

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059661.D
 Acq On : 31 Jul 2018 18:48
 Operator : VA/AP
 Sample : J4228-02
 Misc : 5.07µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 01 06:42:54 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

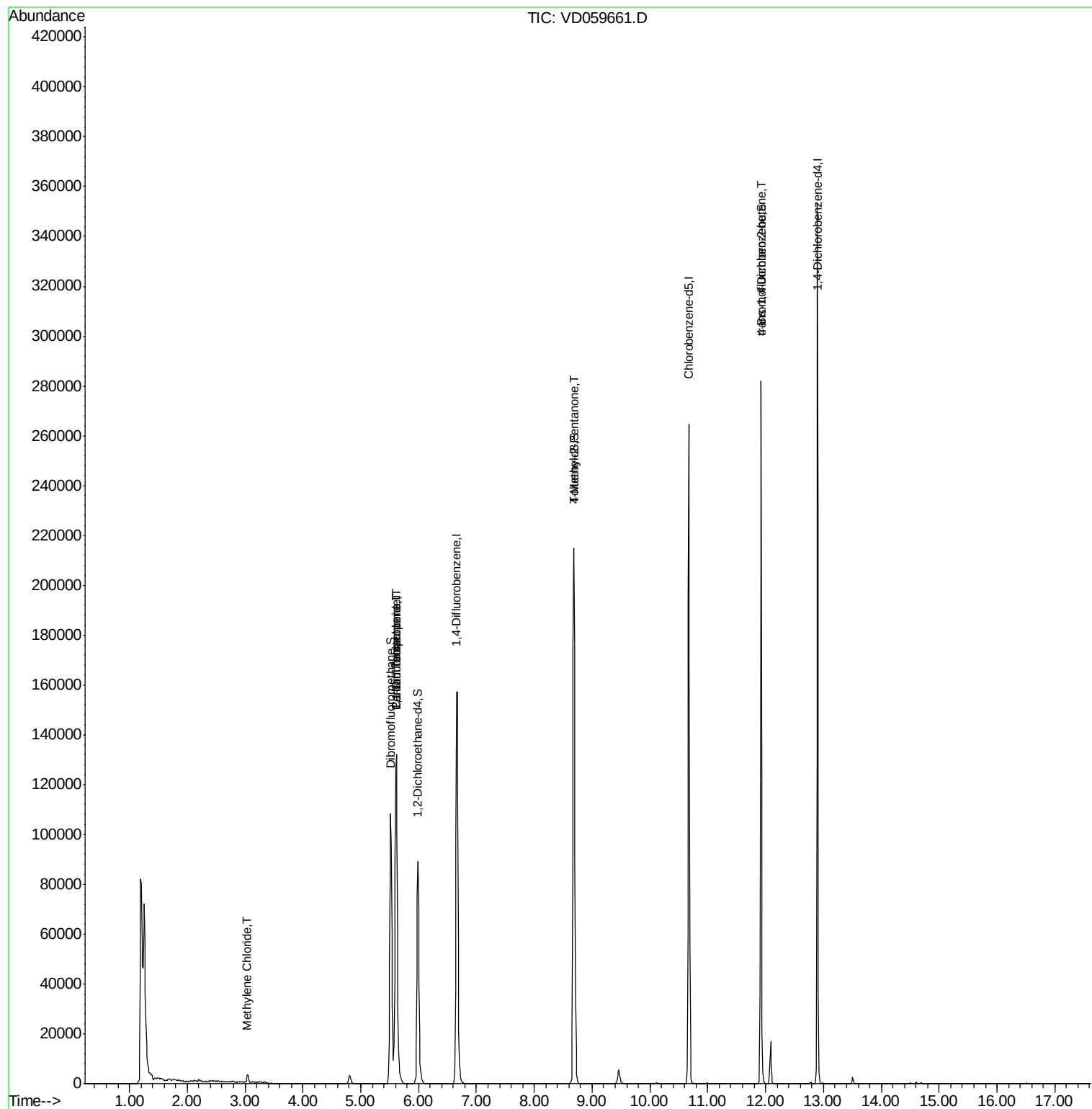
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	123159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	156867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	132968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	71302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	100203	64.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.44%	
35) Dibromofluoromethane	5.52	113	85114	63.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.50%	
50) Toluene-d8	8.68	98	167677	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
62) 4-Bromofluorobenzene	11.92	95	74289	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.04	84	1222	1.833	ug/l #	61
31) Cyclohexane	5.60	56	2840	Below Cal	#	7
36) 1,1-Dichloropropene	5.61	75	10542	6.697	ug/l #	52
38) Carbon Tetrachloride	5.61	117	12493	5.796	ug/l #	14
51) 4-Methyl-2-Pentanone	8.67	43	767	1.023	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.92	75	41627	138.081	ug/l #	1

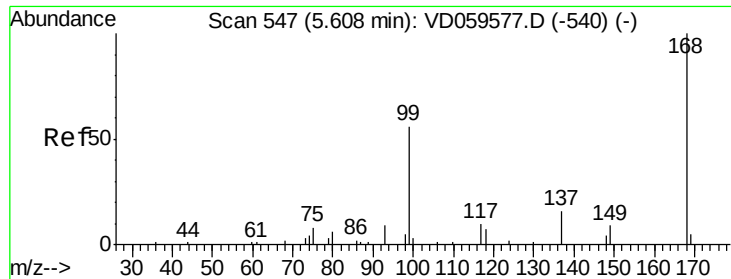
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073118\
Data File : VD059661.D
Acq On : 31 Jul 2018 18:48
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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

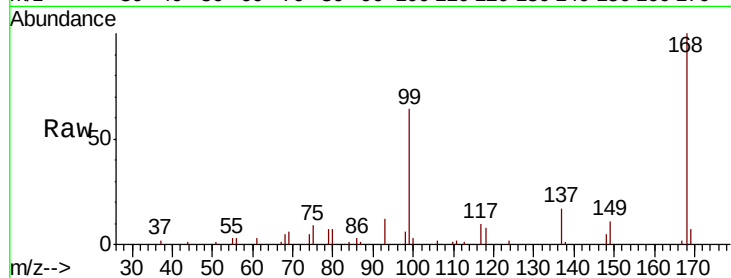




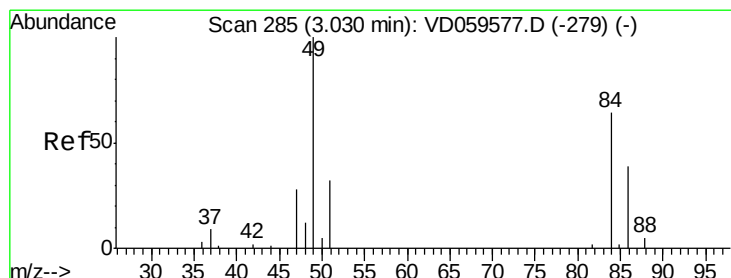
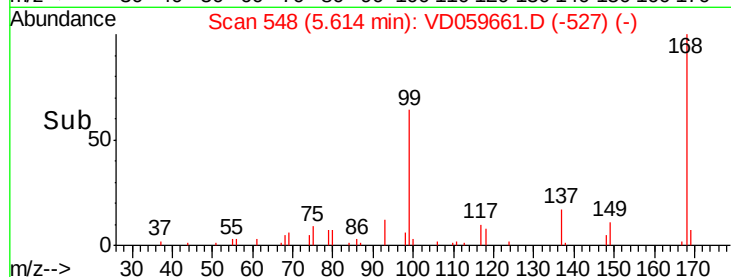
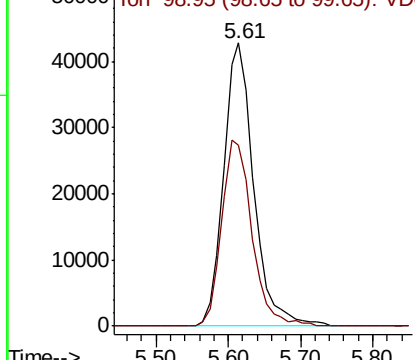
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059661.D
Acq: 31 Jul 2018 18:48

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 123159
Ion Ratio Lower Upper
168 100
99 63.8 47.3 70.9

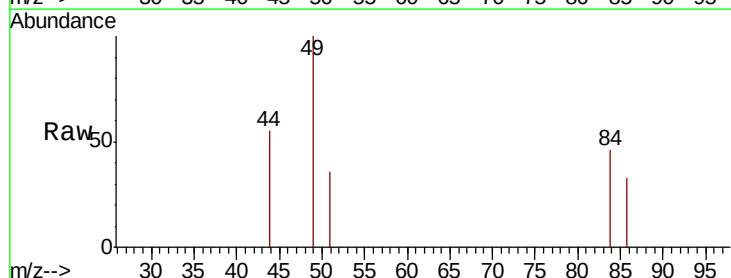


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

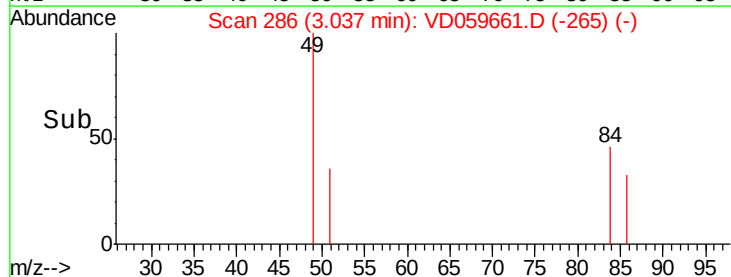
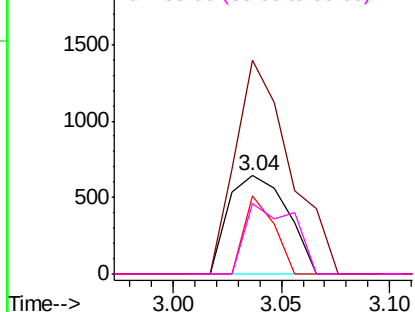


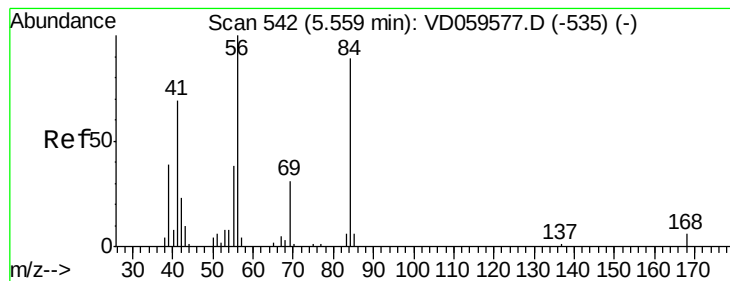
#20
Methylene Chloride
Concen: 1.833 ug/l
RT: 3.04 min Scan# 286
Delta R.T. 0.01 min
Lab File: VD059661.D
Acq: 31 Jul 2018 18:48

Tgt Ion: 84 Resp: 1222
Ion Ratio Lower Upper
84 100
49 217.8 125.4 188.2#
51 79.4 39.7 59.5#
86 71.8 49.1 73.7



Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC





#31

Cyclohexane

Concen: Below Cal

RT: 5.60 min Scan# 547

Delta R.T. 0.05 min

Lab File: VD059661.D

Acq: 31 Jul 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

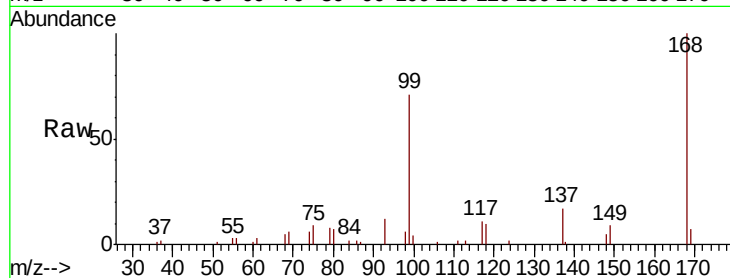
Tot Ion: 56 Resp: 2840

Ion Ratio Lower Upper

56 100

69 185.0 24.6 37.0#

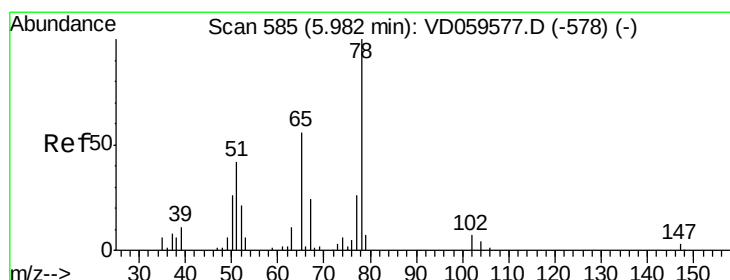
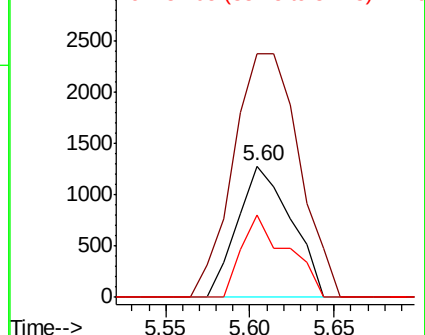
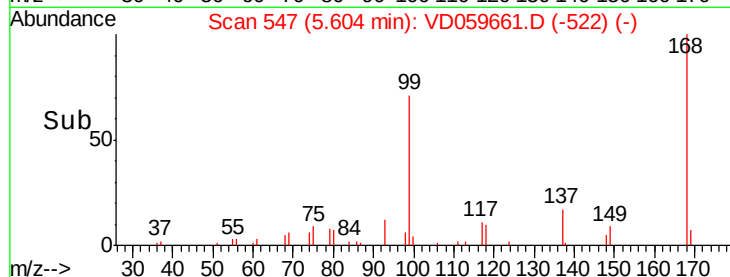
84 63.0 72.7 109.1#



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: 5.99 min Scan# 586

Delta R.T. 0.01 min

Lab File: VD059661.D

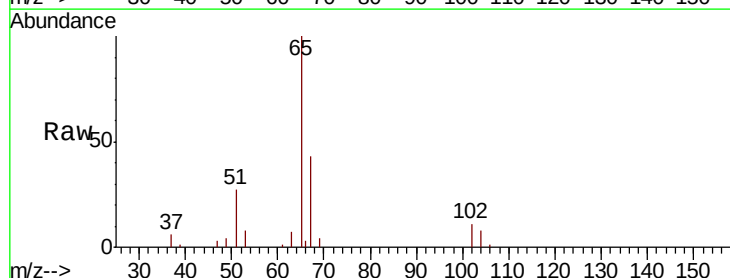
Acq: 31 Jul 2018 18:48

Tgt Ion: 65 Resp: 100203

Ion Ratio Lower Upper

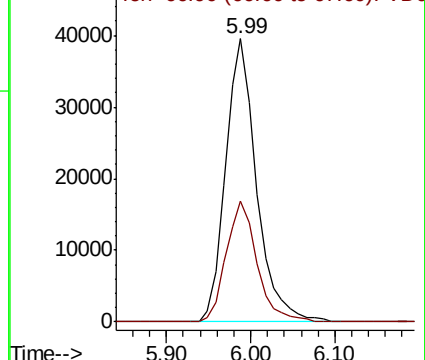
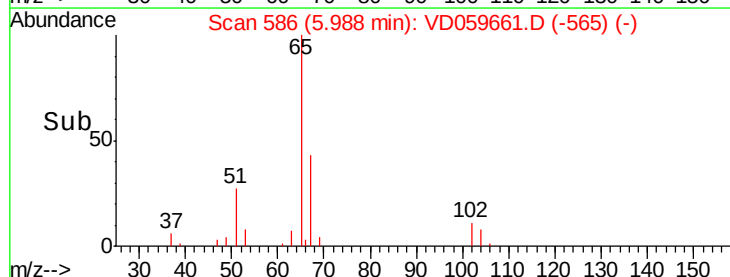
65 100

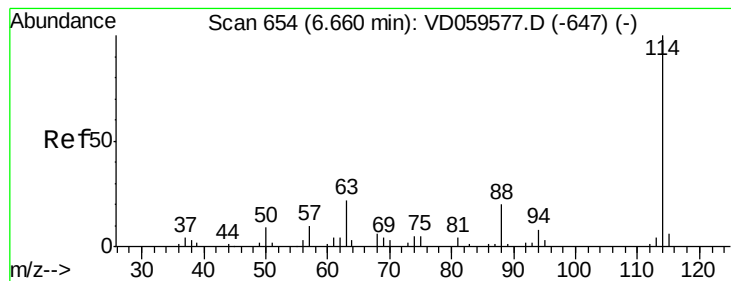
67 42.8 0.0 86.4



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: VD059661.D

Acq: 31 Jul 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

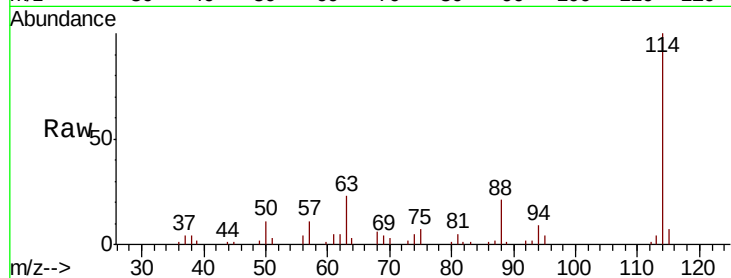
Tot Ion:114 Resp: 156867

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.8

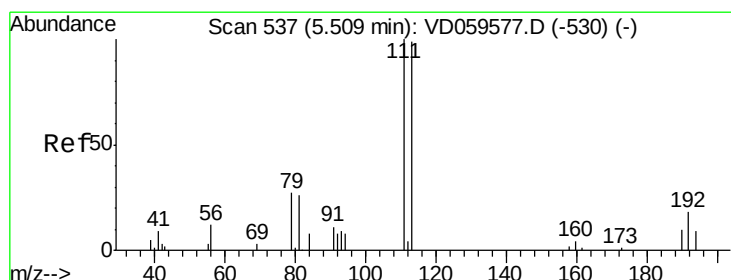
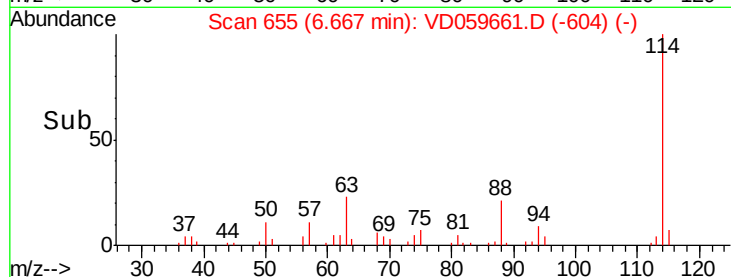
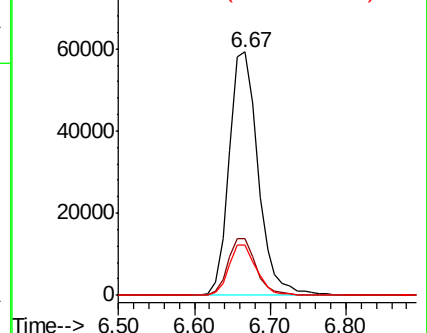
88 20.7 0.0 39.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.52 min Scan# 538

Delta R.T. 0.01 min

Lab File: VD059661.D

Acq: 31 Jul 2018 18:48

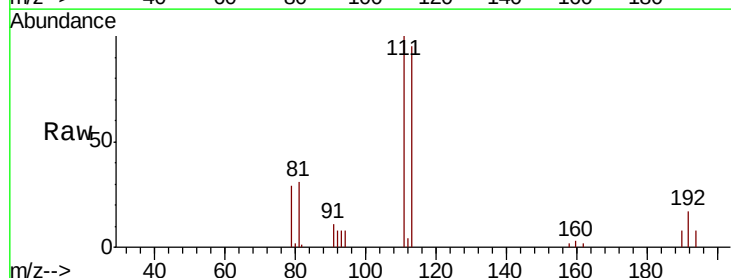
Tgt Ion:113 Resp: 85114

Ion Ratio Lower Upper

113 100

111 104.9 80.5 120.7

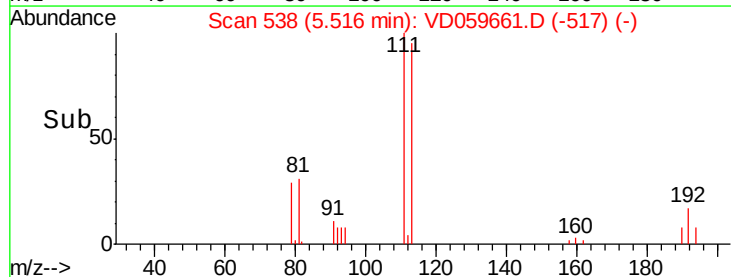
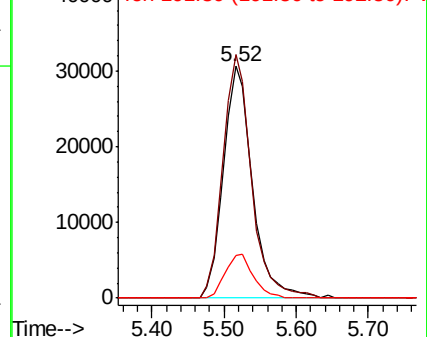
192 18.2 14.5 21.7

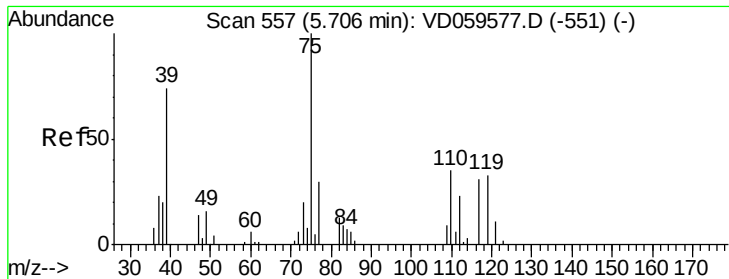


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

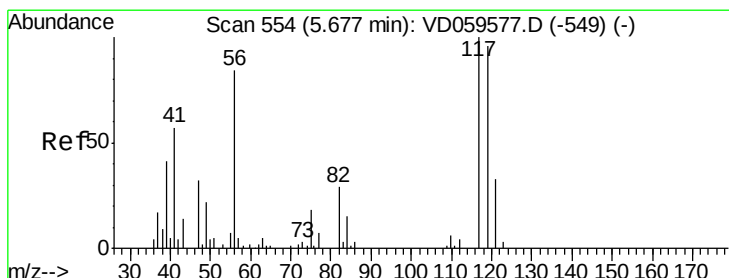
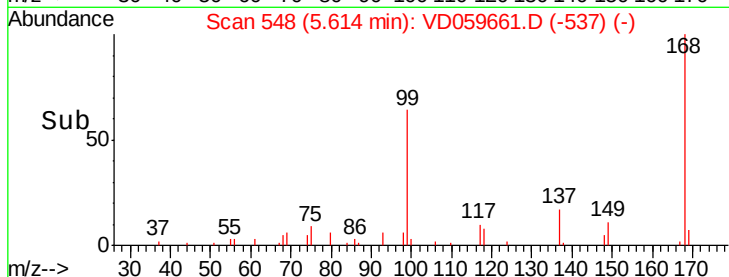
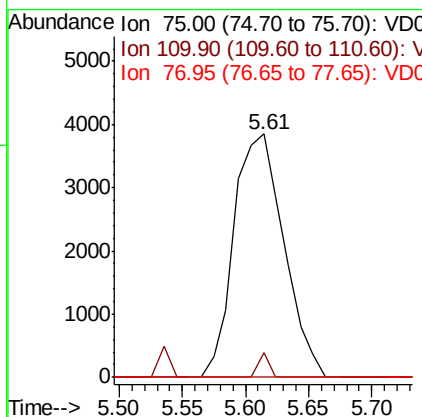
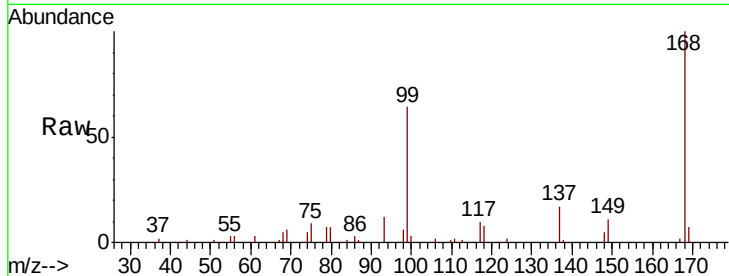




#36
 1,1-Dichloropropene
 Concen: 6.697 ug/l
 RT: 5.61 min Scan# 548
 Delta R.T. -0.09 min
 Lab File: VD059661.D
 Acq: 31 Jul 2018 18:48

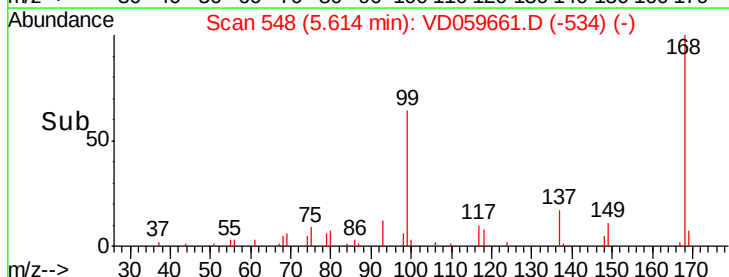
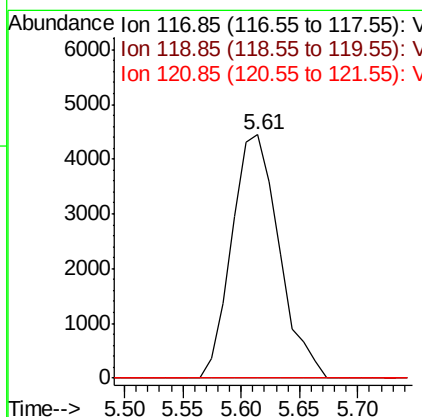
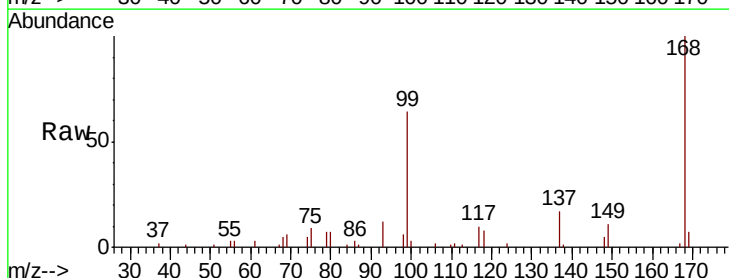
Instrument :
 MSVOA_D
 ClientSampleID :

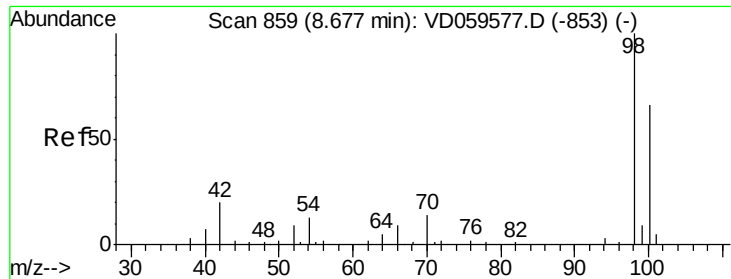
Tot Ion	75	Resp	10542
Ion Ratio	100	Lower	Upper
75	100		
110	9.9	17.0	50.9#
77	0.0	23.6	35.4#



#38
 Carbon Tetrachloride
 Concen: 5.796 ug/l
 RT: 5.61 min Scan# 548
 Delta R.T. -0.06 min
 Lab File: VD059661.D
 Acq: 31 Jul 2018 18:48

Tgt Ion	117	Resp	12493
Ion Ratio	100	Lower	Upper
117	100		
119	0.0	73.6	110.4#
121	0.0	25.0	37.6#

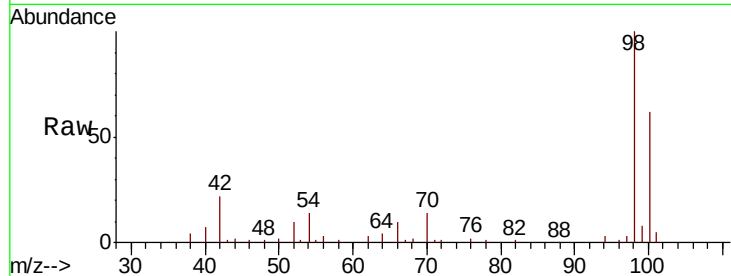




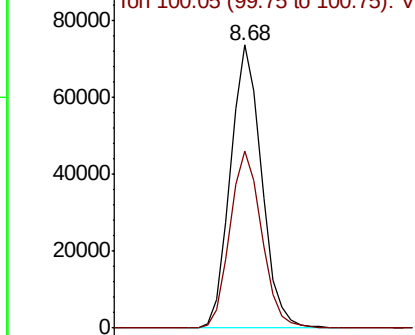
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 860
Delta R.T. 0.01 min
Lab File: VD059661.D
Acq: 31 Jul 2018 18:48

Instrument :
MSVOA_D
ClientSampleId :

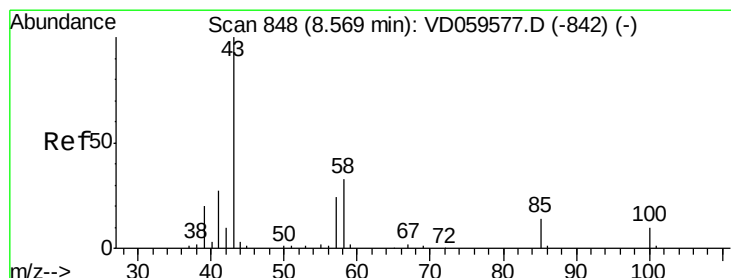
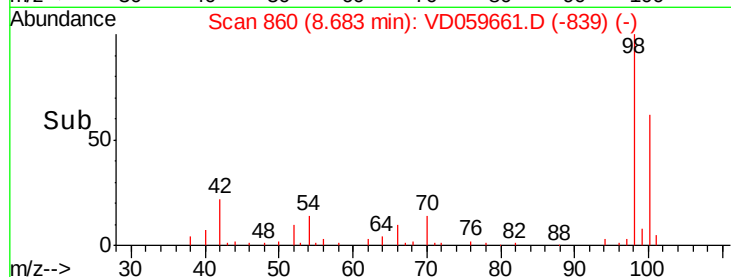
Tot Ion: 98 Resp: 167677
Ion Ratio Lower Upper
98 100
100 62.4 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VD059577.D (-853) (-)
Ion 100.05 (99.75 to 100.75): VD059577.D (-853) (-)

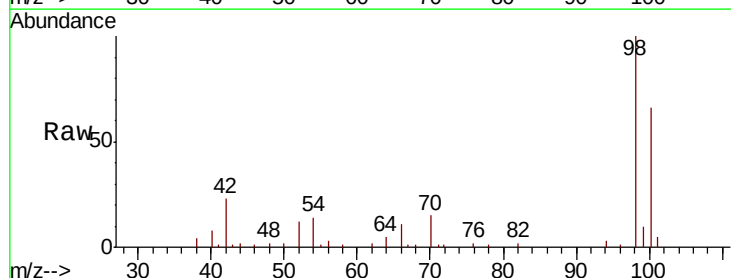


Time-->

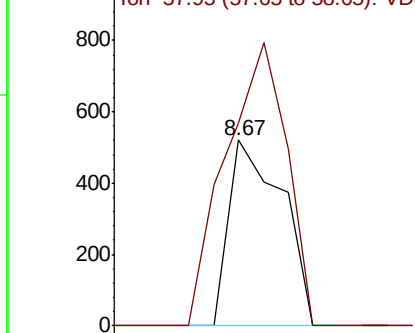


#51
4-Methyl-2-Pentanone
Concen: 1.023 ug/l
RT: 8.67 min Scan# 859
Delta R.T. 0.10 min
Lab File: VD059661.D
Acq: 31 Jul 2018 18:48

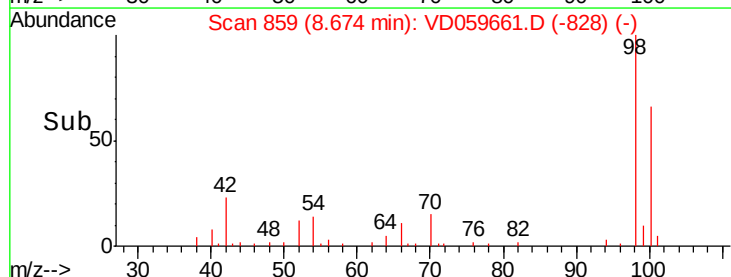
Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
58 108.8 26.3 39.5#

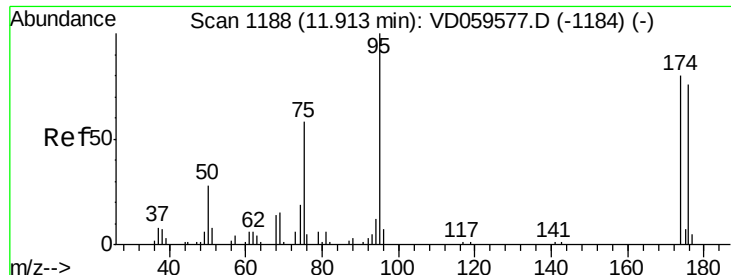


Abundance Ion 42.95 (42.65 to 43.65): VD059577.D (-842) (-)
Ion 57.95 (57.65 to 58.65): VD059577.D (-842) (-)



Time-->

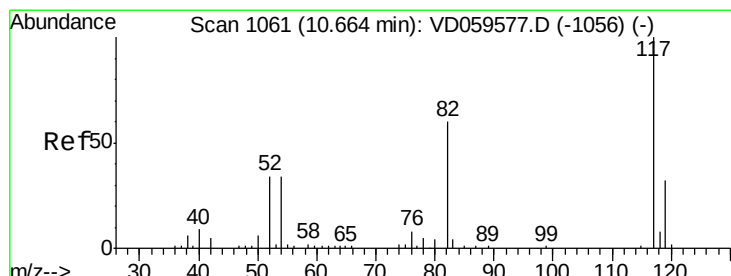
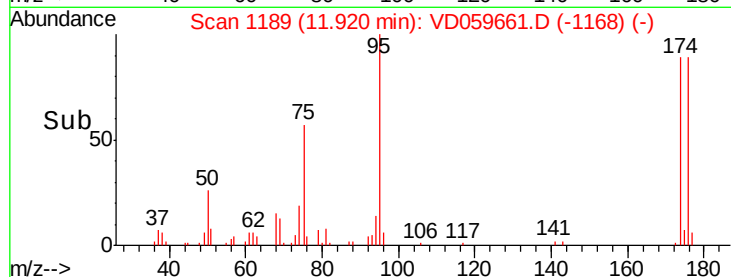
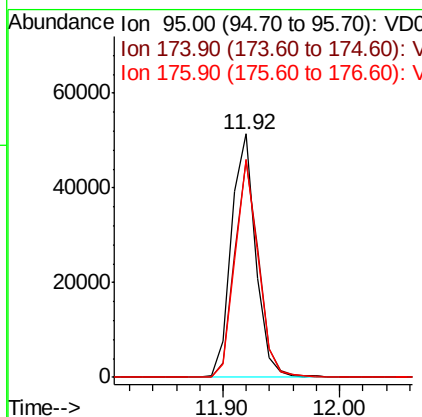
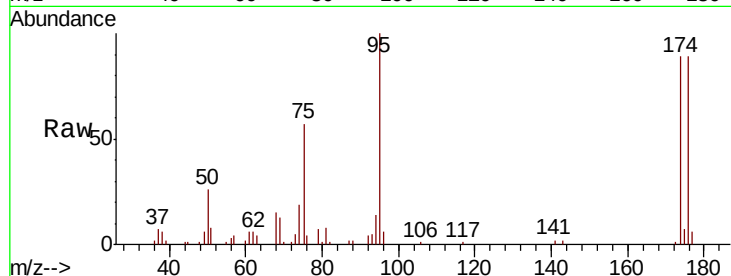




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059661.D
Acq: 31 Jul 2018 18:48

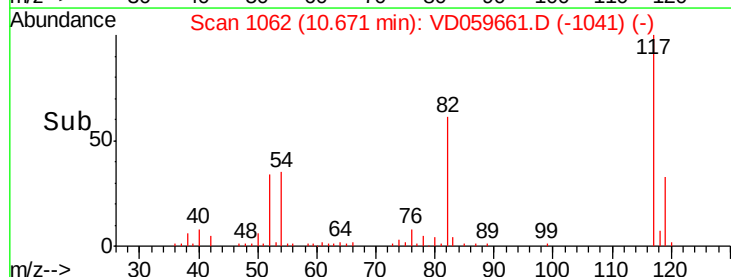
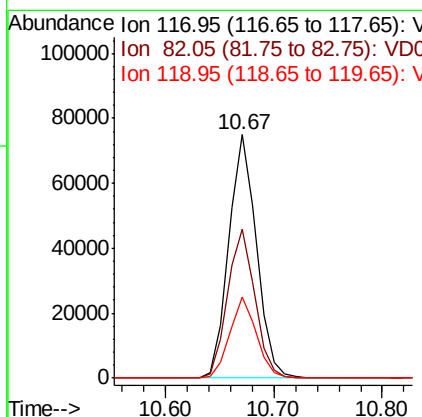
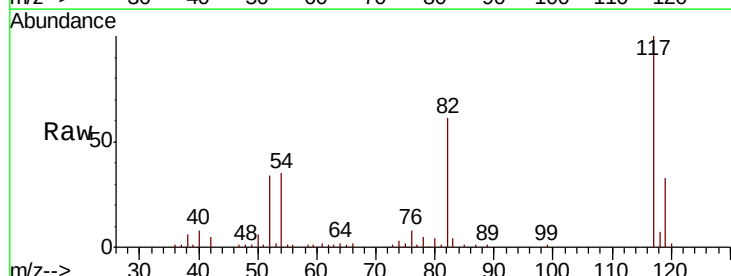
Instrument :
MSVOA_D
ClientSampleId :

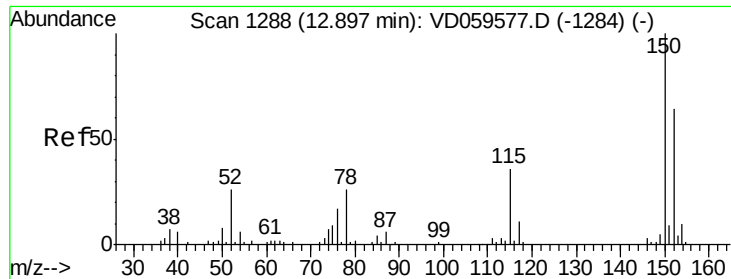
Tot Ion: 95 Resp: 74289
Ion Ratio Lower Upper
95 100
174 89.3 0.0 160.6
176 89.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059661.D
Acq: 31 Jul 2018 18:48

Tgt Ion: 117 Resp: 132968
Ion Ratio Lower Upper
117 100
82 61.4 48.2 72.2
119 33.4 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.89 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD059661.D

Acq: 31 Jul 2018 18:48

Instrument :

MSVOA_D

ClientSampled :

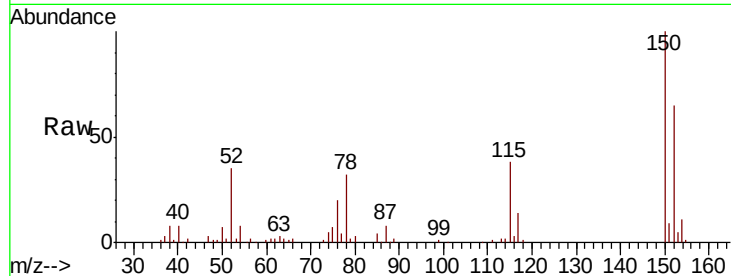
Tot Ion:152 Resp: 71302

Ion Ratio Lower Upper

152 100

115 59.3 29.5 88.6

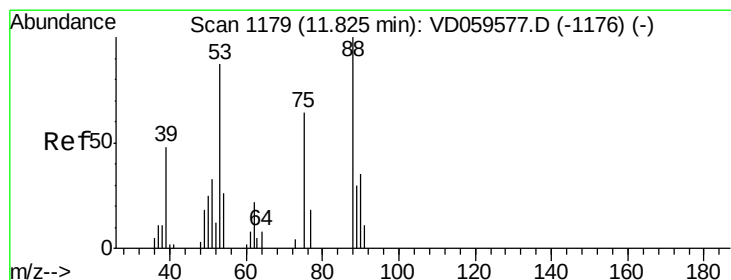
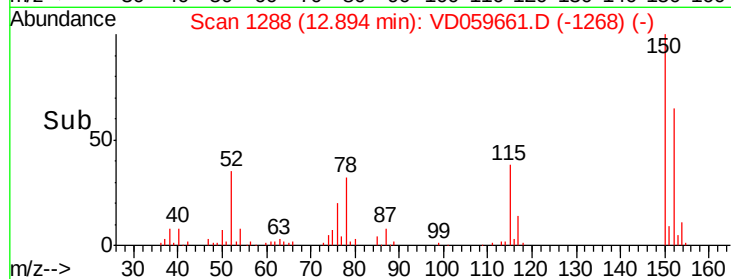
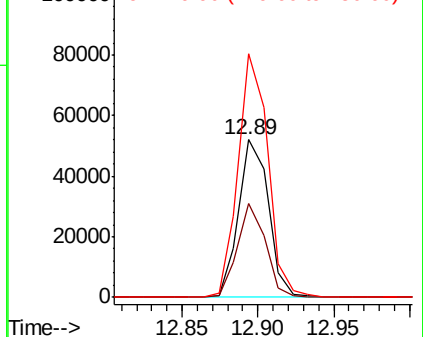
150 154.6 0.0 314.4



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: 138.081 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059661.D

Acq: 31 Jul 2018 18:48

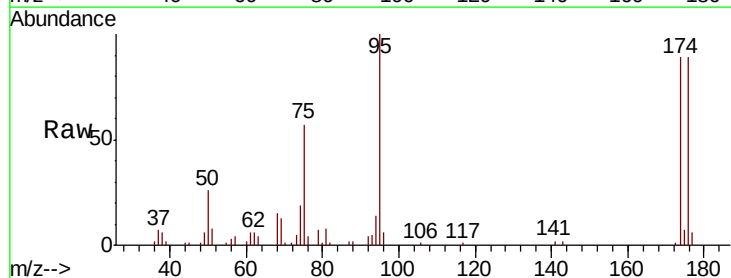
Tgt Ion: 75 Resp: 41627

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

