

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007852.D
 Acq On : 22 Dec 2018 19:20
 Operator : SY/AP
 Sample : J6388-13RE
 Misc : 6.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS010-1824-01RE

Quant Time: Dec 24 03:10:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

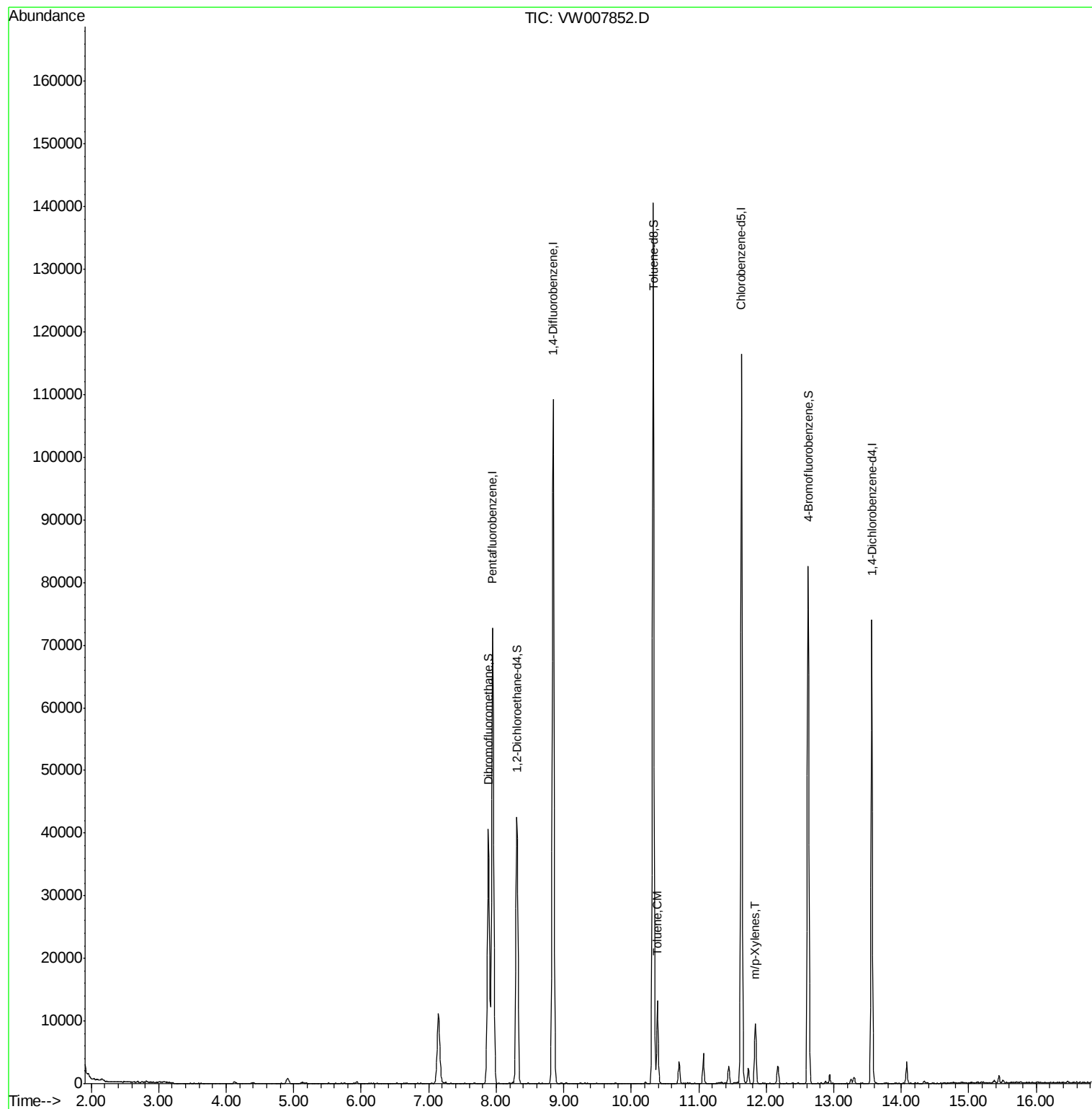
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	54000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	95146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	66624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	19386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35530	60.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.06%	
35) Dibromofluoromethane	7.88	113	29747	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	10.32	98	96171	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
62) 4-Bromofluorobenzene	12.62	95	26334	31.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.30%	
Target Compounds						
52) Toluene	10.39	92	5968	3.630	ug/l	99
68) m/p-Xylenes	11.84	106	3077	3.206	ug/l	96

(#) = 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. 0.01 min

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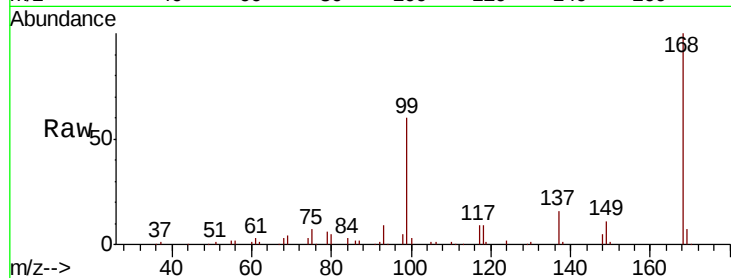
P001-SS010-1824-01RE

Tgt Ion:168 Resp: 54000

Ion Ratio Lower Upper

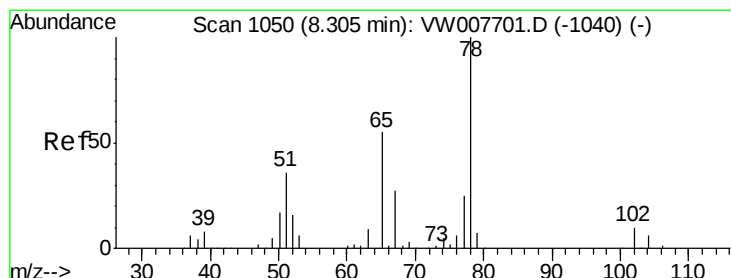
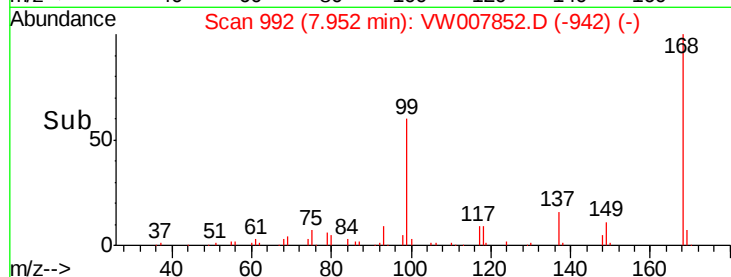
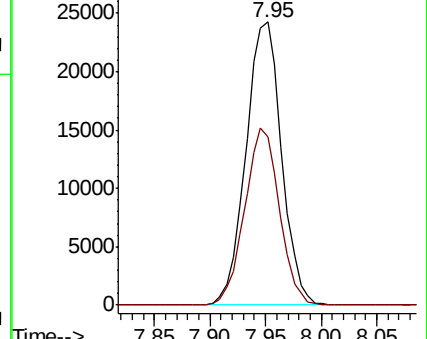
168 100

99 59.6 54.0 81.0



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: 60.031 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007852.D

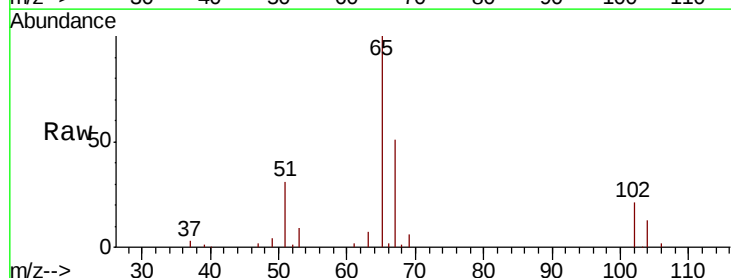
Acq: 22 Dec 2018 19:20

Tgt Ion: 65 Resp: 35530

Ion Ratio Lower Upper

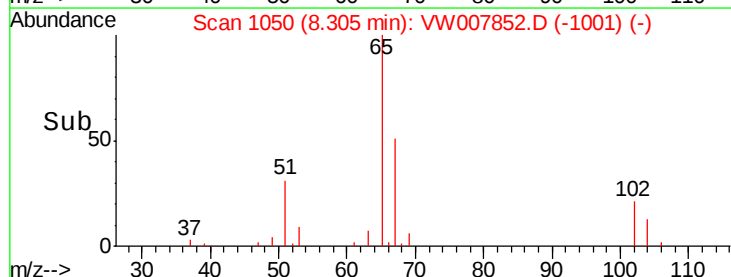
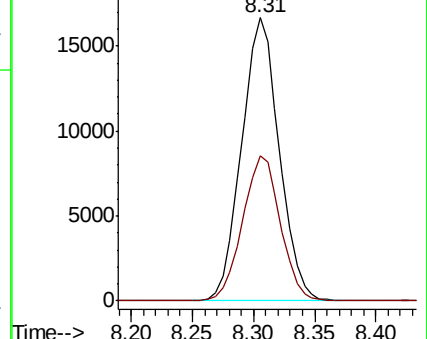
65 100

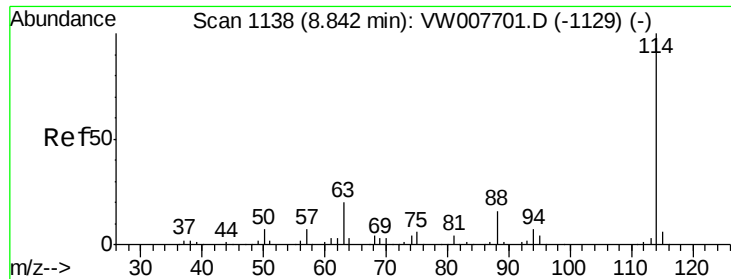
67 51.5 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

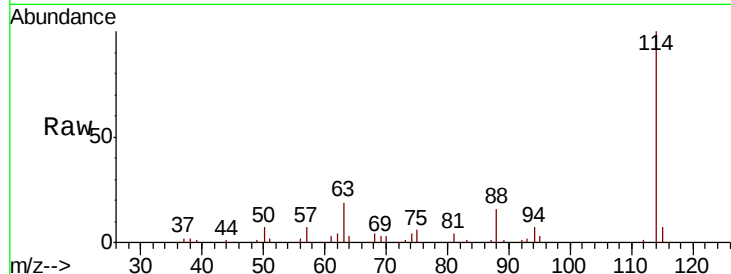




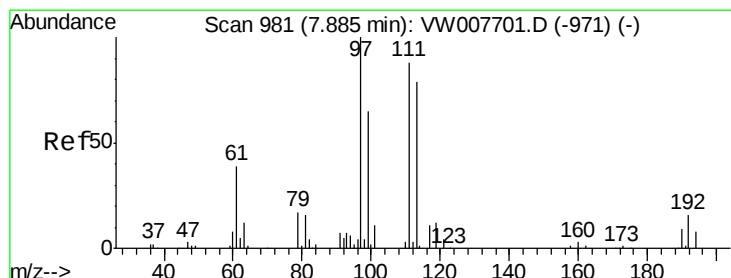
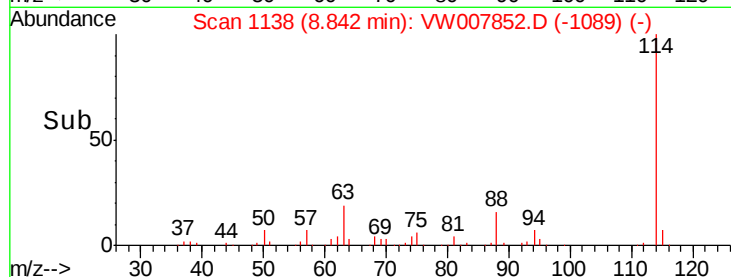
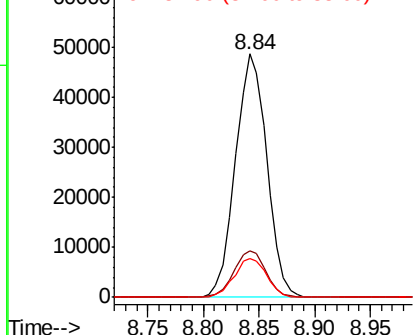
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007852.D
Acq: 22 Dec 2018 19:20

Instrument :
MSVOA_W
ClientSampleId :
P001-SS010-1824-01RE

Tgt Ion:114 Resp: 95146
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.9 0.0 32.6

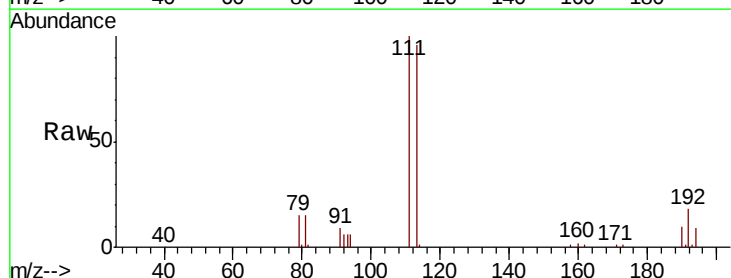


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

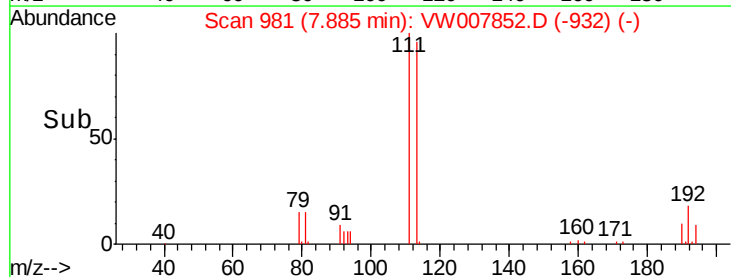
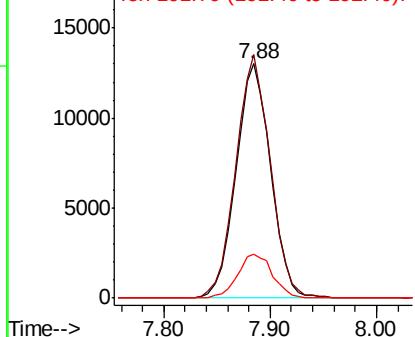


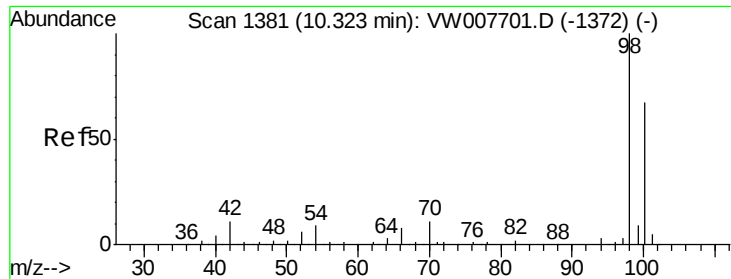
#35
Dibromofluoromethane
Concen: 51.249 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007852.D
Acq: 22 Dec 2018 19:20

Tgt Ion:113 Resp: 29747
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.9 15.5 23.3



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: 43.950 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007852.D

Acq: 22 Dec 2018 19:20

Instrument :

MSVOA_W

ClientSampleId :

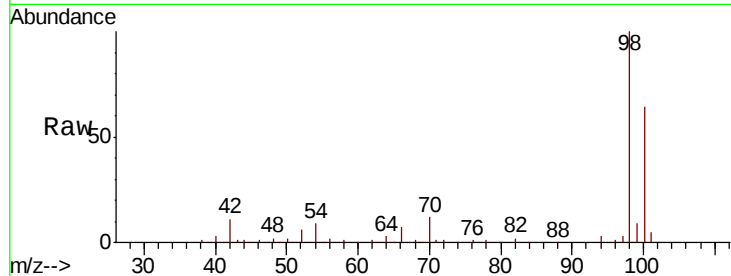
P001-SS010-1824-01RE

Tgt Ion: 98 Resp: 96171

Ion Ratio Lower Upper

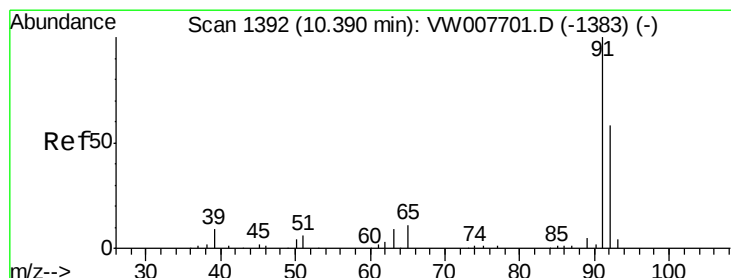
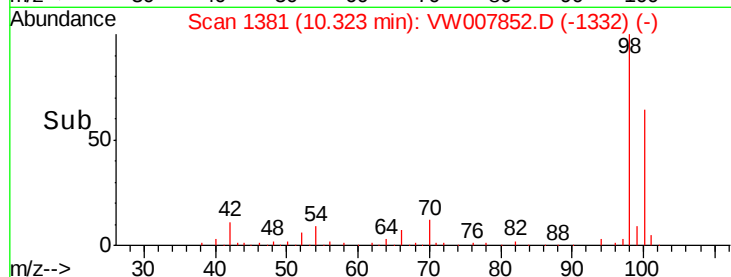
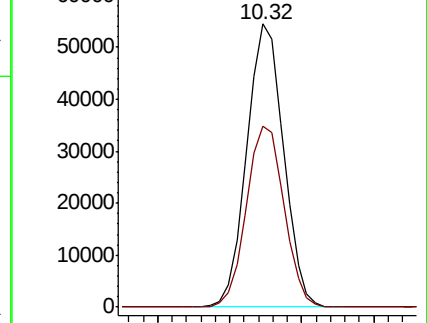
98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 3.630 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007852.D

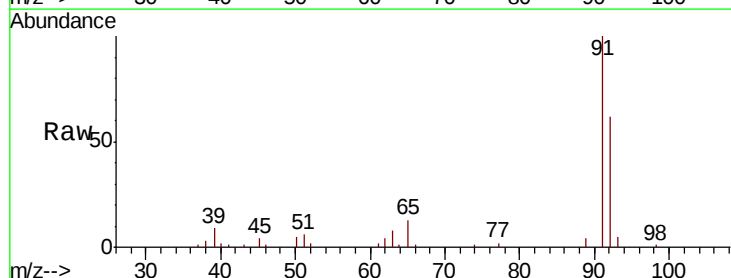
Acq: 22 Dec 2018 19:20

Tgt Ion: 92 Resp: 5968

Ion Ratio Lower Upper

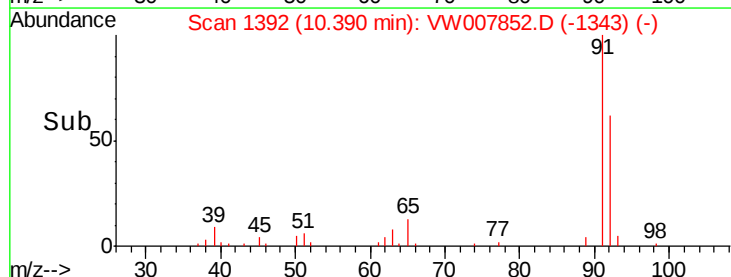
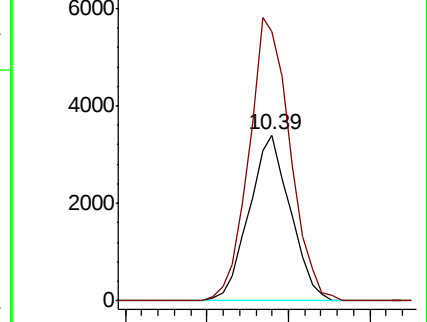
92 100

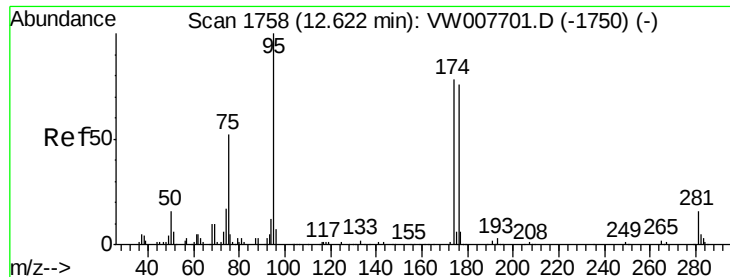
91 170.2 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 31.152 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007852.D

Acq: 22 Dec 2018 19:20

Instrument :

MSVOA_W

ClientSampleId :

P001-SS010-1824-01RE

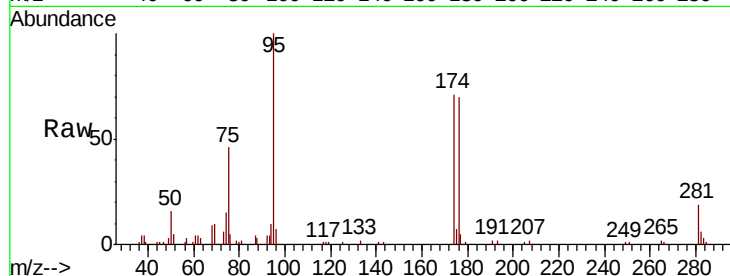
Tgt Ion: 95 Resp: 26334

Ion Ratio Lower Upper

95 100

174 73.2 0.0 152.2

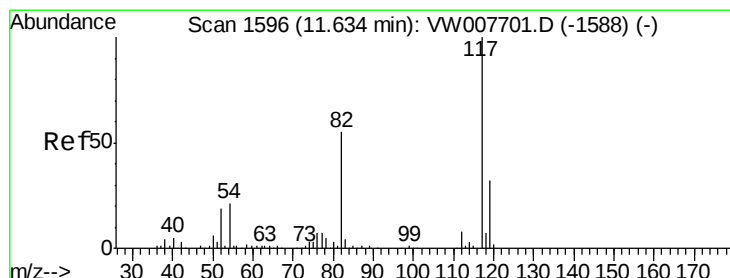
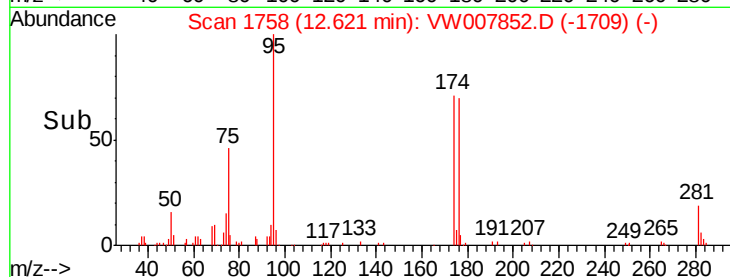
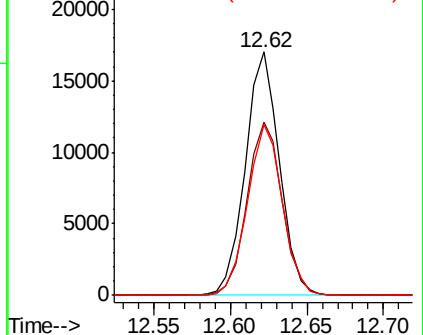
176 71.6 0.0 146.8



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: VW007852.D

Acq: 22 Dec 2018 19:20

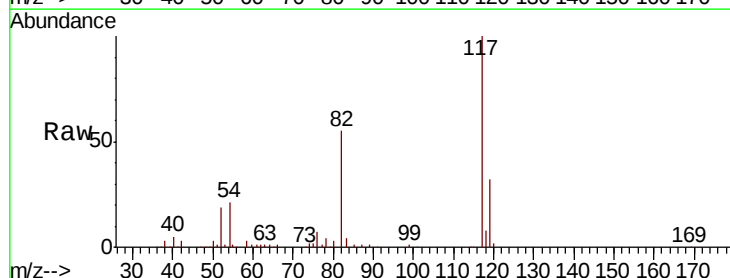
Tgt Ion: 117 Resp: 66624

Ion Ratio Lower Upper

117 100

82 55.0 44.3 66.5

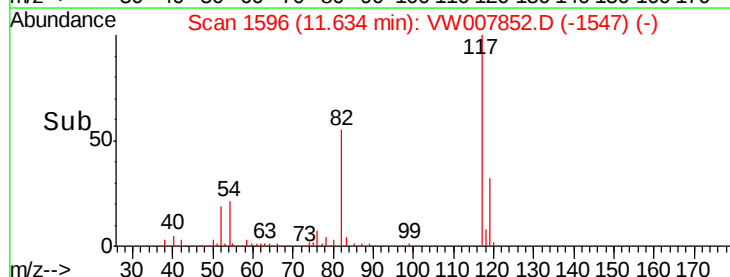
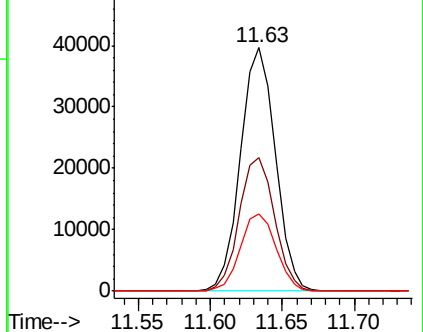
119 31.6 25.7 38.5

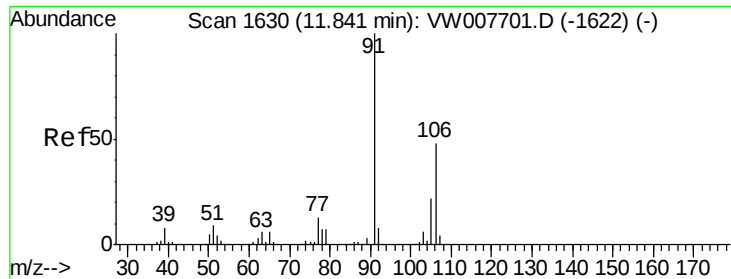


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

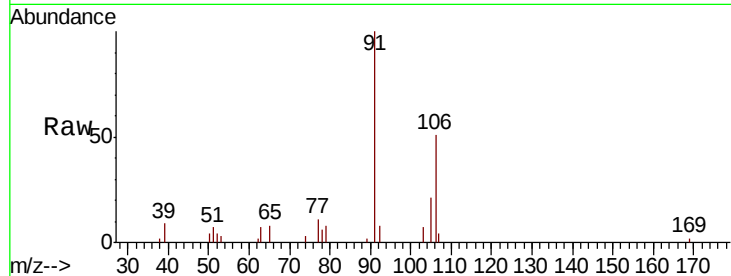




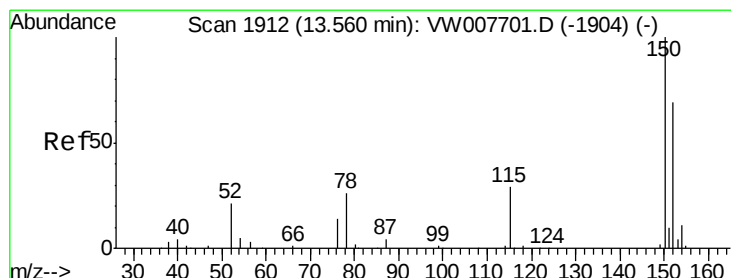
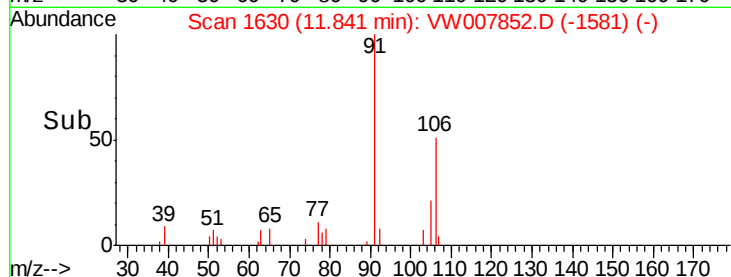
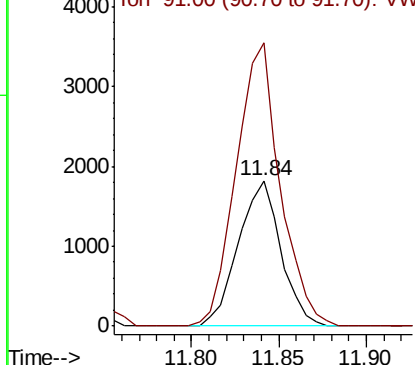
#68
m/p-Xylenes
Concen: 3.206 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007852.D
Acq: 22 Dec 2018 19:20

Instrument :
MSVOA_W
ClientSampleId :
P001-SS010-1824-01RE

Tgt Ion:106 Resp: 3077
Ion Ratio Lower Upper
106 100
91 200.9 165.2 247.8

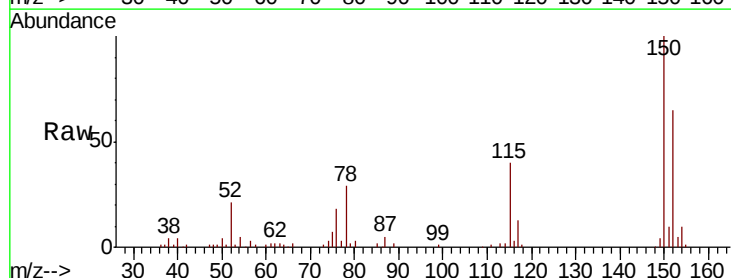


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007852.D
Acq: 22 Dec 2018 19:20

Tgt Ion:152 Resp: 19386
Ion Ratio Lower Upper
152 100
115 62.6 31.8 95.4
150 154.3 0.0 350.8



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

