

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006154.D
 Acq On : 18 Oct 2018 05:22
 Operator : VA/AP
 Sample : J5570-03
 Misc : 6.16G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-08

Quant Time: Oct 18 10:50:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	349710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	113964	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100040	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	7.88	113	95565	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
50) Toluene-d8	10.33	98	307138	39.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.14%	
62) 4-Bromofluorobenzene	12.62	95	101758	34.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.92%	

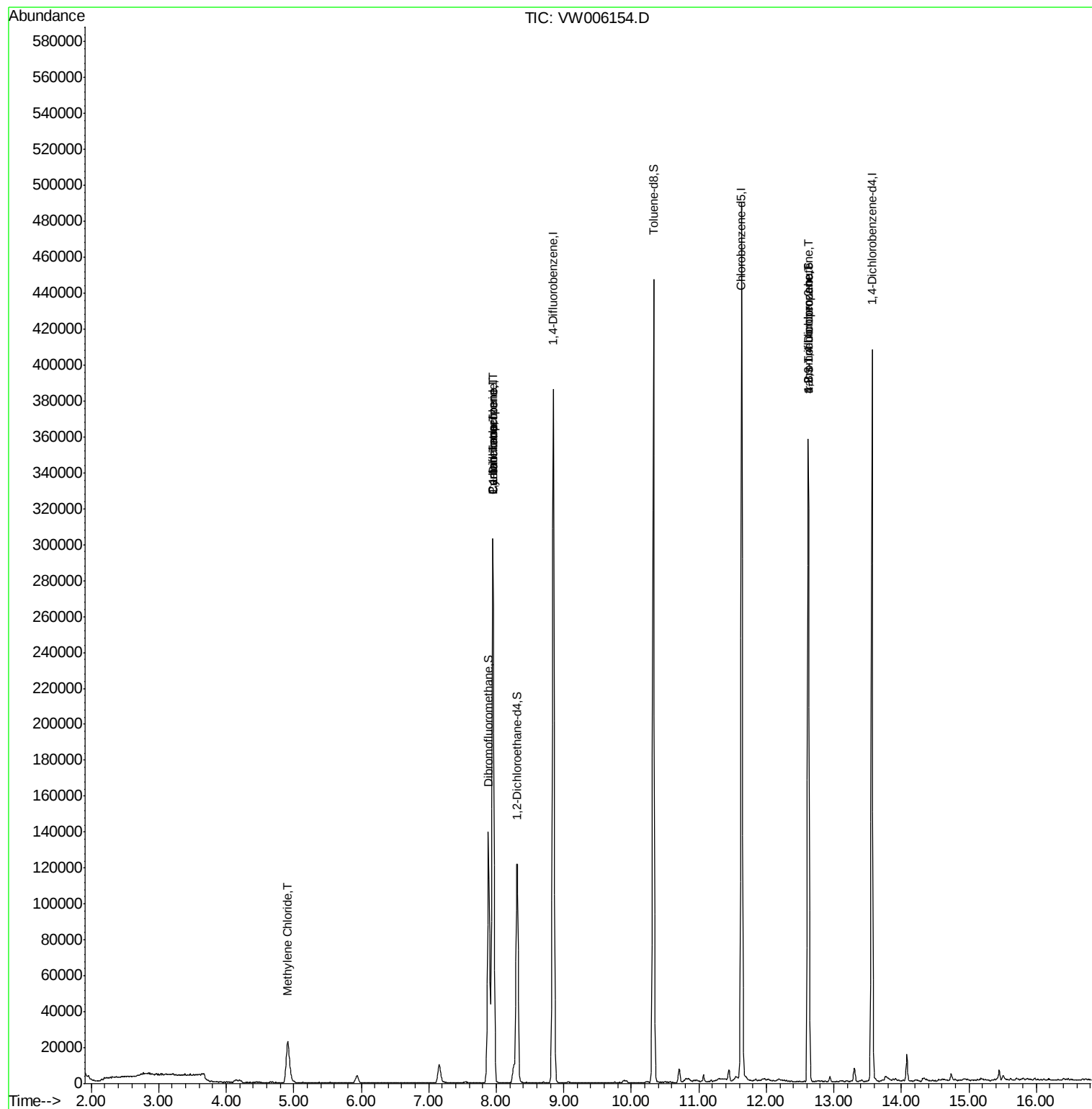
Target Compounds						Qvalue
16) Acetone	4.14	43	3100	Below Cal		95
20) Methylene Chloride	4.91	84	20837	8.40 ug/l		94
31) Cyclohexane	7.95	56	4421	1.20 ug/l #		19
36) 1,1-Dichloropropene	7.95	75	15837	4.91 ug/l #		49
38) Carbon Tetrachloride	7.95	117	22343	6.32 ug/l #		16
76) 1,2,3-Trichloropropane	12.62	75	52825	60.69 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	52825	145.06 ug/l #		10

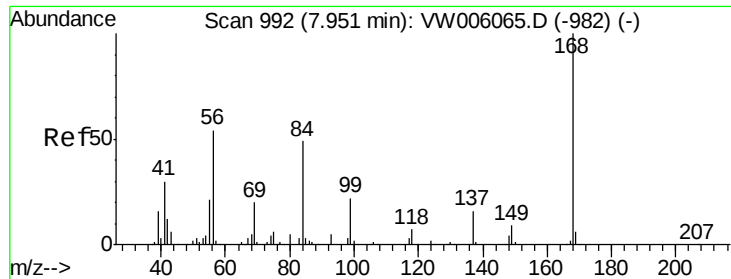
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
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TS-08

Quant Time: Oct 18 10:50:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006154.D

Acq: 18 Oct 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

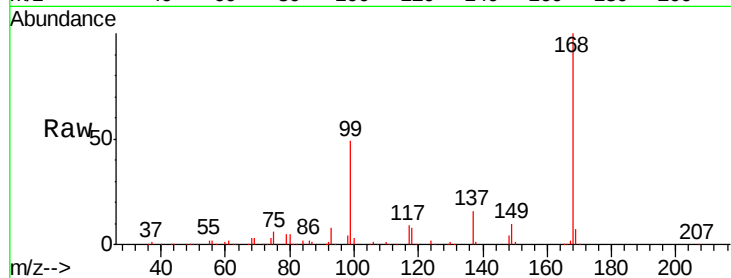
TS-08

Tgt Ion:168 Resp: 243449

Ion Ratio Lower Upper

168 100

99 49.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

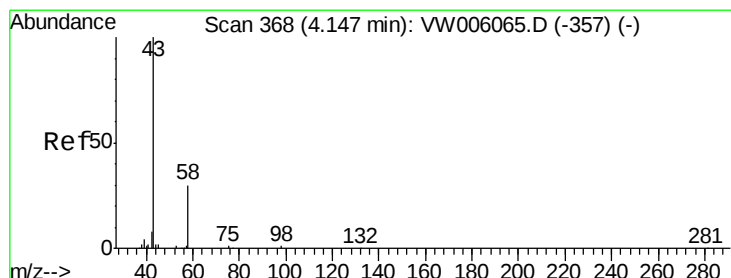
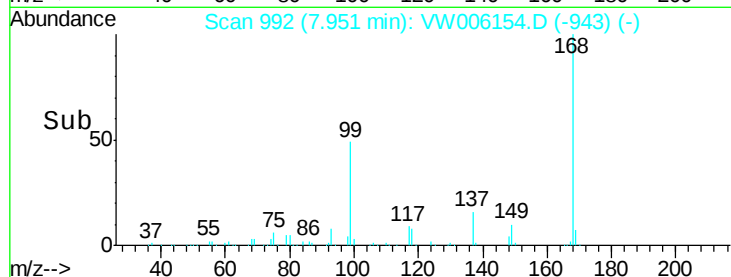
60000

40000

20000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006154.D

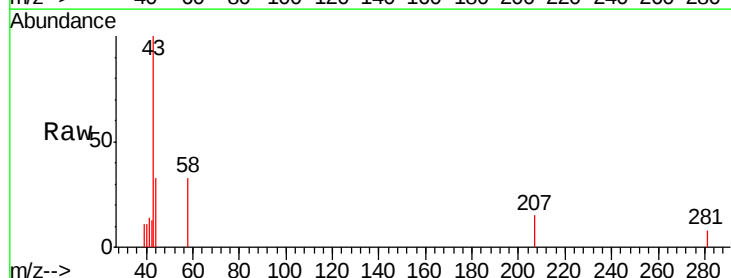
Acq: 18 Oct 2018 05:22

Tgt Ion: 43 Resp: 3100

Ion Ratio Lower Upper

43 100

58 33.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1000

800

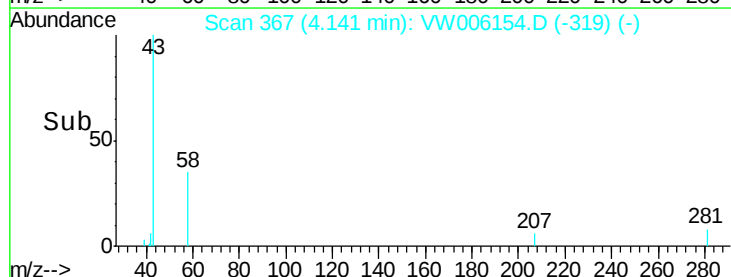
600

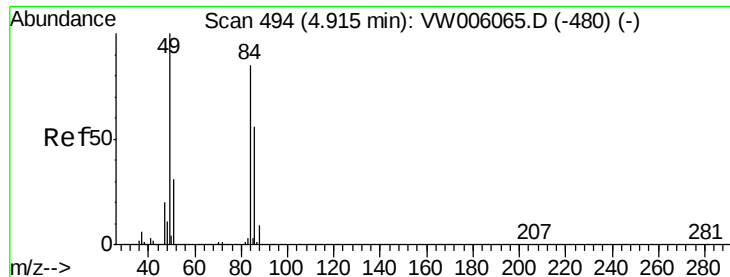
400

200

0

Time-->

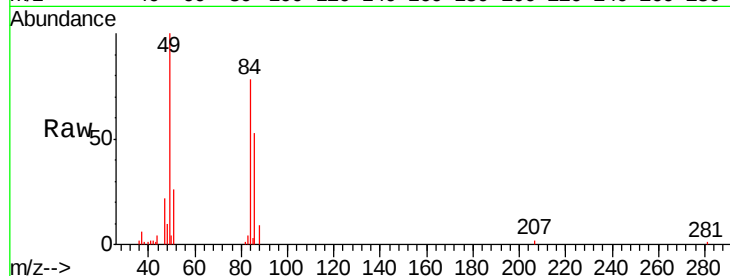




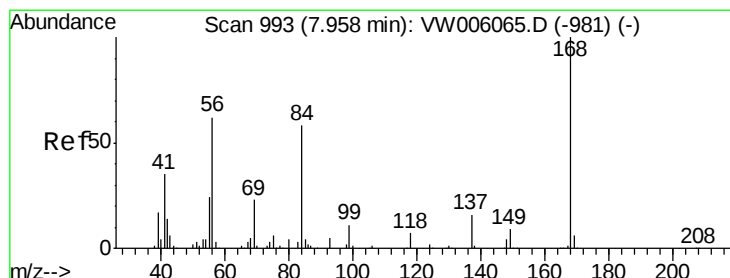
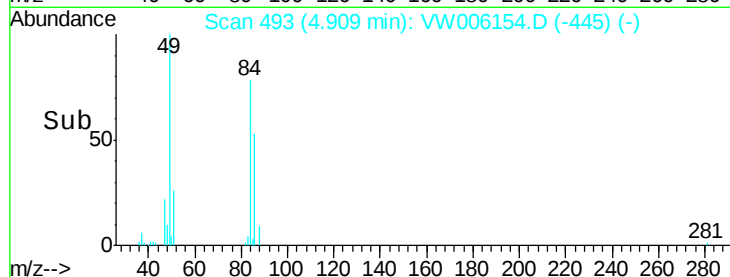
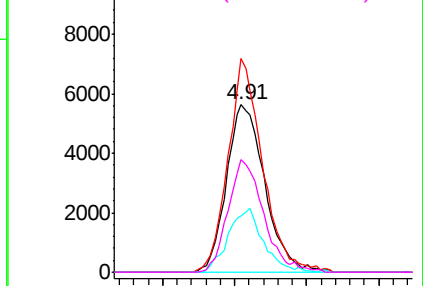
#20
Methylene Chloride
Concen: 8.40 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006154.D
Acq: 18 Oct 2018 05:22

Instrument :
MSVOA_W
ClientSampled :
TS-08

Tgt Ion:	84	Resp:	20837
Ion	Ratio	Lower	Upper
84	100		
49	127.7	93.6	140.4
51	33.8	29.0	43.4
86	67.2	52.6	79.0

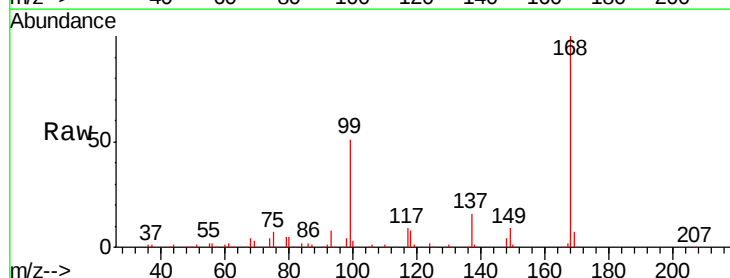


Abundance Ion 83.90 (83.60 to 84.60): VW

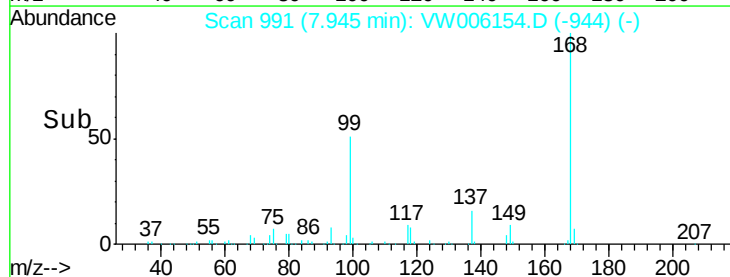
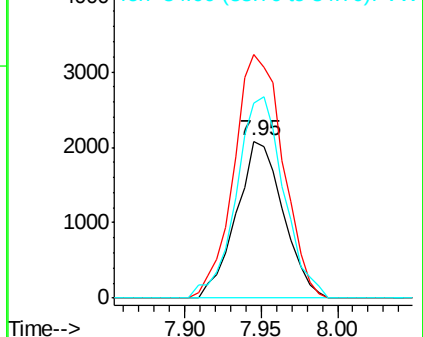


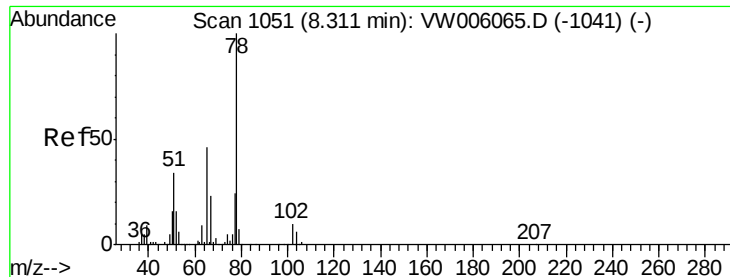
#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006154.D
Acq: 18 Oct 2018 05:22

Tgt Ion:	56	Resp:	4421
Ion	Ratio	Lower	Upper
56	100		
69	155.4	29.4	44.0#
84	124.3	74.0	111.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

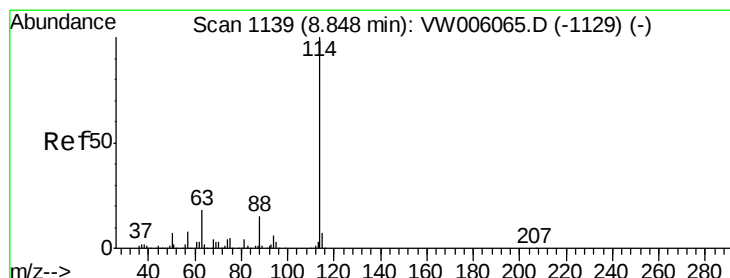
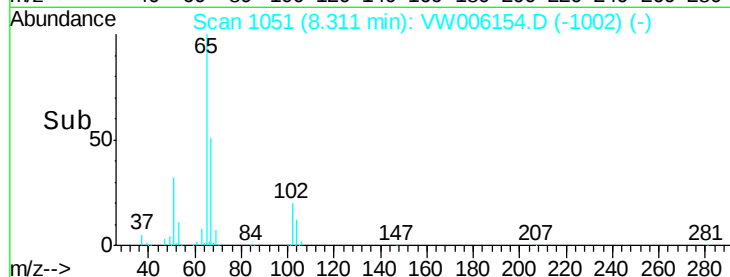
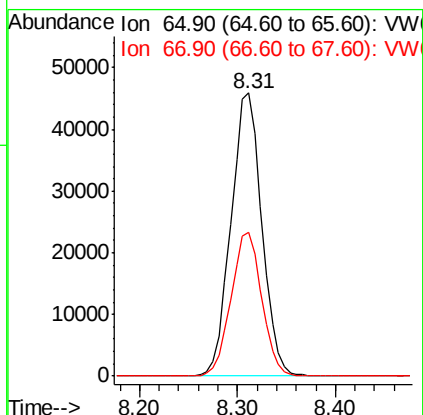
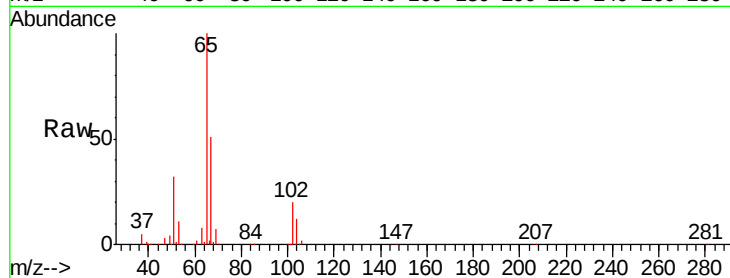




#33
 1,2-Dichloroethane-d4
 Concen: 49.57 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006154.D
 Acq: 18 Oct 2018 05:22

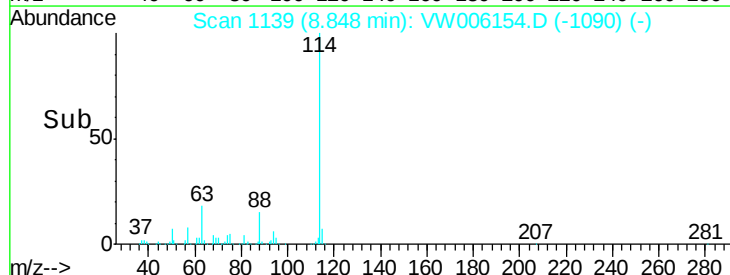
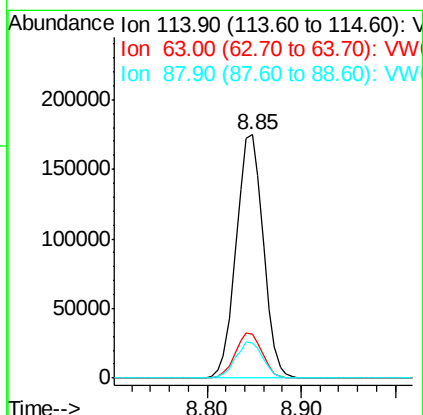
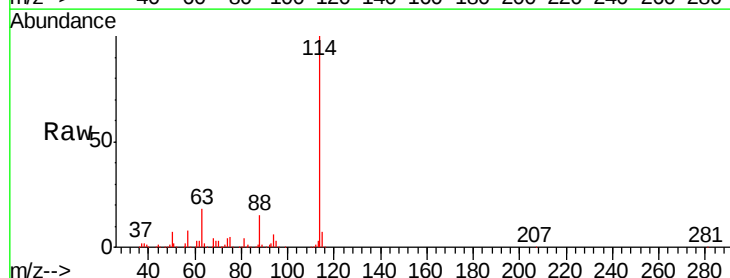
Instrument :
 MSVOA_W
 ClientSampled :
 TS-08

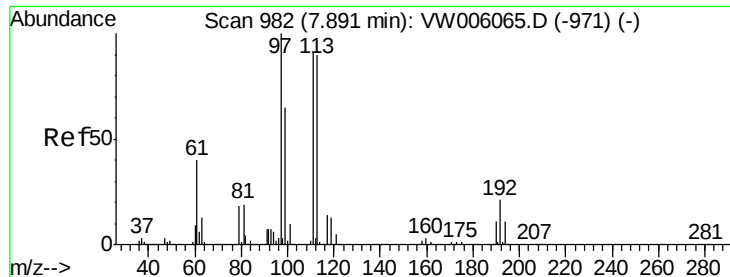
Tgt Ion: 65 Resp: 100040
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006154.D
 Acq: 18 Oct 2018 05:22

Tgt Ion: 114 Resp: 349710
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.8
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.25 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006154.D

Acq: 18 Oct 2018 05:22

Instrument :
MSVOA_W
ClientSampled :
TS-08

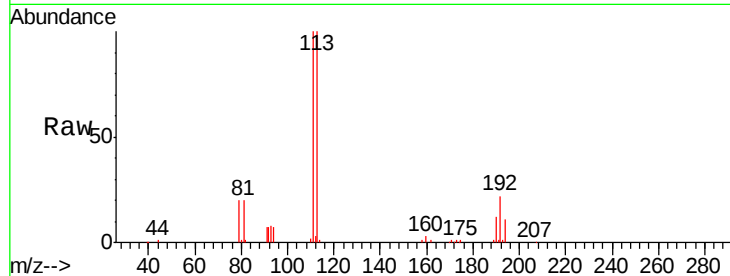
Tgt Ion: 113 Resp: 95565

Ion Ratio Lower Upper

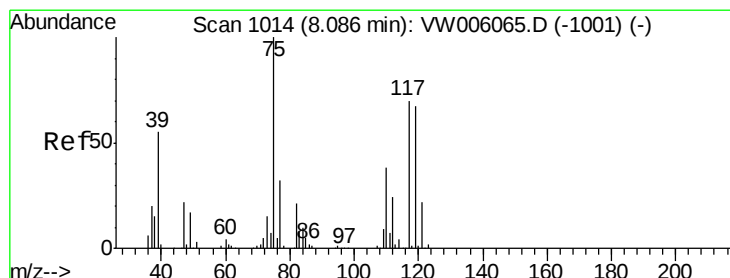
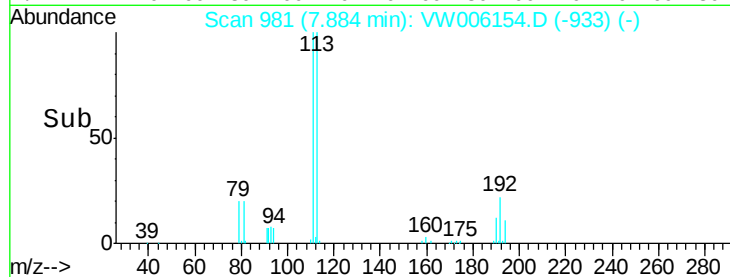
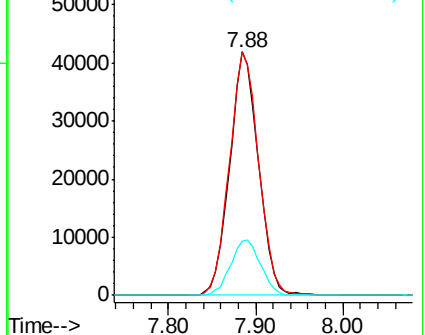
113 100

111 102.0 81.4 122.0

192 23.6 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: 4.91 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006154.D

Acq: 18 Oct 2018 05:22

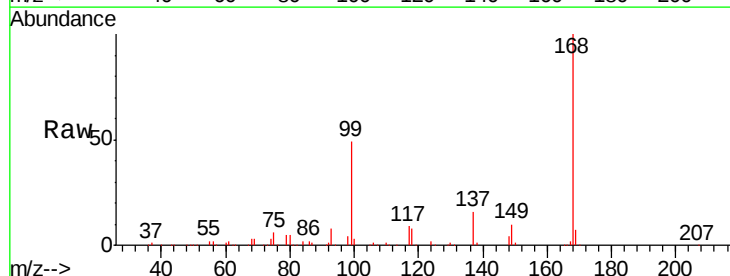
Tgt Ion: 75 Resp: 15837

Ion Ratio Lower Upper

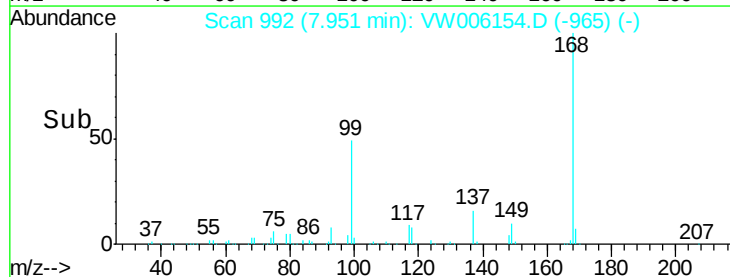
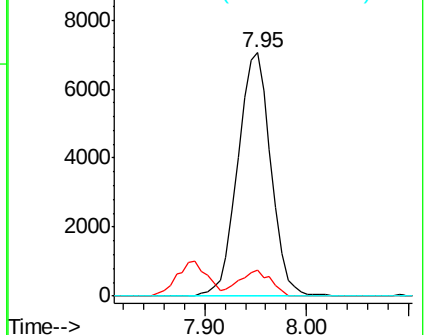
75 100

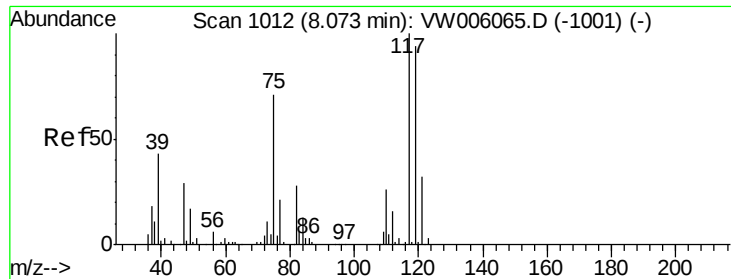
110 10.5 19.1 57.1#

77 0.0 25.0 37.4#



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





#38

Carbon Tetrachloride

Concen: 6.32 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006154.D

Acq: 18 Oct 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

TS-08

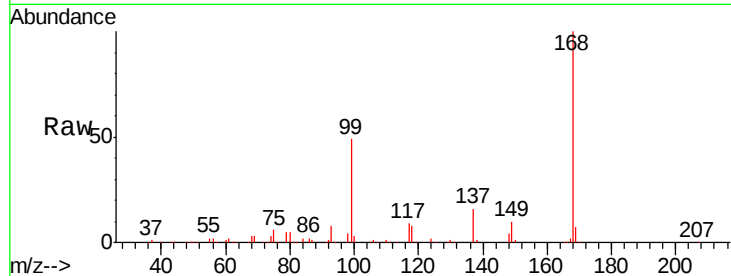
Tgt Ion:117 Resp: 22343

Ion Ratio Lower Upper

117 100

119 4.2 75.2 112.8#

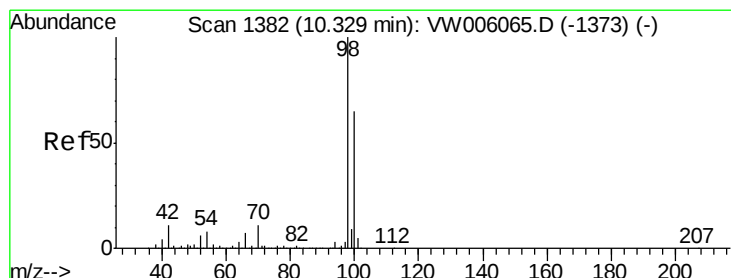
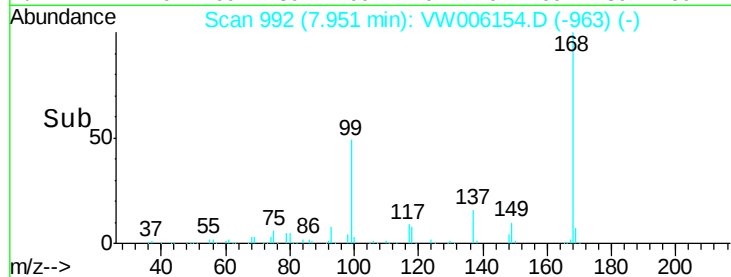
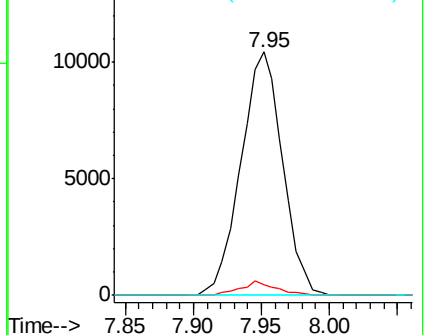
121 0.0 25.3 37.9#



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: 39.07 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006154.D

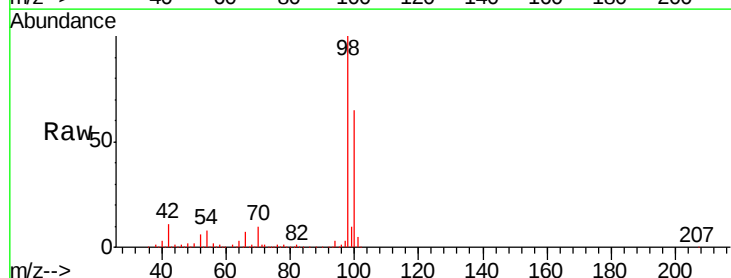
Acq: 18 Oct 2018 05:22

Tgt Ion: 98 Resp: 307138

Ion Ratio Lower Upper

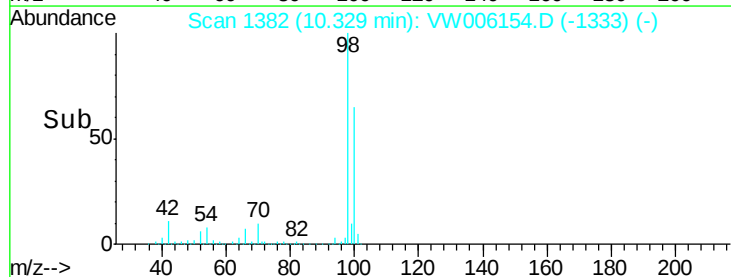
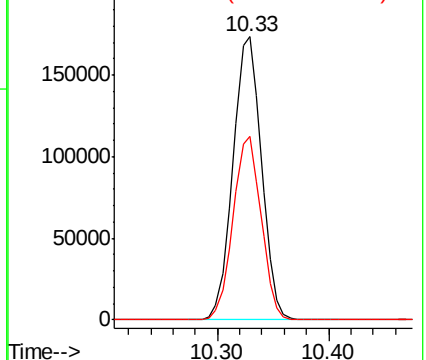
98 100

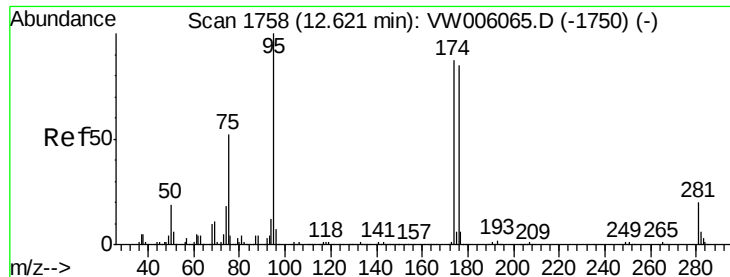
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 34.46 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006154.D

Acq: 18 Oct 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

TS-08

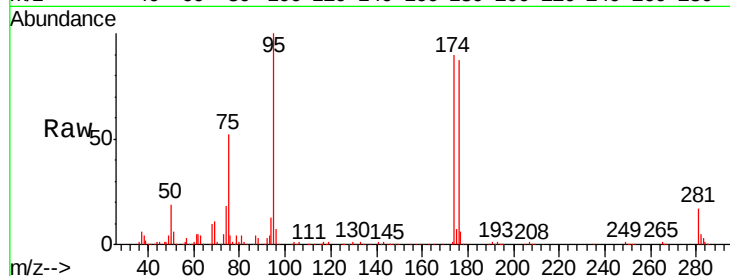
Tgt Ion: 95 Resp: 101758

Ion Ratio Lower Upper

95 100

174 93.6 0.0 186.0

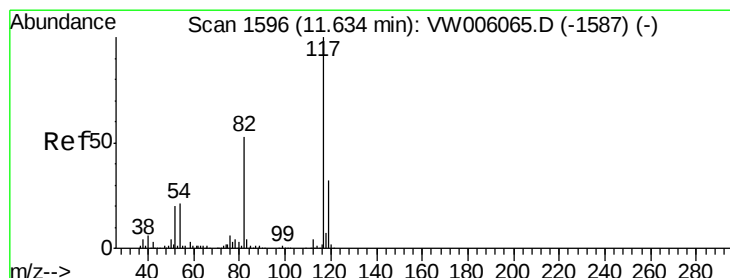
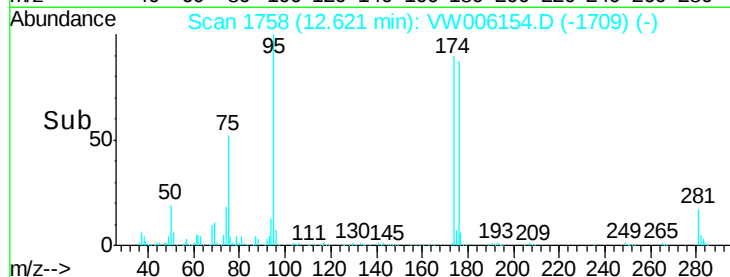
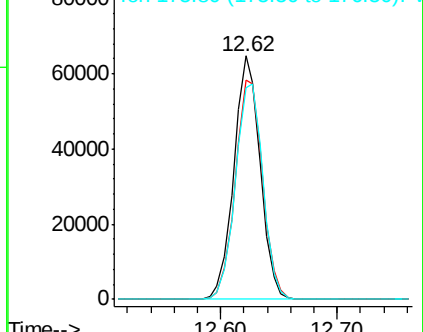
176 92.5 0.0 181.6



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: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006154.D

Acq: 18 Oct 2018 05:22

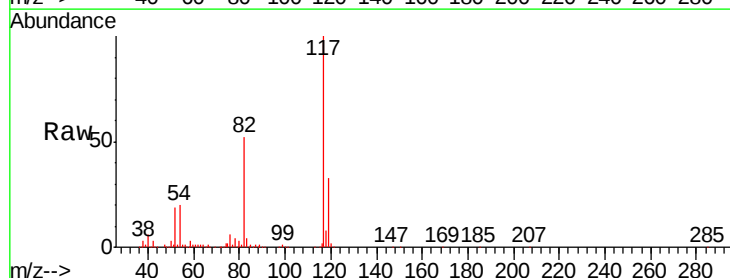
Tgt Ion: 117 Resp: 277277

Ion Ratio Lower Upper

117 100

82 52.3 42.1 63.1

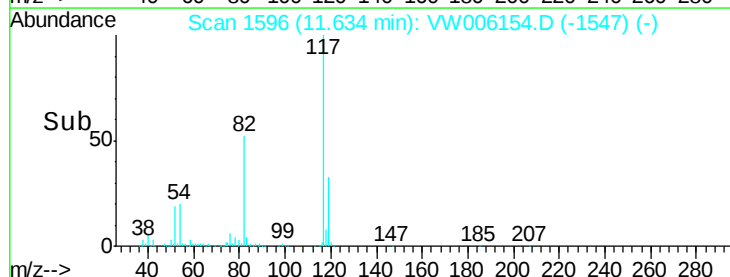
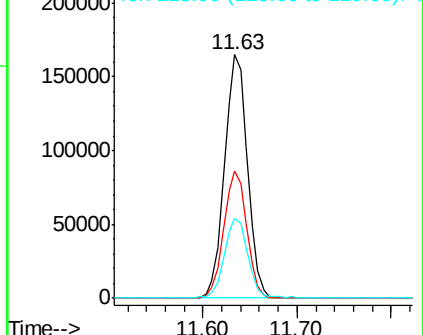
119 32.7 25.8 38.6

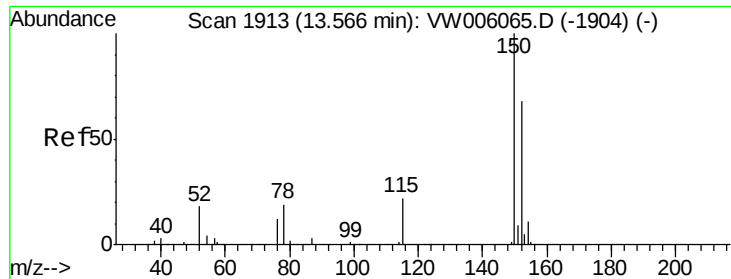


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



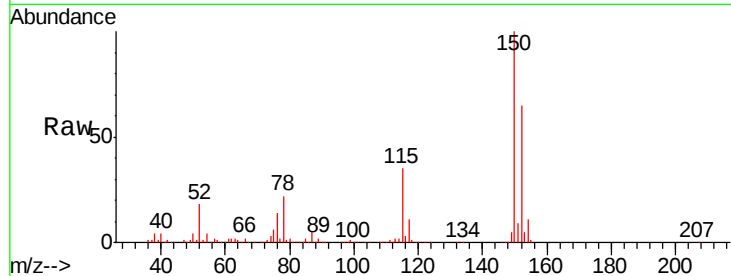


#72

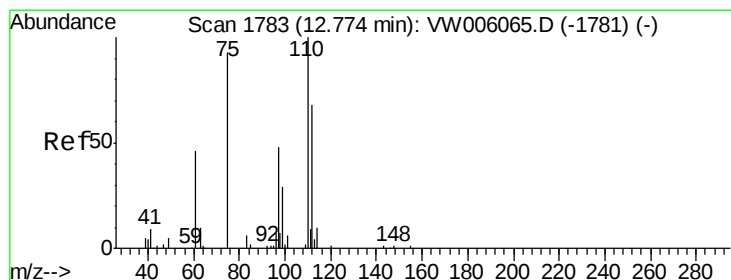
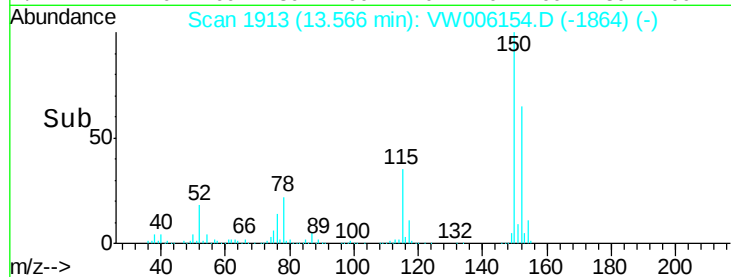
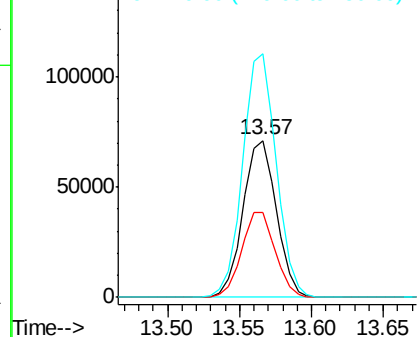
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006154.D
Acq: 18 Oct 2018 05:22

Instrument :
MSVOA_W
ClientSampled :
TS-08

Tgt Ion:152 Resp: 113964
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.3
150 156.1 0.0 349.2



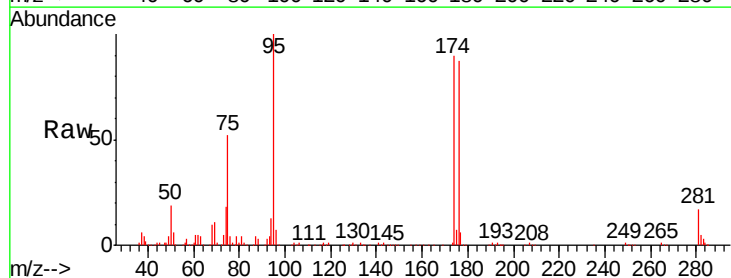
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



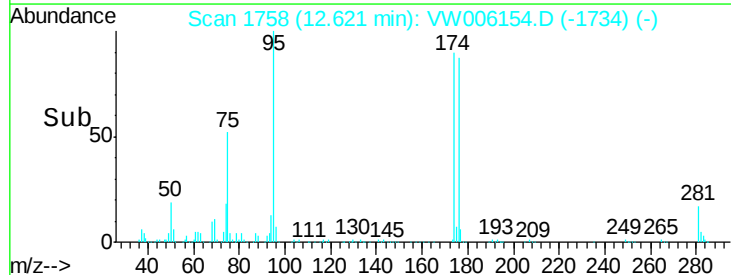
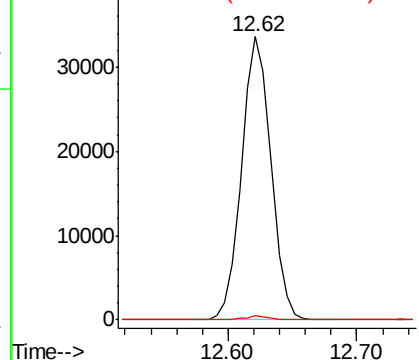
#76

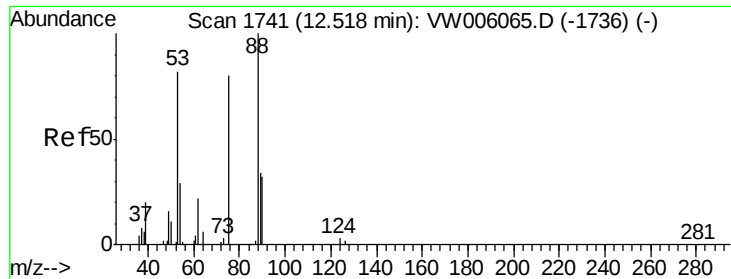
1,2,3-Trichloropropane
Concen: 60.69 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006154.D
Acq: 18 Oct 2018 05:22

Tgt Ion: 75 Resp: 52825
Ion Ratio Lower Upper
75 100
77 1.2 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: 145.06 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006154.D

Acq: 18 Oct 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

TS-08

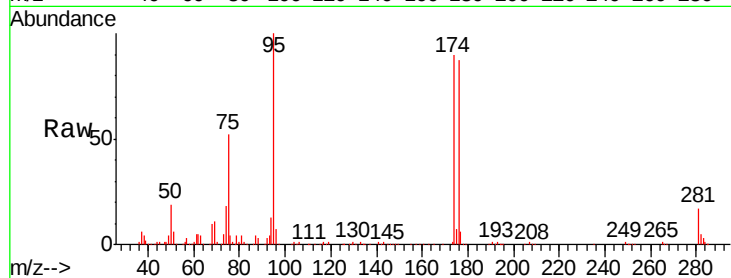
Tgt Ion: 75 Resp: 52825

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

