

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006742.D
 Acq On : 07 Nov 2018 17:50
 Operator : SY/AP
 Sample : J5819-08RE
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:49:06 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

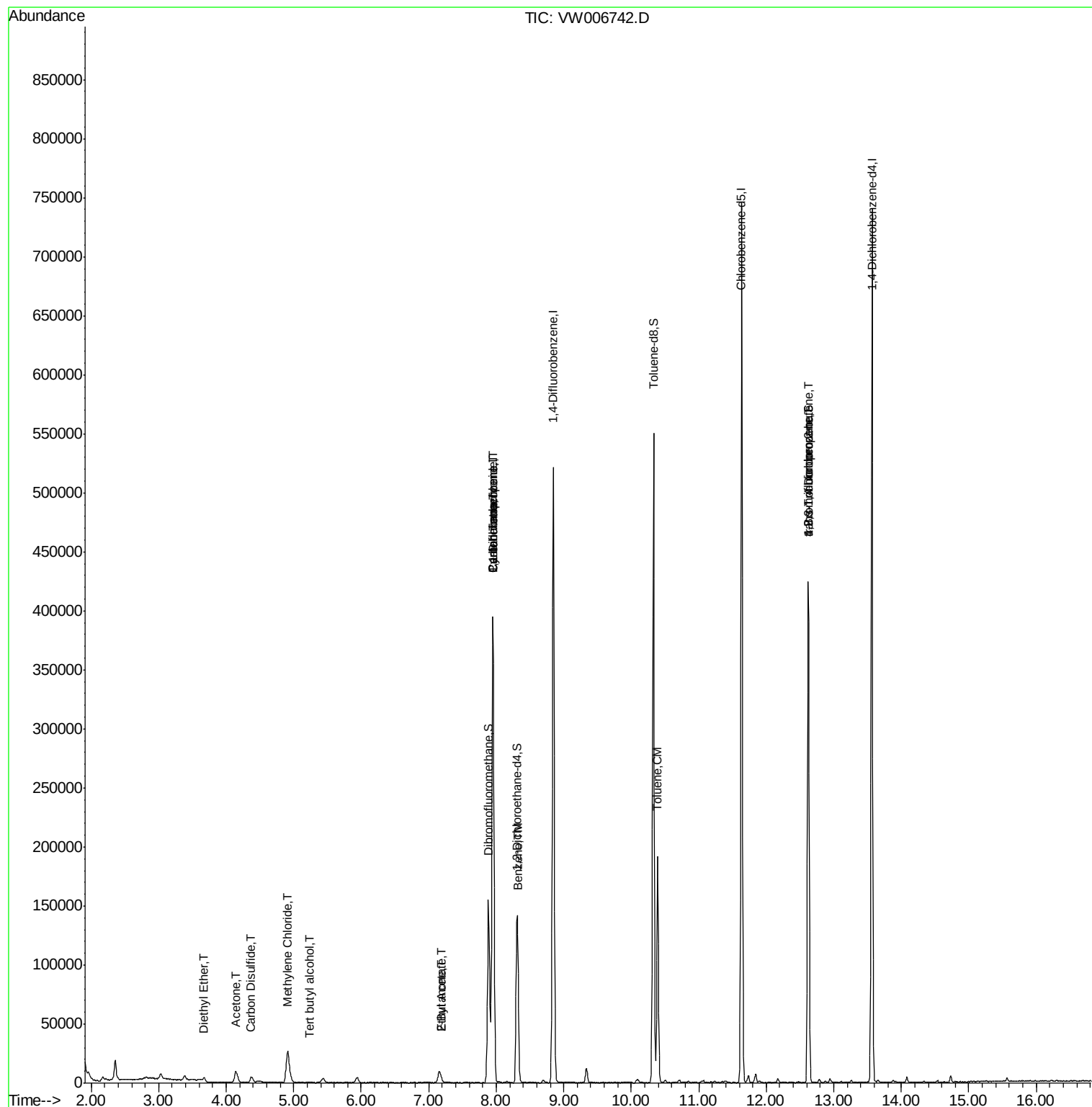
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	325728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	473790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	429051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	212544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105394	37.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.28%	
35) Dibromofluoromethane	7.88	113	108805	36.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.18%	
50) Toluene-d8	10.33	98	387656	34.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.50%	
62) 4-Bromofluorobenzene	12.62	95	130342	31.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.52%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.67	74	1427	1.013	ug/l	81
11) Tert butyl alcohol	5.23	59	639	4.236	ug/l #	84
16) Acetone	4.14	43	19426	42.973	ug/l	96
17) Carbon Disulfide	4.37	76	10900	1.442	ug/l #	94
20) Methylene Chloride	4.91	84	23429	2.299	ug/l	97
25) 2-Butanone	7.19	43	2842	4.406	ug/l	98
31) Cyclohexane	7.95	56	6636	1.488	ug/l #	26
36) 1,1-Dichloropropene	7.95	75	19773	4.746	ug/l #	48
37) Ethyl Acetate	7.19	43	2842	1.968	ug/l #	66
38) Carbon Tetrachloride	7.95	117	28114	6.458	ug/l #	16
40) Benzene	8.32	78	18192	1.537	ug/l	94
52) Toluene	10.39	92	82783	10.429	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	63862	38.510	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	63862	97.083	ug/l #	11

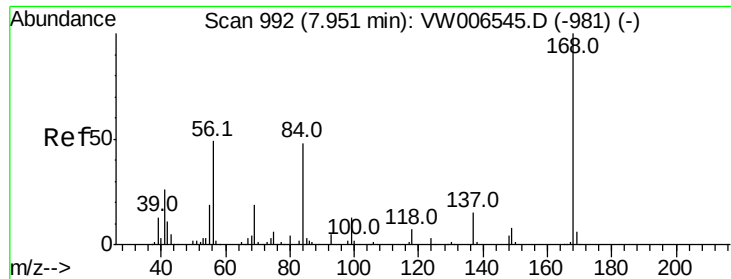
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110718\
Data File : VW006742.D
Acq On : 07 Nov 2018 17:50
Operator : SY/AP
Sample : J5819-08RE
Misc : 5.31G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 09 09:49:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

Instrument :

MSVOA_W

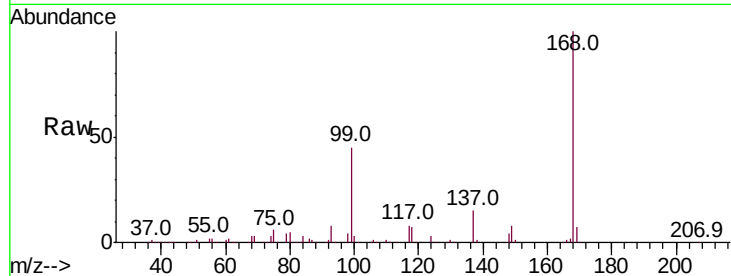
ClientSampled :

Tot Ion:168 Resp: 325728

Ion Ratio Lower Upper

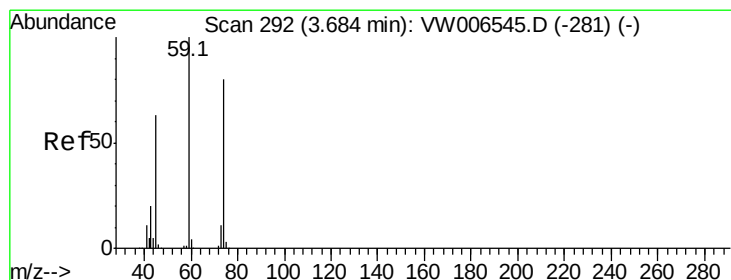
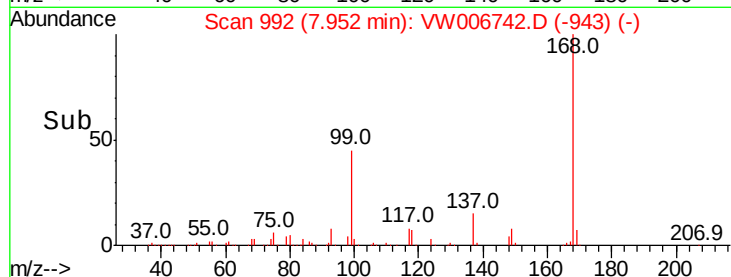
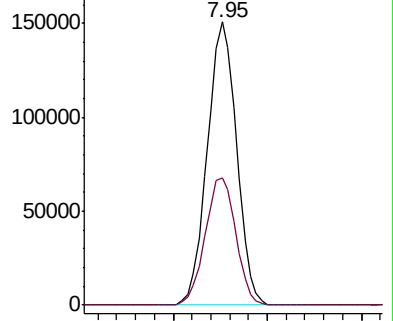
168 100

99 45.0 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.013 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006742.D

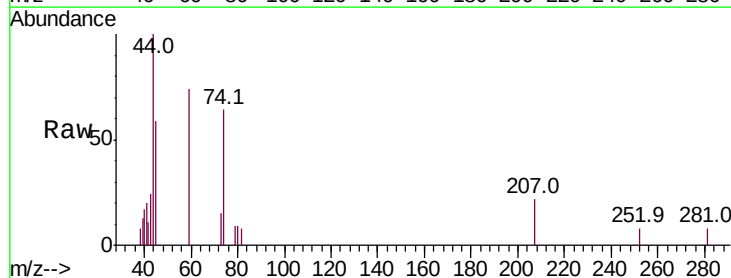
Acq: 07 Nov 2018 17:50

Tgt Ion: 74 Resp: 1427

Ion Ratio Lower Upper

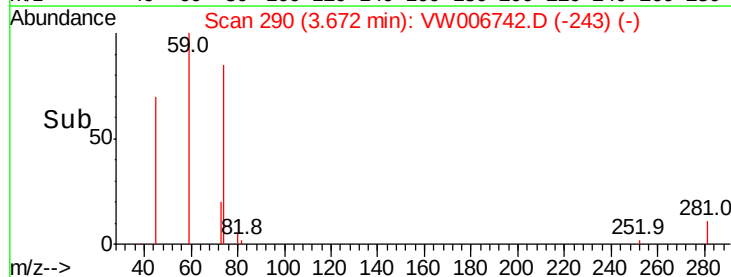
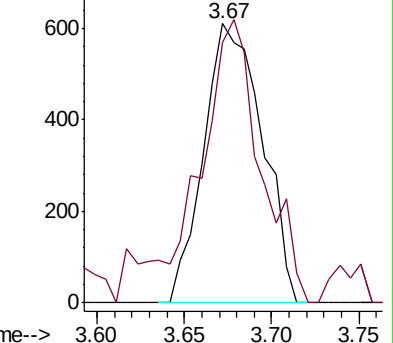
74 100

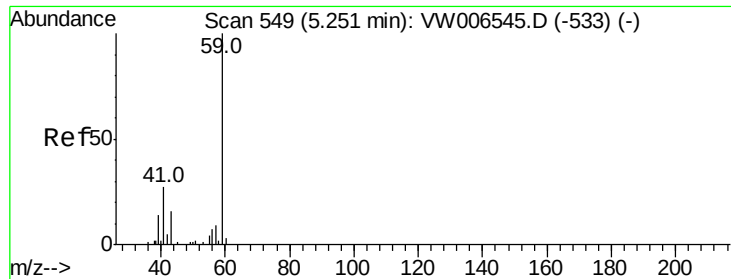
45 99.1 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

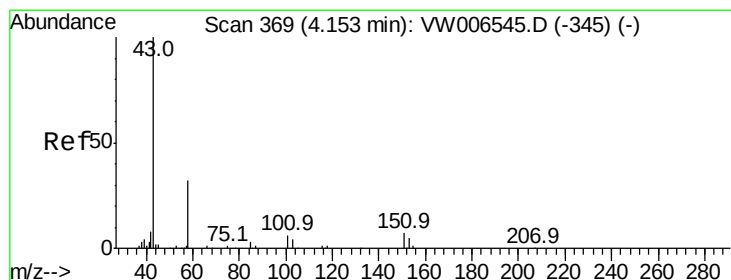
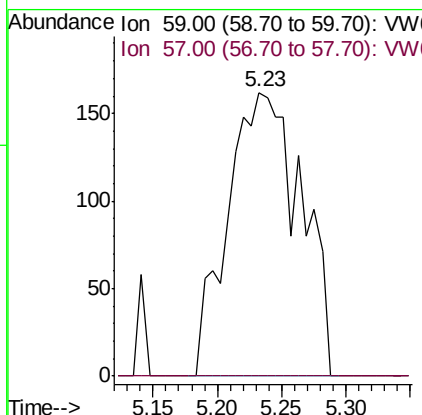
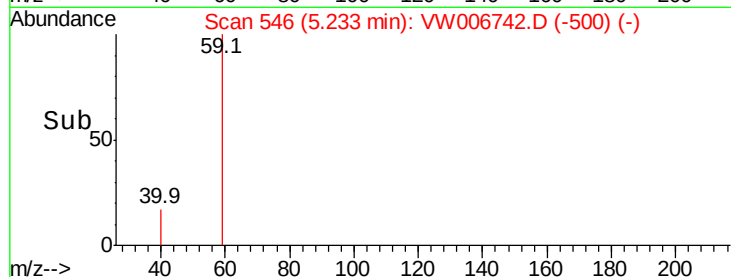
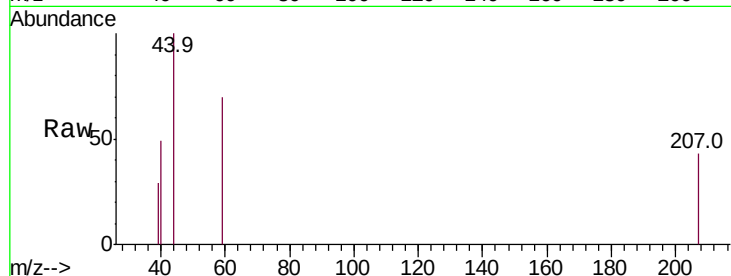




#11
Tert butyl alcohol
Concen: 4.236 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.02 min
Lab File: VW006742.D
Acq: 07 Nov 2018 17:50

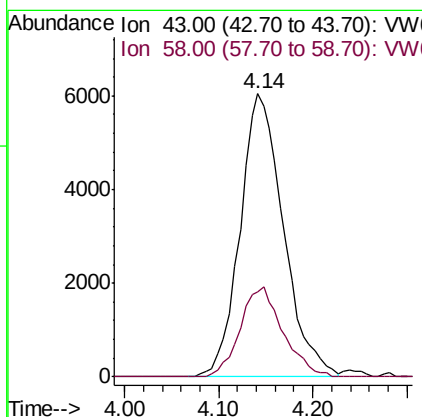
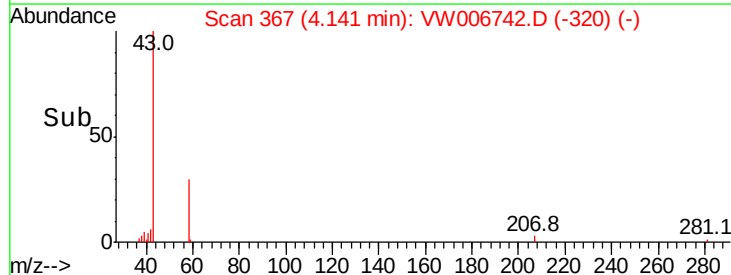
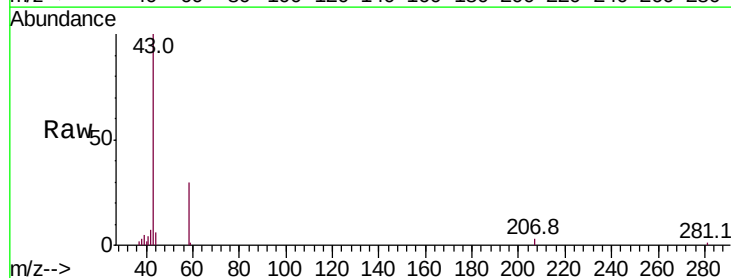
Instrument :
MSVOA_W
ClientSampleId :

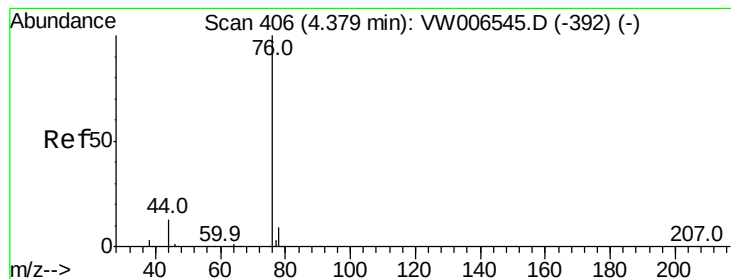
Tot Ion: 59 Resp: 639
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 42.973 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006742.D
Acq: 07 Nov 2018 17:50

Tgt Ion: 43 Resp: 19426
Ion Ratio Lower Upper
43 100
58 30.1 25.8 38.8





#17

Carbon Disulfide

Concen: 1.442 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

Instrument :

MSVOA_W

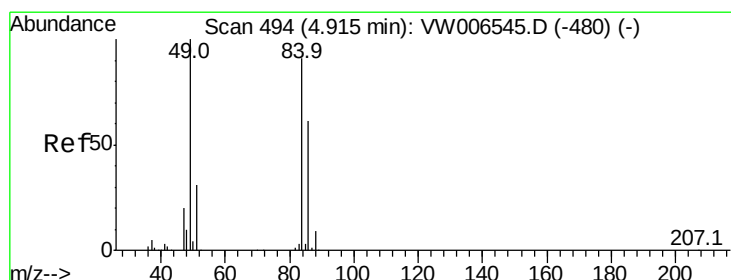
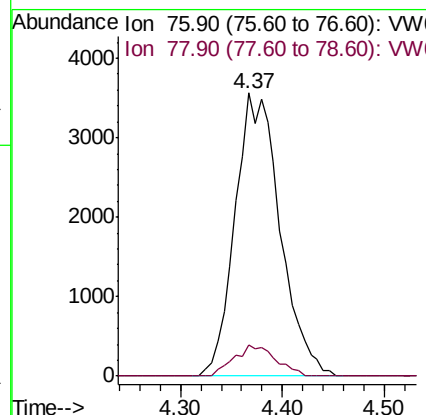
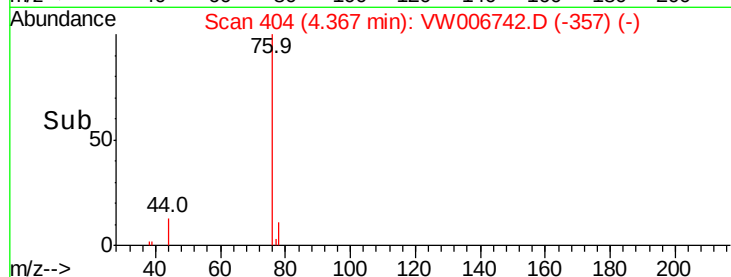
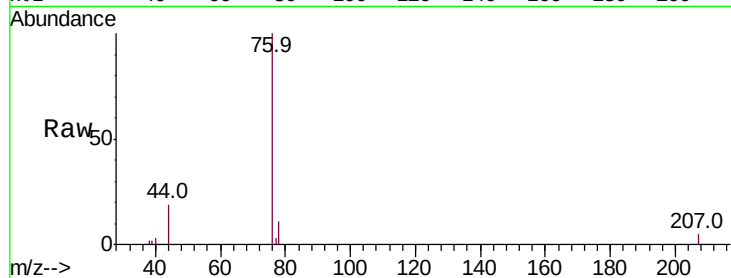
ClientSampleId :

Tot Ion: 76 Resp: 10900

Ion Ratio Lower Upper

76 100

78 11.2 7.3 10.9#



#20

Methylene Chloride

Concen: 2.299 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

Tgt Ion: 84 Resp: 23429

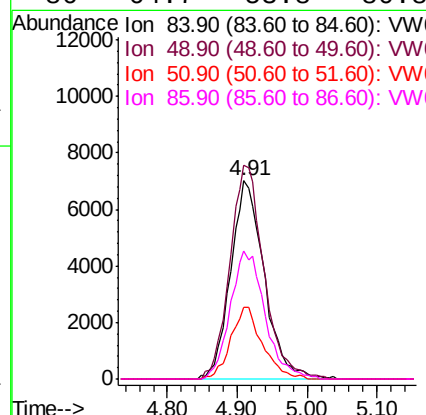
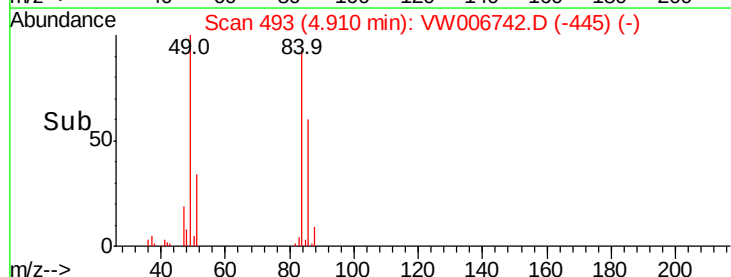
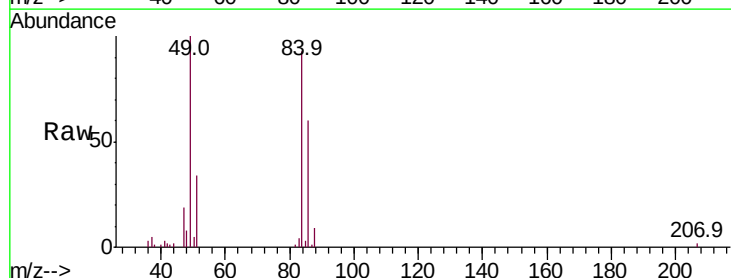
Ion Ratio Lower Upper

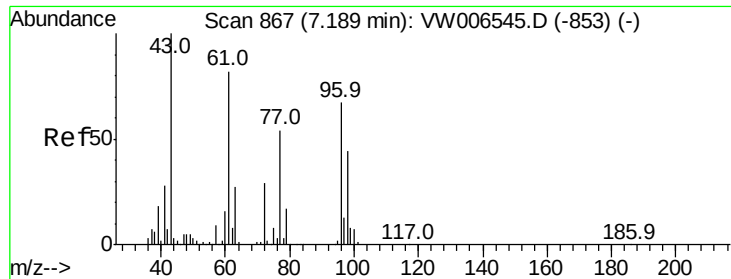
84 100

49 107.8 88.2 132.4

51 36.3 27.0 40.6

86 64.7 53.8 80.8





#25

2-Butanone

Concen: 4.406 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

Instrument :

MSVOA_W

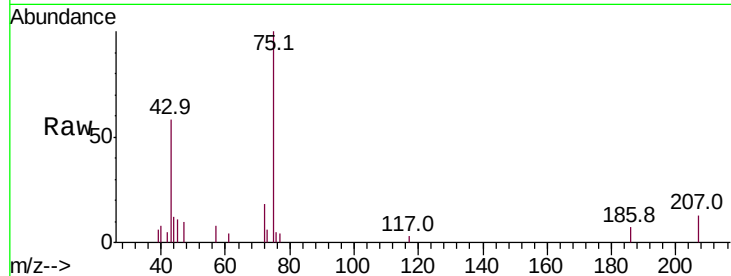
ClientSampled :

Tot Ion: 43 Resp: 2842

Ion Ratio Lower Upper

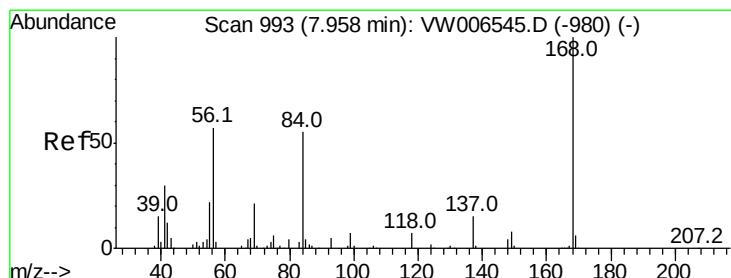
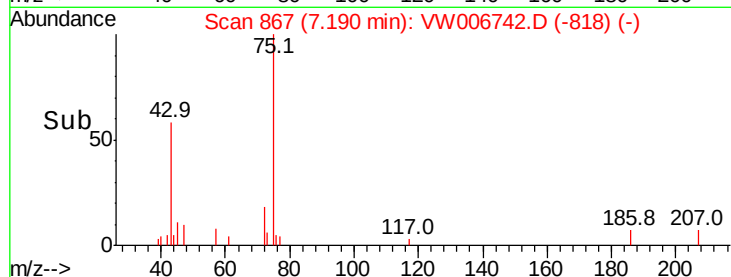
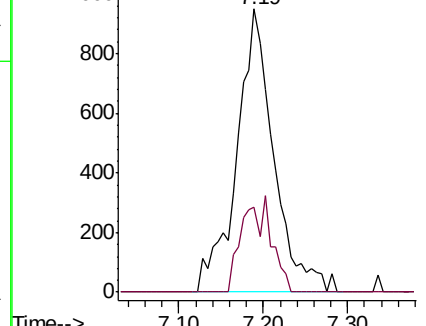
43 100

72 30.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.488 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

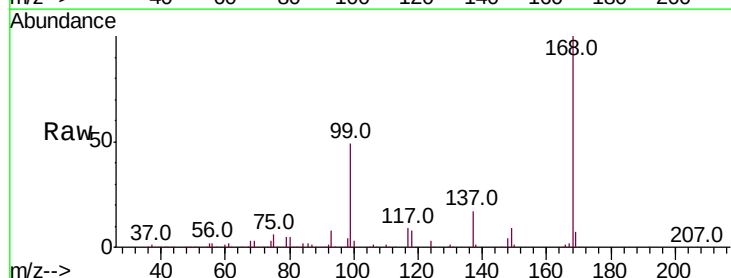
Tgt Ion: 56 Resp: 6636

Ion Ratio Lower Upper

56 100

69 153.8 29.0 43.4#

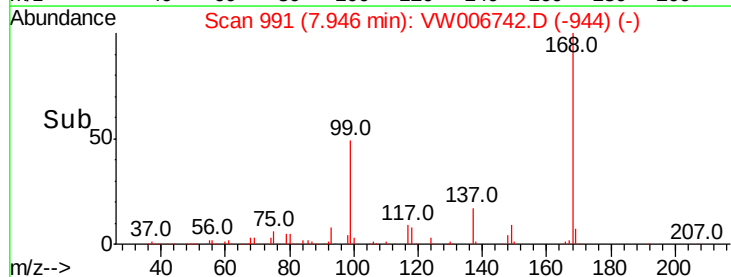
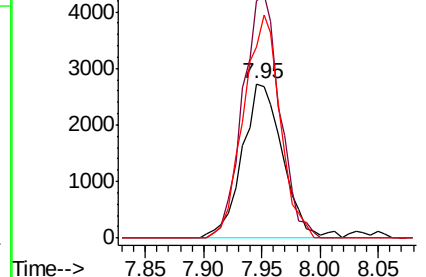
84 123.4 77.8 116.6#

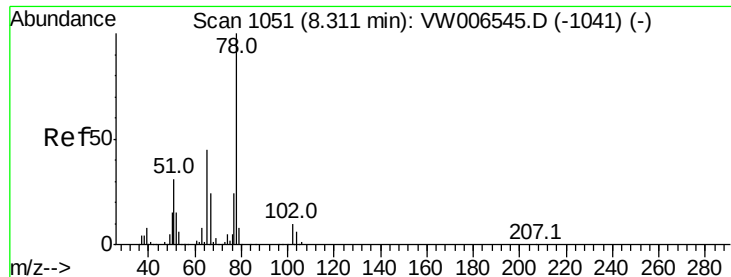


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

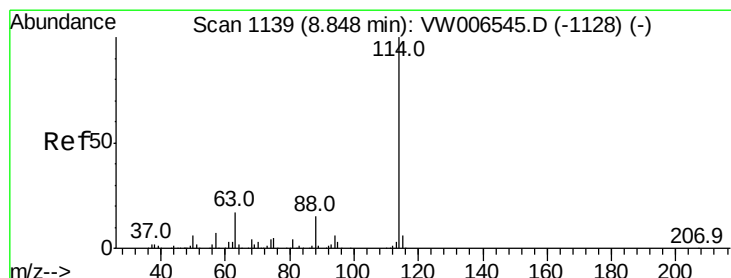
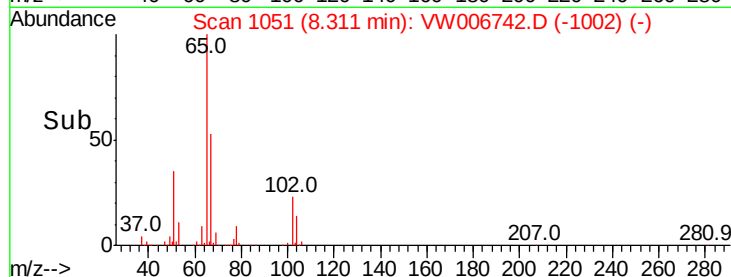
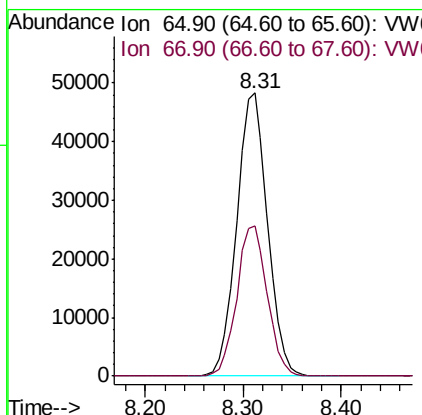
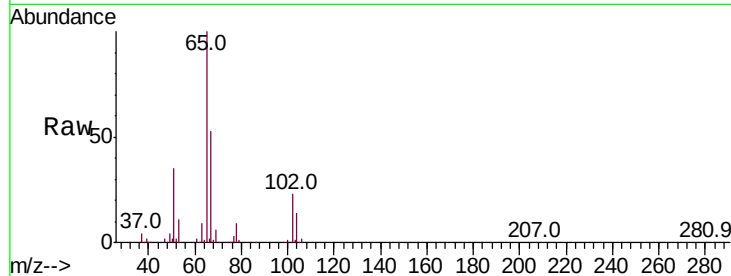




#33
 1,2-Dichloroethane-d4
 Concen: 37.642 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006742.D
 Acq: 07 Nov 2018 17:50

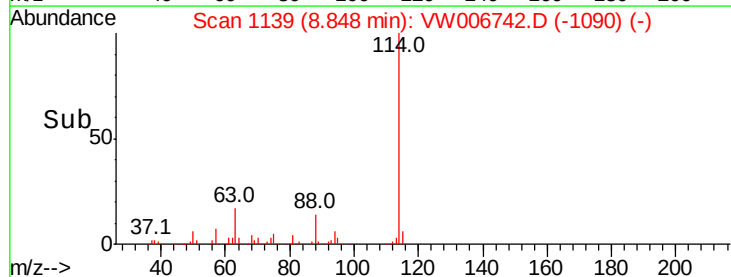
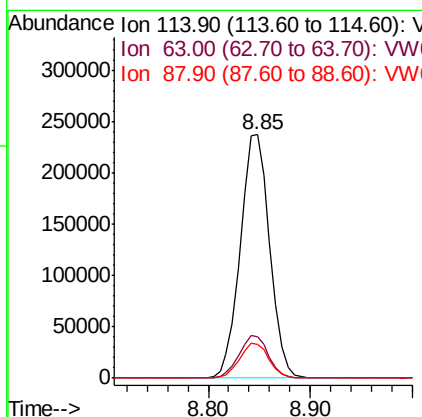
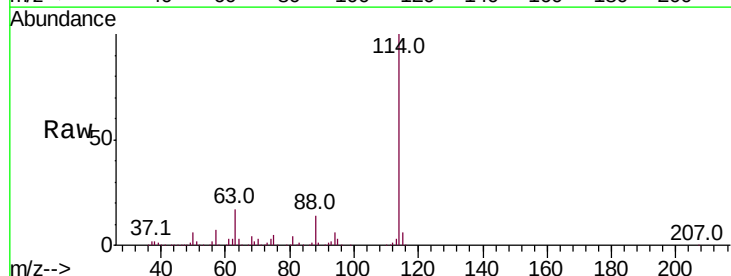
Instrument :
 MSVOA_W
 ClientSampleId :

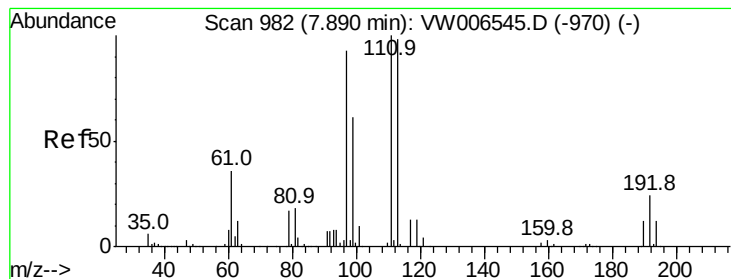
Tot Ion: 65 Resp: 105394
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006742.D
 Acq: 07 Nov 2018 17:50

Tgt Ion: 114 Resp: 473790
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.4
 88 13.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 36.593 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

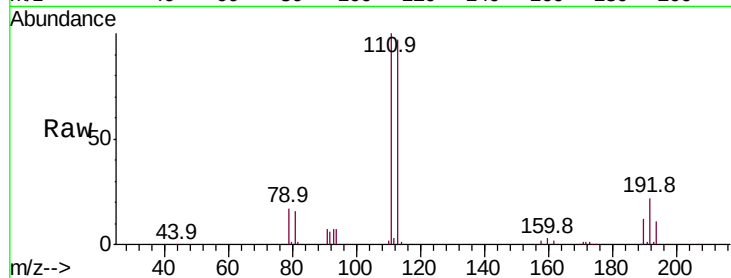
Tot Ion:113 Resp: 108805

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

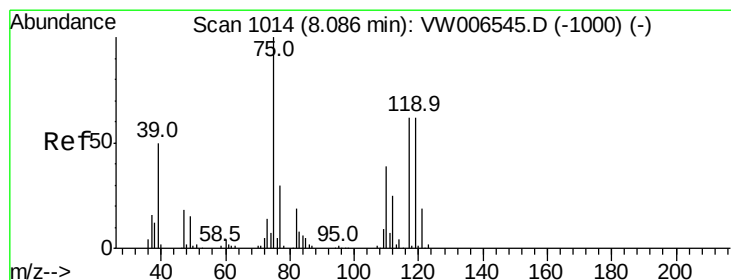
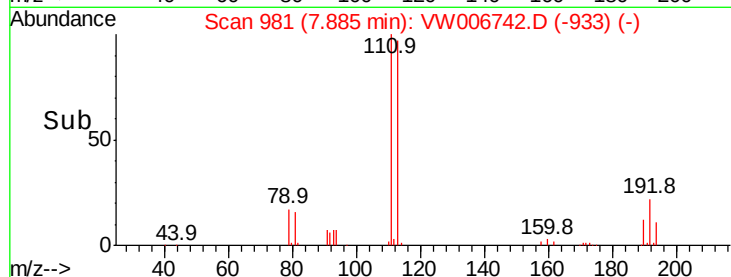
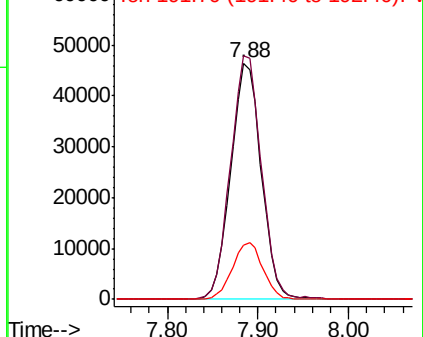
192 24.1 19.0 28.6



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: 4.746 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

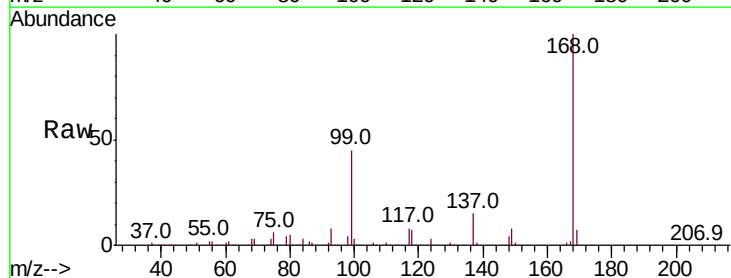
Tgt Ion: 75 Resp: 19773

Ion Ratio Lower Upper

75 100

110 9.3 19.5 58.5#

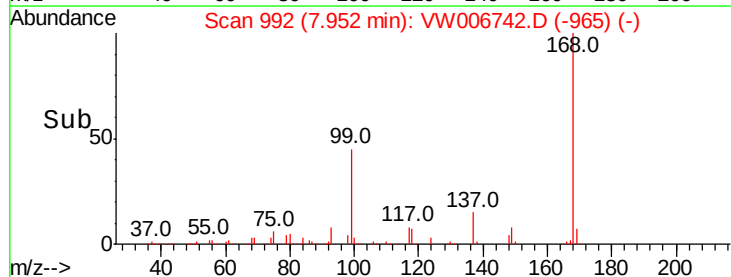
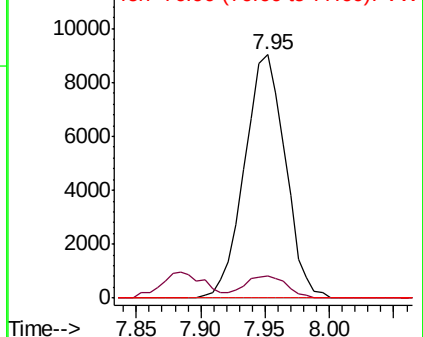
77 0.0 24.6 37.0#

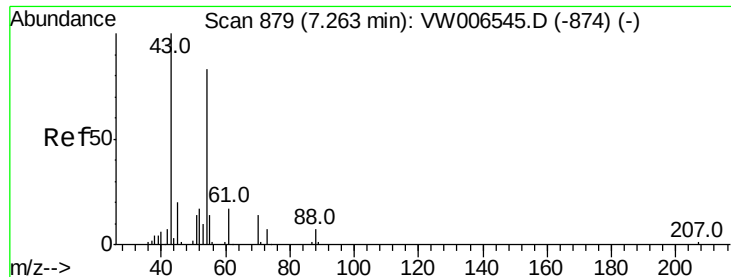


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

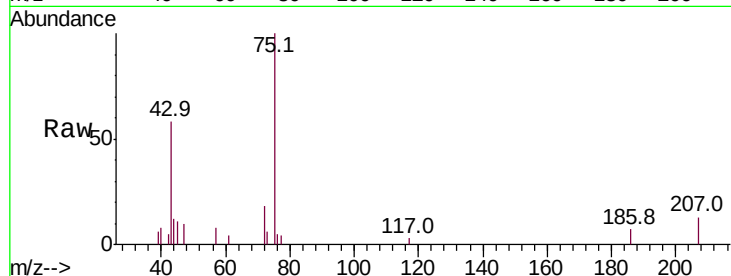




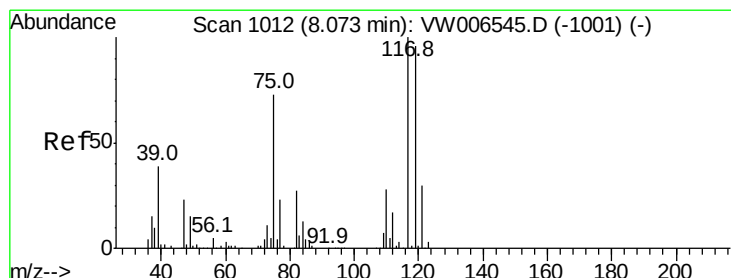
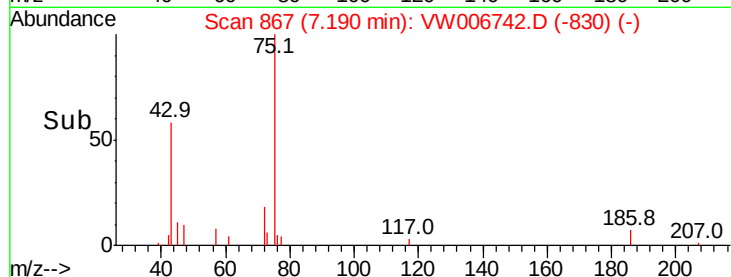
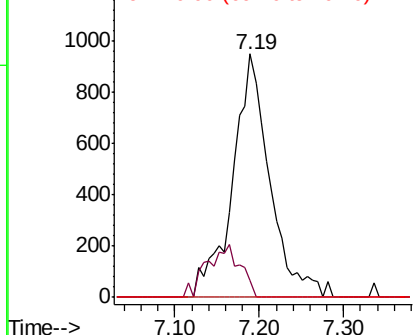
#37
Ethyl Acetate
Concen: 1.968 ug/l
RT: 7.19 min Scan# 867
Delta R.T. -0.07 min
Lab File: VW006742.D
Acq: 07 Nov 2018 17:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 9.8 14.6#

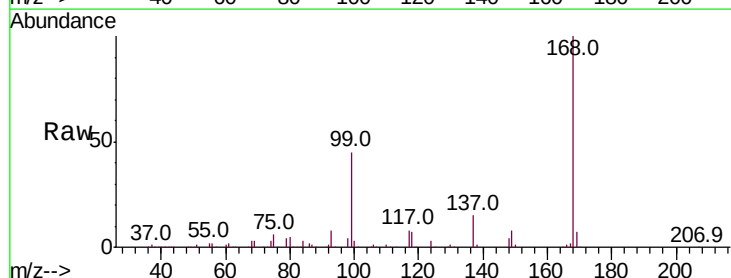


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

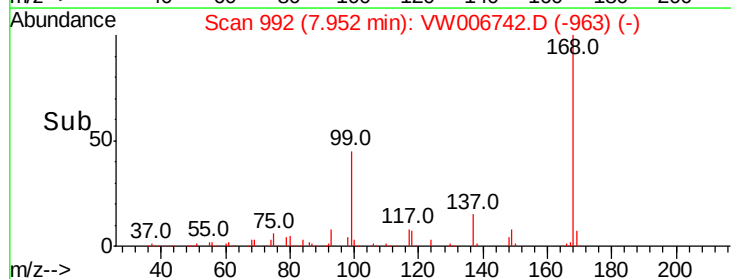
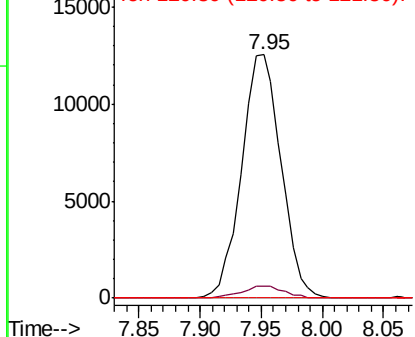


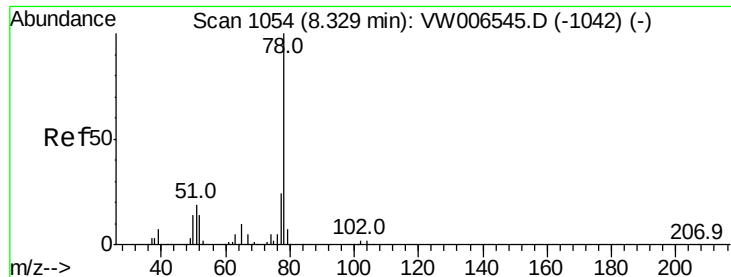
#38
Carbon Tetrachloride
Concen: 6.458 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006742.D
Acq: 07 Nov 2018 17:50

Tgt Ion: 117 Resp: 28114
Ion Ratio Lower Upper
117 100
119 5.0 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





#40

Benzene

Concen: 1.537 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

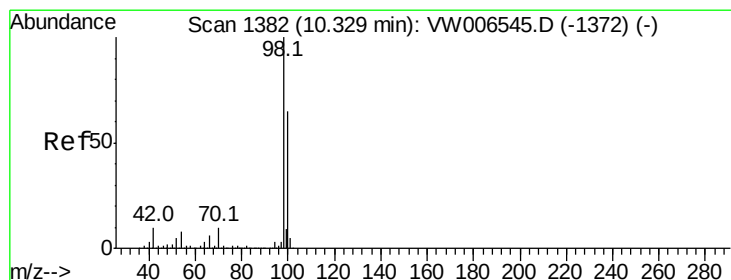
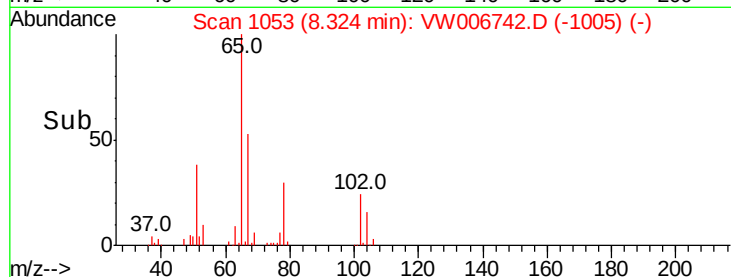
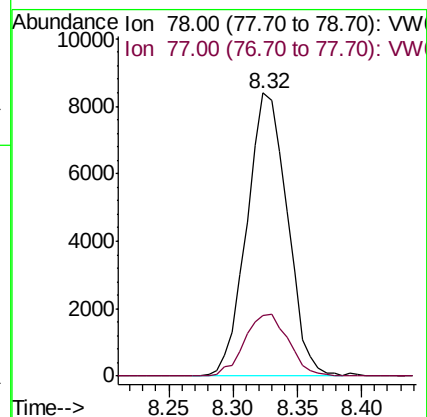
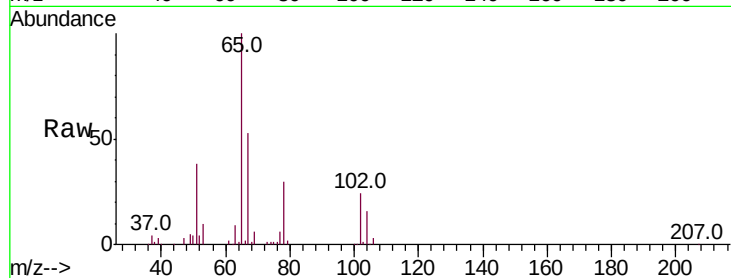
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 78 Resp: 18192

Ion Ratio Lower Upper

78 100

77 21.3 19.2 28.8



#50

Toluene-d8

Concen: 34.248 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006742.D

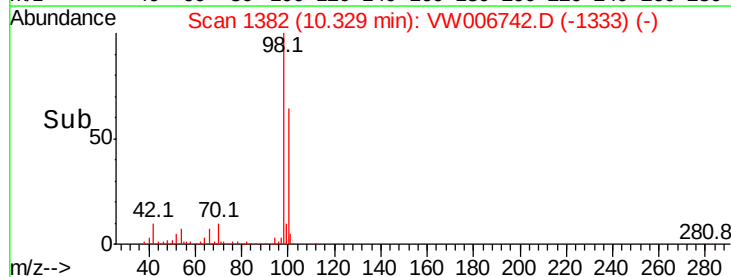
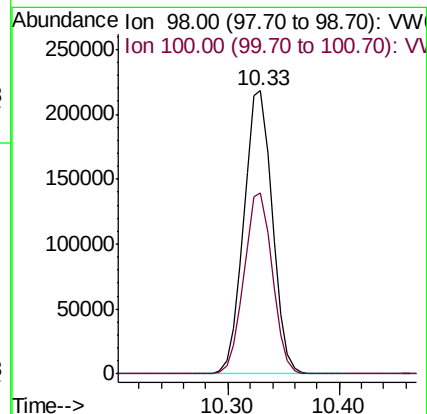
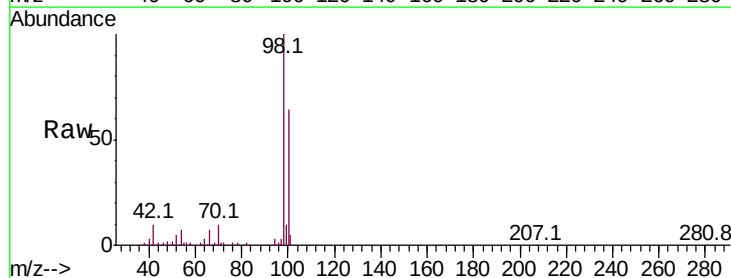
Acq: 07 Nov 2018 17:50

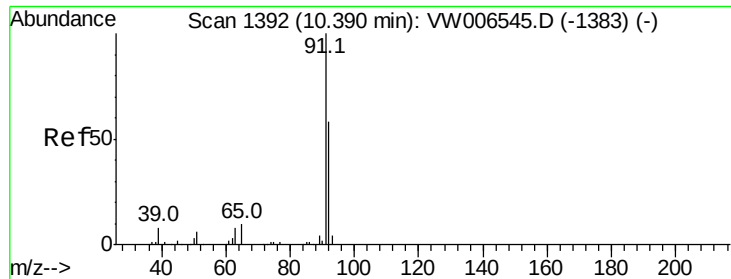
Tgt Ion: 98 Resp: 387656

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4





#52

Toluene

Concen: 10.429 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

Instrument :

MSVOA_W

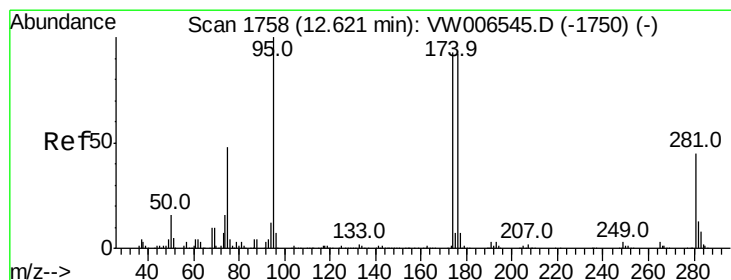
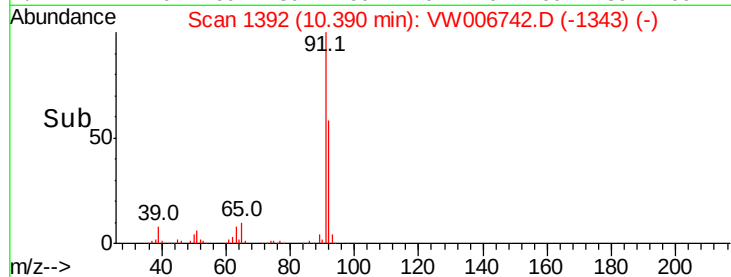
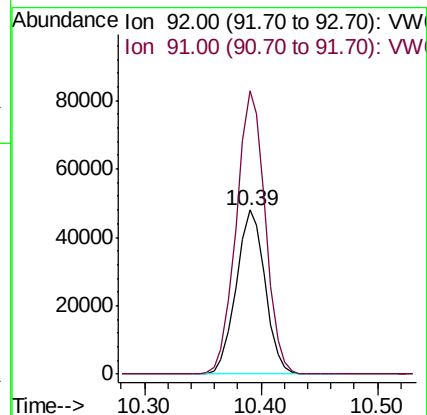
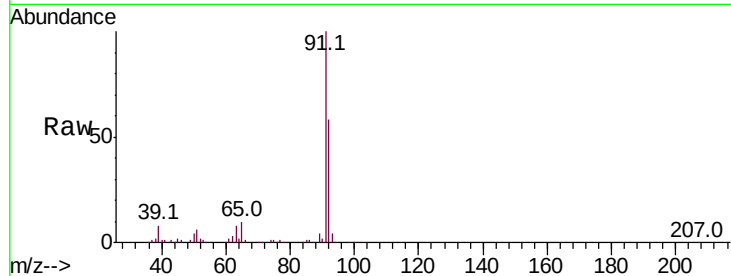
ClientSampleId :

Tot Ion: 92 Resp: 82783

Ion Ratio Lower Upper

92 100

91 173.5 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 31.762 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

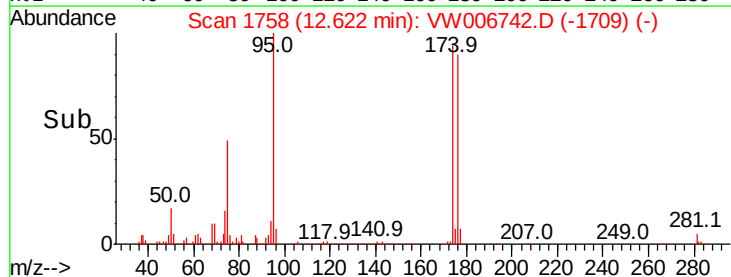
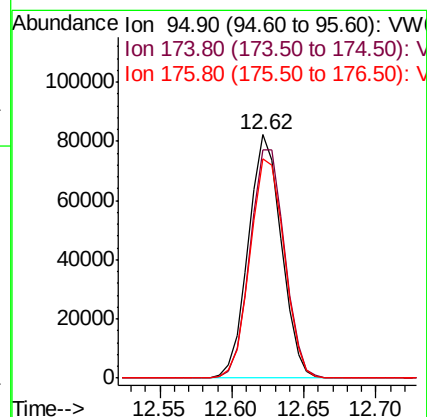
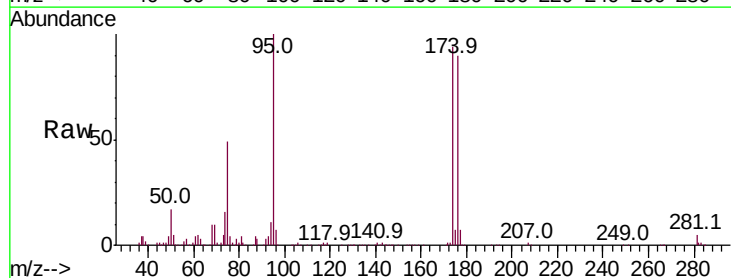
Tgt Ion: 95 Resp: 130342

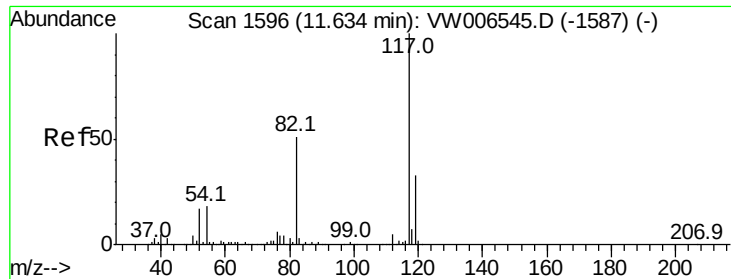
Ion Ratio Lower Upper

95 100

174 98.2 0.0 192.4

176 93.7 0.0 187.4

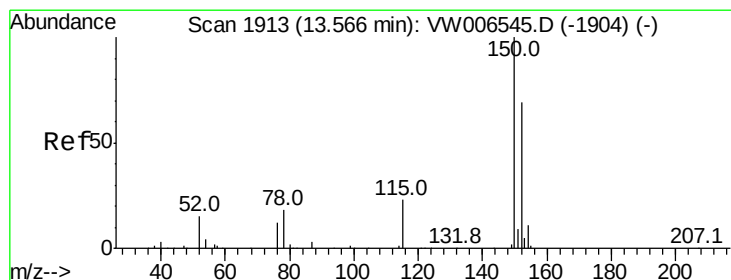
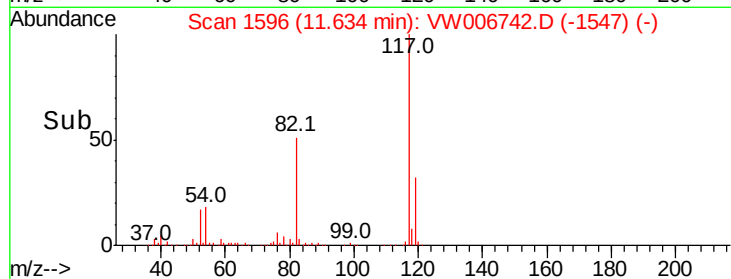
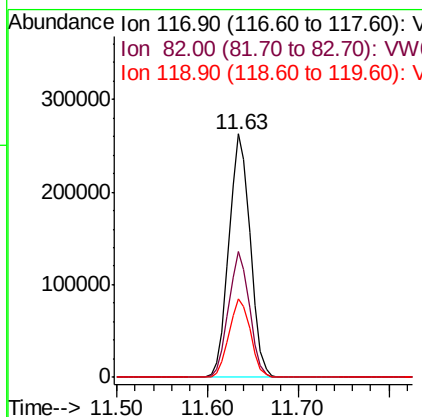
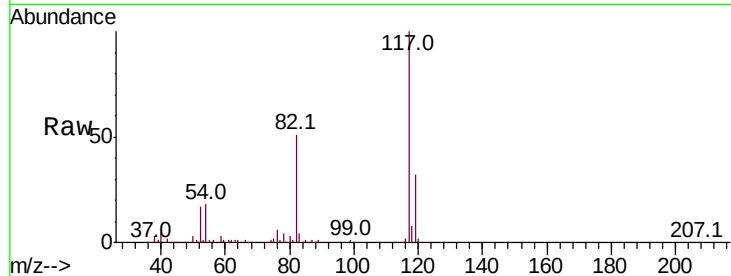




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006742.D
Acq: 07 Nov 2018 17:50

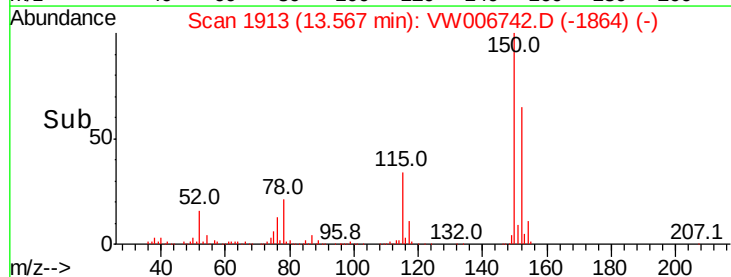
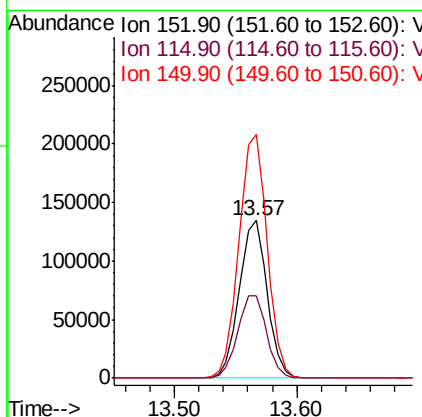
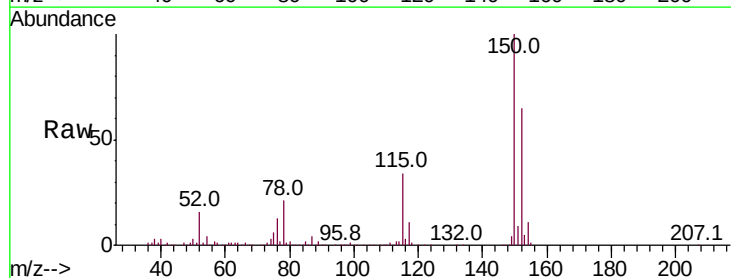
Instrument :
MSVOA_W
ClientSampleId :

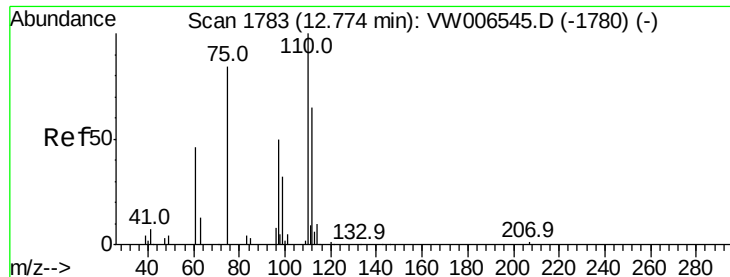
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.8	61.2
119	32.0	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006742.D
Acq: 07 Nov 2018 17:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.6	79.8
150	156.3	0.0	344.6





#76

1,2,3-Trichloropropane

Concen: 38.510 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

Instrument :

MSVOA_W

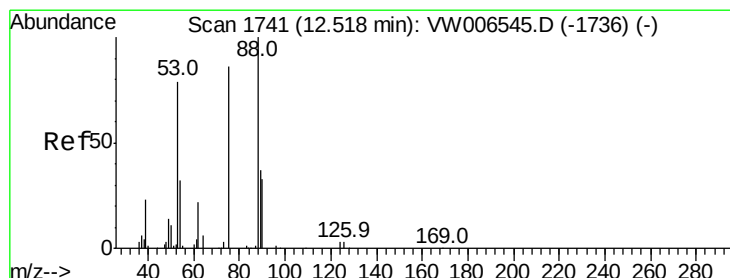
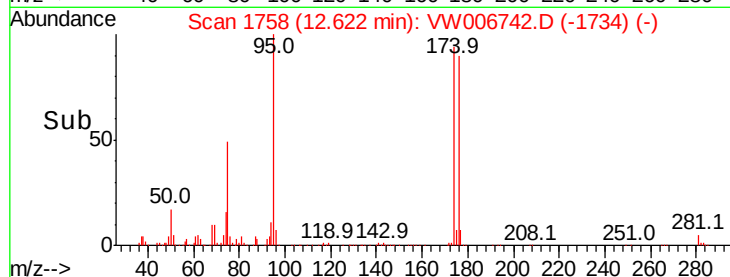
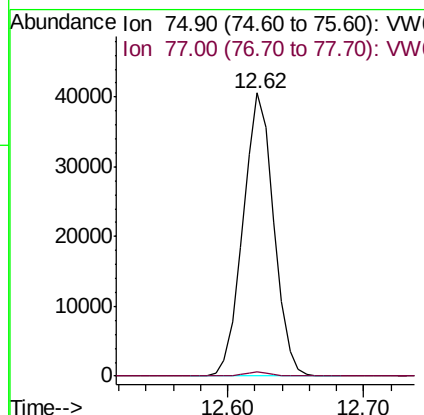
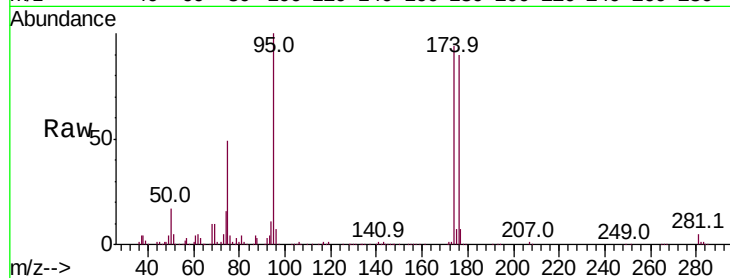
ClientSampleId :

Tot Ion: 75 Resp: 63862

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.083 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006742.D

Acq: 07 Nov 2018 17:50

Tgt Ion: 75 Resp: 63862

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.1 38.6 58.0#

