

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006088.D
 Acq On : 16 Oct 2018 19:18
 Operator : VA/AP
 Sample : J5526-16
 Misc : 6.97G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-1

Quant Time: Oct 17 01:30:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	12763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	18255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	14080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4424	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	5276	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	7.89	113	5001	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
50) Toluene-d8	10.33	98	16897	41.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.34%	
62) 4-Bromofluorobenzene	12.62	95	4916	31.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.78%	

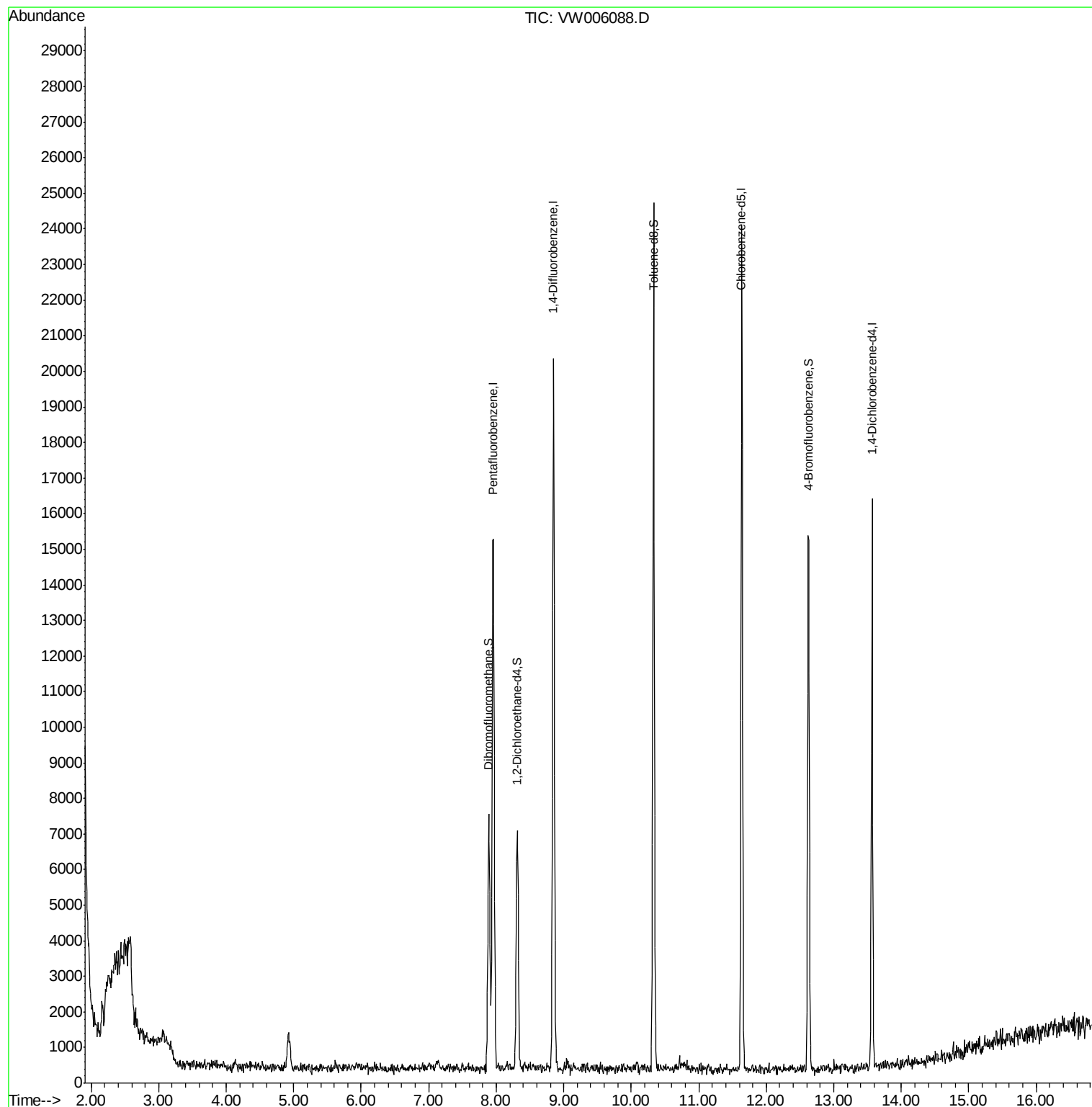
Target Compounds	Qvalue
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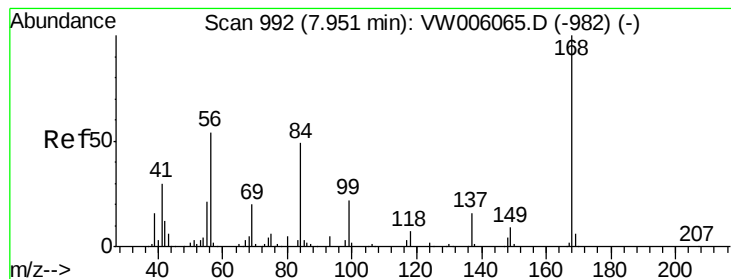
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006088.D

Acq: 16 Oct 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

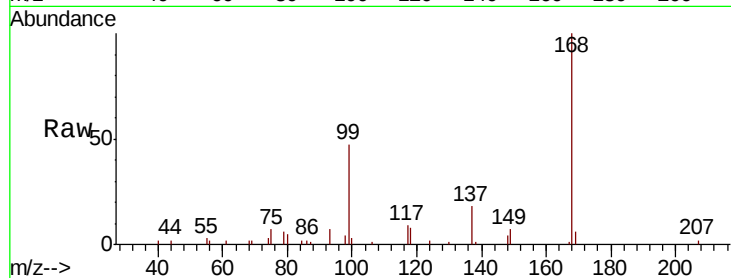
SUP-4A-G-101518-1

Tot Ion:168 Resp: 12763

Ion Ratio Lower Upper

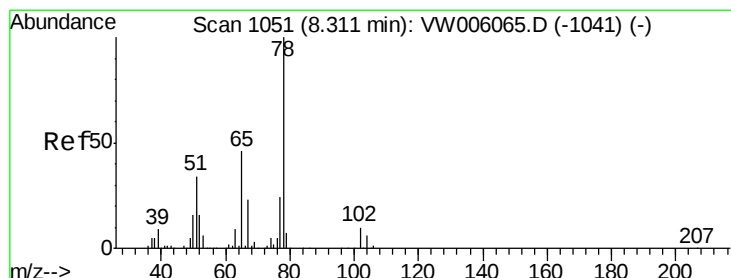
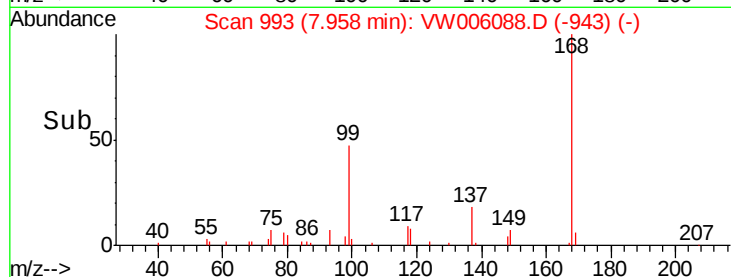
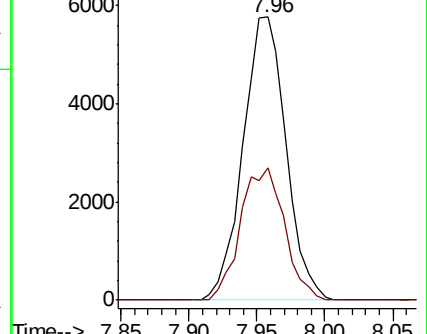
168 100

99 46.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 49.862 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006088.D

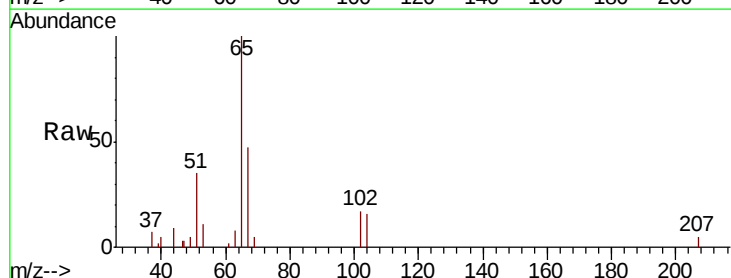
Acq: 16 Oct 2018 19:18

Tgt Ion: 65 Resp: 5276

Ion Ratio Lower Upper

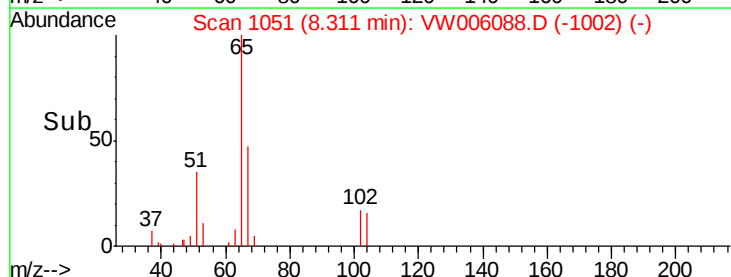
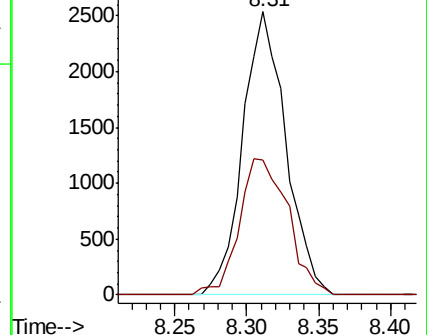
65 100

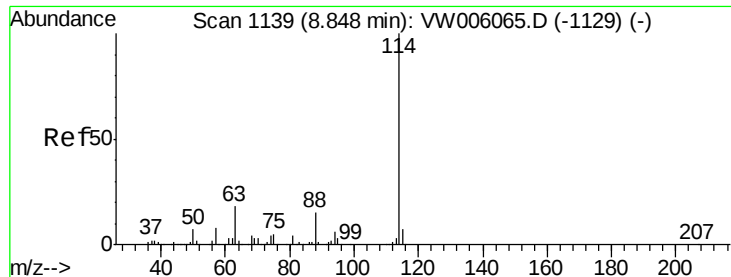
67 54.1 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006088.D

Acq: 16 Oct 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-1

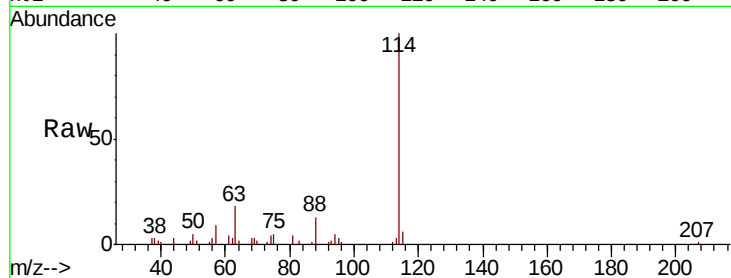
Tot Ion:114 Resp: 18255

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

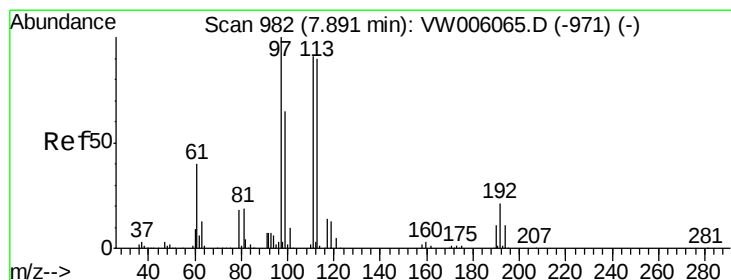
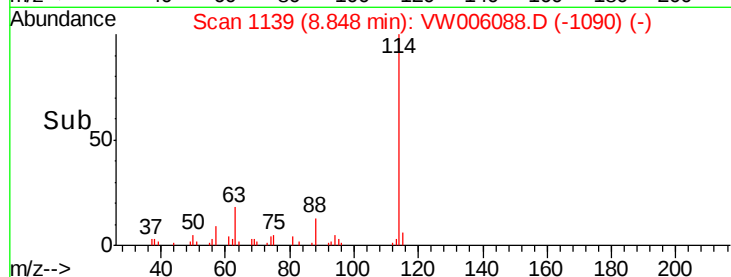
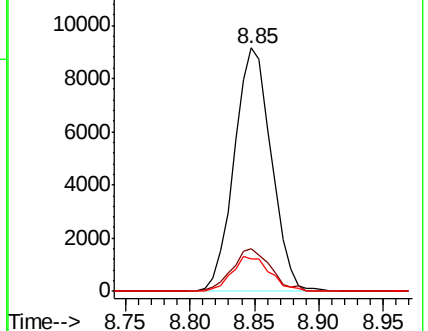
88 13.3 0.0 29.0



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: 46.362 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006088.D

Acq: 16 Oct 2018 19:18

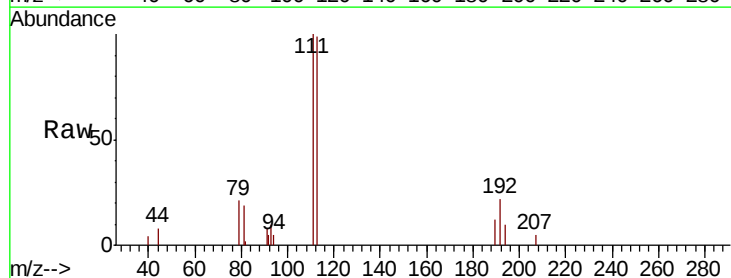
Tgt Ion:113 Resp: 5001

Ion Ratio Lower Upper

113 100

111 97.7 81.4 122.0

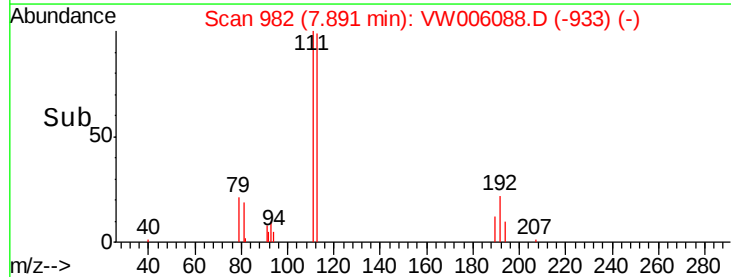
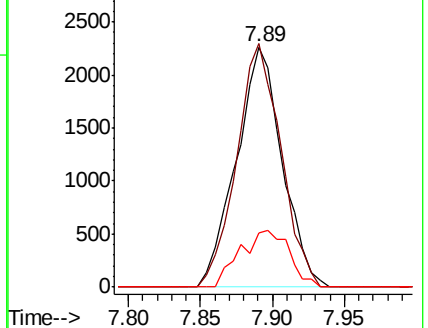
192 25.2 18.7 28.1

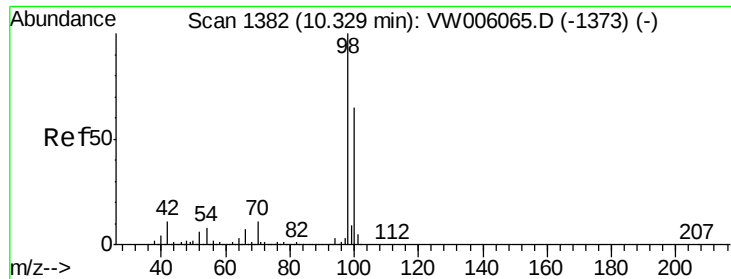


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 41.174 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006088.D

Acq: 16 Oct 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

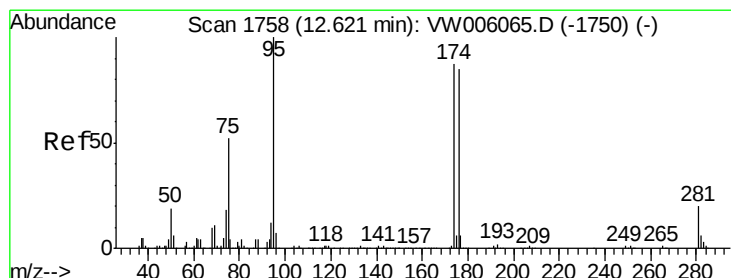
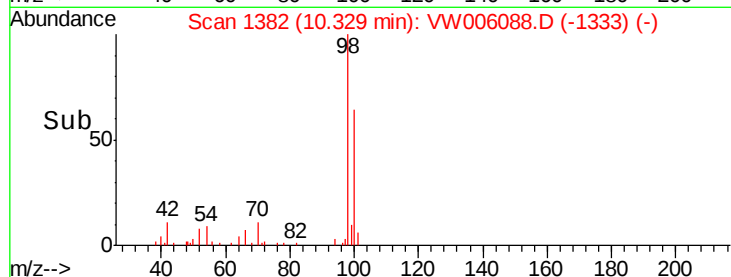
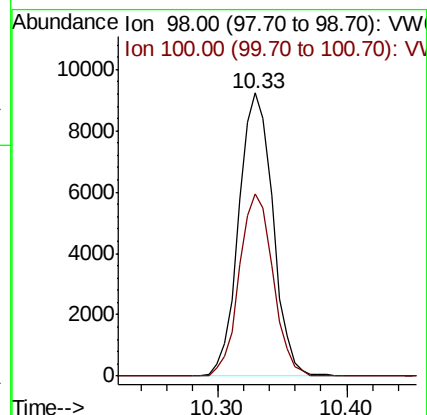
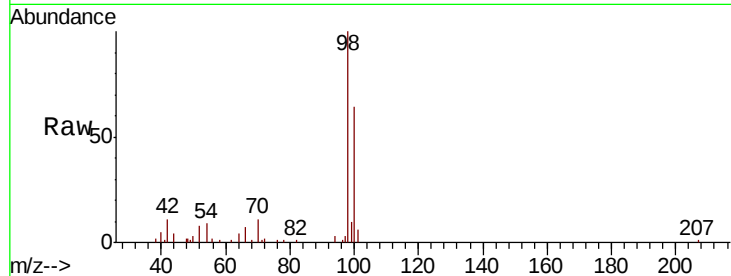
SUP-4A-G-101518-1

Tot Ion: 98 Resp: 16897

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 31.894 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006088.D

Acq: 16 Oct 2018 19:18

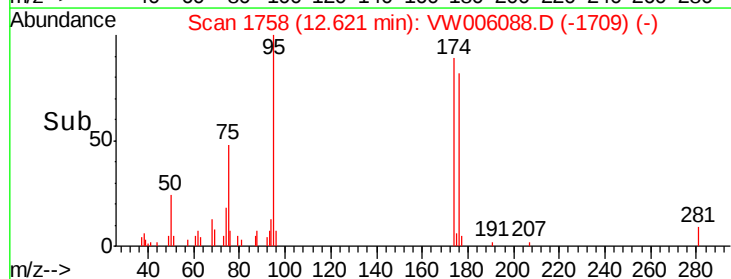
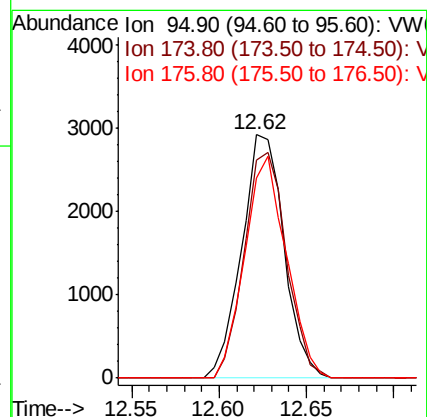
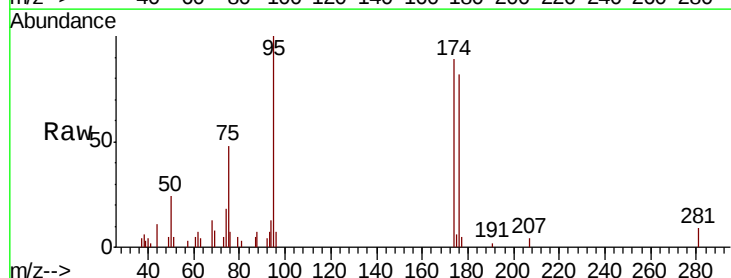
Tgt Ion: 95 Resp: 4916

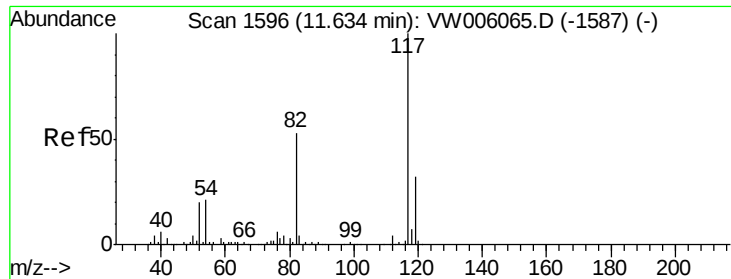
Ion Ratio Lower Upper

95 100

174 92.5 0.0 186.0

176 89.7 0.0 181.6

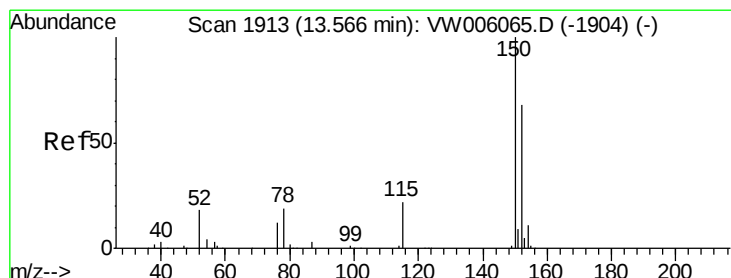
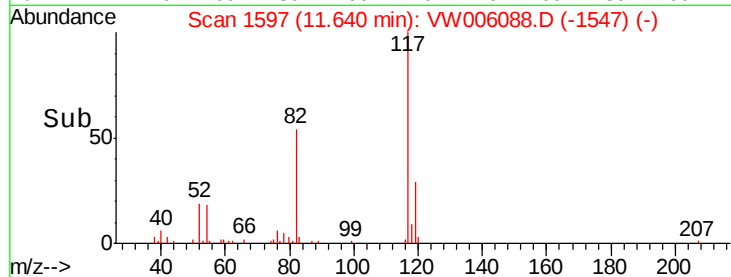
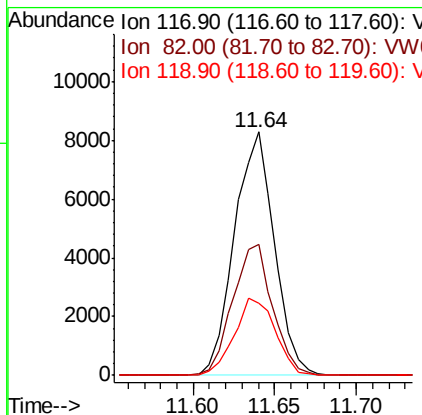
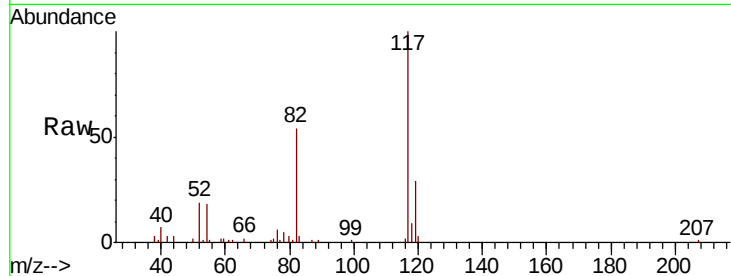




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW006088.D
Acq: 16 Oct 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-1

Tot Ion:117 Resp: 14080
Ion Ratio Lower Upper
117 100
82 53.6 42.1 63.1
119 29.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006088.D
Acq: 16 Oct 2018 19:18

Tgt Ion:152 Resp: 4424
Ion Ratio Lower Upper
152 100
115 58.7 27.8 83.3
150 155.9 0.0 349.2

