

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090718\
 Data File : VW005216.D
 Acq On : 07 Sep 2018 18:15
 Operator : SY/AP
 Sample : J4757-01RE
 Misc : 5.48G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-BRRE

Quant Time: Sep 08 01:20:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	443715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	735825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	759110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	355191	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	173587	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
35) Dibromofluoromethane	7.96	113	856	0.20	ug/l	0.07
Spiked Amount			Recovery	=	0.40%	
50) Toluene-d8	10.33	98	681735	34.79	ug/l	0.00
Spiked Amount			Recovery	=	69.58%	
62) 4-Bromofluorobenzene	12.63	95	239231	34.63	ug/l	0.00
Spiked Amount			Recovery	=	69.26%	

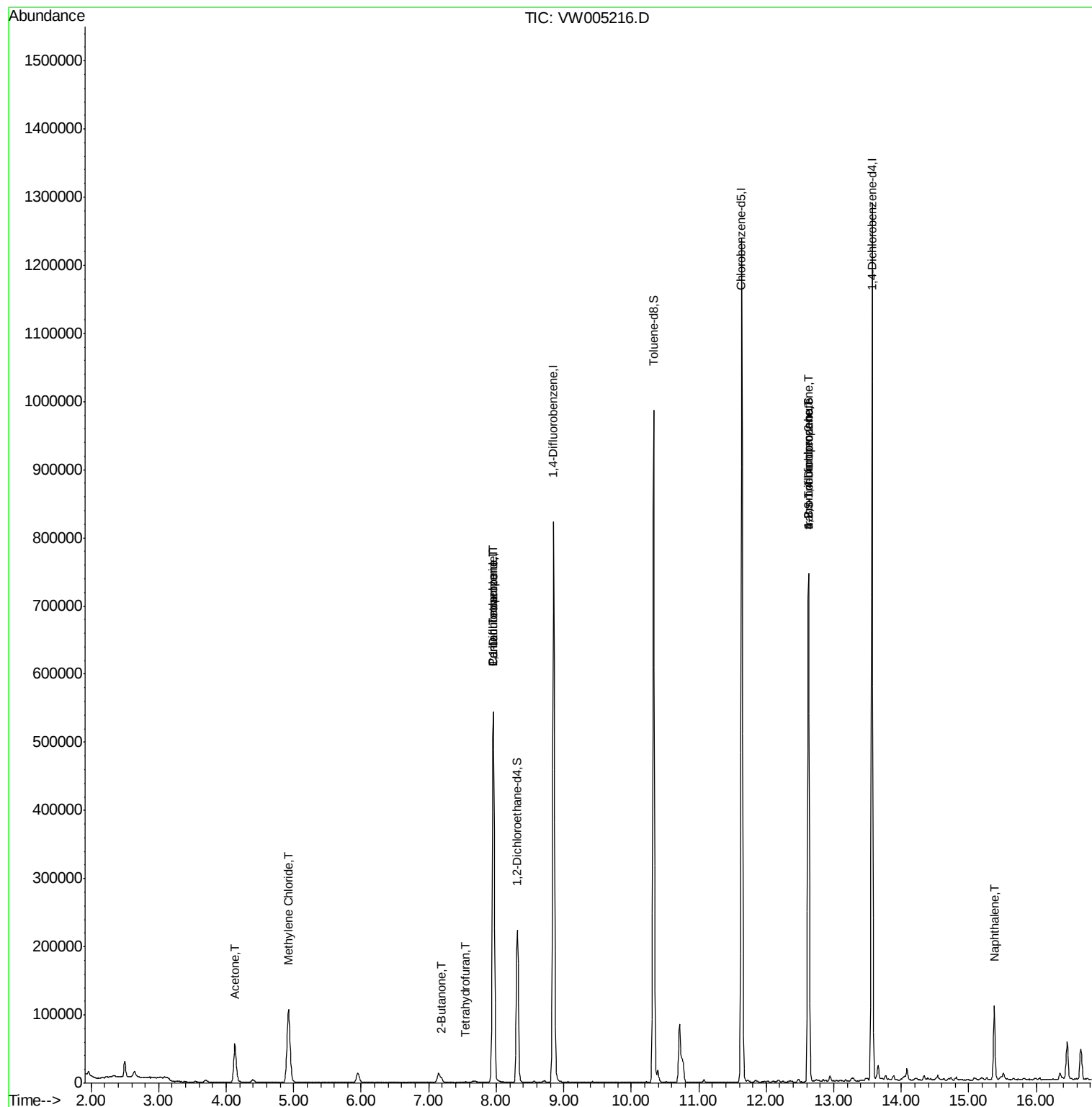
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	222	Below Cal	#	20
11) Tert butyl alcohol	5.18	59	316	Below Cal	#	72
16) Acetone	4.13	43	96071	130.238	ug/l	98
20) Methylene Chloride	4.93	84	92057	15.812	ug/l	99
25) 2-Butanone	7.19	43	9572	7.481	ug/l	98
29) Tetrahydrofuran	7.55	42	784	1.199	ug/l #	76
36) 1,1-Dichloropropene	7.96	75	30168	4.305	ug/l #	47
38) Carbon Tetrachloride	7.96	117	39709	5.959	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	111753	41.916	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	111753	100.886	ug/l #	15
95) Naphthalene	15.38	128	96556	10.919	ug/l	100

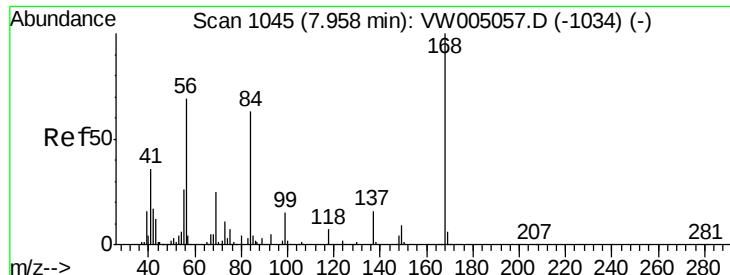
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090718\
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Quant Time: Sep 08 01:20:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005216.D

Acq: 07 Sep 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

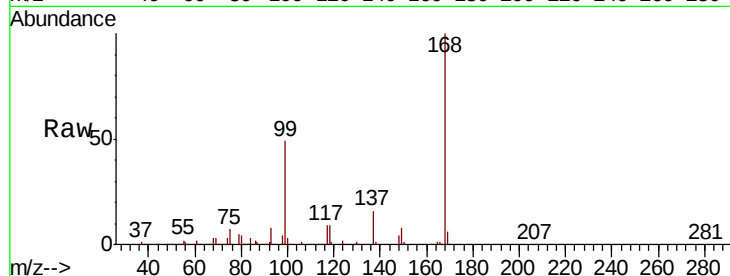
WC-BRRE

Tgt Ion:168 Resp: 443715

Ion Ratio Lower Upper

168 100

99 49.4 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

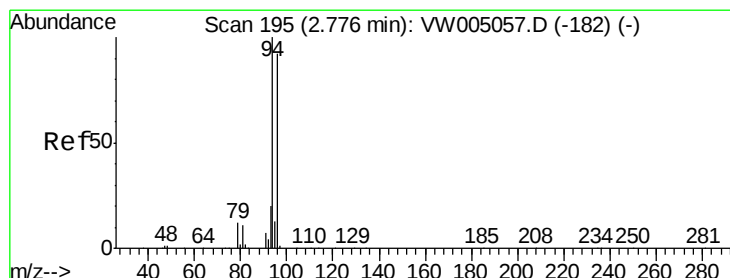
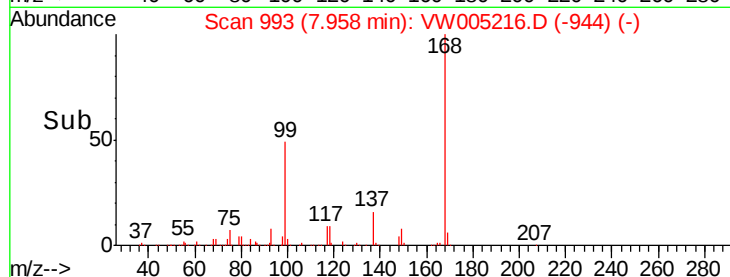
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005216.D

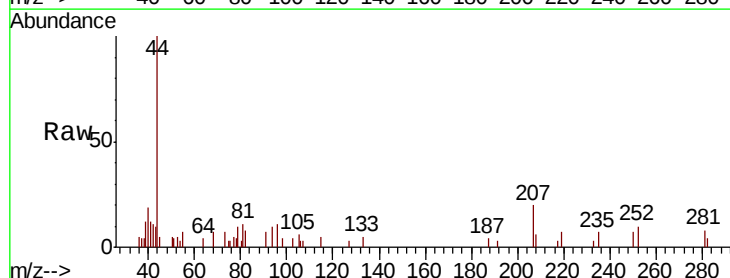
Acq: 07 Sep 2018 18:15

Tgt Ion: 94 Resp: 222

Ion Ratio Lower Upper

94 100

96 15.3 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

300

250

200

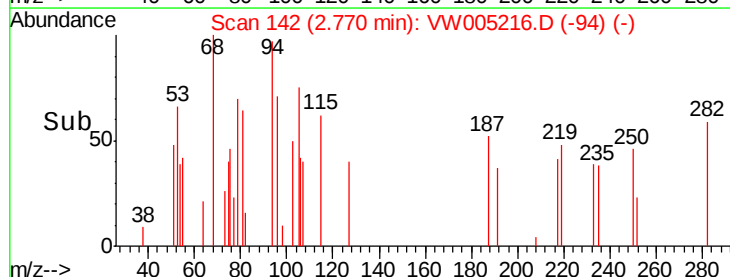
150

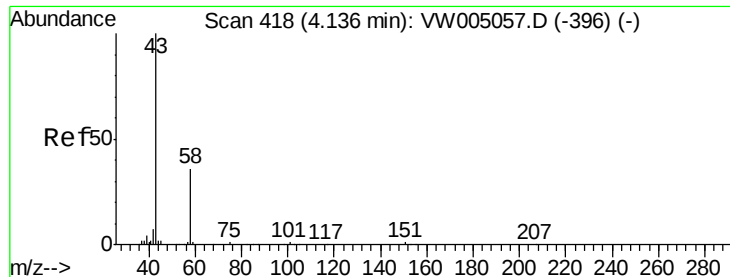
100

50

0

Time-->

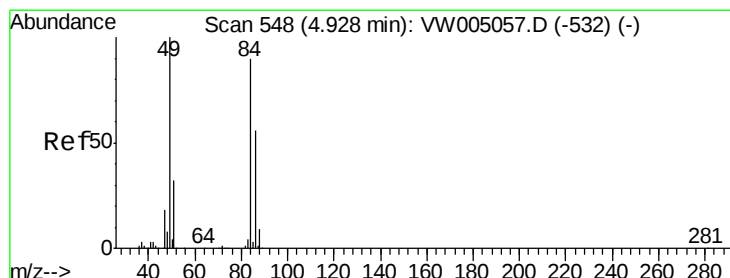
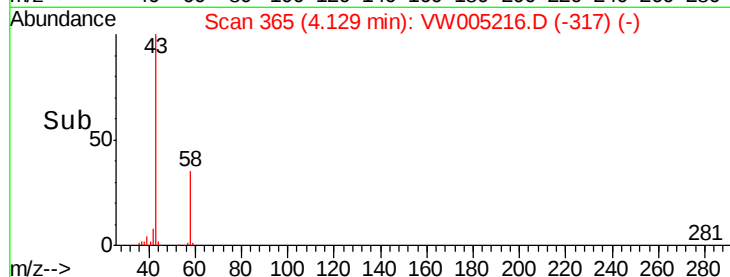
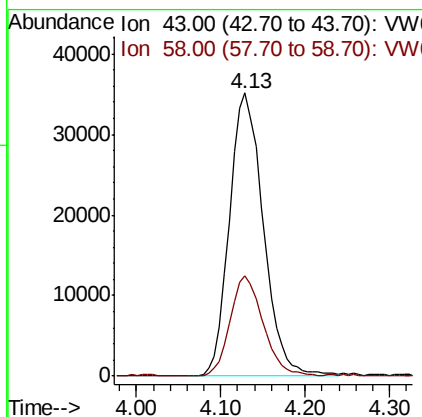
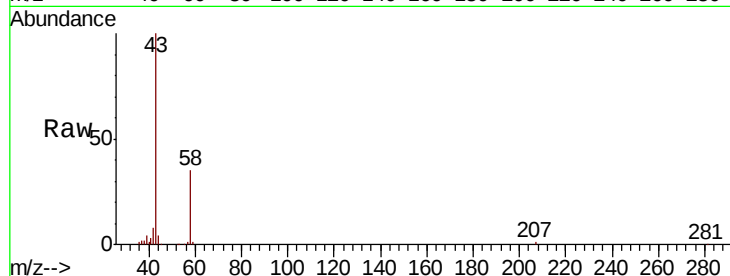




#16
Acetone
Concen: 130.238 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW005216.D
Acq: 07 Sep 2018 18:15

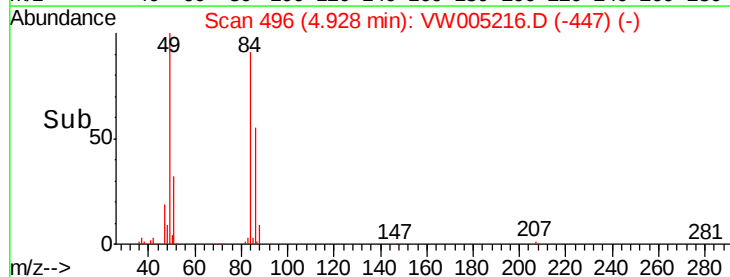
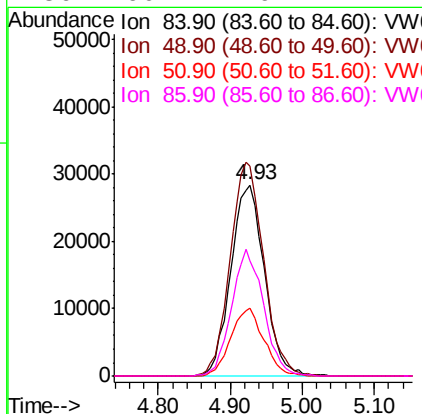
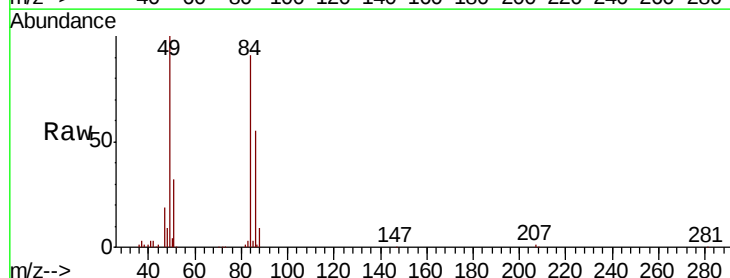
Instrument :
MSVOA_W
ClientSampleId :
WC-BRRE

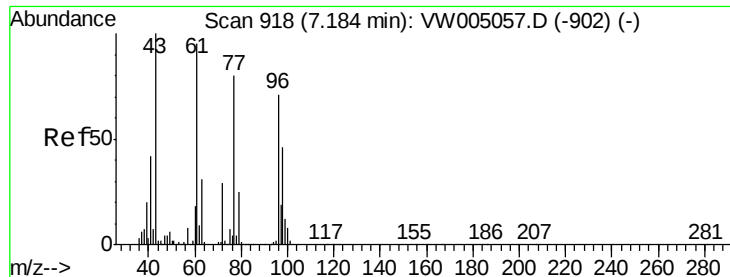
Tgt Ion: 43 Resp: 96071
Ion Ratio Lower Upper
43 100
58 35.3 29.0 43.6



#20
Methylene Chloride
Concen: 15.812 ug/l
RT: 4.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VW005216.D
Acq: 07 Sep 2018 18:15

Tgt Ion: 84 Resp: 92057
Ion Ratio Lower Upper
84 100
49 109.9 88.7 133.1
51 35.3 28.6 42.8
86 60.4 49.4 74.2





#25

2-Butanone

Concen: 7.481 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005216.D

Acq: 07 Sep 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

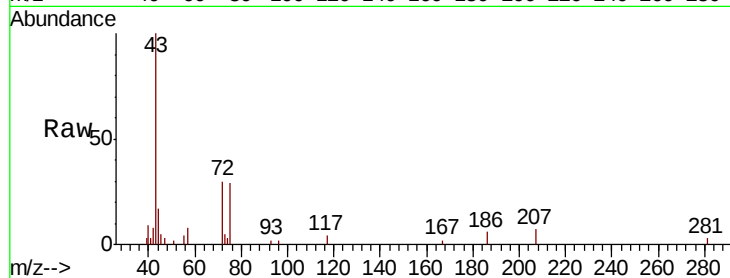
WC-BRRE

Tgt Ion: 43 Resp: 9572

Ion Ratio Lower Upper

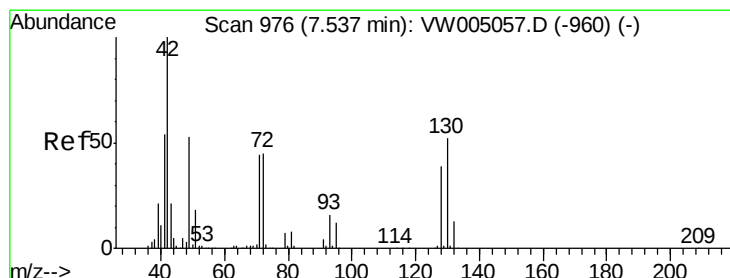
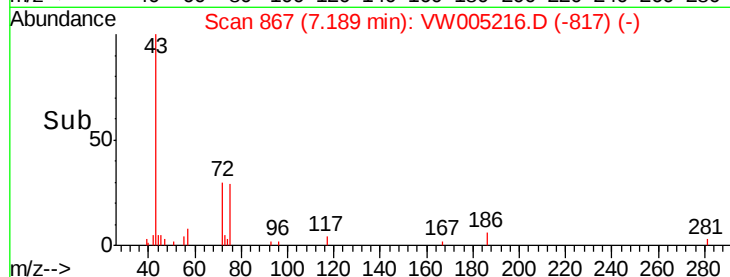
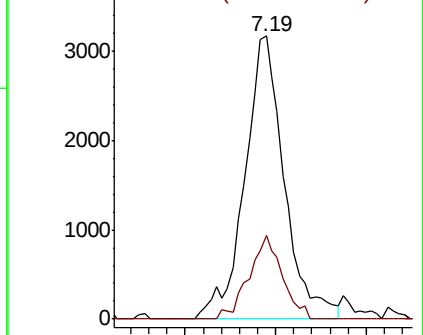
43 100

72 29.7 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.199 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW005216.D

Acq: 07 Sep 2018 18:15

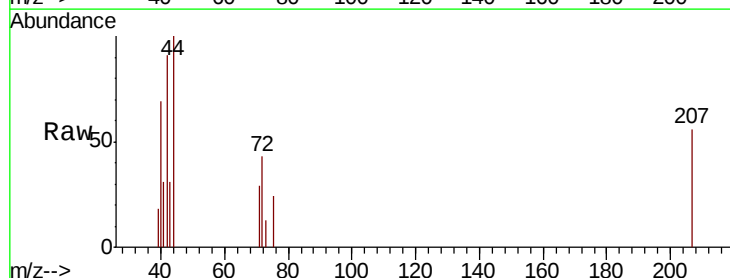
Tgt Ion: 42 Resp: 784

Ion Ratio Lower Upper

42 100

72 32.0 37.0 55.4#

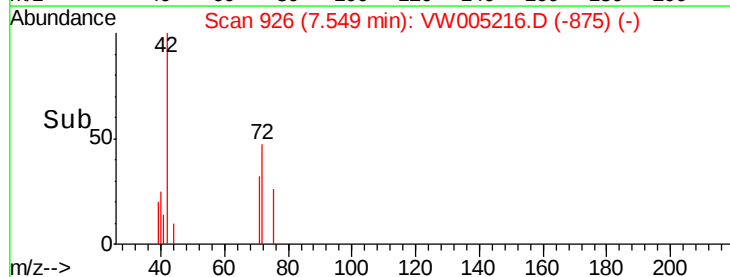
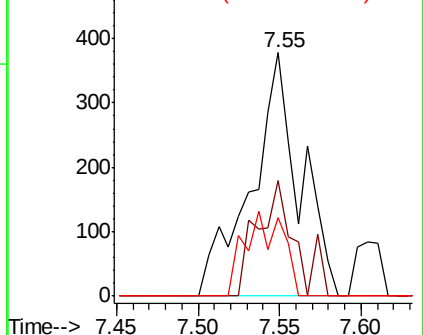
71 26.8 35.0 52.6#

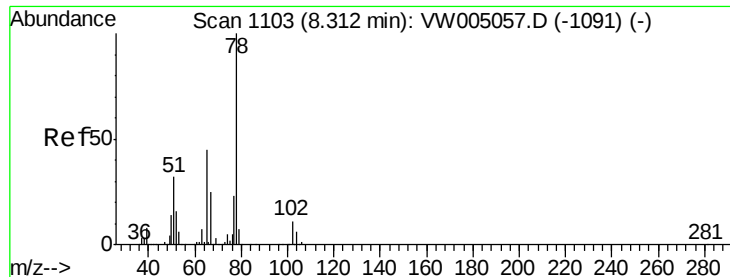


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

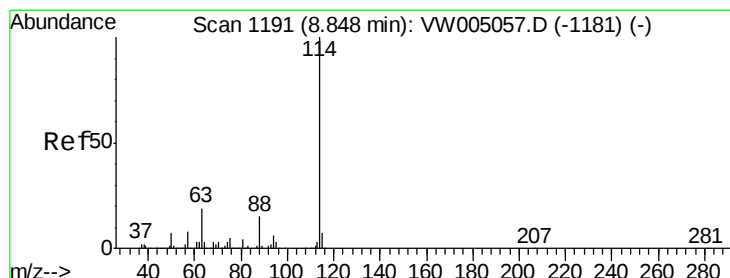
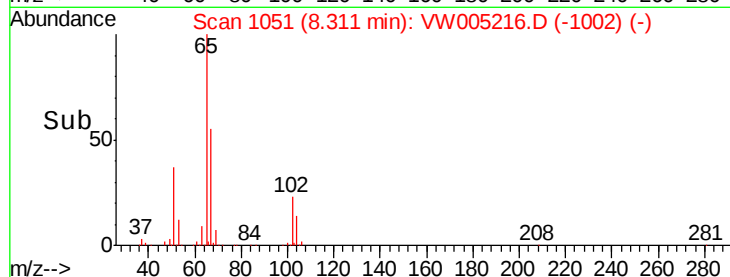
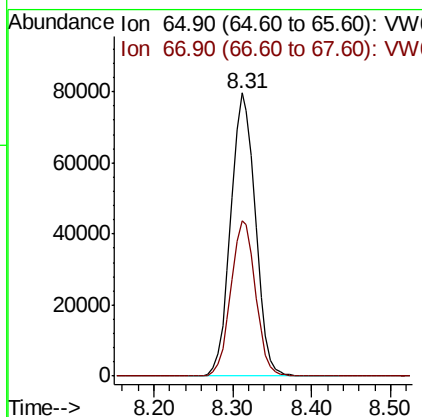
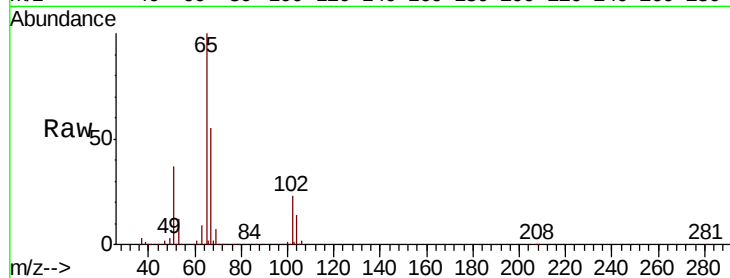




#33
 1,2-Dichloroethane-d4
 Concen: 47.193 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005216.D
 Acq: 07 Sep 2018 18:15

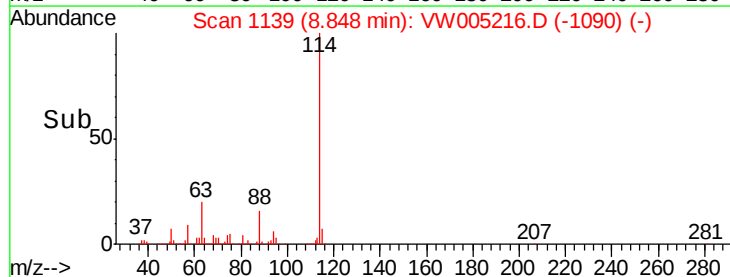
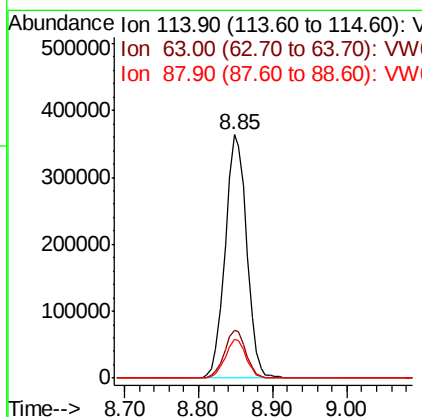
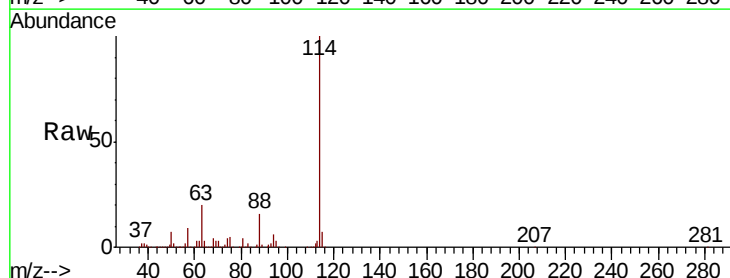
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-BRRE

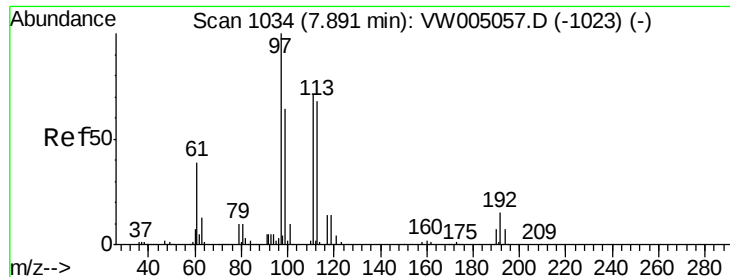
Tgt Ion: 65 Resp: 173587
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005216.D
 Acq: 07 Sep 2018 18:15

Tgt Ion: 114 Resp: 735825
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 15.7 0.0 30.2

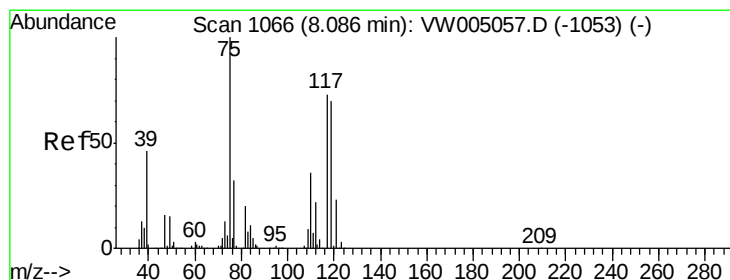
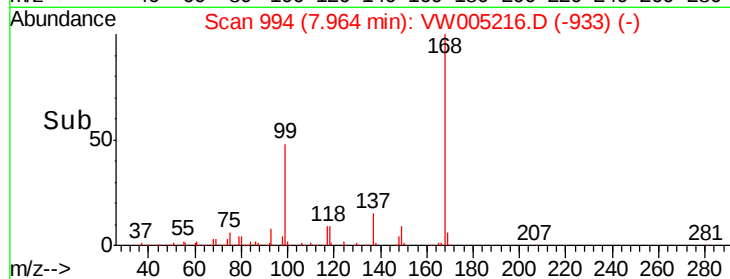
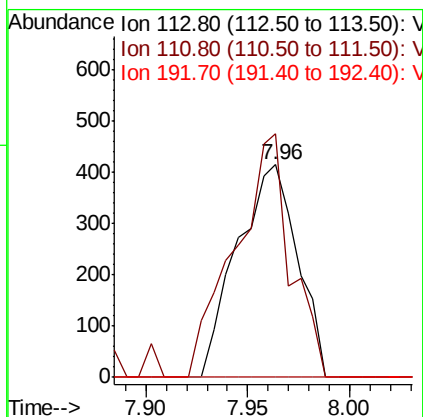
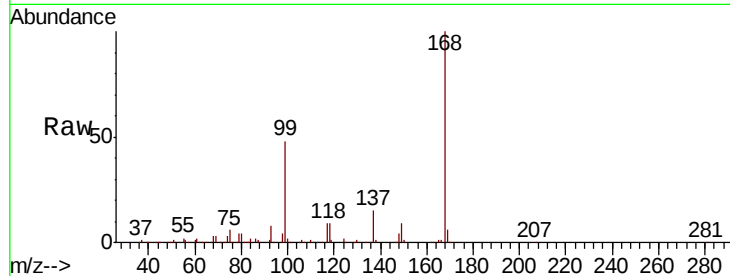




#35
 Dibromofluoromethane
 Concen: 0.201 ug/l
 RT: 7.96 min Scan# 994
 Delta R.T. 0.07 min
 Lab File: VW005216.D
 Acq: 07 Sep 2018 18:15

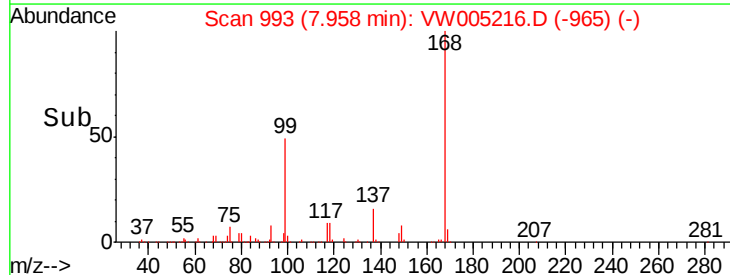
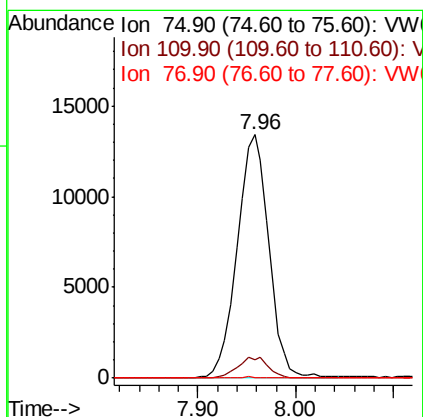
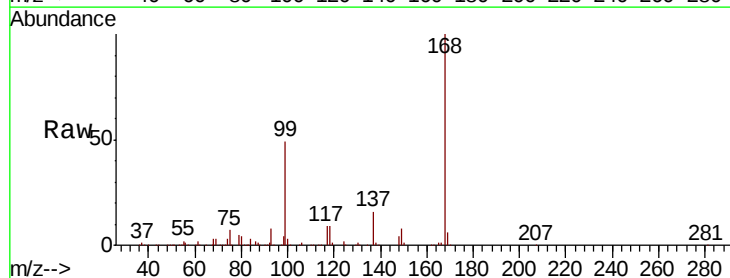
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-BRRE

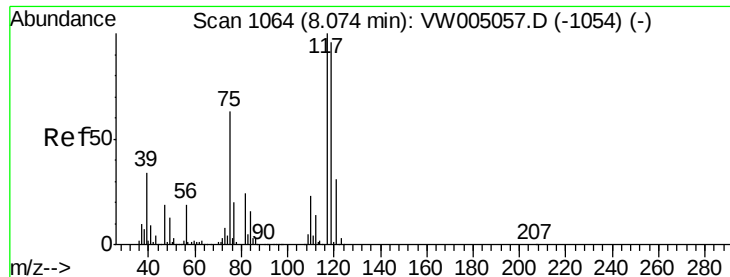
Tgt Ion: 113 Resp: 856
 Ion Ratio Lower Upper
 113 100
 111 105.8 82.2 123.2
 192 0.0 18.1 27.1#



#36
 1,1-Dichloropropene
 Concen: 4.305 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005216.D
 Acq: 07 Sep 2018 18:15

Tgt Ion: 75 Resp: 30168
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.9 56.7#
 77 0.1 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 5.959 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005216.D

Acq: 07 Sep 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

WC-BRRE

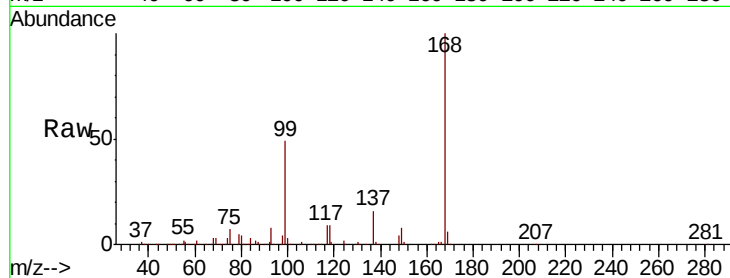
Tgt Ion:117 Resp: 39709

Ion Ratio Lower Upper

117 100

119 6.7 76.6 115.0#

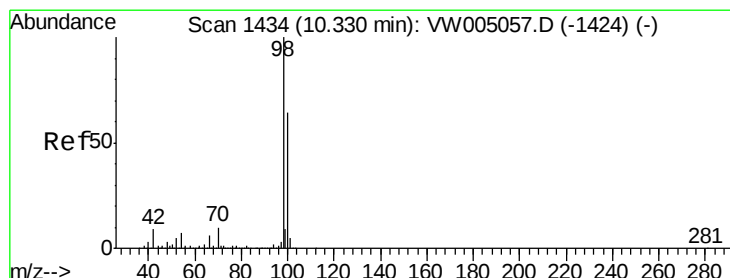
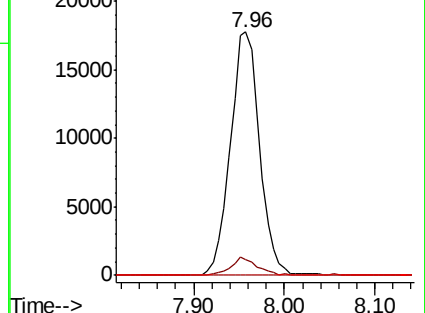
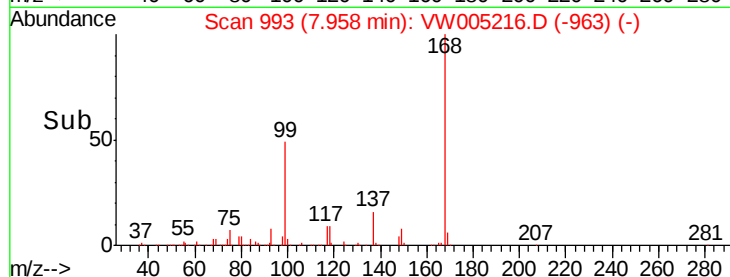
121 0.0 24.8 37.2#



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: 34.794 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005216.D

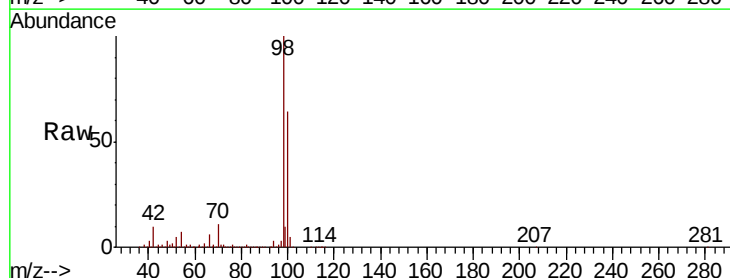
Acq: 07 Sep 2018 18:15

Tgt Ion: 98 Resp: 681735

Ion Ratio Lower Upper

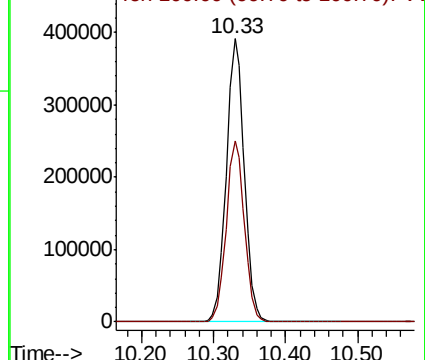
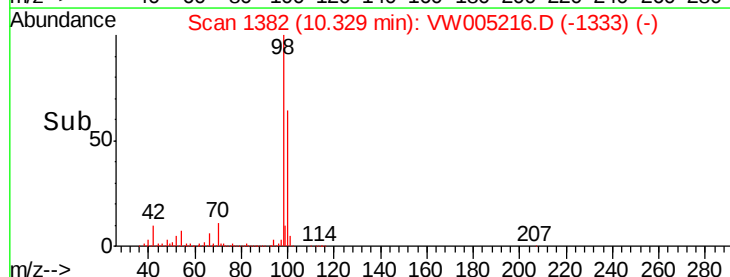
98 100

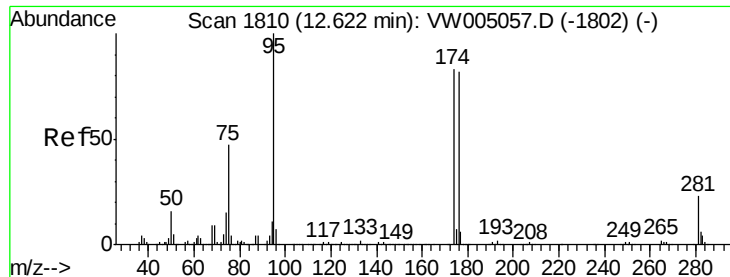
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 34.627 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005216.D

Acq: 07 Sep 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

WC-BRRE

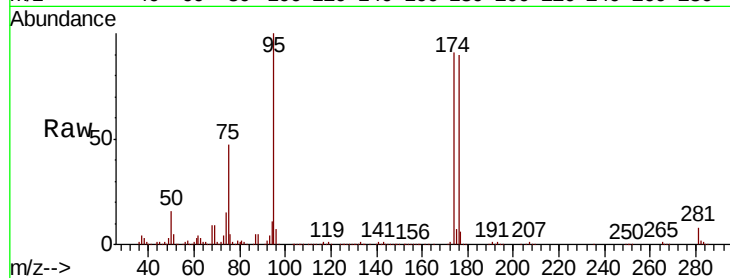
Tgt Ion: 95 Resp: 239231

Ion Ratio Lower Upper

95 100

174 88.1 0.0 173.4

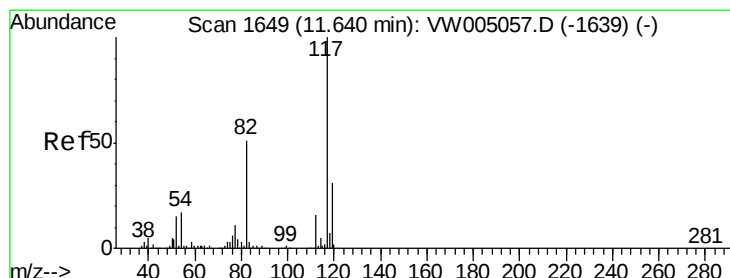
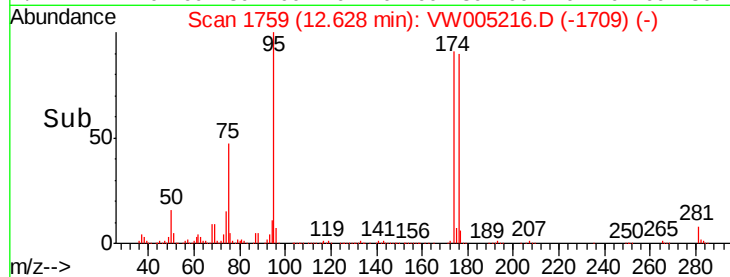
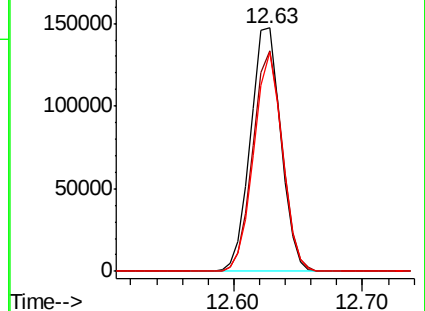
176 84.6 0.0 167.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005216.D

Acq: 07 Sep 2018 18:15

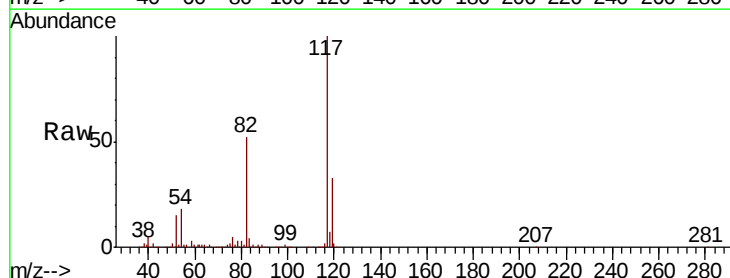
Tgt Ion: 117 Resp: 759110

Ion Ratio Lower Upper

117 100

82 52.3 40.9 61.3

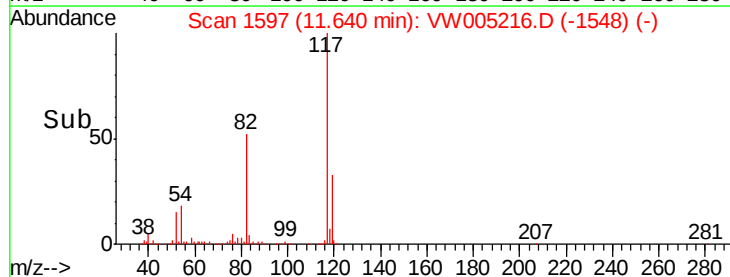
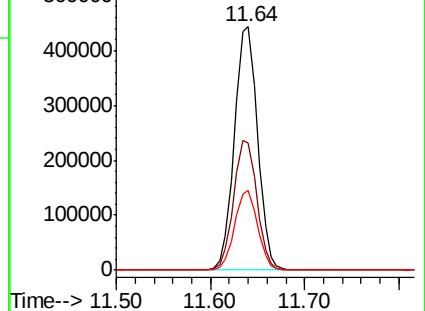
119 32.6 24.9 37.3

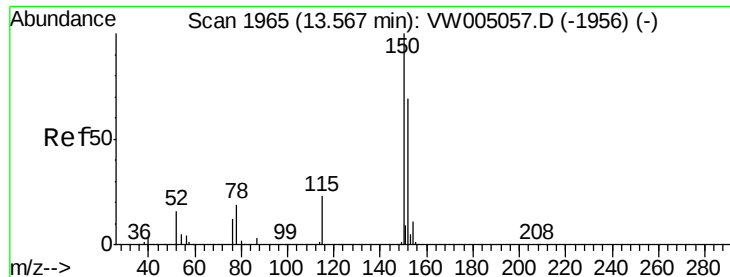


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



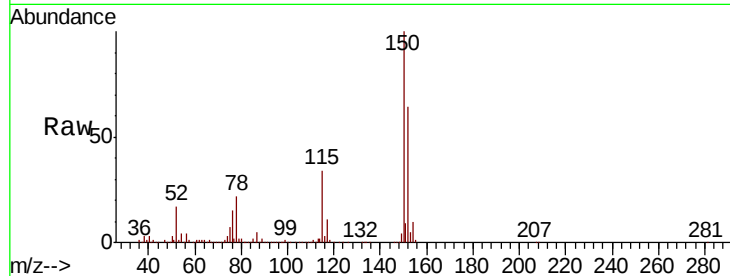


#72

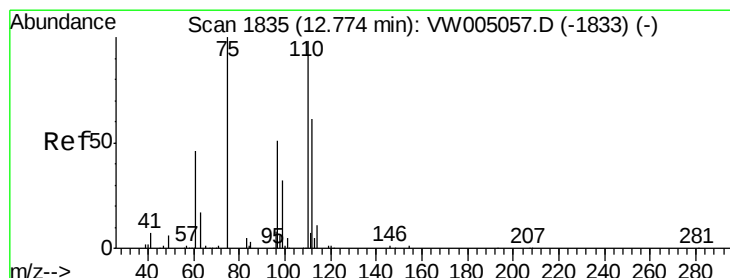
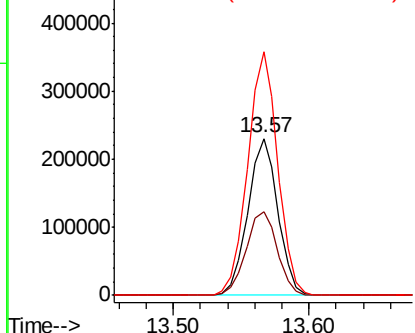
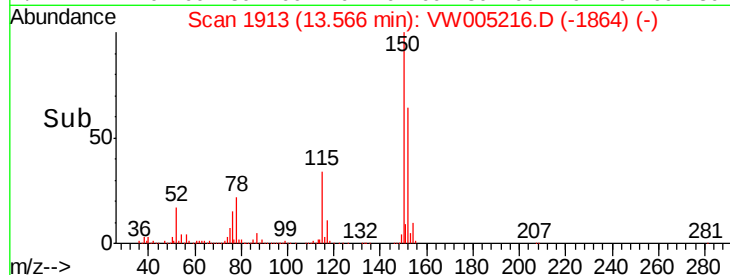
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005216.D
Acq: 07 Sep 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
WC-BRRE

Tgt Ion: 152 Resp: 355191
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 155.6 0.0 351.4



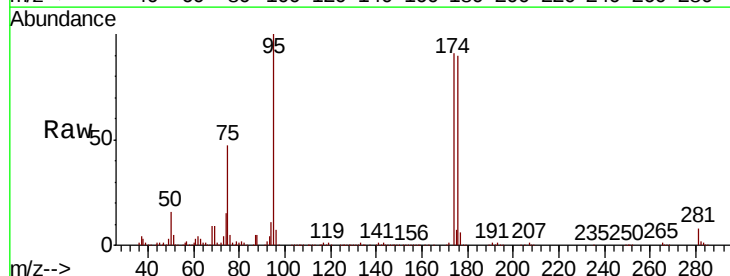
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



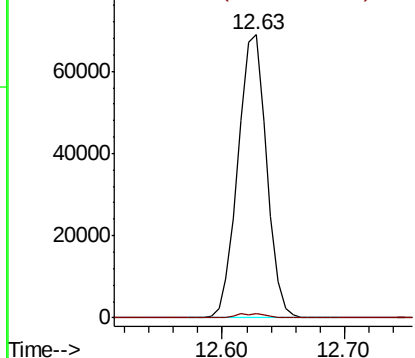
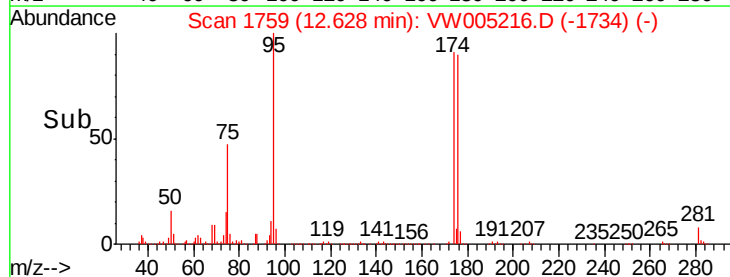
#76

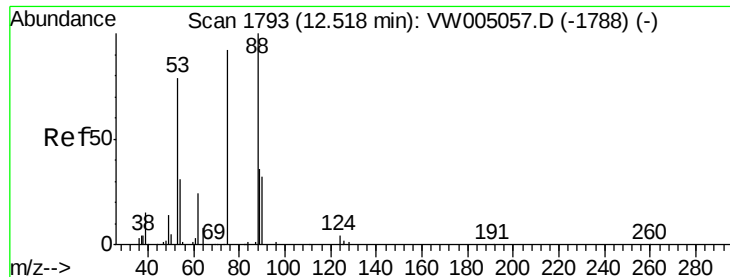
1,2,3-Trichloropropane
Concen: 41.916 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.15 min
Lab File: VW005216.D
Acq: 07 Sep 2018 18:15

Tgt Ion: 75 Resp: 111753
Ion Ratio Lower Upper
75 100
77 1.8 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: 100.886 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005216.D

Acq: 07 Sep 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

WC-BRRE

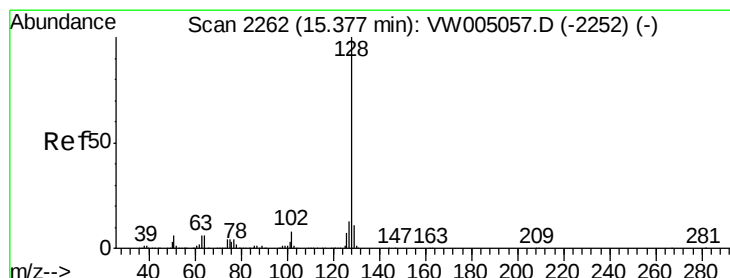
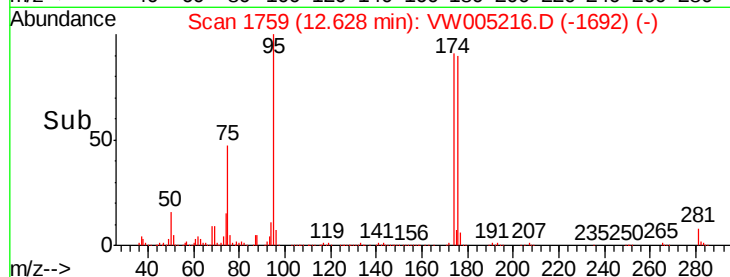
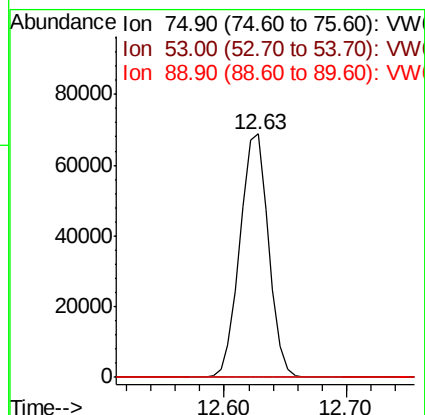
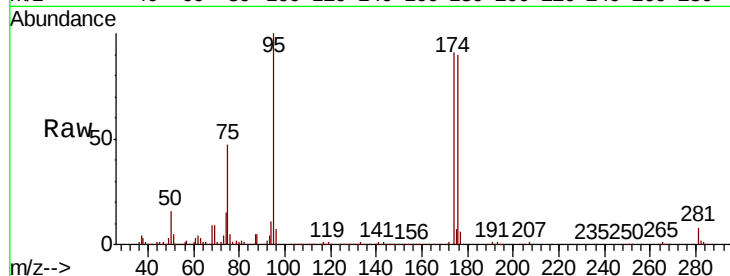
Tgt Ion: 75 Resp: 111753

Ion Ratio Lower Upper

75 100

53 0.3 69.8 104.8#

89 0.0 36.0 54.0#



#95

Naphthalene

Concen: 10.919 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005216.D

Acq: 07 Sep 2018 18:15

Tgt Ion: 128 Resp: 96556

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.1 8.7 13.1

