

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006687.D
 Acq On : 06 Nov 2018 15:41
 Operator : SY/AP
 Sample : J5769-04
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-2

Quant Time: Nov 06 16:37:20 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	267570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	391647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109461	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	110350	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
35) Dibromofluoromethane	7.89	113	114271	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
50) Toluene-d8	10.33	98	397408	42.47	ug/l	0.00
Spiked Amount			Recovery	=	84.94%	
62) 4-Bromofluorobenzene	12.62	95	106528	31.40	ug/l	0.00
Spiked Amount			Recovery	=	62.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1816	1.570	ug/l	70
16) Acetone	4.15	43	972	2.618	ug/l #	83
20) Methylene Chloride	4.92	84	13885	Below Cal		90
31) Cyclohexane	7.95	56	4367	1.192	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	16443	4.774	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23310	6.477	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1443	1.180	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	51807	60.661	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51807	151.395	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: VW006687.D

Acq: 06 Nov 2018 15:41

Instrument :

MSVOA_W

ClientSampleId :

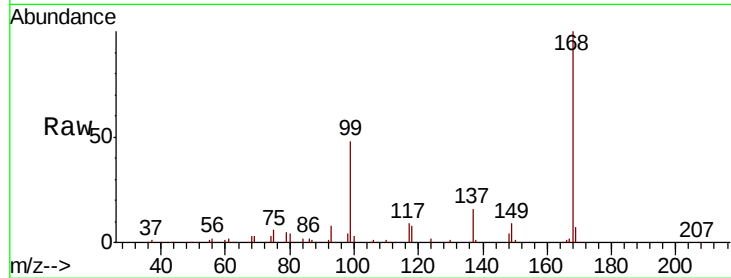
WAGARAW-RD-2

Tot Ion:168 Resp: 267570

Ion Ratio Lower Upper

168 100

99 47.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

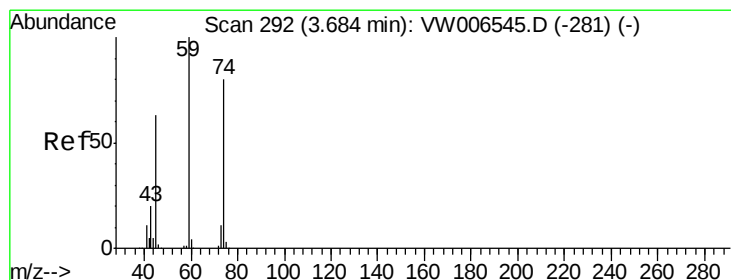
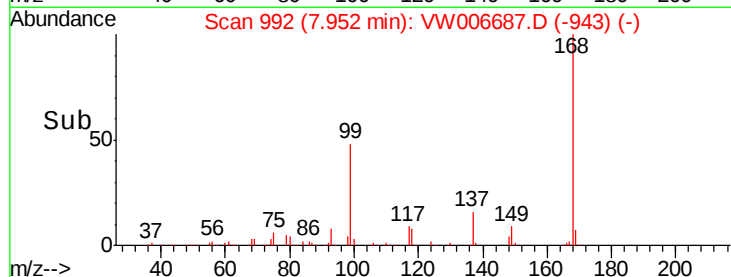
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.570 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006687.D

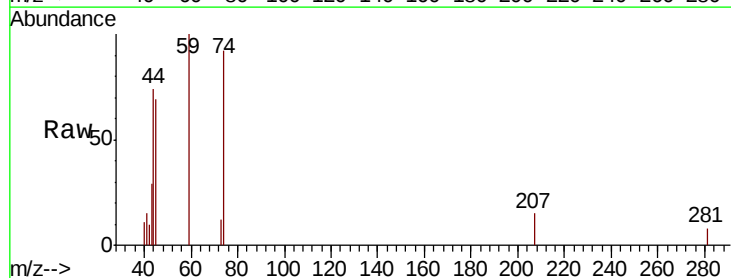
Acq: 06 Nov 2018 15:41

Tgt Ion: 74 Resp: 1816

Ion Ratio Lower Upper

74 100

45 109.0 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

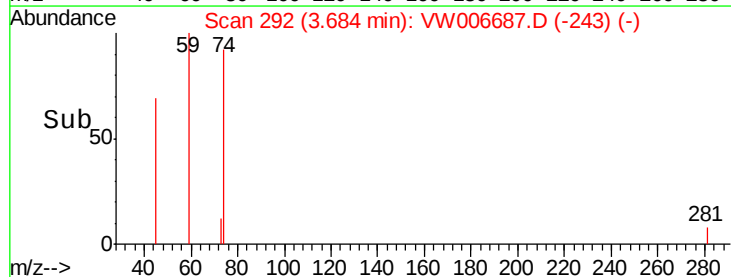
600

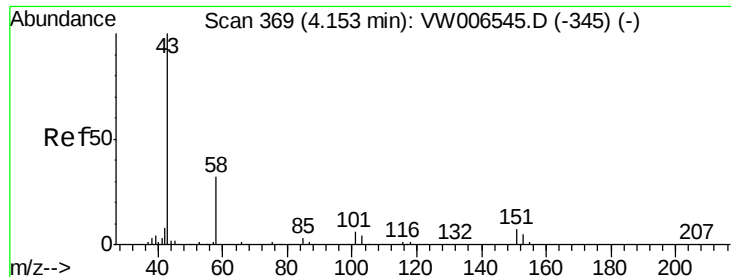
400

200

0

Time--> 3.60 3.65 3.70 3.75

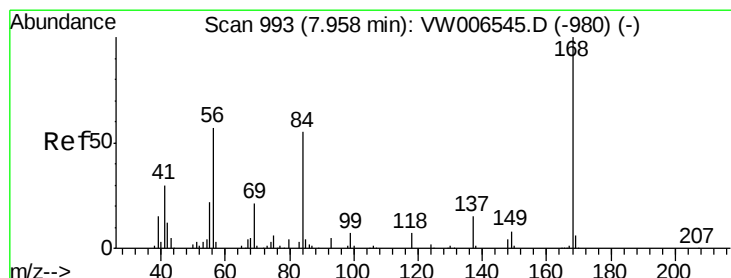
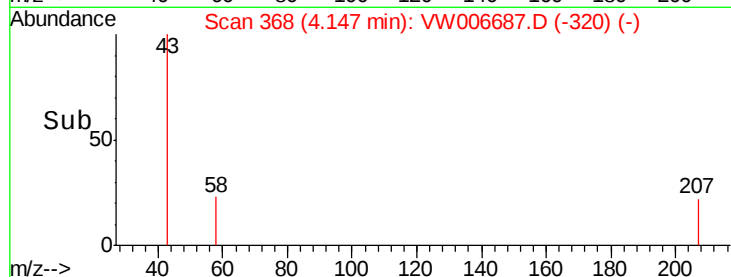
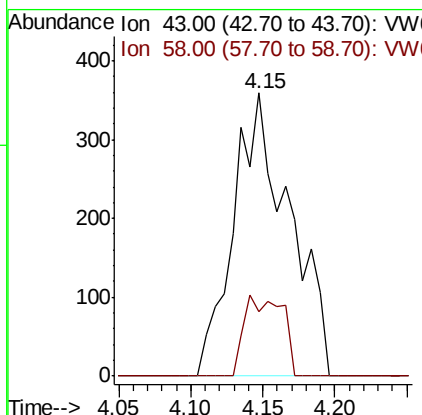
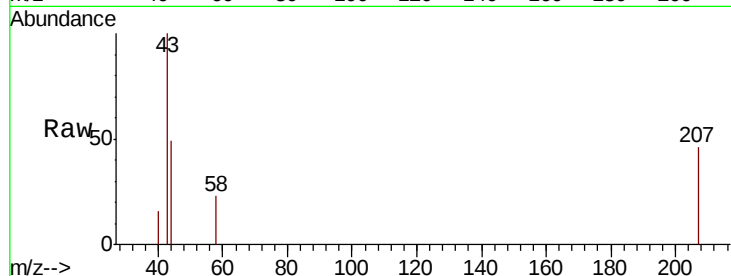




#16
Acetone
Concen: 2.618 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006687.D
Acq: 06 Nov 2018 15:41

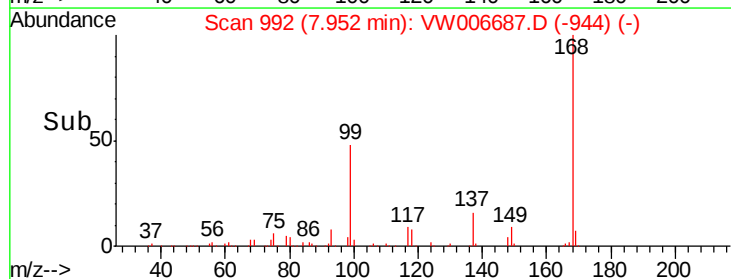
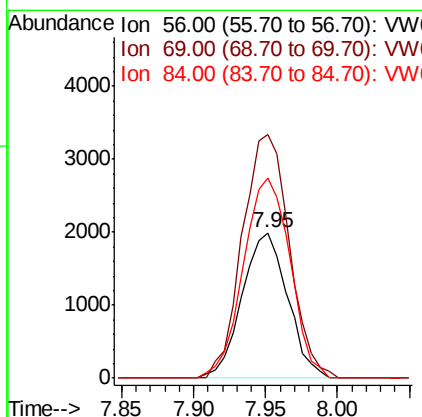
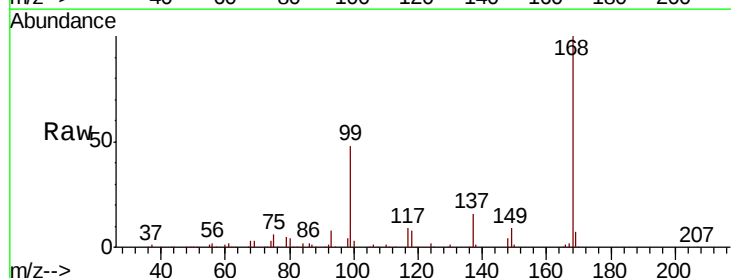
Instrument :
MSVOA_W
ClientSampleId :
WAGARAW-RD-2

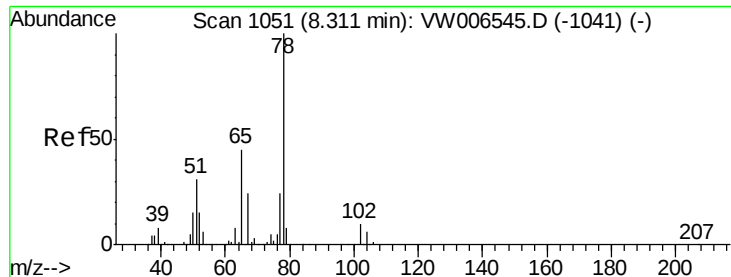
Tot Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
58 22.8 25.8 38.8#



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006687.D
Acq: 06 Nov 2018 15:41

Tgt Ion: 56 Resp: 4367
Ion Ratio Lower Upper
56 100
69 167.3 29.0 43.4#
84 137.3 77.8 116.6#

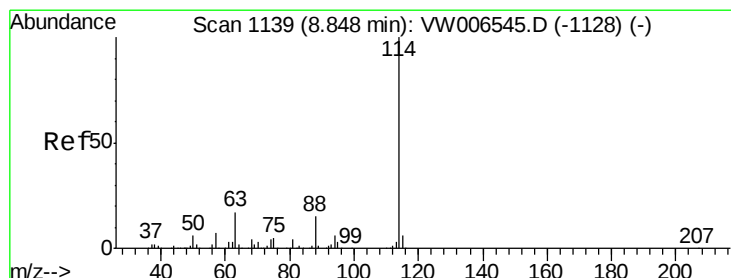
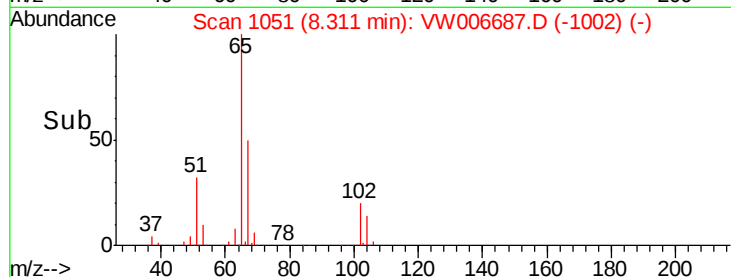
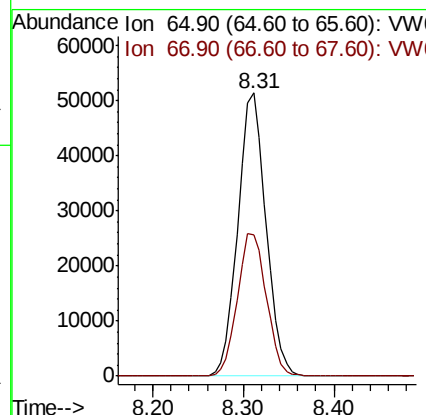
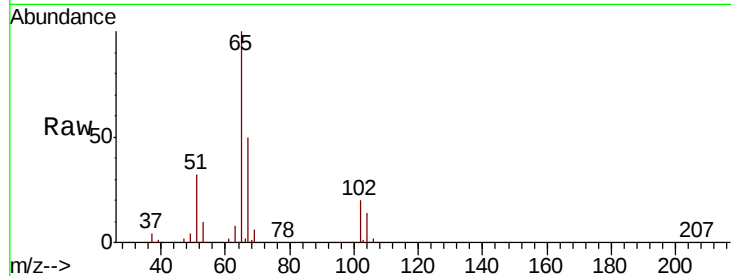




#33
 1,2-Dichloroethane-d4
 Concen: 47.978 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006687.D
 Acq: 06 Nov 2018 15:41

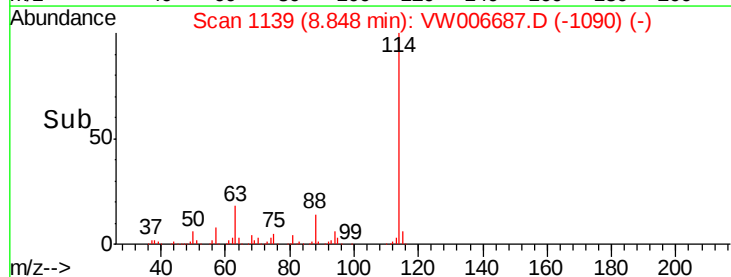
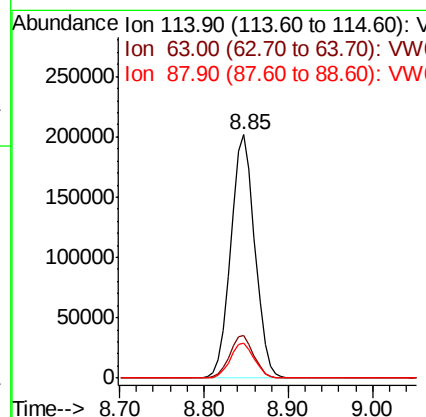
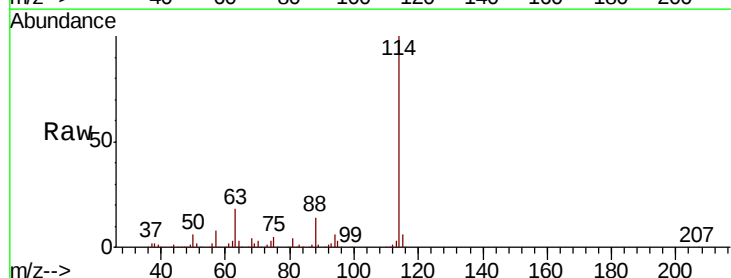
Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-2

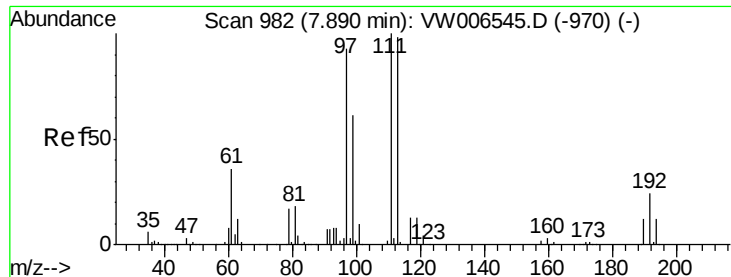
Tot Ion: 65 Resp: 110350
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006687.D
 Acq: 06 Nov 2018 15:41

Tgt Ion: 114 Resp: 391647
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.4
 88 14.3 0.0 29.0

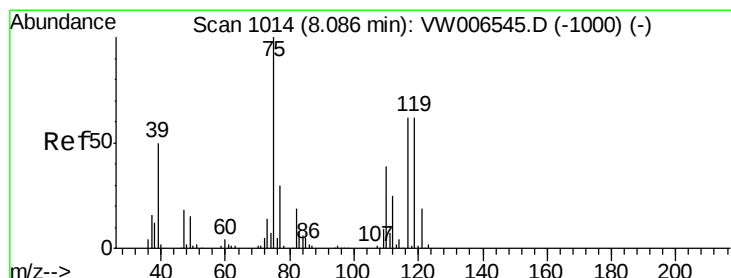
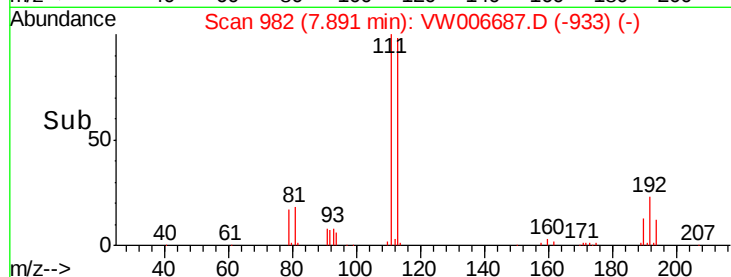
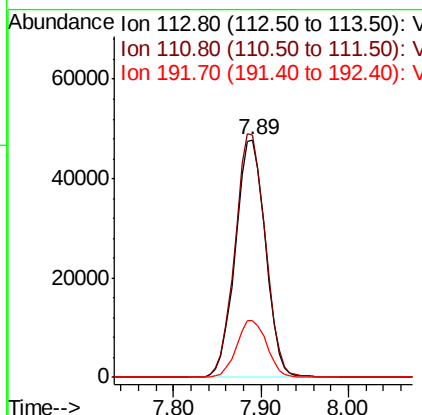
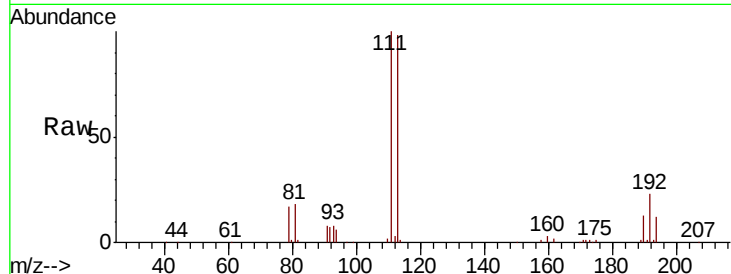




#35
 Dibromofluoromethane
 Concen: 46.491 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006687.D
 Acq: 06 Nov 2018 15:41

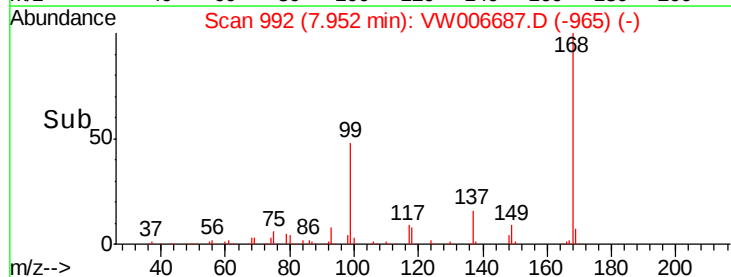
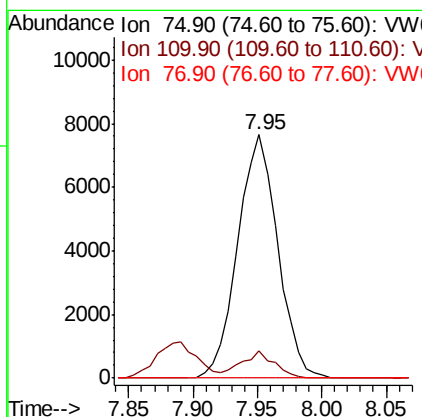
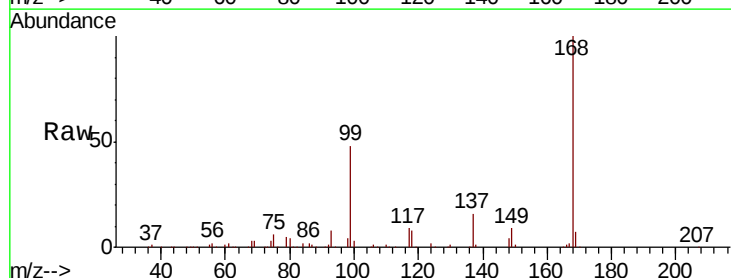
Instrument :
 MSVOA_W
 ClientSampleId :
 WAGARAW-RD-2

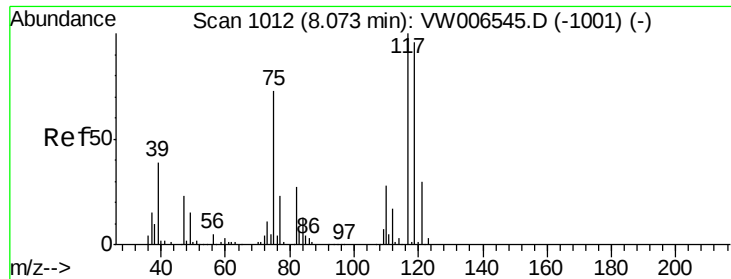
Tot Ion:113 Resp: 114271
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.2
 192 24.0 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.774 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006687.D
 Acq: 06 Nov 2018 15:41

Tgt Ion: 75 Resp: 16443
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.5 58.5#
 77 0.0 24.6 37.0#

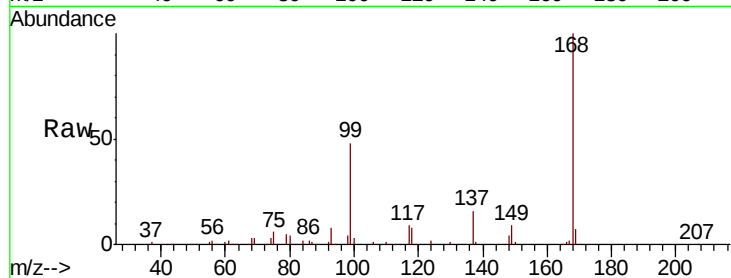




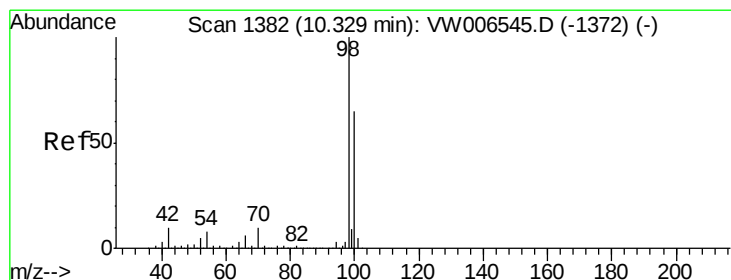
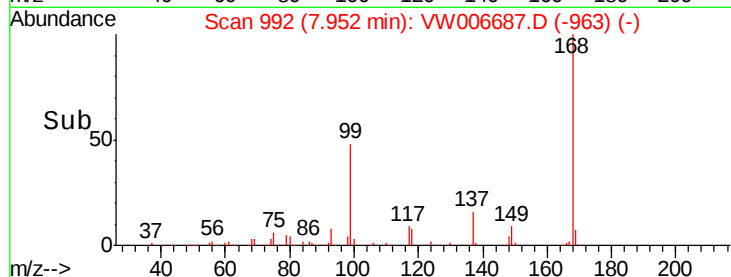
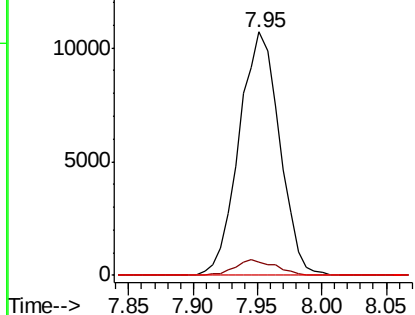
#38
Carbon Tetrachloride
Concen: 6.477 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006687.D
Acq: 06 Nov 2018 15:41

Instrument :
MSVOA_W
ClientSampleId :
WAGARAW-RD-2

Tot Ion:117 Resp: 23310
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 24.1 36.1#

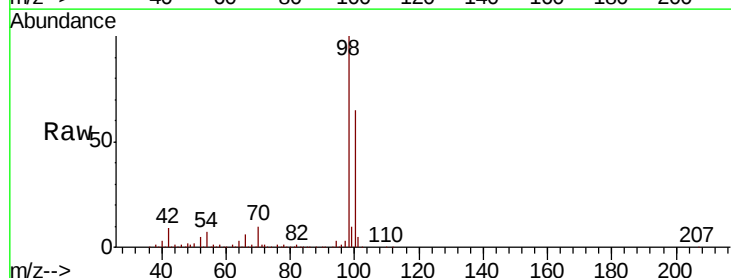


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

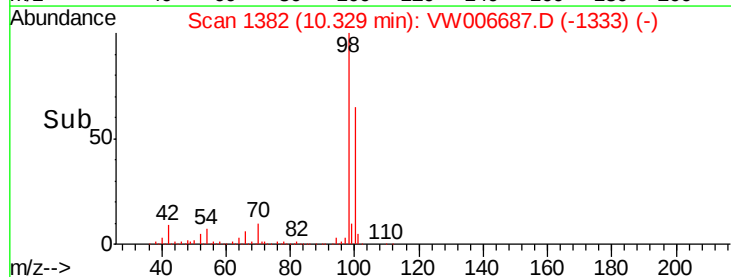
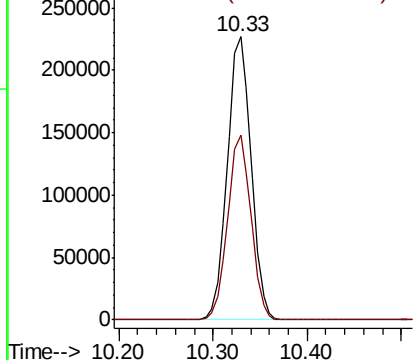


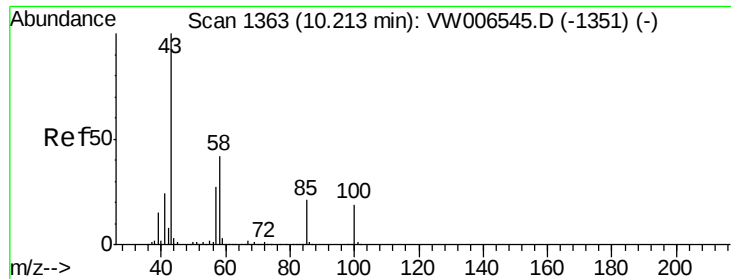
#50
Toluene-d8
Concen: 42.473 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006687.D
Acq: 06 Nov 2018 15:41

Tgt Ion: 98 Resp: 397408
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 1.180 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006687.D

Acq: 06 Nov 2018 15:41

Instrument :

MSVOA_W

ClientSampleId :

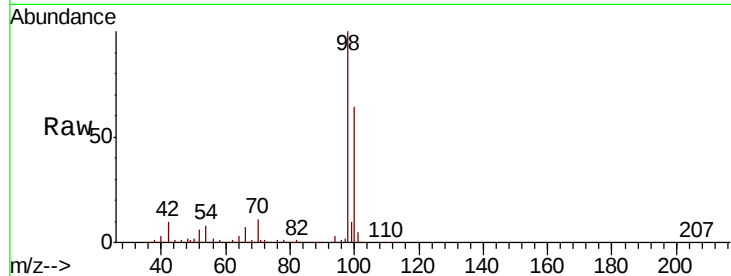
WAGARAW-RD-2

Tot Ion: 43 Resp: 1443

Ion Ratio Lower Upper

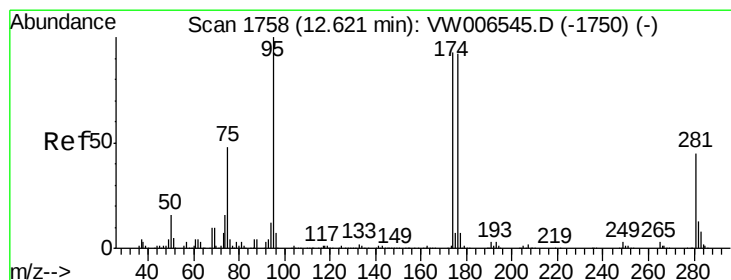
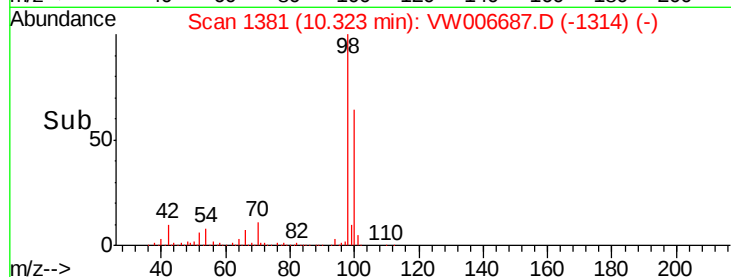
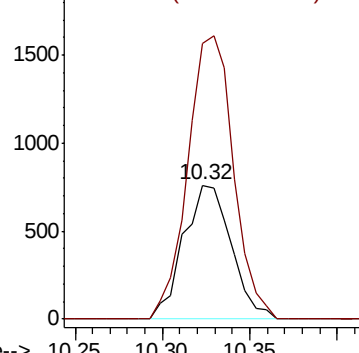
43 100

58 203.5 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: 31.404 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006687.D

Acq: 06 Nov 2018 15:41

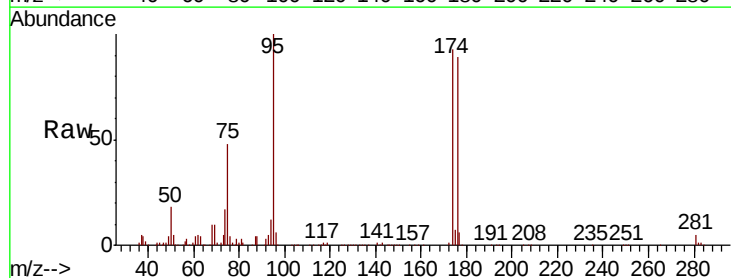
Tgt Ion: 95 Resp: 106528

Ion Ratio Lower Upper

95 100

174 97.5 0.0 192.4

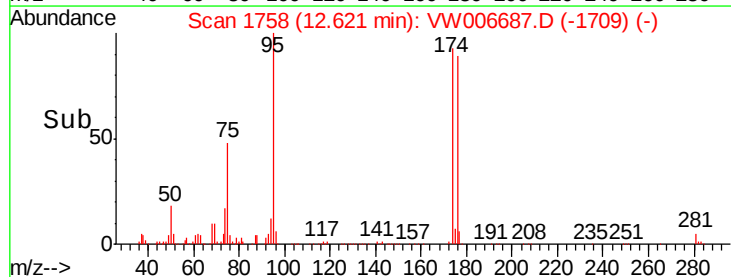
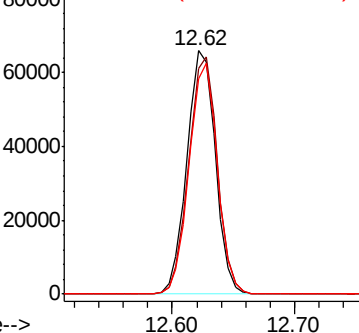
176 94.2 0.0 187.4

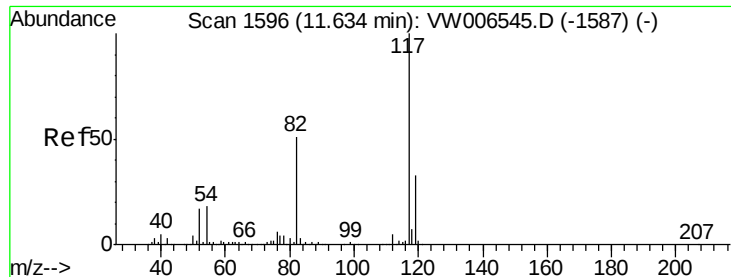


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

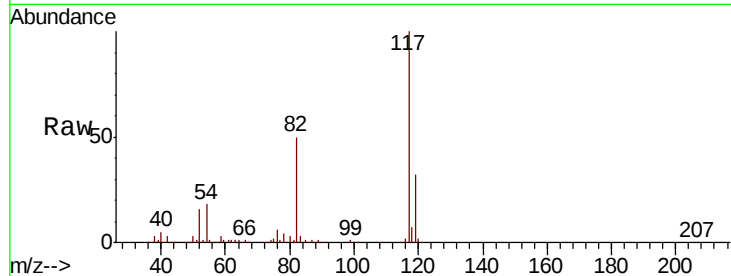




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006687.D
Acq: 06 Nov 2018 15:41

Instrument :
MSVOA_W
ClientSampleId :
WAGARAW-RD-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.8	61.2
119	31.6	26.1	39.1

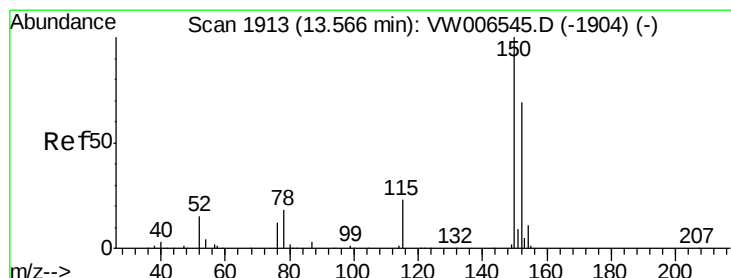
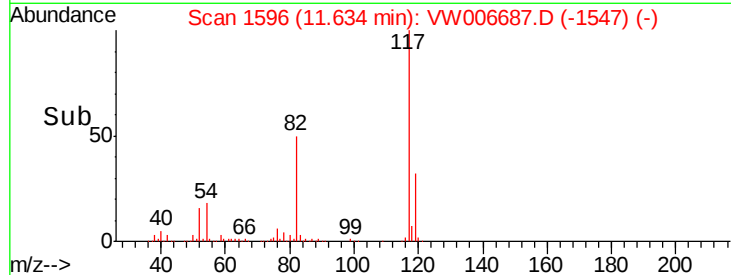
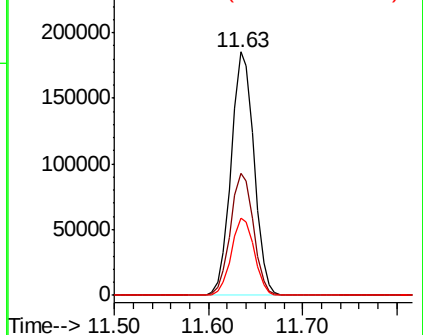


Abundance

Ion 116.90 (116.60 to 117.60): V

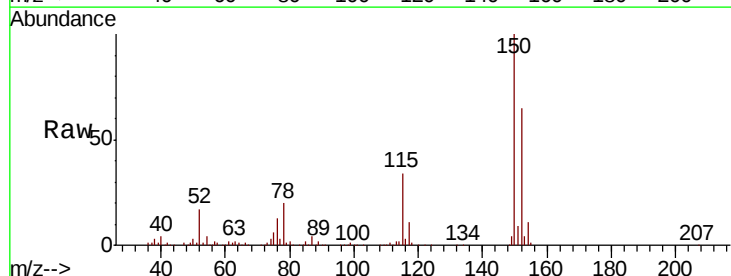
Ion 82.00 (81.70 to 82.70): V

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: VW006687.D
Acq: 06 Nov 2018 15:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.6	79.8
150	154.6	0.0	344.6

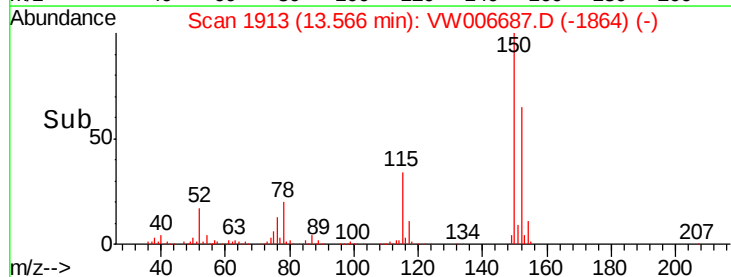
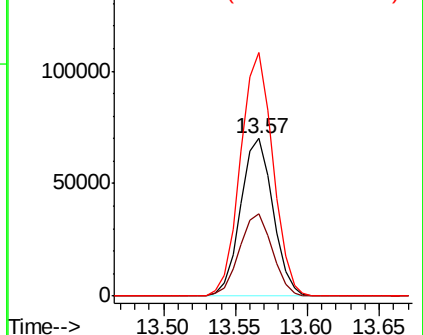


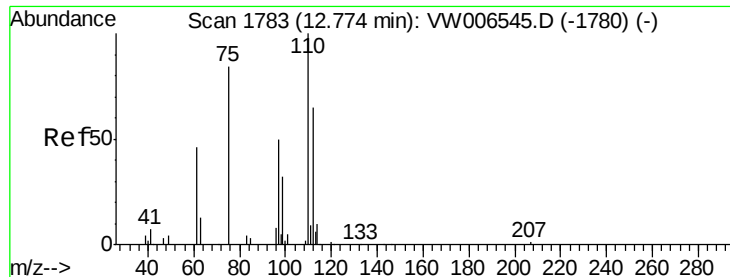
Abundance

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: 60.661 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006687.D

Acq: 06 Nov 2018 15:41

Instrument :

MSVOA_W

ClientSampleId :

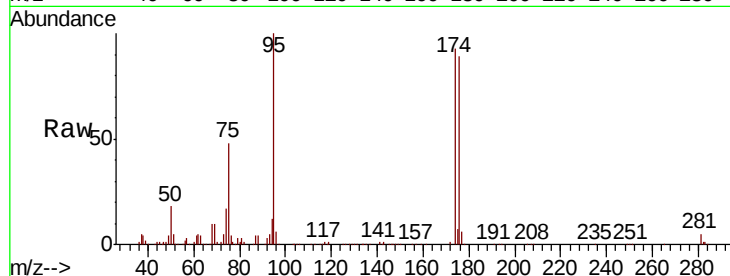
WAGARAW-RD-2

Tot Ion: 75 Resp: 51807

Ion Ratio Lower Upper

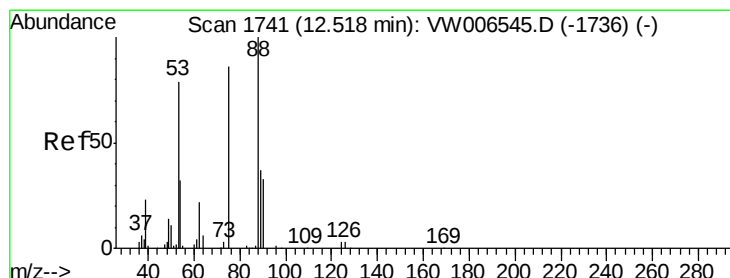
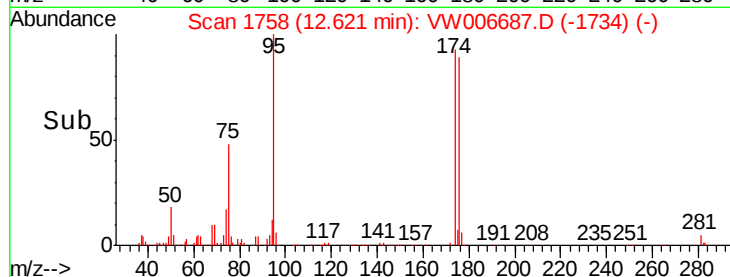
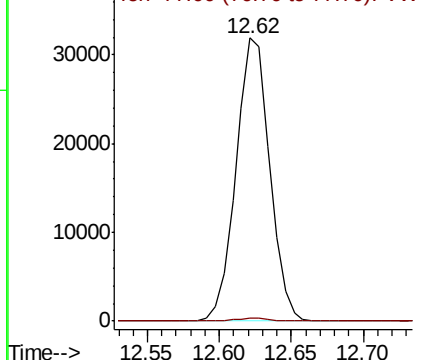
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 151.395 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006687.D

Acq: 06 Nov 2018 15:41

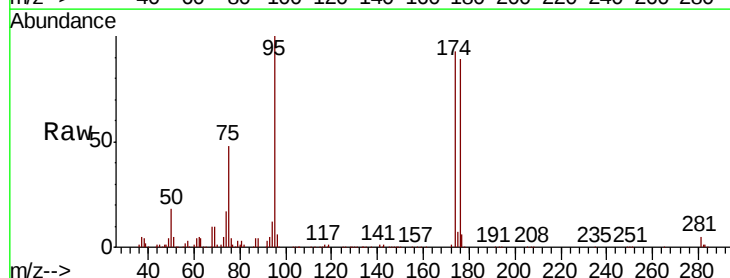
Tgt Ion: 75 Resp: 51807

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

