

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072618\
 Data File : VD059611.D
 Acq On : 26 Jul 2018 18:10
 Operator : VA/AP
 Sample : J4026-03RE
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC001-S-180716RE

Quant Time: Jul 27 04:58:54 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	5.62	168	95033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	120297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	83612	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	30795	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	79808	66.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.60%	
35) Dibromofluoromethane	5.52	113	62597	60.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.32%	
50) Toluene-d8	8.69	98	115963	49.54	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.92	95	44358	42.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.14%	

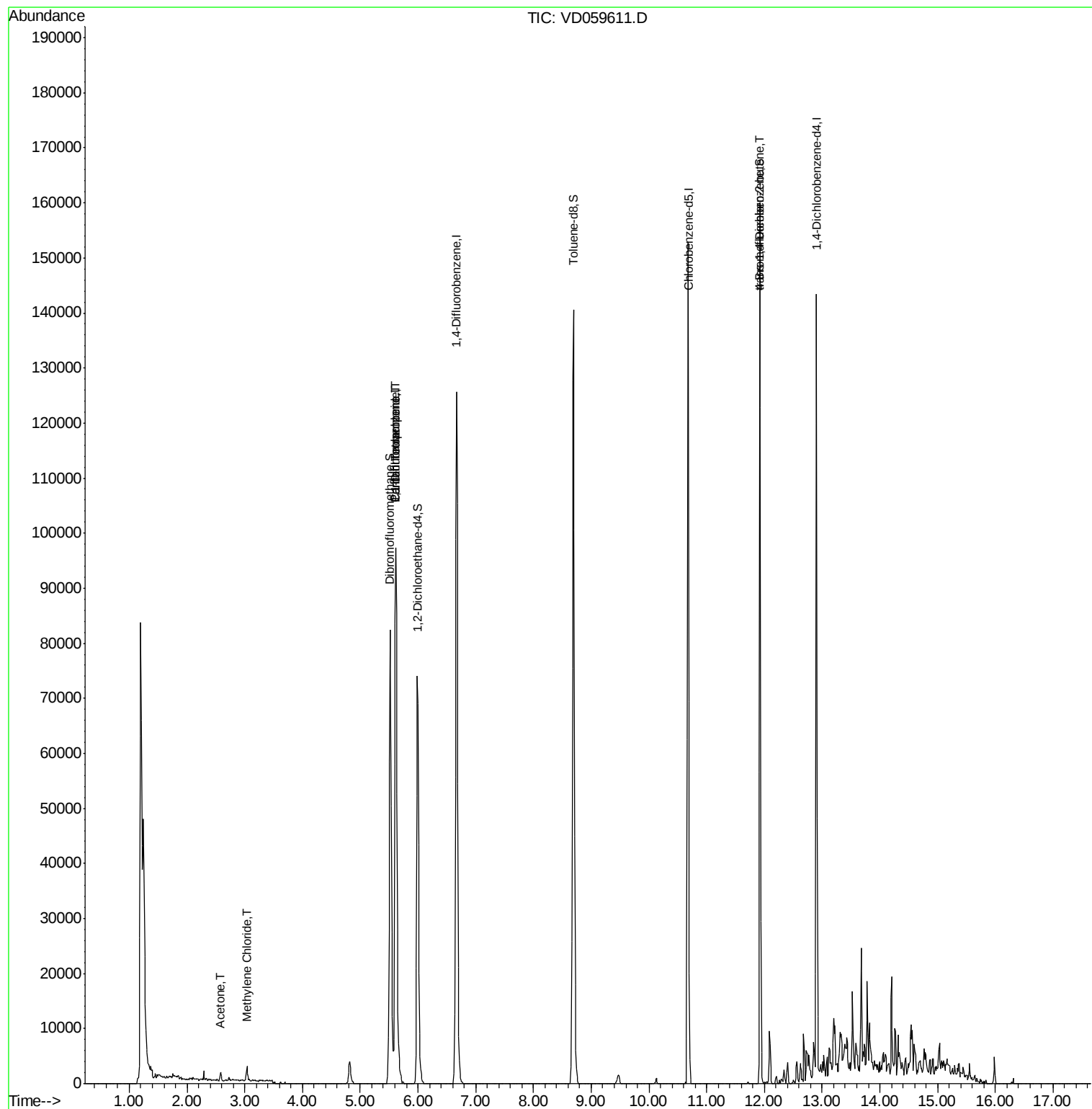
Target Compounds					Qvalue	
16) Acetone	2.58	43	2643	14.649	ug/l #	61
20) Methylene Chloride	3.05	84	801	1.557	ug/l #	56
31) Cyclohexane	5.62	56	1670	Below Cal	#	1
36) 1,1-Dichloropropene	5.63	75	7923	6.564	ug/l #	43
38) Carbon Tetrachloride	5.62	117	8272	5.004	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	22330	171.502	ug/l #	1

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 548

Delta R.T. 0.01 min

Lab File: VD059611.D

Acq: 26 Jul 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

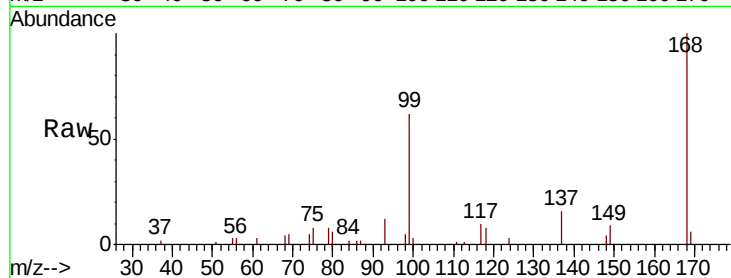
KY030LC001-S-180716RE

Tgt Ion:168 Resp: 95033

Ion Ratio Lower Upper

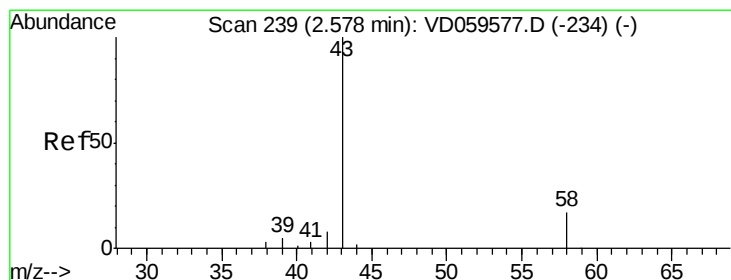
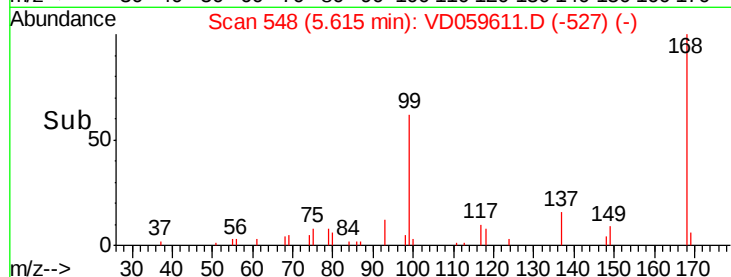
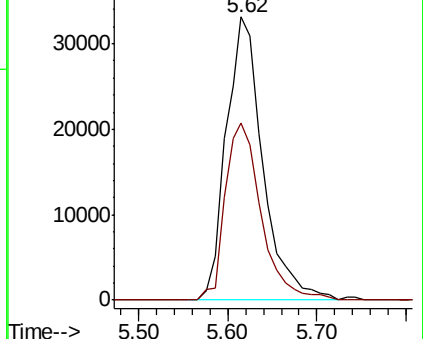
168 100

99 62.5 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 14.649 ug/l

RT: 2.58 min Scan# 239

Delta R.T. -0.00 min

Lab File: VD059611.D

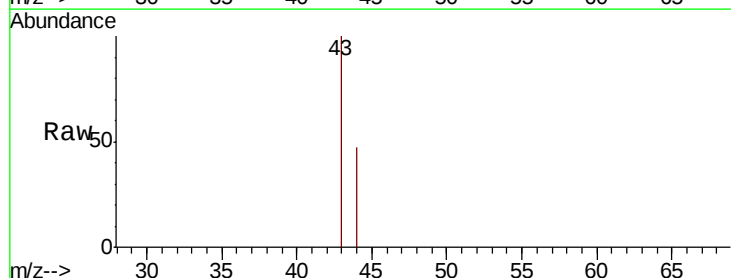
Acq: 26 Jul 2018 18:10

Tgt Ion: 43 Resp: 2643

Ion Ratio Lower Upper

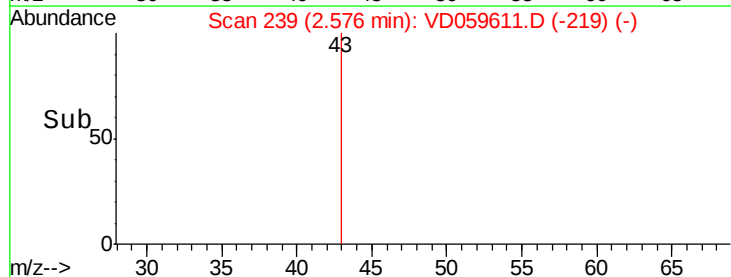
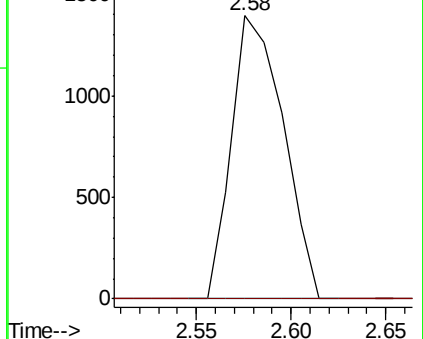
43 100

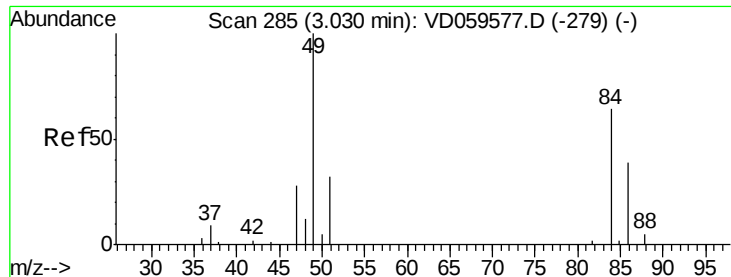
58 0.0 13.4 20.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

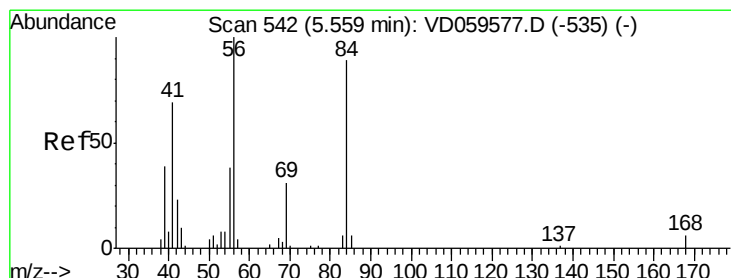
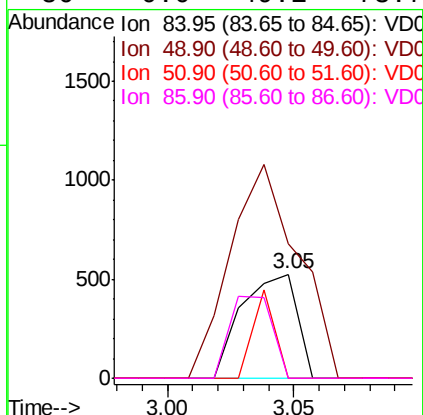
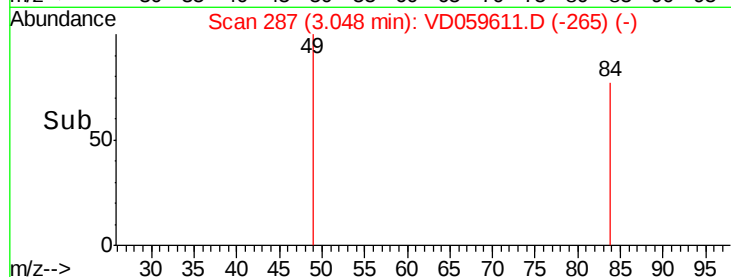
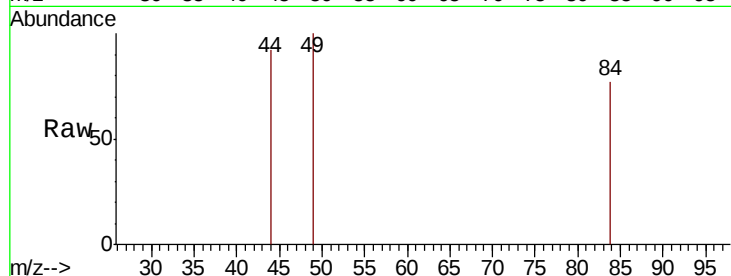




#20
Methylene Chloride
Concen: 1.557 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.02 min
Lab File: VD059611.D
Acq: 26 Jul 2018 18:10

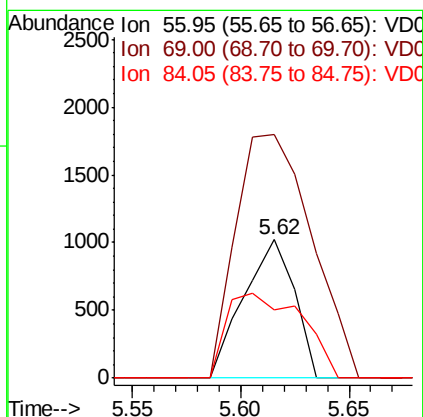
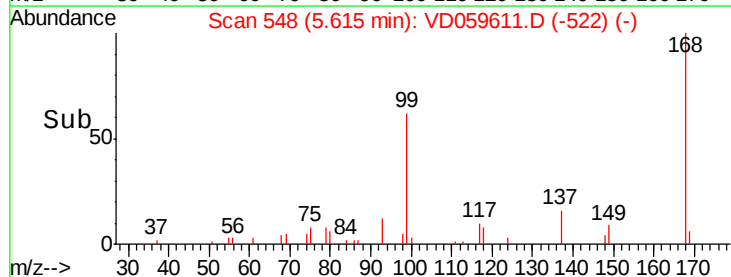
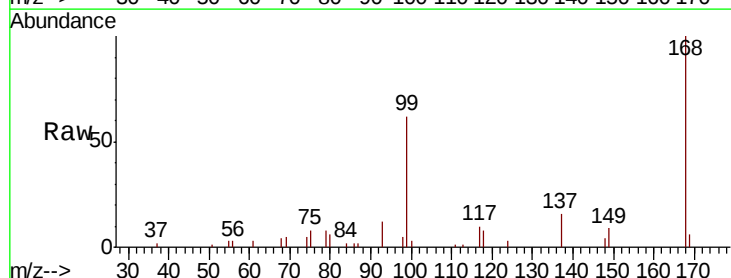
Instrument :
MSVOA_D
ClientSampleId :
KY030LC001-S-180716RE

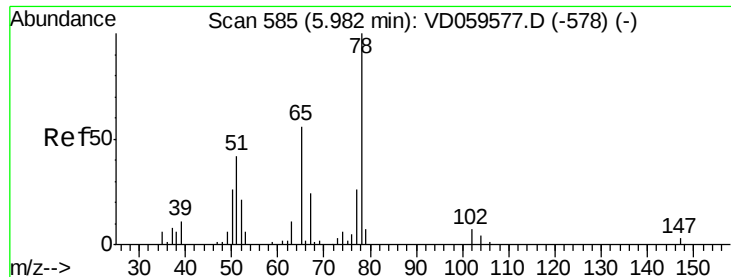
Tgt Ion: 84 Resp: 801
Ion Ratio Lower Upper
84 100
49 129.4 125.4 188.2
51 0.0 39.7 59.5#
86 0.0 49.1 73.7#



#31
Cyclohexane
Concen: Below Cal
RT: 5.62 min Scan# 548
Delta R.T. 0.06 min
Lab File: VD059611.D
Acq: 26 Jul 2018 18:10

Tgt Ion: 56 Resp: 1670
Ion Ratio Lower Upper
56 100
69 175.8 24.6 37.0#
84 49.0 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: VD059611.D

Acq: 26 Jul 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

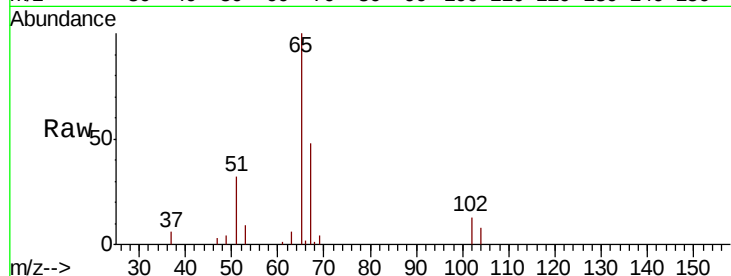
KY030LC001-S-180716RE

Tgt Ion: 65 Resp: 79808

Ion Ratio Lower Upper

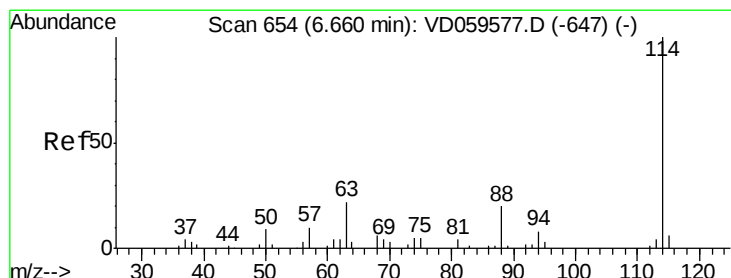
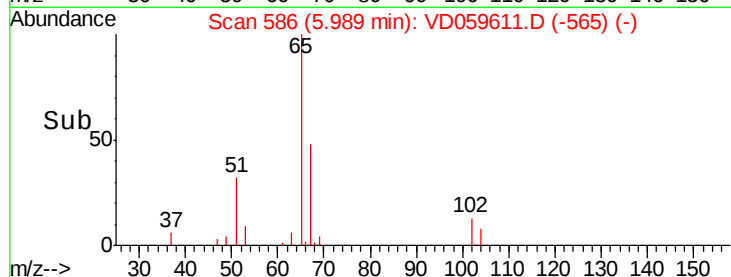
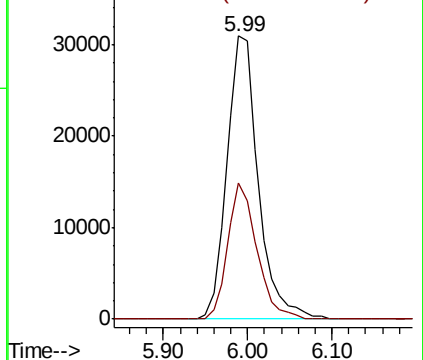
65 100

67 48.2 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: VD059611.D

Acq: 26 Jul 2018 18:10

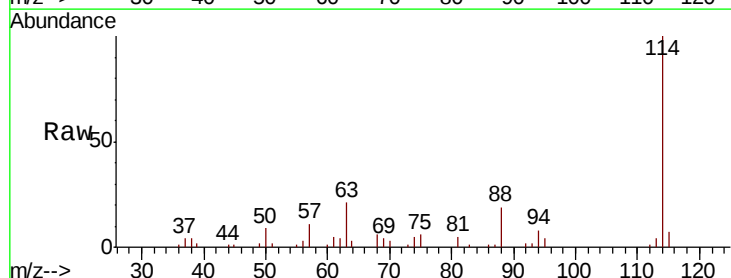
Tgt Ion: 114 Resp: 120297

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

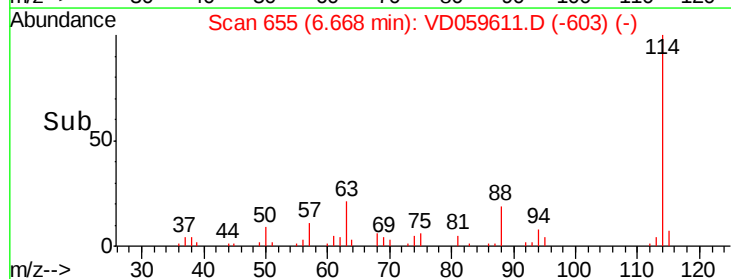
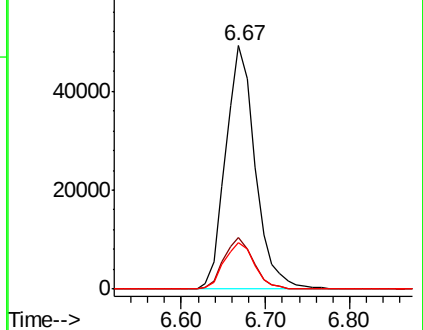
88 19.2 0.0 39.0

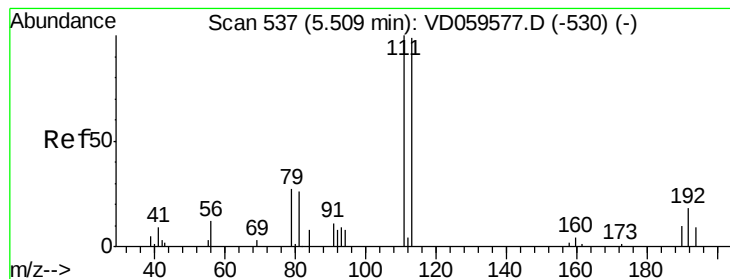


Abundance Ion 114.00 (113.70 to 114.70): VDC

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: VD059611.D

Acq: 26 Jul 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

KY030LC001-S-180716RE

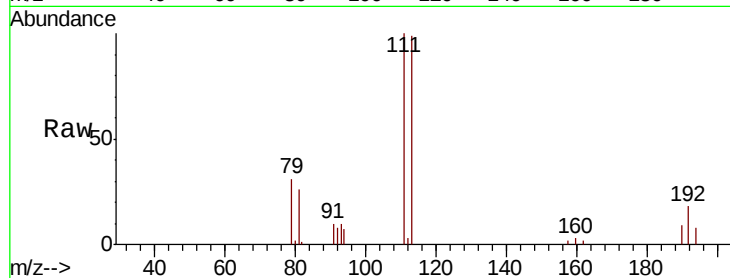
Tgt Ion:113 Resp: 62597

Ion Ratio Lower Upper

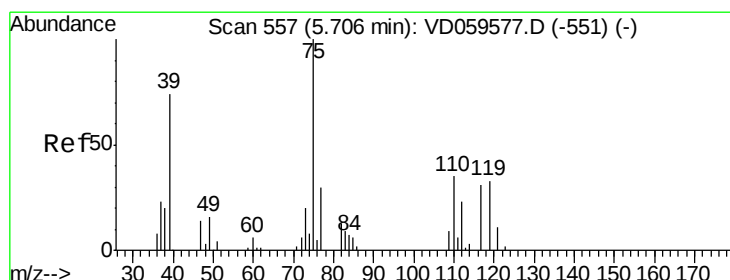
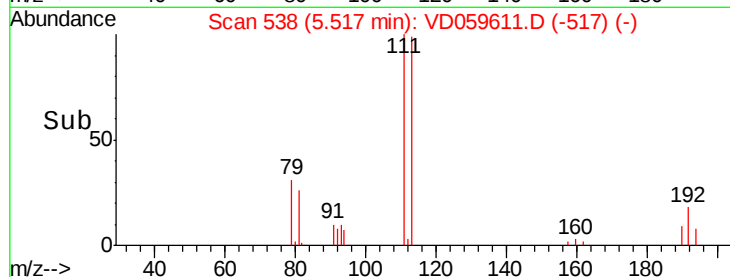
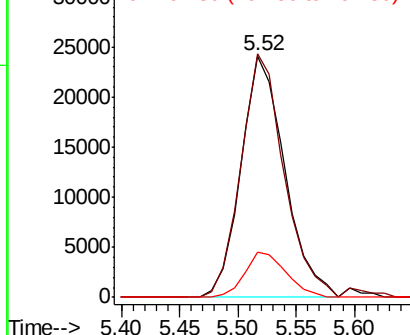
113 100

111 100.8 80.5 120.7

192 18.5 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: 6.564 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.08 min

Lab File: VD059611.D

Acq: 26 Jul 2018 18:10

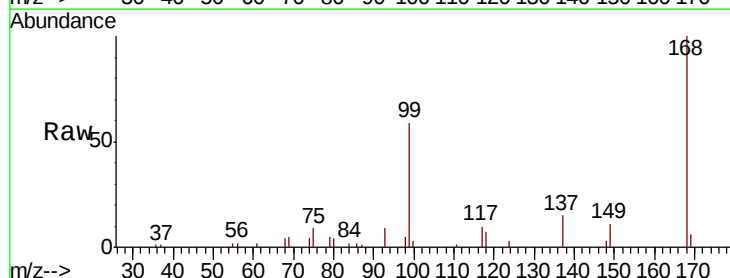
Tgt Ion: 75 Resp: 7923

Ion Ratio Lower Upper

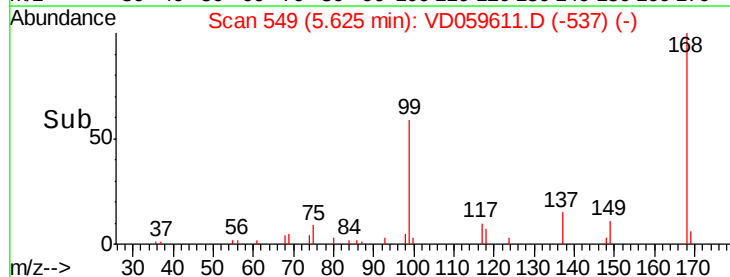
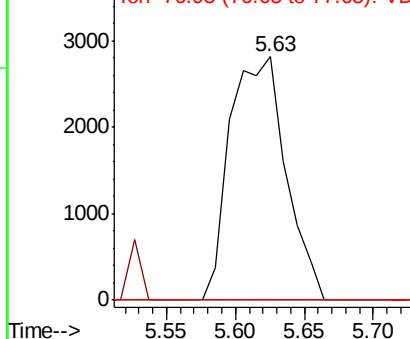
75 100

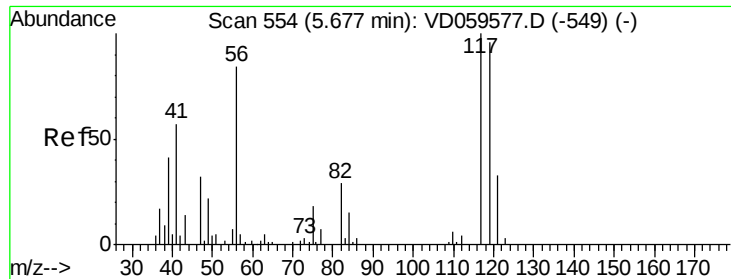
110 0.0 17.0 50.9#

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

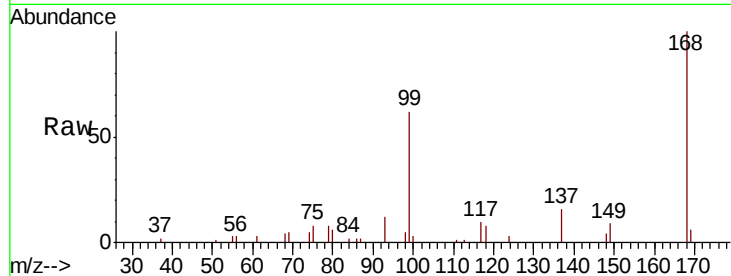




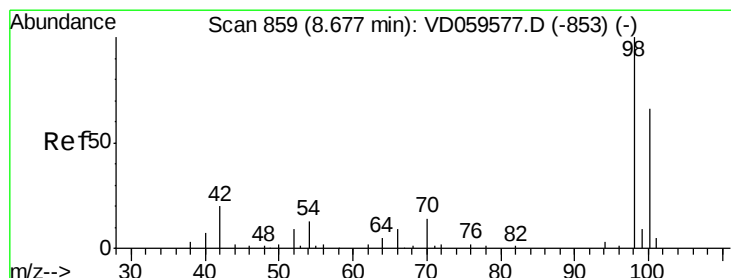
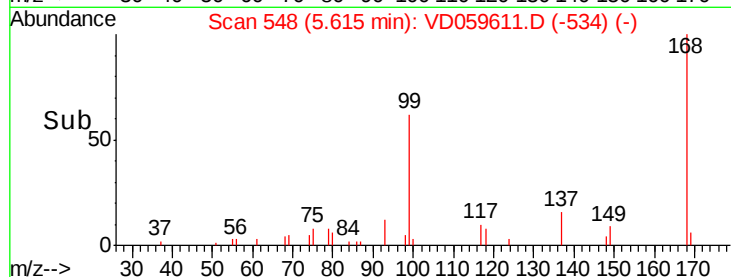
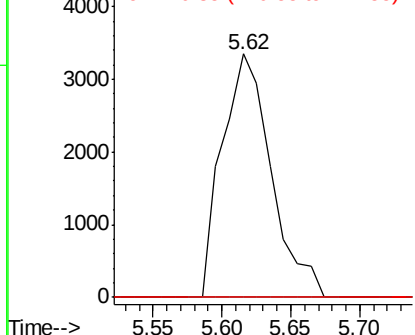
#38
Carbon Tetrachloride
Concen: 5.004 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.06 min
Lab File: VD059611.D
Acq: 26 Jul 2018 18:10

Instrument :
MSVOA_D
ClientSampleId :
KY030LC001-S-180716RE

Tgt Ion:117 Resp: 8272
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.0 37.6#

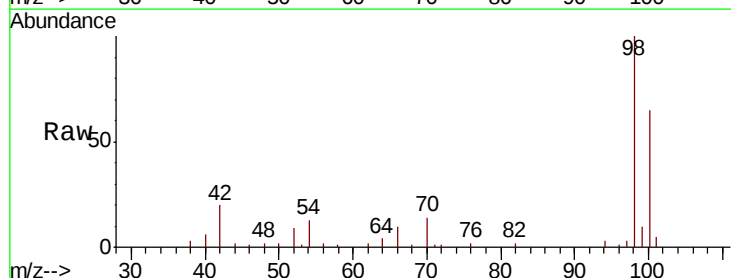


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

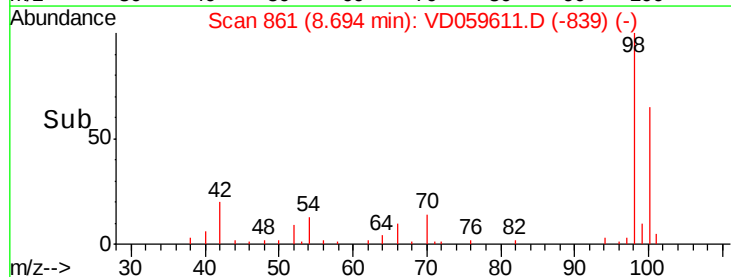
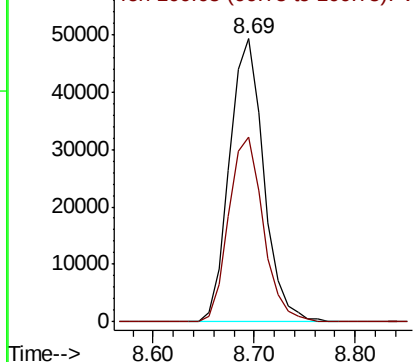


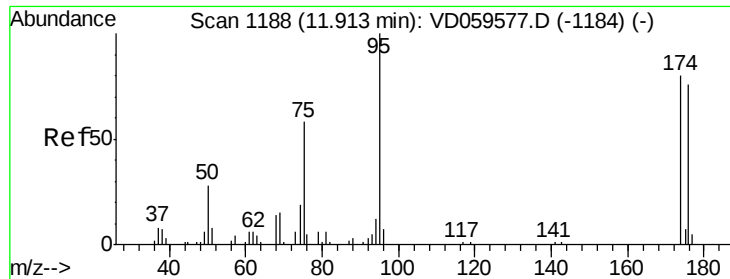
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059611.D
Acq: 26 Jul 2018 18:10

Tgt Ion: 98 Resp: 115963
Ion Ratio Lower Upper
98 100
100 65.2 53.2 79.8



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059611.D

Acq: 26 Jul 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

KY030LC001-S-180716RE

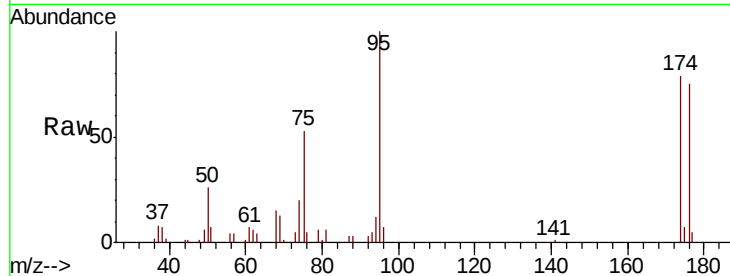
Tgt Ion: 95 Resp: 44358

Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.6

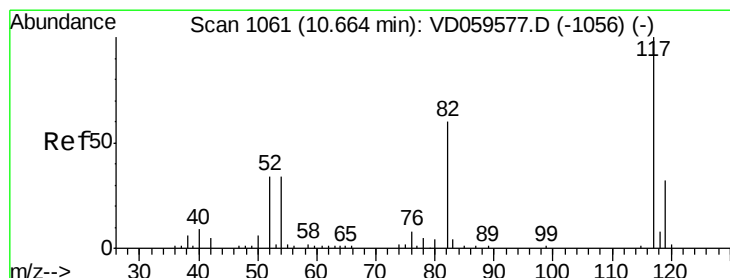
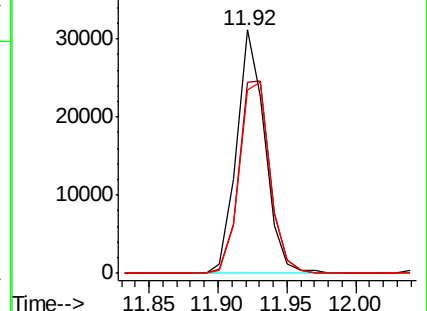
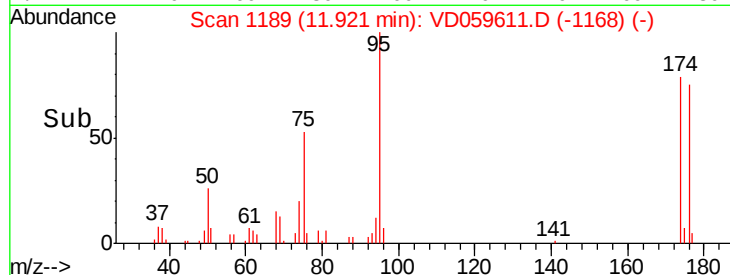
176 75.1 0.0 152.8



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: 10.68 min Scan# 1063

Delta R.T. 0.02 min

Lab File: VD059611.D

Acq: 26 Jul 2018 18:10

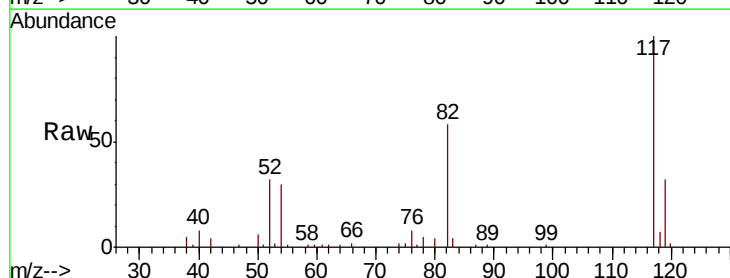
Tgt Ion: 117 Resp: 83612

Ion Ratio Lower Upper

117 100

82 58.1 48.2 72.2

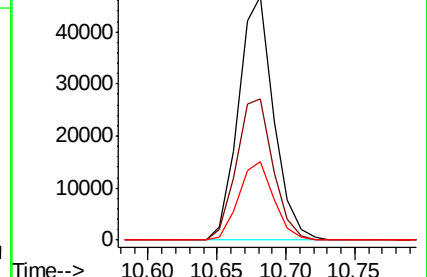
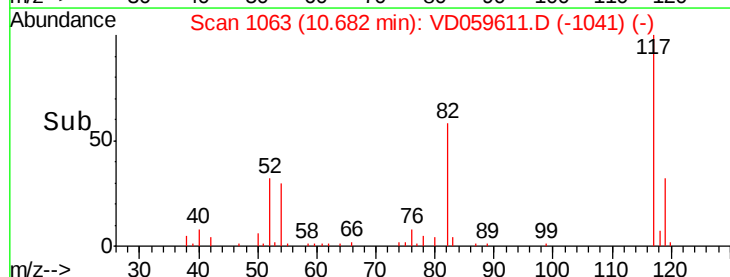
119 32.2 25.4 38.2

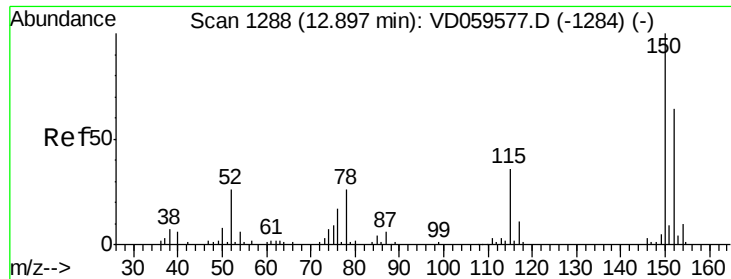


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.90 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059611.D

Acq: 26 Jul 2018 18:10

Instrument :

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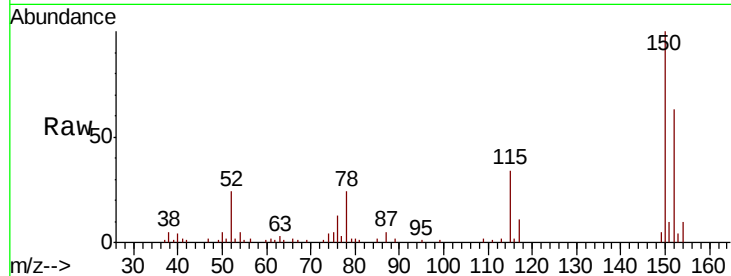
Tgt Ion:152 Resp: 30795

Ion Ratio Lower Upper

152 100

115 53.6 29.5 88.6

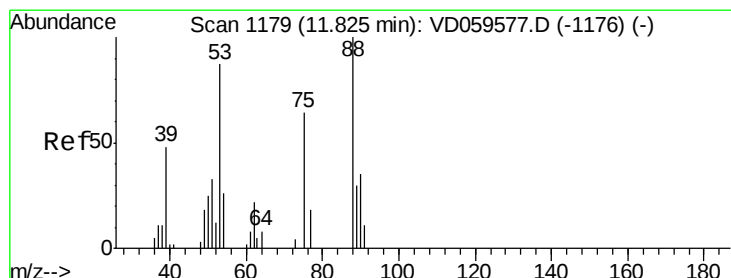
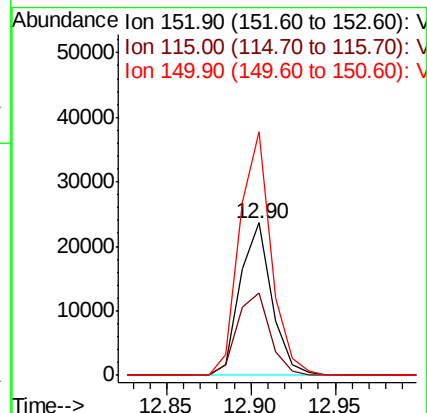
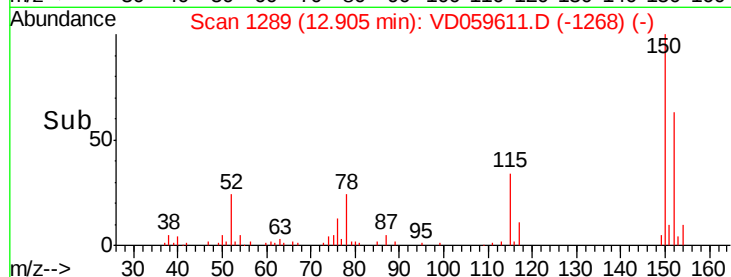
150 159.7 0.0 314.4



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: 171.502 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.10 min

Lab File: VD059611.D

Acq: 26 Jul 2018 18:10

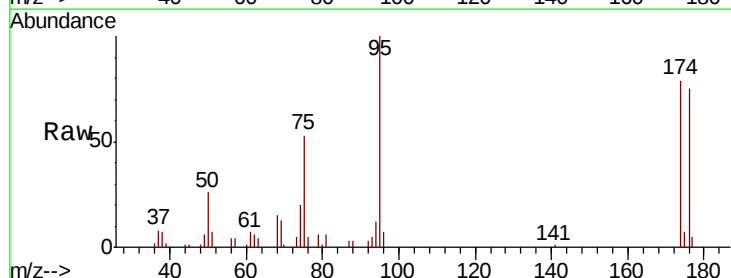
Tgt Ion: 75 Resp: 22330

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

