

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006508.D
 Acq On : 30 Oct 2018 18:01
 Operator : SY/AP
 Sample : J5649-01
 Misc : 5.40G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-01A

Quant Time: Oct 31 03:49:56 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

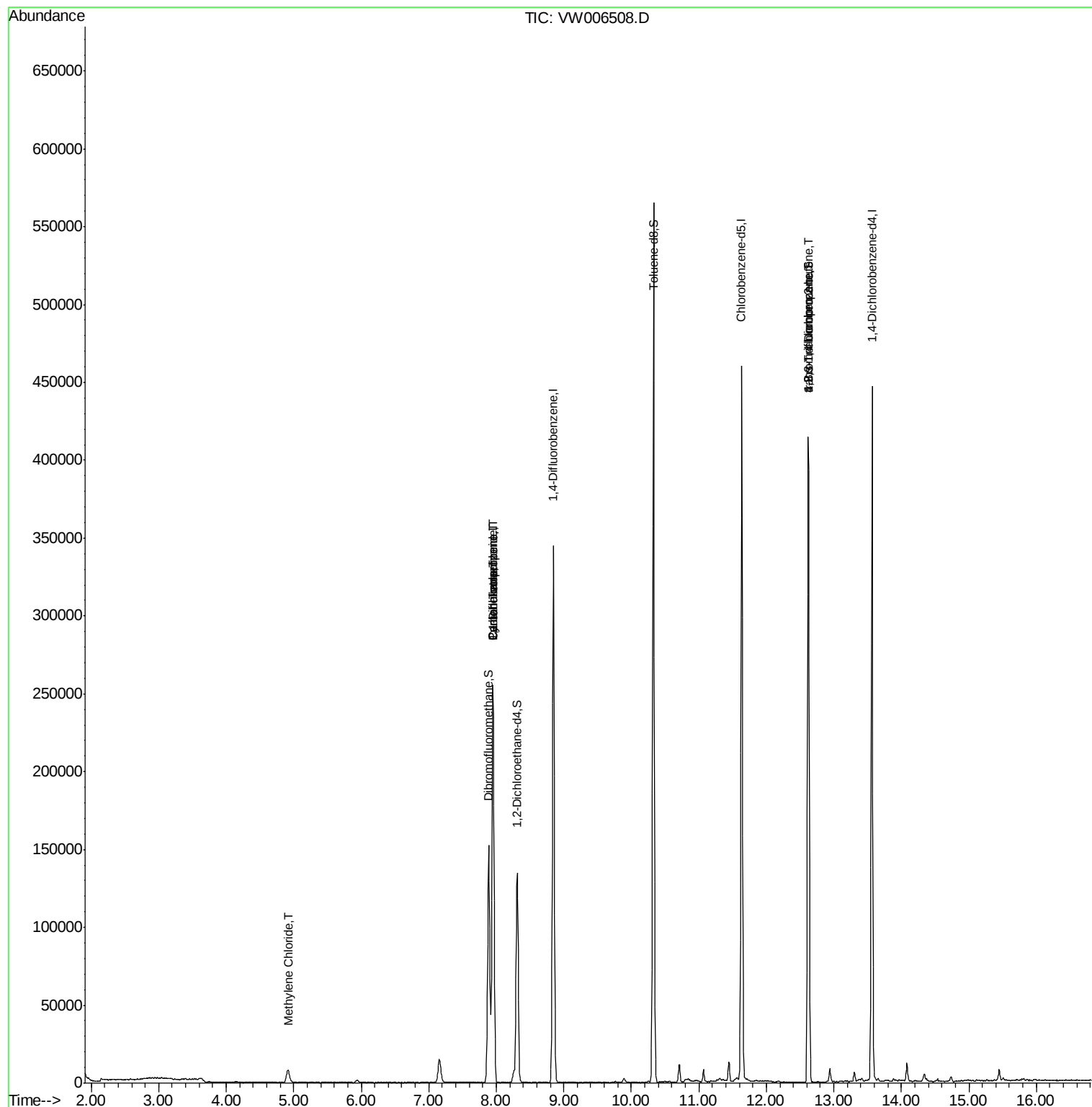
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	306581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	127887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	106401	61.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.72%	
35) Dibromofluoromethane	7.89	113	105514	58.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.48%	
50) Toluene-d8	10.33	98	378971	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
62) 4-Bromofluorobenzene	12.62	95	123106	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
Target Compounds						
16) Acetone	4.15	43	1154	Below Cal		90
20) Methylene Chloride	4.91	84	6829	2.165 ug/l		90
31) Cyclohexane	7.95	56	3598	1.134 ug/l #		1
36) 1,1-Dichloropropene	7.95	75	13135	4.648 ug/l #		49
38) Carbon Tetrachloride	7.95	117	17993	5.808 ug/l #		17
76) 1,2,3-Trichloropropane	12.62	75	61485	62.945 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	61485	150.463 ug/l #		10

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

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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: VW006508.D

Acq: 30 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

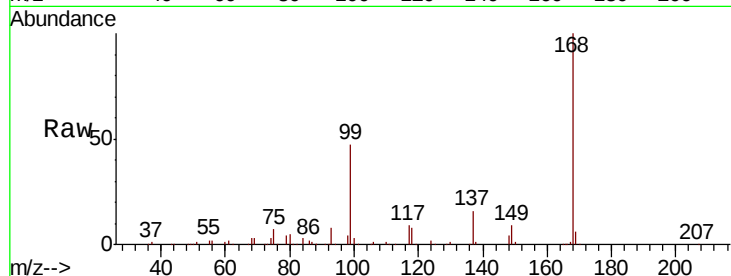
DL-01A

Tot Ion:168 Resp: 209147

Ion Ratio Lower Upper

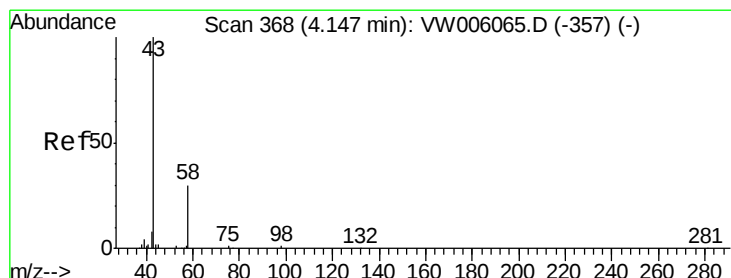
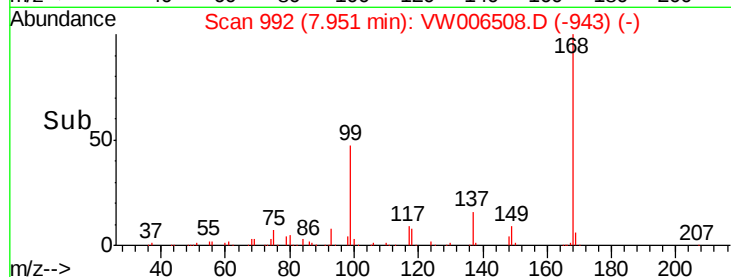
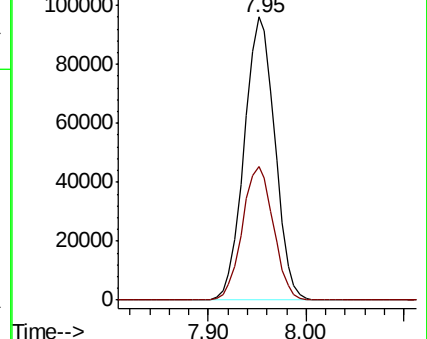
168 100

99 47.3 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: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006508.D

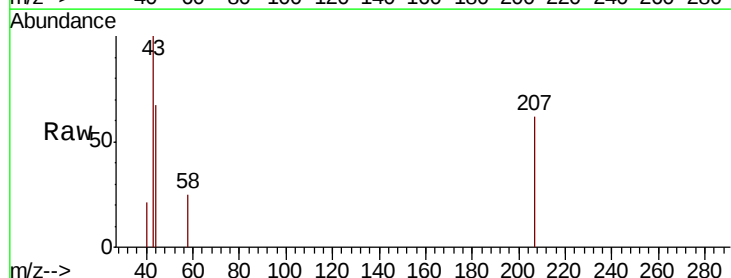
Acq: 30 Oct 2018 18:01

Tgt Ion: 43 Resp: 1154

Ion Ratio Lower Upper

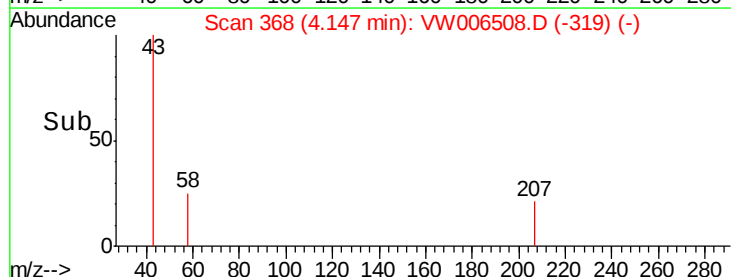
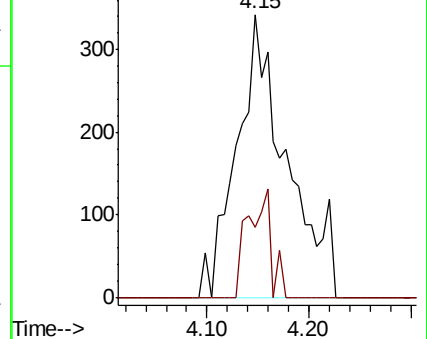
43 100

58 24.8 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: 2.165 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006508.D

Acq: 30 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

DL-01A

Tot Ion: 84 Resp: 6829

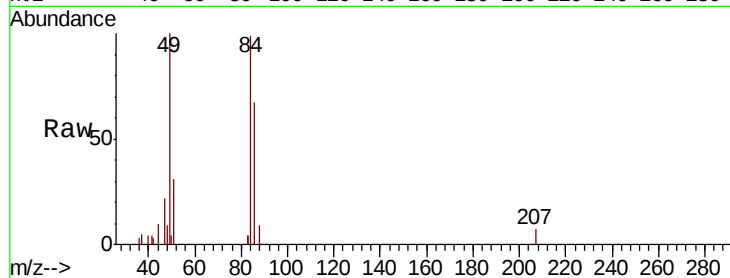
Ion Ratio Lower Upper

84 100

49 101.4 93.6 140.4

51 31.3 29.0 43.4

86 68.0 52.6 79.0

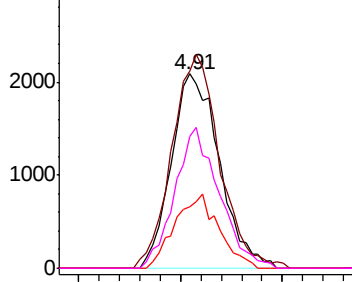


Abundance Ion 83.90 (83.60 to 84.60): VW

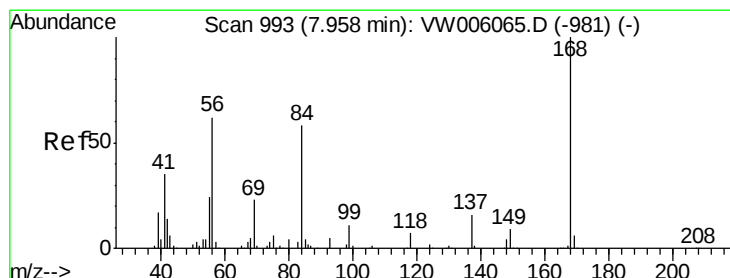
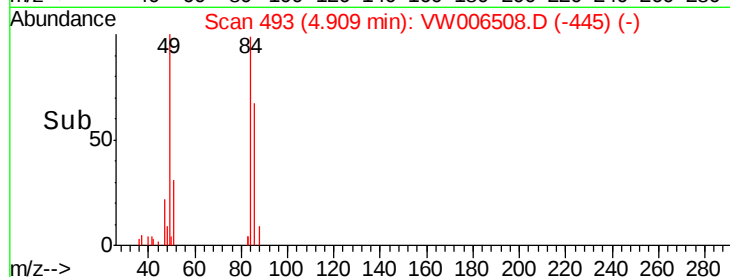
Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time--> 4.80 4.90 5.00



#31

Cyclohexane

Concen: 1.134 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006508.D

Acq: 30 Oct 2018 18:01

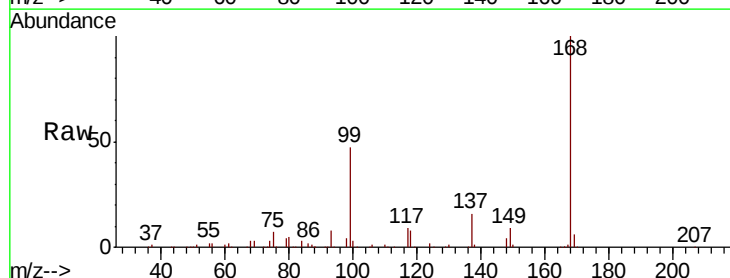
Tgt Ion: 56 Resp: 3598

Ion Ratio Lower Upper

56 100

69 169.5 29.4 44.0#

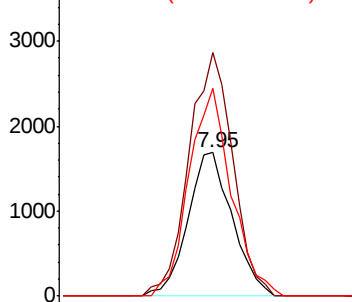
84 144.5 74.0 111.0#



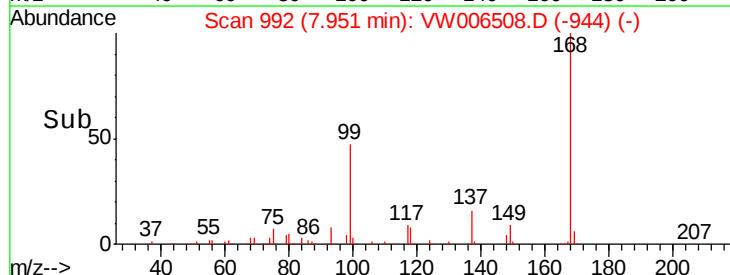
Abundance Ion 56.00 (55.70 to 56.70): VW

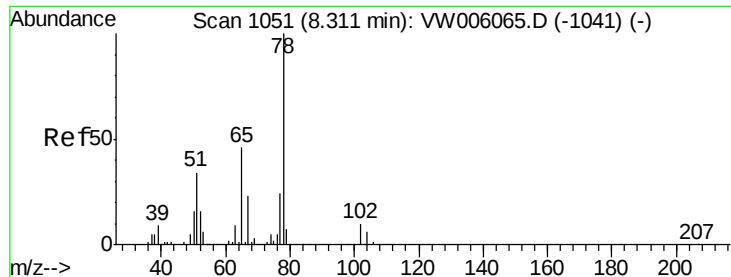
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time--> 7.85 7.90 7.95 8.00





#33

1,2-Dichloroethane-d4

Concen: 61.364 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006508.D

Acq: 30 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampled :

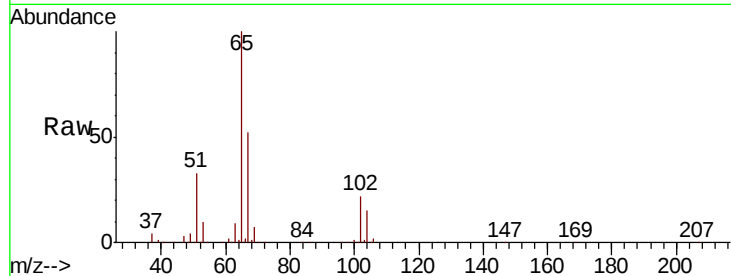
DL-01A

Tot Ion: 65 Resp: 106401

Ion Ratio Lower Upper

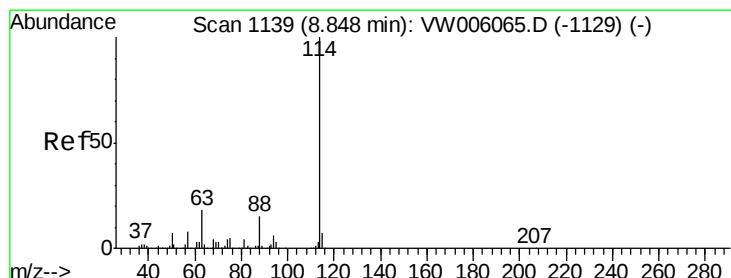
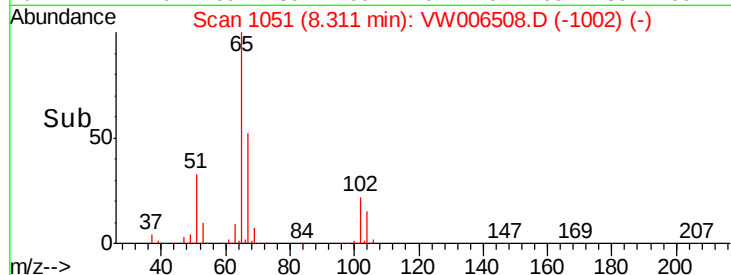
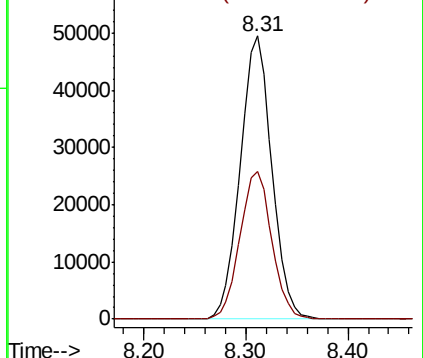
65 100

67 52.7 0.0 101.0



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. -0.00 min

Lab File: VW006508.D

Acq: 30 Oct 2018 18:01

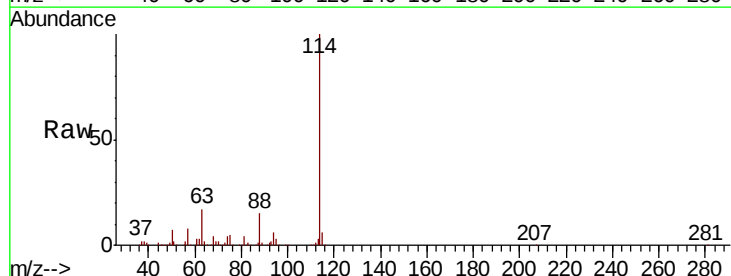
Tgt Ion: 114 Resp: 306581

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.8

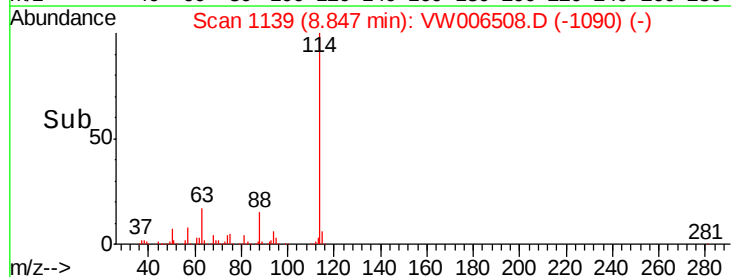
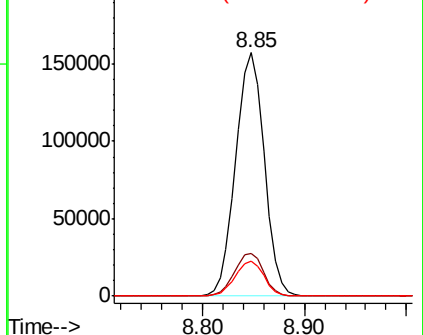
88 14.5 0.0 29.0



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: 58.244 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006508.D

Acq: 30 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

DL-01A

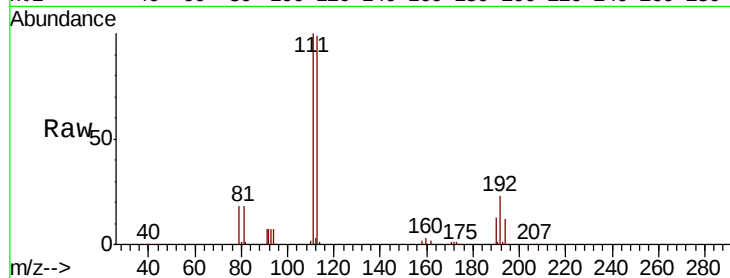
Tot Ion:113 Resp: 105514

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

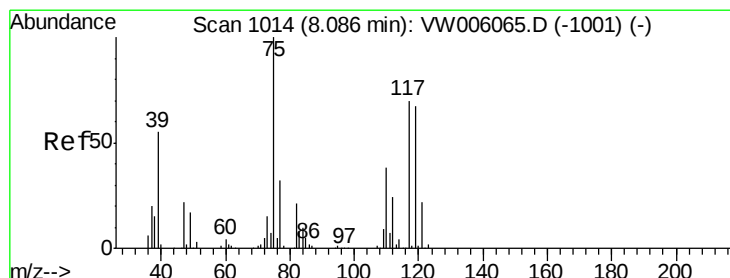
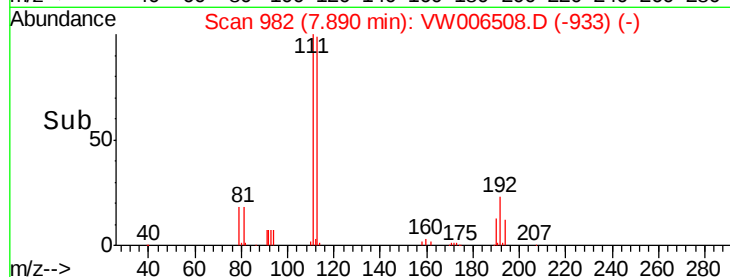
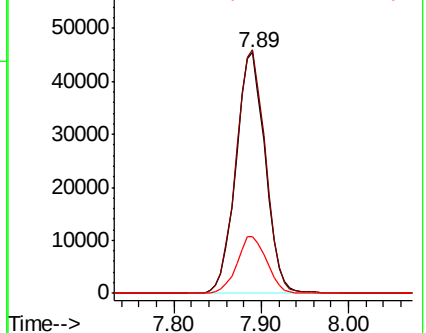
192 23.8 18.7 28.1



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: 4.648 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006508.D

Acq: 30 Oct 2018 18:01

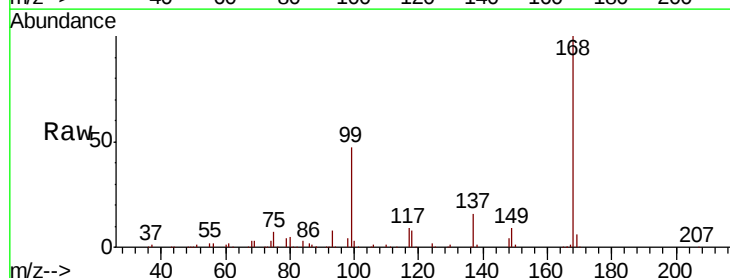
Tgt Ion: 75 Resp: 13135

Ion Ratio Lower Upper

75 100

110 10.3 19.1 57.1#

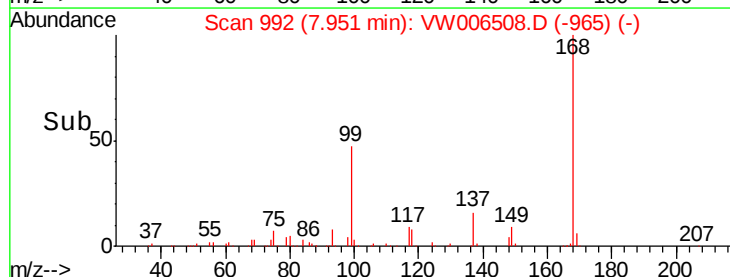
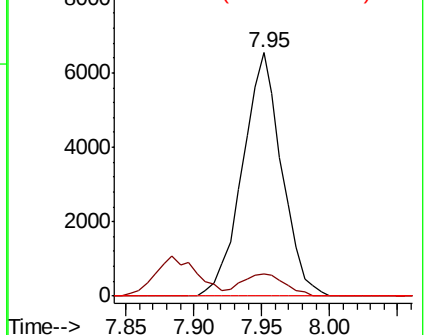
77 0.0 25.0 37.4#

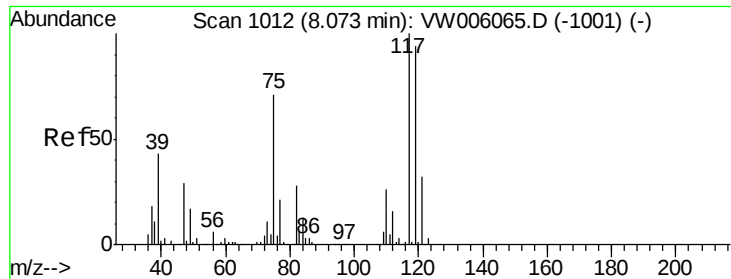


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

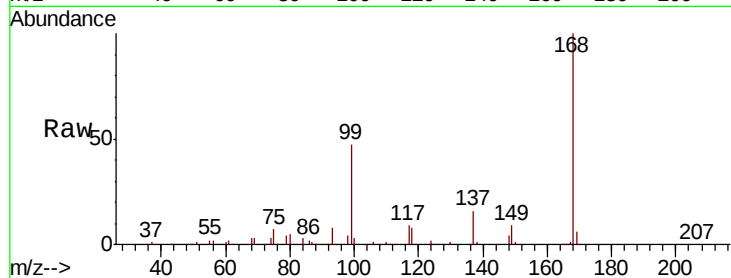




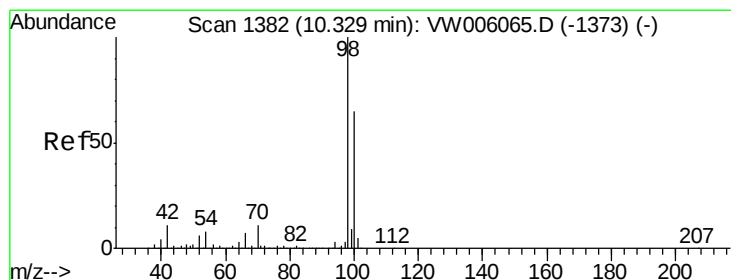
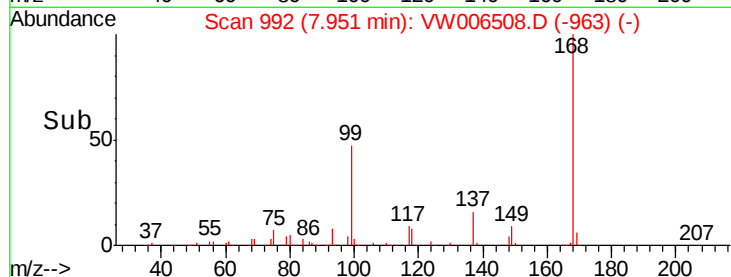
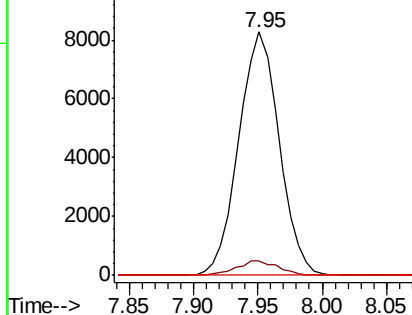
#38
Carbon Tetrachloride
Concen: 5.808 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006508.D
Acq: 30 Oct 2018 18:01

Instrument :
MSVOA_W
ClientSampled :
DL-01A

Tot Ion:117 Resp: 17993
Ion Ratio Lower Upper
117 100
119 5.7 75.2 112.8#
121 0.0 25.3 37.9#

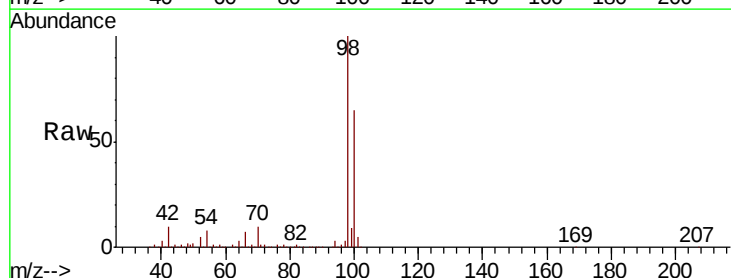


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

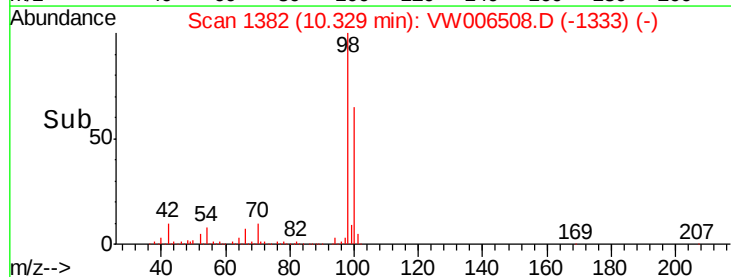
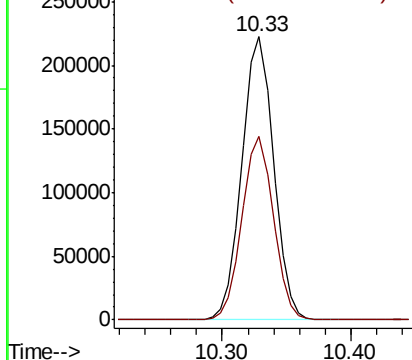


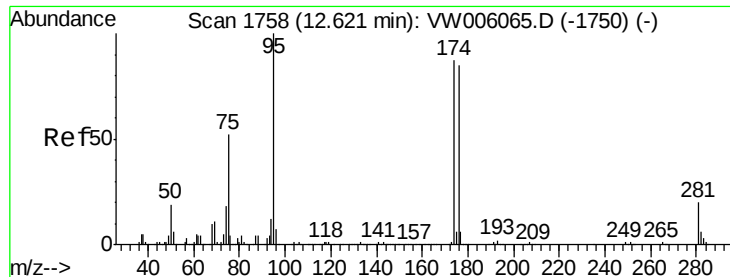
#50
Toluene-d8
Concen: 54.986 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006508.D
Acq: 30 Oct 2018 18:01

Tgt Ion: 98 Resp: 378971
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.557 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006508.D

Acq: 30 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

DL-01A

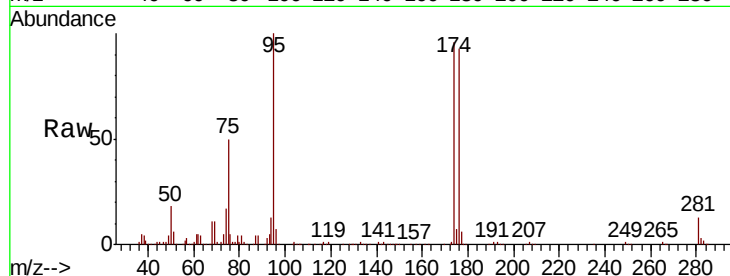
Tot Ion: 95 Resp: 123106

Ion Ratio Lower Upper

95 100

174 99.5 0.0 186.0

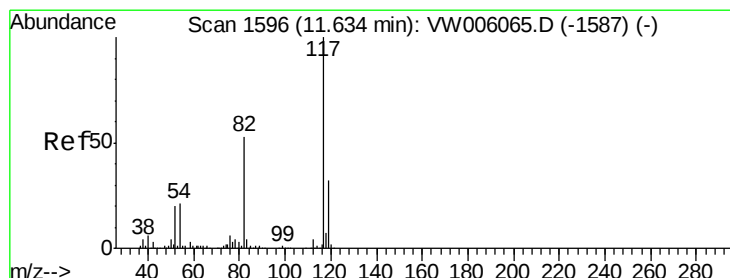
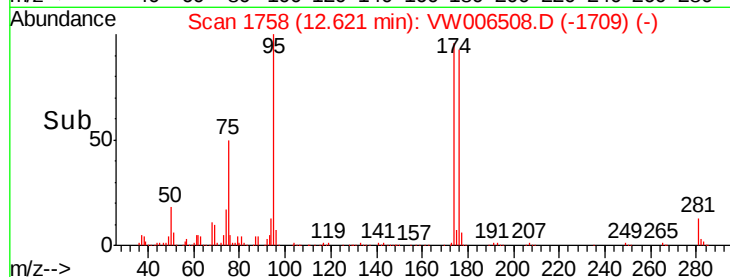
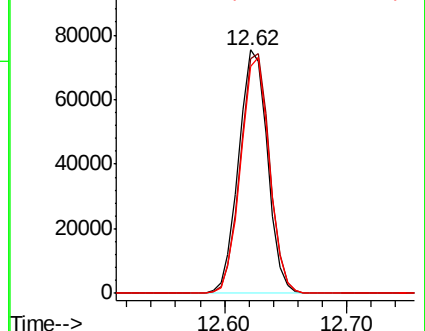
176 96.2 0.0 181.6



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006508.D

Acq: 30 Oct 2018 18:01

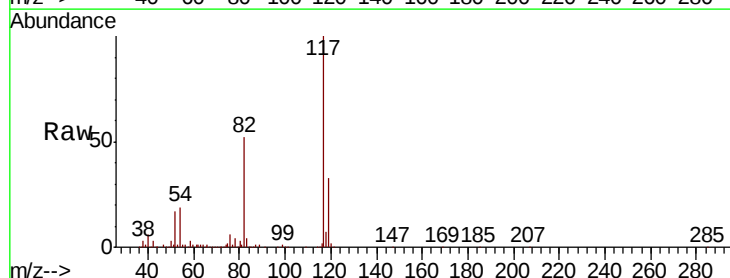
Tgt Ion: 117 Resp: 270264

Ion Ratio Lower Upper

117 100

82 51.8 42.1 63.1

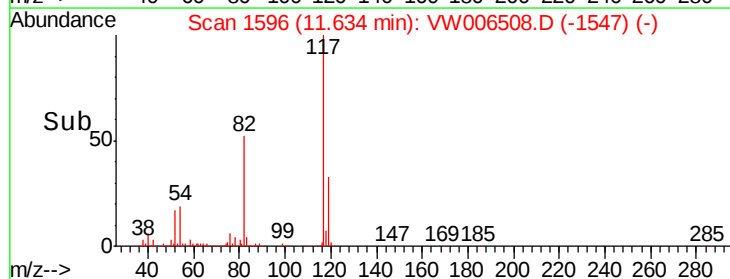
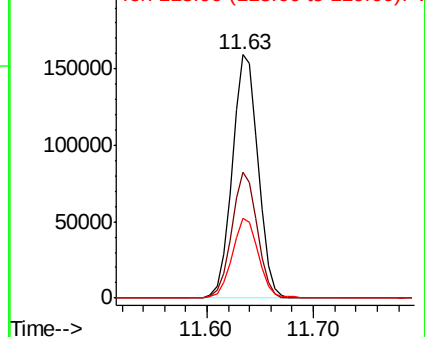
119 32.6 25.8 38.6

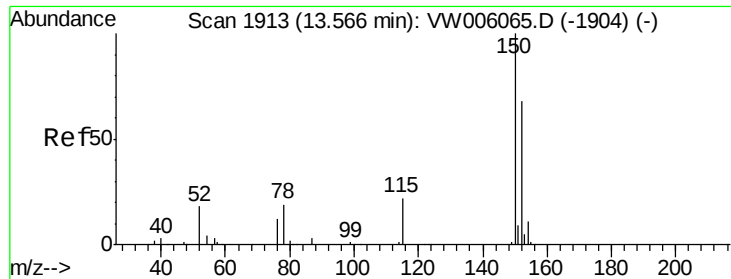


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



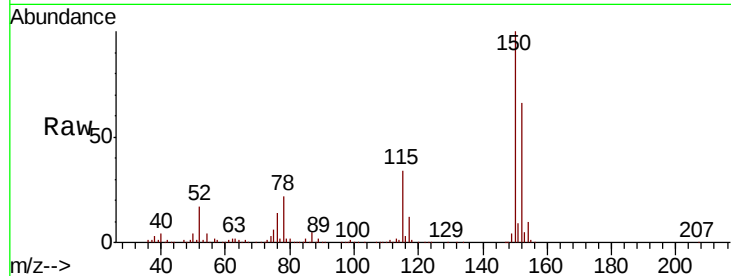


#72

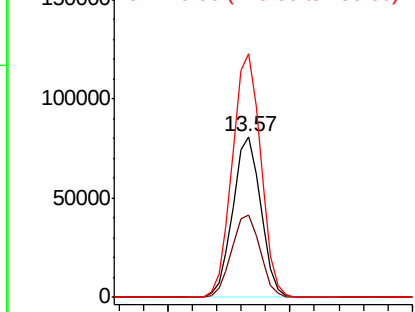
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006508.D
Acq: 30 Oct 2018 18:01

Instrument :
MSVOA_W
ClientSampleId :
DL-01A

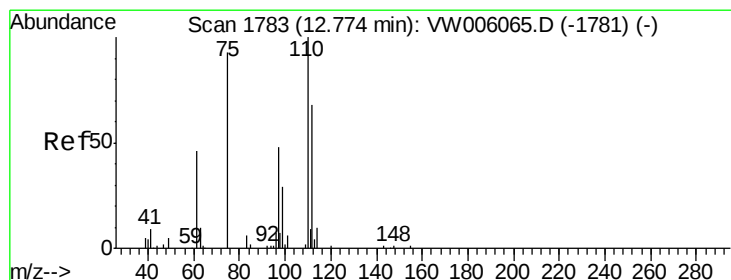
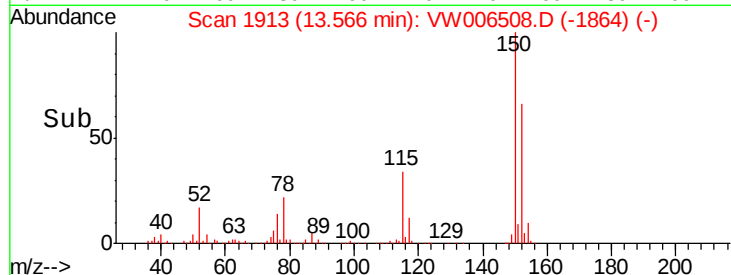
Tot Ion:152 Resp: 127887
Ion Ratio Lower Upper
152 100
115 52.6 27.8 83.3
150 153.9 0.0 349.2



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



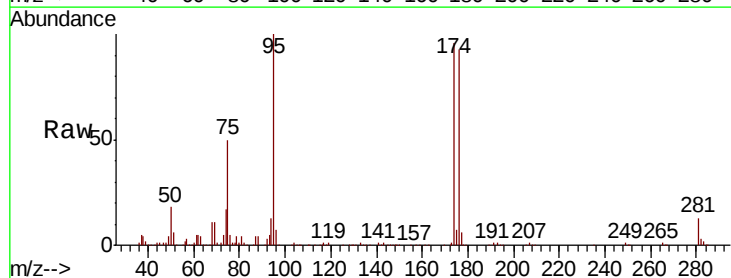
Time-->



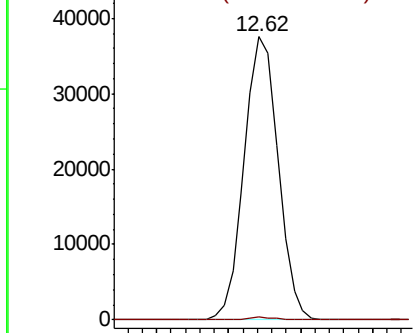
#76

1,2,3-Trichloropropane
Concen: 62.945 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006508.D
Acq: 30 Oct 2018 18:01

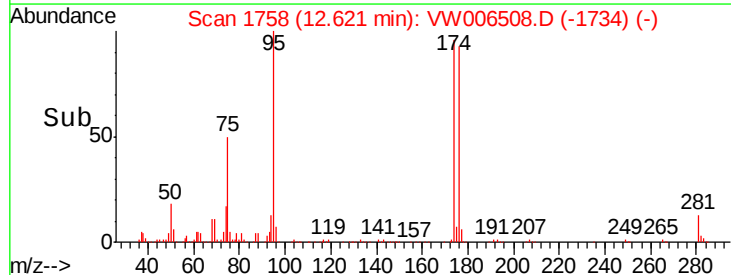
Tgt Ion: 75 Resp: 61485
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

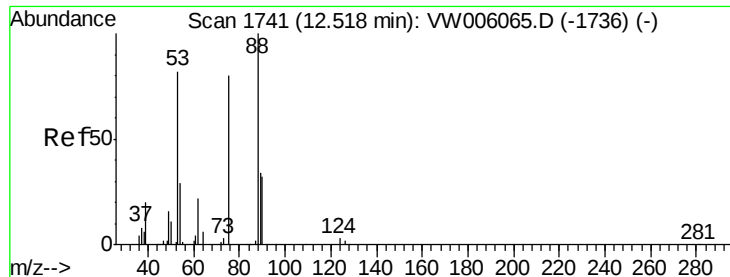


Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 150.463 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006508.D

Acq: 30 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

DL-01A

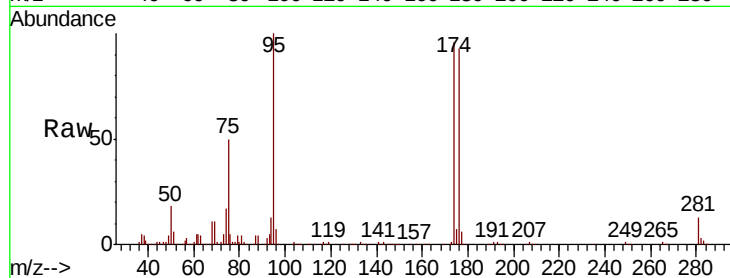
Tot Ion: 75 Resp: 61485

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

