

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006342.D
 Acq On : 25 Oct 2018 03:37
 Operator : SY/AP
 Sample : J5198-23RE
 Misc : 6.46G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-102318-B

Quant Time: Oct 25 06:11:54 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

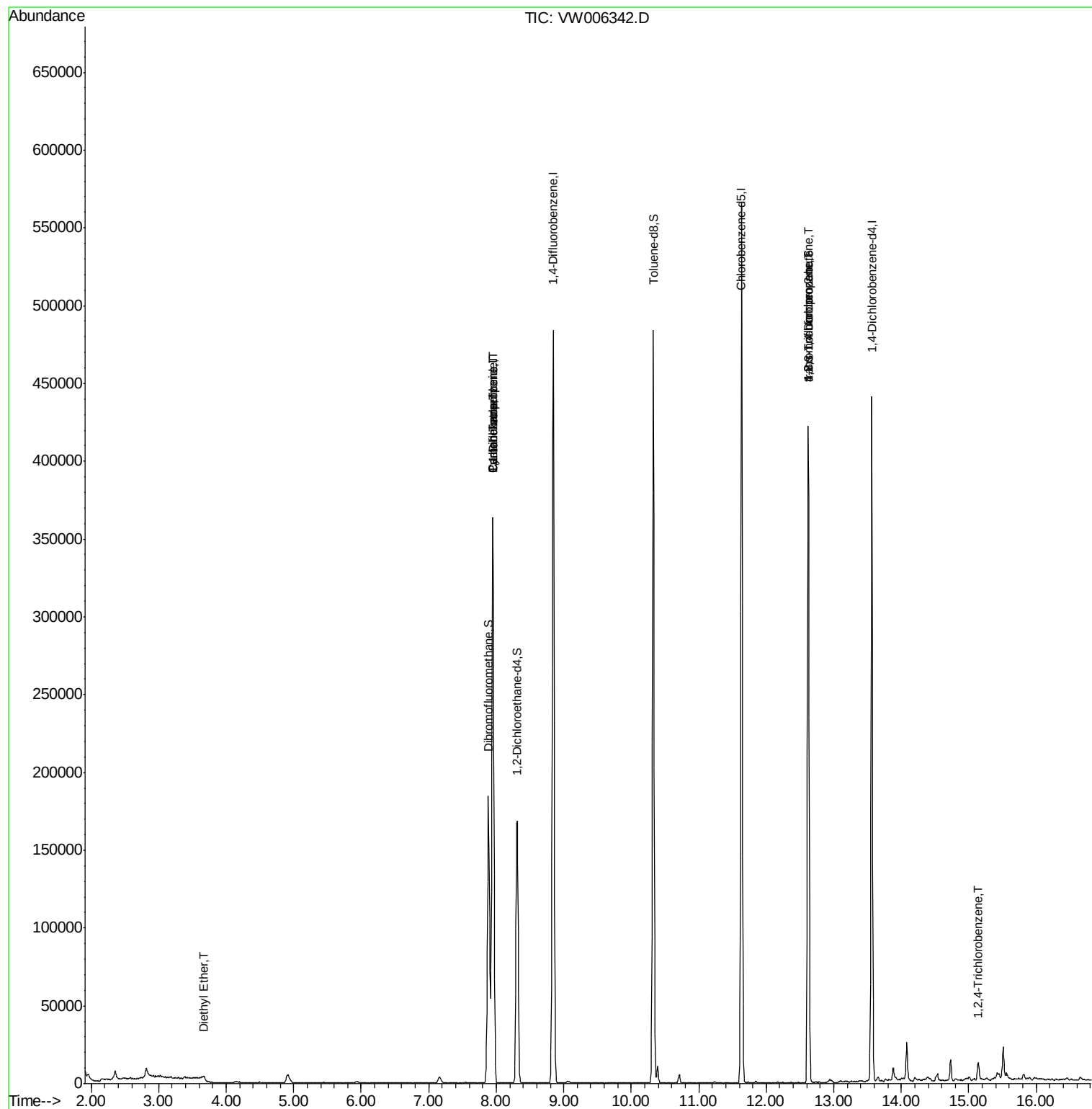
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	298675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	437797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135682	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
35) Dibromofluoromethane	7.88	113	130034	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.32	98	340795	34.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.26%	
62) 4-Bromofluorobenzene	12.62	95	126799	34.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.60%	
Target Compounds						
8) Diethyl Ether	3.67	74	1372	1.020	ug/l	64
16) Acetone	4.14	43	1709	Below Cal	#	83
31) Cyclohexane	7.95	56	5015	1.107	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	18599	4.609	ug/l #	49
38) Carbon Tetrachloride	7.95	117	26363	5.960	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	63243	68.072	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	63243	162.718	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.14	180	3932	1.368	ug/l	97

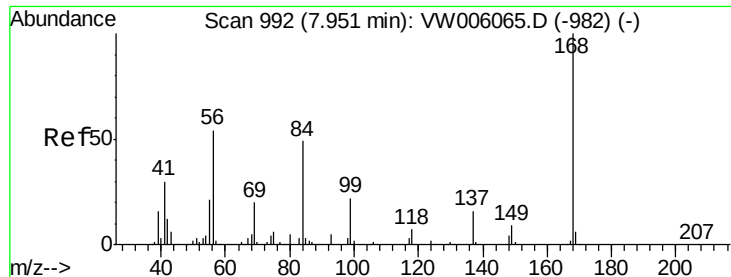
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102518\
Data File : VW006342.D
Acq On : 25 Oct 2018 03:37
Operator : SY/AP
Sample : J5198-23RE
Misc : 6.46G/5ML/MSVOA W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-01-102318-B

Quant Time: Oct 25 06:11:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006342.D

Acq: 25 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

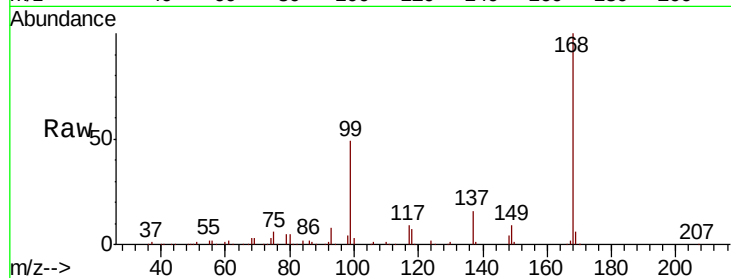
CL-01-102318-B

Tot Ion:168 Resp: 298675

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

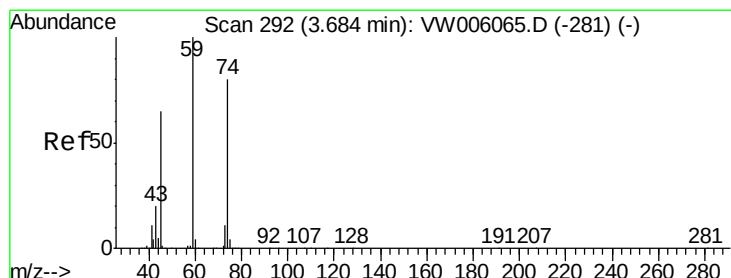
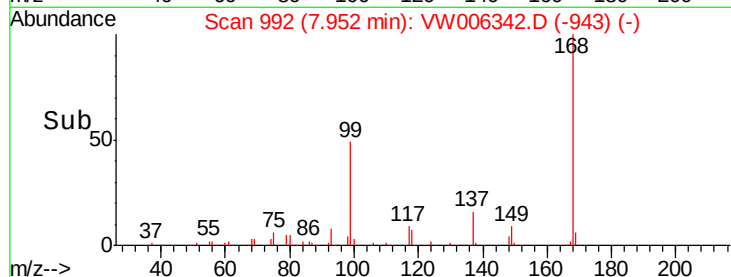
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.020 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006342.D

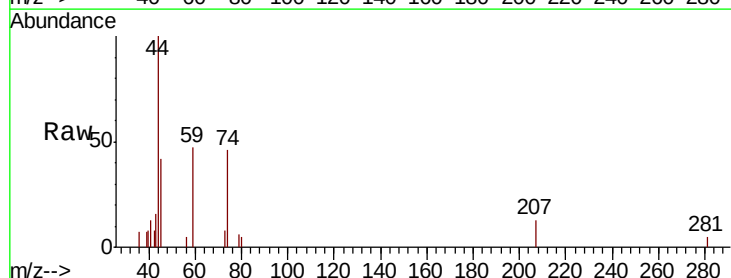
Acq: 25 Oct 2018 03:37

Tgt Ion: 74 Resp: 1372

Ion Ratio Lower Upper

74 100

45 118.3 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

600

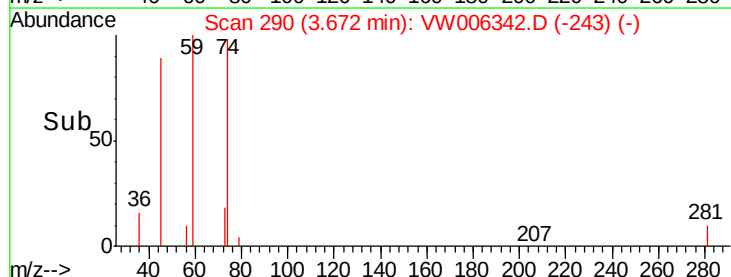
400

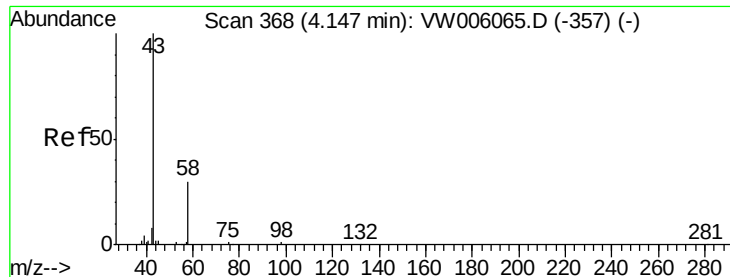
200

0

3.60 3.65 3.70 3.75

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006342.D

Acq: 25 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

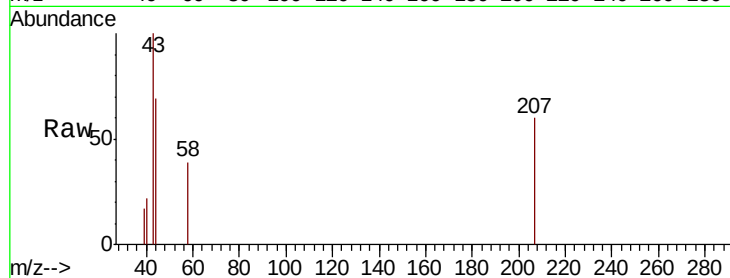
CL-01-102318-B

Tot Ion: 43 Resp: 1709

Ion Ratio Lower Upper

43 100

58 39.2 24.0 36.0#



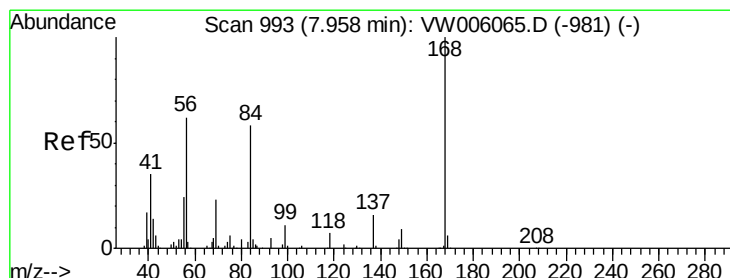
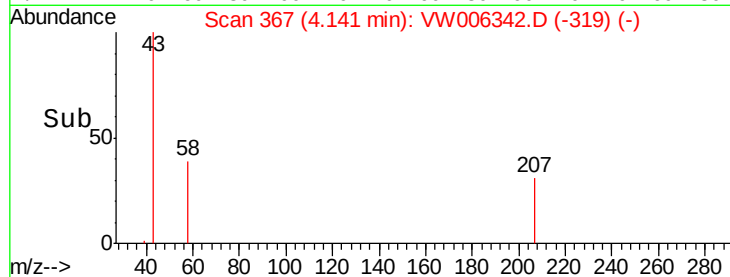
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4.10 4.20

Time-->



#31

Cyclohexane

Concen: 1.107 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006342.D

Acq: 25 Oct 2018 03:37

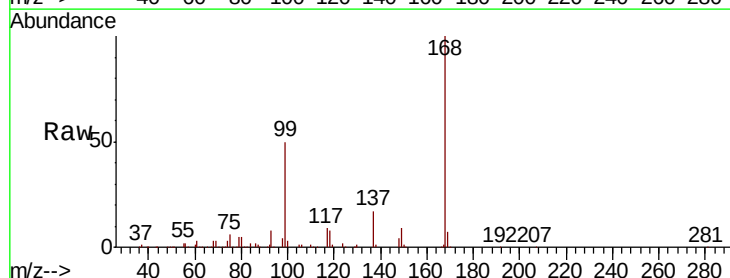
Tgt Ion: 56 Resp: 5015

Ion Ratio Lower Upper

56 100

69 173.0 29.4 44.0#

84 128.3 74.0 111.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

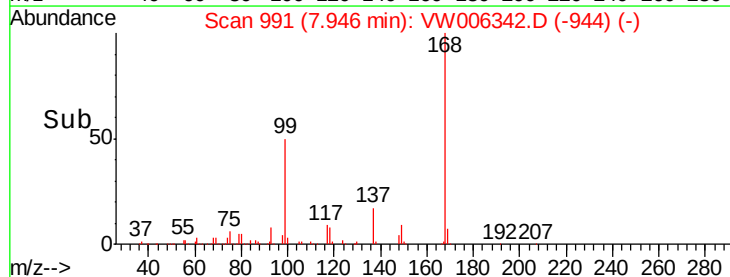
Ion 69.00 (68.70 to 69.70): VW

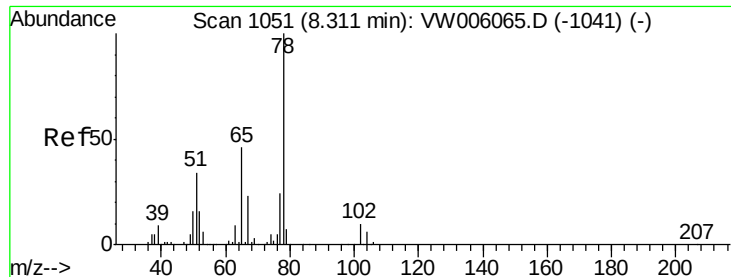
Ion 84.00 (83.70 to 84.70): VW

7.95

7.85 7.90 7.95 8.00

Time-->

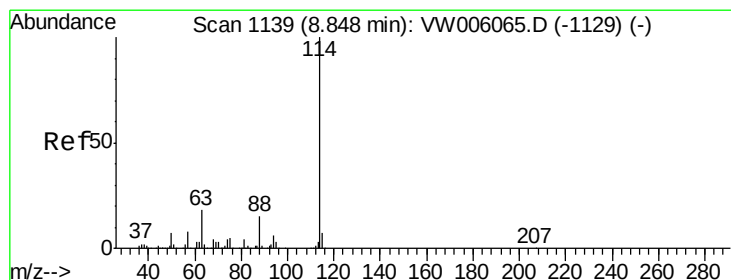
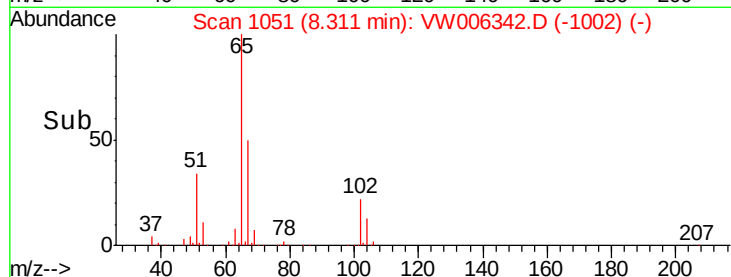
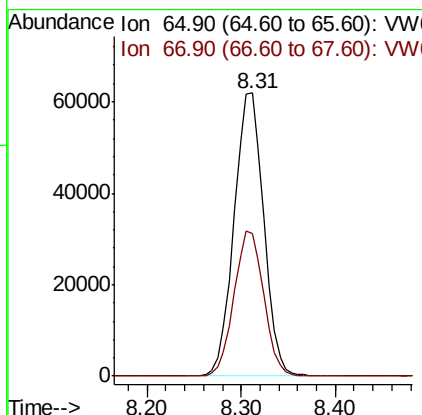
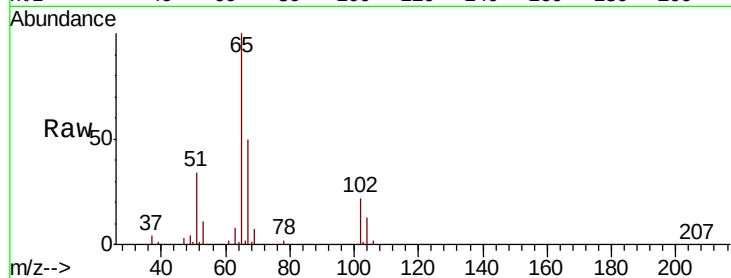




#33
 1,2-Dichloroethane-d4
 Concen: 54.795 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006342.D
 Acq: 25 Oct 2018 03:37

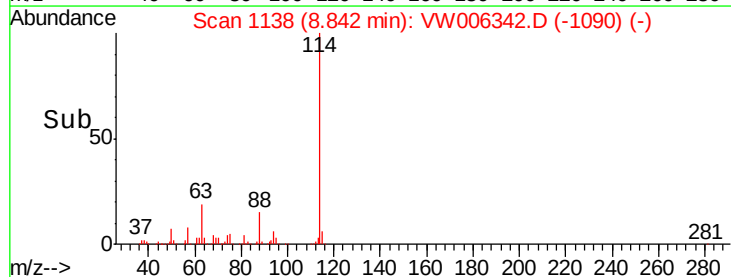
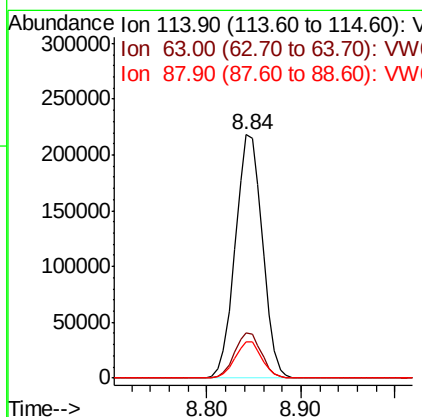
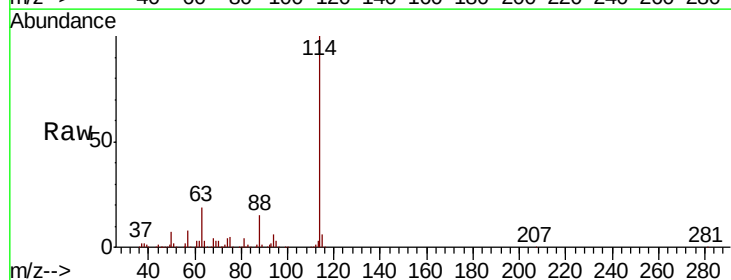
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-102318-B

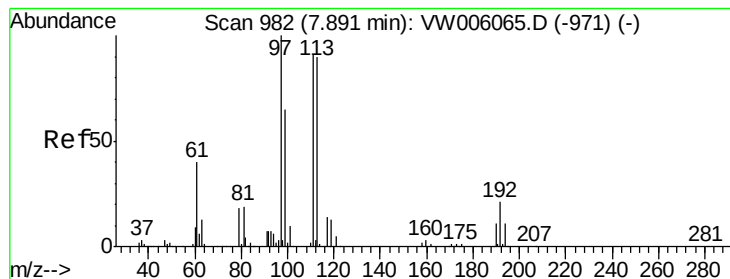
Tot Ion: 65 Resp: 135682
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006342.D
 Acq: 25 Oct 2018 03:37

Tgt Ion: 114 Resp: 437797
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.8
 88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.266 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006342.D

Acq: 25 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

CL-01-102318-B

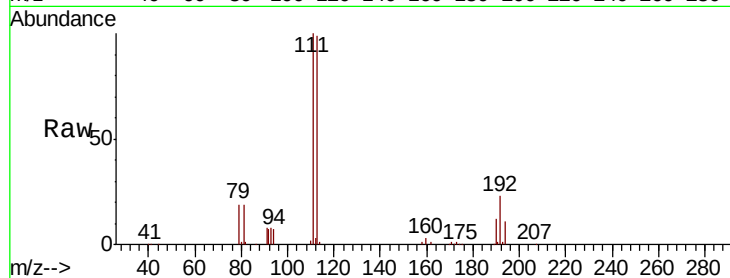
Tot Ion:113 Resp: 130034

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

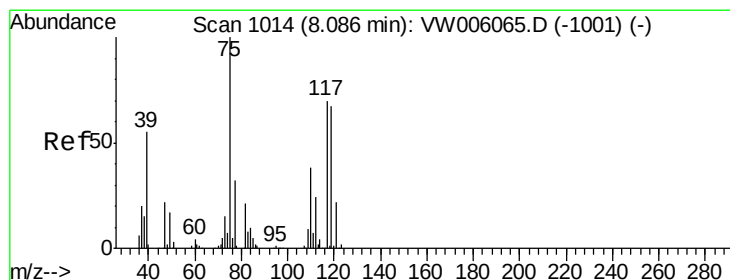
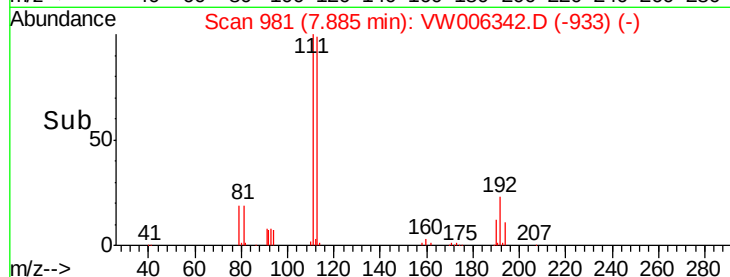
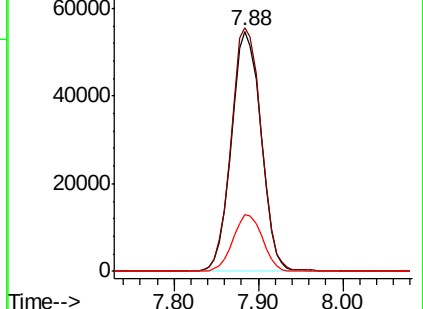
192 23.6 18.7 28.1



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: 4.609 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006342.D

Acq: 25 Oct 2018 03:37

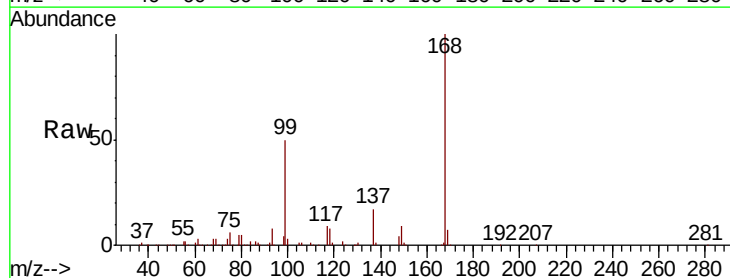
Tgt Ion: 75 Resp: 18599

Ion Ratio Lower Upper

75 100

110 10.3 19.1 57.1#

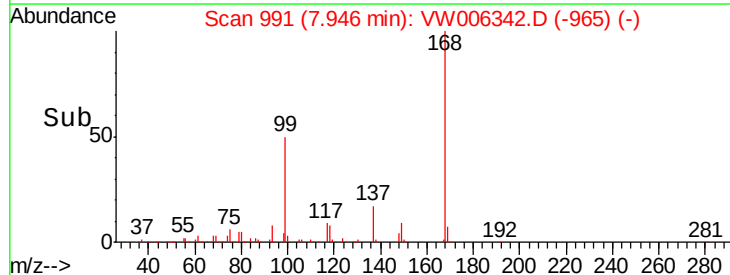
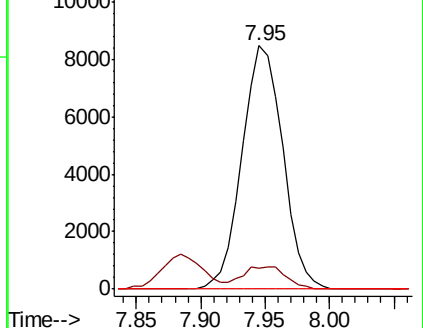
77 0.0 25.0 37.4#

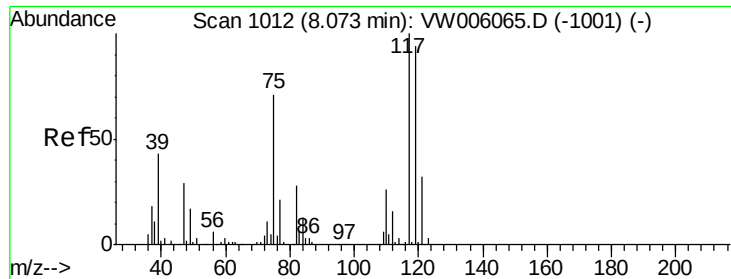


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.960 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006342.D

Acq: 25 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

CL-01-102318-B

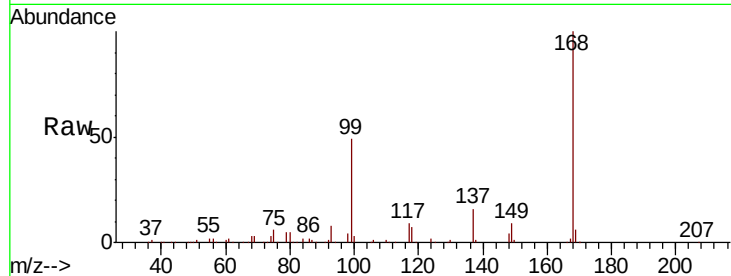
Tot Ion:117 Resp: 26363

Ion Ratio Lower Upper

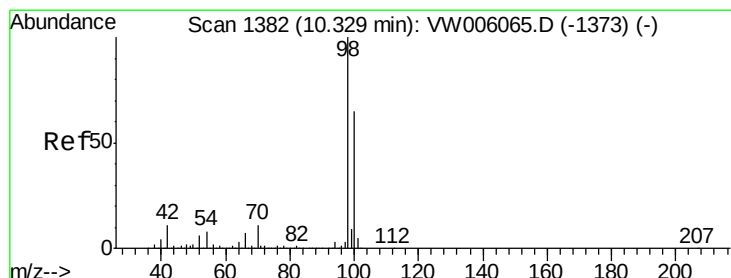
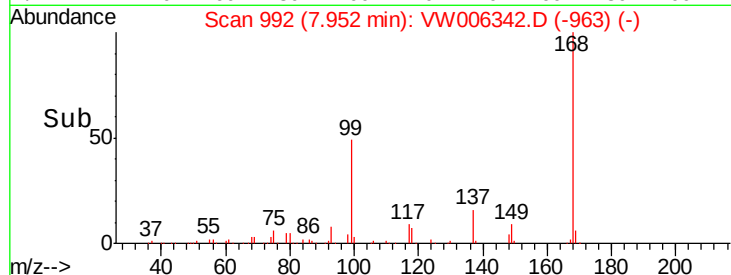
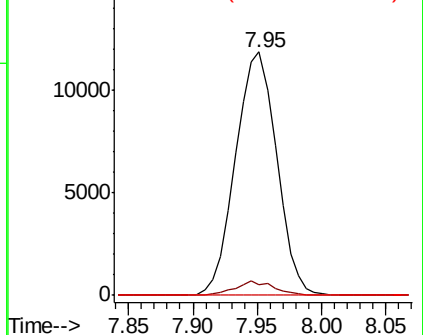
117 100

119 4.2 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: 34.627 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006342.D

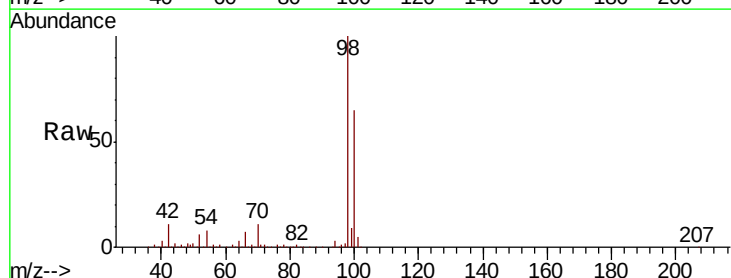
Acq: 25 Oct 2018 03:37

Tgt Ion: 98 Resp: 340795

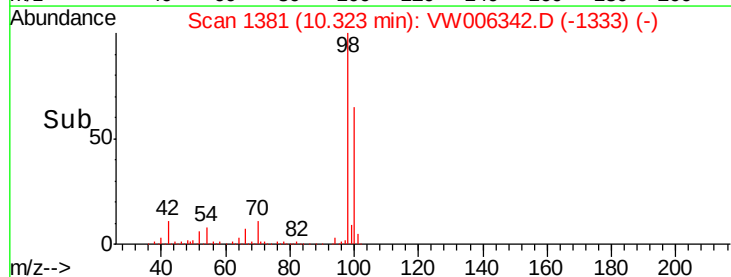
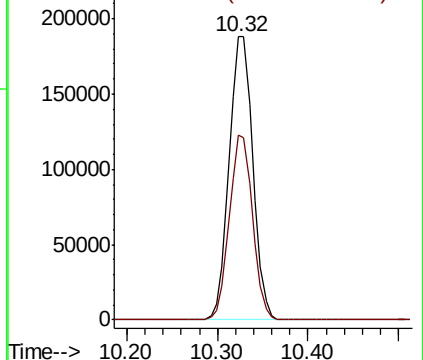
Ion Ratio Lower Upper

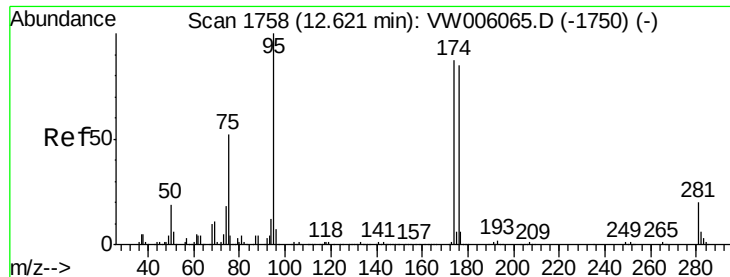
98 100

100 64.0 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: 34.302 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006342.D

Acq: 25 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

CL-01-102318-B

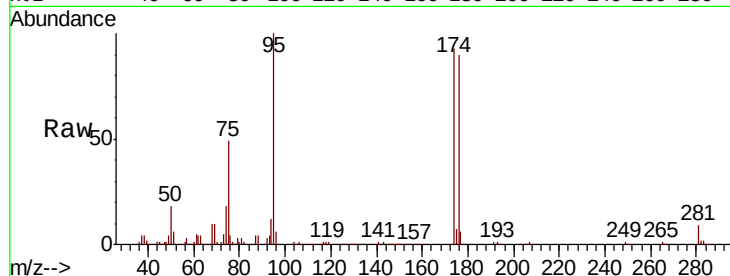
Tot Ion: 95 Resp: 126799

Ion Ratio Lower Upper

95 100

174 95.2 0.0 186.0

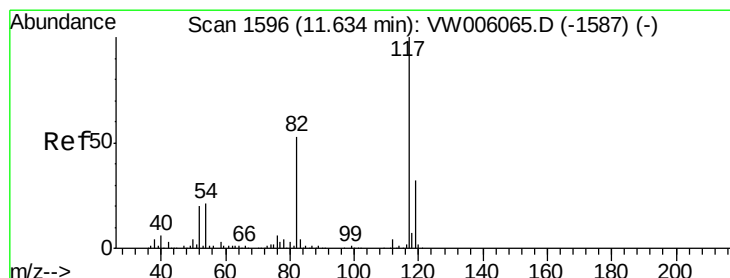
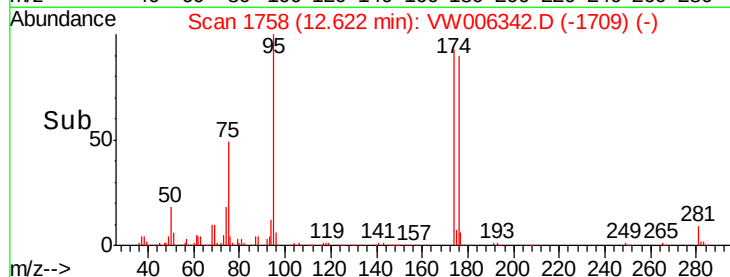
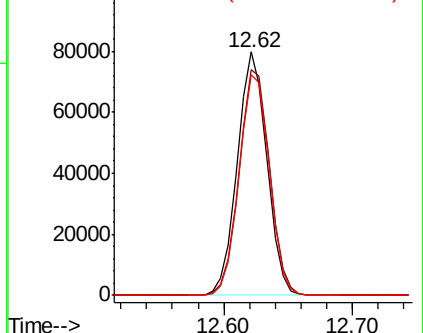
176 92.3 0.0 181.6



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006342.D

Acq: 25 Oct 2018 03:37

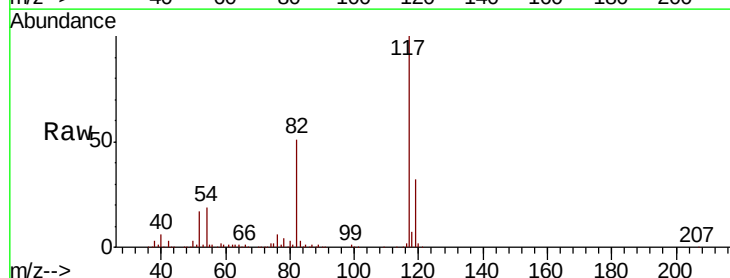
Tgt Ion: 117 Resp: 326961

Ion Ratio Lower Upper

117 100

82 51.1 42.1 63.1

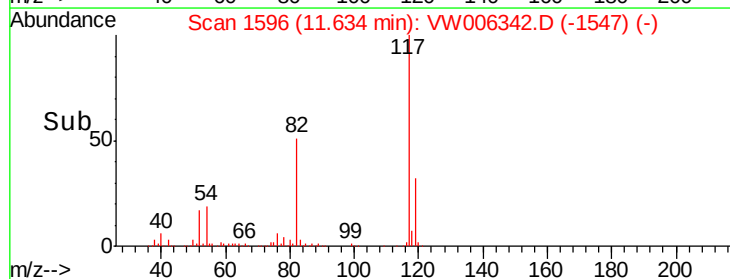
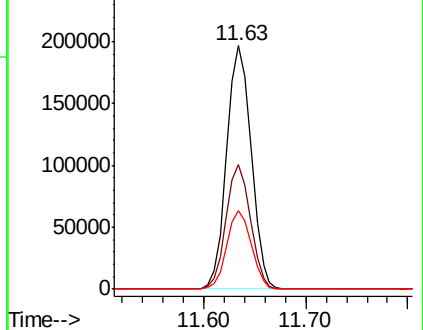
119 32.2 25.8 38.6

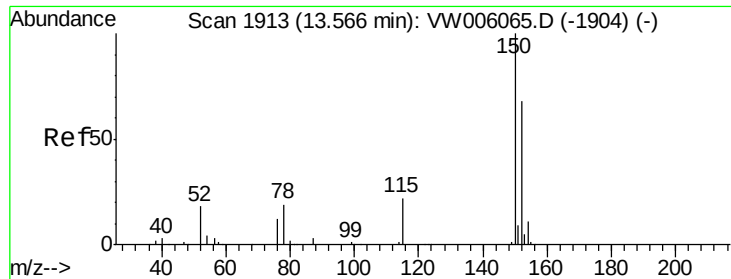


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



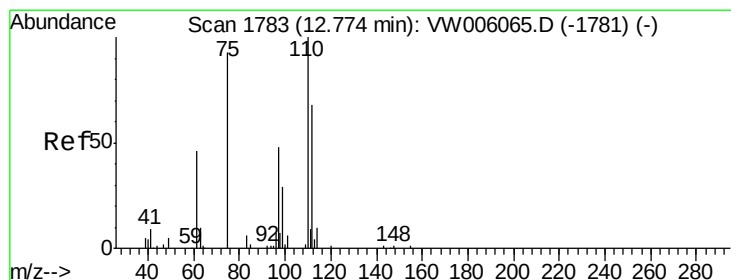
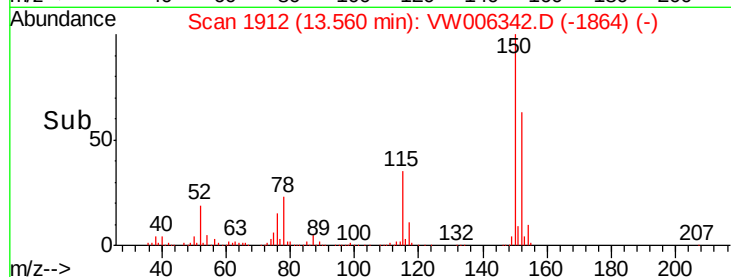
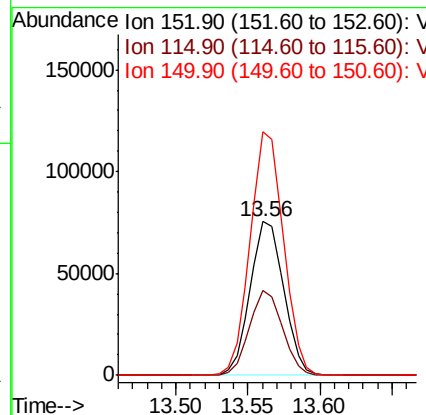
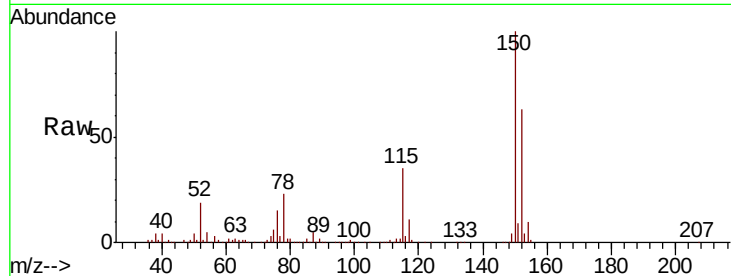


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006342.D
Acq: 25 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
CL-01-102318-B

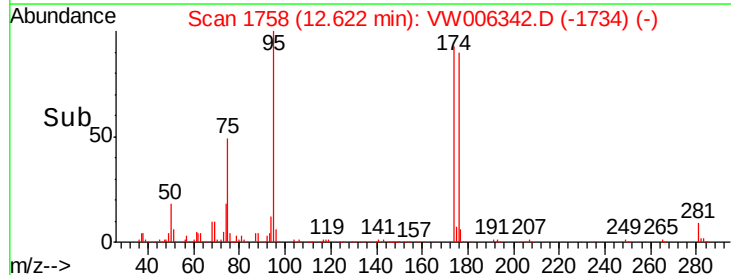
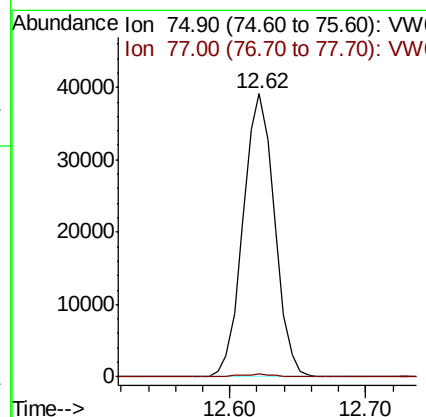
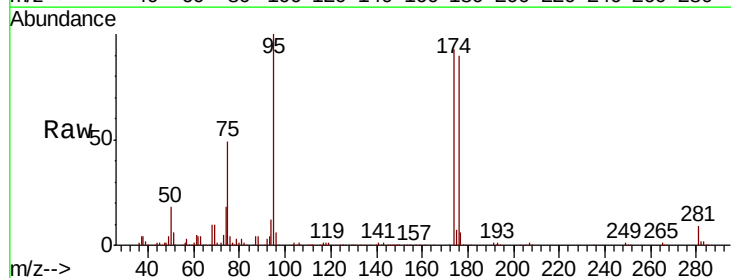
Tot Ion:152 Resp: 121637
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 157.0 0.0 349.2

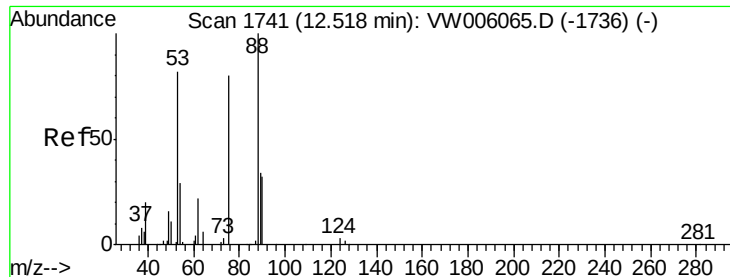


#76

1,2,3-Trichloropropane
Concen: 68.072 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006342.D
Acq: 25 Oct 2018 03:37

Tgt Ion: 75 Resp: 63243
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 162.718 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006342.D

Acq: 25 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

CL-01-102318-B

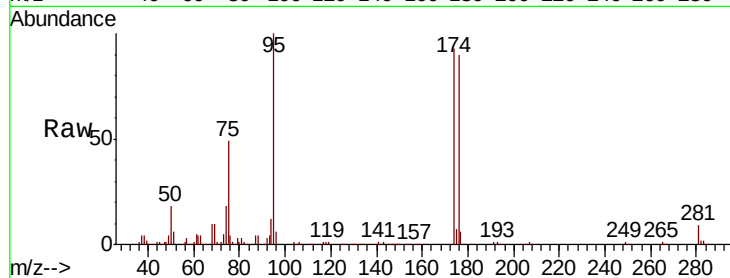
Tot Ion: 75 Resp: 63243

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

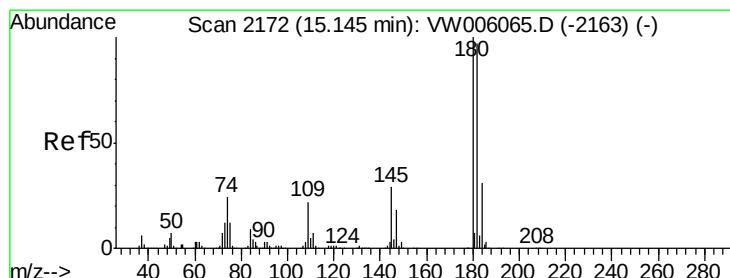
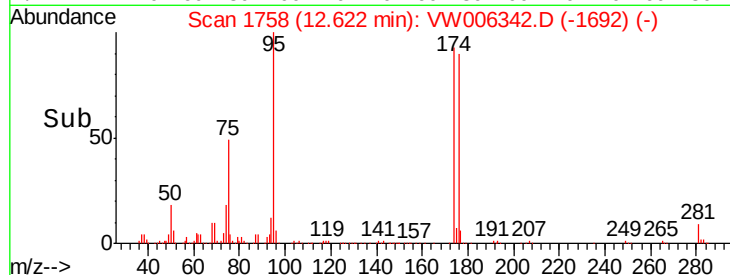
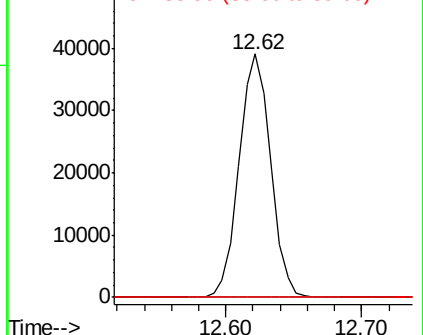


Abundance

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



#93

1,2,4-Trichlorobenzene

Concen: 1.368 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.01 min

Lab File: VW006342.D

Acq: 25 Oct 2018 03:37

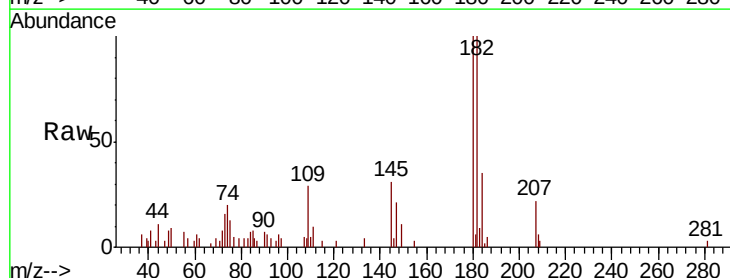
Tgt Ion: 180 Resp: 3932

Ion Ratio Lower Upper

180 100

182 98.3 47.9 143.6

145 31.2 14.2 42.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

