

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059659.D
 Acq On : 31 Jul 2018 17:50
 Operator : VA/AP
 Sample : J4237-04
 Misc : 8.67g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 01 06:42:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

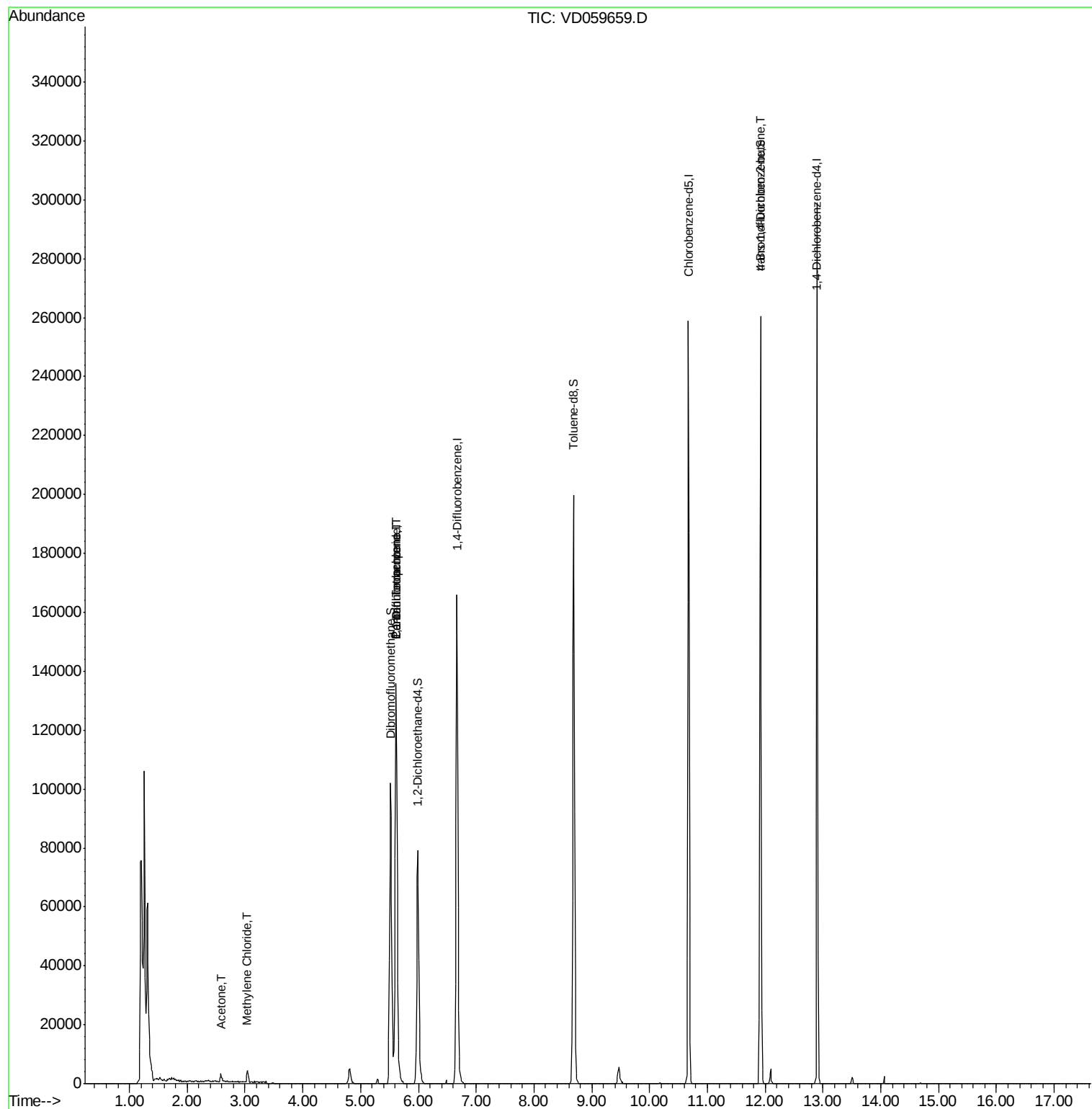
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	118505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	156487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	124936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	59960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	91700	61.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.10%	
35) Dibromofluoromethane	5.52	113	78186	58.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.48%	
50) Toluene-d8	8.68	98	150464	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.92	95	67010	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
Target Compounds						
					Qvalue	
16) Acetone	2.58	43	4060	18.045	ug/l	95
20) Methylene Chloride	3.04	84	1630	2.541	ug/l #	90
31) Cyclohexane	5.60	56	2601	Below Cal	#	1
36) 1,1-Dichloropropene	5.61	75	10976	6.990	ug/l #	54
38) Carbon Tetrachloride	5.61	117	12625	5.871	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	38990	153.799	ug/l #	1

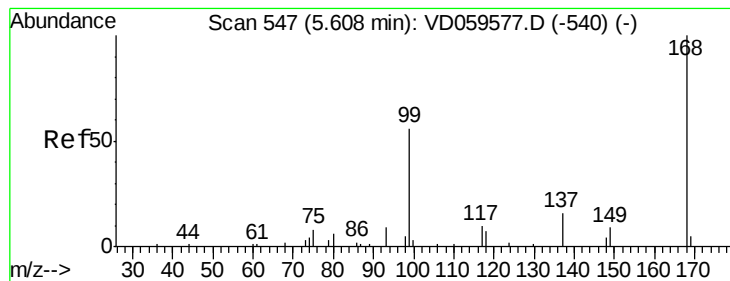
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073118\
Data File : VD059659.D
Acq On : 31 Jul 2018 17:50
Operator : VA/AP
Sample : J4237-04
Misc : 8.67g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 01 06:42:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration

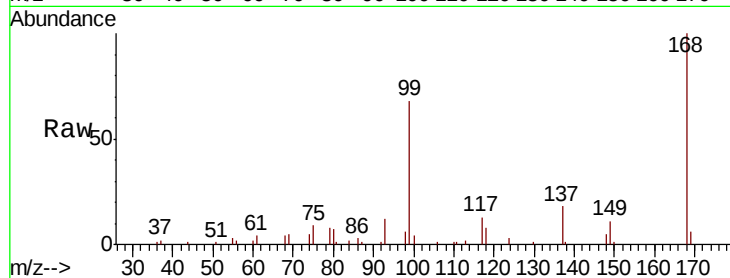




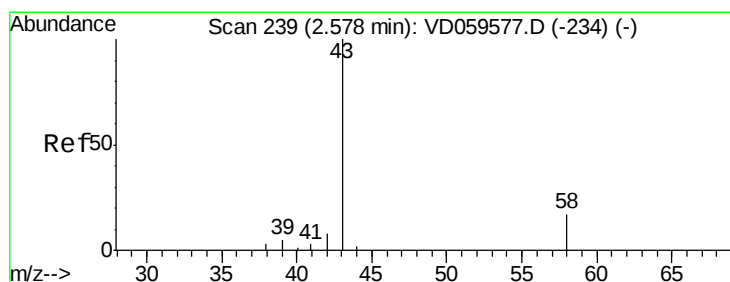
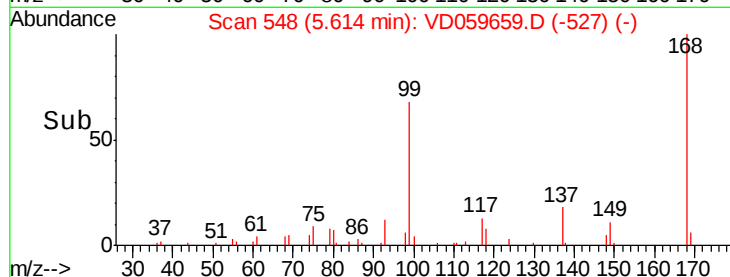
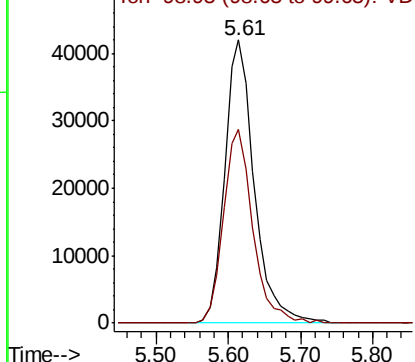
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 118505
Ion Ratio Lower Upper
168 100
99 68.3 47.3 70.9

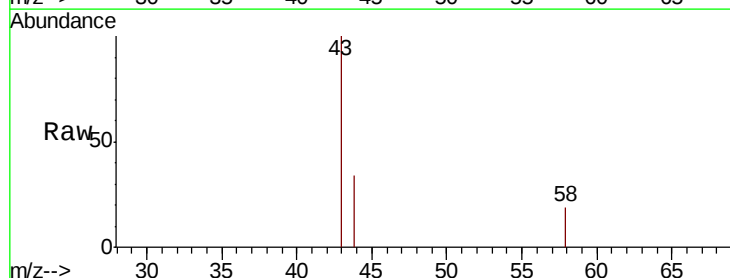


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): V

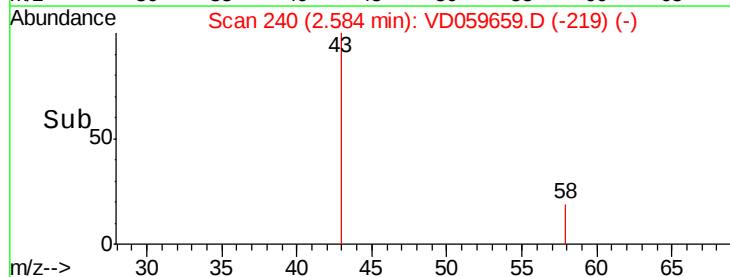
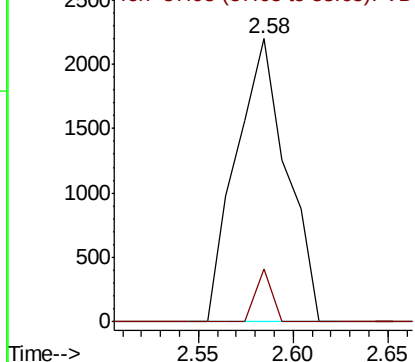


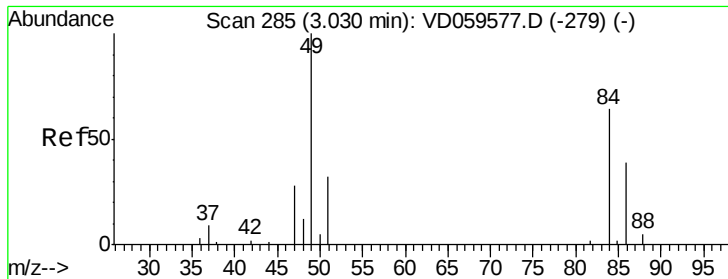
#16
Acetone
Concen: 18.045 ug/l
RT: 2.58 min Scan# 240
Delta R.T. 0.01 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

Tgt Ion: 43 Resp: 4060
Ion Ratio Lower Upper
43 100
58 18.7 13.4 20.0



Abundance Ion 42.95 (42.65 to 43.65): V
Ion 57.95 (57.65 to 58.65): V

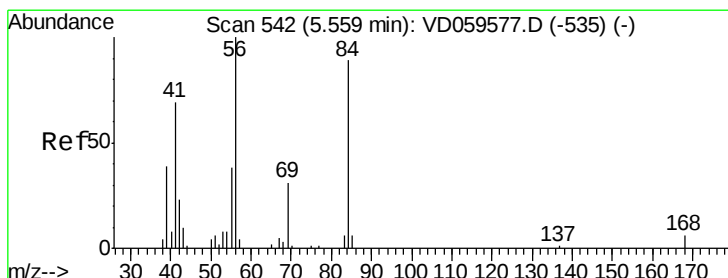
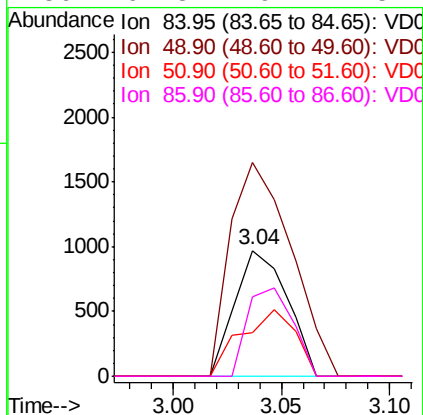
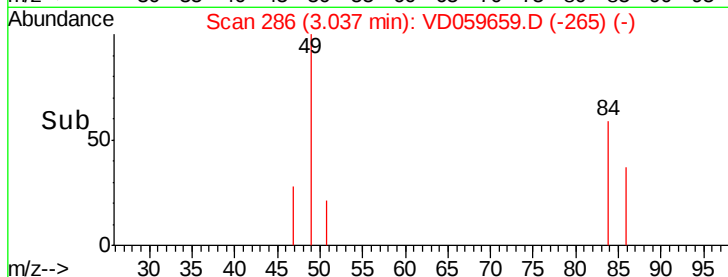
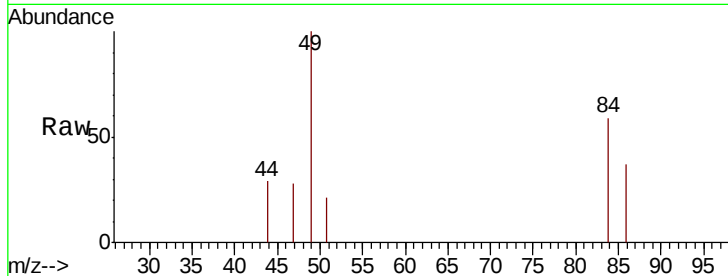




#20
Methylene Chloride
Concen: 2.541 ug/l
RT: 3.04 min Scan# 286
Delta R.T. 0.01 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

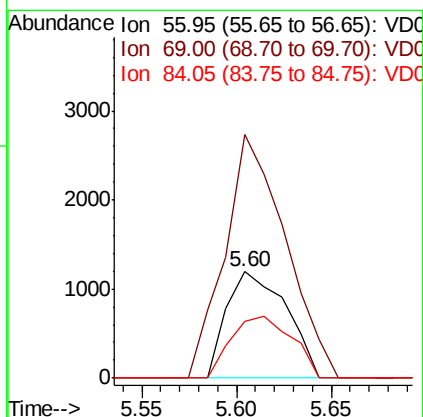
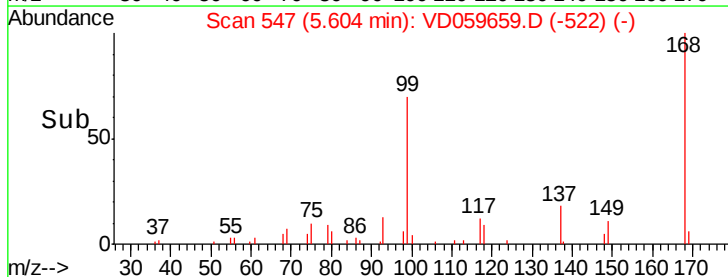
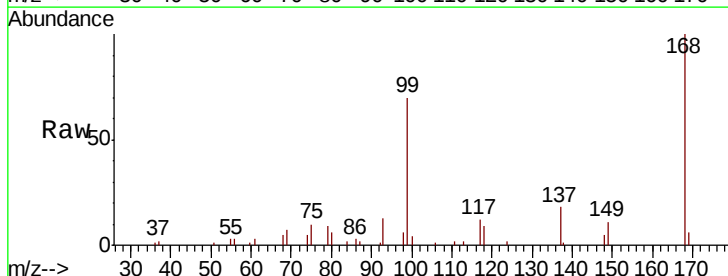
Instrument :
MSVOA_D
ClientSampleId :

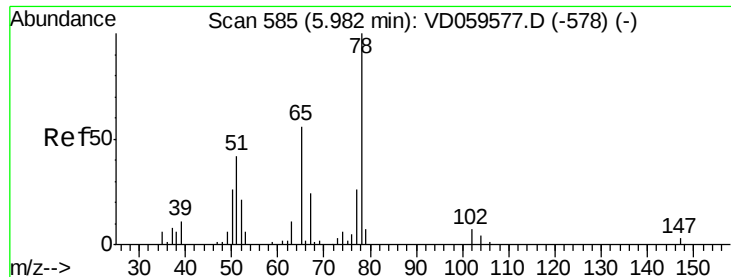
Tot Ion: 84 Resp: 1630
Ion Ratio Lower Upper
84 100
49 170.1 125.4 188.2
51 35.0 39.7 59.5#
86 62.8 49.1 73.7



#31
Cyclohexane
Concen: Below Cal
RT: 5.60 min Scan# 547
Delta R.T. 0.05 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

Tgt Ion: 56 Resp: 2601
Ion Ratio Lower Upper
56 100
69 229.3 24.6 37.0#
84 53.4 72.7 109.1#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.99 min Scan# 586

Delta R.T. 0.01 min

Lab File: VD059659.D

Acq: 31 Jul 2018 17:50

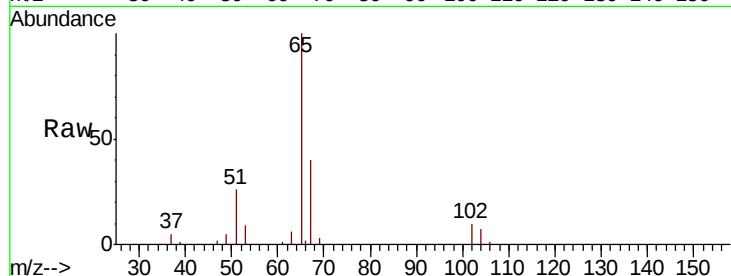
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 65 Resp: 91700

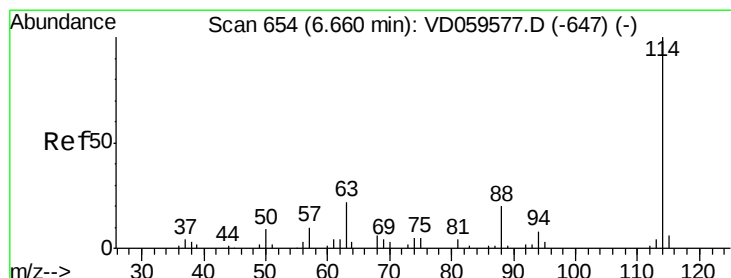
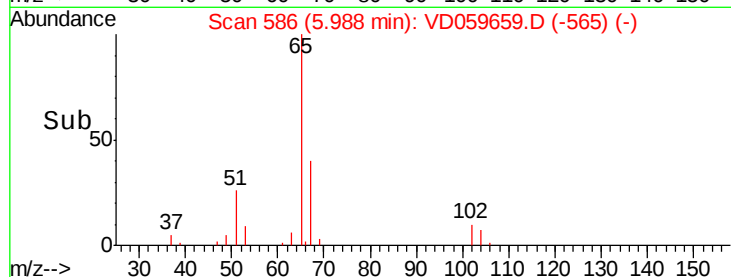
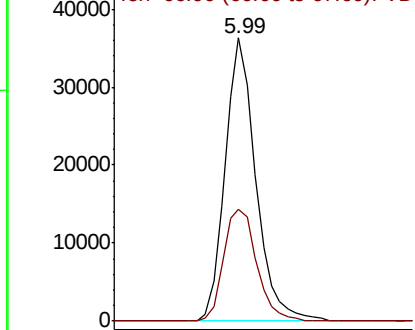
Ion Ratio Lower Upper

65 100

67 39.5 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.67 min Scan# 655

Delta R.T. 0.01 min

Lab File: VD059659.D

Acq: 31 Jul 2018 17:50

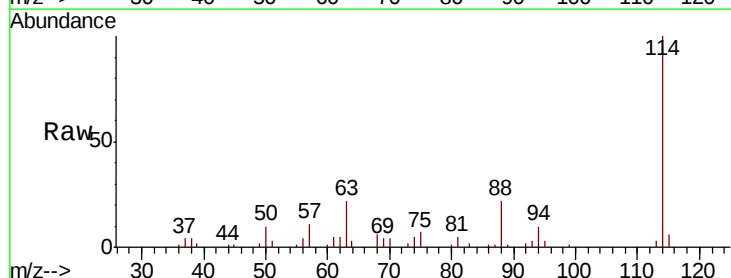
Tgt Ion: 114 Resp: 156487

Ion Ratio Lower Upper

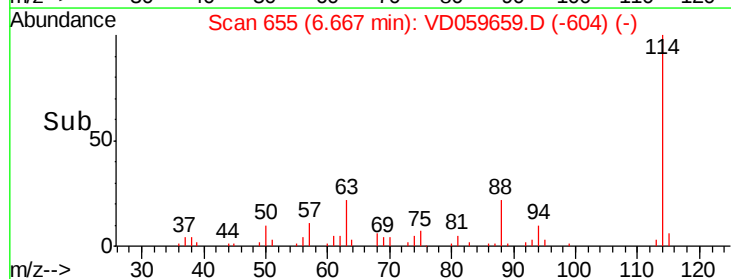
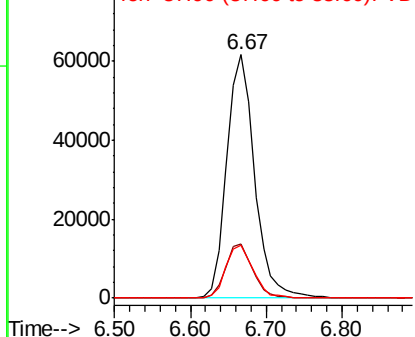
114 100

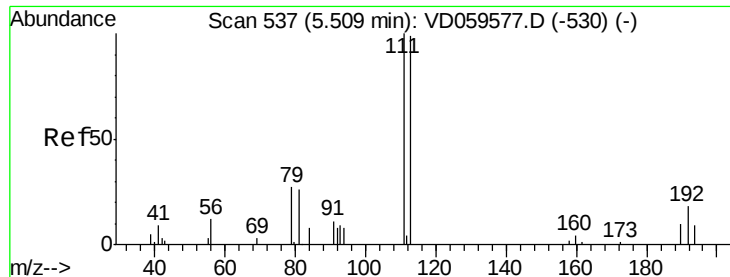
63 22.2 0.0 43.8

88 21.6 0.0 39.0



Abundance Ion 114.00 (113.70 to 114.70): VDC
Ion 62.95 (62.65 to 63.65): VDC
Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.52 min Scan# 538

Delta R.T. 0.01 min

Lab File: VD059659.D

Acq: 31 Jul 2018 17:50

Instrument :

MSVOA_D

ClientSampleId :

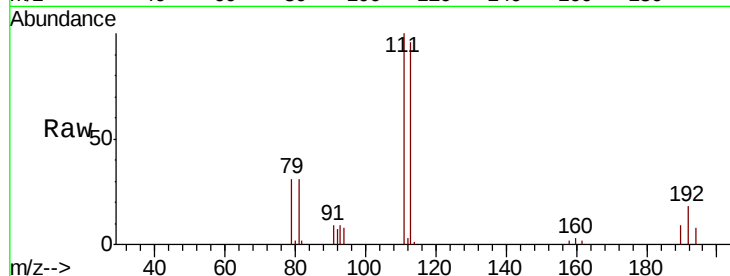
Tot Ion:113 Resp: 78186

Ion Ratio Lower Upper

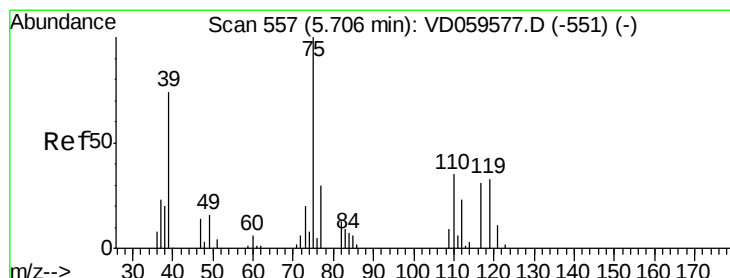
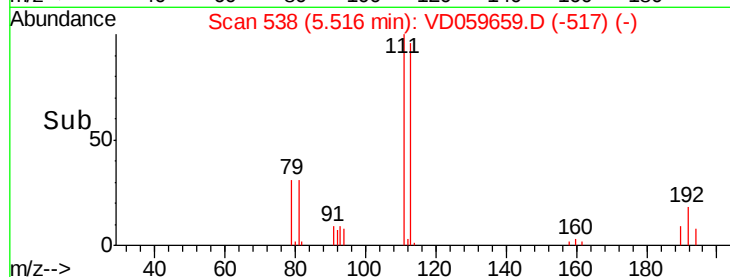
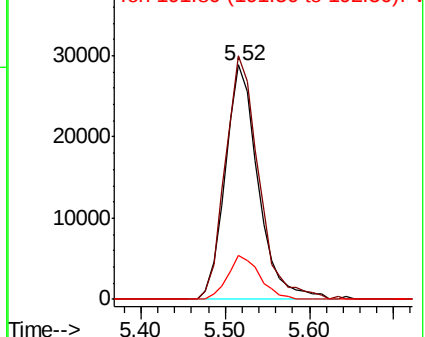
113 100

111 103.8 80.5 120.7

192 18.6 14.5 21.7



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 6.990 ug/l

RT: 5.61 min Scan# 548

Delta R.T. -0.09 min

Lab File: VD059659.D

Acq: 31 Jul 2018 17:50

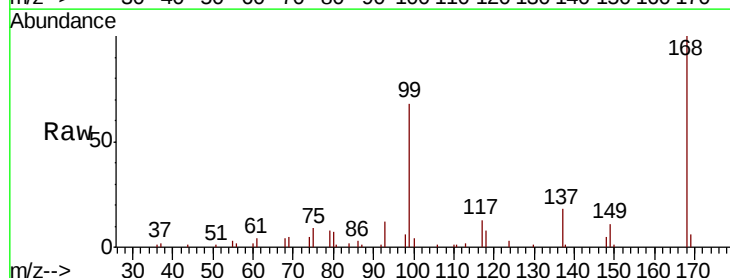
Tgt Ion: 75 Resp: 10976

Ion Ratio Lower Upper

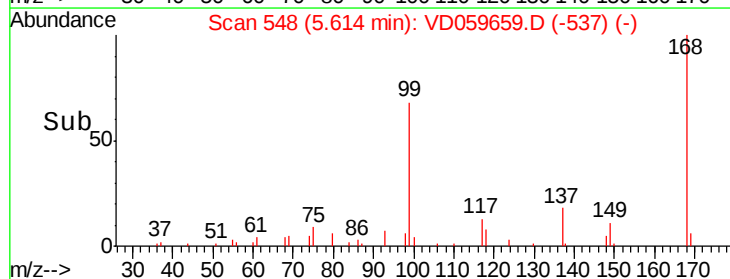
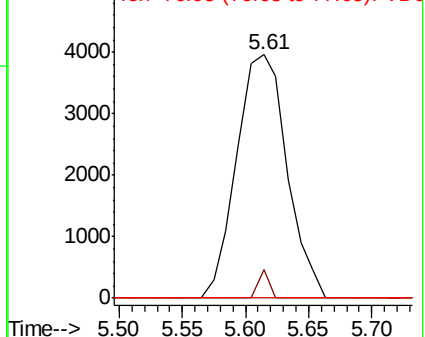
75 100

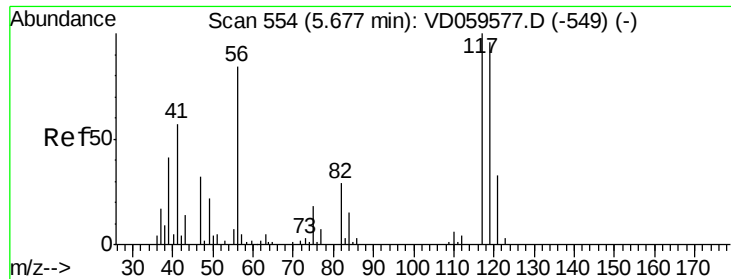
110 11.9 17.0 50.9#

77 0.0 23.6 35.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

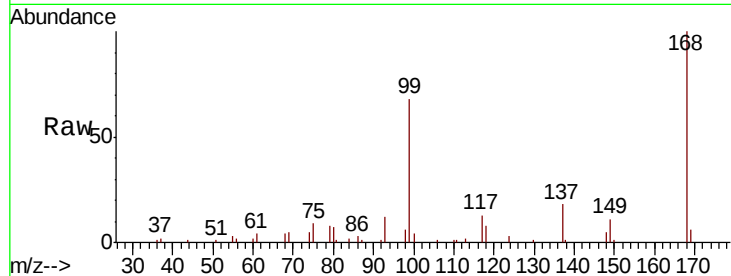




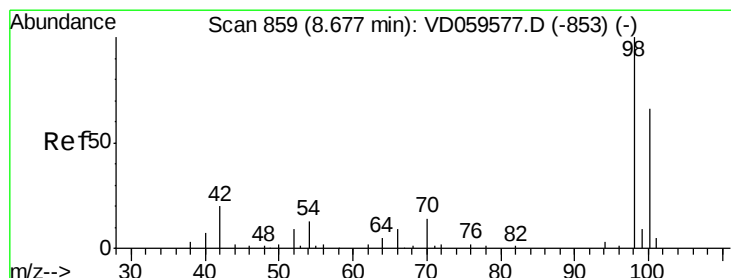
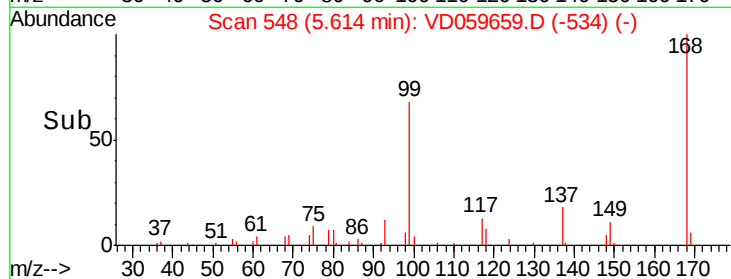
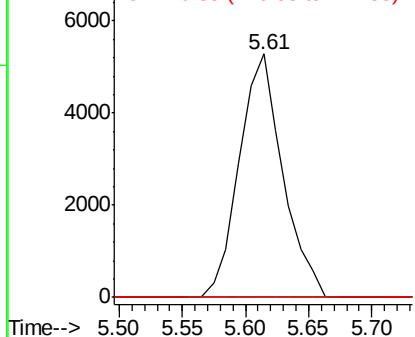
#38
Carbon Tetrachloride
Concen: 5.871 ug/l
RT: 5.61 min Scan# 548
Delta R.T. -0.06 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 12625
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.0 37.6#

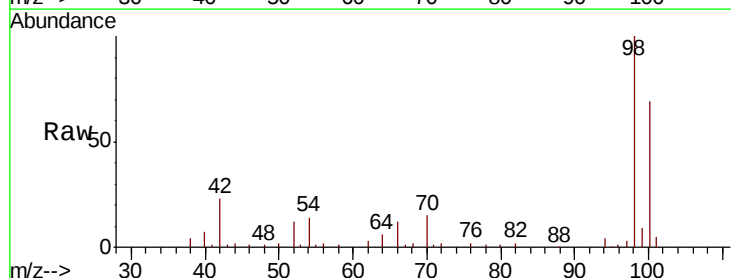


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

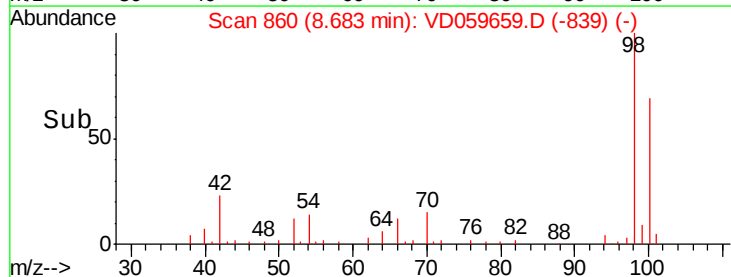
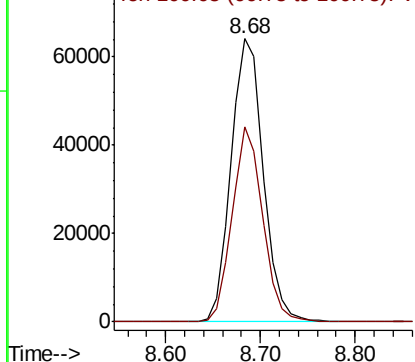


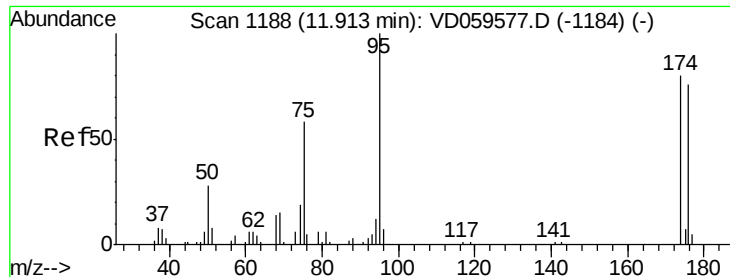
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 860
Delta R.T. 0.01 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

Tgt Ion: 98 Resp: 150464
Ion Ratio Lower Upper
98 100
100 69.1 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059659.D

Acq: 31 Jul 2018 17:50

Instrument :

MSVOA_D

ClientSampleId :

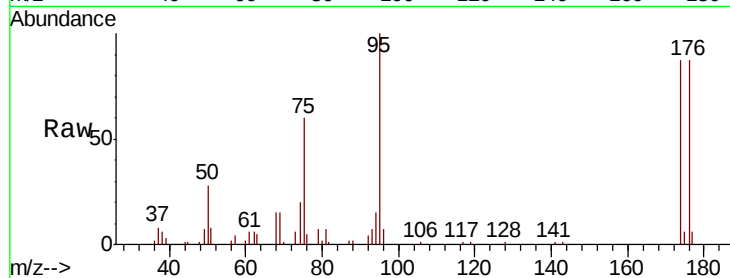
Tot Ion: 95 Resp: 67010

Ion Ratio Lower Upper

95 100

174 87.5 0.0 160.6

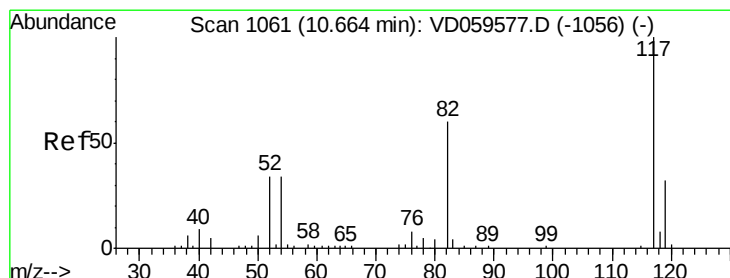
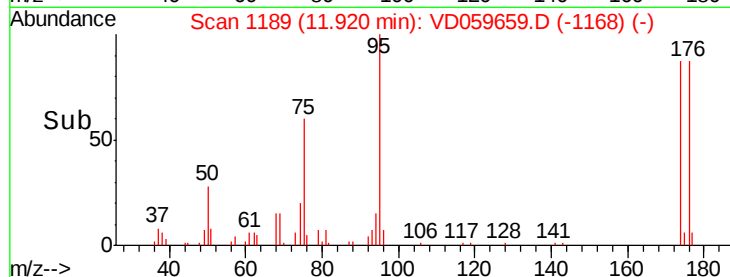
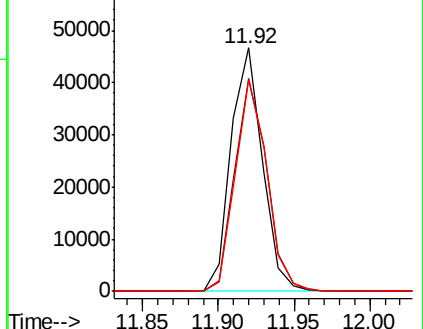
176 86.7 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.67 min Scan# 1062

Delta R.T. 0.01 min

Lab File: VD059659.D

Acq: 31 Jul 2018 17:50

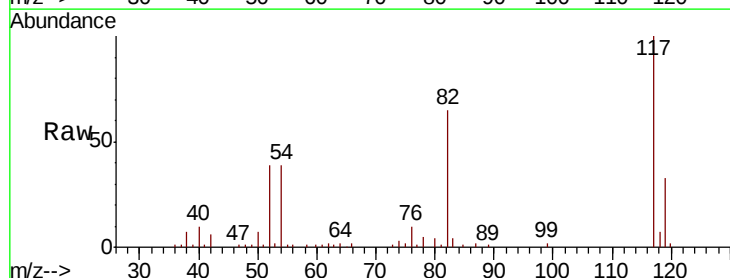
Tgt Ion: 117 Resp: 124936

Ion Ratio Lower Upper

117 100

82 65.4 48.2 72.2

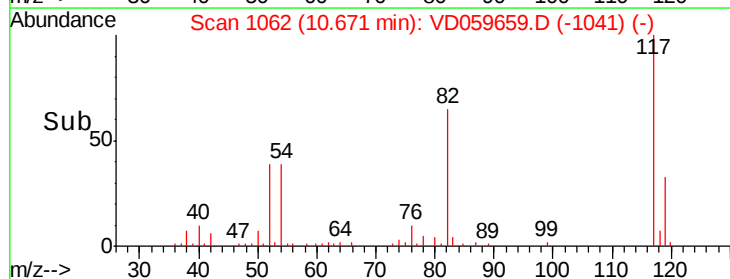
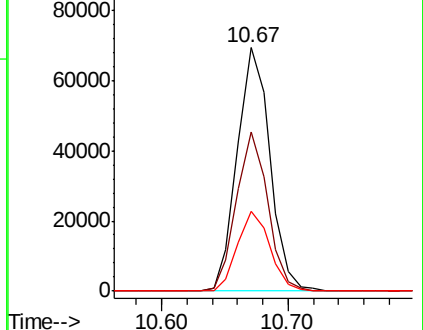
119 32.9 25.4 38.2

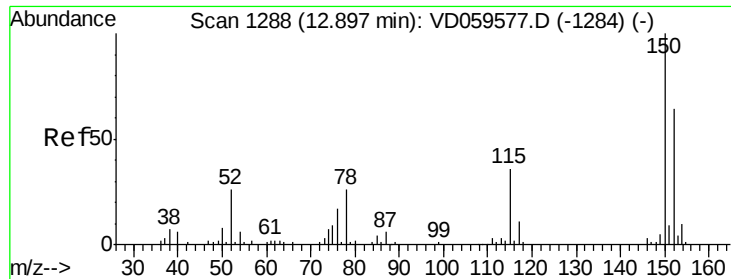


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.89 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD059659.D

Acq: 31 Jul 2018 17:50

Instrument :

MSVOA_D

ClientSampleId :

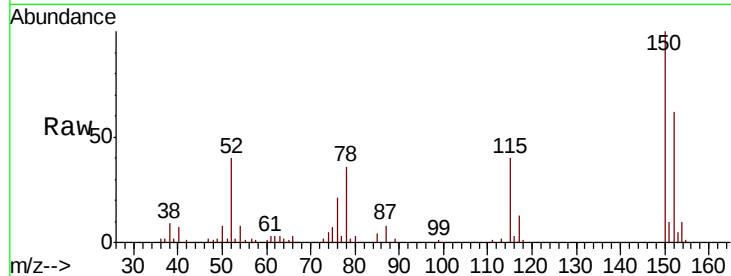
Tot Ion:152 Resp: 59960

Ion Ratio Lower Upper

152 100

115 64.5 29.5 88.6

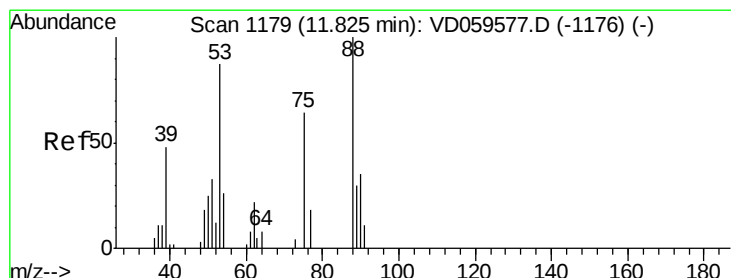
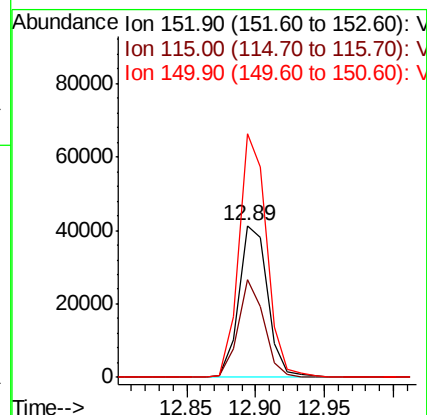
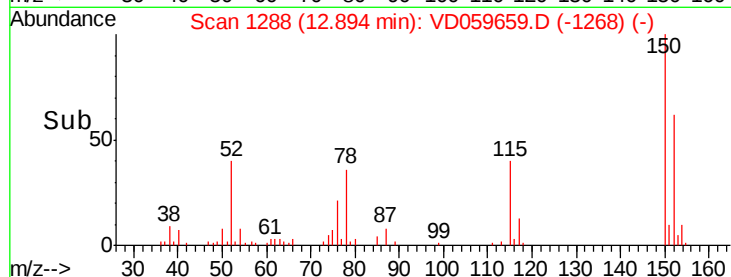
150 160.2 0.0 314.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 153.799 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059659.D

Acq: 31 Jul 2018 17:50

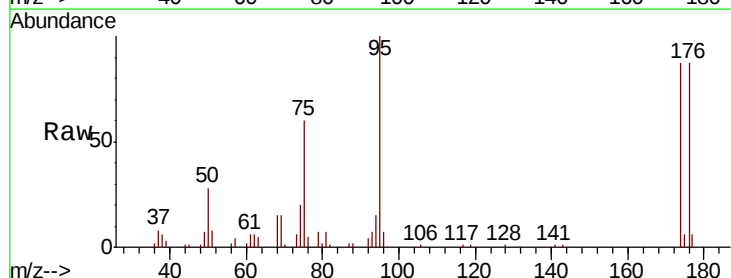
Tgt Ion: 75 Resp: 38990

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

