

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013073.D
 Acq On : 17 Sep 2019 06:40
 Operator : SY/VA
 Sample : K4893-01
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200059-RT-1494

Quant Time: Sep 17 08:51:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

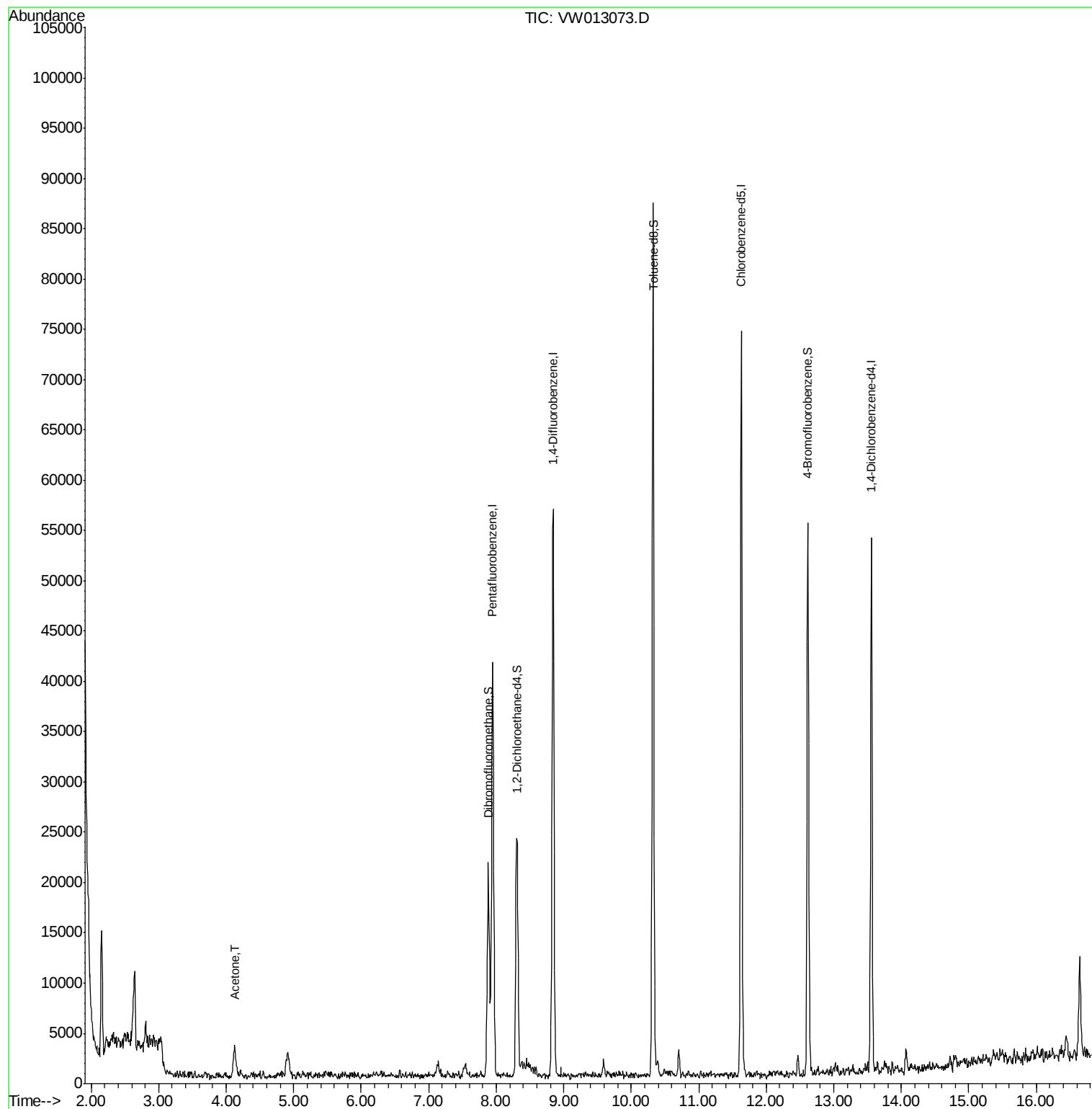
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	32366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	47231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	40396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	14710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	19517	65.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.58%	
35) Dibromofluoromethane	7.88	113	15428	60.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.40%	
50) Toluene-d8	10.32	98	56007	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.70%	
62) 4-Bromofluorobenzene	12.62	95	16798	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
Target Compounds						
16) Acetone	4.13	43	5565	71.868	ug/l	Qvalue 97

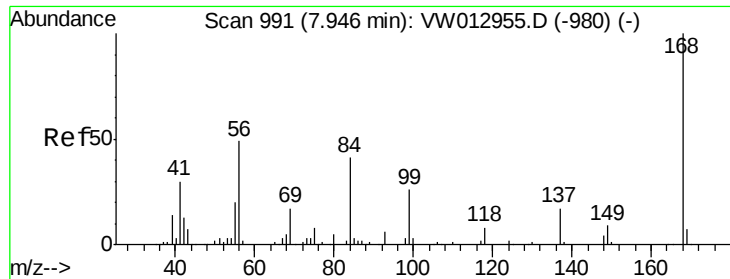
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013073.D

Acq: 17 Sep 2019 06:40

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MSVOA_W

ClientSampleId :

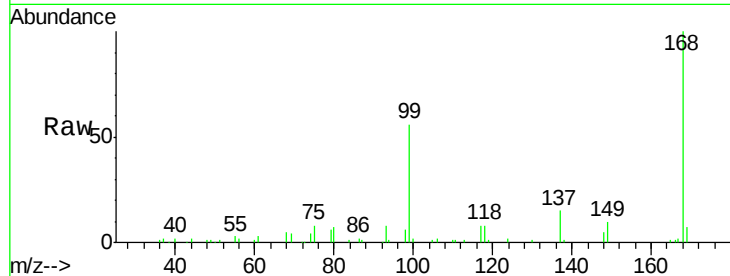
RBR-200059-RT-1494

Tot Ion:168 Resp: 32366

Ion Ratio Lower Upper

168 100

99 56.4 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

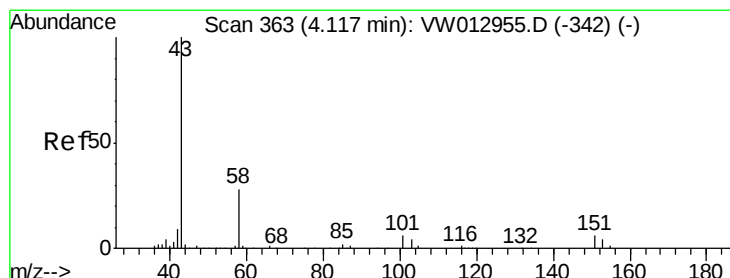
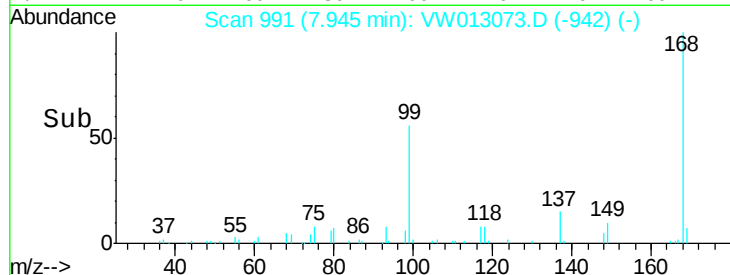
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 71.868 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013073.D

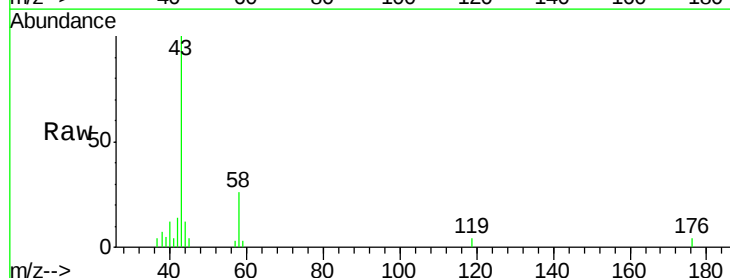
Acq: 17 Sep 2019 06:40

Tgt Ion: 43 Resp: 5565

Ion Ratio Lower Upper

43 100

58 26.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2000

1500

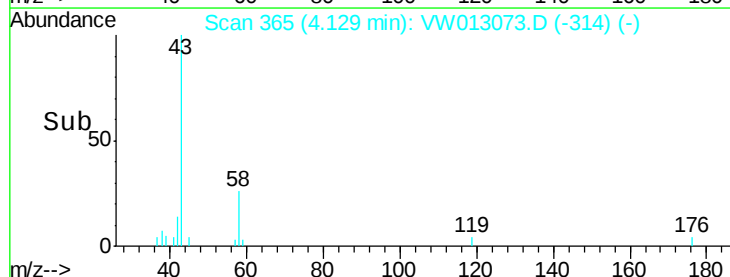
1000

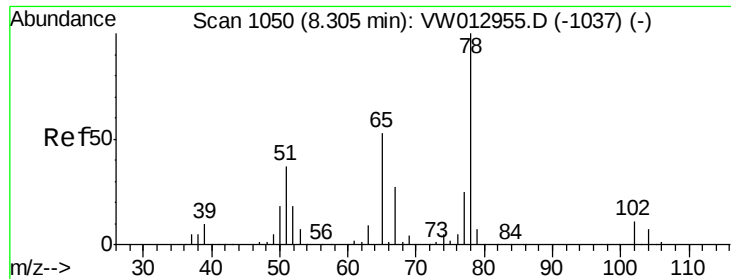
500

0

4.00 4.05 4.10 4.15 4.20

Time-->

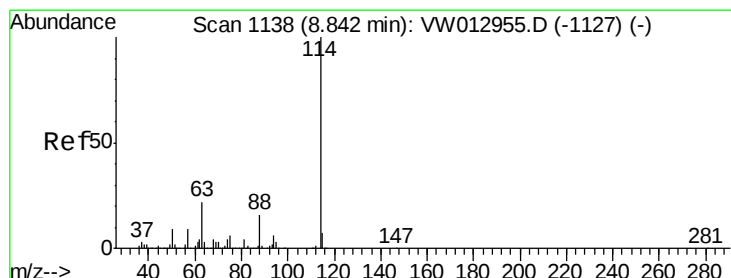
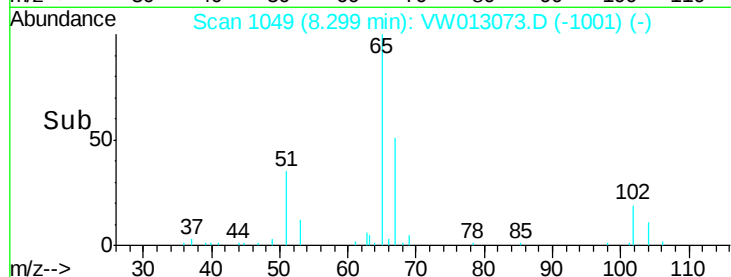
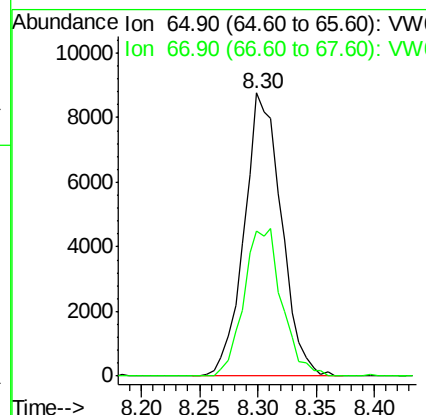
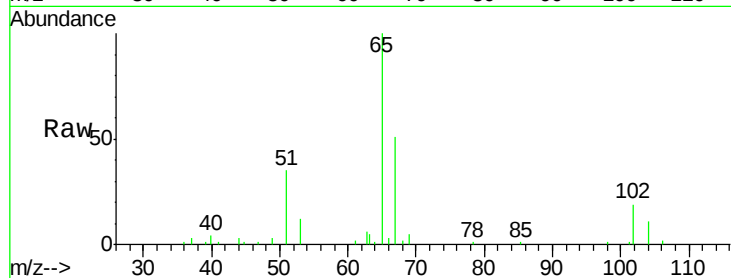




#33
 1,2-Dichloroethane-d4
 Concen: 65.291 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013073.D
 Acq: 17 Sep 2019 06:40

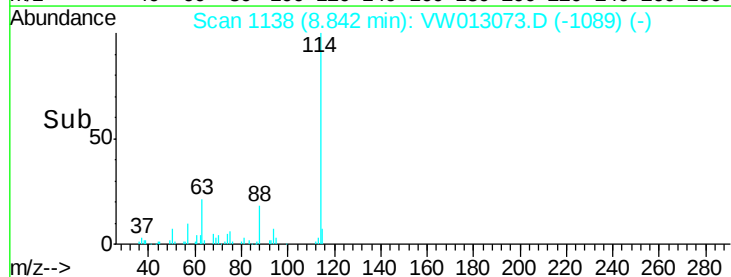
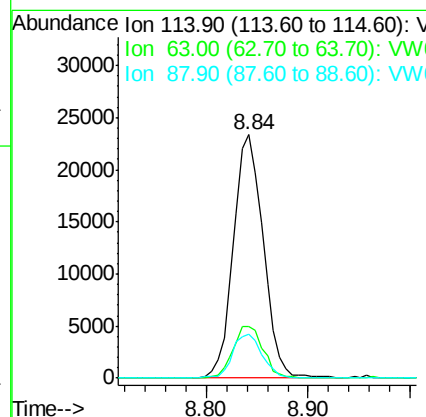
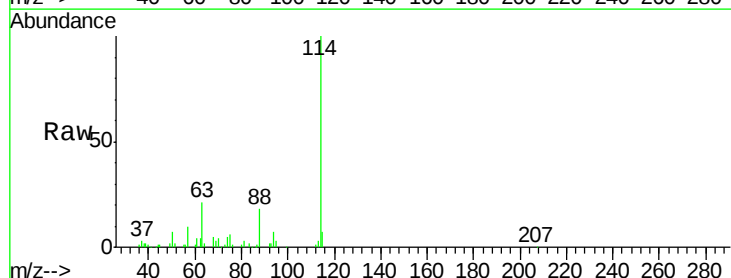
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200059-RT-1494

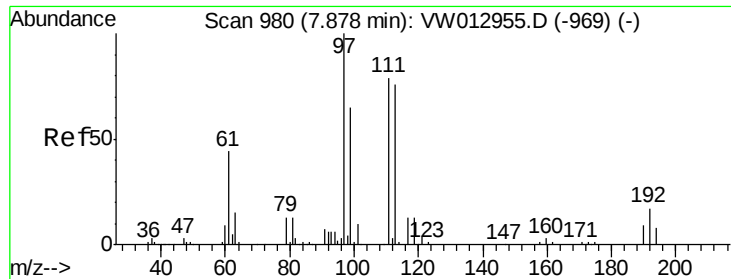
Tot Ion: 65 Resp: 19517
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013073.D
 Acq: 17 Sep 2019 06:40

Tgt Ion: 114 Resp: 47231
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.4
 88 18.2 0.0 31.6

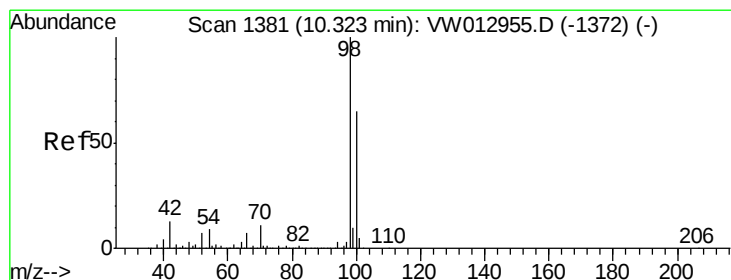
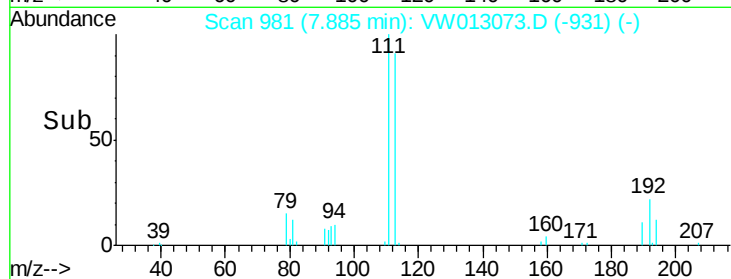
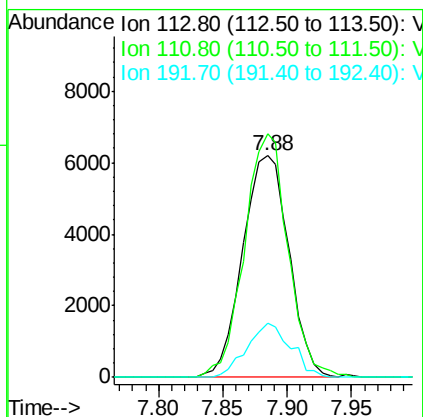
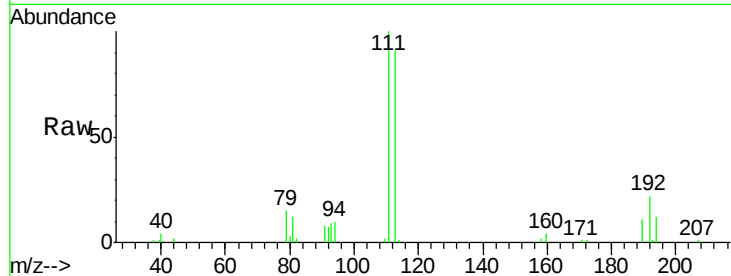




#35
 Dibromofluoromethane
 Concen: 60.200 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013073.D
 Acq: 17 Sep 2019 06:40

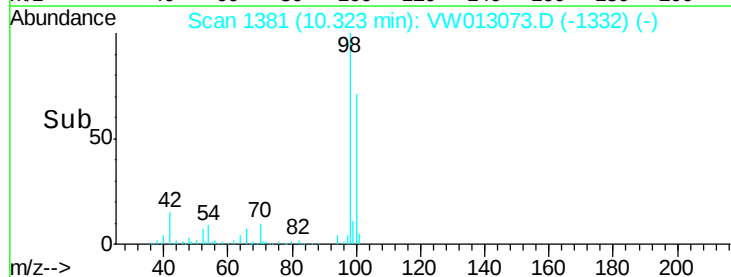
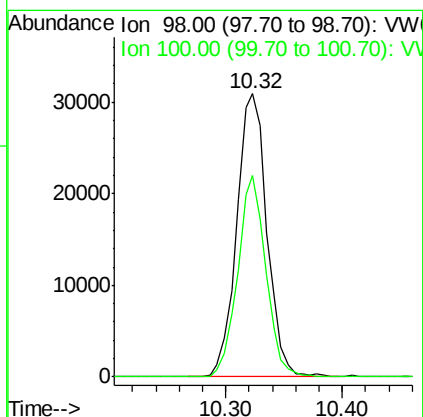
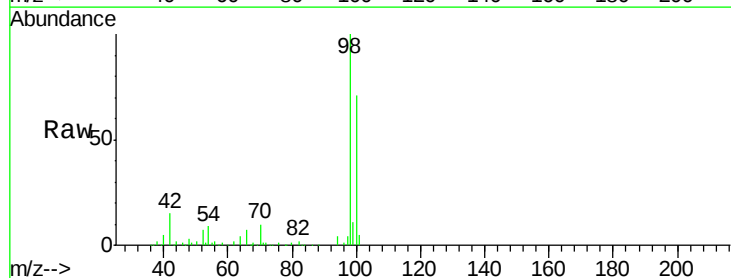
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200059-RT-1494

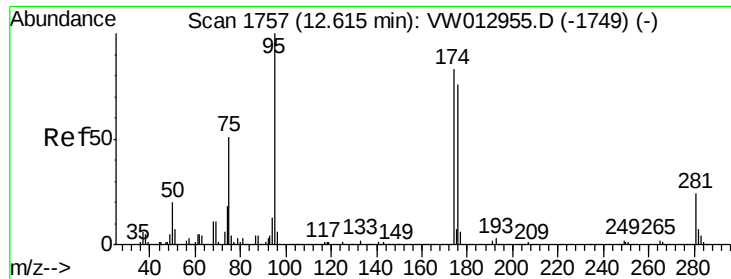
Tot Ion:113 Resp: 15428
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 23.1 17.8 26.8



#50
 Toluene-d8
 Concen: 55.847 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013073.D
 Acq: 17 Sep 2019 06:40

Tgt Ion: 98 Resp: 56007
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.1 78.1

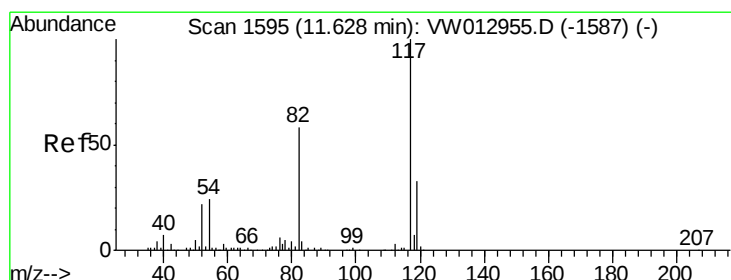
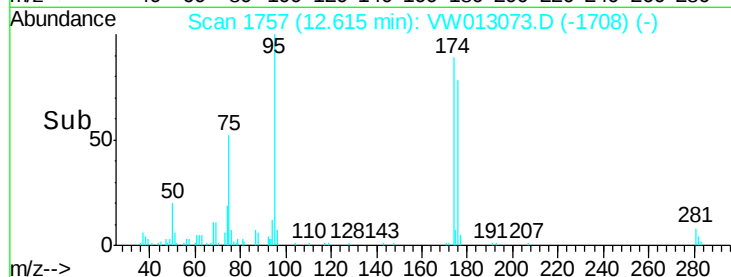
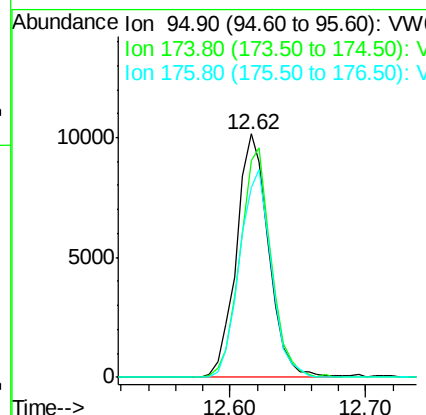
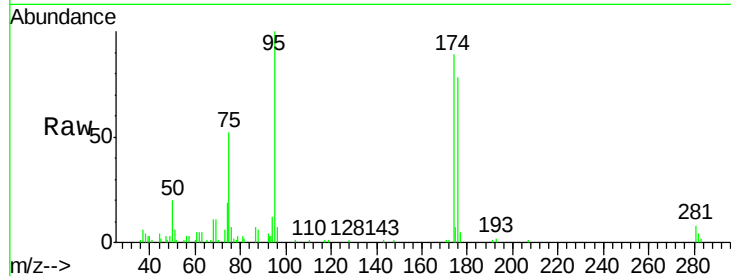




#62
4-Bromofluorobenzene
Concen: 46.583 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013073.D
Acq: 17 Sep 2019 06:40

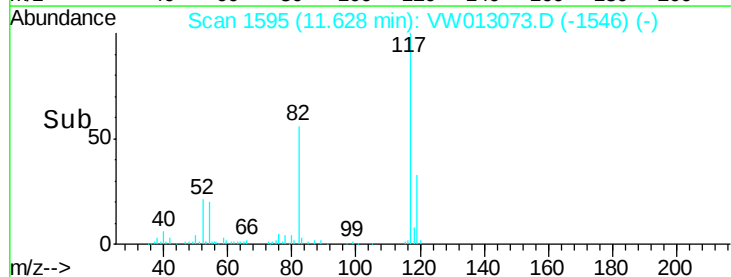
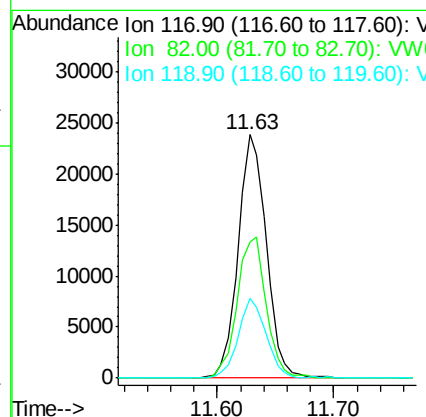
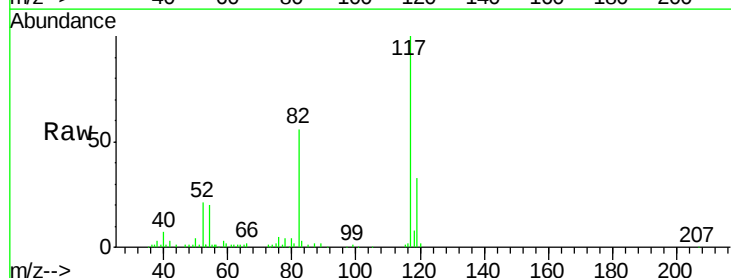
Instrument :
MSVOA_W
ClientSampleId :
RBR-200059-RT-1494

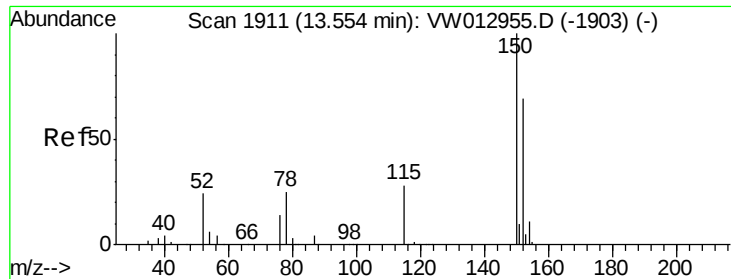
Tot Ion: 95 Resp: 16798
Ion Ratio Lower Upper
95 100
174 90.2 0.0 170.4
176 83.6 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013073.D
Acq: 17 Sep 2019 06:40

Tgt Ion: 117 Resp: 40396
Ion Ratio Lower Upper
117 100
82 56.1 46.3 69.5
119 32.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013073.D

Acq: 17 Sep 2019 06:40

Instrument :

MSVOA_W

ClientSampleId :

RBR-200059-RT-1494

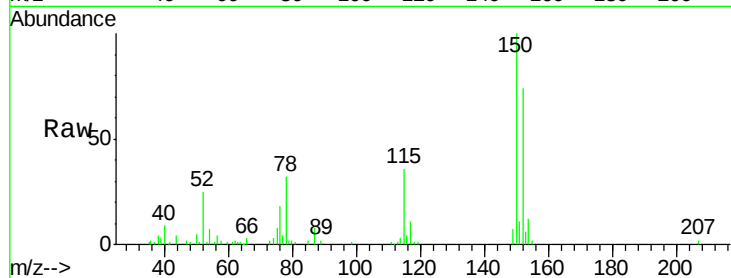
Tot Ion:152 Resp: 14710

Ion Ratio Lower Upper

152 100

115 52.9 28.8 86.4

150 151.6 0.0 340.2



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

