

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006209.D
 Acq On : 19 Oct 2018 07:47
 Operator : VA/AP
 Sample : J5574-02RE
 Misc : 11.12G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-003-ABCDRE

Quant Time: Oct 19 08:30:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

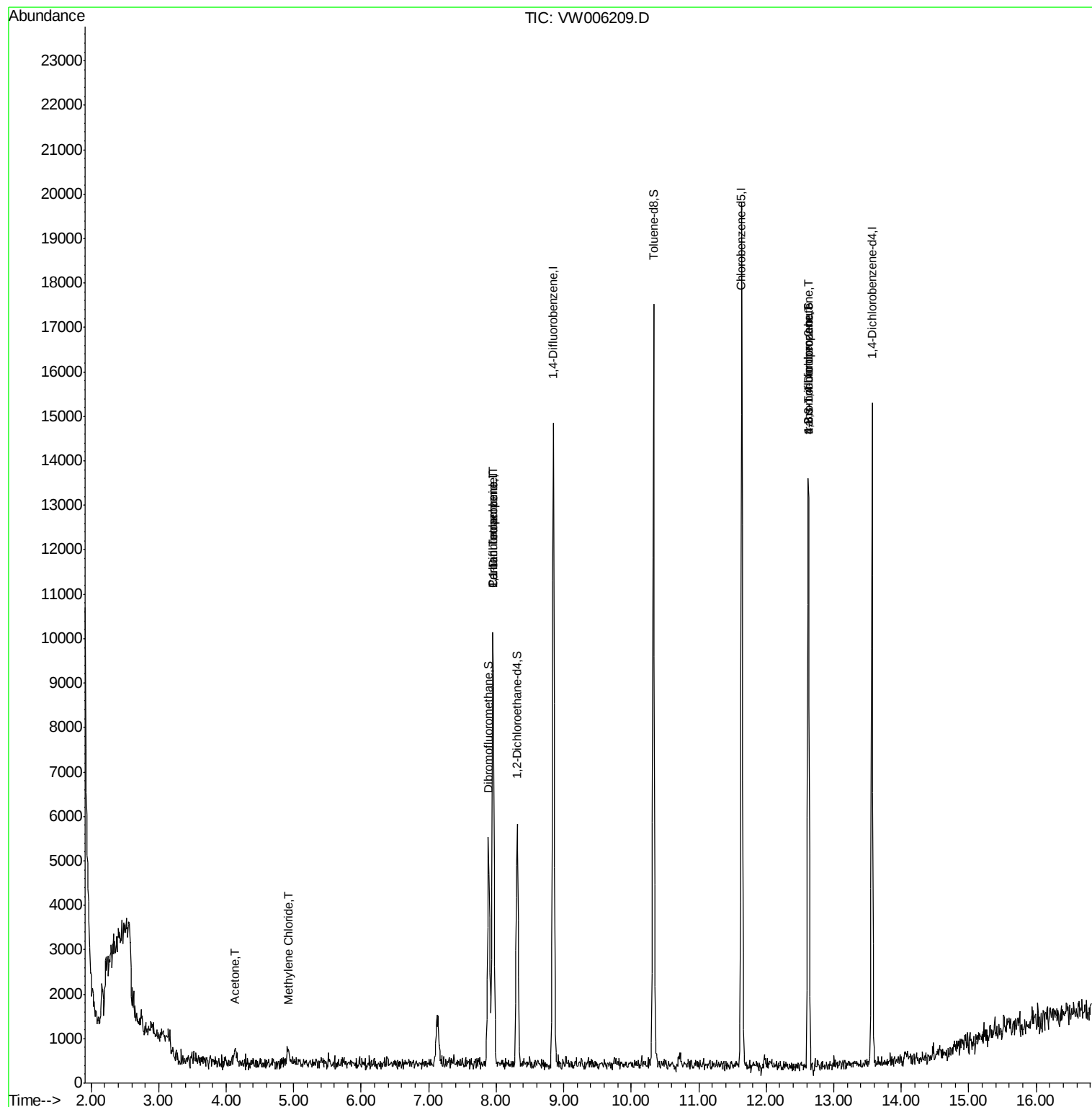
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	8319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	12837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	11633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4191	60.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.54%	
35) Dibromofluoromethane	7.88	113	3692	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	10.33	98	12094	41.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.82%	
62) 4-Bromofluorobenzene	12.62	95	4043	37.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.60%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	813	51.052	ug/l #	60
20) Methylene Chloride	4.93	84	292	2.454	ug/l #	64
36) 1,1-Dichloropropene	7.95	75	451	3.812	ug/l #	40
38) Carbon Tetrachloride	7.96	117	752	5.798	ug/l #	13
76) 1,2,3-Trichloropropane	12.63	75	2166	65.507	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	2166	156.588	ug/l #	10

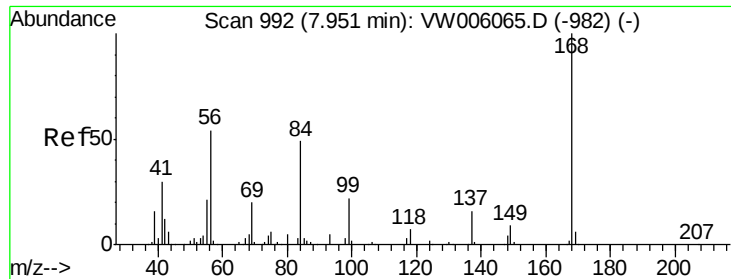
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
FK-BPM-03-003-ABCDRE

Quant Time: Oct 19 08:30:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006209.D

Acq: 19 Oct 2018 07:47

Instrument :

MSVOA_W

ClientSampleId :

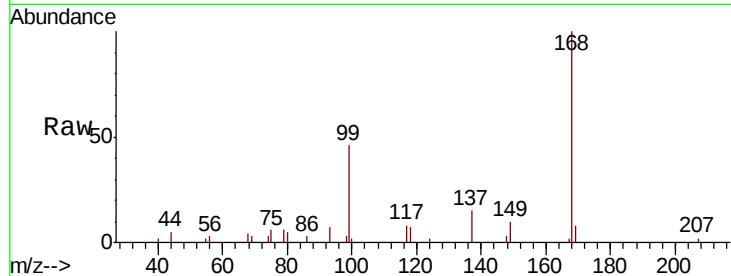
FK-BPM-03-003-ABCDRE

Tot Ion:168 Resp: 8319

Ion Ratio Lower Upper

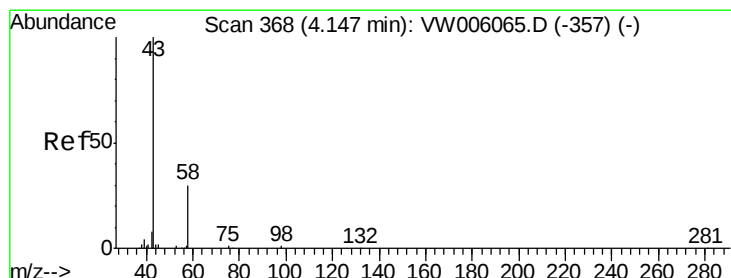
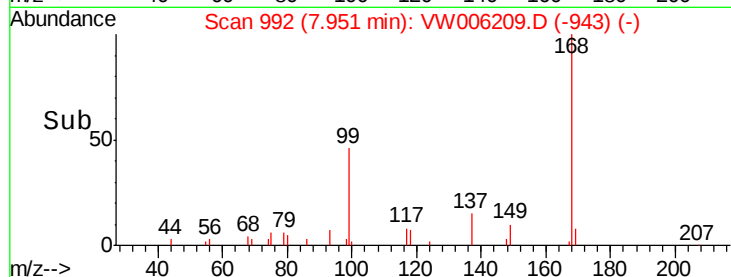
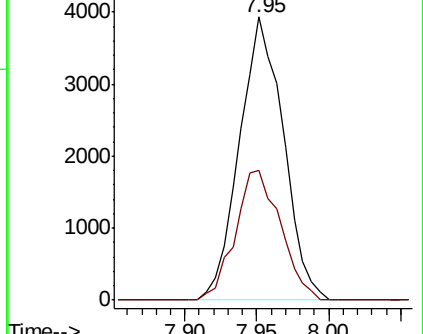
168 100

99 46.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 51.052 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006209.D

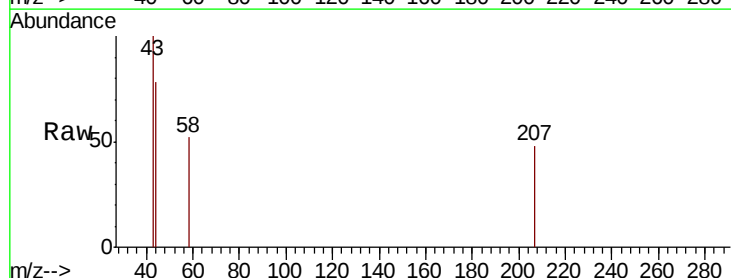
Acq: 19 Oct 2018 07:47

Tgt Ion: 43 Resp: 813

Ion Ratio Lower Upper

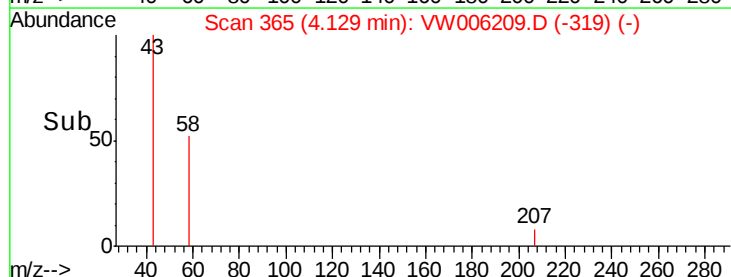
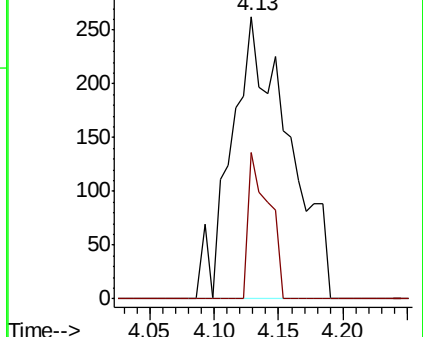
43 100

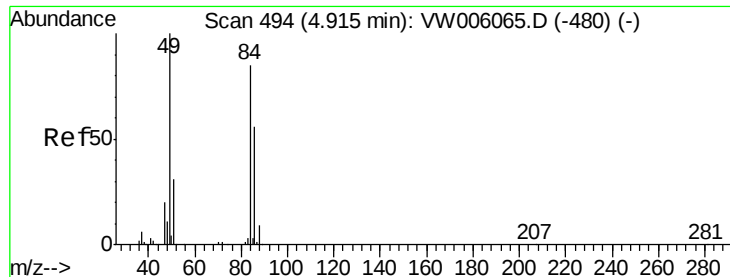
58 51.7 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 2.454 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006209.D

Acq: 19 Oct 2018 07:47

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-03-003-ABCDRE

Tot Ion: 84 Resp: 292

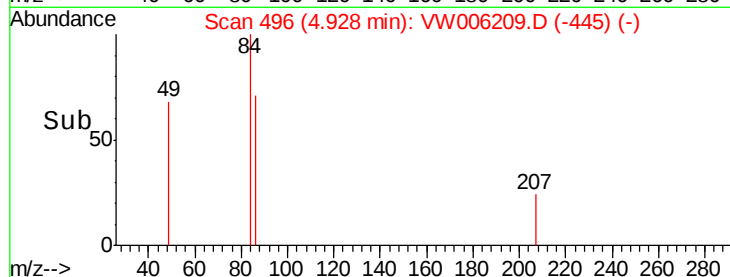
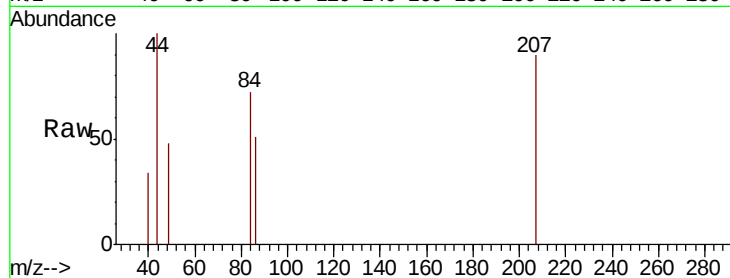
Ion Ratio Lower Upper

84 100

49 67.6 93.6 140.4#

51 0.0 29.0 43.4#

86 70.5 52.6 79.0

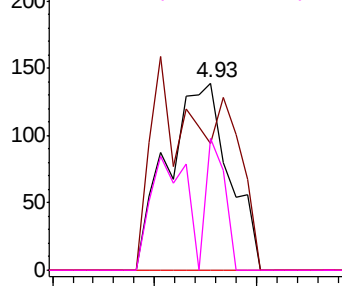


Abundance Ion 83.90 (83.60 to 84.60): VW

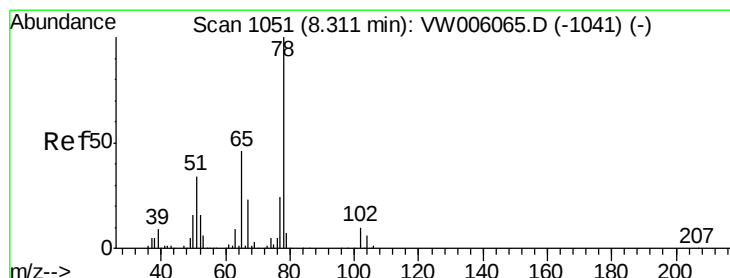
Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time--> 4.85 4.90 4.95



#33

1,2-Dichloroethane-d4

Concen: 60.766 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006209.D

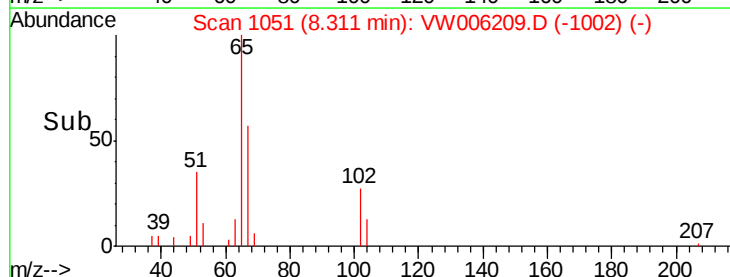
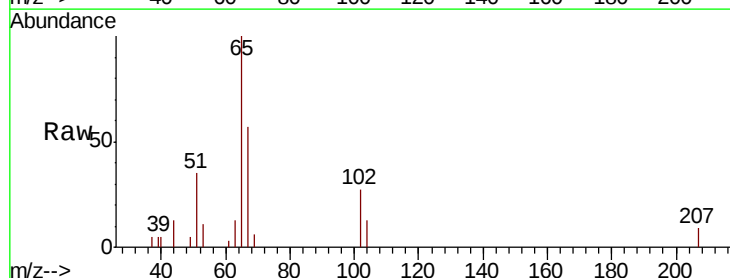
Acq: 19 Oct 2018 07:47

Tgt Ion: 65 Resp: 4191

Ion Ratio Lower Upper

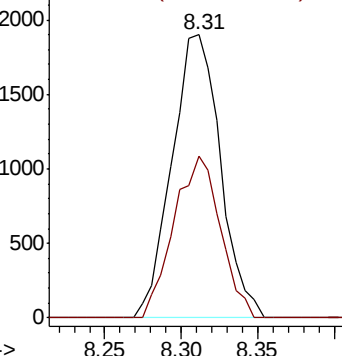
65 100

67 54.8 0.0 101.0

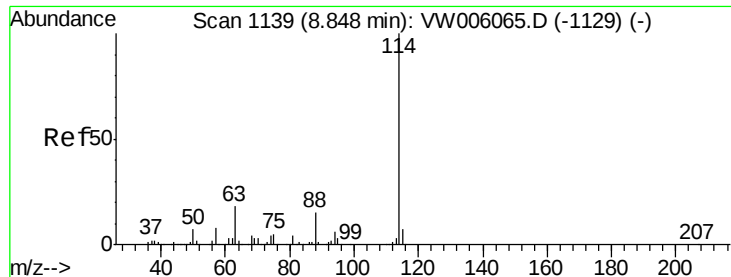


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



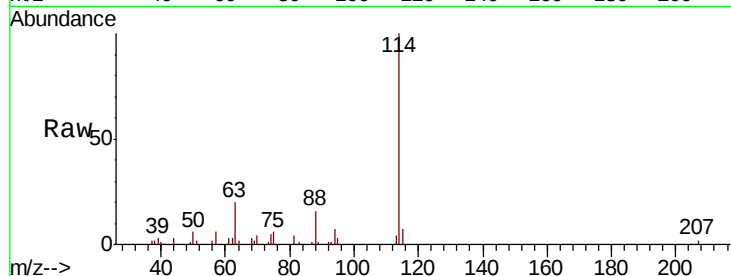
Time--> 8.25 8.30 8.35



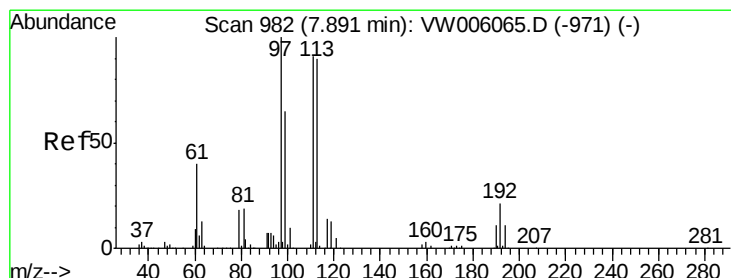
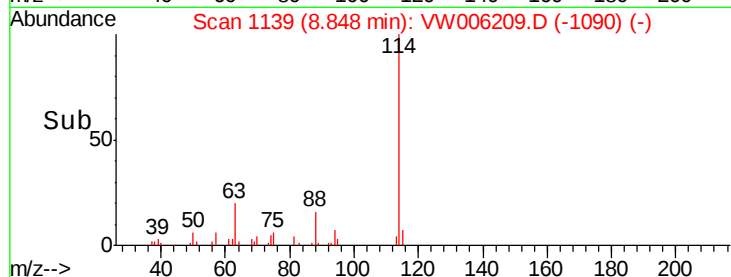
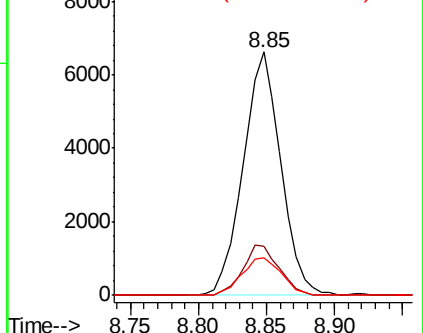
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006209.D
 Acq: 19 Oct 2018 07:47

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-003-ABCDRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	36.8
88	15.5	0.0	29.0

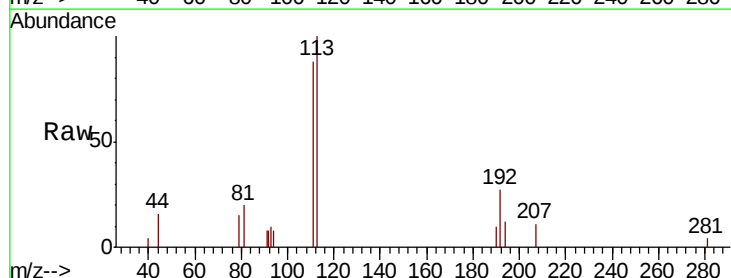


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

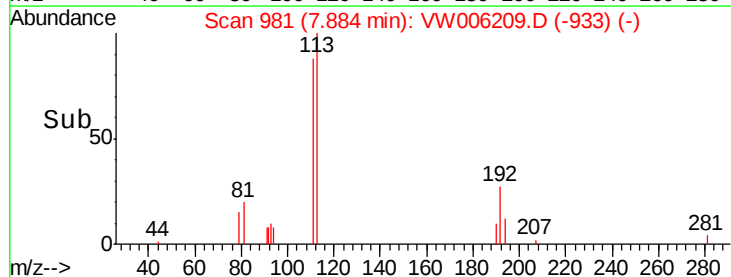
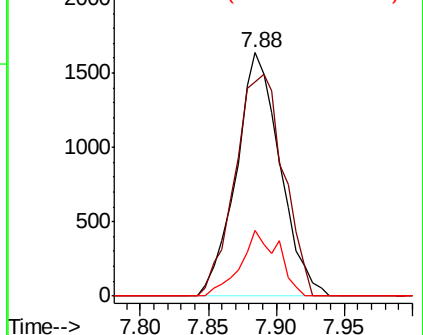


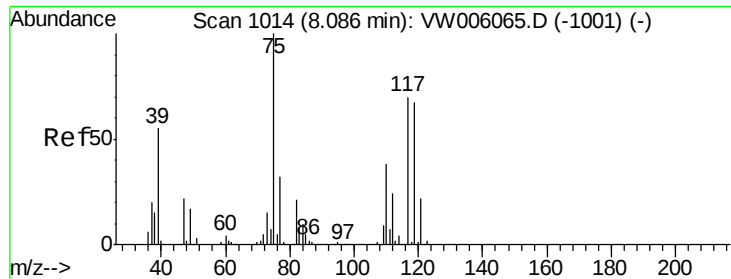
#35
 Dibromofluoromethane
 Concen: 48.673 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006209.D
 Acq: 19 Oct 2018 07:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.0
192	23.3	18.7	28.1



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

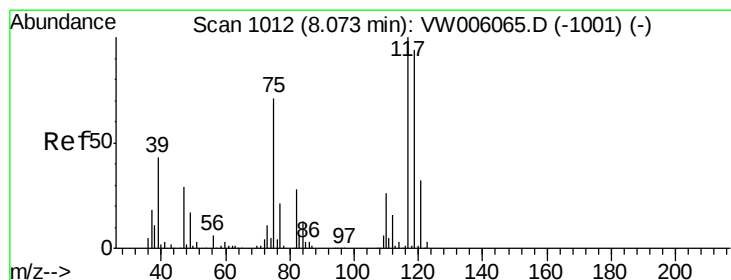
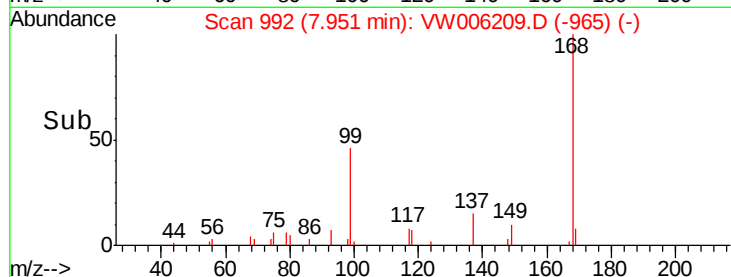
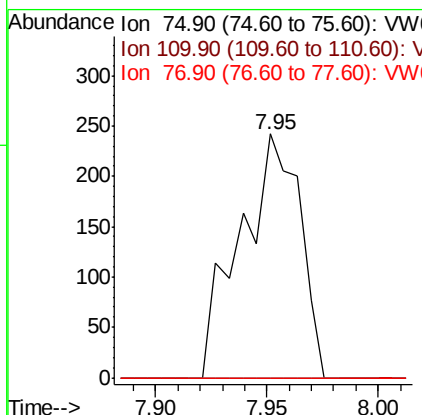
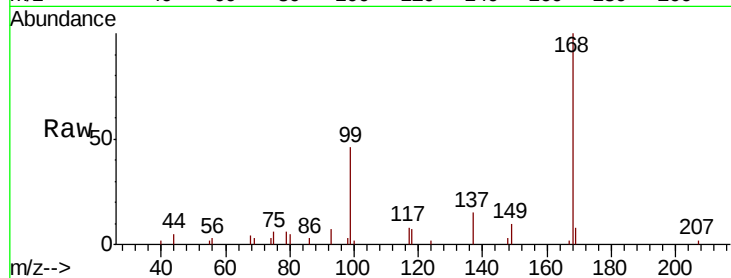




#36
 1,1-Dichloropropene
 Concen: 3.812 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006209.D
 Acq: 19 Oct 2018 07:47

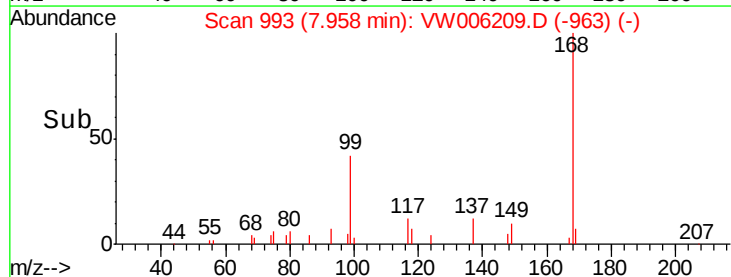
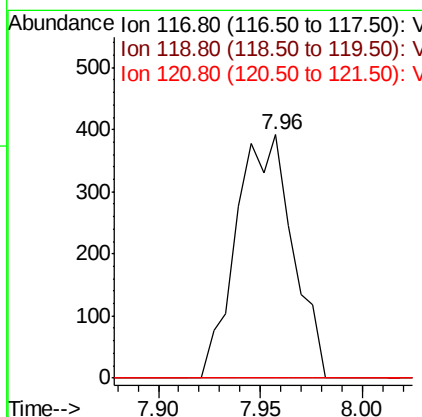
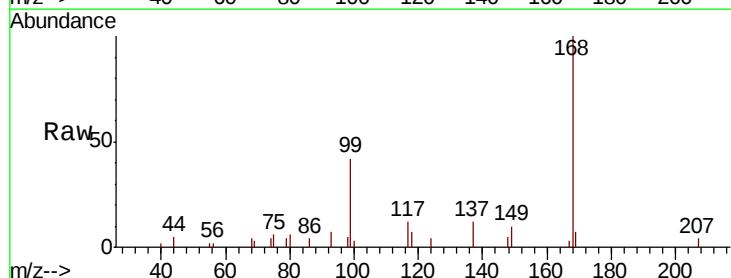
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-003-ABCDRE

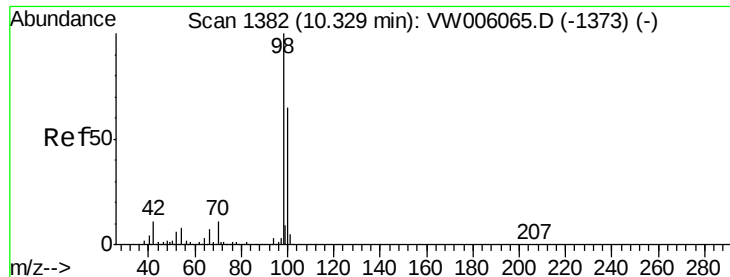
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.798 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW006209.D
 Acq: 19 Oct 2018 07:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 41.908 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006209.D

Acq: 19 Oct 2018 07:47

Instrument :

MSVOA_W

ClientSampleId :

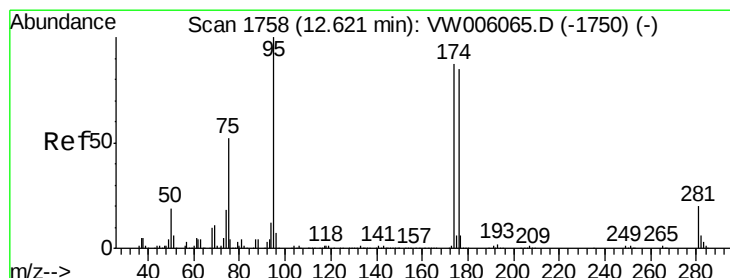
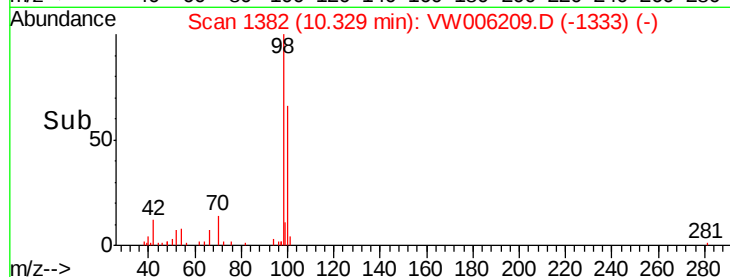
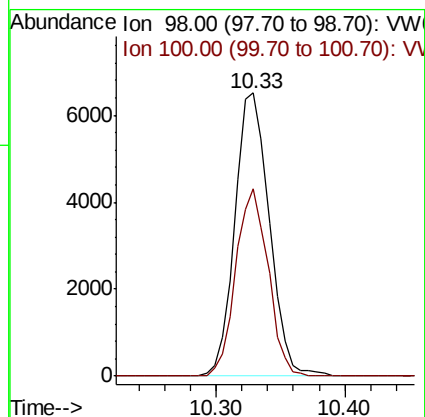
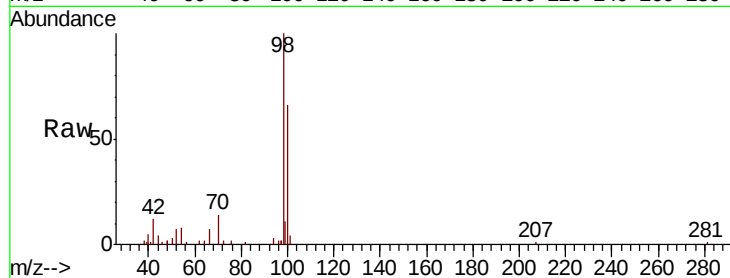
FK-BPM-03-003-ABCDRE

Tot Ion: 98 Resp: 12094

Ion Ratio Lower Upper

98 100

100 61.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 37.301 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006209.D

Acq: 19 Oct 2018 07:47

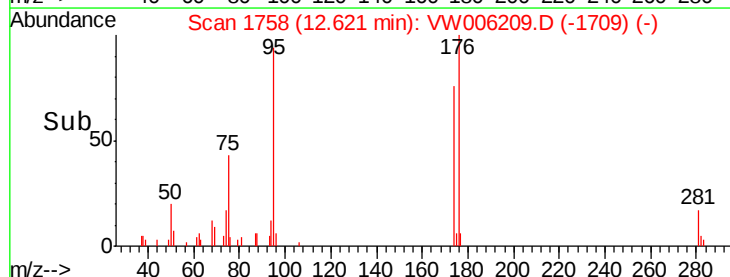
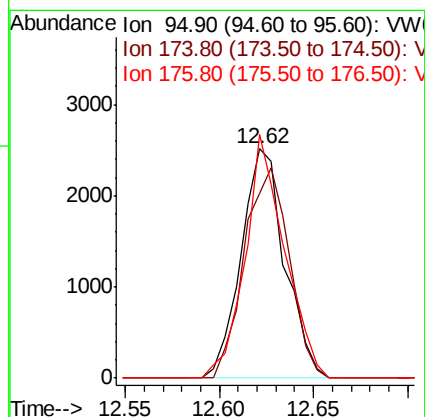
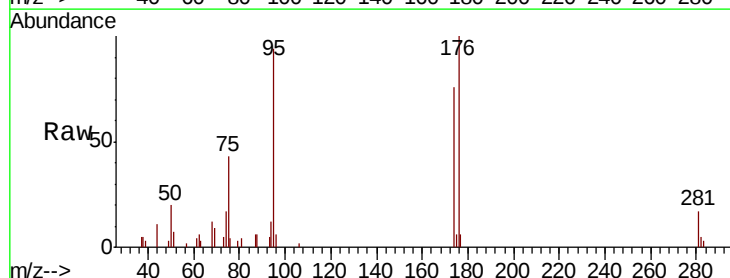
Tgt Ion: 95 Resp: 4043

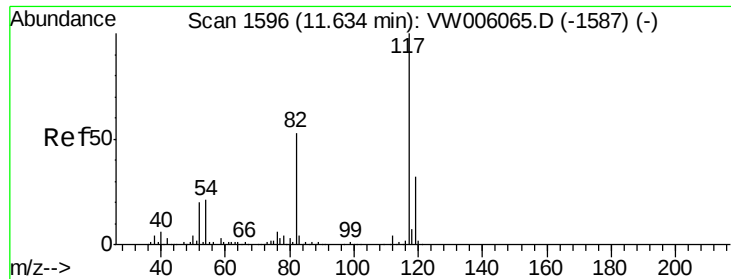
Ion Ratio Lower Upper

95 100

174 94.4 0.0 186.0

176 96.0 0.0 181.6

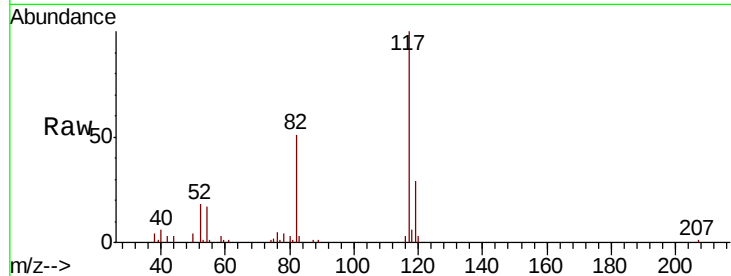




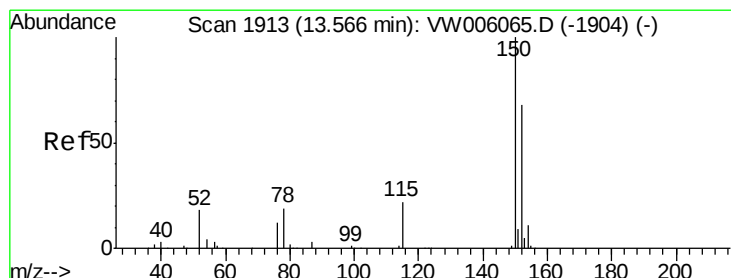
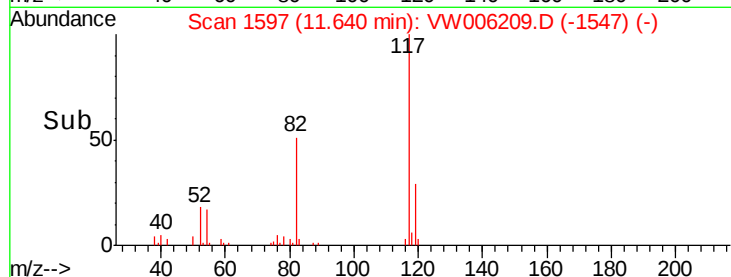
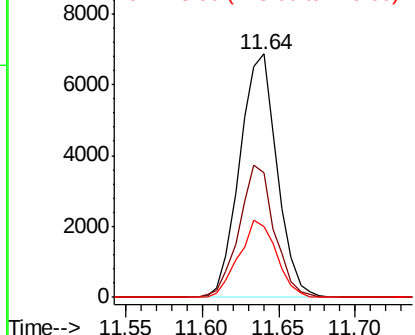
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW006209.D
Acq: 19 Oct 2018 07:47

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-003-ABCDRE

Tot Ion:117 Resp: 11633
Ion Ratio Lower Upper
117 100
82 51.1 42.1 63.1
119 29.0 25.8 38.6

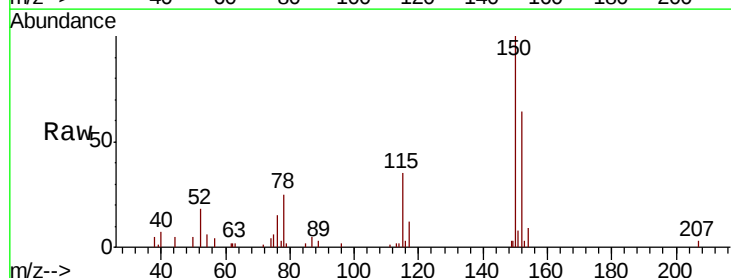


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

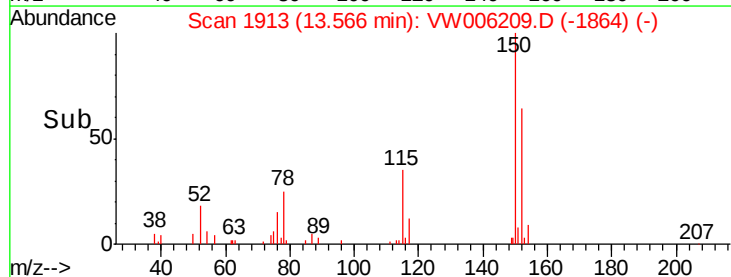
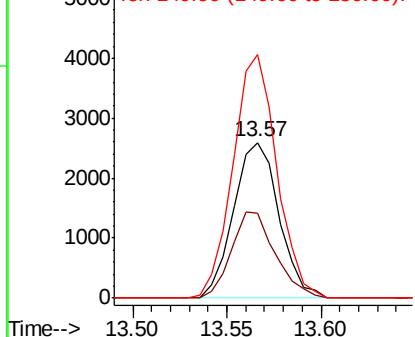


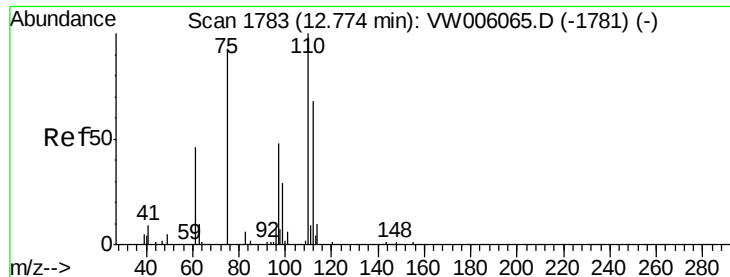
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006209.D
Acq: 19 Oct 2018 07:47

Tgt Ion:152 Resp: 4329
Ion Ratio Lower Upper
152 100
115 53.6 27.8 83.3
150 150.5 0.0 349.2



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: 65.507 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW006209.D

Acq: 19 Oct 2018 07:47

Instrument :

MSVOA_W

ClientSampleId :

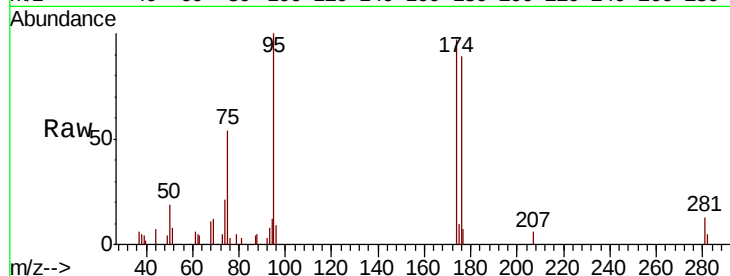
FK-BPM-03-003-ABCDRE

Tot Ion: 75 Resp: 2166

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.63

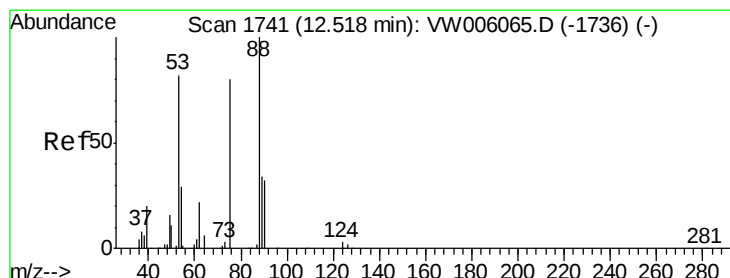
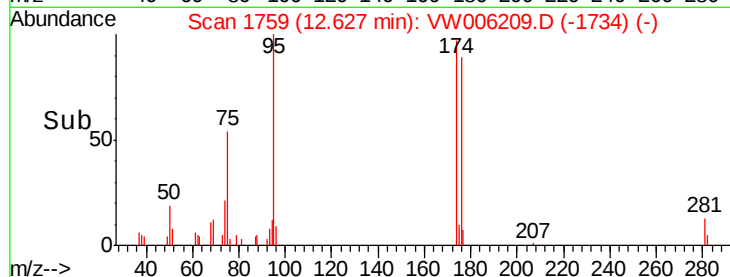
1500

1000

500

0

Time--> 12.55 12.60 12.65



#81

trans-1,4-Dichloro-2-butene

Concen: 156.588 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW006209.D

Acq: 19 Oct 2018 07:47

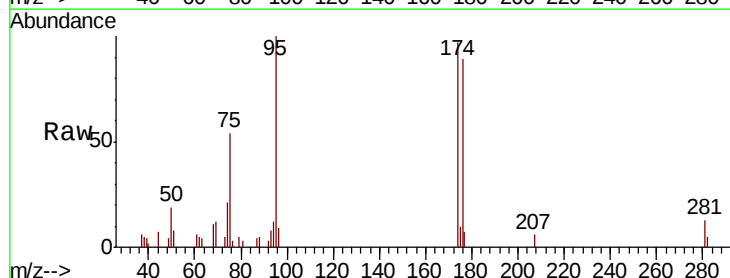
Tgt Ion: 75 Resp: 2166

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

12.63

1500

1000

500

0

Time--> 12.55 12.60 12.65

