

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007737.D
 Acq On : 20 Dec 2018 09:50
 Operator : SY/AP
 Sample : J6386-05RE
 Misc : 3.87G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS005-0006-01

Quant Time: Dec 20 10:35:19 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

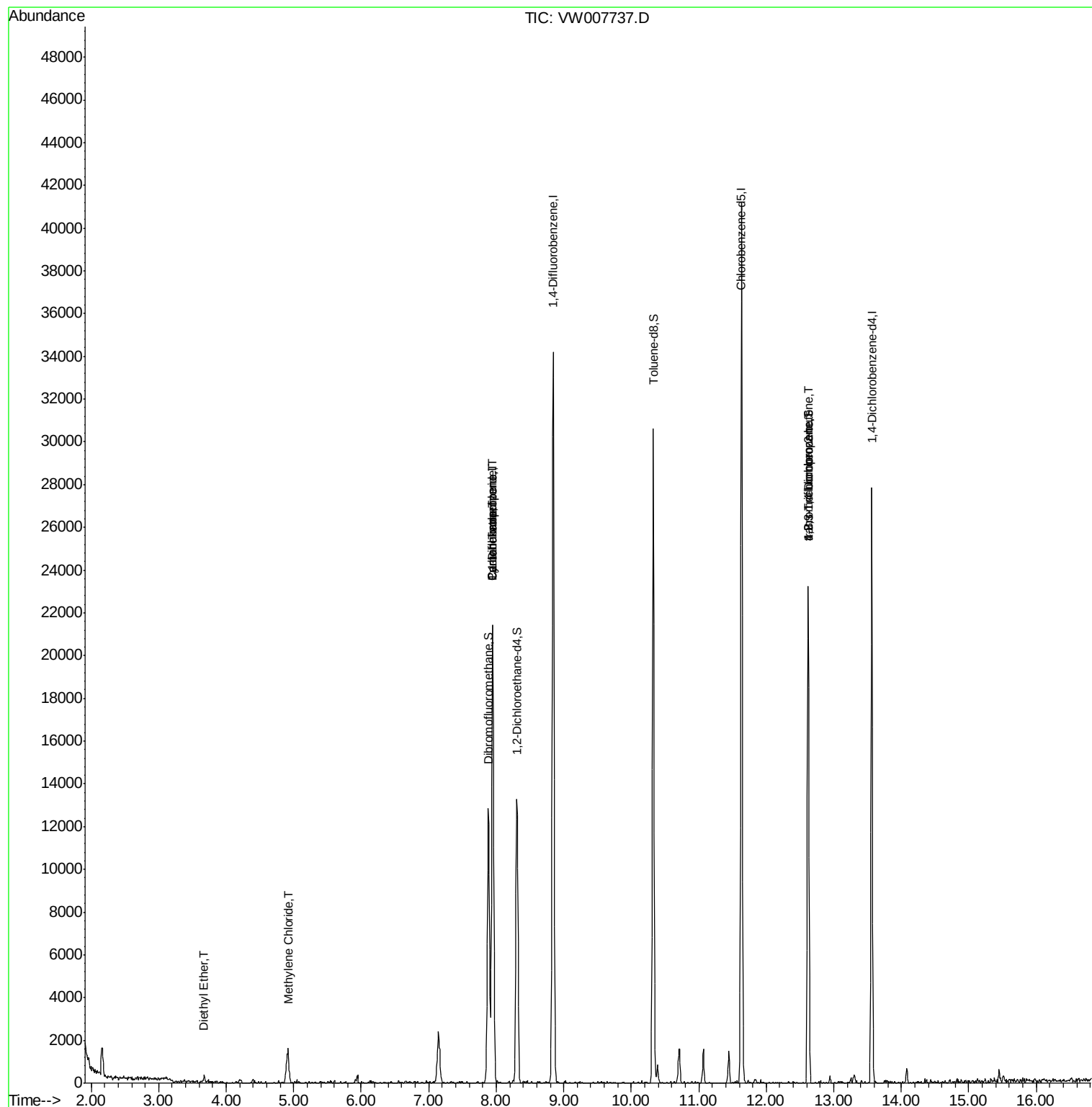
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	15711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	30589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	23592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11730	68.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.24%	
35) Dibromofluoromethane	7.88	113	9424	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.32	98	21031	29.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.80%	
62) 4-Bromofluorobenzene	12.62	95	7279	26.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.56%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.67	74	112	1.609	ug/l	61
20) Methylene Chloride	4.92	84	1195	1.264	ug/l #	91
31) Cyclohexane	7.95	56	307	1.198	ug/l #	48
36) 1,1-Dichloropropene	7.95	75	1251	4.237	ug/l #	40
38) Carbon Tetrachloride	7.95	117	1665	4.789	ug/l #	11
76) 1,2,3-Trichloropropane	12.62	75	3752	65.760	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	3752	138.035	ug/l #	9

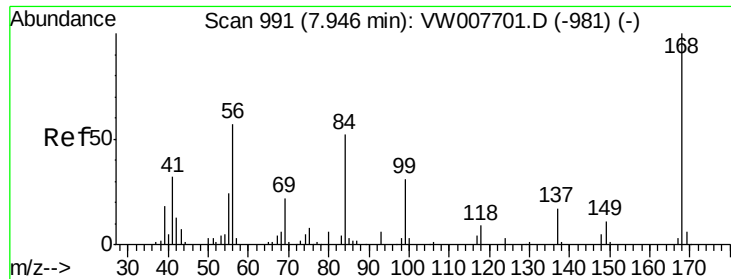
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122118\
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P001-SS005-0006-01

Quant Time: Dec 20 10:35:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007737.D

Acq: 20 Dec 2018 09:50

Instrument :

MSVOA_W

ClientSampleId :

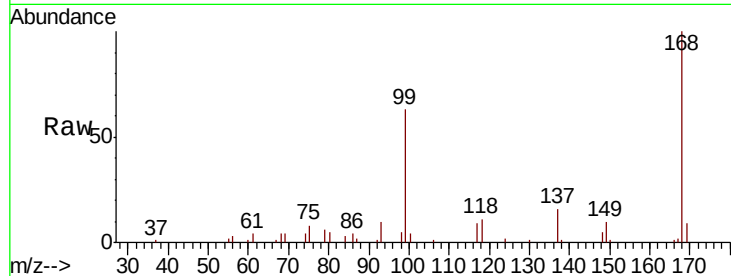
P001-SS005-0006-01

Tot Ion:168 Resp: 15711

Ion Ratio Lower Upper

168 100

99 63.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

8000

6000

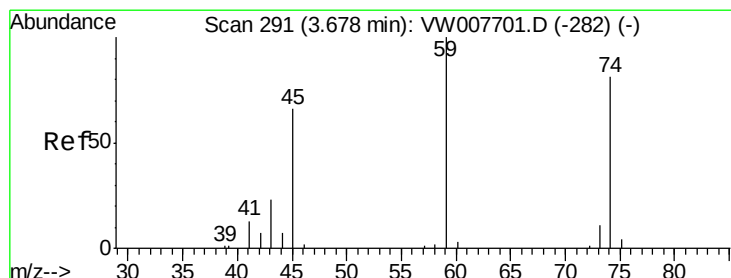
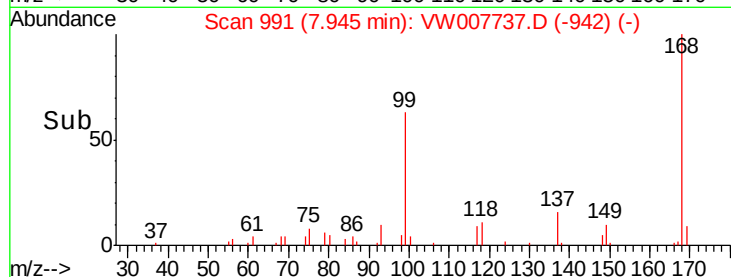
4000

2000

0

Time-->

7.85 7.90 7.95 8.00



#8

Diethyl Ether

Concen: 1.609 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW007737.D

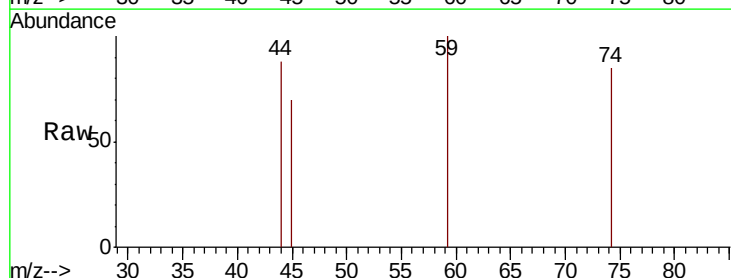
Acq: 20 Dec 2018 09:50

Tgt Ion: 74 Resp: 112

Ion Ratio Lower Upper

74 100

45 44.6 39.4 118.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

100

80

60

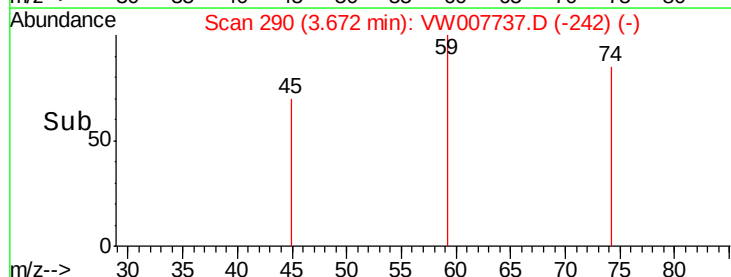
40

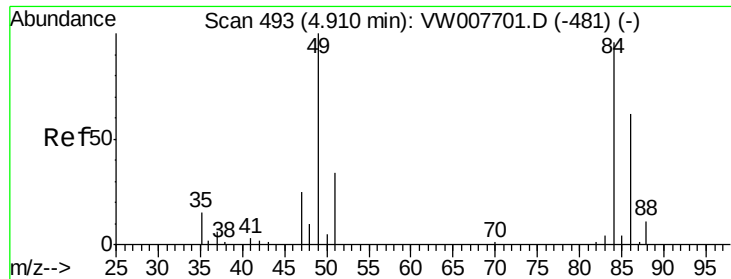
20

0

Time-->

3.64 3.66 3.68 3.70





#20

Methylene Chloride

Concen: 1.264 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007737.D

Acq: 20 Dec 2018 09:50

Instrument :

MSVOA_W

ClientSampleId :

P001-SS005-0006-01

Tot Ion: 84 Resp: 1195

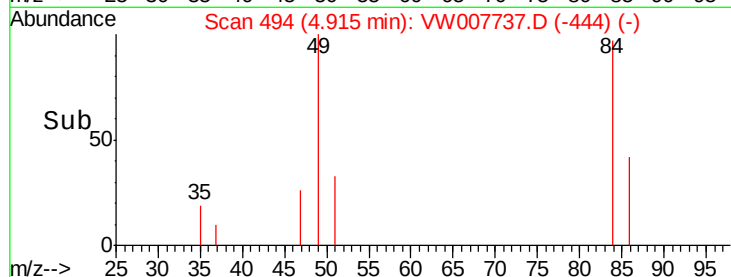
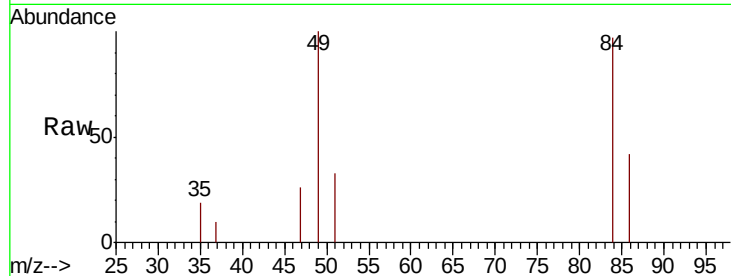
Ion Ratio Lower Upper

84 100

49 103.5 83.7 125.5

51 34.2 28.2 42.2

86 43.8 52.2 78.2#

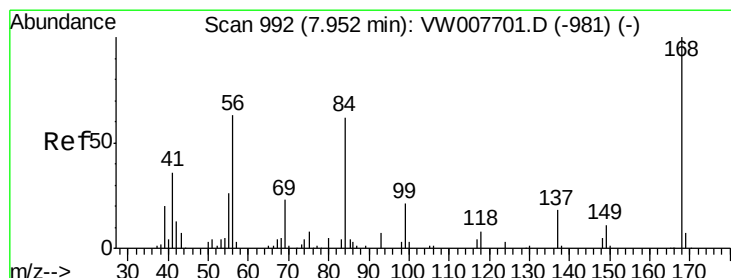
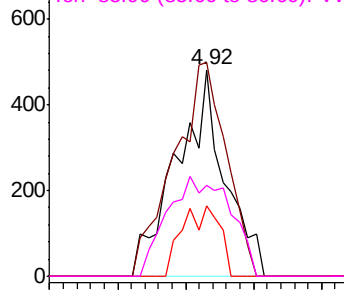


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.198 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007737.D

Acq: 20 Dec 2018 09:50

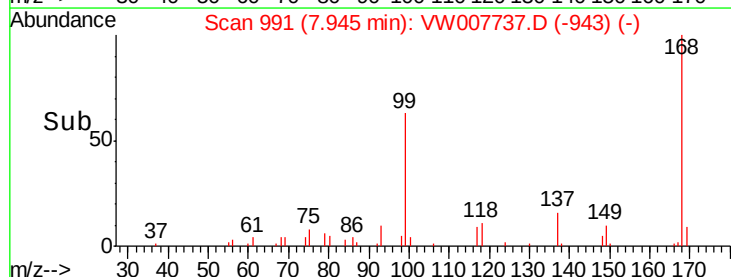
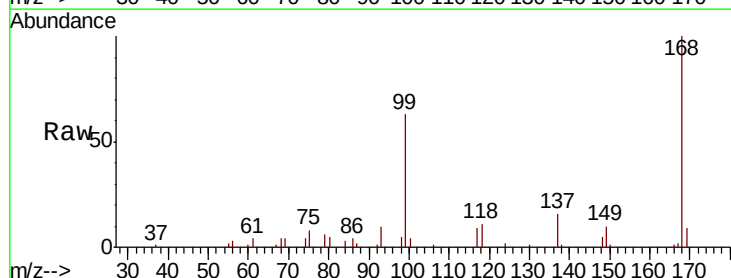
Tgt Ion: 56 Resp: 307

Ion Ratio Lower Upper

56 100

69 143.4 29.7 44.5#

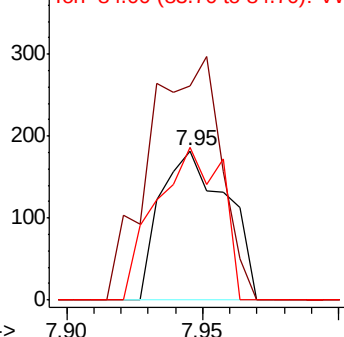
84 102.7 78.9 118.3

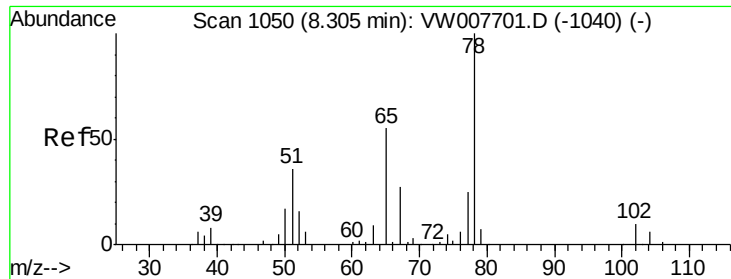


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

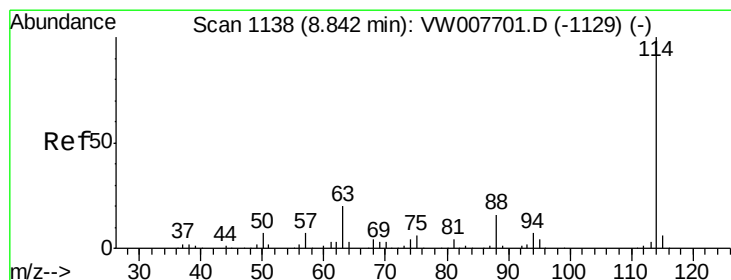
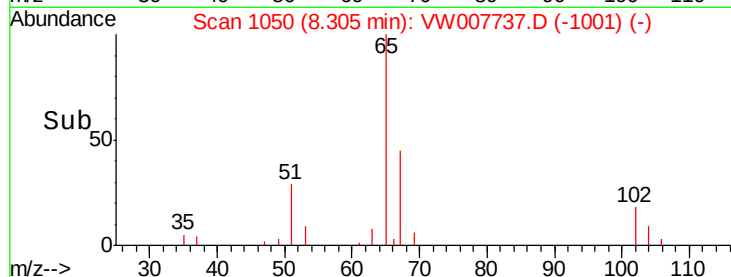
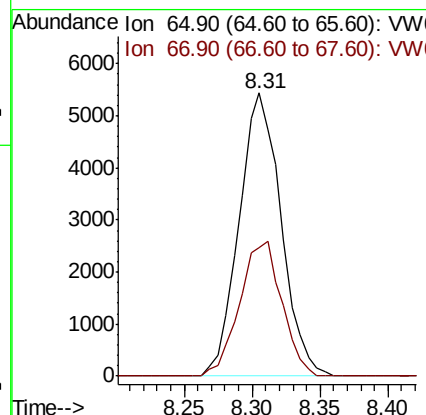
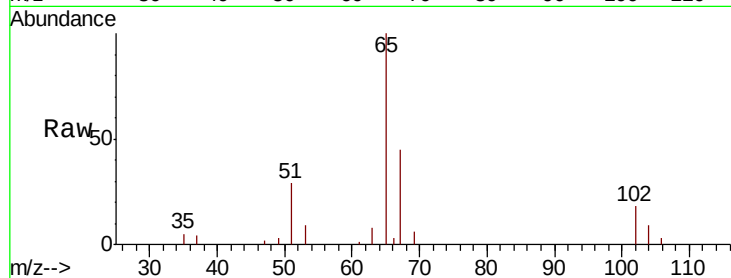




#33
 1,2-Dichloroethane-d4
 Concen: 68.119 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007737.D
 Acq: 20 Dec 2018 09:50

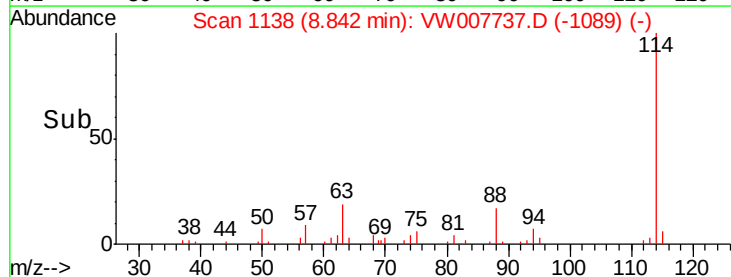
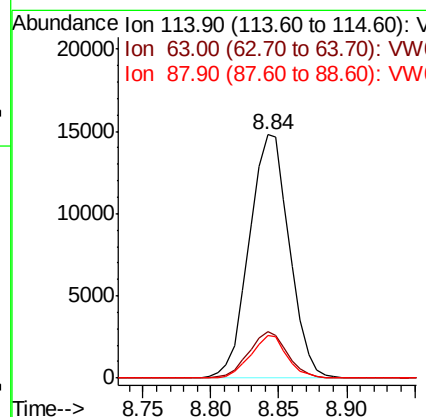
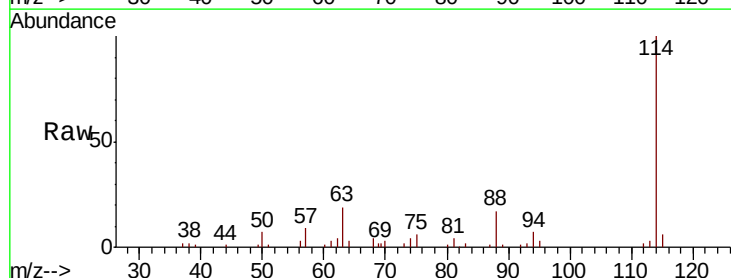
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS005-0006-01

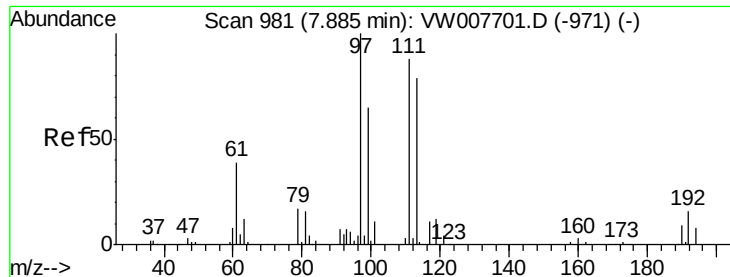
Tot Ion: 65 Resp: 11730
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007737.D
 Acq: 20 Dec 2018 09:50

Tgt Ion: 114 Resp: 30589
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 17.3 0.0 32.6

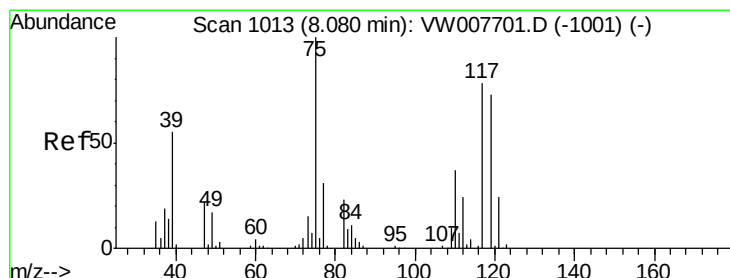
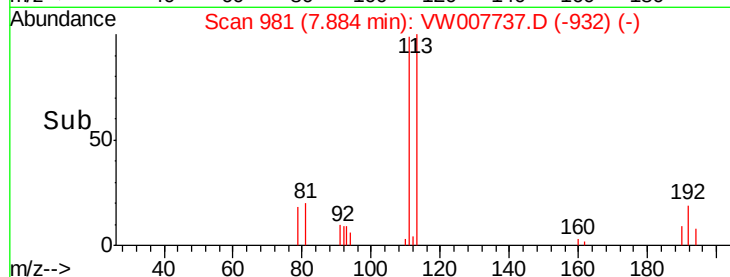
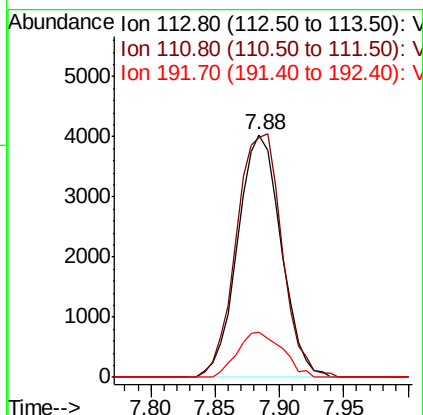
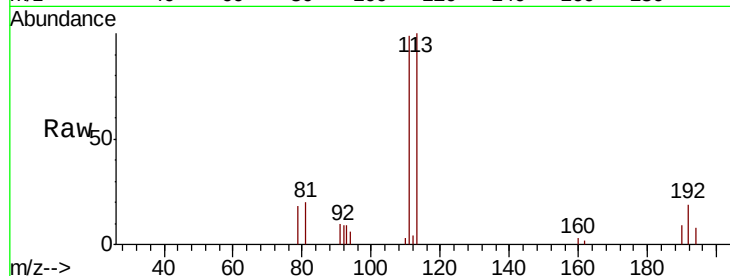




#35
 Dibromofluoromethane
 Concen: 50.501 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007737.D
 Acq: 20 Dec 2018 09:50

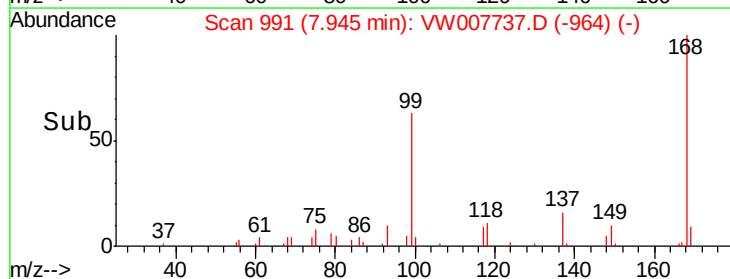
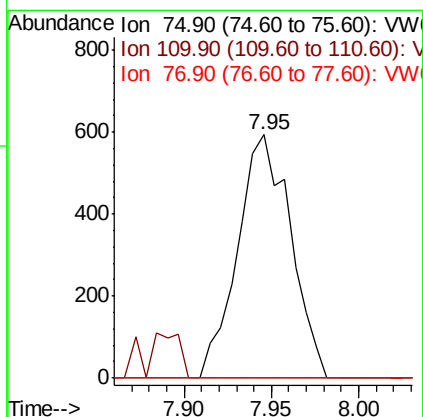
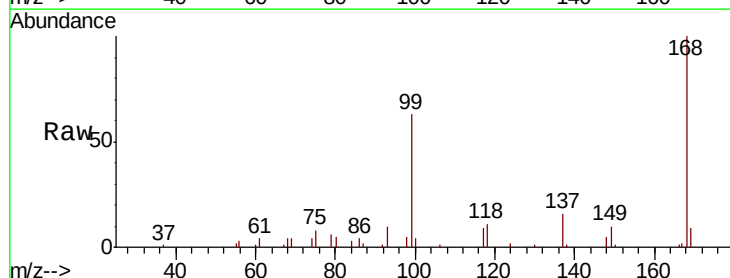
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS005-0006-01

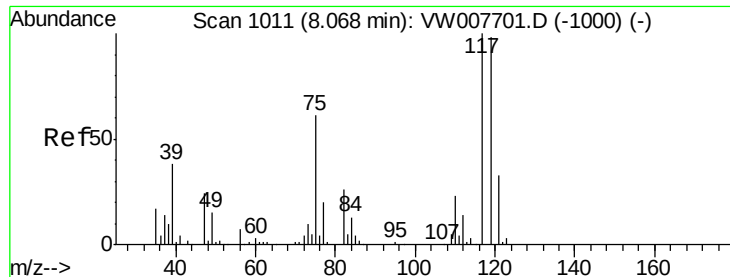
Tot Ion:113 Resp: 9424
 Ion Ratio Lower Upper
 113 100
 111 105.3 82.6 124.0
 192 19.2 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.237 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007737.D
 Acq: 20 Dec 2018 09:50

Tgt Ion: 75 Resp: 1251
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.6 55.8#
 77 0.0 25.0 37.4#

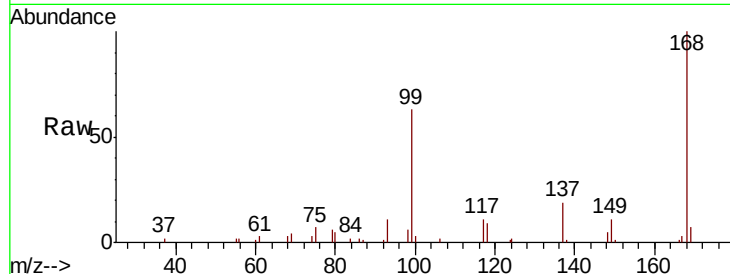




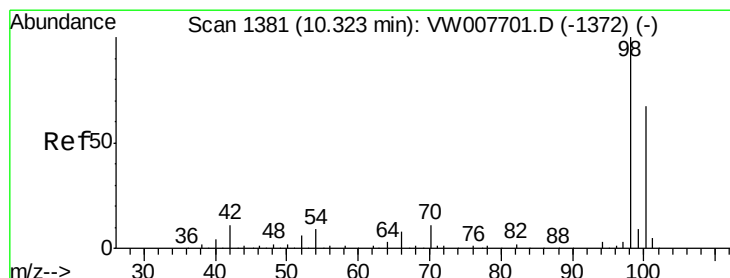
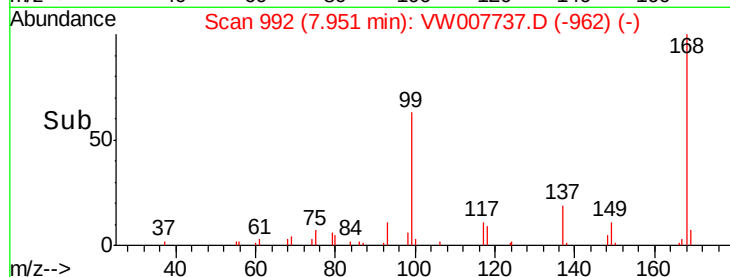
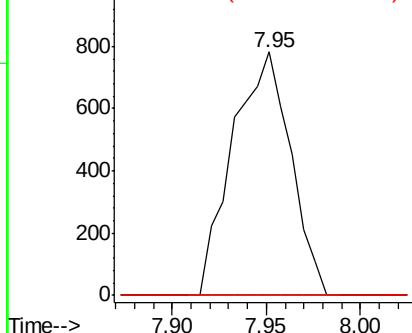
#38
Carbon Tetrachloride
Concen: 4.789 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007737.D
Acq: 20 Dec 2018 09:50

Instrument :
MSVOA_W
ClientSampleId :
P001-SS005-0006-01

Tot Ion:117 Resp: 1665
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 26.1 39.1#

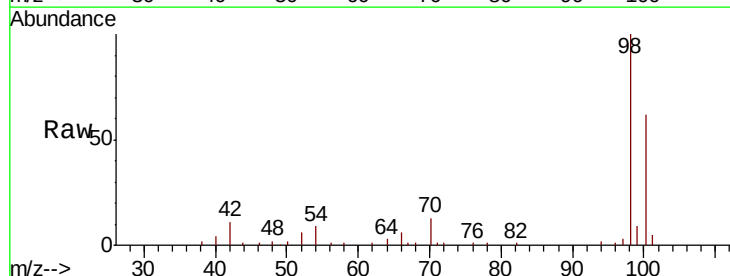


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

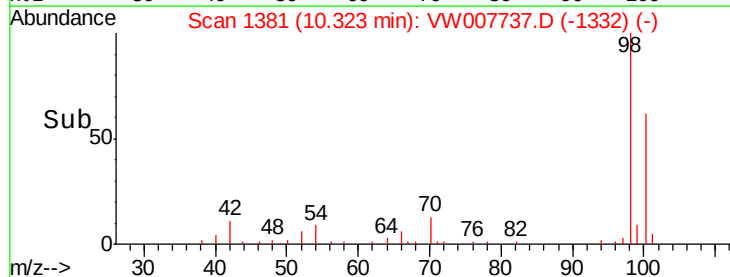
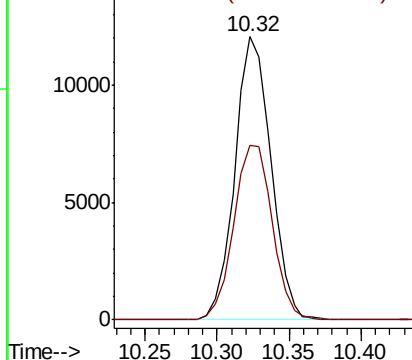


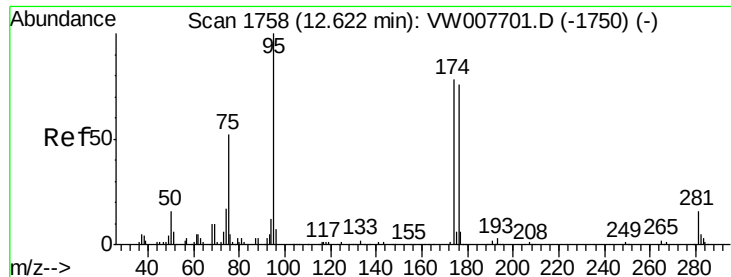
#50
Toluene-d8
Concen: 29.895 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007737.D
Acq: 20 Dec 2018 09:50

Tgt Ion: 98 Resp: 21031
Ion Ratio Lower Upper
98 100
100 65.7 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: 26.783 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007737.D

Acq: 20 Dec 2018 09:50

Instrument :

MSVOA_W

ClientSampleId :

P001-SS005-0006-01

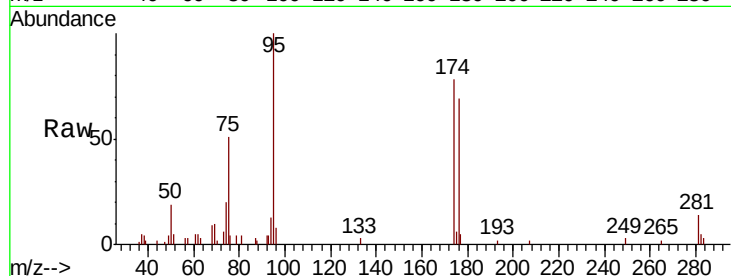
Tot Ion: 95 Resp: 7279

Ion Ratio Lower Upper

95 100

174 79.2 0.0 152.2

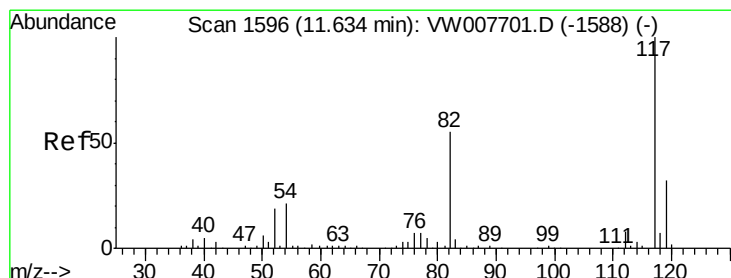
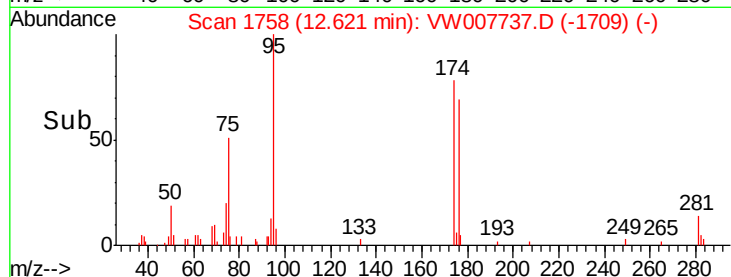
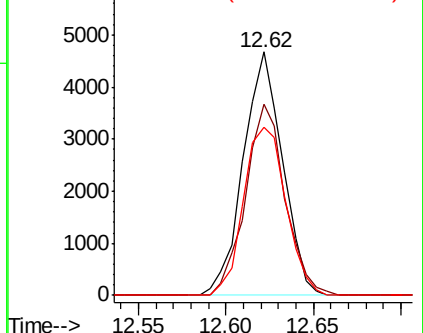
176 74.9 0.0 146.8



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: VW007737.D

Acq: 20 Dec 2018 09:50

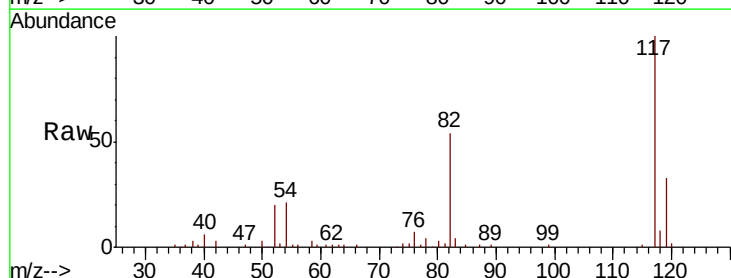
Tgt Ion: 117 Resp: 23592

Ion Ratio Lower Upper

117 100

82 53.6 44.3 66.5

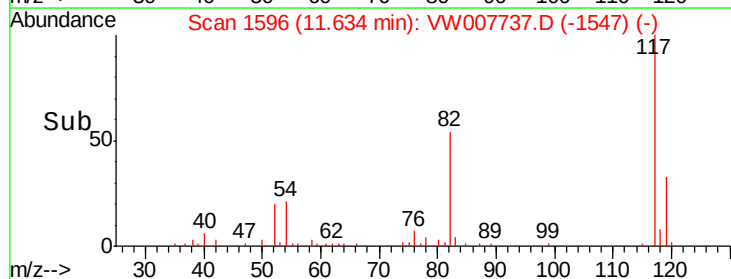
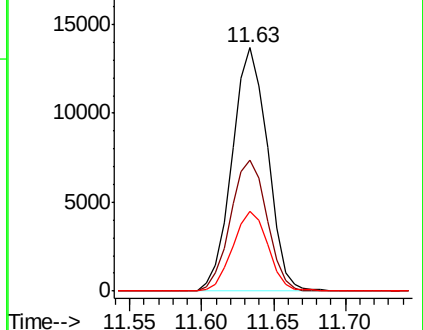
119 32.7 25.7 38.5

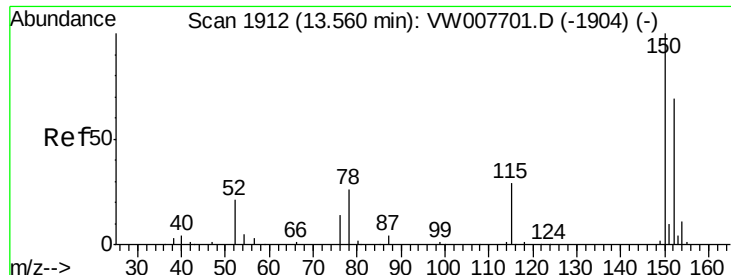


Abundance Ion 116.90 (116.60 to 117.60): VW

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. -0.00 min

Lab File: VW007737.D

Acq: 20 Dec 2018 09:50

Instrument :

MSVOA_W

ClientSampleId :

P001-SS005-0006-01

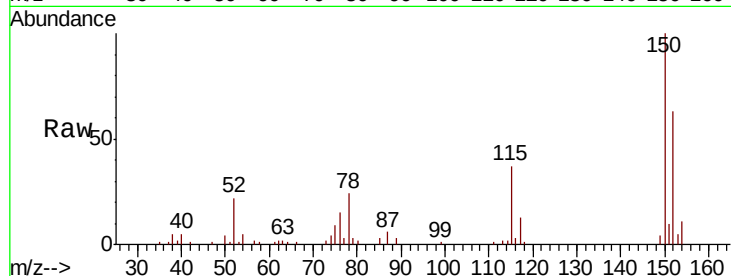
Tot Ion:152 Resp: 7382

Ion Ratio Lower Upper

152 100

115 61.1 31.8 95.4

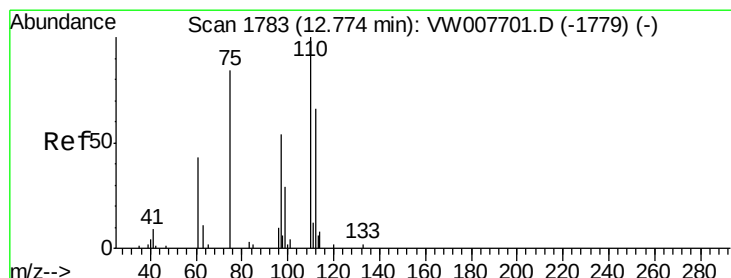
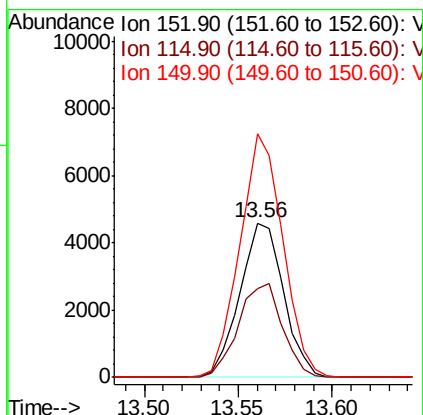
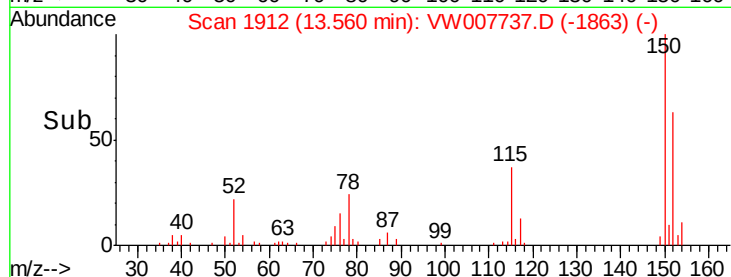
150 155.7 0.0 350.8



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: 65.760 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007737.D

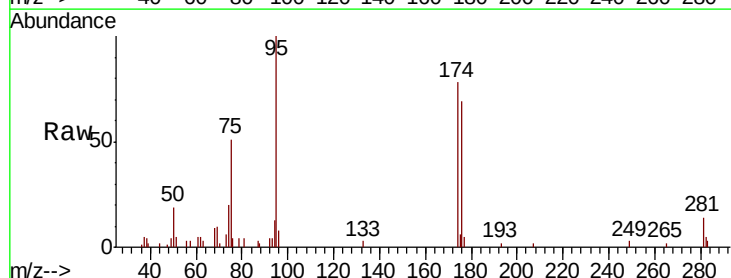
Acq: 20 Dec 2018 09:50

Tgt Ion: 75 Resp: 3752

Ion Ratio Lower Upper

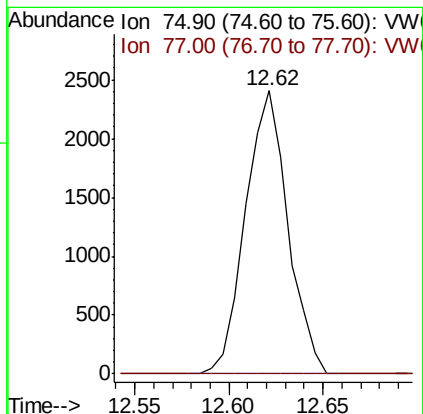
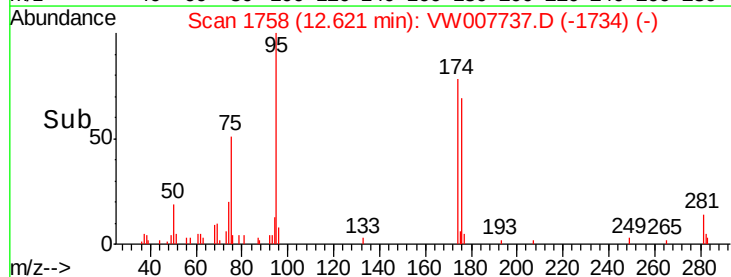
75 100

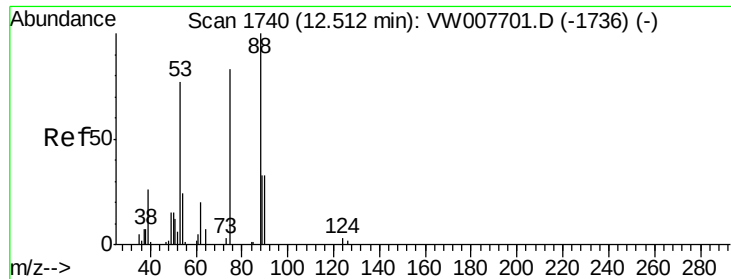
77 0.0 0.0 0.0



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: 138.035 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007737.D

Acq: 20 Dec 2018 09:50

Instrument :

MSVOA_W

ClientSampleId :

P001-SS005-0006-01

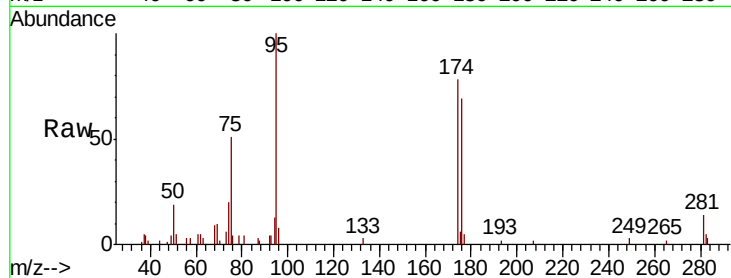
Tot Ion: 75 Resp: 3752

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 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

