

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006715.D
 Acq On : 07 Nov 2018 05:29
 Operator : SY/AP
 Sample : J5764-17RE
 Misc : 6.36G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: Nov 07 12:39:24 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

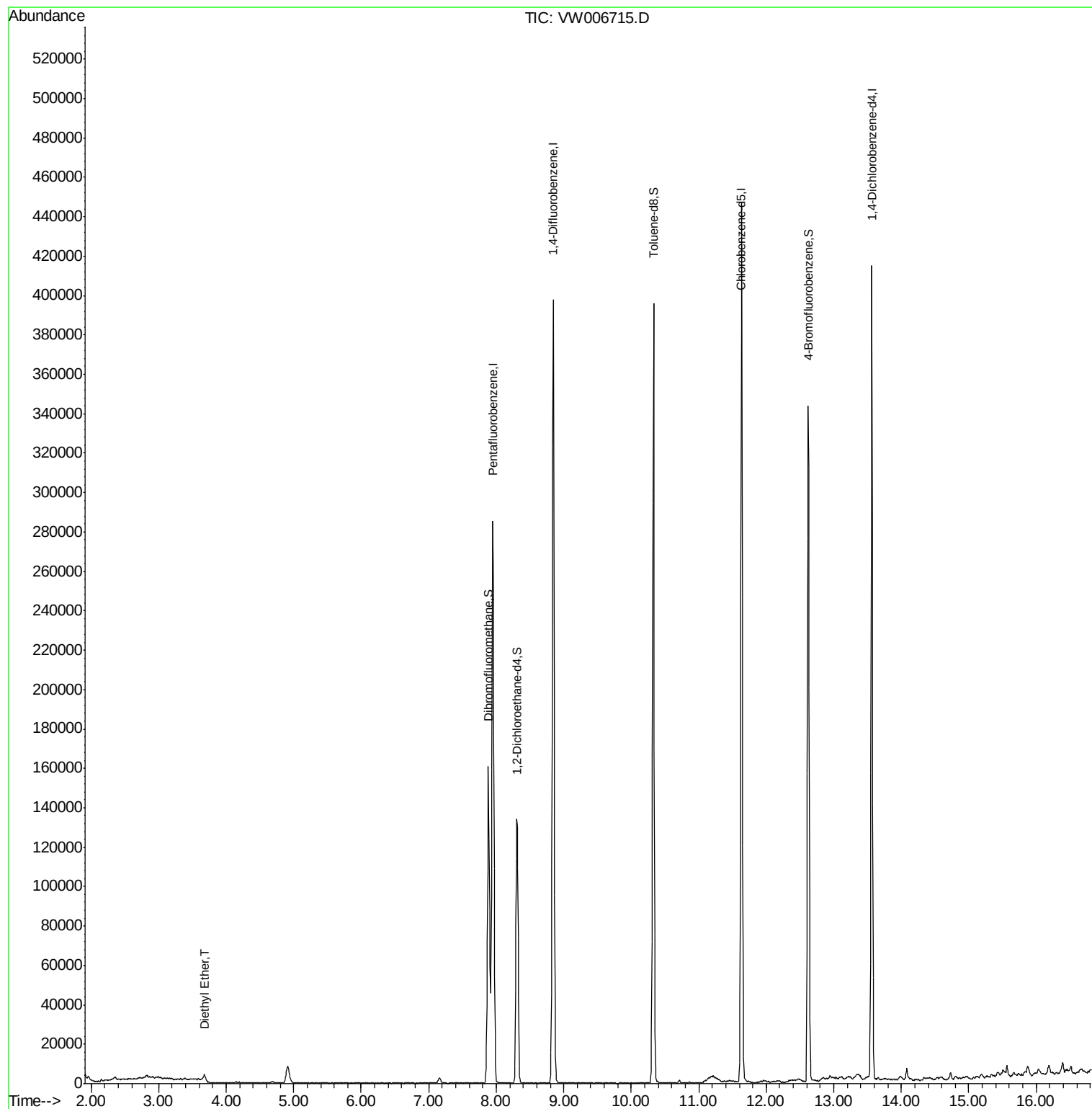
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	118679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	107568	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	7.88	113	111845	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	10.33	98	278412	32.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.62%	
62) 4-Bromofluorobenzene	12.62	95	105341	33.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.44%	
Target Compounds						
8) Diethyl Ether	3.68	74	2274	2.180	ug/l	Qvalue 90

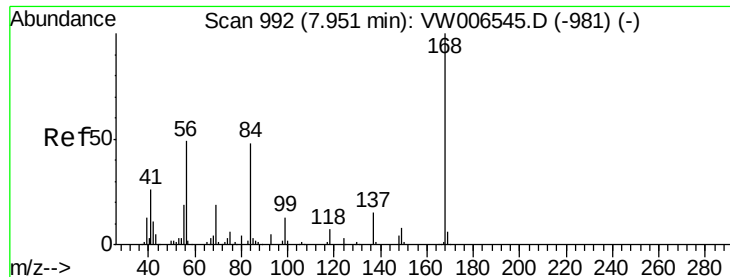
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006715.D

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ClientSampleId :

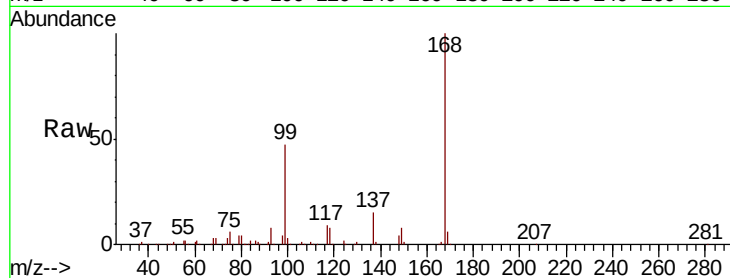
JC-03-110218-IRE

Tot Ion:168 Resp: 241337

Ion Ratio Lower Upper

168 100

99 47.1 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

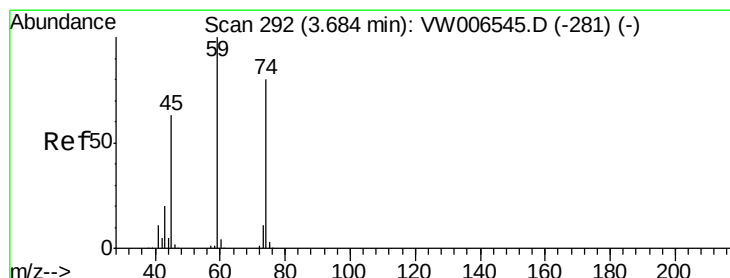
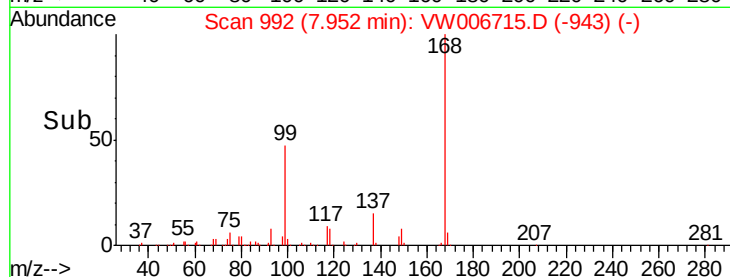
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.180 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006715.D

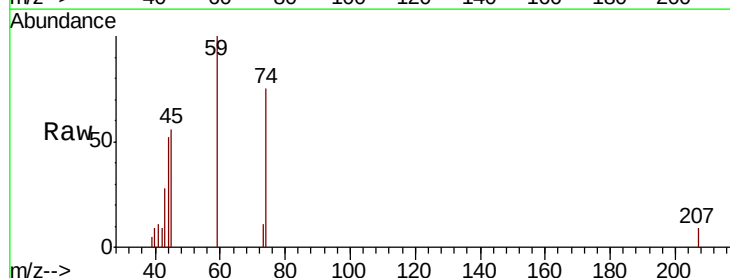
Acq: 07 Nov 2018 05:29

Tgt Ion: 74 Resp: 2274

Ion Ratio Lower Upper

74 100

45 91.5 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

1000

800

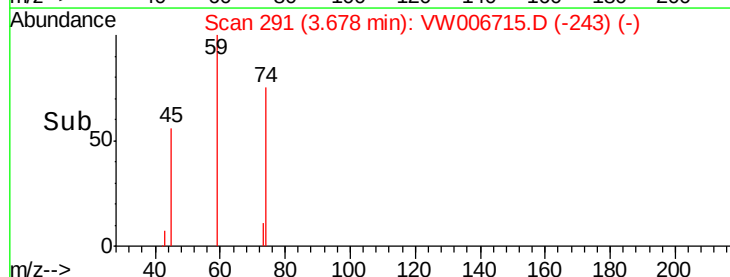
600

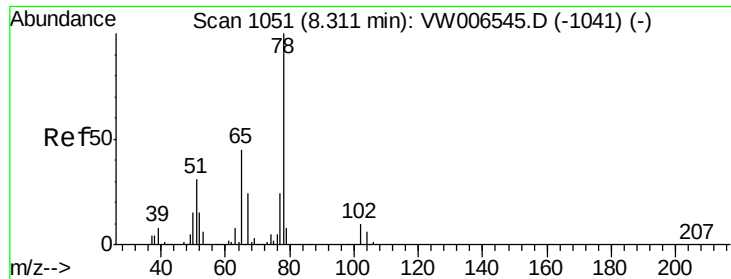
400

200

0

Time--> 3.60 3.65 3.70 3.75

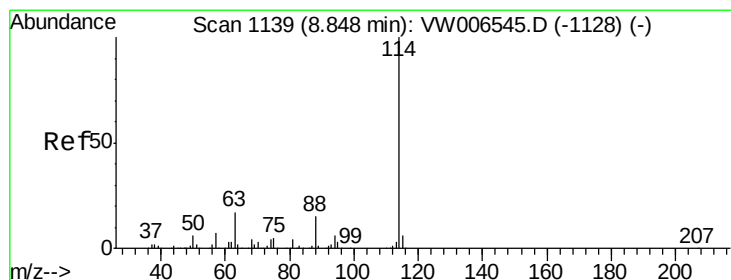
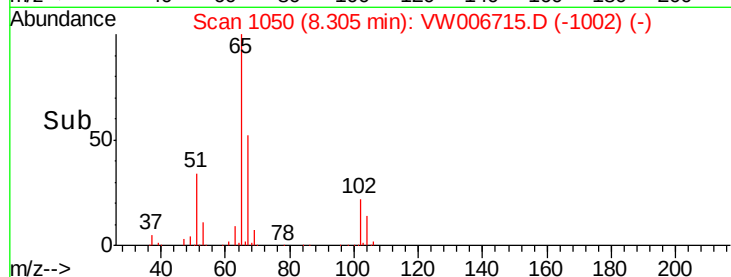
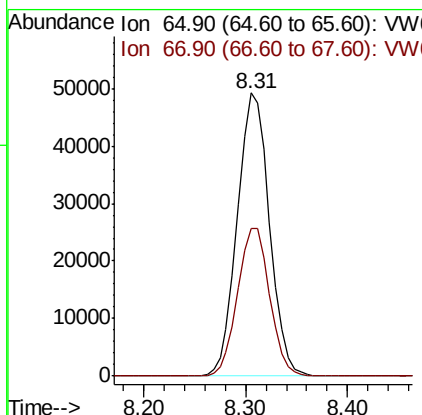
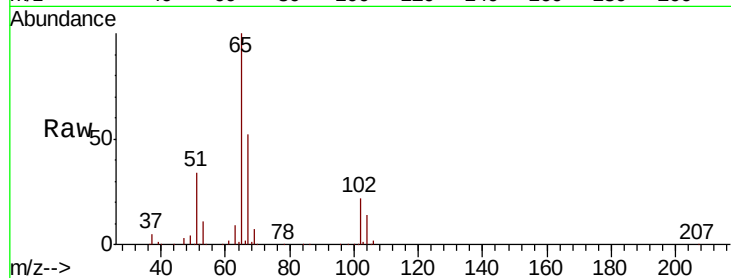




#33
 1,2-Dichloroethane-d4
 Concen: 51.852 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006715.D
 Acq: 07 Nov 2018 05:29

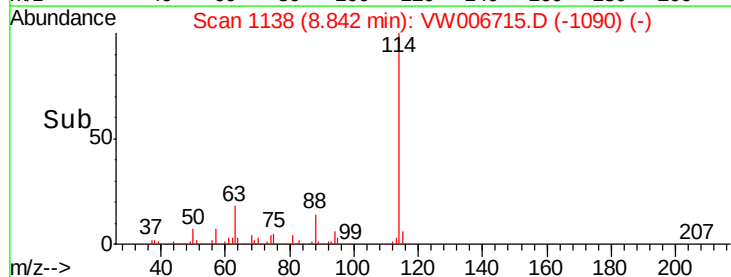
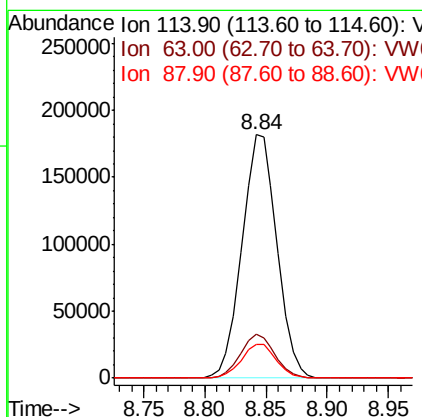
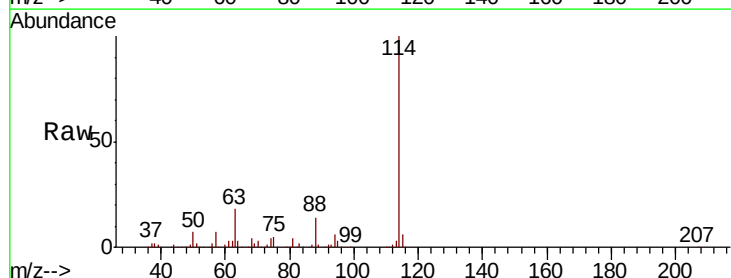
Instrument :
 MSVOA_W
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 JC-03-110218-IRE

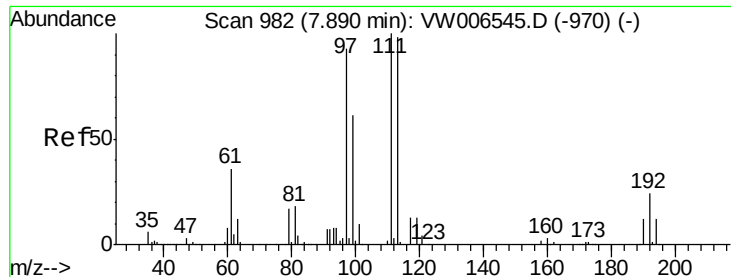
Tot Ion: 65 Resp: 107568
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006715.D
 Acq: 07 Nov 2018 05:29

Tgt Ion: 114 Resp: 360638
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.4
 88 14.1 0.0 29.0

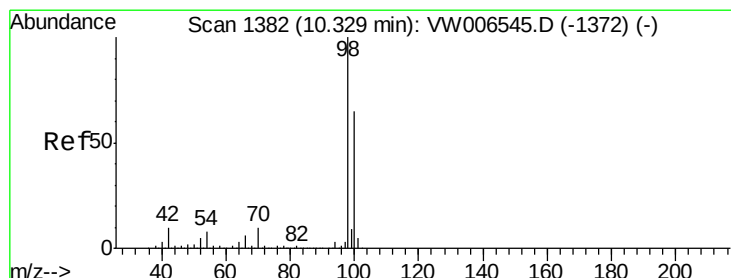
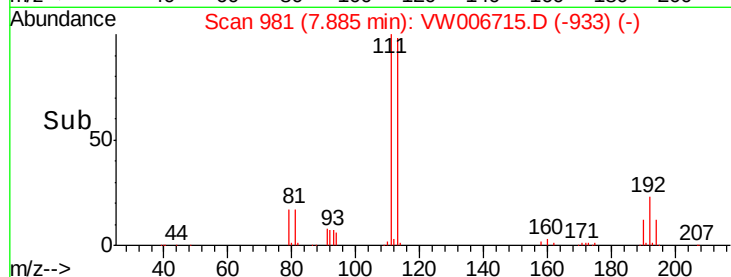
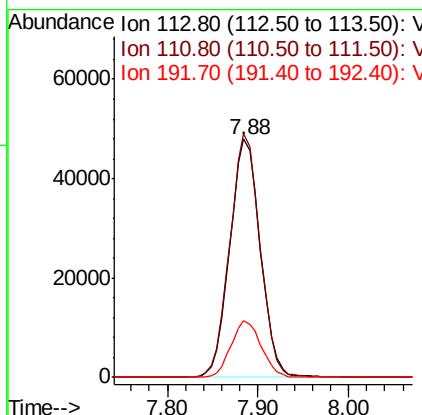
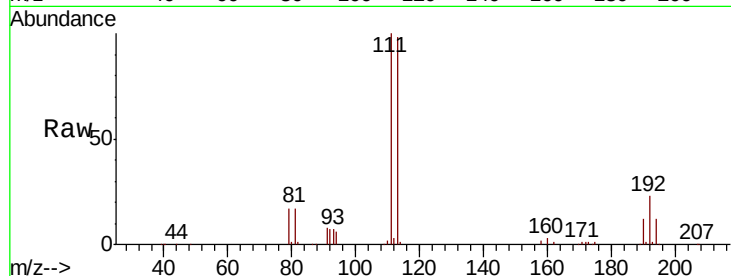




#35
 Dibromofluoromethane
 Concen: 49.417 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006715.D
 Acq: 07 Nov 2018 05:29

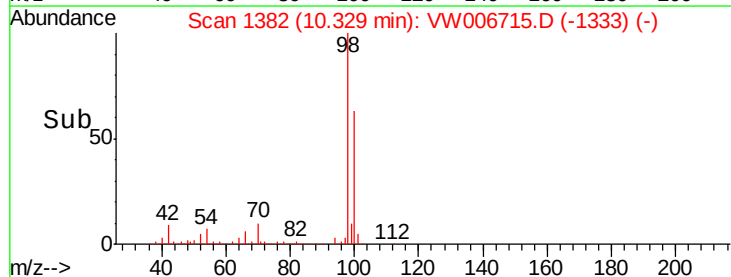
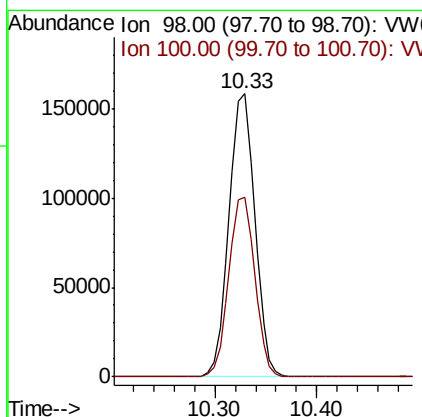
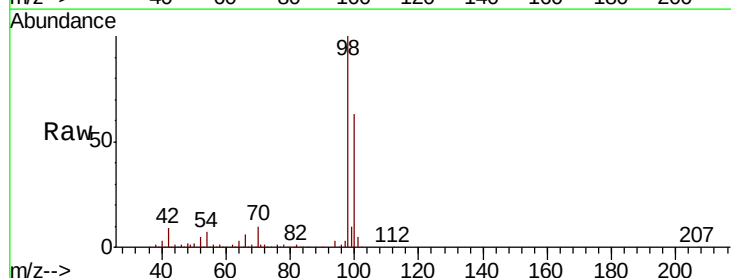
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-IRE

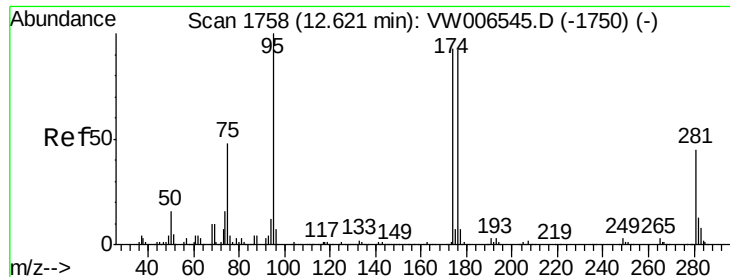
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.2
192	23.5	19.0	28.6



#50
 Toluene-d8
 Concen: 32.314 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006715.D
 Acq: 07 Nov 2018 05:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.6	77.4





#62

4-Bromofluorobenzene

Concen: 33.724 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006715.D

Acq: 07 Nov 2018 05:29

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-IRE

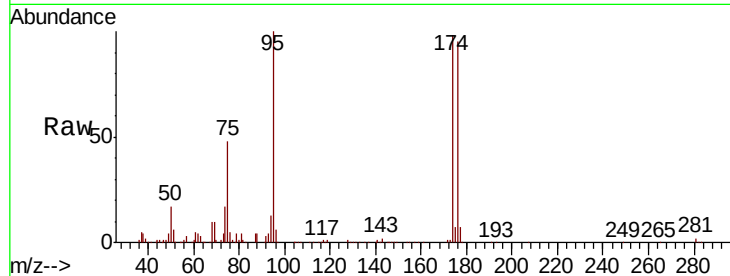
Tot Ion: 95 Resp: 105341

Ion Ratio Lower Upper

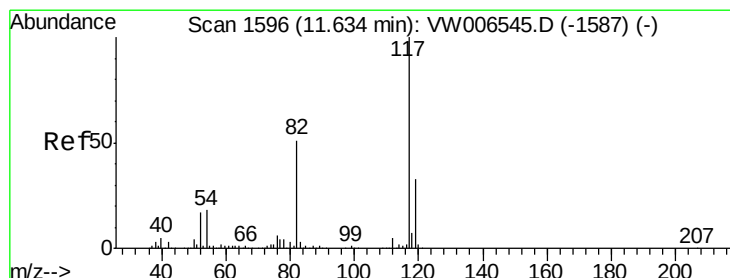
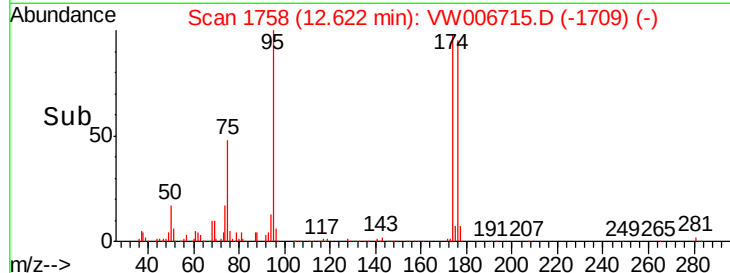
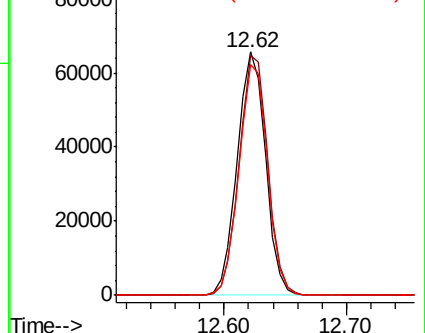
95 100

174 99.4 0.0 192.4

176 95.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006715.D

Acq: 07 Nov 2018 05:29

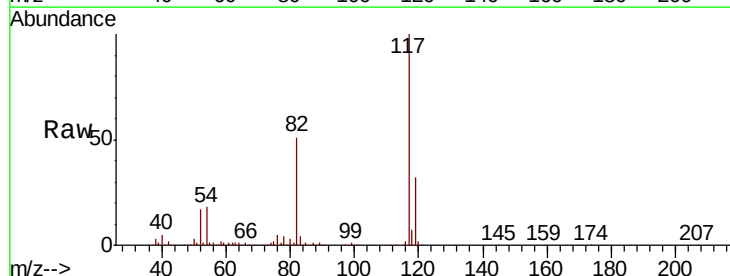
Tgt Ion: 117 Resp: 265490

Ion Ratio Lower Upper

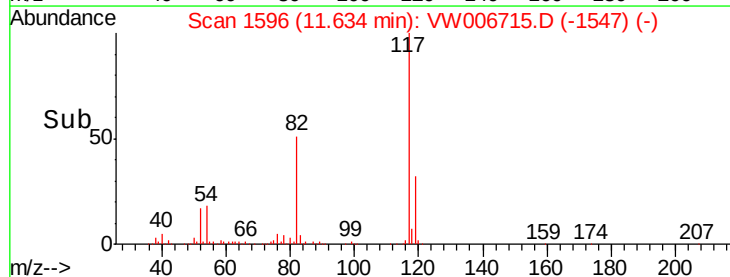
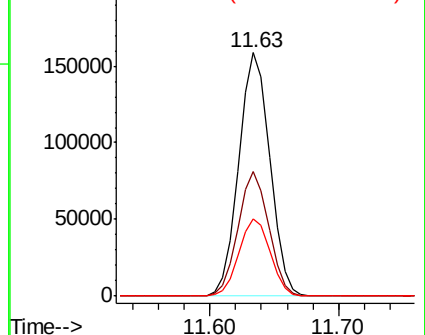
117 100

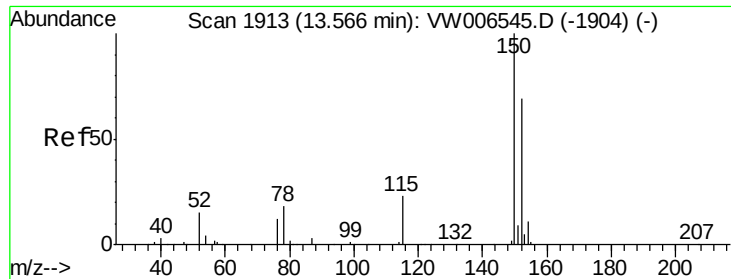
82 51.1 40.8 61.2

119 31.9 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): 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: VW006715.D

Acq: 07 Nov 2018 05:29

Instrument :

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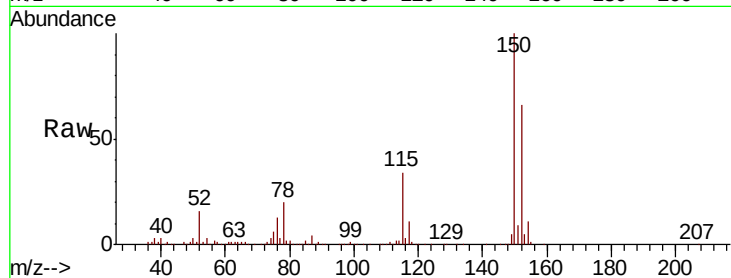
Tot Ion:152 Resp: 118679

Ion Ratio Lower Upper

152 100

115 53.9 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

