

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010050.D
 Acq On : 18 Apr 2019 17:29
 Operator : SY/VA
 Sample : K2407-02
 Misc : 5.99G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11-S2

Quant Time: Apr 18 17:50:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 11:26:35 2019
 Response via : Initial Calibration

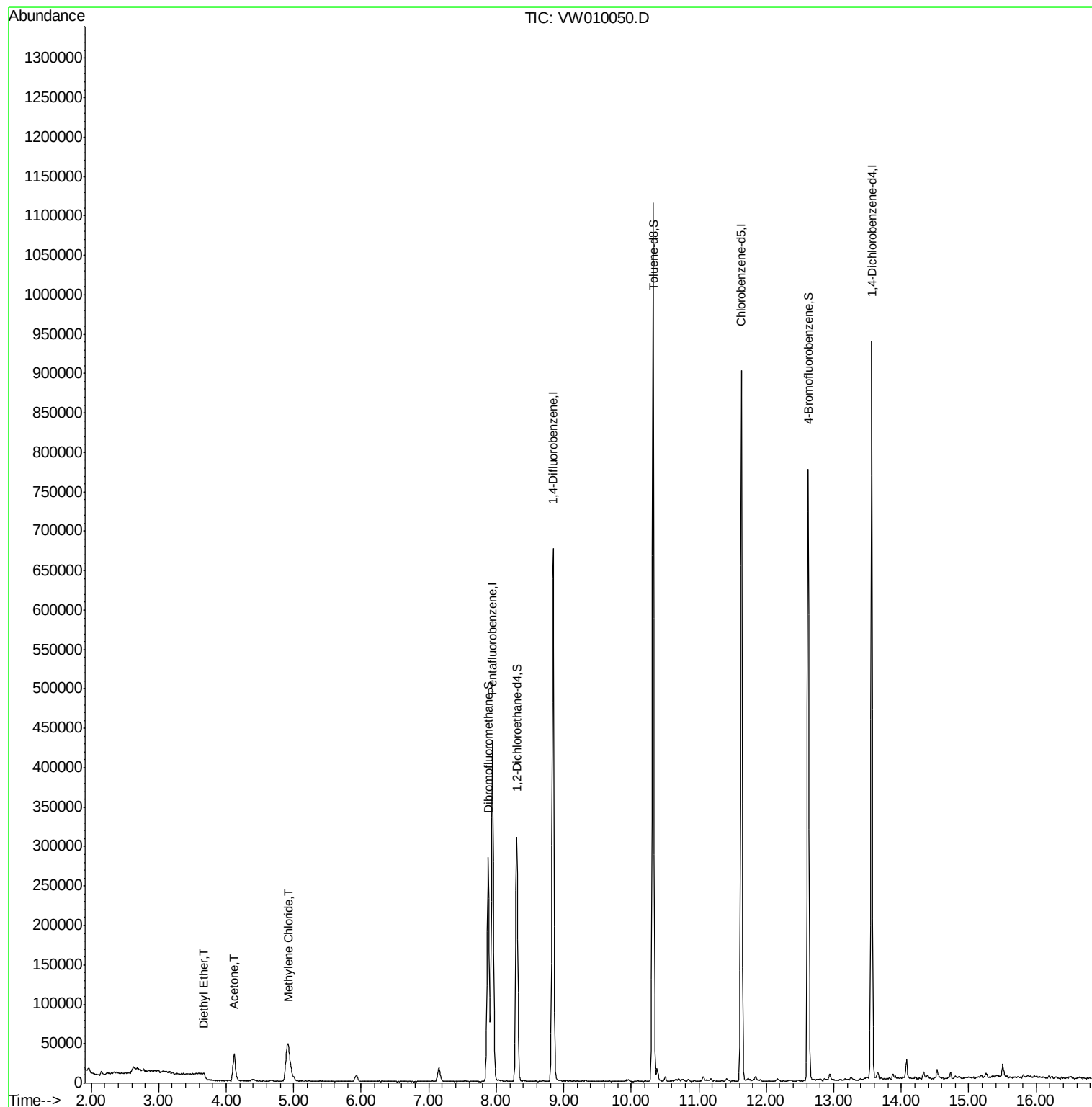
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	517082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	471918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	219764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	246690	68.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.18%	
35) Dibromofluoromethane	7.88	113	197365	60.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.08%	
50) Toluene-d8	10.32	98	691694	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
62) 4-Bromofluorobenzene	12.62	95	236718	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
Target Compounds						
8) Diethyl Ether	3.68	74	3162	2.113	ug/l	96
16) Acetone	4.12	43	60708	72.224	ug/l	100
20) Methylene Chloride	4.93	84	48531	11.538	ug/l	86

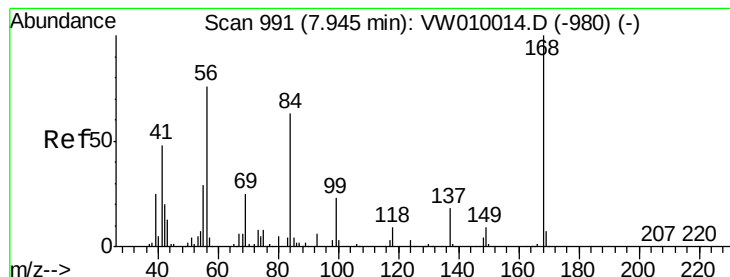
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041819\
Data File : VW010050.D
Acq On : 18 Apr 2019 17:29
Operator : SY/VA
Sample : K2407-02
Misc : 5.99G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-11-S2

Quant Time: Apr 18 17:50:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 11:26:35 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010050.D

Acq: 18 Apr 2019 17:29

Instrument :

MSVOA_W

ClientSampled :

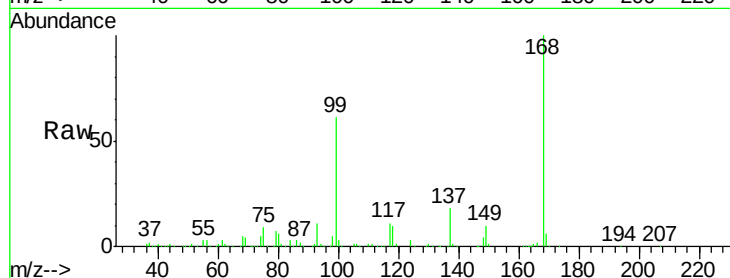
TP-11-S2

Tot Ion:168 Resp: 293565

Ion Ratio Lower Upper

168 100

99 60.9 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

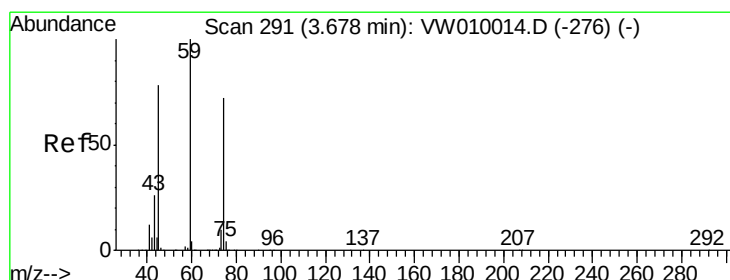
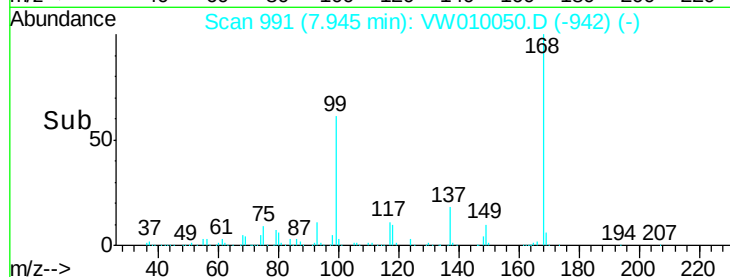
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#8

Diethyl Ether

Concen: 2.113 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW010050.D

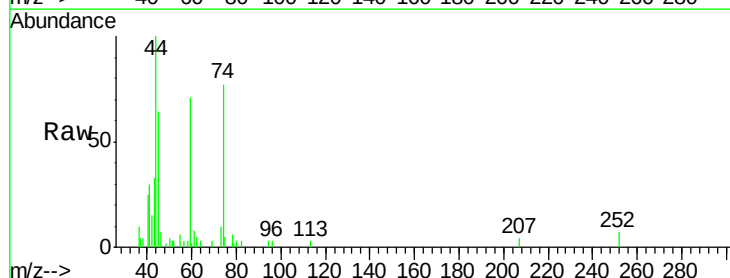
Acq: 18 Apr 2019 17:29

Tgt Ion: 74 Resp: 3162

Ion Ratio Lower Upper

74 100

45 108.2 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

2000

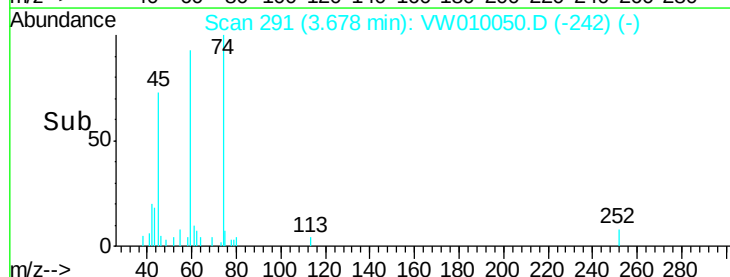
1500

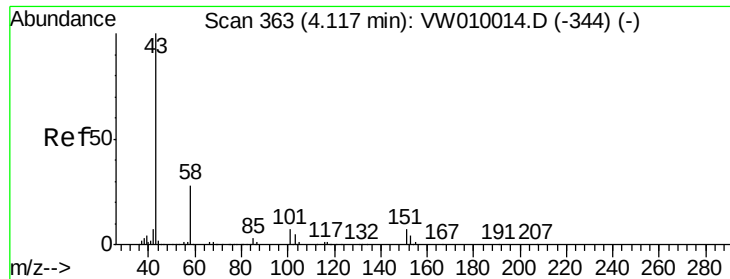
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 72.224 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010050.D

Acq: 18 Apr 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

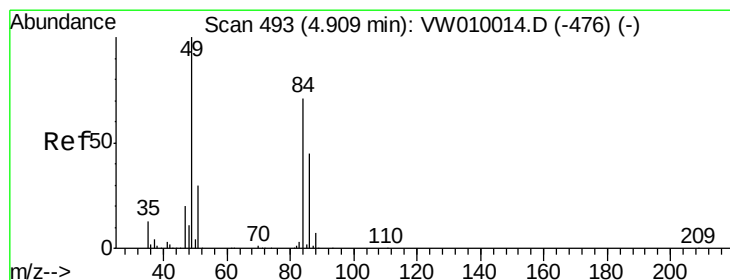
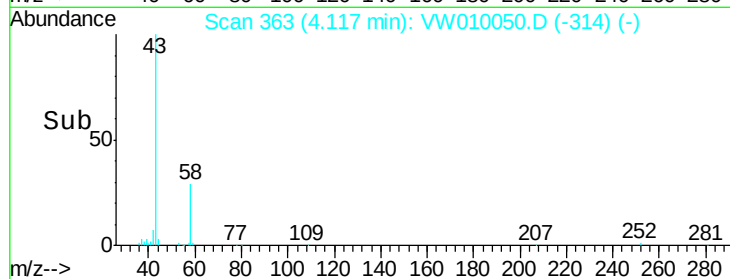
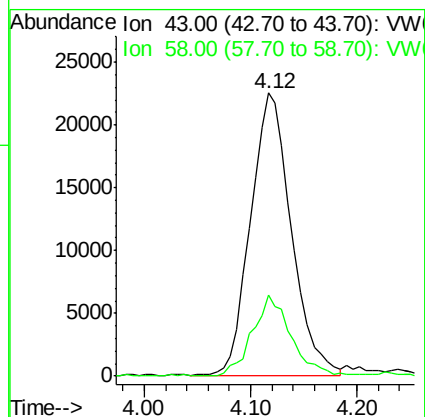
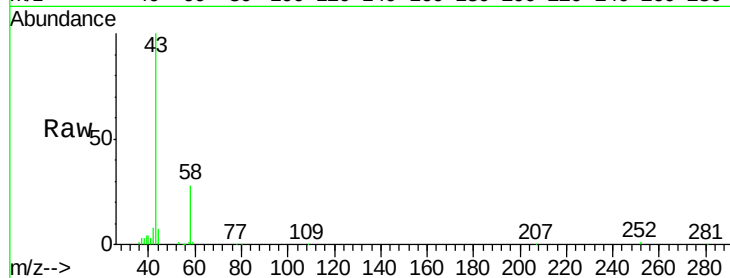
TP-11-S2

Tot Ion: 43 Resp: 60708

Ion Ratio Lower Upper

43 100

58 28.5 22.7 34.1



#20

Methylene Chloride

Concen: 11.538 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.02 min

Lab File: VW010050.D

Acq: 18 Apr 2019 17:29

Tgt Ion: 84 Resp: 48531

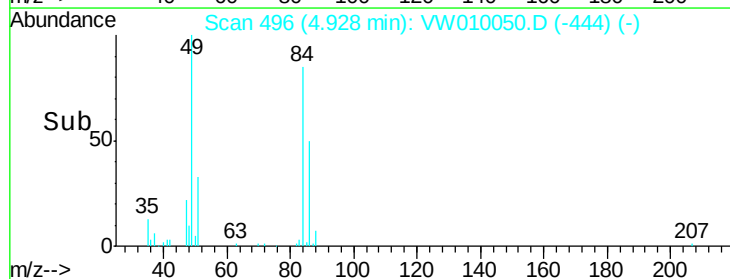
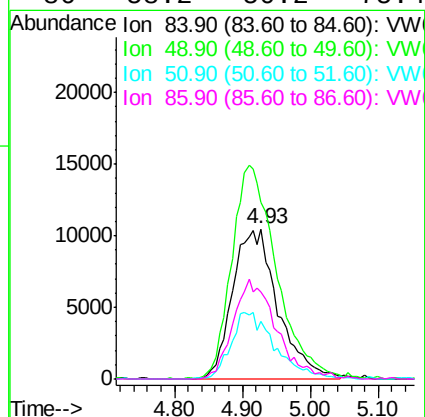
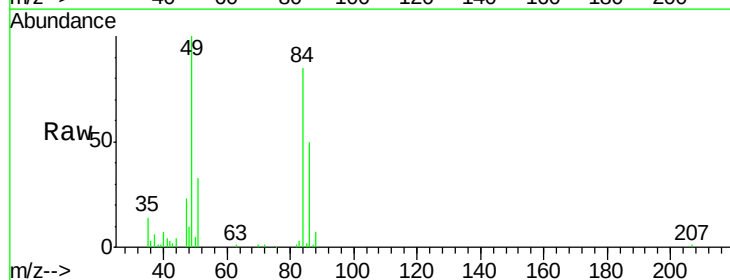
Ion Ratio Lower Upper

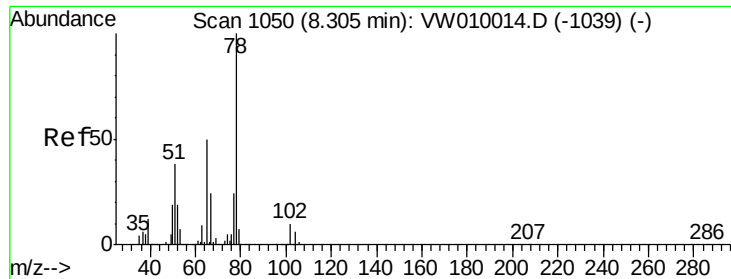
84 100

49 117.0 112.3 168.5

51 38.4 33.9 50.9

86 58.2 50.2 75.4

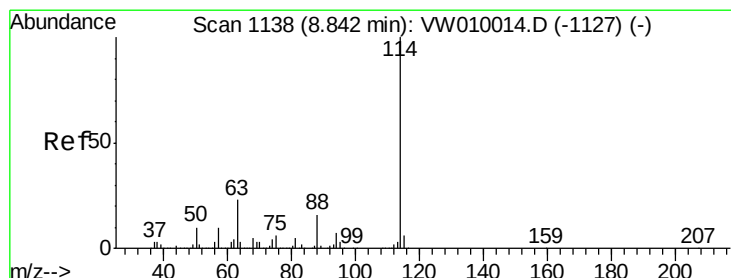
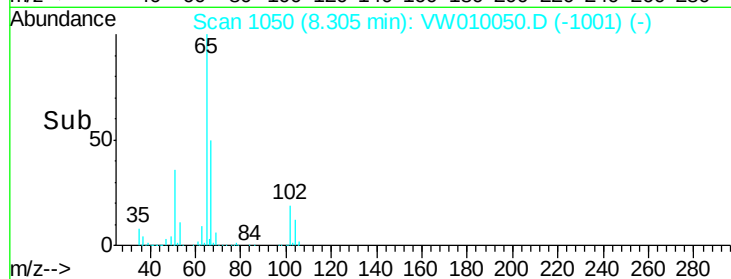
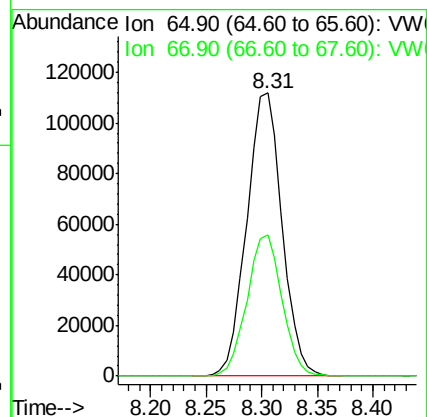
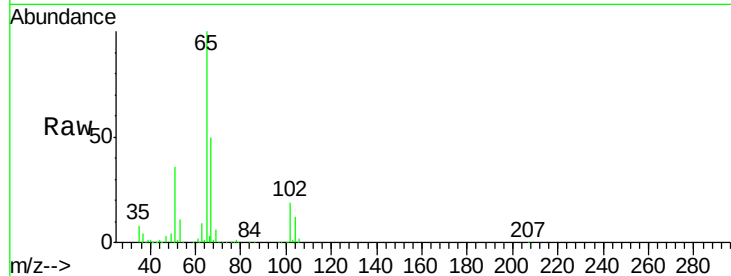




#33
 1,2-Dichloroethane-d4
 Concen: 68.095 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010050.D
 Acq: 18 Apr 2019 17:29

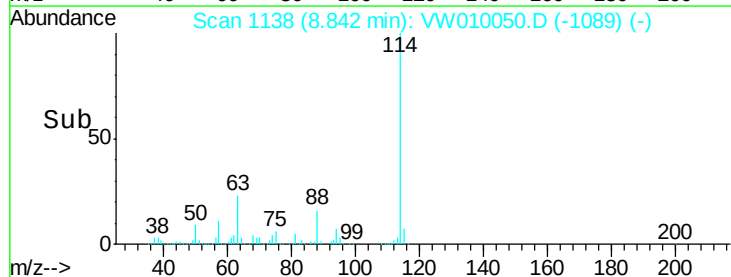
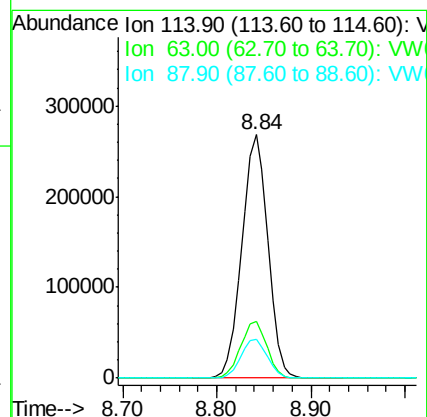
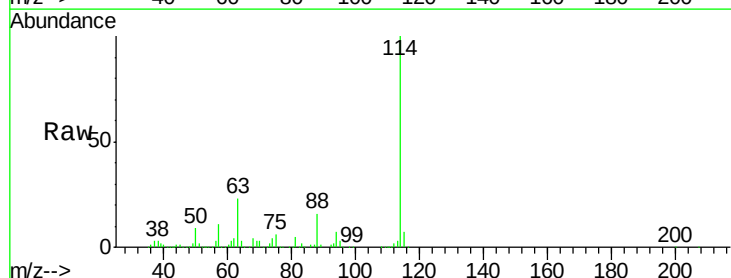
Instrument :
 MSVOA_W
 ClientSampled :
 TP-11-S2

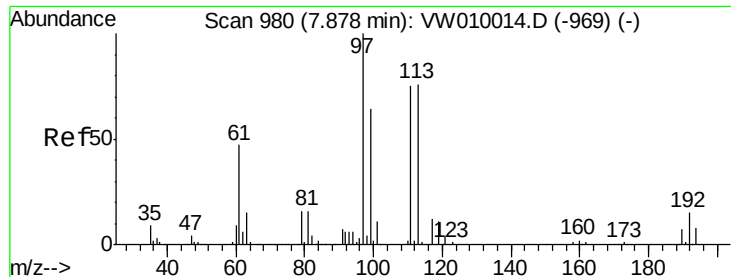
Tot Ion: 65 Resp: 246690
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010050.D
 Acq: 18 Apr 2019 17:29

Tgt Ion: 114 Resp: 517082
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.2
 88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 60.036 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010050.D

Acq: 18 Apr 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

TP-11-S2

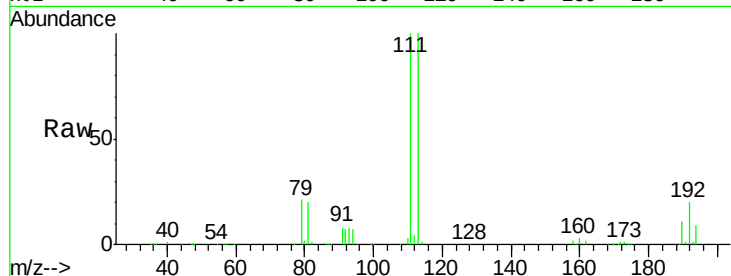
Tot Ion:113 Resp: 197365

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

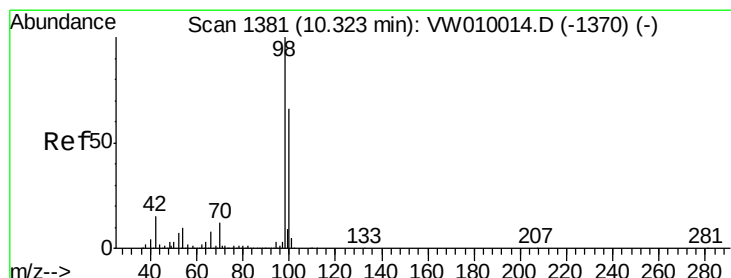
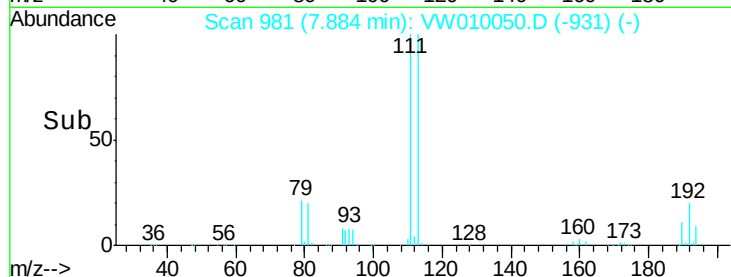
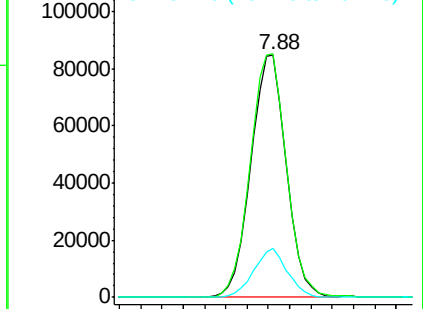
192 19.2 15.4 23.2



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: 56.150 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010050.D

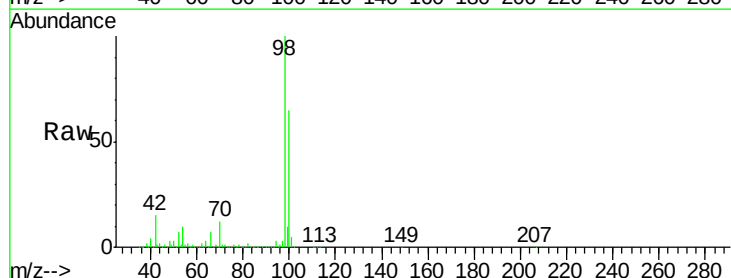
Acq: 18 Apr 2019 17:29

Tgt Ion: 98 Resp: 691694

Ion Ratio Lower Upper

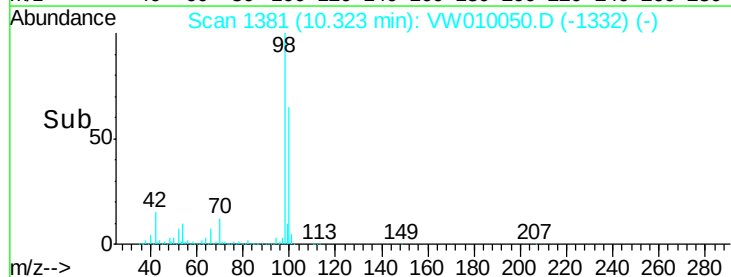
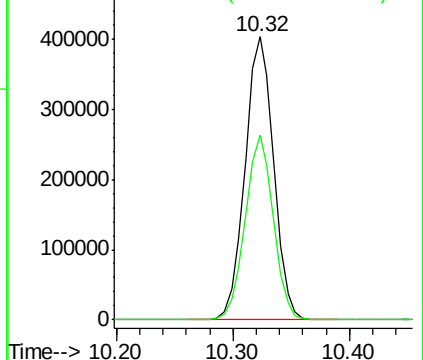
98 100

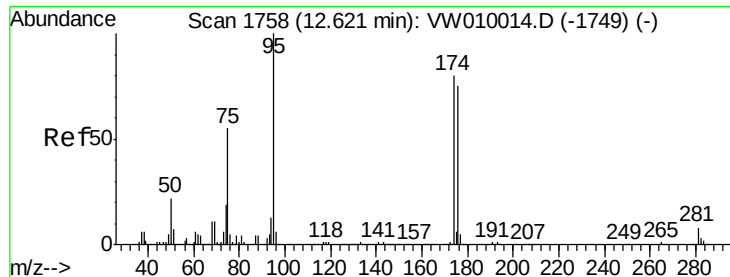
100 63.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 52.865 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010050.D

Acq: 18 Apr 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

TP-11-S2

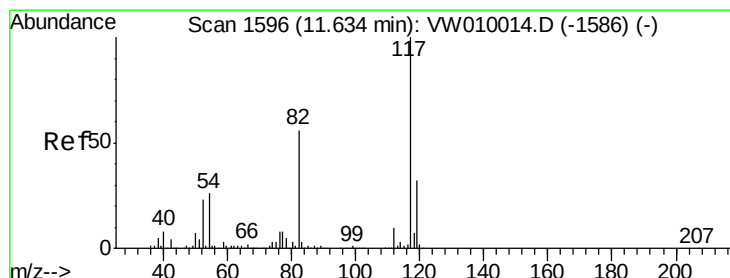
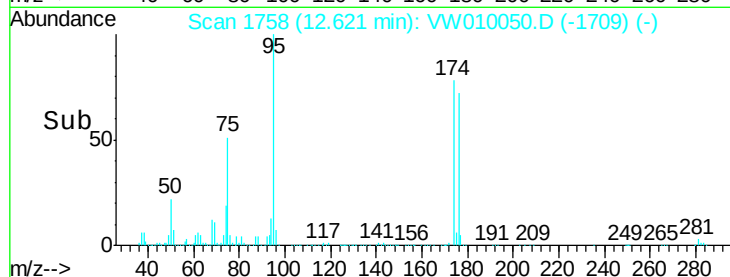
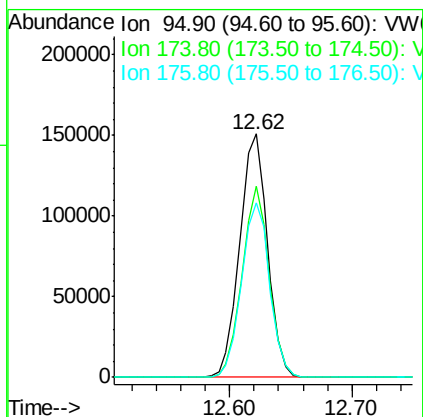
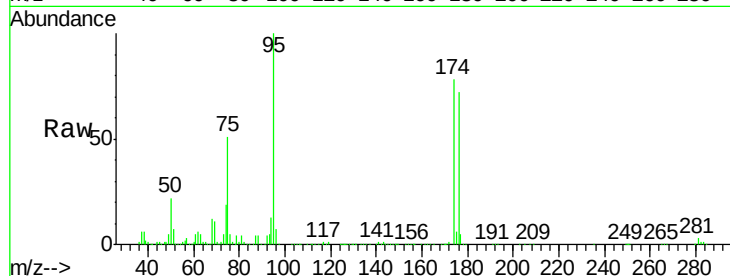
Tot Ion: 95 Resp: 236718

Ion Ratio Lower Upper

95 100

174 76.4 0.0 151.4

176 72.6 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: VW010050.D

Acq: 18 Apr 2019 17:29

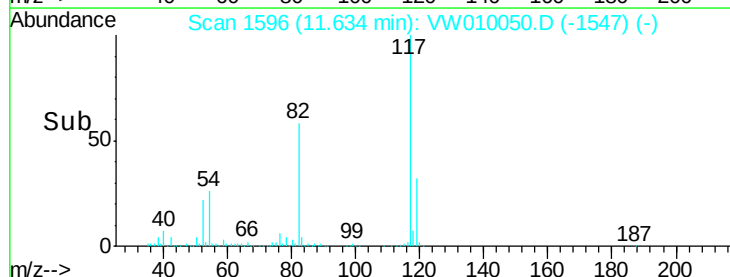
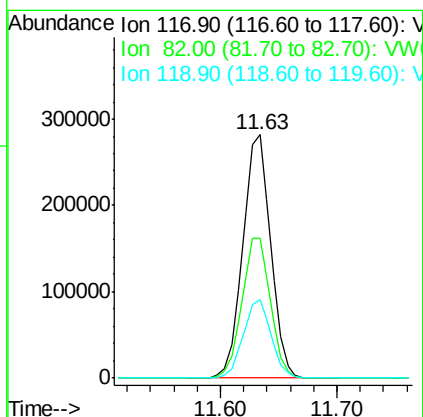
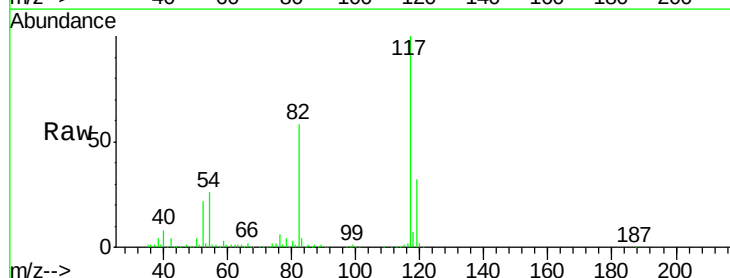
Tgt Ion: 117 Resp: 471918

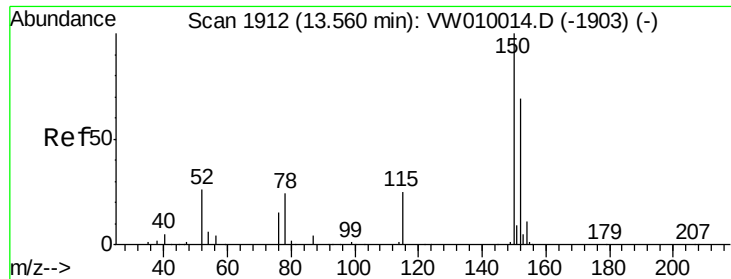
Ion Ratio Lower Upper

117 100

82 57.5 45.2 67.8

119 32.0 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: VW010050.D

Acq: 18 Apr 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

TP-11-S2

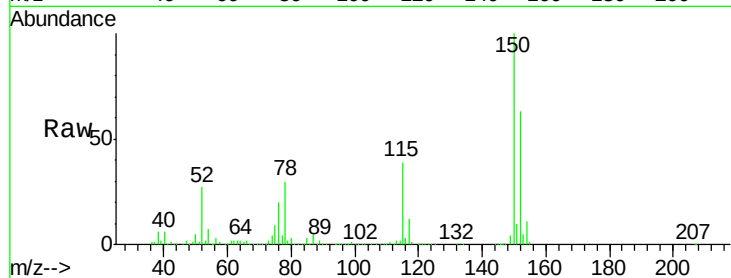
Tot Ion:152 Resp: 219764

Ion Ratio Lower Upper

152 100

115 59.9 30.4 91.2

150 157.0 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

