

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010370.D
 Acq On : 10 May 2019 21:50
 Operator : SY/VA
 Sample : K2718-13
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0612-01

Quant Time: May 11 00:20:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

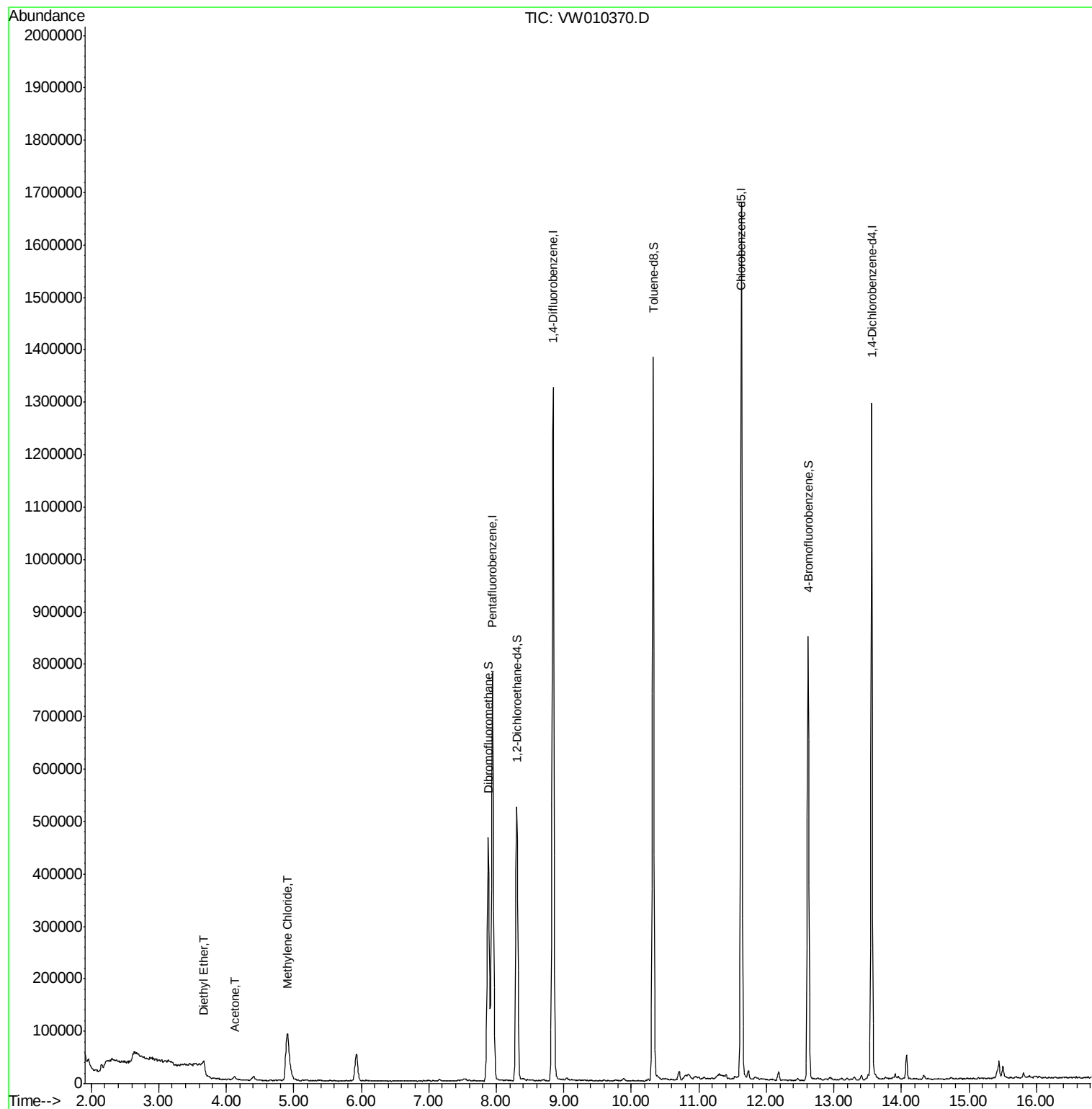
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	547726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1048505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	902867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	315739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	414490	71.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.36%	
35) Dibromofluoromethane	7.88	113	337658	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
50) Toluene-d8	10.32	98	889733	35.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.22%	
62) 4-Bromofluorobenzene	12.62	95	262680	29.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.74%	
Target Compounds						
8) Diethyl Ether	3.67	74	10093	3.291	ug/l	90
16) Acetone	4.12	43	9066	5.972	ug/l #	81
20) Methylene Chloride	4.90	84	83181	13.137	ug/l	91

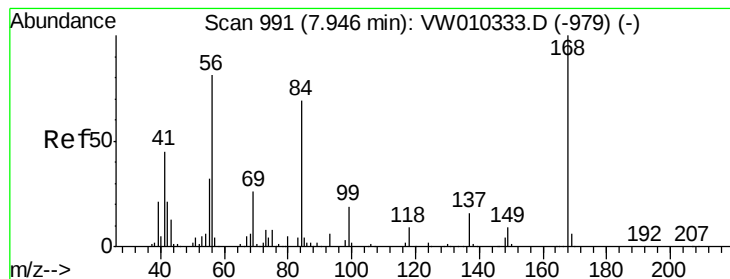
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

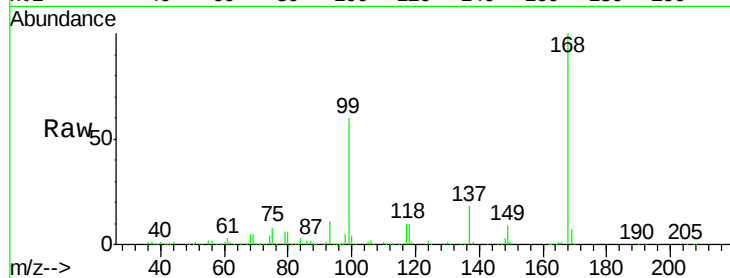
P026-SS006-0612-01

Tot Ion:168 Resp: 547726

Ion Ratio Lower Upper

168 100

99 59.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

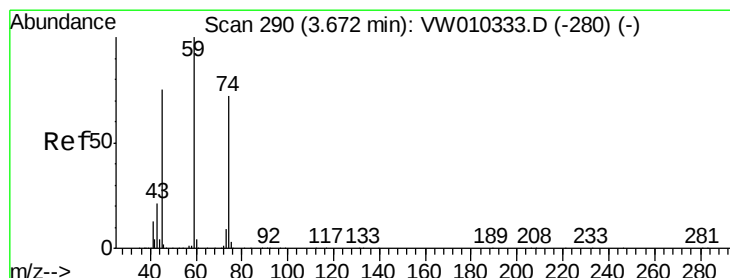
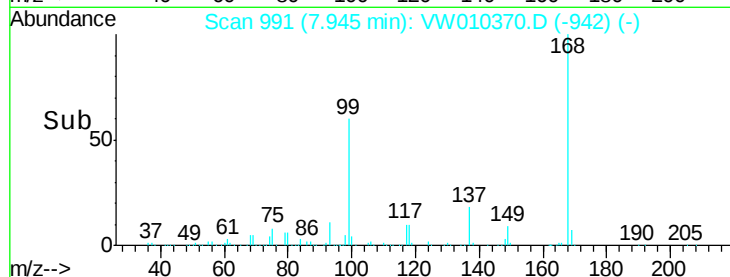
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 3.291 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VW010370.D

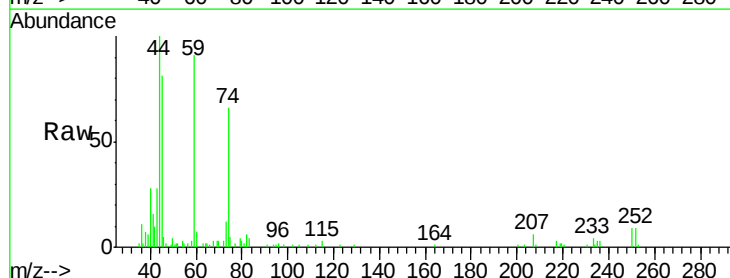
Acq: 10 May 2019 21:50

Tgt Ion: 74 Resp: 10093

Ion Ratio Lower Upper

74 100

45 122.9 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

6000

5000

4000

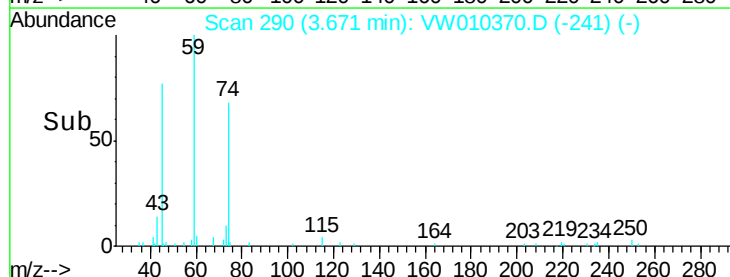
3000

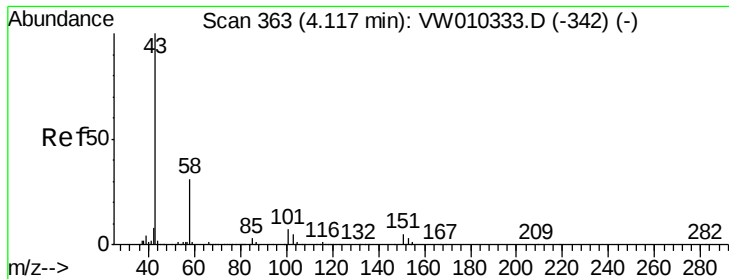
2000

1000

0

Time-->

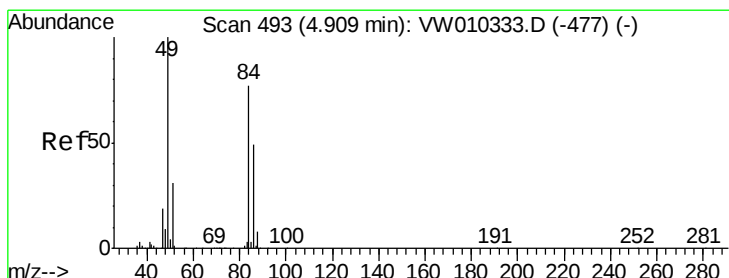
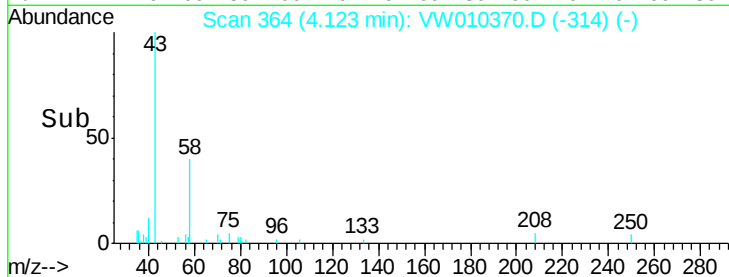
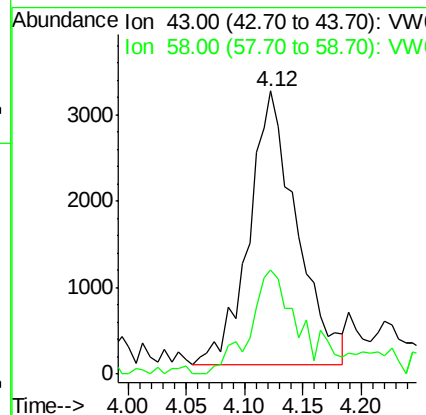
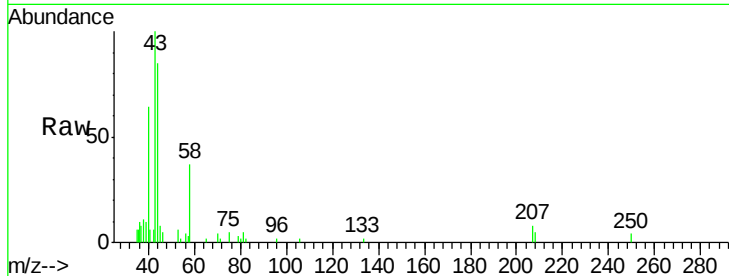




#16
Acetone
Concen: 5.972 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010370.D
Acq: 10 May 2019 21:50

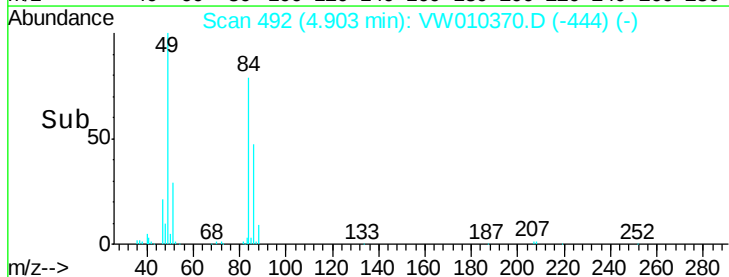
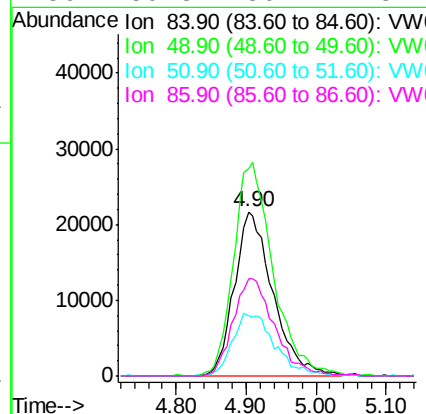
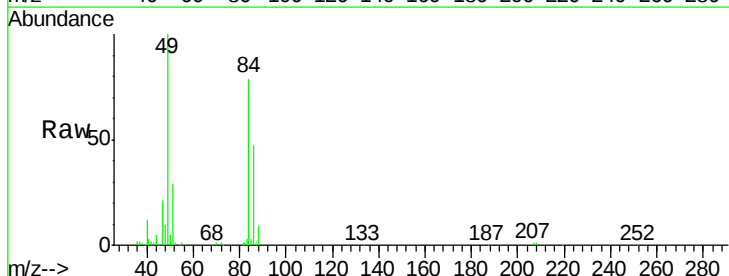
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0612-01

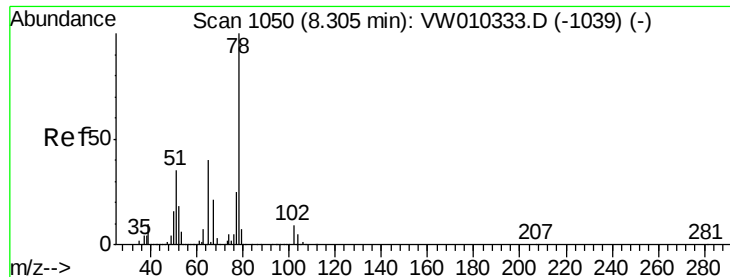
Tot Ion: 43 Resp: 9066
Ion Ratio Lower Upper
43 100
58 38.2 22.7 34.1#



#20
Methylene Chloride
Concen: 13.137 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010370.D
Acq: 10 May 2019 21:50

Tgt Ion: 84 Resp: 83181
Ion Ratio Lower Upper
84 100
49 126.4 112.3 168.5
51 36.3 33.9 50.9
86 59.3 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 71.181 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010370.D

Acq: 10 May 2019 21:50

Instrument :

MSVOA_W

ClientSampleId :

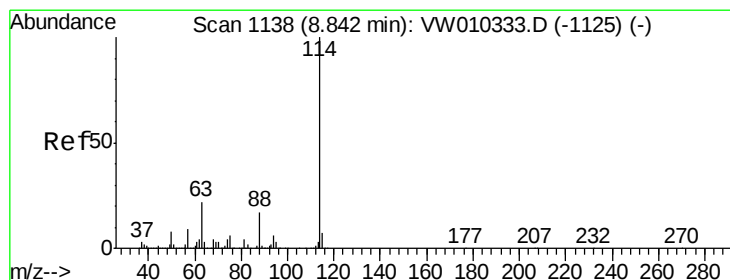
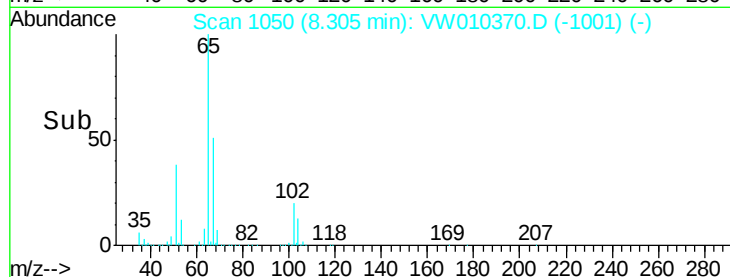
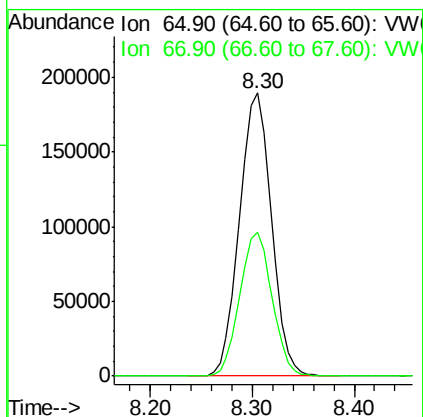
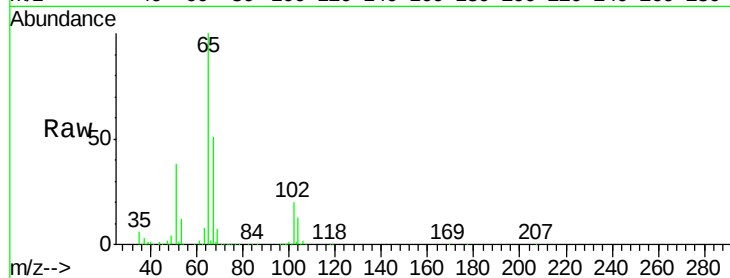
P026-SS006-0612-01

Tot Ion: 65 Resp: 414490

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010370.D

Acq: 10 May 2019 21:50

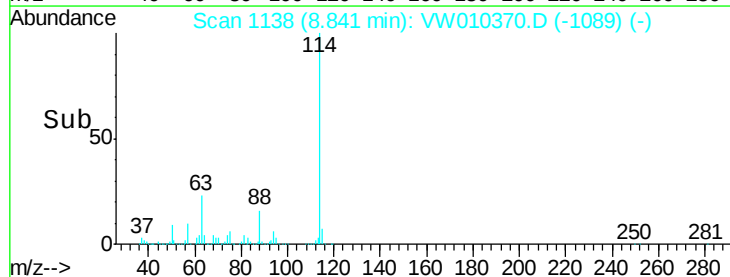
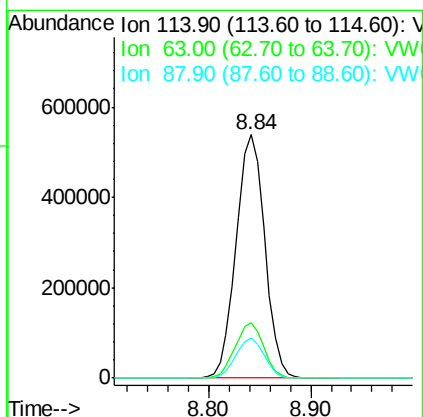
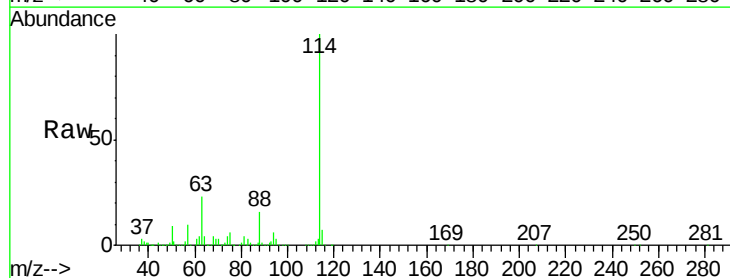
Tgt Ion: 114 Resp: 1048505

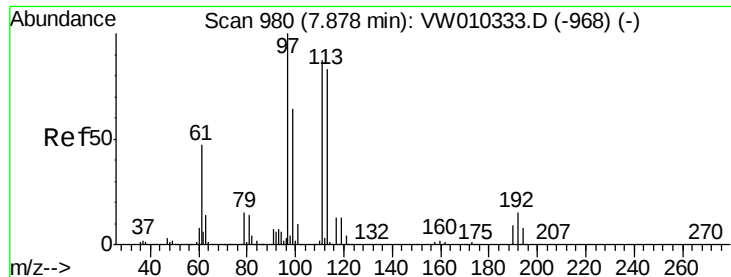
Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.2

88 16.3 0.0 32.6

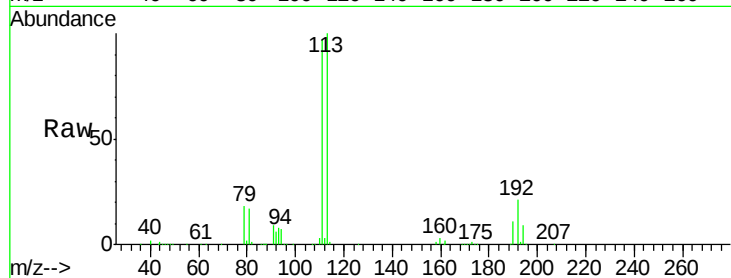




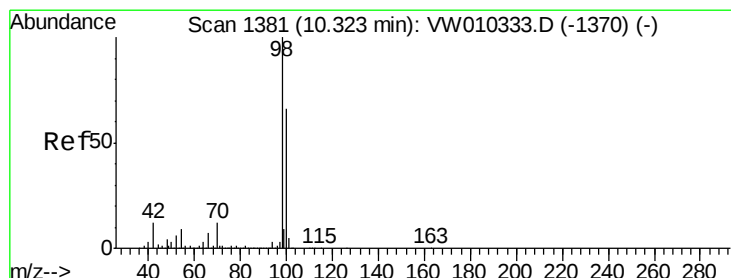
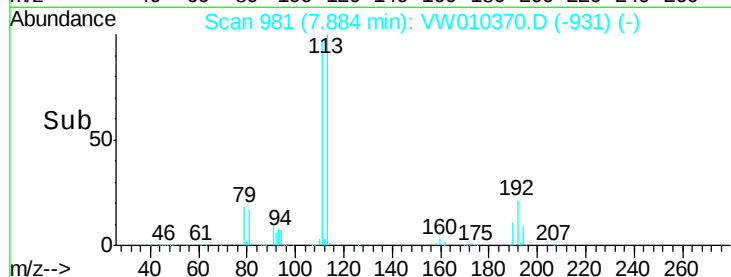
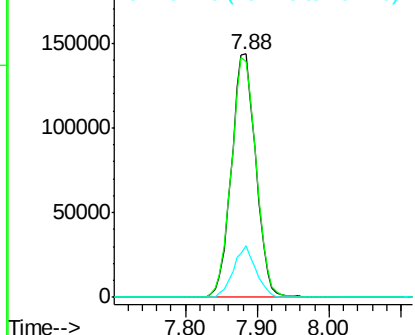
#35
Dibromofluoromethane
Concen: 55.031 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW010370.D
Acq: 10 May 2019 21:50

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0612-01

Tot Ion:113 Resp: 337658
Ion Ratio Lower Upper
113 100
111 100.3 82.6 123.8
192 19.4 15.4 23.2

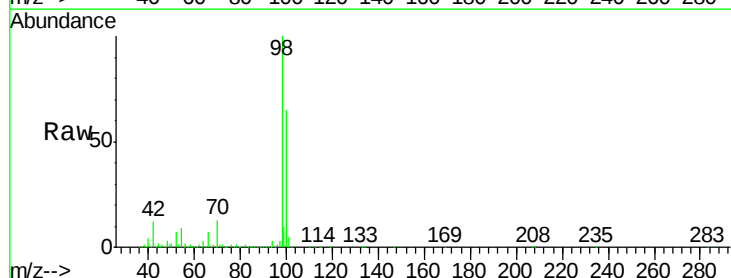


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

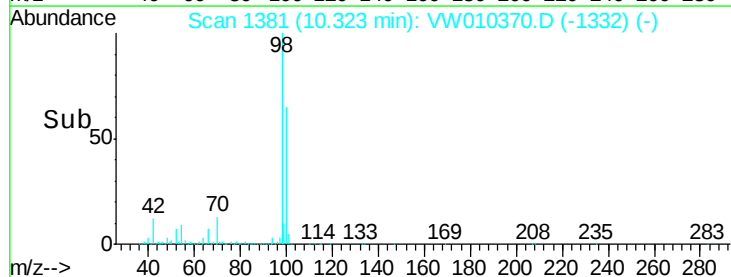
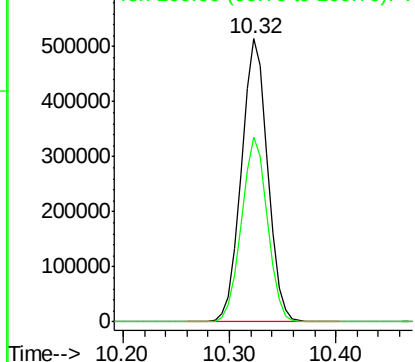


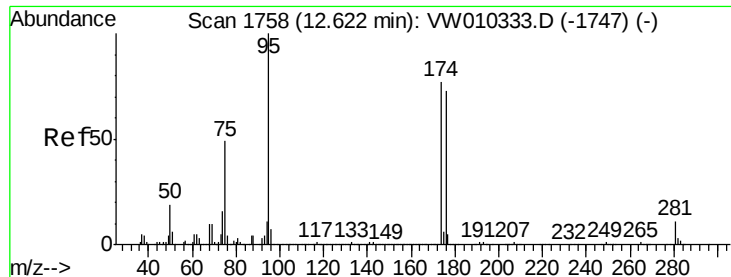
#50
Toluene-d8
Concen: 35.611 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010370.D
Acq: 10 May 2019 21:50

Tgt Ion: 98 Resp: 889733
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



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





#62

4-Bromofluorobenzene

Concen: 29.868 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010370.D

Acq: 10 May 2019 21:50

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0612-01

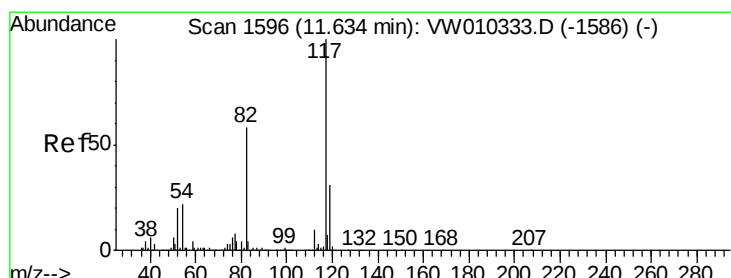
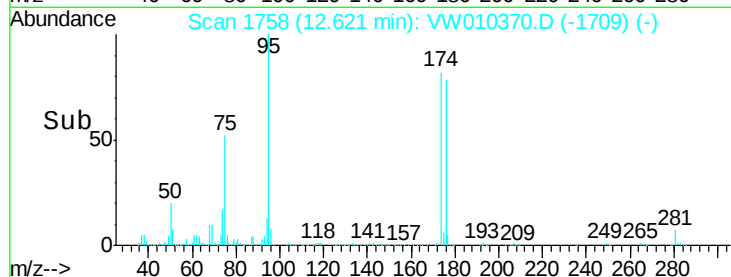
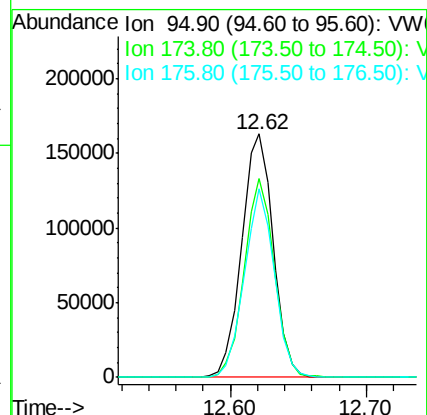
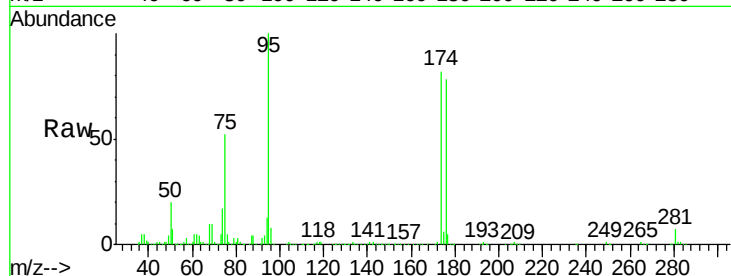
Tot Ion: 95 Resp: 262680

Ion Ratio Lower Upper

95 100

174 78.5 0.0 151.4

176 74.0 0.0 146.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010370.D

Acq: 10 May 2019 21:50

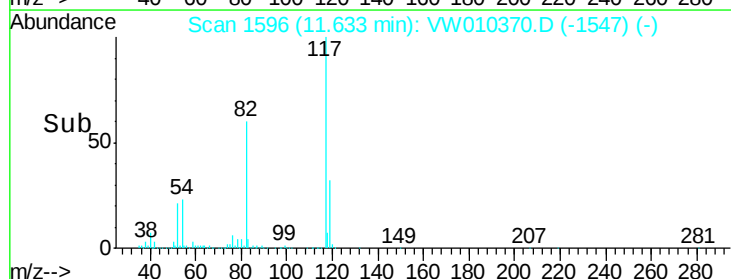
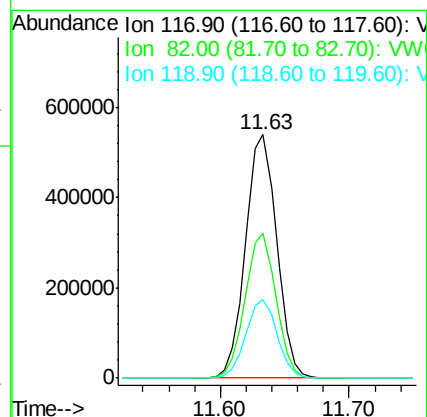
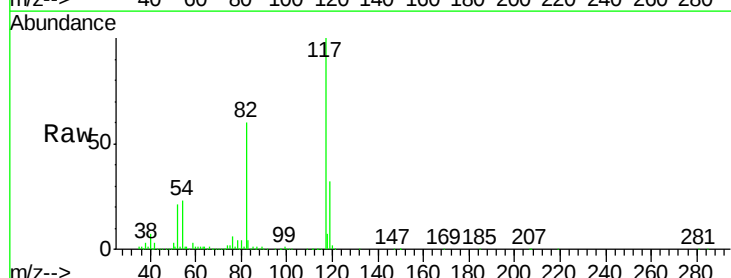
Tgt Ion: 117 Resp: 902867

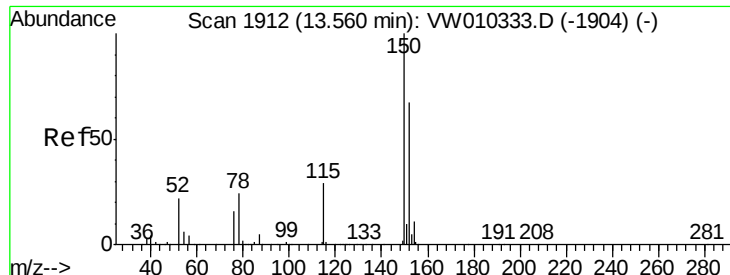
Ion Ratio Lower Upper

117 100

82 59.6 45.2 67.8

119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010370.D

Acq: 10 May 2019 21:50

Instrument :

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ClientSampleId :

P026-SS006-0612-01

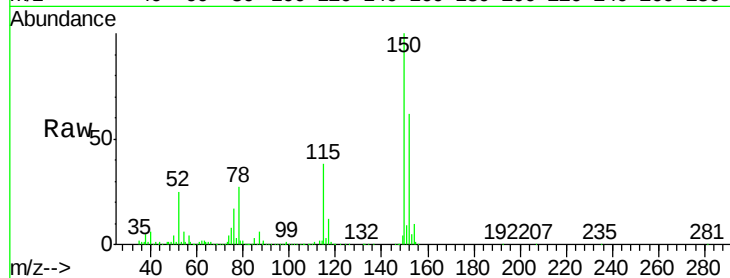
Tot Ion:152 Resp: 315739

Ion Ratio Lower Upper

152 100

115 60.7 30.4 91.2

150 158.4 0.0 347.0



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

