

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012803.D
 Acq On : 09 Sep 2019 06:25
 Operator : SY/VA
 Sample : K4623-15
 Misc : 4.61G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D3-(4)

Quant Time: Sep 09 07:59:30 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

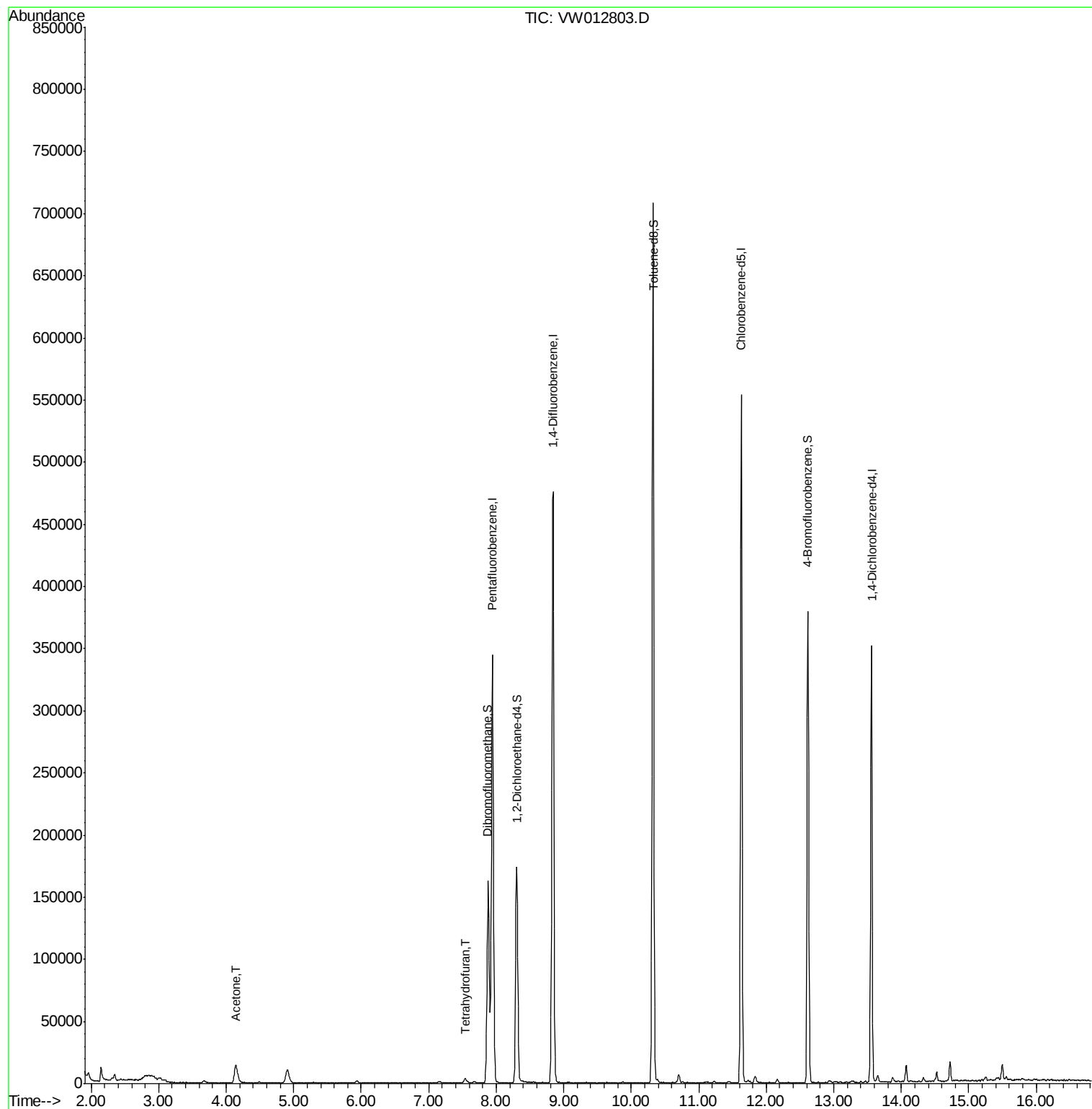
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	385502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	92477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146249	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.88	113	115210	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.32	98	453672	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.62	95	118447	36.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.68%	
Target Compounds						
16) Acetone	4.14	43	32423	41.518	ug/l	91
29) Tetrahydrofuran	7.54	42	2970	4.710	ug/l	93

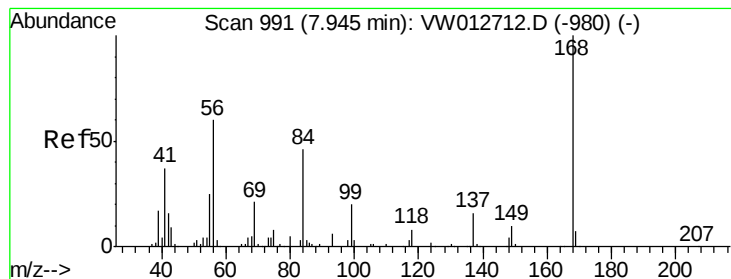
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012803.D

Acq: 09 Sep 2019 06:25

Instrument :

MSVOA_W

ClientSampled :

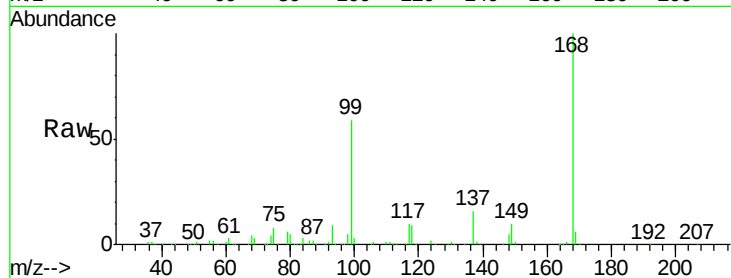
PAR-11-D3-(4)

Tot Ion:168 Resp: 256374

Ion Ratio Lower Upper

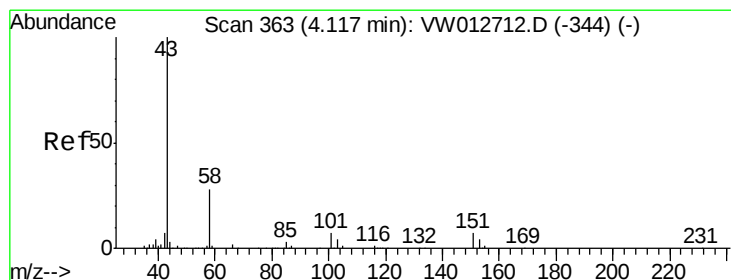
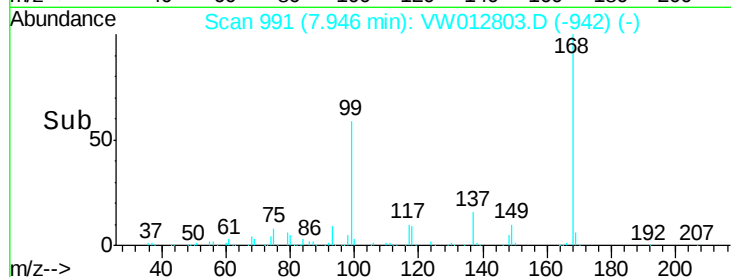
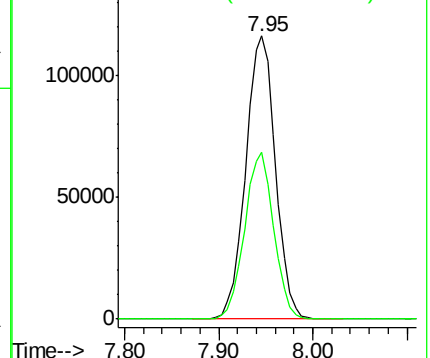
168 100

99 58.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 41.518 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012803.D

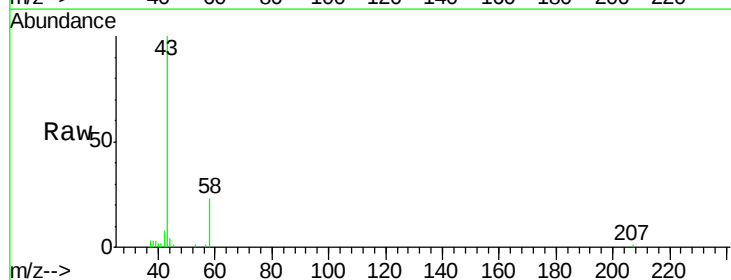
Acq: 09 Sep 2019 06:25

Tgt Ion: 43 Resp: 32423

Ion Ratio Lower Upper

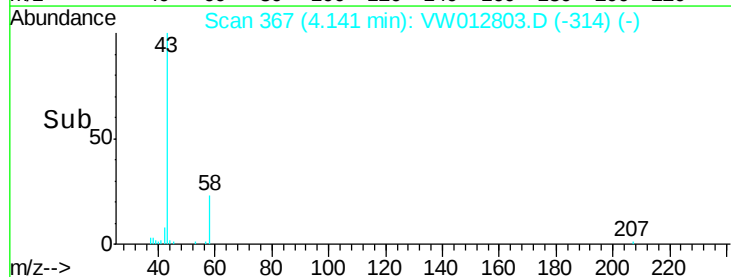
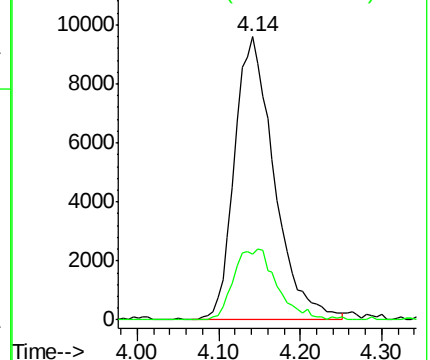
43 100

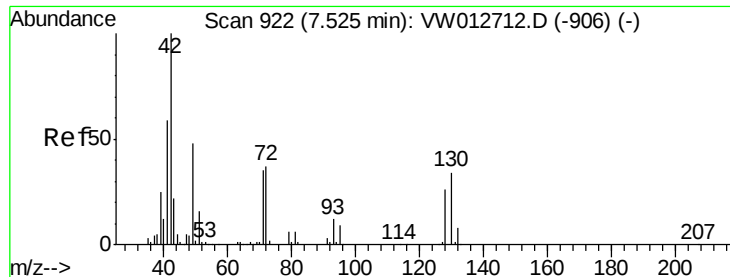
58 23.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

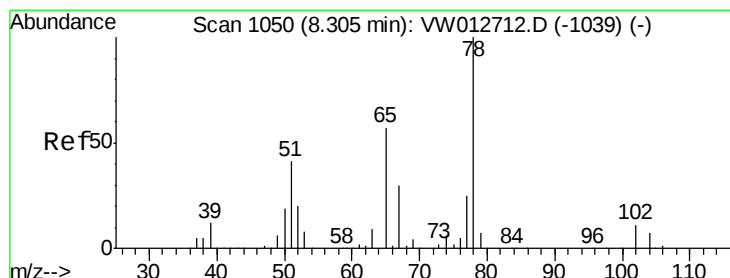
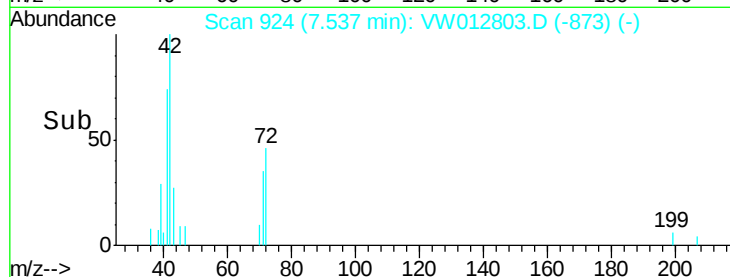
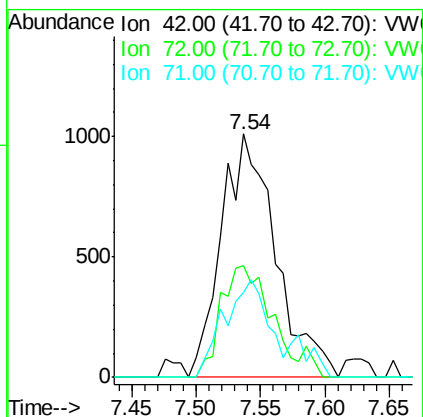
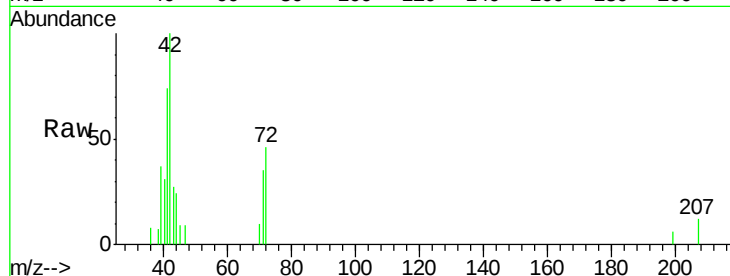




#29
Tetrahydrofuran
Concen: 4.710 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

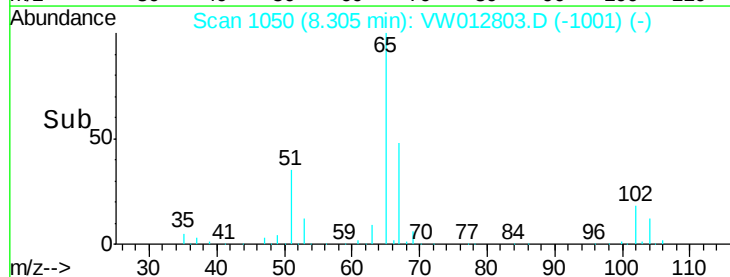
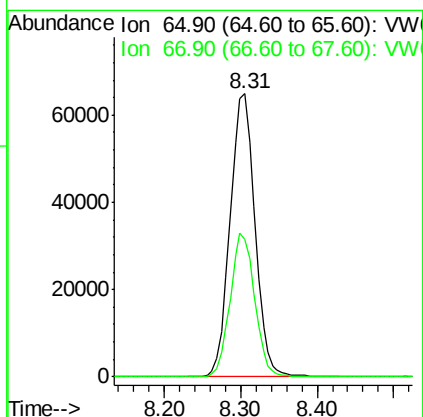
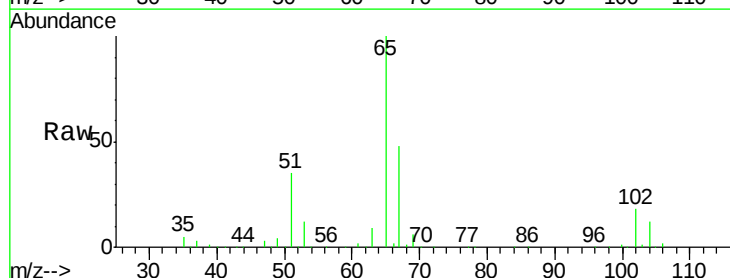
Instrument :
MSVOA_W
ClientSampled :
PAR-11-D3-(4)

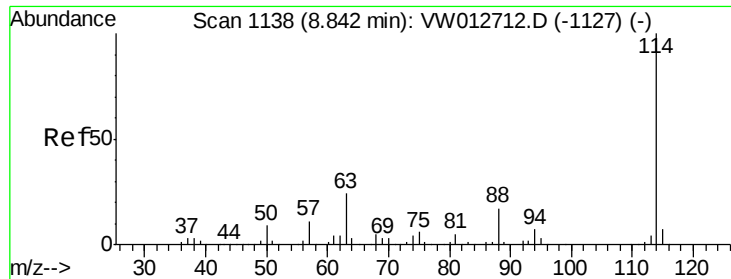
Tot Ion: 42 Resp: 2970
Ion Ratio Lower Upper
42 100
72 41.8 28.4 42.6
71 32.5 27.1 40.7



#33
1,2-Dichloroethane-d4
Concen: 51.055 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

Tgt Ion: 65 Resp: 146249
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8

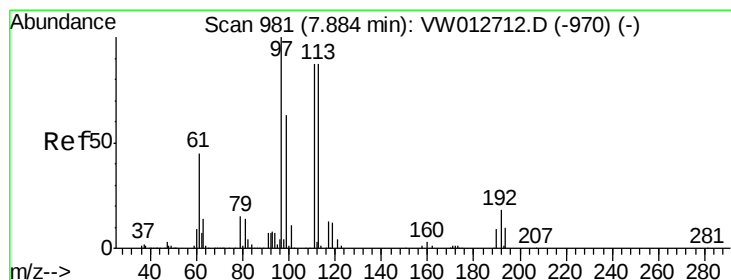
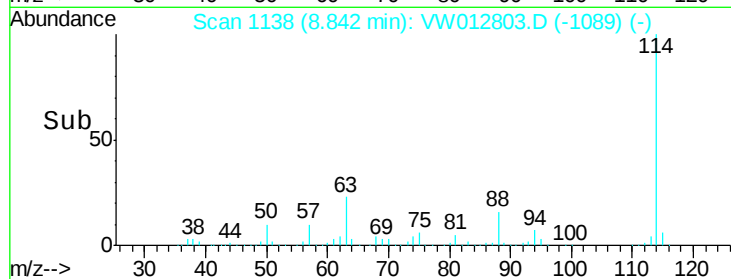
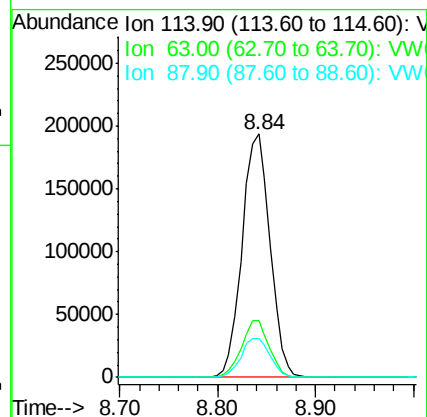
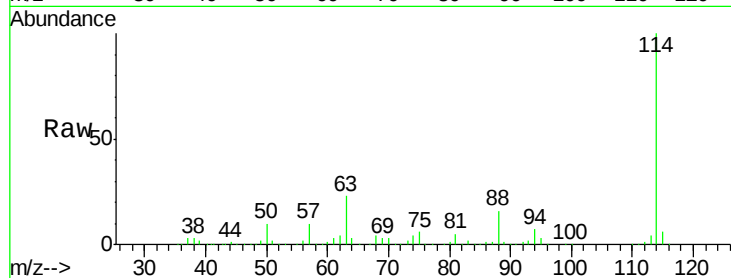




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

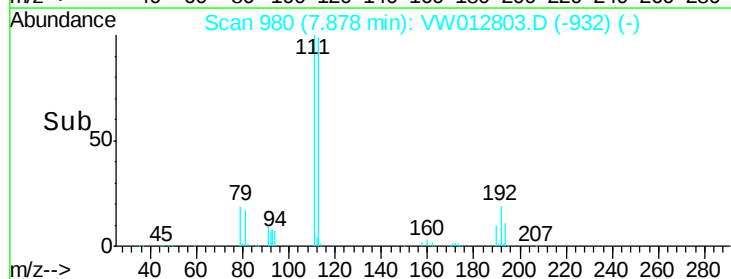
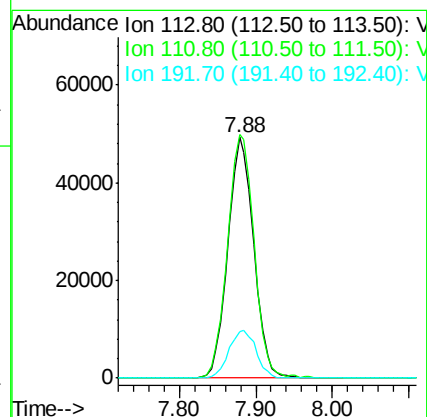
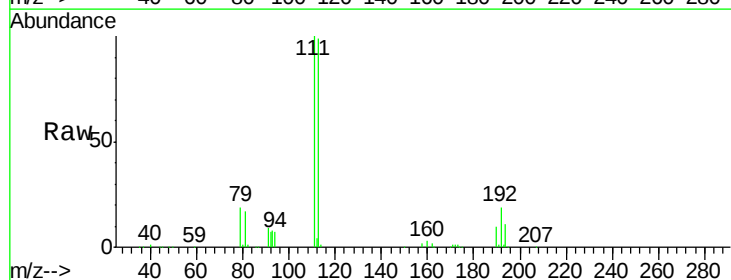
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D3-(4)

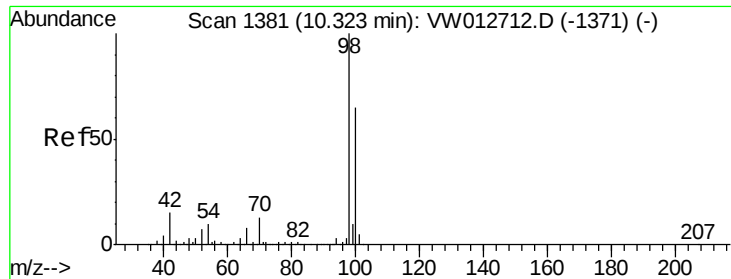
Tot Ion:114 Resp: 385502
Ion Ratio Lower Upper
114 100
63 23.2 0.0 47.2
88 16.0 0.0 34.0



#35
Dibromofluoromethane
Concen: 50.268 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

Tgt Ion:113 Resp: 115210
Ion Ratio Lower Upper
113 100
111 104.1 80.2 120.4
192 20.9 17.3 25.9





#50

Toluene-d8

Concen: 50.525 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012803.D

Acq: 09 Sep 2019 06:25

Instrument :

MSVOA_W

ClientSampleId :

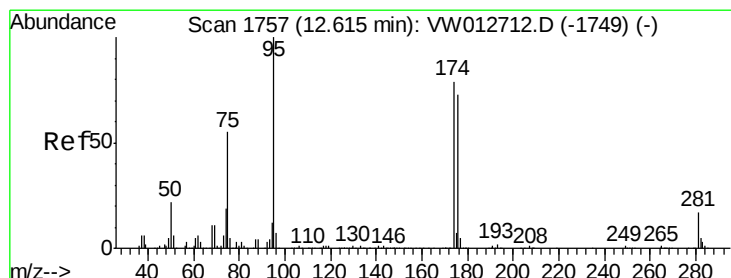
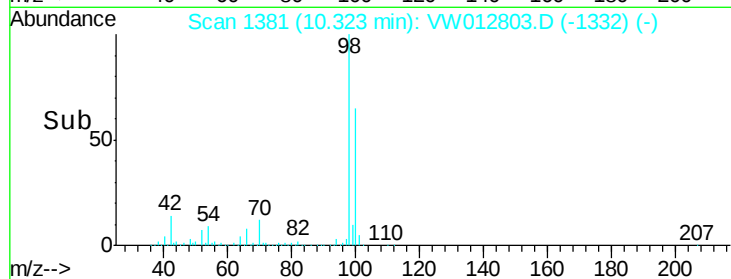
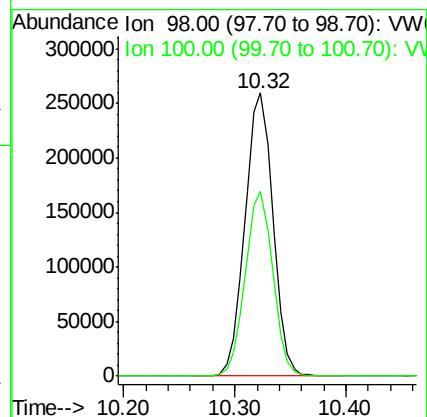
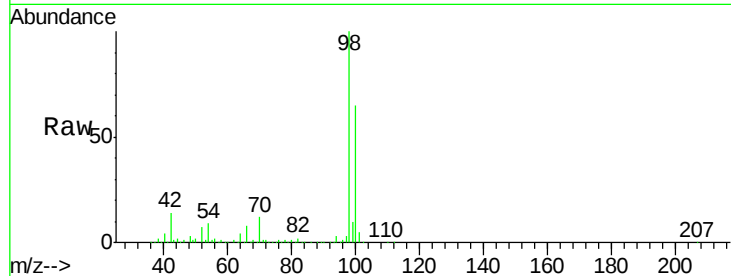
PAR-11-D3-(4)

Tot Ion: 98 Resp: 453672

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 36.337 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012803.D

Acq: 09 Sep 2019 06:25

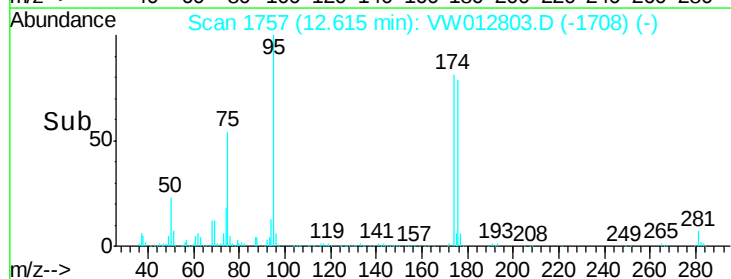
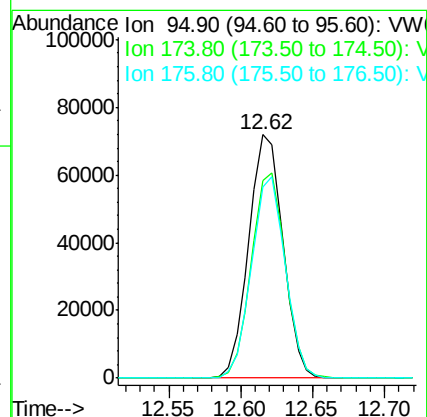
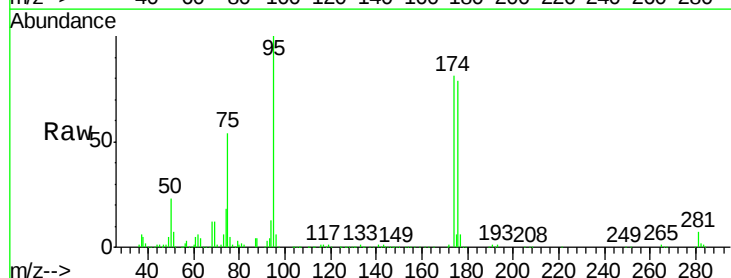
Tgt Ion: 95 Resp: 118447

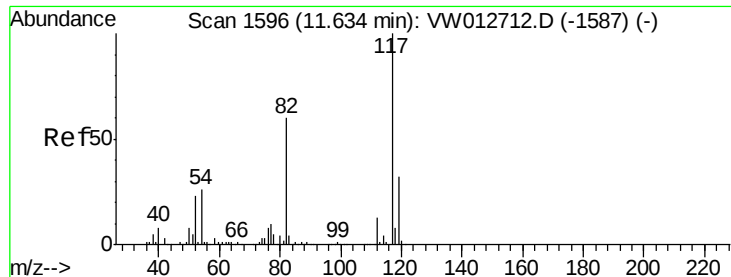
Ion Ratio Lower Upper

95 100

174 83.4 0.0 161.0

176 81.4 0.0 156.4

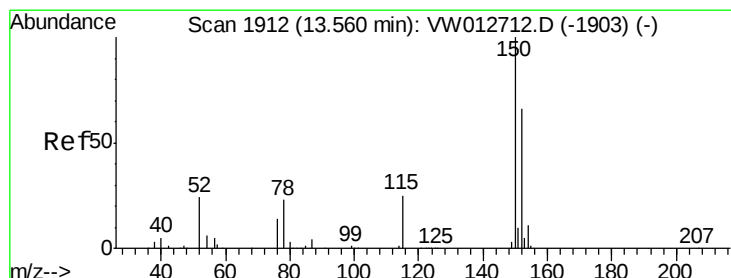
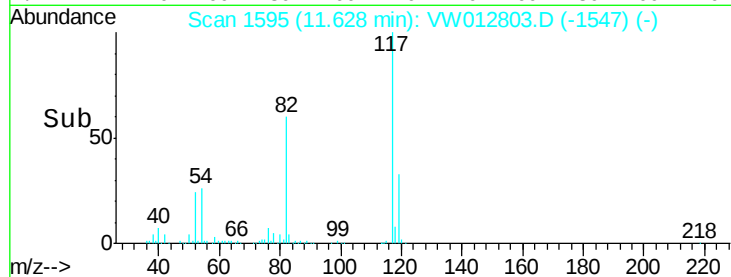
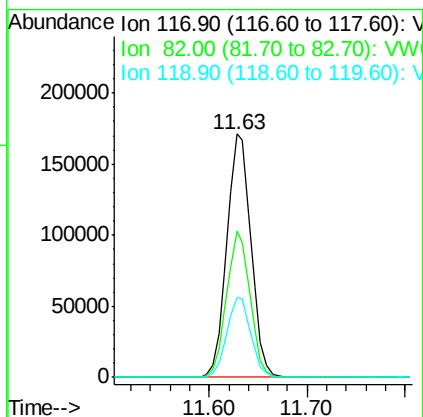
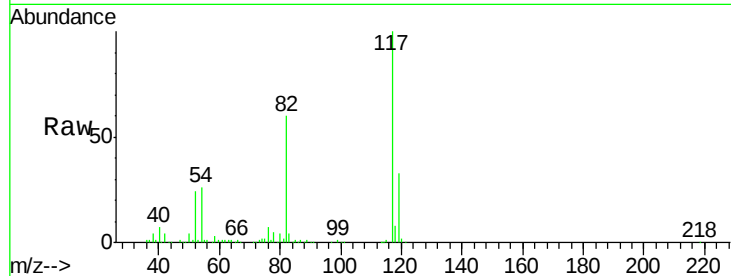




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012803.D
Acq: 09 Sep 2019 06:25

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D3-(4)

Tot Ion:117 Resp: 292733
Ion Ratio Lower Upper
117 100
82 60.2 48.2 72.4
119 32.7 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: VW012803.D
Acq: 09 Sep 2019 06:25

Tgt Ion:152 Resp: 92477
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.1
150 153.3 0.0 349.0

