

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004629.D
 Acq On : 11 Aug 2018 06:43
 Operator : SY/AP
 Sample : J4427-01
 Misc : 5.85G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB47197

Quant Time: Aug 13 00:56:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	38331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	55246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	42901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	11095	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	18626	43.90	ug/l	0.00
Spiked Amount			Recovery	=	87.80%	
35) Dibromofluoromethane	7.88	113	18611	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
50) Toluene-d8	10.33	98	53964	38.43	ug/l	0.00
Spiked Amount			Recovery	=	76.86%	
62) 4-Bromofluorobenzene	12.63	95	12738	25.18	ug/l	0.00
Spiked Amount			Recovery	=	50.36%	

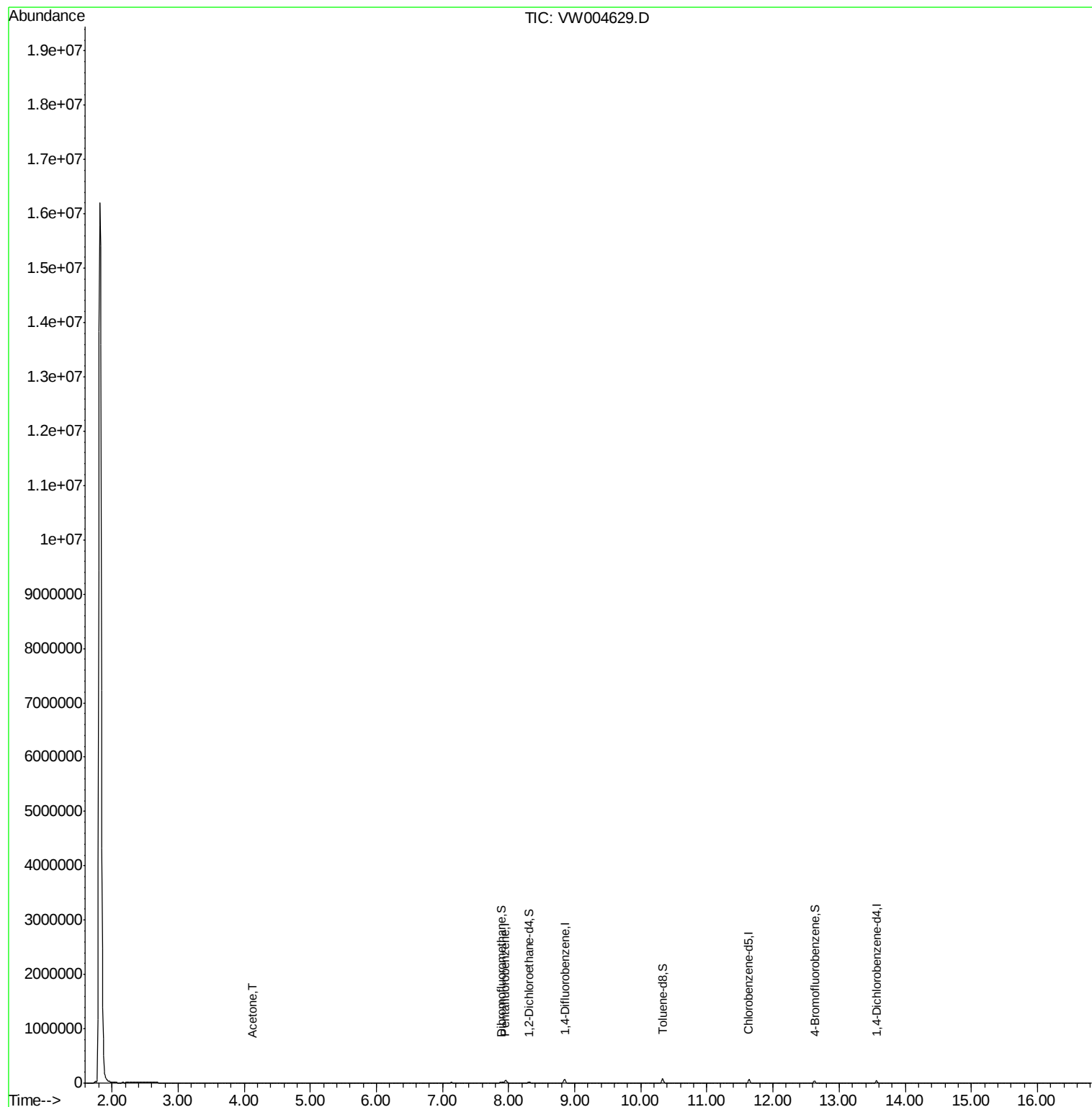
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	9038	85.29	ug/l	89

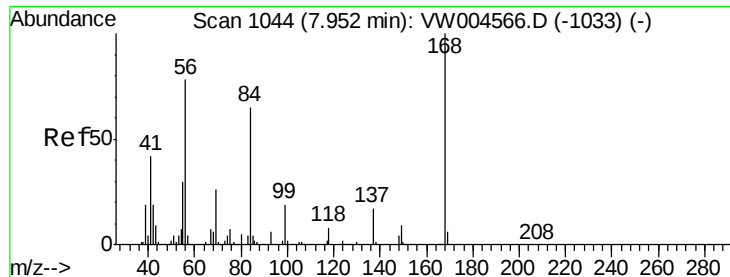
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW004629.D

Acq: 11 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

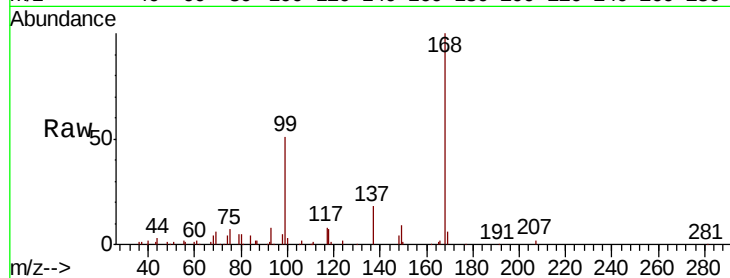
RB47197

Tot Ion:168 Resp: 38331

Ion Ratio Lower Upper

168 100

99 50.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

15000

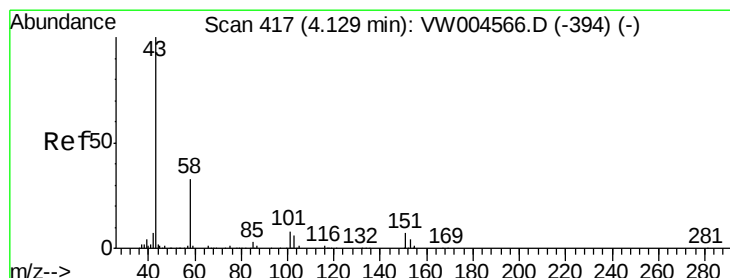
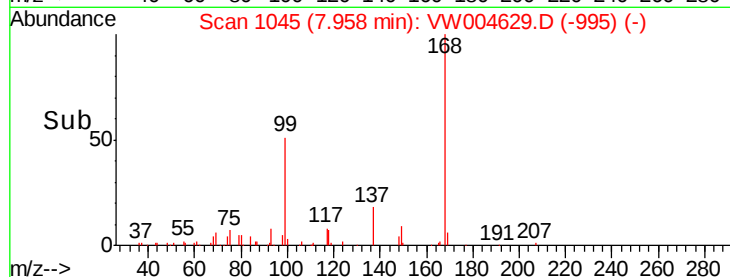
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 85.29 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW004629.D

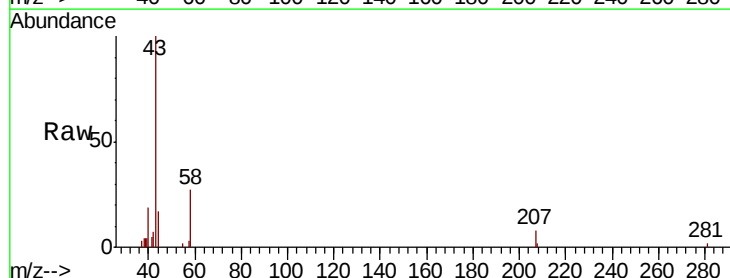
Acq: 11 Aug 2018 06:43

Tgt Ion: 43 Resp: 9038

Ion Ratio Lower Upper

43 100

58 27.4 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

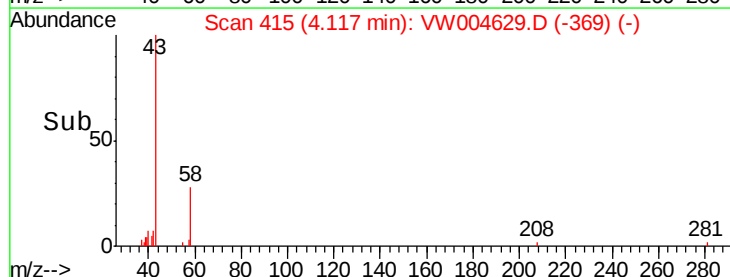
2000

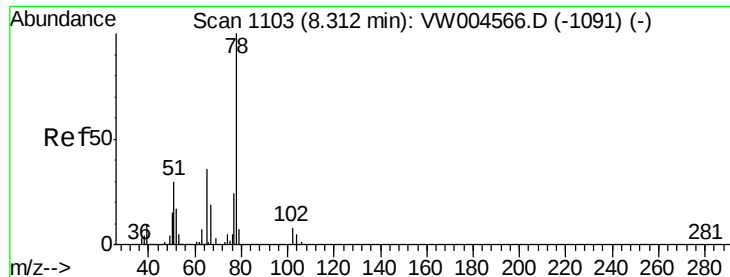
1000

0

Time-->

4.05 4.10 4.15 4.20





#33

1,2-Dichloroethane-d4

Concen: 43.90 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004629.D

Acq: 11 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

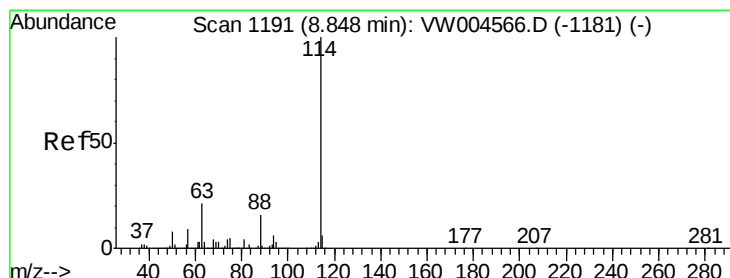
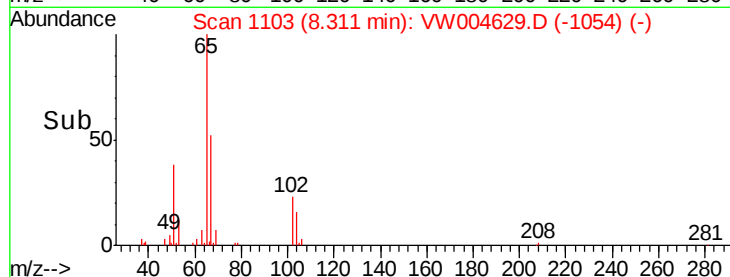
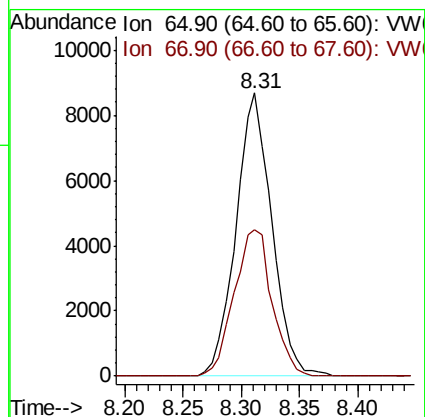
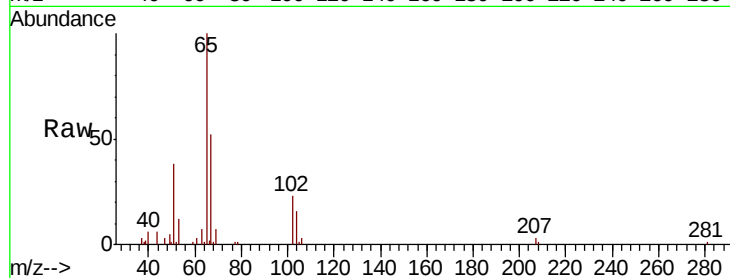
RB47197

Tot Ion: 65 Resp: 18626

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004629.D

Acq: 11 Aug 2018 06:43

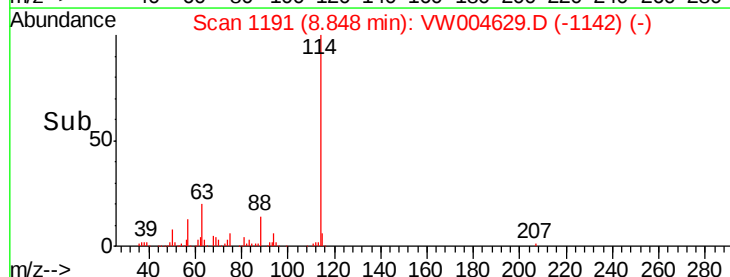
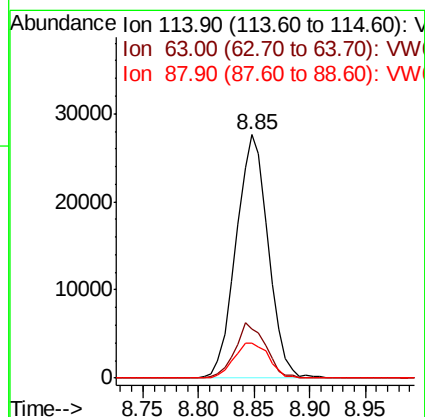
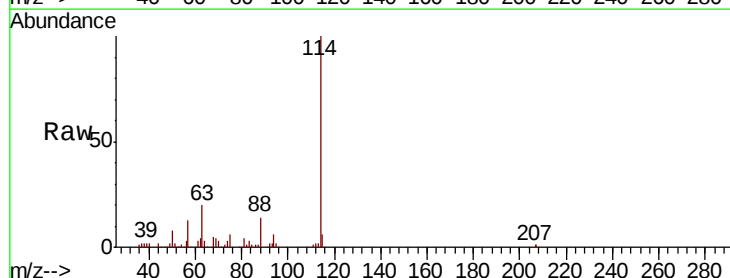
Tgt Ion: 114 Resp: 55246

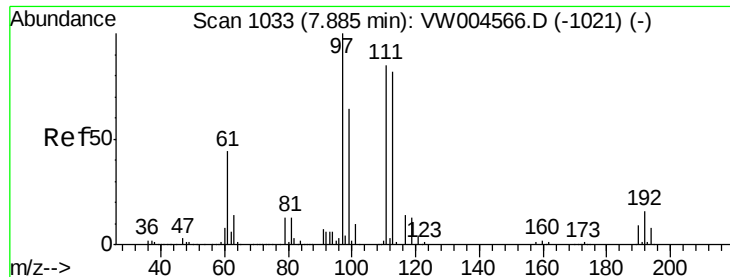
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 14.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.52 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004629.D

Acq: 11 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

RB47197

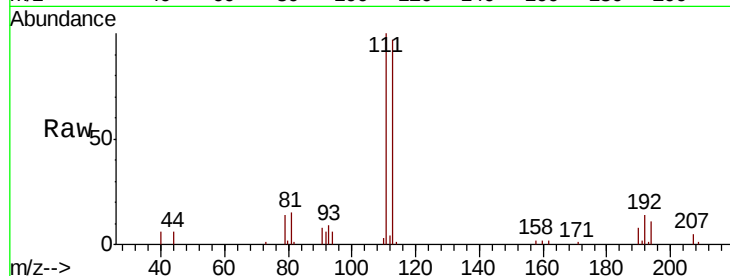
Tot Ion:113 Resp: 18611

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

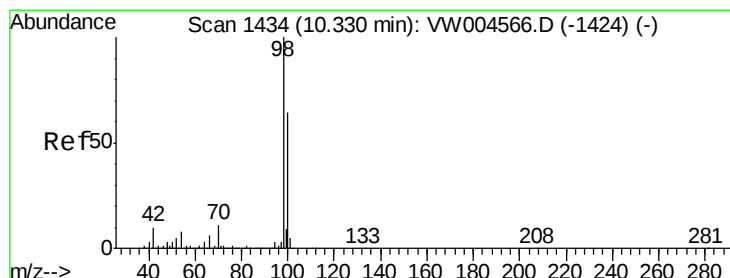
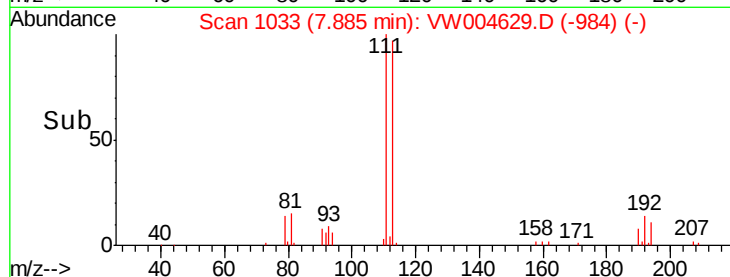
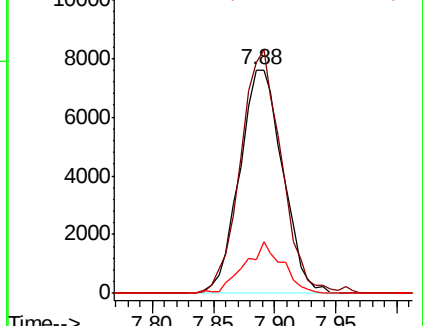
192 20.6 15.8 23.6



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: 38.43 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004629.D

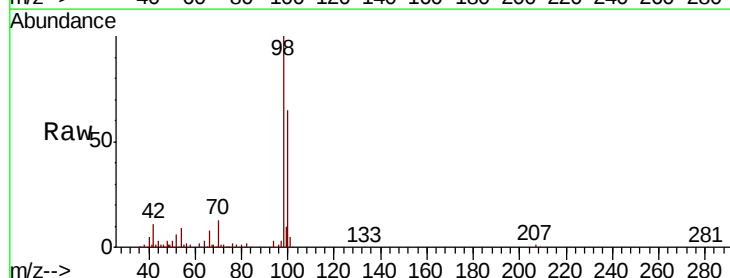
Acq: 11 Aug 2018 06:43

Tgt Ion: 98 Resp: 53964

Ion Ratio Lower Upper

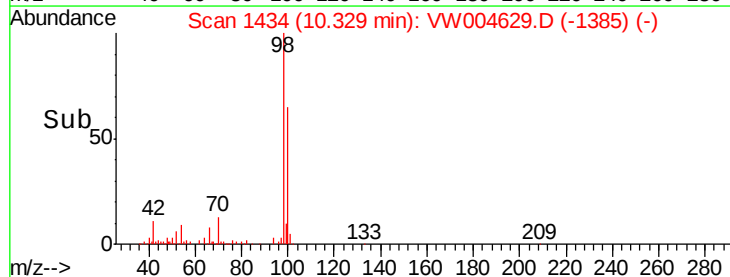
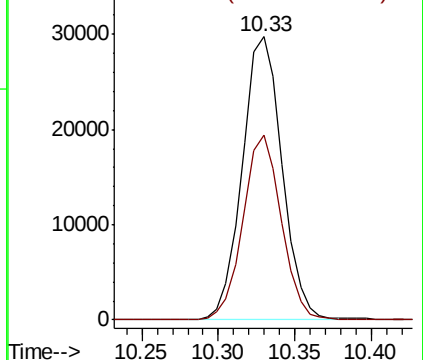
98 100

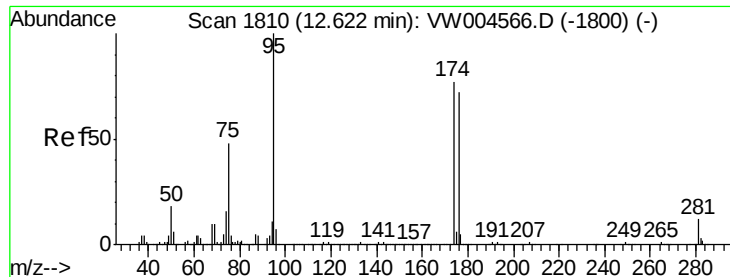
100 62.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

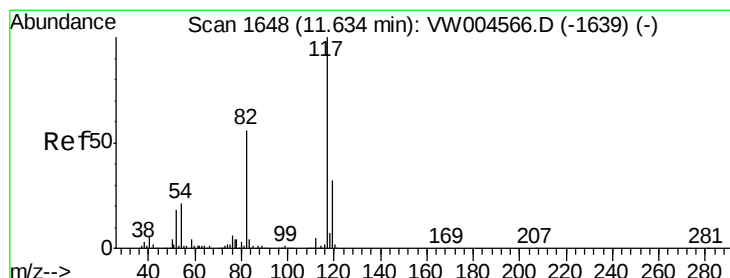
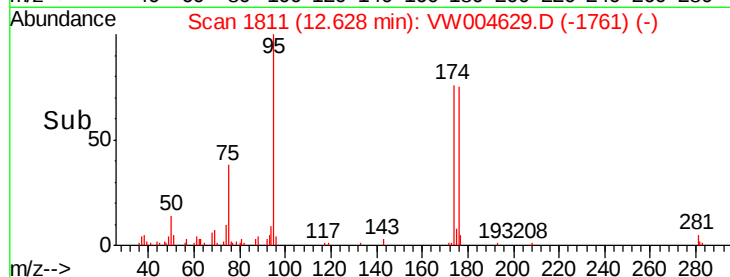
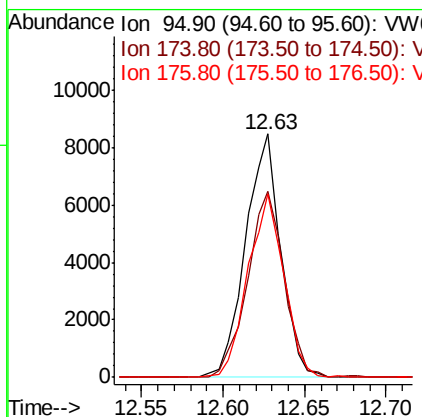
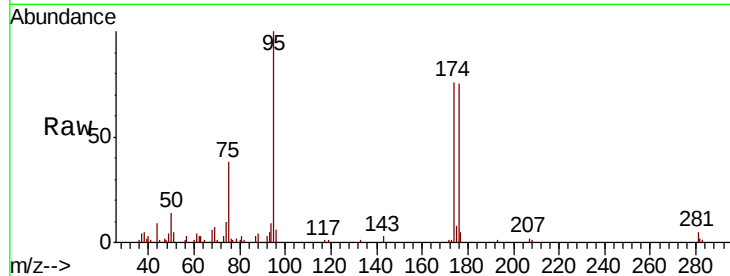




#62
4-Bromofluorobenzene
Concen: 25.18 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004629.D
Acq: 11 Aug 2018 06:43

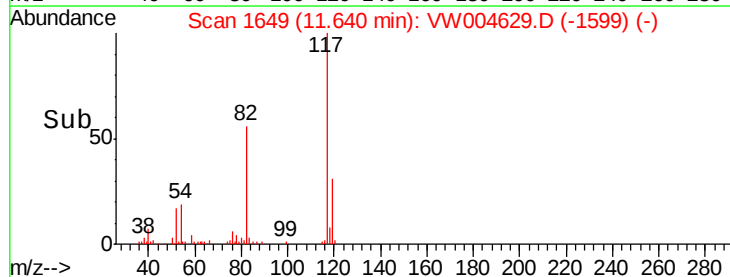
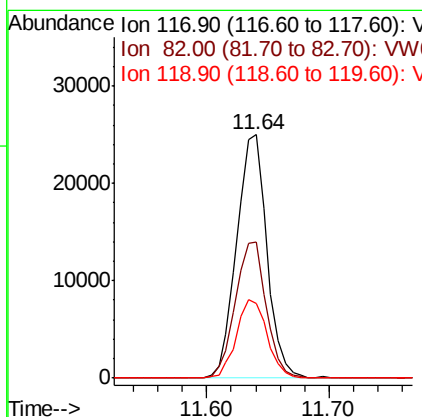
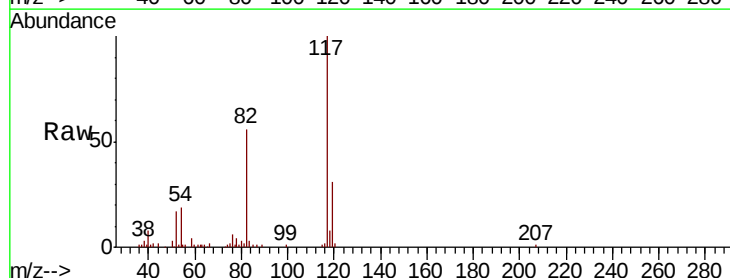
Instrument :
MSVOA_W
ClientSampled :
RB47197

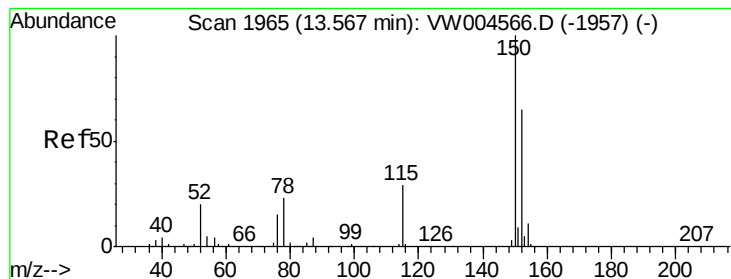
Tot Ion: 95 Resp: 12738
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.4
176 77.0 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004629.D
Acq: 11 Aug 2018 06:43

Tgt Ion: 117 Resp: 42901
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 30.8 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004629.D

Acq: 11 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

RB47197

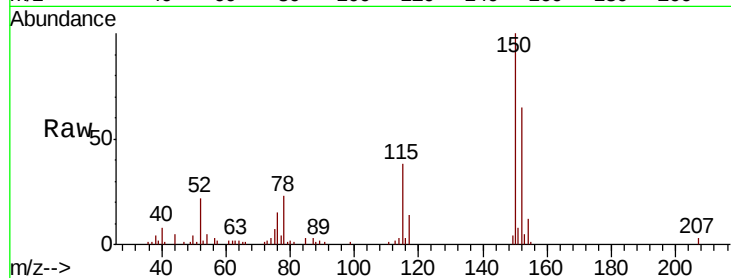
Tot Ion:152 Resp: 11095

Ion Ratio Lower Upper

152 100

115 59.7 29.1 87.3

150 157.9 0.0 349.6



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

