

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013050.D
 Acq On : 16 Sep 2019 18:59
 Operator : SY/VA
 Sample : K4819-10
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7-D2(9.5-10)

Quant Time: Sep 17 07:54:42 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

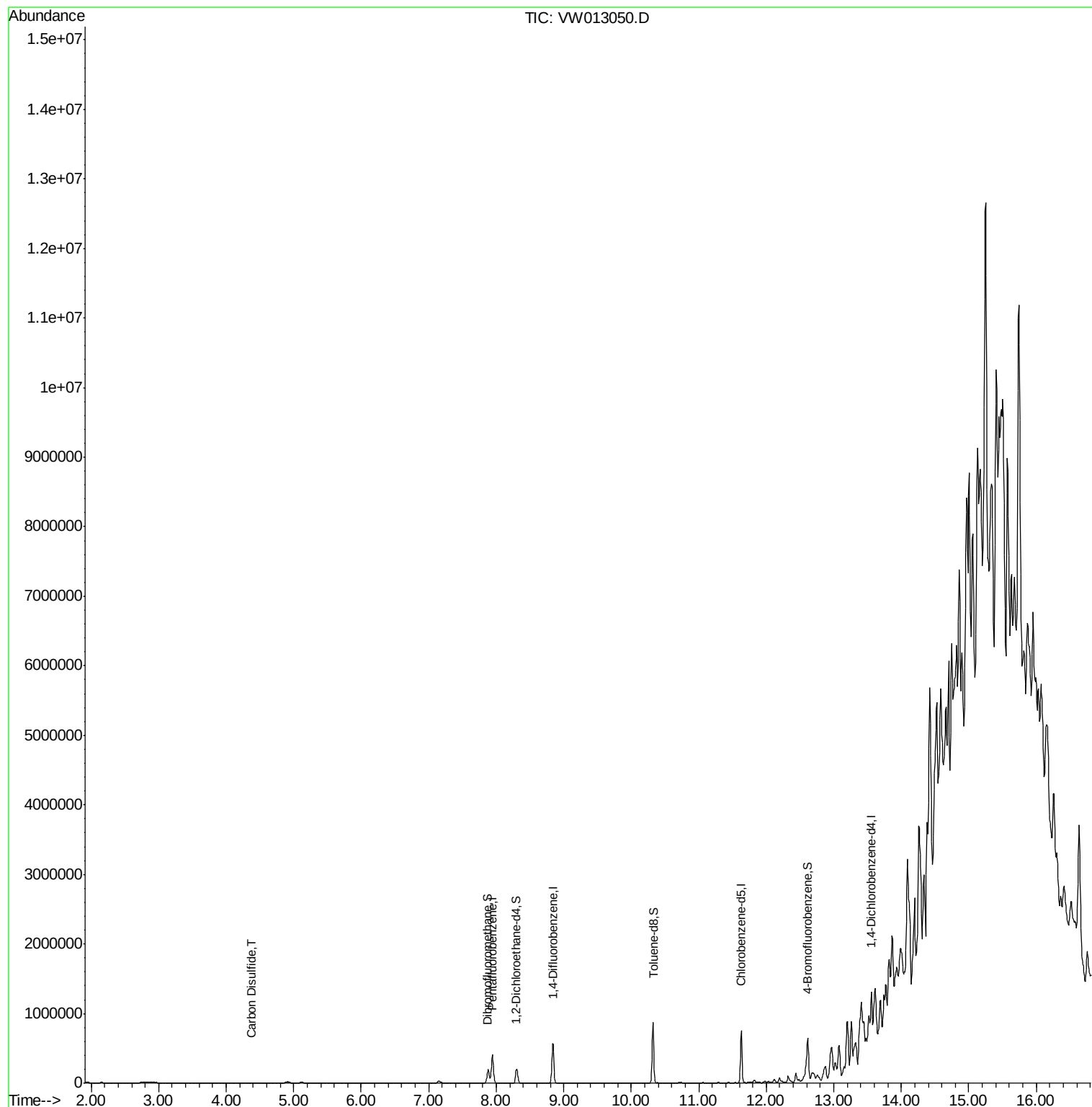
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	320965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	480035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	400589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	191920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	164460	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
35) Dibromofluoromethane	7.88	113	141125	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
50) Toluene-d8	10.32	98	578285	56.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.48%	
62) 4-Bromofluorobenzene	12.62	95	186823	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
Target Compounds						
17) Carbon Disulfide	4.37	76	14562	3.298	ug/l #	88

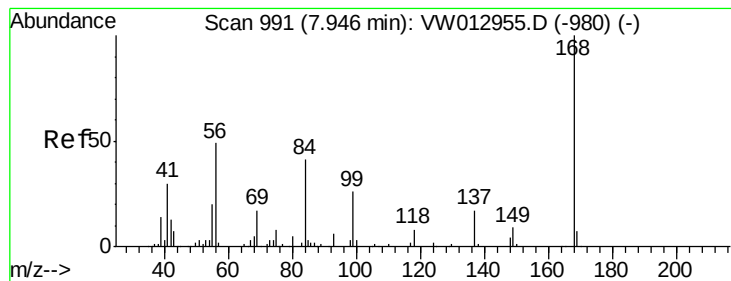
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
Data File : VW013050.D
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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: VW013050.D

Acq: 16 Sep 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

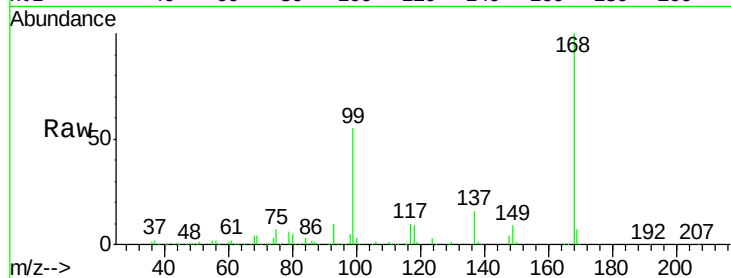
TP-7-D2(9.5-10)

Tot Ion:168 Resp: 320965

Ion Ratio Lower Upper

168 100

99 54.6 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

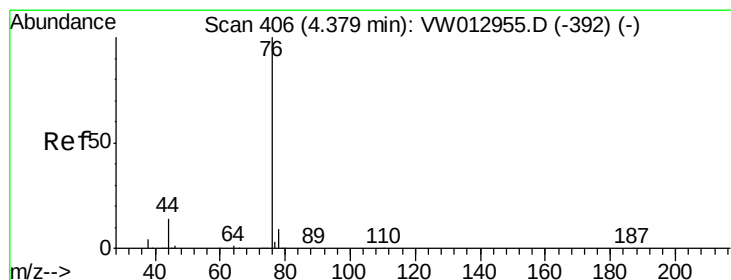
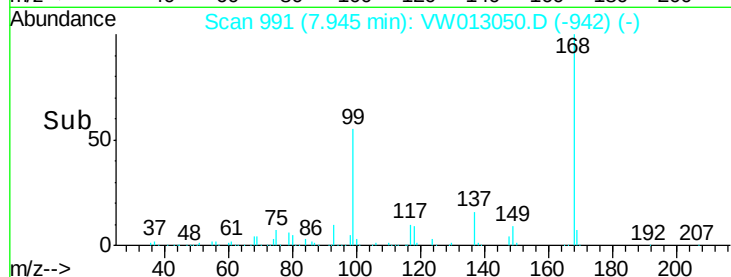
100000

50000

0

7.90 8.00

Time-->



#17

Carbon Disulfide

Concen: 3.298 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013050.D

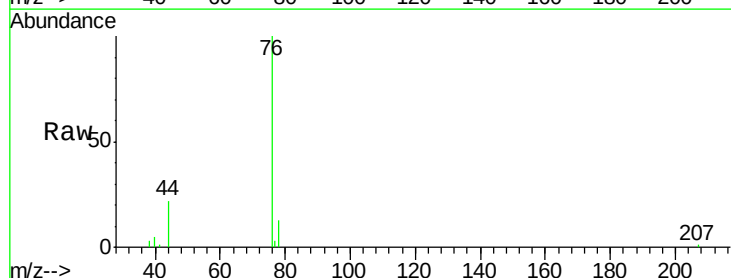
Acq: 16 Sep 2019 18:59

Tgt Ion: 76 Resp: 14562

Ion Ratio Lower Upper

76 100

78 13.1 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

5000

4000

3000

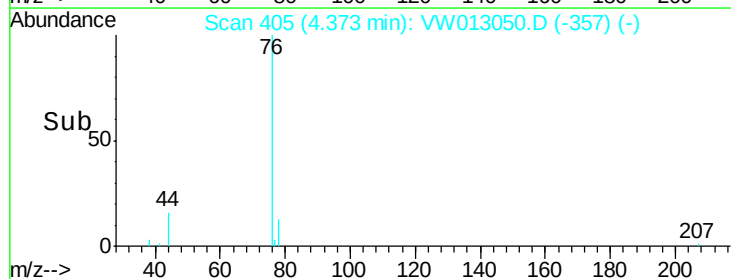
2000

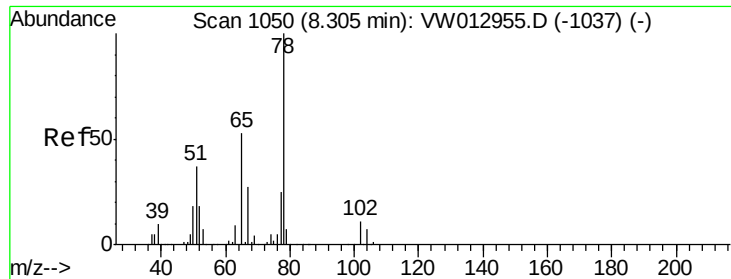
1000

0

4.30 4.40 4.50

Time-->

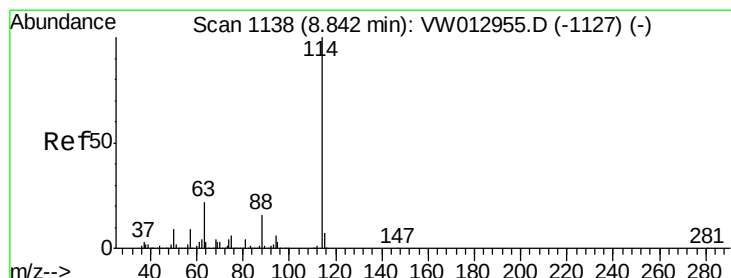
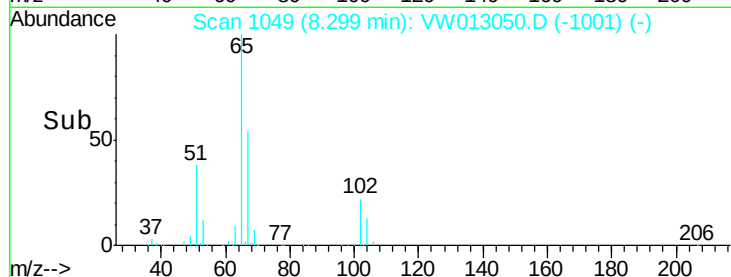
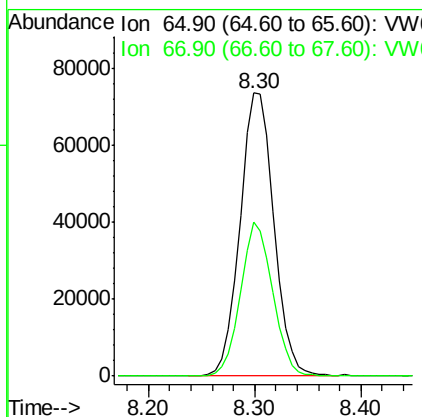
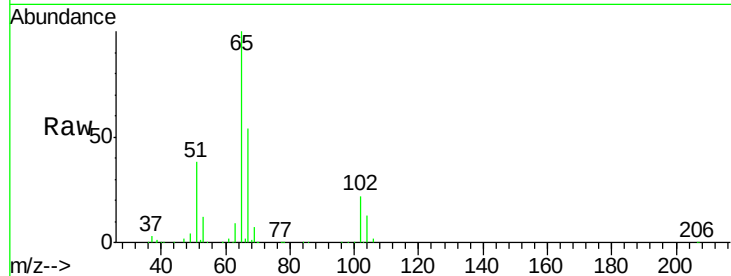




#33
 1,2-Dichloroethane-d4
 Concen: 55.479 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013050.D
 Acq: 16 Sep 2019 18:59

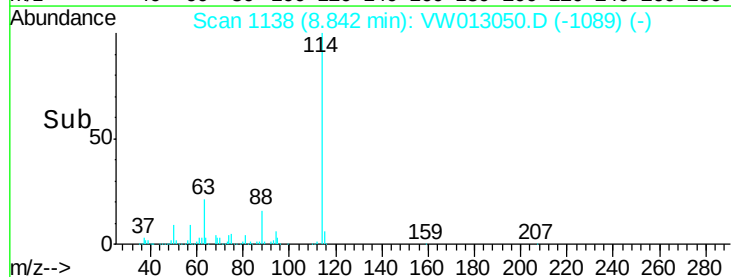
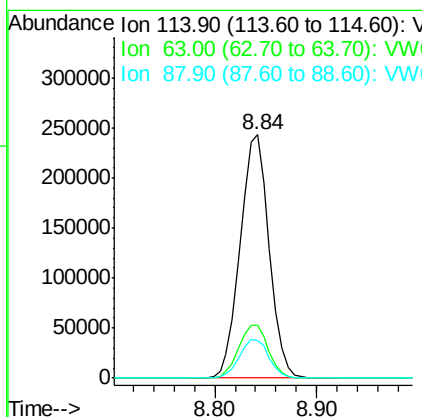
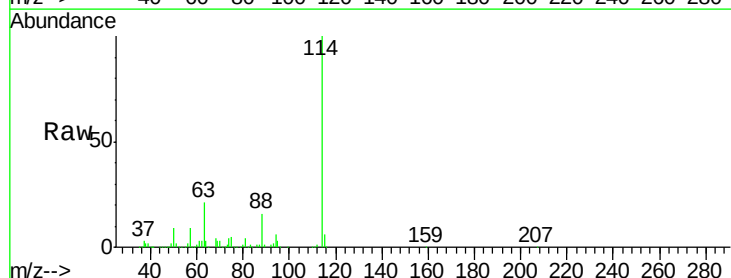
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7-D2(9.5-10)

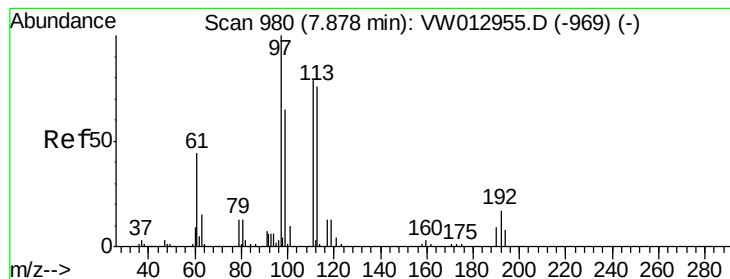
Tot Ion: 65 Resp: 164460
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013050.D
 Acq: 16 Sep 2019 18:59

Tgt Ion: 114 Resp: 480035
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.180 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013050.D

Acq: 16 Sep 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

TP-7-D2(9.5-10)

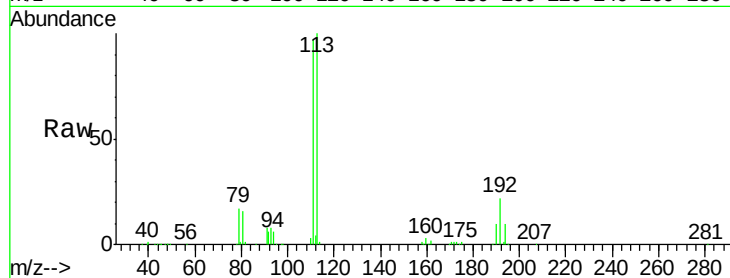
Tot Ion:113 Resp: 141125

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

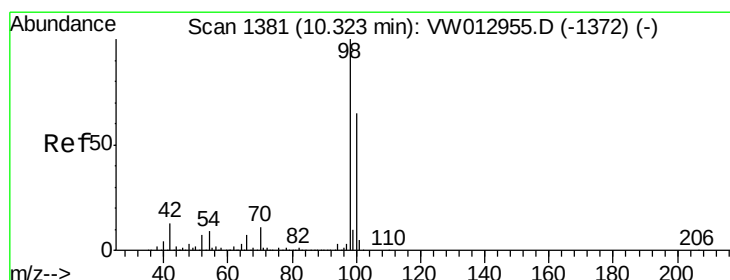
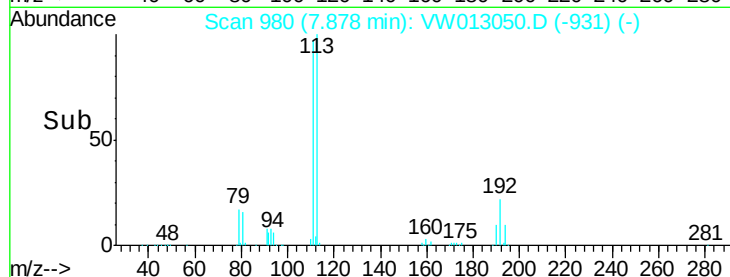
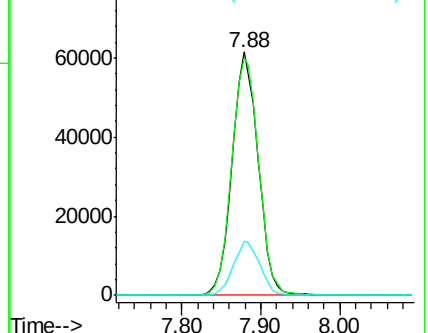
192 22.6 17.8 26.8



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: 56.736 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013050.D

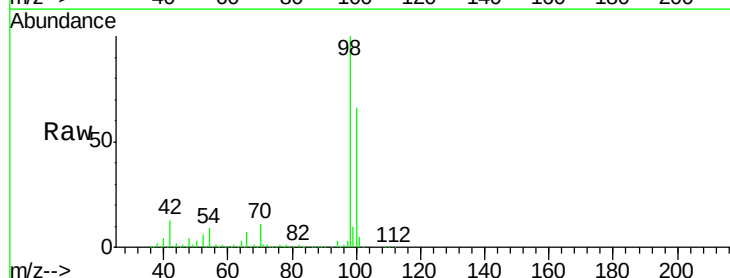
Acq: 16 Sep 2019 18:59

Tgt Ion: 98 Resp: 578285

Ion Ratio Lower Upper

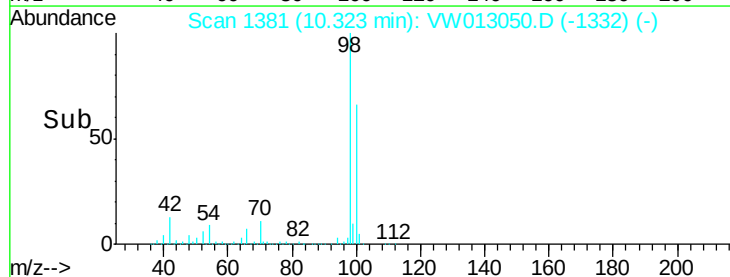
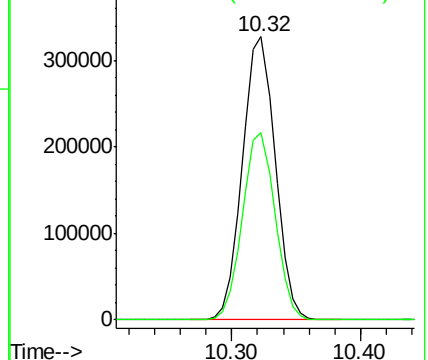
98 100

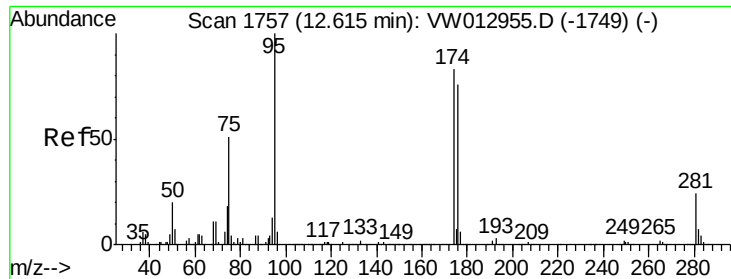
100 65.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 50.974 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013050.D

Acq: 16 Sep 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

TP-7-D2(9.5-10)

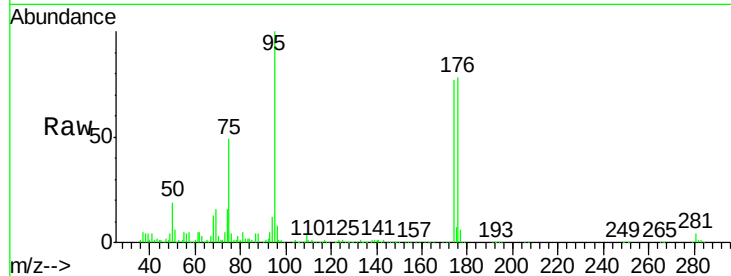
Tot Ion: 95 Resp: 186823

Ion Ratio Lower Upper

95 100

174 80.5 0.0 170.4

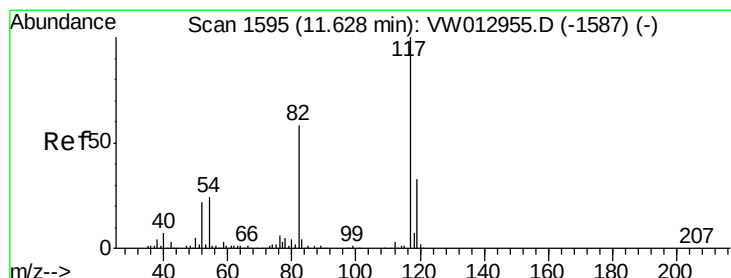
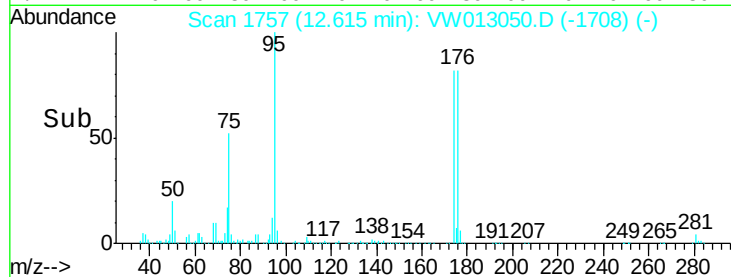
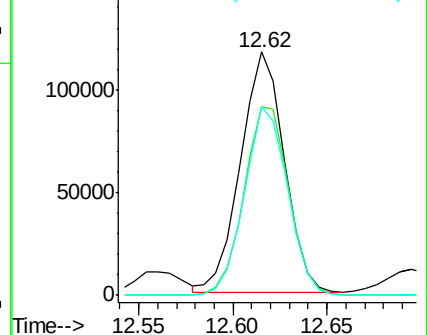
176 78.1 0.0 164.6



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# 1595

Delta R.T. -0.00 min

Lab File: VW013050.D

Acq: 16 Sep 2019 18:59

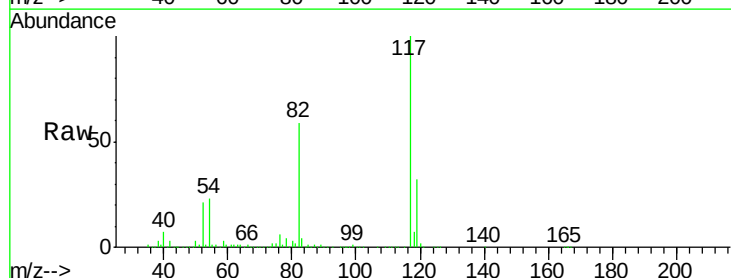
Tgt Ion: 117 Resp: 400589

Ion Ratio Lower Upper

117 100

82 58.5 46.3 69.5

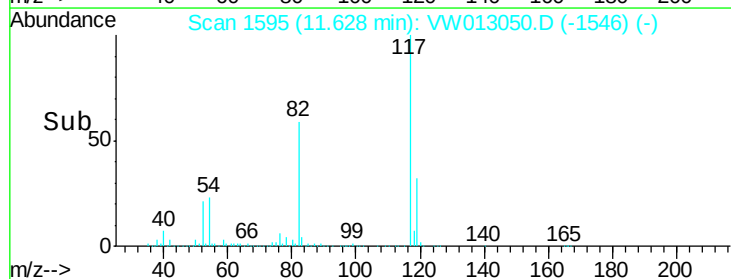
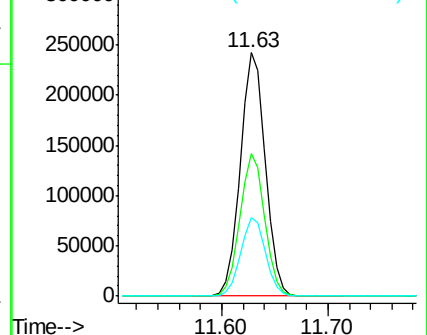
119 32.4 26.2 39.4

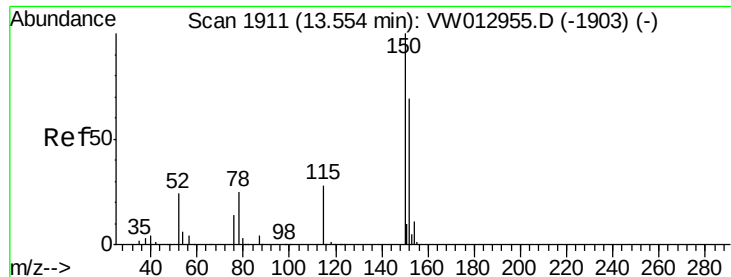


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW013050.D

Acq: 16 Sep 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

TP-7-D2(9.5-10)

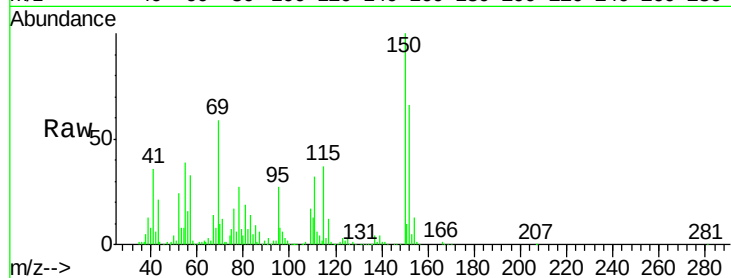
Tot Ion:152 Resp: 191920

Ion Ratio Lower Upper

152 100

115 46.1 28.8 86.4

150 122.7 0.0 340.2



Abundance Ion 151.90 (151.60 to 152.60): V

200000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

150000

100000

50000

0

13.55

13.60

Time-->

