

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010371.D
 Acq On : 10 May 2019 22:18
 Operator : SY/VA
 Sample : K2718-14
 Misc : 6.46G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-1218-01

Quant Time: May 11 00:24:38 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

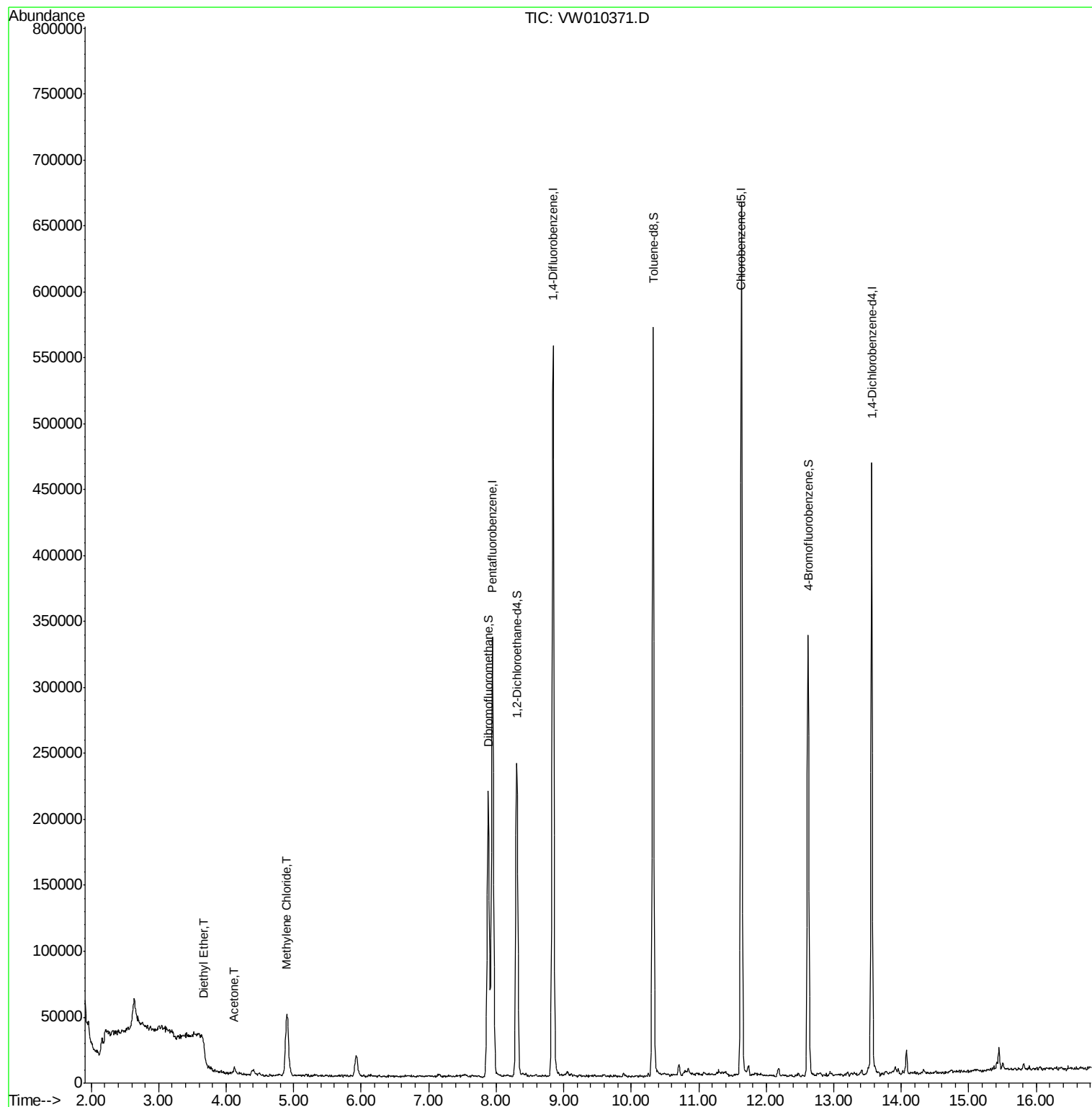
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	440215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	190151	72.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.86%	
35) Dibromofluoromethane	7.88	113	156081	60.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.18%	
50) Toluene-d8	10.32	98	367474	35.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.06%	
62) 4-Bromofluorobenzene	12.62	95	104958	28.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.84%	
Target Compounds						
8) Diethyl Ether	3.67	74	4358	3.174	ug/l	97
16) Acetone	4.12	43	9251	13.610	ug/l	93
20) Methylene Chloride	4.90	84	34880	12.303	ug/l	93

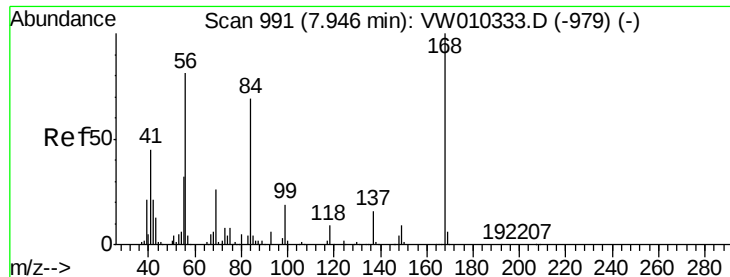
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010371.D

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Instrument :

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ClientSampleId :

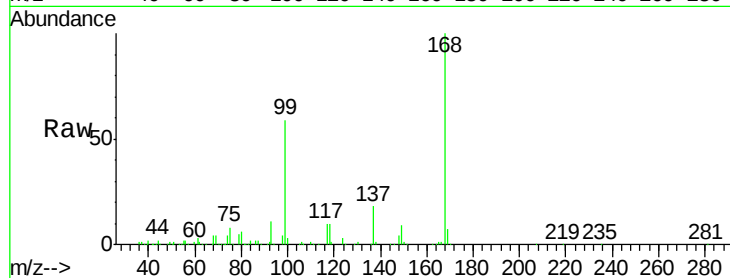
P026-SS006-1218-01

Tot Ion:168 Resp: 245247

Ion Ratio Lower Upper

168 100

99 59.0 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

120000

100000

80000

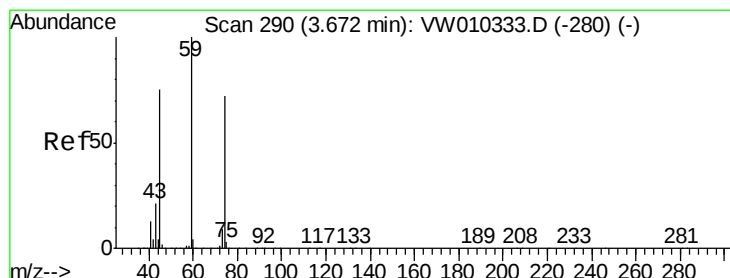
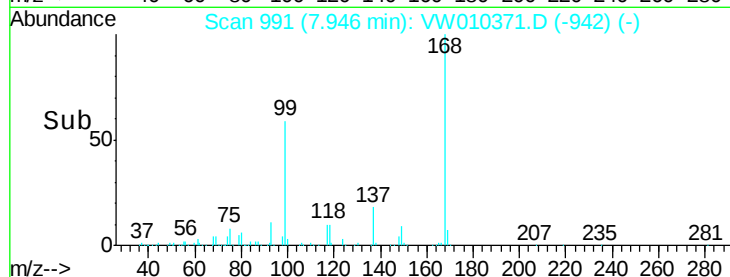
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 3.174 ug/l

RT: 3.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VW010371.D

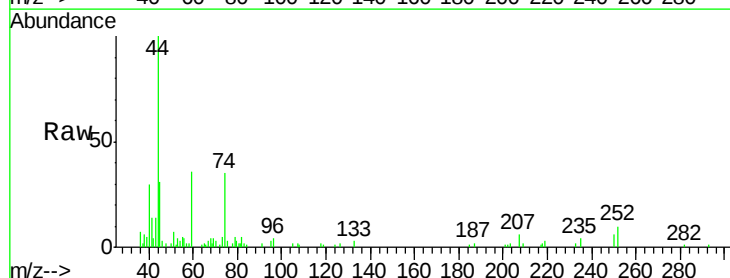
Acq: 10 May 2019 22:18

Tgt Ion: 74 Resp: 4358

Ion Ratio Lower Upper

74 100

45 108.3 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

2500

2000

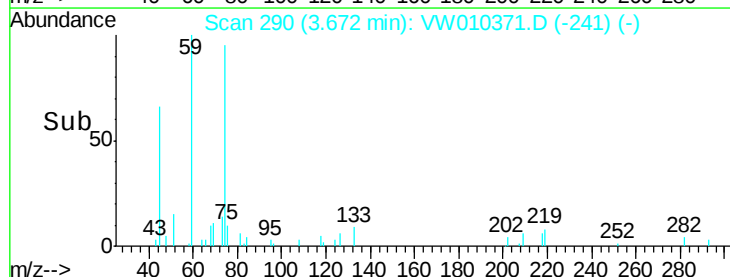
1500

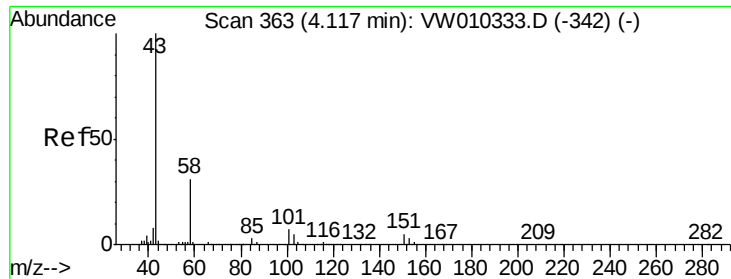
1000

500

0

Time-->

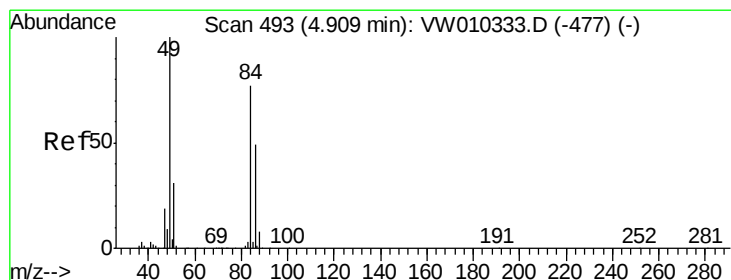
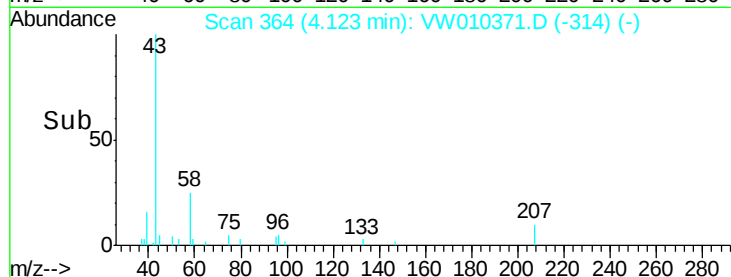
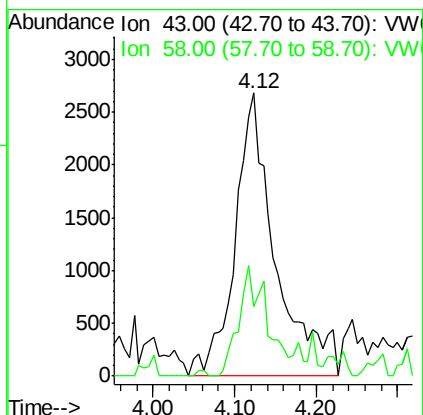
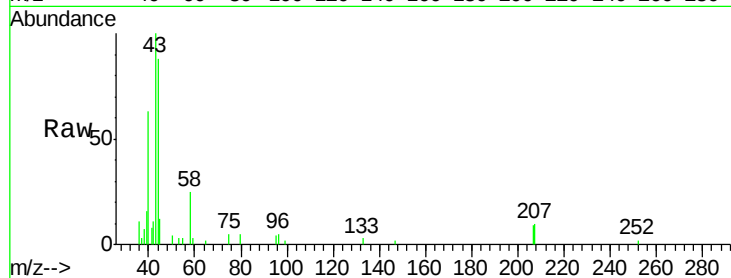




#16
Acetone
Concen: 13.610 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010371.D
Acq: 10 May 2019 22:18

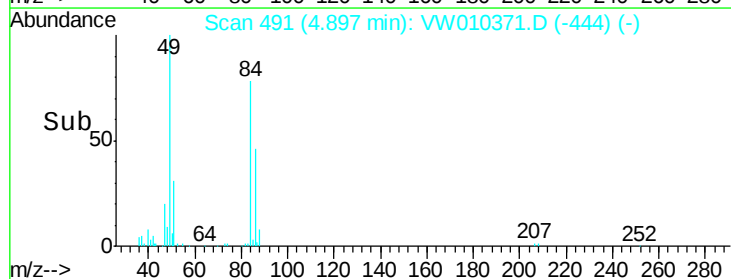
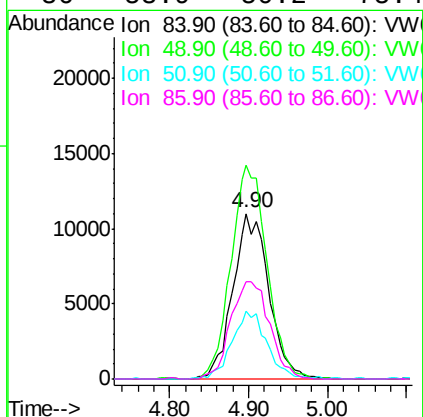
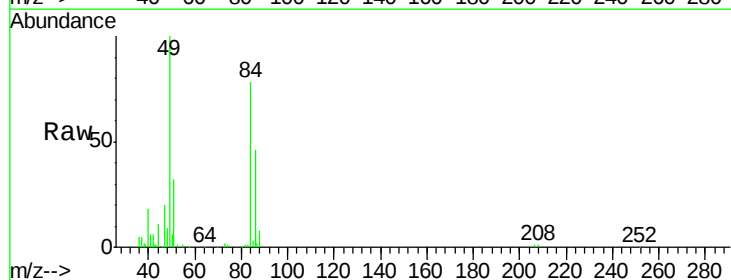
Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-1218-01

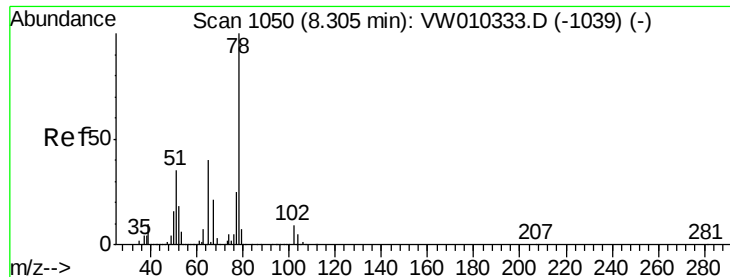
Tot Ion: 43 Resp: 9251
Ion Ratio Lower Upper
43 100
58 24.7 22.7 34.1



#20
Methylene Chloride
Concen: 12.303 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW010371.D
Acq: 10 May 2019 22:18

Tgt Ion: 84 Resp: 34880
Ion Ratio Lower Upper
84 100
49 128.9 112.3 168.5
51 40.7 33.9 50.9
86 58.9 50.2 75.4

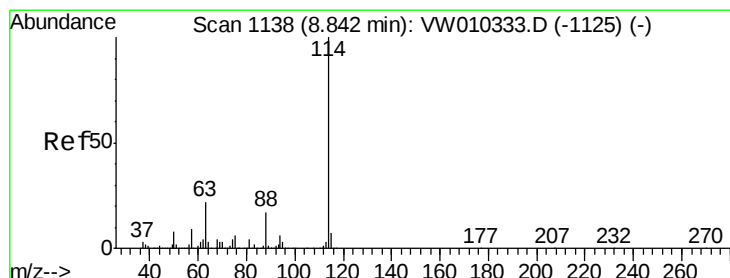
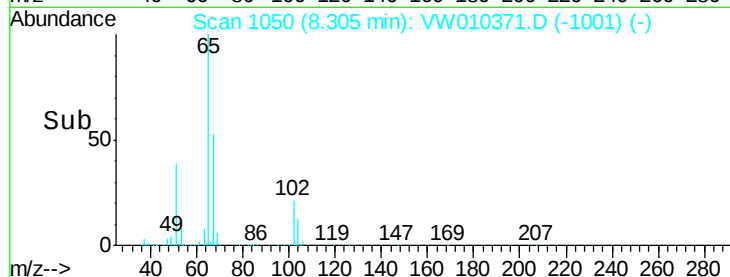
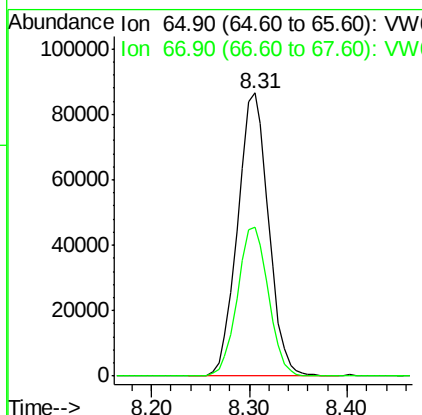
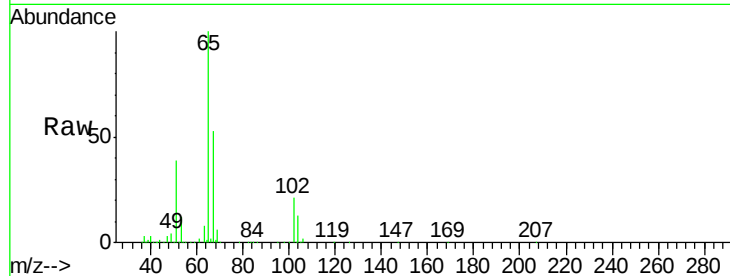




#33
 1,2-Dichloroethane-d4
 Concen: 72.930 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010371.D
 Acq: 10 May 2019 22:18

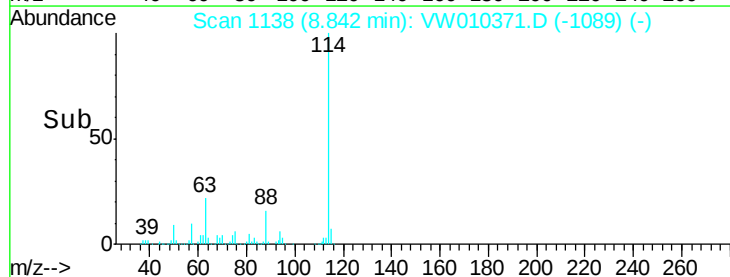
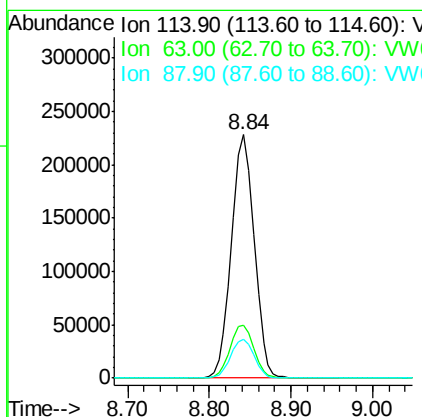
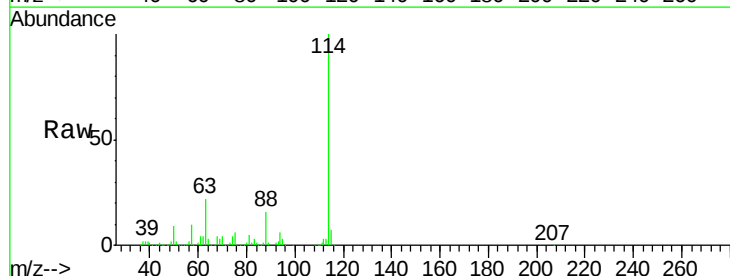
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-1218-01

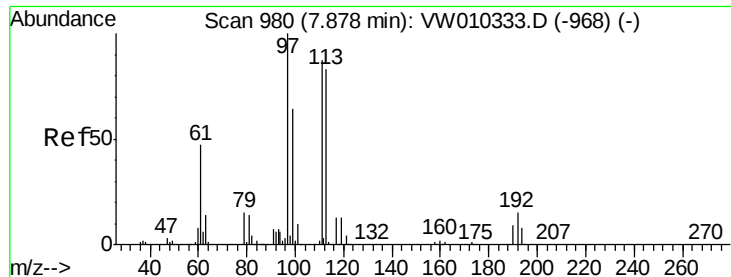
Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010371.D
 Acq: 10 May 2019 22:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	46.2
88	16.1	0.0	32.6





#35

Dibromofluoromethane

Concen: 60.588 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010371.D

Acq: 10 May 2019 22:18

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-1218-01

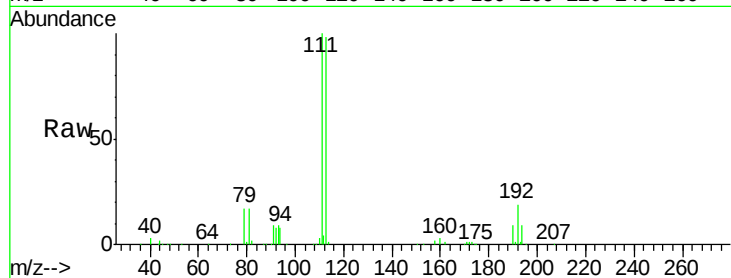
Tot Ion:113 Resp: 156081

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

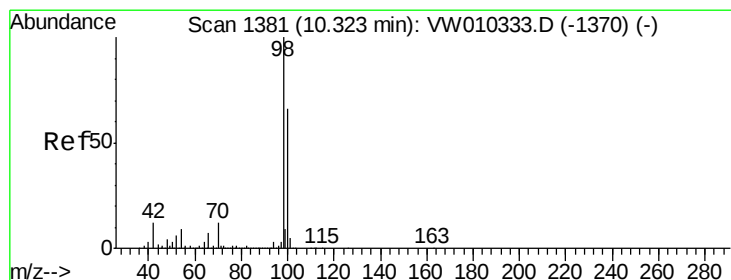
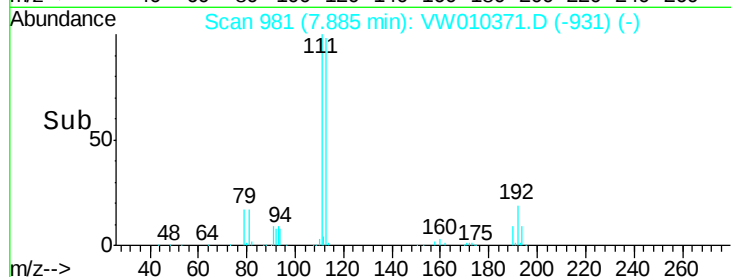
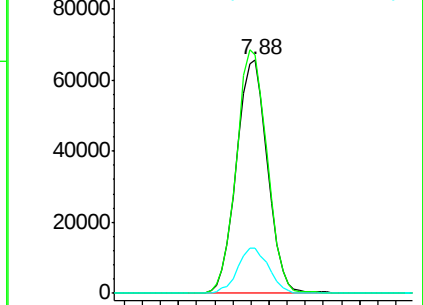
192 19.5 15.4 23.2



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: 35.031 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010371.D

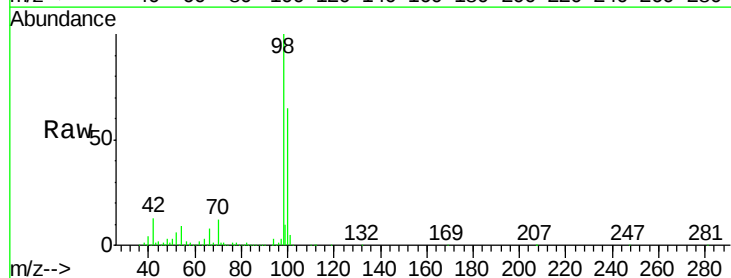
Acq: 10 May 2019 22:18

Tgt Ion: 98 Resp: 367474

Ion Ratio Lower Upper

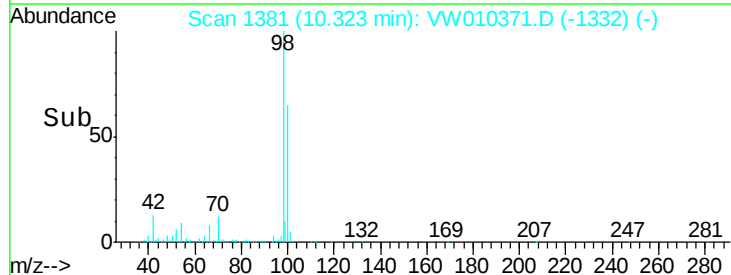
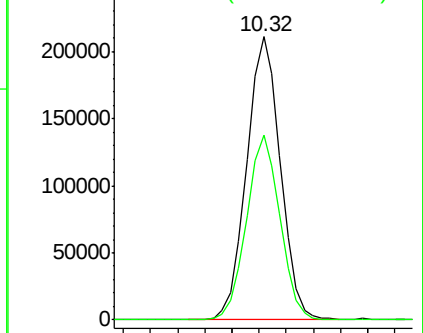
98 100

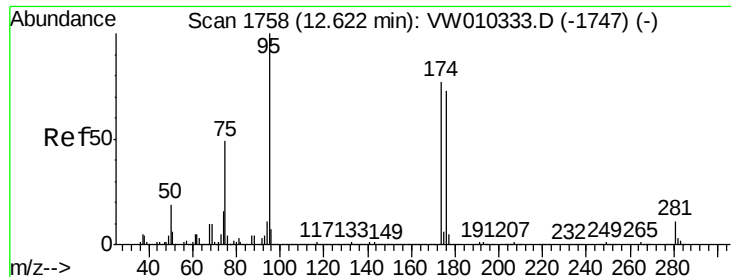
100 64.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 28.425 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW010371.D

Acq: 10 May 2019 22:18

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-1218-01

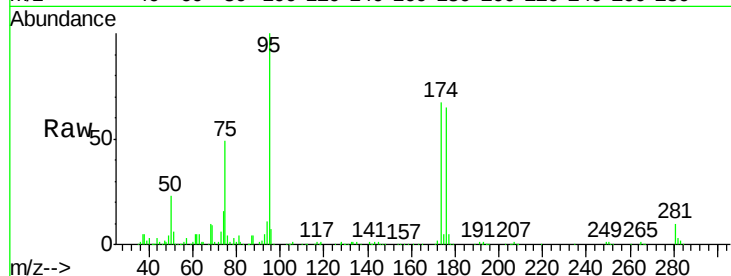
Tot Ion: 95 Resp: 104958

Ion Ratio Lower Upper

95 100

174 77.1 0.0 151.4

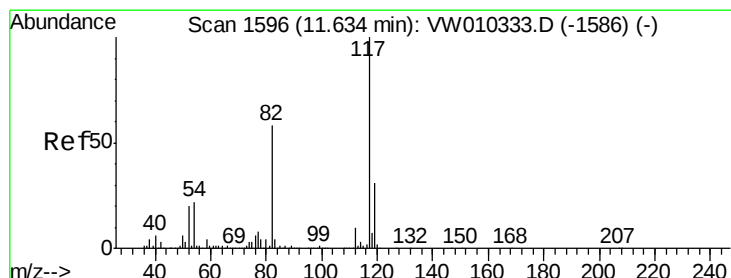
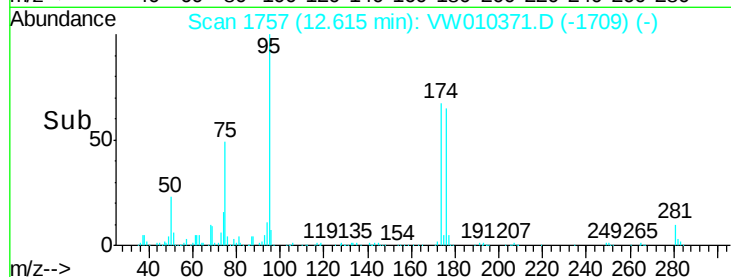
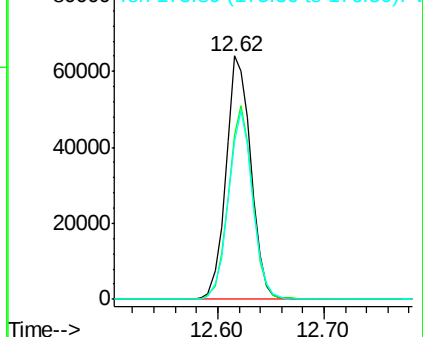
176 75.2 0.0 146.2



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# 1596

Delta R.T. -0.00 min

Lab File: VW010371.D

Acq: 10 May 2019 22:18

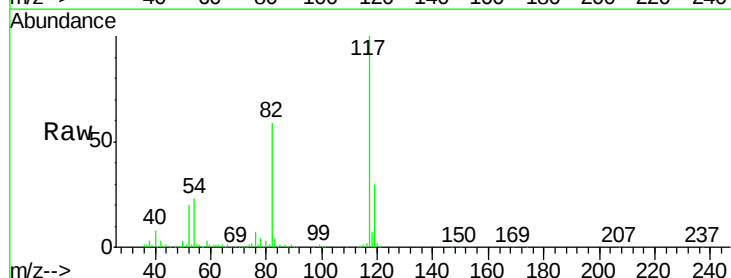
Tgt Ion: 117 Resp: 361159

Ion Ratio Lower Upper

117 100

82 58.6 45.2 67.8

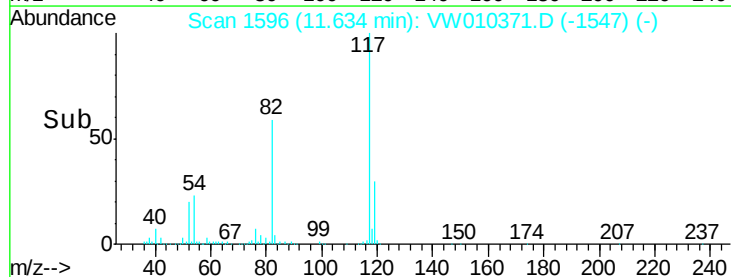
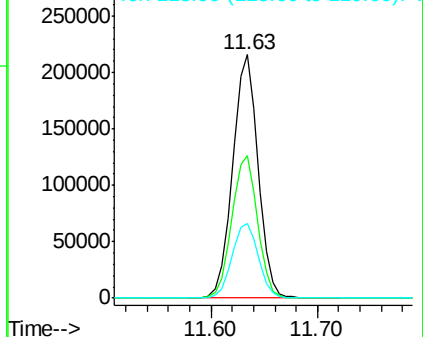
119 30.4 25.4 38.2

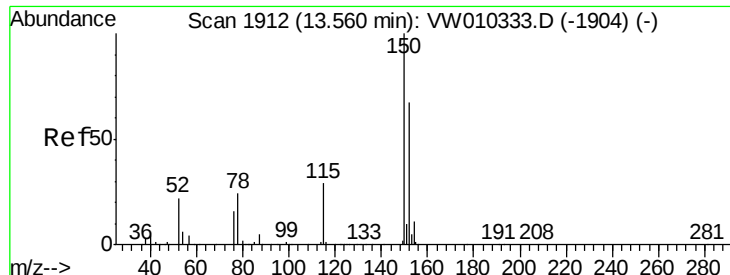


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW010371.D

Acq: 10 May 2019 22:18

Instrument :

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P026-SS006-1218-01

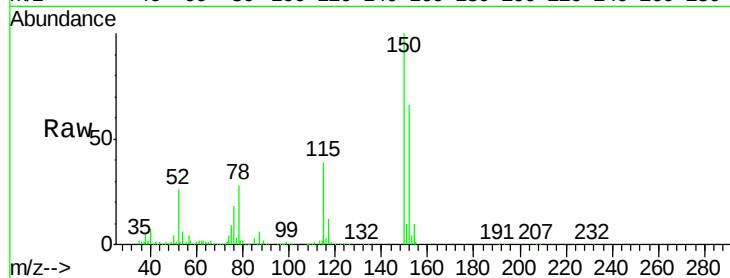
Tot Ion:152 Resp: 114896

Ion Ratio Lower Upper

152 100

115 60.1 30.4 91.2

150 155.4 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

