

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006664.D
 Acq On : 06 Nov 2018 05:02
 Operator : SY/AP
 Sample : J5764-15
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Nov 06 05:45:35 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	212639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75738	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84555	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	7.88	113	87738	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.32	98	100859	14.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.94%	
62) 4-Bromofluorobenzene	12.62	95	66786	26.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.88%	

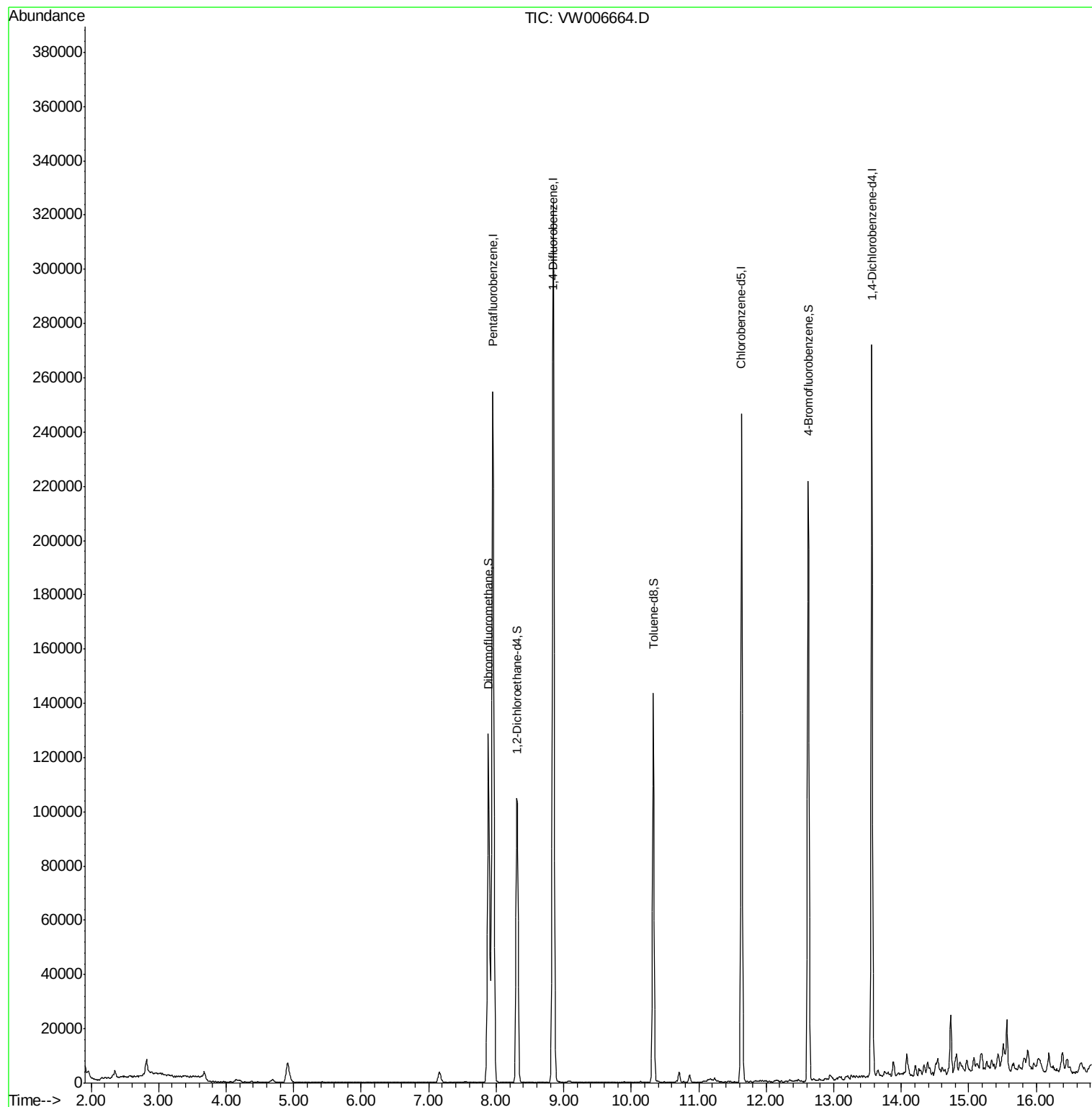
Target Compounds	Qvalue

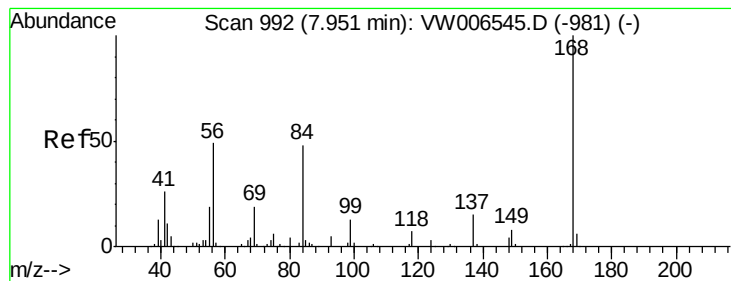
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006664.D

Acq: 06 Nov 2018 05:02

Instrument :

MSVOA_W

ClientSampleId :

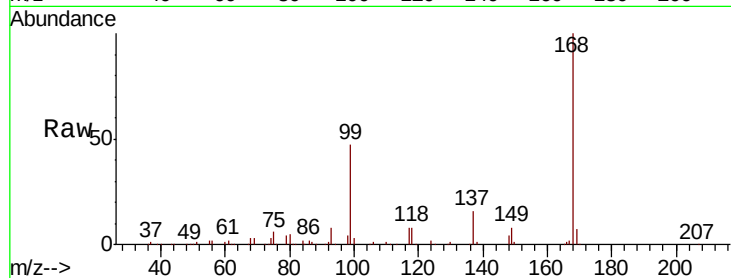
JC-03-110218-H

Tot Ion:168 Resp: 212639

Ion Ratio Lower Upper

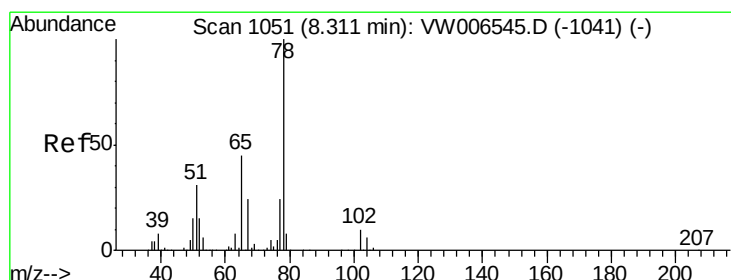
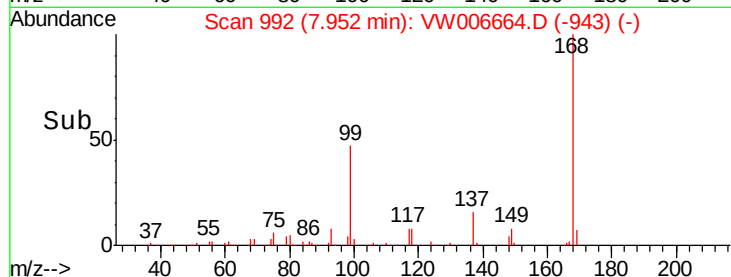
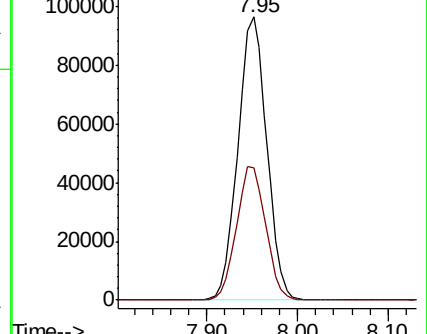
168 100

99 46.8 37.4 56.0



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: 46.260 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006664.D

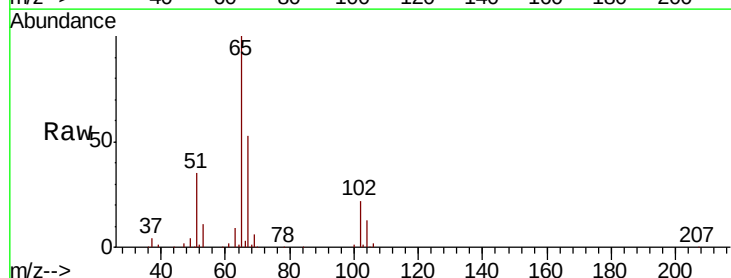
Acq: 06 Nov 2018 05:02

Tgt Ion: 65 Resp: 84555

Ion Ratio Lower Upper

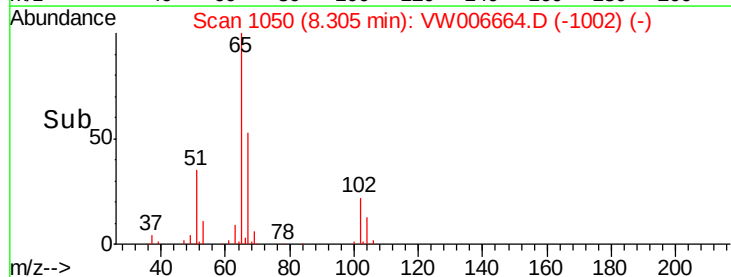
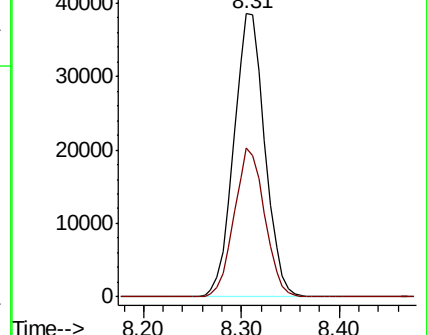
65 100

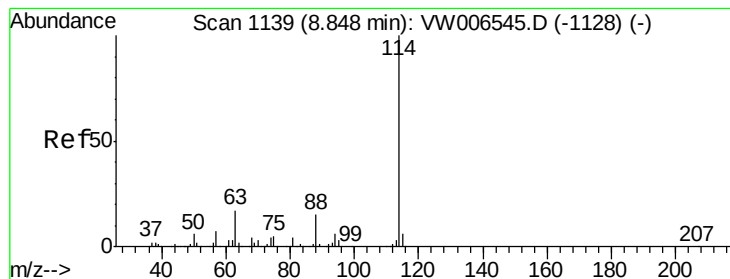
67 51.6 0.0 104.4



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: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006664.D

Acq: 06 Nov 2018 05:02

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-H

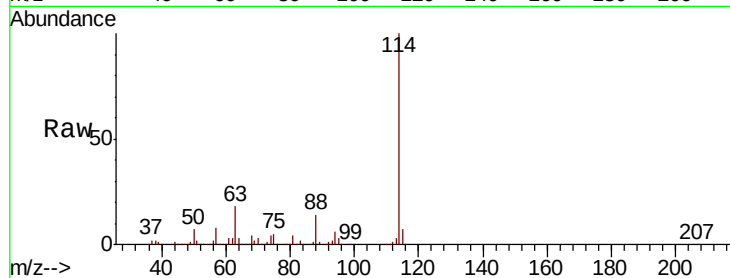
Tot Ion:114 Resp: 291684

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.2 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

200000

150000

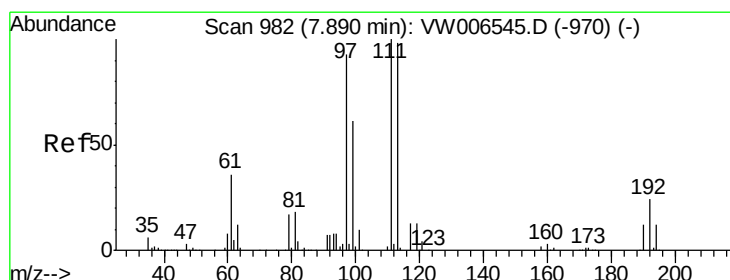
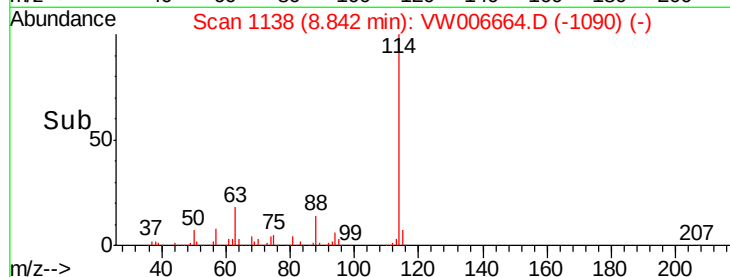
100000

50000

0

8.80 8.90

Time-->



#35

Dibromofluoromethane

Concen: 47.930 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006664.D

Acq: 06 Nov 2018 05:02

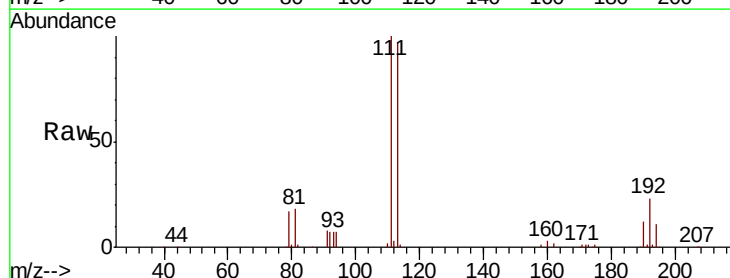
Tgt Ion:113 Resp: 87738

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 23.5 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

50000

40000

30000

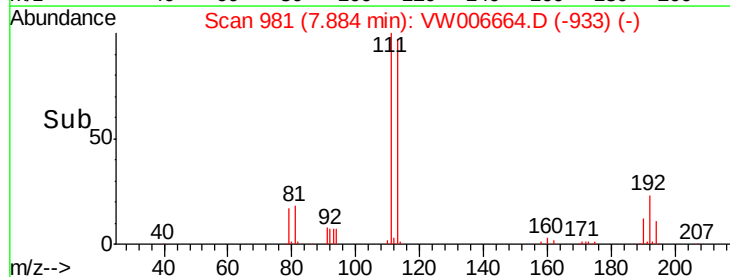
20000

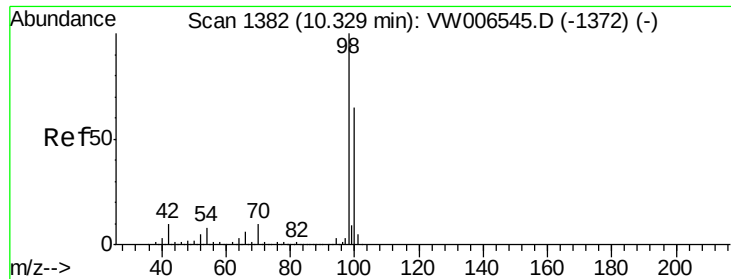
10000

0

7.80 7.90 8.00

Time-->

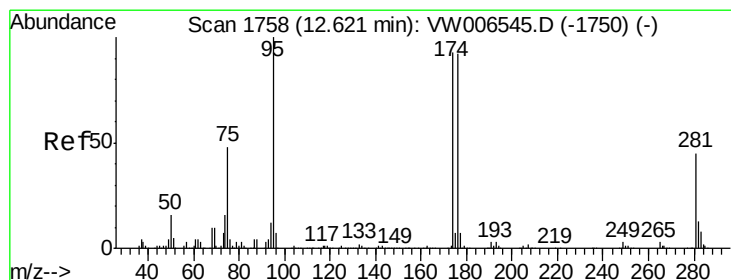
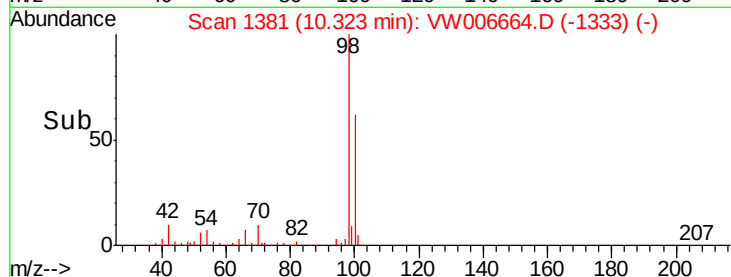
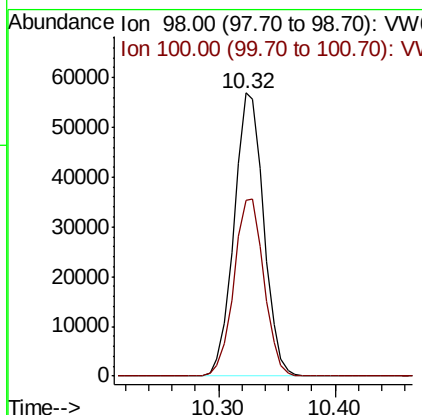
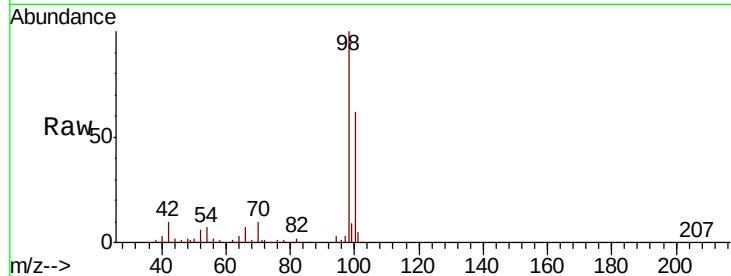




#50
Toluene-d8
Concen: 14.473 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006664.D
Acq: 06 Nov 2018 05:02

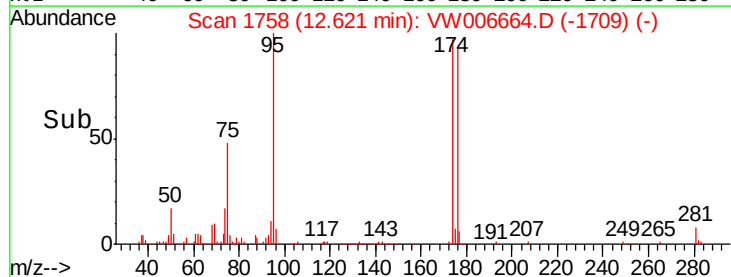
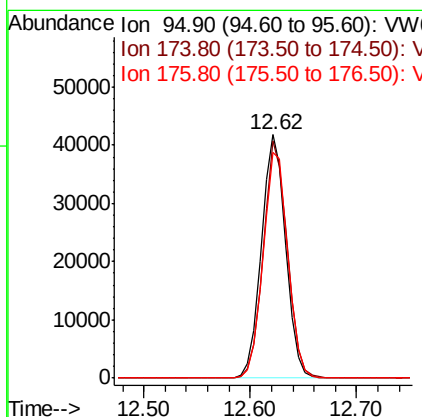
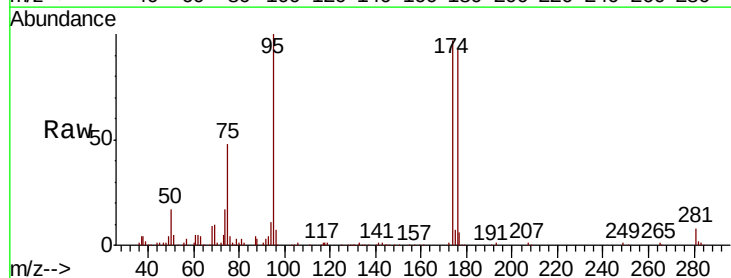
Instrument :
MSVOA_W
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JC-03-110218-H

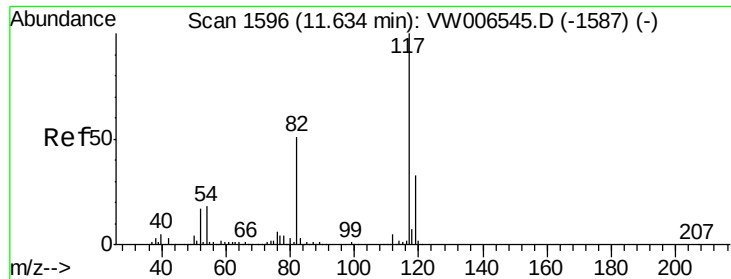
Tot Ion: 98 Resp: 100859
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 26.436 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006664.D
Acq: 06 Nov 2018 05:02

Tgt Ion: 95 Resp: 66786
Ion Ratio Lower Upper
95 100
174 96.4 0.0 192.4
176 94.4 0.0 187.4

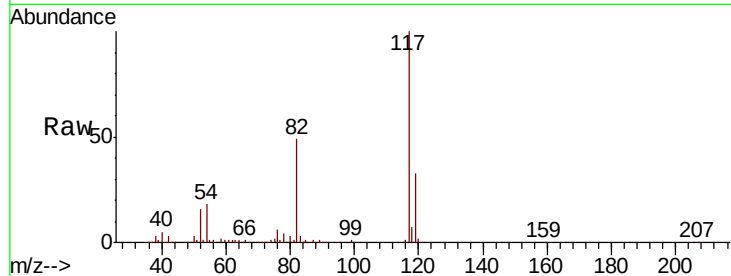




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006664.D
Acq: 06 Nov 2018 05:02

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.9	40.8	61.2
119	32.8	26.1	39.1

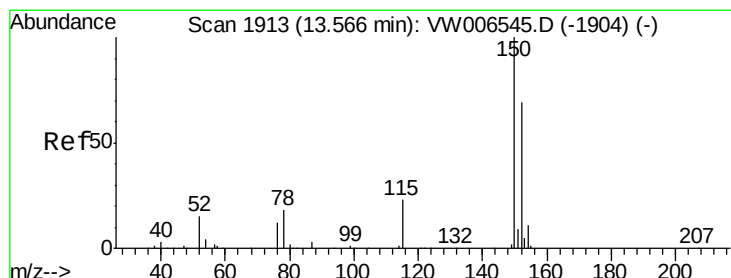
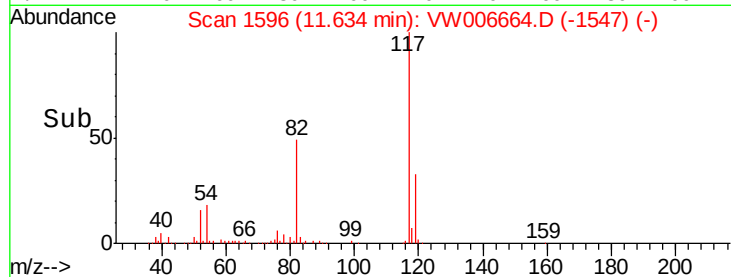
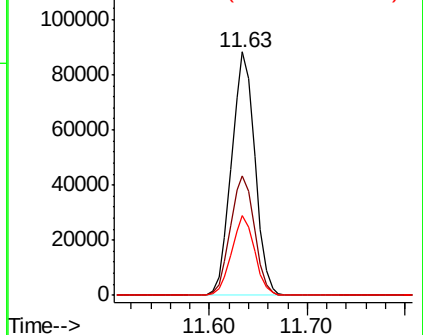


Abundance

Ion 116.90 (116.60 to 117.60): V

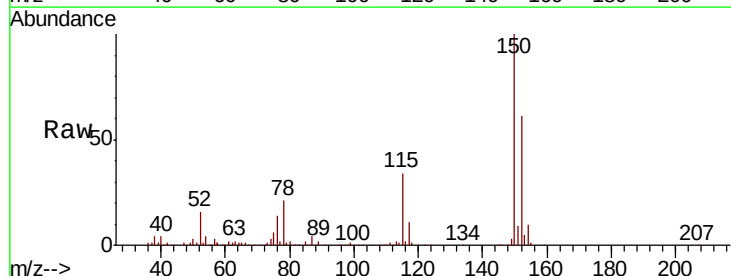
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006664.D
Acq: 06 Nov 2018 05:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	26.6	79.8
150	158.9	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

