

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110318\
 Data File : VW006587.D
 Acq On : 02 Nov 2018 05:02
 Operator : SY/AP
 Sample : J5205-09RE
 Misc : 4.97G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-103018-BRE

Quant Time: Nov 02 08:58:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

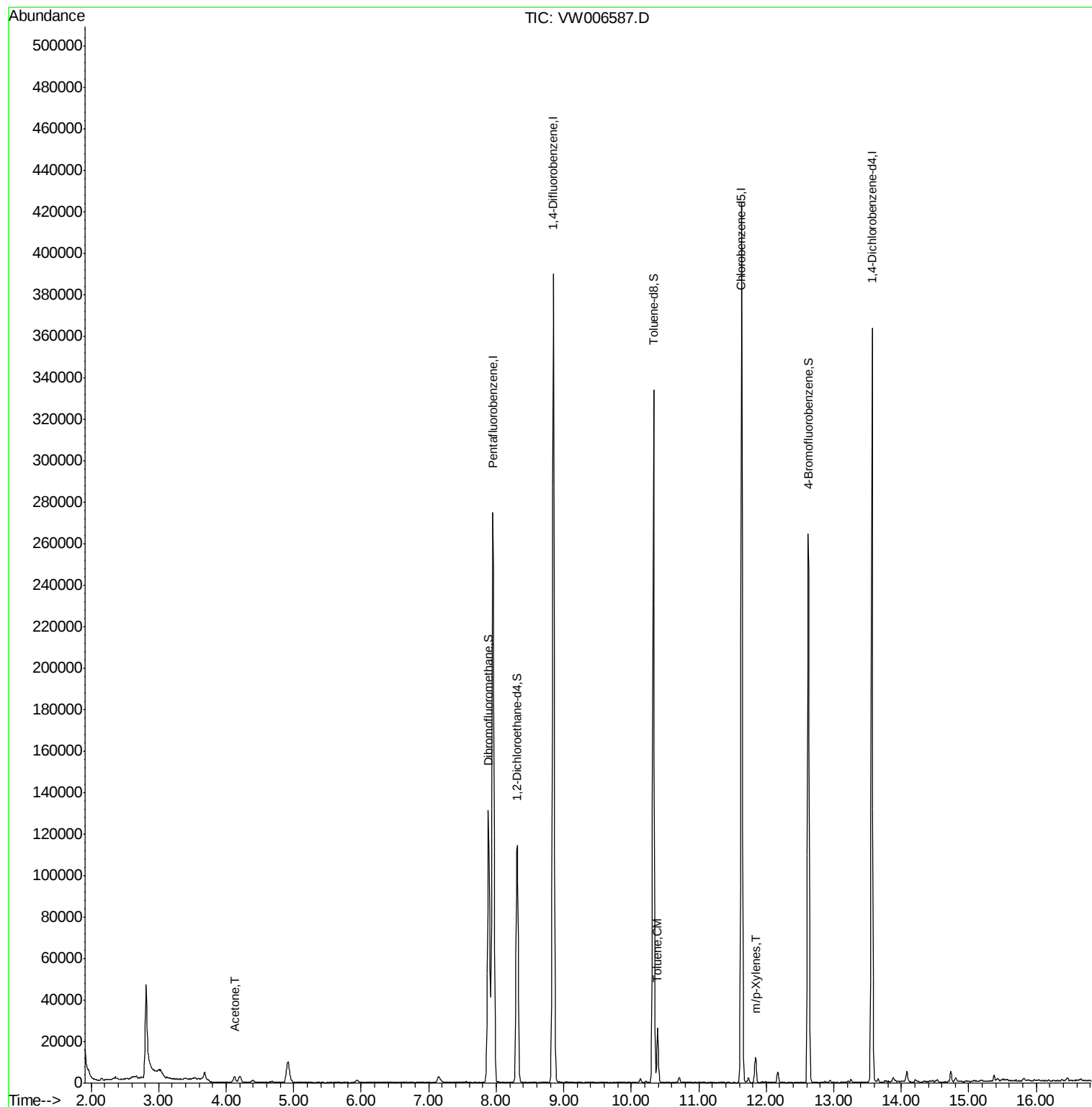
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	104397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92010	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
35) Dibromofluoromethane	7.88	113	92369	42.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.78%	
50) Toluene-d8	10.32	98	233297	28.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.24%	
62) 4-Bromofluorobenzene	12.62	95	79653	26.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.98%	
Target Compounds						
16) Acetone	4.12	43	5064	16.060	ug/l	95
52) Toluene	10.39	92	11291	1.941	ug/l	98
68) m/p-Xylenes	11.84	106	4197	1.189	ug/l	88

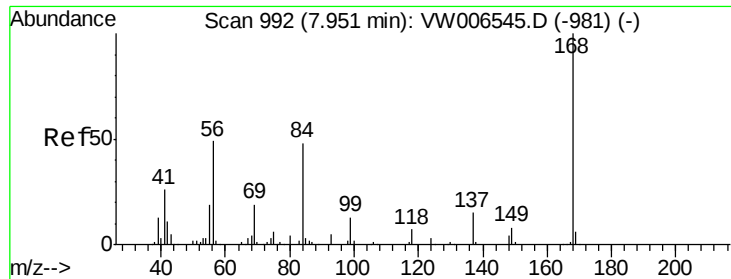
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006587.D

Acq: 02 Nov 2018 05:02

Instrument :

MSVOA_W

ClientSampleId :

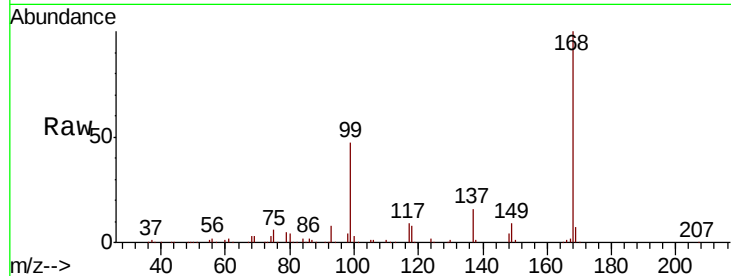
TR-04-103018-BRE

Tot Ion:168 Resp: 227205

Ion Ratio Lower Upper

168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

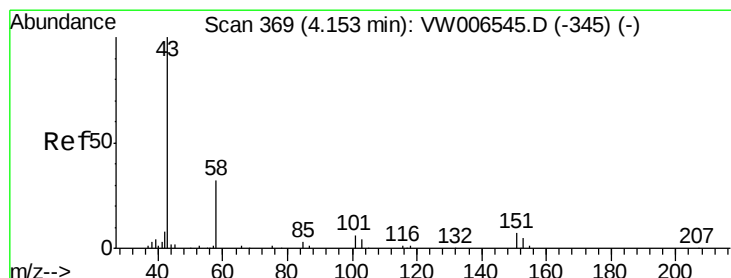
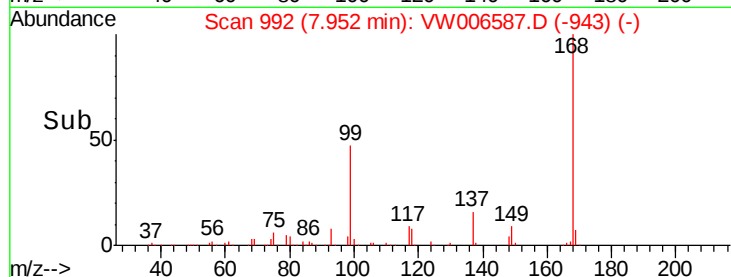
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 16.060 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006587.D

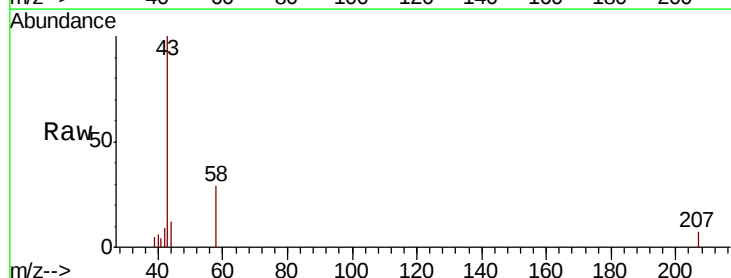
Acq: 02 Nov 2018 05:02

Tgt Ion: 43 Resp: 5064

Ion Ratio Lower Upper

43 100

58 29.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

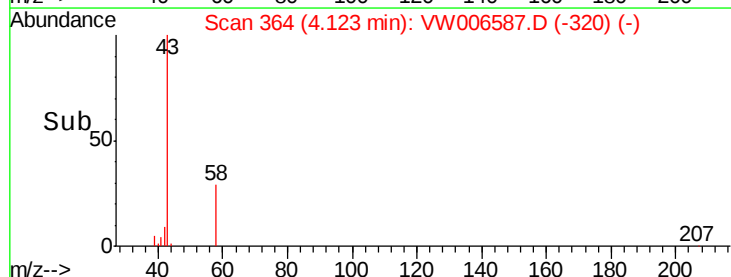
1500

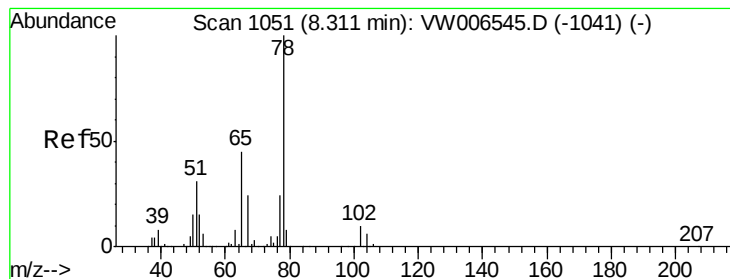
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.111 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006587.D

Acq: 02 Nov 2018 05:02

Instrument :

MSVOA_W

ClientSampleId :

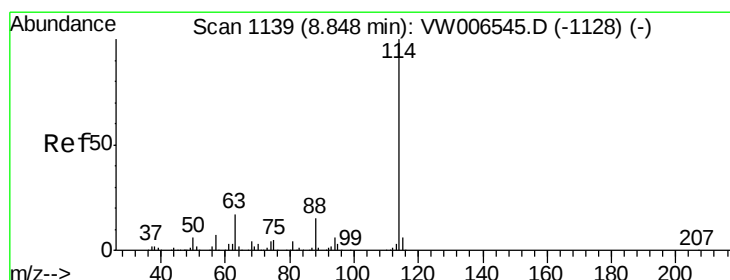
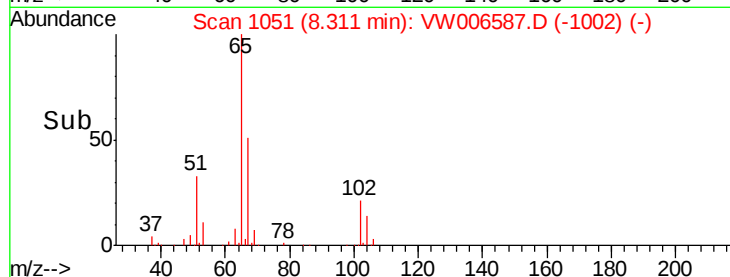
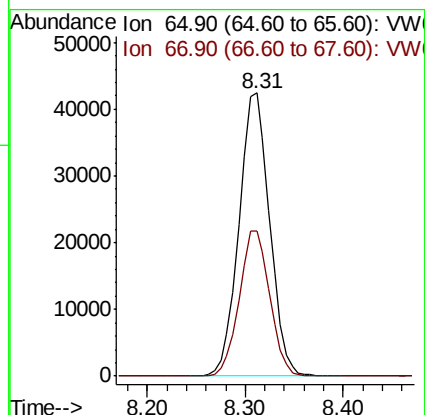
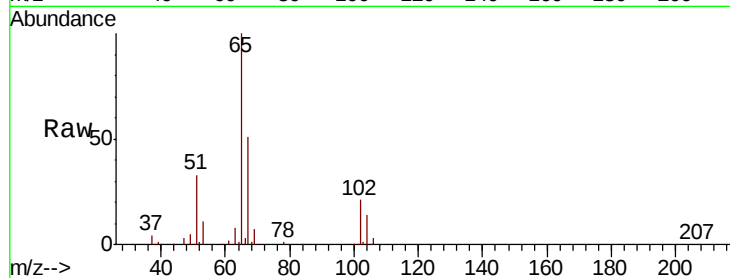
TR-04-103018-BRE

Tot Ion: 65 Resp: 92010

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006587.D

Acq: 02 Nov 2018 05:02

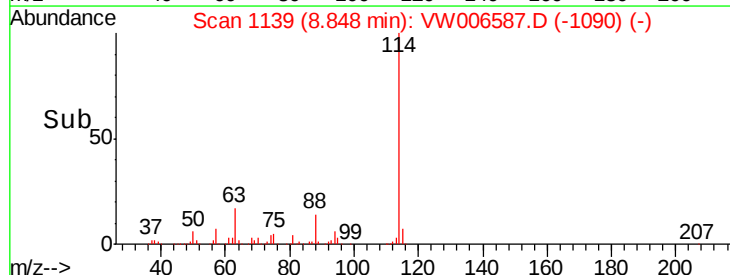
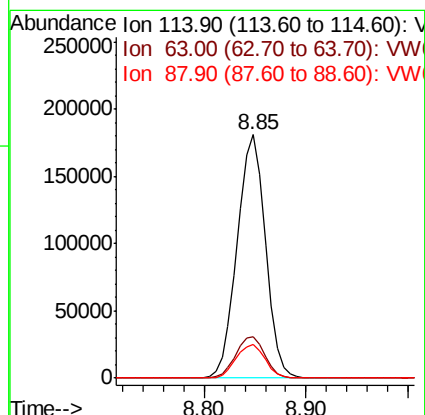
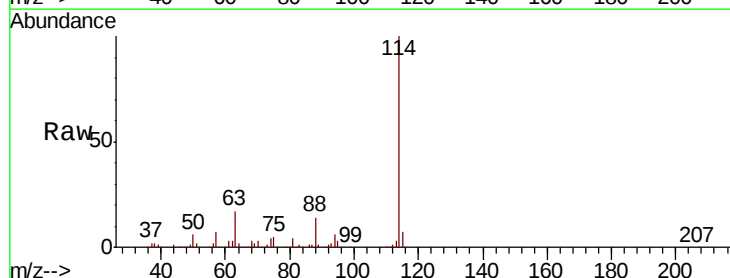
Tgt Ion: 114 Resp: 347205

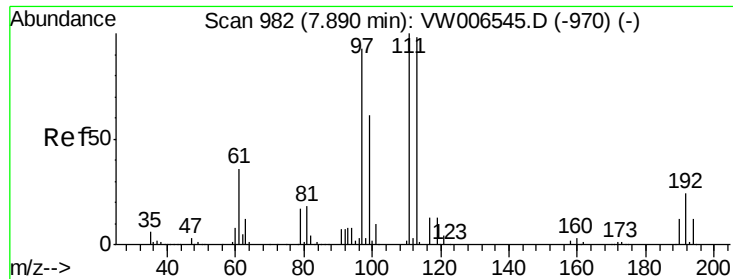
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

88 14.0 0.0 29.0

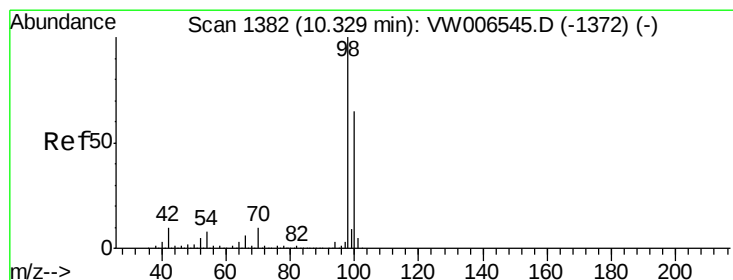
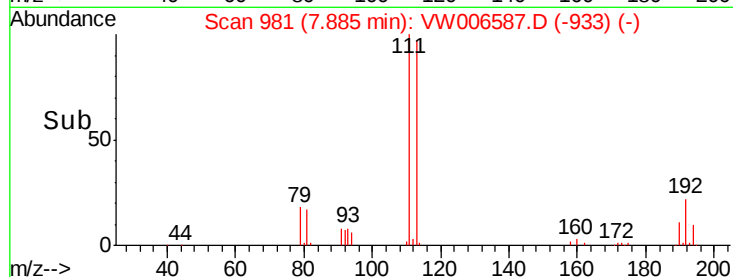
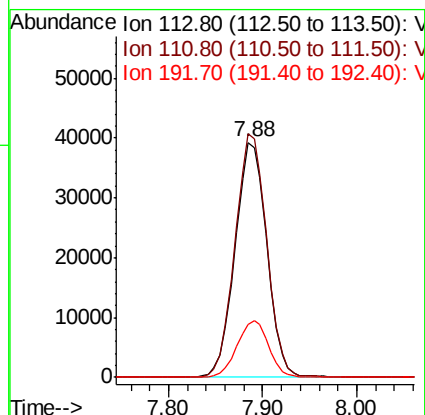
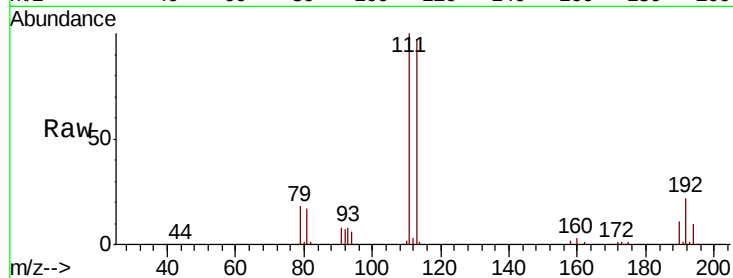




#35
 Dibromofluoromethane
 Concen: 42.391 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006587.D
 Acq: 02 Nov 2018 05:02

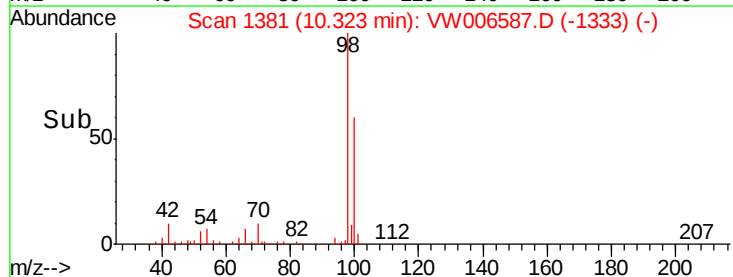
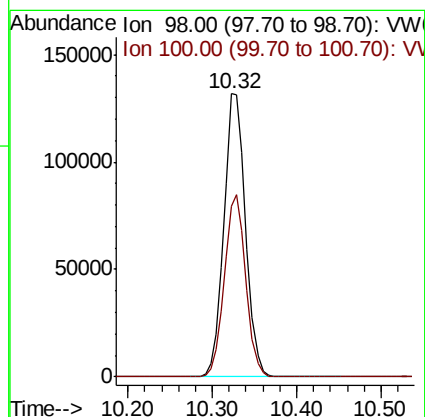
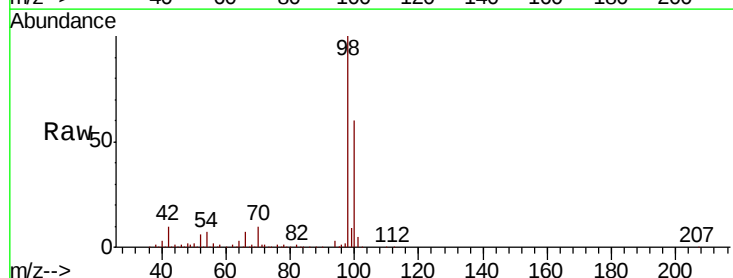
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-103018-BRE

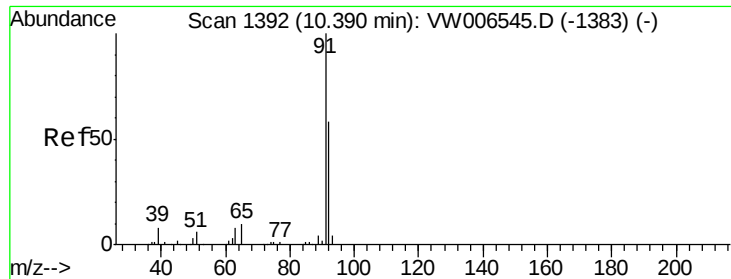
Tot Ion:113 Resp: 92369
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.2
 192 23.9 19.0 28.6



#50
 Toluene-d8
 Concen: 28.125 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW006587.D
 Acq: 02 Nov 2018 05:02

Tgt Ion: 98 Resp: 233297
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.6 77.4





#52

Toluene

Concen: 1.941 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006587.D

Acq: 02 Nov 2018 05:02

Instrument :

MSVOA_W

ClientSampleId :

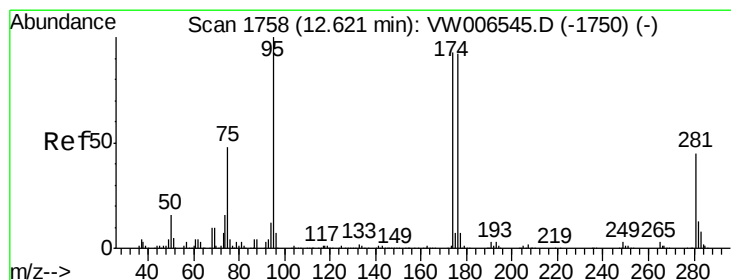
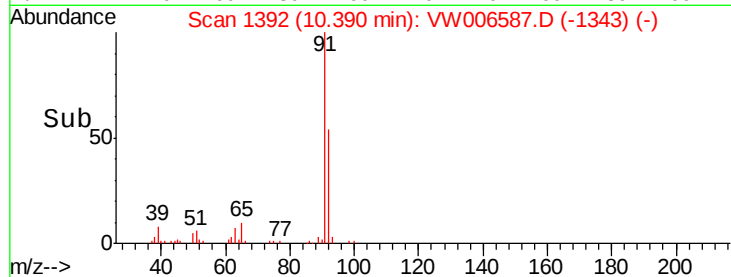
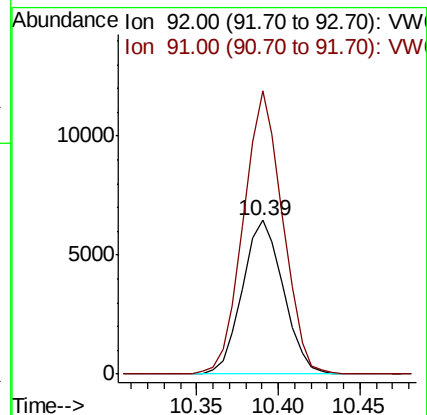
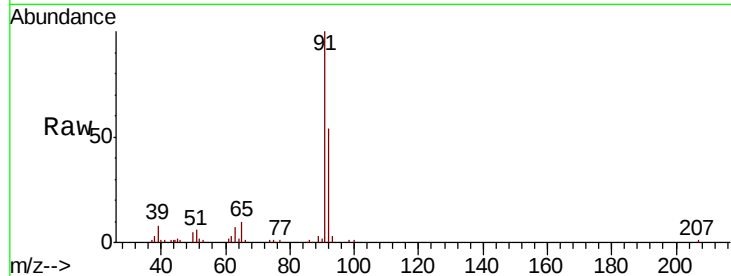
TR-04-103018-BRE

Tot Ion: 92 Resp: 11291

Ion Ratio Lower Upper

92 100

91 176.8 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 26.487 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006587.D

Acq: 02 Nov 2018 05:02

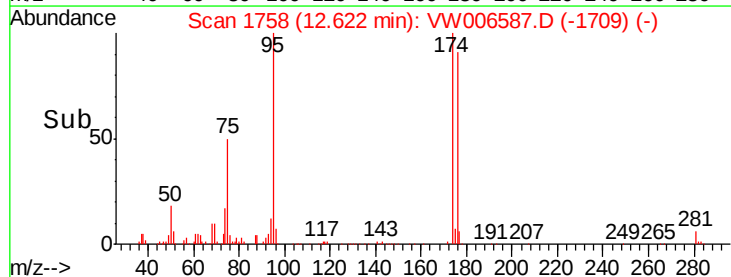
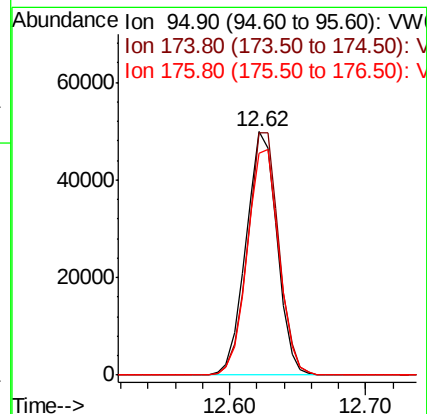
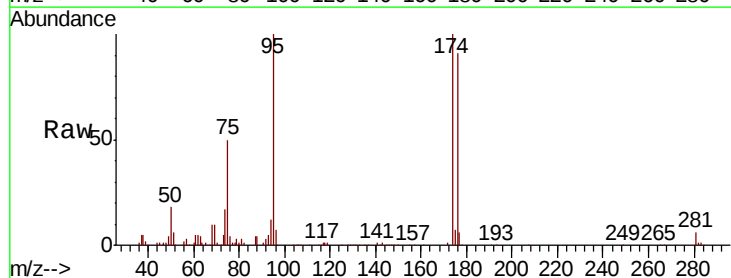
Tgt Ion: 95 Resp: 79653

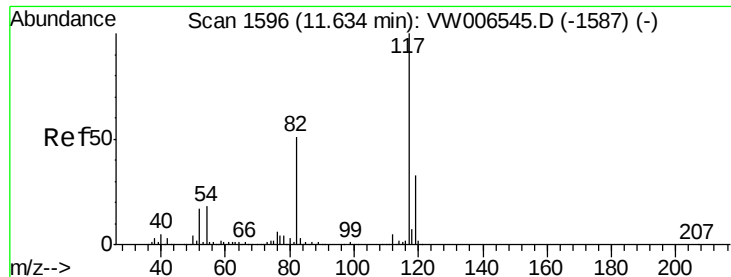
Ion Ratio Lower Upper

95 100

174 100.4 0.0 192.4

176 95.0 0.0 187.4

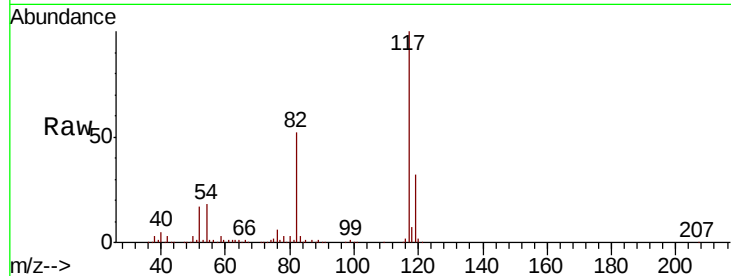




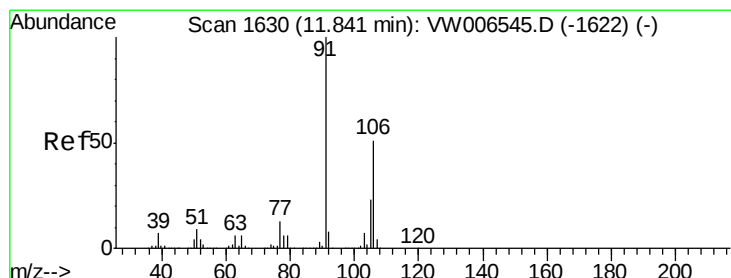
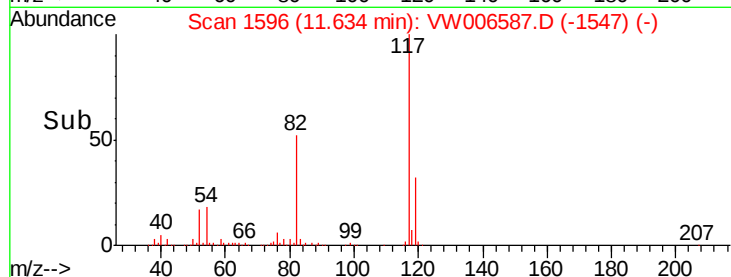
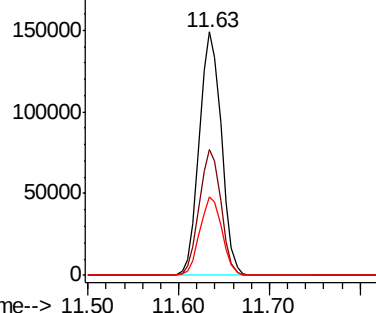
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006587.D
Acq: 02 Nov 2018 05:02

Instrument :
MSVOA_W
ClientSampleId :
TR-04-103018-BRE

Tot Ion:117 Resp: 251292
Ion Ratio Lower Upper
117 100
82 51.6 40.8 61.2
119 32.0 26.1 39.1

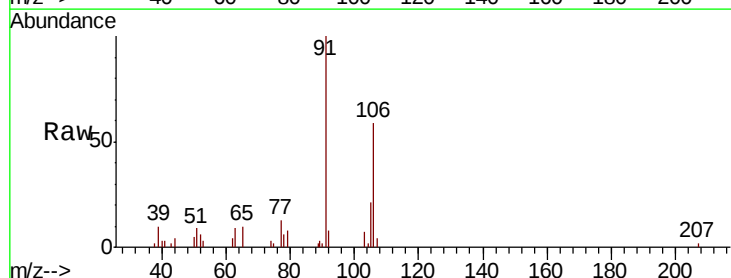


Abundance Ion 116.90 (116.60 to 117.60): V
200000 Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

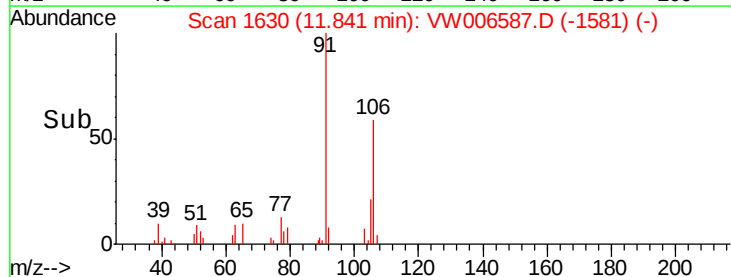
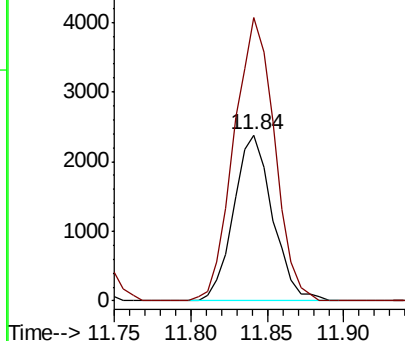


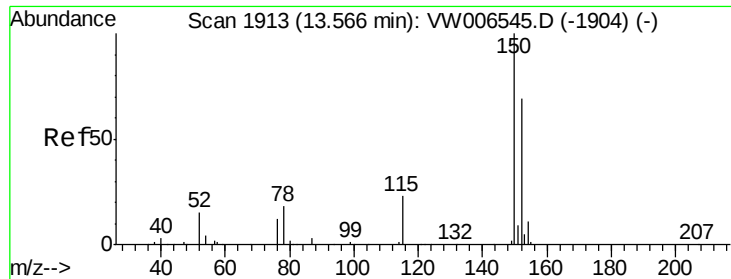
#68
m/p-Xylenes
Concen: 1.189 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006587.D
Acq: 02 Nov 2018 05:02

Tgt Ion:106 Resp: 4197
Ion Ratio Lower Upper
106 100
91 177.9 156.7 235.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006587.D

Acq: 02 Nov 2018 05:02

Instrument :

MSVOA_W

ClientSampleId :

TR-04-103018-BRE

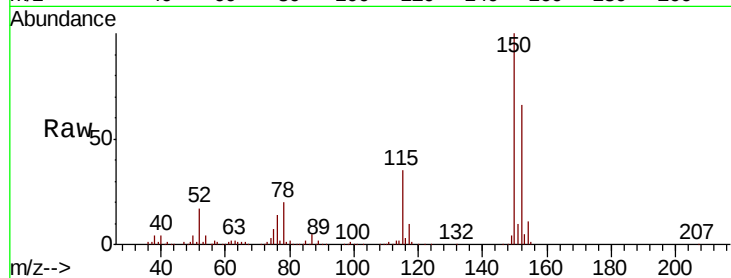
Tot Ion:152 Resp: 104397

Ion Ratio Lower Upper

152 100

115 54.3 26.6 79.8

150 155.8 0.0 344.6



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

