

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015817.D
 Acq On : 08 Jul 2020 18:34
 Operator : SY/VA
 Sample : L3246-01
 Misc : 7.65G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JA-COMP

Quant Time: Jul 09 05:30:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

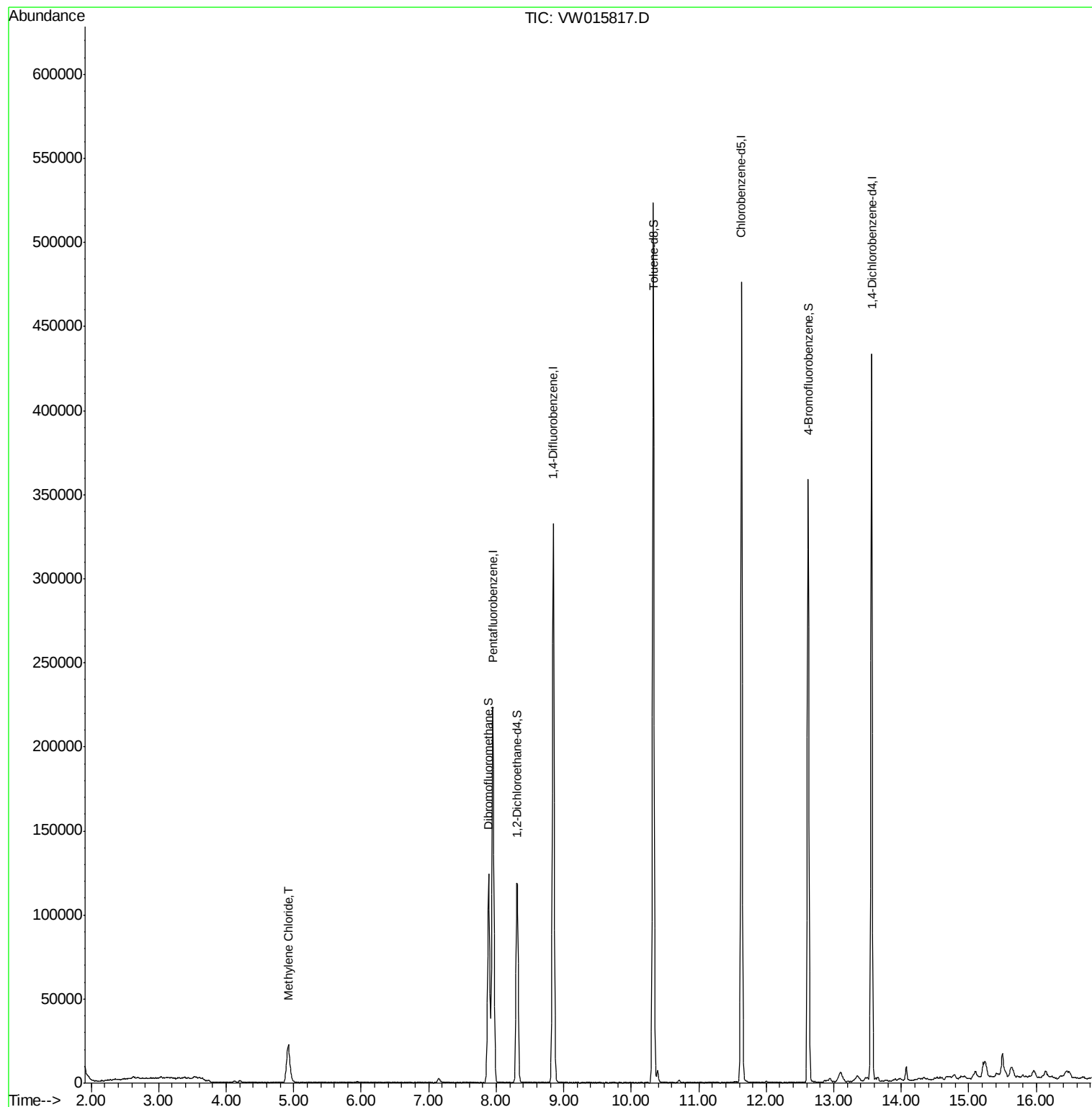
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	156268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	272811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97326	60.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.96%	
35) Dibromofluoromethane	7.89	113	85556	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
50) Toluene-d8	10.32	98	337483	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
62) 4-Bromofluorobenzene	12.62	95	113220	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
20) Methylene Chloride	4.92	84	18782	8.346	ug/l	Qvalue 97

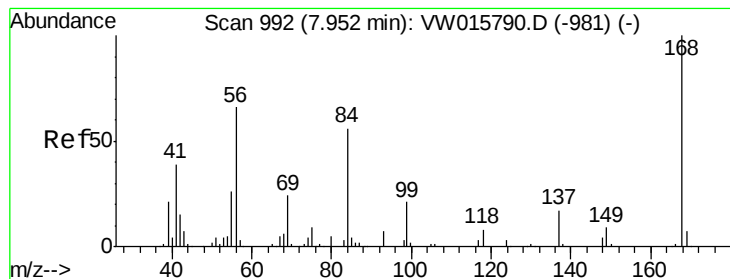
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015817.D

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Instrument :

MSVOA_W

ClientSampleId :

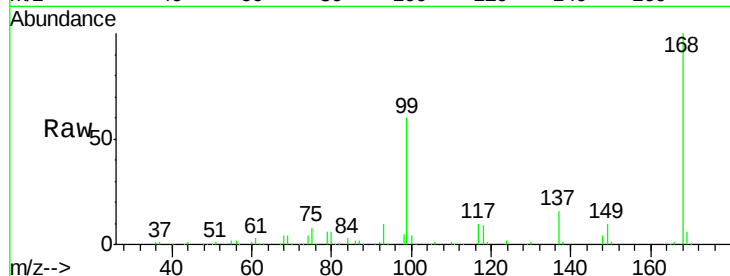
JA-COMP

Tot Ion:168 Resp: 156268

Ion Ratio Lower Upper

168 100

99 60.2 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

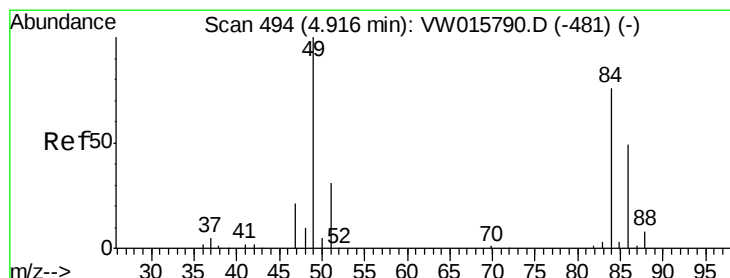
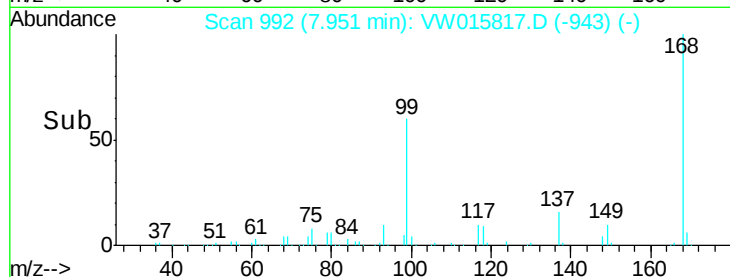
40000

20000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 8.346 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015817.D

Acq: 08 Jul 2020 18:34

Tgt Ion: 84 Resp: 18782

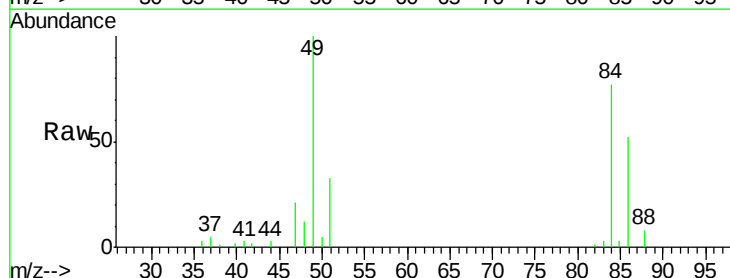
Ion Ratio Lower Upper

84 100

49 130.0 105.0 157.6

51 43.4 32.3 48.5

86 67.5 51.2 76.8



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

10000

8000

6000

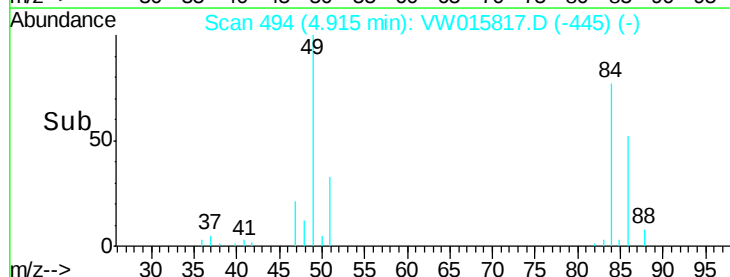
4000

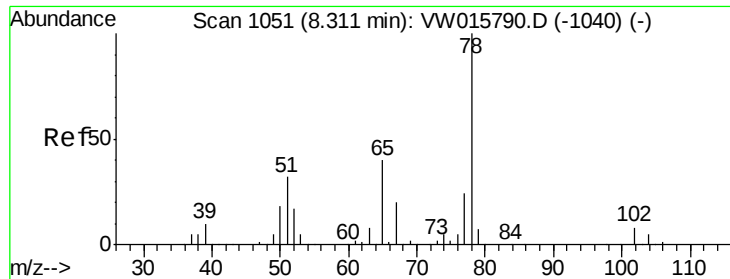
2000

0

4.80 4.90 5.00 5.10

Time-->

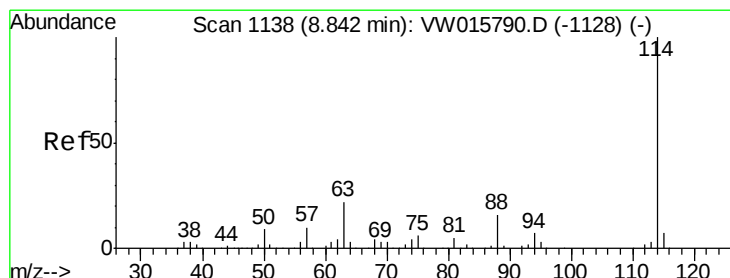
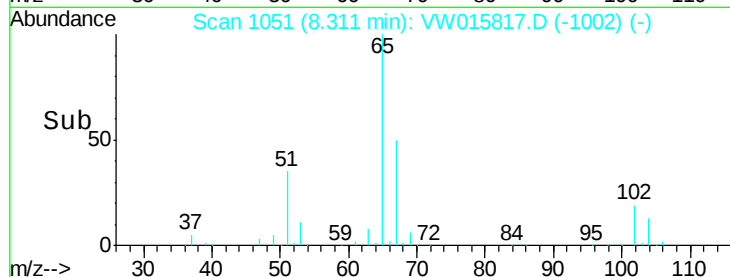
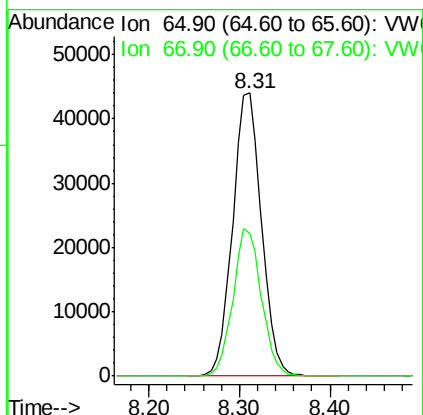
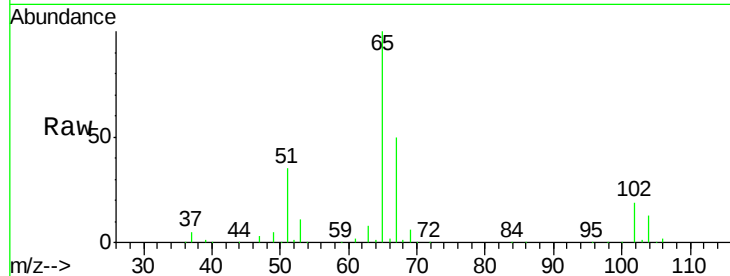




#33
 1,2-Dichloroethane-d4
 Concen: 60.482 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015817.D
 Acq: 08 Jul 2020 18:34

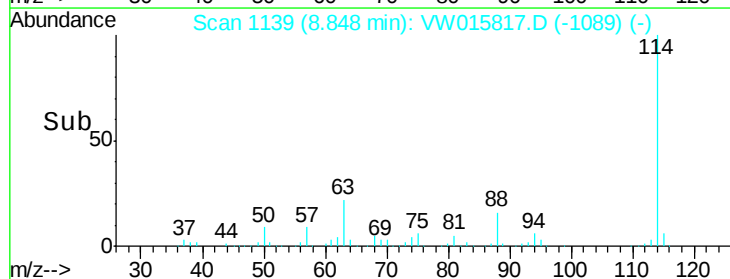
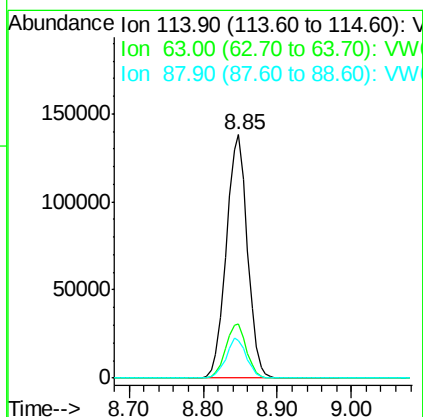
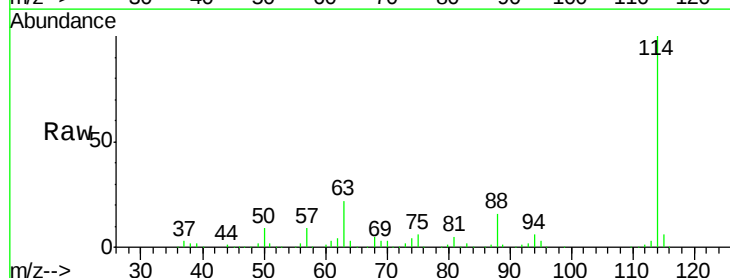
Instrument :
 MSVOA_W
 ClientSampleId :
 JA-COMP

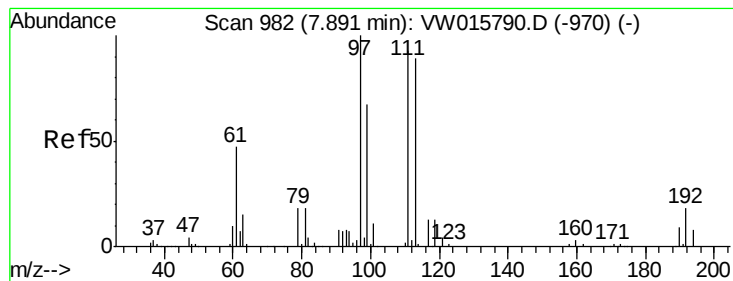
Tot Ion: 65 Resp: 97326
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015817.D
 Acq: 08 Jul 2020 18:34

Tgt Ion: 114 Resp: 272811
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.4
 88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.754 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015817.D

Acq: 08 Jul 2020 18:34

Instrument :

MSVOA_W

ClientSampleId :

JA-COMP

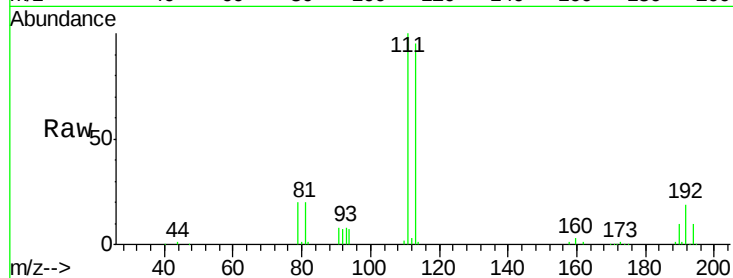
Tot Ion:113 Resp: 85556

Ion Ratio Lower Upper

113 100

111 104.1 82.8 124.2

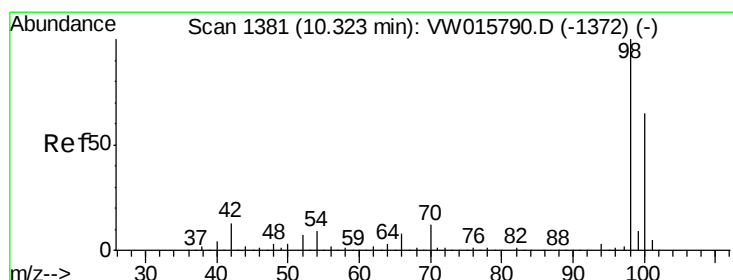
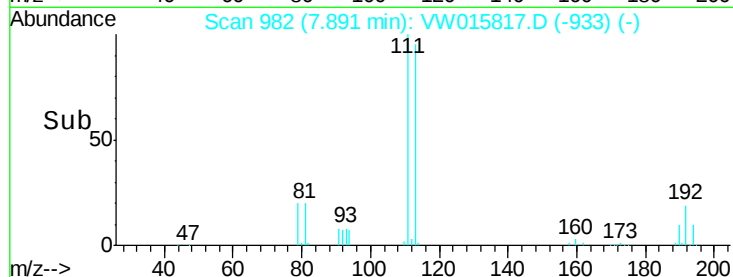
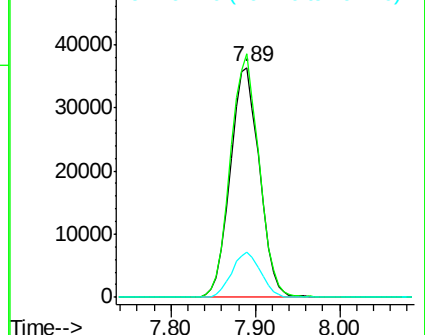
192 19.5 15.4 23.2



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: 55.201 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015817.D

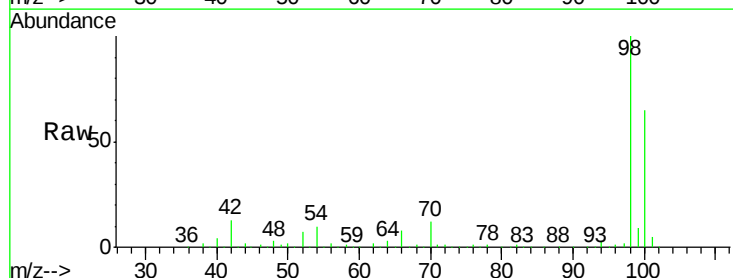
Acq: 08 Jul 2020 18:34

Tgt Ion: 98 Resp: 337483

Ion Ratio Lower Upper

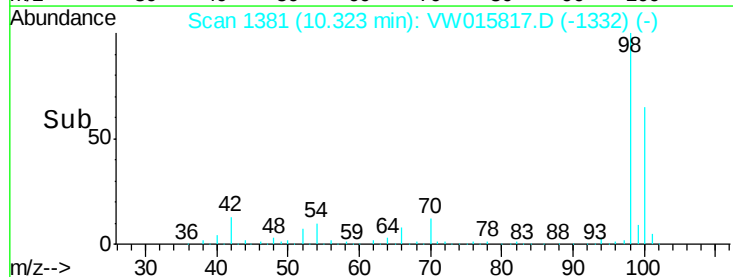
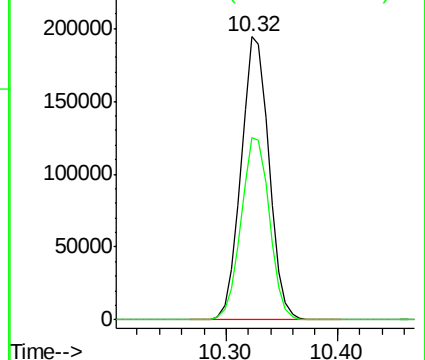
98 100

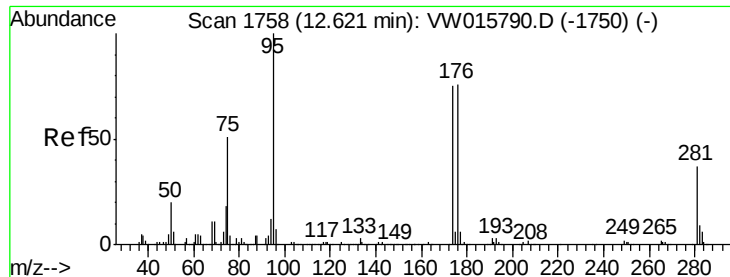
100 65.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 50.468 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015817.D

Acq: 08 Jul 2020 18:34

Instrument :

MSVOA_W

ClientSampleId :

JA-COMP

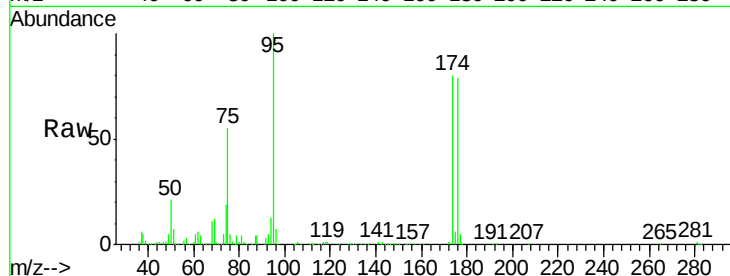
Tot Ion: 95 Resp: 113220

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

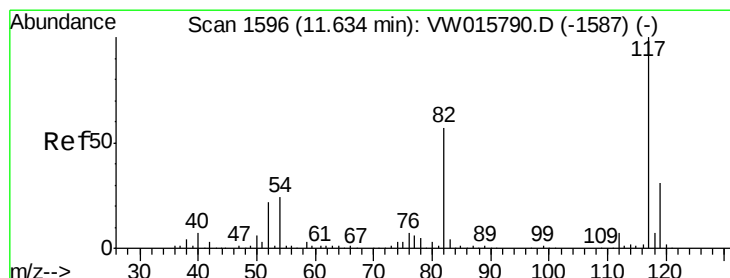
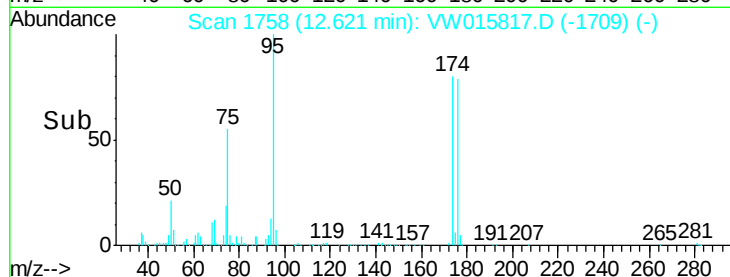
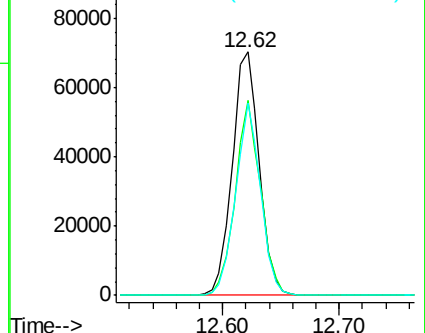
176 72.8 0.0 148.4



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: VW015817.D

Acq: 08 Jul 2020 18:34

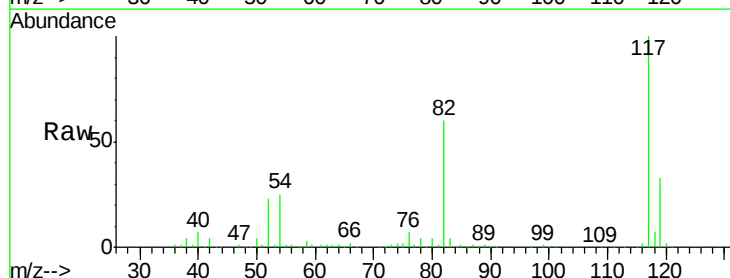
Tgt Ion: 117 Resp: 249880

Ion Ratio Lower Upper

117 100

82 60.1 45.5 68.3

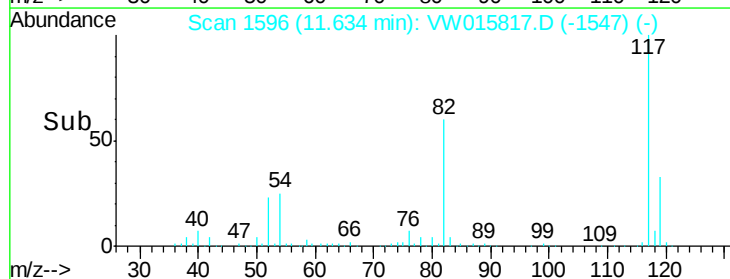
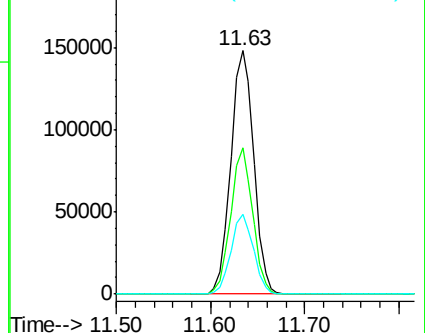
119 32.8 25.0 37.6

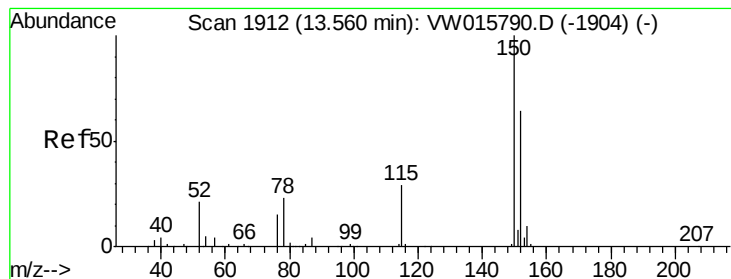


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015817.D

Acq: 08 Jul 2020 18:34

Instrument :

MSVOA_W

ClientSampleId :

JA-COMP

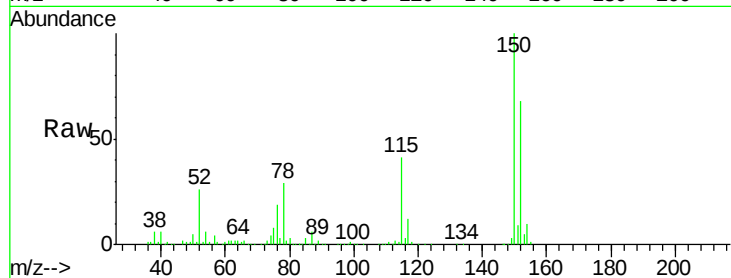
Tot Ion:152 Resp: 111492

Ion Ratio Lower Upper

152 100

115 60.0 29.9 89.7

150 154.8 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

