

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008027.D
 Acq On : 03 Jan 2019 18:04
 Operator : SY/AP
 Sample : K1002-03
 Misc : 6.97G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-010219-B

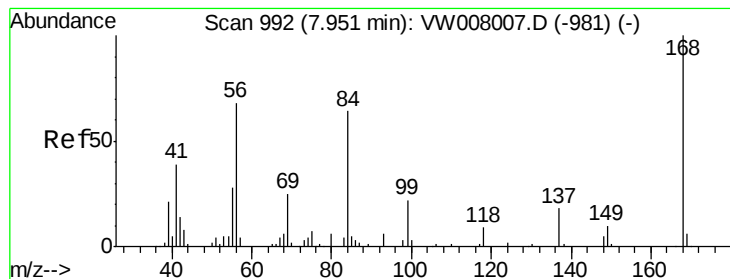
Quant Time: Jan 04 00:33:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	80024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31311	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	41372	59.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.24%	
35) Dibromofluoromethane	7.88	113	35104	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
50) Toluene-d8	10.32	98	125836	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.62	95	36944	37.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	465	1.621	ug/l	76
16) Acetone	4.12	43	614	5.668	ug/l	93
20) Methylene Chloride	4.92	84	928	Below Cal	#	77
31) Cyclohexane	7.95	56	1440	1.346	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	5031	4.715	ug/l #	50
38) Carbon Tetrachloride	7.95	117	6922	5.413	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	644	2.172	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	20124	80.789	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	20124	191.052	ug/l #	6

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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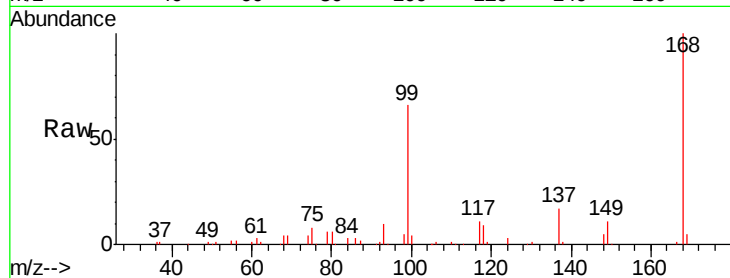
AU-05-010219-B

Tgt Ion: 168 Resp: 63270

Ion Ratio Lower Upper

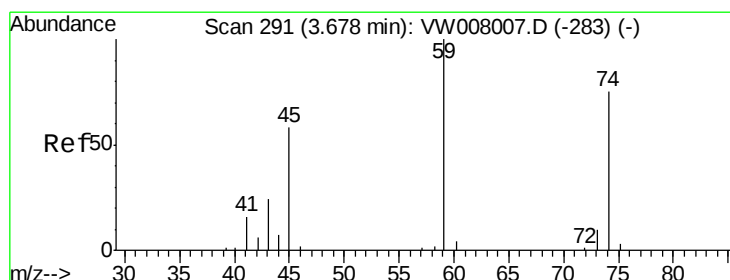
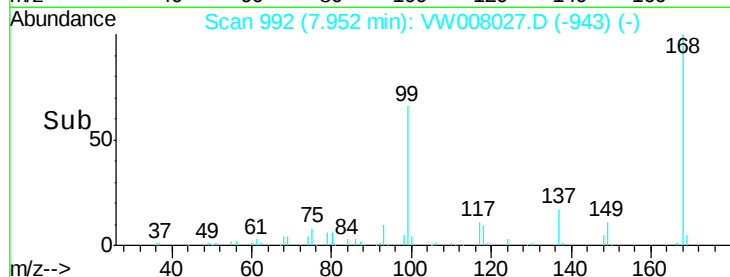
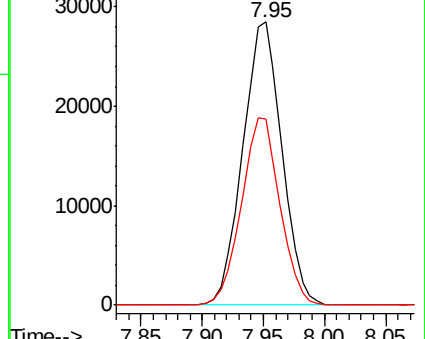
168 100

99 65.9 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.621 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW008027.D

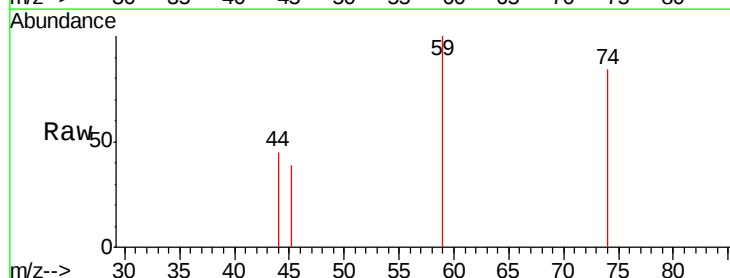
Acq: 03 Jan 2019 18:04

Tgt Ion: 74 Resp: 465

Ion Ratio Lower Upper

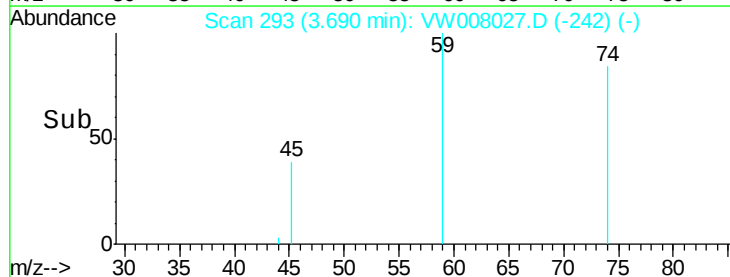
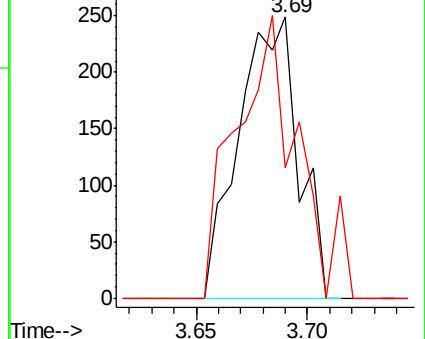
74 100

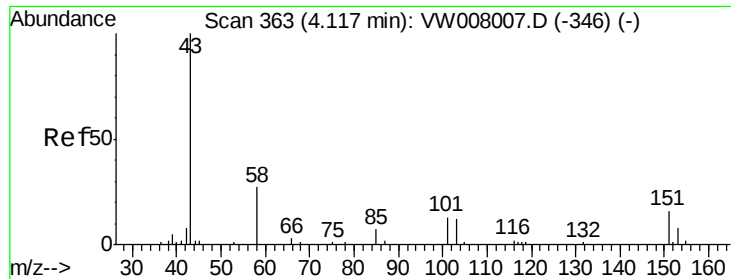
45 104.1 41.4 124.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

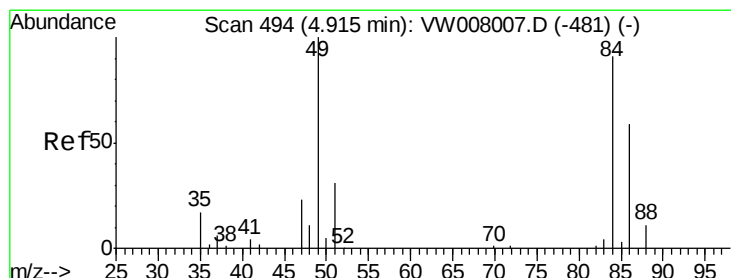
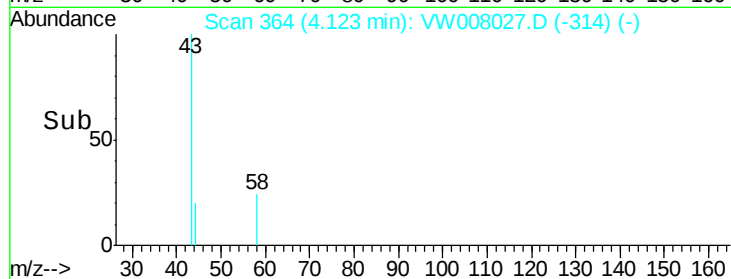
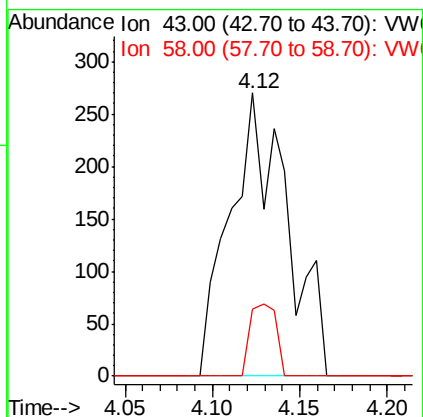
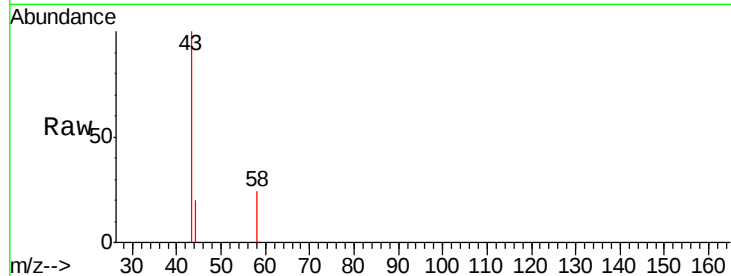




#16
Acetone
Concen: 5.668 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW008027.D
Acq: 03 Jan 2019 18:04

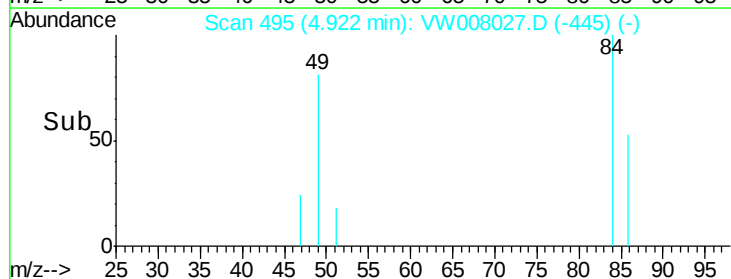
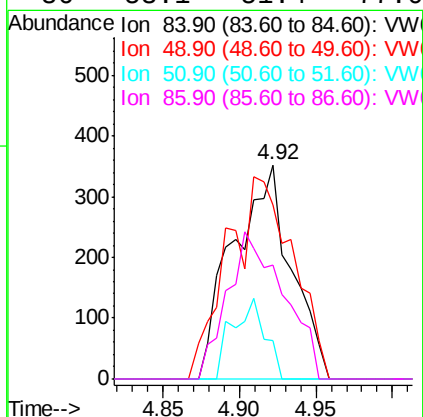
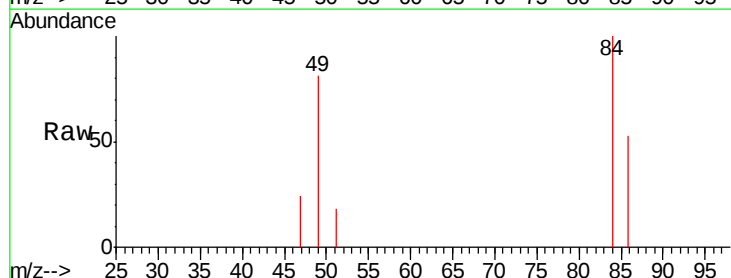
Instrument :
MSVOA_W
ClientSampleId :
AU-05-010219-B

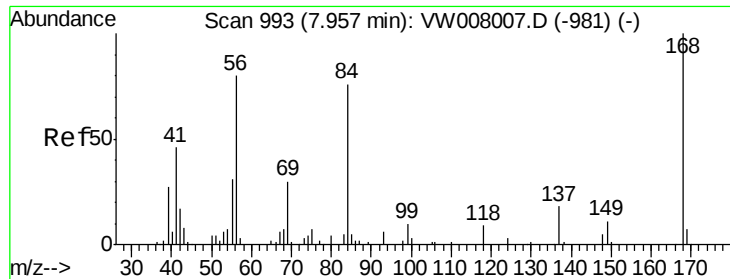
Tgt Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
58 23.7 21.7 32.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008027.D
Acq: 03 Jan 2019 18:04

Tgt Ion: 84 Resp: 928
Ion Ratio Lower Upper
84 100
49 81.3 87.7 131.5#
51 17.9 27.3 40.9#
86 53.1 51.4 77.0

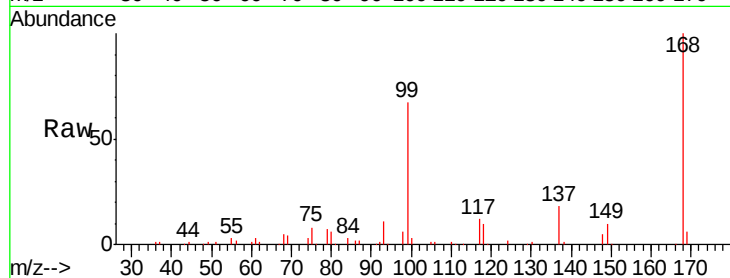




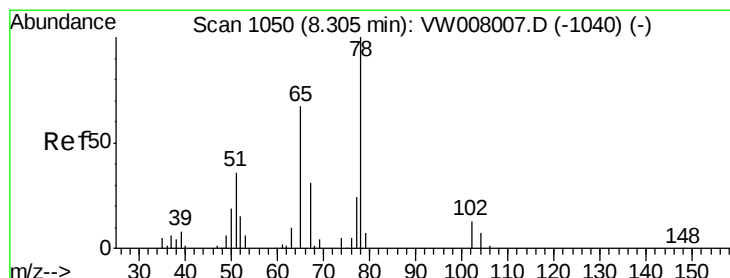
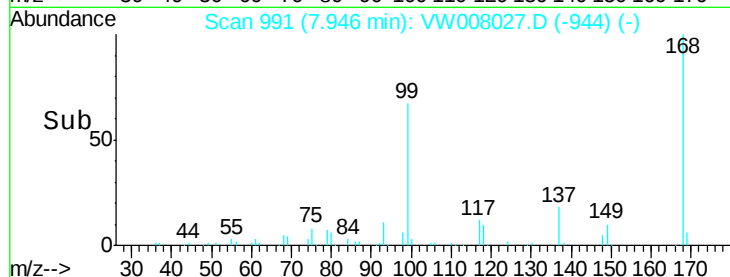
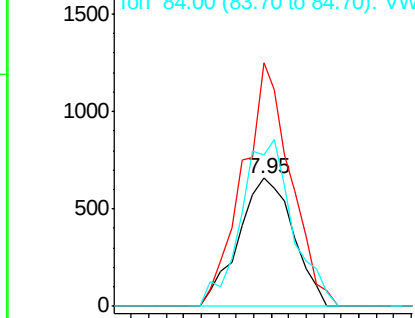
#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008027.D
Acq: 03 Jan 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 56 Resp: 1440
Ion Ratio Lower Upper
56 100
69 189.8 29.8 44.6#
84 118.1 75.2 112.8#

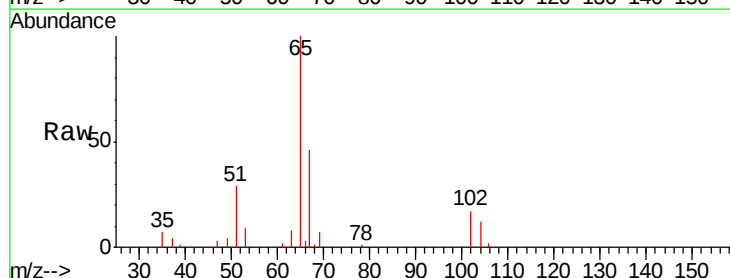


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

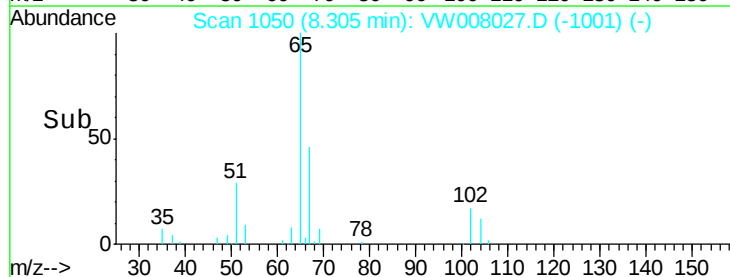
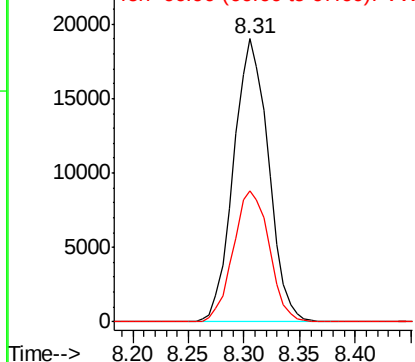


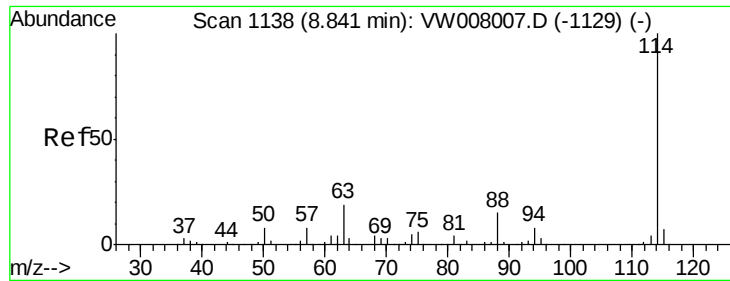
#33
1,2-Dichloroethane-d4
Concen: 59.119 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008027.D
Acq: 03 Jan 2019 18:04

Tgt Ion: 65 Resp: 41372
Ion Ratio Lower Upper
65 100
67 47.7 0.0 94.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

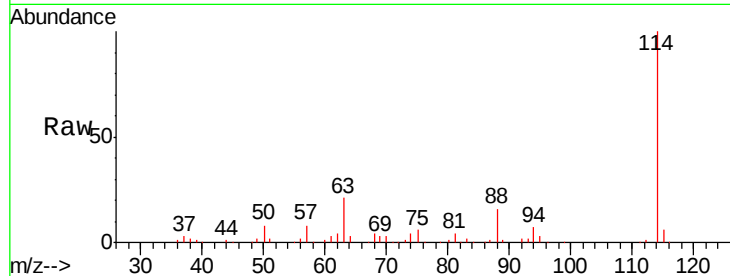




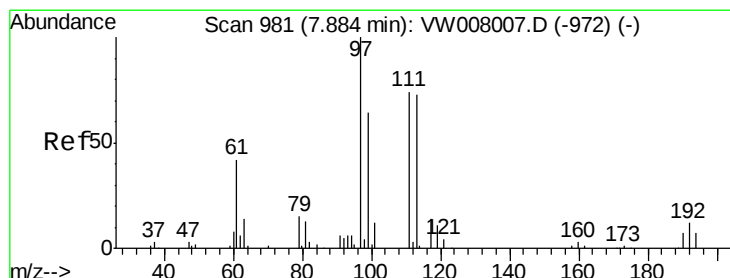
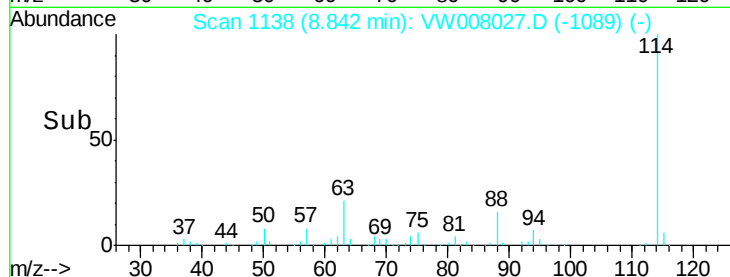
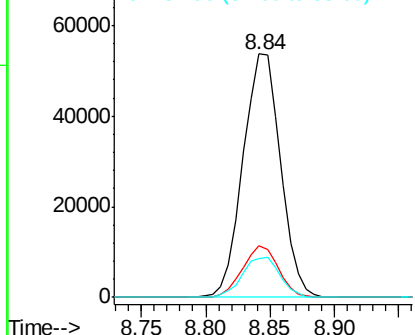
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008027.D
Acq: 03 Jan 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
AU-05-010219-B

Tgt Ion:114 Resp: 108172
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.8
88 16.2 0.0 31.0

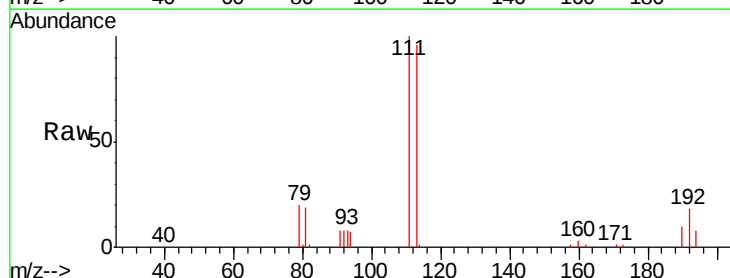


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

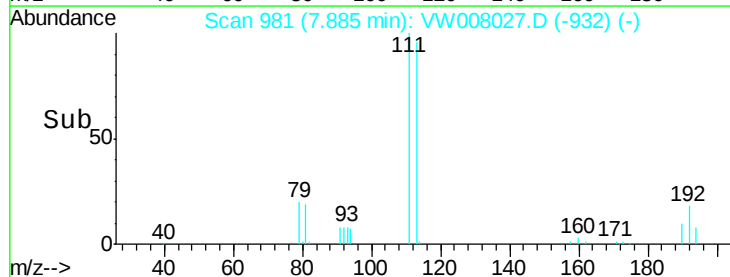
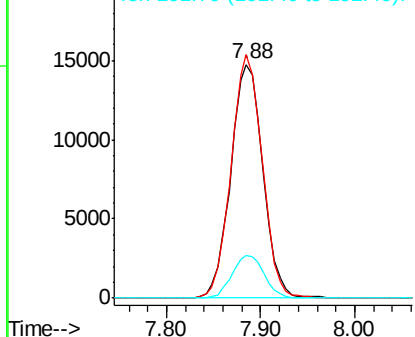


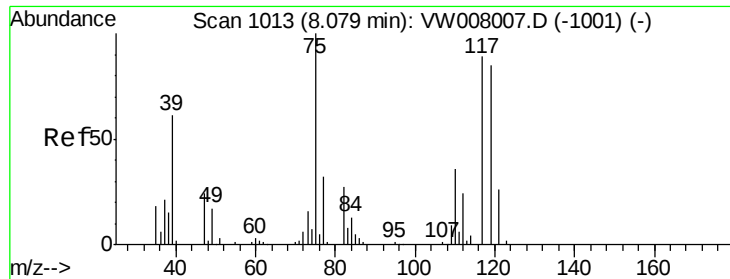
#35
Dibromofluoromethane
Concen: 51.478 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008027.D
Acq: 03 Jan 2019 18:04

Tgt Ion:113 Resp: 35104
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.0
192 18.1 14.8 22.2



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

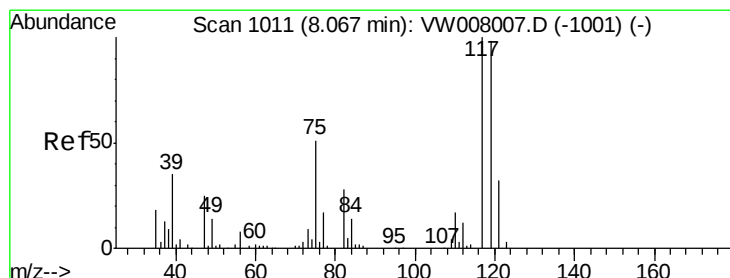
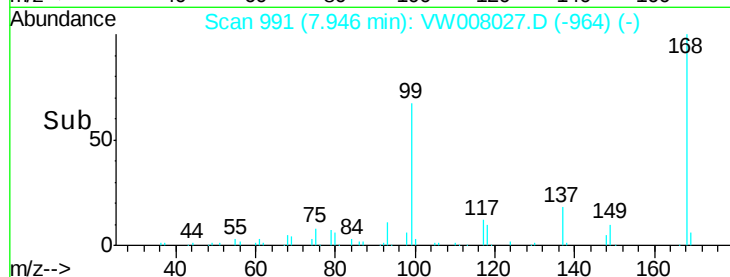
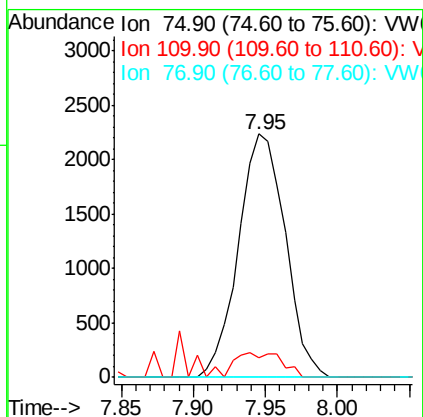
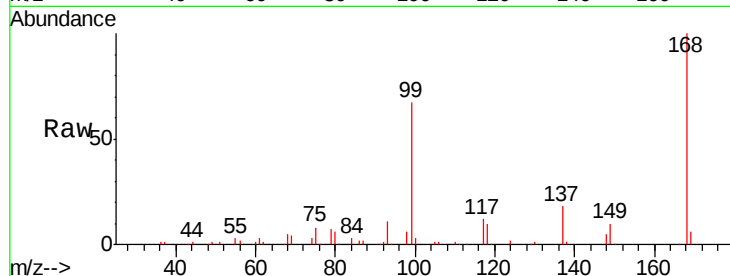




#36
 1,1-Dichloropropene
 Concen: 4.715 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008027.D
 Acq: 03 Jan 2019 18:04

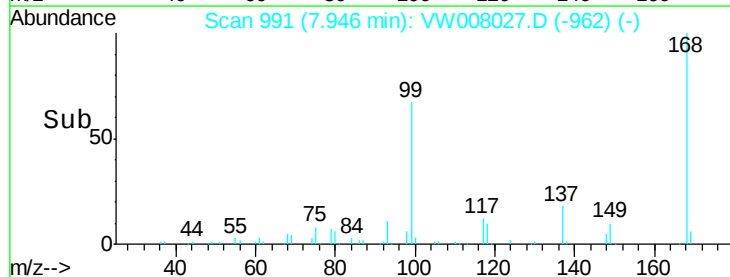
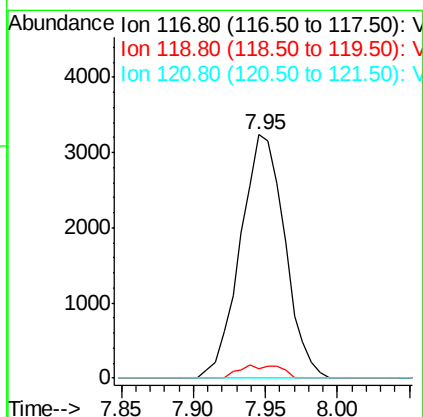
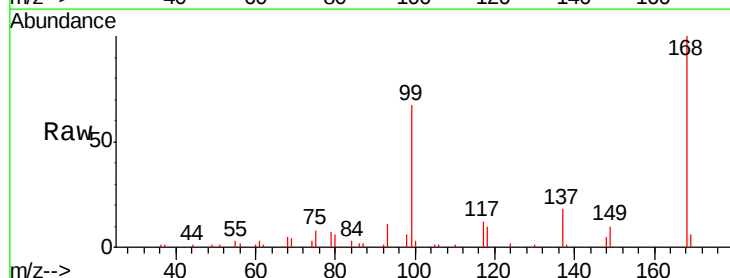
Instrument :
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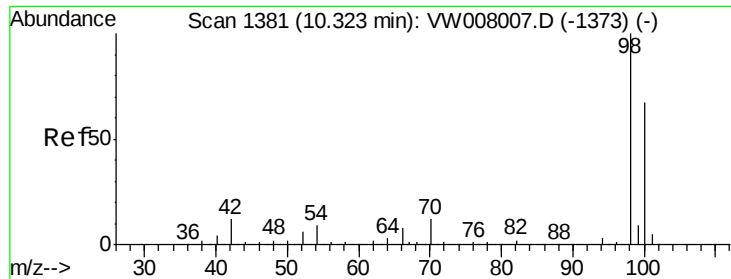
Tgt Ion: 75 Resp: 5031
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.1 54.3#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.413 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008027.D
 Acq: 03 Jan 2019 18:04

Tgt Ion: 117 Resp: 6922
 Ion Ratio Lower Upper
 117 100
 119 3.9 78.7 118.1#
 121 0.0 25.8 38.8#

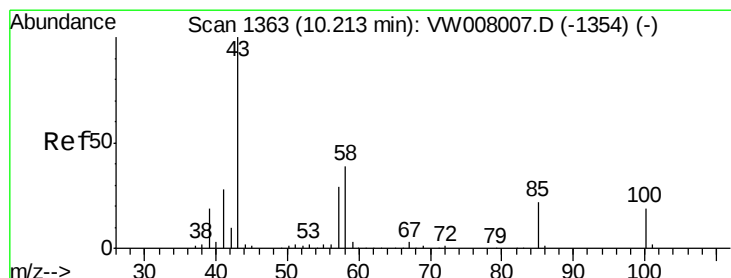
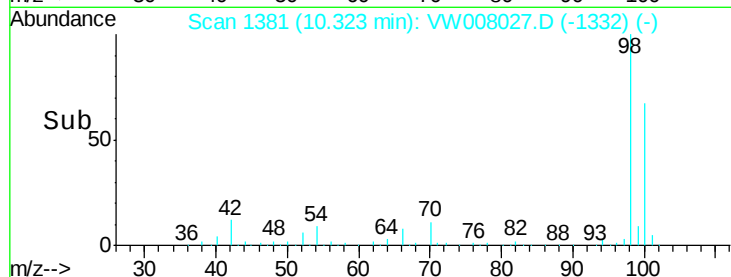
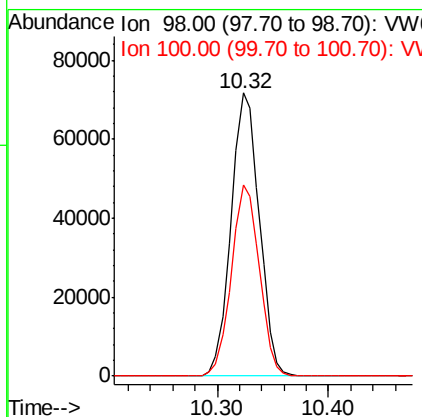
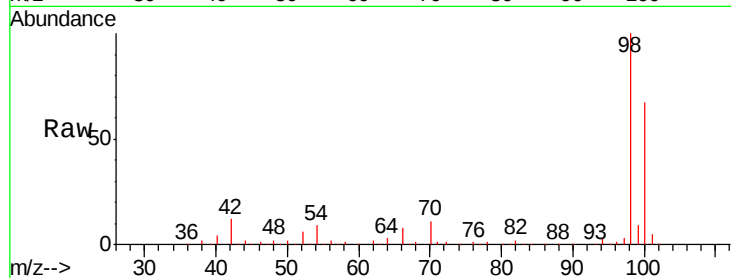




#50
Toluene-d8
Concen: 49.192 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008027.D
Acq: 03 Jan 2019 18:04

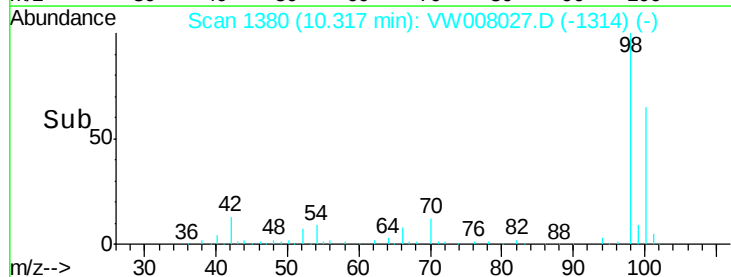
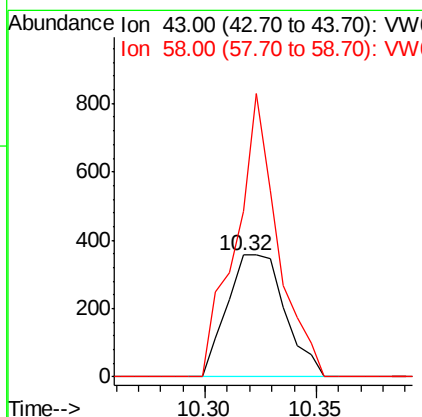
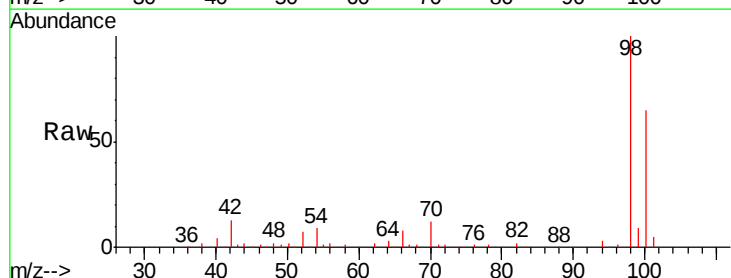
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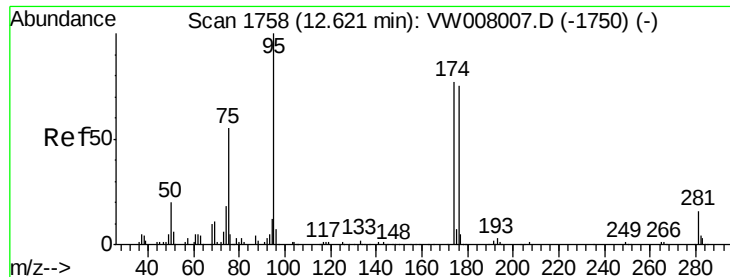
Tgt Ion: 98 Resp: 125836
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 2.172 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. 0.10 min
Lab File: VW008027.D
Acq: 03 Jan 2019 18:04

Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
58 167.5 32.0 48.0#





#62

4-Bromofluorobenzene

Concen: 37.658 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008027.D

Acq: 03 Jan 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

AU-05-010219-B

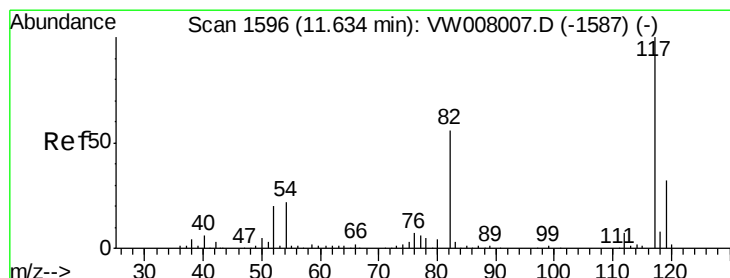
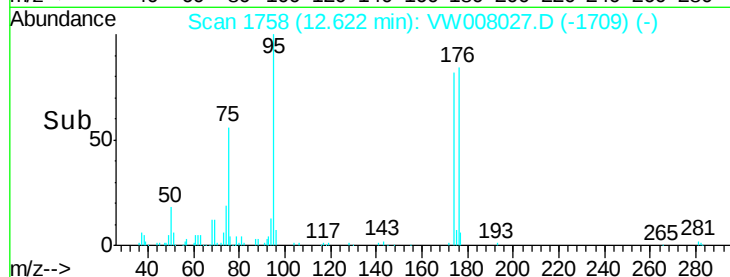
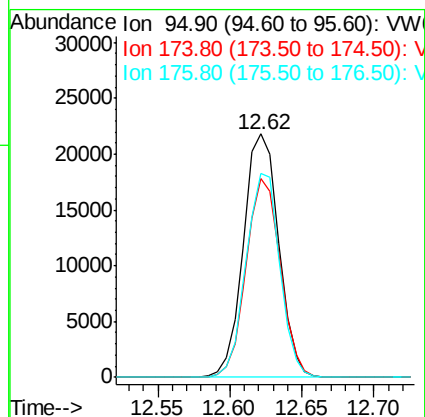
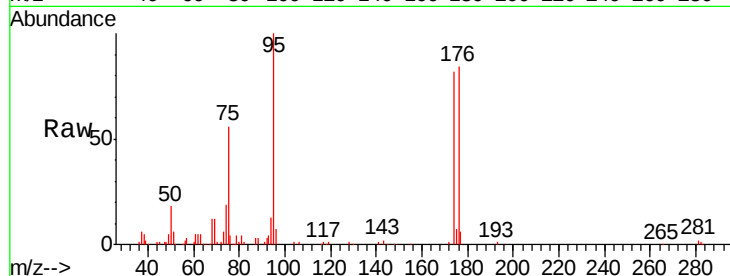
Tgt Ion: 95 Resp: 36944

Ion Ratio Lower Upper

95 100

174 79.0 0.0 149.6

176 79.9 0.0 145.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008027.D

Acq: 03 Jan 2019 18:04

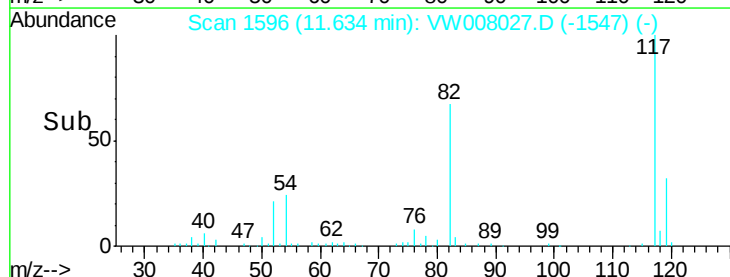
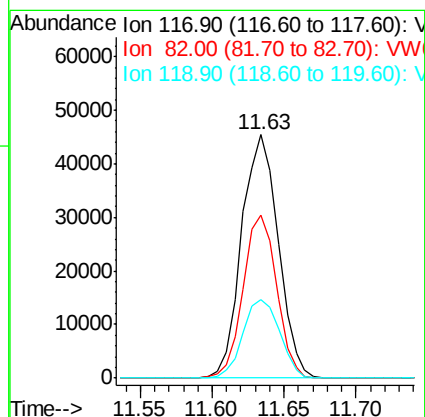
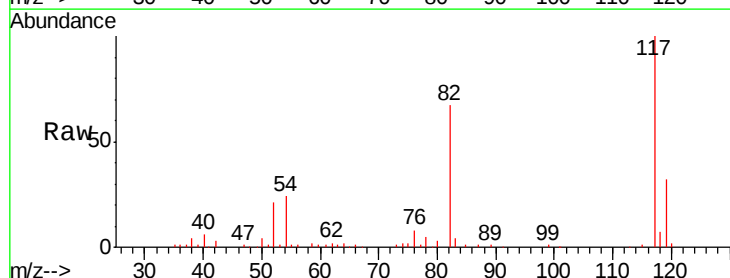
Tgt Ion: 117 Resp: 80024

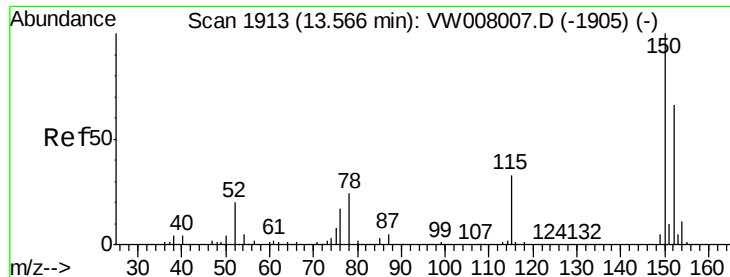
Ion Ratio Lower Upper

117 100

82 66.8 44.8 67.2

119 32.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008027.D

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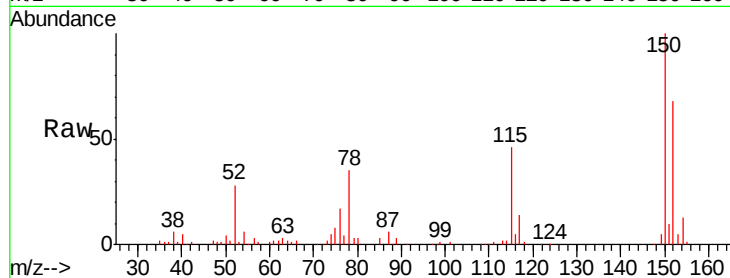
Tgt Ion:152 Resp: 31311

Ion Ratio Lower Upper

152 100

115 67.6 32.1 96.5

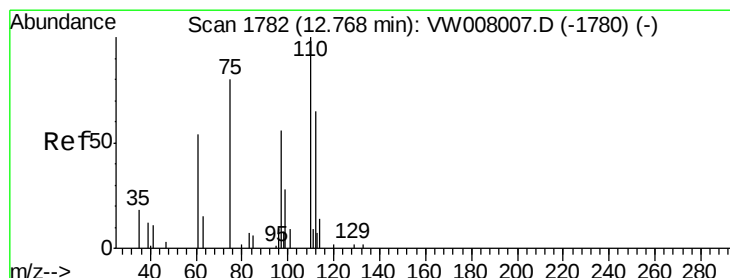
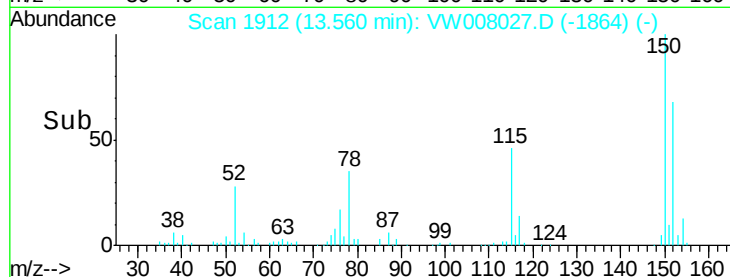
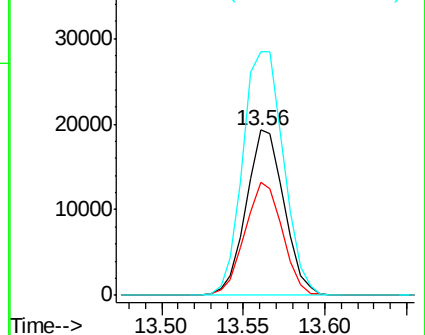
150 158.2 0.0 345.0



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: 80.789 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008027.D

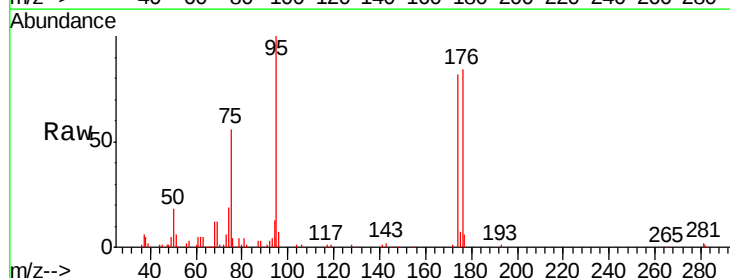
Acq: 03 Jan 2019 18:04

Tgt Ion: 75 Resp: 20124

Ion Ratio Lower Upper

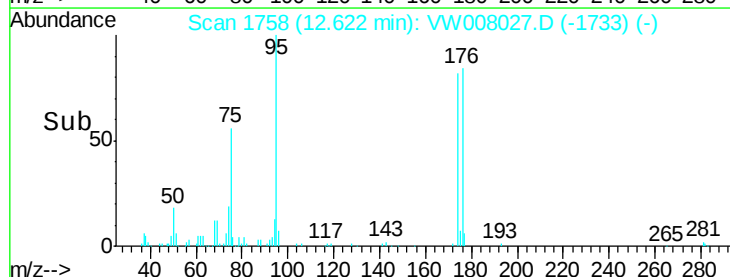
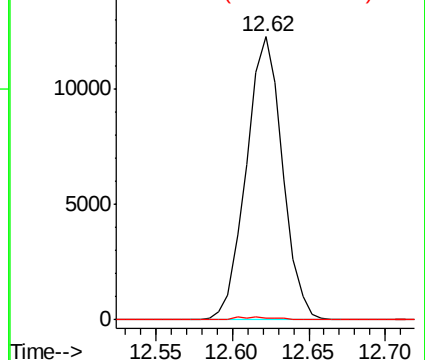
75 100

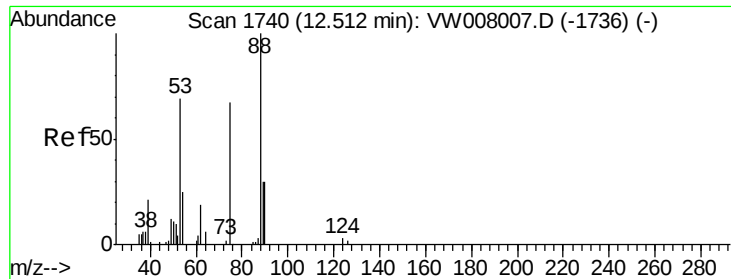
77 1.1 186.2 558.6#



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: 191.052 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008027.D

Acq: 03 Jan 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

AU-05-010219-B

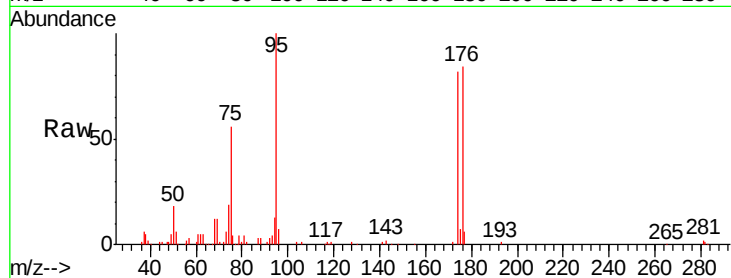
Tgt Ion: 75 Resp: 20124

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.1 42.2 63.2#



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

