

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007722.D
 Acq On : 20 Dec 2018 03:22
 Operator : SY/AP
 Sample : VW1221SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBL02

Quant Time: Dec 20 06:54:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

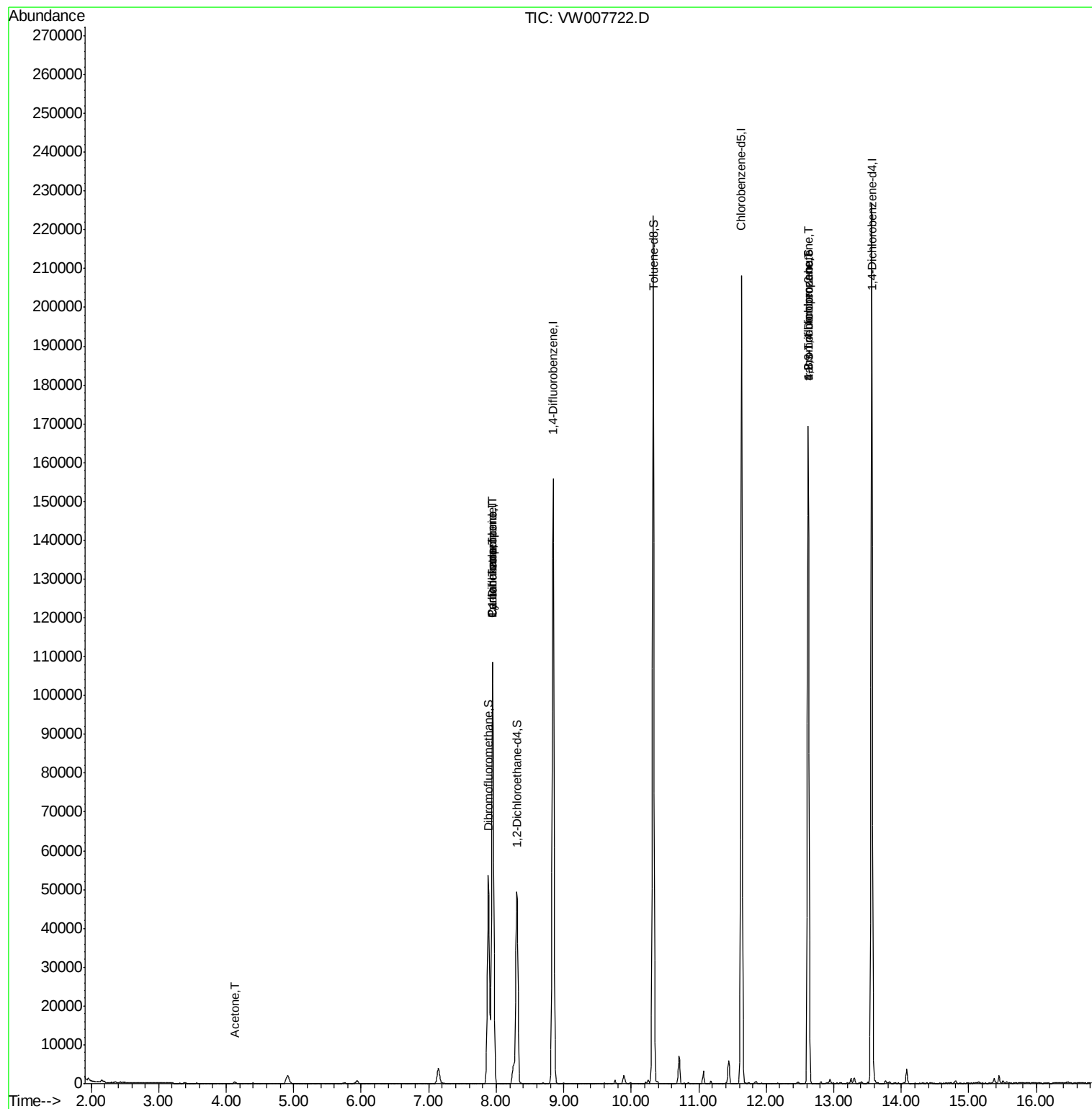
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	78621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	119642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41882	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	7.88	113	38556	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	10.32	98	145378	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.62	95	53965	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
Target Compounds						
16) Acetone	4.13	43	915	5.670	ug/l #	71
20) Methylene Chloride	4.91	84	2007	Below Cal		97
31) Cyclohexane	7.94	56	1704	1.328	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	5894	4.627	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8604	5.735	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	28873	63.073	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	28873	132.395	ug/l #	9

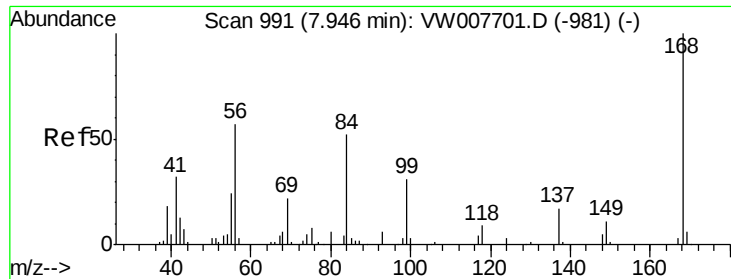
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007722.D

Acq: 20 Dec 2018 03:22

Instrument :

MSVOA_W

ClientSampleId :

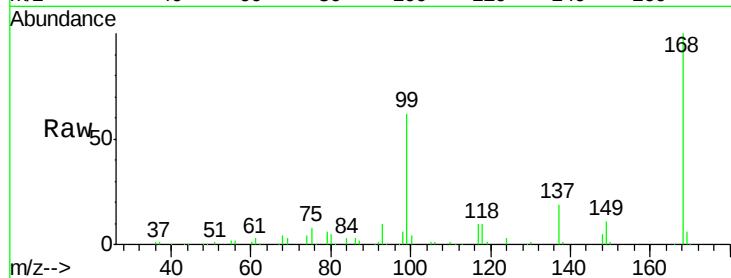
VW1221SBL02

Tgt Ion: 168 Resp: 78621

Ion Ratio Lower Upper

168 100

99 61.6 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

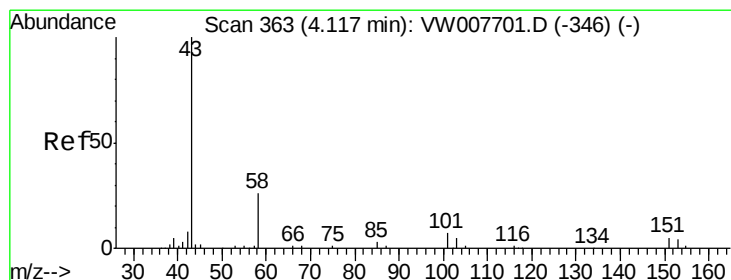
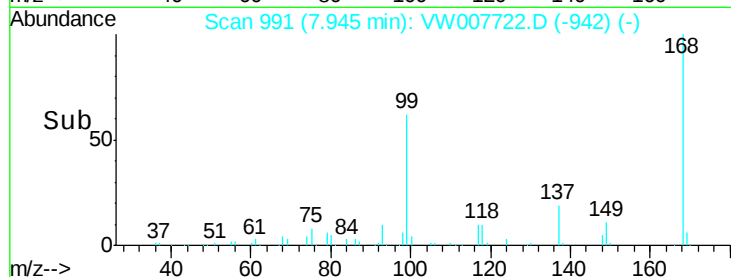
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 5.670 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007722.D

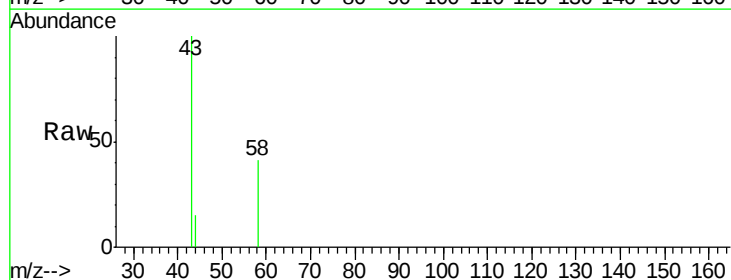
Acq: 20 Dec 2018 03:22

Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

58 41.4 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

300

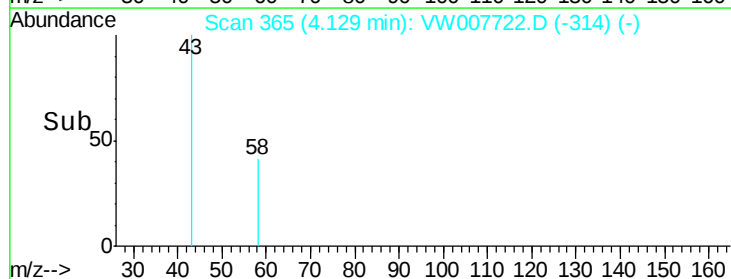
200

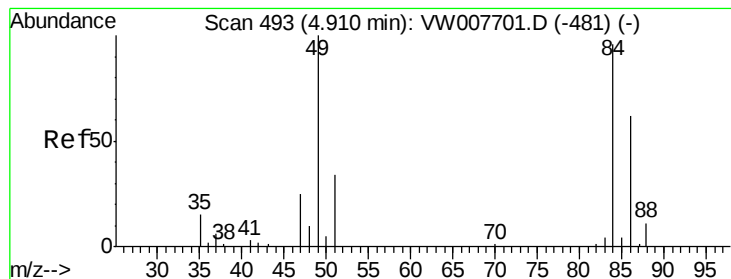
100

0

4.05 4.10 4.15 4.20

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW007722.D

Acq: 20 Dec 2018 03:22

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBL02

Tgt Ion: 84 Resp: 2007

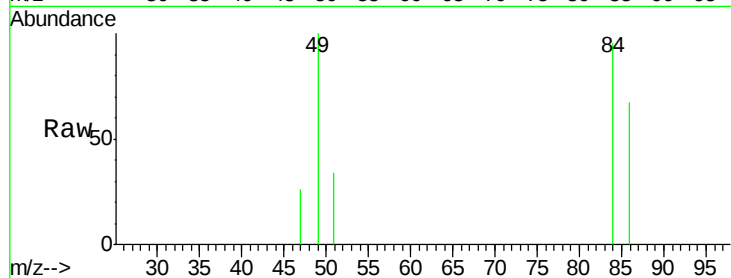
Ion Ratio Lower Upper

84 100

49 105.4 83.7 125.5

51 35.6 28.2 42.2

86 70.4 52.2 78.2

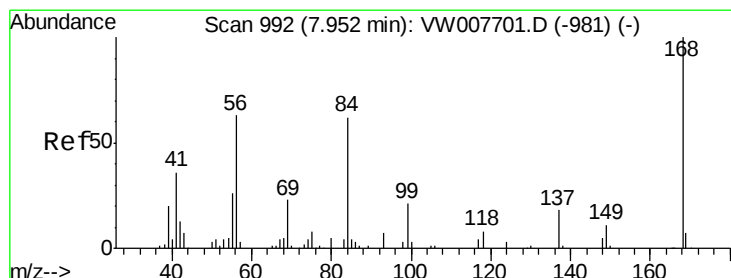
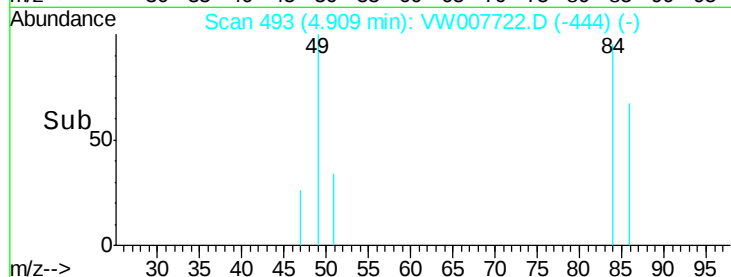
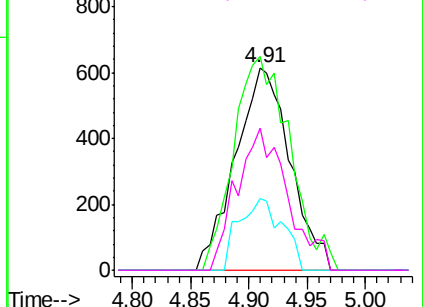


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.328 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007722.D

Acq: 20 Dec 2018 03:22

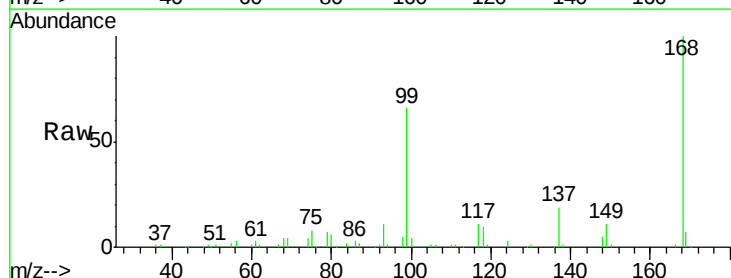
Tgt Ion: 56 Resp: 1704

Ion Ratio Lower Upper

56 100

69 169.2 29.7 44.5#

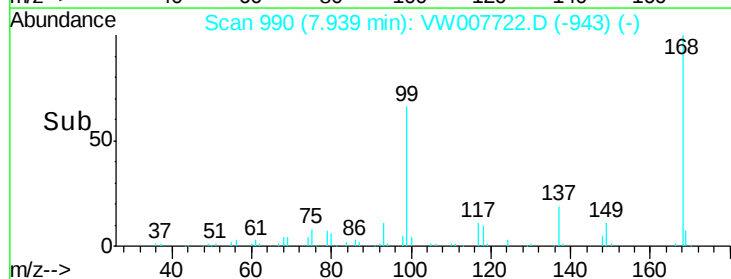
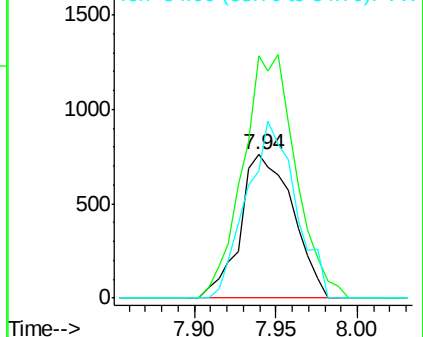
84 88.4 78.9 118.3

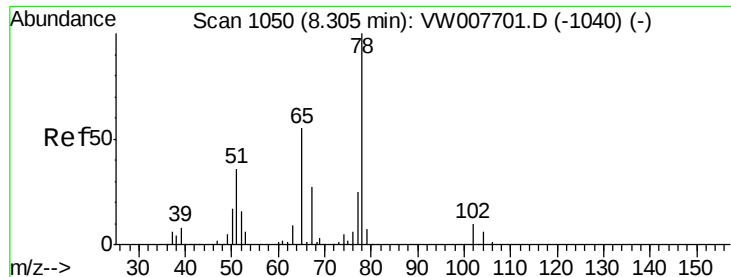


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 48.603 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007722.D

Acq: 20 Dec 2018 03:22

Instrument :

MSVOA_W

ClientSampleId :

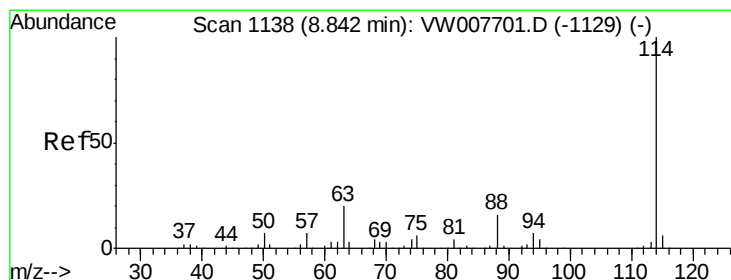
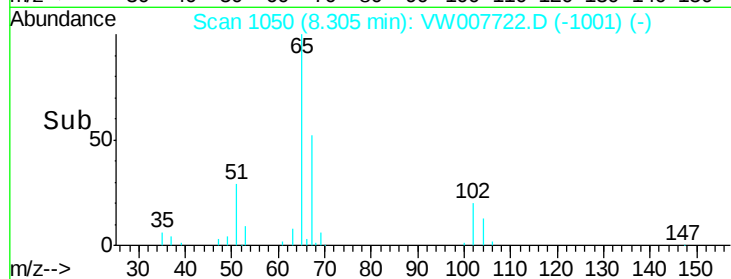
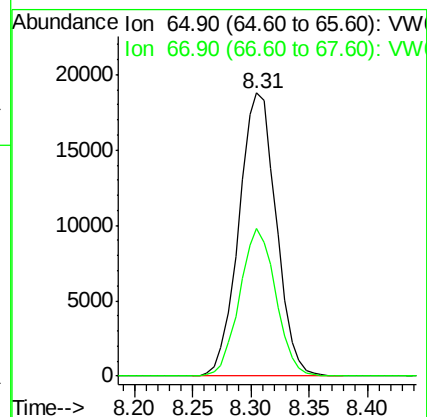
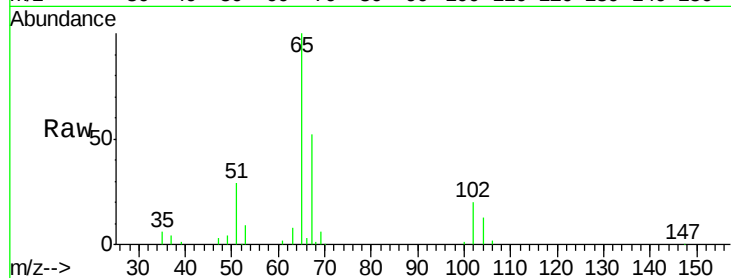
VW1221SBL02

Tgt Ion: 65 Resp: 41882

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007722.D

Acq: 20 Dec 2018 03:22

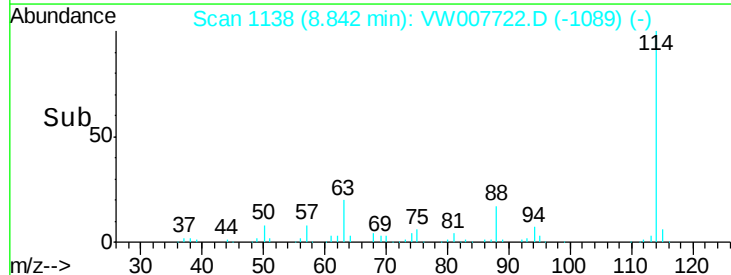
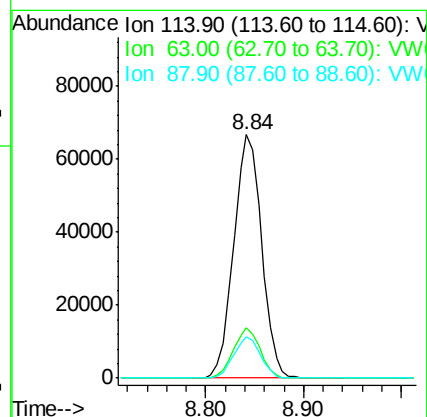
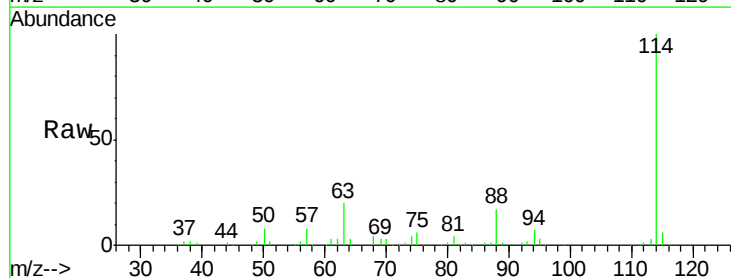
Tgt Ion: 114 Resp: 131980

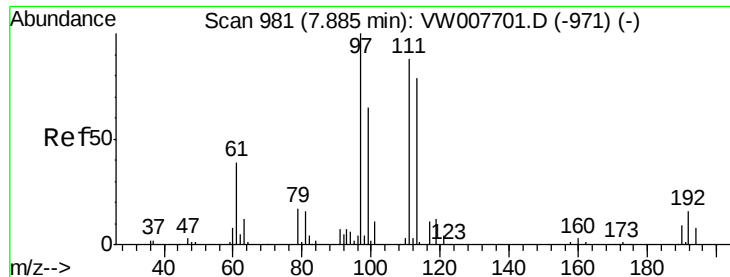
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 16.8 0.0 32.6

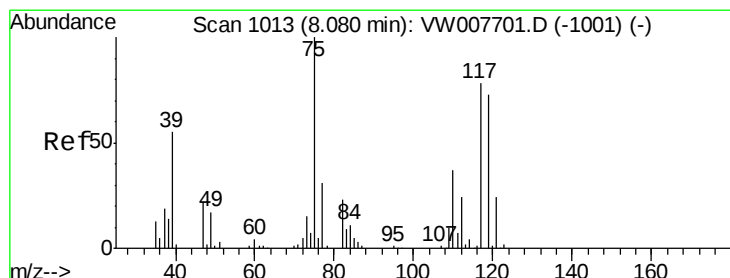
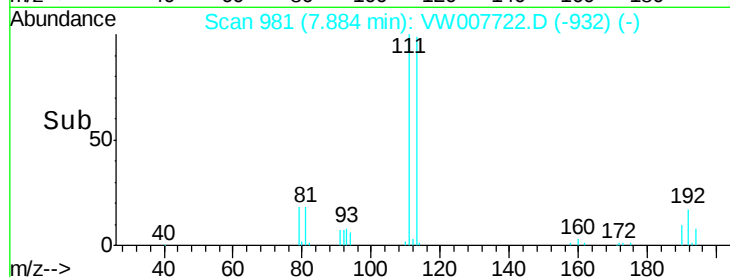
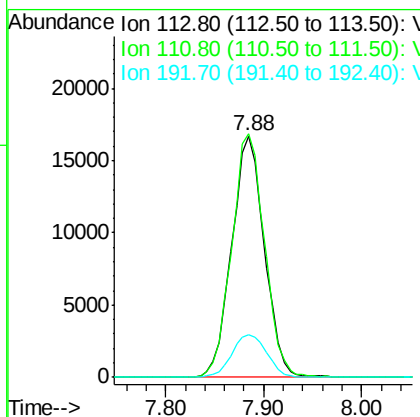
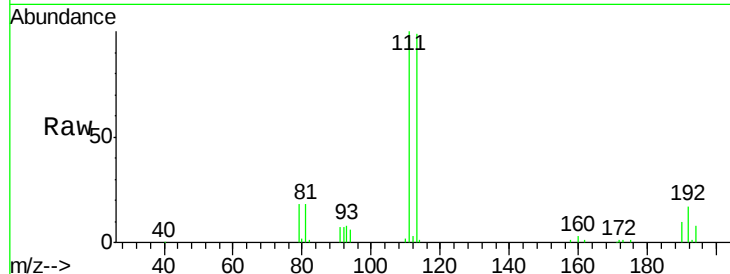




#35
 Dibromofluoromethane
 Concen: 47.887 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007722.D
 Acq: 20 Dec 2018 03:22

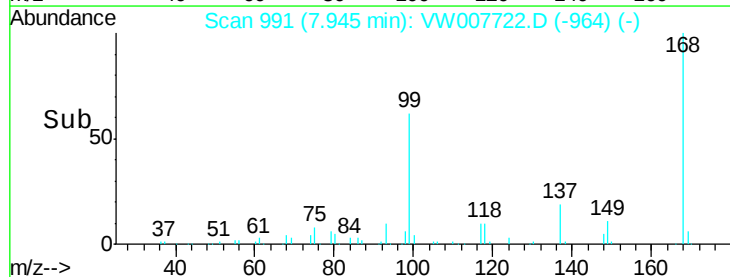
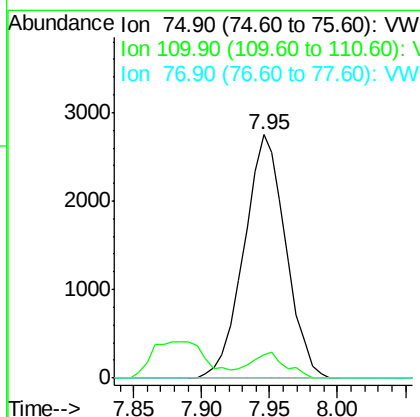
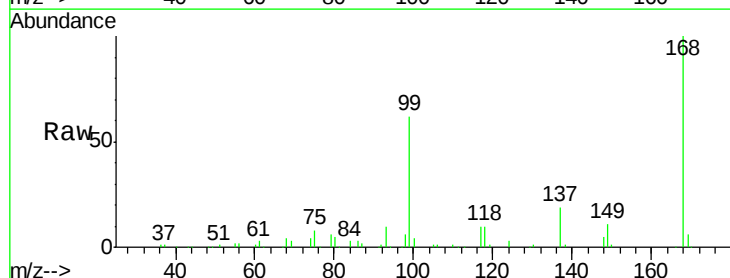
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBL02

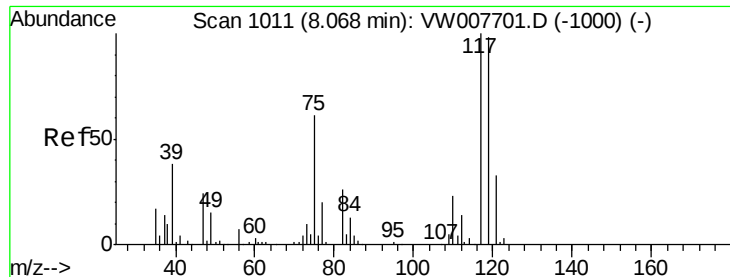
Tgt Ion:113 Resp: 38556
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.6 124.0
 192 18.8 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.627 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007722.D
 Acq: 20 Dec 2018 03:22

Tgt Ion: 75 Resp: 5894
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.6 55.8#
 77 0.0 25.0 37.4#

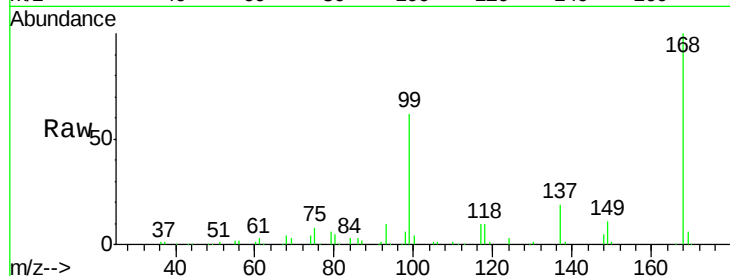




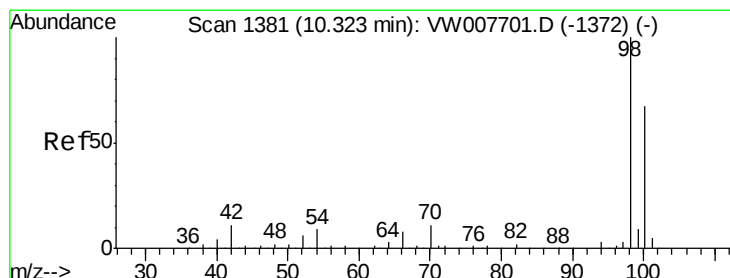
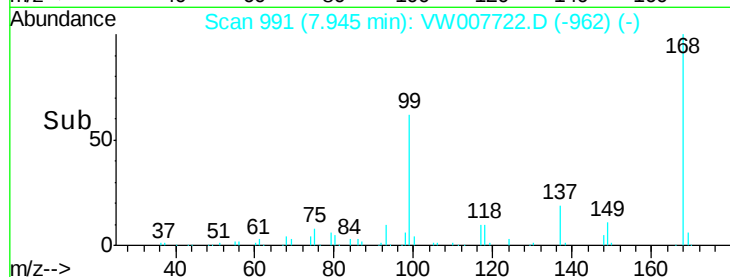
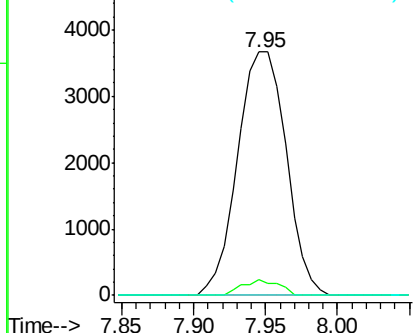
#38
Carbon Tetrachloride
Concen: 5.735 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007722.D
Acq: 20 Dec 2018 03:22

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBL02

Tgt Ion: 117 Resp: 8604
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 26.1 39.1#

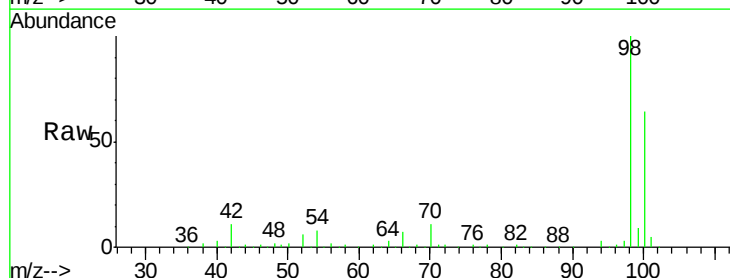


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

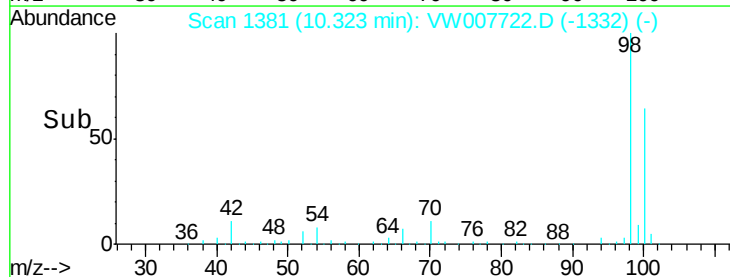
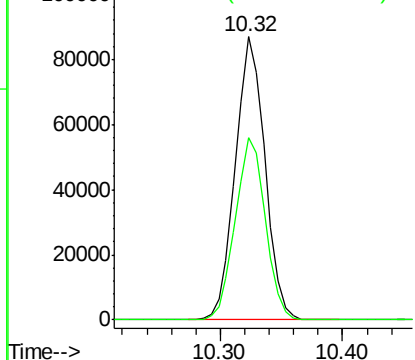


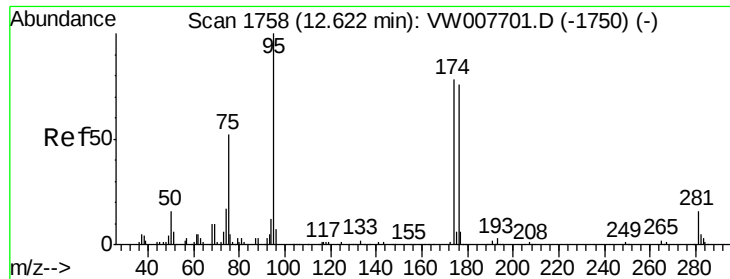
#50
Toluene-d8
Concen: 47.896 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007722.D
Acq: 20 Dec 2018 03:22

Tgt Ion: 98 Resp: 145378
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



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





#62

4-Bromofluorobenzene

Concen: 46.022 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007722.D

Acq: 20 Dec 2018 03:22

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBL02

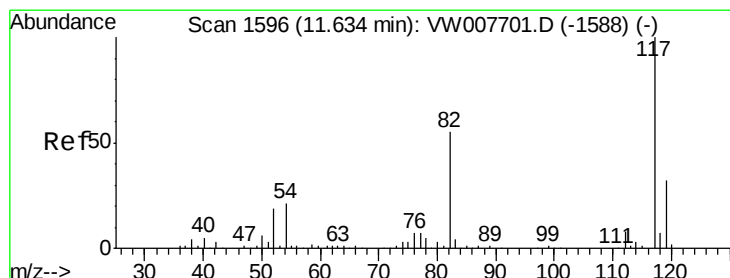
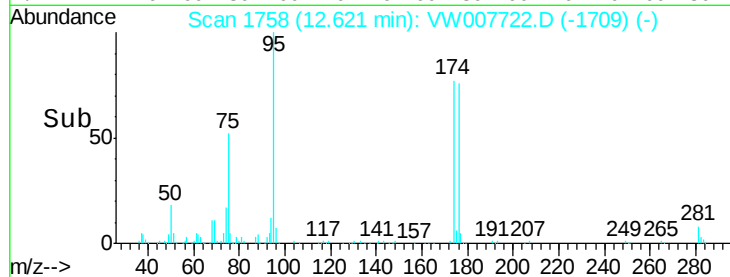
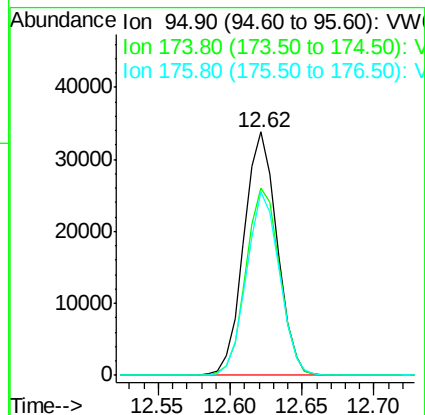
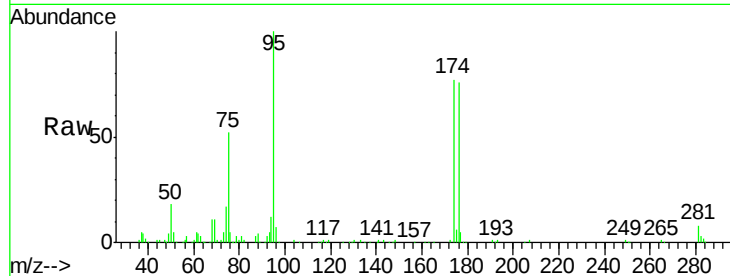
Tgt Ion: 95 Resp: 53965

Ion Ratio Lower Upper

95 100

174 78.4 0.0 152.2

176 74.6 0.0 146.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007722.D

Acq: 20 Dec 2018 03:22

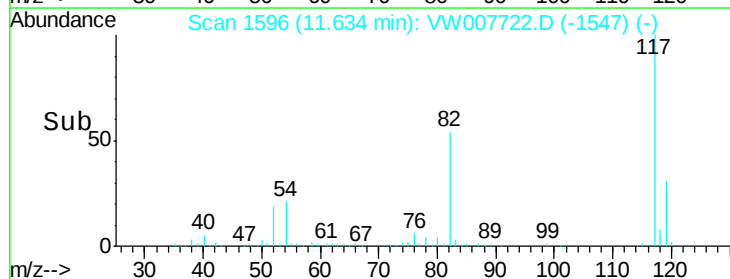
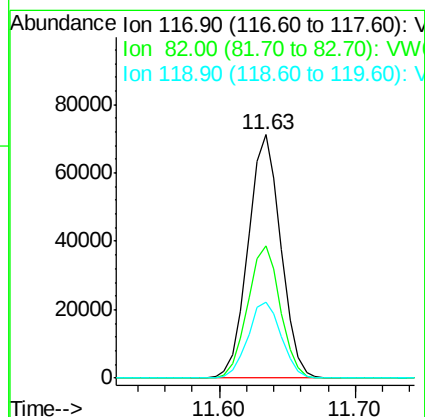
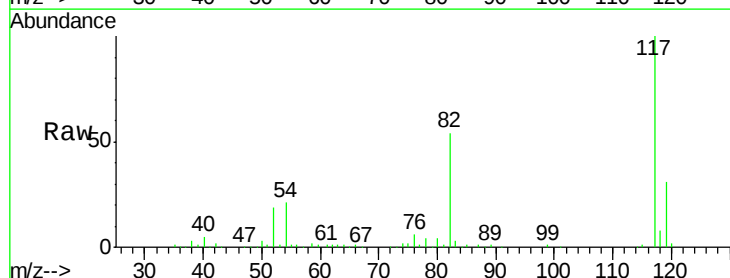
Tgt Ion: 117 Resp: 119642

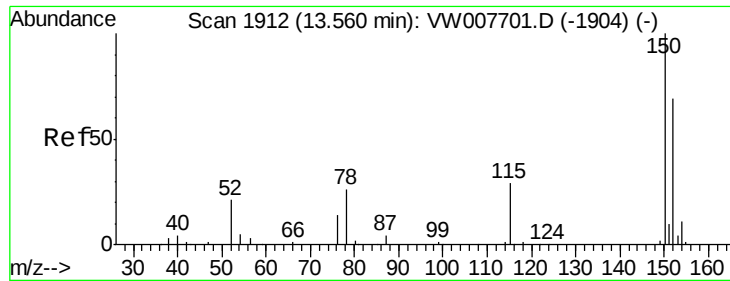
Ion Ratio Lower Upper

117 100

82 54.5 44.3 66.5

119 31.4 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007722.D

Acq: 20 Dec 2018 03:22

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBL02

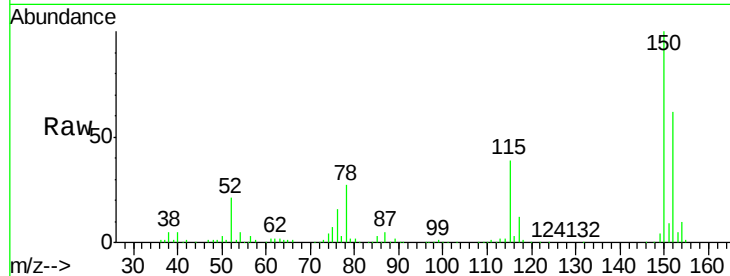
Tgt Ion: 152 Resp: 59227

Ion Ratio Lower Upper

152 100

115 63.1 31.8 95.4

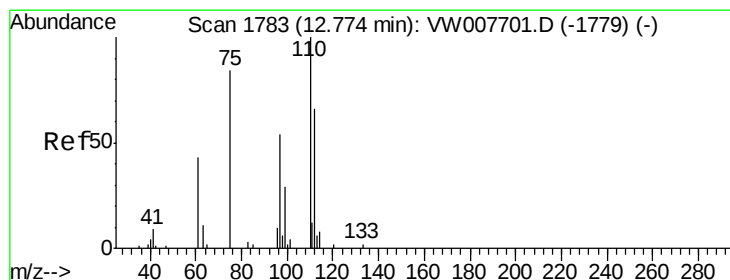
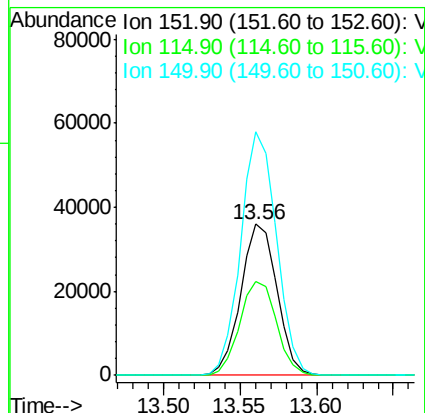
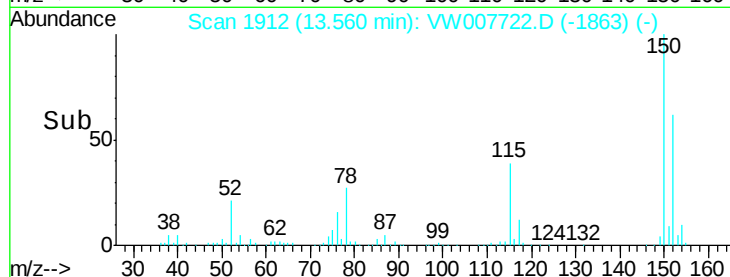
150 159.0 0.0 350.8



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: 63.073 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007722.D

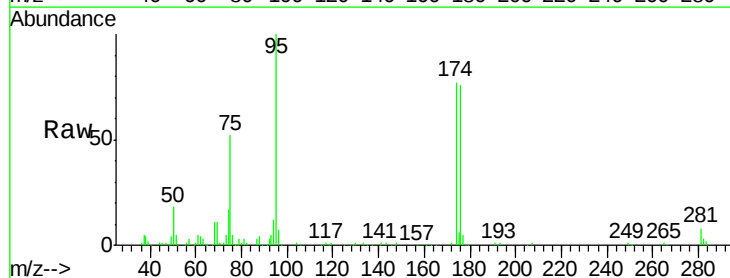
Acq: 20 Dec 2018 03:22

Tgt Ion: 75 Resp: 28873

Ion Ratio Lower Upper

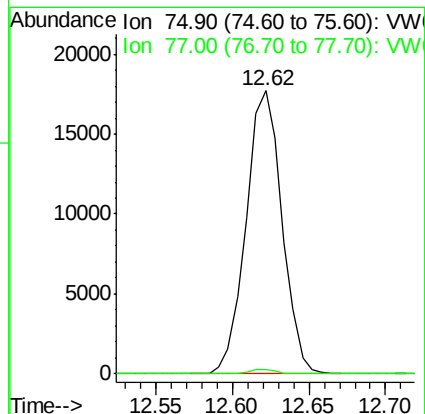
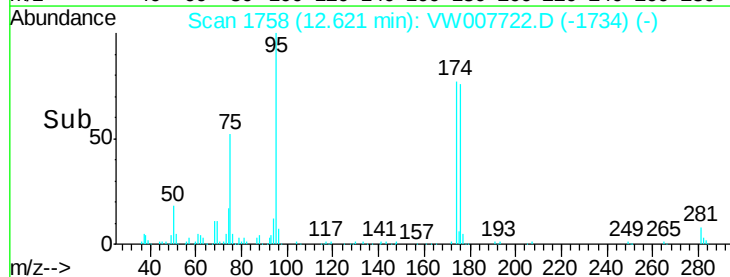
75 100

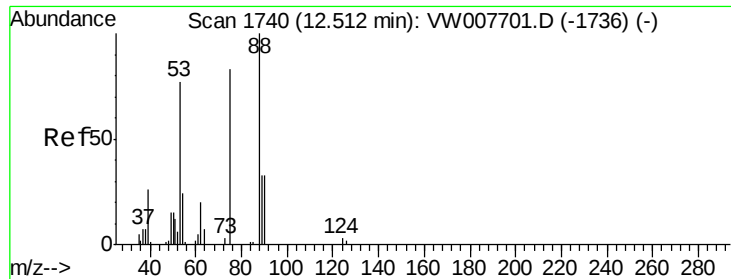
77 1.1 0.0 0.0#



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: 132.395 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007722.D

Acq: 20 Dec 2018 03:22

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBL02

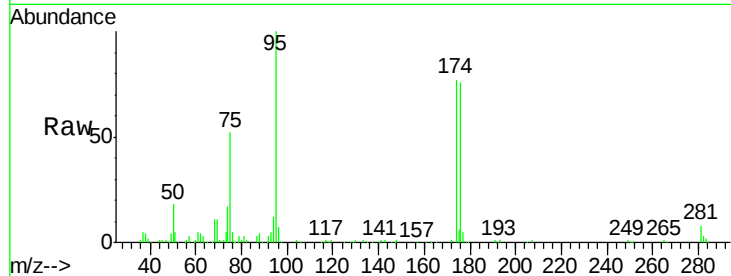
Tgt Ion: 75 Resp: 28873

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.1 39.2 58.8#



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

