

Data File : VW006007.D
Acq On : 11 Oct 2018 01:08
Operator : SY/AP
Sample : J5373-01
Misc : 6.4G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RB37708-7211990-45911RT

Quant Time: Oct 11 05:41:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	336147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	105068	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113216	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	7.88	113	109070	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.33	98	355237	43.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.04%	
62) 4-Bromofluorobenzene	12.62	95	114459	36.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.86%	

Target Compounds

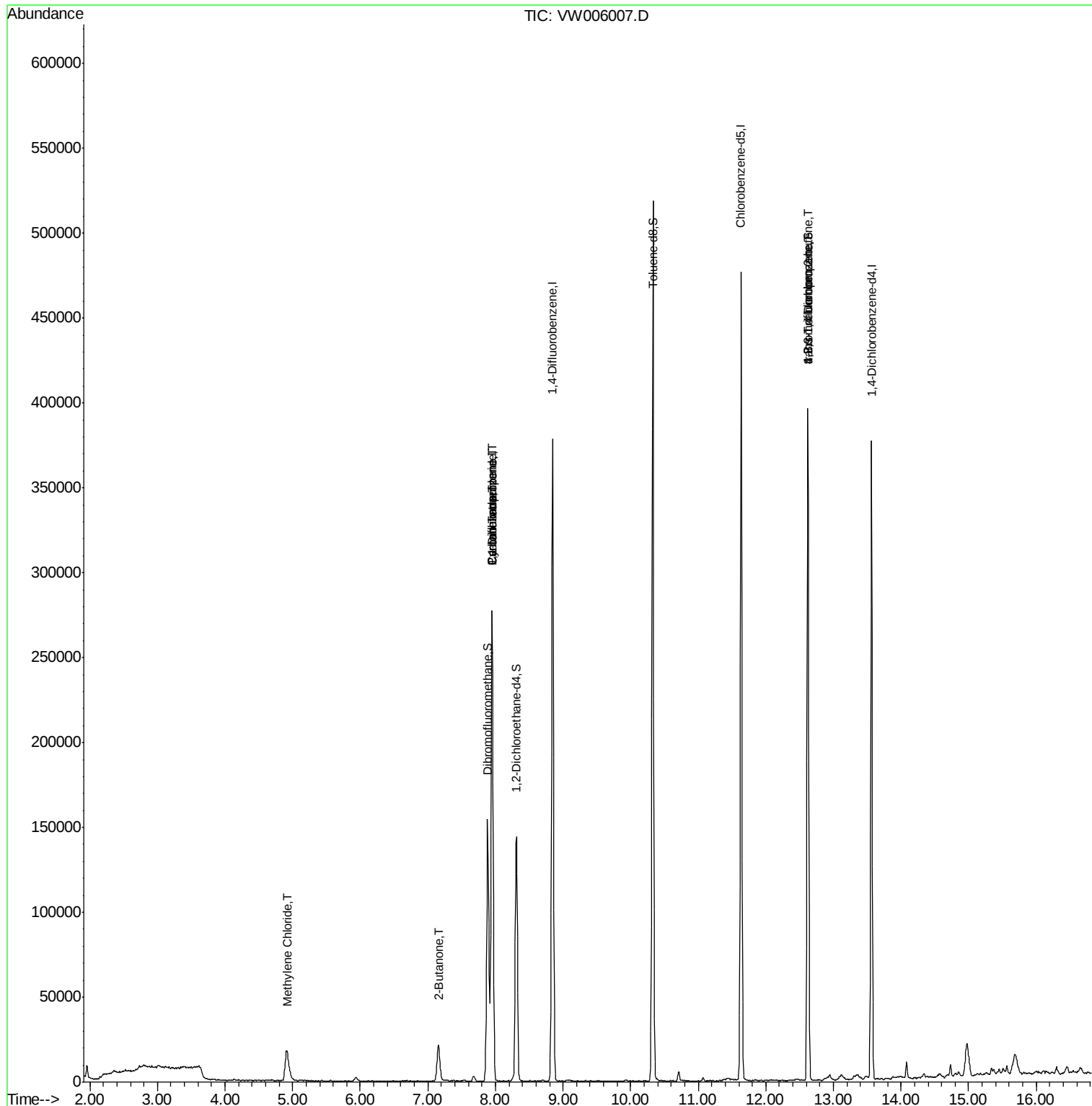
						Qvalue
20) Methylene Chloride	4.92	84	17327	8.013	ug/l #	91
25) 2-Butanone	7.15	43	1514	2.466	ug/l #	71
31) Cyclohexane	7.95	56	4451	1.177	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	14961	4.645	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19893	5.749	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	57948	61.742	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57948	130.345	ug/l #	11

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

Data File : VW006007.D
Acq On : 11 Oct 2018 01:08
Operator : SY/AP
Sample : J5373-01
Misc : 6.4G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RB37708-7211990-45911RT

Quant Time: Oct 11 05:41:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW006007.D

Acq: 11 Oct 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

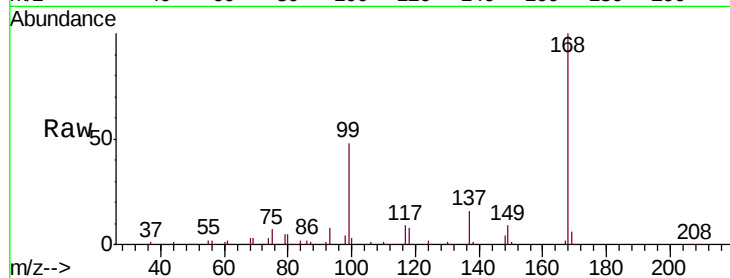
RB37708-7211990-45911RT

Tgt Ion:168 Resp: 222593

Ion Ratio Lower Upper

168 100

99 48.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

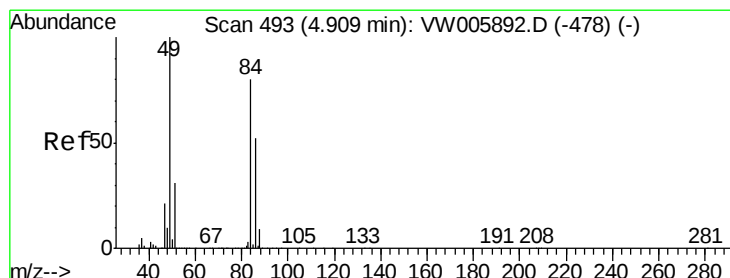
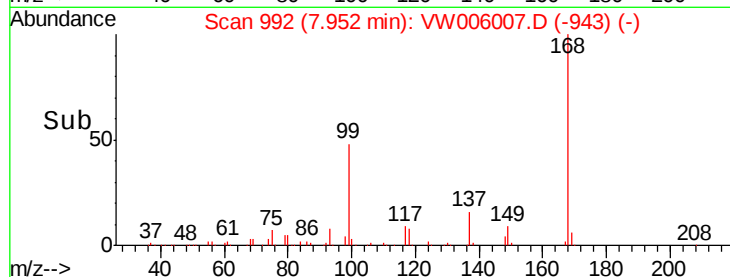
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 8.013 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006007.D

Acq: 11 Oct 2018 01:08

Tgt Ion: 84 Resp: 17327

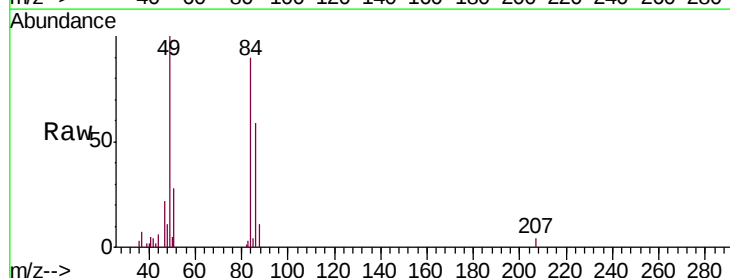
Ion Ratio Lower Upper

84 100

49 110.8 99.9 149.9

51 31.1 31.1 46.7#

86 65.4 51.8 77.6



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

4.92

8000

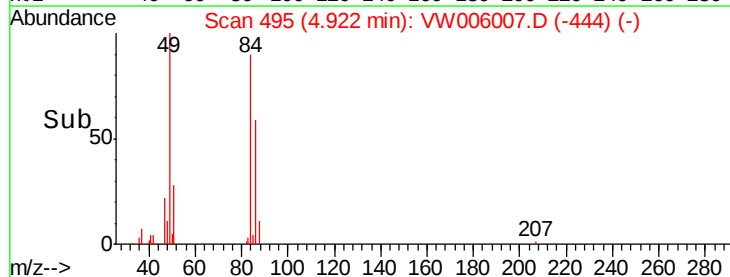
6000

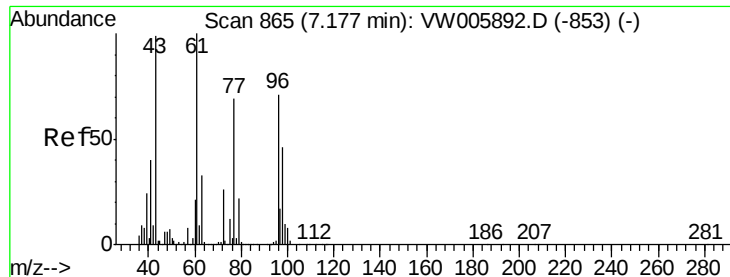
4000

2000

0

Time-->





#25

2-Butanone

Concen: 2.466 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW006007.D

Acq: 11 Oct 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

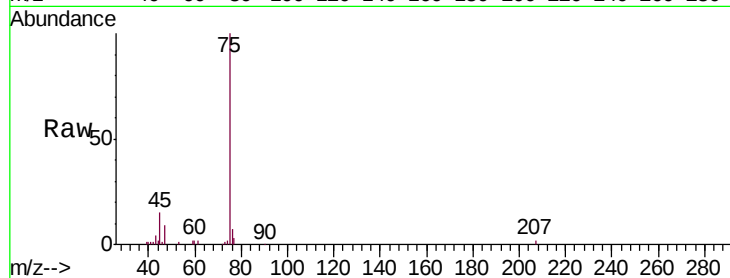
RB37708-7211990-45911RT

Tgt Ion: 43 Resp: 1514

Ion Ratio Lower Upper

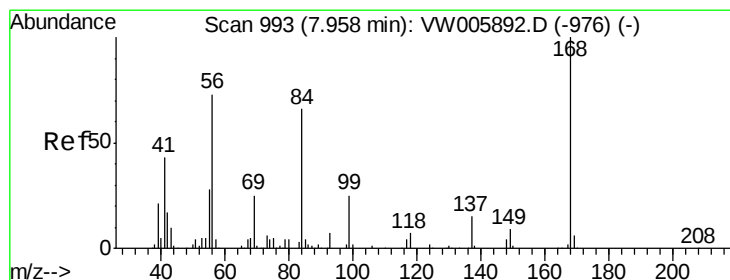
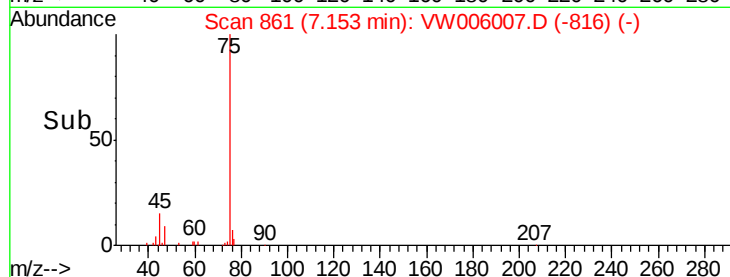
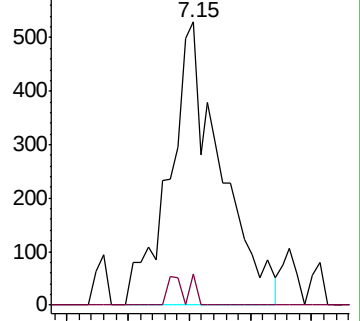
43 100

72 11.2 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.177 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006007.D

Acq: 11 Oct 2018 01:08

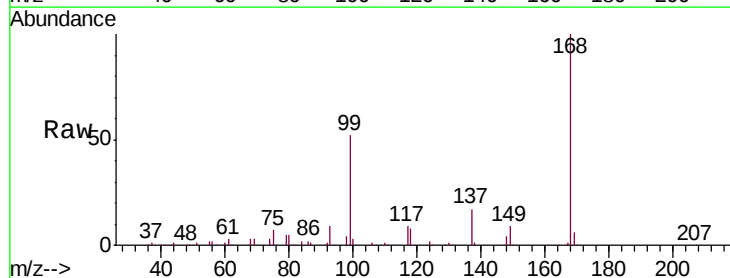
Tgt Ion: 56 Resp: 4451

Ion Ratio Lower Upper

56 100

69 150.5 27.9 41.9#

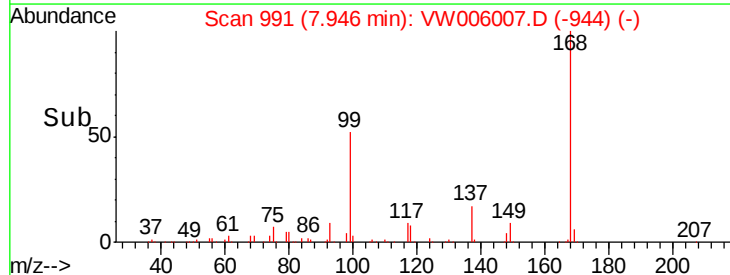
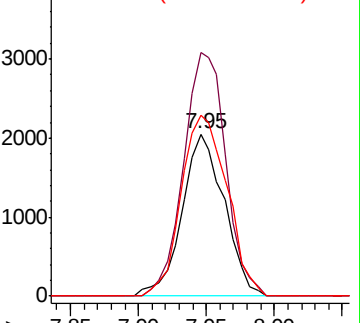
84 111.9 72.3 108.5#

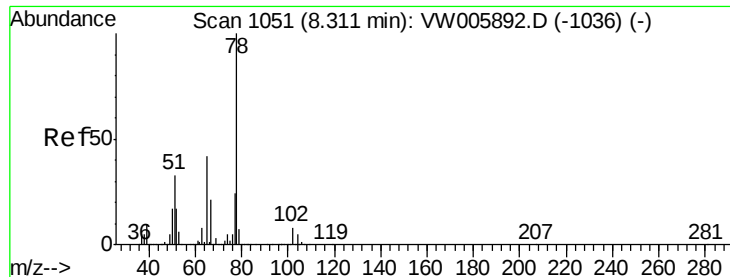


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 52.393 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006007.D

Acq: 11 Oct 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

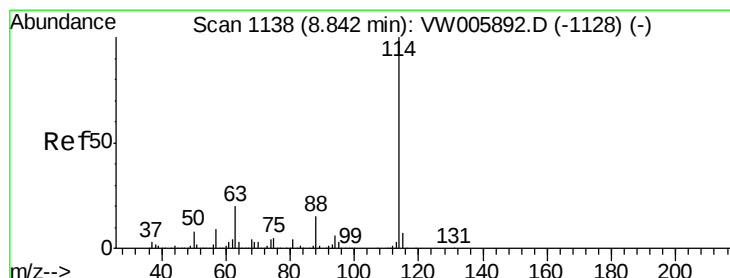
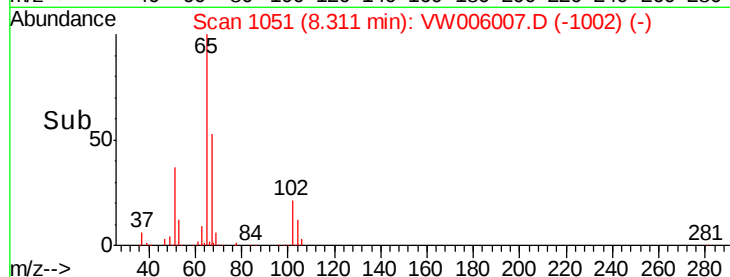
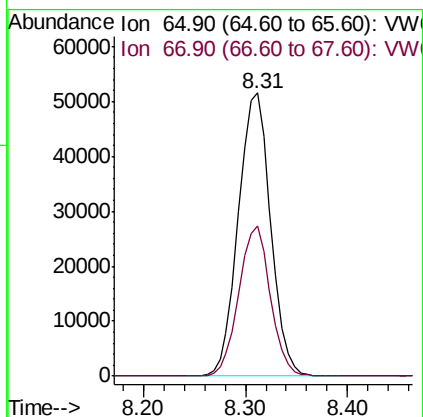
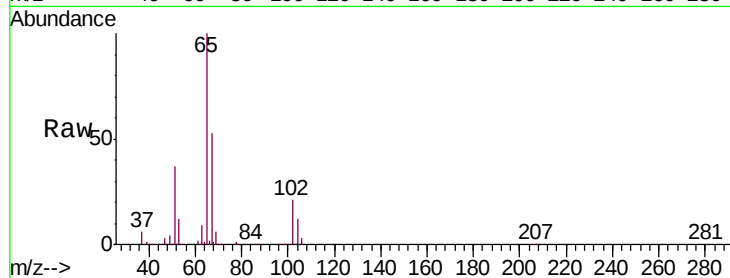
RB37708-7211990-45911RT

Tgt Ion: 65 Resp: 113216

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006007.D

Acq: 11 Oct 2018 01:08

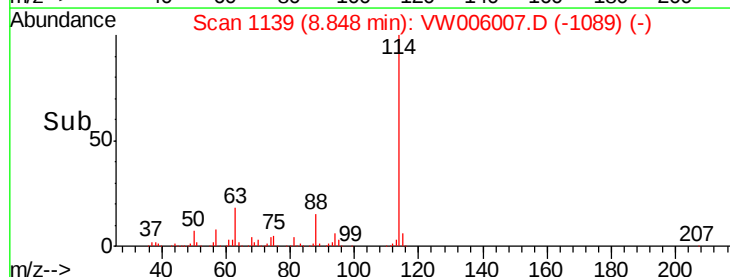
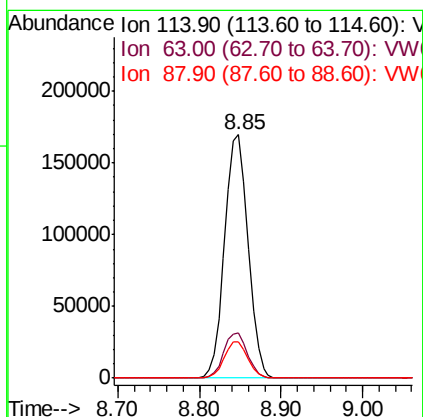
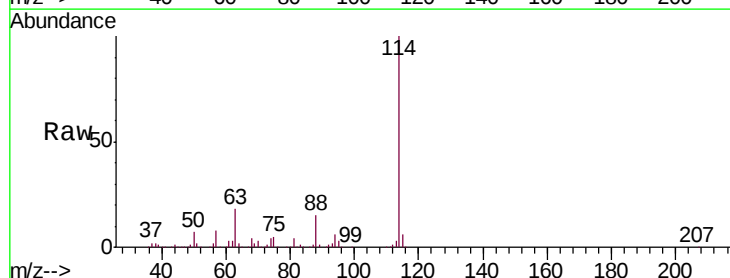
Tgt Ion: 114 Resp: 336147

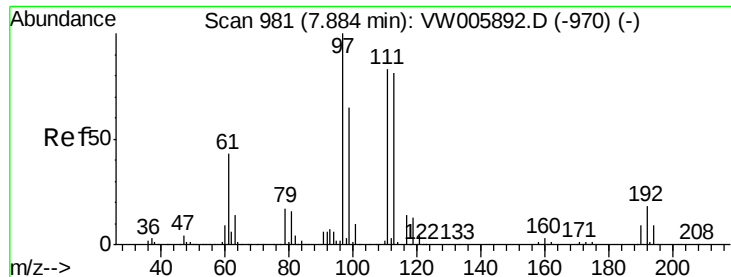
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.821 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW006007.D

Acq: 11 Oct 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

RB37708-7211990-45911RT

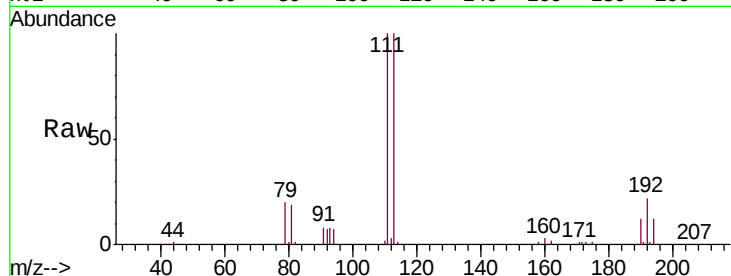
Tgt Ion:113 Resp: 109070

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

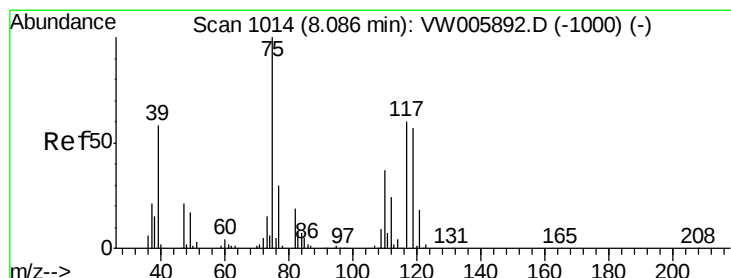
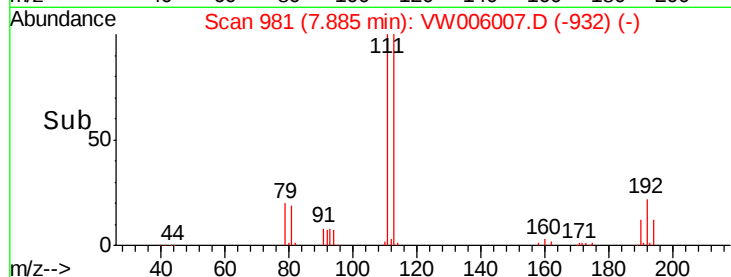
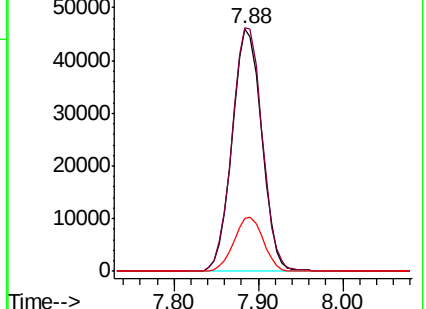
192 22.3 18.3 27.5



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: 4.645 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006007.D

Acq: 11 Oct 2018 01:08

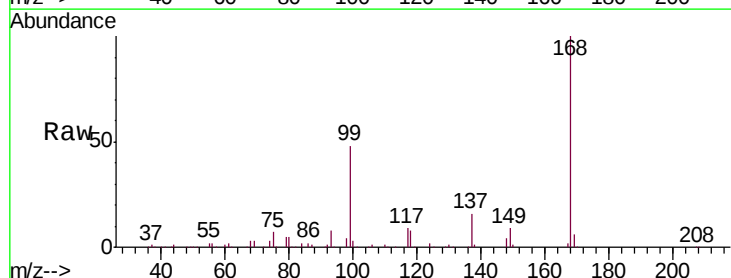
Tgt Ion: 75 Resp: 14961

Ion Ratio Lower Upper

75 100

110 9.3 18.6 56.0#

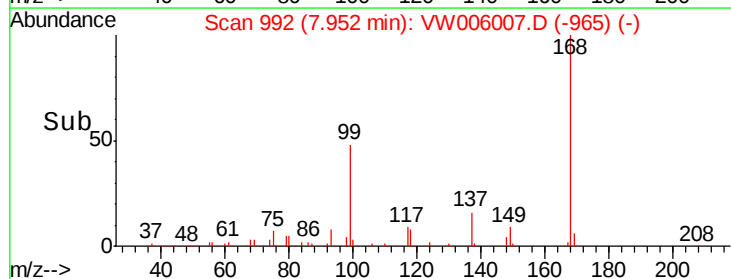
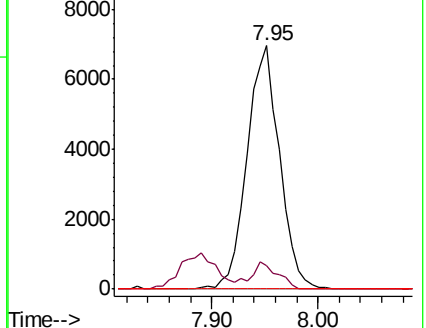
77 0.0 24.7 37.1#

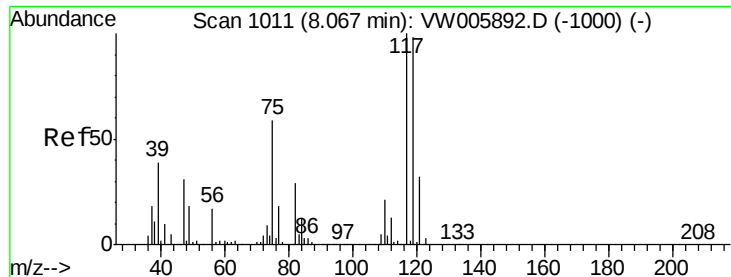


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

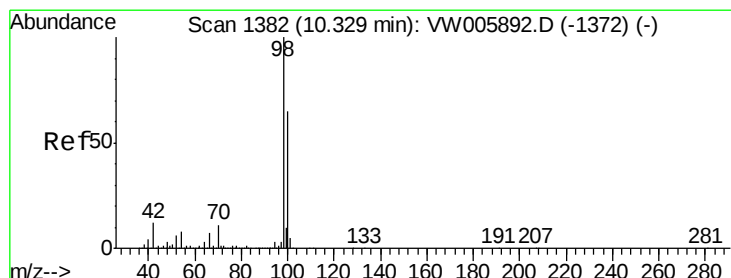
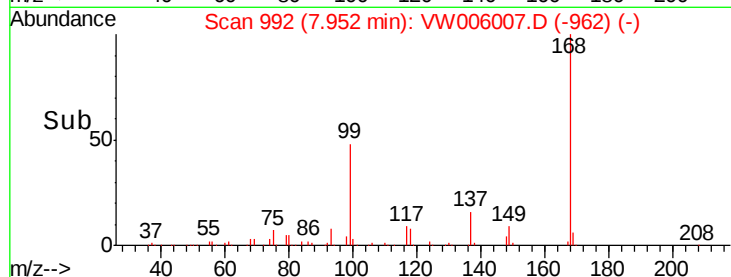
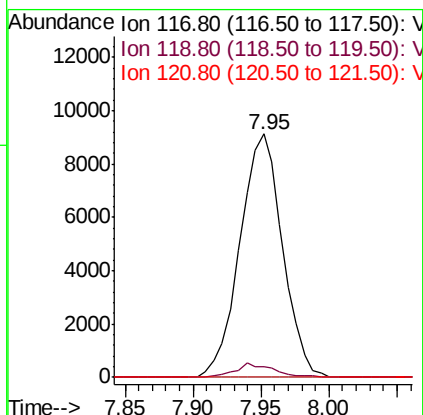
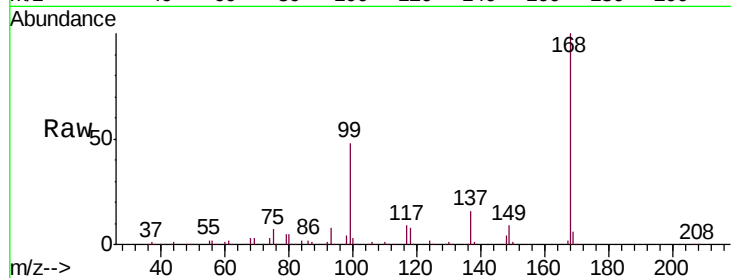




#38
Carbon Tetrachloride
Concen: 5.749 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006007.D
Acq: 11 Oct 2018 01:08

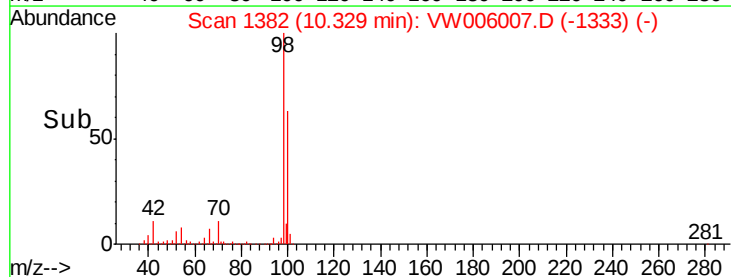
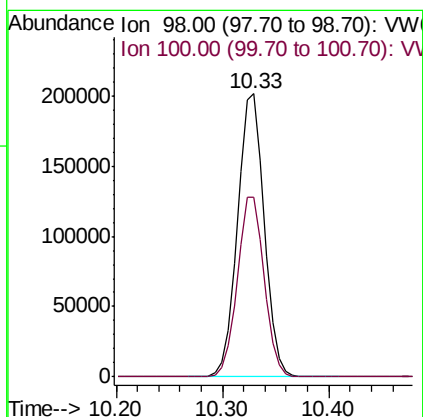
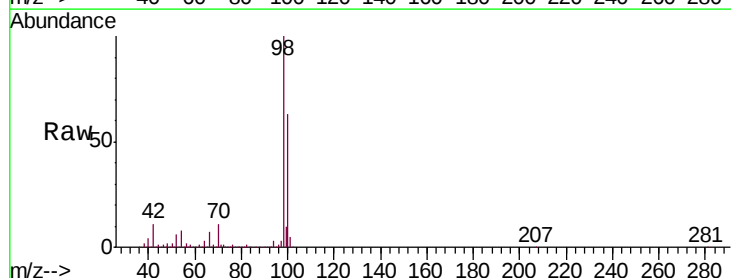
Instrument :
MSVOA_W
ClientSampleId :
RB37708-7211990-45911RT

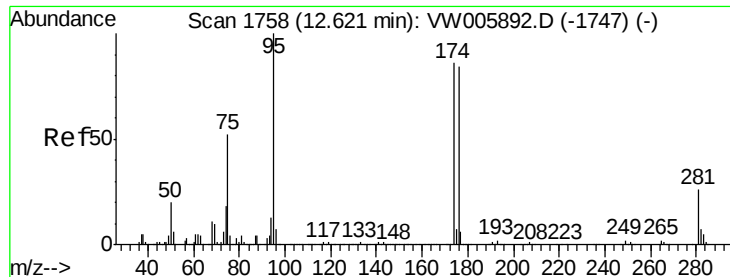
Tgt Ion:117 Resp: 19893
Ion Ratio Lower Upper
117 100
119 4.5 78.6 117.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 43.022 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006007.D
Acq: 11 Oct 2018 01:08

Tgt Ion: 98 Resp: 355237
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 36.434 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006007.D

Acq: 11 Oct 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

RB37708-7211990-45911RT

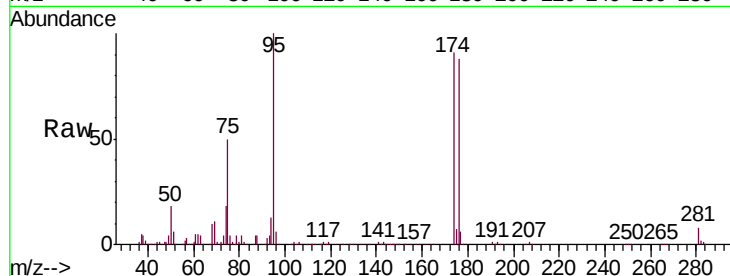
Tgt Ion: 95 Resp: 114459

Ion Ratio Lower Upper

95 100

174 93.3 0.0 176.4

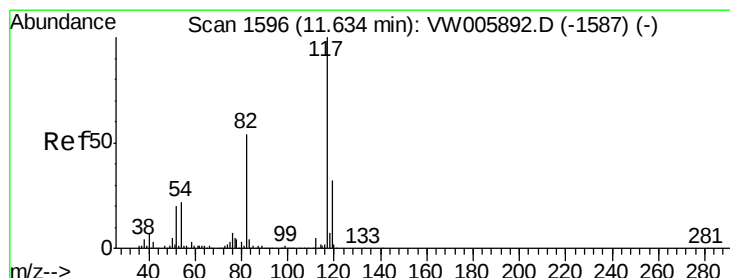
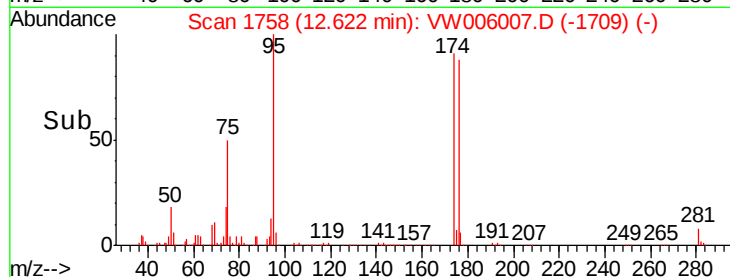
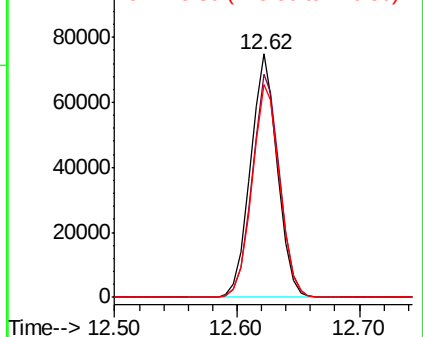
176 90.2 0.0 173.0



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: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006007.D

Acq: 11 Oct 2018 01:08

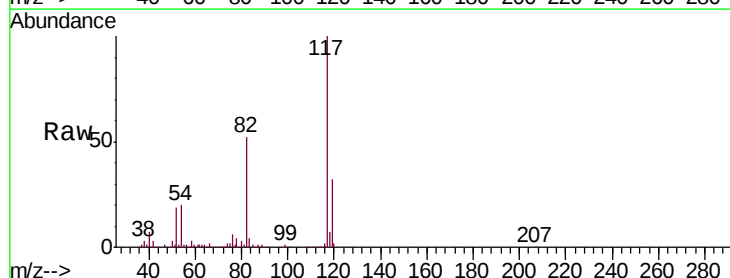
Tgt Ion: 117 Resp: 267490

Ion Ratio Lower Upper

117 100

82 52.2 43.5 65.3

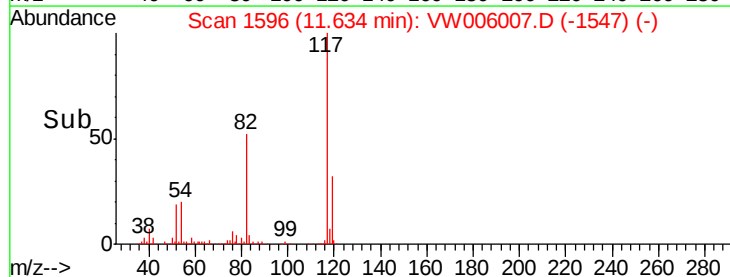
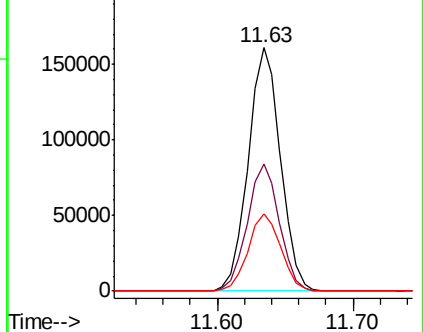
119 31.9 25.4 38.2

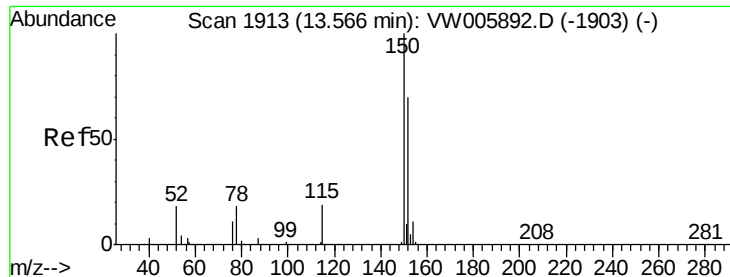


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006007.D

Acq: 11 Oct 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

RB37708-7211990-45911RT

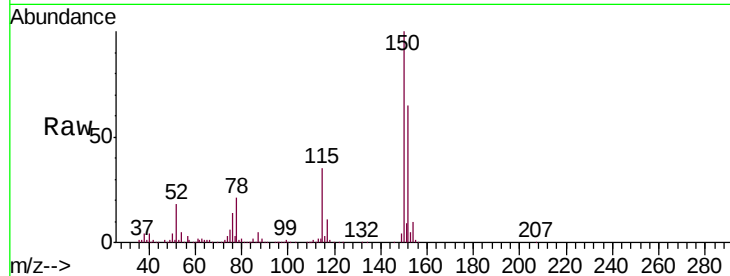
Tgt Ion: 152 Resp: 105068

Ion Ratio Lower Upper

152 100

115 55.2 28.3 85.0

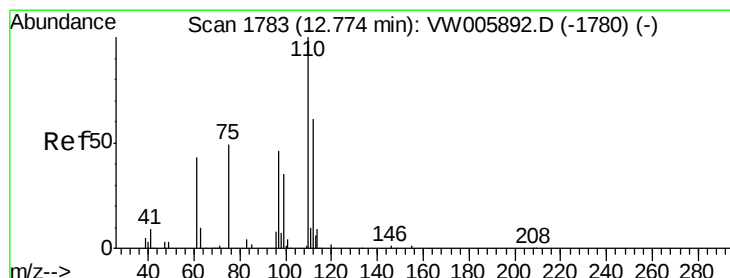
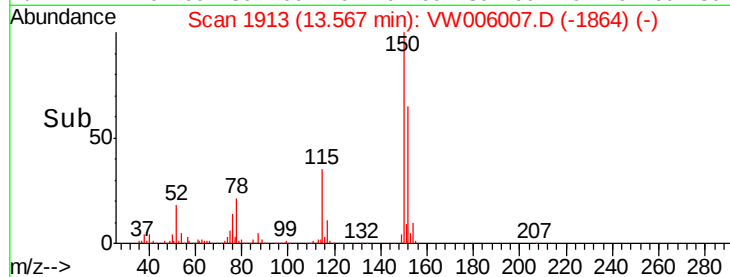
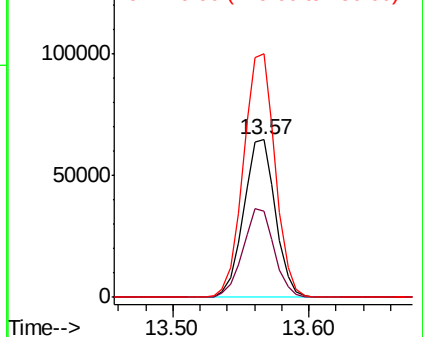
150 154.5 0.0 349.2



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: 61.742 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006007.D

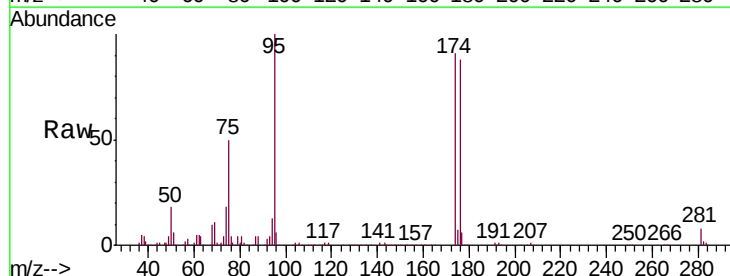
Acq: 11 Oct 2018 01:08

Tgt Ion: 75 Resp: 57948

Ion Ratio Lower Upper

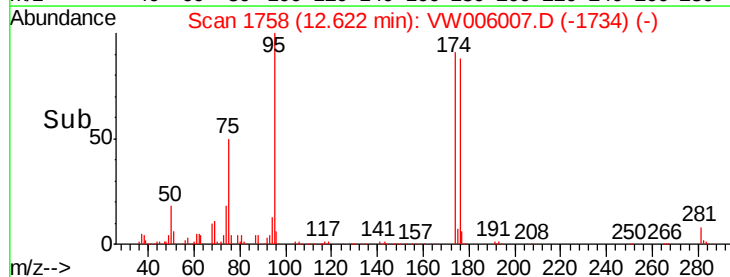
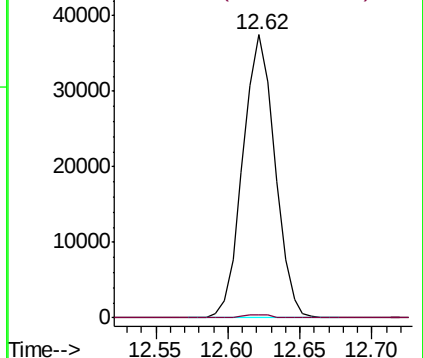
75 100

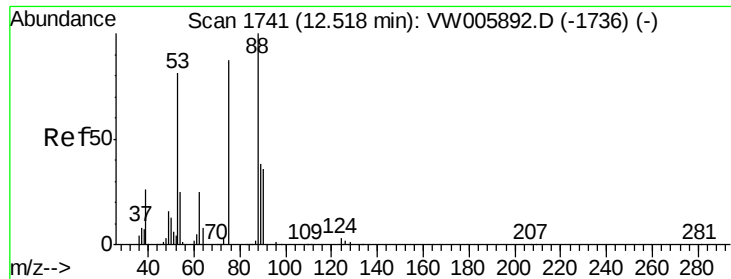
77 1.2 0.0 0.0#



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: 130.345 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006007.D

Acq: 11 Oct 2018 01:08

Instrument :

MSVOA_W

ClientSampleId :

RB37708-7211990-45911RT

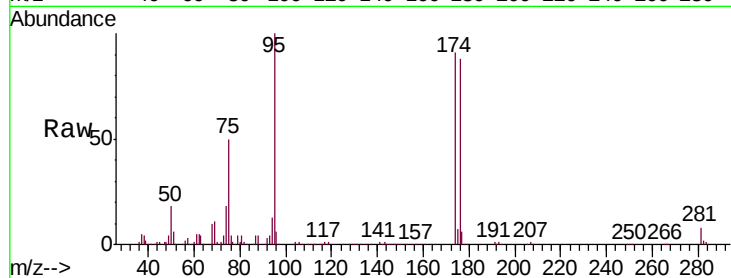
Tgt Ion: 75 Resp: 57948

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.1 37.6 56.4#



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

