

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006478.D
 Acq On : 30 Oct 2018 03:35
 Operator : SY/AP
 Sample : J5625-10RE
 Misc : 4.74G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-05RE

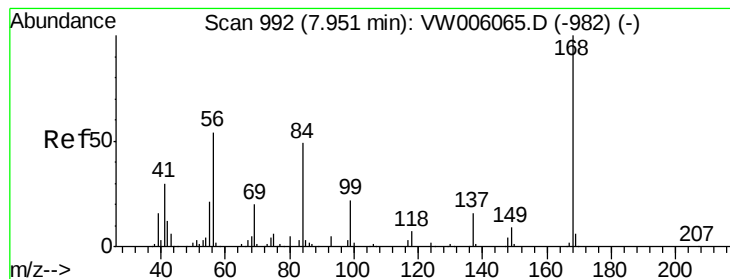
Quant Time: Oct 30 05:41:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	245551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	34049	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	82278	53.18	ug/l	0.00
Spiked Amount			Recovery	=	106.36%	
35) Dibromofluoromethane	7.88	113	82970	57.18	ug/l	0.00
Spiked Amount			Recovery	=	114.36%	
50) Toluene-d8	10.33	98	250135	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
62) 4-Bromofluorobenzene	12.62	95	43576	21.02	ug/l	0.00
Spiked Amount			Recovery	=	42.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1414	1.682	ug/l	76
16) Acetone	4.15	43	422	Below Cal	#	45
31) Cyclohexane	7.95	56	3260	1.151	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	11766	5.199	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16460	6.634	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1031	1.197	ug/l #	1
68) m/p-Xylenes	11.84	106	3017	1.355	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	21872	84.101	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21872	201.035	ug/l #	10

(#) = 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: VW006478.D

Acq: 30 Oct 2018 03:35

Instrument :

MSVOA_W

ClientSampleId :

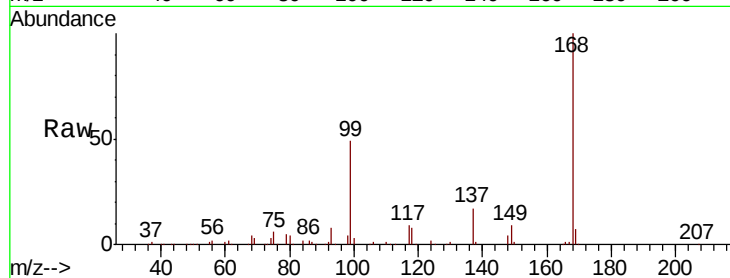
DW-05RE

Tot Ion:168 Resp: 186632

Ion Ratio Lower Upper

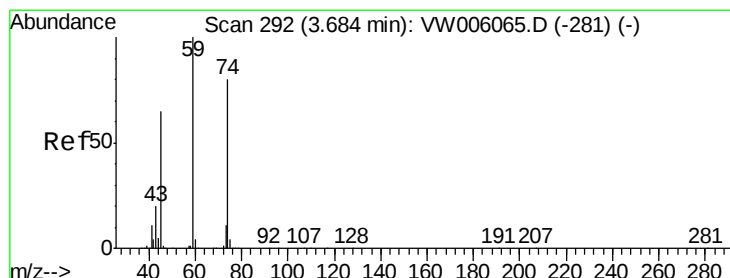
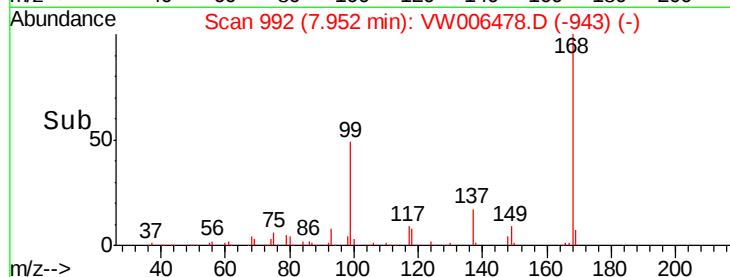
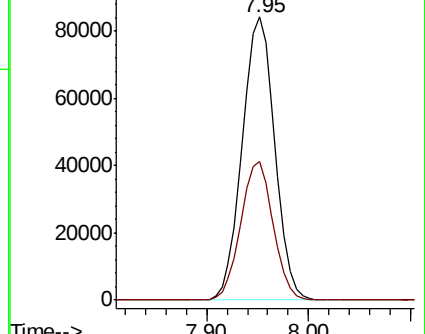
168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.682 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006478.D

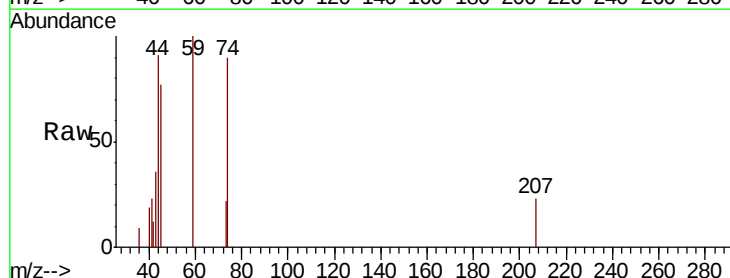
Acq: 30 Oct 2018 03:35

Tgt Ion: 74 Resp: 1414

Ion Ratio Lower Upper

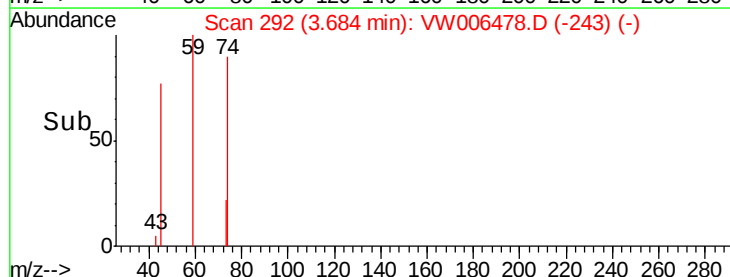
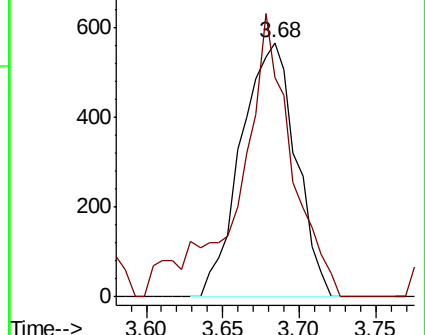
74 100

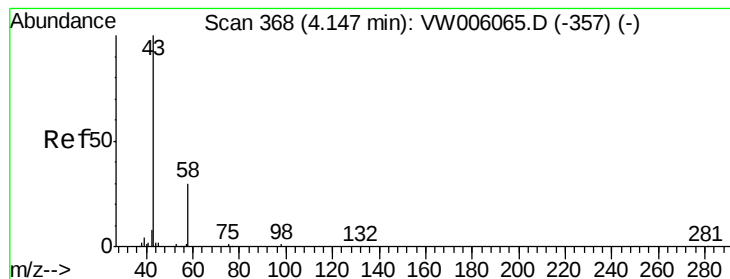
45 107.6 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006478.D

Acq: 30 Oct 2018 03:35

Instrument :

MSVOA_W

ClientSampleId :

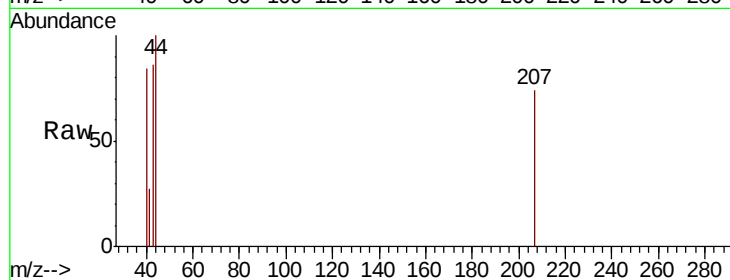
DW-05RE

Tot Ion: 43 Resp: 422

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

200

150

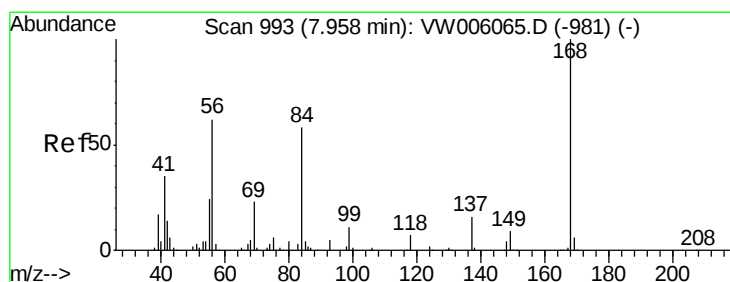
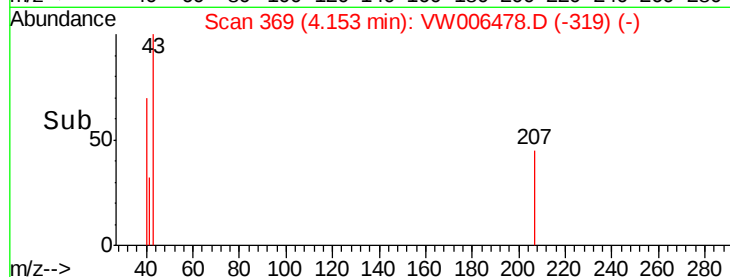
100

50

0

4.10 4.15 4.20

Time-->



#31

Cyclohexane

Concen: 1.151 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006478.D

Acq: 30 Oct 2018 03:35

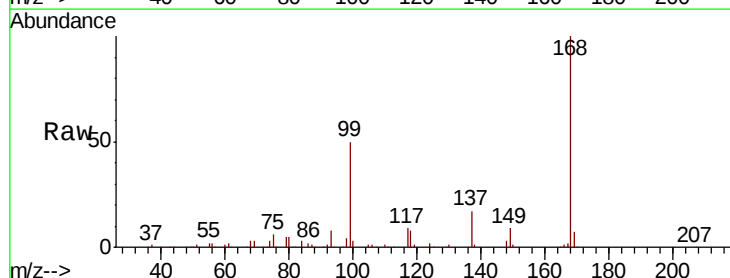
Tgt Ion: 56 Resp: 3260

Ion Ratio Lower Upper

56 100

69 164.8 29.4 44.0#

84 130.8 74.0 111.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

3000

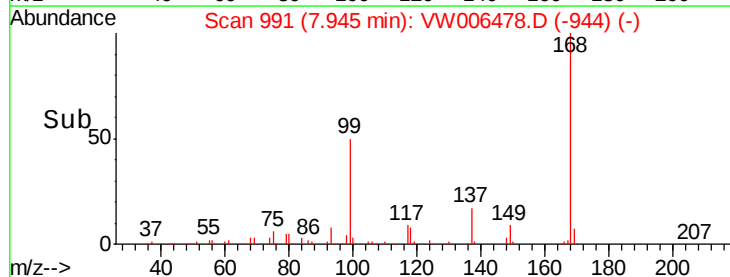
2000

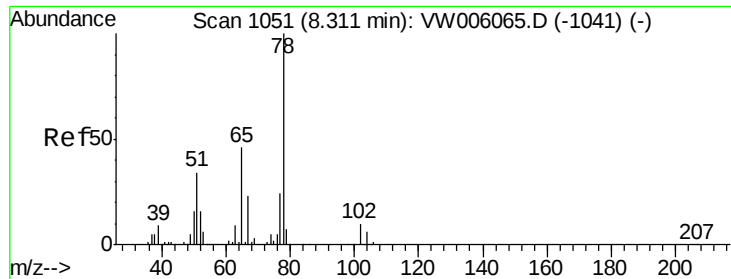
1000

0

7.90 7.95 8.00

Time-->

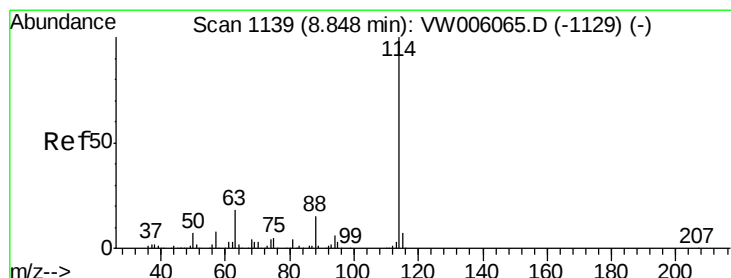
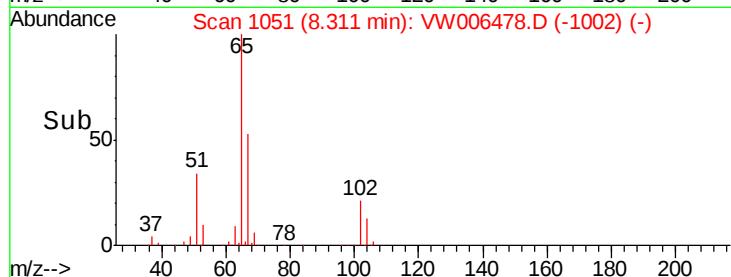
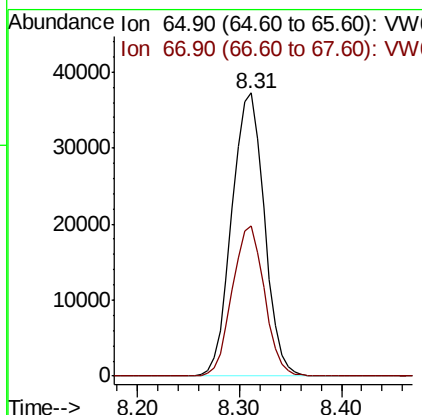
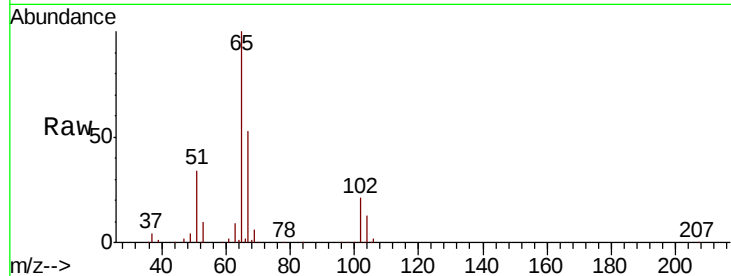




#33
 1,2-Dichloroethane-d4
 Concen: 53.176 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006478.D
 Acq: 30 Oct 2018 03:35

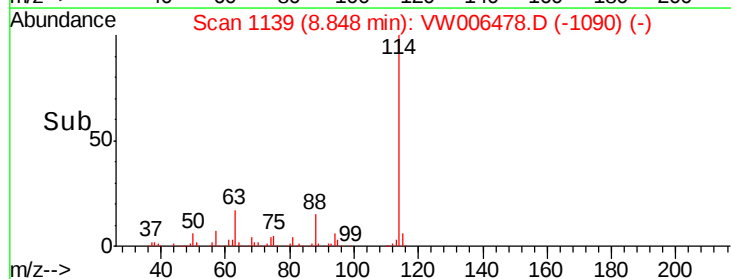
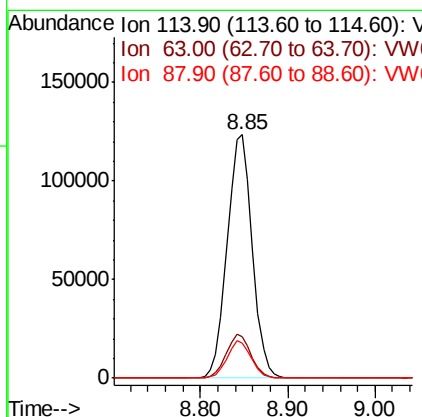
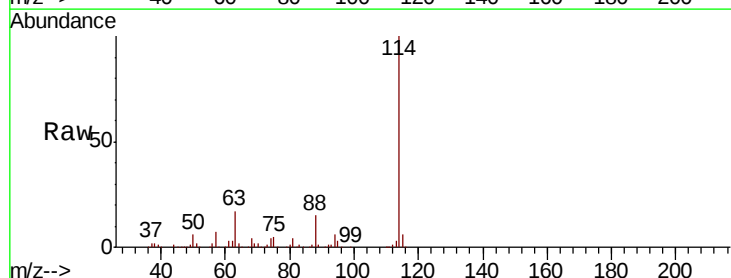
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-05RE

Tot Ion: 65 Resp: 82278
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006478.D
 Acq: 30 Oct 2018 03:35

Tgt Ion: 114 Resp: 245551
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.8
 88 14.6 0.0 29.0

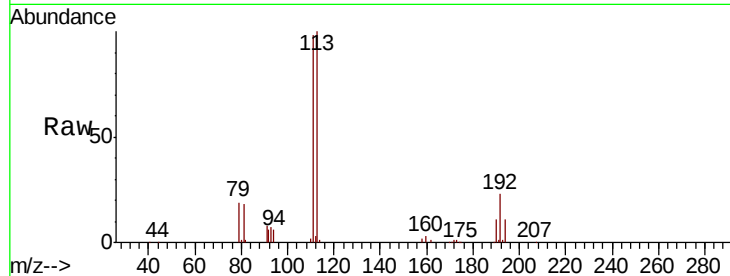




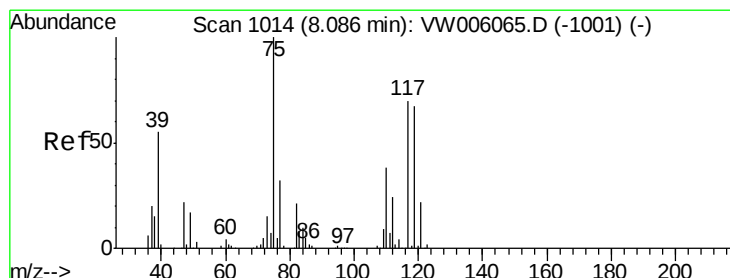
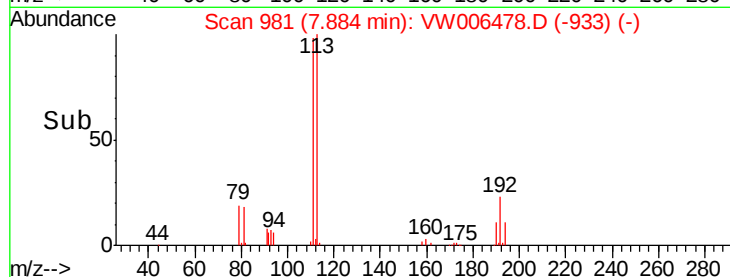
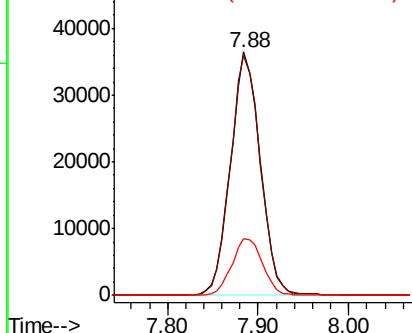
#35
 Dibromofluoromethane
 Concen: 57.183 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006478.D
 Acq: 30 Oct 2018 03:35

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-05RE

Tot Ion:113 Resp: 82970
 Ion Ratio Lower Upper
 113 100
 111 99.9 81.4 122.0
 192 23.8 18.7 28.1

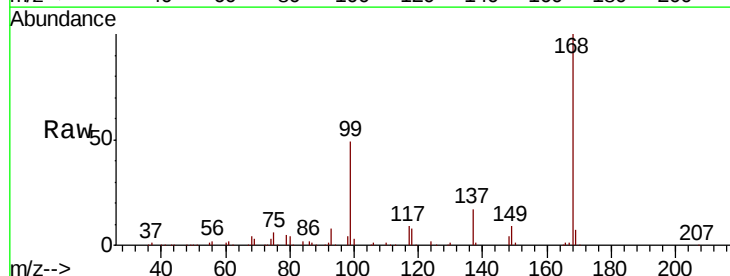


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

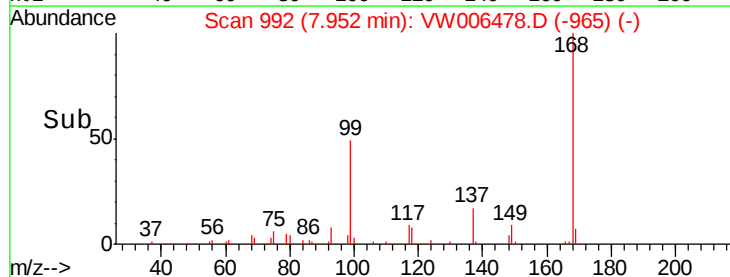
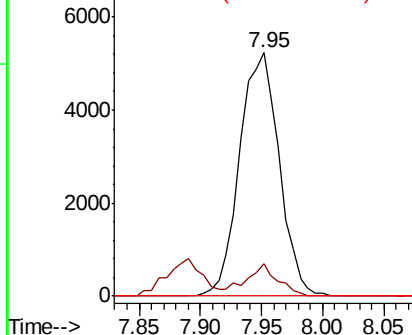


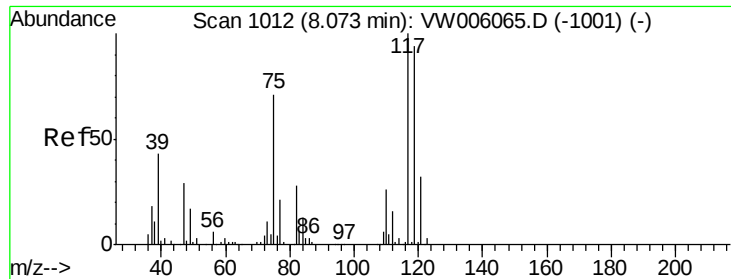
#36
 1,1-Dichloropropene
 Concen: 5.199 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006478.D
 Acq: 30 Oct 2018 03:35

Tgt Ion: 75 Resp: 11766
 Ion Ratio Lower Upper
 75 100
 110 10.9 19.1 57.1#
 77 0.0 25.0 37.4#



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: 6.634 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006478.D

Acq: 30 Oct 2018 03:35

Instrument :

MSVOA_W

ClientSampleId :

DW-05RE

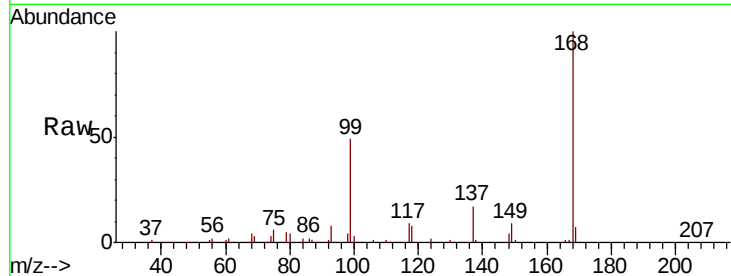
Tot Ion:117 Resp: 16460

Ion Ratio Lower Upper

117 100

119 5.2 75.2 112.8#

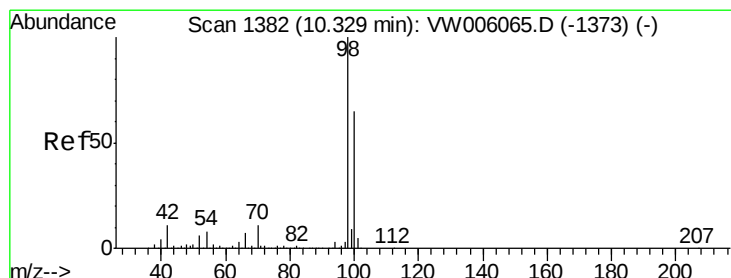
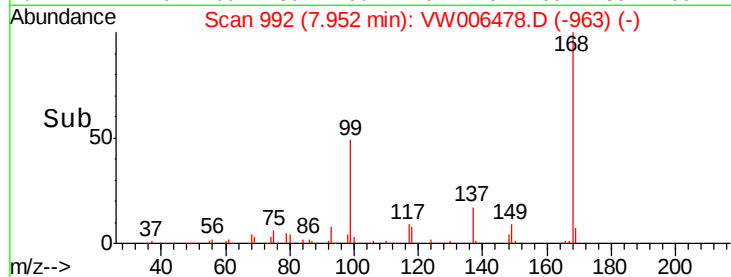
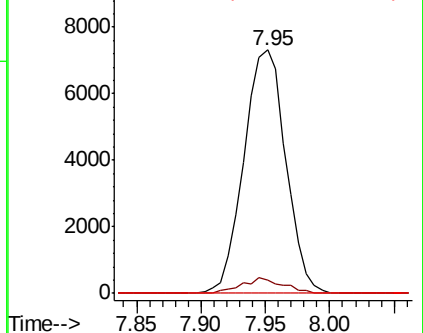
121 0.0 25.3 37.9#



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: 45.313 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006478.D

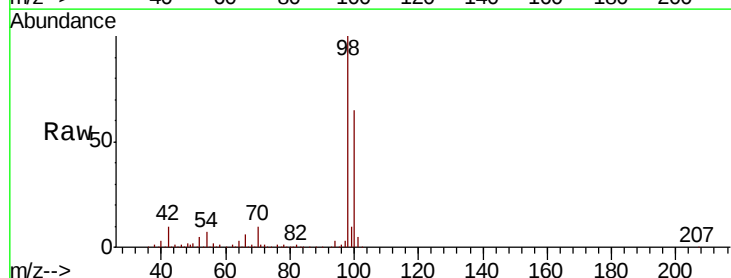
Acq: 30 Oct 2018 03:35

Tgt Ion: 98 Resp: 250135

Ion Ratio Lower Upper

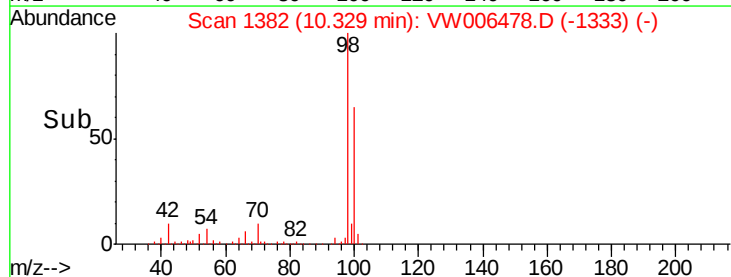
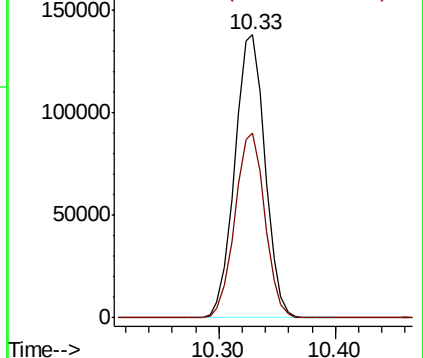
98 100

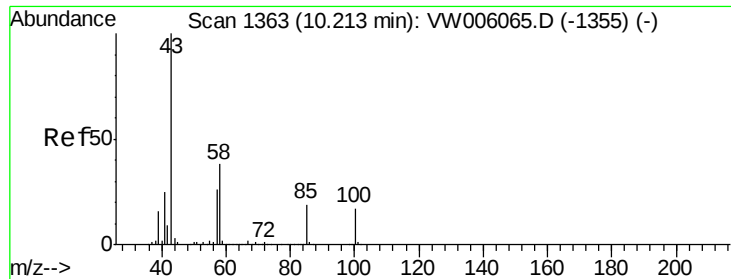
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.197 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006478.D

Acq: 30 Oct 2018 03:35

Instrument :

MSVOA_W

ClientSampleId :

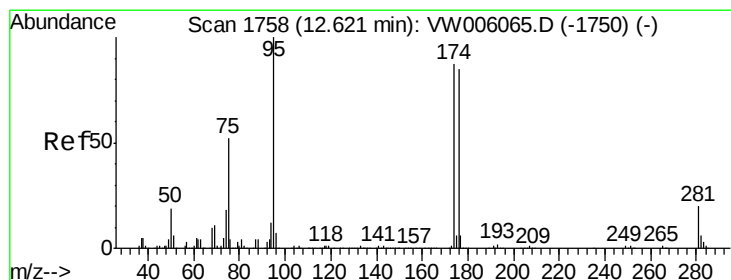
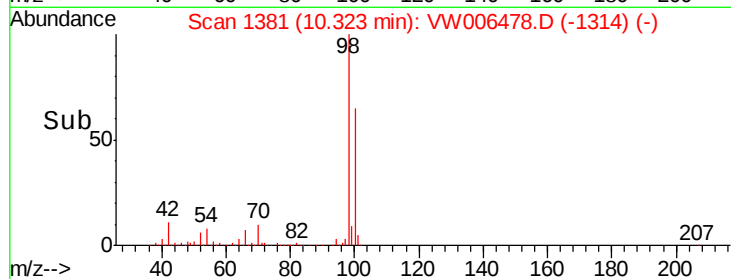
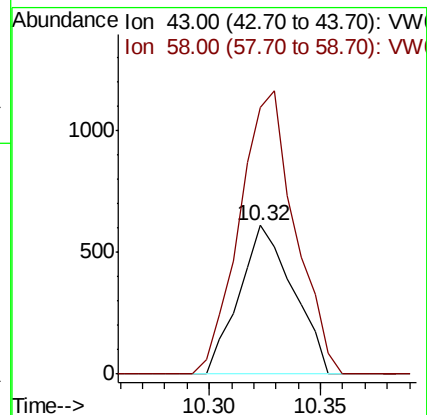
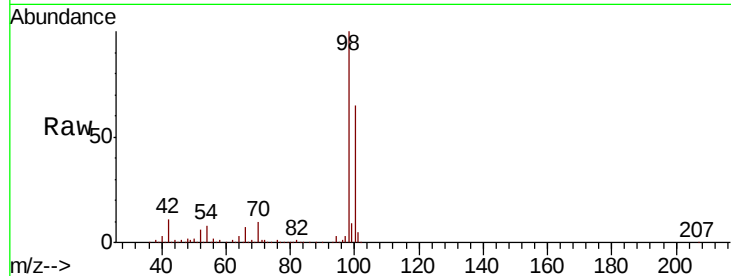
DW-05RE

Tot Ion: 43 Resp: 1031

Ion Ratio Lower Upper

43 100

58 195.5 31.5 47.3#



#62

4-Bromofluorobenzene

Concen: 21.018 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006478.D

Acq: 30 Oct 2018 03:35

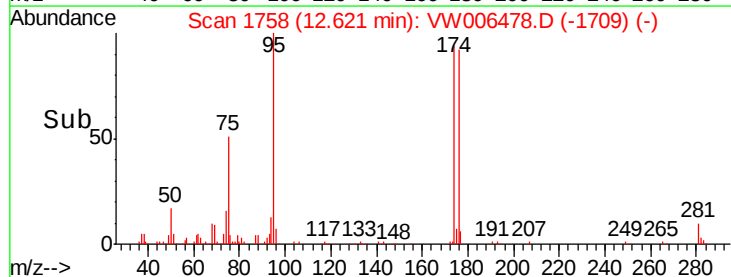
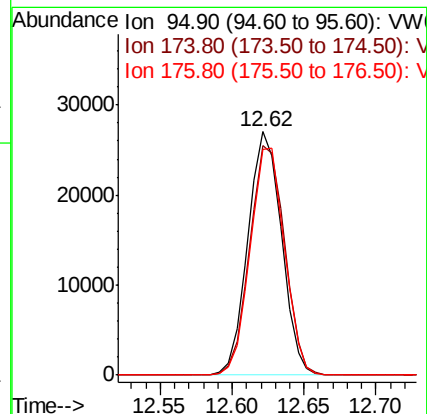
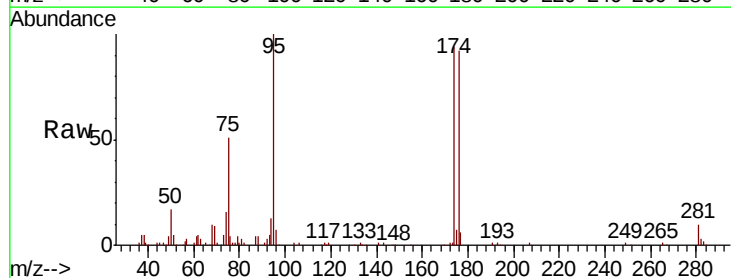
Tgt Ion: 95 Resp: 43576

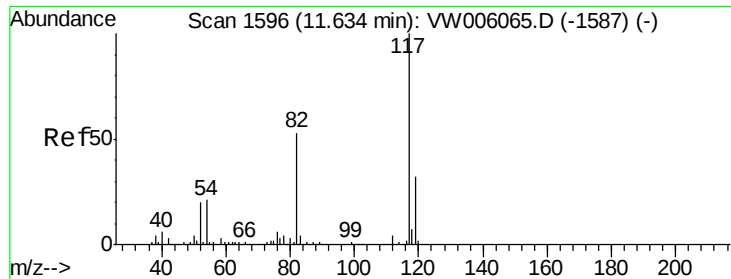
Ion Ratio Lower Upper

95 100

174 97.7 0.0 186.0

176 95.0 0.0 181.6

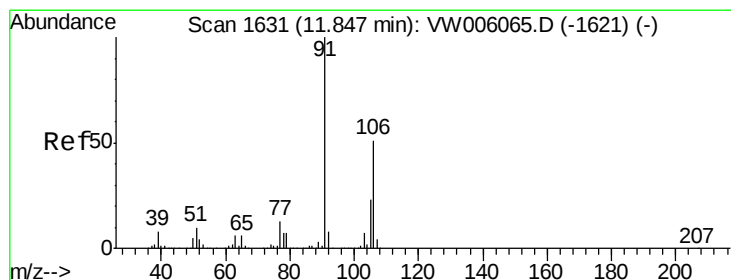
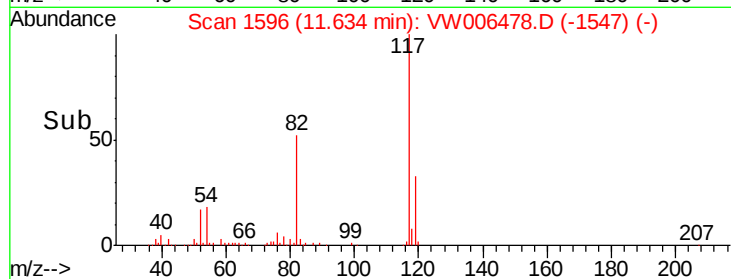
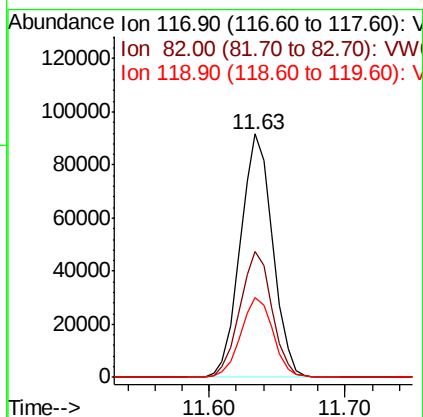
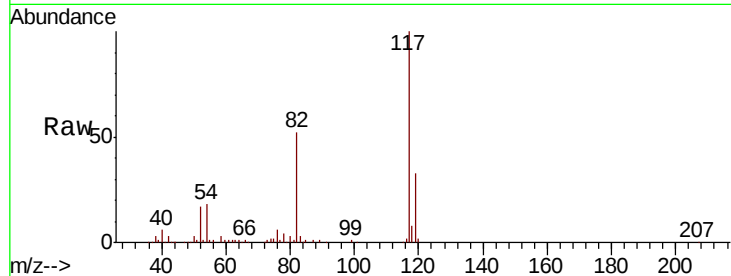




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006478.D
Acq: 30 Oct 2018 03:35

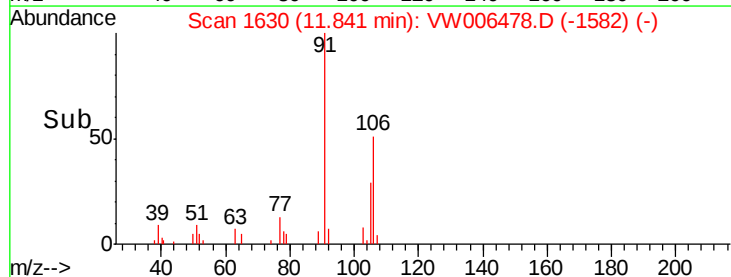
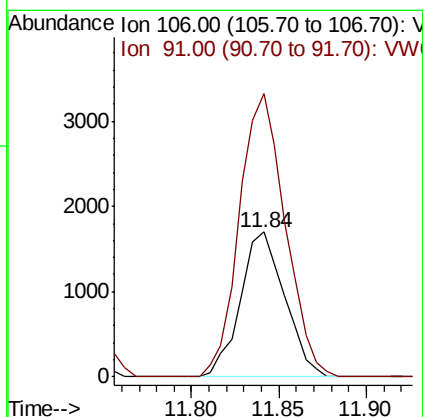
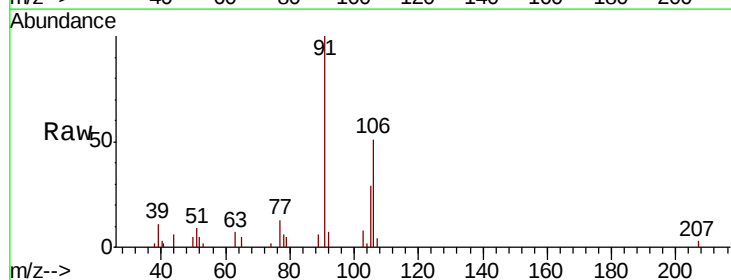
Instrument :
MSVOA_W
ClientSampleId :
DW-05RE

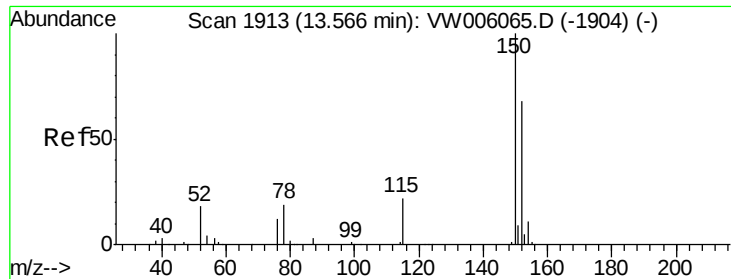
Tot Ion:117 Resp: 151841
Ion Ratio Lower Upper
117 100
82 51.5 42.1 63.1
119 32.9 25.8 38.6



#68
m/p-Xylenes
Concen: 1.355 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006478.D
Acq: 30 Oct 2018 03:35

Tgt Ion:106 Resp: 3017
Ion Ratio Lower Upper
106 100
91 201.3 159.1 238.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006478.D

Acq: 30 Oct 2018 03:35

Instrument :

MSVOA_W

ClientSampleId :

DW-05RE

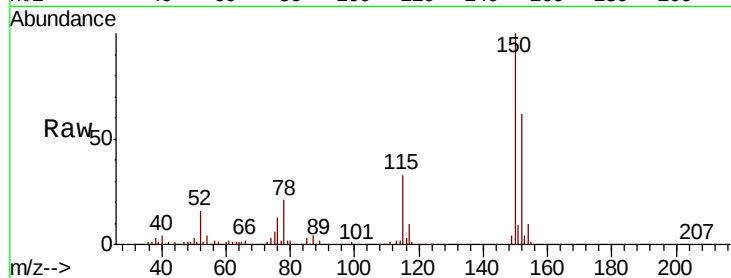
Tot Ion:152 Resp: 34049

Ion Ratio Lower Upper

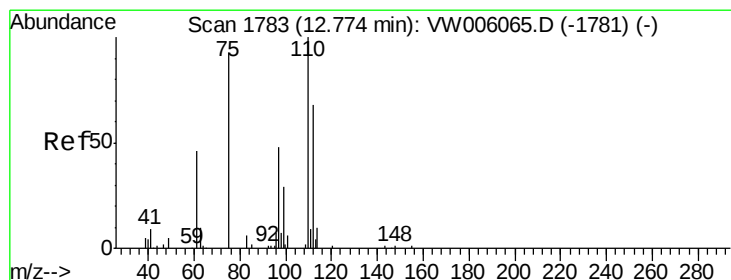
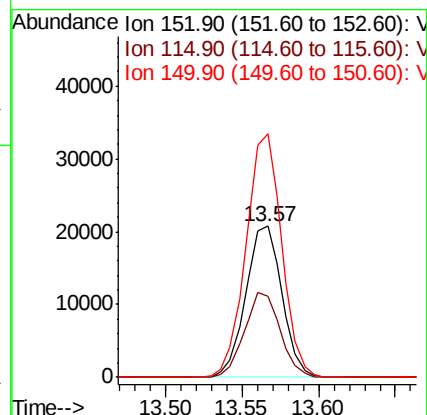
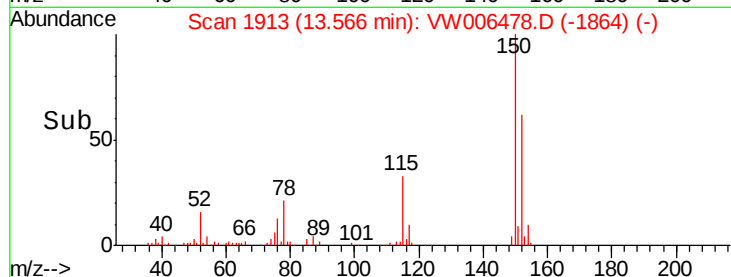
152 100

115 55.2 27.8 83.3

150 159.1 0.0 349.2



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: 84.101 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006478.D

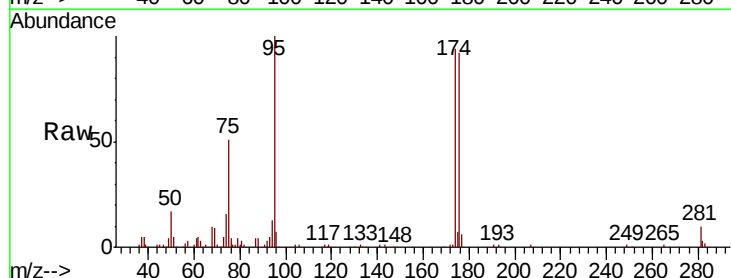
Acq: 30 Oct 2018 03:35

Tgt Ion: 75 Resp: 21872

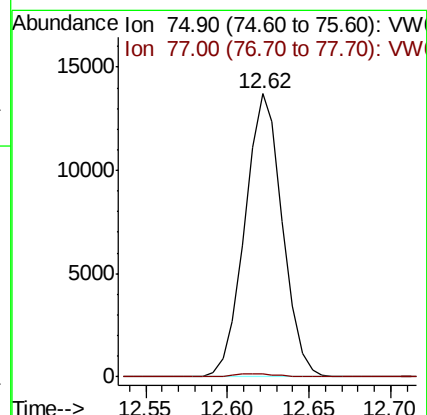
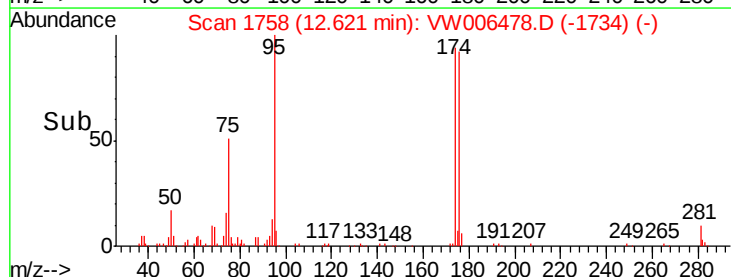
Ion Ratio Lower Upper

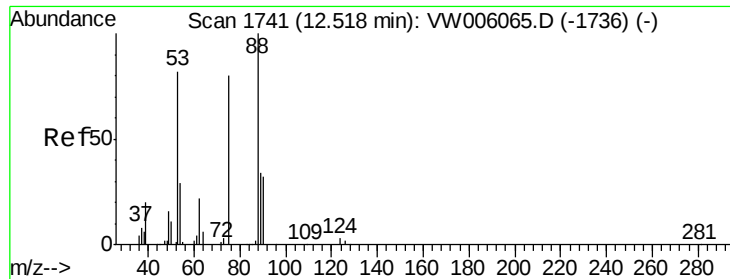
75 100

77 1.3 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: 201.035 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006478.D

Acq: 30 Oct 2018 03:35

Instrument :

MSVOA_W

ClientSampleId :

DW-05RE

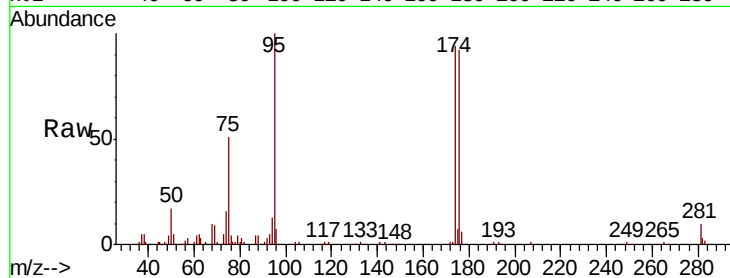
Tot Ion: 75 Resp: 21872

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

