

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015312.D
 Acq On : 22 Apr 2020 16:55
 Operator : SY/VA
 Sample : L2360-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GREENWALL

Quant Time: Apr 23 07:27:42 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

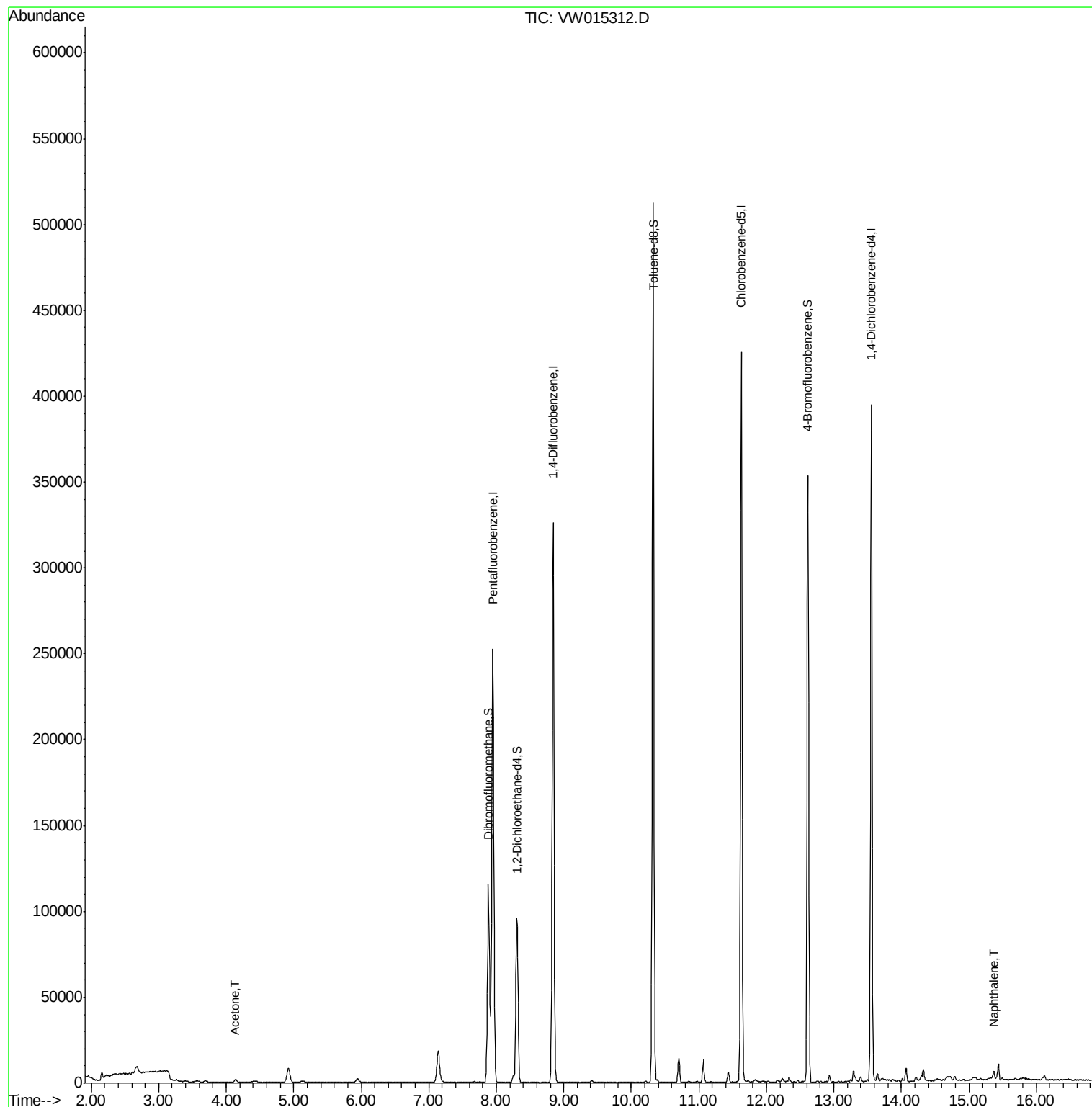
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	289088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	110435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	75783	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
35) Dibromofluoromethane	7.88	113	81392	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.32	98	343896	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.62	95	109655	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
Target Compounds						
16) Acetone	4.14	43	3161	10.651	ug/l	95
95) Naphthalene	15.37	128	4957	1.460	ug/l	98

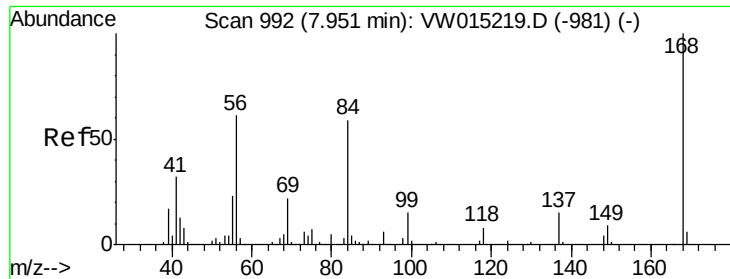
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015312.D

Acq: 22 Apr 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

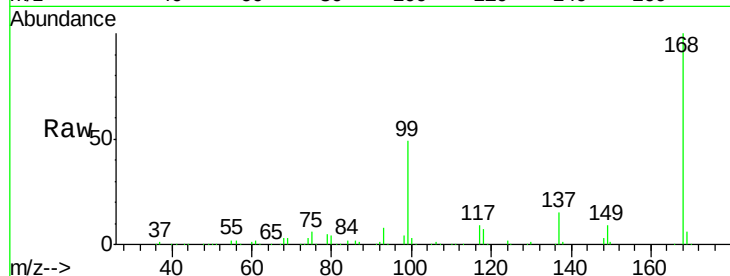
GREENWALL

Tot Ion:168 Resp: 207792

Ion Ratio Lower Upper

168 100

99 48.7 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

100000

80000

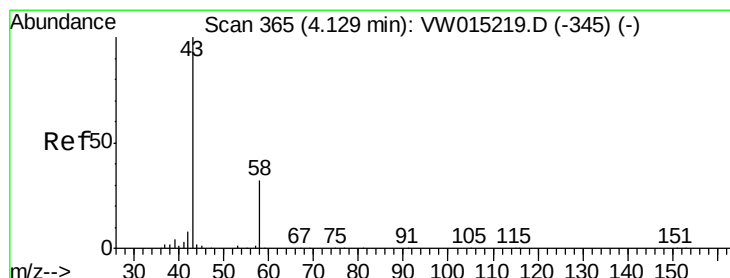
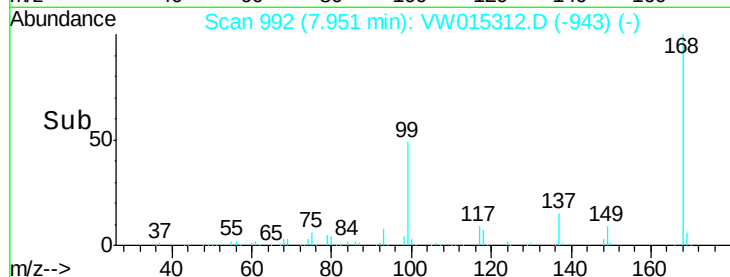
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 10.651 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015312.D

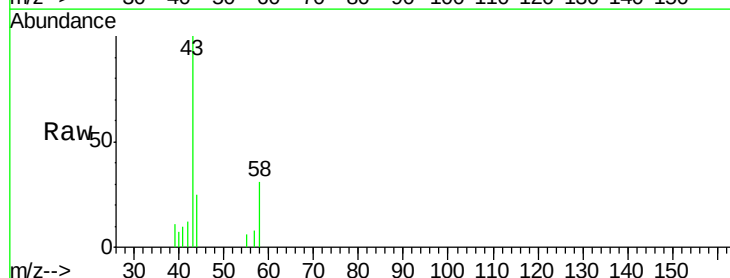
Acq: 22 Apr 2020 16:55

Tgt Ion: 43 Resp: 3161

Ion Ratio Lower Upper

43 100

58 30.9 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1200

1000

800

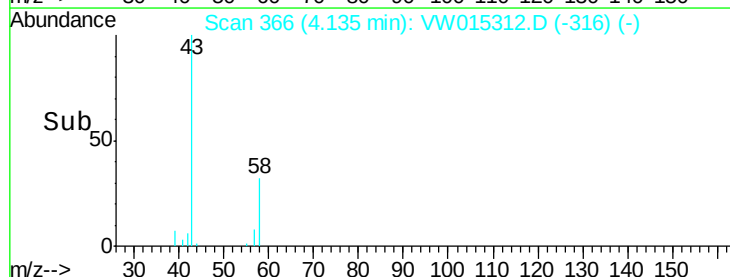
600

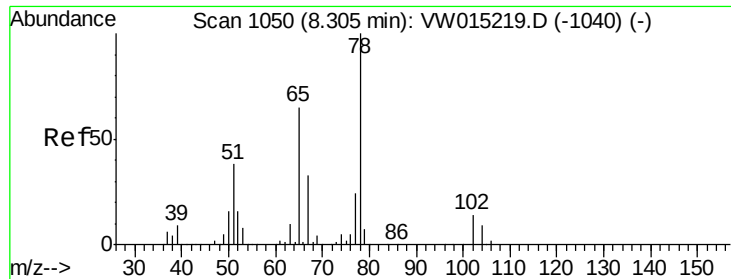
400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25

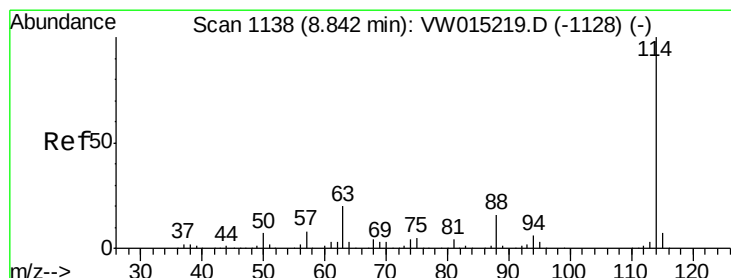
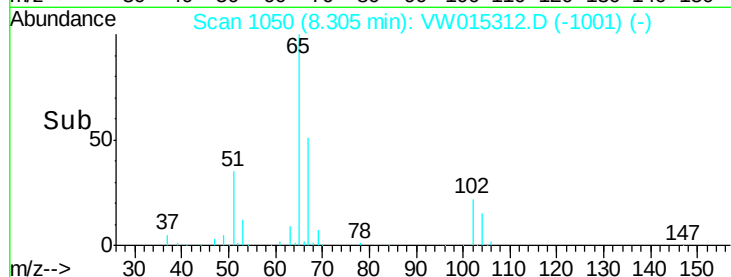
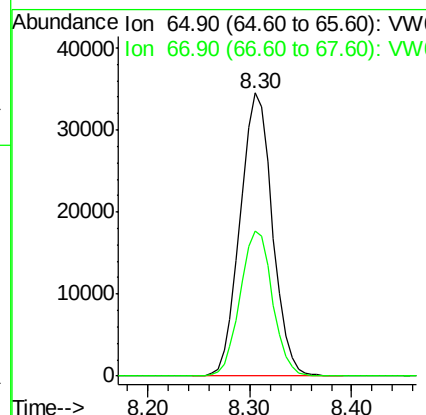
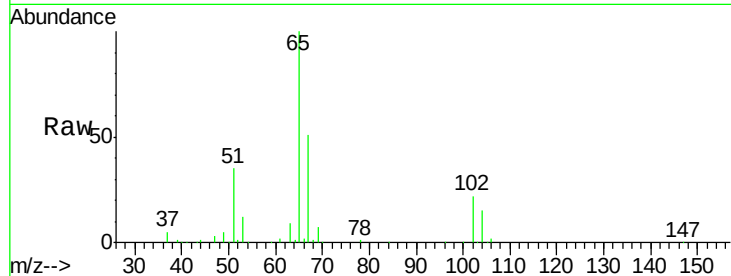




#33
 1,2-Dichloroethane-d4
 Concen: 44.599 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015312.D
 Acq: 22 Apr 2020 16:55

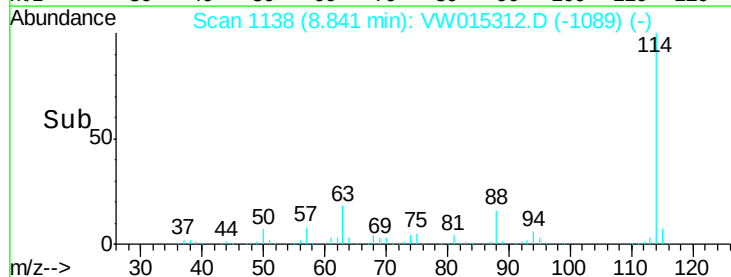
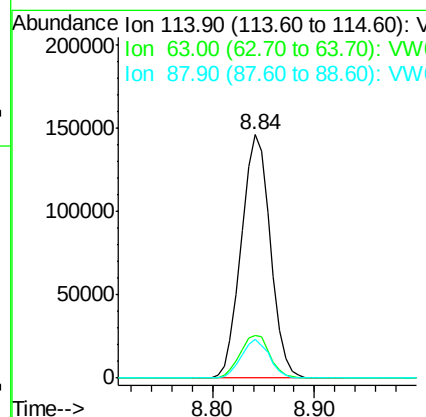
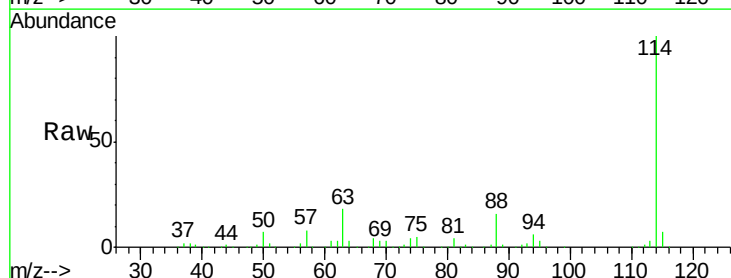
Instrument :
 MSVOA_W
 ClientSampleId :
 GREENWALL

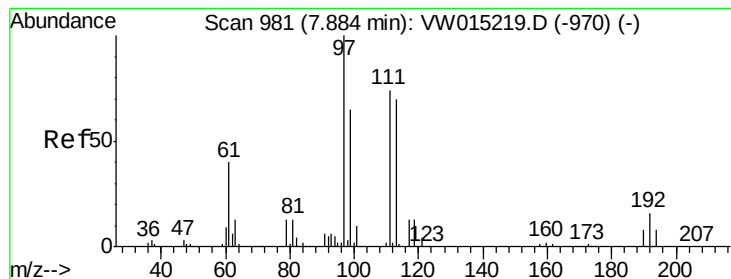
Tot Ion: 65 Resp: 75783
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015312.D
 Acq: 22 Apr 2020 16:55

Tgt Ion: 114 Resp: 289088
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 39.8
 88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.828 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015312.D

Acq: 22 Apr 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

GREENWALL

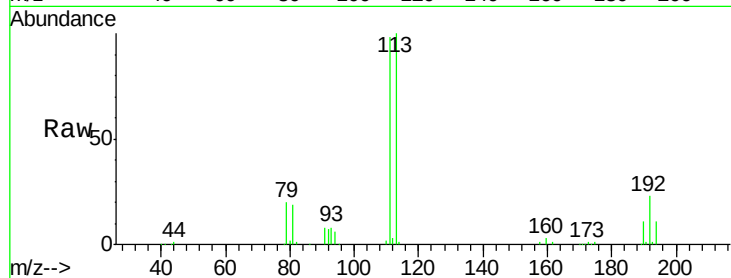
Tot Ion:113 Resp: 81392

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.4

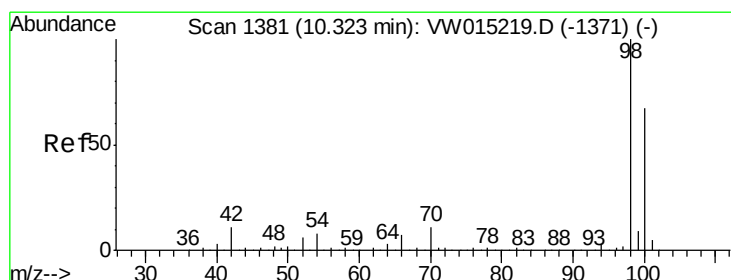
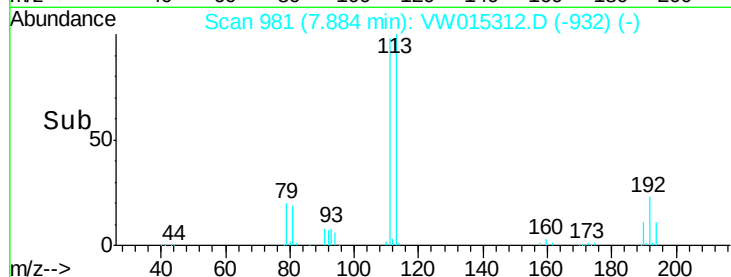
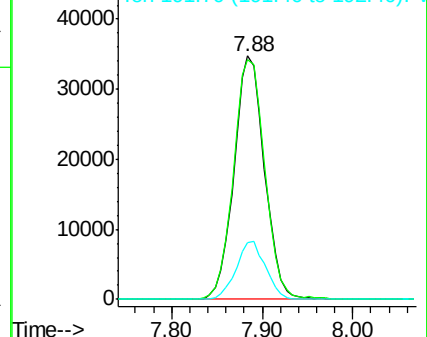
192 23.2 15.1 22.7#



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: 51.052 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015312.D

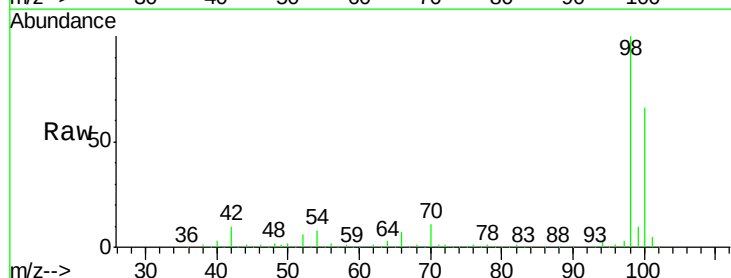
Acq: 22 Apr 2020 16:55

Tgt Ion: 98 Resp: 343896

Ion Ratio Lower Upper

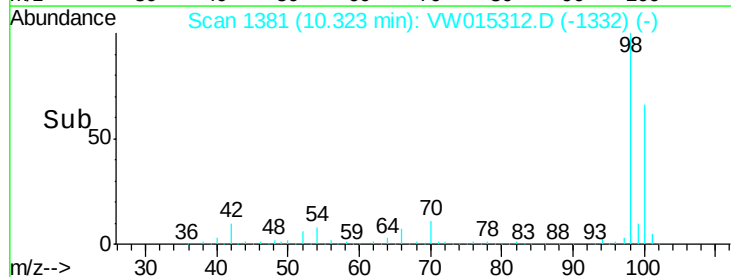
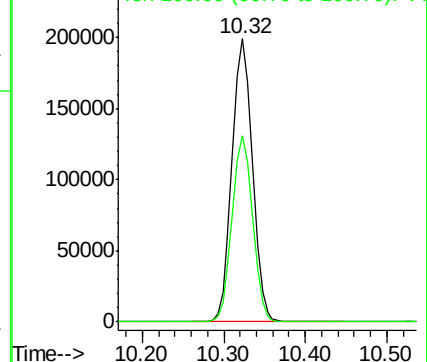
98 100

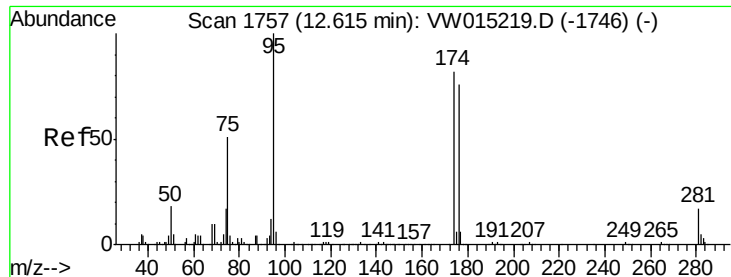
100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.664 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015312.D

Acq: 22 Apr 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

GREENWALL

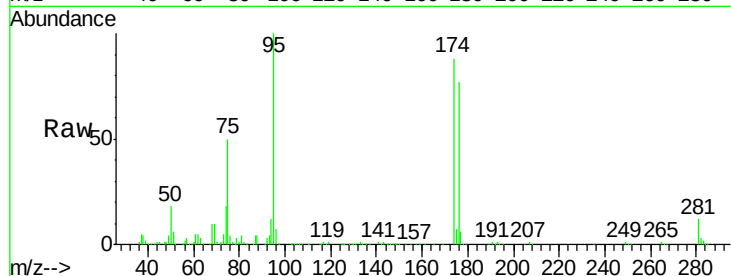
Tot Ion: 95 Resp: 109655

Ion Ratio Lower Upper

95 100

174 90.7 0.0 144.4

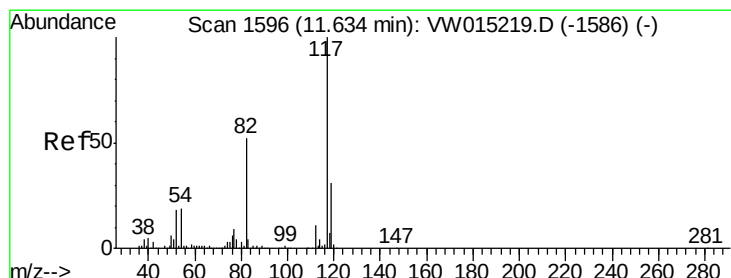
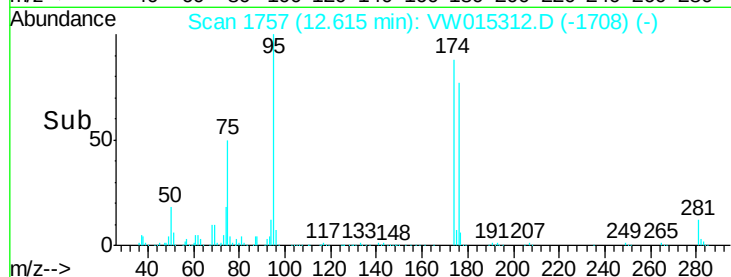
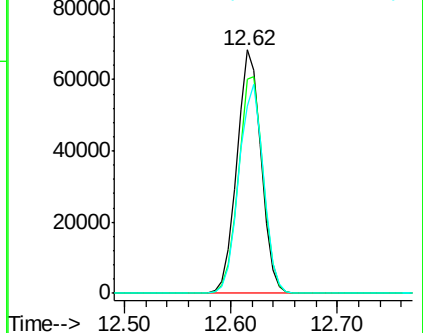
176 87.4 0.0 140.6



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: VW015312.D

Acq: 22 Apr 2020 16:55

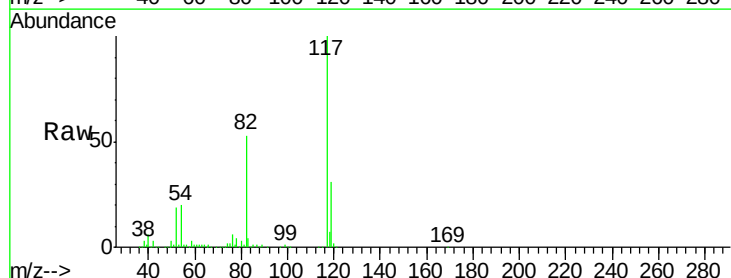
Tgt Ion: 117 Resp: 250467

Ion Ratio Lower Upper

117 100

82 52.7 44.1 66.1

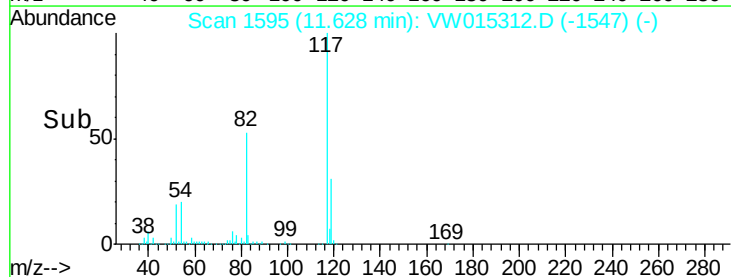
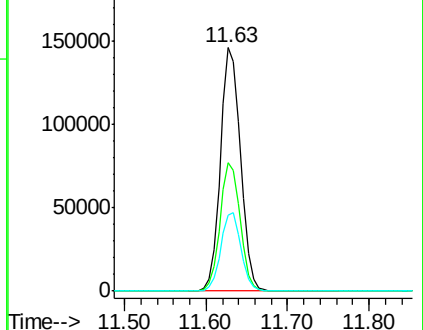
119 31.1 24.9 37.3

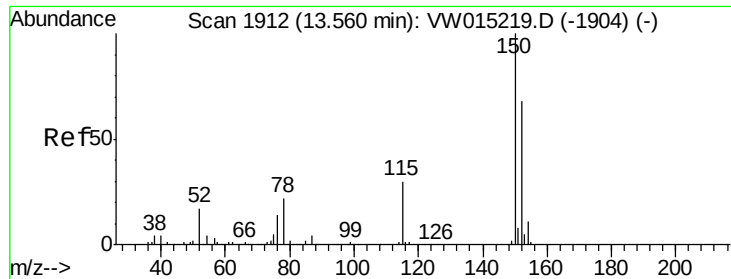


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

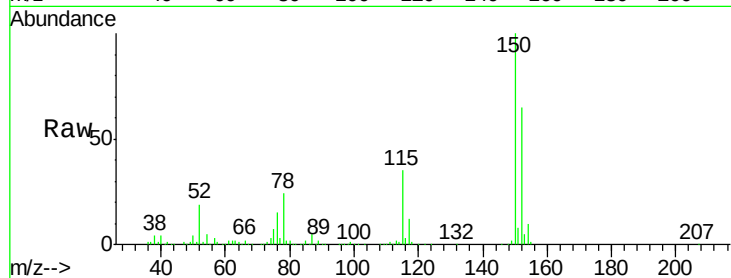




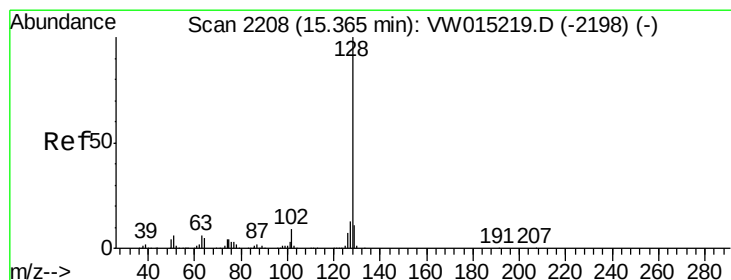
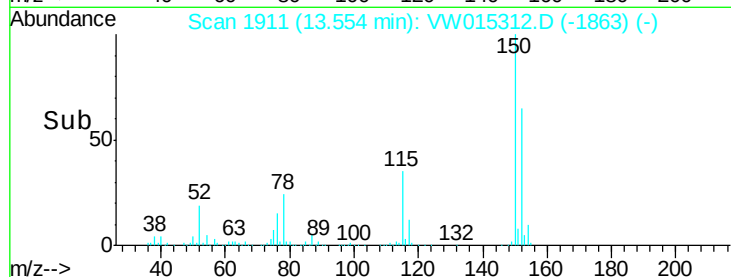
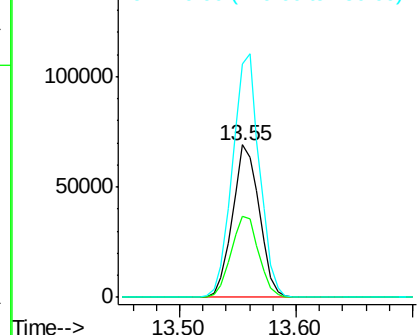
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: VW015312.D
 Acq: 22 Apr 2020 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 GREENWALL

Tot Ion:152 Resp: 110435
 Ion Ratio Lower Upper
 152 100
 115 54.9 31.3 93.9
 150 160.0 0.0 343.4

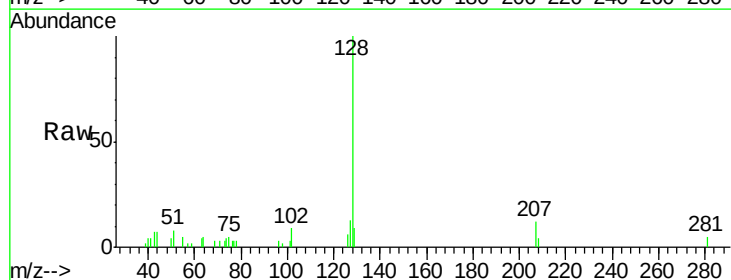


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 1.460 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VW015312.D
 Acq: 22 Apr 2020 16:55

Tgt Ion:128 Resp: 4957
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.3 15.5
 129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

