

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015209.D
 Acq On : 15 Apr 2020 18:23
 Operator : SY/VA
 Sample : L2277-01
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-2

Quant Time: Apr 16 04:53:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:44:16 2020
 Response via : Initial Calibration

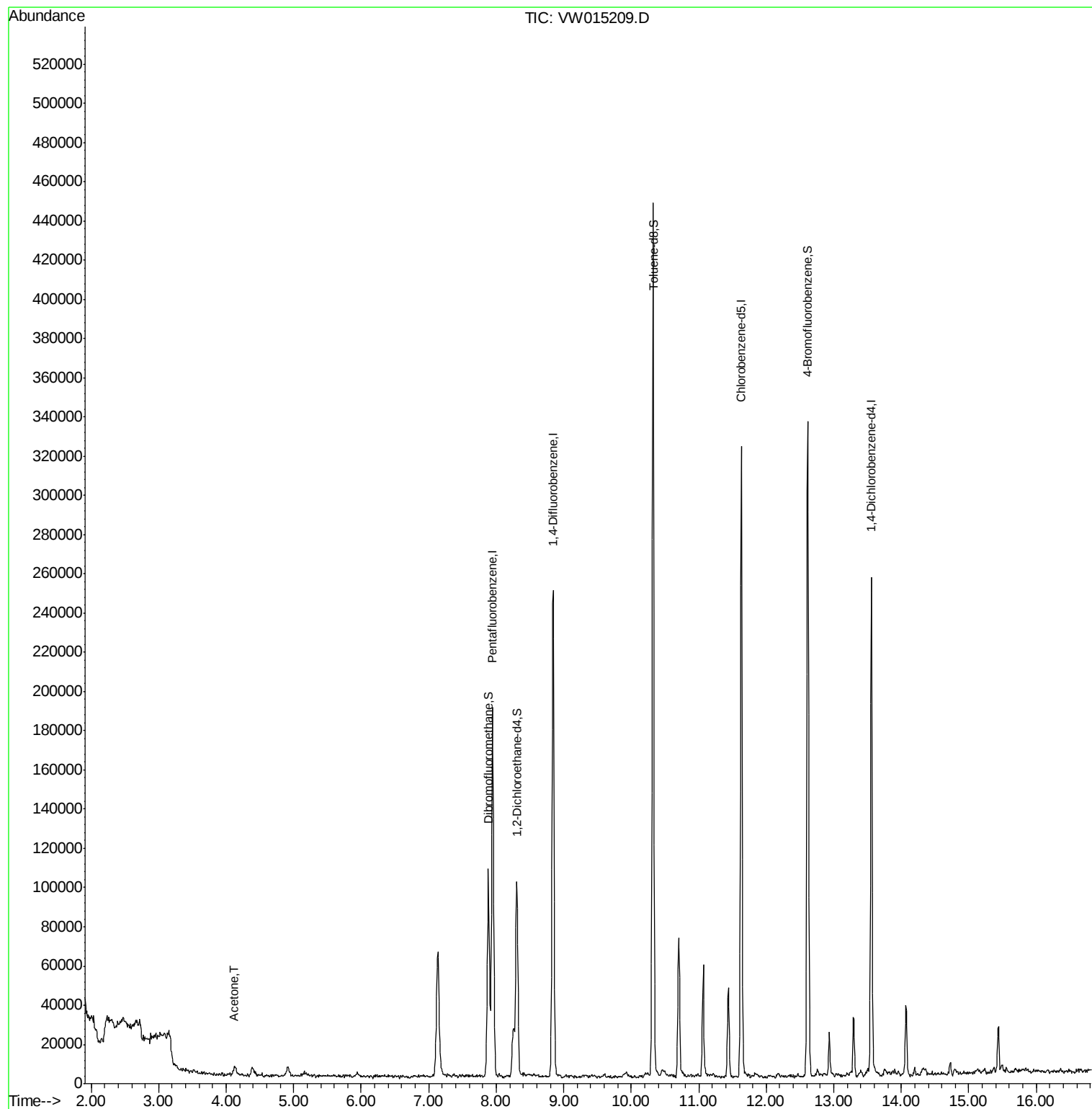
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	138361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	224778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	183933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	76475	58.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.90%	
35) Dibromofluoromethane	7.88	113	77291	62.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.36%	
50) Toluene-d8	10.32	98	298880	59.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.38%	
62) 4-Bromofluorobenzene	12.62	95	93180	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
Target Compounds						
16) Acetone	4.12	43	10660	45.746	ug/l #	Qvalue 85

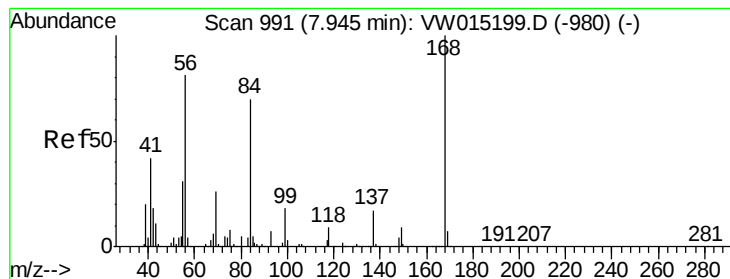
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015209.D

Acq: 15 Apr 2020 18:23

Instrument :

MSVOA_W

ClientSampled :

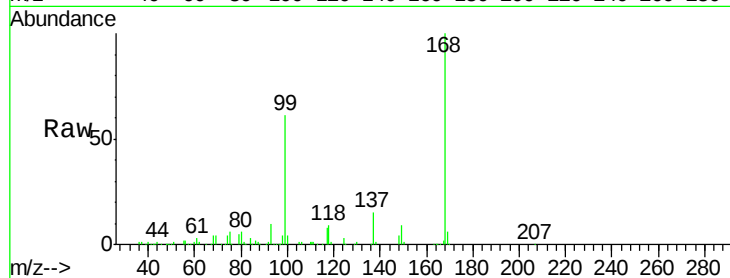
B-2

Tot Ion:168 Resp: 138361

Ion Ratio Lower Upper

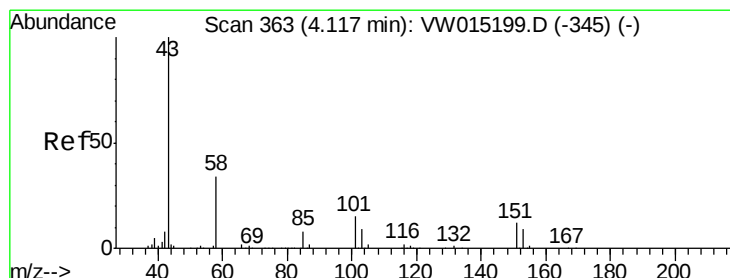
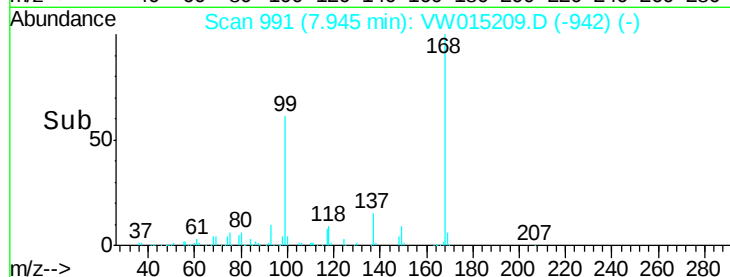
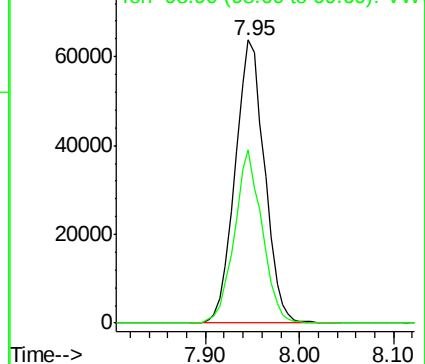
168 100

99 61.0 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 45.746 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW015209.D

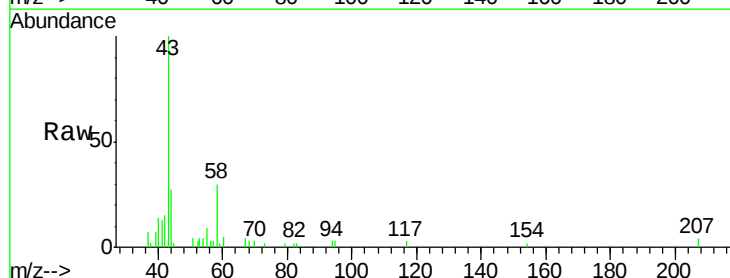
Acq: 15 Apr 2020 18:23

Tgt Ion: 43 Resp: 10660

Ion Ratio Lower Upper

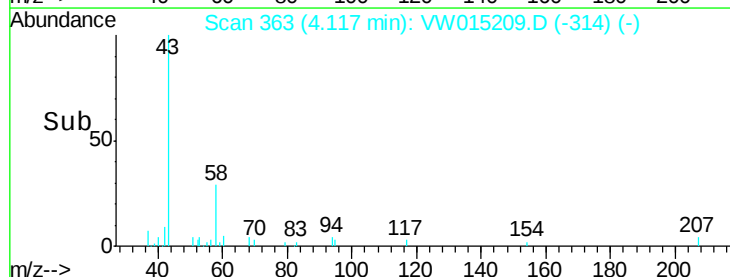
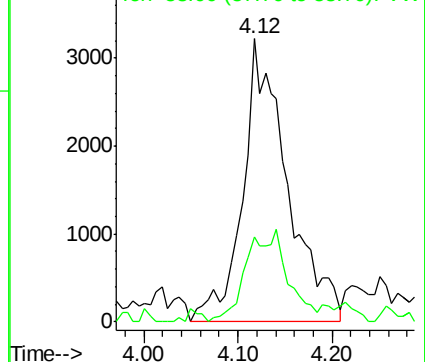
43 100

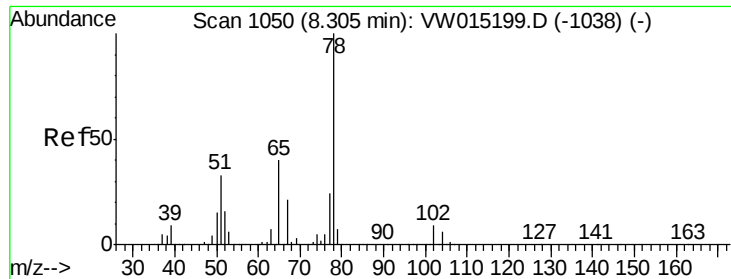
58 25.1 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 58.454 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015209.D

Acq: 15 Apr 2020 18:23

Instrument :

MSVOA_W

ClientSampleId :

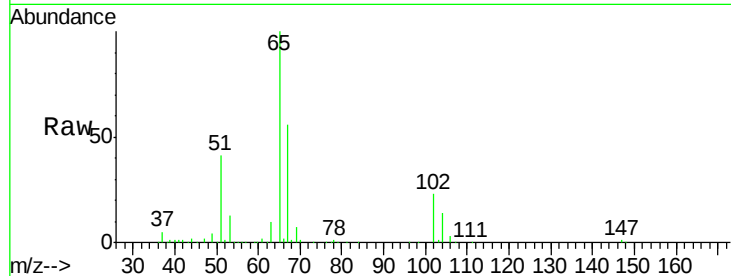
B-2

Tot Ion: 65 Resp: 76475

Ion Ratio Lower Upper

65 100

67 53.1 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

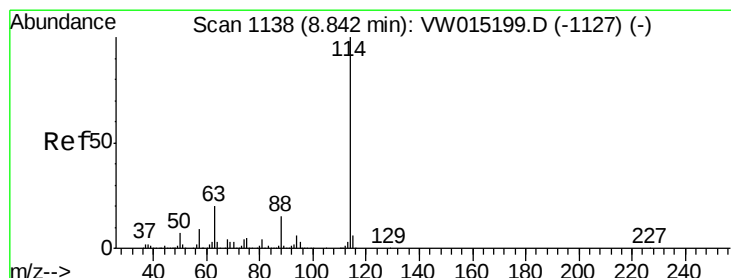
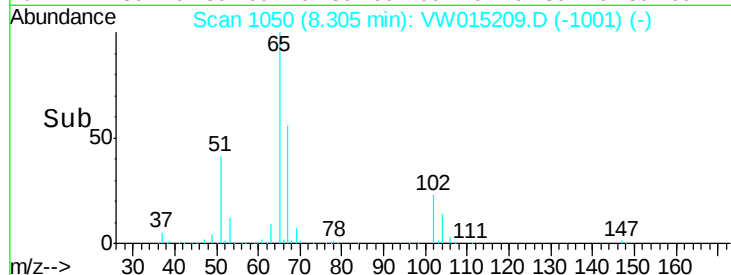
0

8.20

8.30

8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015209.D

Acq: 15 Apr 2020 18:23

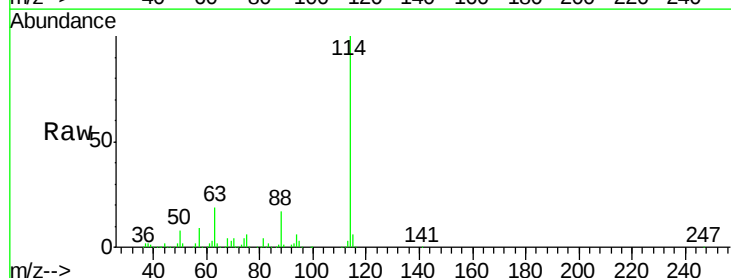
Tgt Ion: 114 Resp: 224778

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

88 16.6 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

150000

100000

50000

0

8.75

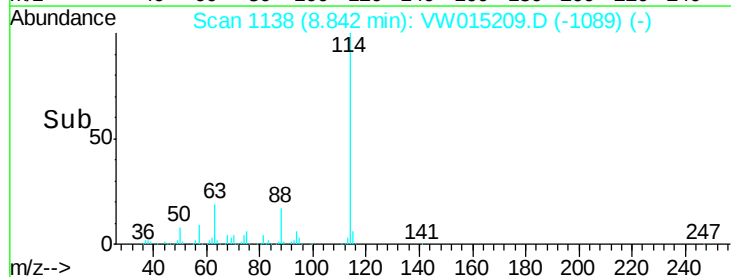
8.80

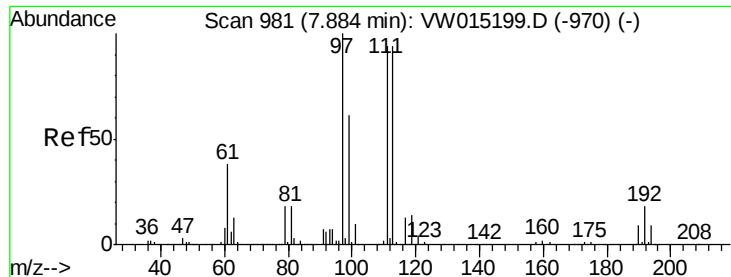
8.85

8.90

8.95

Time-->





#35

Dibromofluoromethane

Concen: 62.179 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW015209.D

Acq: 15 Apr 2020 18:23

Instrument :

MSVOA_W

ClientSampled :

B-2

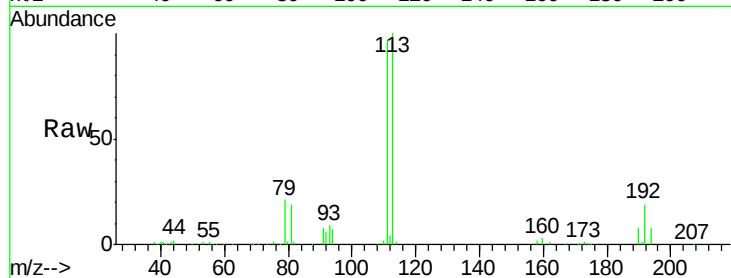
Tot Ion:113 Resp: 77291

Ion Ratio Lower Upper

113 100

111 100.6 83.0 124.4

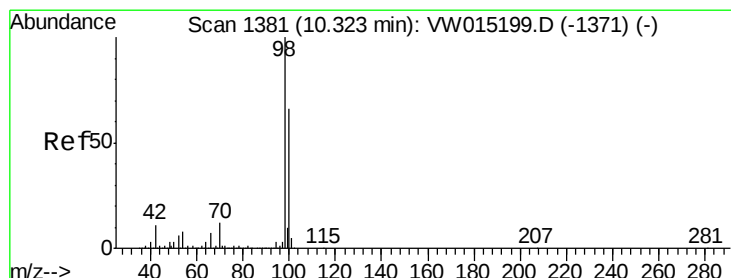
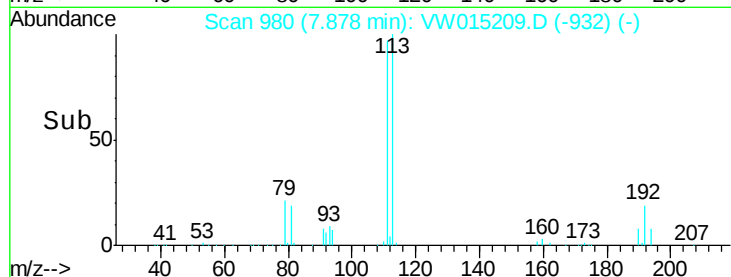
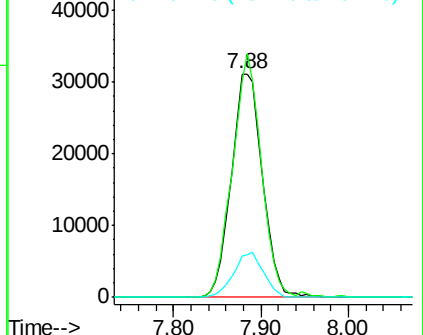
192 19.4 15.1 22.7



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



#50

Toluene-d8

Concen: 59.190 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015209.D

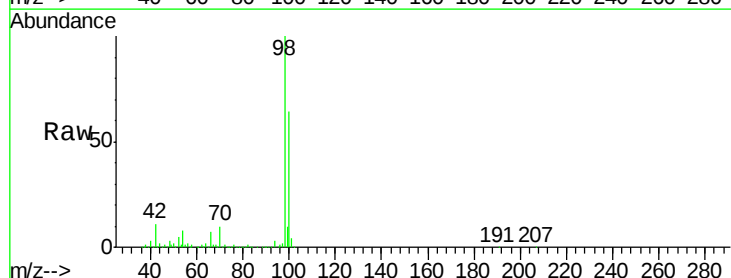
Acq: 15 Apr 2020 18:23

Tgt Ion: 98 Resp: 298880

Ion Ratio Lower Upper

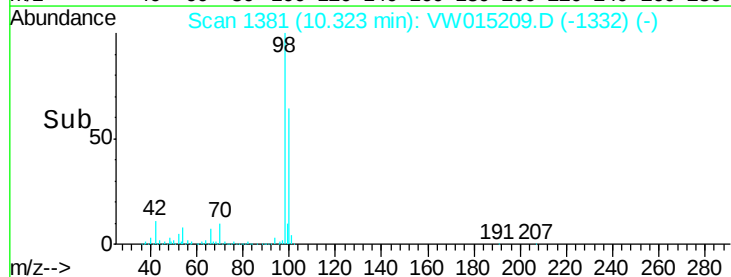
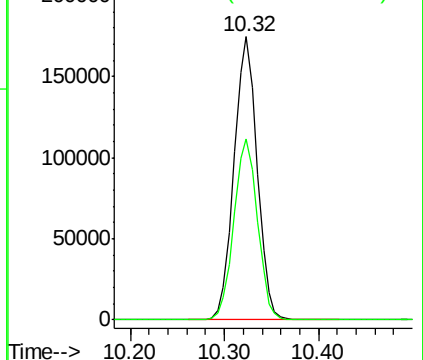
98 100

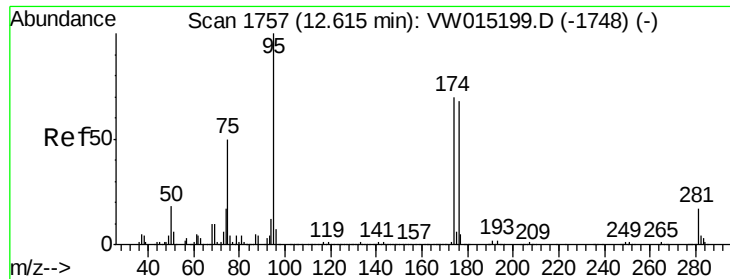
100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

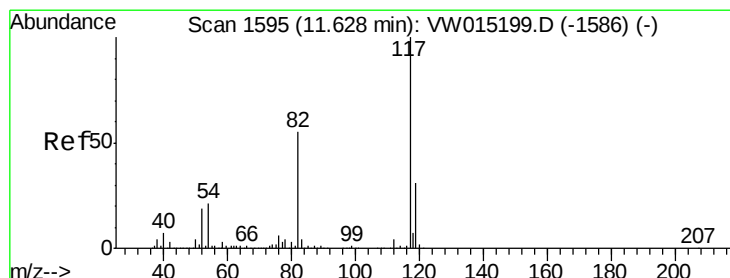
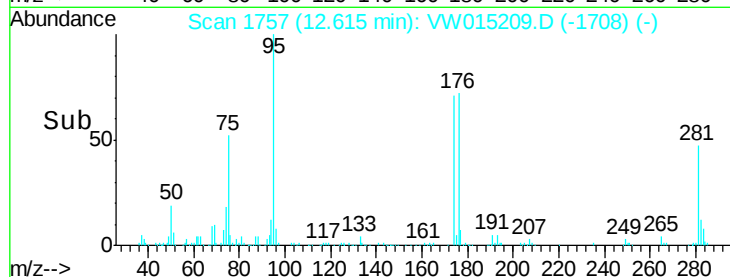
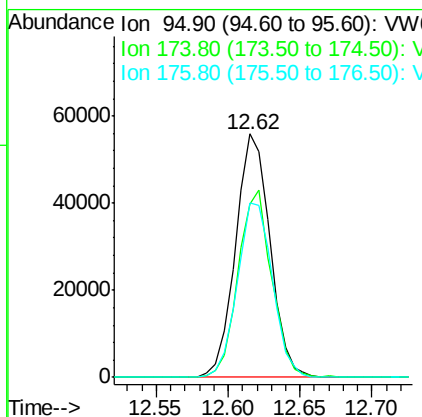
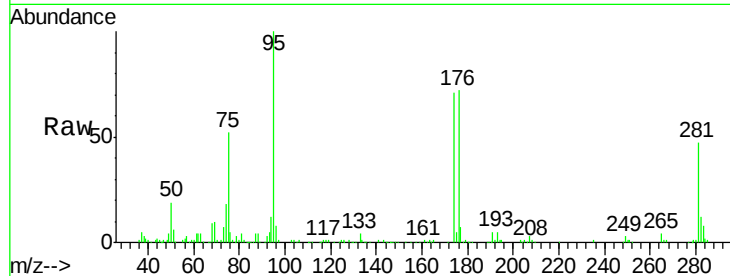




#62
4-Bromofluorobenzene
Concen: 52.686 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015209.D
Acq: 15 Apr 2020 18:23

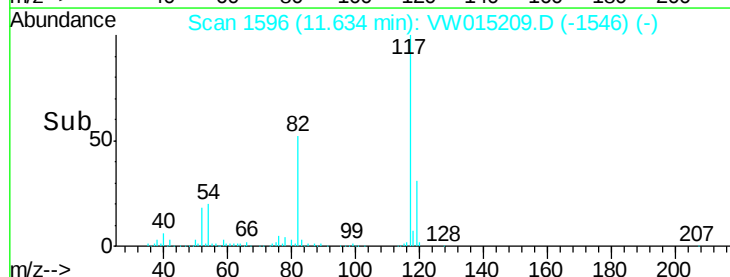
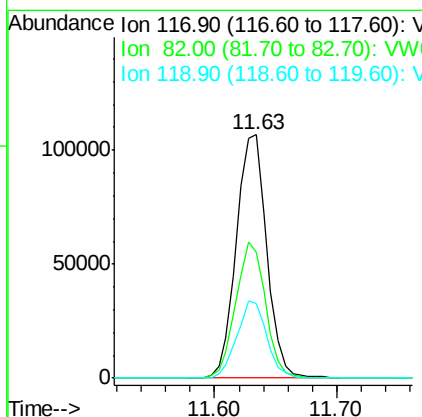
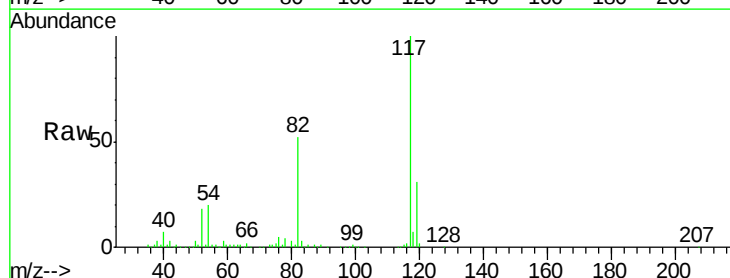
Instrument :
MSVOA_W
ClientSampled :
B-2

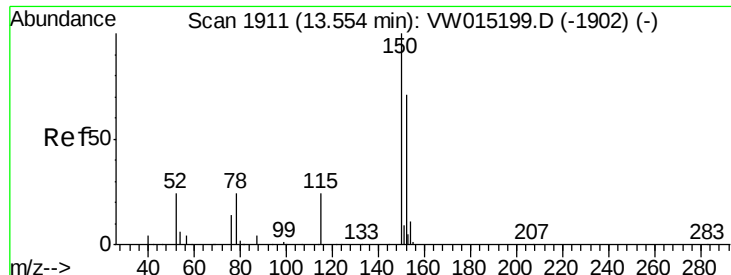
Tot Ion: 95 Resp: 93180
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.4
176 72.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW015209.D
Acq: 15 Apr 2020 18:23

Tgt Ion: 117 Resp: 183933
Ion Ratio Lower Upper
117 100
82 51.8 44.1 66.1
119 30.7 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW015209.D

Acq: 15 Apr 2020 18:23

Instrument :

MSVOA_W

ClientSampleId :

B-2

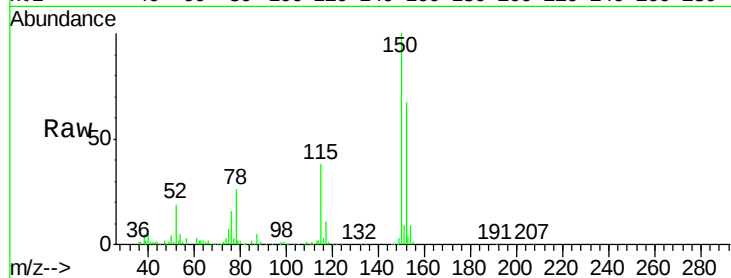
Tot Ion:152 Resp: 66871

Ion Ratio Lower Upper

152 100

115 62.0 31.3 93.9

150 162.5 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

