

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007217.D
 Acq On : 05 Dec 2018 06:07
 Operator : SY/AP
 Sample : J6210-03
 Misc : 4.66G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-3(4.5)

Quant Time: Dec 05 07:27:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

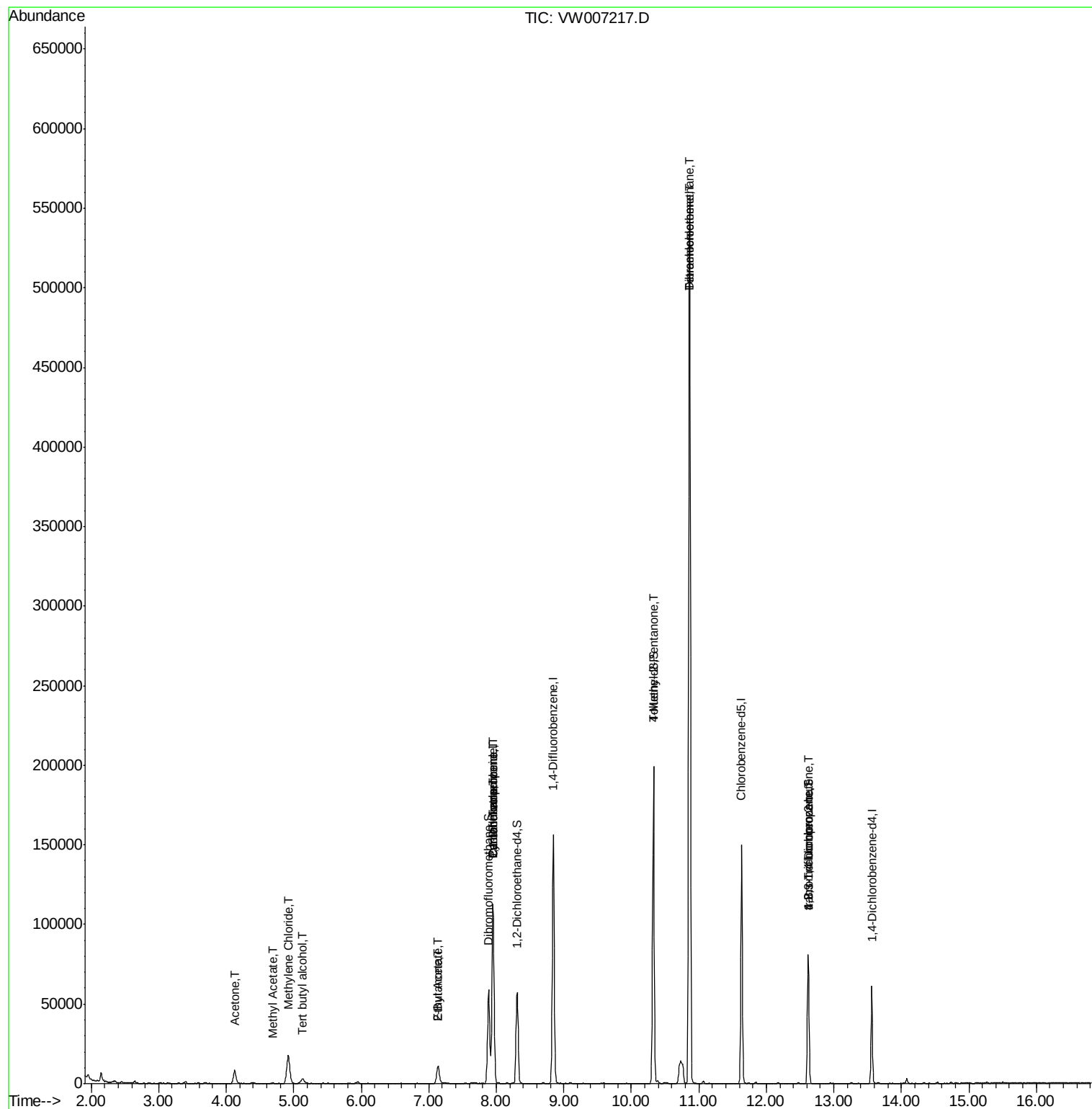
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	139811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	84906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	46211	57.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.04%	
35) Dibromofluoromethane	7.88	113	44664	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
50) Toluene-d8	10.33	98	138579	39.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.60%	
62) 4-Bromofluorobenzene	12.62	95	25299	19.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.13	59	3071	22.848	ug/l #	75
16) Acetone	4.12	43	14513	76.311	ug/l	96
18) Methyl Acetate	4.70	43	464	1.069	ug/l #	50
20) Methylene Chloride	4.92	84	13898	10.378	ug/l	94
25) 2-Butanone	7.13	43	548	2.486	ug/l	96
31) Cyclohexane	7.95	56	1618	1.015	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6427	4.724	ug/l #	49
37) Ethyl Acetate	7.13	43	548	1.114	ug/l #	28
38) Carbon Tetrachloride	7.95	117	8867	6.386	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	532	1.130	ug/l #	1
60) Dibromochloromethane	10.87	129	120237	152.471	ug/l #	10
64) Tetrachloroethene	10.87	164	126219	203.469	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	12663	54.088	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	12663	226.257	ug/l #	13

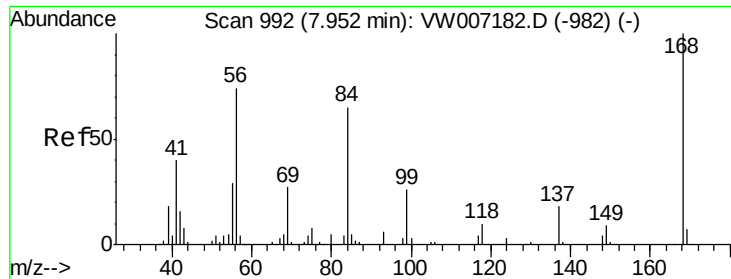
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120418\
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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: VW007217.D

Acq: 05 Dec 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

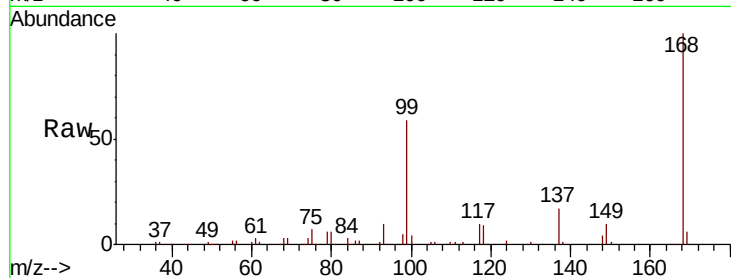
WC-3(4.5)

Tot Ion:168 Resp: 86286

Ion Ratio Lower Upper

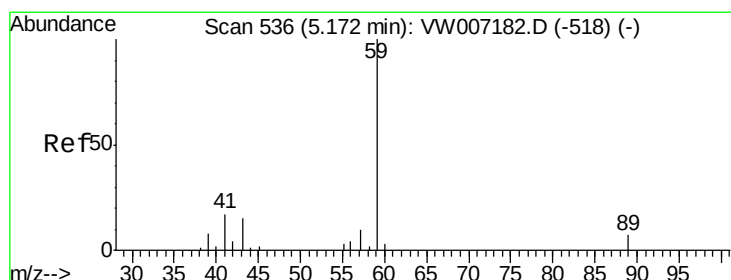
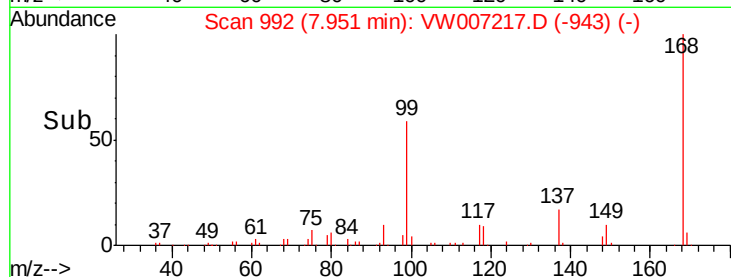
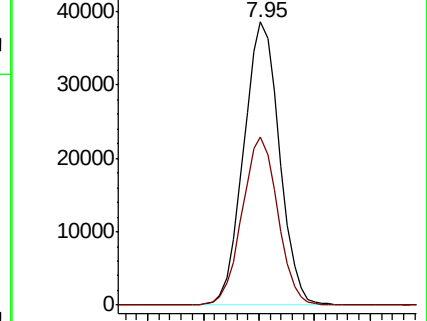
168 100

99 59.5 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 22.848 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW007217.D

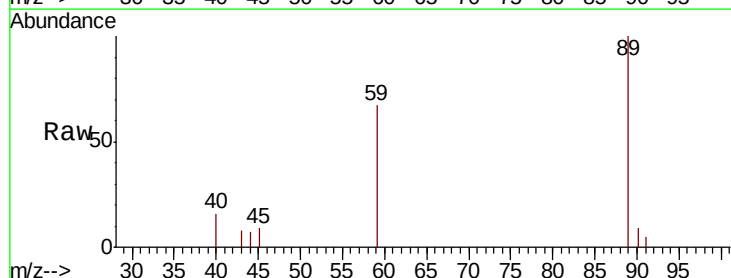
Acq: 05 Dec 2018 06:07

Tgt Ion: 59 Resp: 3071

Ion Ratio Lower Upper

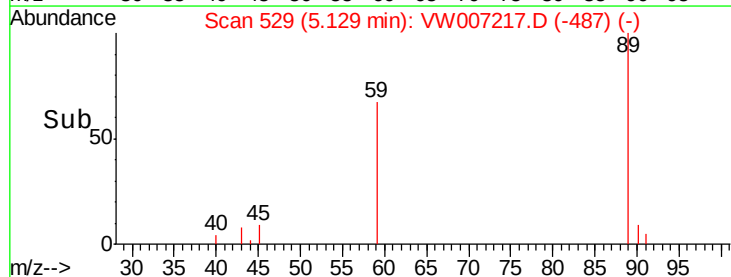
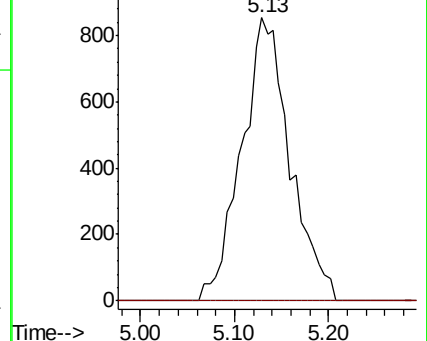
59 100

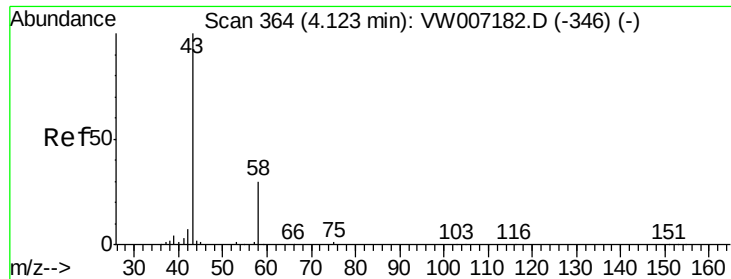
57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

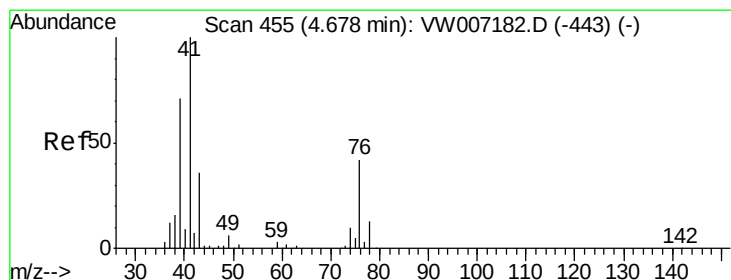
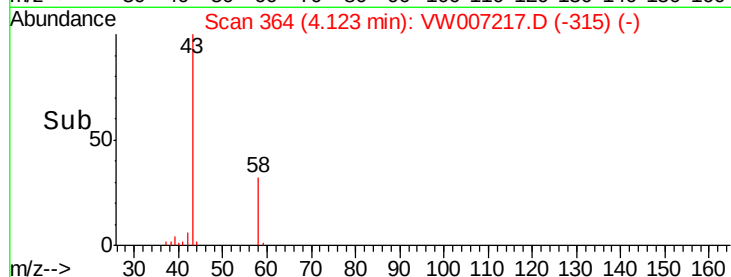
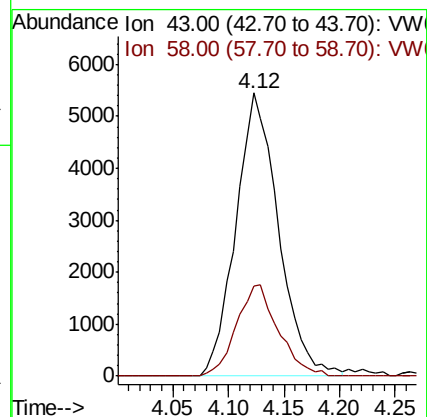
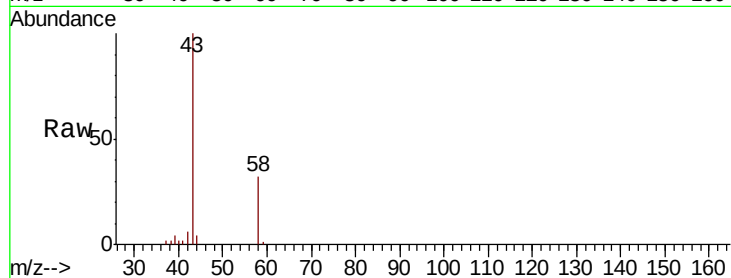




#16
Acetone
Concen: 76.311 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW007217.D
Acq: 05 Dec 2018 06:07

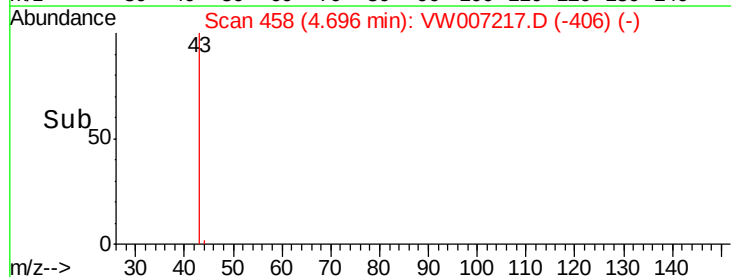
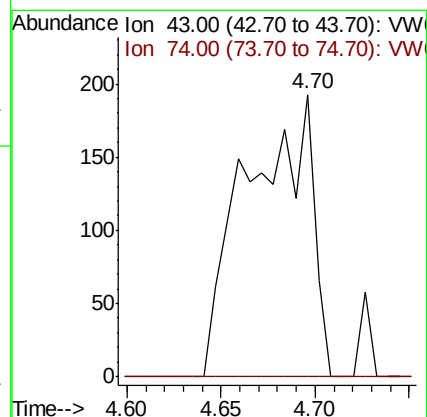
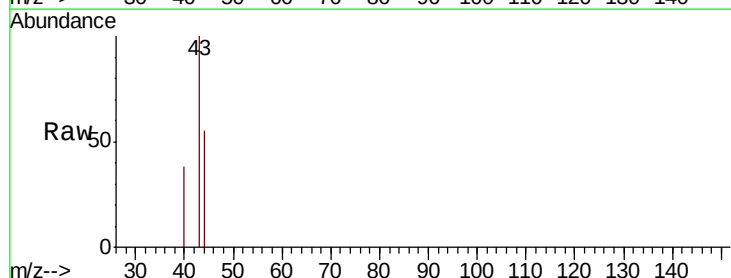
Instrument :
MSVOA_W
ClientSampleId :
WC-3(4.5)

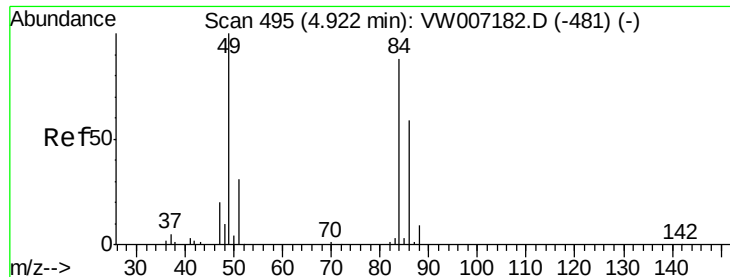
Tot Ion: 43 Resp: 14513
Ion Ratio Lower Upper
43 100
58 31.8 23.8 35.8



#18
Methyl Acetate
Concen: 1.069 ug/l
RT: 4.70 min Scan# 458
Delta R.T. 0.02 min
Lab File: VW007217.D
Acq: 05 Dec 2018 06:07

Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#

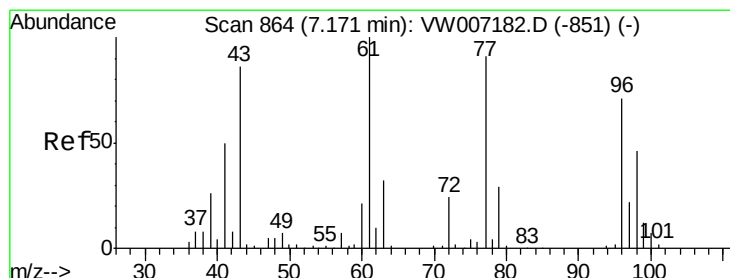
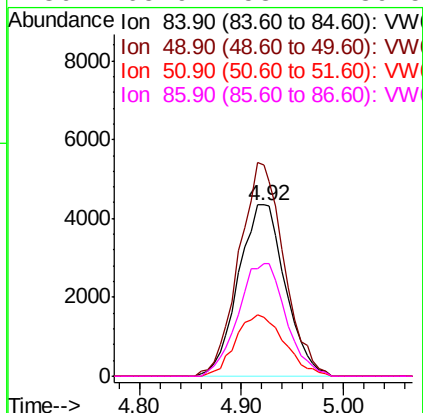
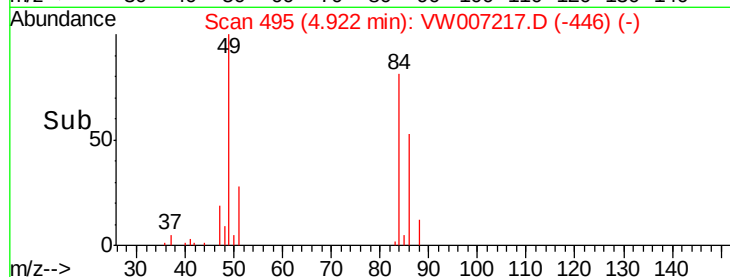
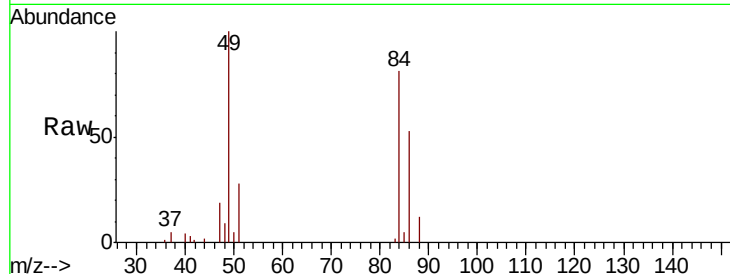




#20
Methylene Chloride
Concen: 10.378 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007217.D
Acq: 05 Dec 2018 06:07

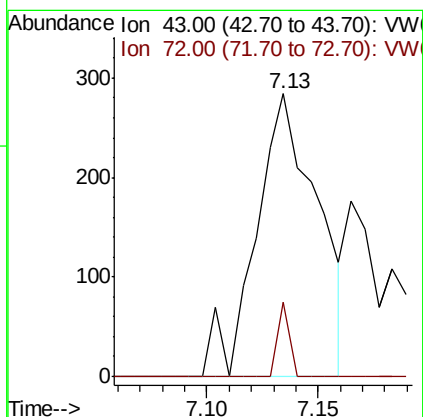
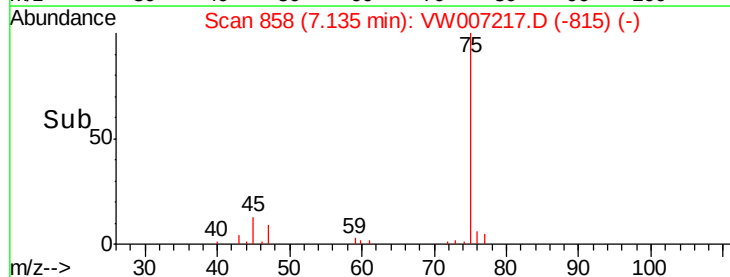
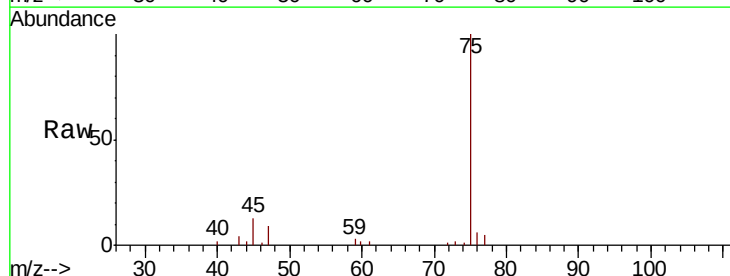
Instrument :
MSVOA_W
ClientSampleId :
WC-3(4.5)

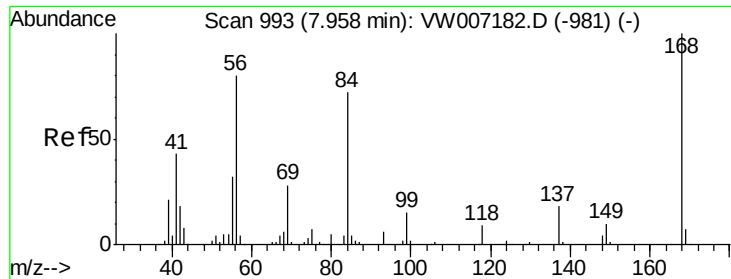
Tot Ion: 84 Resp: 13898
Ion Ratio Lower Upper
84 100
49 123.4 90.6 135.8
51 34.1 27.6 41.4
86 65.9 53.7 80.5



#25
2-Butanone
Concen: 2.486 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW007217.D
Acq: 05 Dec 2018 06:07

Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
72 26.4 22.8 34.2

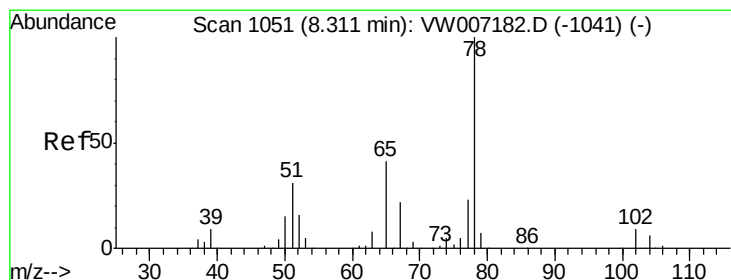
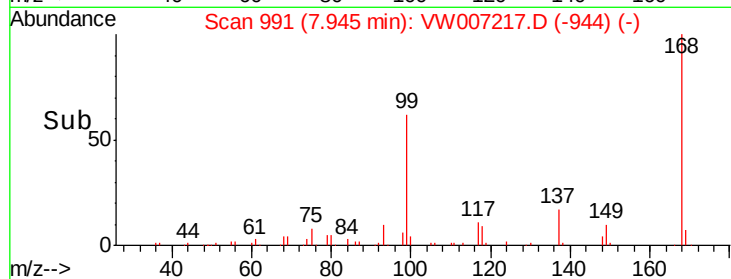
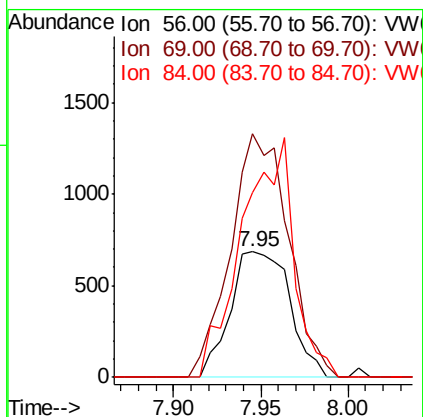
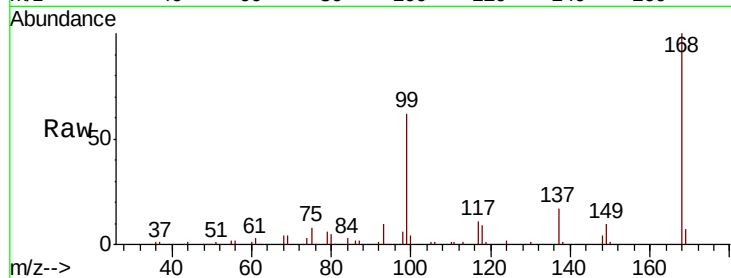




#31
Cyclohexane
Concen: 1.015 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007217.D
Acq: 05 Dec 2018 06:07

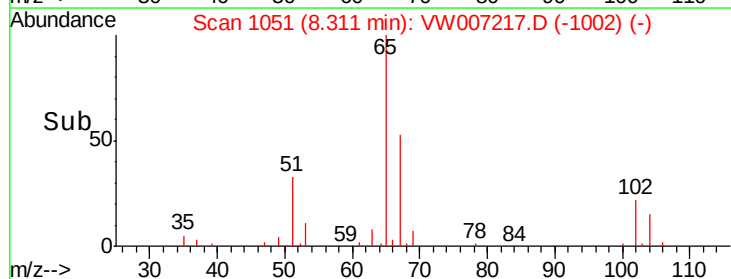
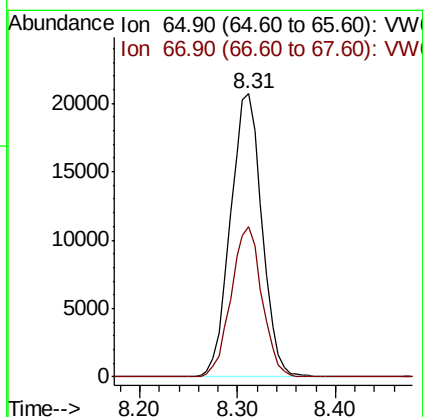
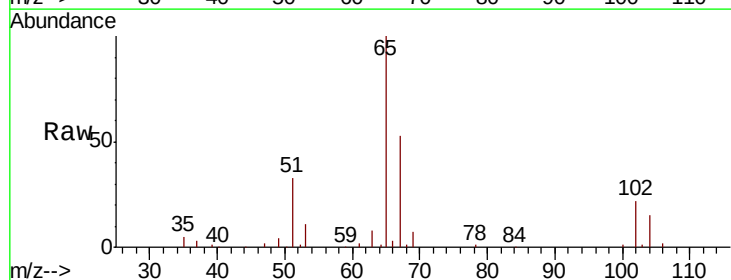
Instrument :
MSVOA_W
ClientSampleId :
WC-3(4.5)

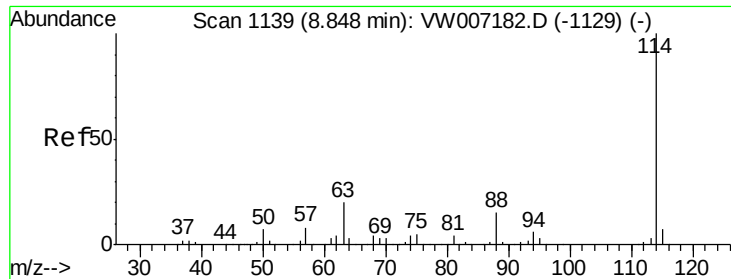
Tot Ion: 56 Resp: 1618
Ion Ratio Lower Upper
56 100
69 193.7 28.2 42.2#
84 147.5 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 57.522 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007217.D
Acq: 05 Dec 2018 06:07

Tgt Ion: 65 Resp: 46211
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.4

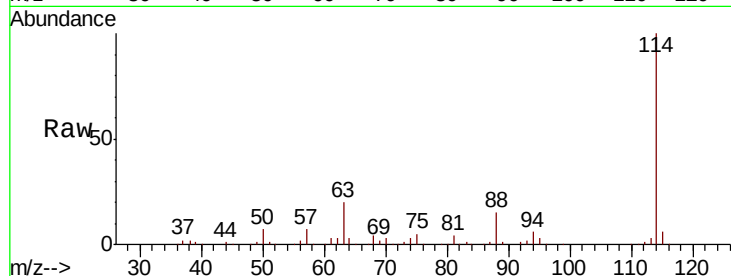




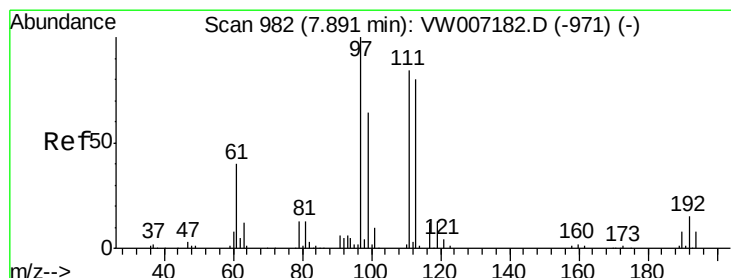
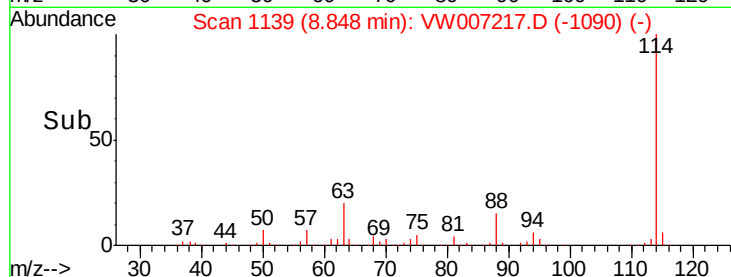
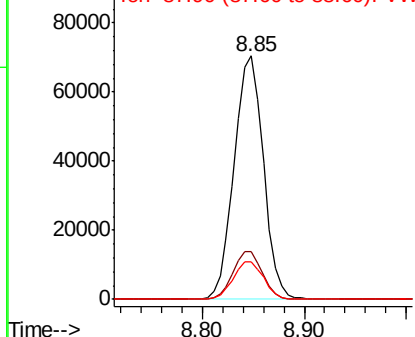
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007217.D
 Acq: 05 Dec 2018 06:07

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-3(4.5)

Tot Ion:114 Resp: 139811
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.2
 88 15.4 0.0 30.0

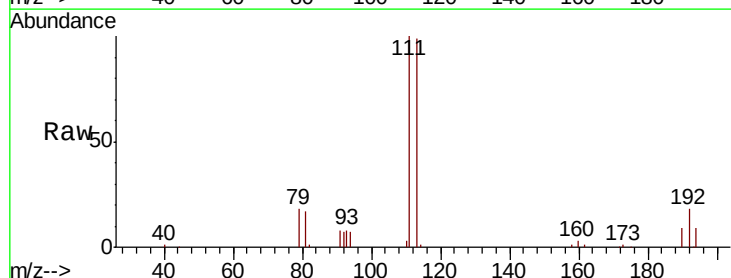


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

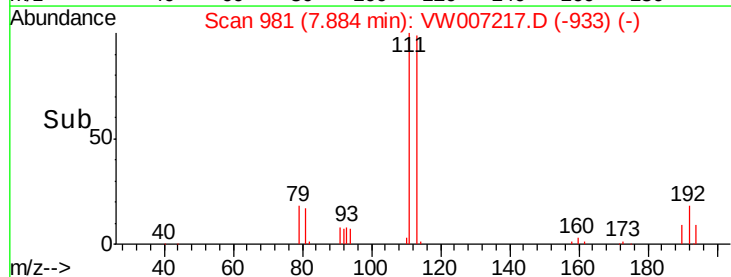
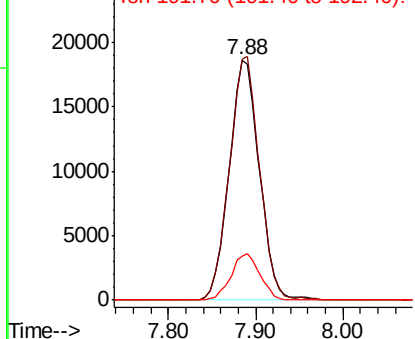


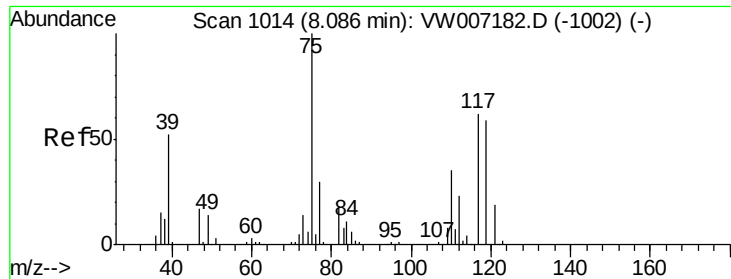
#35
 Dibromofluoromethane
 Concen: 55.791 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007217.D
 Acq: 05 Dec 2018 06:07

Tgt Ion:113 Resp: 44664
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.2 123.4
 192 18.4 14.4 21.6



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

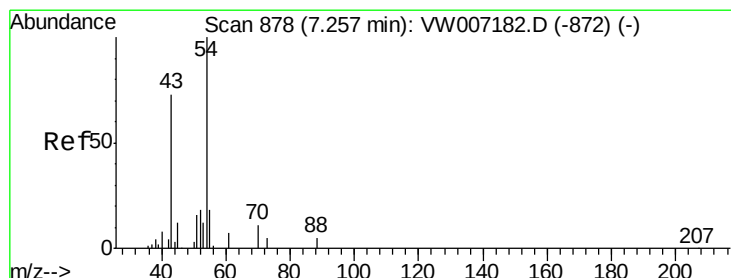
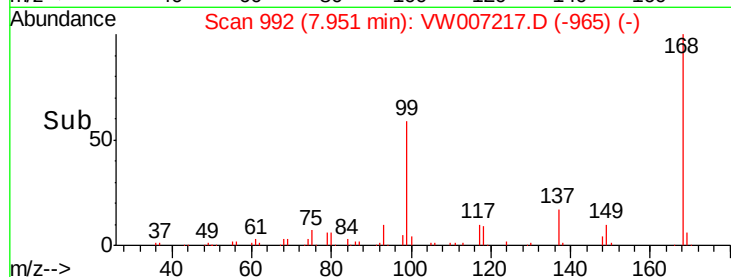
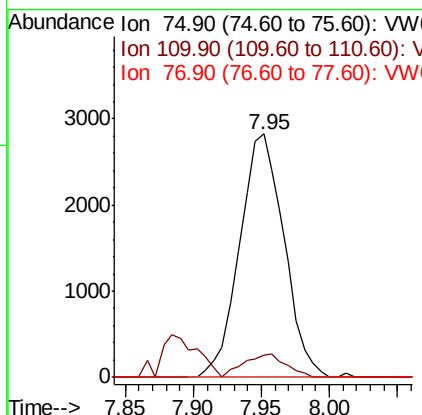
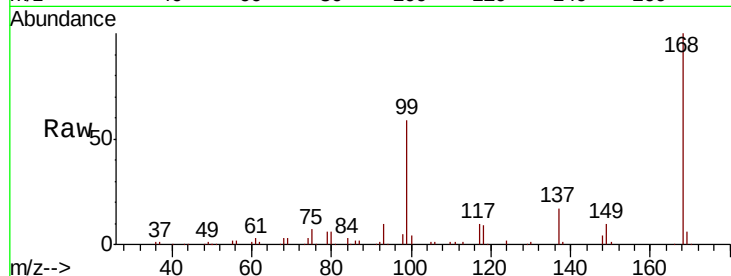




#36
 1,1-Dichloropropene
 Concen: 4.724 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007217.D
 Acq: 05 Dec 2018 06:07

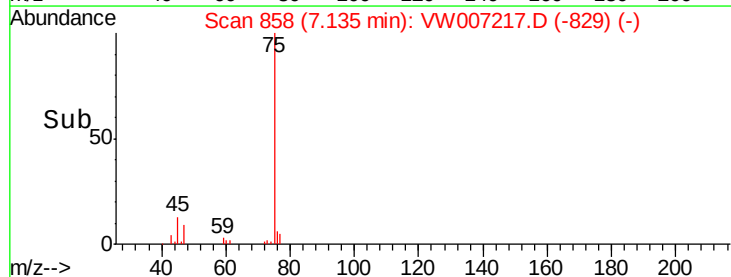
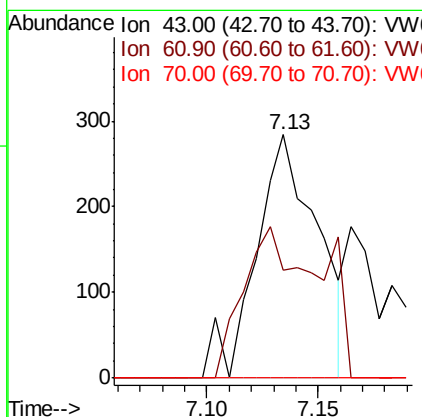
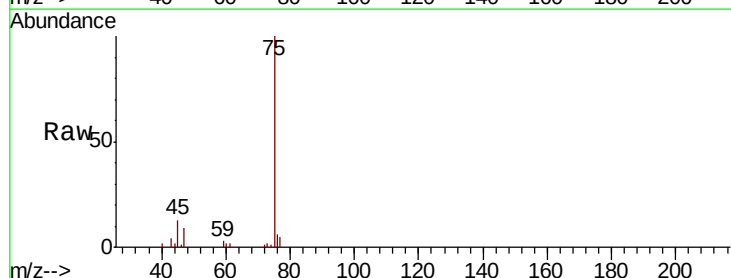
Instrument :
 MSVOA_W
 ClientSampled :
 WC-3(4.5)

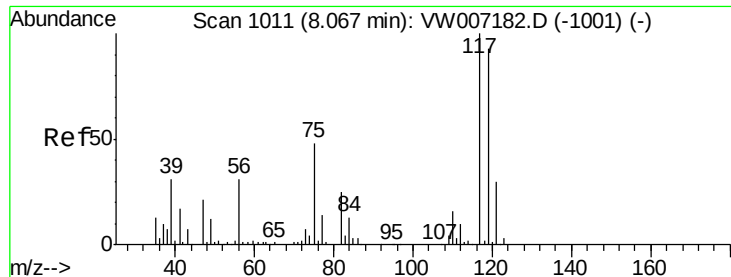
Tot Ion: 75 Resp: 6427
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.3 54.9#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 1.114 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.12 min
 Lab File: VW007217.D
 Acq: 05 Dec 2018 06:07

Tgt Ion: 43 Resp: 548
 Ion Ratio Lower Upper
 43 100
 61 58.0 12.1 18.1#
 70 0.0 9.1 13.7#





#38

Carbon Tetrachloride

Concen: 6.386 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007217.D

Acq: 05 Dec 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

WC-3(4.5)

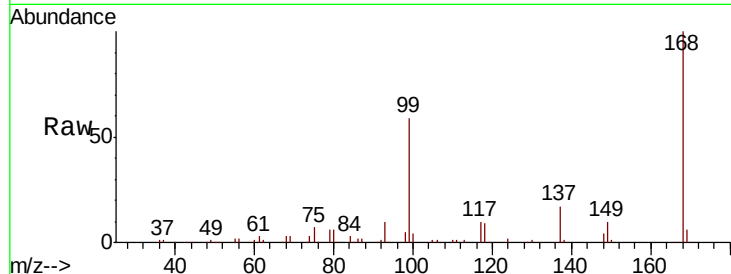
Tot Ion:117 Resp: 8867

Ion Ratio Lower Upper

117 100

119 4.5 74.1 111.1#

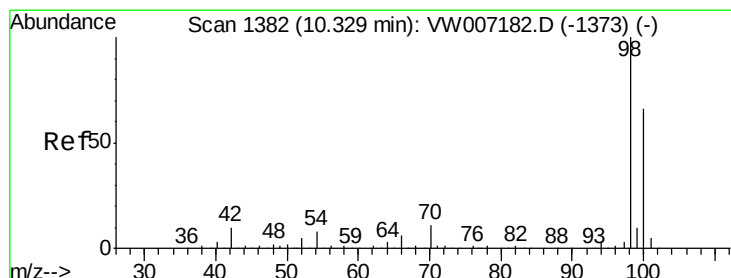
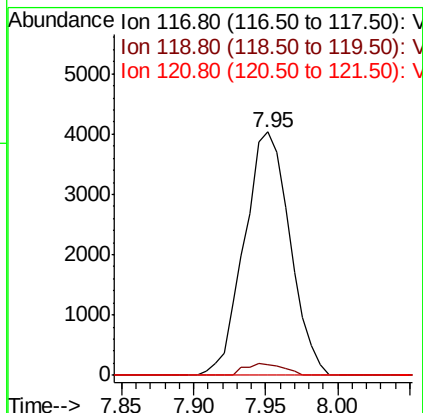
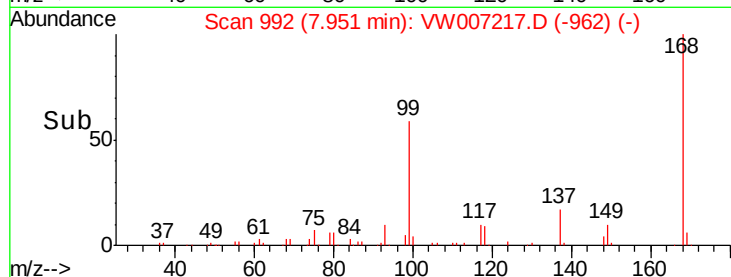
121 0.0 23.9 35.9#



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: 39.297 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007217.D

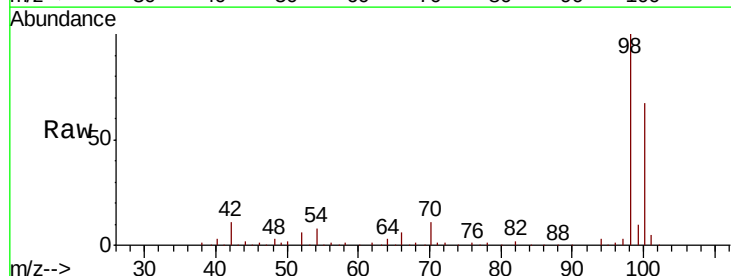
Acq: 05 Dec 2018 06:07

Tgt Ion: 98 Resp: 138579

Ion Ratio Lower Upper

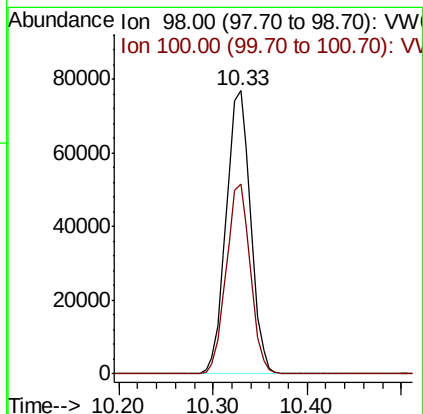
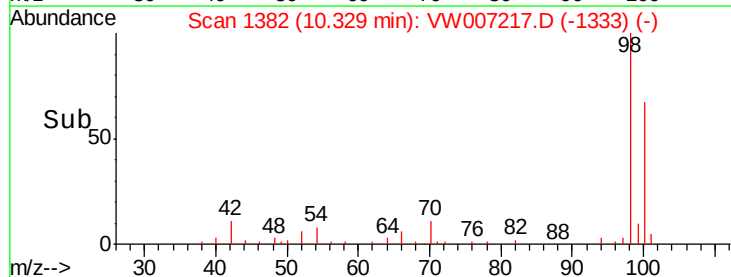
98 100

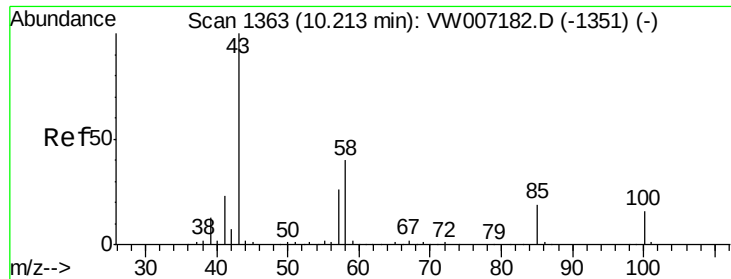
100 66.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.130 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007217.D

Acq: 05 Dec 2018 06:07

Instrument :

MSVOA_W

ClientSampled :

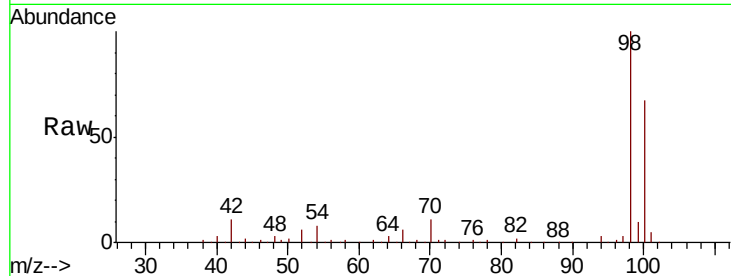
WC-3(4.5)

Tot Ion: 43 Resp: 532

Ion Ratio Lower Upper

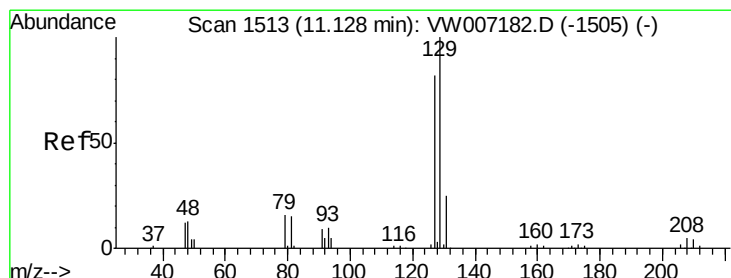
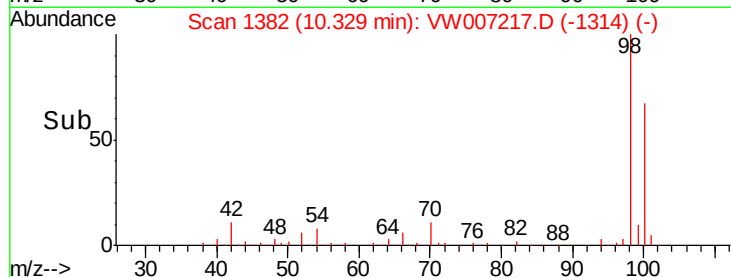
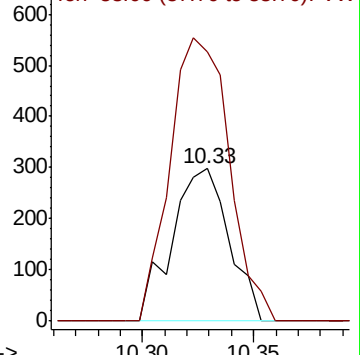
43 100

58 192.5 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 152.471 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW007217.D

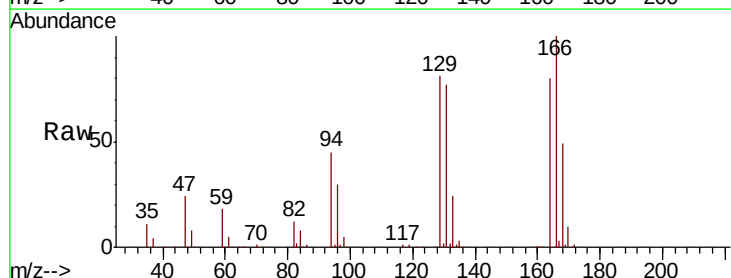
Acq: 05 Dec 2018 06:07

Tgt Ion:129 Resp: 120237

Ion Ratio Lower Upper

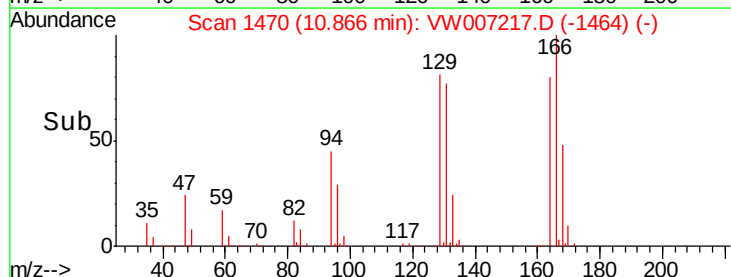
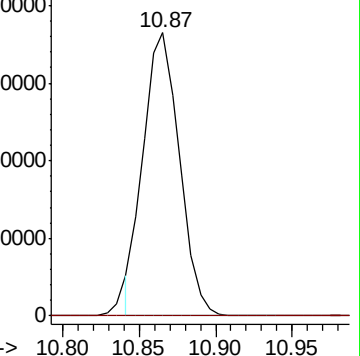
129 100

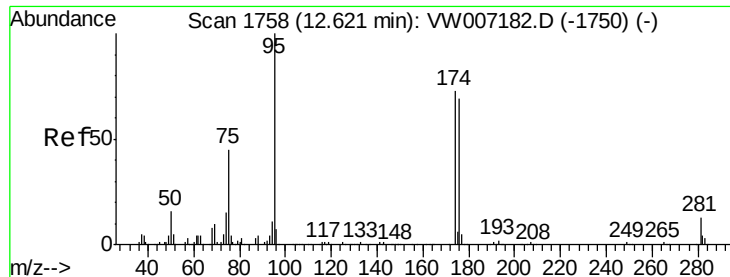
127 0.0 39.8 119.4#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

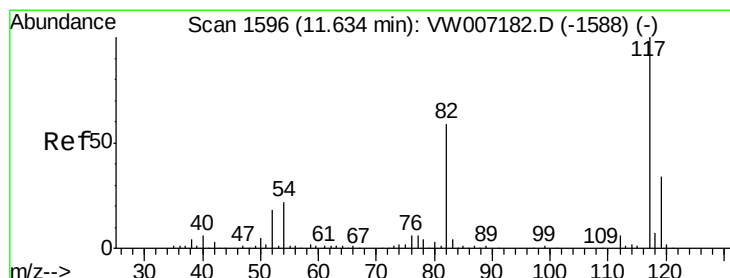
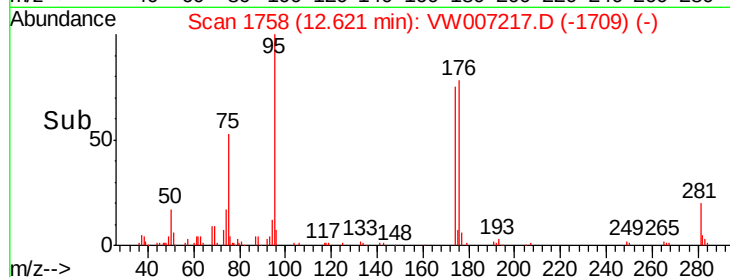
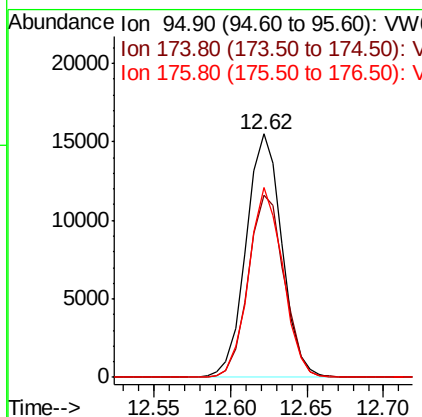
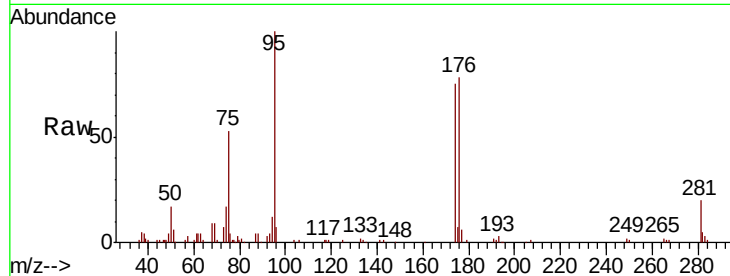




#62
4-Bromofluorobenzene
Concen: 19.007 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007217.D
Acq: 05 Dec 2018 06:07

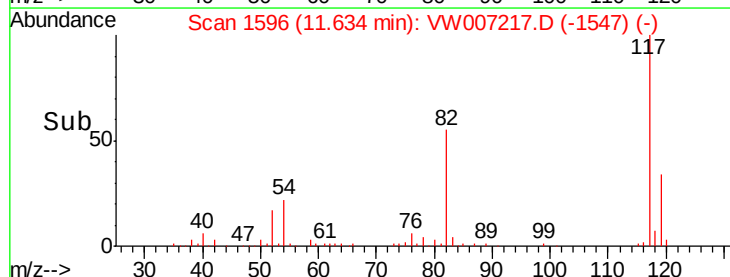
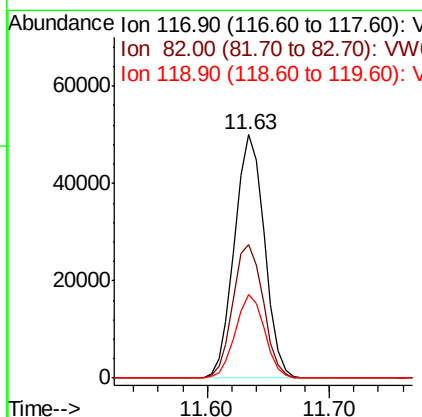
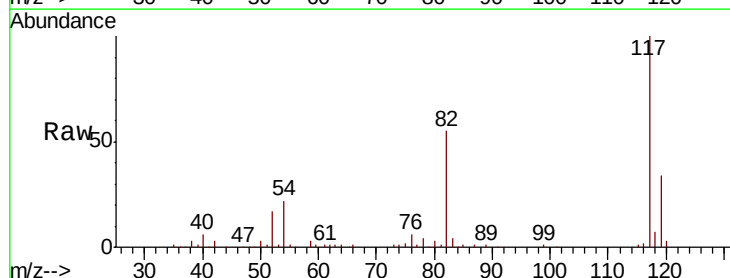
Instrument :
MSVOA_W
ClientSampleId :
WC-3(4.5)

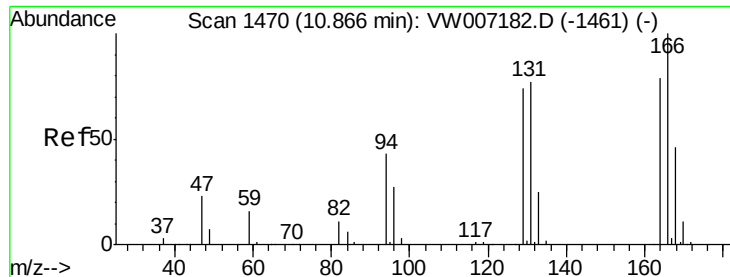
Tot Ion	95	Resp	25299
Ion Ratio	Lower	Upper	
95	100		
174	75.0	0.0	148.0
176	74.2	0.0	139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007217.D
Acq: 05 Dec 2018 06:07

Tgt Ion	117	Resp	84906
Ion Ratio	Lower	Upper	
117	100		
82	55.0	47.4	71.2
119	34.2	26.8	40.2





#64

Tetrachloroethene

Concen: 203.469 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW007217.D

Acq: 05 Dec 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

WC-3(4.5)

Tot Ion:164 Resp: 126219

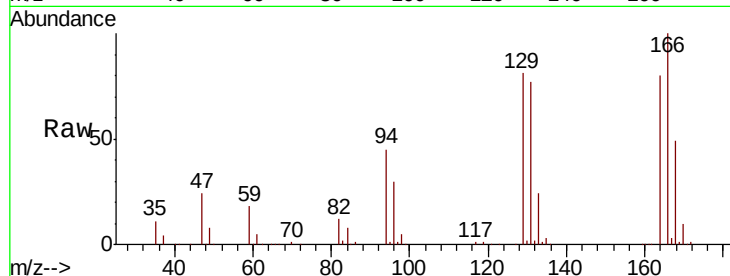
Ion Ratio Lower Upper

164 100

166 125.3 101.0 151.4

129 101.3 74.6 111.8

131 97.1 77.6 116.4

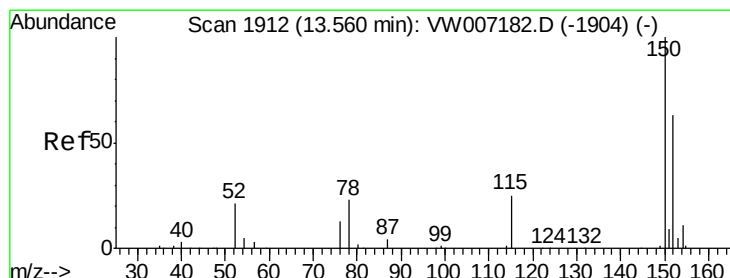
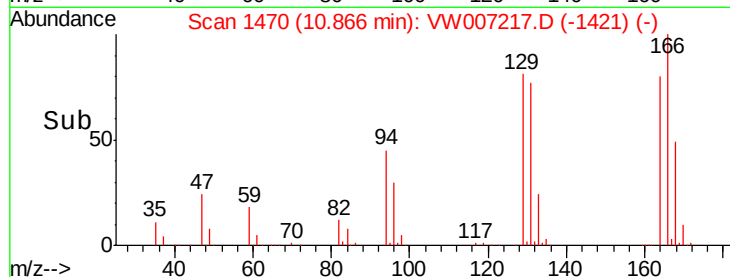
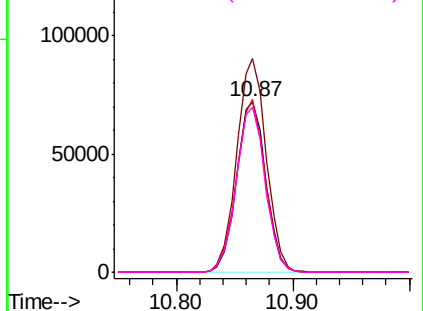


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007217.D

Acq: 05 Dec 2018 06:07

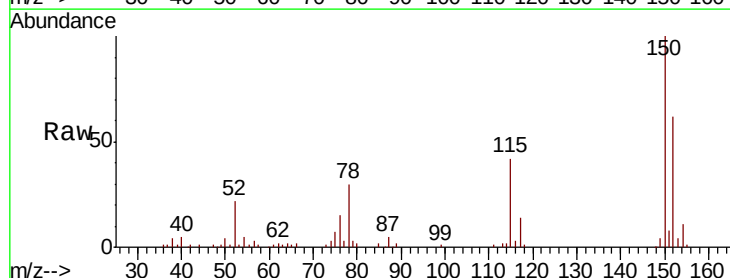
Tgt Ion:152 Resp: 15579

Ion Ratio Lower Upper

152 100

115 63.0 31.3 93.8

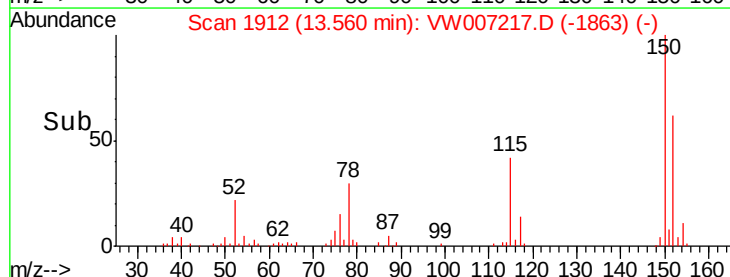
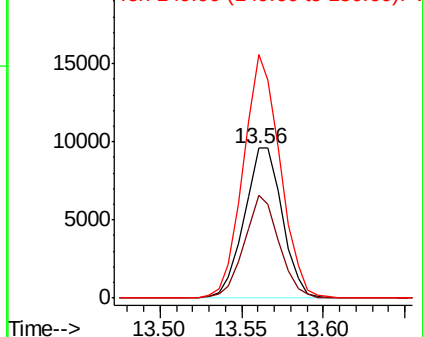
150 157.6 0.0 358.0

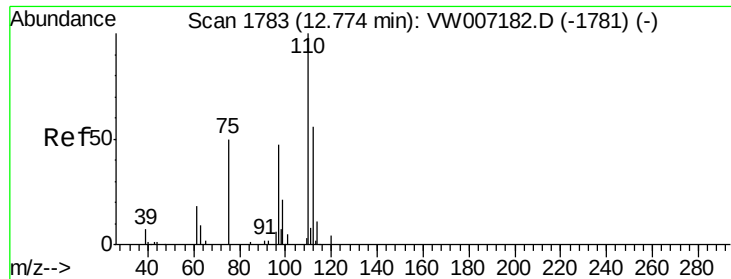


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 54.088 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007217.D

Acq: 05 Dec 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

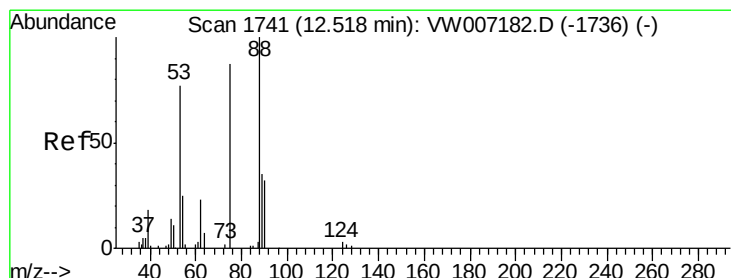
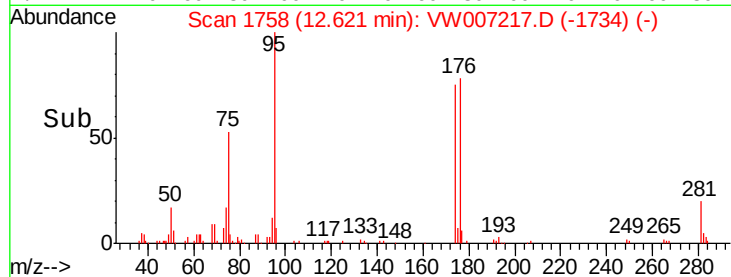
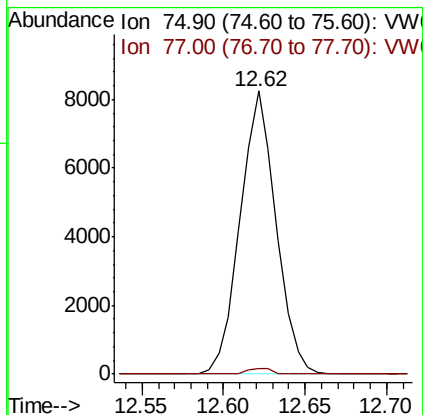
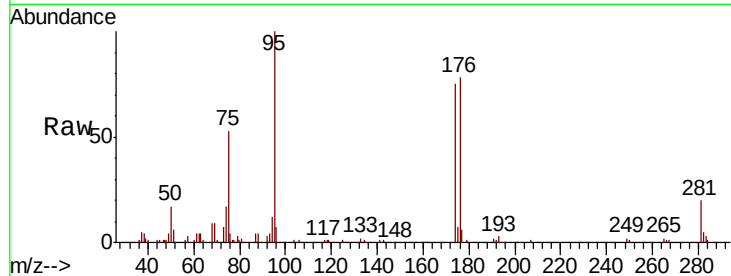
WC-3(4.5)

Tot Ion: 75 Resp: 12663

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 226.257 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007217.D

Acq: 05 Dec 2018 06:07

Tgt Ion: 75 Resp: 12663

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.2 36.4 54.6#

