

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081618\
 Data File : VD059812.D
 Acq On : 16 Aug 2018 15:53
 Operator : VA/AP
 Sample : J4460-02
 Misc : 5.02g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-080918-SW-002

Quant Time: Aug 17 01:10:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

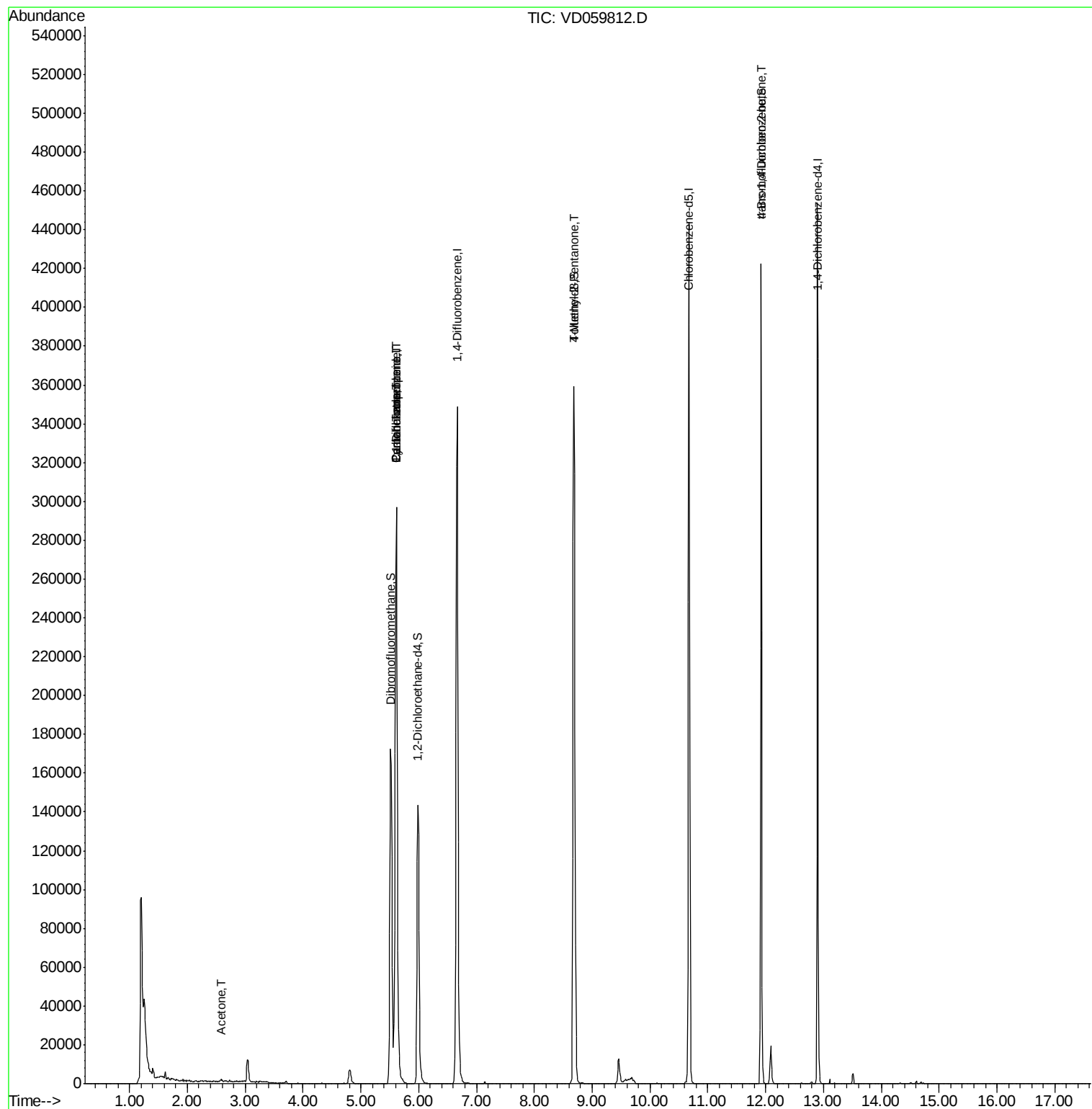
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	264839	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.67	114	331747	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.67	117	236373	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.89	152	98195	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	158642	46.62	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.24%	
35) Dibromofluoromethane	5.51	113	142754	49.38	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	8.68	98	288476	42.13	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.26%	
62) 4-Bromofluorobenzene	11.92	95	109764	35.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.56%	
Target Compounds						
					Qvalue	
16) Acetone	2.58	43	2235	4.162	ug/l #	57
31) Cyclohexane	5.61	56	6106	1.767	ug/l #	1
36) 1,1-Dichloropropene	5.60	75	23813	6.996	ug/l #	50
38) Carbon Tetrachloride	5.61	117	25625	6.240	ug/l #	16
51) 4-Methyl-2-Pentanone	8.69	43	1957	1.204	ug/l #	5
81) trans-1,4-Dichloro-2-buten	11.92	75	56206	172.435	ug/l #	1

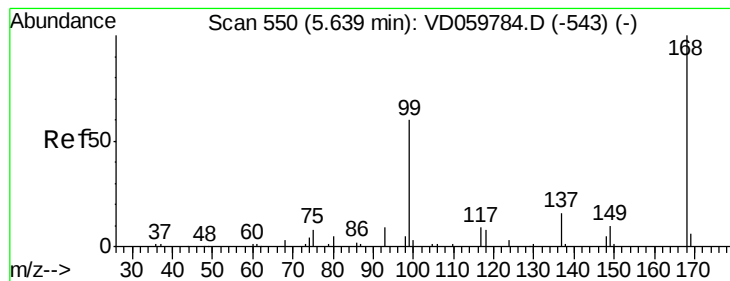
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081618\
Data File : VD059812.D
Acq On : 16 Aug 2018 15:53
Operator : VA/AP
Sample : J4460-02
Misc : 5.02g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-080918-SW-002

Quant Time: Aug 17 01:10:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 548

Delta R.T. -0.03 min

Lab File: VD059812.D

Acq: 16 Aug 2018 15:53

Instrument :

MSVOA_D

ClientSampleId :

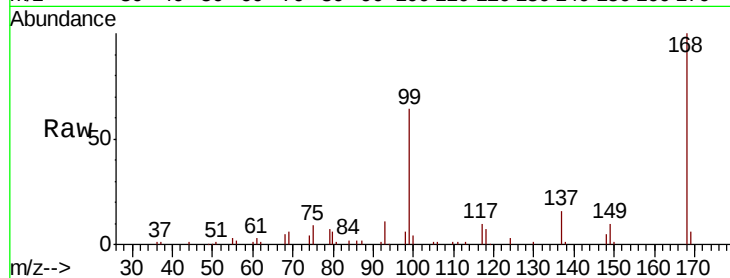
RA-080918-SW-002

Tgt Ion: 168 Resp: 264839

Ion Ratio Lower Upper

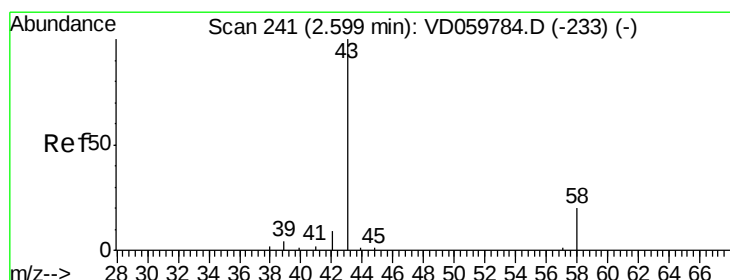
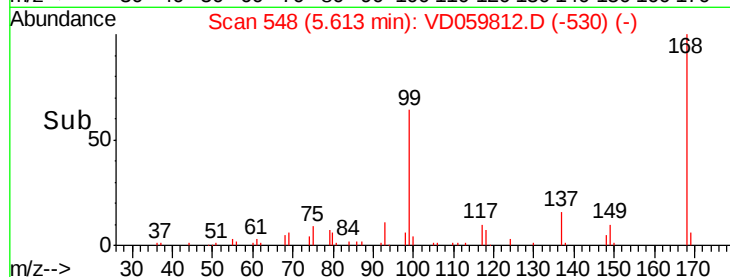
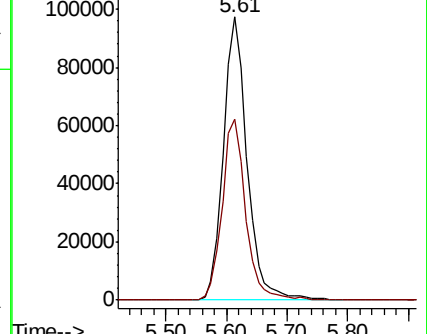
168 100

99 63.9 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 4.162 ug/l

RT: 2.58 min Scan# 240

Delta R.T. -0.02 min

Lab File: VD059812.D

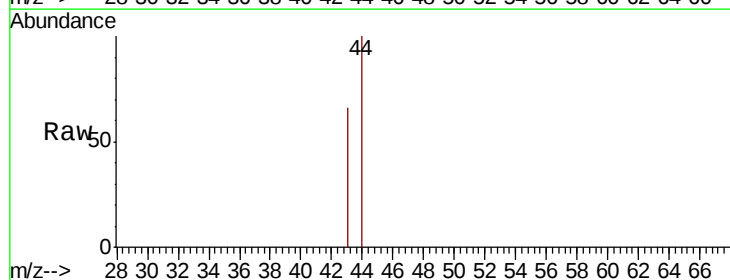
Acq: 16 Aug 2018 15:53

Tgt Ion: 43 Resp: 2235

Ion Ratio Lower Upper

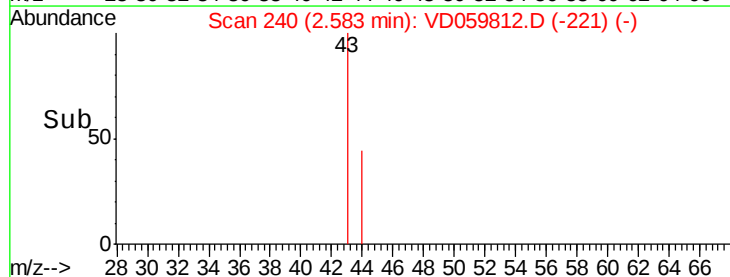
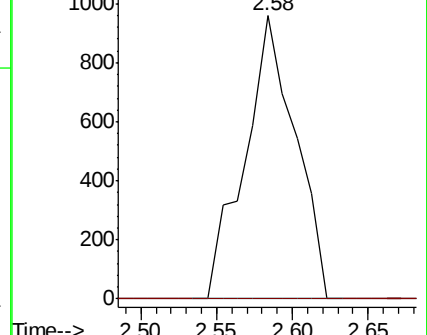
43 100

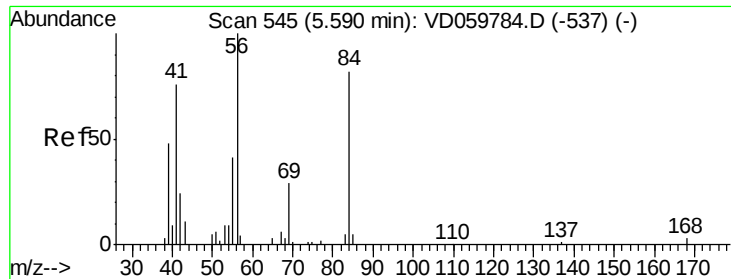
58 0.0 15.7 23.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

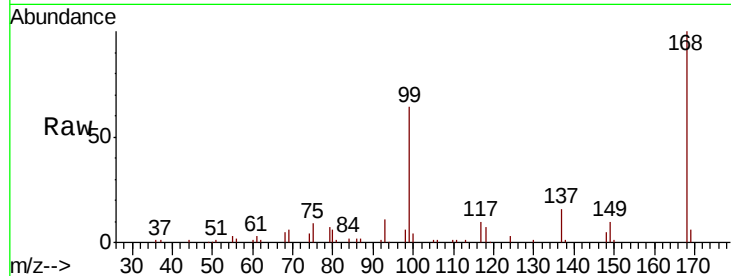




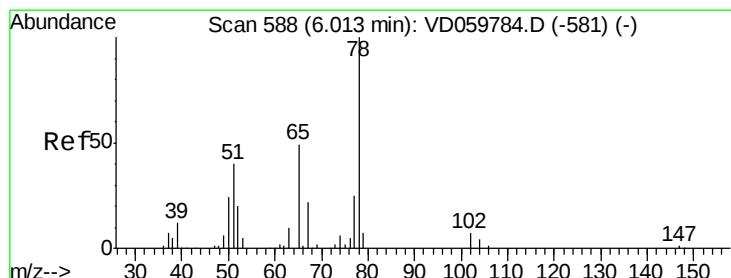
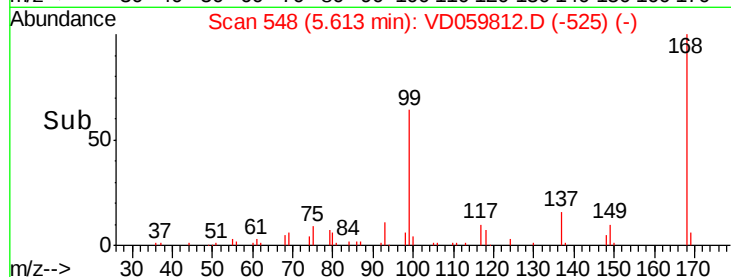
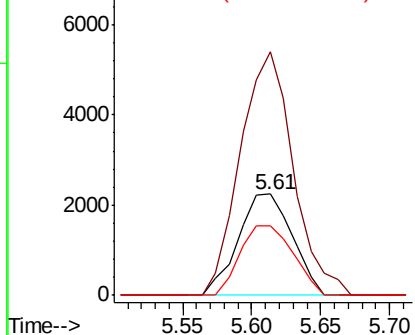
#31
Cyclohexane
Concen: 1.767 ug/l
RT: 5.61 min Scan# 548
Delta R.T. 0.02 min
Lab File: VD059812.D
Acq: 16 Aug 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :
RA-080918-SW-002

Tgt Ion: 56 Resp: 6106
Ion Ratio Lower Upper
56 100
69 240.5 23.4 35.2#
84 68.2 65.4 98.2

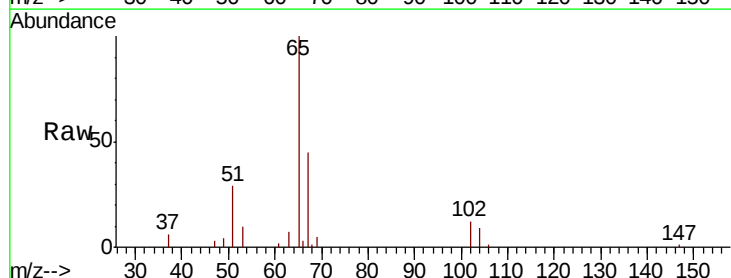


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

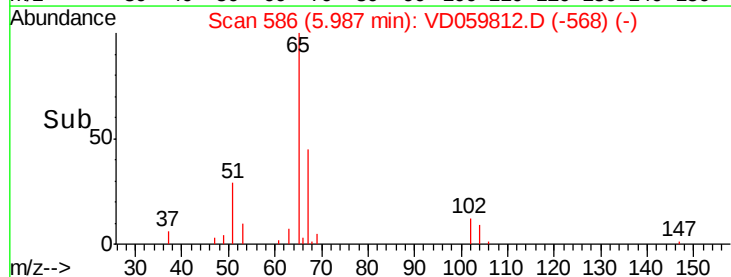
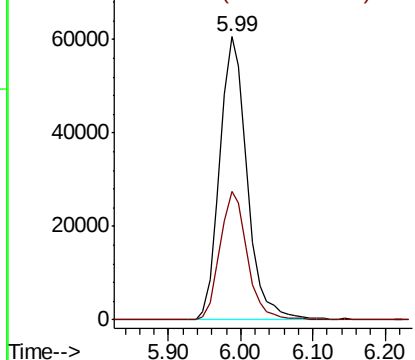


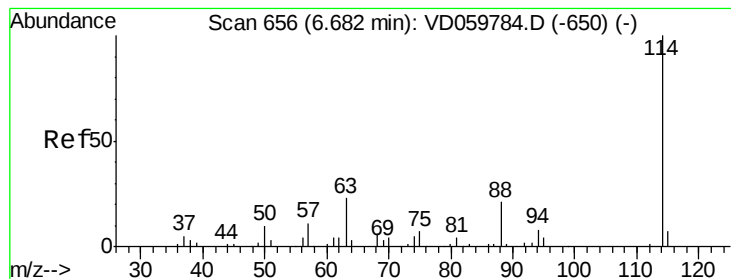
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. -0.03 min
Lab File: VD059812.D
Acq: 16 Aug 2018 15:53

Tgt Ion: 65 Resp: 158642
Ion Ratio Lower Upper
65 100
67 45.3 0.0 87.8



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. -0.02 min

Lab File: VD059812.D

Acq: 16 Aug 2018 15:53

Instrument :

MSVOA_D

ClientSampleId :

RA-080918-SW-002

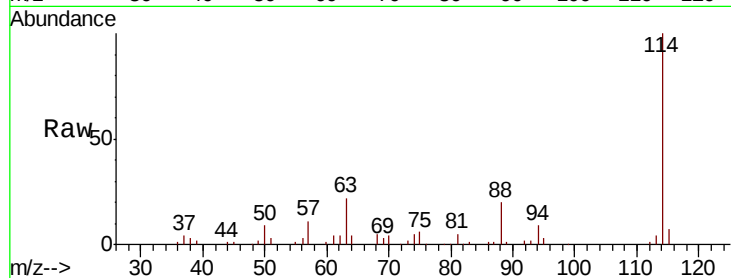
Tgt Ion:114 Resp: 331747

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

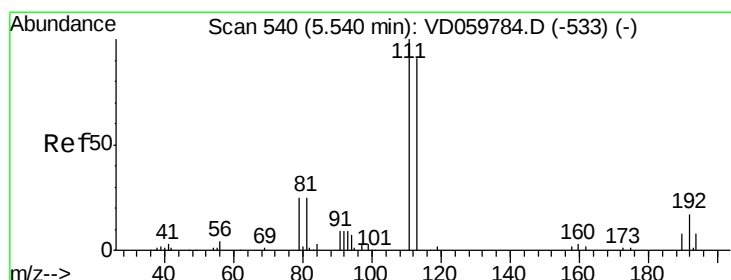
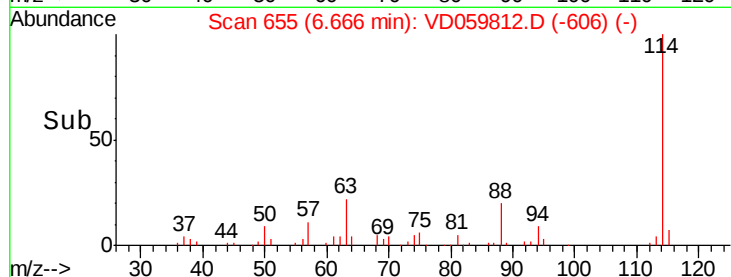
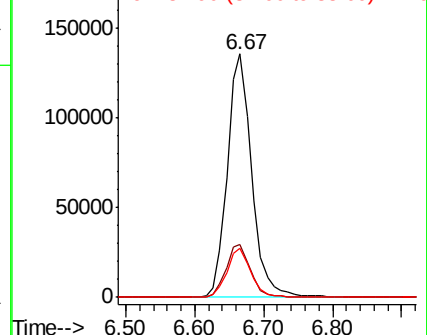
88 20.3 0.0 41.2



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: 5.51 min Scan# 538

Delta R.T. -0.03 min

Lab File: VD059812.D

Acq: 16 Aug 2018 15:53

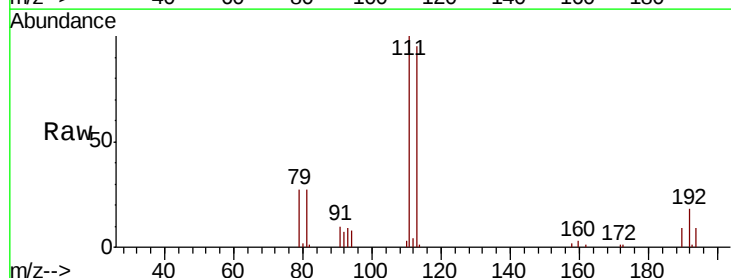
Tgt Ion:113 Resp: 142754

Ion Ratio Lower Upper

113 100

111 104.9 87.7 131.5

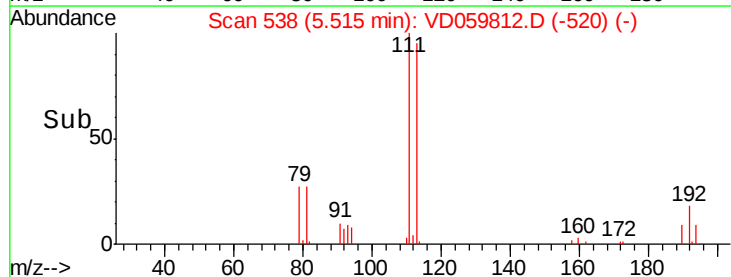
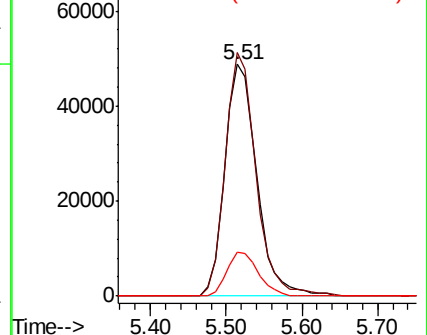
192 18.9 14.6 21.8

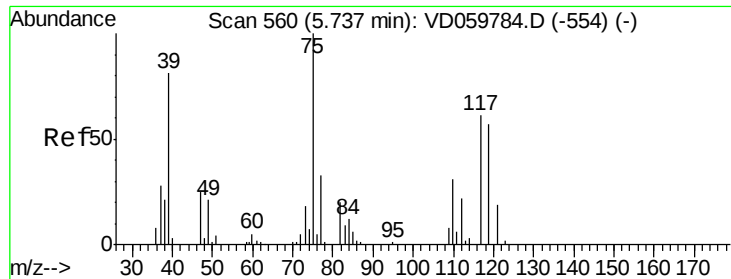


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

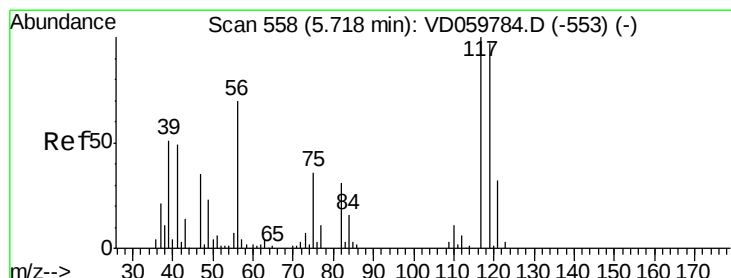
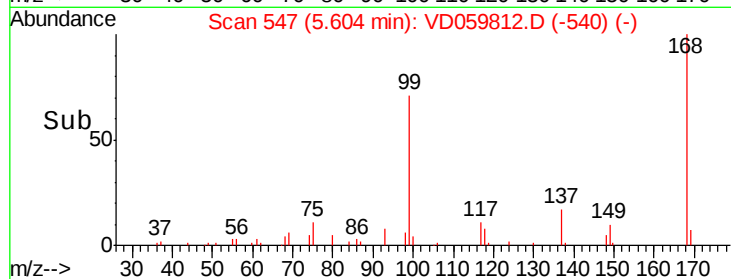
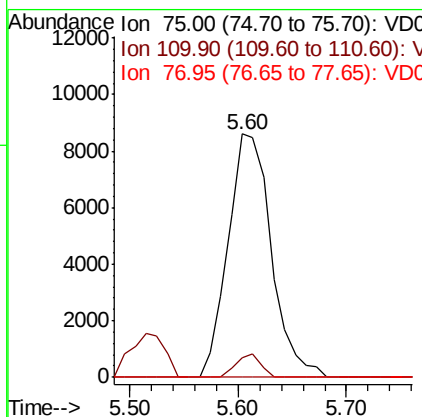
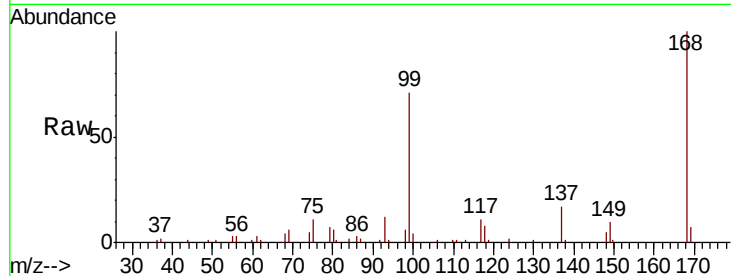




#36
 1,1-Dichloropropene
 Concen: 6.996 ug/l
 RT: 5.60 min Scan# 547
 Delta R.T. -0.13 min
 Lab File: VD059812.D
 Acq: 16 Aug 2018 15:53

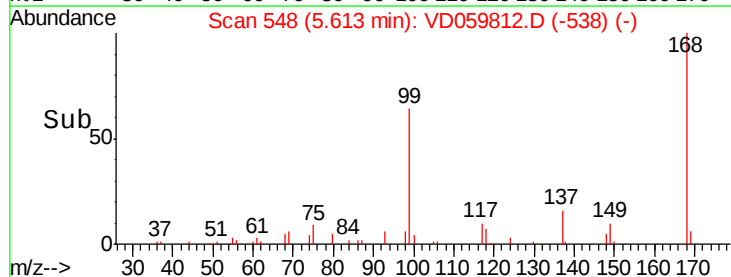
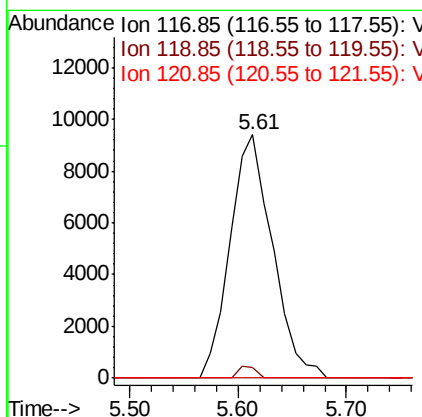
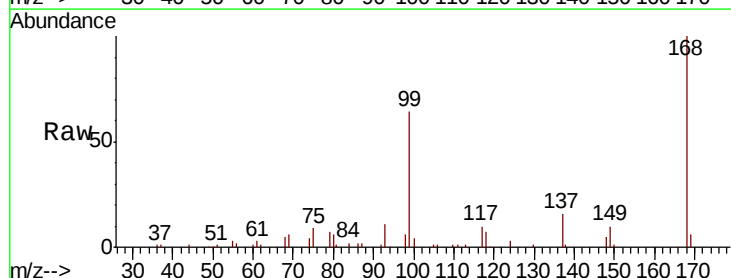
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-080918-SW-002

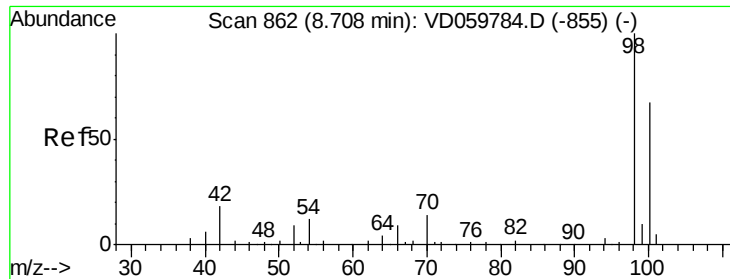
Tgt Ion: 75 Resp: 23813
 Ion Ratio Lower Upper
 75 100
 110 7.8 15.3 45.8#
 77 0.0 26.2 39.4#



#38
 Carbon Tetrachloride
 Concen: 6.240 ug/l
 RT: 5.61 min Scan# 548
 Delta R.T. -0.10 min
 Lab File: VD059812.D
 Acq: 16 Aug 2018 15:53

Tgt Ion: 117 Resp: 25625
 Ion Ratio Lower Upper
 117 100
 119 4.2 75.7 113.5#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.68 min Scan# 860

Delta R.T. -0.03 min

Lab File: VD059812.D

Acq: 16 Aug 2018 15:53

Instrument :

MSVOA_D

ClientSampleId :

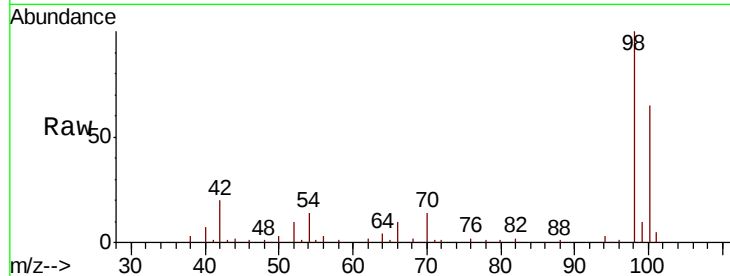
RA-080918-SW-002

Tgt Ion: 98 Resp: 288476

Ion Ratio Lower Upper

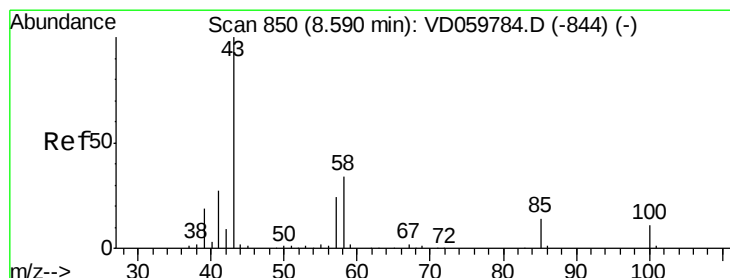
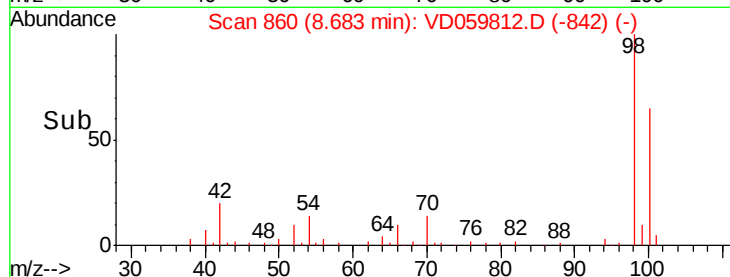
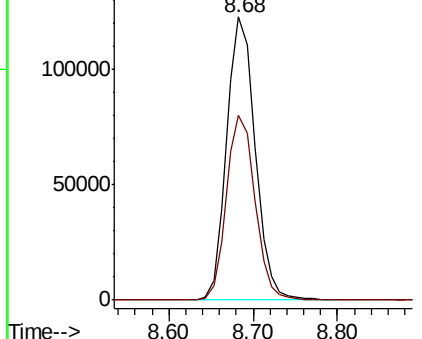
98 100

100 65.3 54.2 81.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#51

4-Methyl-2-Pentanone

Concen: 1.204 ug/l

RT: 8.69 min Scan# 861

Delta R.T. 0.10 min

Lab File: VD059812.D

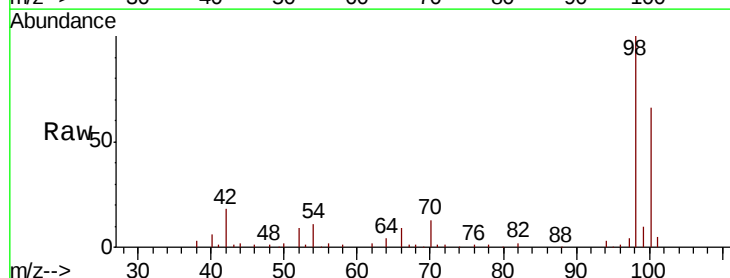
Acq: 16 Aug 2018 15:53

Tgt Ion: 43 Resp: 1957

Ion Ratio Lower Upper

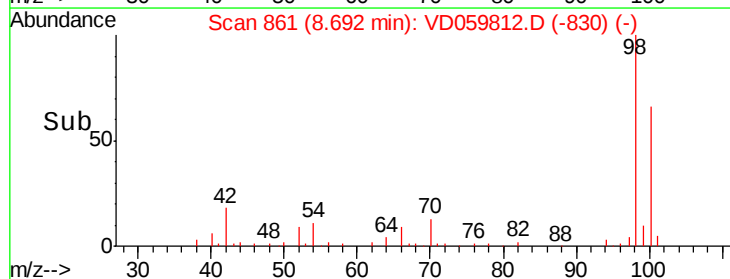
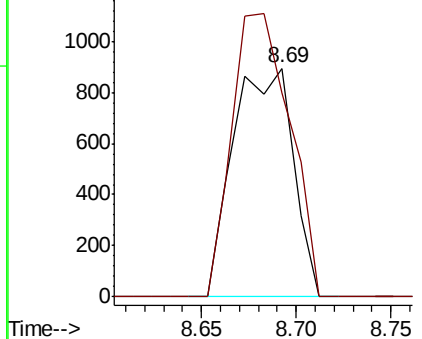
43 100

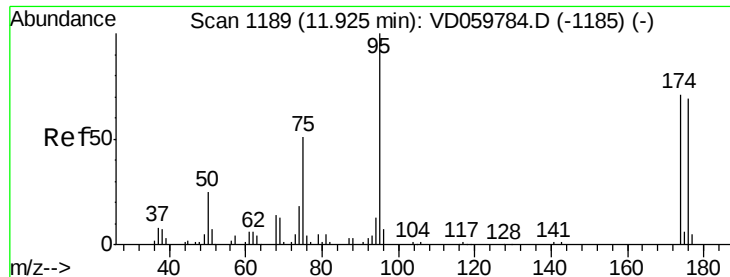
58 89.3 27.5 41.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059812.D

Acq: 16 Aug 2018 15:53

Instrument :

MSVOA_D

ClientSampleId :

RA-080918-SW-002

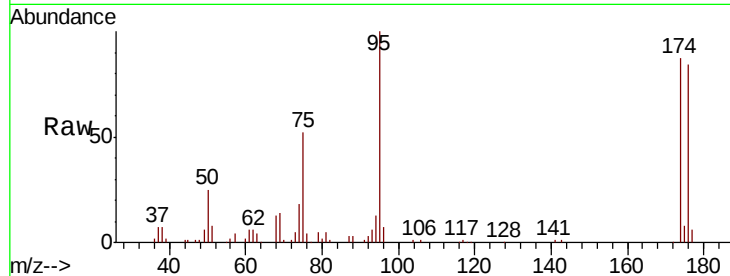
Tgt Ion: 95 Resp: 109764

Ion Ratio Lower Upper

95 100

174 86.7 0.0 142.2

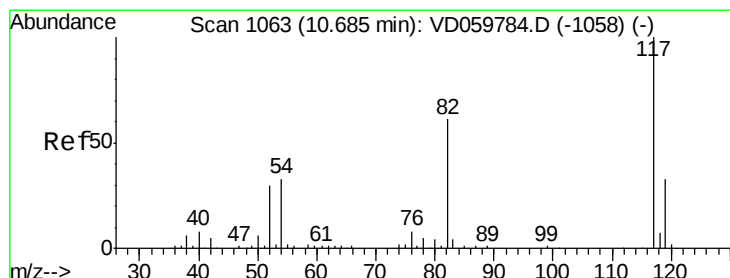
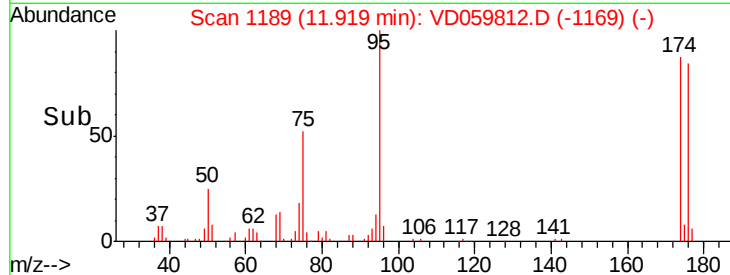
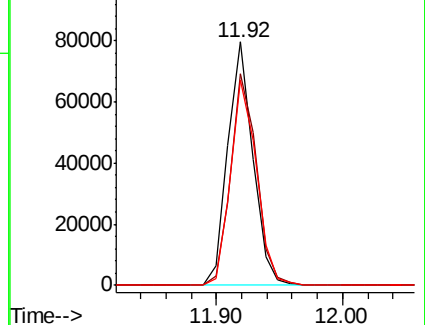
176 84.1 0.0 137.4



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. -0.02 min

Lab File: VD059812.D

Acq: 16 Aug 2018 15:53

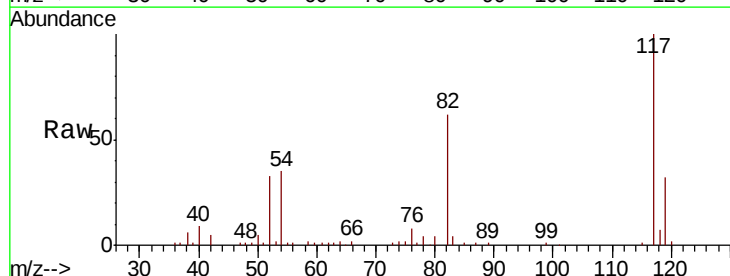
Tgt Ion: 117 Resp: 236373

Ion Ratio Lower Upper

117 100

82 62.4 49.0 73.6

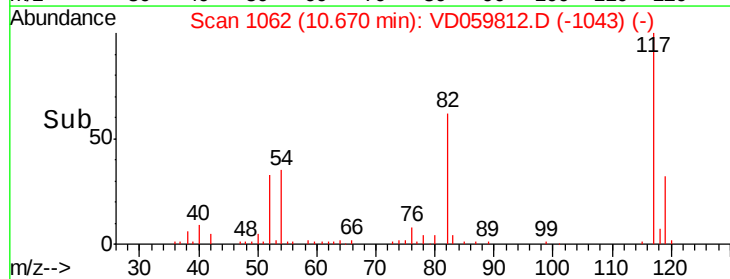
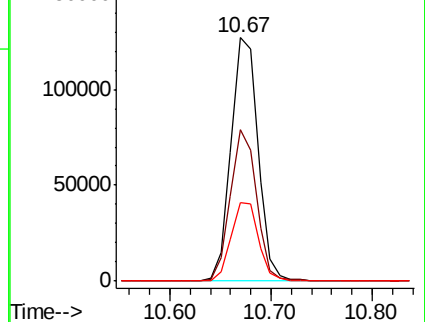
119 32.1 26.2 39.2

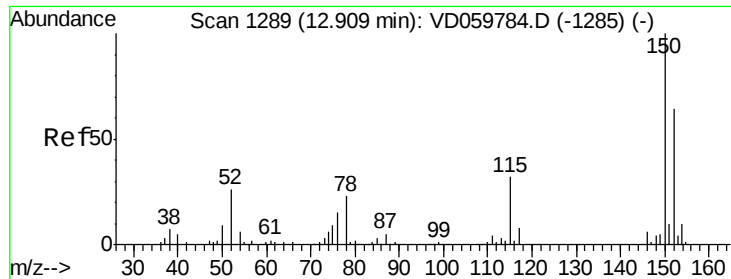


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.02 min

Lab File: VD059812.D

Acq: 16 Aug 2018 15:53

Instrument :

MSVOA_D

ClientSampleId :

RA-080918-SW-002

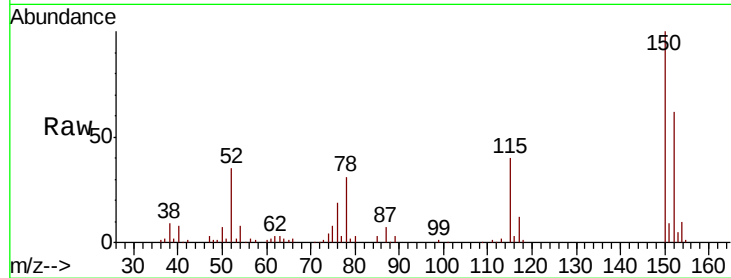
Tgt Ion:152 Resp: 98195

Ion Ratio Lower Upper

152 100

115 64.1 27.2 81.5

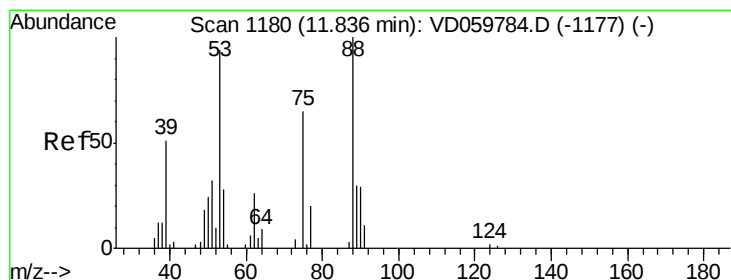
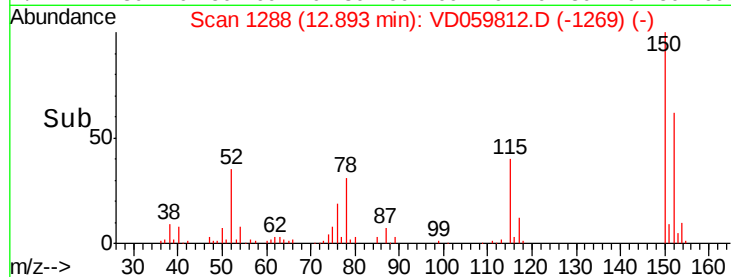
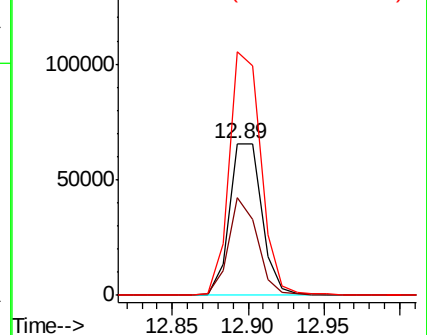
150 160.2 0.0 312.4



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: 172.435 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.08 min

Lab File: VD059812.D

Acq: 16 Aug 2018 15:53

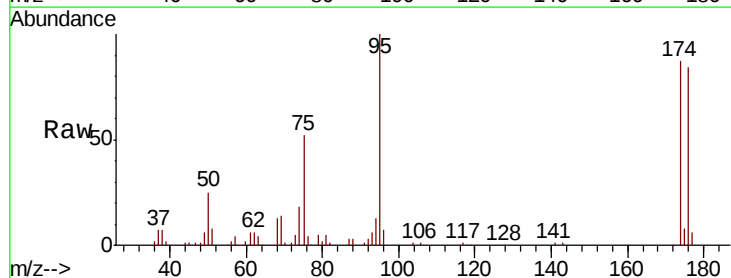
Tgt Ion: 75 Resp: 56206

Ion Ratio Lower Upper

75 100

53 0.0 116.2 174.2#

89 0.0 37.0 55.6#



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

