

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015290.D
 Acq On : 22 Apr 2020 03:59
 Operator : SY/VA
 Sample : L2342-01
 Misc : 6.11G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-18

Quant Time: Apr 22 08:19:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

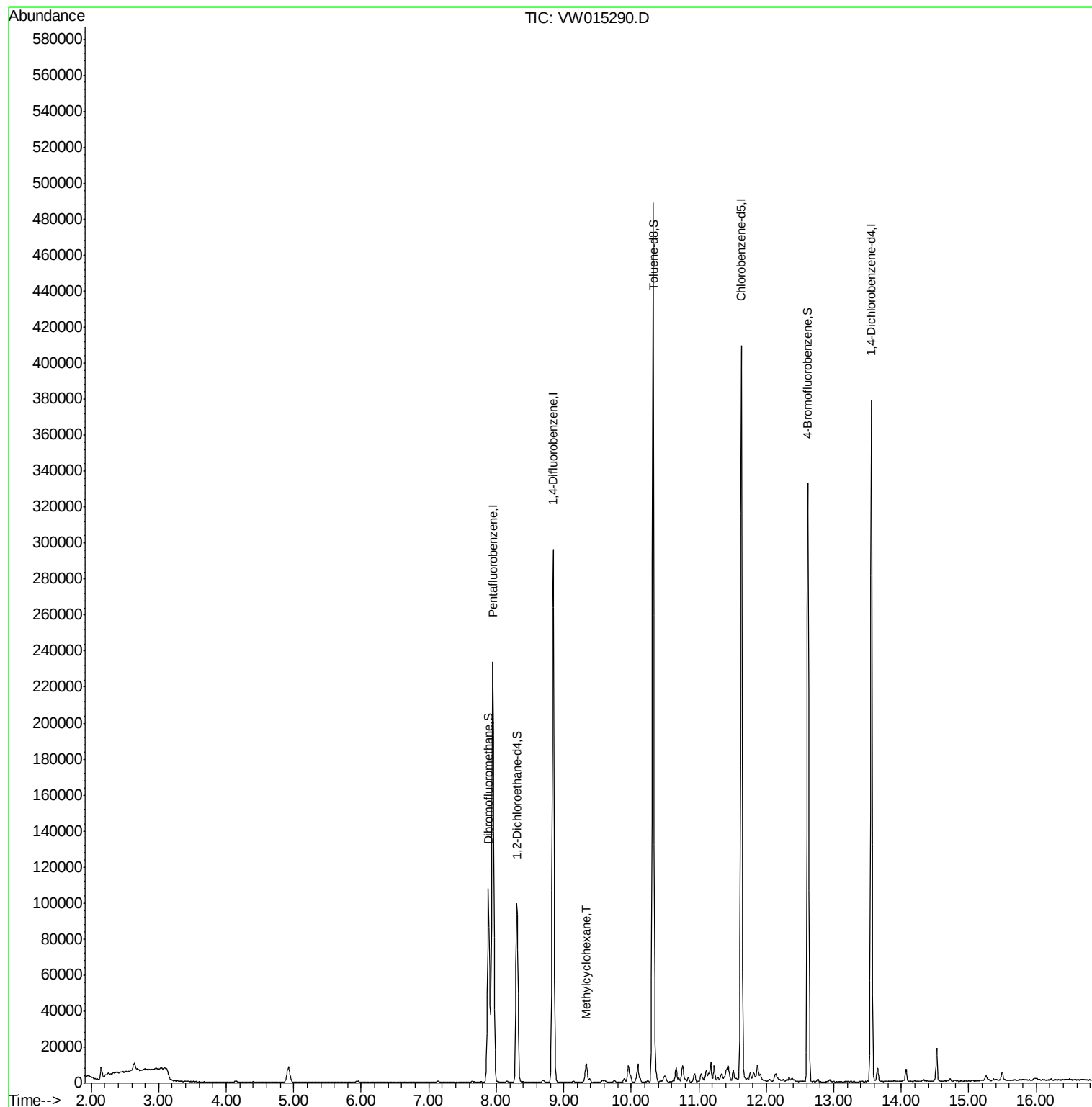
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	265843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79336	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
35) Dibromofluoromethane	7.88	113	77002	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
50) Toluene-d8	10.32	98	317270	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.62	95	108655	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
Target Compounds						
39) Methylcyclohexane	9.34	83	4173	1.307	ug/l	Qvalue 94

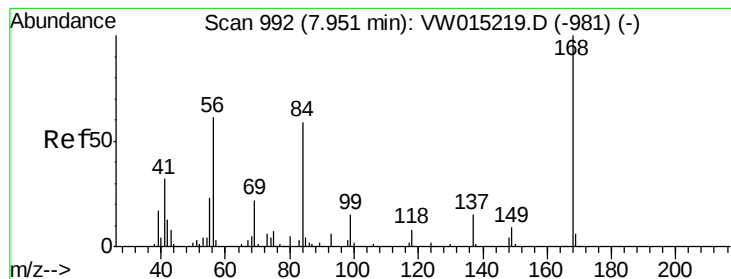
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015290.D

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Instrument :

MSVOA_W

ClientSampleId :

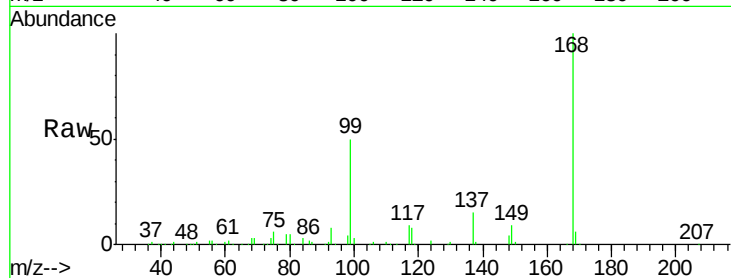
TP-18

Tot Ion:168 Resp: 195068

Ion Ratio Lower Upper

168 100

99 50.4 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

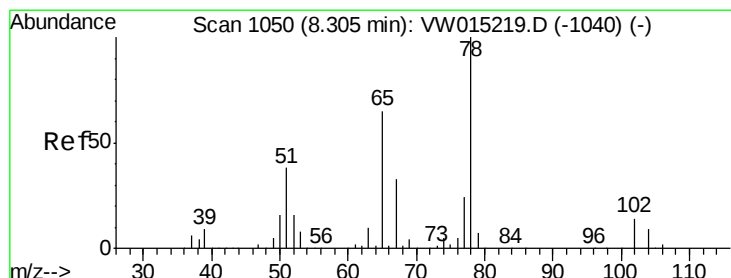
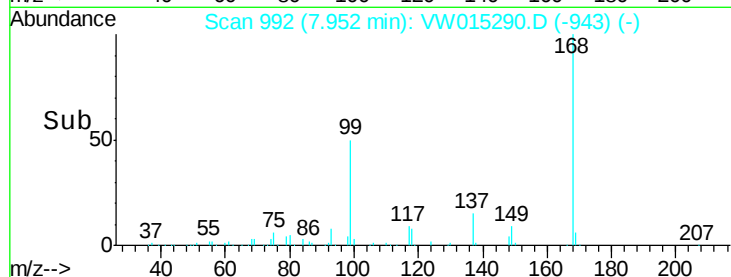
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 49.735 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015290.D

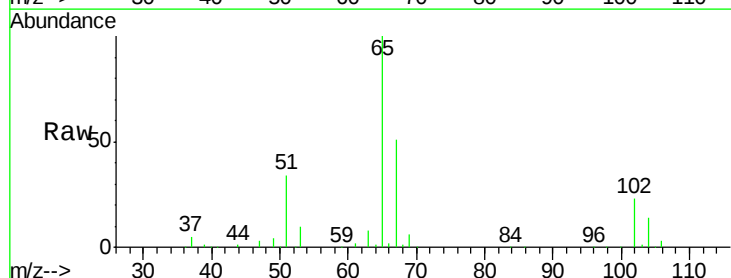
Acq: 22 Apr 2020 03:59

Tgt Ion: 65 Resp: 79336

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

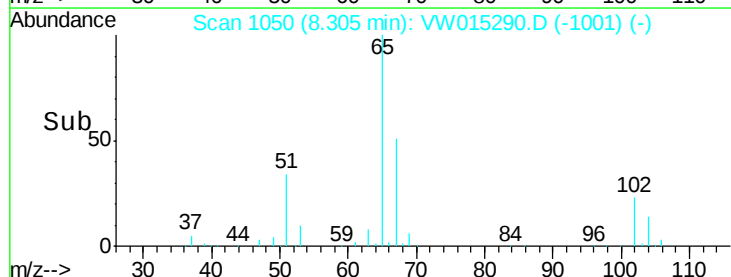
30000

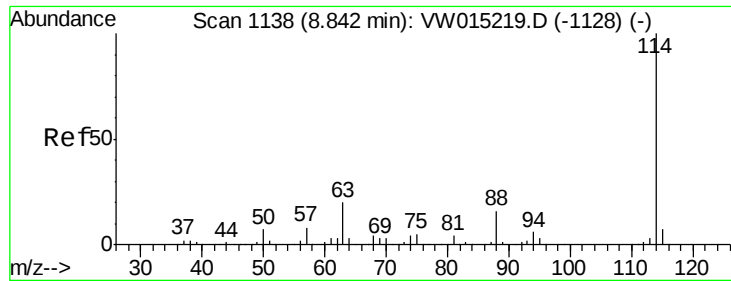
20000

10000

0

Time--> 8.20 8.30 8.40 8.50

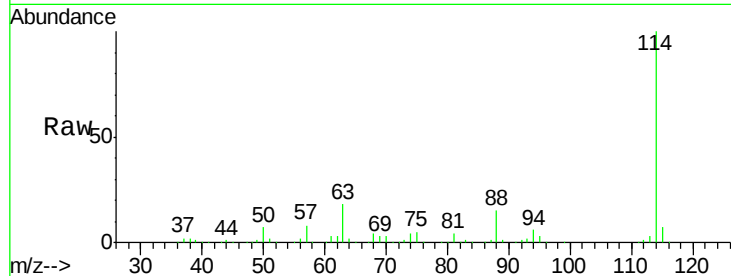




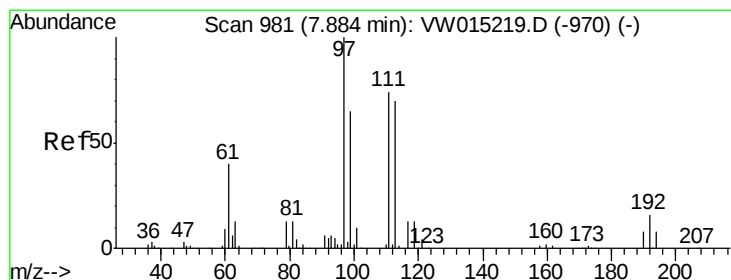
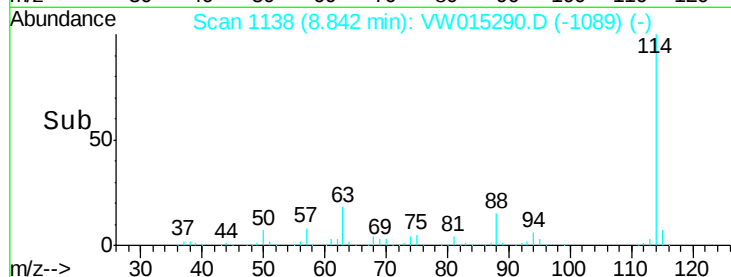
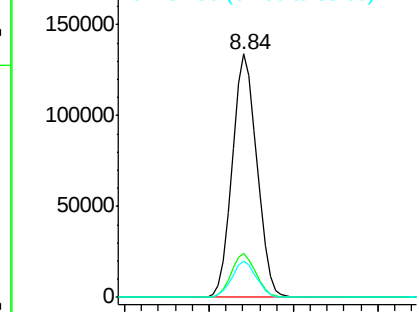
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015290.D
 Acq: 22 Apr 2020 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-18

Tot Ion:114 Resp: 265843
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 15.0 0.0 30.2

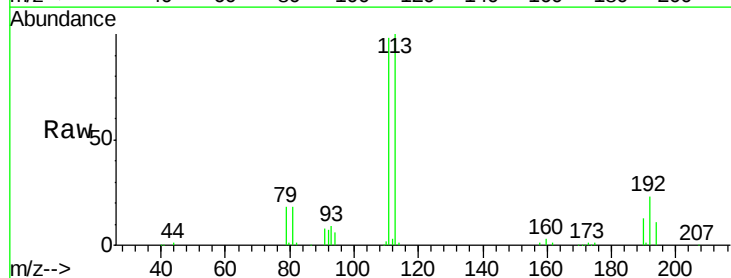


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

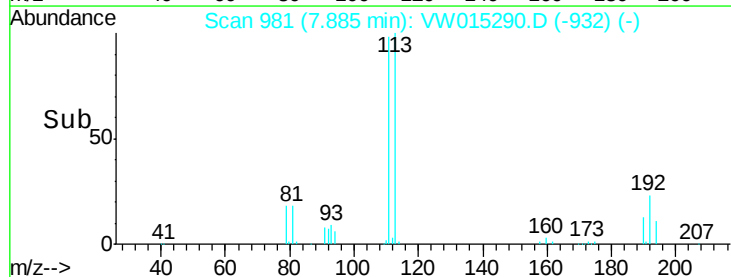
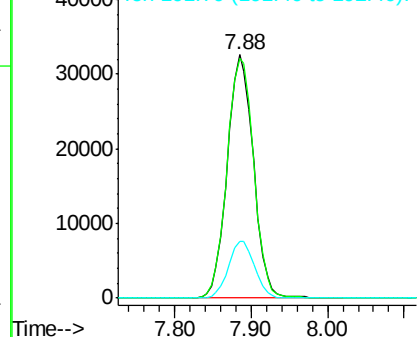


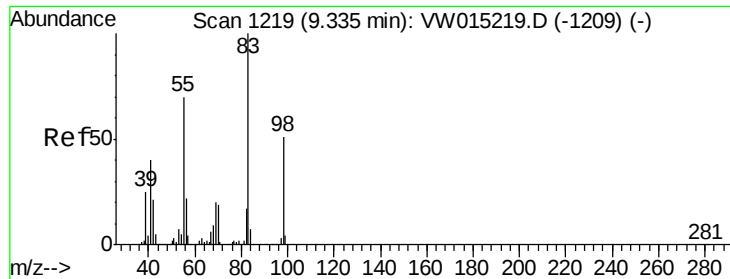
#35
 Dibromofluoromethane
 Concen: 52.292 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015290.D
 Acq: 22 Apr 2020 03:59

Tgt Ion:113 Resp: 77002
 Ion Ratio Lower Upper
 113 100
 111 100.8 83.0 124.4
 192 23.3 15.1 22.7#



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

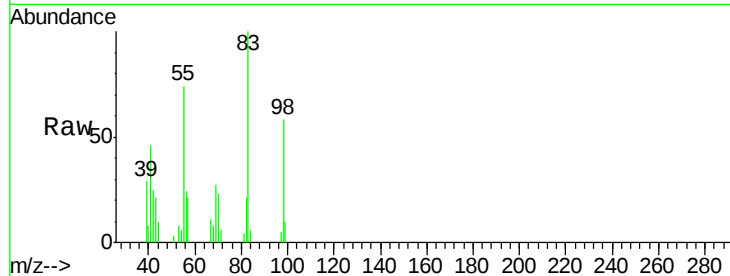




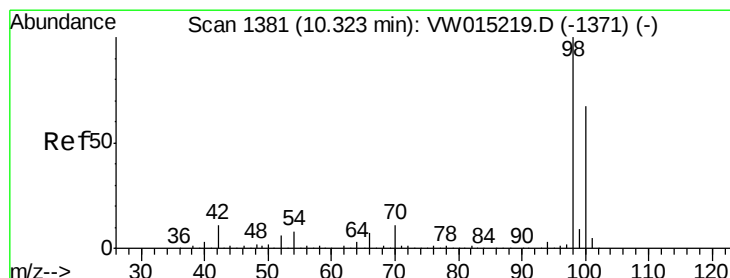
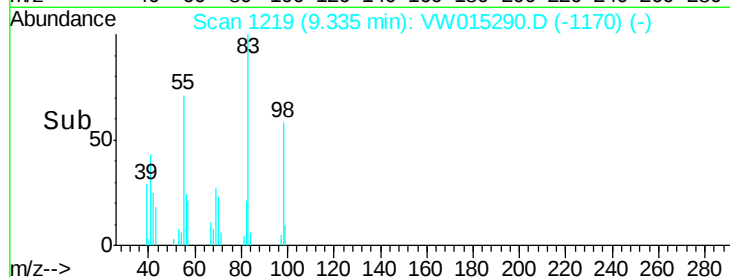
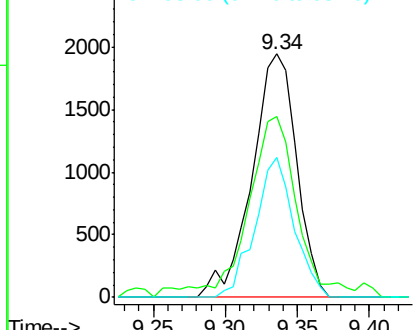
#39
Methylcyclohexane
Concen: 1.307 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015290.D
Acq: 22 Apr 2020 03:59

Instrument :
MSVOA_W
ClientSampled :
TP-18

Tot Ion: 83 Resp: 4173
Ion Ratio Lower Upper
83 100
55 69.7 58.1 87.1
98 57.6 40.2 60.4

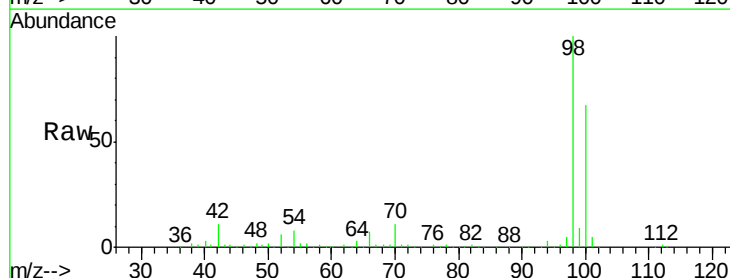


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

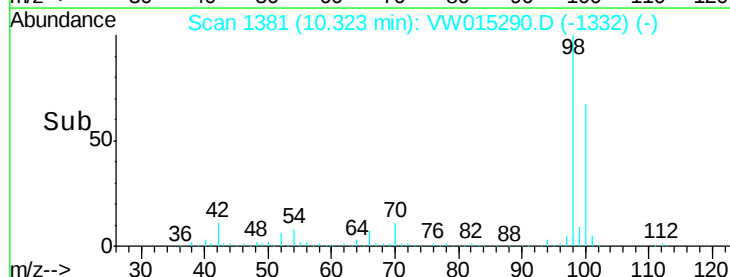
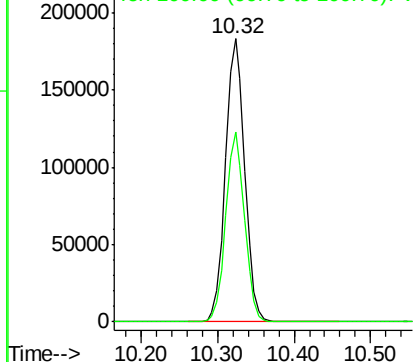


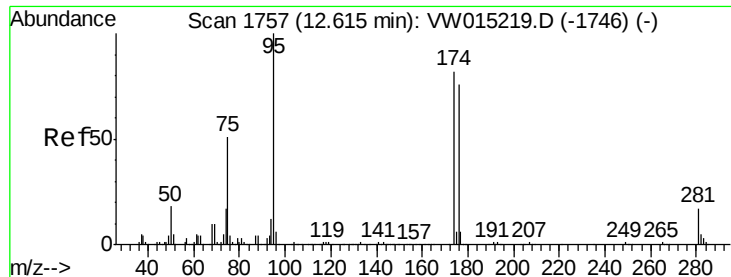
#50
Toluene-d8
Concen: 51.217 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015290.D
Acq: 22 Apr 2020 03:59

Tgt Ion: 98 Resp: 317270
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.972 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015290.D

Acq: 22 Apr 2020 03:59

Instrument :

MSVOA_W

ClientSampled :

TP-18

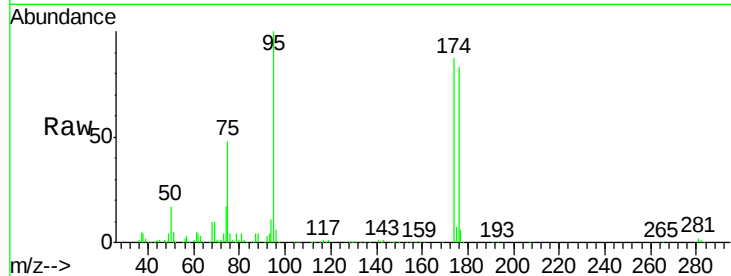
Tot Ion: 95 Resp: 108655

Ion Ratio Lower Upper

95 100

174 90.6 0.0 144.4

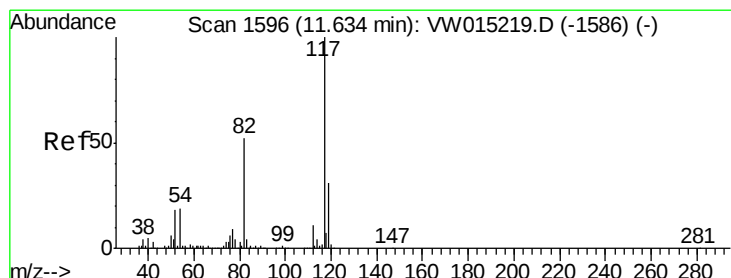
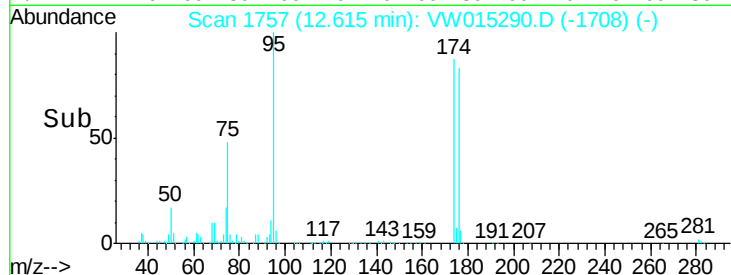
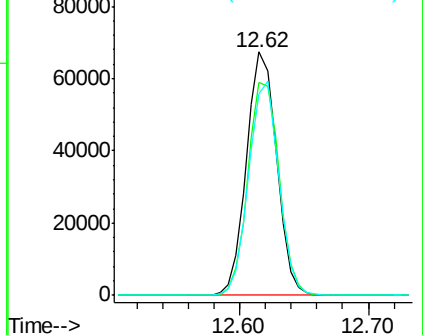
176 87.9 0.0 140.6



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. -0.01 min

Lab File: VW015290.D

Acq: 22 Apr 2020 03:59

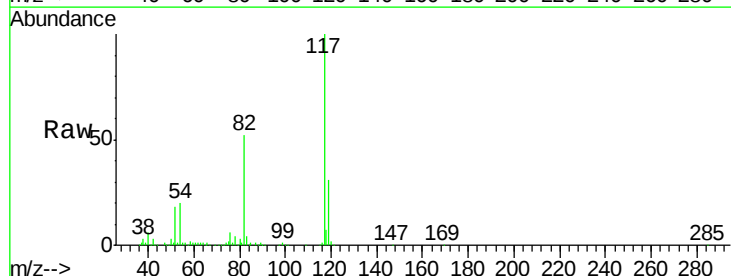
Tgt Ion: 117 Resp: 243586

Ion Ratio Lower Upper

117 100

82 52.4 44.1 66.1

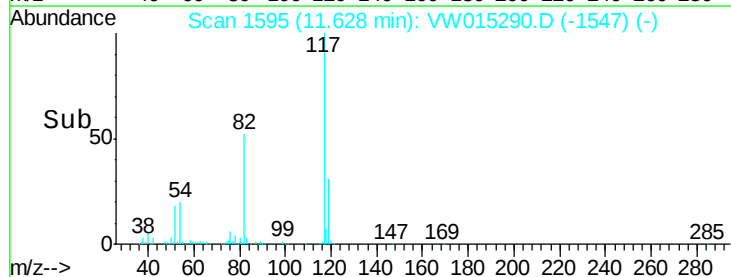
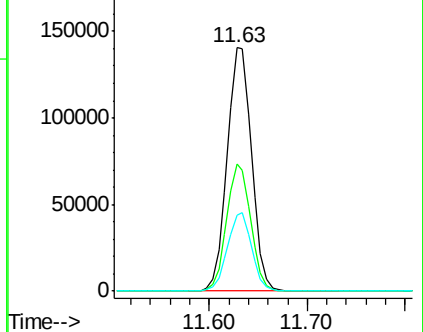
119 31.2 24.9 37.3

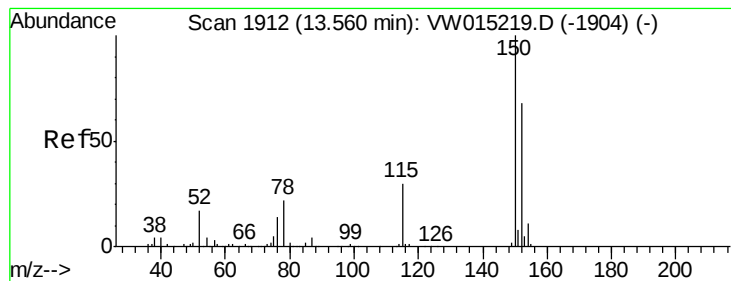


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW015290.D

Acq: 22 Apr 2020 03:59

Instrument :

MSVOA_W

ClientSampleId :

TP-18

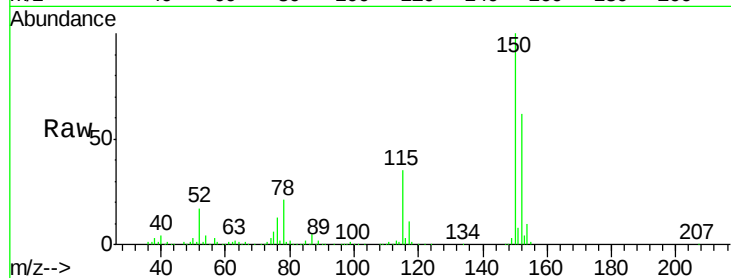
Tot Ion:152 Resp: 108398

Ion Ratio Lower Upper

152 100

115 56.4 31.3 93.9

150 157.5 0.0 343.4



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

