

Data File : VW005907.D
Acq On : 08 Oct 2018 20:18
Operator : SY/AP
Sample : J5302-03
Misc : 5.55G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-TW-3-(16.5-17)

Quant Time: Oct 09 06:12:19 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	231031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	182766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	74240	33.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.20%	
35) Dibromofluoromethane	7.89	113	80050	34.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.26%	
50) Toluene-d8	10.33	98	276175	30.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.22%	
62) 4-Bromofluorobenzene	12.62	95	111672	32.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.06%	

Target Compounds

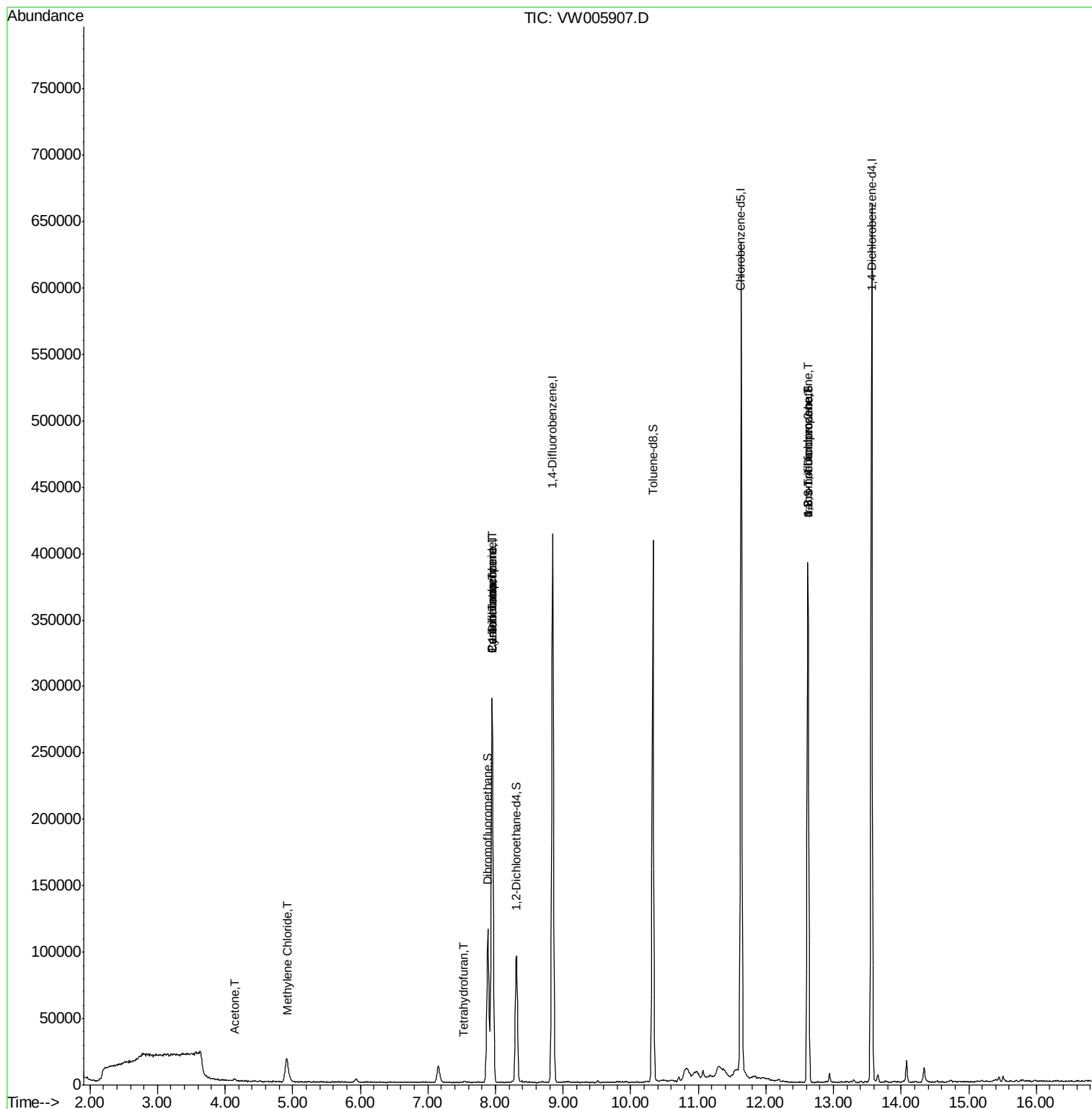
						Qvalue
16) Acetone	4.14	43	2421	5.404	ug/l	97
20) Methylene Chloride	4.92	84	15266	6.802	ug/l	86
29) Tetrahydrofuran	7.53	42	1161	2.882	ug/l #	82
31) Cyclohexane	7.95	56	4530	1.154	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15280	4.341	ug/l #	50
38) Carbon Tetrachloride	7.95	117	21278	5.627	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	56620	34.681	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56620	73.215	ug/l #	11

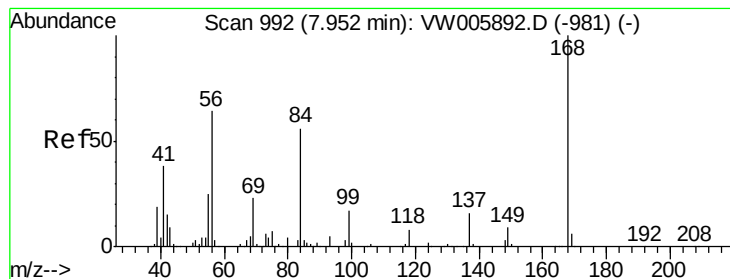
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

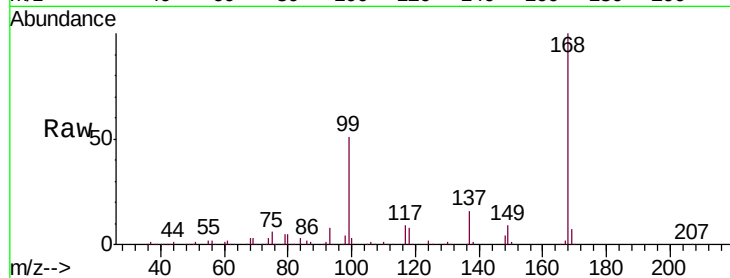
SB-TW-3-(16.5-17)

Tgt Ion:168 Resp: 231031

Ion Ratio Lower Upper

168 100

99 50.7 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

100000

80000

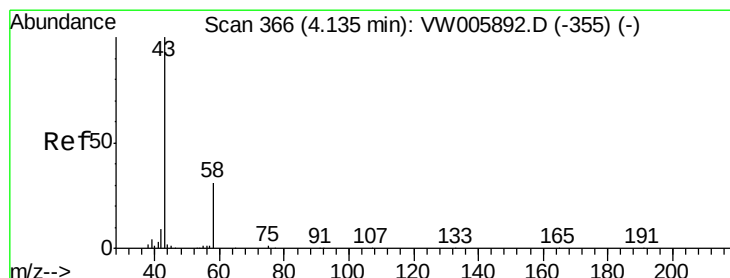
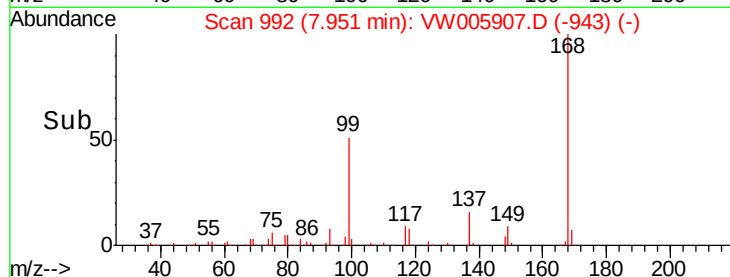
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.404 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005907.D

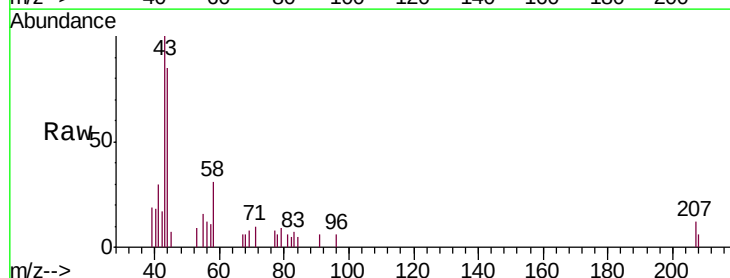
Acq: 08 Oct 2018 20:18

Tgt Ion: 43 Resp: 2421

Ion Ratio Lower Upper

43 100

58 32.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1000

800

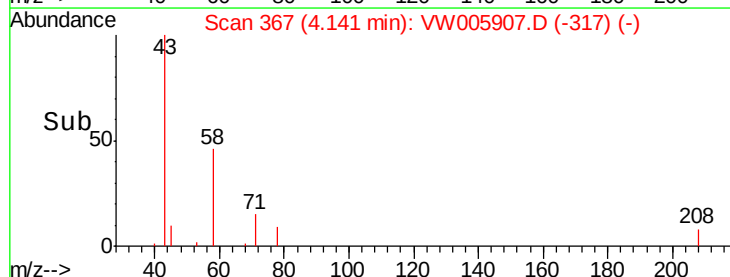
600

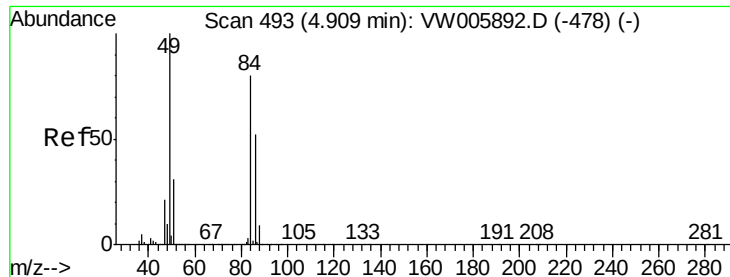
400

200

0

Time-->





#20

Methylene Chloride

Concen: 6.802 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-3-(16.5-17)

Tgt Ion: 84 Resp: 15266

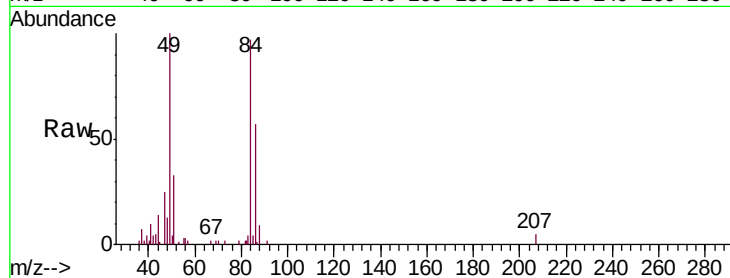
Ion Ratio Lower Upper

84 100

49 102.8 99.9 149.9

51 33.7 31.1 46.7

86 58.7 51.8 77.6

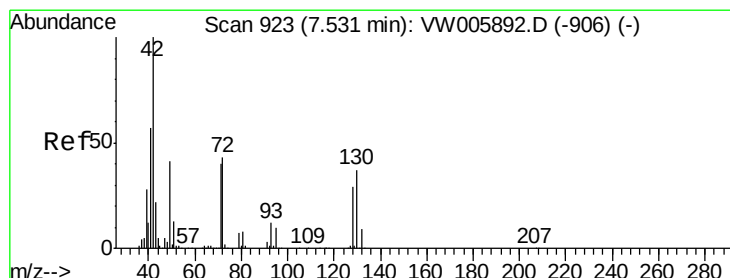
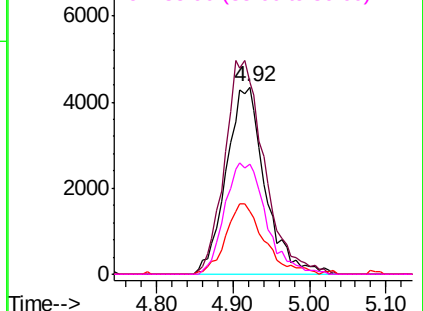
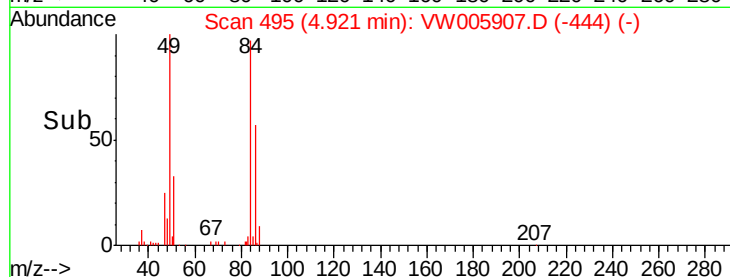


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 2.882 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

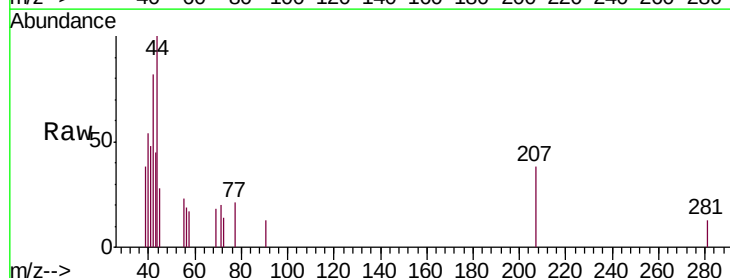
Tgt Ion: 42 Resp: 1161

Ion Ratio Lower Upper

42 100

72 26.4 34.6 51.8#

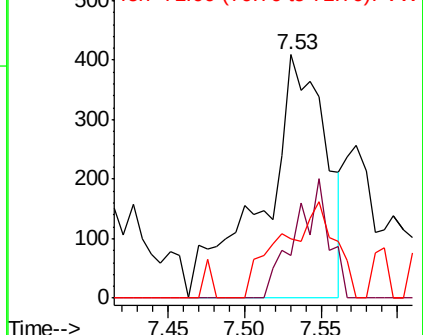
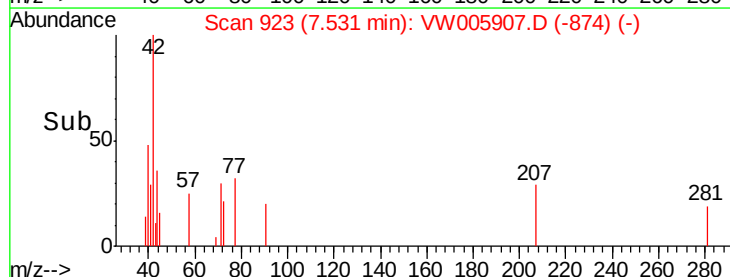
71 34.5 32.6 49.0

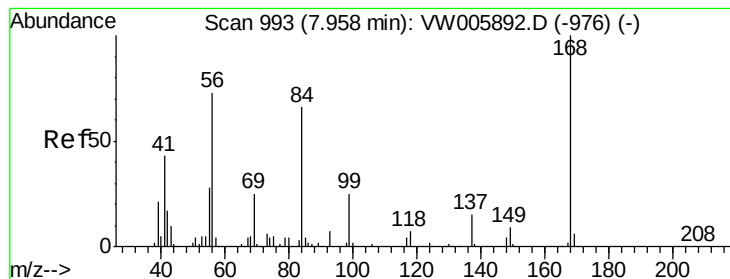


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.154 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-3-(16.5-17)

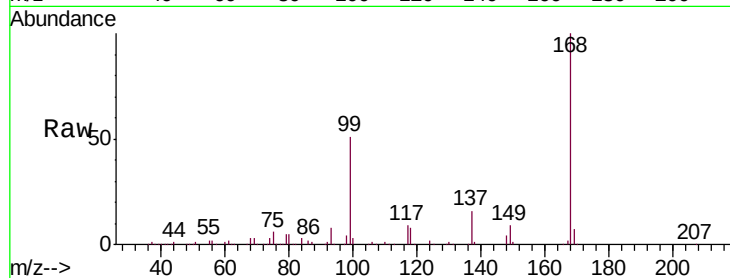
Tgt Ion: 56 Resp: 4530

Ion Ratio Lower Upper

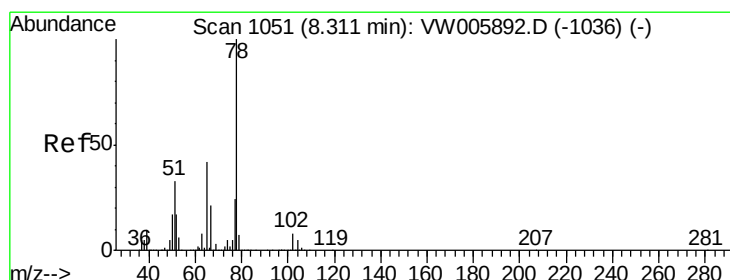
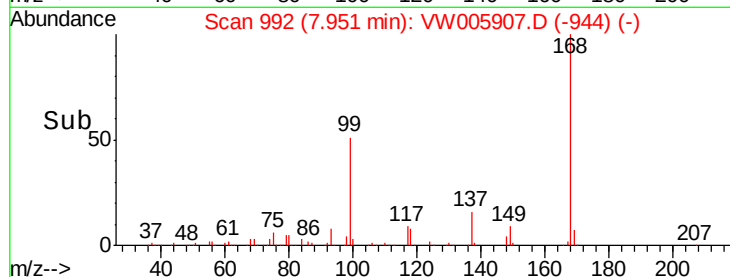
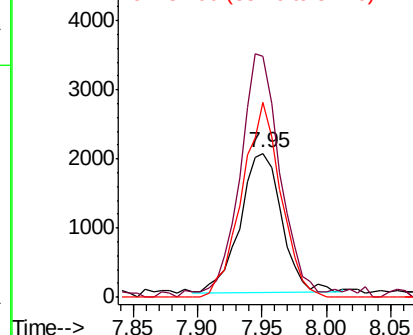
56 100

69 168.8 27.9 41.9#

84 139.6 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: 33.102 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005907.D

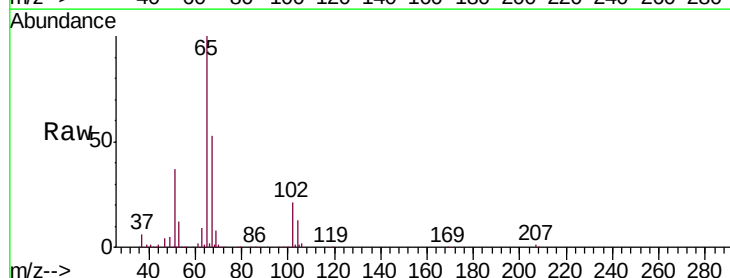
Acq: 08 Oct 2018 20:18

Tgt Ion: 65 Resp: 74240

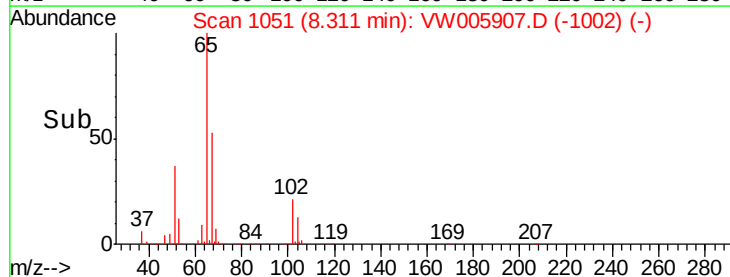
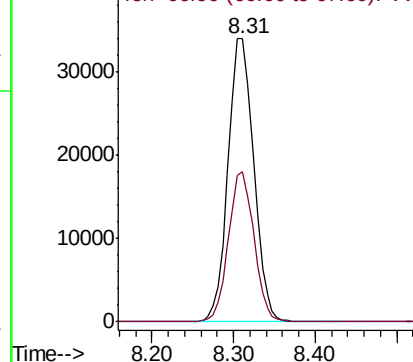
Ion Ratio Lower Upper

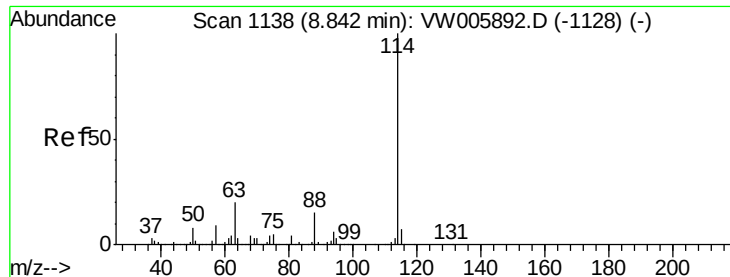
65 100

67 52.8 0.0 104.6



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

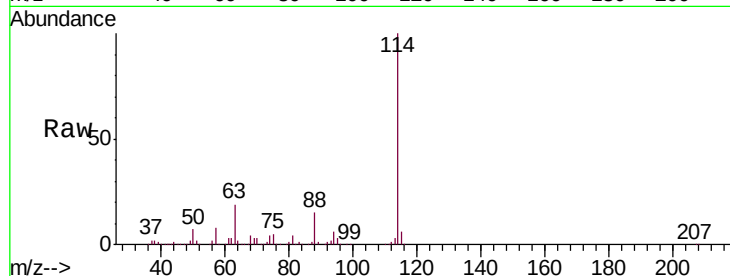




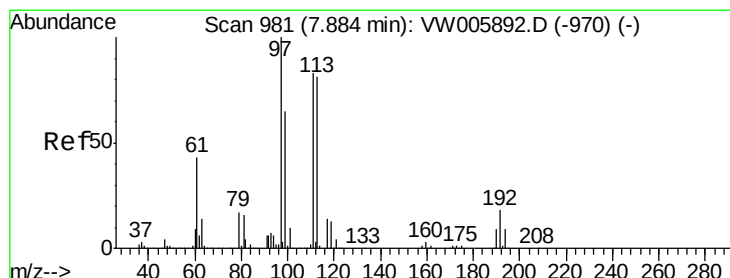
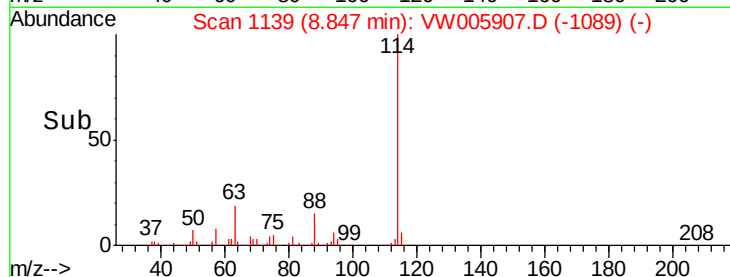
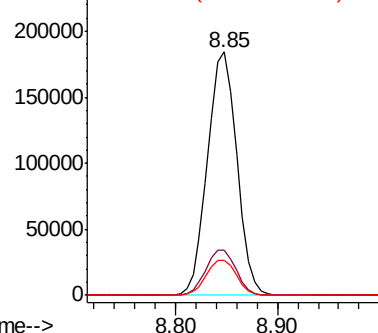
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005907.D
 Acq: 08 Oct 2018 20:18

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-3-(16.5-17)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.2
88	14.5	0.0	30.8

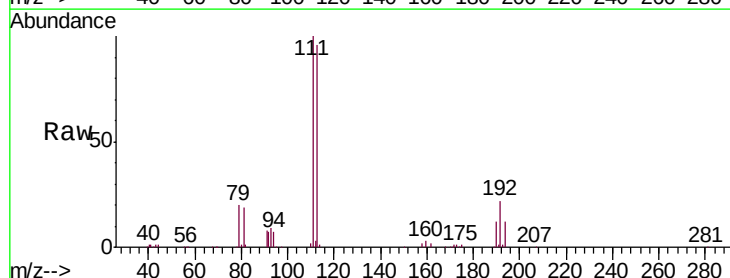


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

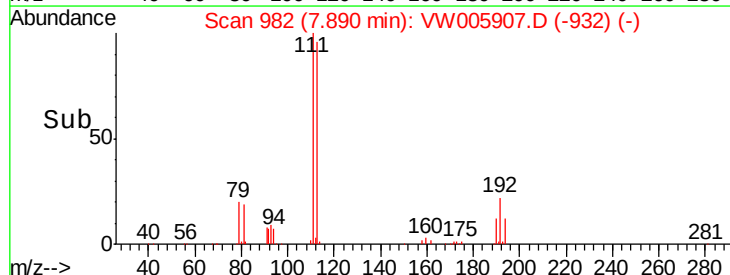
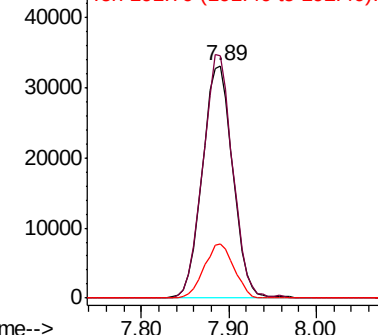


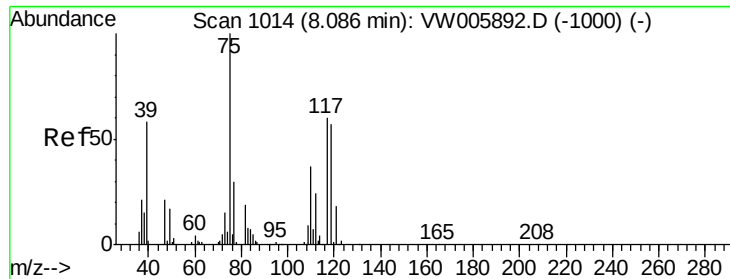
#35
 Dibromofluoromethane
 Concen: 34.133 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005907.D
 Acq: 08 Oct 2018 20:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.1	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

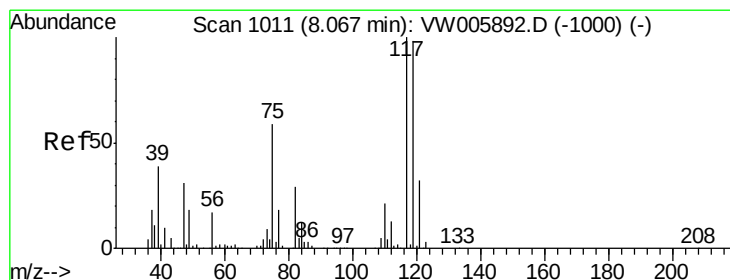
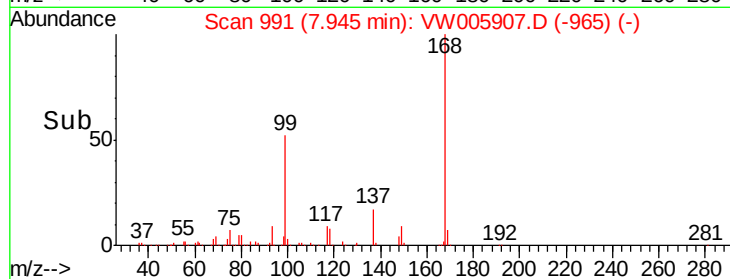
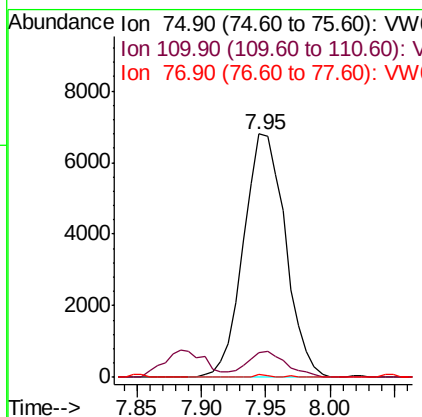
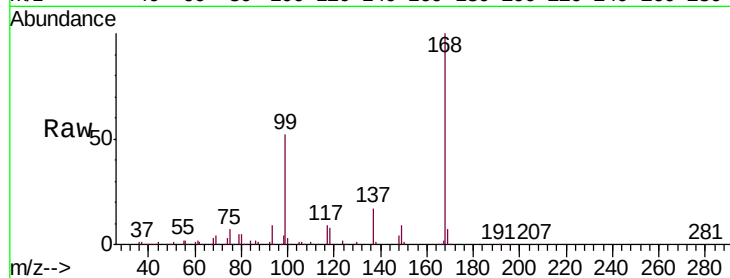




#36
 1,1-Dichloropropene
 Concen: 4.341 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005907.D
 Acq: 08 Oct 2018 20:18

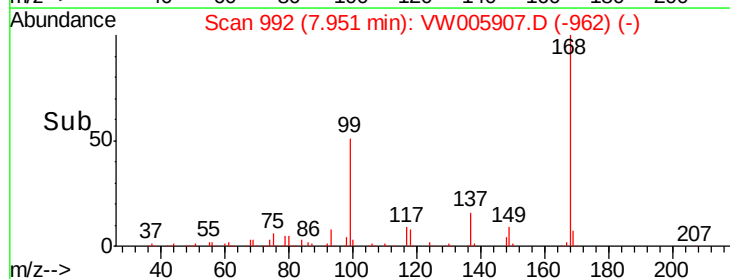
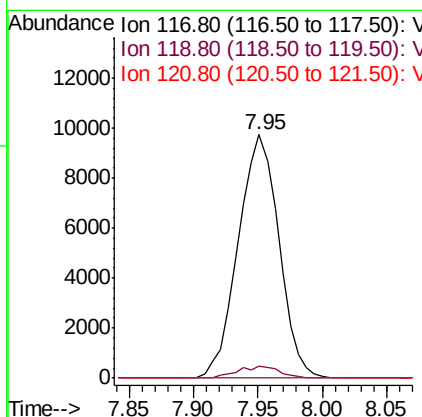
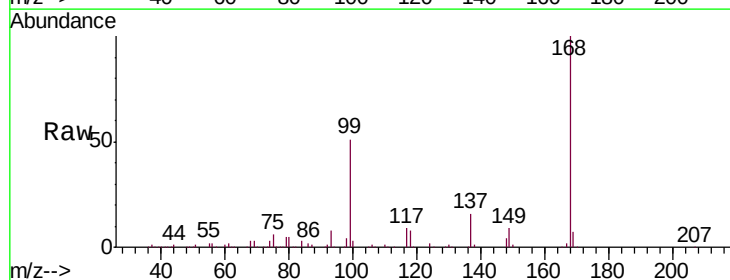
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-3-(16.5-17)

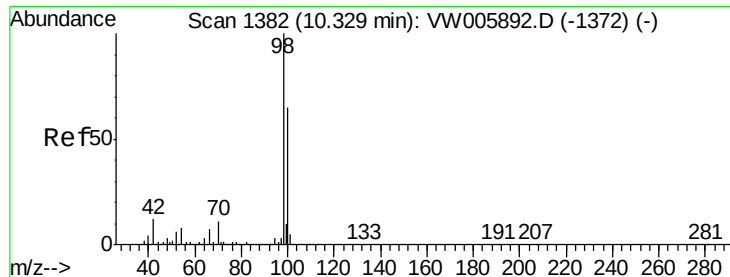
Tgt Ion: 75 Resp: 15280
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.6 56.0#
 77 0.3 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.627 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005907.D
 Acq: 08 Oct 2018 20:18

Tgt Ion: 117 Resp: 21278
 Ion Ratio Lower Upper
 117 100
 119 4.7 78.6 117.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 30.608 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

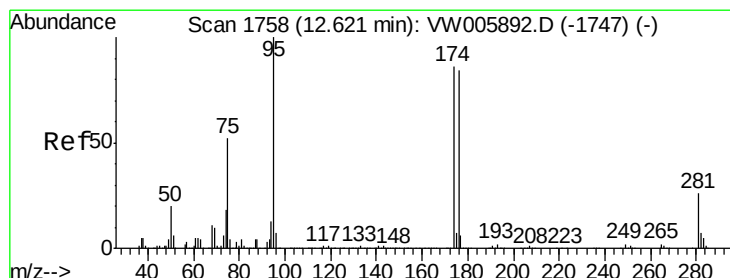
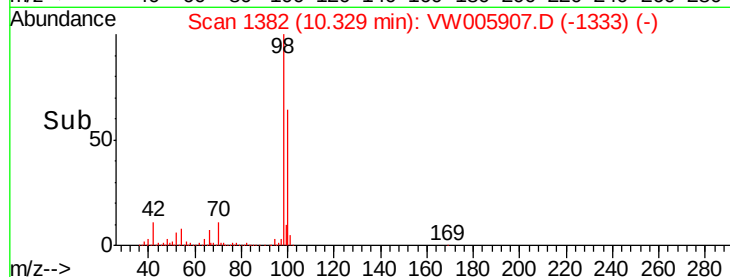
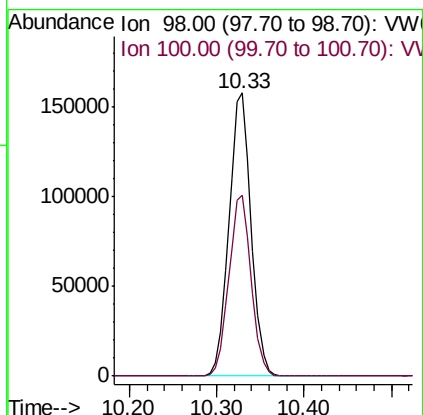
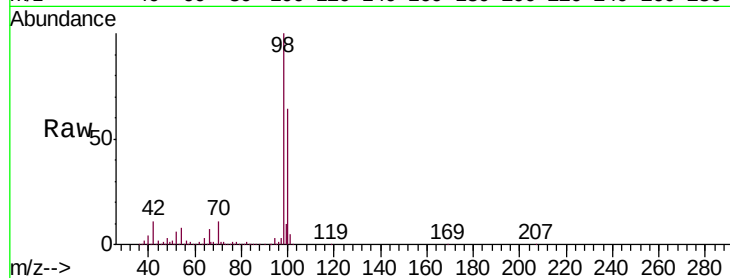
SB-TW-3-(16.5-17)

Tgt Ion: 98 Resp: 276175

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 32.529 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

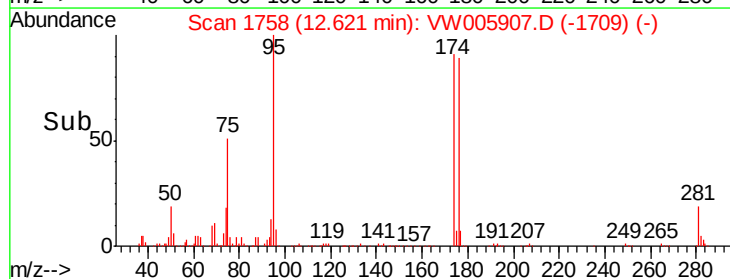
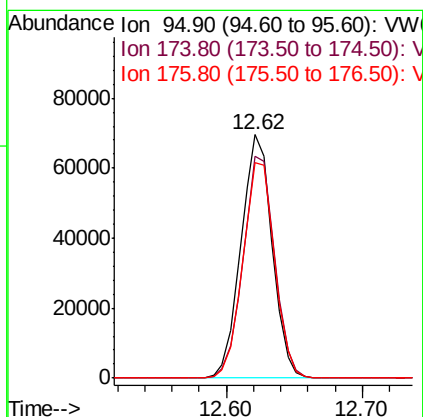
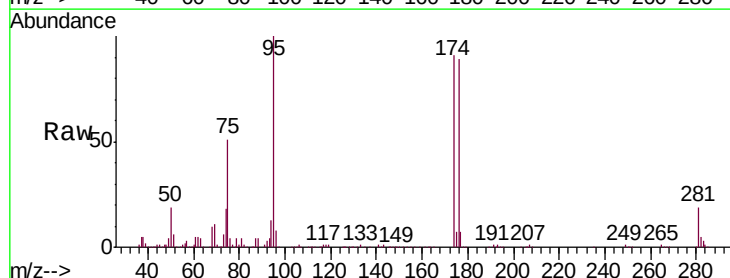
Tgt Ion: 95 Resp: 111672

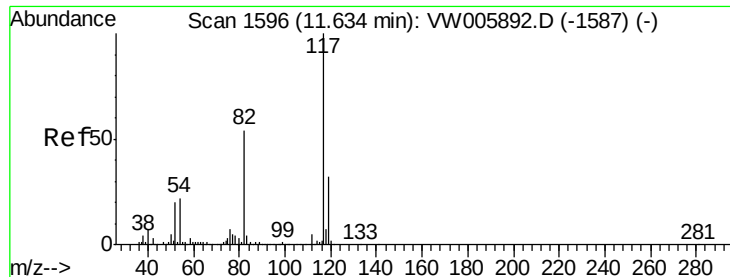
Ion Ratio Lower Upper

95 100

174 92.0 0.0 176.4

176 90.2 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-3-(16.5-17)

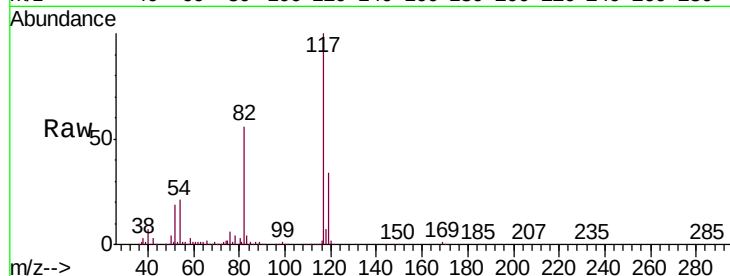
Tgt Ion:117 Resp: 344263

Ion Ratio Lower Upper

117 100

82 55.5 43.5 65.3

119 33.2 25.4 38.2

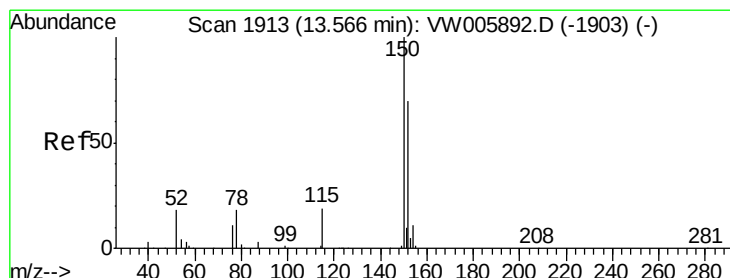
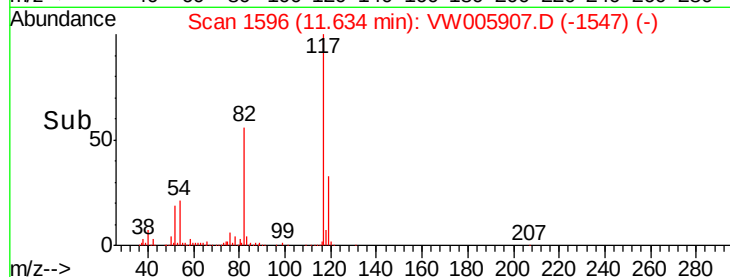
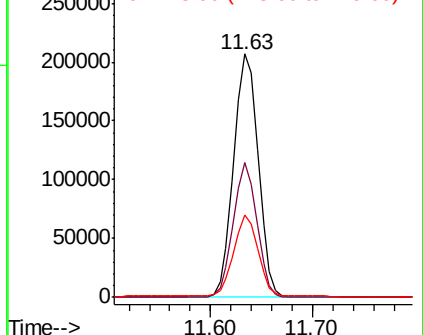


Abundance

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: VW005907.D

Acq: 08 Oct 2018 20:18

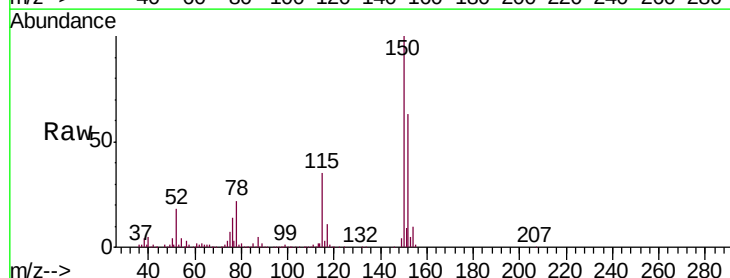
Tgt Ion:152 Resp: 182766

Ion Ratio Lower Upper

152 100

115 55.8 28.3 85.0

150 157.3 0.0 349.2

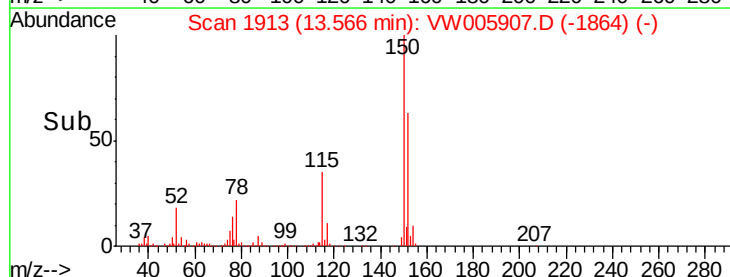
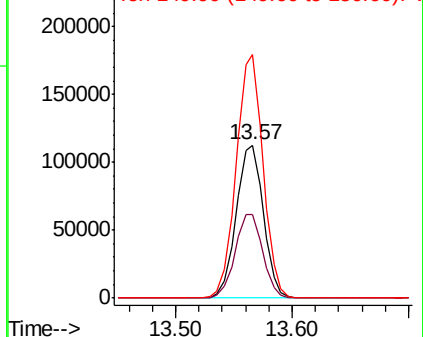


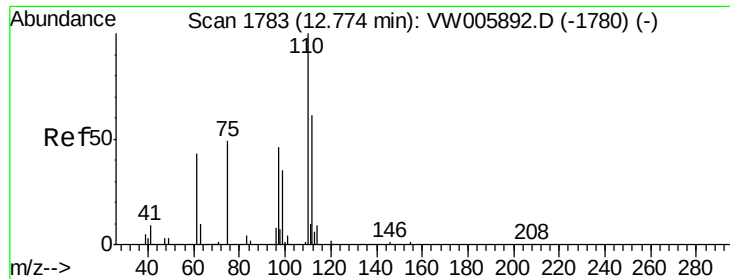
Abundance

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: 34.681 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

Instrument :

MSVOA_W

ClientSampleId :

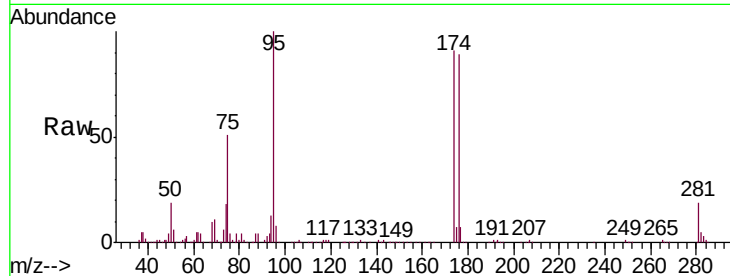
SB-TW-3-(16.5-17)

Tgt Ion: 75 Resp: 56620

Ion Ratio Lower Upper

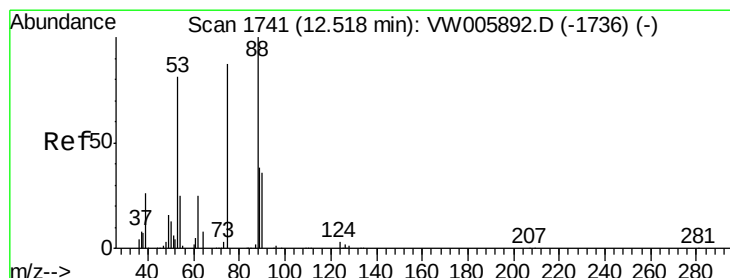
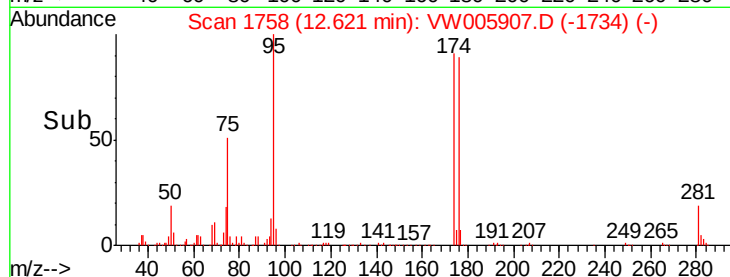
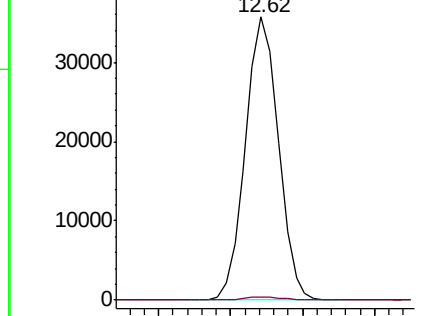
75 100

77 1.4 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: 73.215 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005907.D

Acq: 08 Oct 2018 20:18

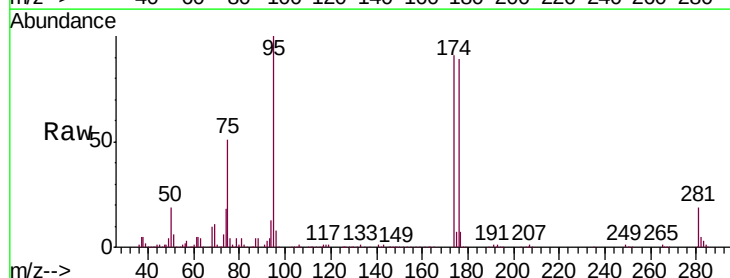
Tgt Ion: 75 Resp: 56620

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 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

