

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006654.D
 Acq On : 06 Nov 2018 00:43
 Operator : SY/AP
 Sample : VW1105SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBL02

Quant Time: Nov 06 03:23:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

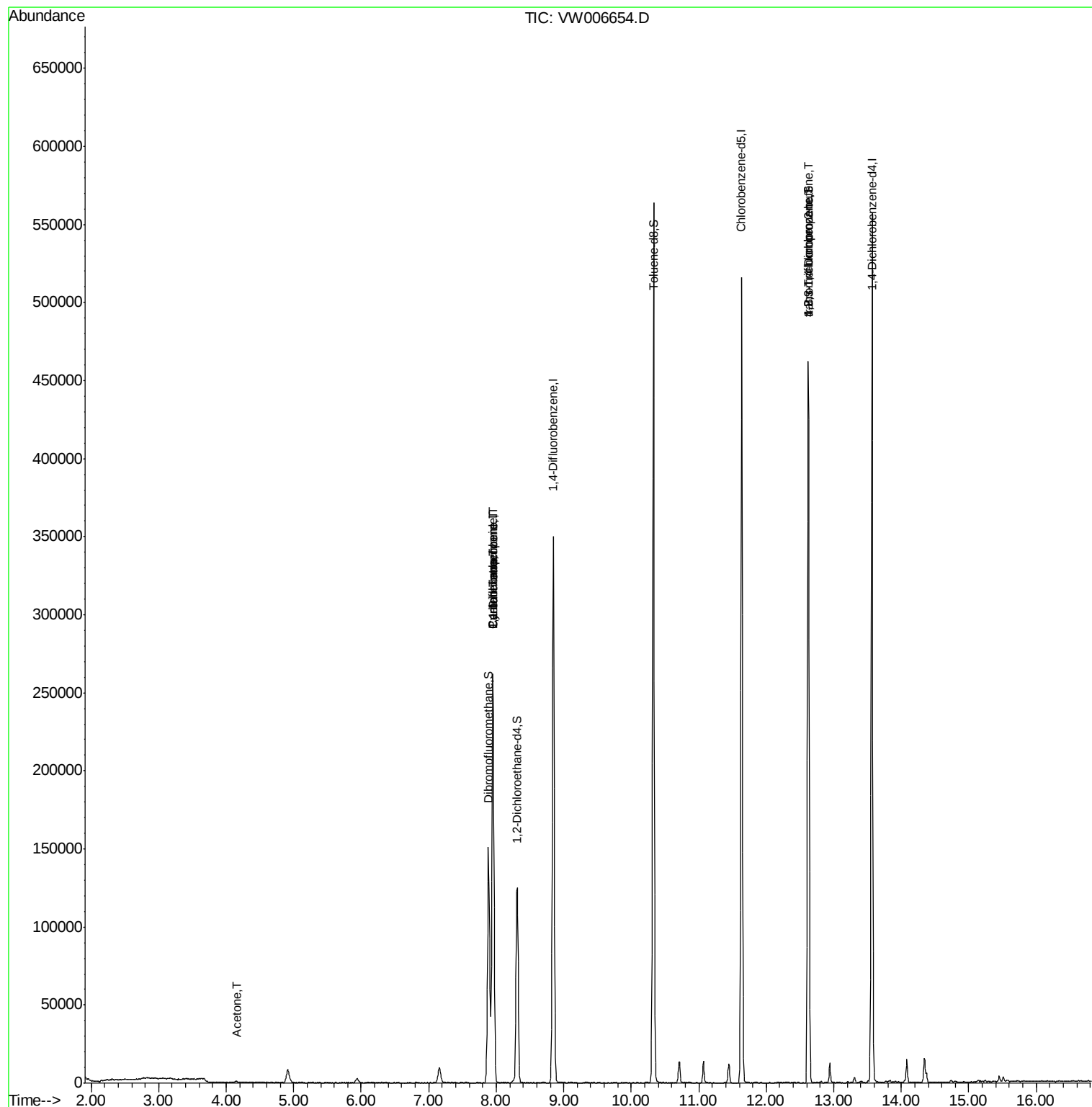
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	315576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	101041	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
35) Dibromofluoromethane	7.88	113	104864	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	10.33	98	388492	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.62	95	132735	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
16) Acetone	4.15	43	1614	5.372	ug/l	96
20) Methylene Chloride	4.92	84	7036	Below Cal		94
31) Cyclohexane	7.95	56	3754	1.266	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	12963	4.671	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18646	6.430	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	66443	53.239	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66443	133.198	ug/l #	11

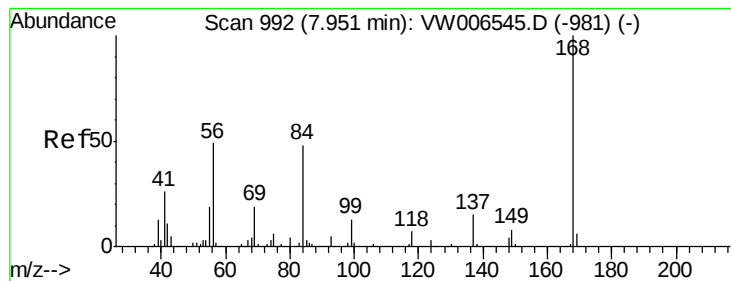
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006654.D

Acq: 06 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

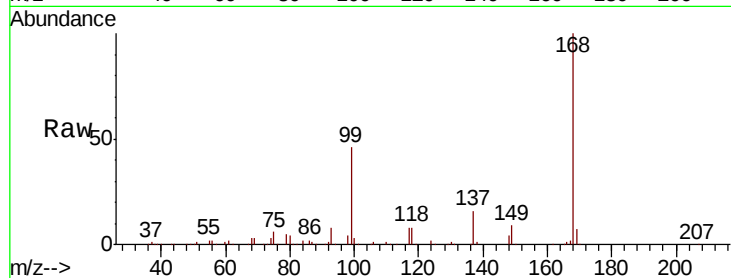
VW1105SBL02

Tgt Ion:168 Resp: 216506

Ion Ratio Lower Upper

168 100

99 46.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

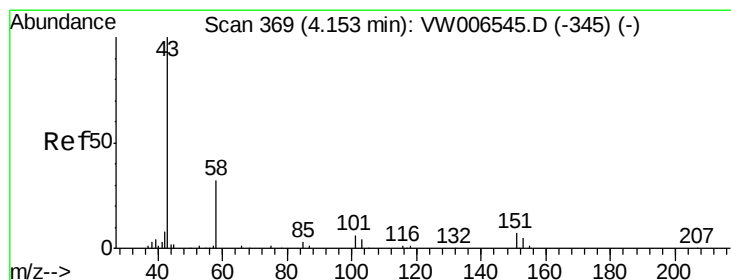
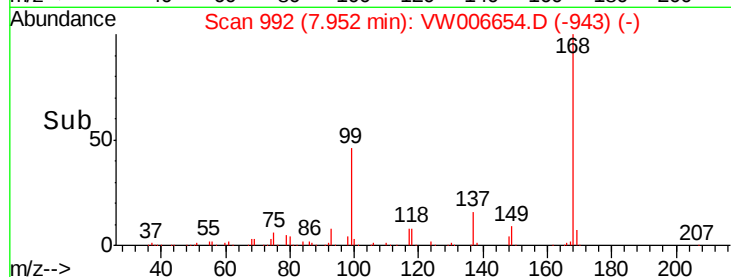
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.372 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006654.D

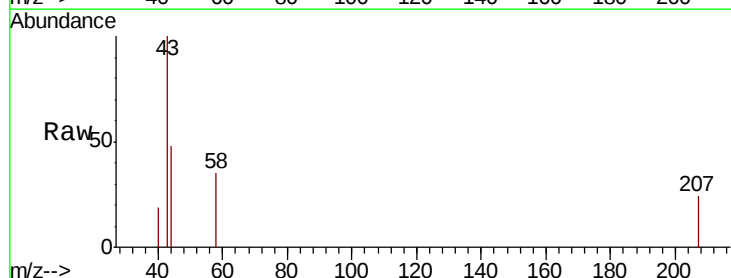
Acq: 06 Nov 2018 00:43

Tgt Ion: 43 Resp: 1614

Ion Ratio Lower Upper

43 100

58 34.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

500

400

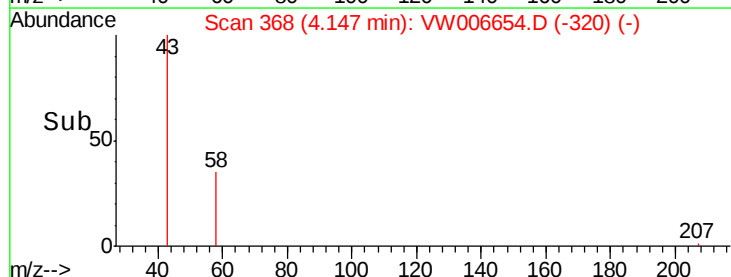
300

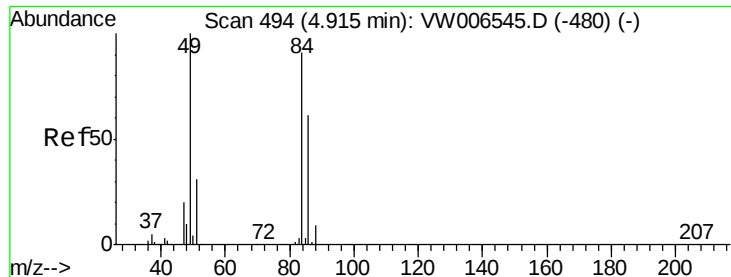
200

100

0

Time-->

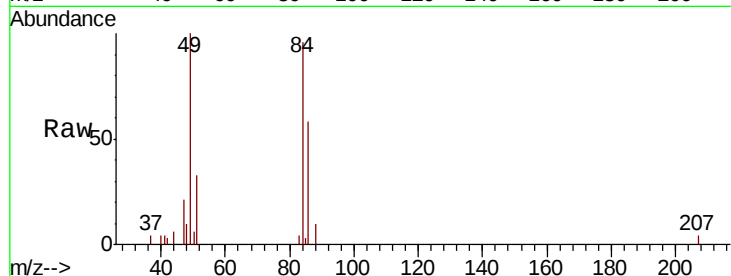




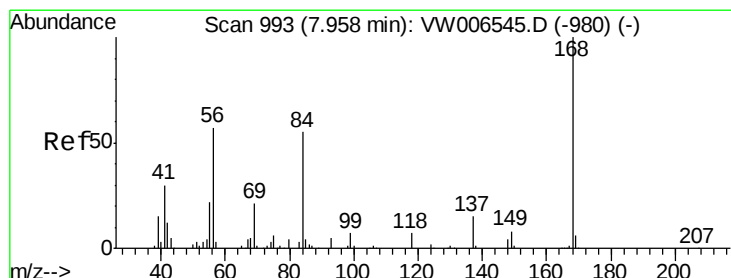
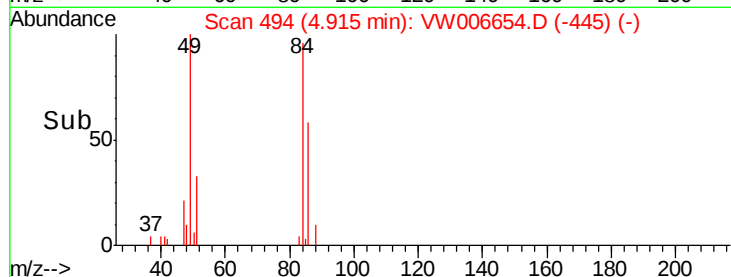
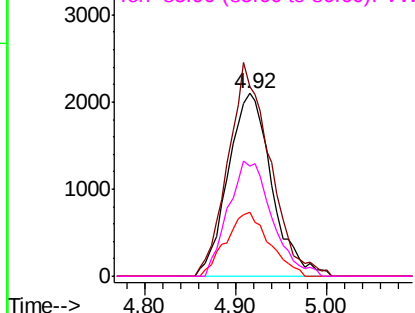
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006654.D
Acq: 06 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBL02

Tgt Ion: 84 Resp: 7036
Ion Ratio Lower Upper
84 100
49 103.9 88.2 132.4
51 34.7 27.0 40.6
86 60.2 53.8 80.8

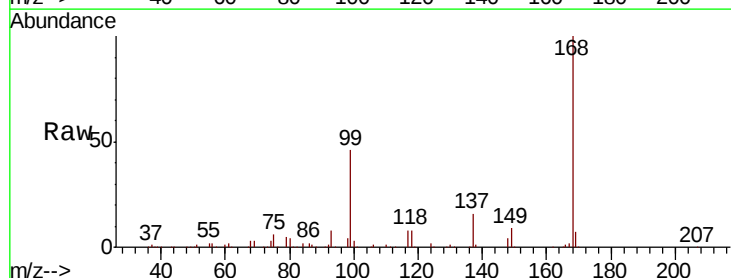


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

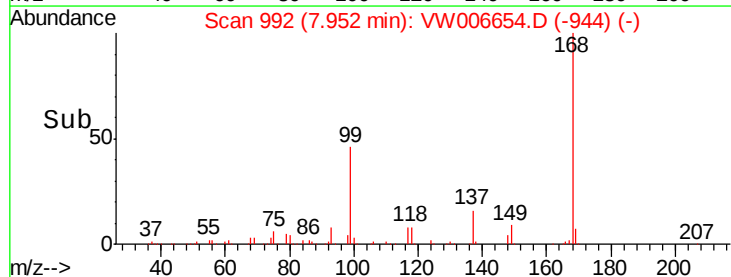
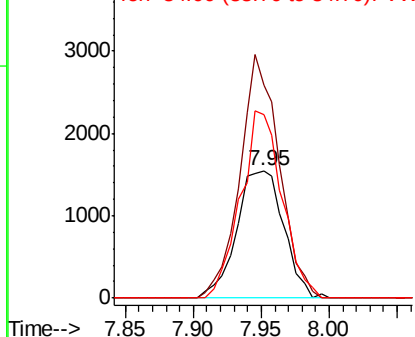


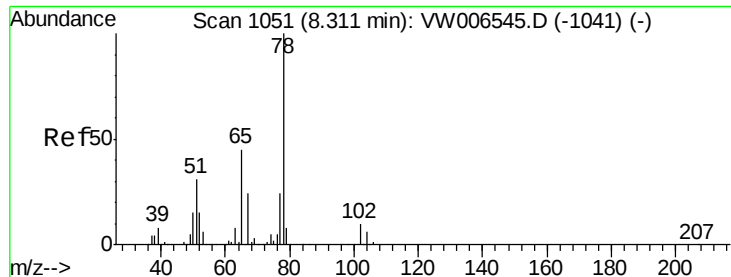
#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006654.D
Acq: 06 Nov 2018 00:43

Tgt Ion: 56 Resp: 3754
Ion Ratio Lower Upper
56 100
69 167.2 29.0 43.4#
84 144.6 77.8 116.6#



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

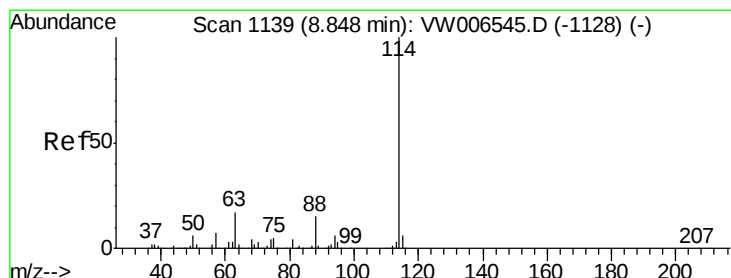
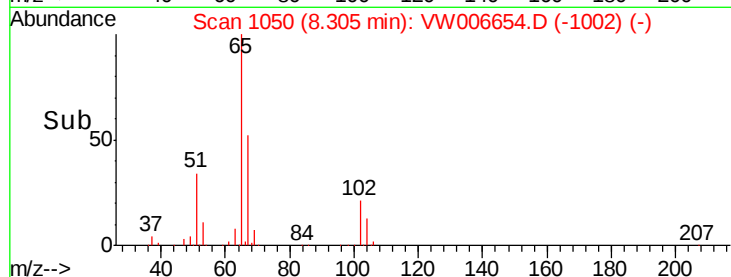
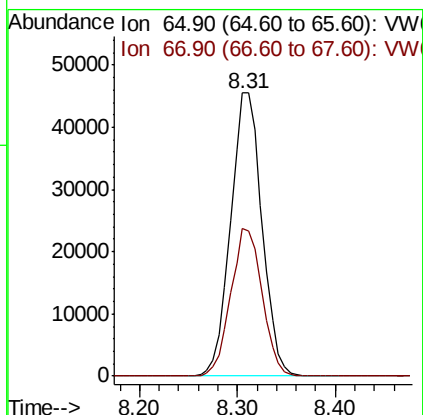
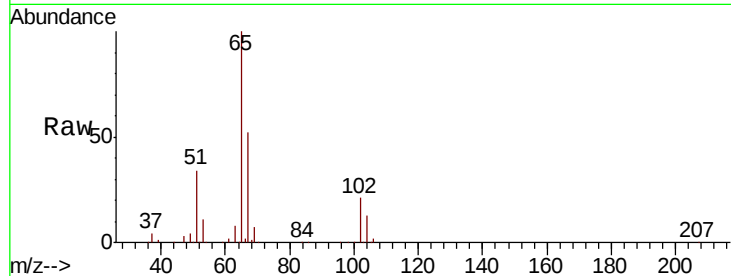




#33
 1,2-Dichloroethane-d4
 Concen: 54.292 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006654.D
 Acq: 06 Nov 2018 00:43

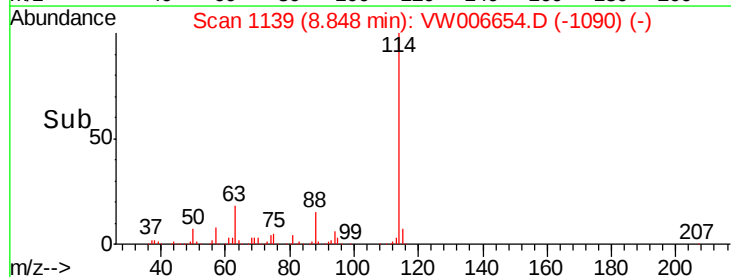
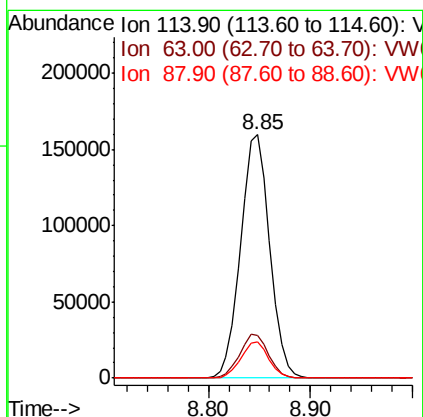
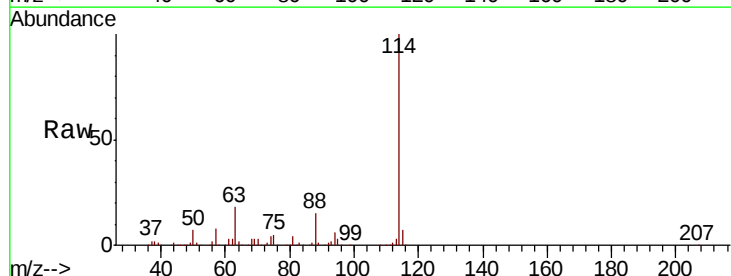
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBL02

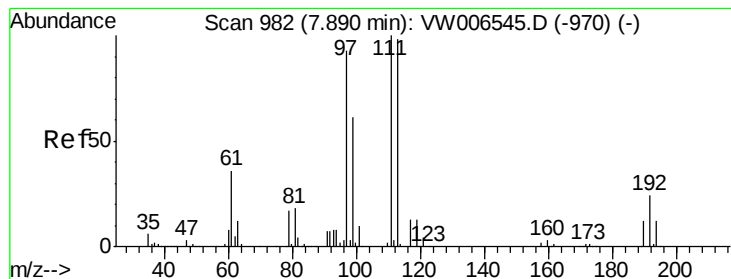
Tgt Ion: 65 Resp: 101041
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006654.D
 Acq: 06 Nov 2018 00:43

Tgt Ion: 114 Resp: 315576
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.4
 88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.949 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006654.D

Acq: 06 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBL02

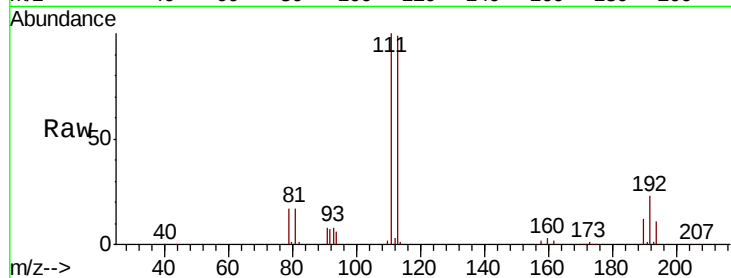
Tgt Ion:113 Resp: 104864

Ion Ratio Lower Upper

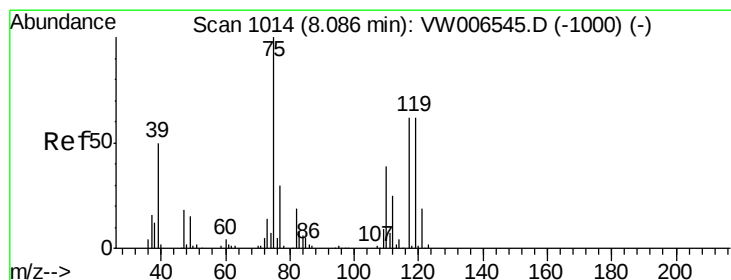
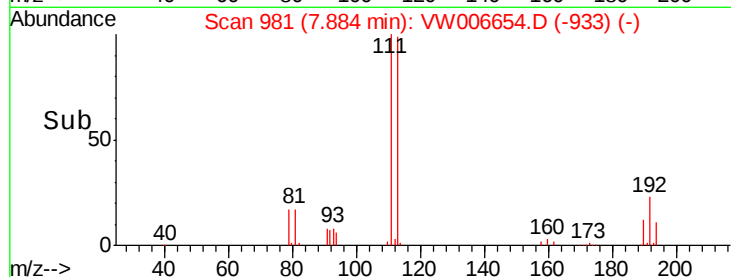
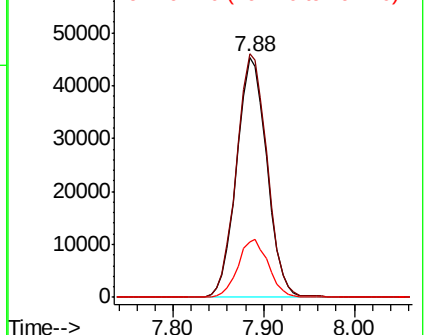
113 100

111 102.9 82.2 123.2

192 24.2 19.0 28.6



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: 4.671 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006654.D

Acq: 06 Nov 2018 00:43

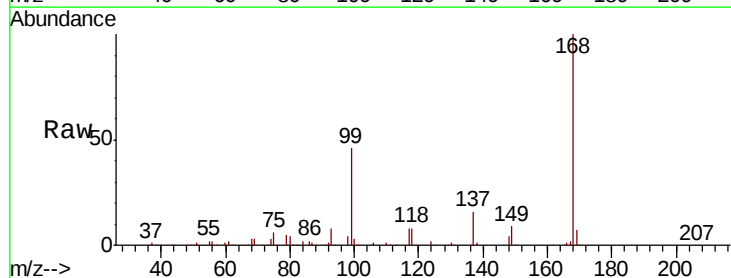
Tgt Ion: 75 Resp: 12963

Ion Ratio Lower Upper

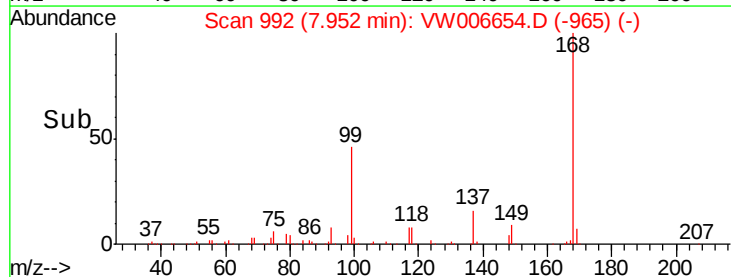
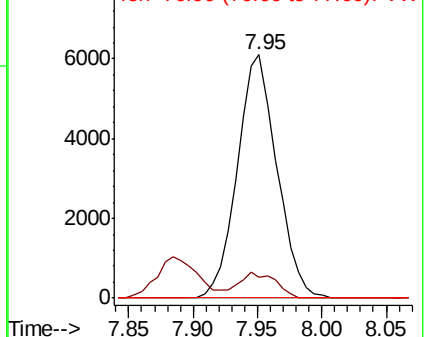
75 100

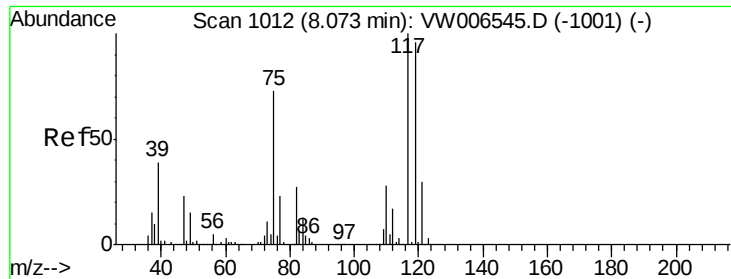
110 10.0 19.5 58.5#

77 0.0 24.6 37.0#



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

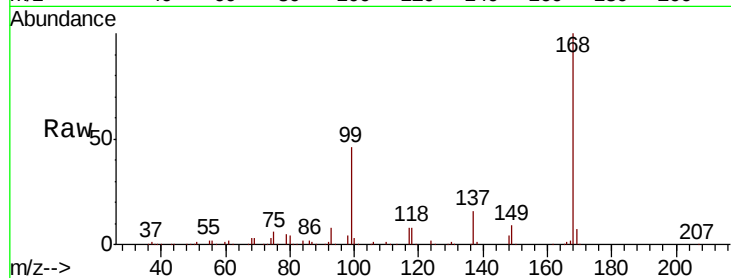




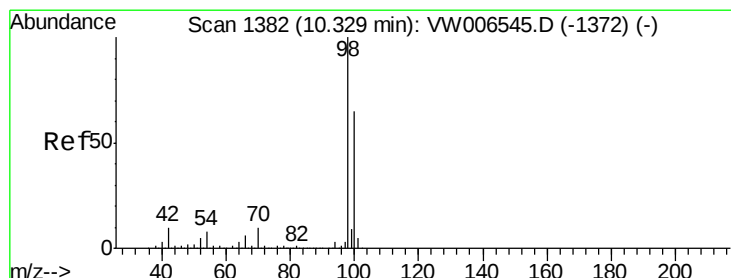
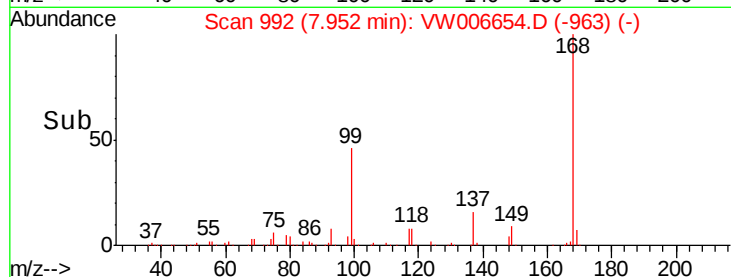
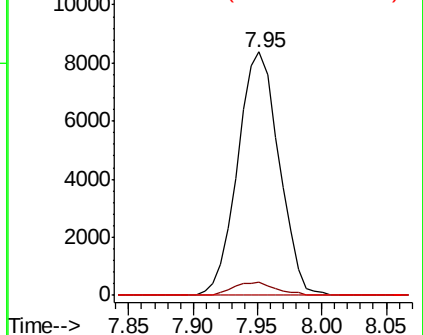
#38
Carbon Tetrachloride
Concen: 6.430 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006654.D
Acq: 06 Nov 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :
VW1105SBL02

Tgt Ion:117 Resp: 18646
Ion Ratio Lower Upper
117 100
119 5.5 76.3 114.5#
121 0.0 24.1 36.1#

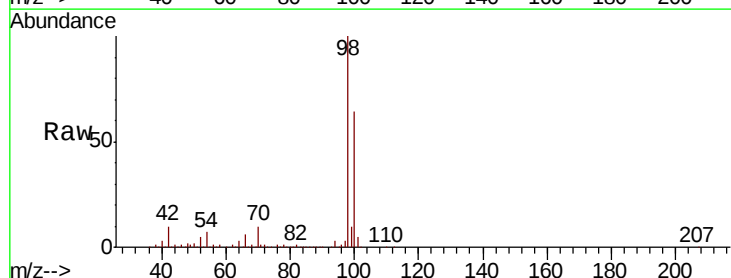


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

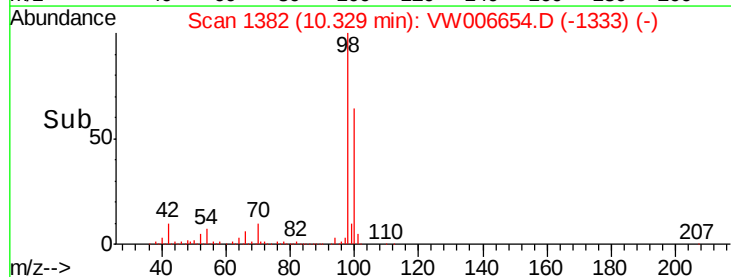
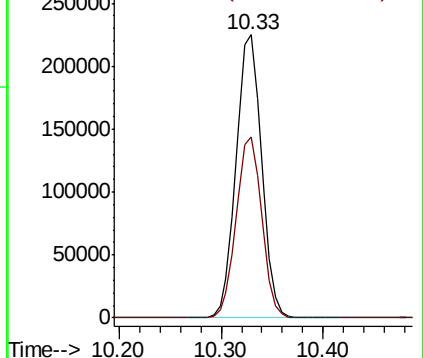


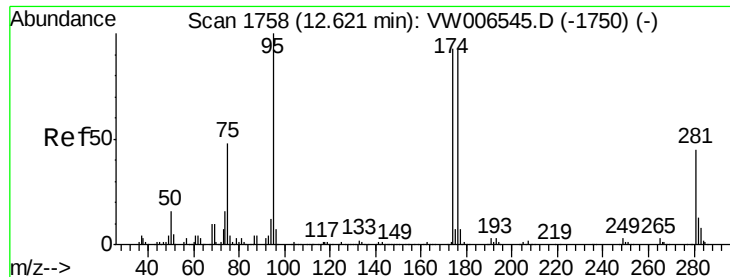
#50
Toluene-d8
Concen: 51.528 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006654.D
Acq: 06 Nov 2018 00:43

Tgt Ion: 98 Resp: 388492
Ion Ratio Lower Upper
98 100
100 63.9 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: 48.562 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006654.D

Acq: 06 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBL02

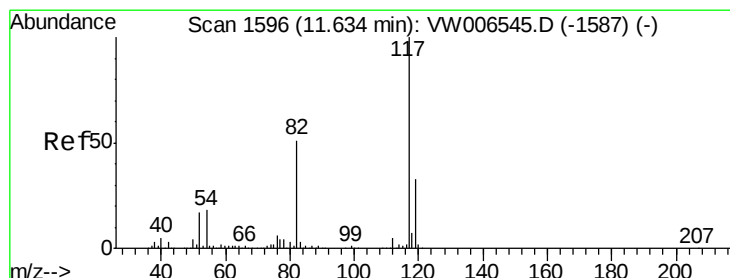
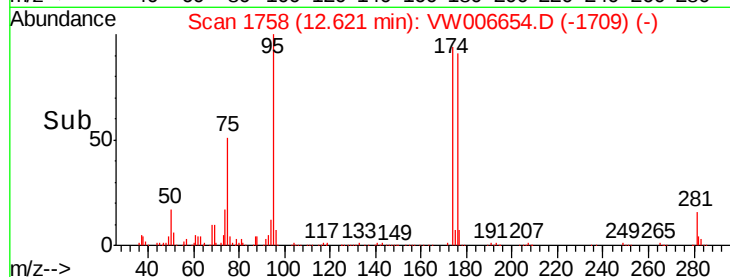
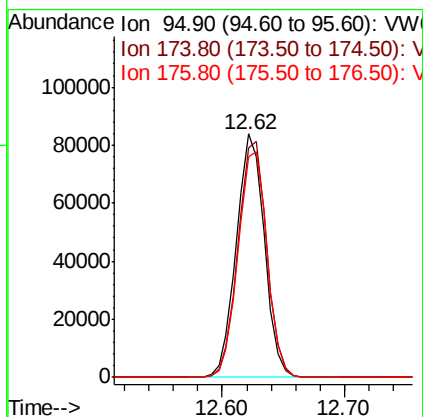
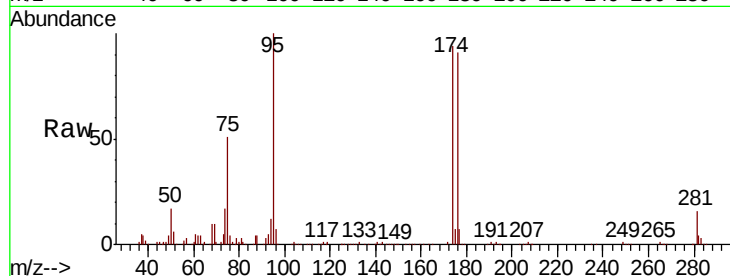
Tgt Ion: 95 Resp: 132735

Ion Ratio Lower Upper

95 100

174 99.4 0.0 192.4

176 96.2 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006654.D

Acq: 06 Nov 2018 00:43

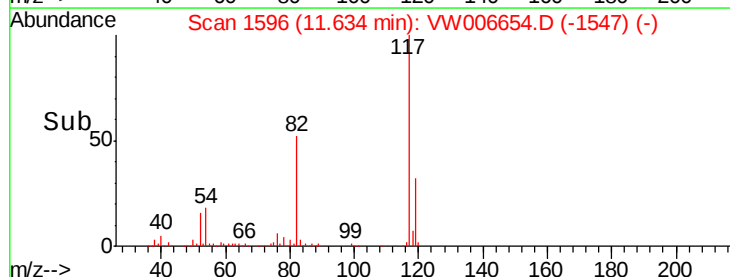
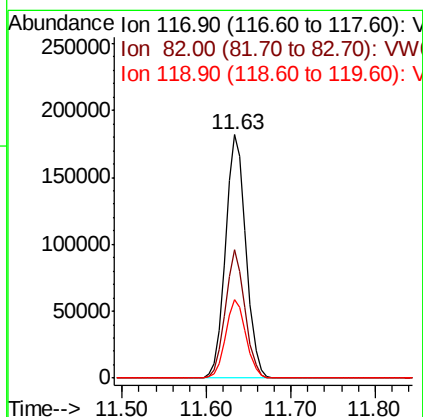
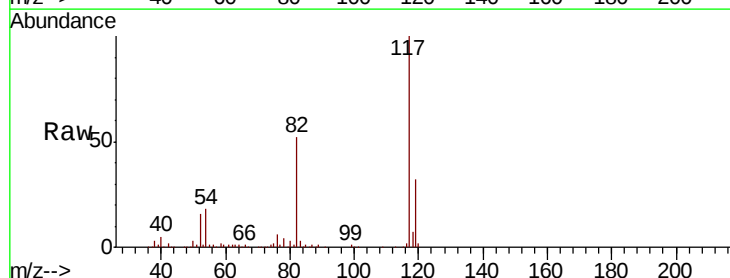
Tgt Ion: 117 Resp: 301701

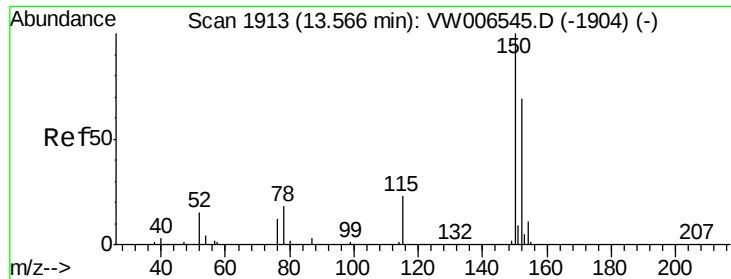
Ion Ratio Lower Upper

117 100

82 52.5 40.8 61.2

119 32.2 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006654.D

Acq: 06 Nov 2018 00:43

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VW1105SBL02

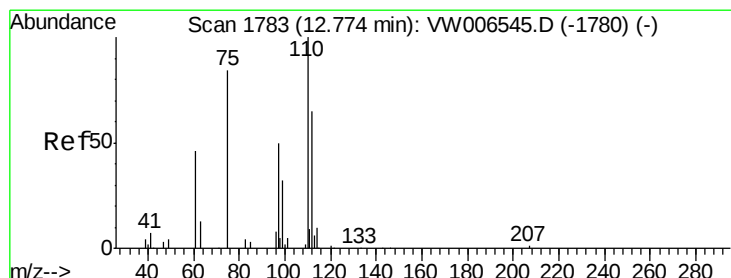
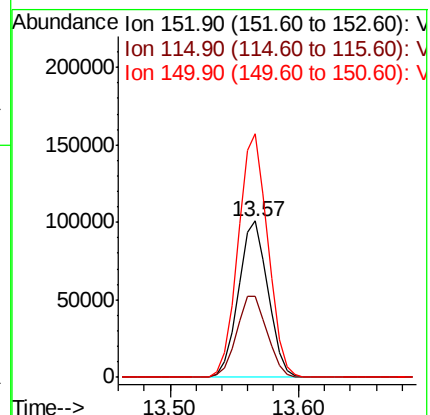
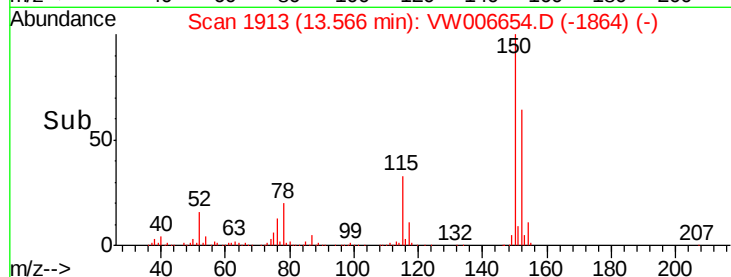
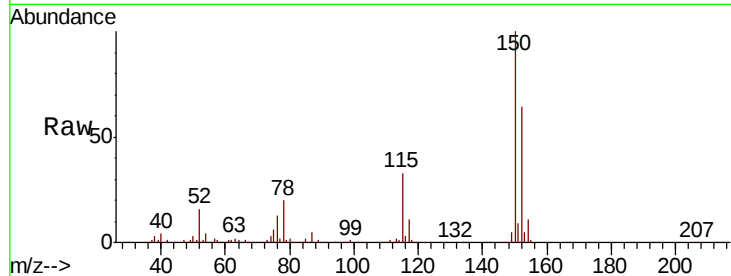
Tgt Ion:152 Resp: 159955

Ion Ratio Lower Upper

152 100

115 53.6 26.6 79.8

150 157.1 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 53.239 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006654.D

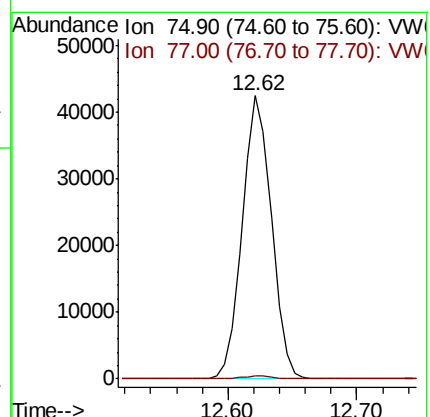
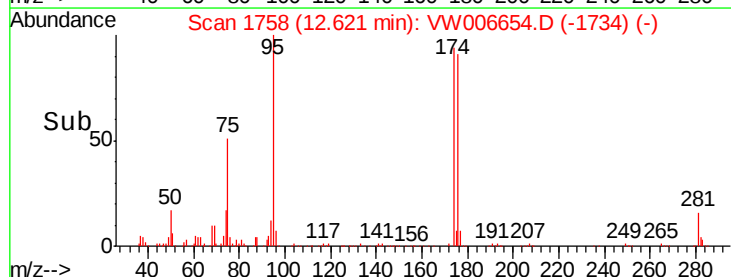
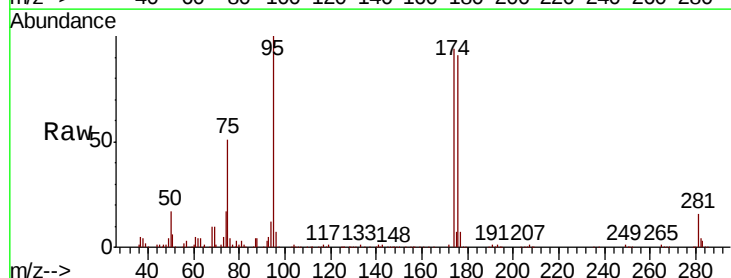
Acq: 06 Nov 2018 00:43

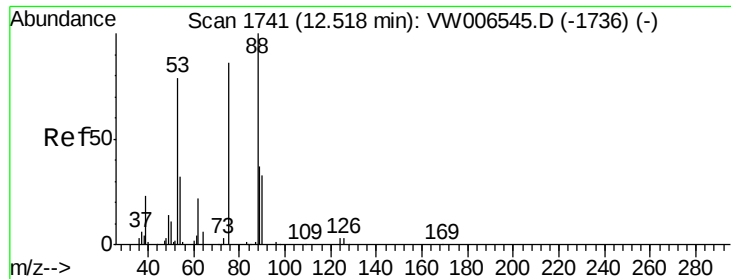
Tgt Ion: 75 Resp: 66443

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 133.198 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006654.D

Acq: 06 Nov 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

VW1105SBL02

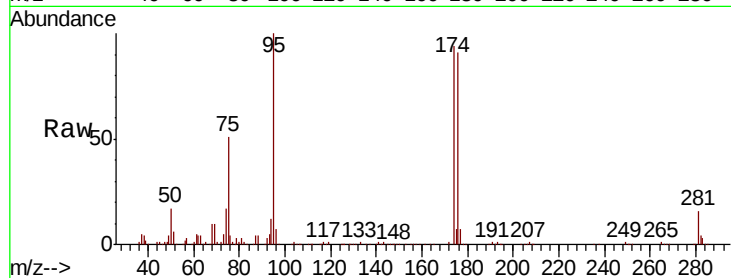
Tgt Ion: 75 Resp: 66443

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#



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

