

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015662.D
 Acq On : 23 Jun 2020 15:27
 Operator : SY/VA
 Sample : L3020-09
 Misc : 7.15G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FD-02_061620

Quant Time: Jun 24 03:49:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

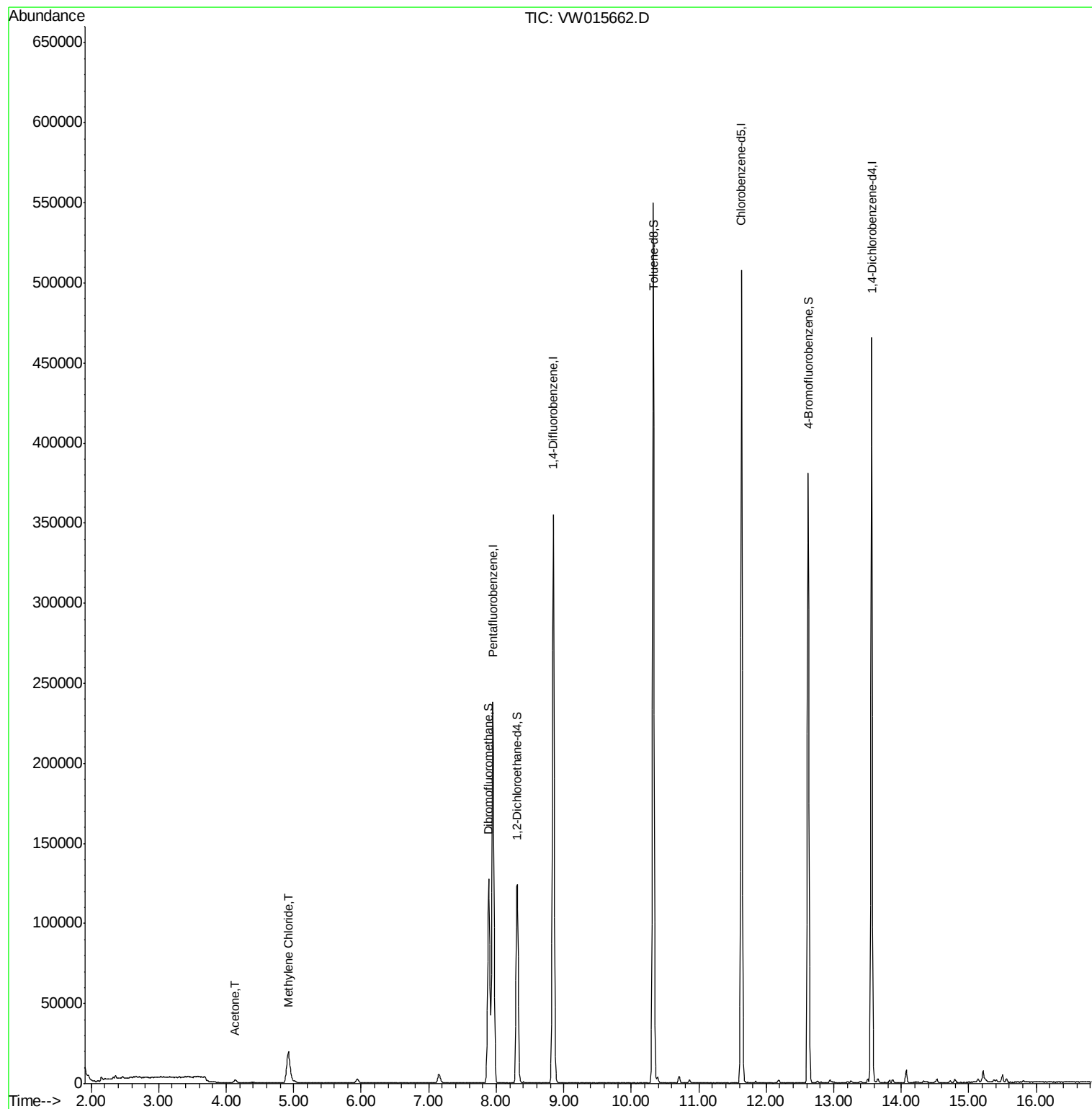
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	169709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	290892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	102793	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
35) Dibromofluoromethane	7.89	113	91407	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.32	98	359528	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	120899	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
16) Acetone	4.13	43	3097	8.628	ug/l #	78
20) Methylene Chloride	4.92	84	16893	5.615	ug/l	98

(#) = 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: VW015662.D

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MSVOA_W

ClientSampleId :

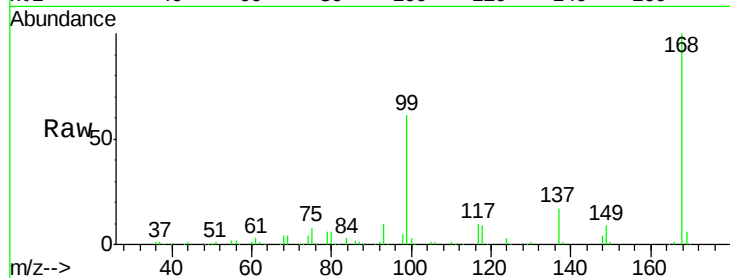
FD-02_061620

Tot Ion:168 Resp: 169709

Ion Ratio Lower Upper

168 100

99 60.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

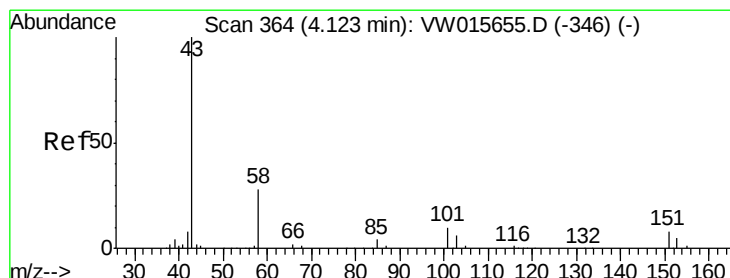
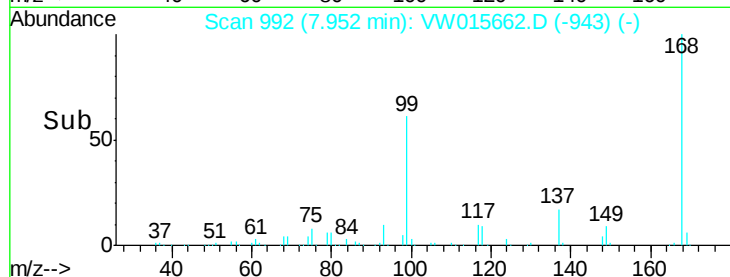
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 8.628 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015662.D

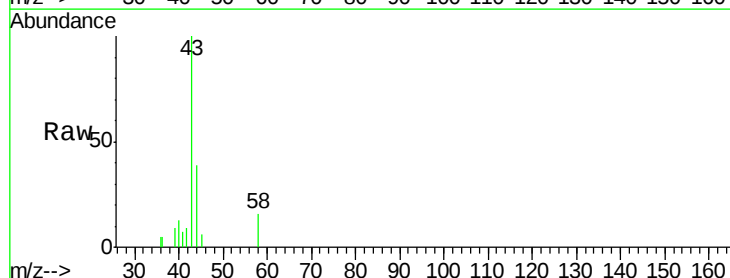
Acq: 23 Jun 2020 15:27

Tgt Ion: 43 Resp: 3097

Ion Ratio Lower Upper

43 100

58 16.5 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1200

1000

800

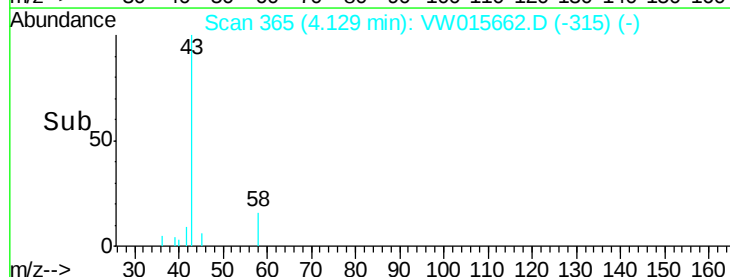
600

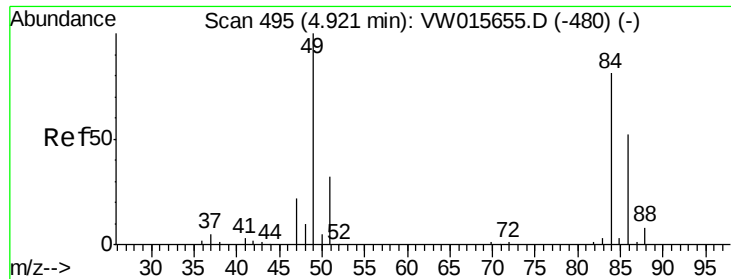
400

200

0

Time--> 4.05 4.10 4.15 4.20

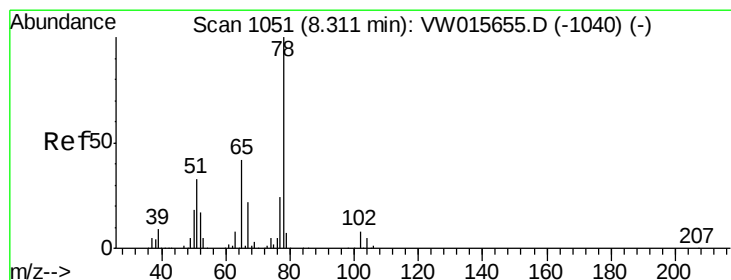
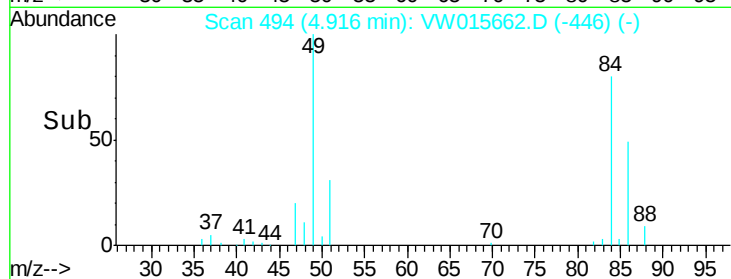
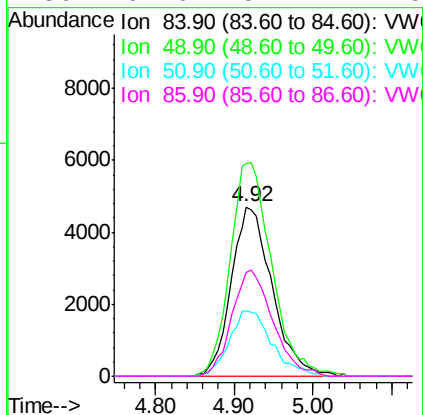
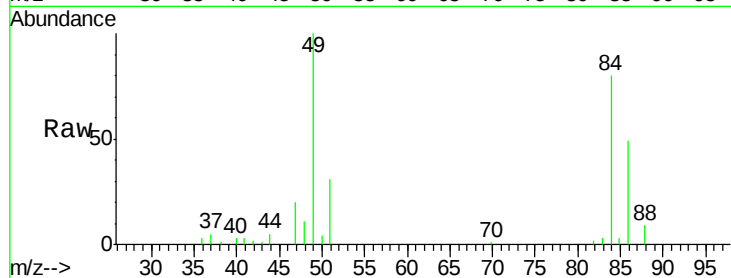




#20
Methylene Chloride
Concen: 5.615 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015662.D
Acq: 23 Jun 2020 15:27

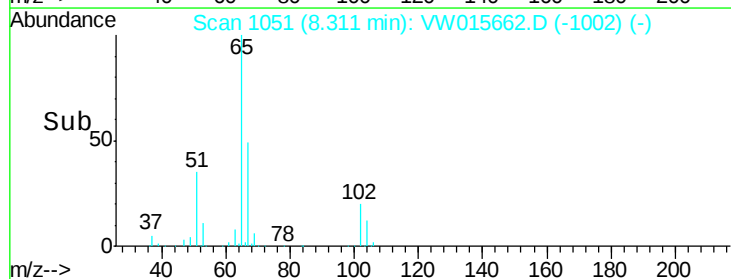
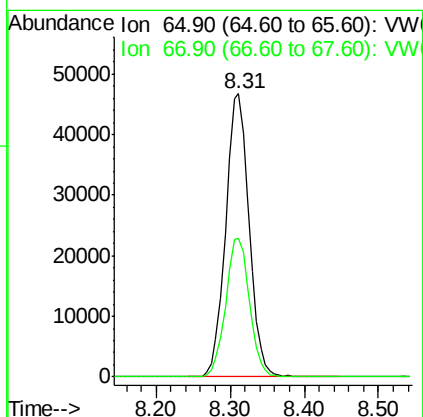
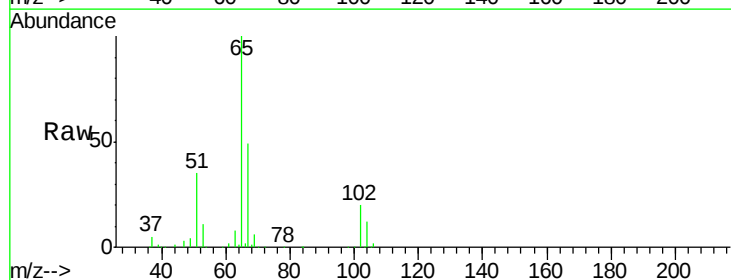
Instrument :
MSVOA_W
ClientSampleId :
FD-02_061620

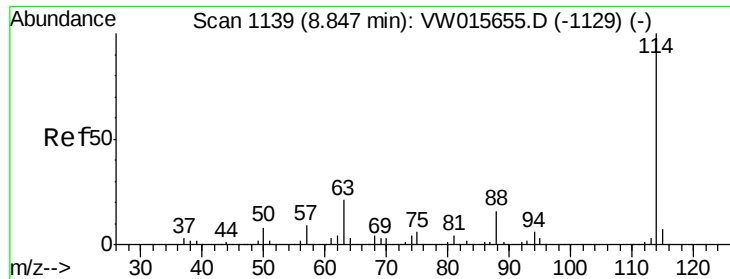
Tot Ion: 84 Resp: 16893
Ion Ratio Lower Upper
84 100
49 125.3 99.3 148.9
51 38.6 31.8 47.6
86 61.6 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 54.438 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW015662.D
Acq: 23 Jun 2020 15:27

Tgt Ion: 65 Resp: 102793
Ion Ratio Lower Upper
65 100
67 49.6 0.0 102.2

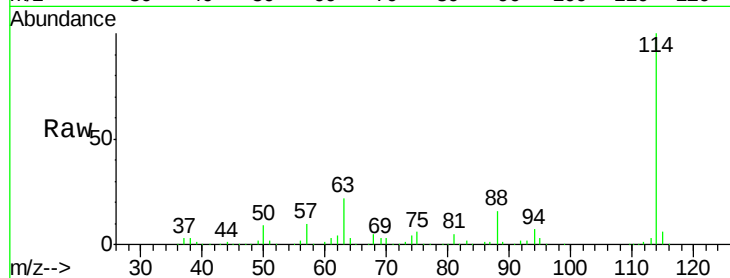




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW015662.D
Acq: 23 Jun 2020 15:27

Instrument :
MSVOA_W
ClientSampleId :
FD-02_061620

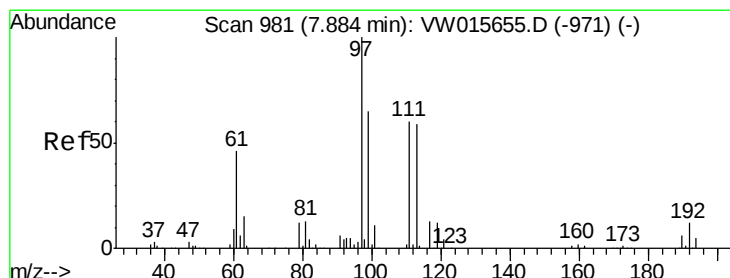
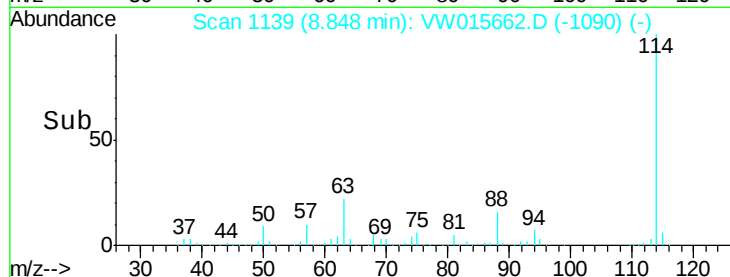
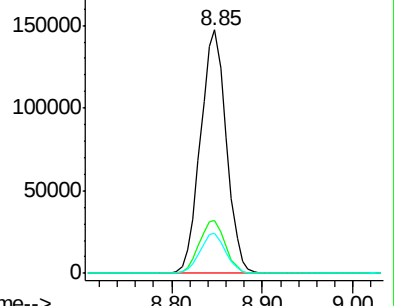
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.4
88	16.3	0.0	32.6



Abundance Ion 113.90 (113.60 to 114.60): V

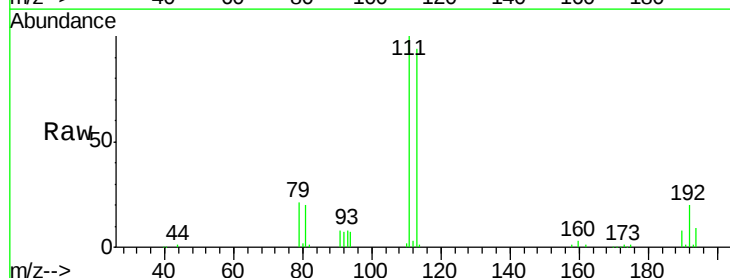
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 49.955 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015662.D
Acq: 23 Jun 2020 15:27

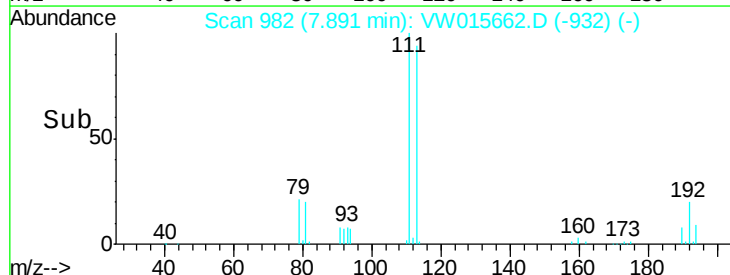
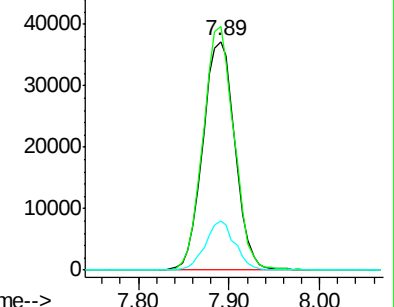
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	19.7	16.4	24.6

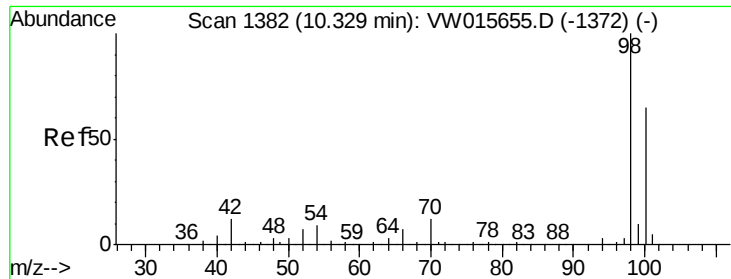


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.928 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015662.D

Acq: 23 Jun 2020 15:27

Instrument :

MSVOA_W

ClientSampleId :

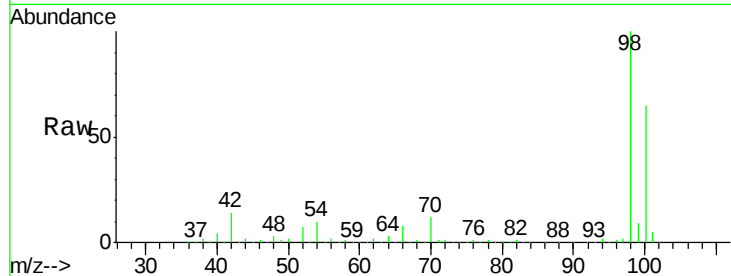
FD-02_061620

Tot Ion: 98 Resp: 359528

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

200000

150000

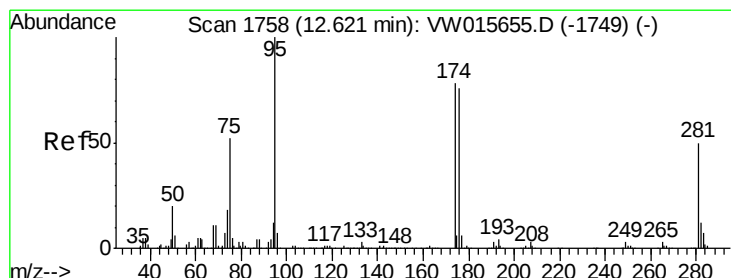
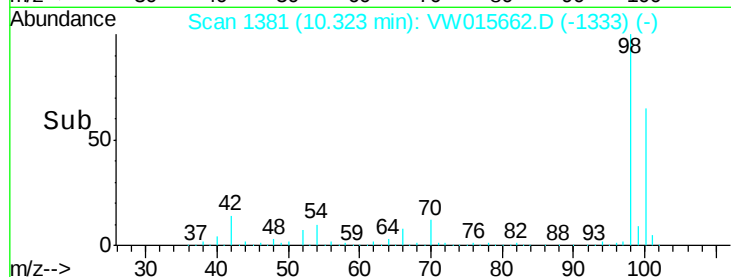
100000

50000

0

10.20 10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 45.589 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015662.D

Acq: 23 Jun 2020 15:27

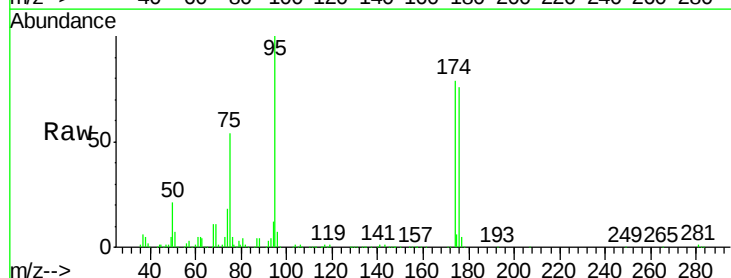
Tgt Ion: 95 Resp: 120899

Ion Ratio Lower Upper

95 100

174 77.1 0.0 157.0

176 74.0 0.0 151.4



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

100000

80000

60000

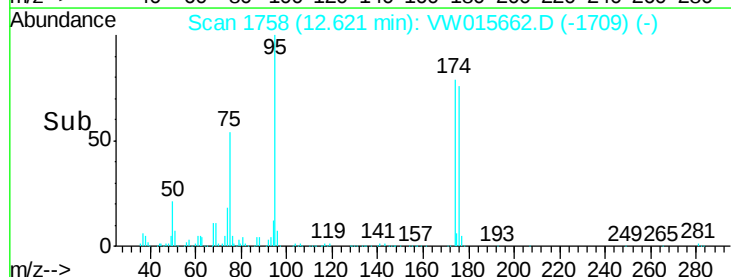
40000

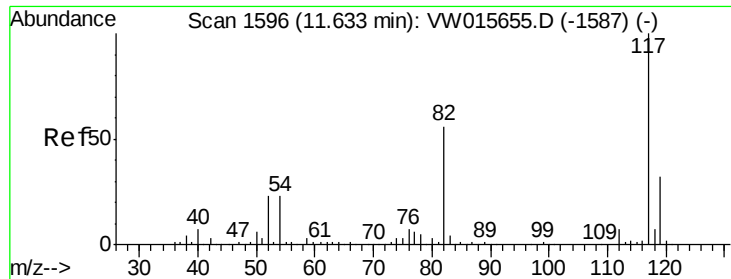
20000

0

12.50 12.60 12.70

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015662.D

Acq: 23 Jun 2020 15:27

Instrument :

MSVOA_W

ClientSampleId :

FD-02_061620

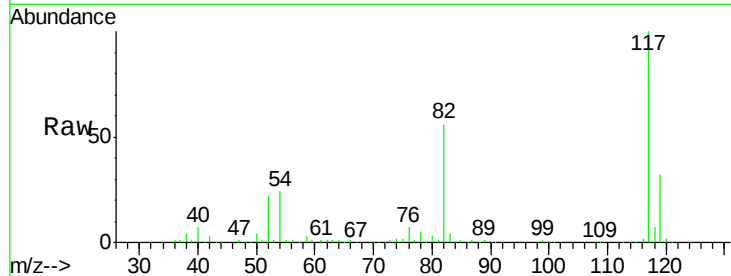
Tot Ion:117 Resp: 265090

Ion Ratio Lower Upper

117 100

82 56.5 45.1 67.7

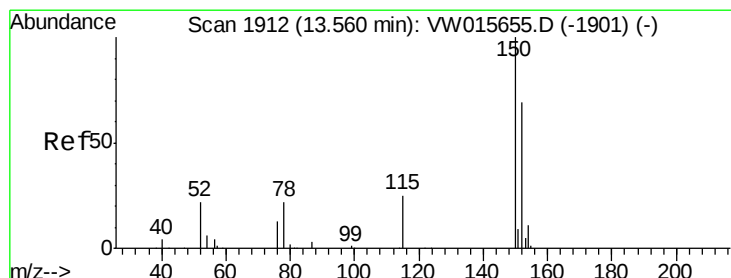
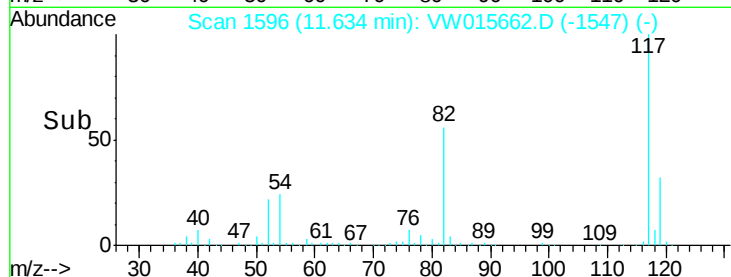
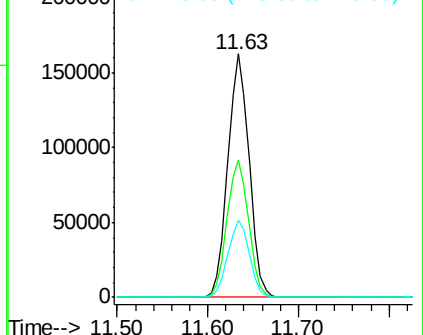
119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015662.D

Acq: 23 Jun 2020 15:27

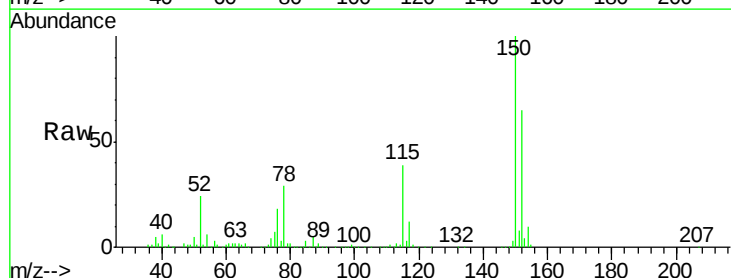
Tgt Ion:152 Resp: 115079

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.5

150 157.6 0.0 345.6



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

