

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005302.D
 Acq On : 12 Sep 2018 04:39
 Operator : SY/AP
 Sample : J4777-09
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-E

Quant Time: Sep 12 07:29:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

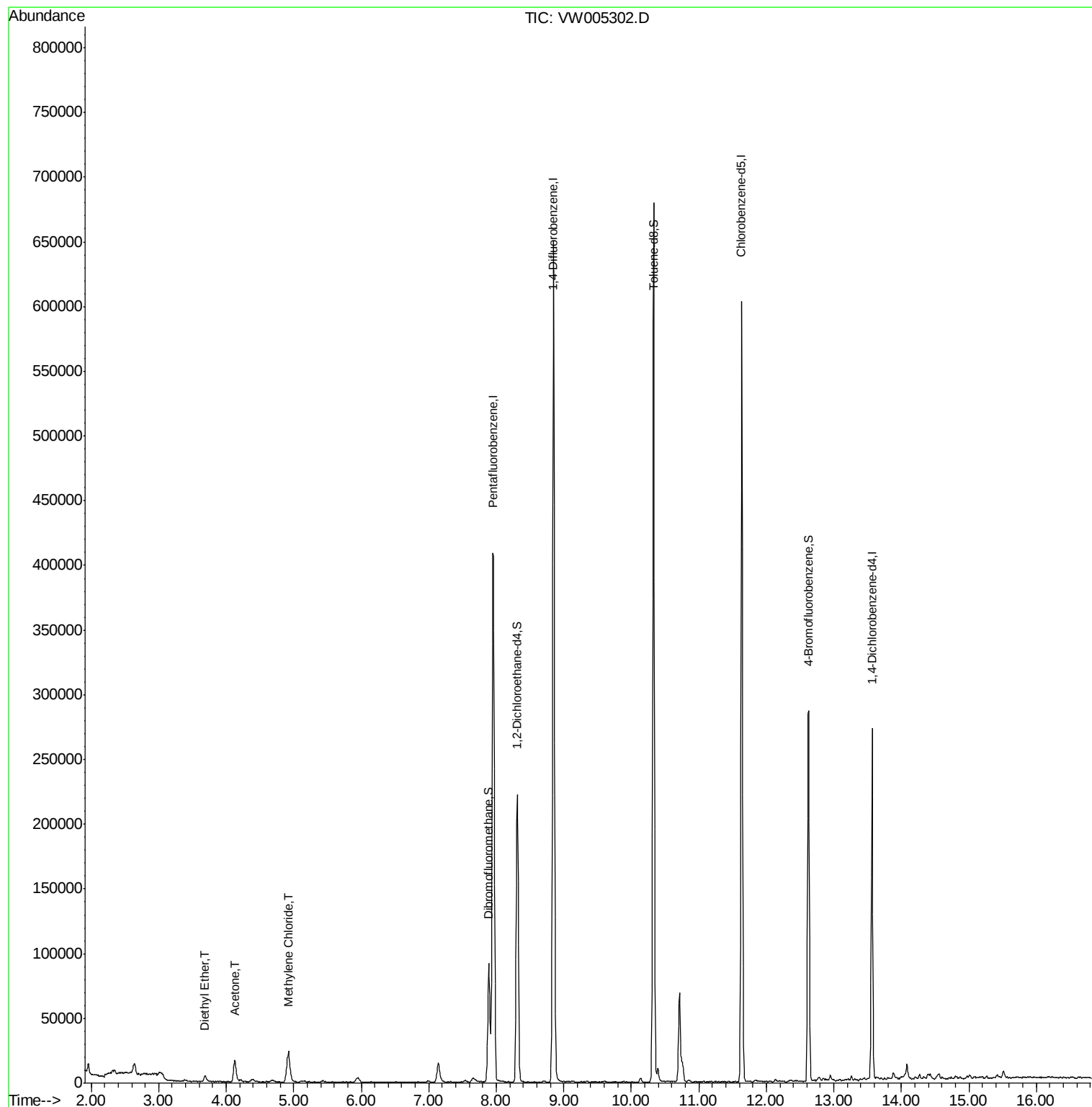
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	339137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	579503	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	76969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	170524	67.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.82%	
35) Dibromofluoromethane	7.89	113	66696	21.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.94%	
50) Toluene-d8	10.33	98	464103	30.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.52%	
62) 4-Bromofluorobenzene	12.62	95	91561	16.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	32.64%	
Target Compounds						
8) Diethyl Ether	3.68	74	2526	1.74	ug/l	Qvalue 84
16) Acetone	4.13	43	30373	64.69	ug/l	99
20) Methylene Chloride	4.92	84	19533	2.47	ug/l	98

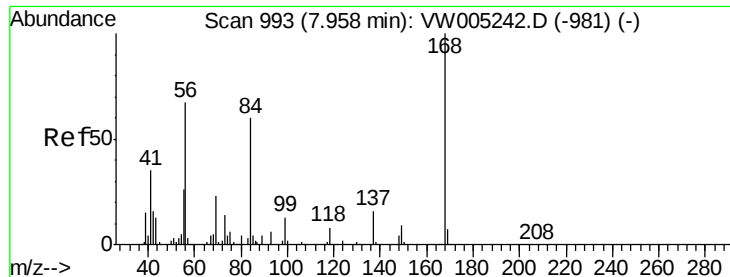
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005302.D

Acq: 12 Sep 2018 04:39

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MSVOA_W

ClientSampleId :

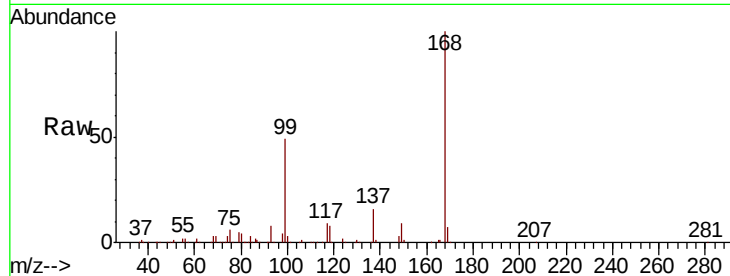
PL-05-090718-E

Tot Ion:168 Resp: 339137

Ion Ratio Lower Upper

168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

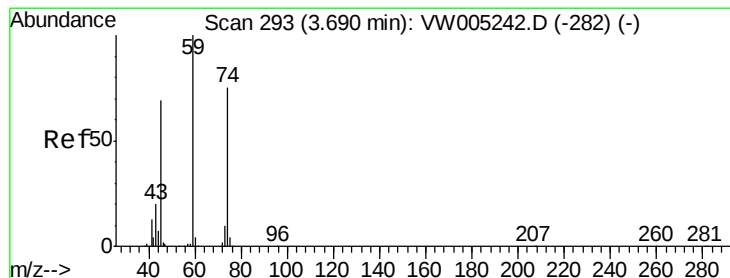
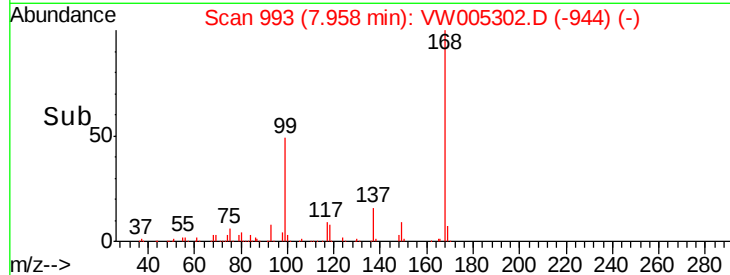
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.74 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW005302.D

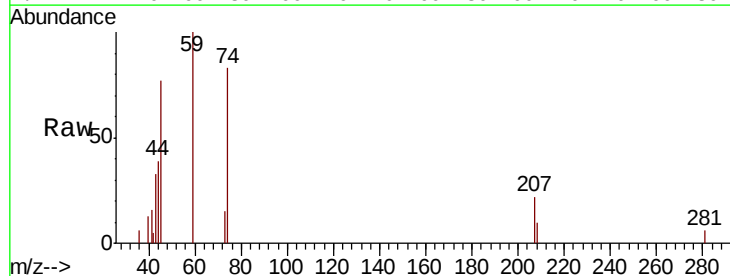
Acq: 12 Sep 2018 04:39

Tgt Ion: 74 Resp: 2526

Ion Ratio Lower Upper

74 100

45 105.7 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

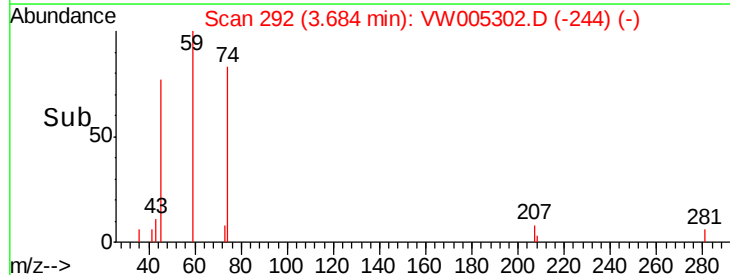
3.68

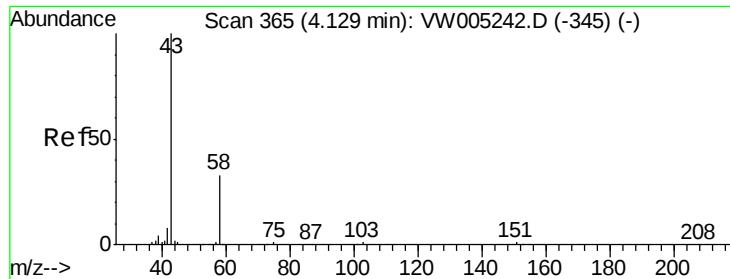
1000

500

0

Time-->





#16

Acetone

Concen: 64.69 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005302.D

Acq: 12 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

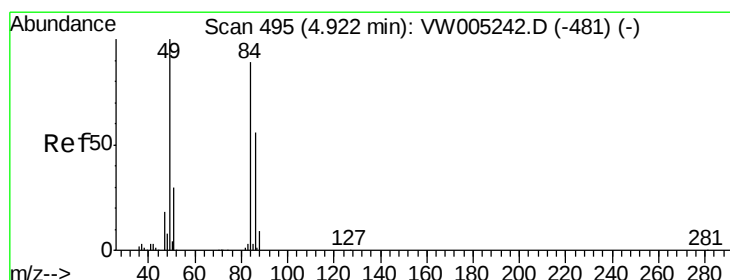
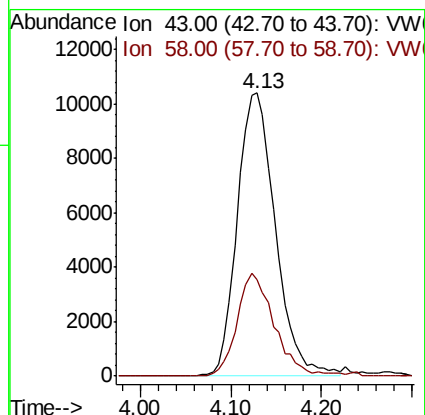
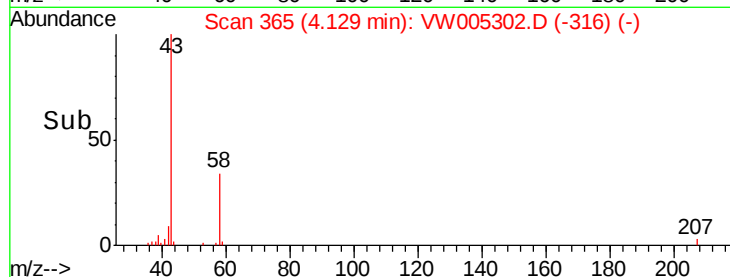
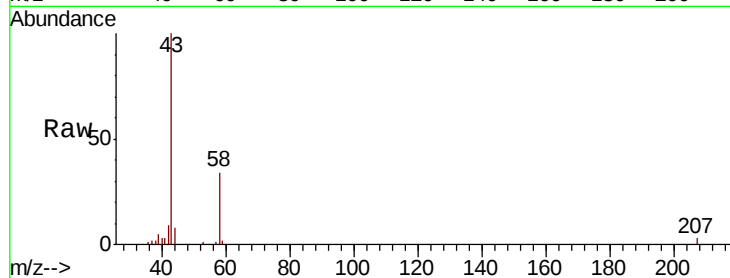
PL-05-090718-E

Tot Ion: 43 Resp: 30373

Ion Ratio Lower Upper

43 100

58 34.2 26.7 40.1



#20

Methylene Chloride

Concen: 2.47 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW005302.D

Acq: 12 Sep 2018 04:39

Tgt Ion: 84 Resp: 19533

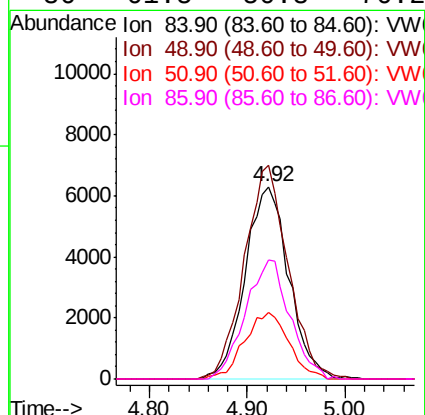
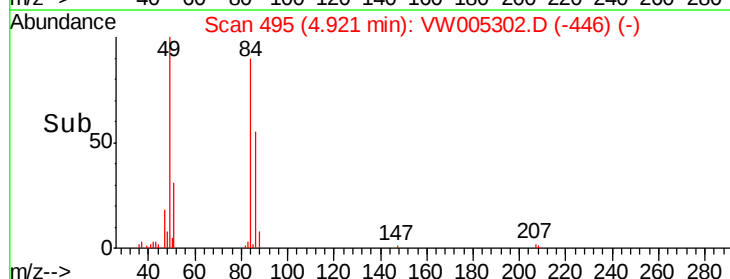
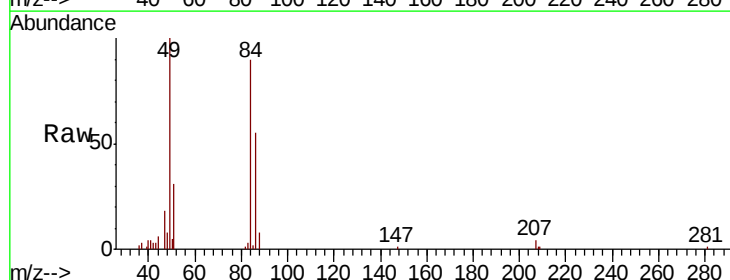
Ion Ratio Lower Upper

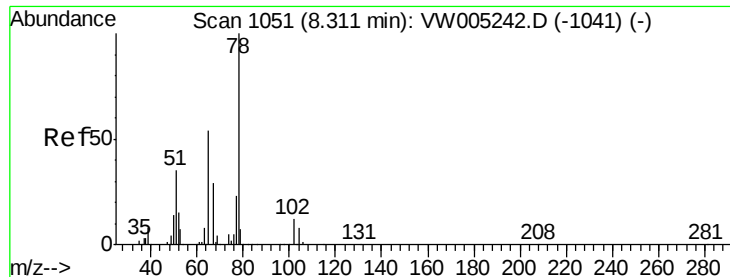
84 100

49 111.0 90.3 135.5

51 34.5 26.9 40.3

86 61.5 50.8 76.2

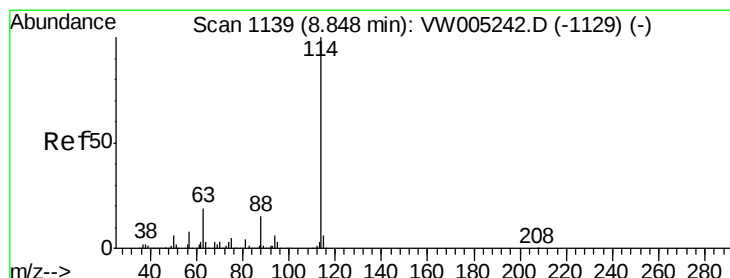
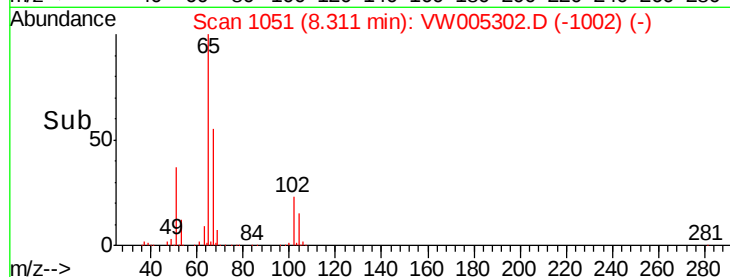
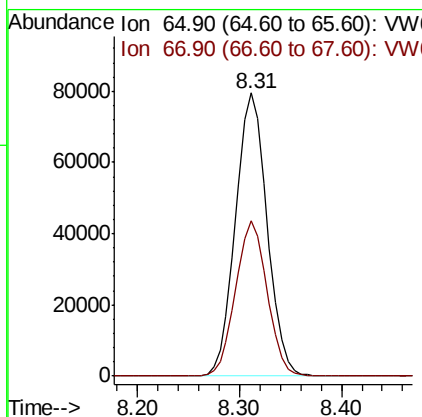
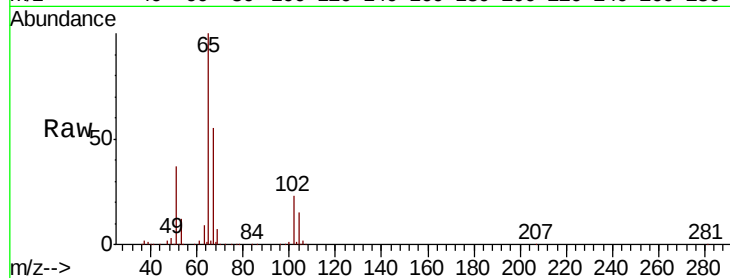




#33
 1,2-Dichloroethane-d4
 Concen: 67.41 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005302.D
 Acq: 12 Sep 2018 04:39

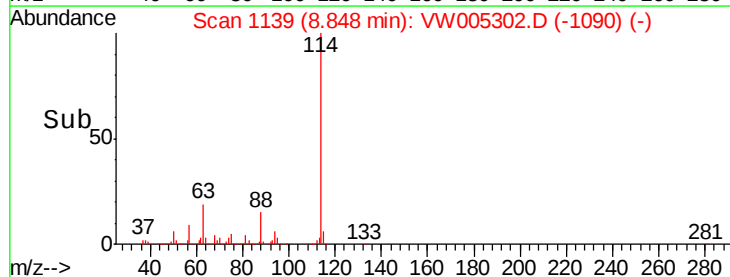
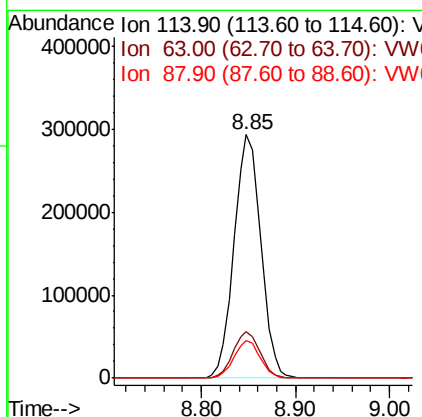
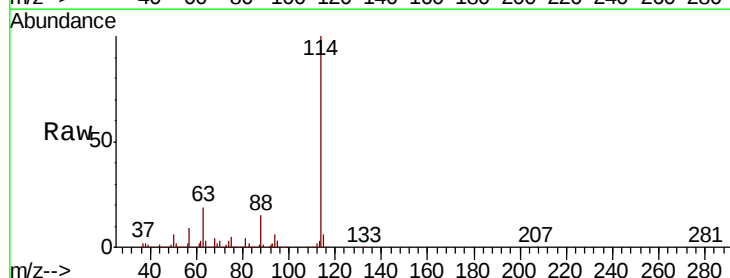
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-E

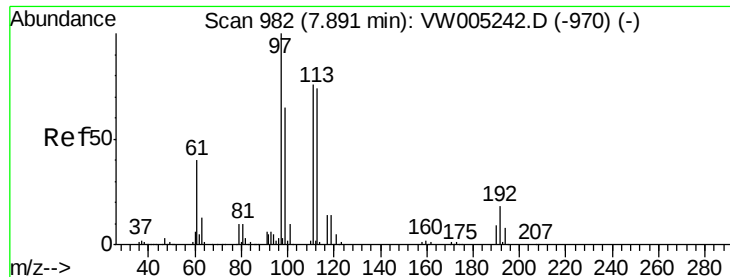
Tot Ion: 65 Resp: 170524
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005302.D
 Acq: 12 Sep 2018 04:39

Tgt Ion: 114 Resp: 579503
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.0
 88 15.5 0.0 30.4

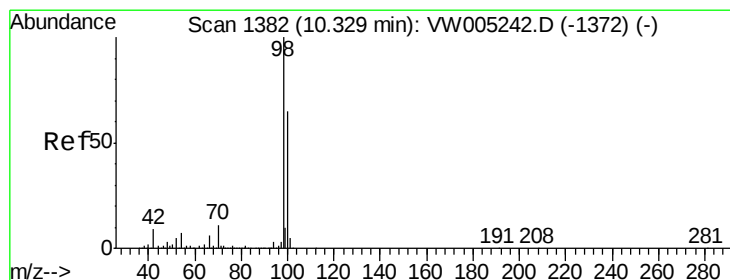
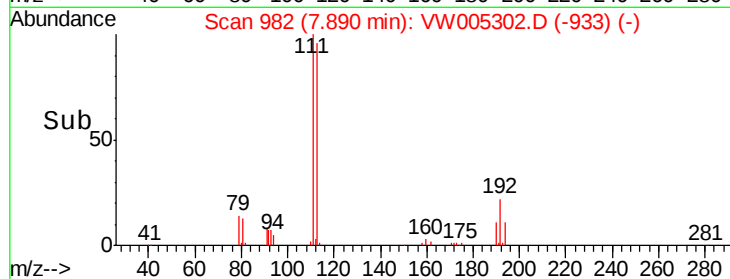
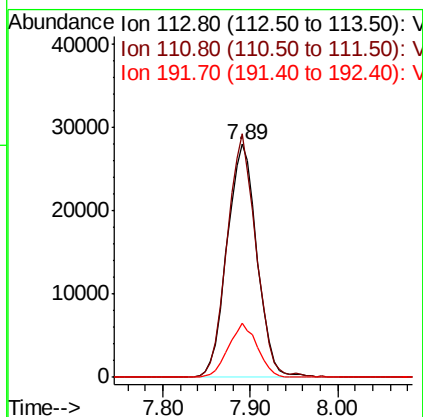
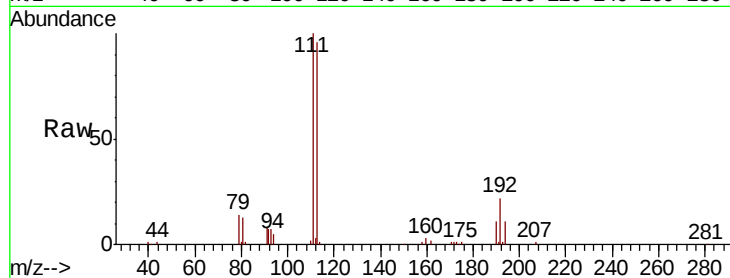




#35
 Dibromofluoromethane
 Concen: 21.97 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005302.D
 Acq: 12 Sep 2018 04:39

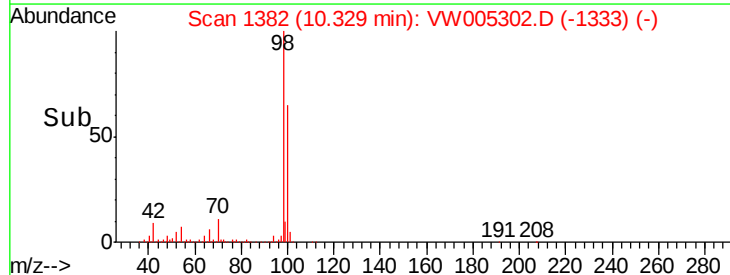
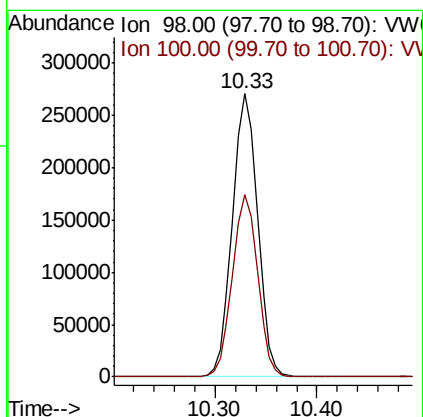
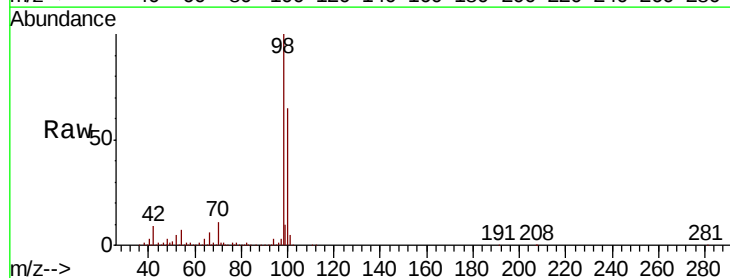
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-E

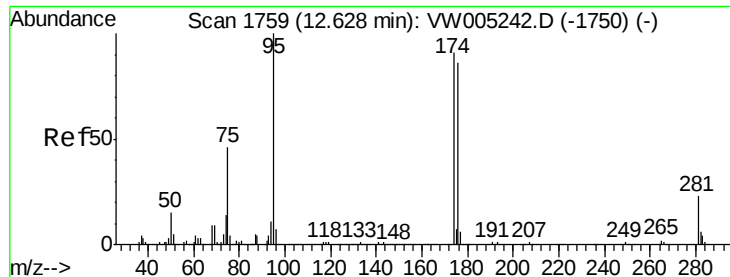
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.6	121.0
192	22.3	18.3	27.5



#50
 Toluene-d8
 Concen: 30.26 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005302.D
 Acq: 12 Sep 2018 04:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0

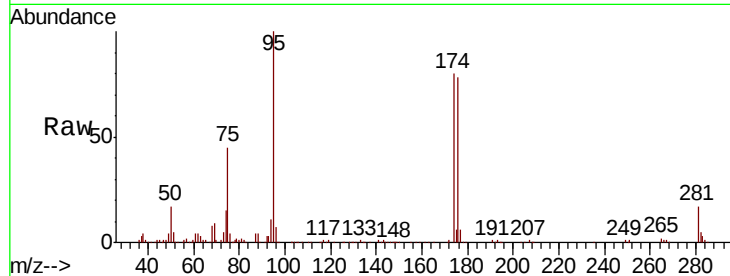




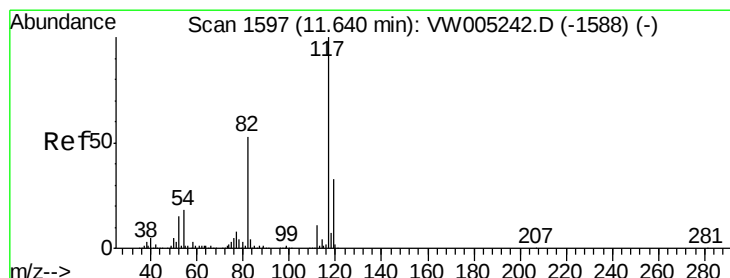
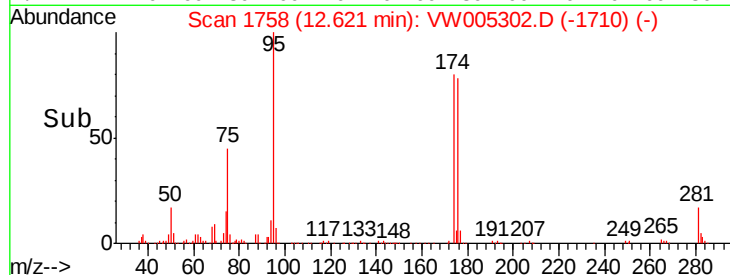
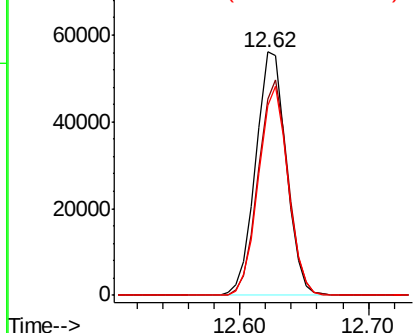
#62
4-Bromofluorobenzene
Concen: 16.32 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005302.D
Acq: 12 Sep 2018 04:39

Instrument :
MSVOA_W
ClientSampled :
PL-05-090718-E

Tot Ion	95	Resp	91561
Ion Ratio	100		
Lower			
Upper			
174	87.0	0.0	174.6
176	83.5	0.0	167.6

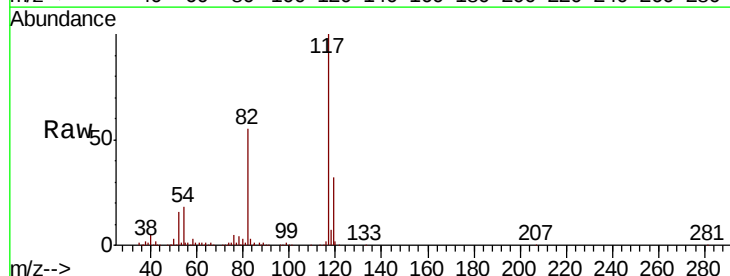


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

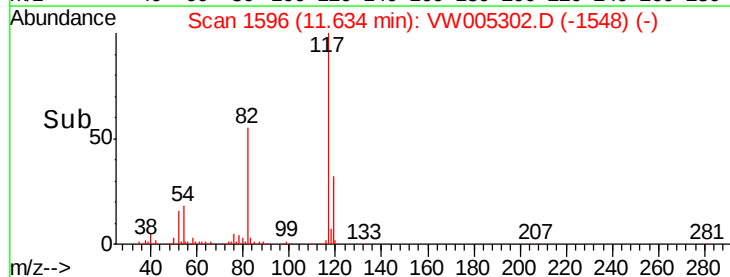
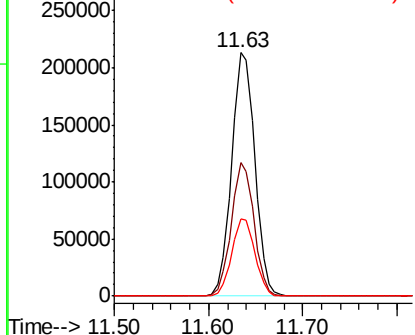


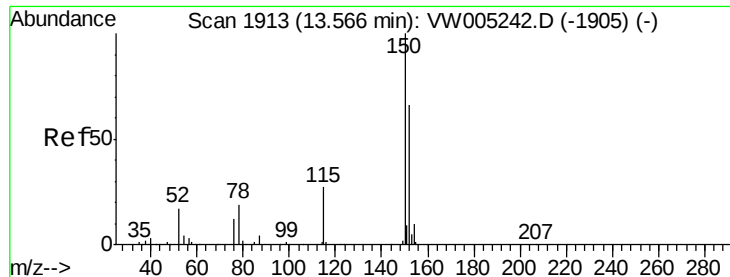
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005302.D
Acq: 12 Sep 2018 04:39

Tgt Ion	117	Resp	364620
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
82	54.6	42.6	63.8
119	31.9	26.2	39.4



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: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005302.D

Acq: 12 Sep 2018 04:39

Instrument :

MSVOA_W

ClientSampleId :

PL-05-090718-E

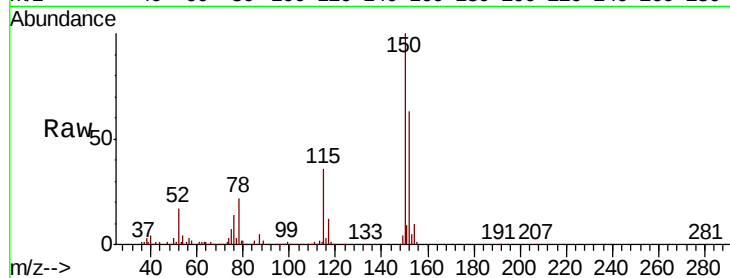
Tot Ion:152 Resp: 76969

Ion Ratio Lower Upper

152 100

115 54.7 27.5 82.4

150 155.3 0.0 347.4



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

