

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008694.D
 Acq On : 15 Feb 2019 19:33
 Operator : SY/VA
 Sample : K1515-05
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 00:36:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

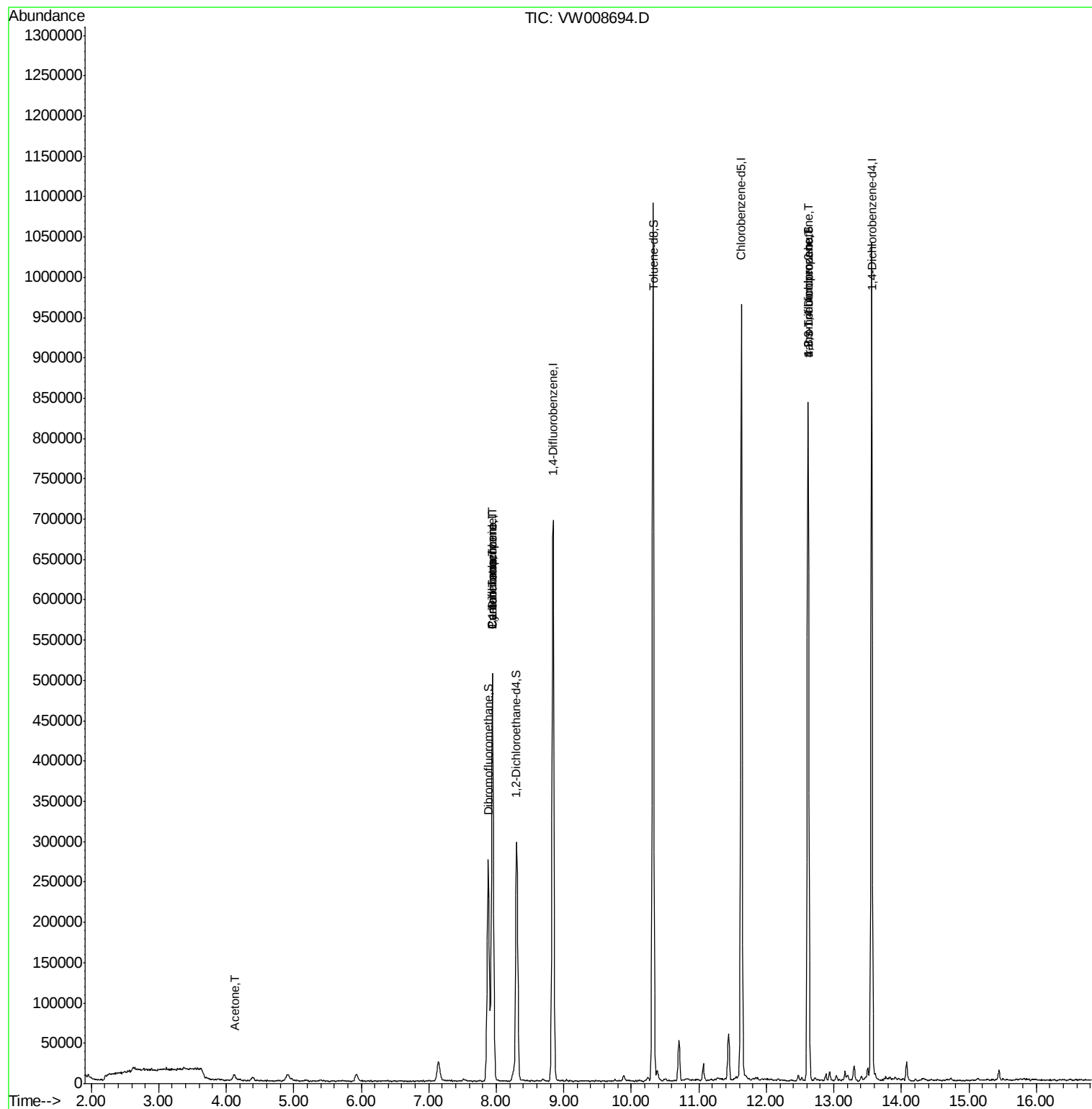
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	387769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	585443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	527622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	257922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	223352	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
35) Dibromofluoromethane	7.88	113	188332	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
50) Toluene-d8	10.32	98	692918	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.62	95	247480	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	13476	14.690	ug/l	95
20) Methylene Chloride	4.92	84	6872	Below Cal	#	76
31) Cyclohexane	7.94	56	8490	1.152	ug/l #	26
36) 1,1-Dichloropropene	7.95	75	28845	4.904	ug/l #	51
38) Carbon Tetrachloride	7.95	117	36619	6.261	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	128326	50.386	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	128326	108.013	ug/l #	7

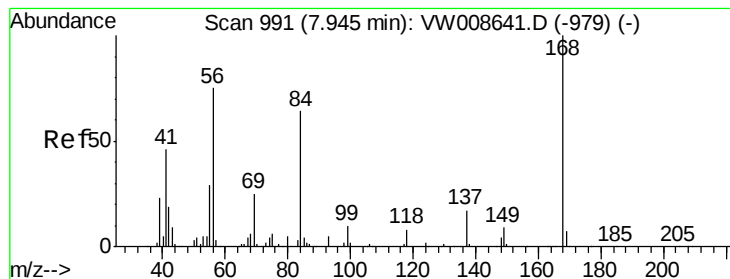
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
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: VW008694.D

Acq: 15 Feb 2019 19:33

Instrument :

MSVOA_W

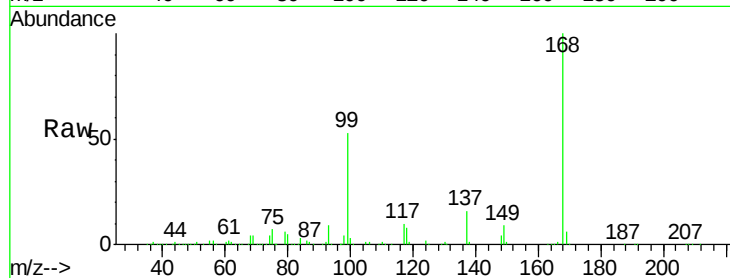
ClientSampleId :

Tot Ion:168 Resp: 387769

Ion Ratio Lower Upper

168 100

99 53.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

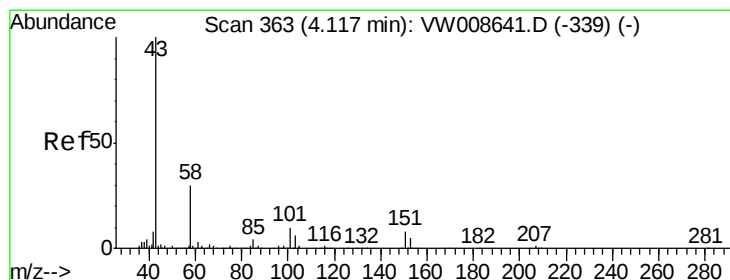
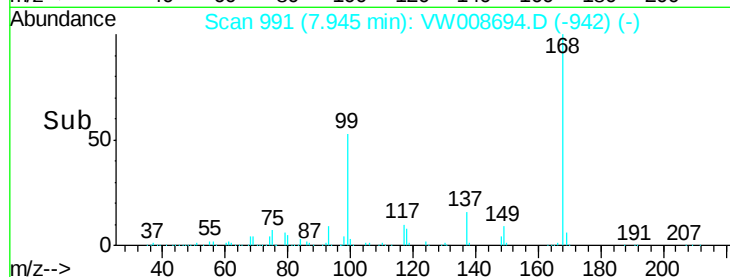
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 14.690 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008694.D

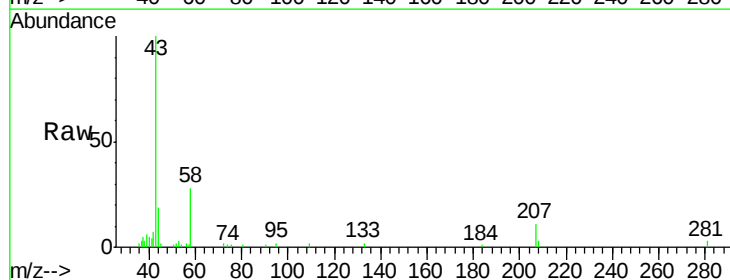
Acq: 15 Feb 2019 19:33

Tgt Ion: 43 Resp: 13476

Ion Ratio Lower Upper

43 100

58 27.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

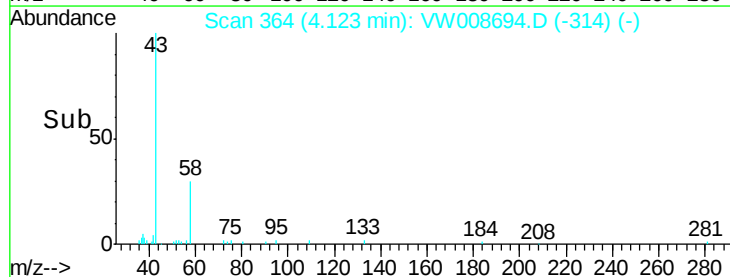
3000

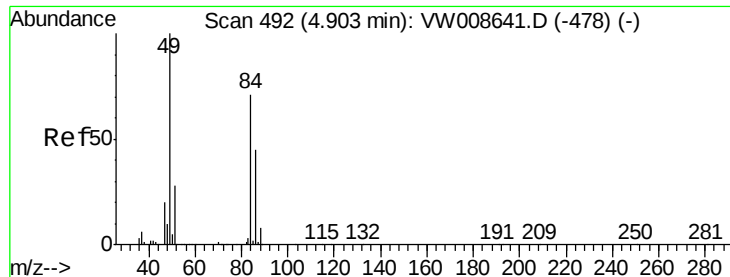
2000

1000

0

Time--> 4.00 4.10 4.20





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

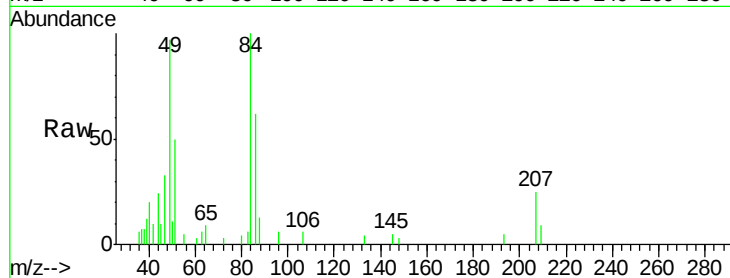
Delta R.T. 0.01 min

Lab File: VW008694.D

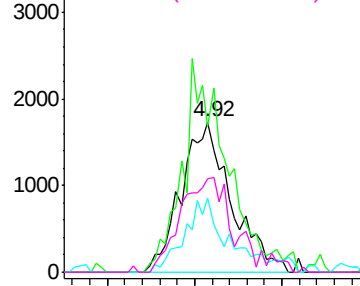
Acq: 15 Feb 2019 19:33

Instrument :
MSVOA_W
ClientSampleId :

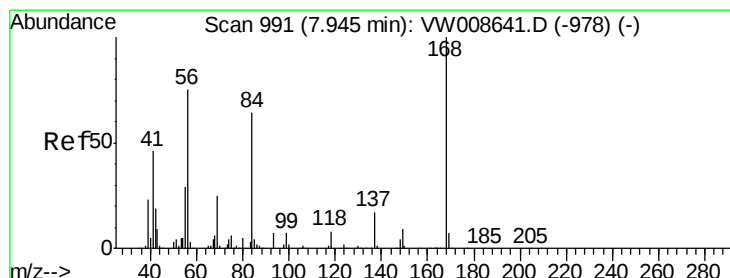
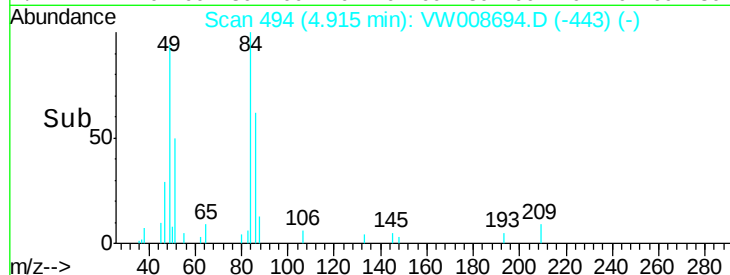
Tot Ion:	84	Resp:	6872
Ion	Ratio	Lower	Upper
84	100		
49	97.3	113.3	169.9#
51	49.9	32.1	48.1#
86	62.5	50.9	76.3



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



Time-->



#31

Cyclohexane

Concen: 1.152 ug/l

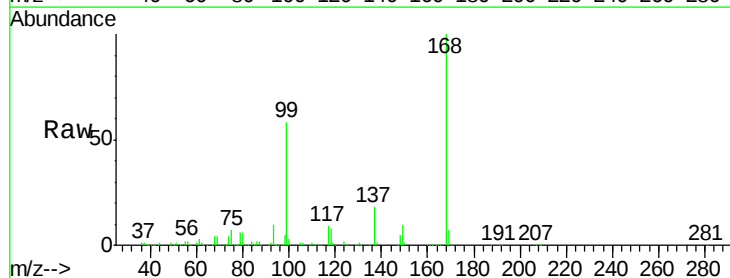
RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

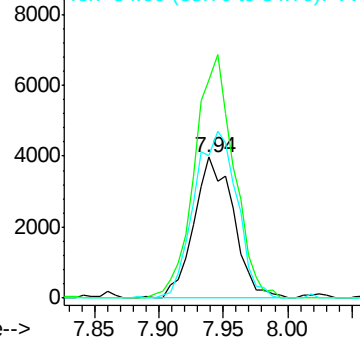
Lab File: VW008694.D

Acq: 15 Feb 2019 19:33

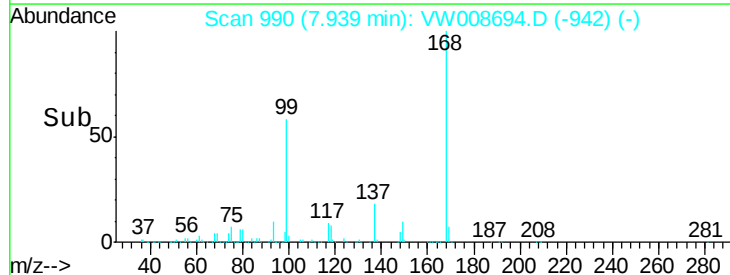
Tgt Ion:	56	Resp:	8490
Ion	Ratio	Lower	Upper
56	100		
69	154.8	26.4	39.6#
84	100.7	67.4	101.2

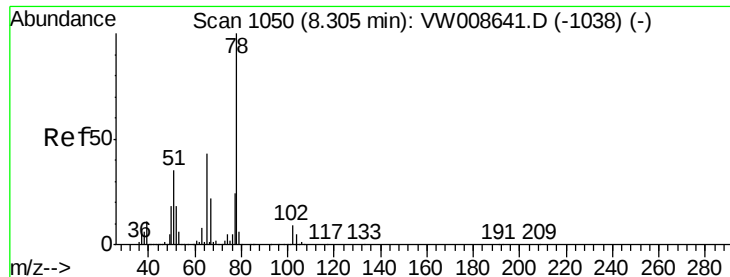


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.403 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008694.D

Acq: 15 Feb 2019 19:33

Instrument :

MSVOA_W

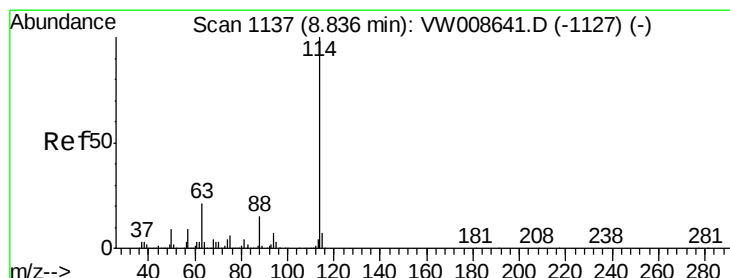
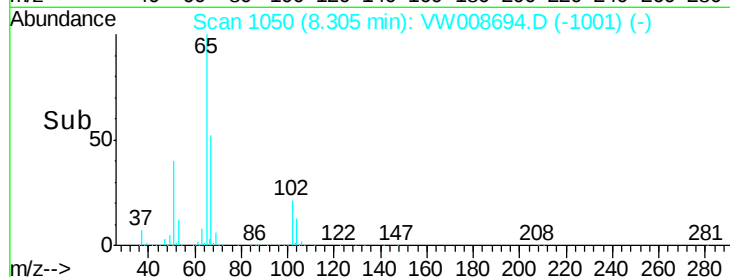
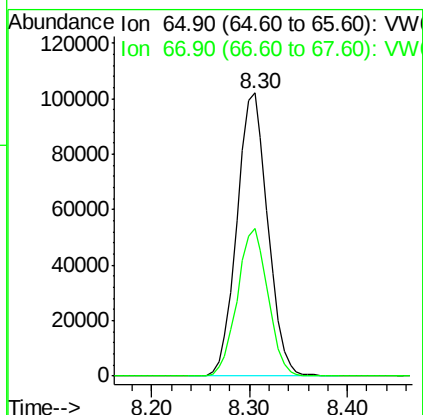
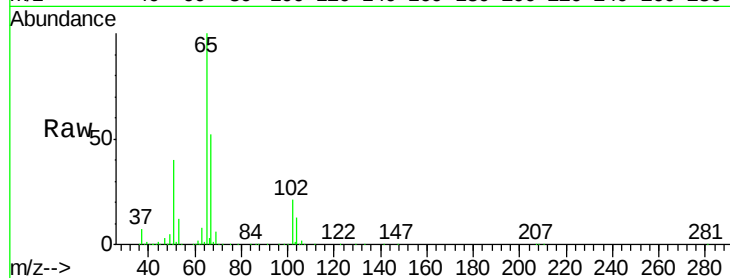
ClientSampleId :

Tot Ion: 65 Resp: 223352

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008694.D

Acq: 15 Feb 2019 19:33

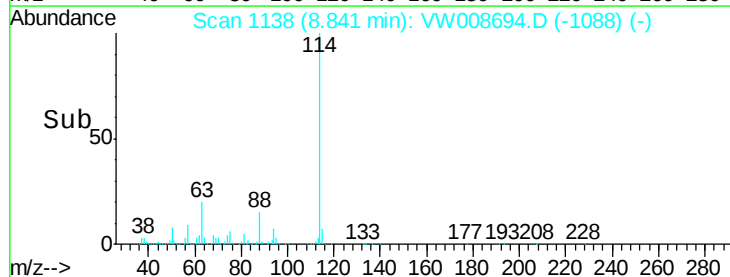
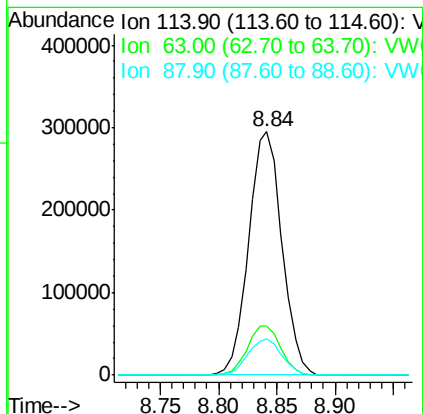
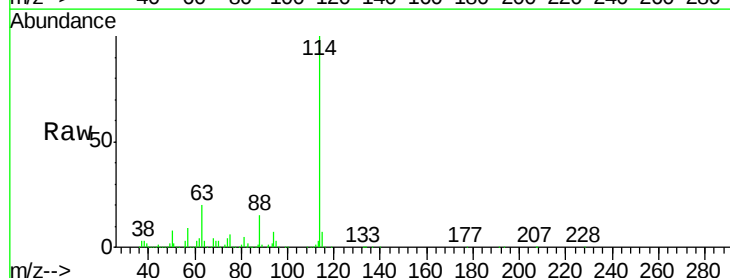
Tgt Ion: 114 Resp: 585443

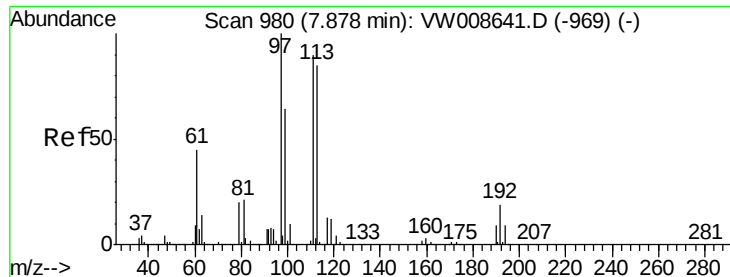
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.2

88 14.8 0.0 29.6

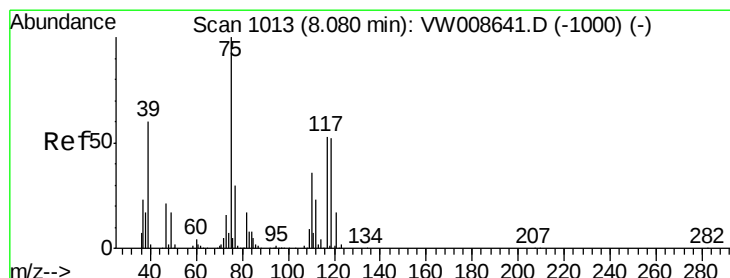
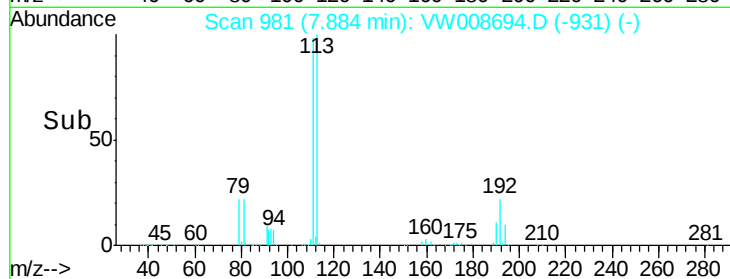
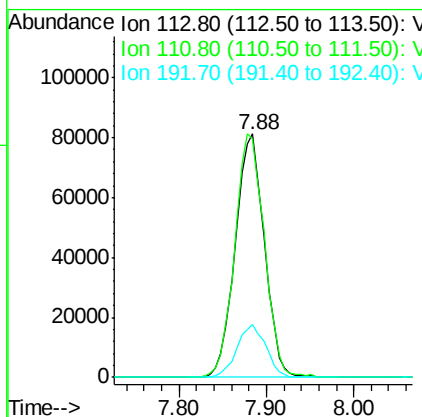
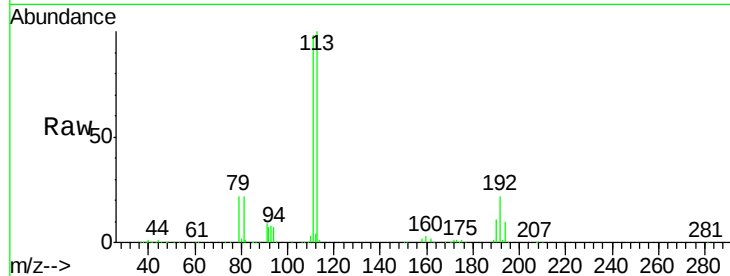




#35
 Dibromofluoromethane
 Concen: 51.807 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW008694.D
 Acq: 15 Feb 2019 19:33

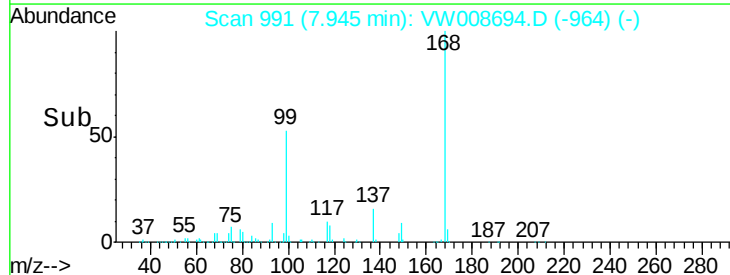
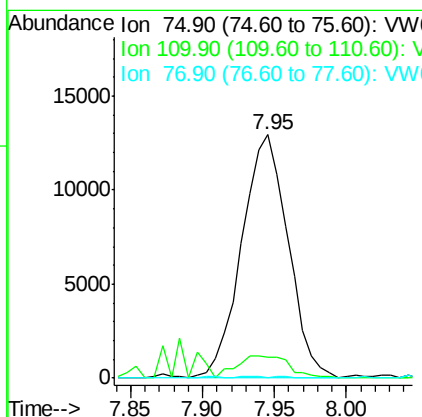
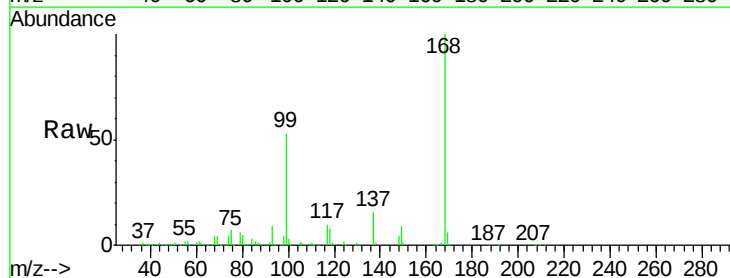
Instrument :
 MSVOA_W
 ClientSampleId :

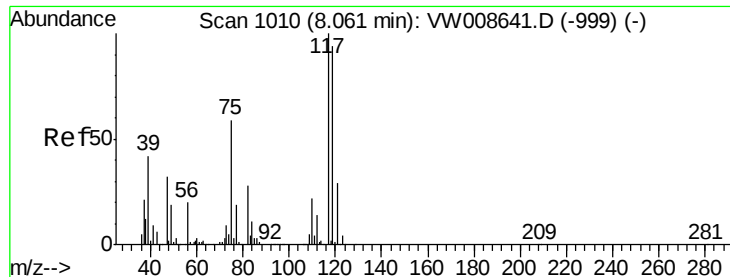
Tot Ion:113 Resp: 188332
 Ion Ratio Lower Upper
 113 100
 111 101.9 84.0 126.0
 192 21.5 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 4.904 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008694.D
 Acq: 15 Feb 2019 19:33

Tgt Ion: 75 Resp: 28845
 Ion Ratio Lower Upper
 75 100
 110 10.2 17.8 53.3#
 77 0.2 24.7 37.1#

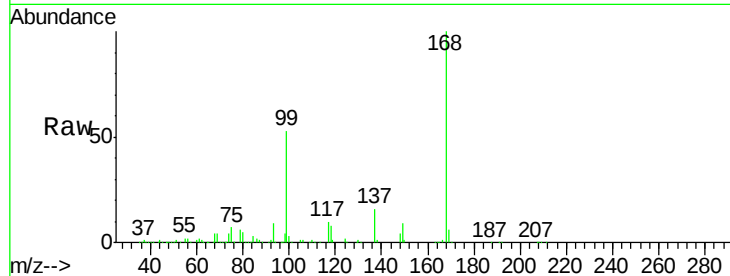




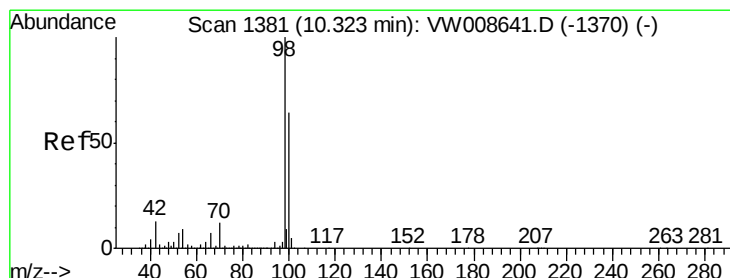
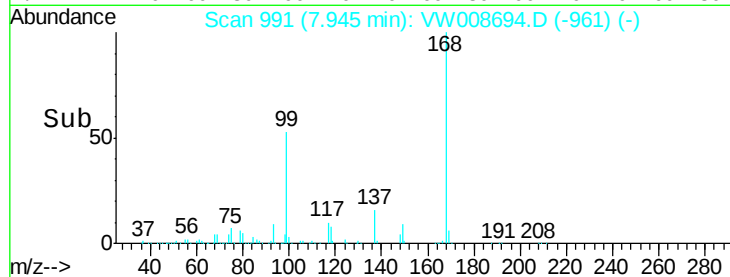
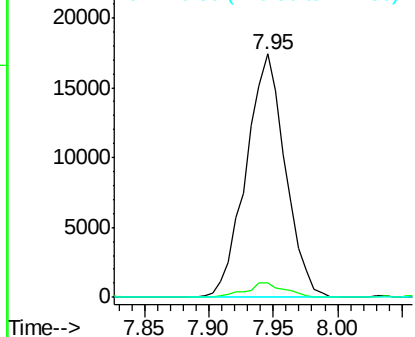
#38
Carbon Tetrachloride
Concen: 6.261 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008694.D
Acq: 15 Feb 2019 19:33

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 36619
Ion Ratio Lower Upper
117 100
119 5.8 75.1 112.7#
121 0.0 23.5 35.3#

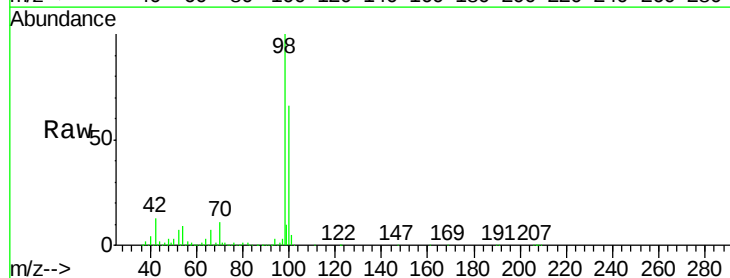


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

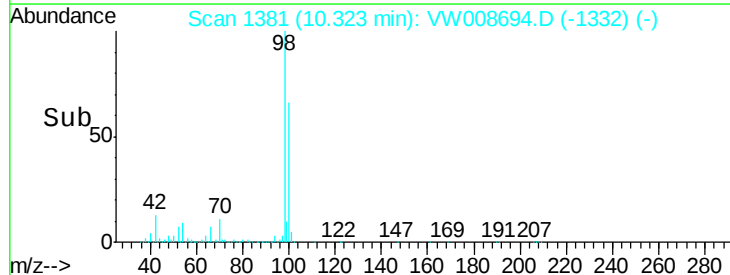
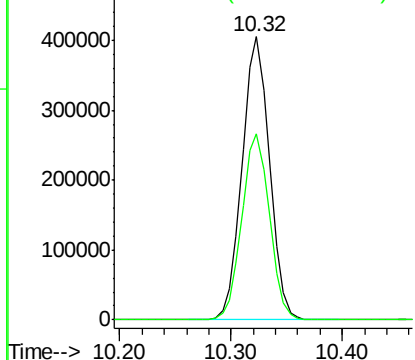


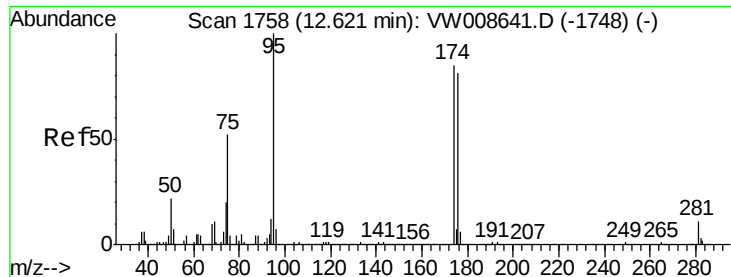
#50
Toluene-d8
Concen: 49.447 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008694.D
Acq: 15 Feb 2019 19:33

Tgt Ion: 98 Resp: 692918
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.4



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





#62

4-Bromofluorobenzene

Concen: 46.886 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008694.D

Acq: 15 Feb 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

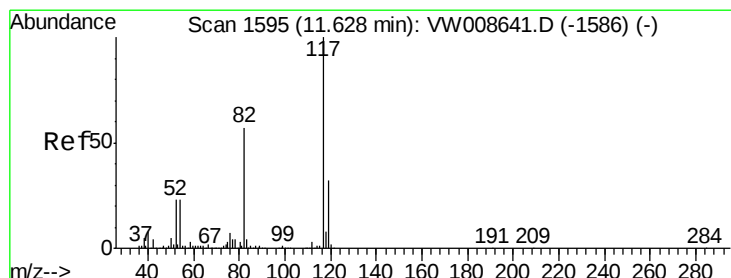
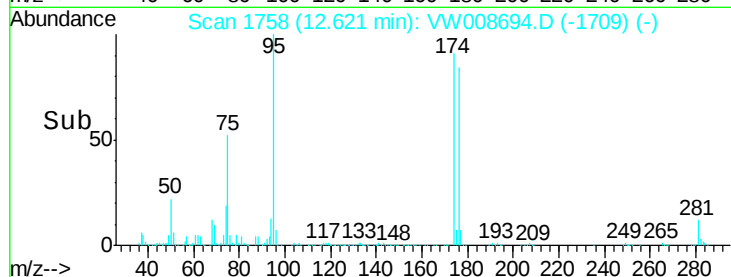
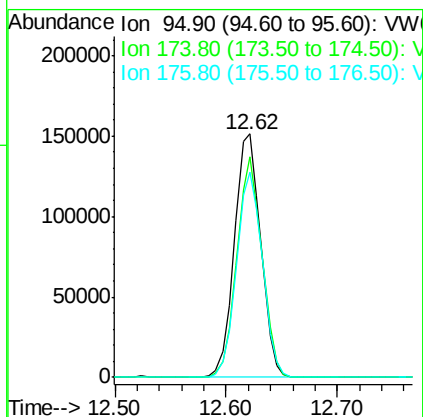
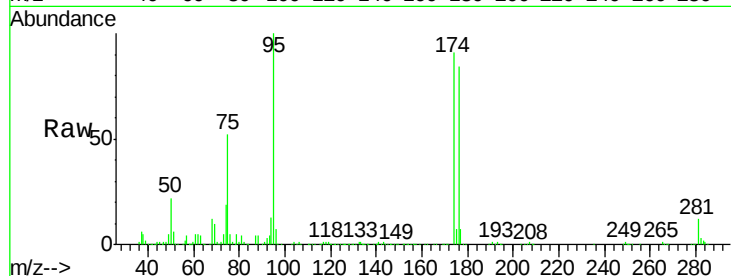
Tot Ion: 95 Resp: 247480

Ion Ratio Lower Upper

95 100

174 86.3 0.0 163.2

176 82.6 0.0 158.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW008694.D

Acq: 15 Feb 2019 19:33

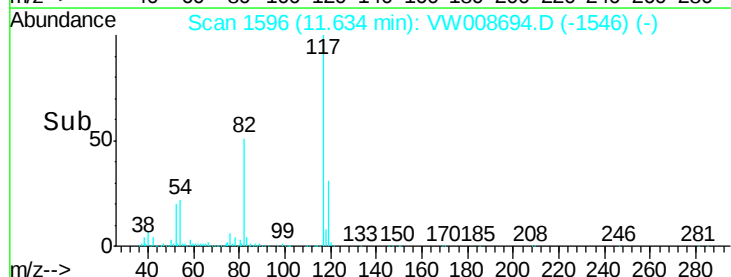
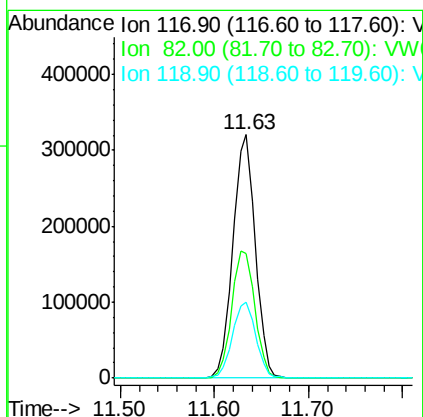
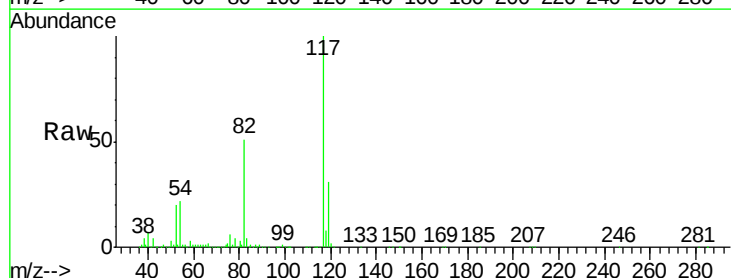
Tgt Ion: 117 Resp: 527622

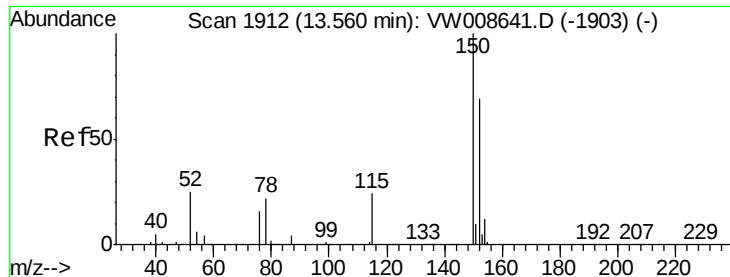
Ion Ratio Lower Upper

117 100

82 51.1 45.6 68.4

119 31.0 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: VW008694.D

Acq: 15 Feb 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

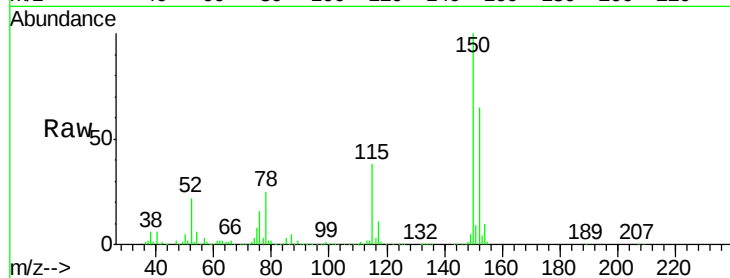
Tot Ion:152 Resp: 257922

Ion Ratio Lower Upper

152 100

115 57.9 29.3 87.8

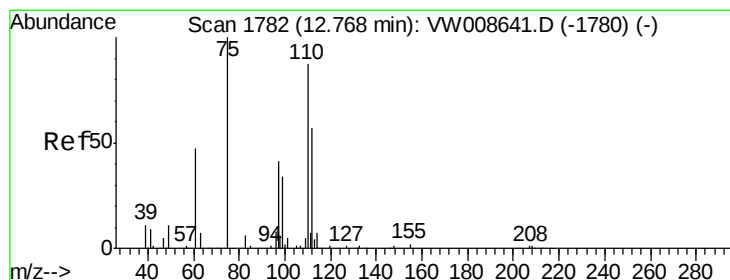
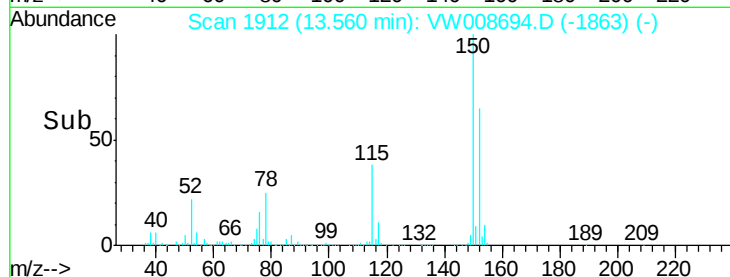
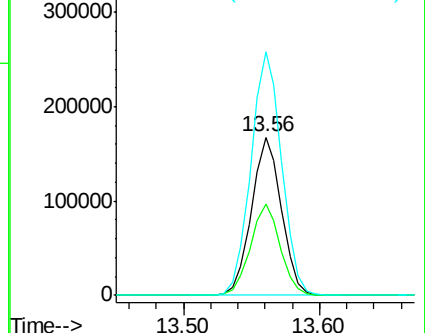
150 158.3 0.0 352.8



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: 50.386 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008694.D

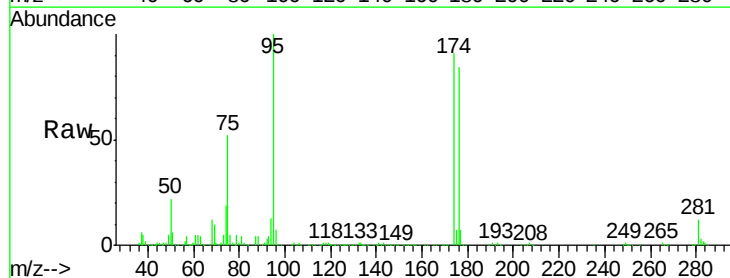
Acq: 15 Feb 2019 19:33

Tgt Ion: 75 Resp: 128326

Ion Ratio Lower Upper

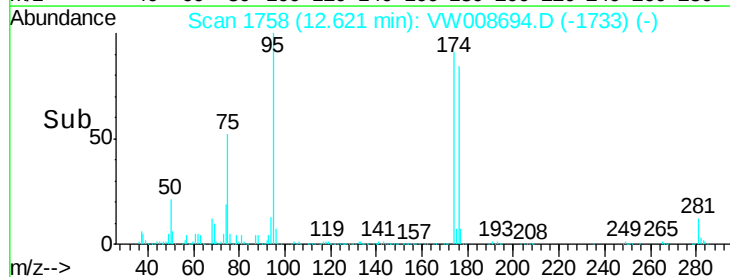
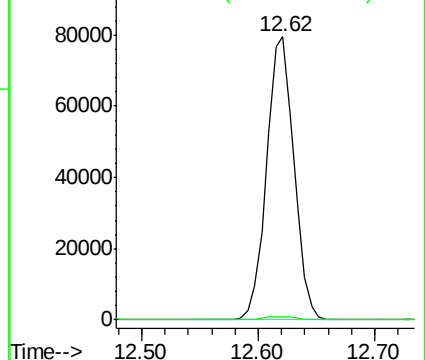
75 100

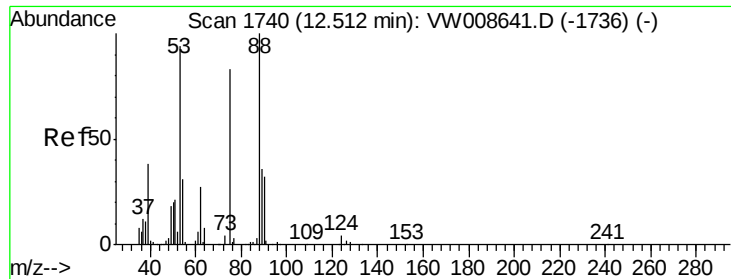
77 1.4 0.0 0.0#



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: 108.013 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008694.D

Acq: 15 Feb 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

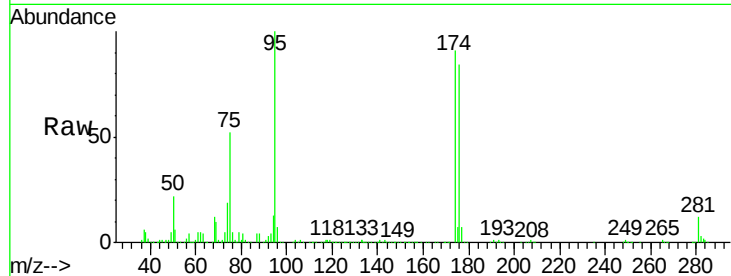
Tot Ion: 75 Resp: 128326

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.0#

89 0.2 37.0 55.4#



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

