

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012724.D
 Acq On : 07 Sep 2019 17:21
 Operator : SY/VA
 Sample : K4554-19
 Misc : 3.84G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-0-2

Quant Time: Sep 08 05:31:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

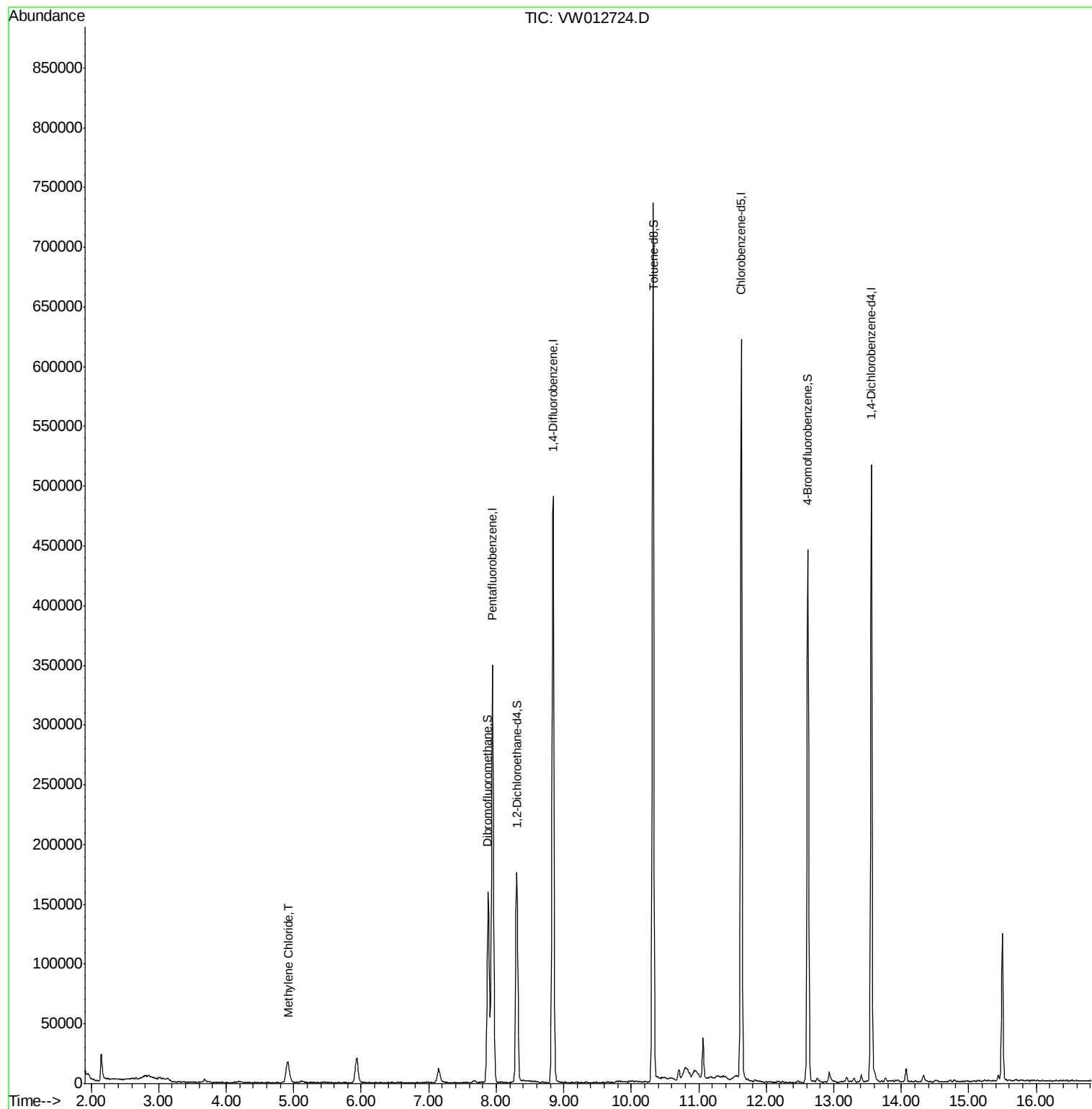
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	130331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146384	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
35) Dibromofluoromethane	7.88	113	116028	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.32	98	462416	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.62	95	144234	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
Target Compounds						
20) Methylene Chloride	4.92	84	13685	5.687	ug/l	Qvalue 91

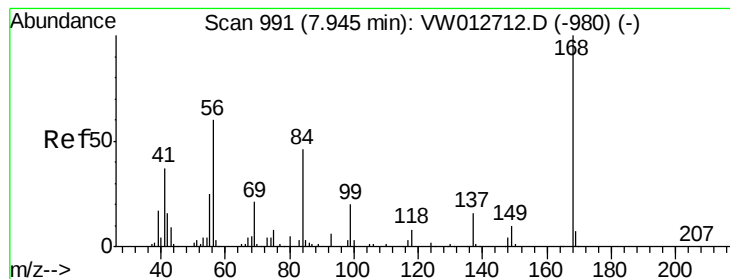
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

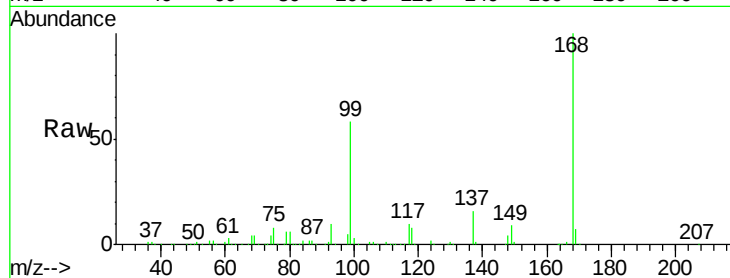
SB-10-(0-2)

Tot Ion:168 Resp: 252528

Ion Ratio Lower Upper

168 100

99 58.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

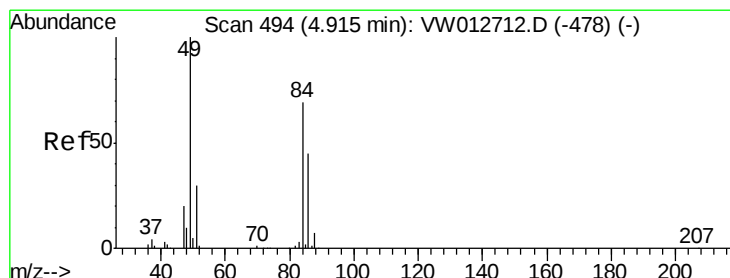
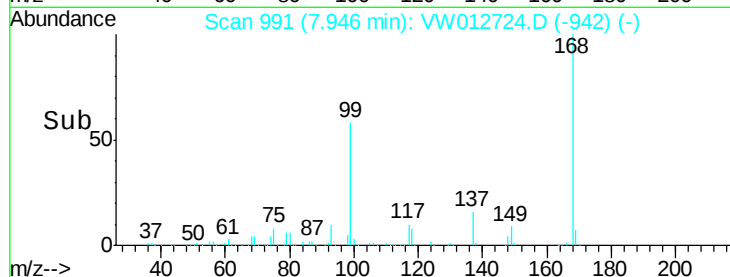
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.687 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW012724.D

Acq: 07 Sep 2019 17:21

Tgt Ion: 84 Resp: 13685

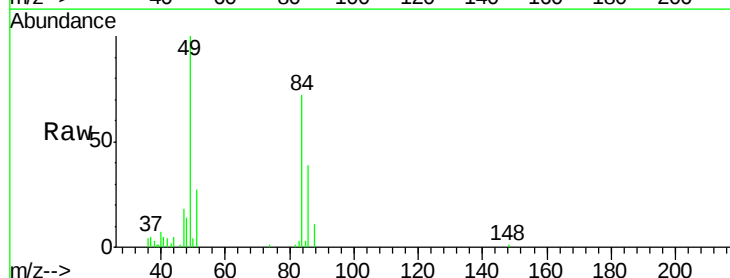
Ion Ratio Lower Upper

84 100

49 135.7 115.4 173.0

51 37.7 34.9 52.3

86 54.5 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

8000

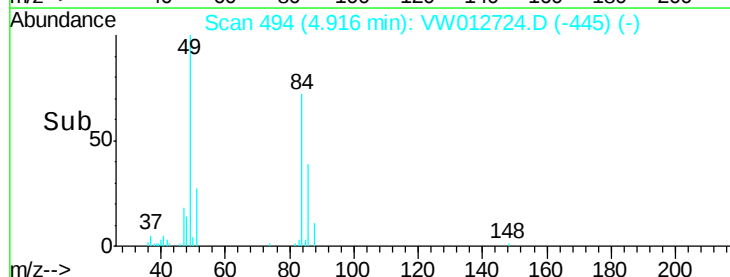
6000

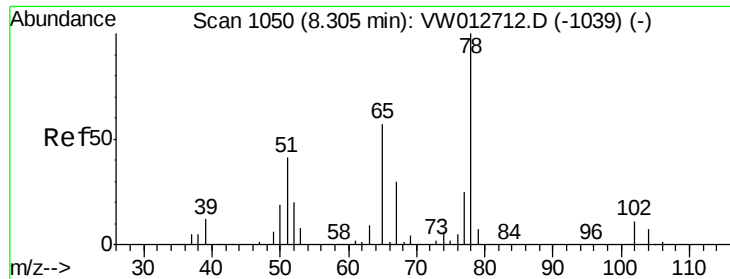
4000

2000

0

Time--> 4.80 4.90 5.00

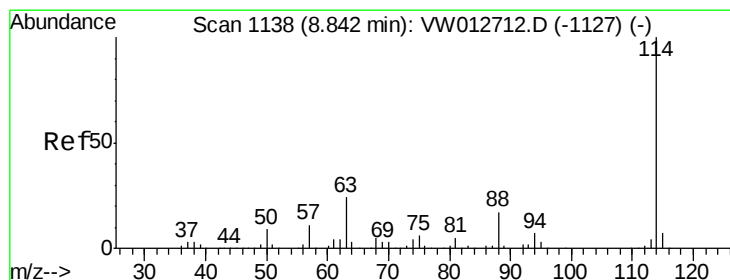
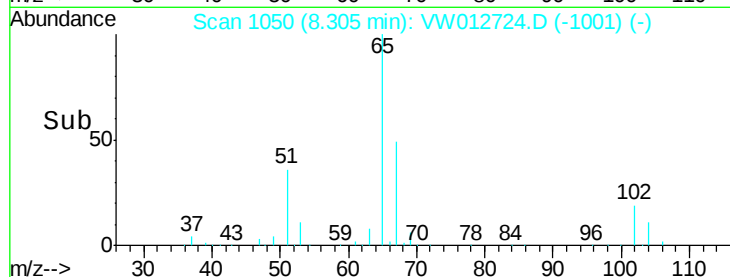
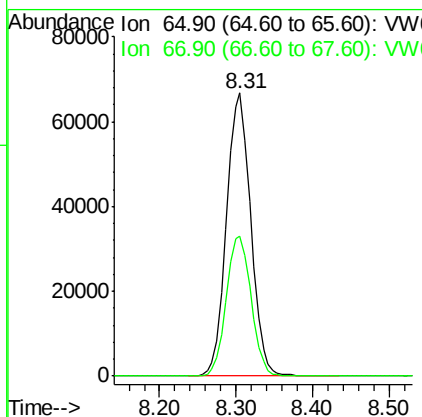
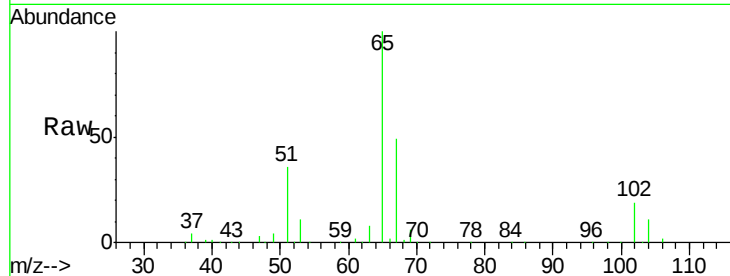




#33
 1,2-Dichloroethane-d4
 Concen: 51.880 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012724.D
 Acq: 07 Sep 2019 17:21

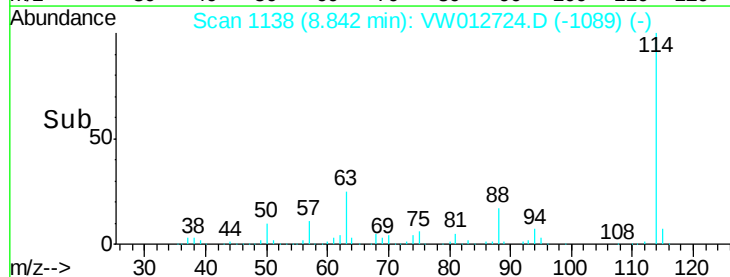
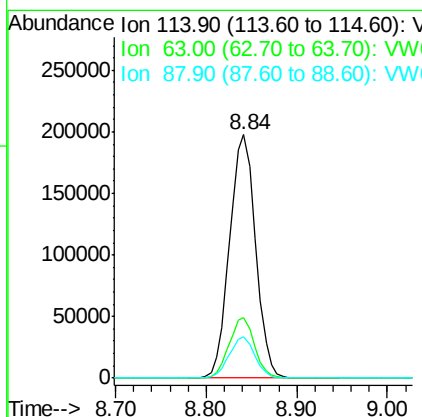
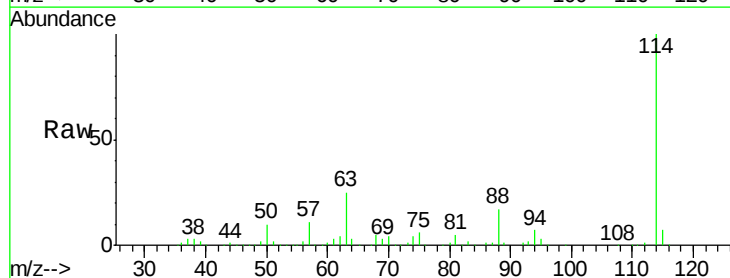
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10-(0-2)

Tot Ion: 65 Resp: 146384
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012724.D
 Acq: 07 Sep 2019 17:21

Tgt Ion: 114 Resp: 393461
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 47.2
 88 17.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.601 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012724.D

Acq: 07 Sep 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

SB-10-(0-2)

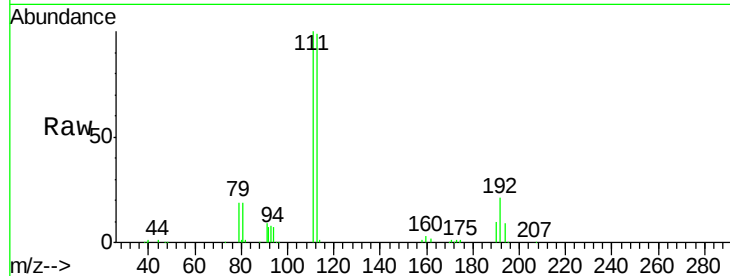
Tot Ion:113 Resp: 116028

Ion Ratio Lower Upper

113 100

111 102.6 80.2 120.4

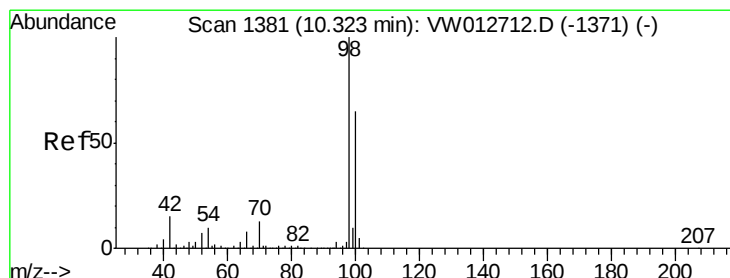
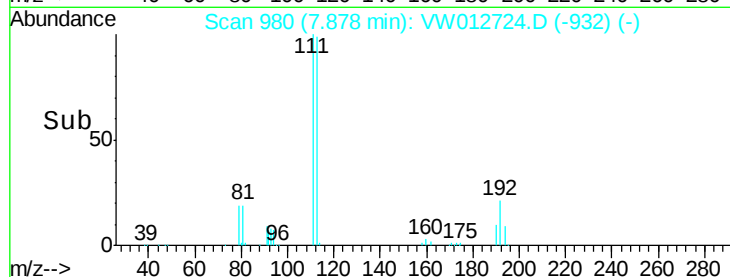
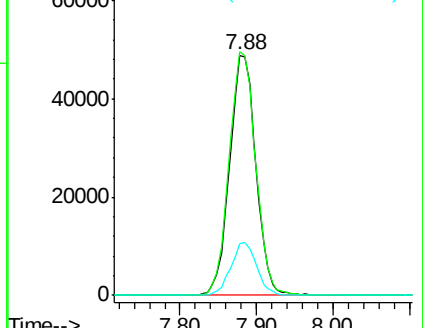
192 21.6 17.3 25.9



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: 50.457 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012724.D

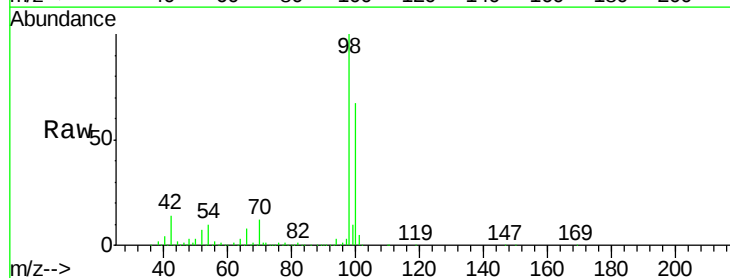
Acq: 07 Sep 2019 17:21

Tgt Ion: 98 Resp: 462416

Ion Ratio Lower Upper

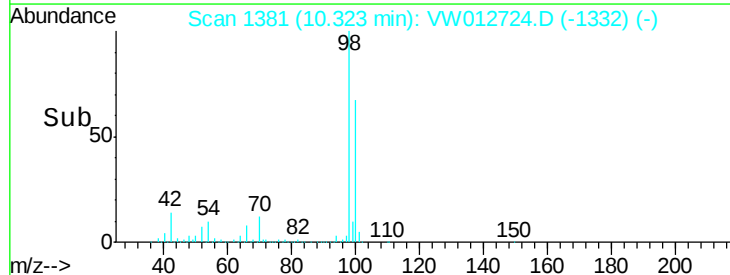
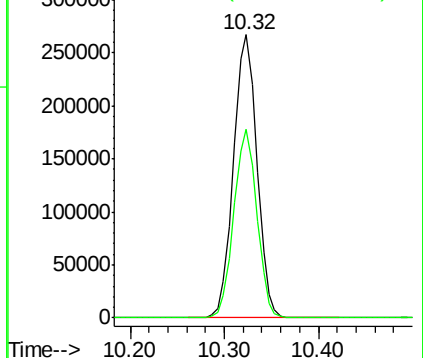
98 100

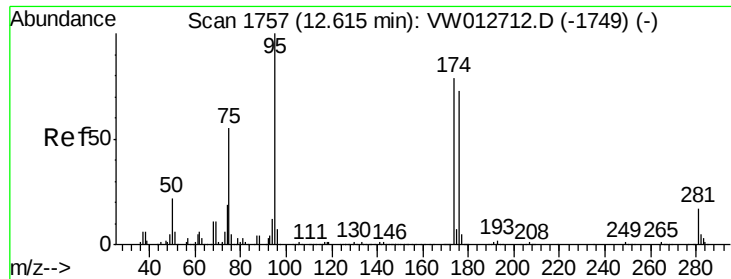
100 65.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 43.352 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012724.D

Acq: 07 Sep 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

SB-10-(0-2)

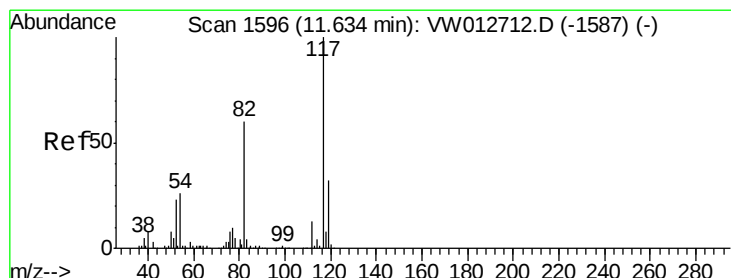
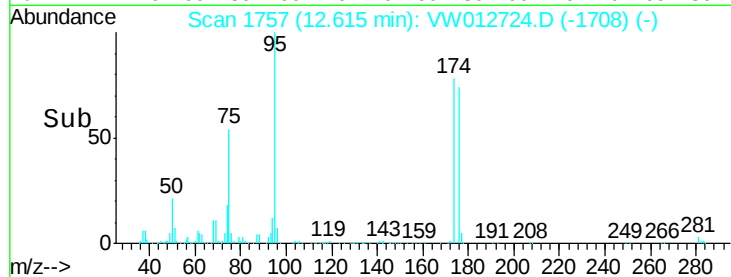
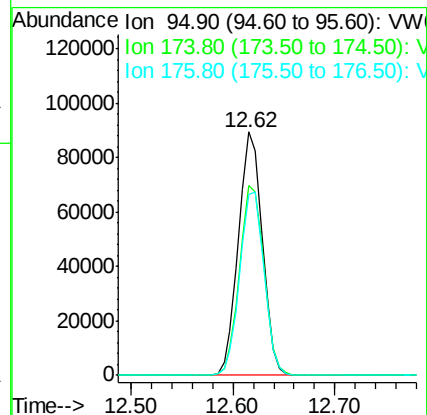
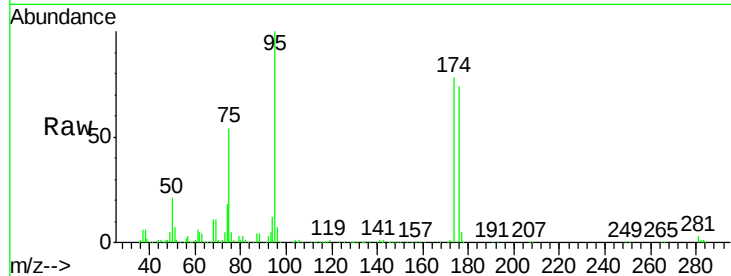
Tot Ion: 95 Resp: 144234

Ion Ratio Lower Upper

95 100

174 79.6 0.0 161.0

176 76.7 0.0 156.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012724.D

Acq: 07 Sep 2019 17:21

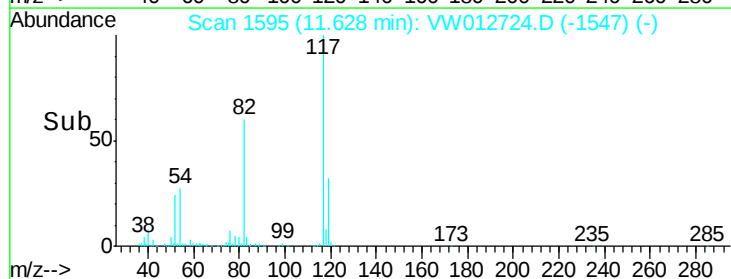
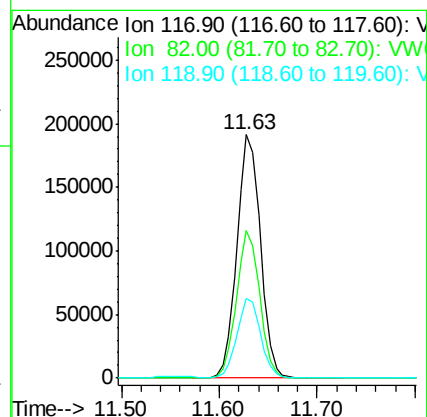
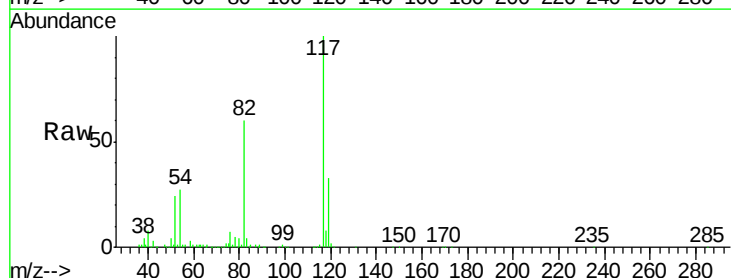
Tgt Ion: 117 Resp: 319175

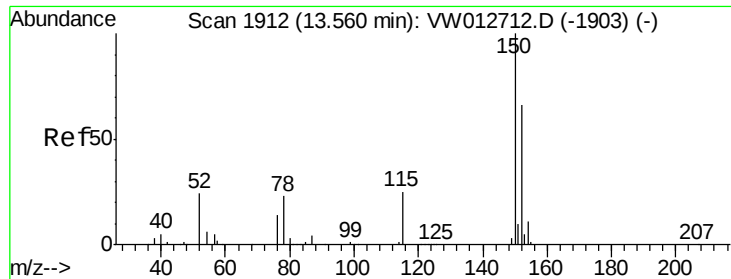
Ion Ratio Lower Upper

117 100

82 60.4 48.2 72.4

119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012724.D

Acq: 07 Sep 2019 17:21

Instrument :

MSVOA_W

ClientSampleId :

SB-10-(0-2)

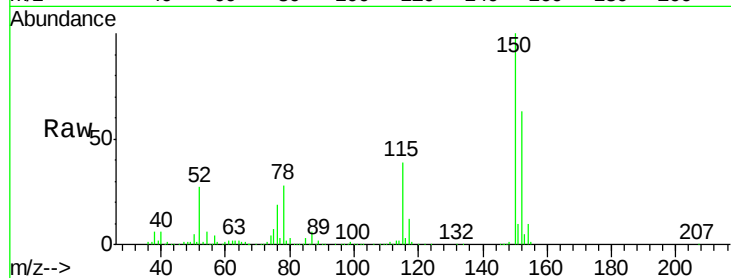
Tot Ion:152 Resp: 130331

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.1

150 156.1 0.0 349.0



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

