

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005155.D
 Acq On : 06 Sep 2018 11:25
 Operator : SY/AP
 Sample : VW0906SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBL01

Quant Time: Sep 06 14:03:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	519106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	792191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	766261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	396401	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	246937	57.39	ug/l	0.00
Spiked Amount			Recovery	=	114.78%	
35) Dibromofluoromethane	7.89	113	236475	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
50) Toluene-d8	10.33	98	1082535	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.62	95	380927	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	

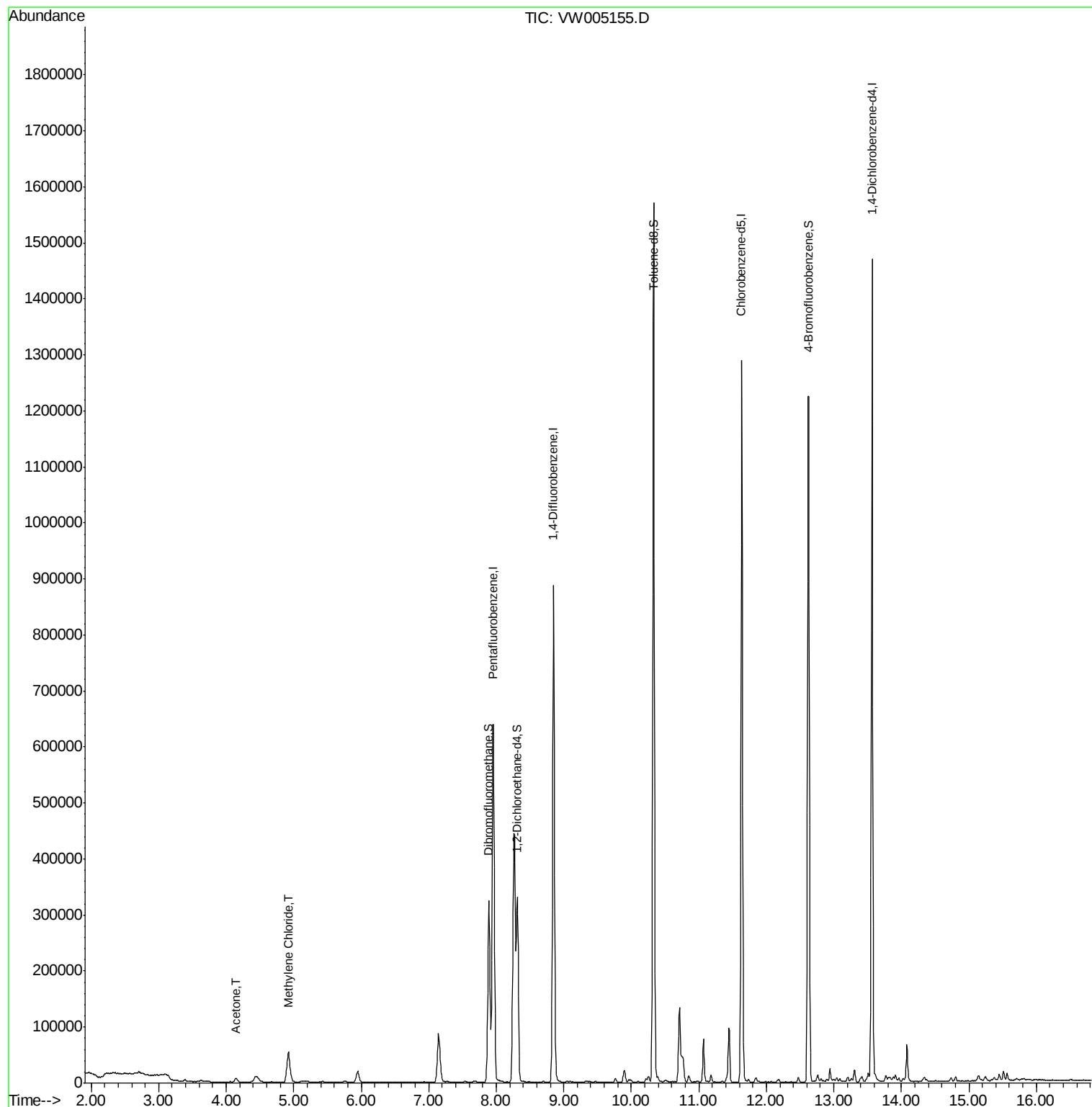
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	12917	14.97	ug/l	# 88
20) Methylene Chloride	4.92	84	43634	3.89	ug/l	98

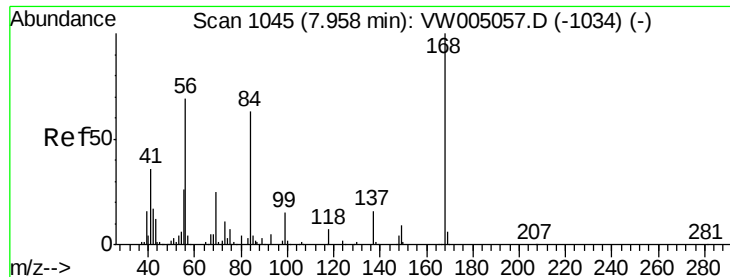
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

Instrument :

MSVOA_W

ClientSampleId :

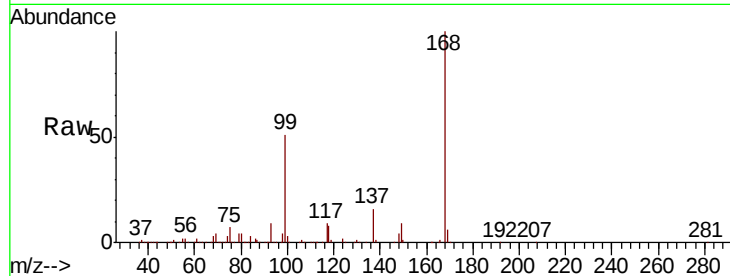
VW0906SBL01

Tot Ion:168 Resp: 519106

Ion Ratio Lower Upper

168 100

99 51.1 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

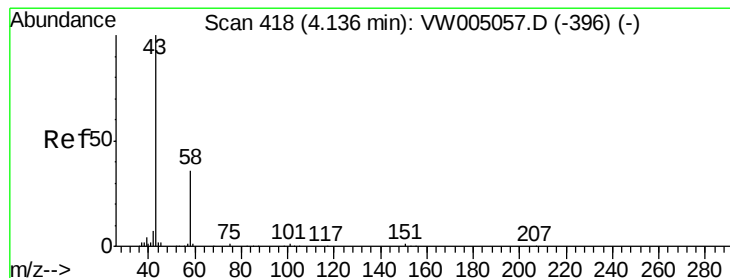
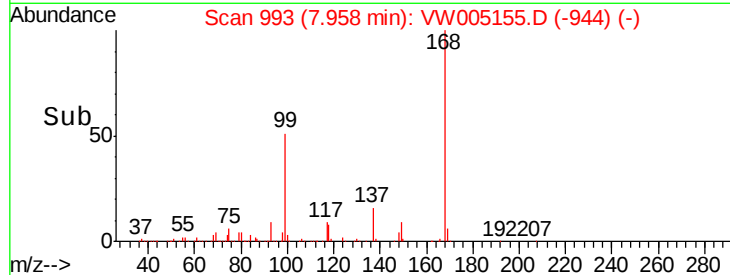
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 14.97 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005155.D

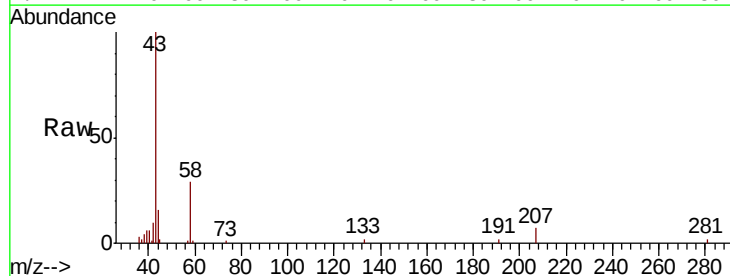
Acq: 06 Sep 2018 11:25

Tgt Ion: 43 Resp: 12917

Ion Ratio Lower Upper

43 100

58 29.0 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

3000

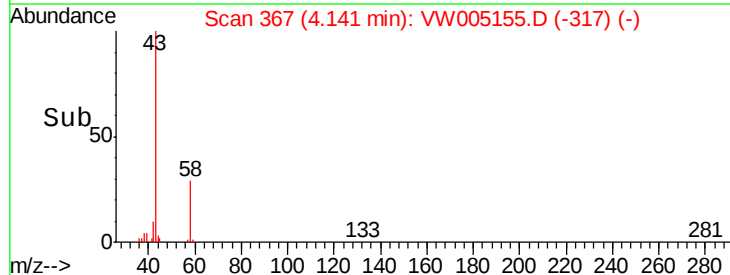
2000

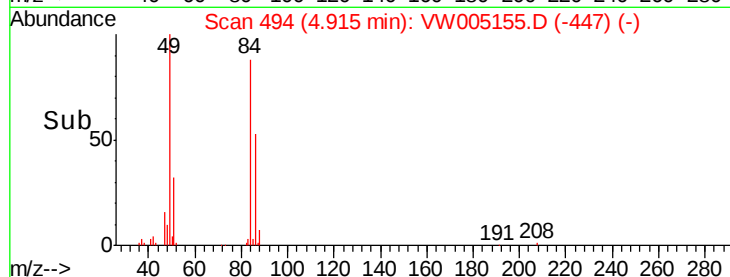
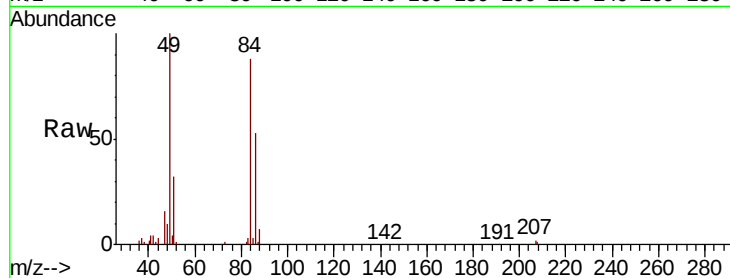
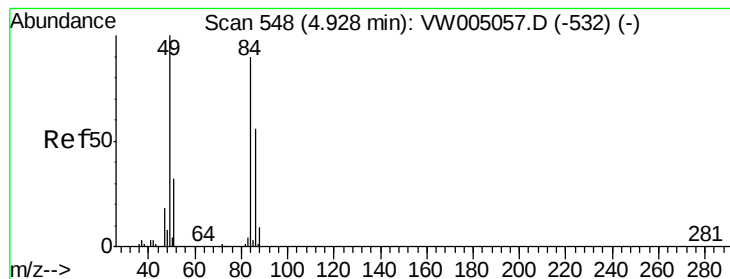
1000

0

Time-->

4.10 4.20





#20

Methylene Chloride

Concen: 3.89 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBL01

Tot Ion: 84 Resp: 43634

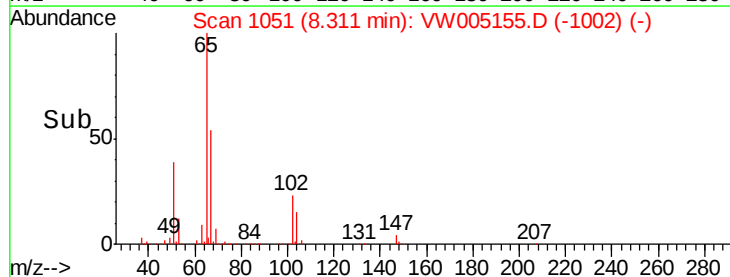
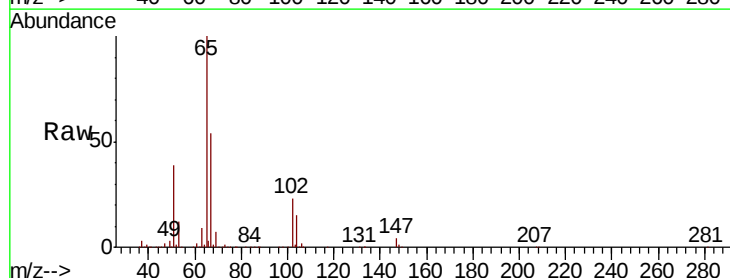
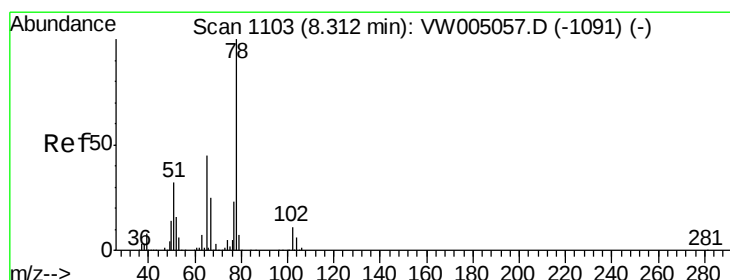
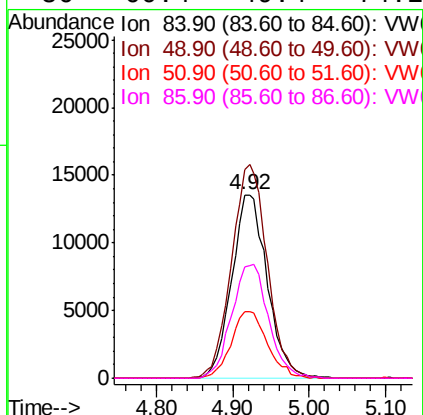
Ion Ratio Lower Upper

84 100

49 113.5 88.7 133.1

51 36.1 28.6 42.8

86 60.4 49.4 74.2



#33

1,2-Dichloroethane-d4

Concen: 57.39 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005155.D

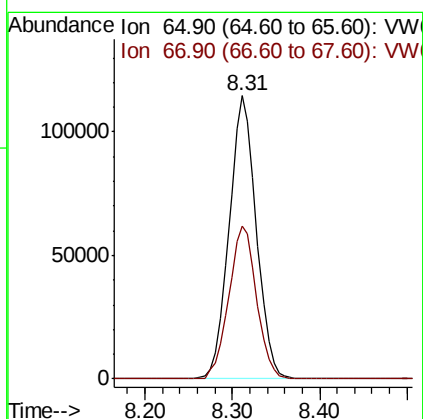
Acq: 06 Sep 2018 11:25

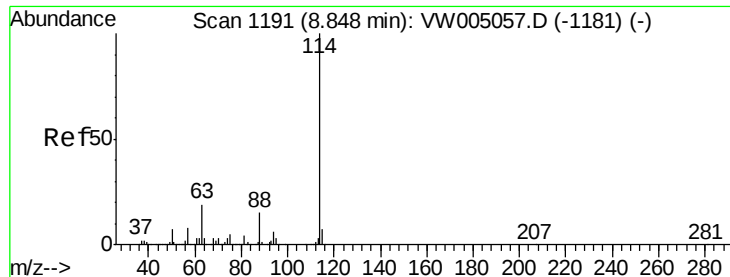
Tgt Ion: 65 Resp: 246937

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBL01

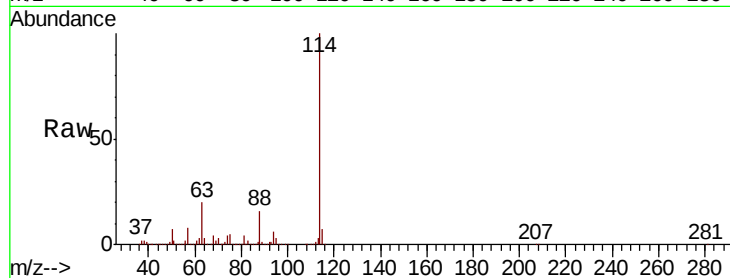
Tot Ion:114 Resp: 792191

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

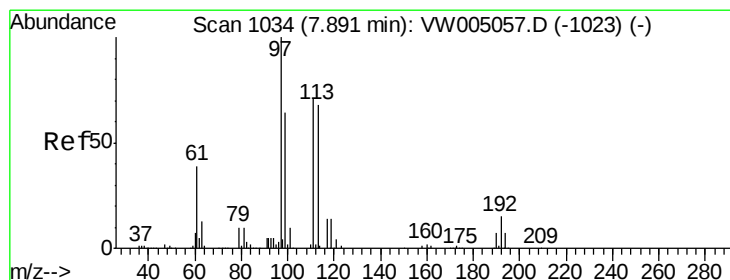
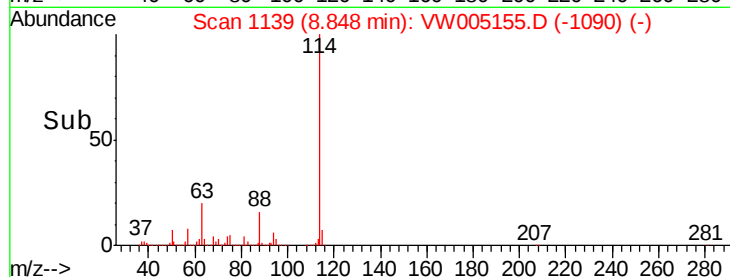
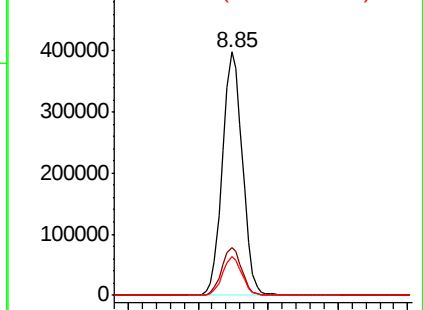
88 15.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.66 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

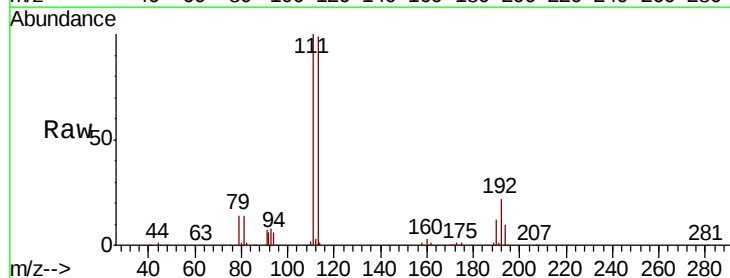
Tgt Ion:113 Resp: 236475

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

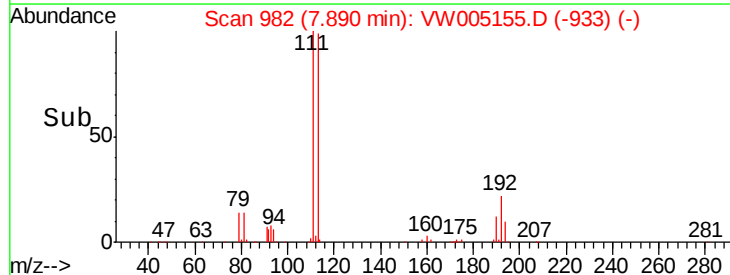
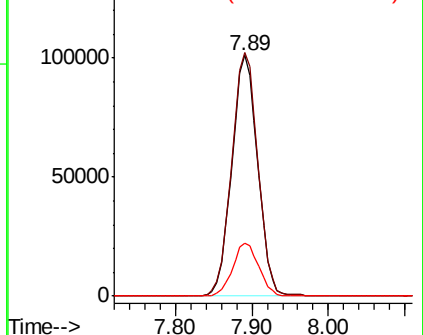
192 22.2 18.1 27.1

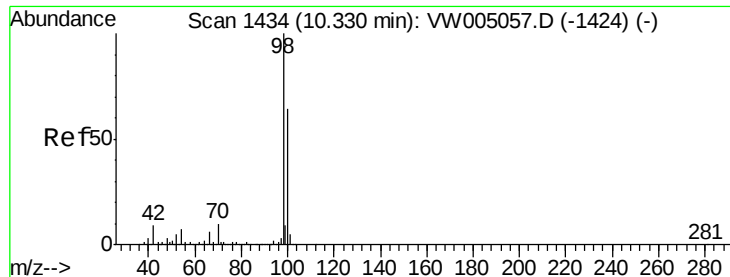


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.32 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

Instrument :

MSVOA_W

ClientSampleId :

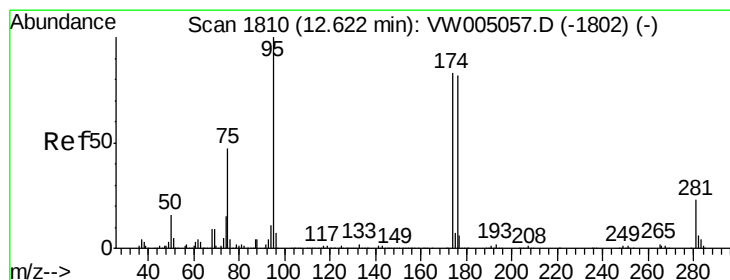
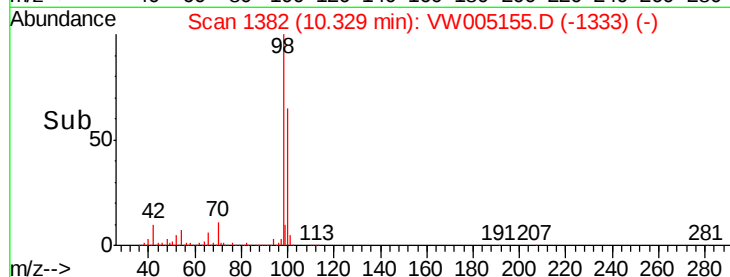
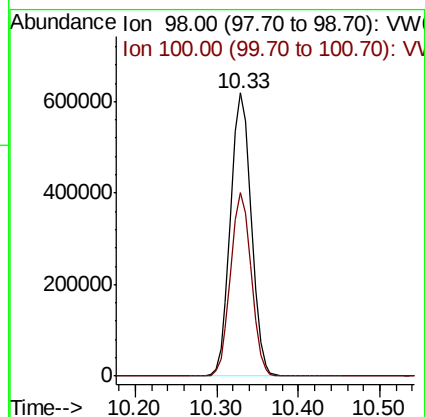
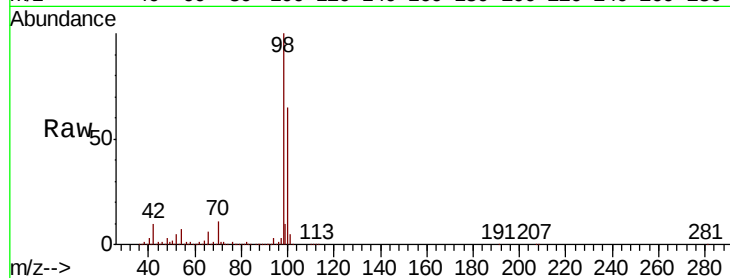
VW0906SBL01

Tot Ion: 98 Resp: 1082535

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 51.21 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

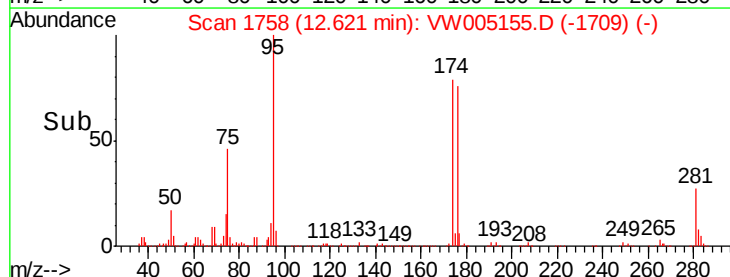
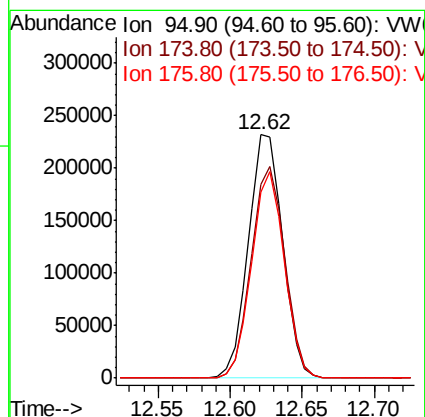
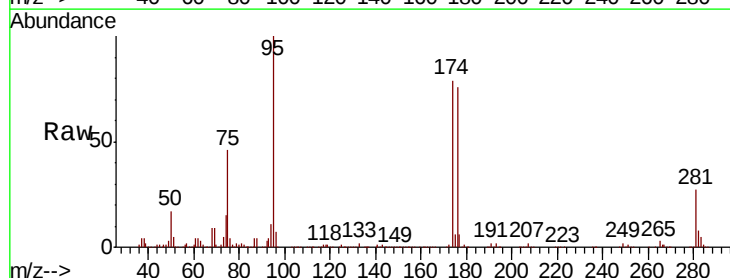
Tgt Ion: 95 Resp: 380927

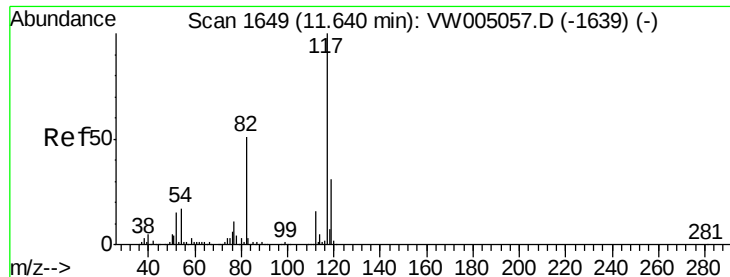
Ion Ratio Lower Upper

95 100

174 85.4 0.0 173.4

176 81.2 0.0 167.4

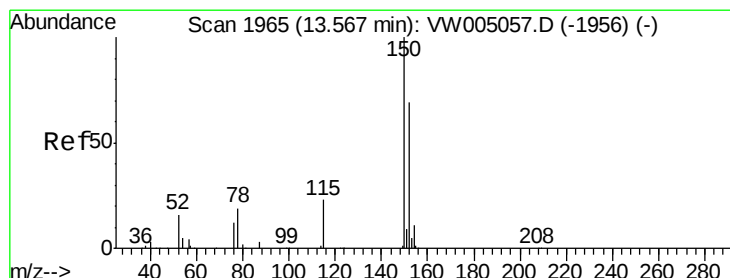
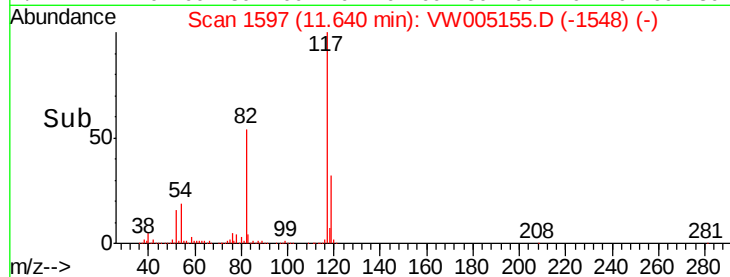
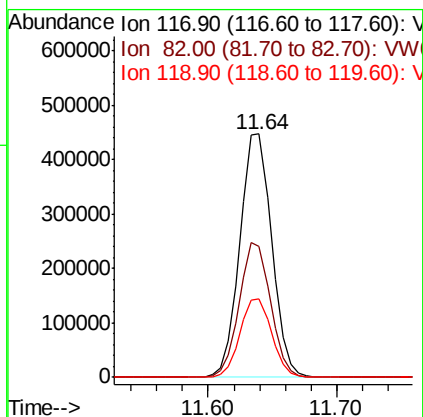
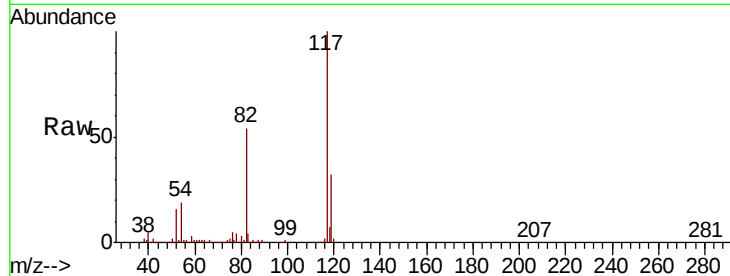




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005155.D
Acq: 06 Sep 2018 11:25

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBL01

Tot Ion:117 Resp: 766261
Ion Ratio Lower Upper
117 100
82 53.7 40.9 61.3
119 32.4 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005155.D
Acq: 06 Sep 2018 11:25

Tgt Ion:152 Resp: 396401
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.4
150 158.0 0.0 351.4

