

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006671.D
 Acq On : 06 Nov 2018 08:04
 Operator : SY/AP
 Sample : J5812-01
 Misc : 5.94G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP1-A

Quant Time: Nov 06 10:22:23 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	264473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176468	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	123332	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
35) Dibromofluoromethane	7.88	113	127241	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.33	98	419228	42.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.68%	
62) 4-Bromofluorobenzene	12.62	95	149055	42.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.04%	

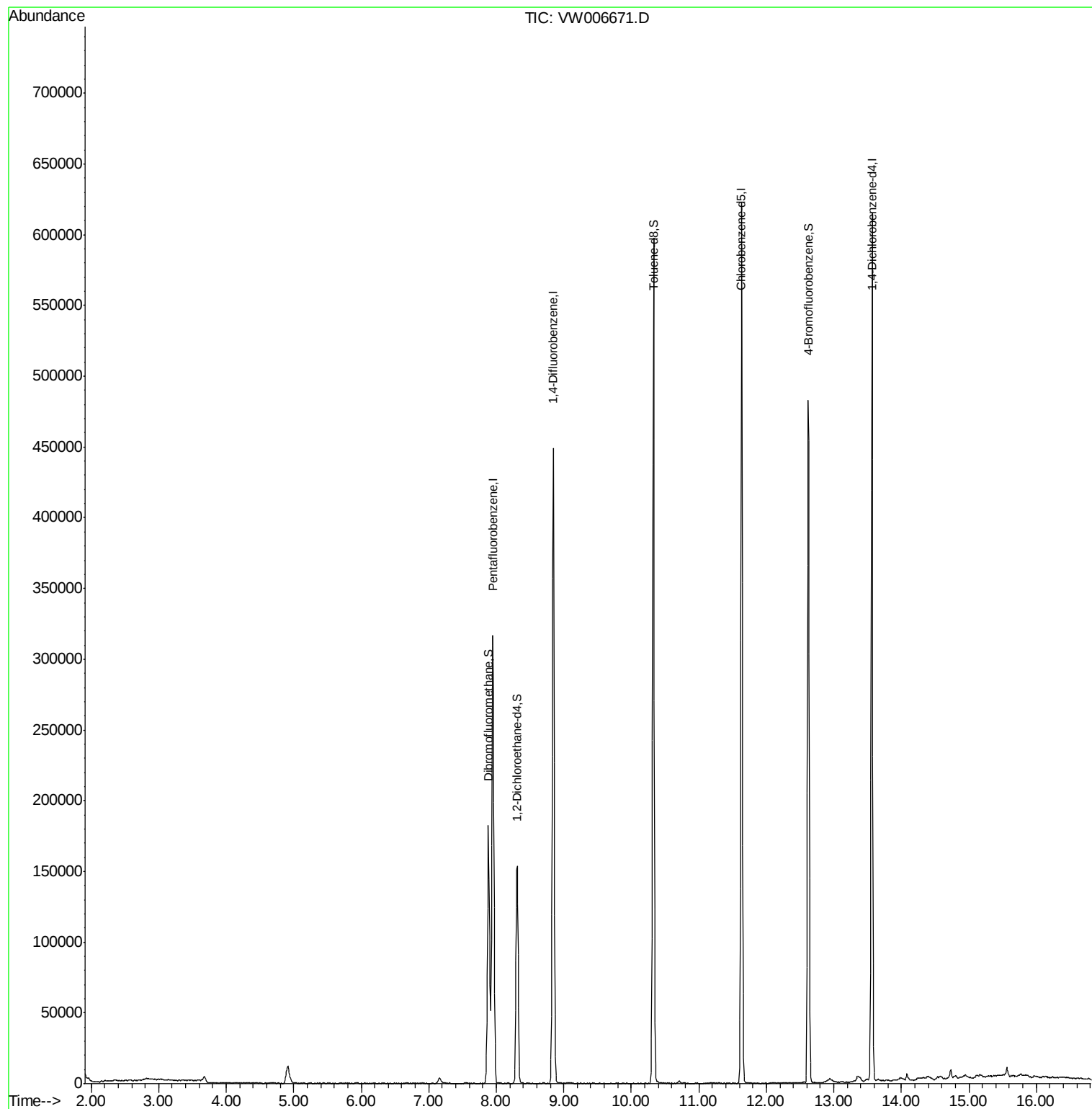
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
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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: VW006671.D

Acq: 06 Nov 2018 08:04

Instrument :

MSVOA_W

ClientSampleId :

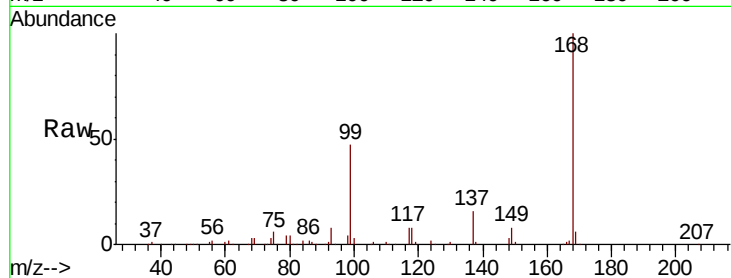
TP1-A

Tot Ion:168 Resp: 264473

Ion Ratio Lower Upper

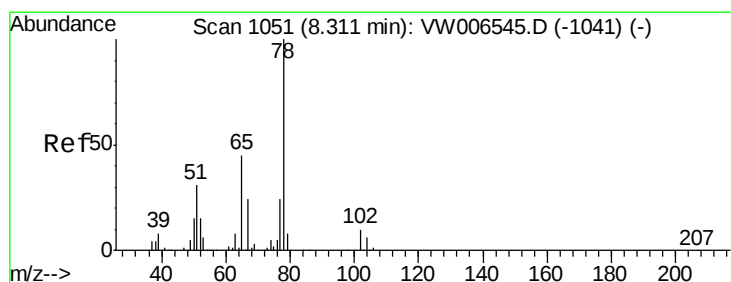
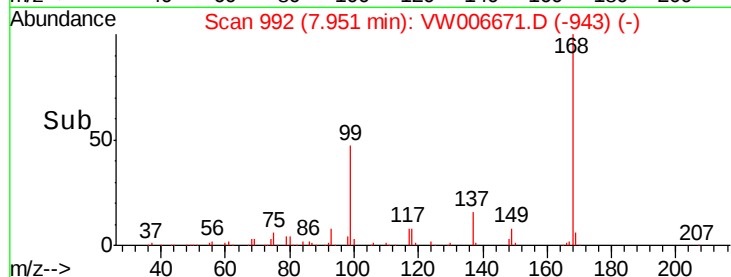
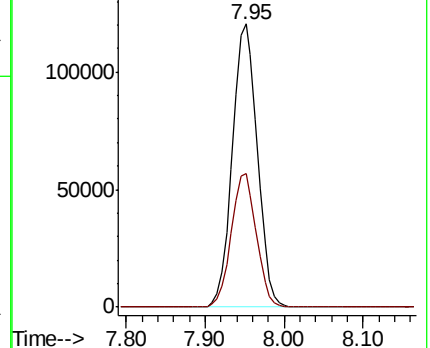
168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 54.250 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006671.D

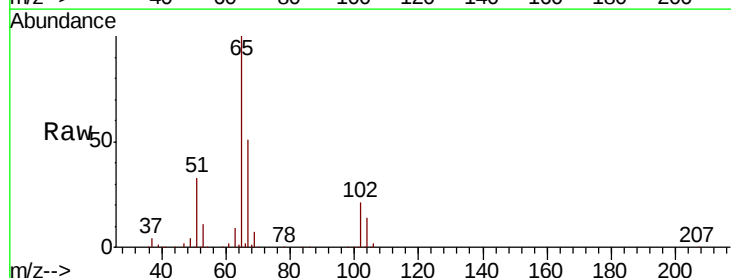
Acq: 06 Nov 2018 08:04

Tgt Ion: 65 Resp: 123332

Ion Ratio Lower Upper

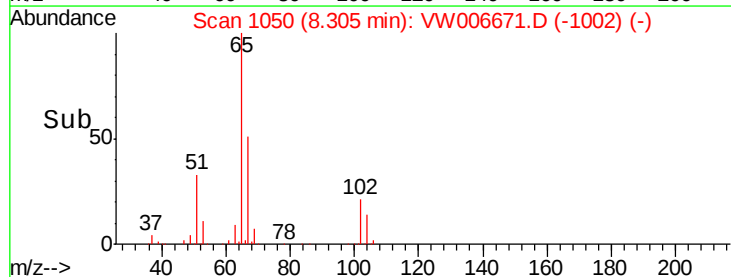
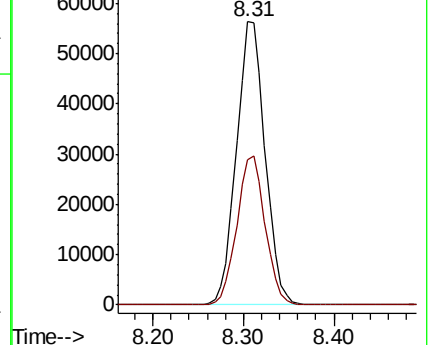
65 100

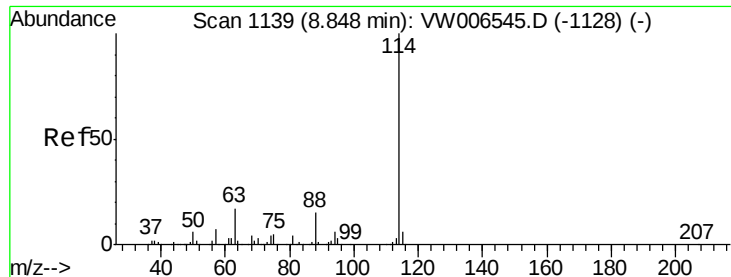
67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

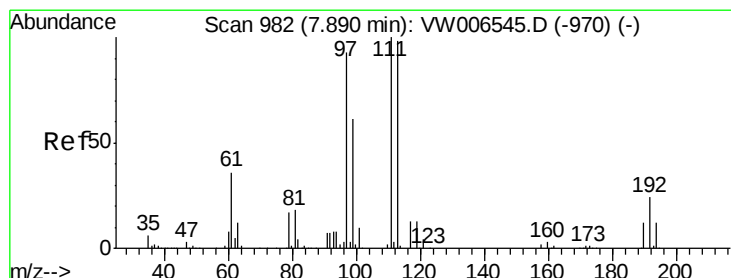
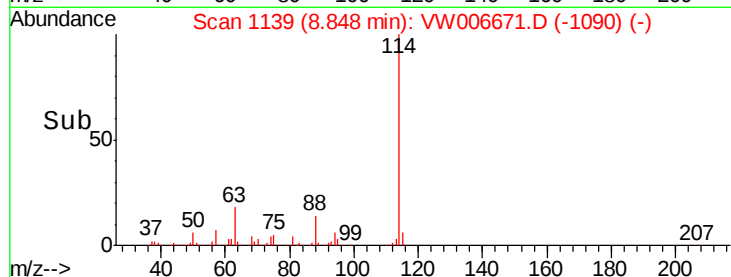
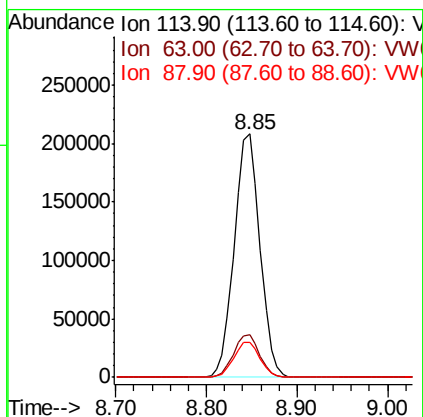
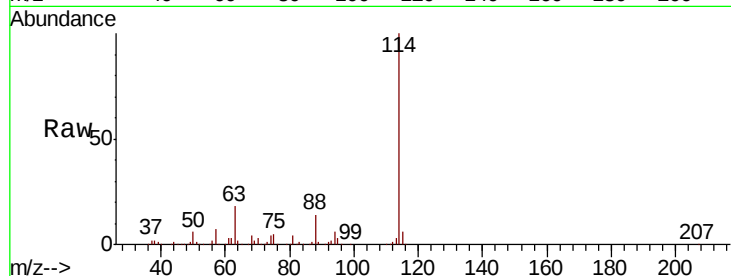




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006671.D
 Acq: 06 Nov 2018 08:04

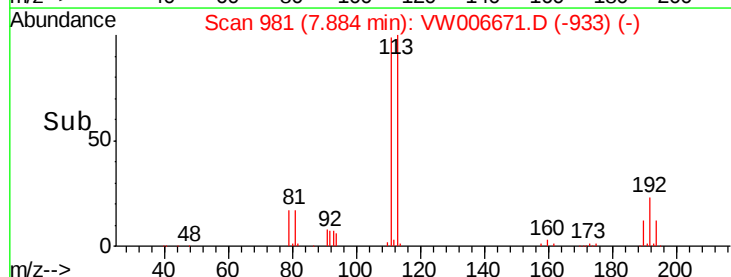
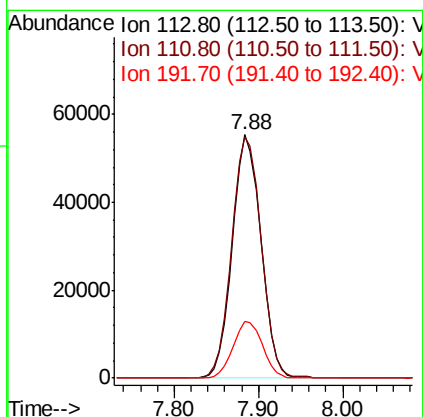
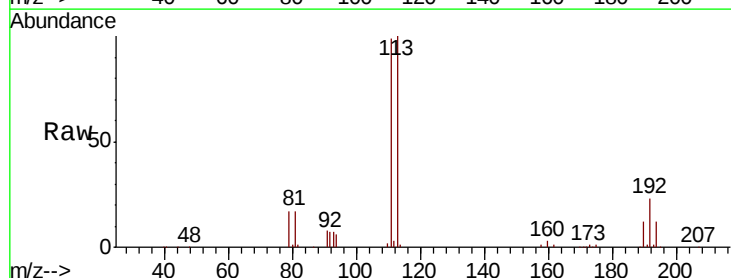
Instrument :
 MSVOA_W
 ClientSampled :
 TP1-A

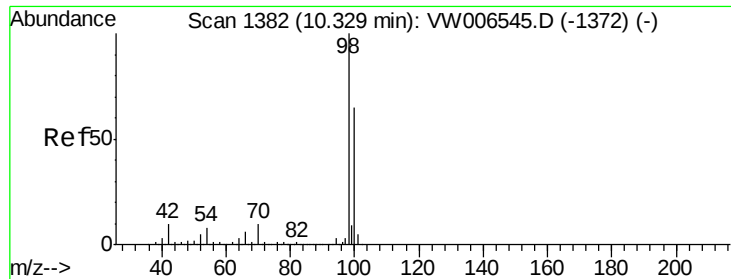
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	34.4
88	14.3	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 49.504 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006671.D
 Acq: 06 Nov 2018 08:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	23.8	19.0	28.6

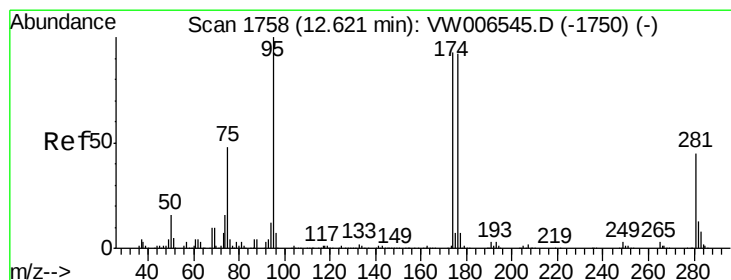
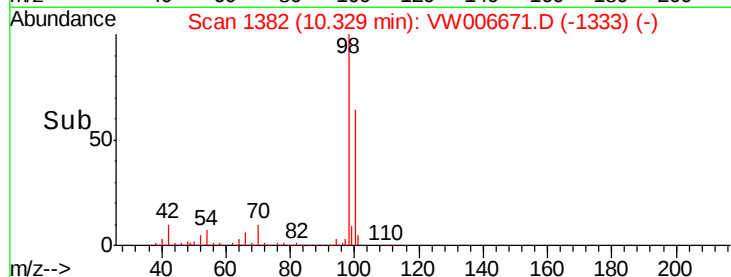
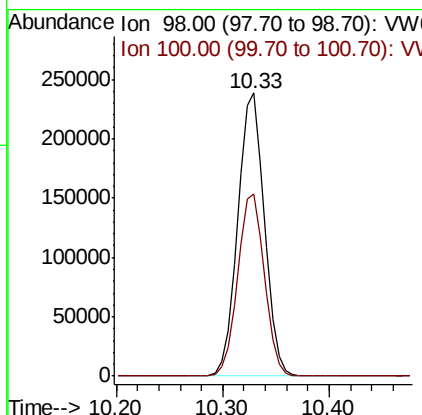
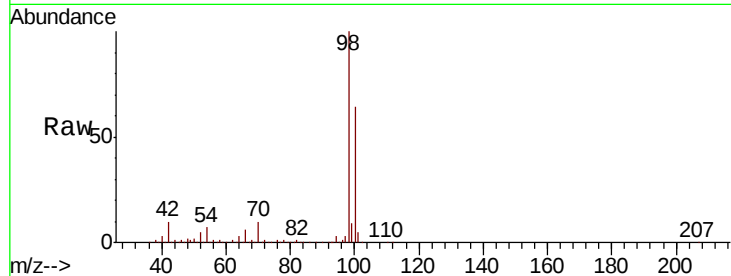




#50
Toluene-d8
Concen: 42.845 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006671.D
Acq: 06 Nov 2018 08:04

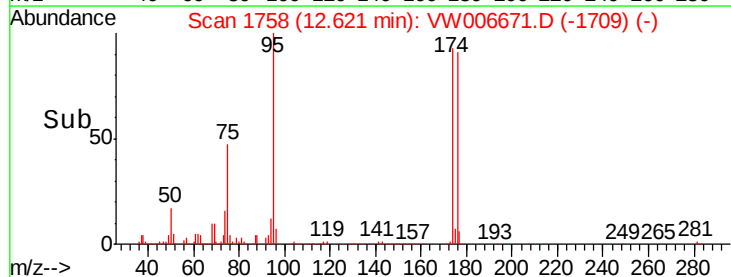
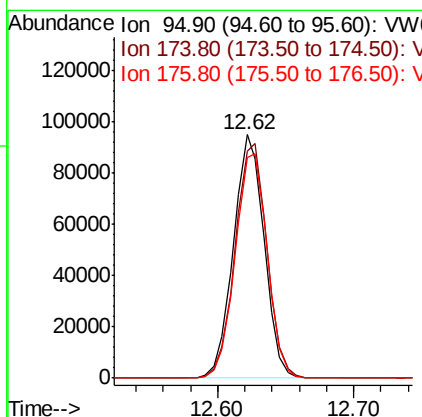
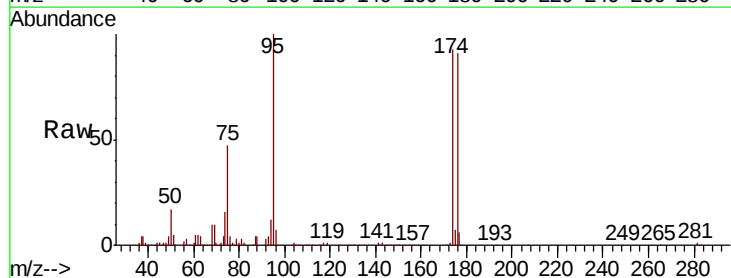
Instrument :
MSVOA_W
ClientSampleId :
TP1-A

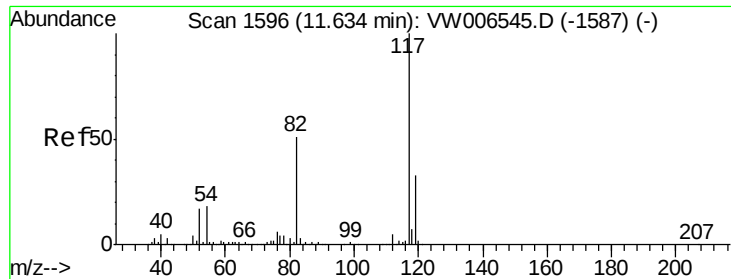
Tot Ion: 98 Resp: 419228
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.019 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006671.D
Acq: 06 Nov 2018 08:04

Tgt Ion: 95 Resp: 149055
Ion Ratio Lower Upper
95 100
174 99.7 0.0 192.4
176 96.1 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: VW006671.D

Acq: 06 Nov 2018 08:04

Instrument :

MSVOA_W

ClientSampleId :

TP1-A

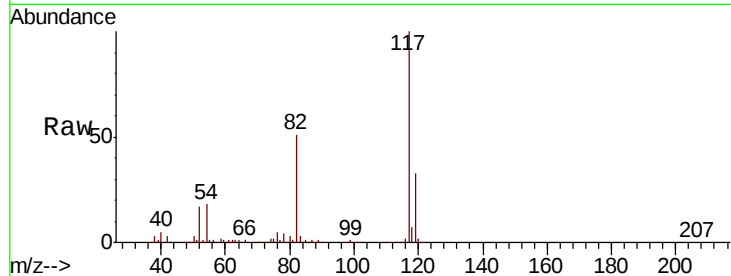
Tot Ion:117 Resp: 364141

Ion Ratio Lower Upper

117 100

82 51.4 40.8 61.2

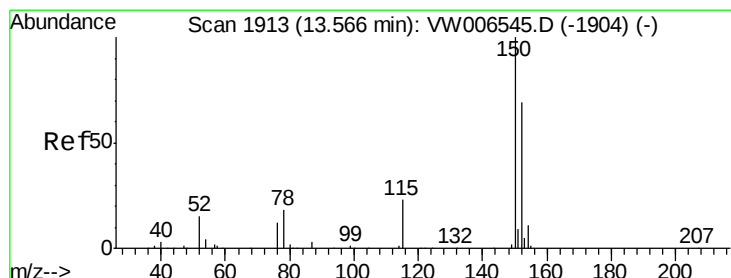
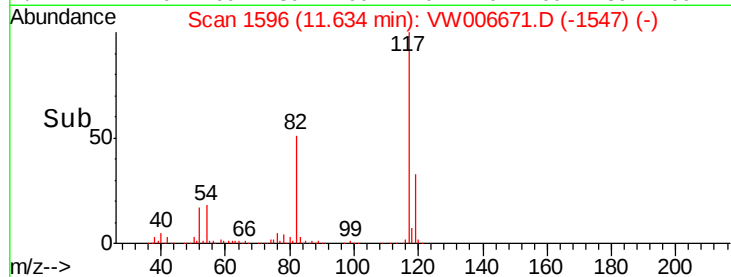
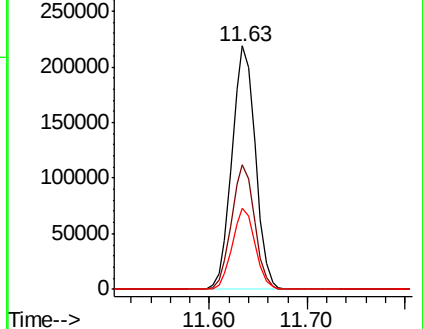
119 33.2 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006671.D

Acq: 06 Nov 2018 08:04

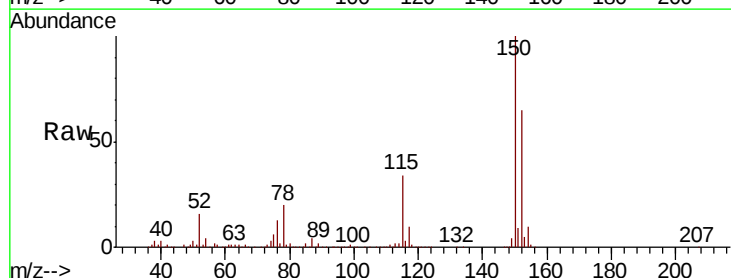
Tgt Ion:152 Resp: 176468

Ion Ratio Lower Upper

152 100

115 53.4 26.6 79.8

150 156.1 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

