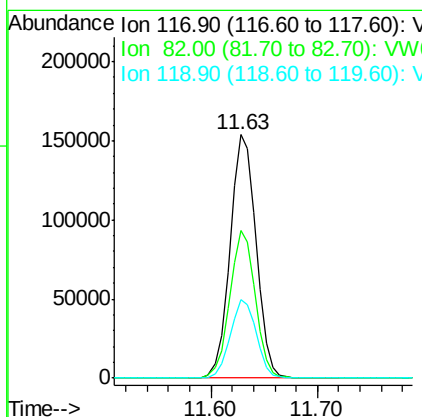
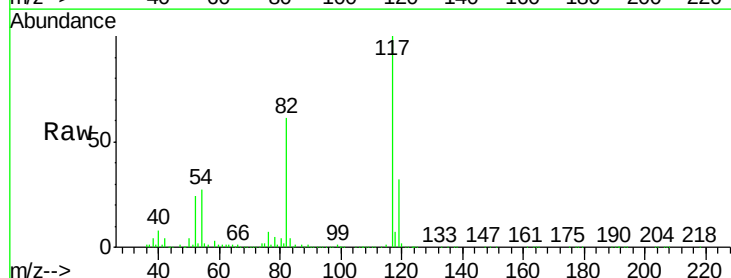
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D1-(0)

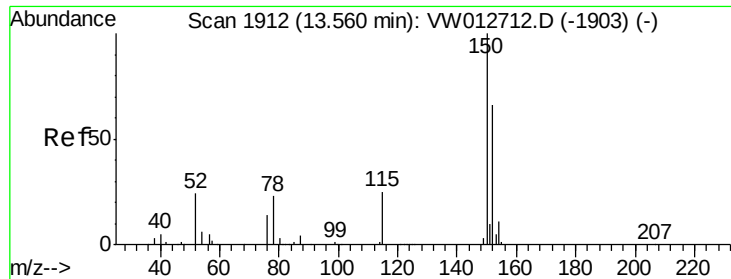
Tot Ion: 95 Resp: 117288
Ion Ratio Lower Upper
95 100
174 80.1 0.0 161.0
176 78.5 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012797.D
Acq: 09 Sep 2019 03:50

Tgt Ion: 117 Resp: 262957
Ion Ratio Lower Upper
117 100
82 60.6 48.2 72.4
119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012797.D

Acq: 09 Sep 2019 03:50

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-D1-(0)

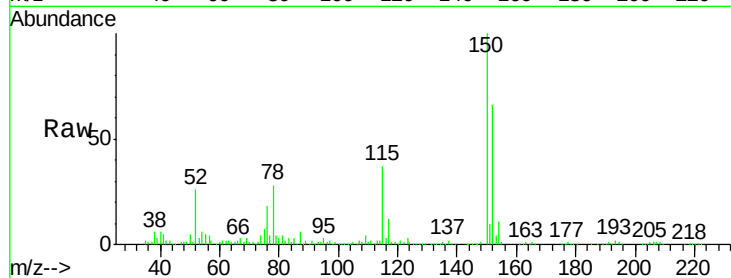
Tot Ion:152 Resp: 95734

Ion Ratio Lower Upper

152 100

115 57.8 30.0 90.1

150 157.1 0.0 349.0



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

