

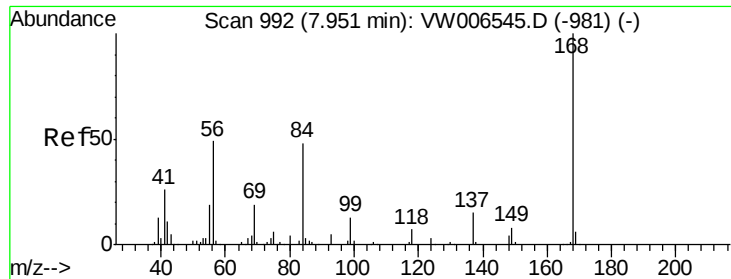
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006688.D
 Acq On : 06 Nov 2018 16:07
 Operator : SY/AP
 Sample : J5769-06
 Misc : 5.58G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-3

Quant Time: Nov 06 16:37:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	161753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	223344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65262	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
35) Dibromofluoromethane	7.88	113	68264	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.33	98	222542	41.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.42%	
62) 4-Bromofluorobenzene	12.62	95	46022	23.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.58%	
Target Compounds						
8) Diethyl Ether	3.68	74	1256	1.796	ug/l	89
16) Acetone	4.12	43	867	3.862	ug/l	89
20) Methylene Chloride	4.92	84	7527	Below Cal		94
31) Cyclohexane	7.96	56	2767	1.249	ug/l #	26
36) 1,1-Dichloropropene	7.95	75	10346	5.268	ug/l #	48
38) Carbon Tetrachloride	7.95	117	13714	6.682	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	896	1.284	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	22801	65.893	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22801	164.224	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

Instrument :

MSVOA_W

ClientSampleId :

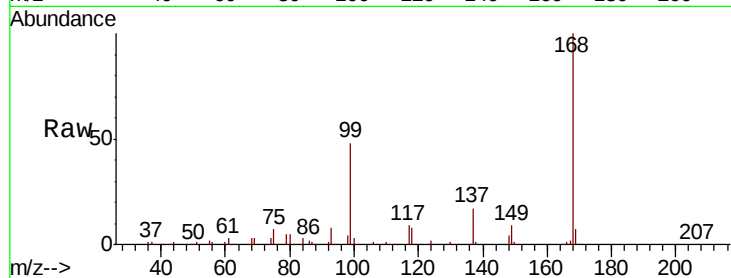
WAGARAW-RD-3

Tot Ion:168 Resp: 161753

Ion Ratio Lower Upper

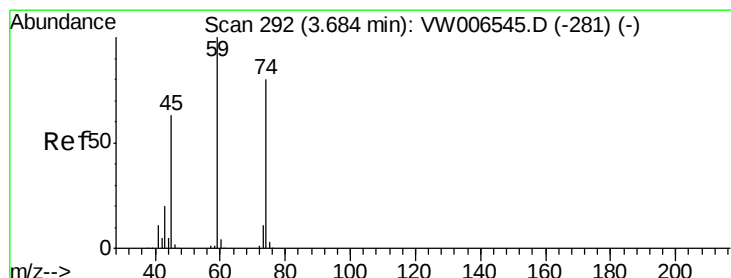
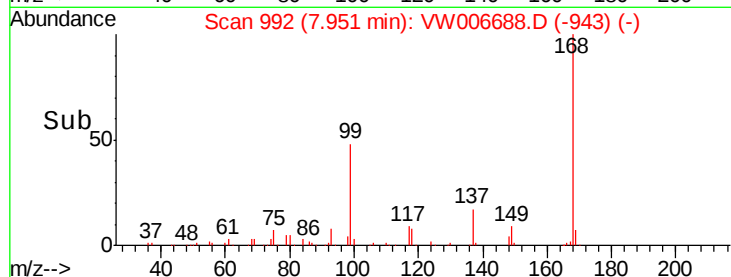
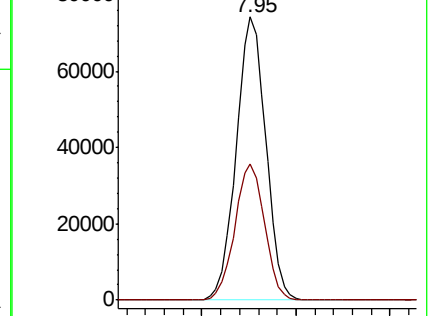
168 100

99 48.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.796 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006688.D

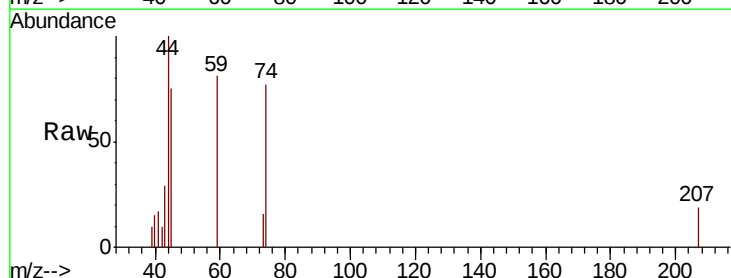
Acq: 06 Nov 2018 16:07

Tgt Ion: 74 Resp: 1256

Ion Ratio Lower Upper

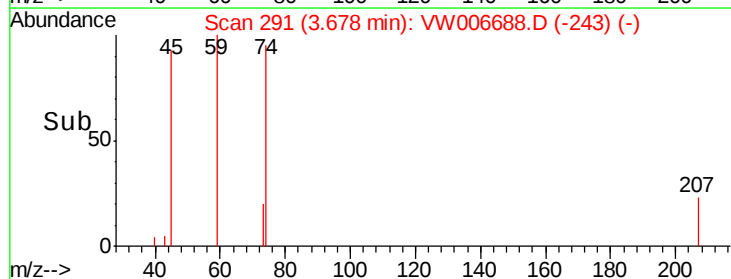
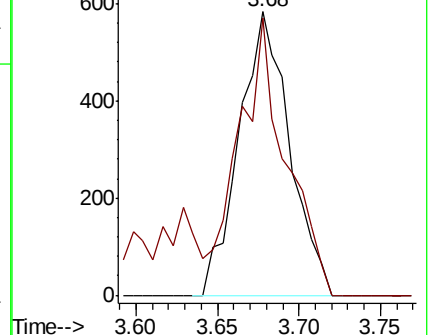
74 100

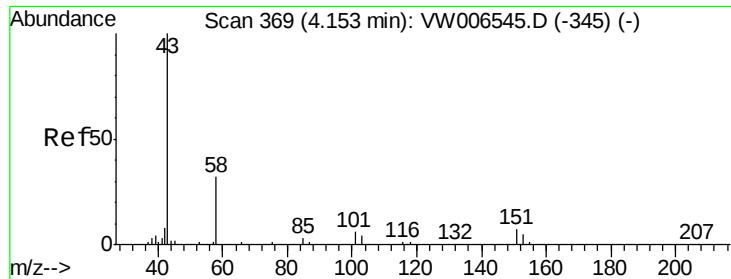
45 92.0 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

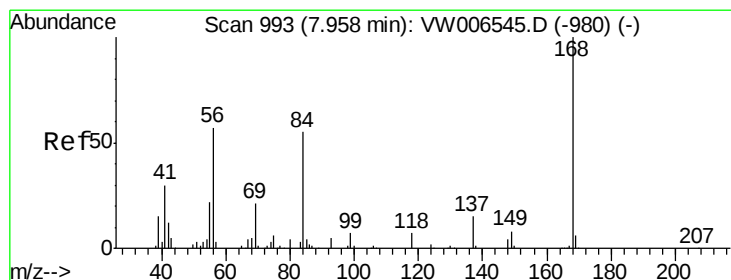
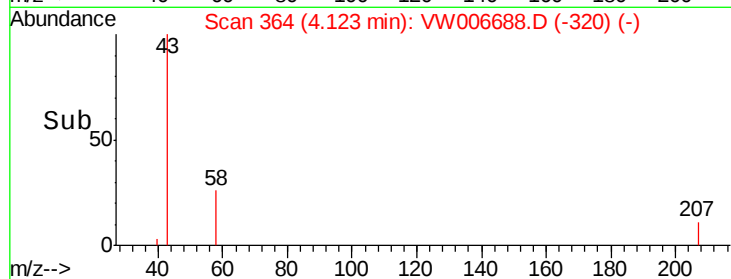
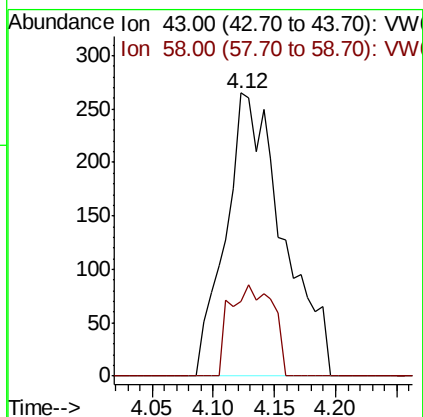
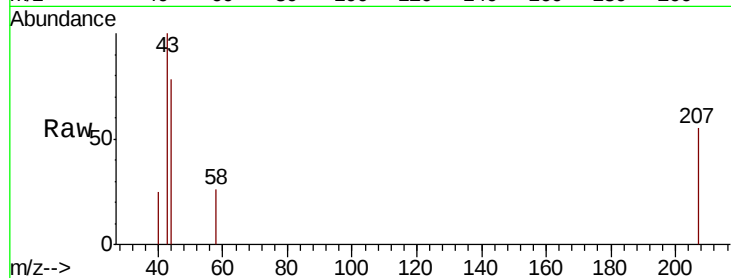




#16
Acetone
Concen: 3.862 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006688.D
Acq: 06 Nov 2018 16:07

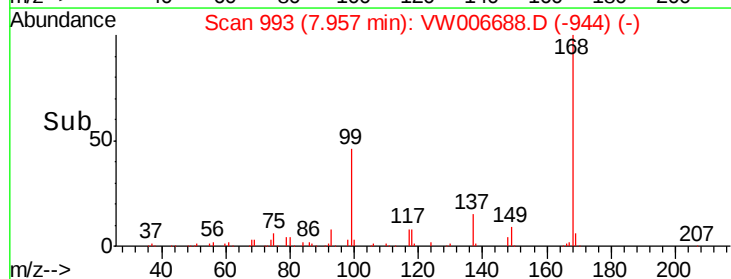
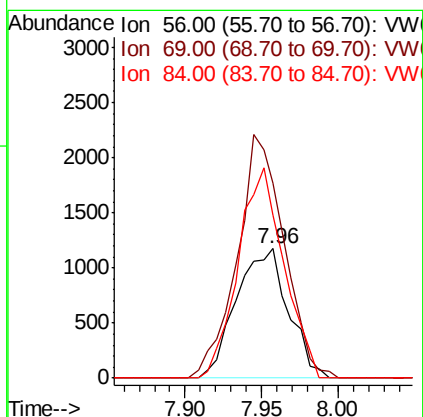
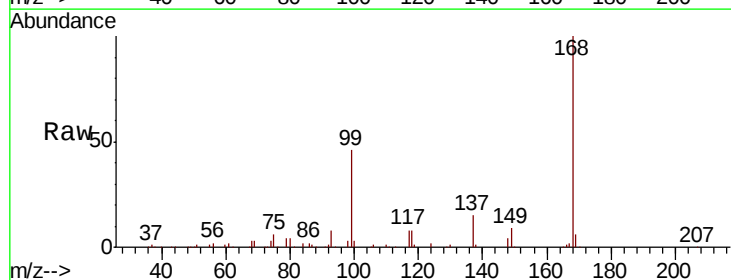
Instrument :
MSVOA_W
ClientSampleId :
WAGARAW-RD-3

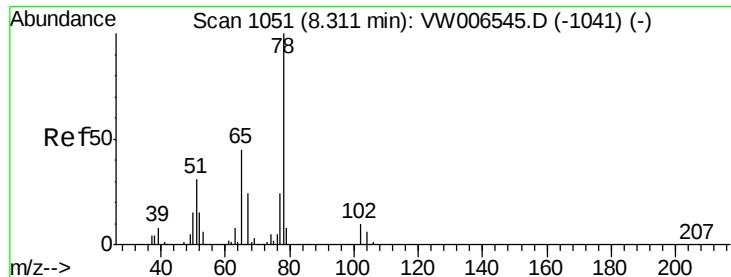
Tot Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
58 26.4 25.8 38.8



#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006688.D
Acq: 06 Nov 2018 16:07

Tgt Ion: 56 Resp: 2767
Ion Ratio Lower Upper
56 100
69 150.7 29.0 43.4#
84 125.9 77.8 116.6#

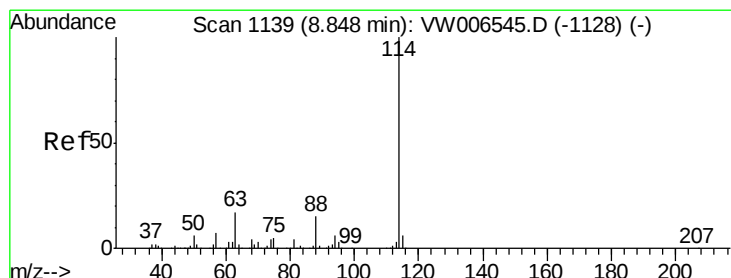
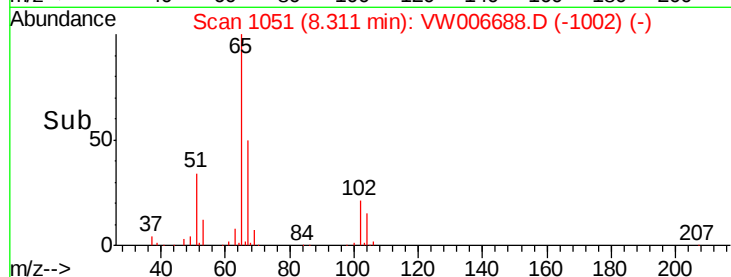
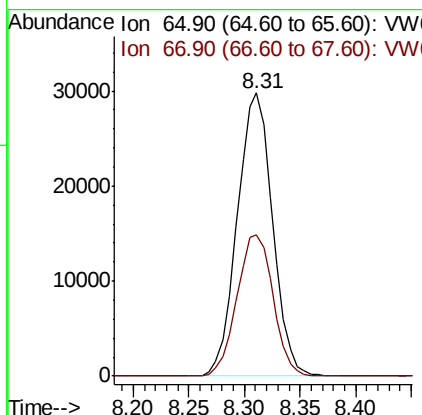
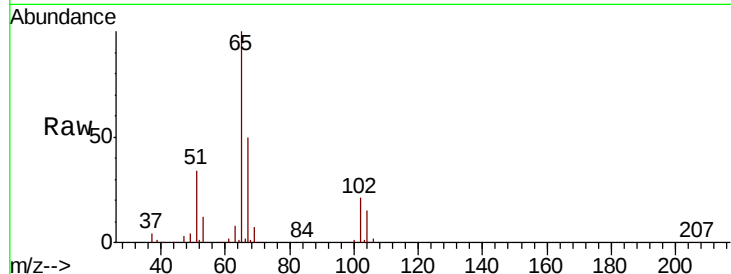




#33
 1,2-Dichloroethane-d4
 Concen: 46.937 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006688.D
 Acq: 06 Nov 2018 16:07

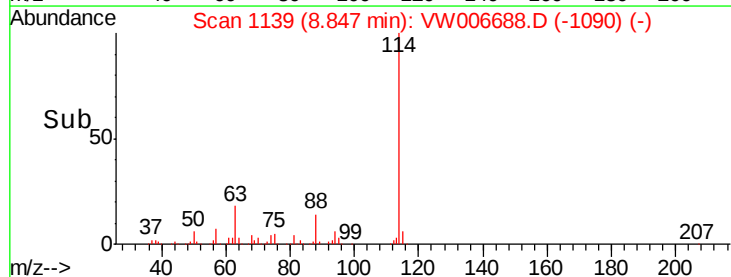
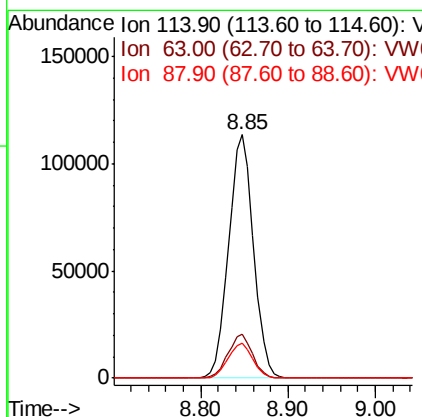
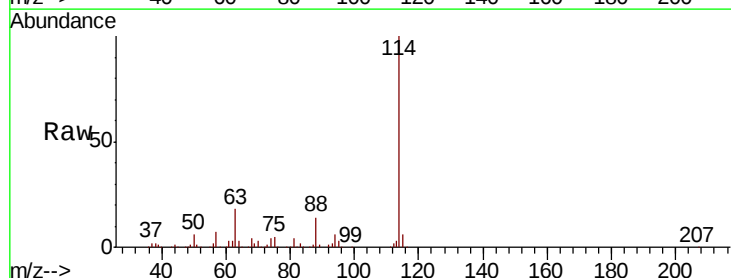
Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-3

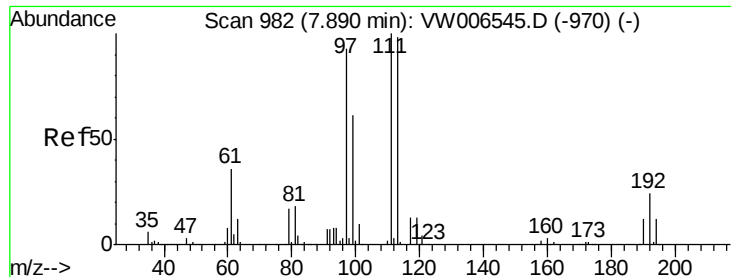
Tot Ion: 65 Resp: 65262
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006688.D
 Acq: 06 Nov 2018 16:07

Tgt Ion: 114 Resp: 223344
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.4
 88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.702 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

Instrument :

MSVOA_W

ClientSampleId :

WAGARAW-RD-3

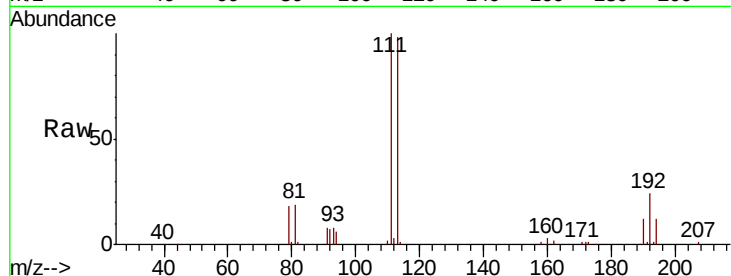
Tot Ion:113 Resp: 68264

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

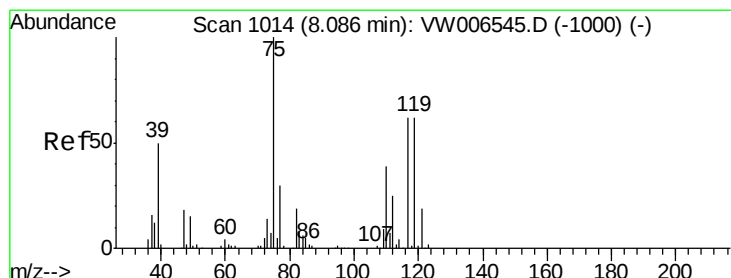
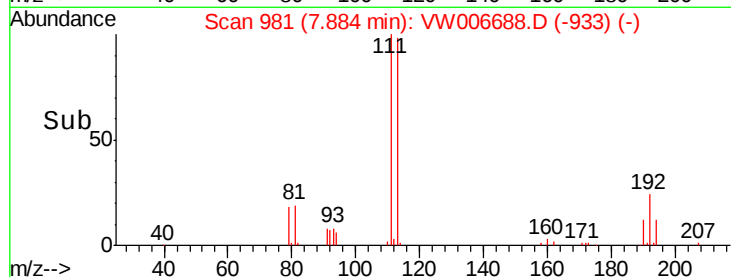
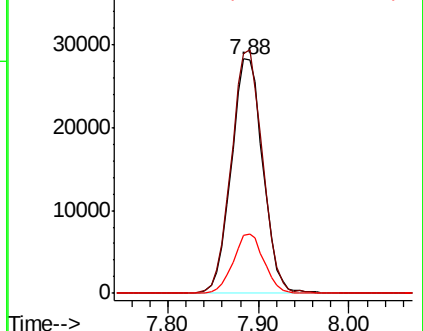
192 24.5 19.0 28.6



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



#36

1,1-Dichloropropene

Concen: 5.268 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

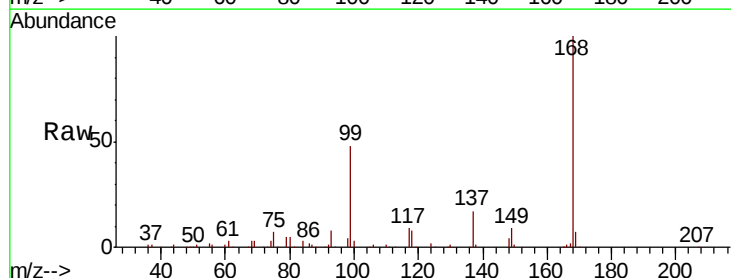
Tgt Ion: 75 Resp: 10346

Ion Ratio Lower Upper

75 100

110 9.2 19.5 58.5#

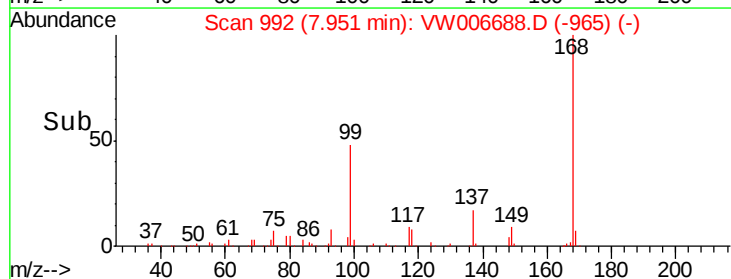
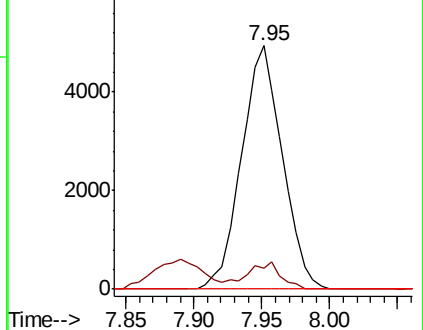
77 0.0 24.6 37.0#

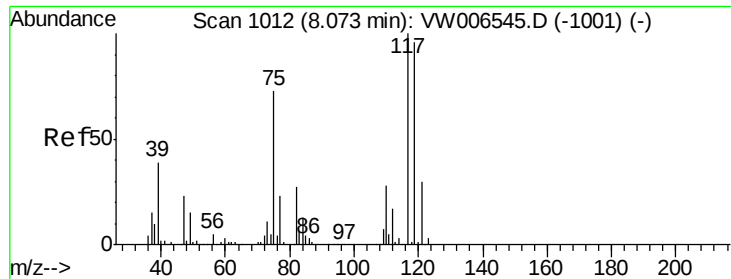


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.682 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

Instrument :

MSVOA_W

ClientSampleId :

WAGARAW-RD-3

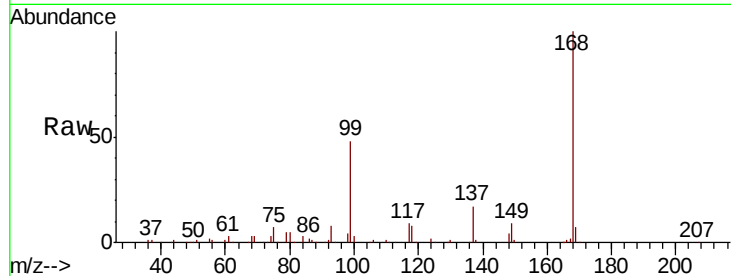
Tot Ion:117 Resp: 13714

Ion Ratio Lower Upper

117 100

119 5.4 76.3 114.5#

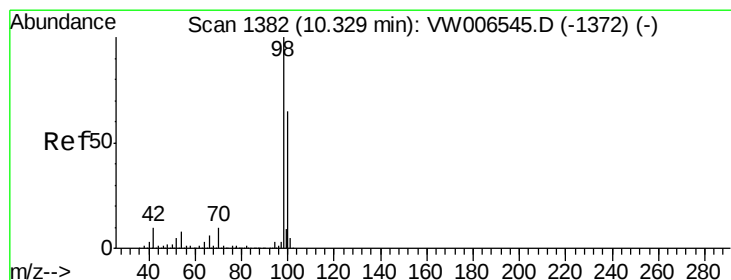
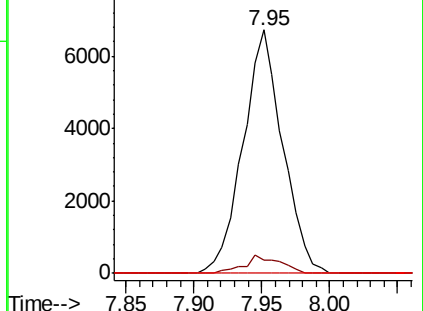
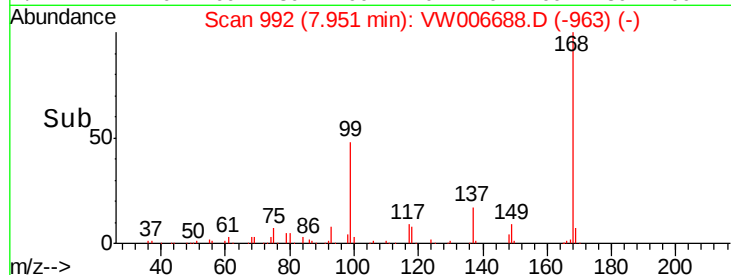
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 41.707 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006688.D

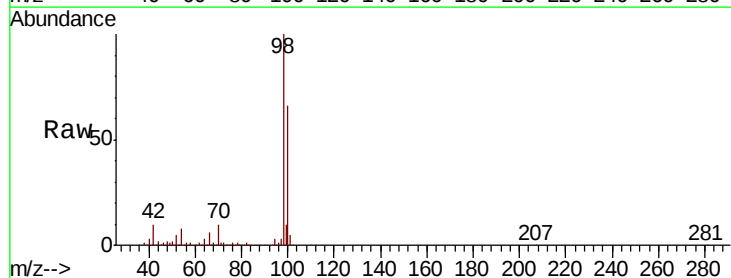
Acq: 06 Nov 2018 16:07

Tgt Ion: 98 Resp: 222542

Ion Ratio Lower Upper

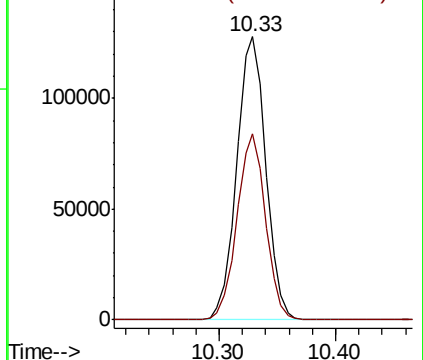
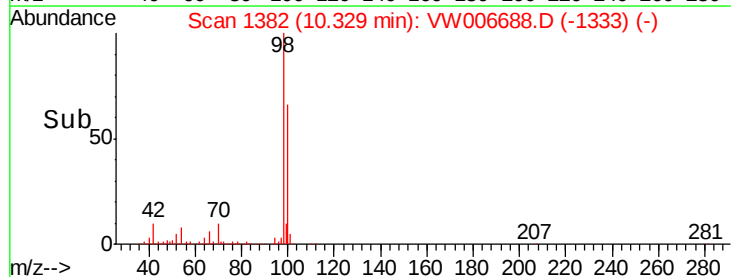
98 100

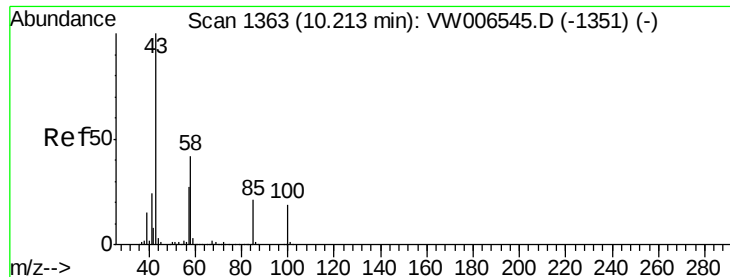
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

150000 Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.284 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

Instrument :

MSVOA_W

ClientSampleId :

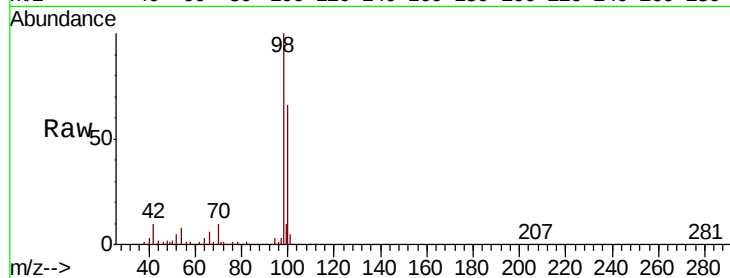
WAGARAW-RD-3

Tot Ion: 43 Resp: 896

Ion Ratio Lower Upper

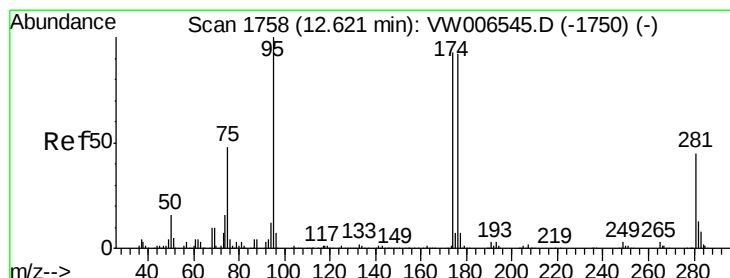
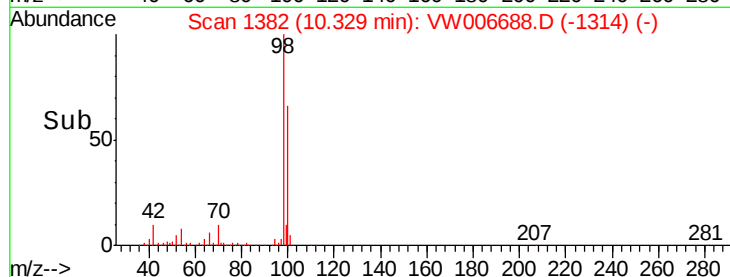
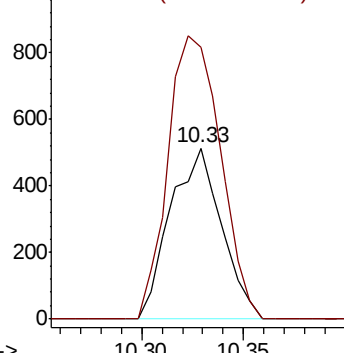
43 100

58 170.0 33.4 50.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 23.791 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

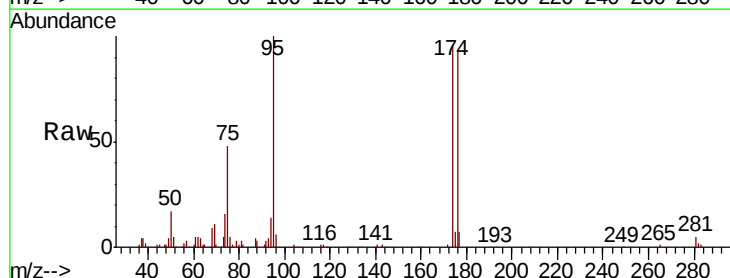
Tgt Ion: 95 Resp: 46022

Ion Ratio Lower Upper

95 100

174 102.4 0.0 192.4

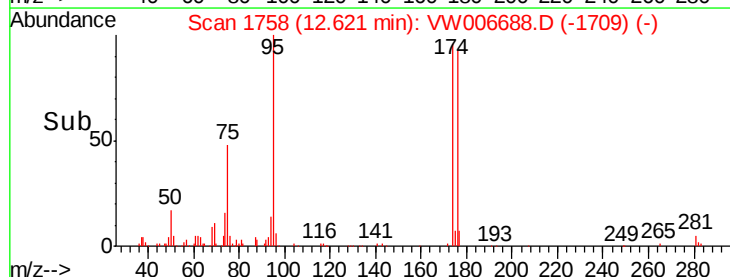
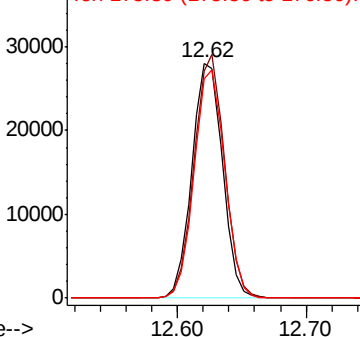
176 97.1 0.0 187.4

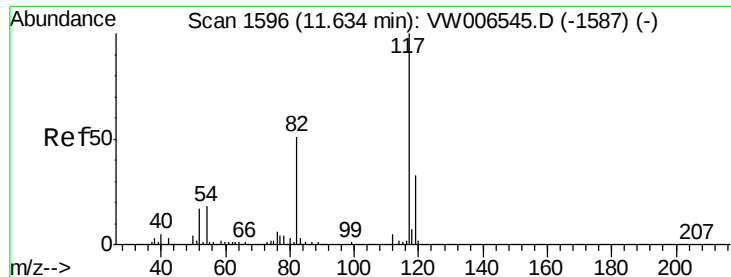


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

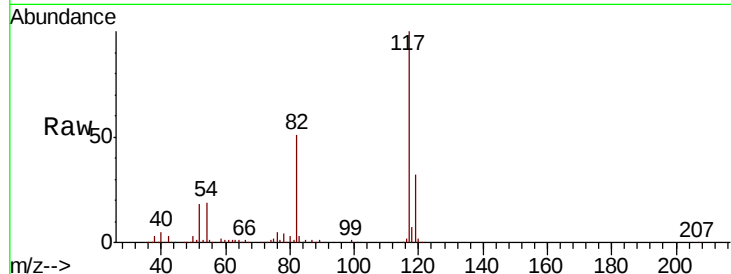




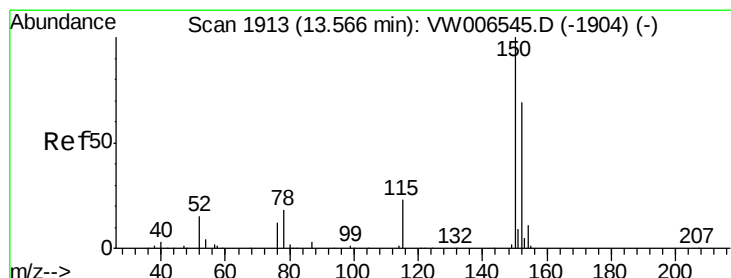
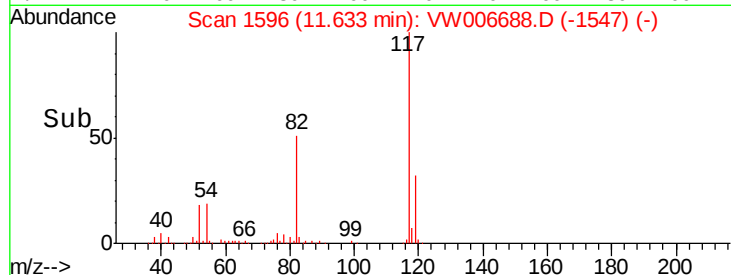
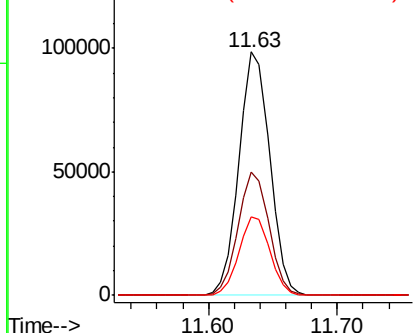
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006688.D
Acq: 06 Nov 2018 16:07

Instrument :
MSVOA_W
ClientSampleId :
WAGARAW-RD-3

Tot Ion:117 Resp: 163673
Ion Ratio Lower Upper
117 100
82 50.9 40.8 61.2
119 32.1 26.1 39.1

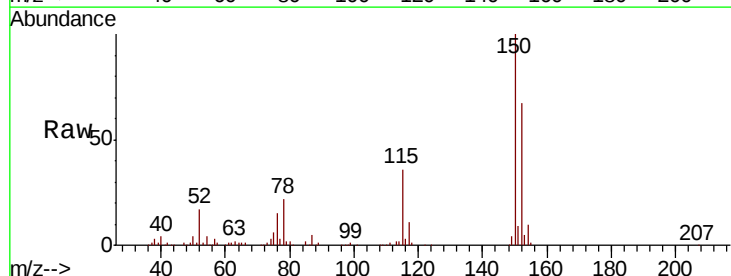


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

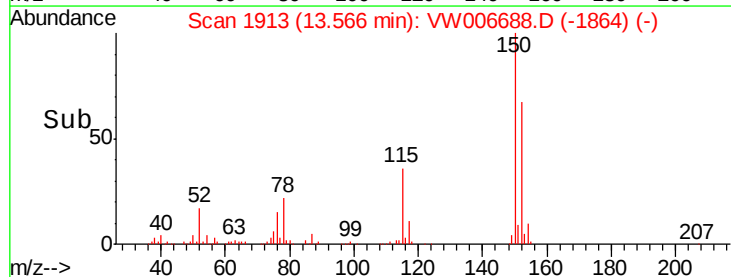
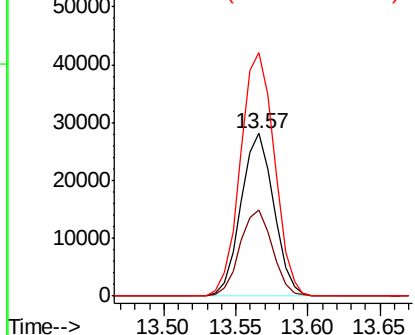


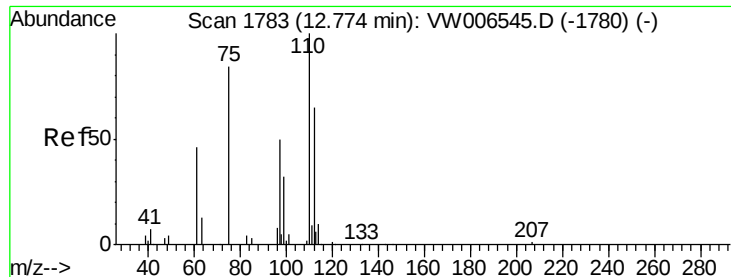
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006688.D
Acq: 06 Nov 2018 16:07

Tgt Ion:152 Resp: 44350
Ion Ratio Lower Upper
152 100
115 53.2 26.6 79.8
150 155.3 0.0 344.6



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





#76

1,2,3-Trichloropropane

Concen: 65.893 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

Instrument :

MSVOA_W

ClientSampleId :

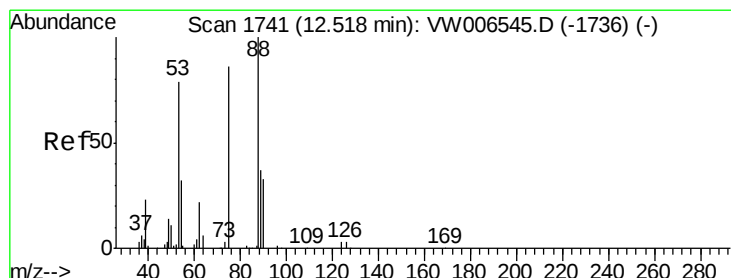
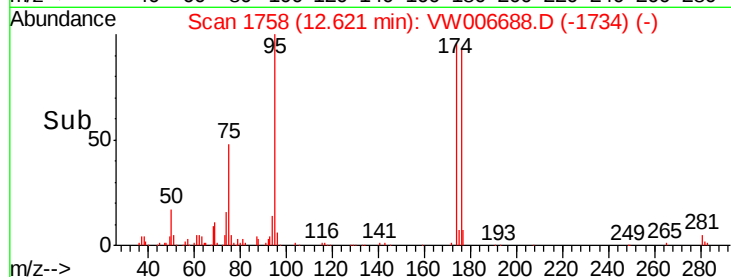
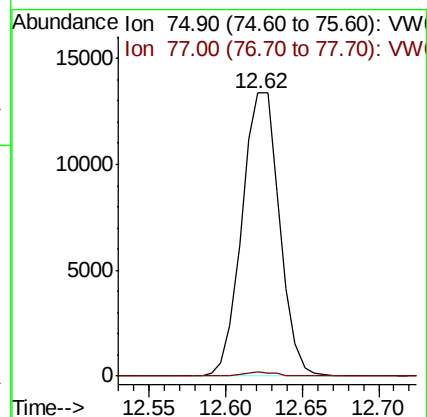
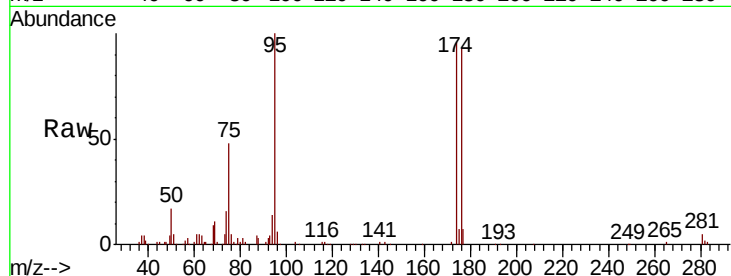
WAGARAW-RD-3

Tot Ion: 75 Resp: 22801

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 164.224 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006688.D

Acq: 06 Nov 2018 16:07

Tgt Ion: 75 Resp: 22801

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

