

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004017.D
 Acq On : 18 Jul 2018 07:20
 Operator : VA/AP
 Sample : J3819-05RE
 Misc : 5.53G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-CRE

Quant Time: Jul 18 08:02:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

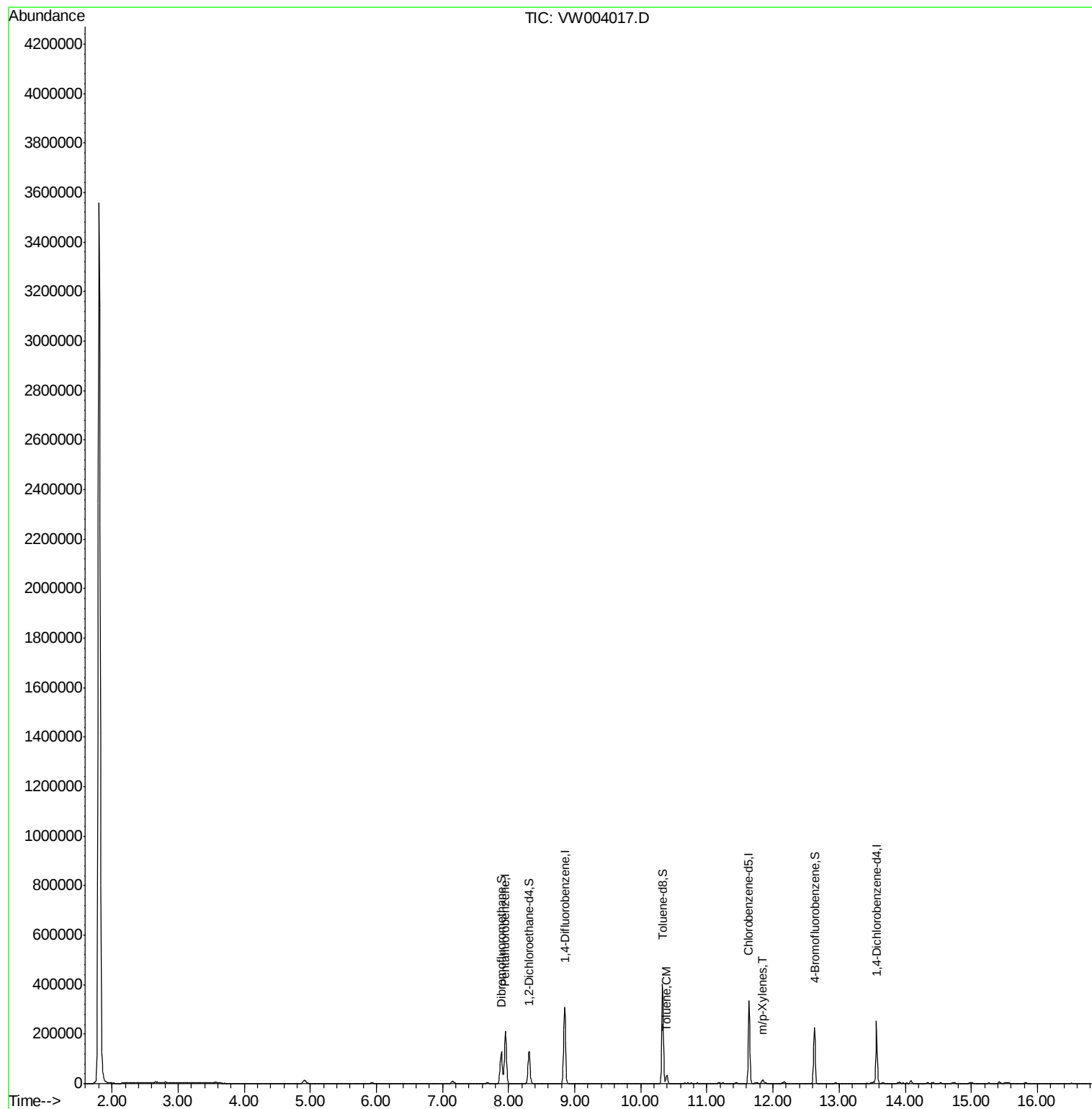
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	151384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	244504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	182762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	63094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105142	62.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.26%	
35) Dibromofluoromethane	7.88	113	91296	58.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.38%	
50) Toluene-d8	10.33	98	257217	42.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.50%	
62) 4-Bromofluorobenzene	12.63	95	68754	31.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.64%	
Target Compounds						
52) Toluene	10.39	92	12957	3.00	ug/l	Qvalue 100
68) m/p-Xylenes	11.84	106	4292	1.64	ug/l	99

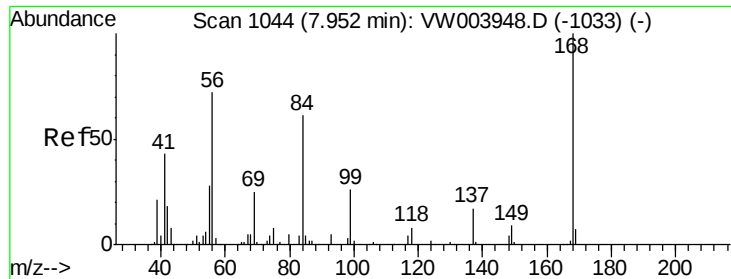
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004017.D

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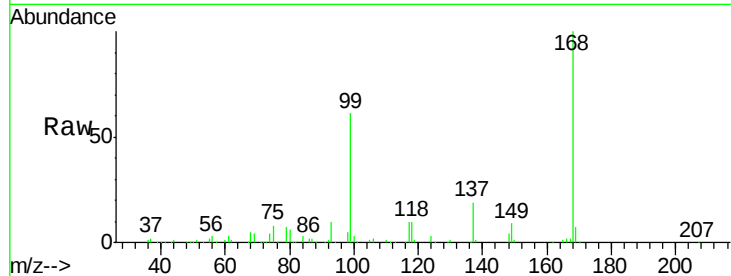
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-CRE

Tot Ion:168 Resp: 151384

Ion Ratio Lower Upper

168 100

99 60.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

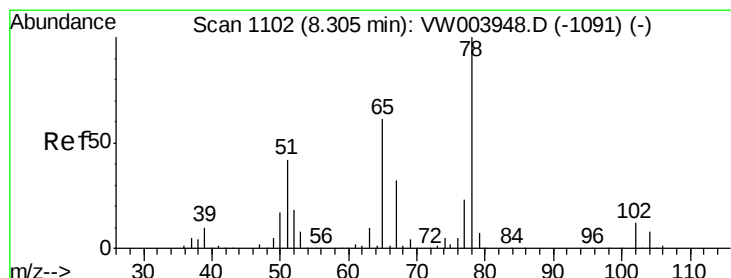
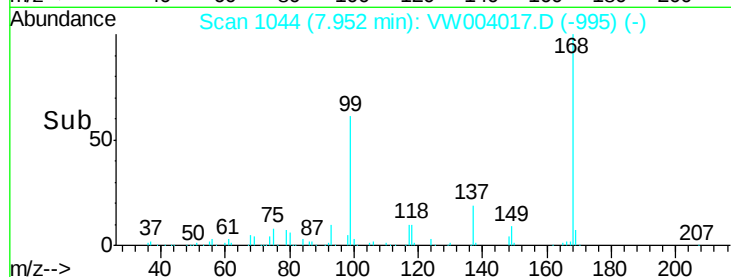
40000

20000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.13 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004017.D

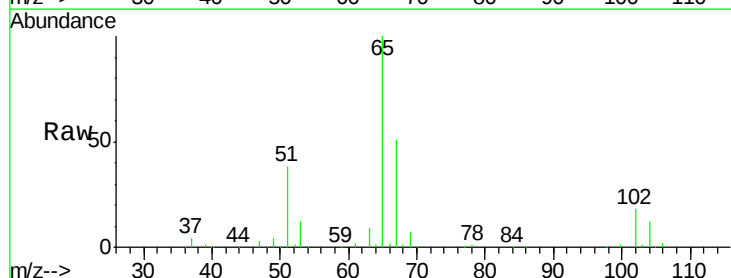
Acq: 18 Jul 2018 07:20

Tgt Ion: 65 Resp: 105142

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

30000

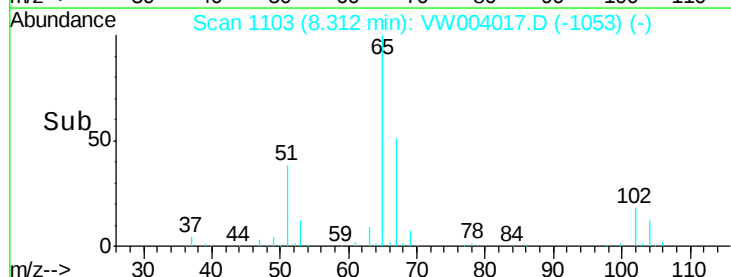
20000

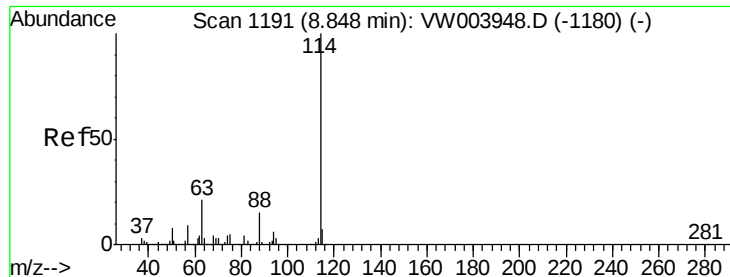
10000

0

8.20 8.30 8.40

Time-->

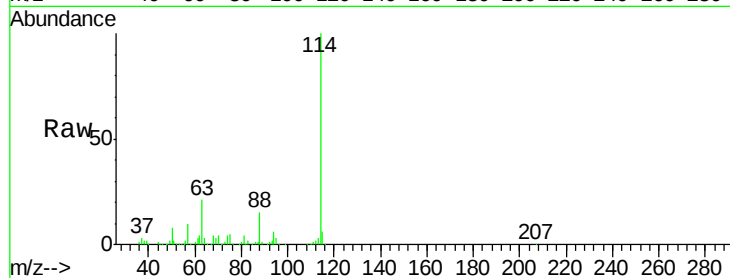




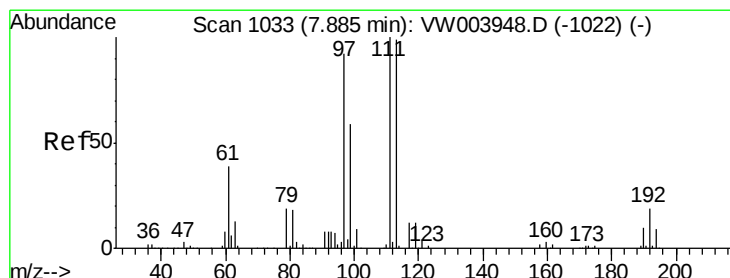
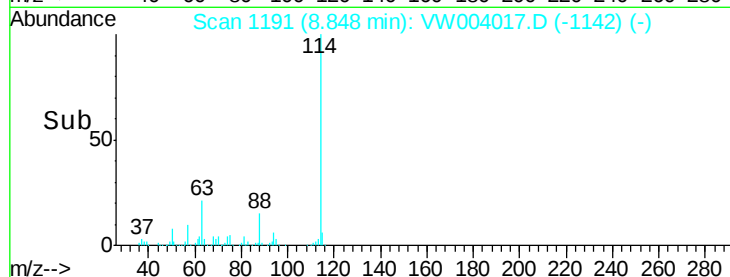
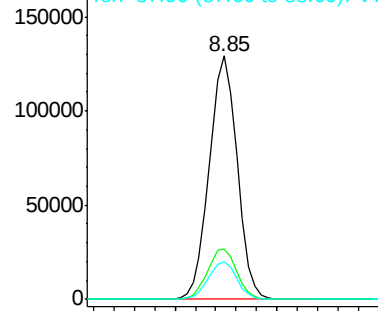
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-CRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.8
88	15.3	0.0	30.4

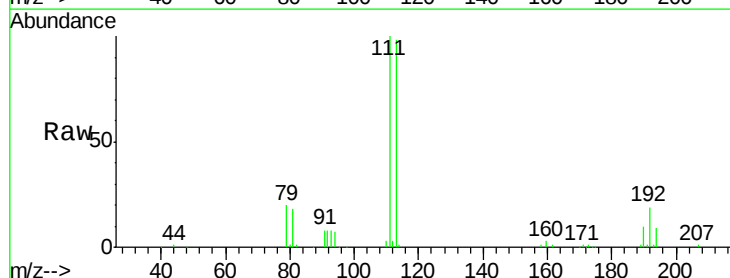


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

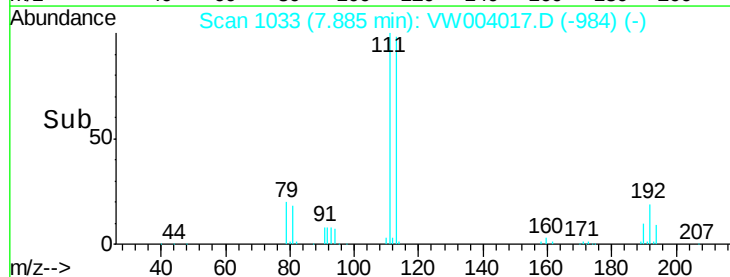
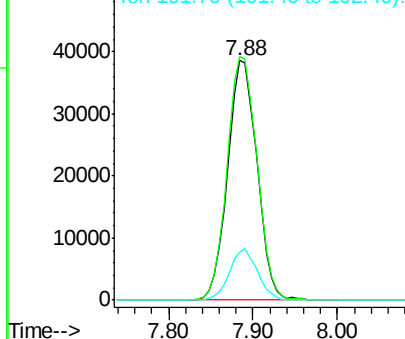


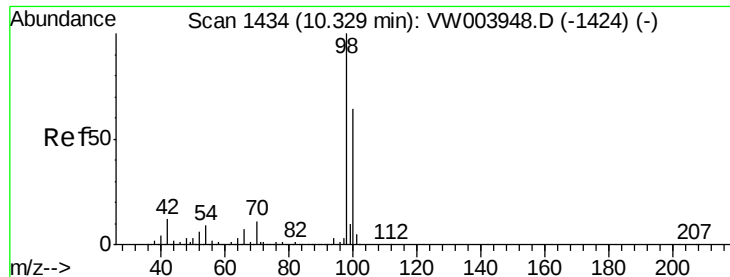
#35
Dibromofluoromethane
Concen: 58.19 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	20.3	15.8	23.6



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: 42.25 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004017.D

Acq: 18 Jul 2018 07:20

Instrument :

MSVOA_W

ClientSampleId :

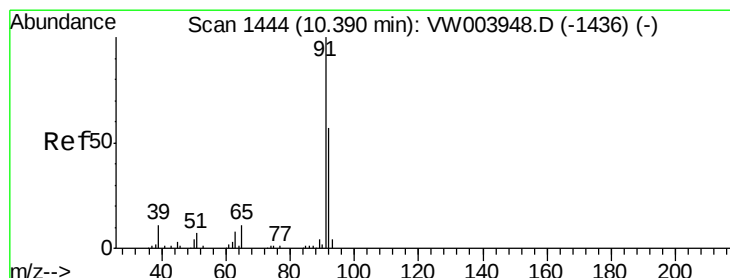
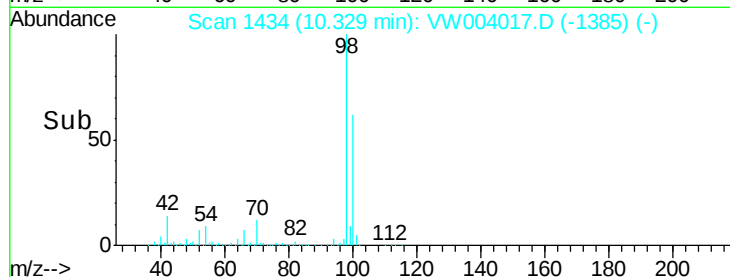
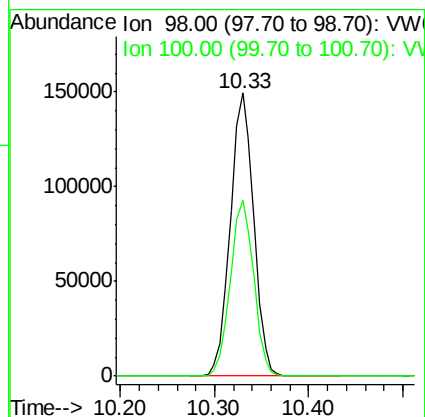
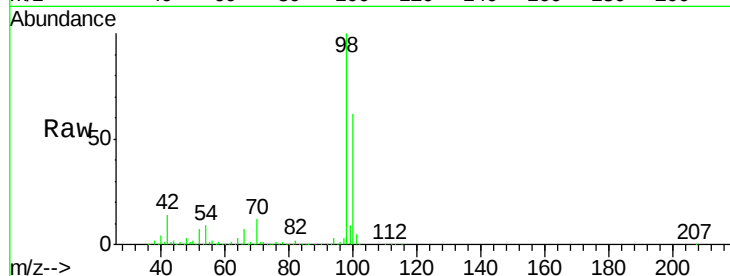
AU-05-071318-CRE

Tot Ion: 98 Resp: 257217

Ion Ratio Lower Upper

98 100

100 62.0 51.2 76.8



#52

Toluene

Concen: 3.00 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004017.D

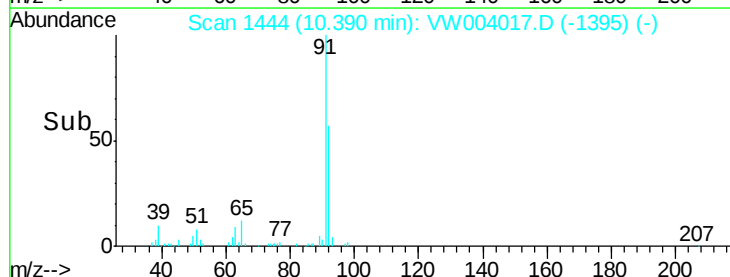
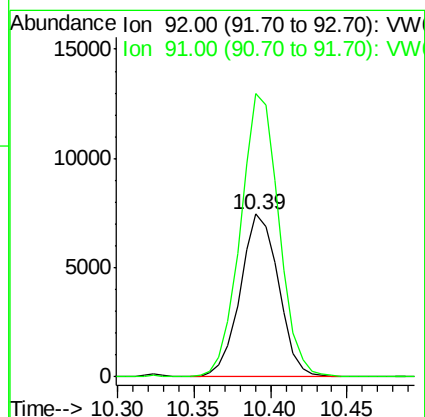
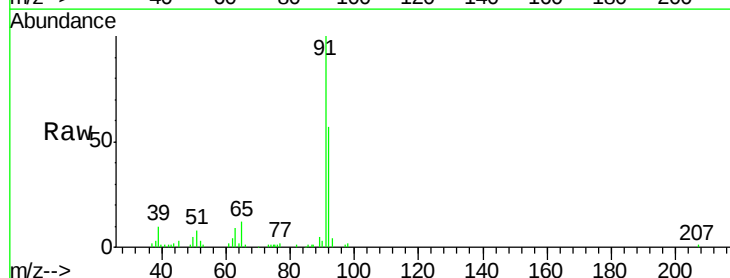
Acq: 18 Jul 2018 07:20

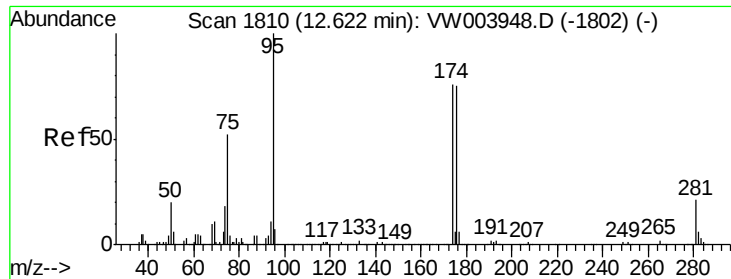
Tgt Ion: 92 Resp: 12957

Ion Ratio Lower Upper

92 100

91 174.5 139.6 209.4

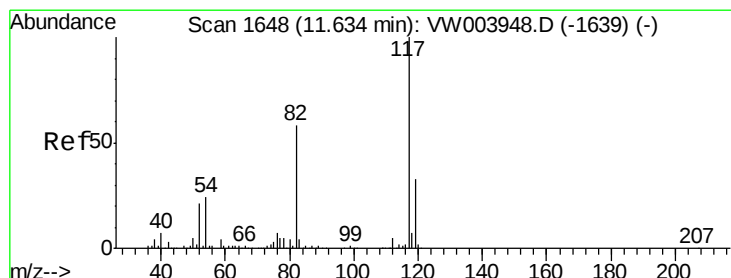
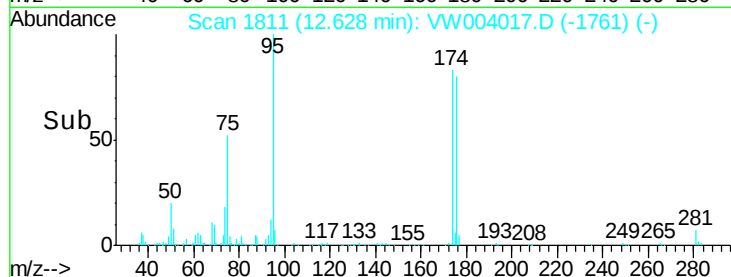
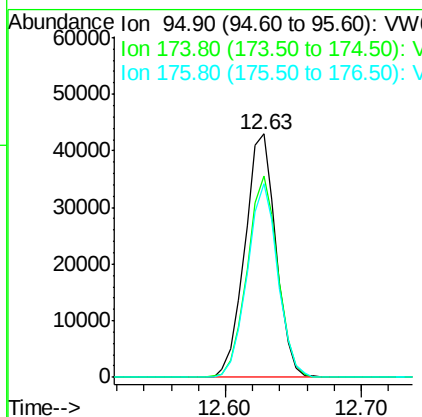
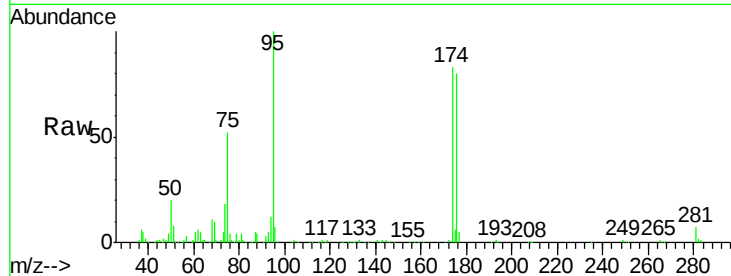




#62
4-Bromofluorobenzene
Concen: 31.32 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

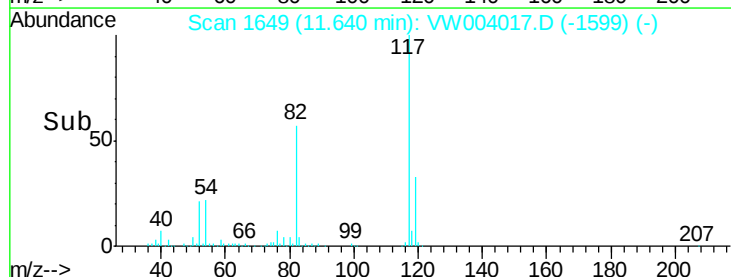
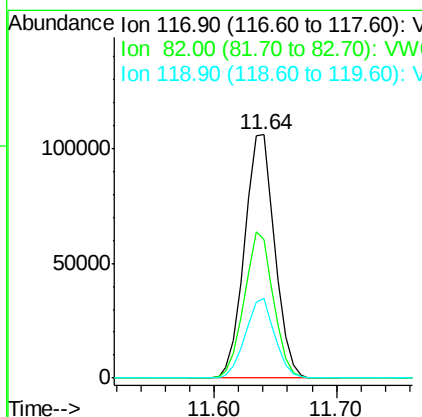
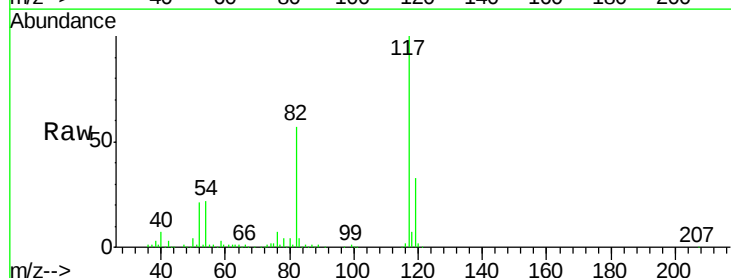
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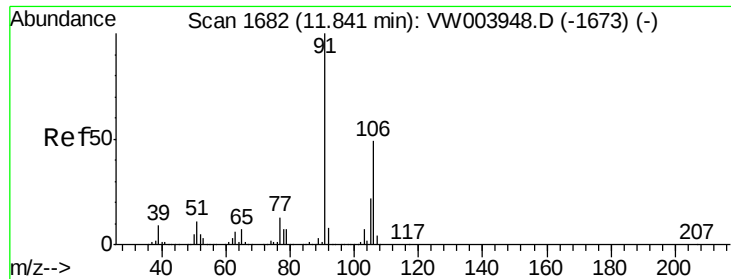
Tot Ion: 95 Resp: 68754
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.2
176 78.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

Tgt Ion: 117 Resp: 182762
Ion Ratio Lower Upper
117 100
82 57.0 46.5 69.7
119 32.8 26.2 39.2

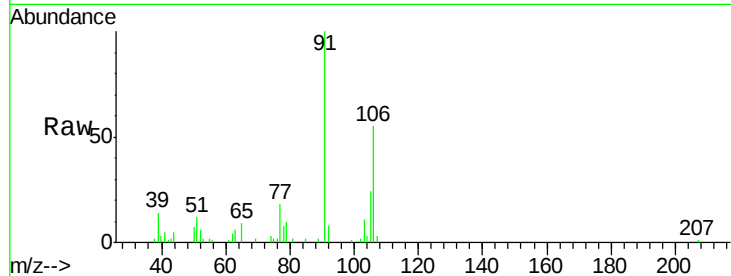




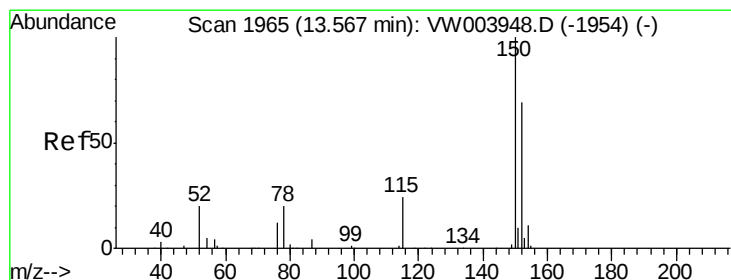
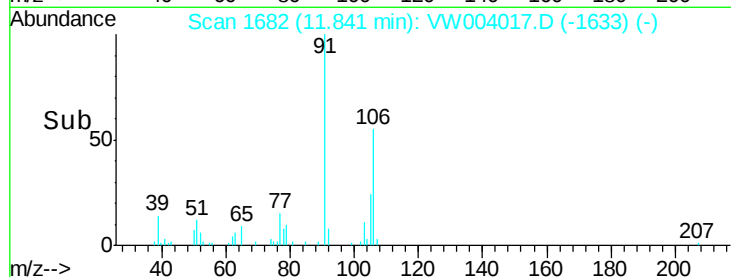
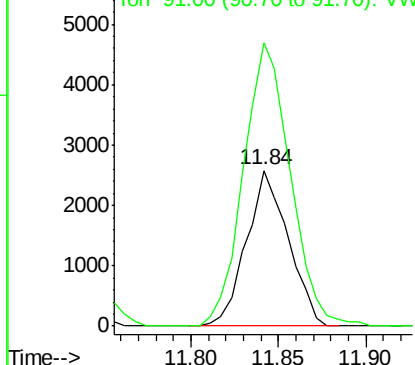
#68
m/p-Xvlenes
Concen: 1.64 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-CRE

Tot Ion:106 Resp: 4292
Ion Ratio Lower Upper
106 100
91 203.7 164.2 246.2

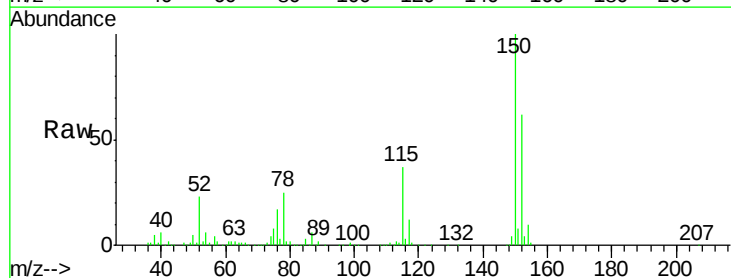


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

Tgt Ion:152 Resp: 63094
Ion Ratio Lower Upper
152 100
115 58.8 29.2 87.6
150 156.0 0.0 345.2



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

