

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013049.D
 Acq On : 16 Sep 2019 18:33
 Operator : SY/VA
 Sample : K4819-06
 Misc : 5.53G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7-S2(3.5-4)

Quant Time: Sep 17 07:52:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

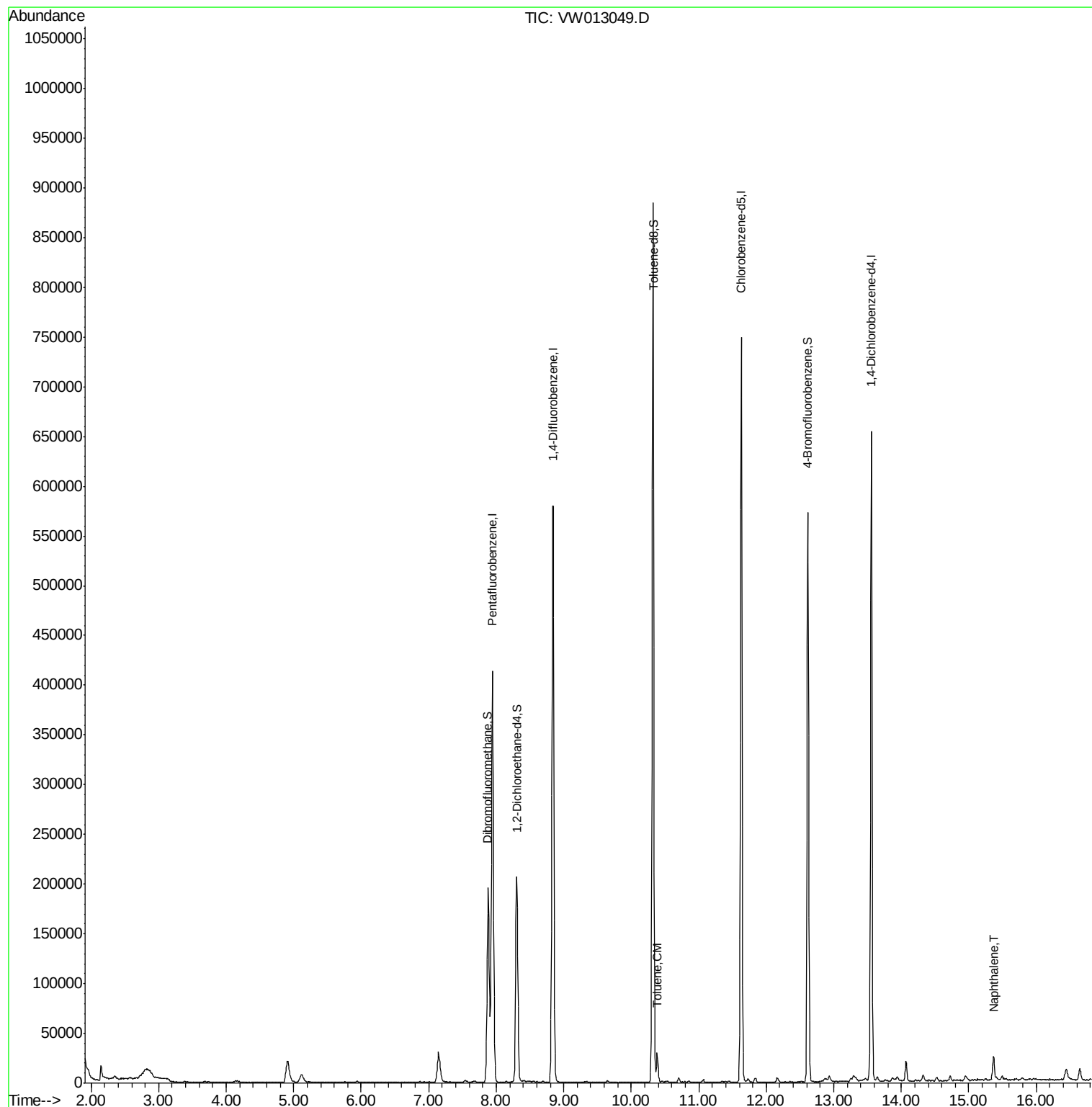
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	323334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	163514	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	7.88	113	140235	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
50) Toluene-d8	10.32	98	579748	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
62) 4-Bromofluorobenzene	12.62	95	183468	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
Target Compounds						
52) Toluene	10.38	92	12303	1.771	ug/l	99
95) Naphthalene	15.36	128	20740	3.750	ug/l	100

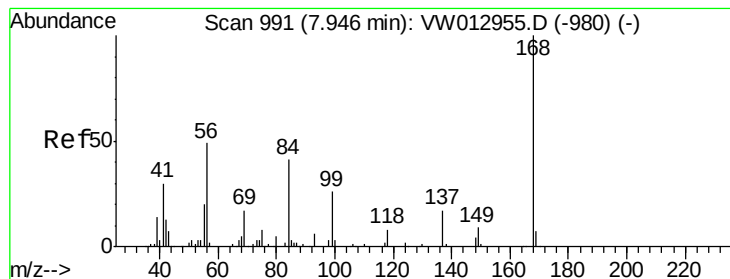
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013049.D

Acq: 16 Sep 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

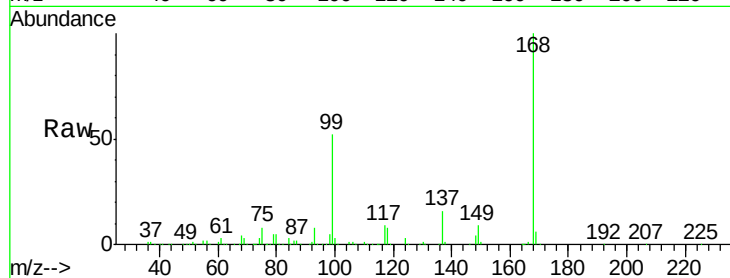
TP-7-S2(3.5-4)

Tot Ion:168 Resp: 323334

Ion Ratio Lower Upper

168 100

99 52.1 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

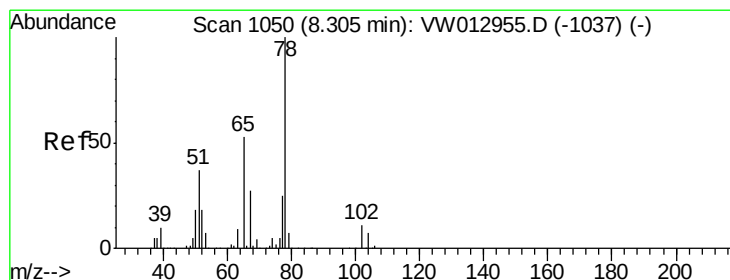
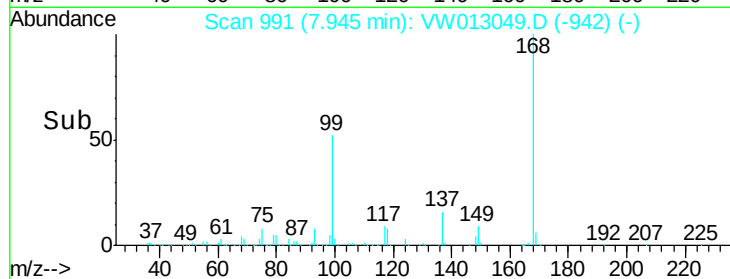
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.756 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013049.D

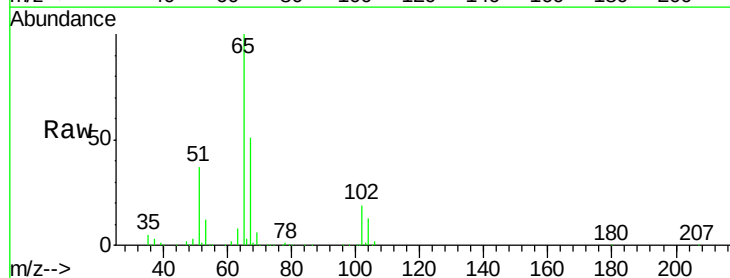
Acq: 16 Sep 2019 18:33

Tgt Ion: 65 Resp: 163514

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

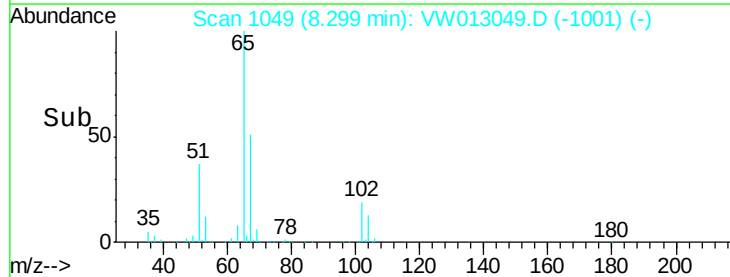
60000

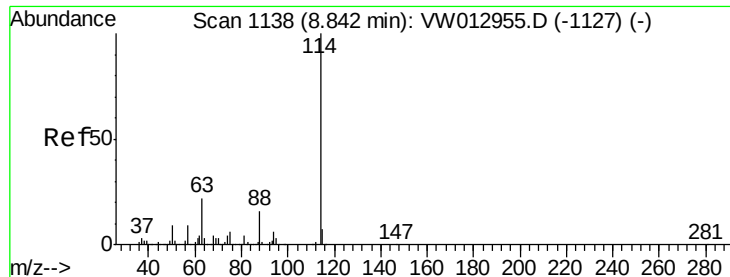
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013049.D

Acq: 16 Sep 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

TP-7-S2(3.5-4)

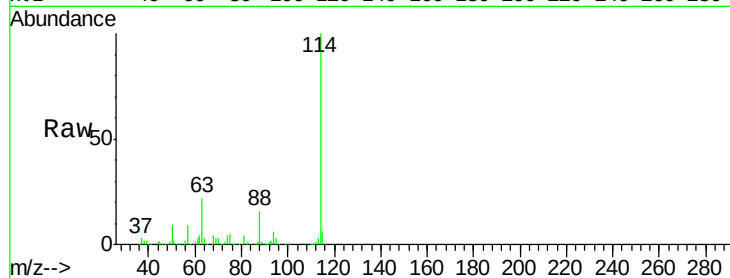
Tot Ion:114 Resp: 490001

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.4

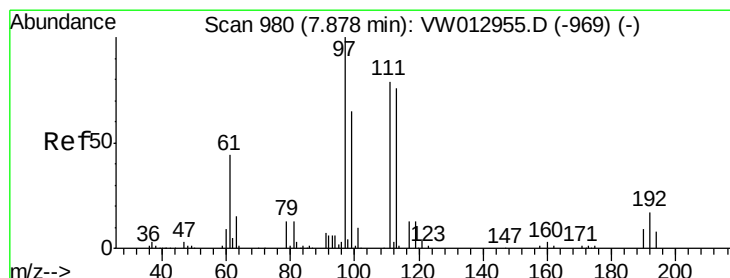
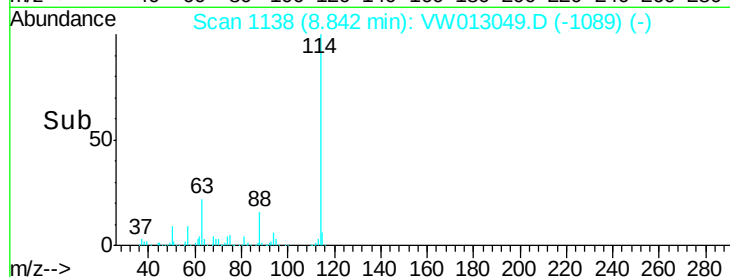
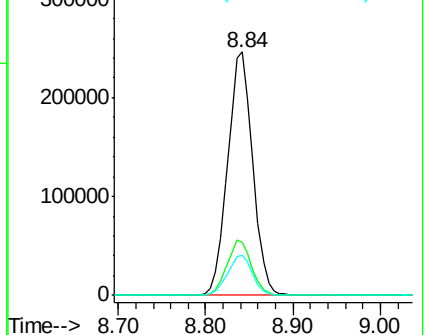
88 16.2 0.0 31.6



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: 52.744 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013049.D

Acq: 16 Sep 2019 18:33

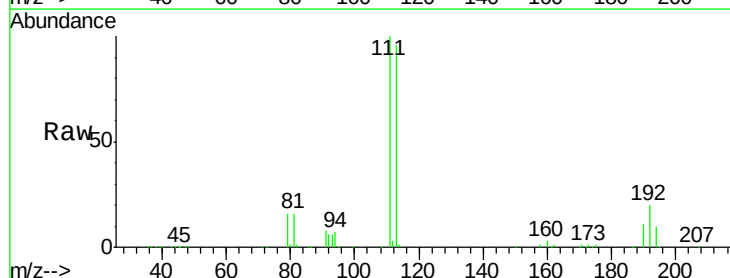
Tgt Ion:113 Resp: 140235

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

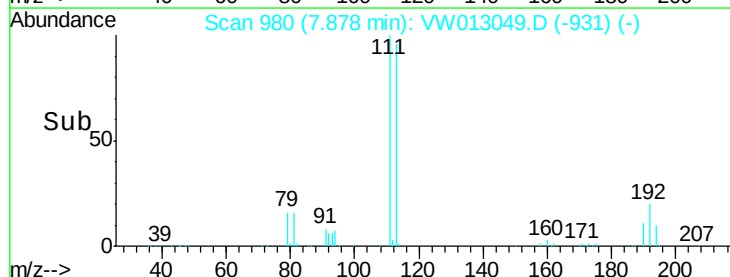
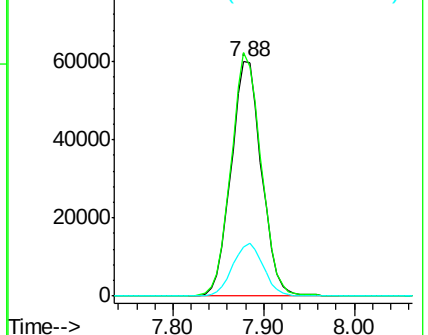
192 22.7 17.8 26.8

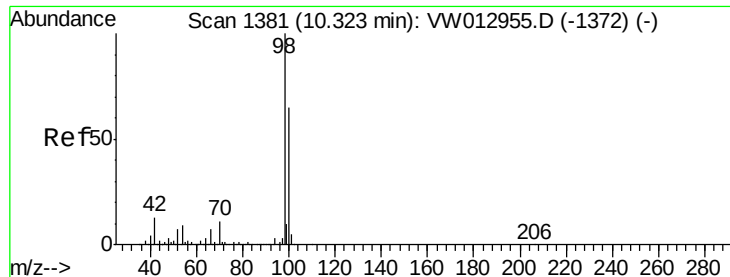


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.723 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013049.D

Acq: 16 Sep 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

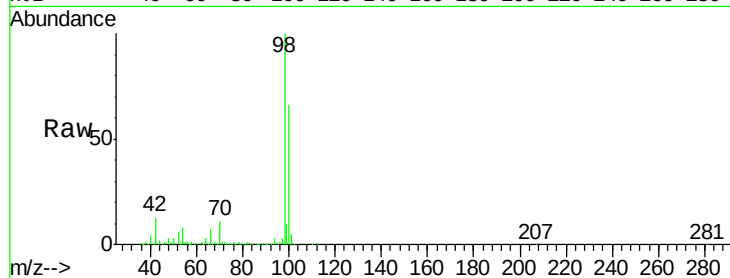
TP-7-S2(3.5-4)

Tot Ion: 98 Resp: 579748

Ion Ratio Lower Upper

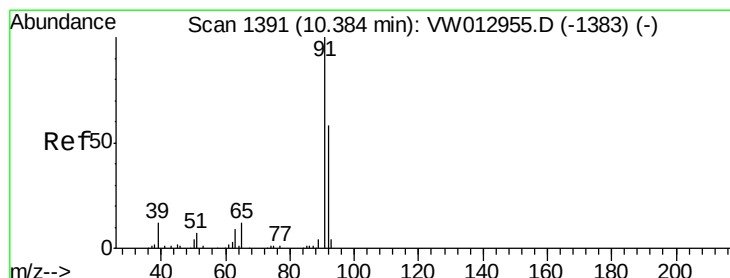
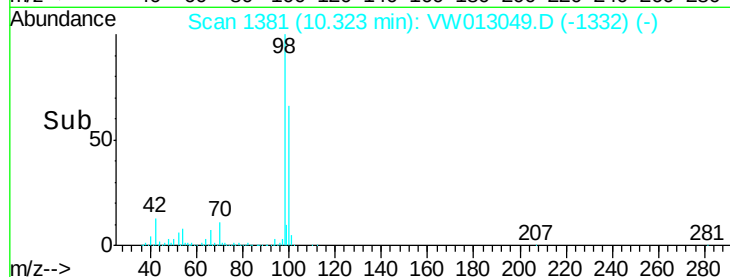
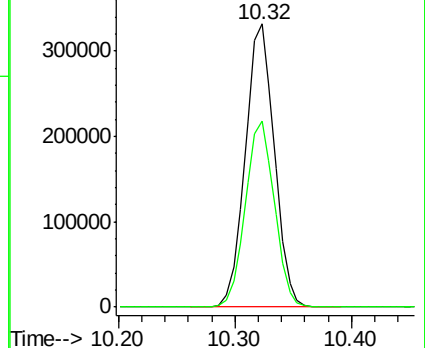
98 100

100 65.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.771 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013049.D

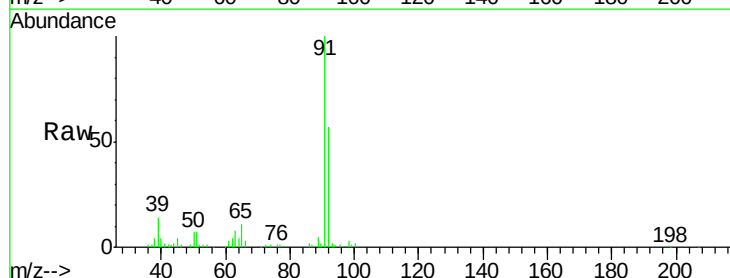
Acq: 16 Sep 2019 18:33

Tgt Ion: 92 Resp: 12303

Ion Ratio Lower Upper

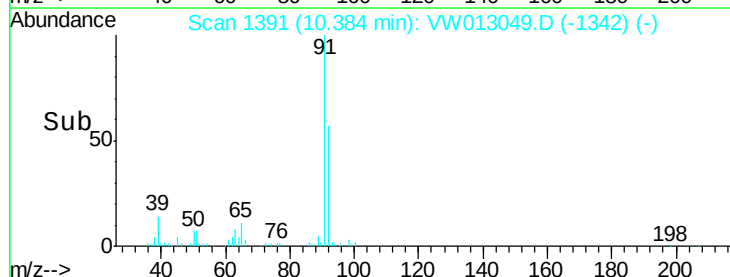
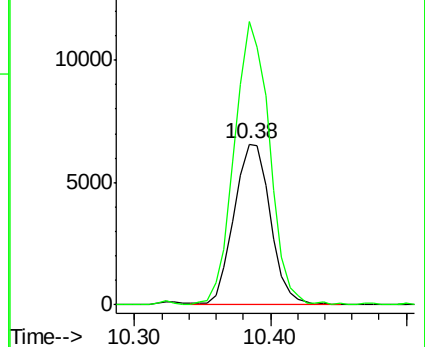
92 100

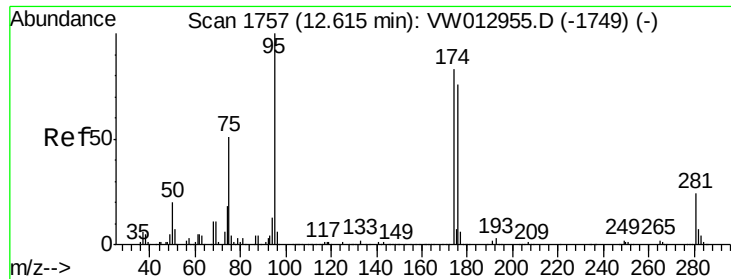
91 169.8 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 49.041 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013049.D

Acq: 16 Sep 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

TP-7-S2(3.5-4)

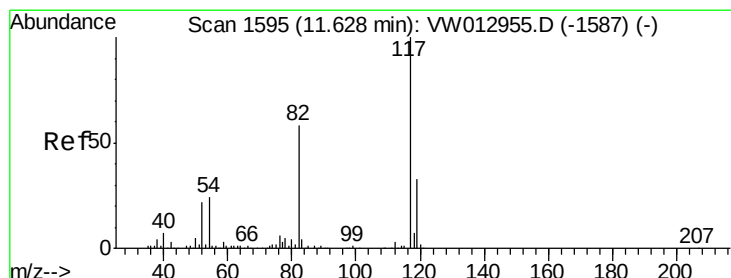
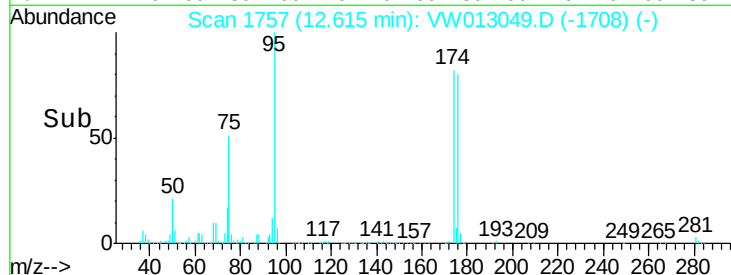
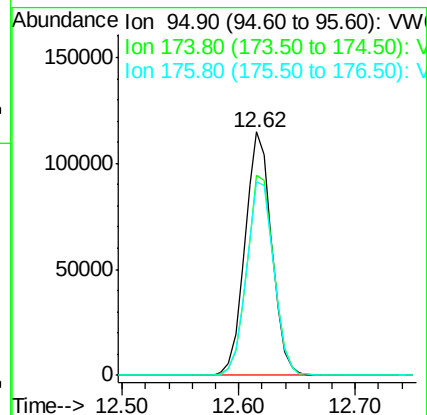
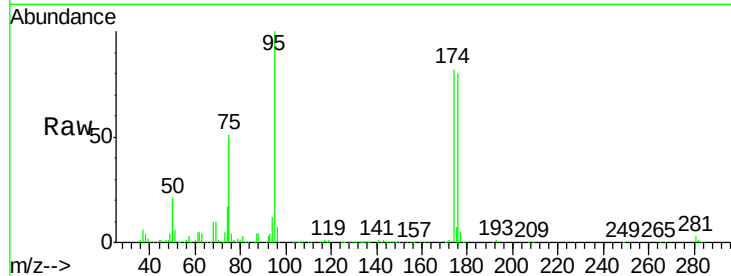
Tot Ion: 95 Resp: 183468

Ion Ratio Lower Upper

95 100

174 83.1 0.0 170.4

176 81.7 0.0 164.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013049.D

Acq: 16 Sep 2019 18:33

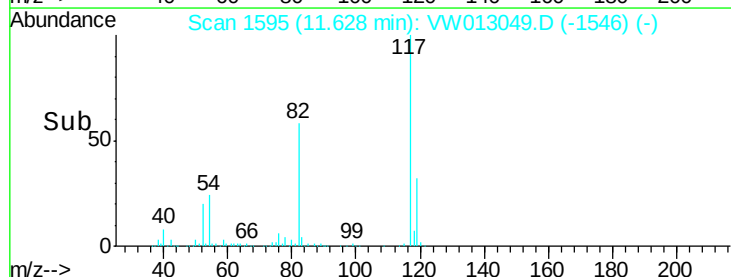
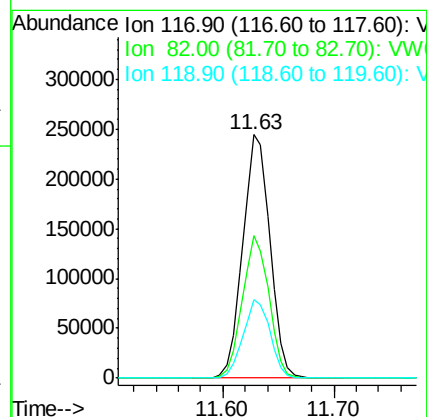
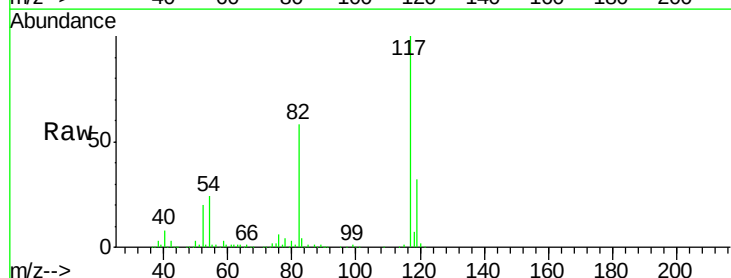
Tgt Ion: 117 Resp: 413603

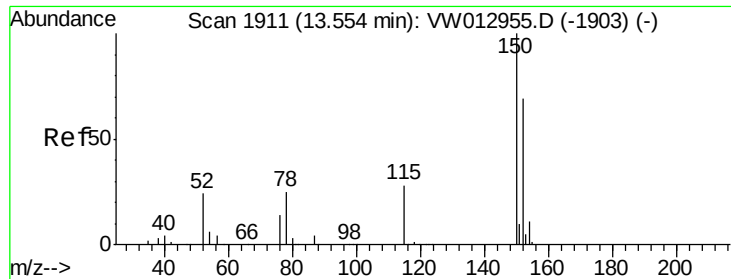
Ion Ratio Lower Upper

117 100

82 58.3 46.3 69.5

119 32.4 26.2 39.4



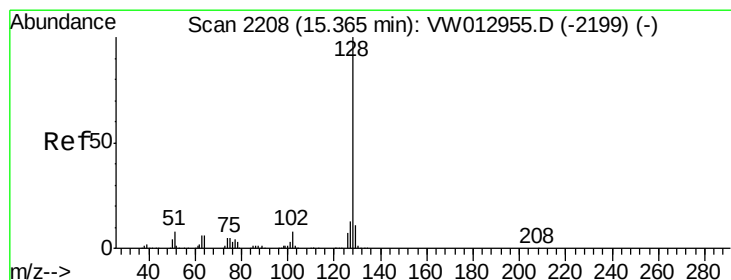
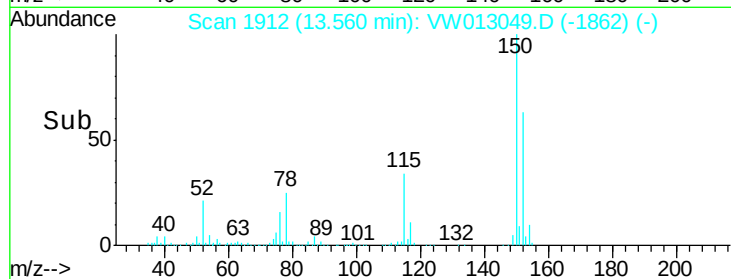
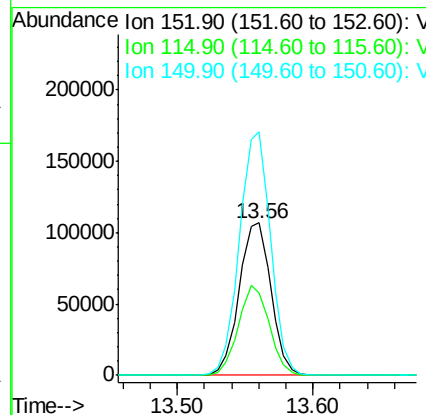
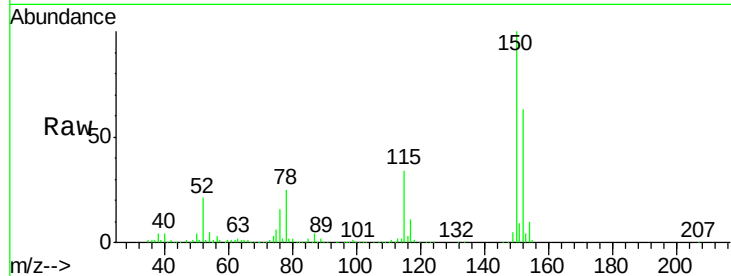


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013049.D
Acq: 16 Sep 2019 18:33

Instrument :
MSVOA_W
ClientSampleId :
TP-7-S2(3.5-4)

Tot Ion:152 Resp: 174603
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.4
150 156.8 0.0 340.2



#95

Naphthalene
Concen: 3.750 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013049.D
Acq: 16 Sep 2019 18:33

Tgt Ion:128 Resp: 20740
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.6
129 10.6 8.6 12.8

