

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006665.D
 Acq On : 06 Nov 2018 05:28
 Operator : SY/AP
 Sample : J5764-17
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-I

Quant Time: Nov 06 08:39:12 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

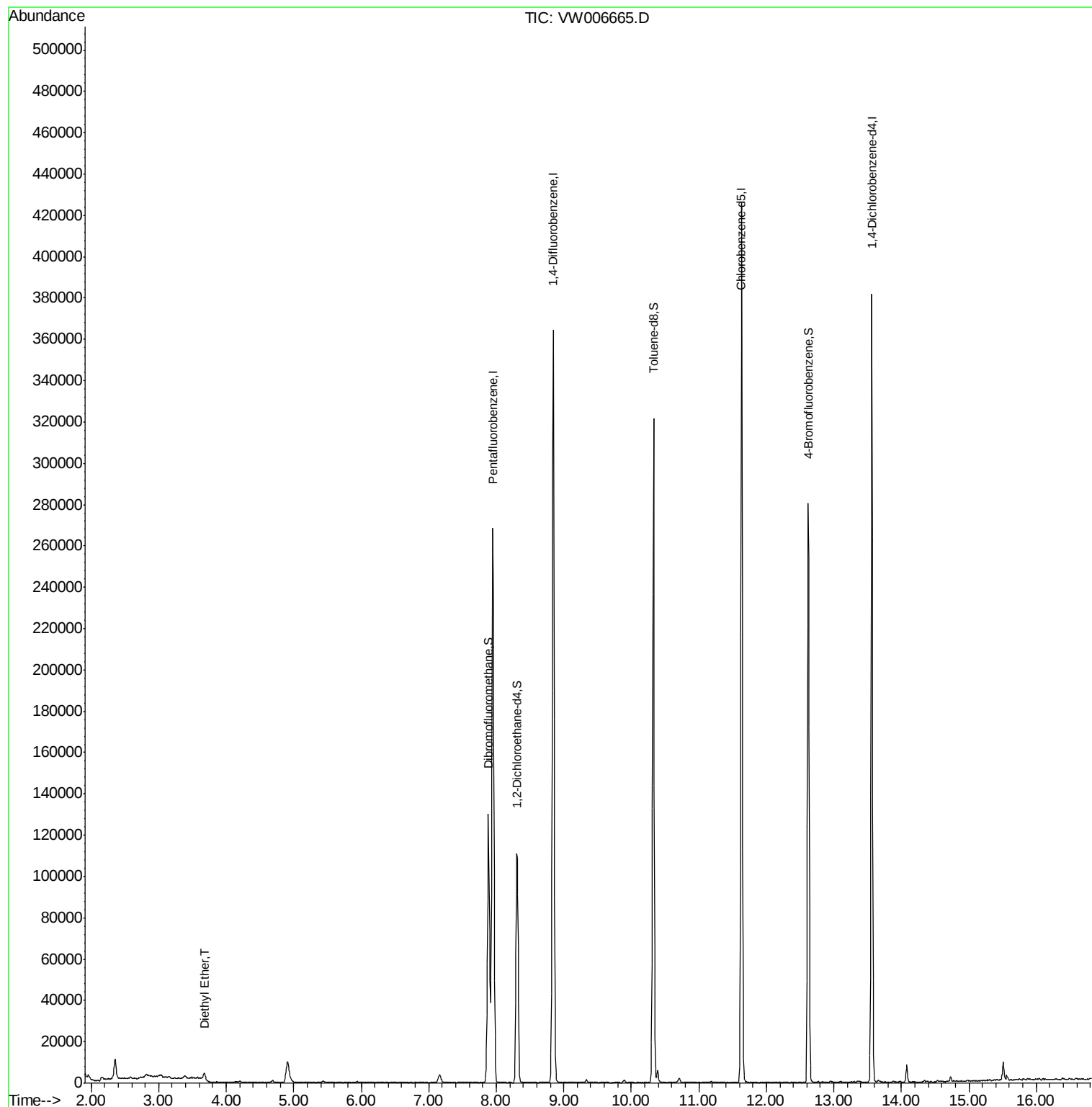
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	88719	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
35) Dibromofluoromethane	7.88	113	90650	44.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.06%	
50) Toluene-d8	10.33	98	226989	28.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.92%	
62) 4-Bromofluorobenzene	12.62	95	84263	29.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.32%	
Target Compounds						
8) Diethyl Ether	3.68	74	2502	2.565	ug/l	Qvalue 89

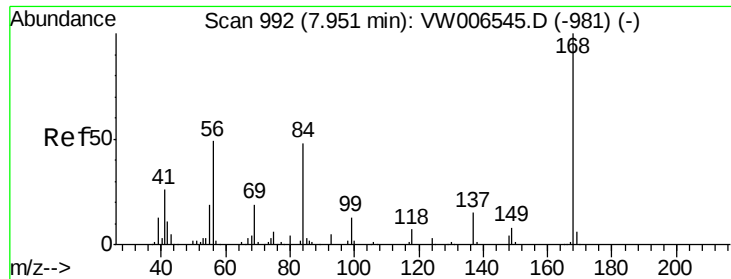
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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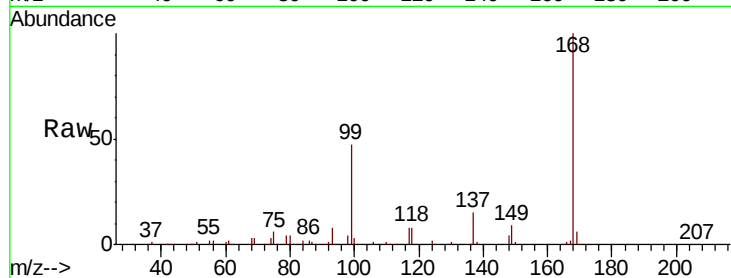
JC-03-110218-I

Tot Ion:168 Resp: 225610

Ion Ratio Lower Upper

168 100

99 47.4 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

100000

80000

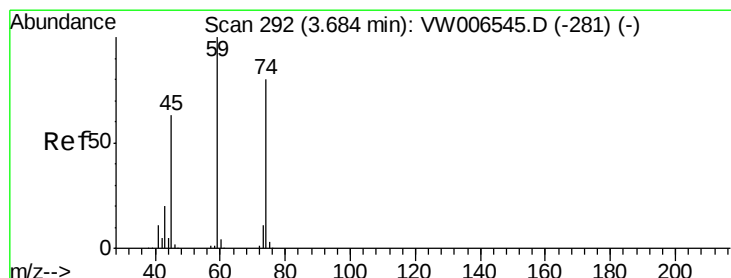
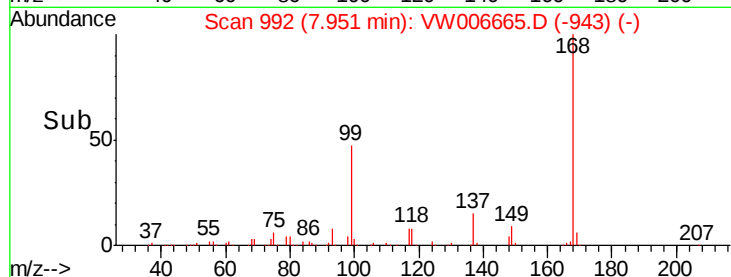
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.565 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006665.D

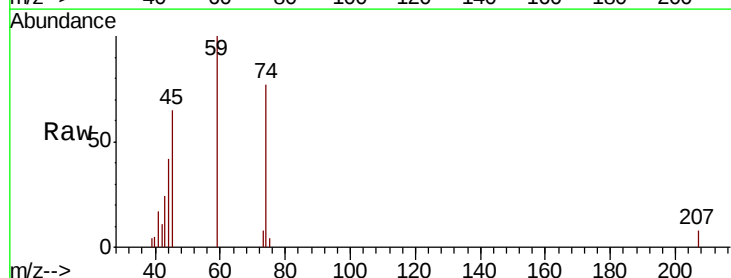
Acq: 06 Nov 2018 05:28

Tgt Ion: 74 Resp: 2502

Ion Ratio Lower Upper

74 100

45 92.5 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1200

1000

800

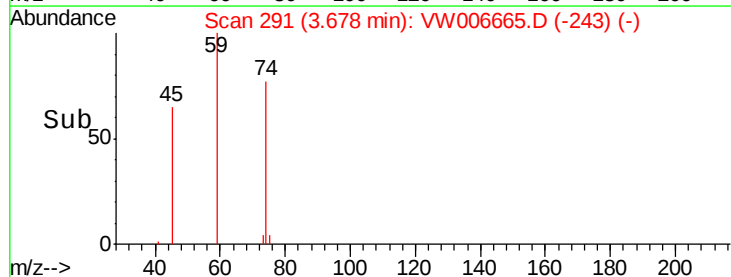
600

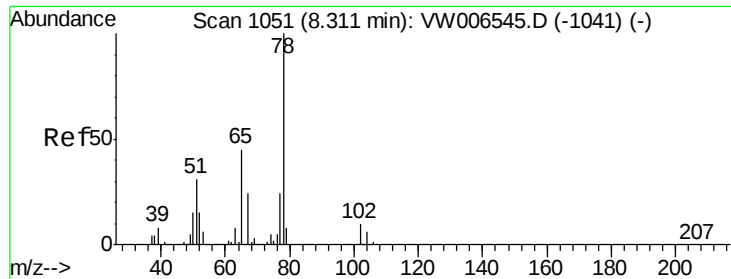
400

200

0

Time-->

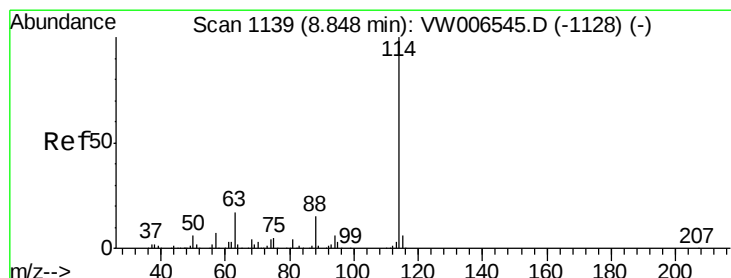
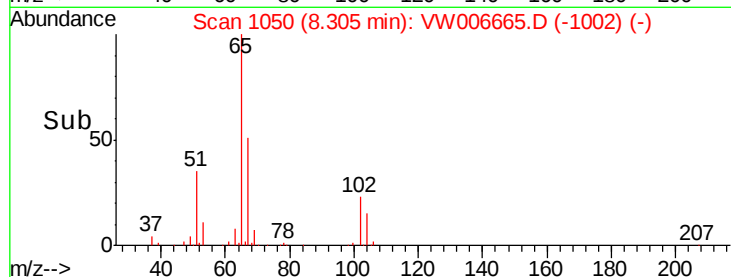
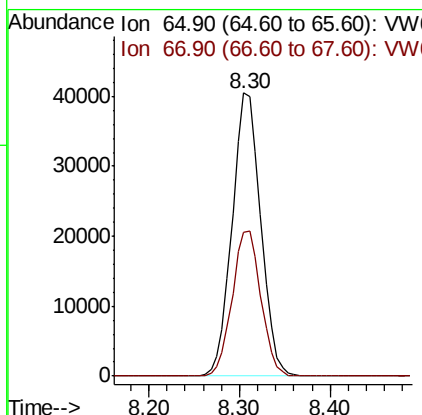
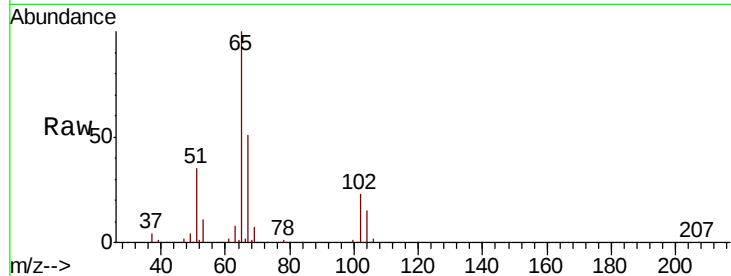




#33
 1,2-Dichloroethane-d4
 Concen: 45.747 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006665.D
 Acq: 06 Nov 2018 05:28

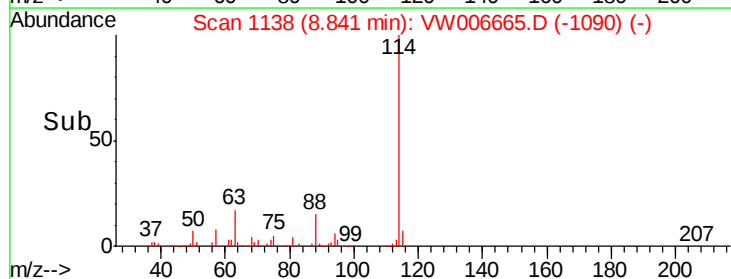
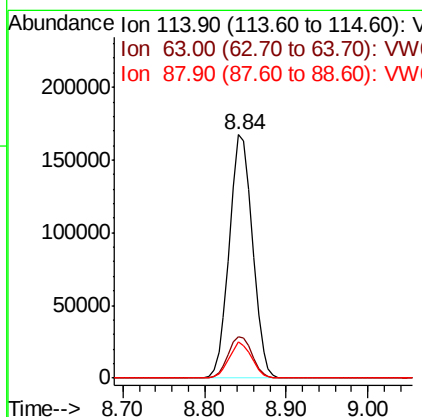
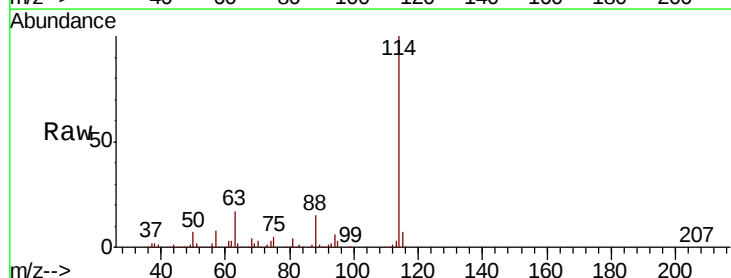
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-I

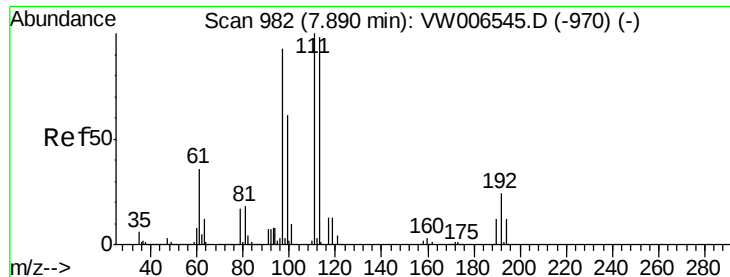
Tot Ion: 65 Resp: 88719
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006665.D
 Acq: 06 Nov 2018 05:28

Tgt Ion: 114 Resp: 328039
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.4
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 44.033 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006665.D

Acq: 06 Nov 2018 05:28

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-I

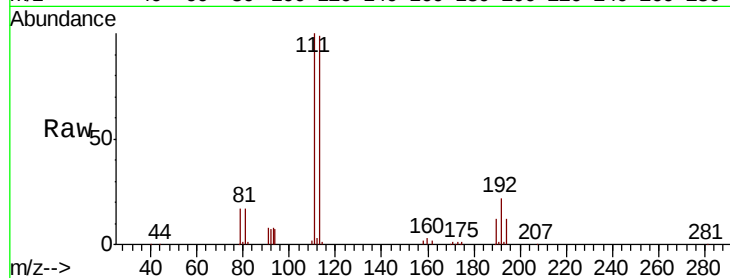
Tot Ion:113 Resp: 90650

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

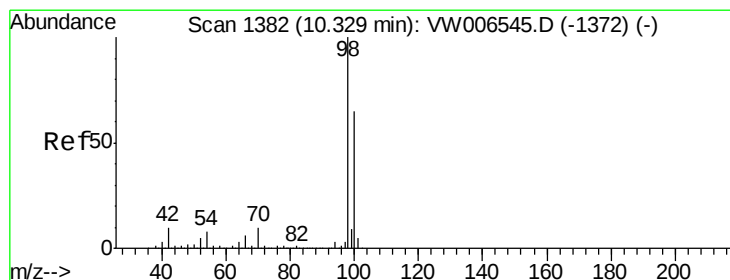
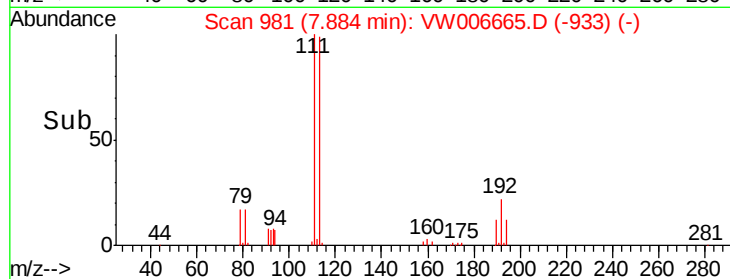
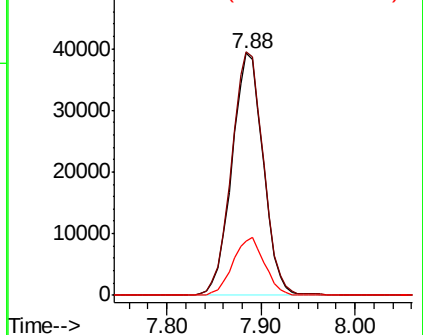
192 24.1 19.0 28.6



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: 28.963 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006665.D

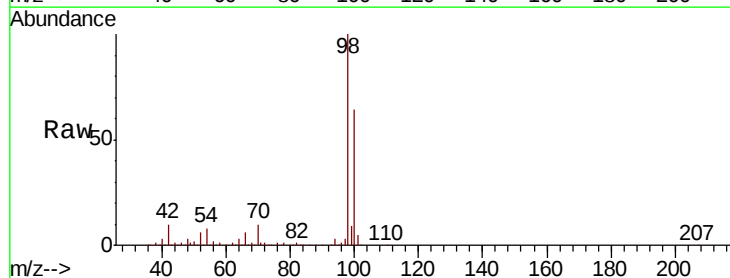
Acq: 06 Nov 2018 05:28

Tgt Ion: 98 Resp: 226989

Ion Ratio Lower Upper

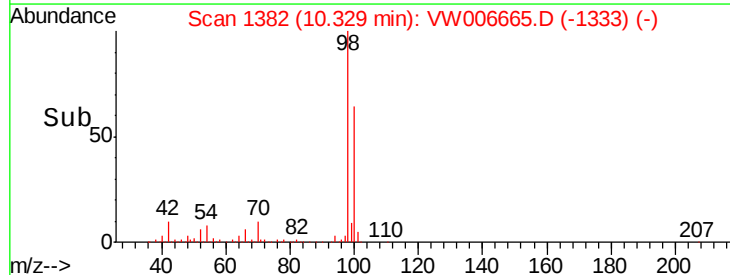
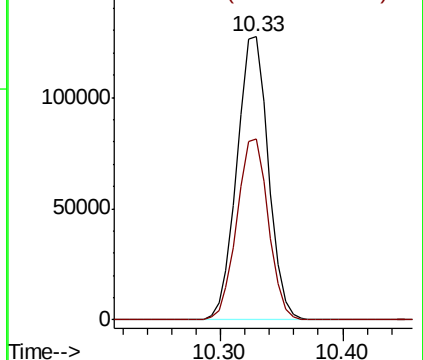
98 100

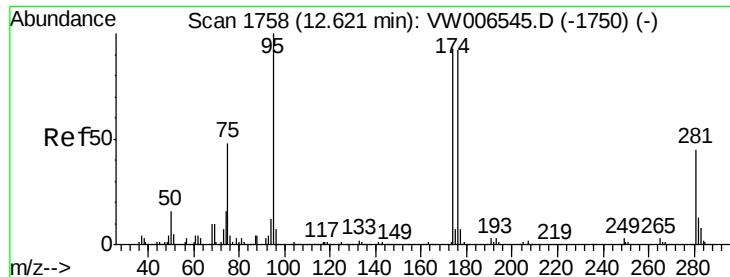
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

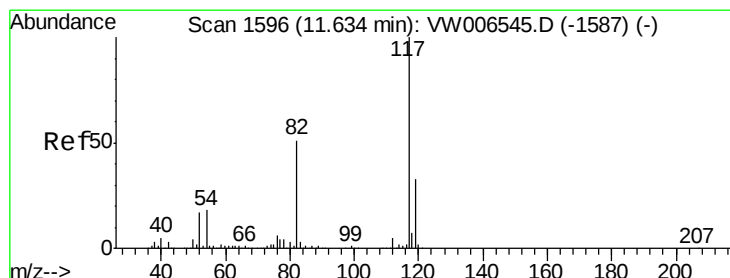
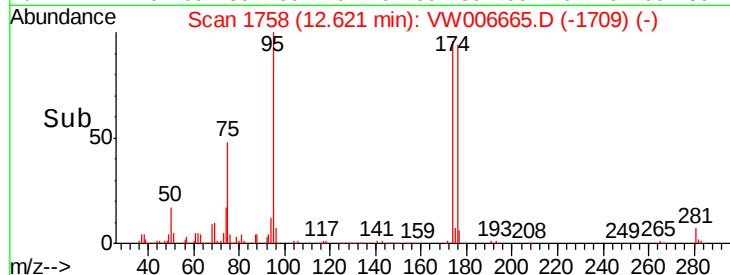
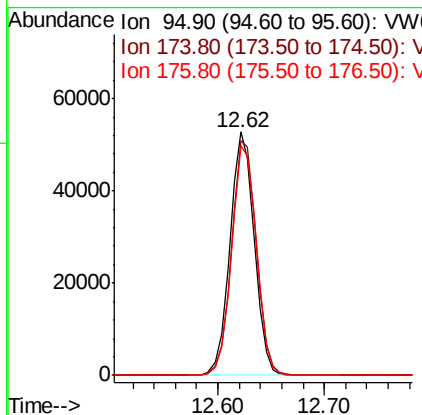
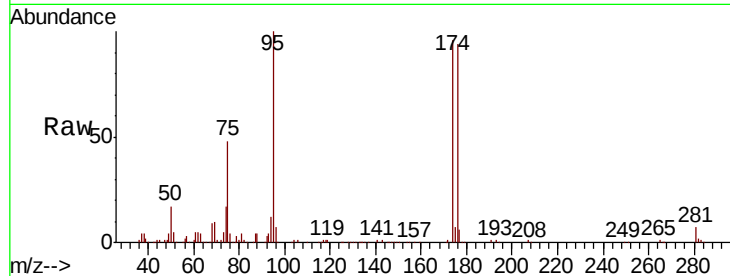




#62
4-Bromofluorobenzene
Concen: 29.657 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006665.D
Acq: 06 Nov 2018 05:28

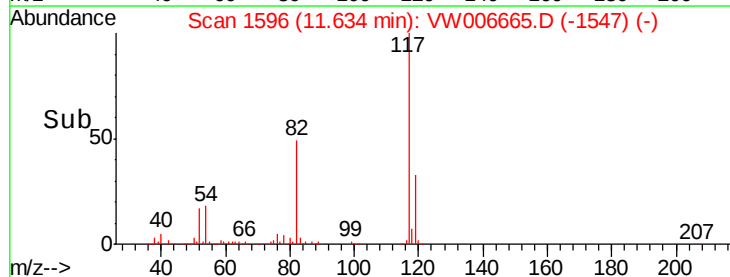
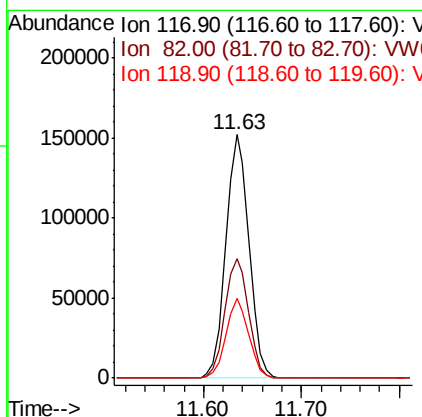
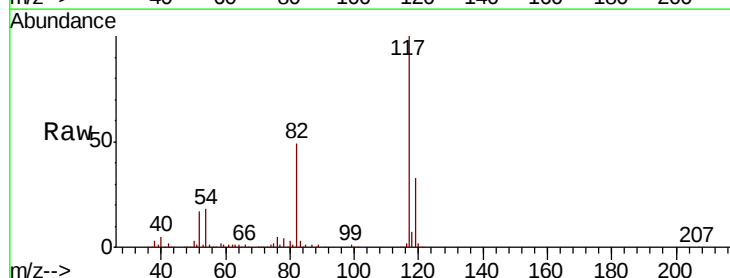
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-I

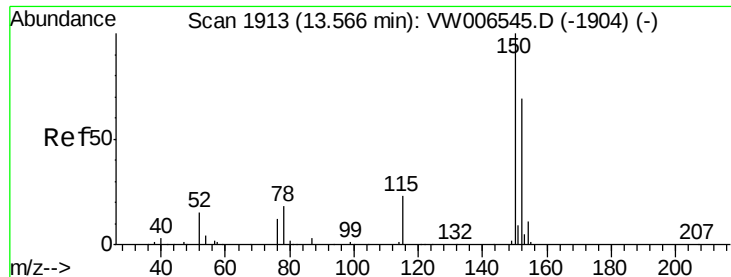
Tot Ion: 95 Resp: 84263
Ion Ratio Lower Upper
95 100
174 98.7 0.0 192.4
176 96.5 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006665.D
Acq: 06 Nov 2018 05:28

Tgt Ion: 117 Resp: 248522
Ion Ratio Lower Upper
117 100
82 49.2 40.8 61.2
119 32.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006665.D

Acq: 06 Nov 2018 05:28

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-I

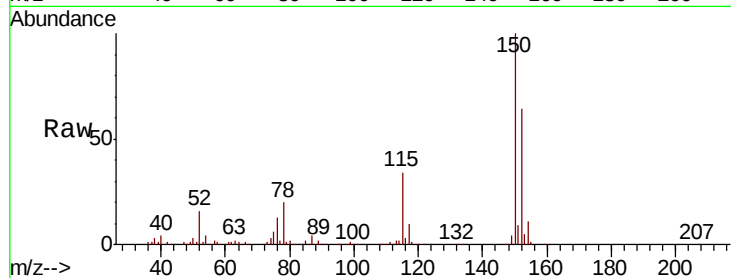
Tot Ion:152 Resp: 109594

Ion Ratio Lower Upper

152 100

115 54.4 26.6 79.8

150 157.2 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

