

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
 Data File : VW006520.D
 Acq On : 31 Oct 2018 12:33
 Operator : SY/AP
 Sample : VW1101SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBL01

Quant Time: Oct 31 13:33:17 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	222788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	314903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148929	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	79576	43.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.16%	
35) Dibromofluoromethane	7.88	113	87676	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
50) Toluene-d8	10.32	98	323520	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.62	95	116736	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	

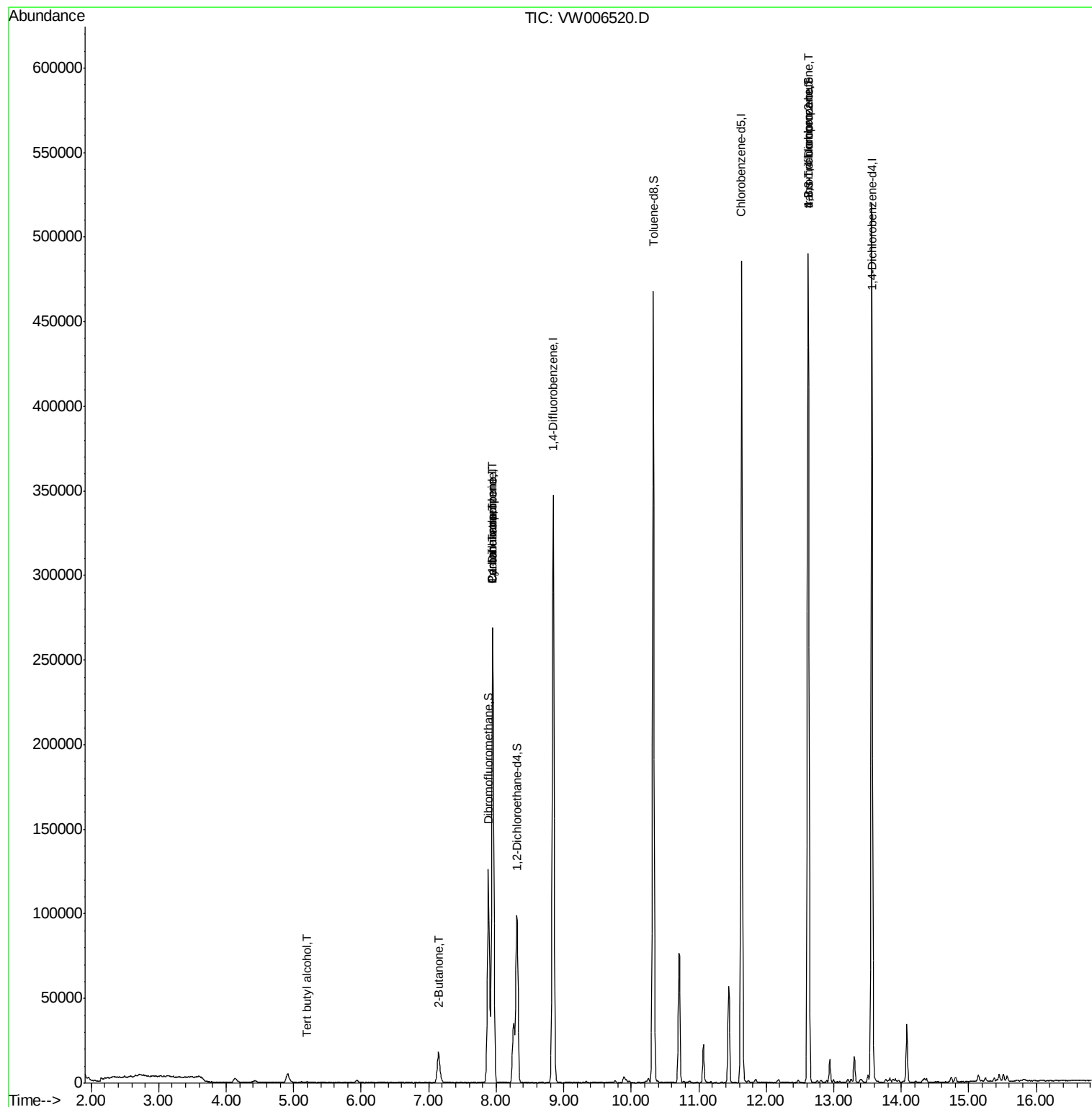
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	483	3.89	ug/l	# 71
16) Acetone	4.13	43	4849	Below Cal		100
25) 2-Butanone	7.15	43	932	1.87	ug/l	# 46
31) Cyclohexane	7.95	56	3867	1.14	ug/l	# 1
36) 1,1-Dichloropropene	7.95	75	13948	4.81	ug/l	# 49
38) Carbon Tetrachloride	7.95	117	19628	6.17	ug/l	# 17
76) 1,2,3-Trichloropropane	12.62	75	58799	51.69	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	58799	123.56	ug/l	# 10

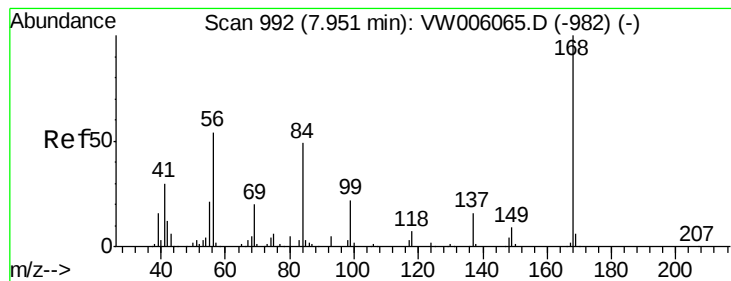
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
Data File : VW006520.D
Acq On : 31 Oct 2018 12:33
Operator : SY/AP
Sample : VW1101SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBL01

Quant Time: Oct 31 13:33:17 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: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006520.D

Acq: 31 Oct 2018 12:33

Instrument :

MSVOA_W

ClientSampleId :

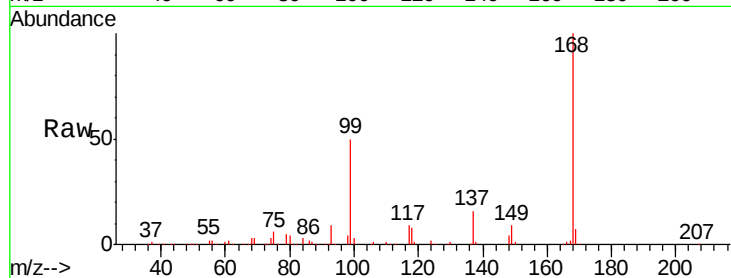
VW1101SBL01

Tgt Ion: 168 Resp: 222788

Ion Ratio Lower Upper

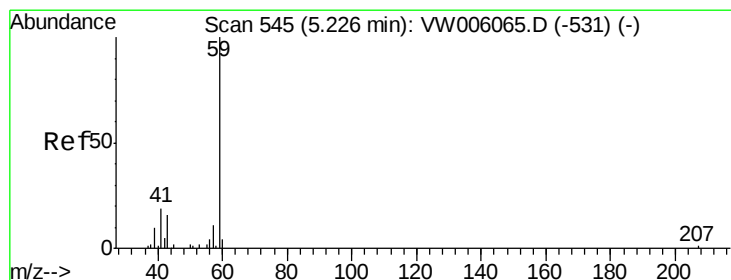
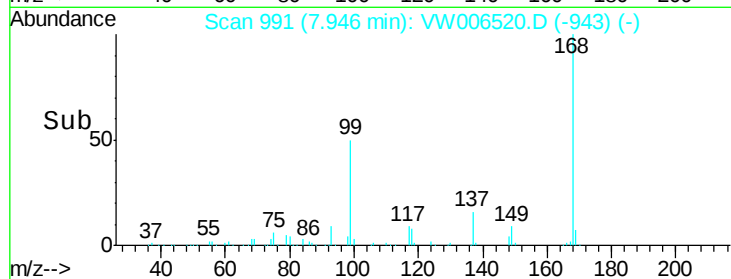
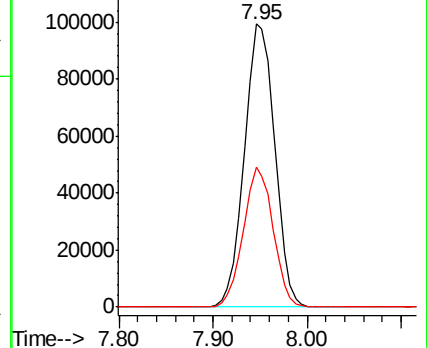
168 100

99 49.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.89 ug/l

RT: 5.20 min Scan# 540

Delta R.T. -0.03 min

Lab File: VW006520.D

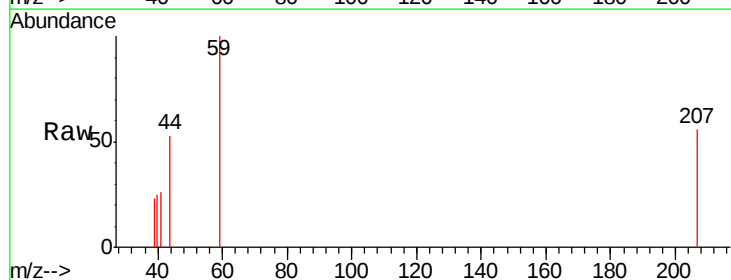
Acq: 31 Oct 2018 12:33

Tgt Ion: 59 Resp: 483

Ion Ratio Lower Upper

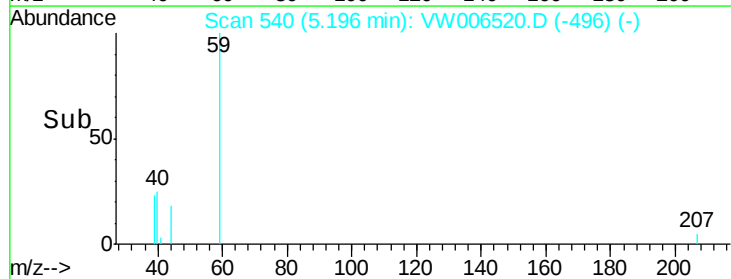
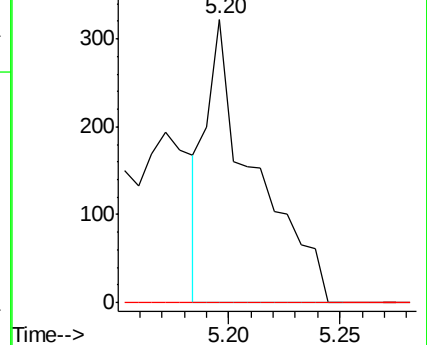
59 100

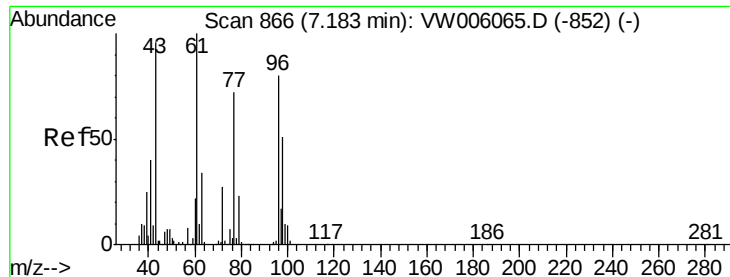
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#25

2-Butanone

Concen: 1.87 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006520.D

Acq: 31 Oct 2018 12:33

Instrument :

MSVOA_W

ClientSampleId :

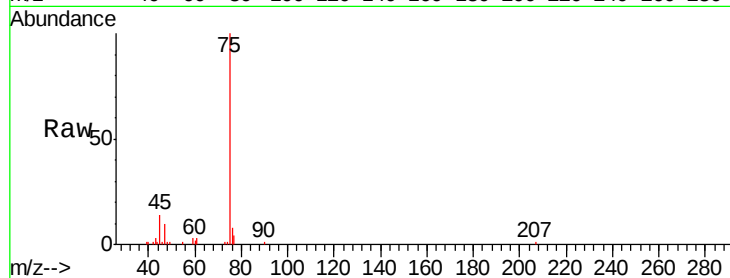
VW1101SBL01

Tgt Ion: 43 Resp: 932

Ion Ratio Lower Upper

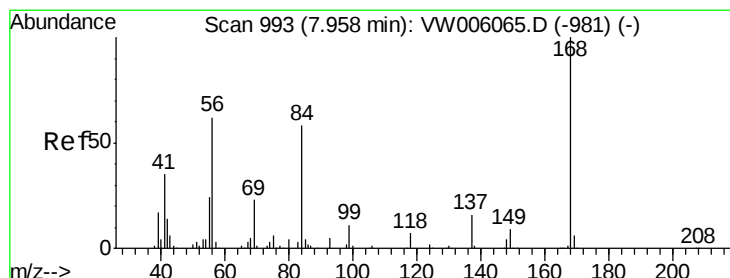
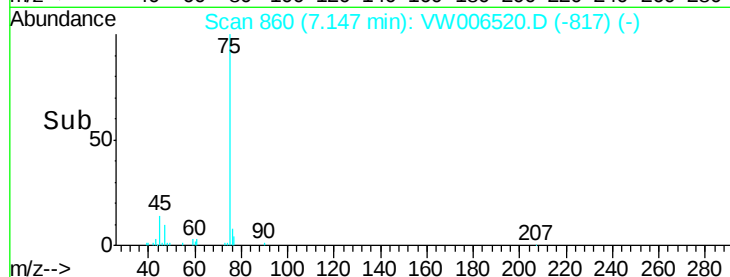
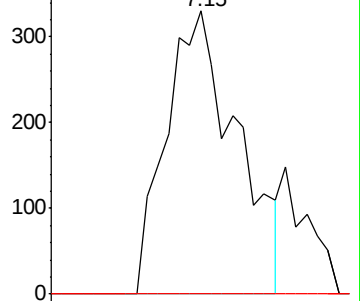
43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.14 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006520.D

Acq: 31 Oct 2018 12:33

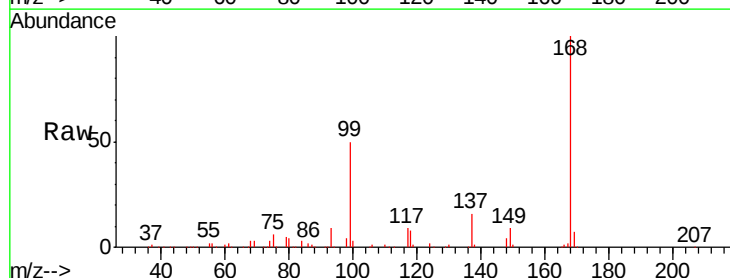
Tgt Ion: 56 Resp: 3867

Ion Ratio Lower Upper

56 100

69 173.9 29.4 44.0#

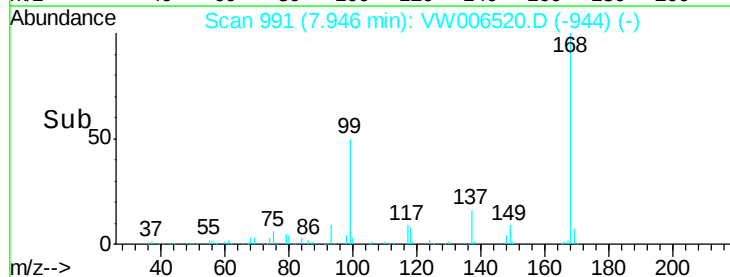
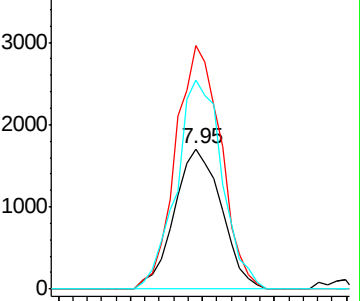
84 148.9 74.0 111.0#

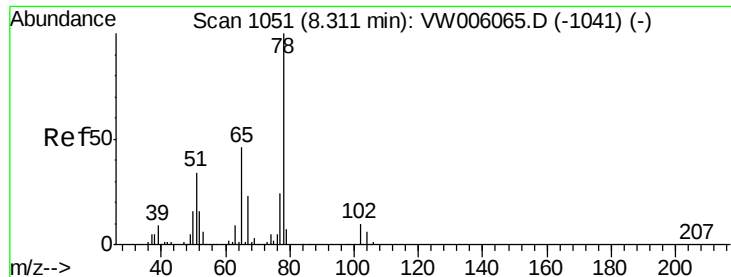


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

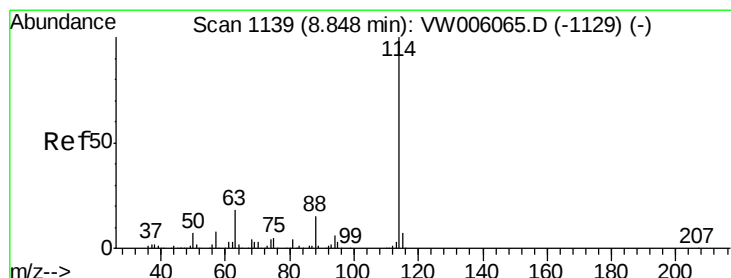
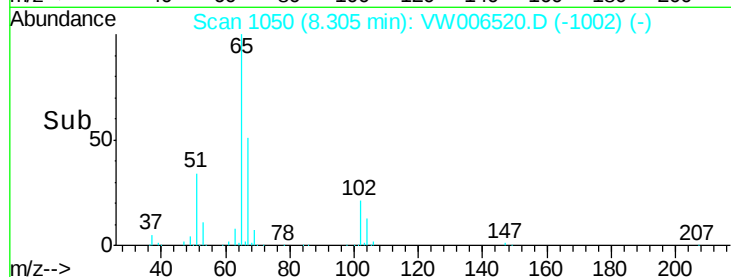
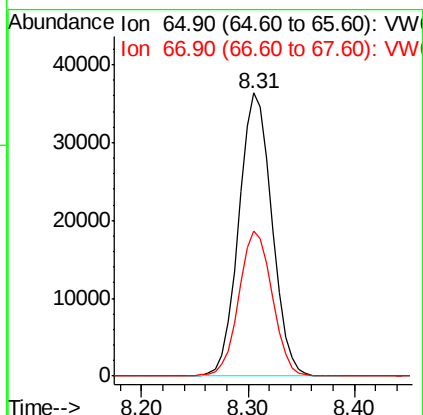
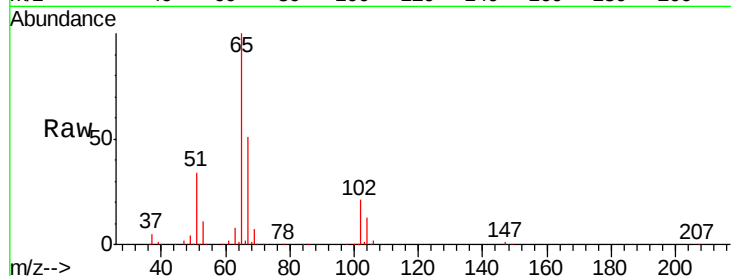




#33
 1,2-Dichloroethane-d4
 Concen: 43.08 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006520.D
 Acq: 31 Oct 2018 12:33

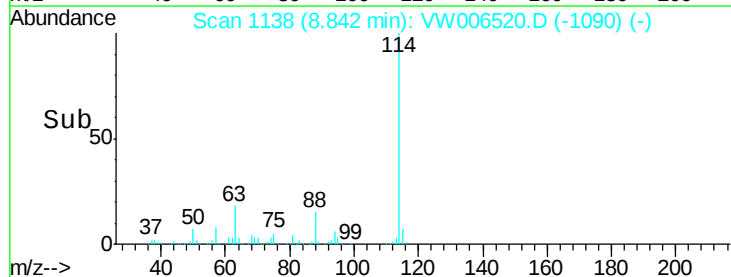
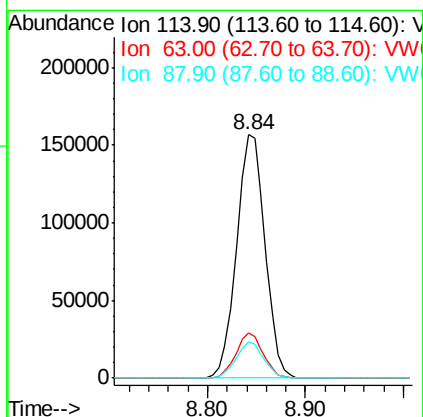
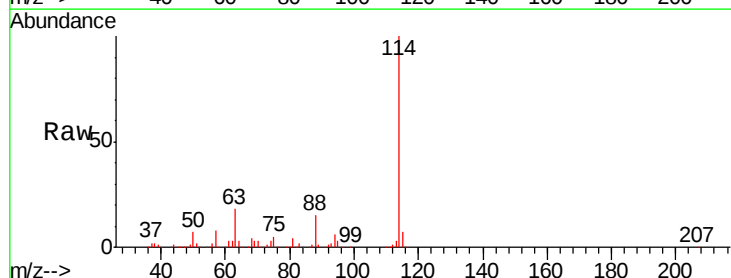
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBL01

Tgt Ion: 65 Resp: 79576
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006520.D
 Acq: 31 Oct 2018 12:33

Tgt Ion: 114 Resp: 314903
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.12 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006520.D

Acq: 31 Oct 2018 12:33

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBL01

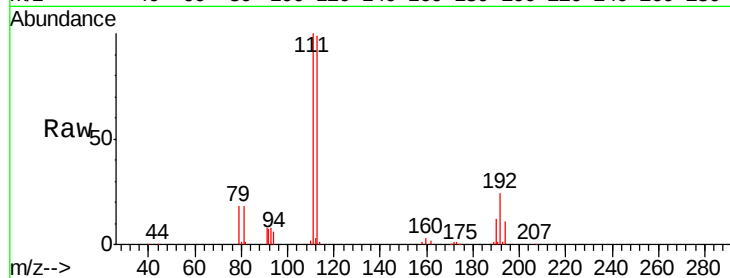
Tgt Ion:113 Resp: 87676

Ion Ratio Lower Upper

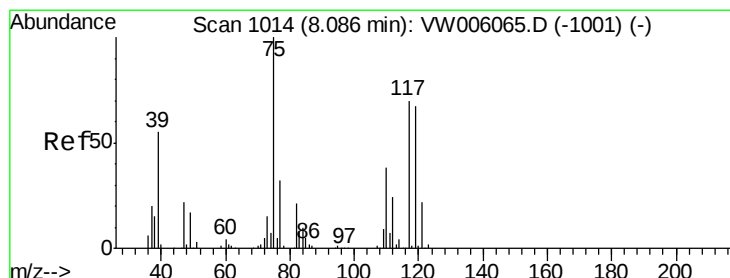
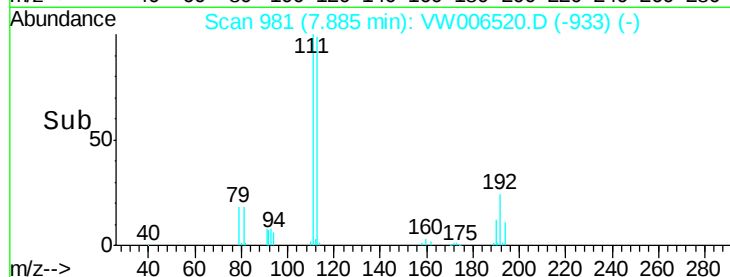
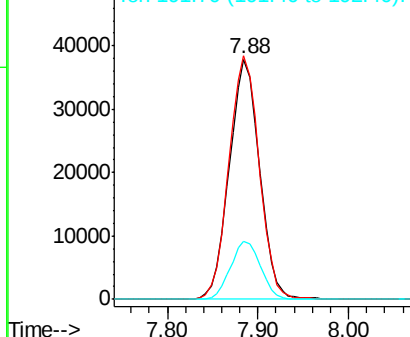
113 100

111 101.8 81.4 122.0

192 24.0 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: 4.81 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006520.D

Acq: 31 Oct 2018 12:33

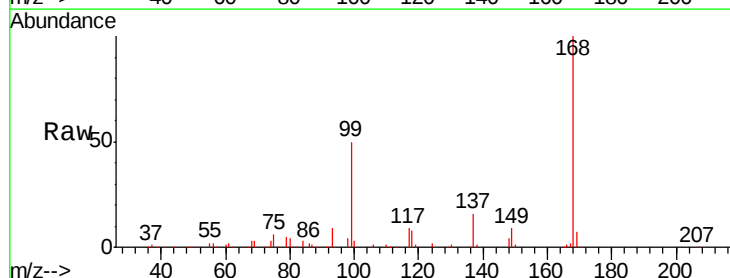
Tgt Ion: 75 Resp: 13948

Ion Ratio Lower Upper

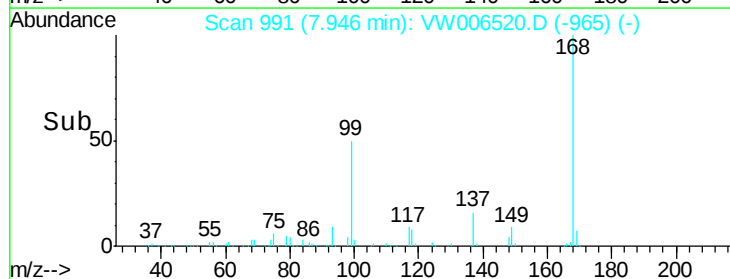
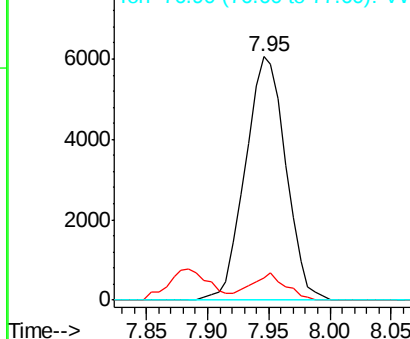
75 100

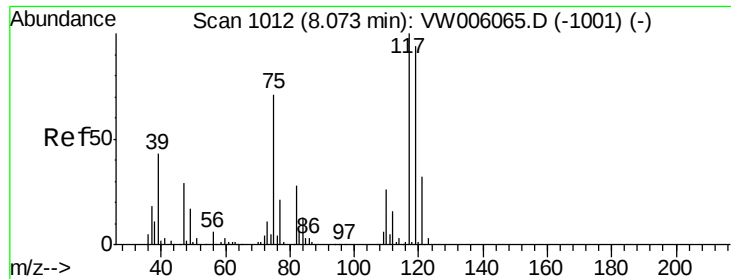
110 9.8 19.1 57.1#

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

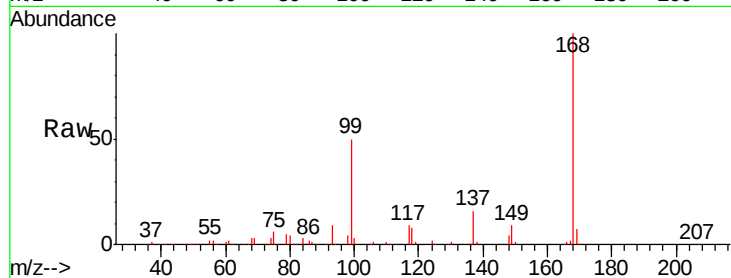




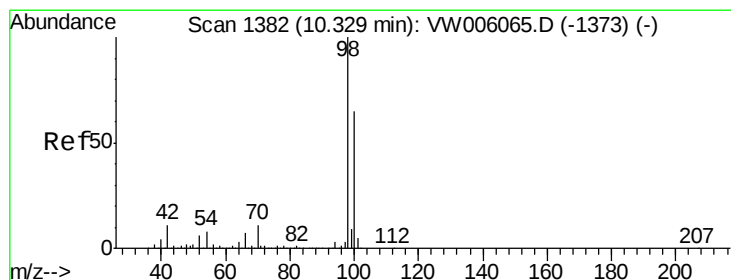
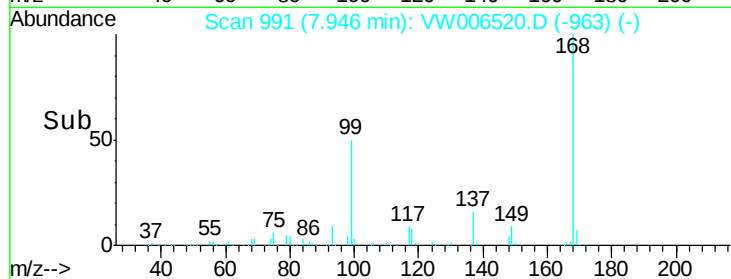
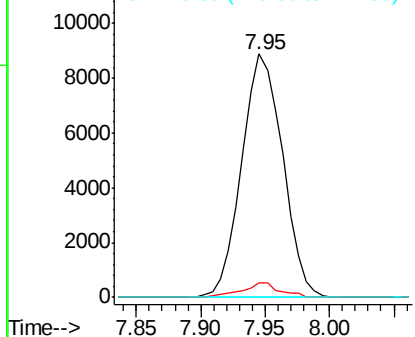
#38
Carbon Tetrachloride
Concen: 6.17 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006520.D
Acq: 31 Oct 2018 12:33

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBL01

Tgt Ion:117 Resp: 19628
Ion Ratio Lower Upper
117 100
119 5.7 75.2 112.8#
121 0.0 25.3 37.9#

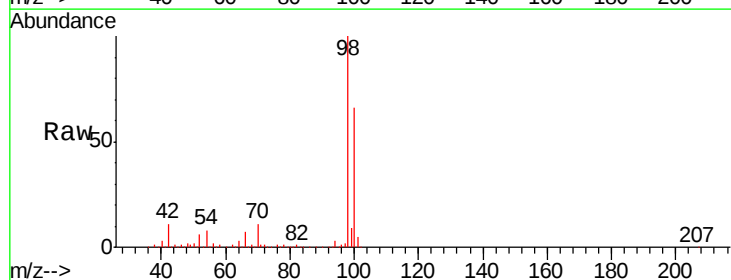


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

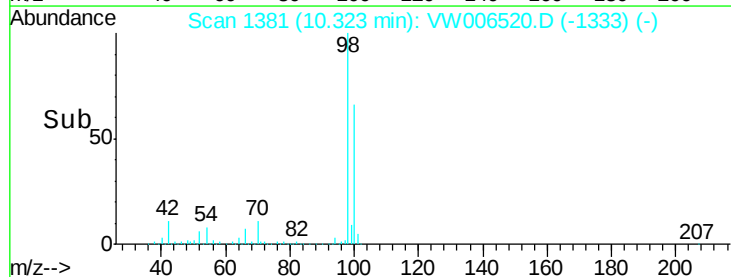
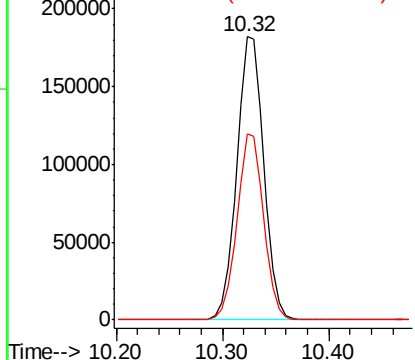


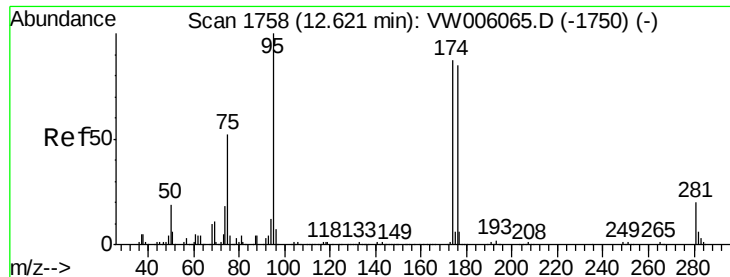
#50
Toluene-d8
Concen: 45.70 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006520.D
Acq: 31 Oct 2018 12:33

Tgt Ion: 98 Resp: 323520
Ion Ratio Lower Upper
98 100
100 64.7 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: 43.90 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006520.D

Acq: 31 Oct 2018 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBL01

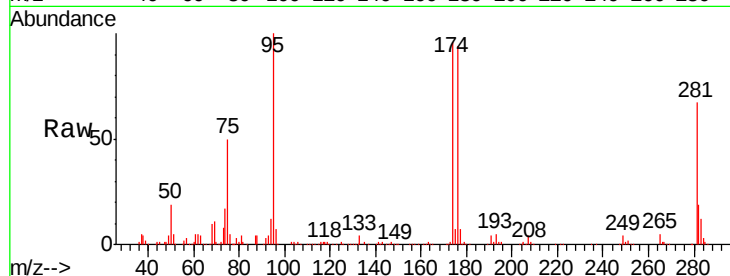
Tgt Ion: 95 Resp: 116736

Ion Ratio Lower Upper

95 100

174 97.6 0.0 186.0

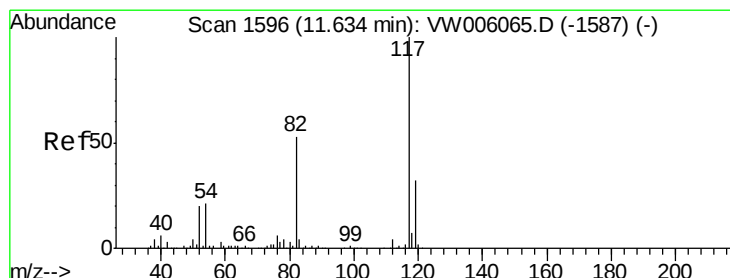
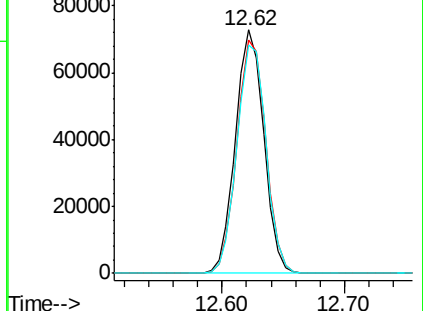
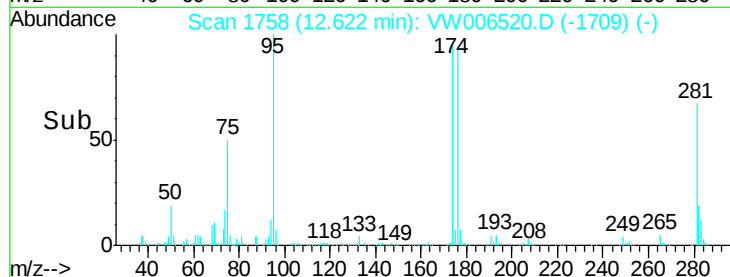
176 96.5 0.0 181.6



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: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006520.D

Acq: 31 Oct 2018 12:33

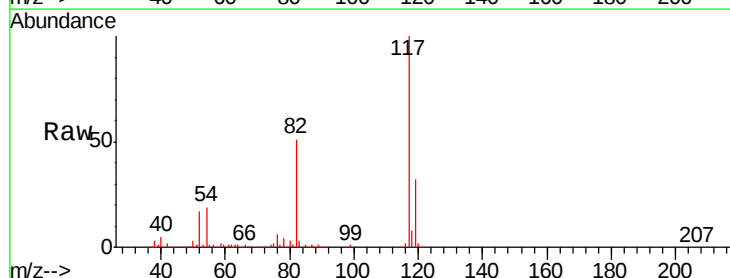
Tgt Ion: 117 Resp: 283381

Ion Ratio Lower Upper

117 100

82 51.2 42.1 63.1

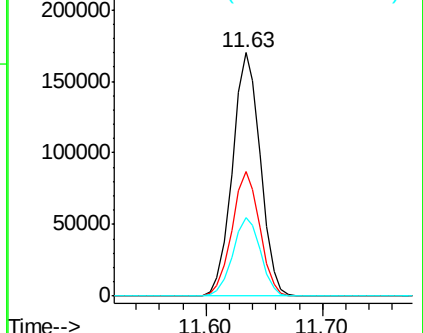
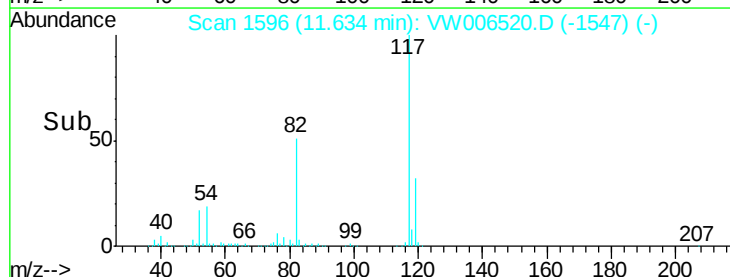
119 32.4 25.8 38.6

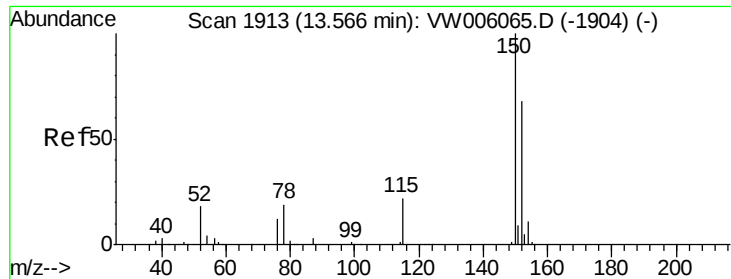


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006520.D

Acq: 31 Oct 2018 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBL01

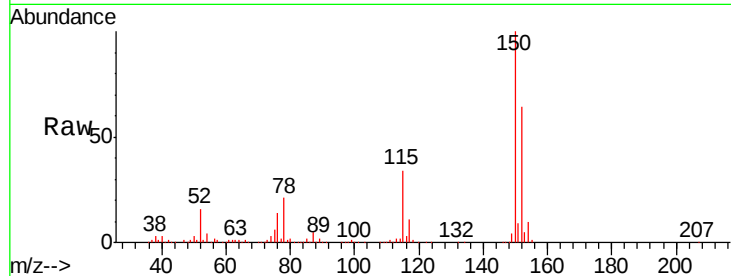
Tgt Ion:152 Resp: 148929

Ion Ratio Lower Upper

152 100

115 53.9 27.8 83.3

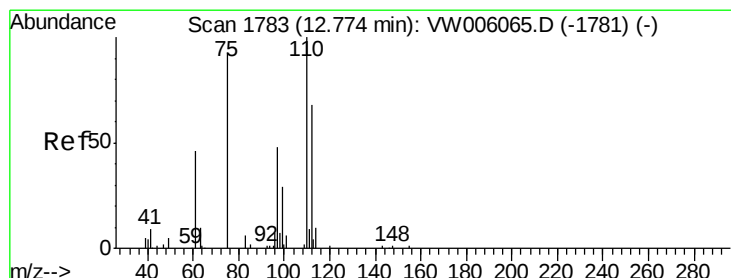
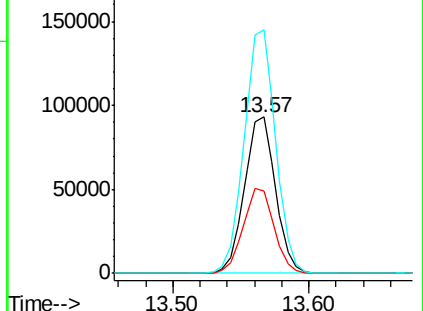
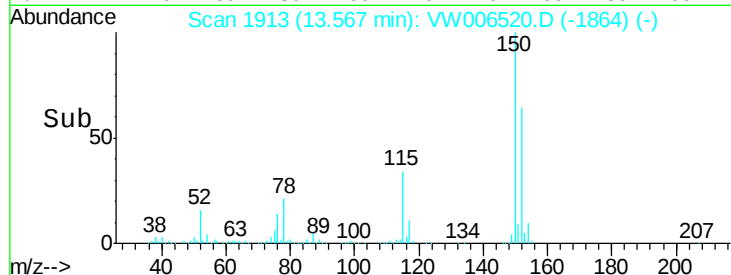
150 157.7 0.0 349.2



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: 51.69 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006520.D

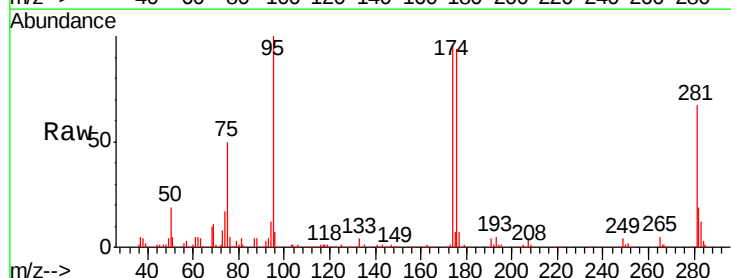
Acq: 31 Oct 2018 12:33

Tgt Ion: 75 Resp: 58799

Ion Ratio Lower Upper

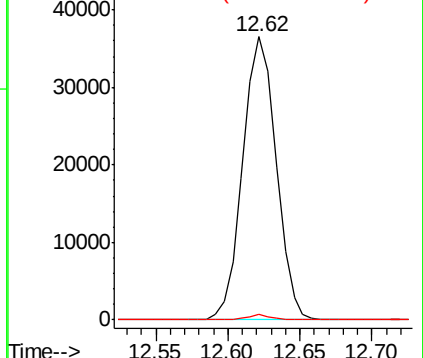
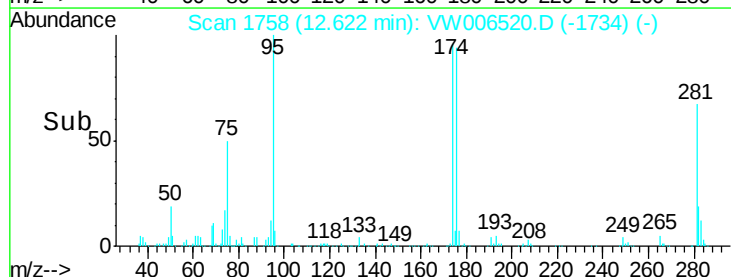
75 100

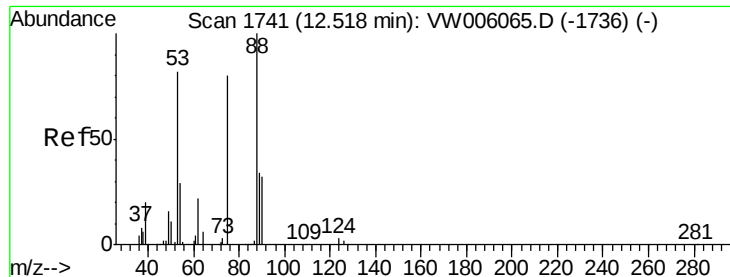
77 1.4 0.0 0.0#



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: 123.56 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006520.D

Acq: 31 Oct 2018 12:33

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBL01

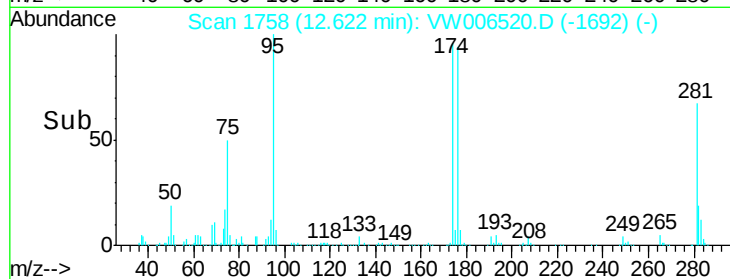
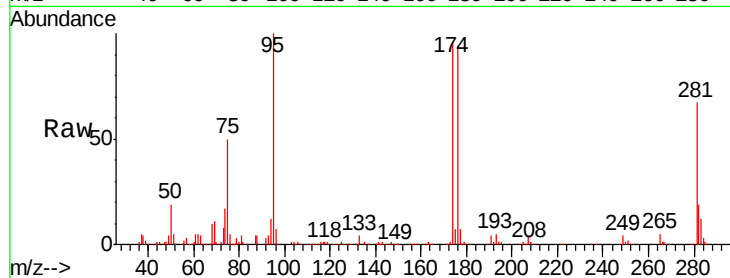
Tgt Ion: 75 Resp: 58799

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.5 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

