

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059656.D
 Acq On : 31 Jul 2018 16:23
 Operator : VA/AP
 Sample : J4236-02
 Misc : 7.84g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 01 06:42:05 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

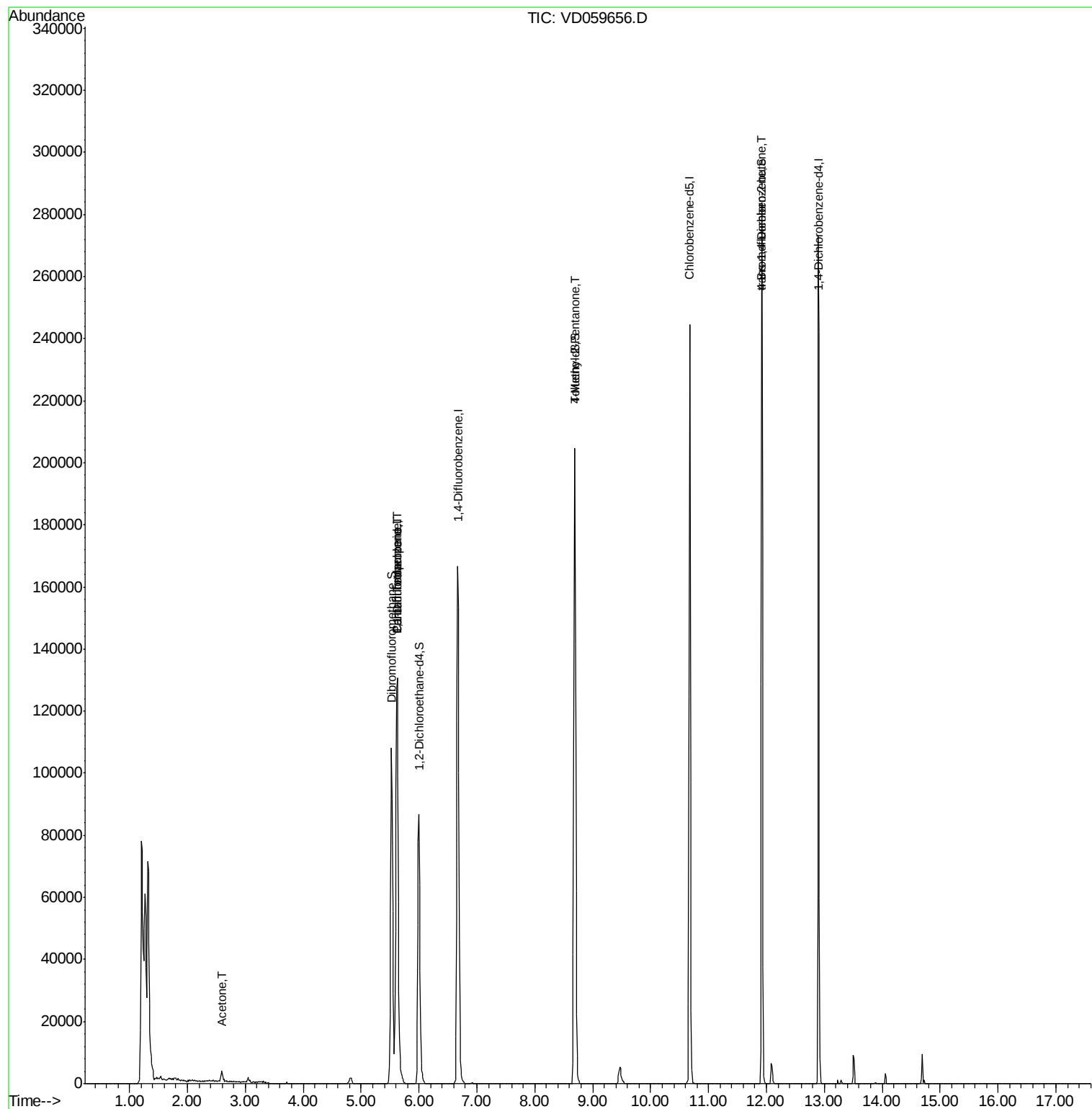
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	123614	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.67	114	159268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	127246	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	58329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	100852	64.90	ug/l	0.02
Spiked Amount 50.000			Recovery	=	129.80%	
35) Dibromofluoromethane	5.53	113	87016	63.69	ug/l	0.02
Spiked Amount 50.000			Recovery	=	127.38%	
50) Toluene-d8	8.69	98	165446	53.38	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.76%	
62) 4-Bromofluorobenzene	11.92	95	71012	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
Target Compounds						
					Qvalue	
16) Acetone	2.59	43	5996	25.549	ug/l #	91
31) Cyclohexane	5.61	56	3144	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	10796	6.755	ug/l #	43
38) Carbon Tetrachloride	5.61	117	13361	6.105	ug/l #	14
51) 4-Methyl-2-Pentanone	8.68	43	1006	1.321	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.92	75	40143	162.775	ug/l #	1

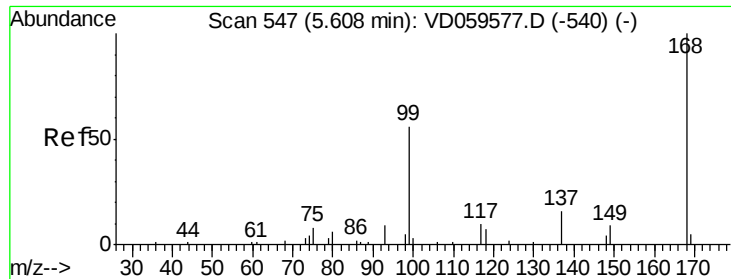
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073118\
Data File : VD059656.D
Acq On : 31 Jul 2018 16:23
Operator : VA/AP
Sample : J4236-02
Misc : 7.84g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 01 06:42:05 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

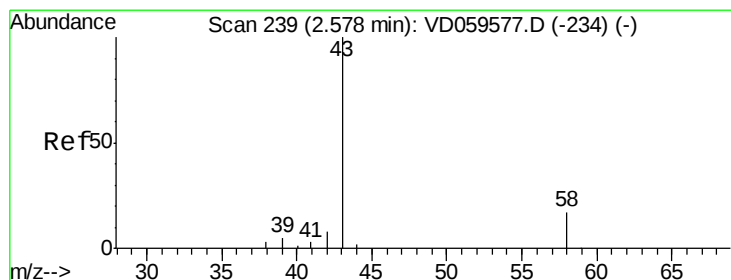
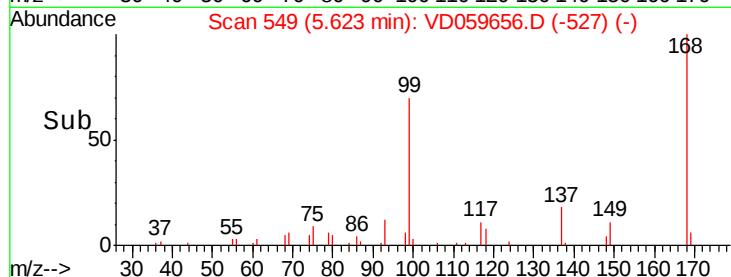
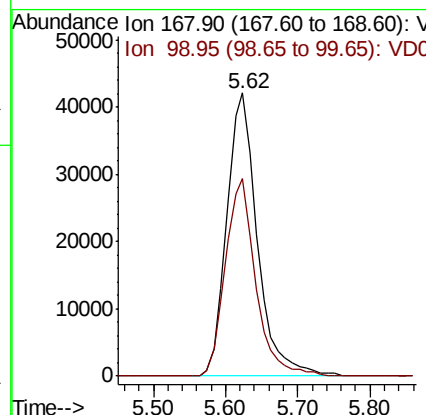
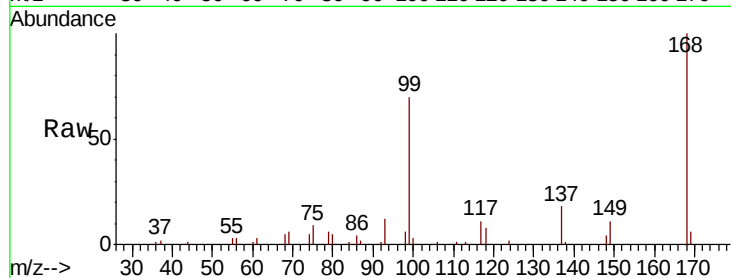




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059656.D
Acq: 31 Jul 2018 16:23

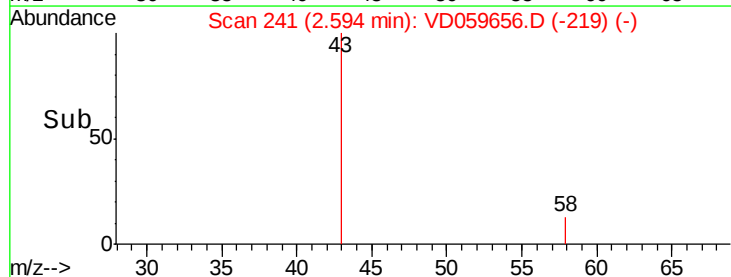
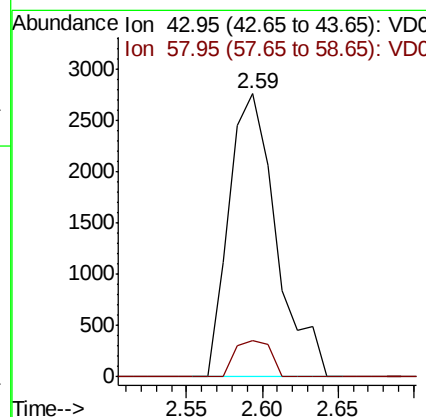
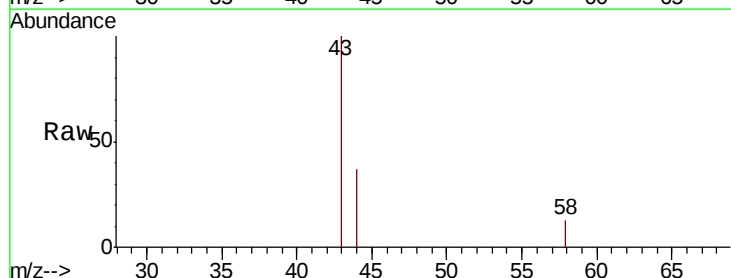
Instrument :
MSVOA_D
ClientSampleId :

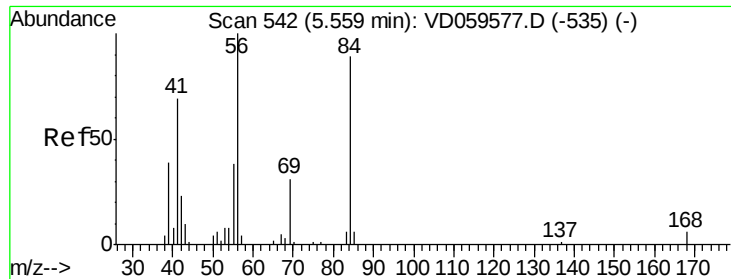
Tot Ion:168 Resp: 123614
Ion Ratio Lower Upper
168 100
99 69.8 47.3 70.9



#16
Acetone
Concen: 25.549 ug/l
RT: 2.59 min Scan# 241
Delta R.T. 0.02 min
Lab File: VD059656.D
Acq: 31 Jul 2018 16:23

Tgt Ion: 43 Resp: 5996
Ion Ratio Lower Upper
43 100
58 12.9 13.4 20.0#

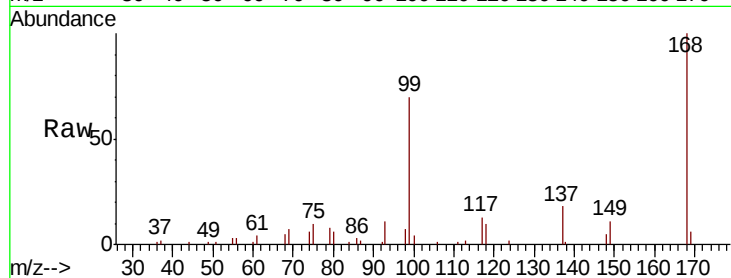




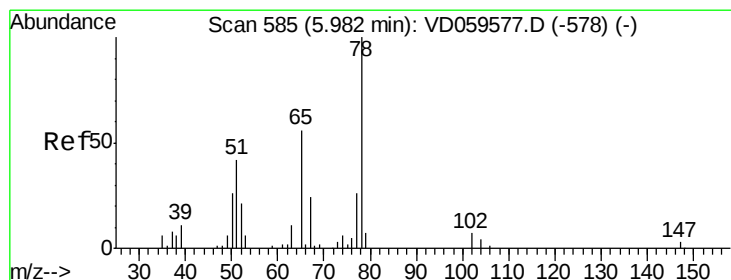
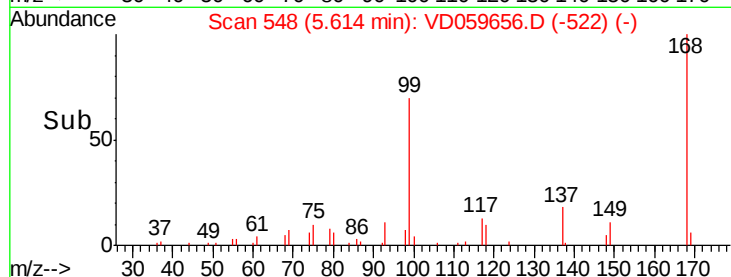
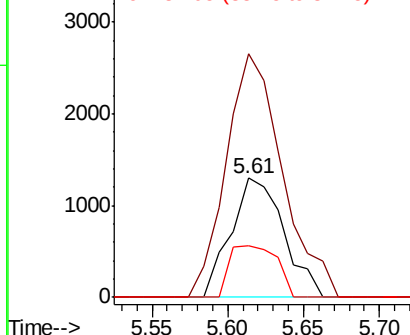
#31
Cyclohexane
Concen: Below Cal
RT: 5.61 min Scan# 548
Delta R.T. 0.06 min
Lab File: VD059656.D
Acq: 31 Jul 2018 16:23

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 3144
Ion Ratio Lower Upper
56 100
69 204.3 24.6 37.0#
84 43.8 72.7 109.1#

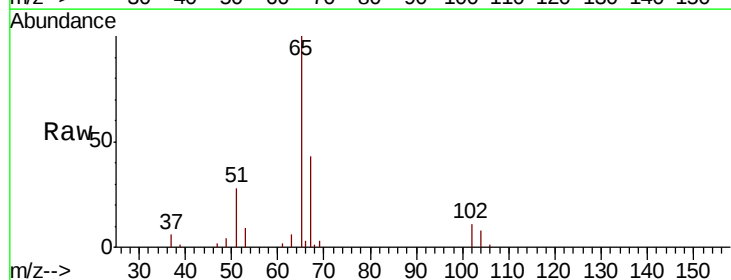


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

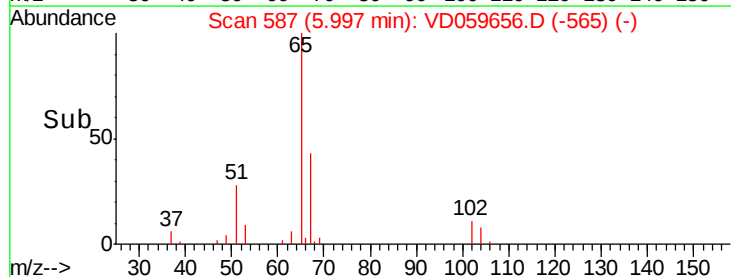
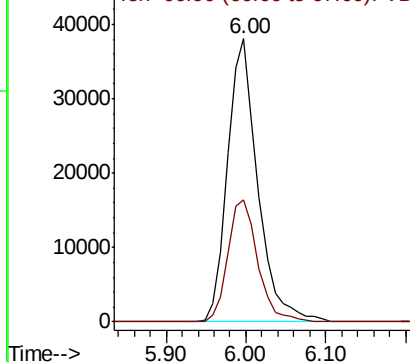


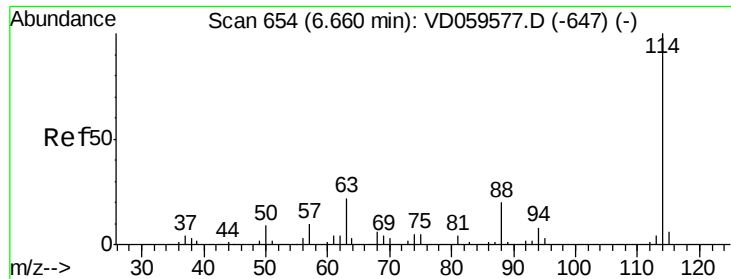
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.02 min
Lab File: VD059656.D
Acq: 31 Jul 2018 16:23

Tgt Ion: 65 Resp: 100852
Ion Ratio Lower Upper
65 100
67 42.9 0.0 86.4



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

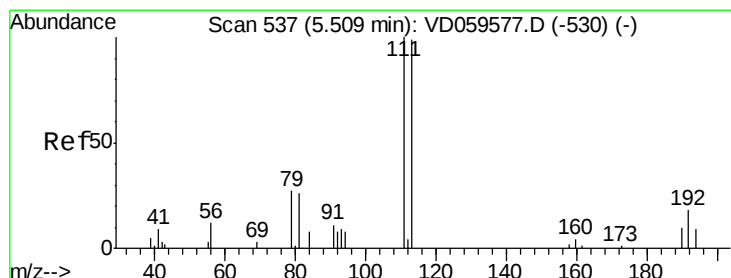
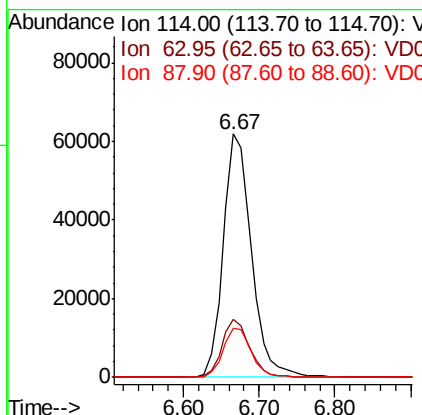
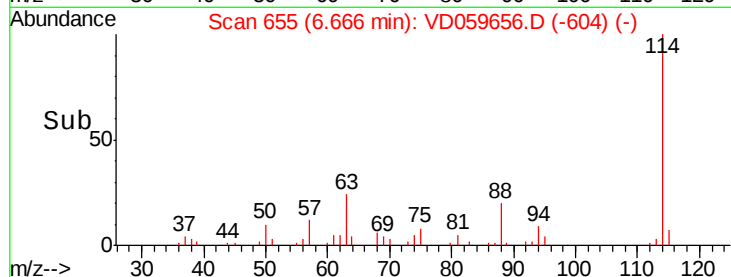
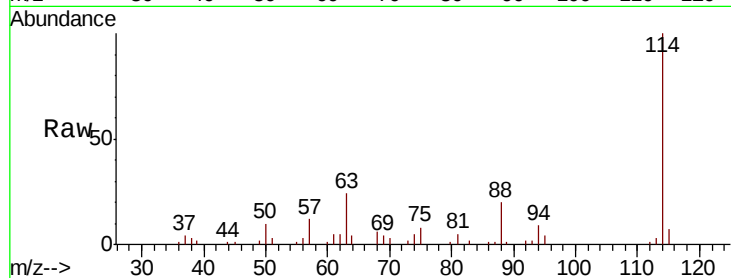




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VD059656.D
 Acq: 31 Jul 2018 16:23

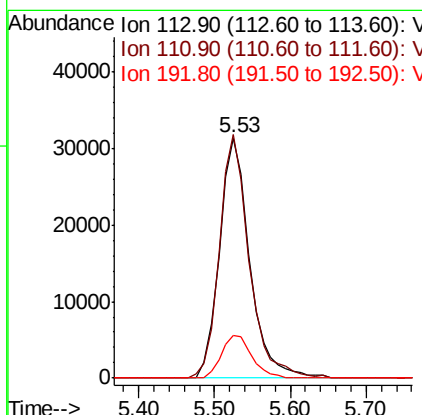
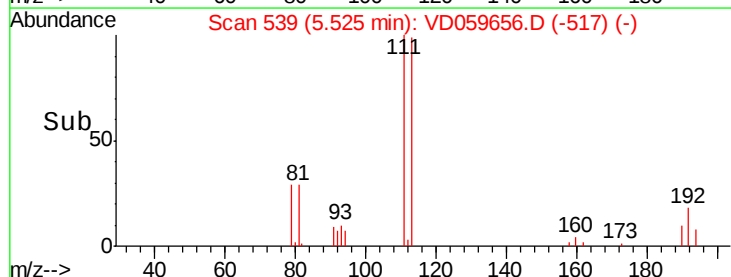
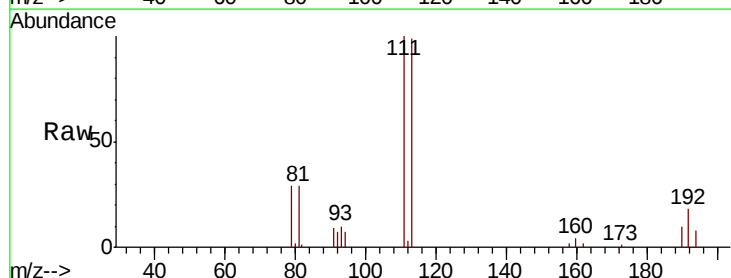
Instrument :
 MSVOA_D
 ClientSampleId :

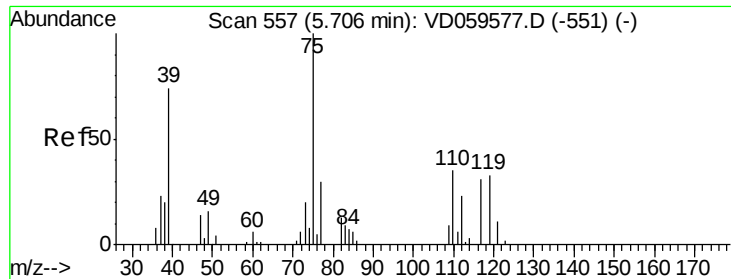
Tot Ion:114 Resp: 159268
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 43.8
 88 20.0 0.0 39.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059656.D
 Acq: 31 Jul 2018 16:23

Tgt Ion:113 Resp: 87016
 Ion Ratio Lower Upper
 113 100
 111 101.4 80.5 120.7
 192 17.8 14.5 21.7





#36

1,1-Dichloropropene

Concen: 6.755 ug/l

RT: 5.62 min Scan# 549

Delta R.T. -0.08 min

Lab File: VD059656.D

Acq: 31 Jul 2018 16:23

Instrument :

MSVOA_D

ClientSampled :

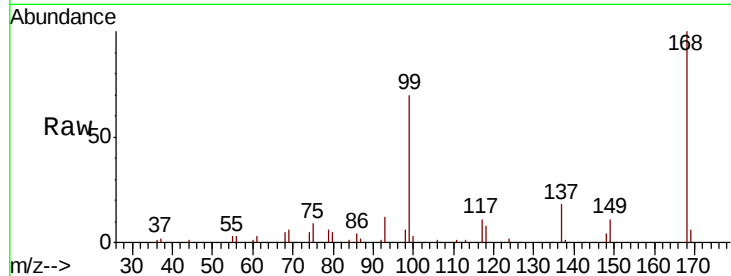
Tot Ion: 75 Resp: 10796

Ion Ratio Lower Upper

75 100

110 0.0 17.0 50.9#

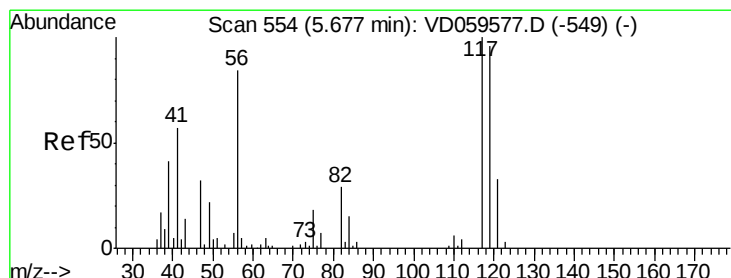
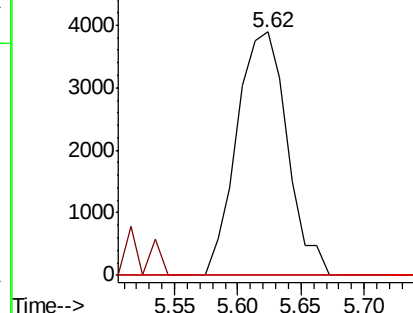
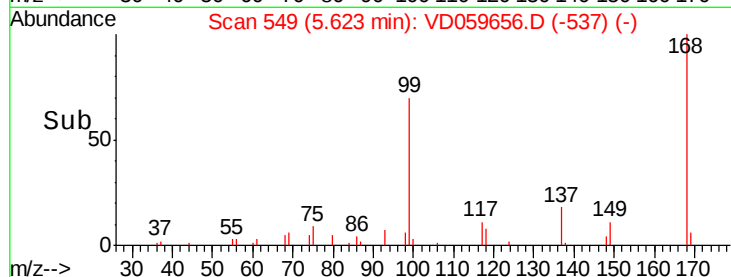
77 0.0 23.6 35.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 6.105 ug/l

RT: 5.61 min Scan# 548

Delta R.T. -0.06 min

Lab File: VD059656.D

Acq: 31 Jul 2018 16:23

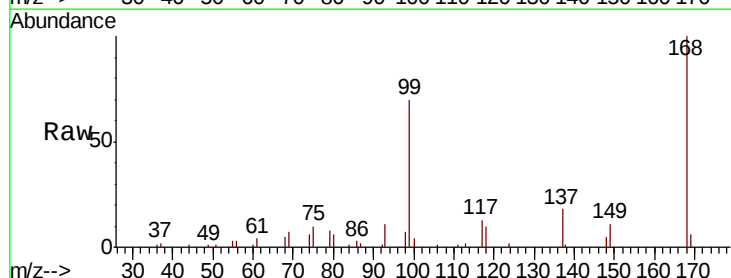
Tgt Ion: 117 Resp: 13361

Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

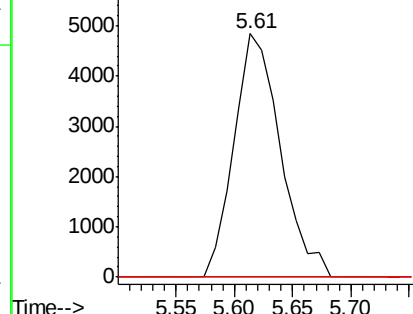
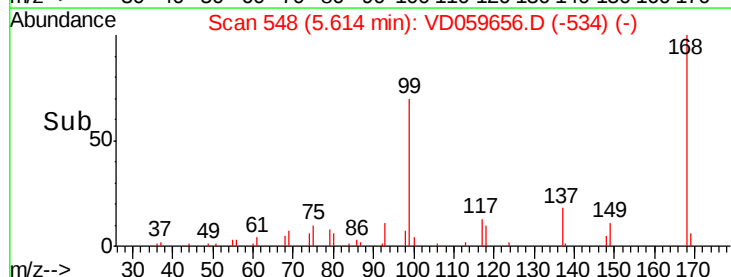
121 0.0 25.0 37.6#

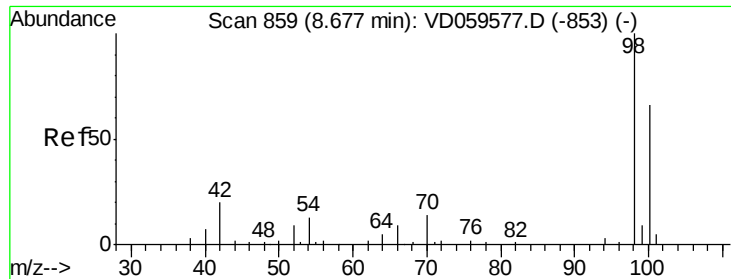


Abundance Ion 116.85 (116.55 to 117.55): V

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: VD059656.D

Acq: 31 Jul 2018 16:23

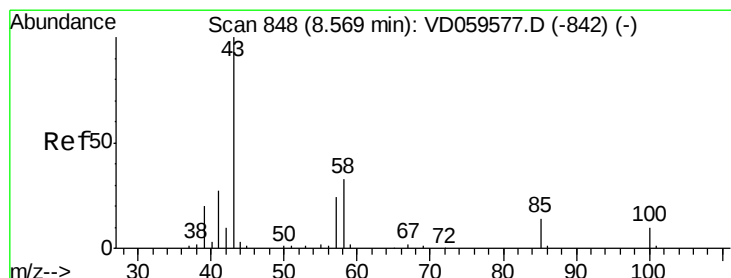
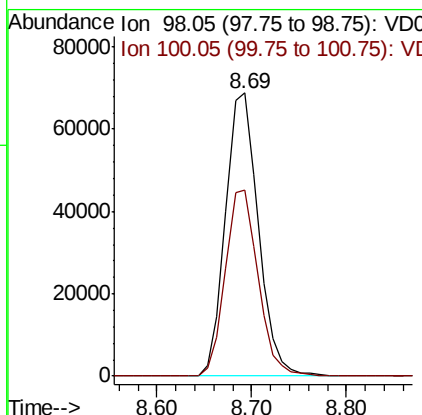
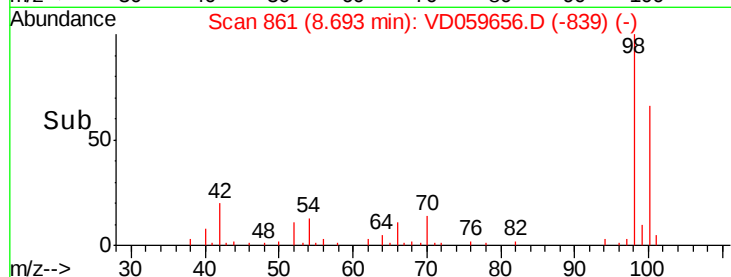
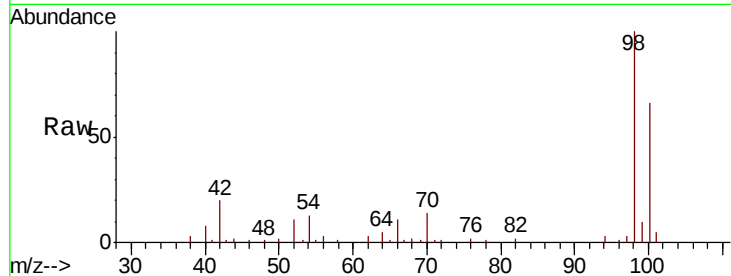
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 165446

Ion Ratio Lower Upper

98 100

100 65.7 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 1.321 ug/l

RT: 8.68 min Scan# 860

Delta R.T. 0.11 min

Lab File: VD059656.D

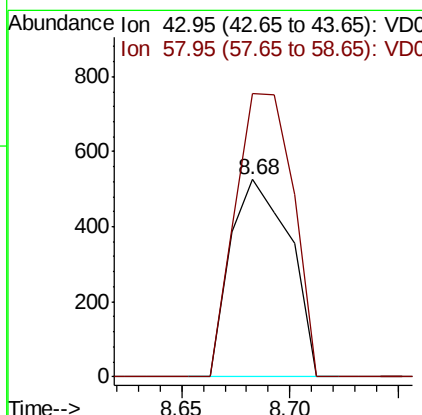
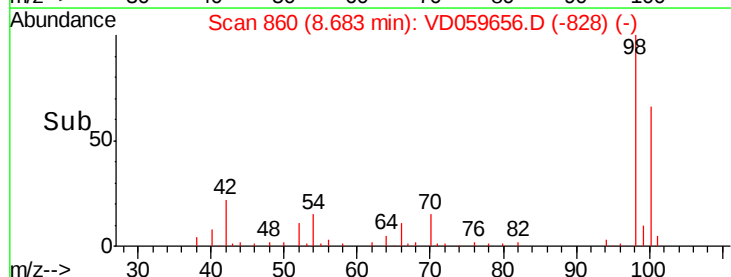
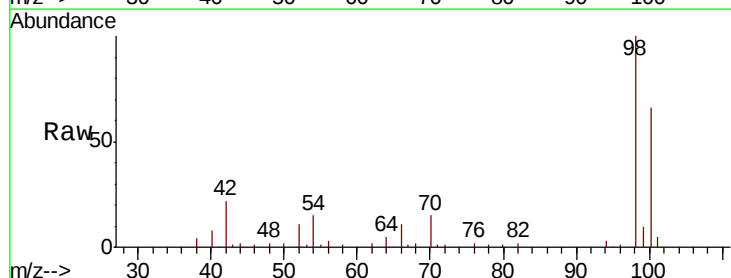
Acq: 31 Jul 2018 16:23

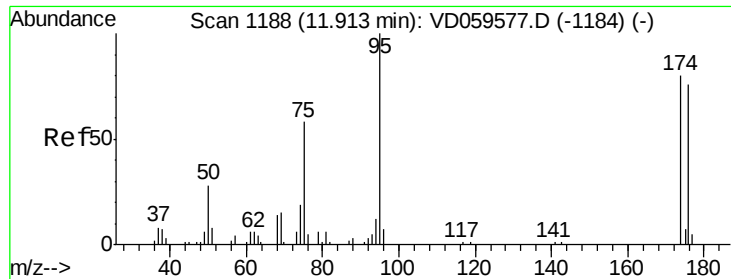
Tgt Ion: 43 Resp: 1006

Ion Ratio Lower Upper

43 100

58 143.6 26.3 39.5#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059656.D

Acq: 31 Jul 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

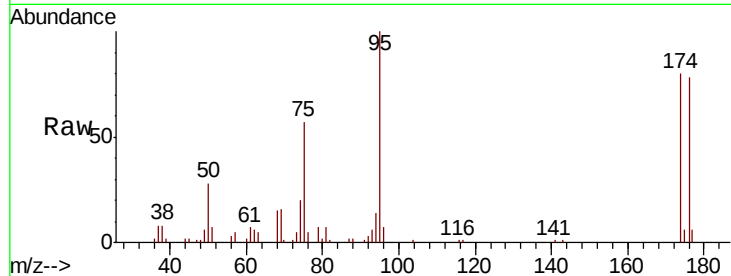
Tot Ion: 95 Resp: 71012

Ion Ratio Lower Upper

95 100

174 79.7 0.0 160.6

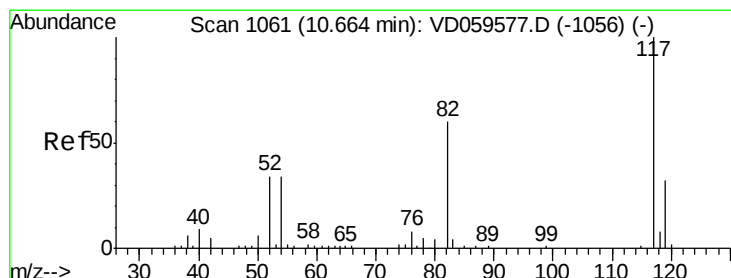
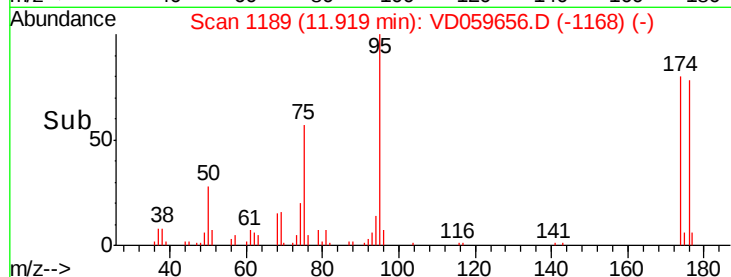
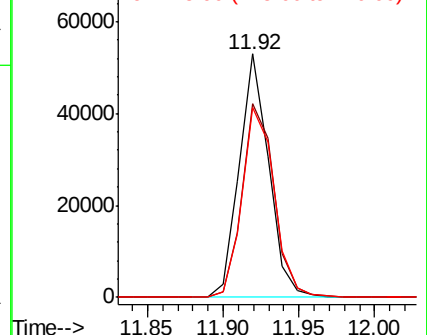
176 77.9 0.0 152.8



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: VD059656.D

Acq: 31 Jul 2018 16:23

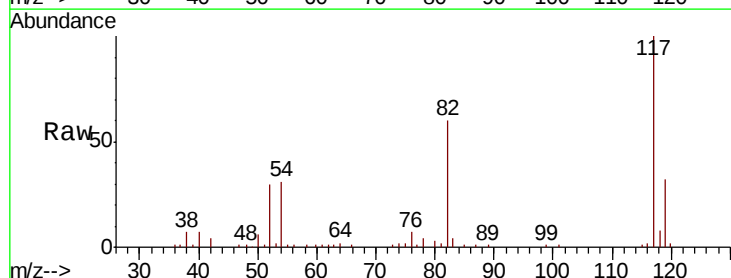
Tgt Ion: 117 Resp: 127246

Ion Ratio Lower Upper

117 100

82 60.4 48.2 72.2

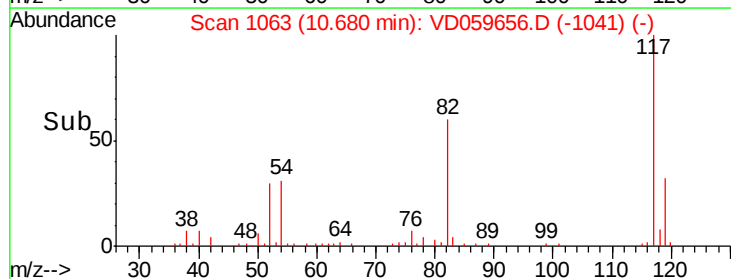
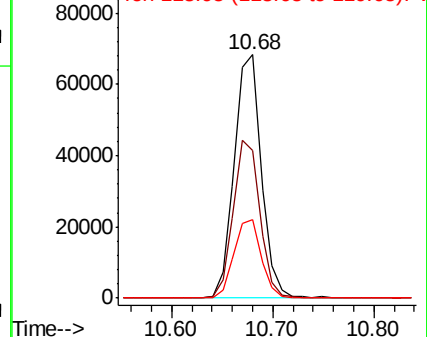
119 32.2 25.4 38.2

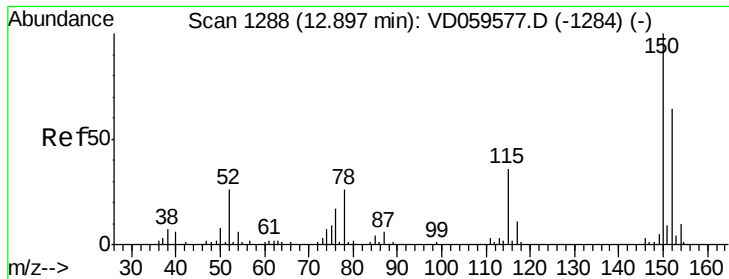


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD059656.D

Acq: 31 Jul 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

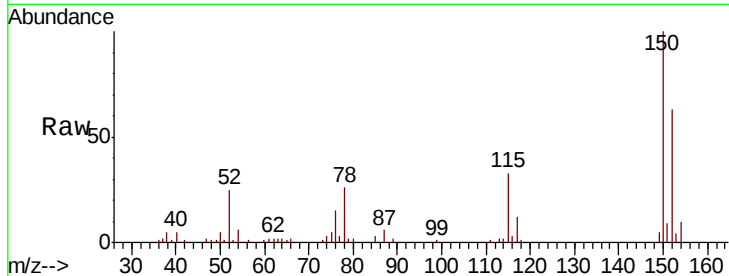
Tot Ion:152 Resp: 58329

Ion Ratio Lower Upper

152 100

115 52.1 29.5 88.6

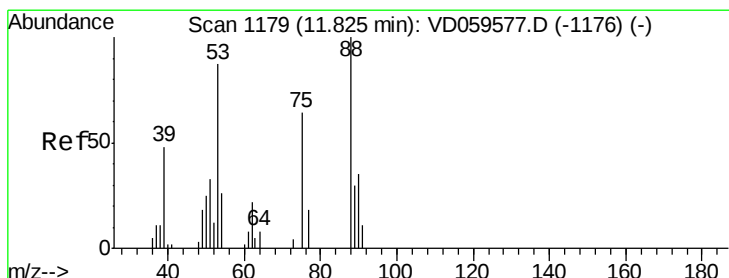
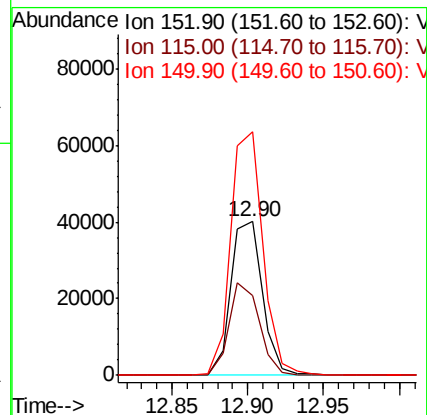
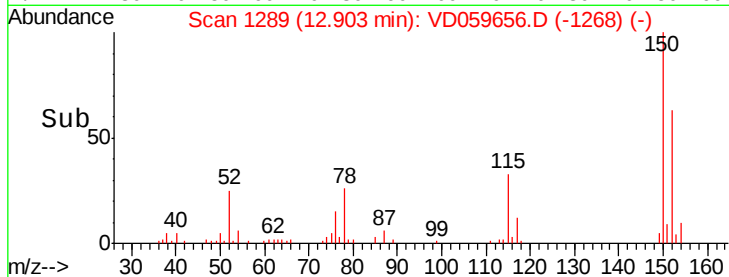
150 158.2 0.0 314.4



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: 162.775 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059656.D

Acq: 31 Jul 2018 16:23

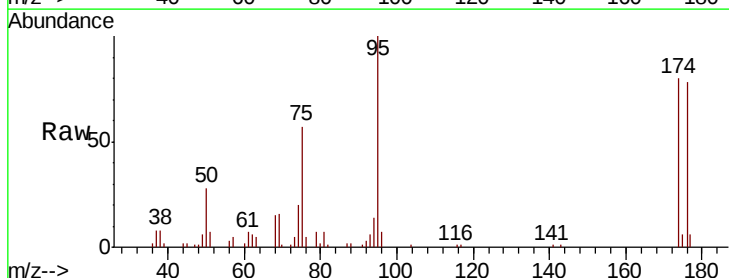
Tgt Ion: 75 Resp: 40143

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): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

