

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007848.D
 Acq On : 22 Dec 2018 17:36
 Operator : SY/AP
 Sample : J6388-05
 Misc : 5.87G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS008-1824-01

Quant Time: Dec 24 03:00:47 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

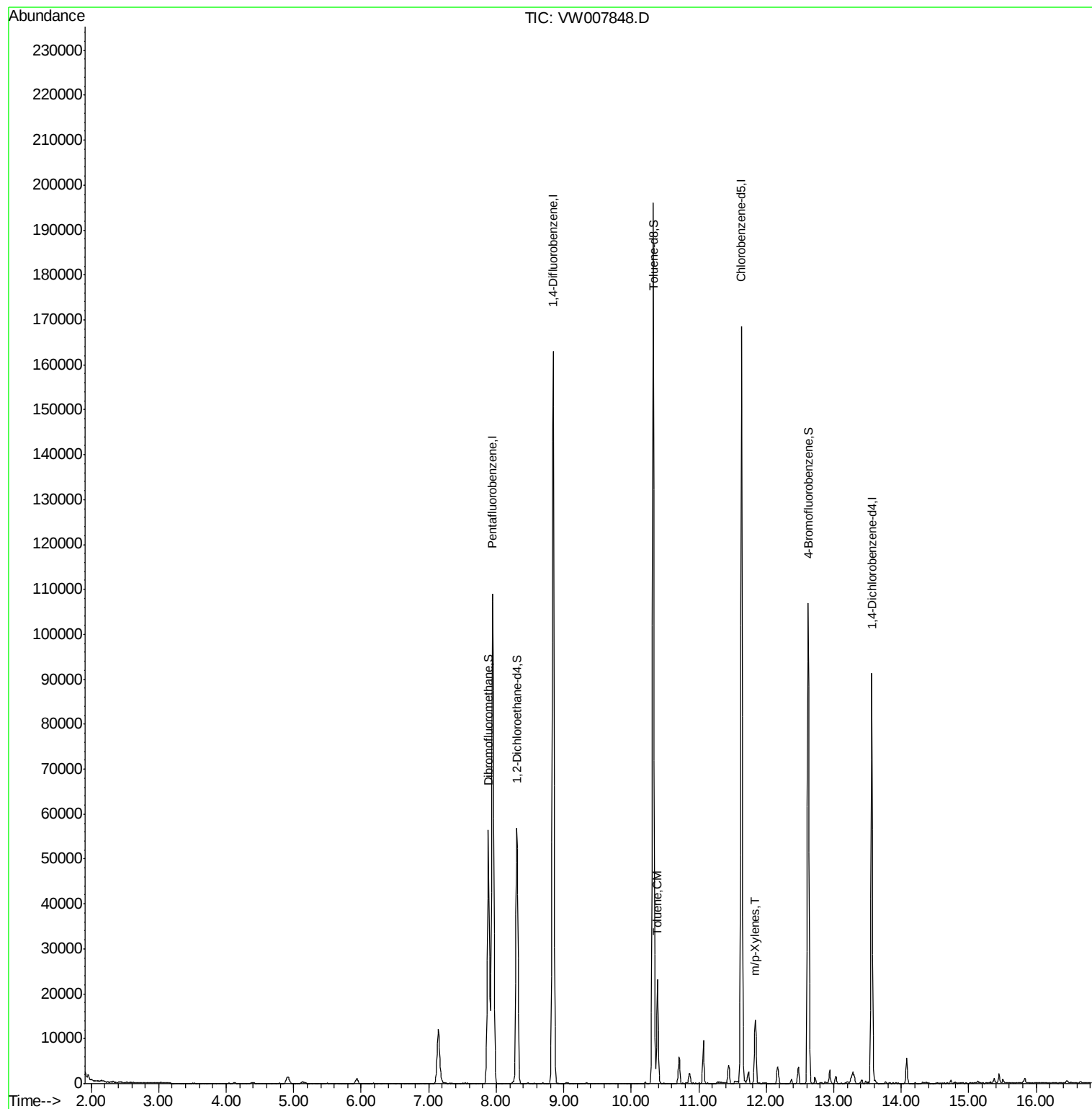
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	139951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	24398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47033	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
35) Dibromofluoromethane	7.88	113	41614	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	10.32	98	135458	42.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.18%	
62) 4-Bromofluorobenzene	12.62	95	35473	28.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.06%	
Target Compounds						
52) Toluene	10.39	92	9999	4.135	ug/l	98
68) m/p-Xylenes	11.84	106	4638	3.404	ug/l	99

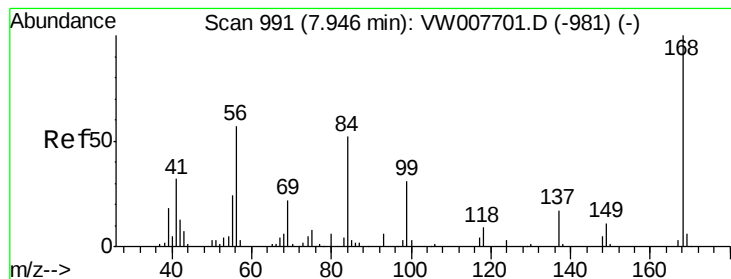
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
Data File : VW007848.D
Acq On : 22 Dec 2018 17:36
Operator : SY/AP
Sample : J6388-05
Misc : 5.87G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS008-1824-01

Quant Time: Dec 24 03:00:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007848.D

Acq: 22 Dec 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

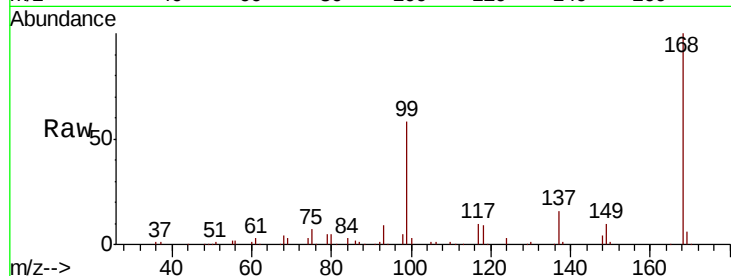
P001-SS008-1824-01

Tgt Ion:168 Resp: 82208

Ion Ratio Lower Upper

168 100

99 57.7 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

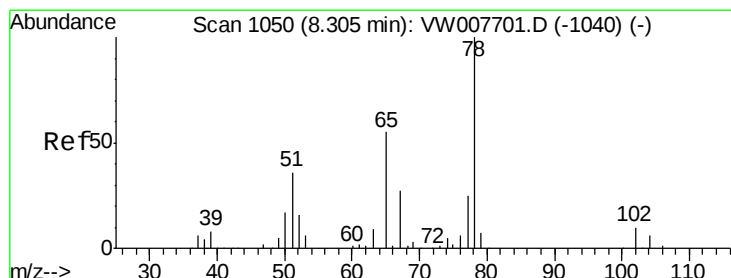
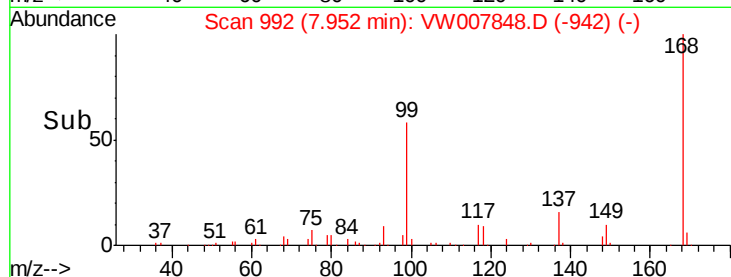
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.199 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007848.D

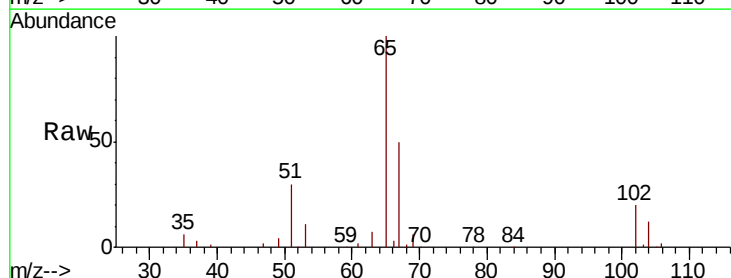
Acq: 22 Dec 2018 17:36

Tgt Ion: 65 Resp: 47033

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

15000

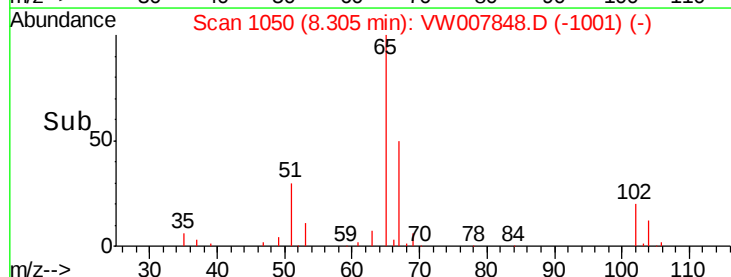
10000

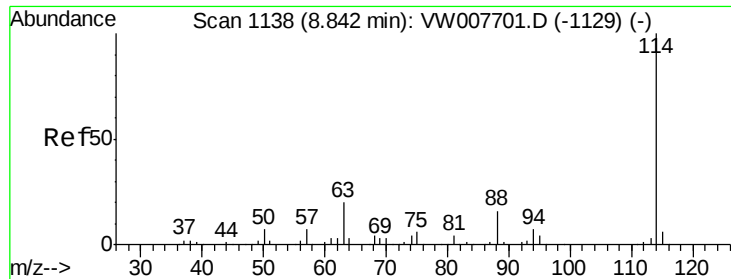
5000

0

8.20 8.30 8.40

Time-->

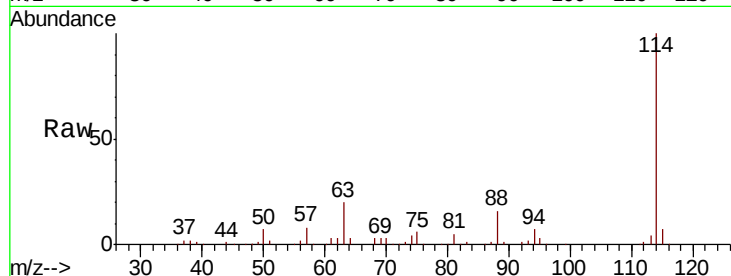




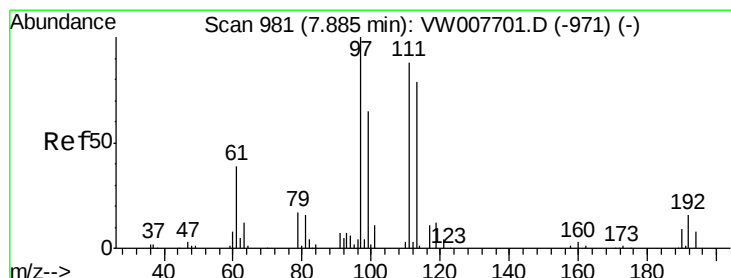
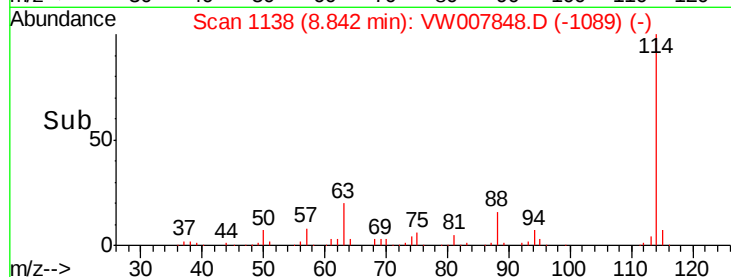
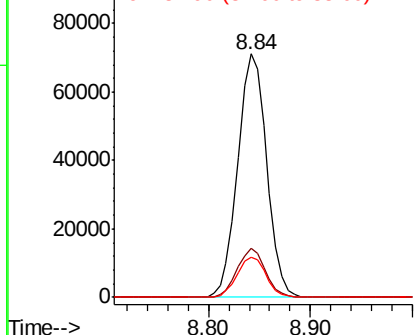
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007848.D
 Acq: 22 Dec 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS008-1824-01

Tgt Ion:114 Resp: 139951
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 16.4 0.0 32.6

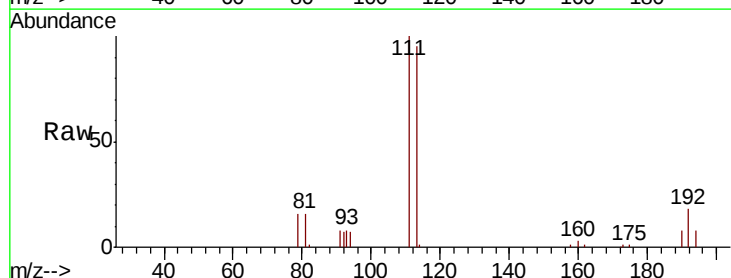


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

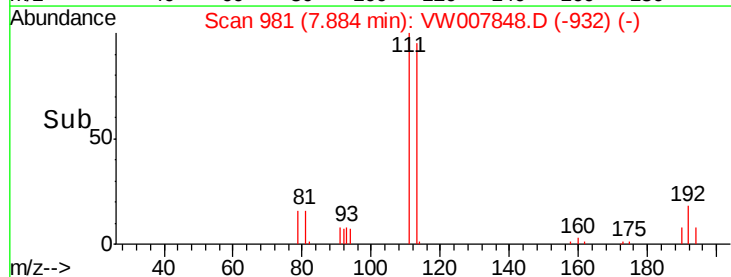
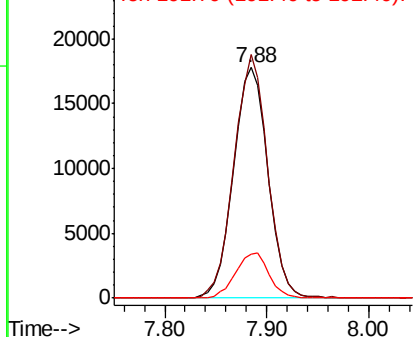


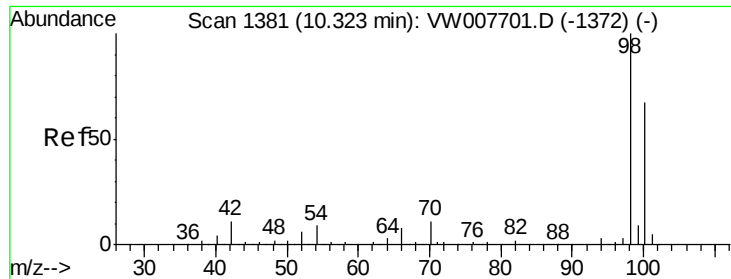
#35
 Dibromofluoromethane
 Concen: 48.741 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007848.D
 Acq: 22 Dec 2018 17:36

Tgt Ion:113 Resp: 41614
 Ion Ratio Lower Upper
 113 100
 111 102.7 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: 42.086 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007848.D

Acq: 22 Dec 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

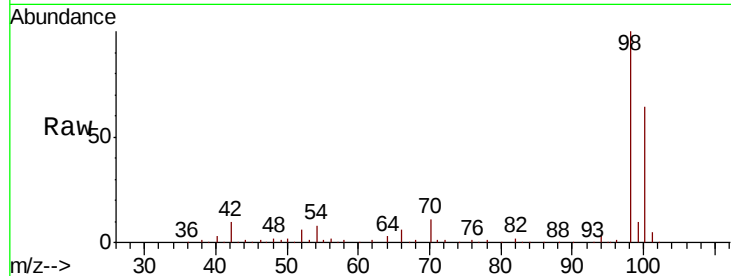
P001-SS008-1824-01

Tgt Ion: 98 Resp: 135458

Ion Ratio Lower Upper

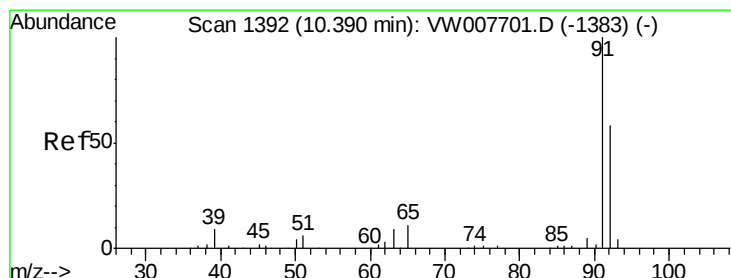
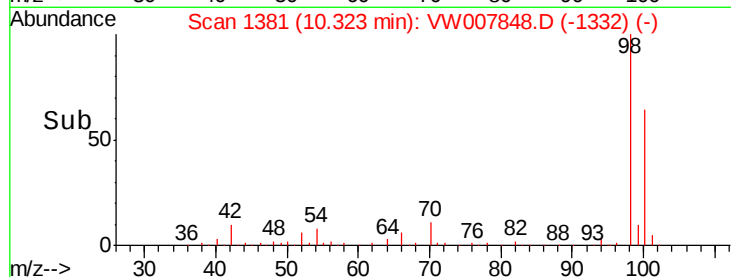
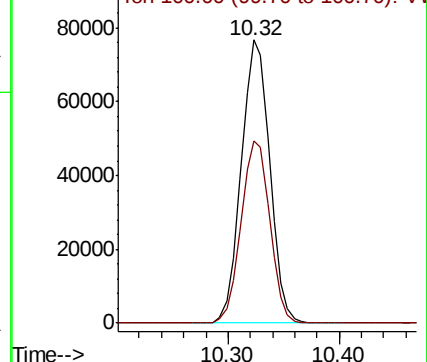
98 100

100 65.2 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: 4.135 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007848.D

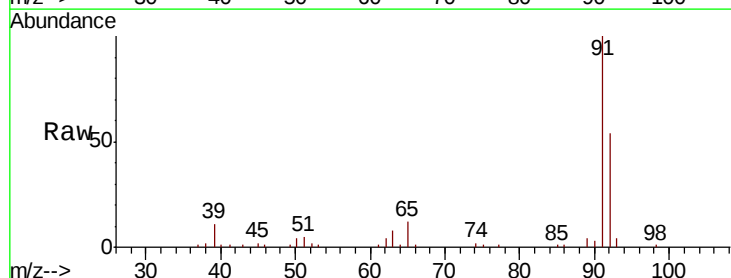
Acq: 22 Dec 2018 17:36

Tgt Ion: 92 Resp: 9999

Ion Ratio Lower Upper

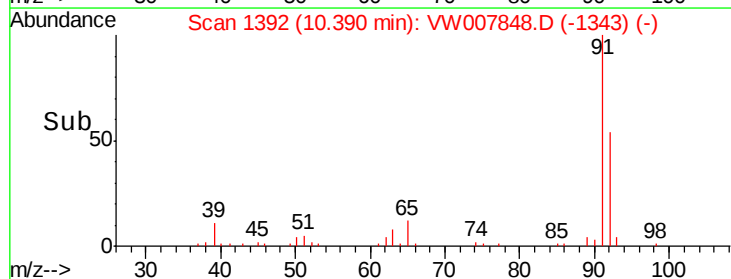
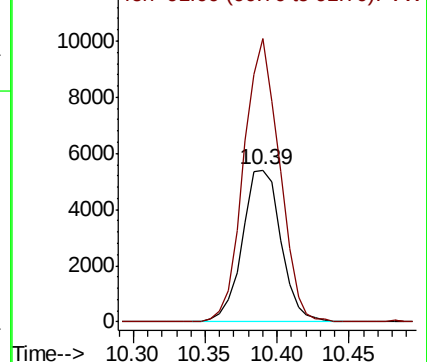
92 100

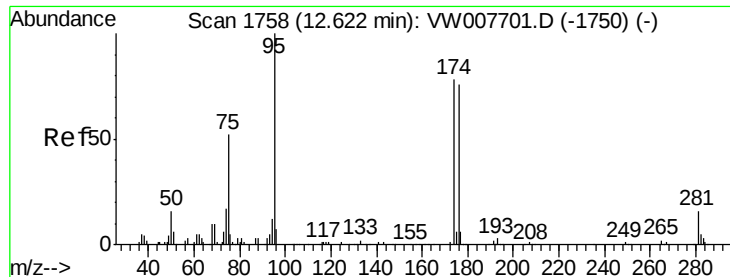
91 173.3 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 28.529 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007848.D

Acq: 22 Dec 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

P001-SS008-1824-01

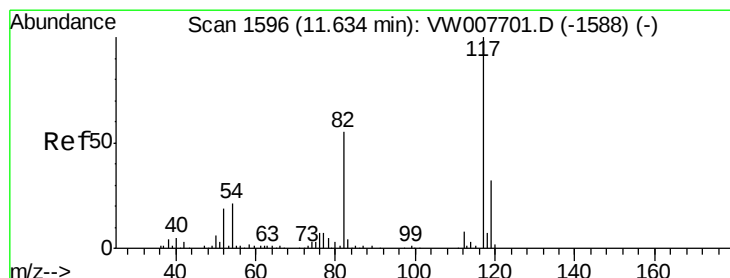
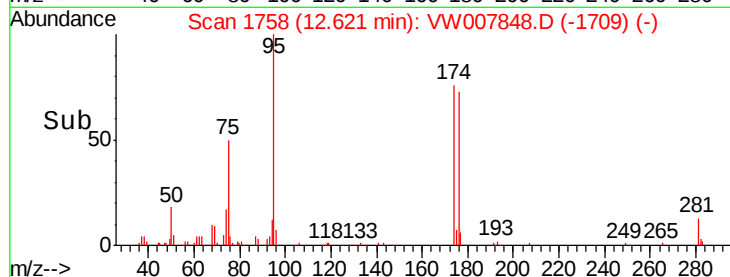
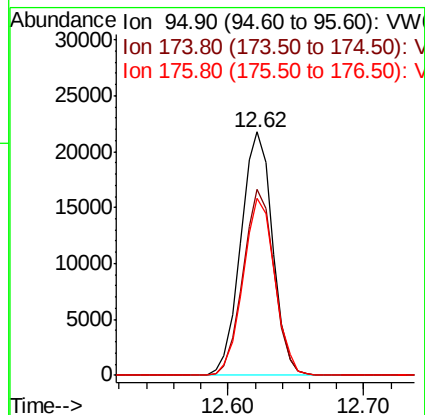
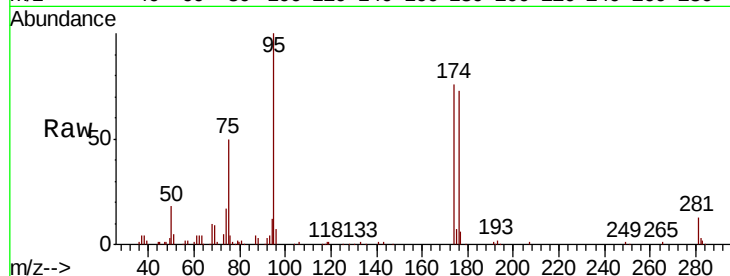
Tgt Ion: 95 Resp: 35473

Ion Ratio Lower Upper

95 100

174 75.0 0.0 152.2

176 72.8 0.0 146.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007848.D

Acq: 22 Dec 2018 17:36

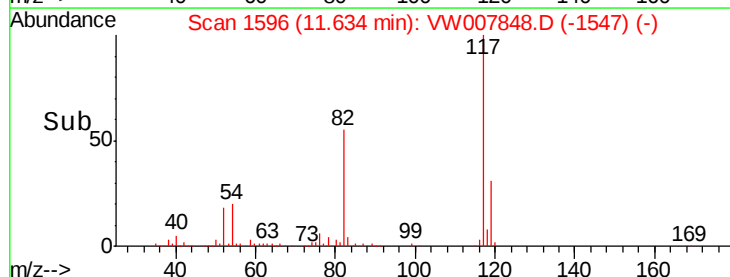
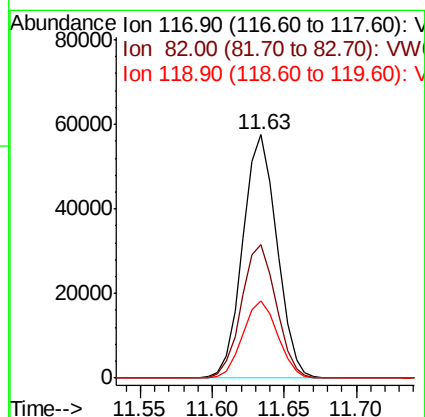
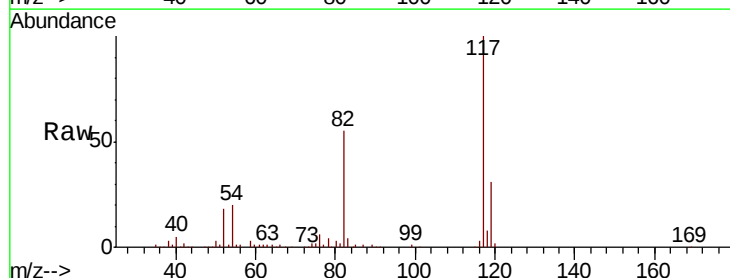
Tgt Ion: 117 Resp: 94563

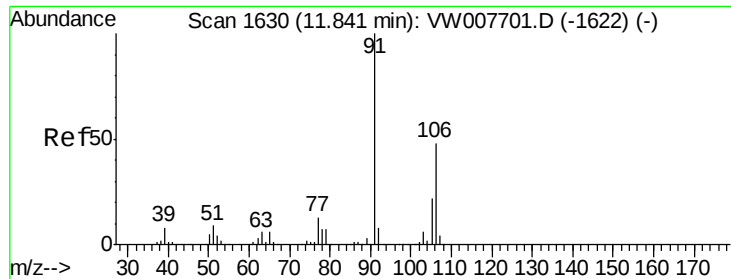
Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

119 31.2 25.7 38.5

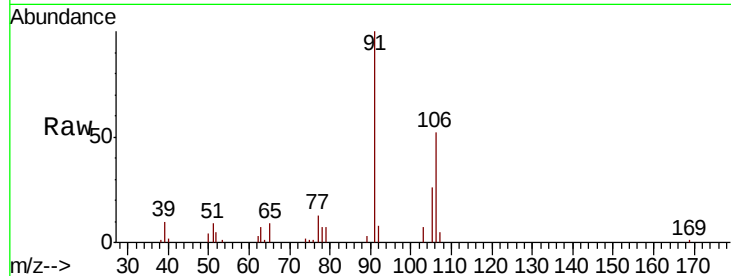




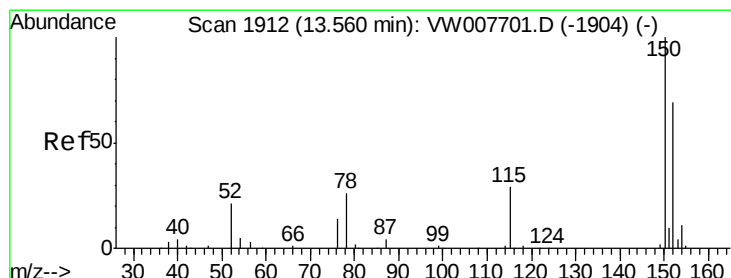
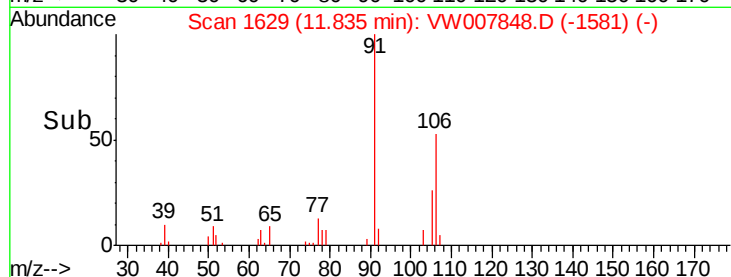
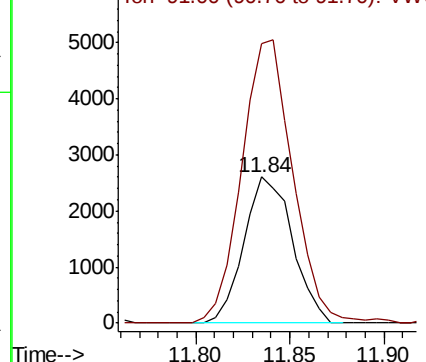
#68
m/p-Xylenes
Concen: 3.404 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007848.D
Acq: 22 Dec 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
P001-SS008-1824-01

Tgt Ion:106 Resp: 4638
Ion Ratio Lower Upper
106 100
91 204.6 165.2 247.8

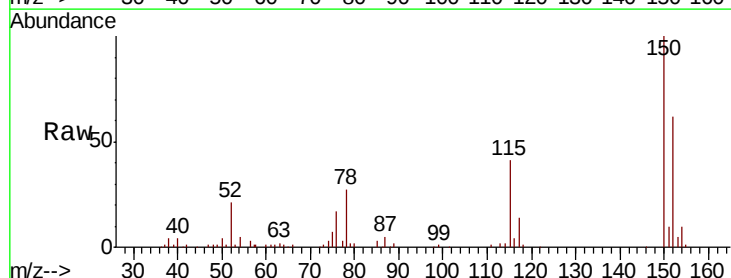


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007848.D
Acq: 22 Dec 2018 17:36

Tgt Ion:152 Resp: 24398
Ion Ratio Lower Upper
152 100
115 63.3 31.8 95.4
150 159.3 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

