

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080918\
 Data File : VD059718.D
 Acq On : 9 Aug 2018 16:19
 Operator : VA/AP
 Sample : VD0809SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBL01

Quant Time: Aug 10 01:16:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	169474	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	196895	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	160365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	93038	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	113723	52.17	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	5.54	113	85265	48.21	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	175003	45.46	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.92%	
62) 4-Bromofluorobenzene	11.93	95	81957	46.13	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.26%	

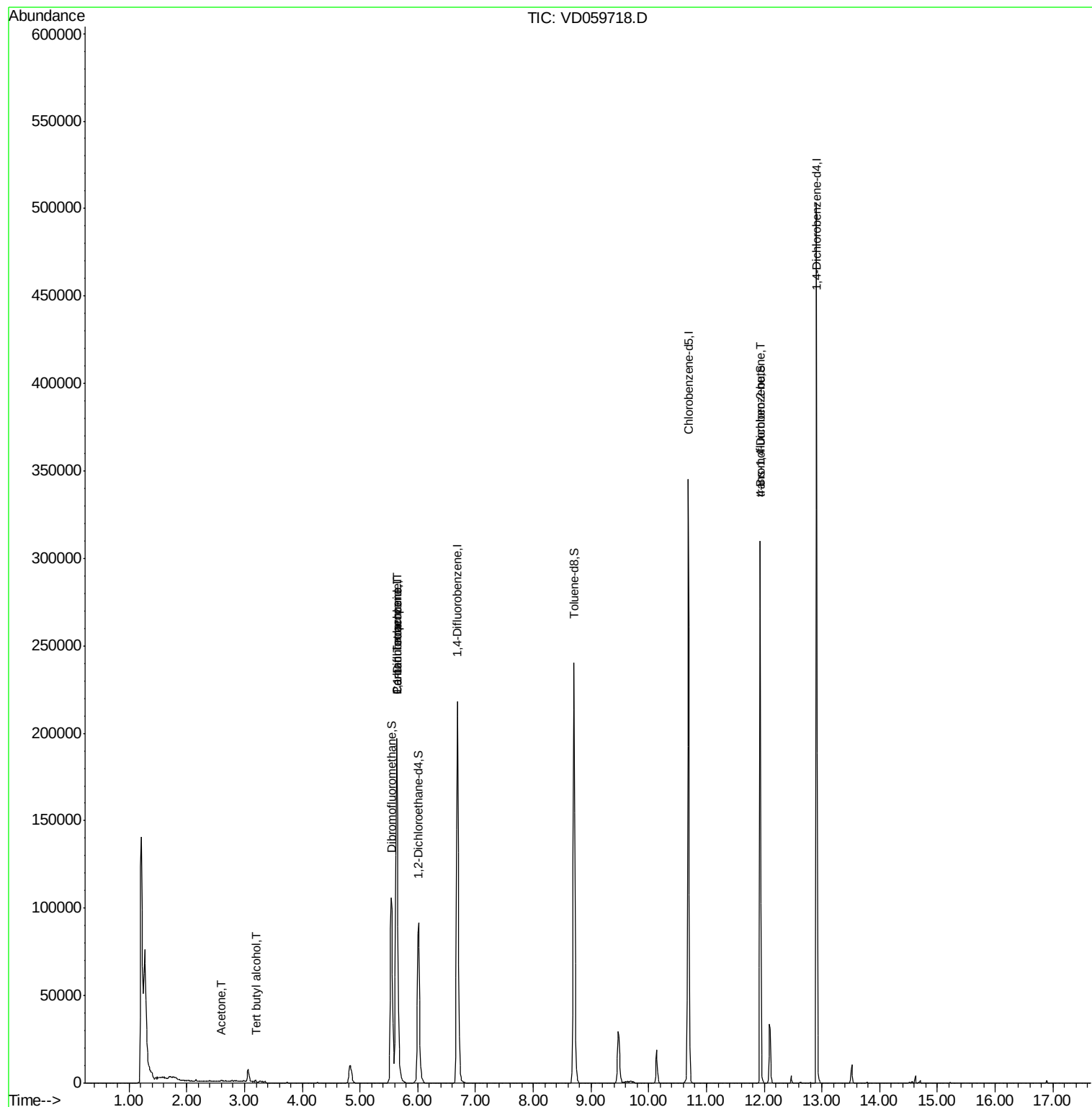
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.19	59	357	4.500	ug/l #	76
16) Acetone	2.60	43	745	1.819	ug/l #	60
20) Methylene Chloride	3.06	84	3374	Below Cal	#	81
31) Cyclohexane	5.63	56	4648	Below Cal	#	1
36) 1,1-Dichloropropene	5.63	75	16172	7.388	ug/l #	57
38) Carbon Tetrachloride	5.64	117	19627	6.700	ug/l #	13
81) trans-1,4-Dichloro-2-buten	11.93	75	49882	142.113	ug/l #	1

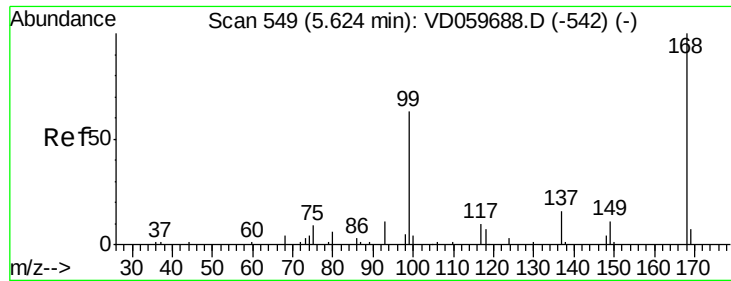
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD080918\
Data File : VD059718.D
Acq On : 9 Aug 2018 16:19
Operator : VA/AP
Sample : VD0809SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

Quant Time: Aug 10 01:16:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 08 02:03:19 2018
Response via : Initial Calibration

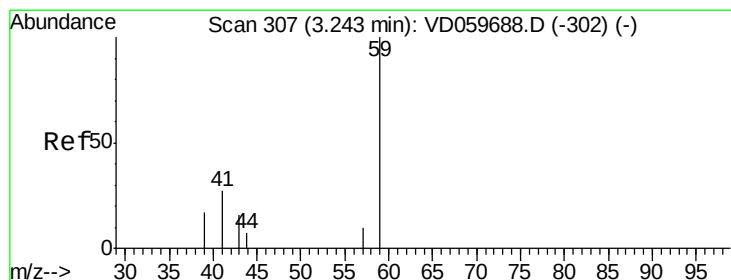
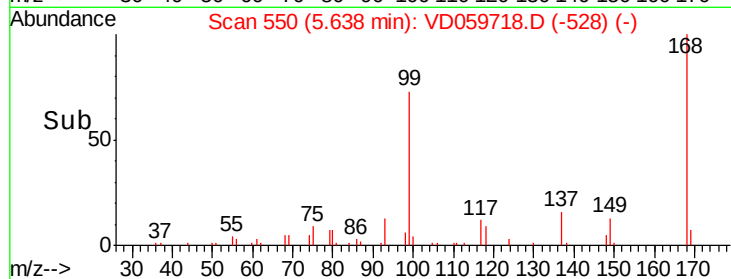
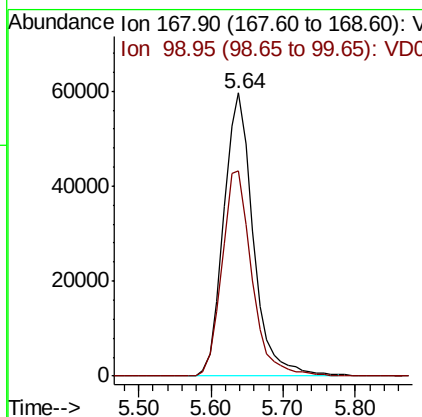
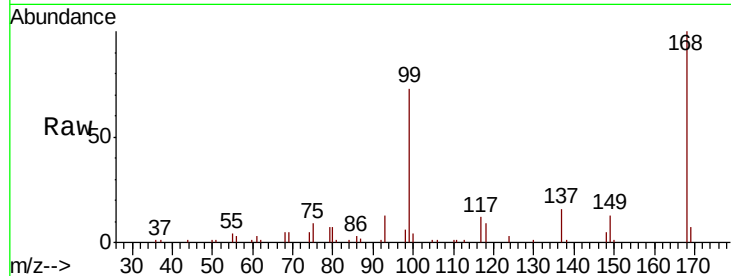




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059718.D
Acq: 9 Aug 2018 16:19

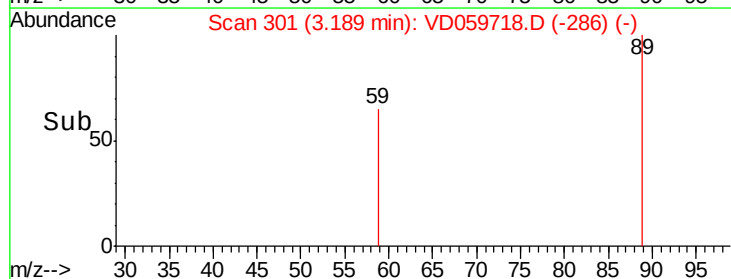
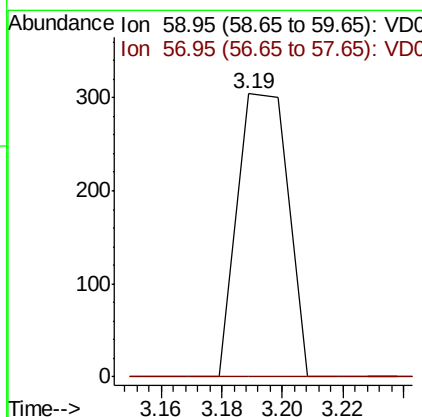
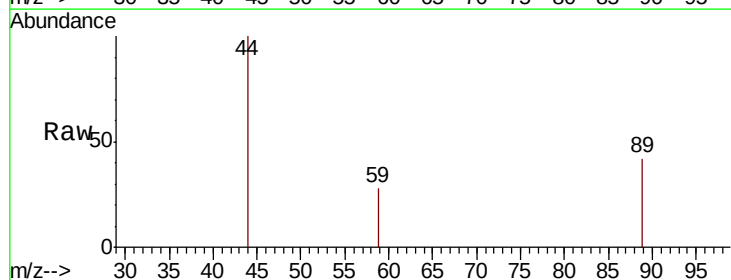
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

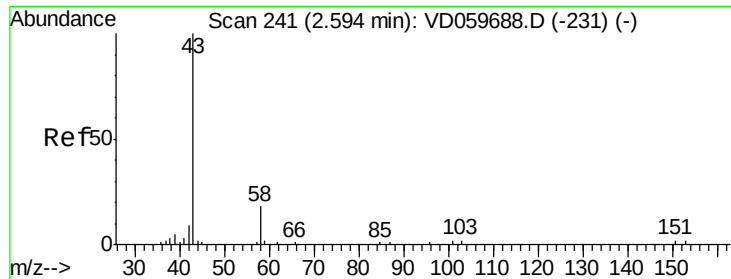
Tgt Ion:168 Resp: 169474
Ion Ratio Lower Upper
168 100
99 72.7 53.4 80.2



#11
Tert butyl alcohol
Concen: 4.500 ug/l
RT: 3.19 min Scan# 301
Delta R.T. -0.05 min
Lab File: VD059718.D
Acq: 9 Aug 2018 16:19

Tgt Ion: 59 Resp: 357
Ion Ratio Lower Upper
59 100
57 0.0 6.8 10.2#

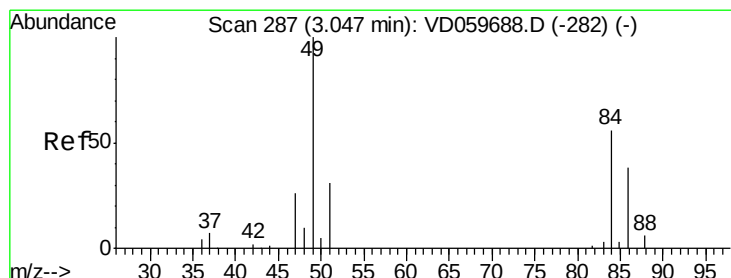
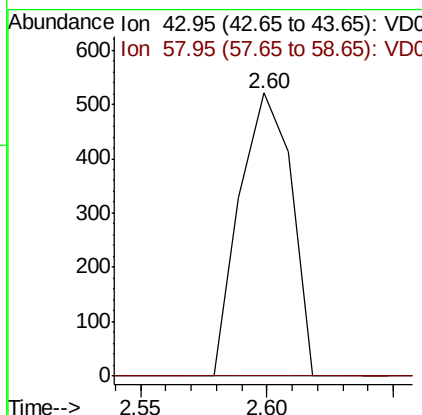
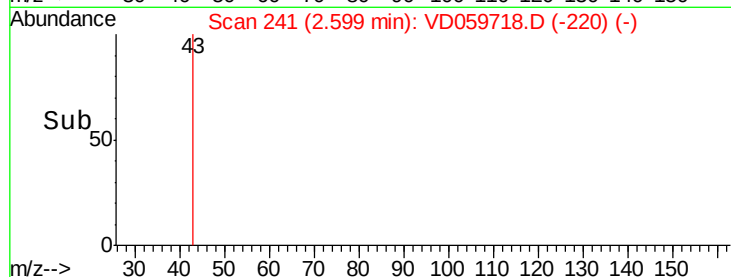
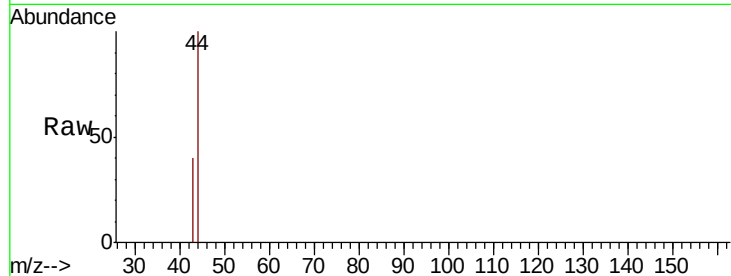




#16
Acetone
Concen: 1.819 ug/l
RT: 2.60 min Scan# 241
Delta R.T. 0.00 min
Lab File: VD059718.D
Acq: 9 Aug 2018 16:19

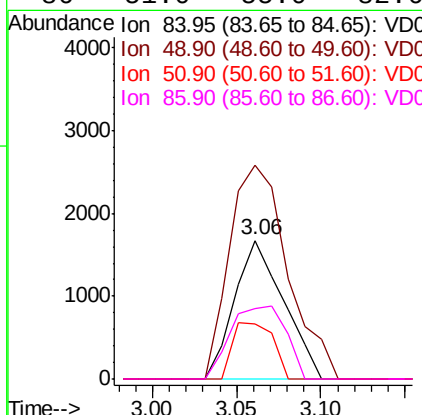
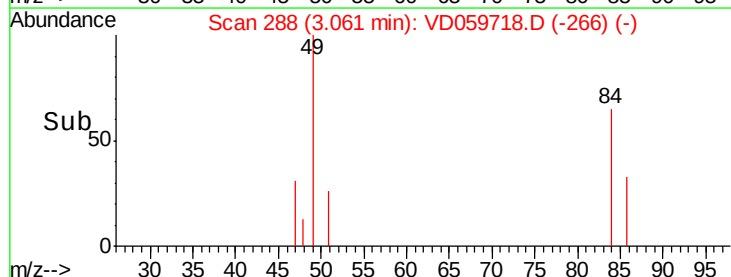
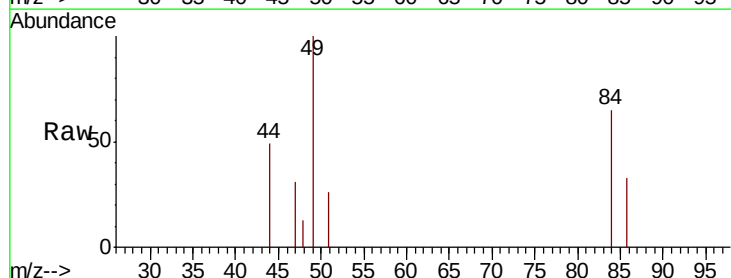
Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

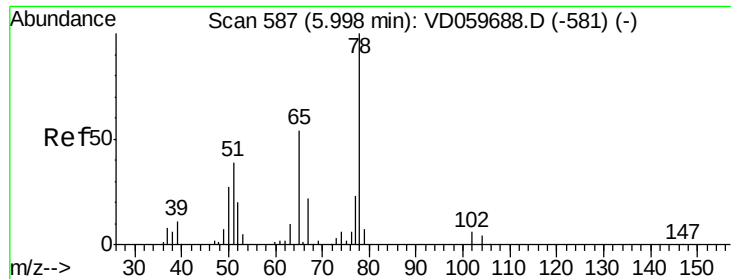
Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 0.0 14.2 21.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.06 min Scan# 288
Delta R.T. 0.01 min
Lab File: VD059718.D
Acq: 9 Aug 2018 16:19

Tgt Ion: 84 Resp: 3374
Ion Ratio Lower Upper
84 100
49 154.3 143.4 215.2
51 39.6 44.2 66.4#
86 51.0 55.0 82.6#

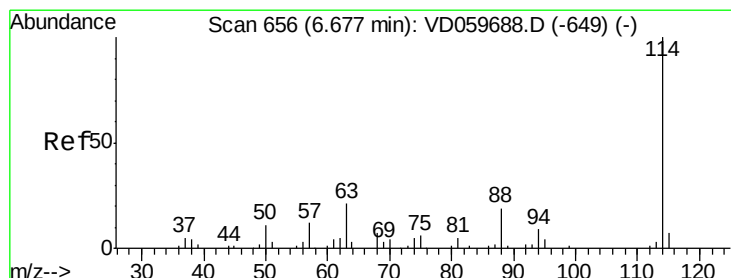
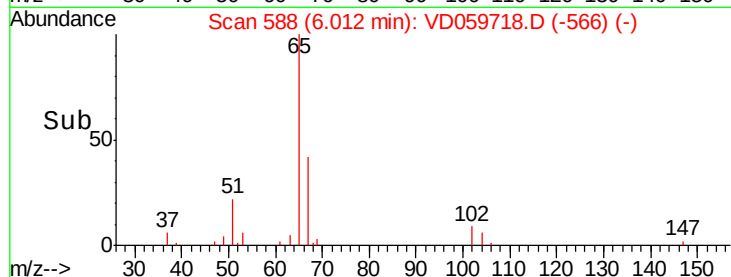
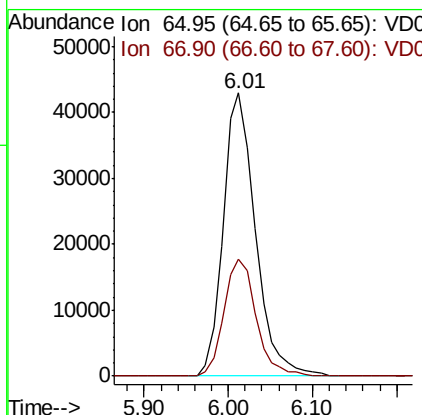
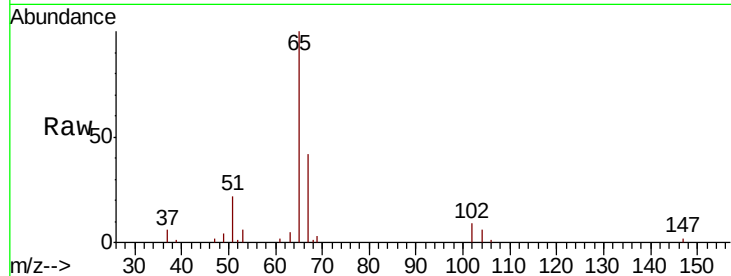




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD059718.D
 Acq: 9 Aug 2018 16:19

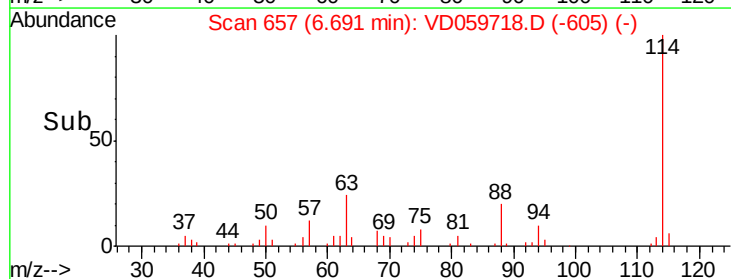
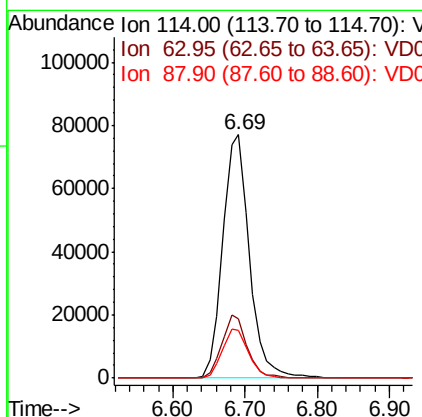
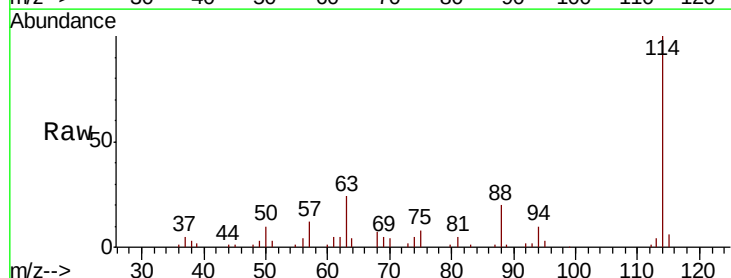
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0809SBL01

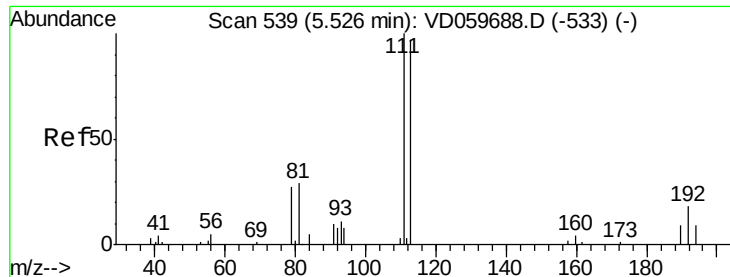
Tgt Ion: 65 Resp: 113723
 Ion Ratio Lower Upper
 65 100
 67 41.5 0.0 80.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059718.D
 Acq: 9 Aug 2018 16:19

Tgt Ion: 114 Resp: 196895
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 42.6
 88 19.8 0.0 38.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. 0.01 min

Lab File: VD059718.D

Acq: 9 Aug 2018 16:19

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBL01

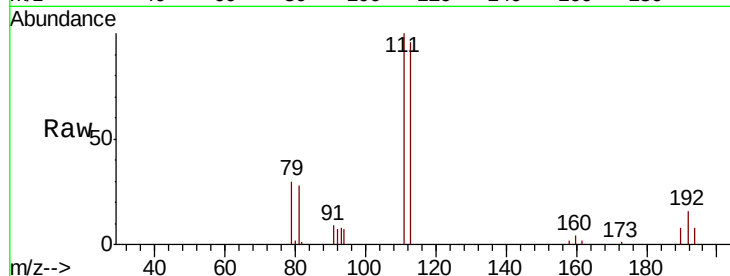
Tgt Ion:113 Resp: 85265

Ion Ratio Lower Upper

113 100

111 104.4 82.8 124.2

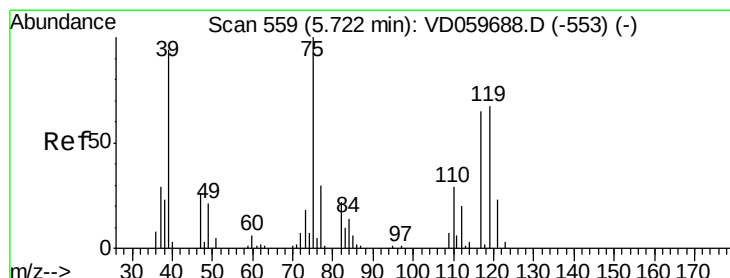
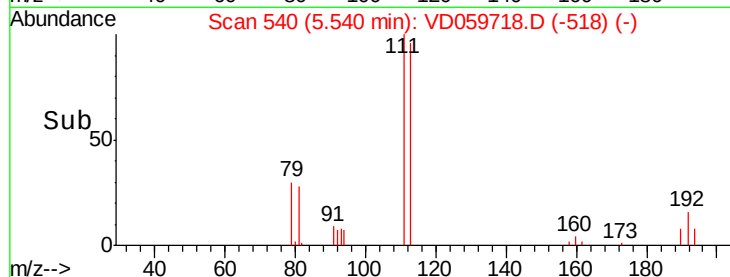
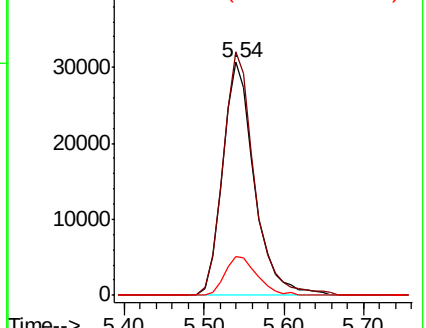
192 16.7 14.6 22.0



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: 7.388 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.09 min

Lab File: VD059718.D

Acq: 9 Aug 2018 16:19

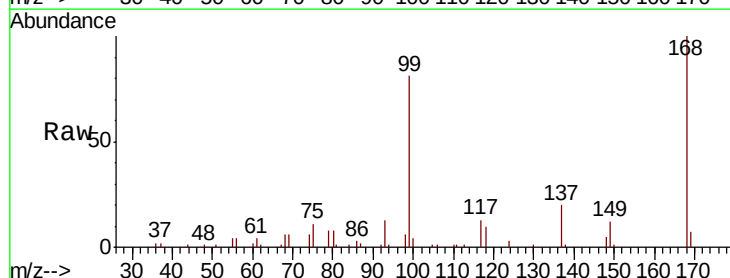
Tgt Ion: 75 Resp: 16172

Ion Ratio Lower Upper

75 100

110 12.3 14.1 42.3#

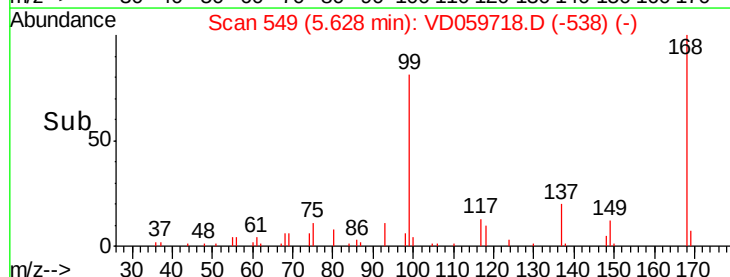
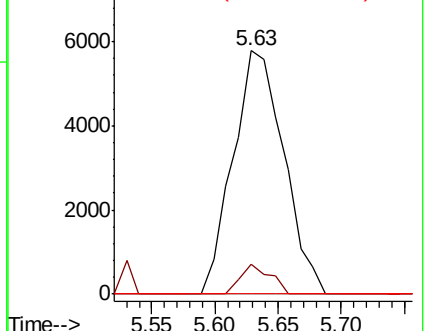
77 0.0 23.9 35.9#

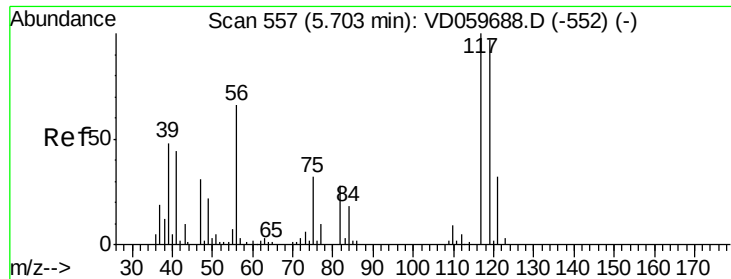


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

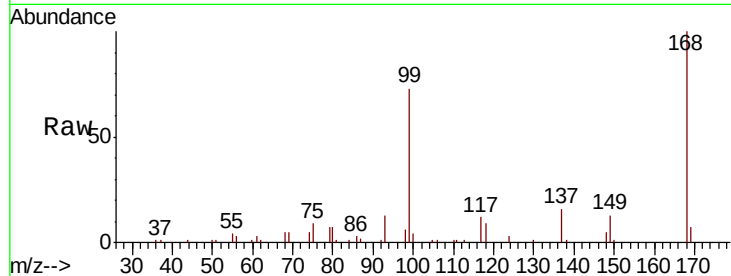




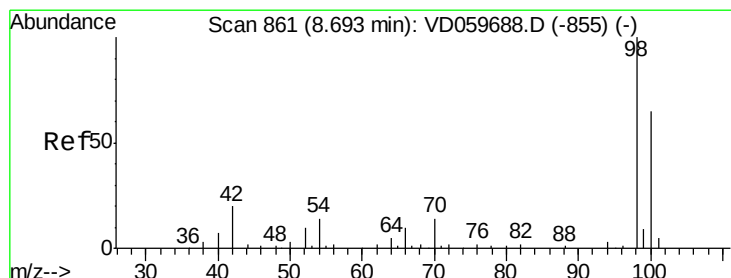
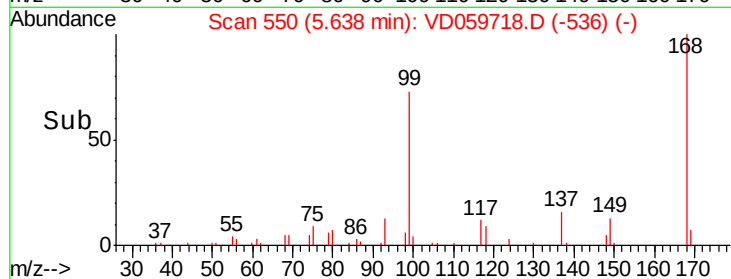
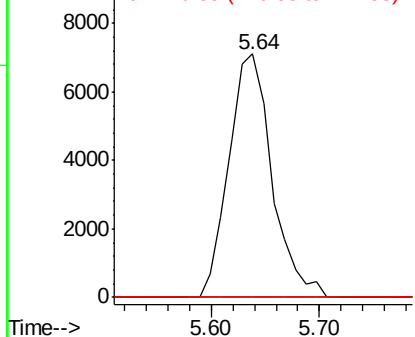
#38
Carbon Tetrachloride
Concen: 6.700 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.06 min
Lab File: VD059718.D
Acq: 9 Aug 2018 16:19

Instrument :
MSVOA_D
ClientSampleId :
VD0809SBL01

Tgt Ion:117 Resp: 19627
Ion Ratio Lower Upper
117 100
119 0.0 75.3 112.9#
121 0.0 24.4 36.6#

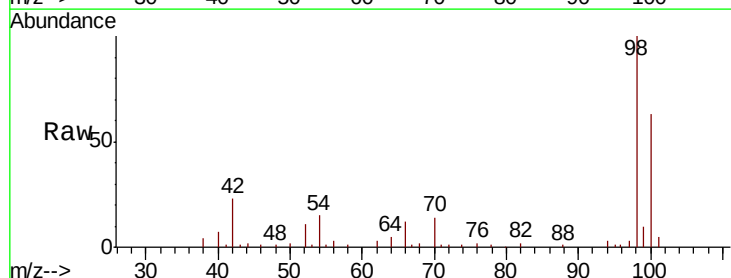


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

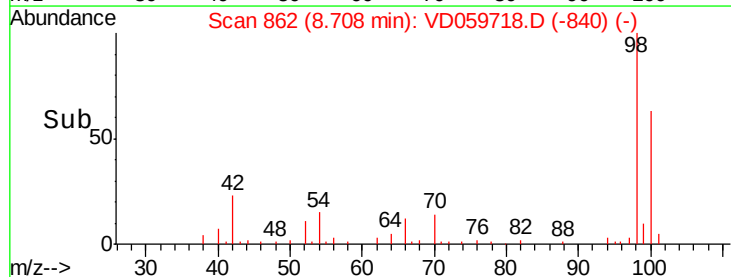
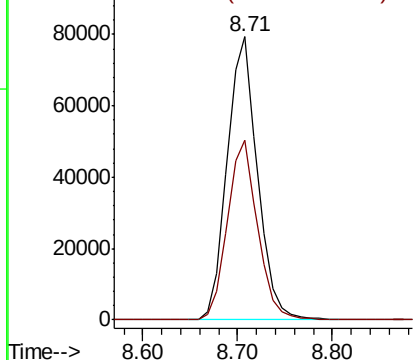


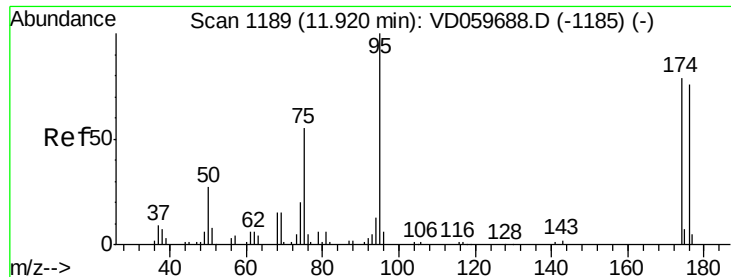
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059718.D
Acq: 9 Aug 2018 16:19

Tgt Ion: 98 Resp: 175003
Ion Ratio Lower Upper
98 100
100 63.5 52.5 78.7



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: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059718.D

Acq: 9 Aug 2018 16:19

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBL01

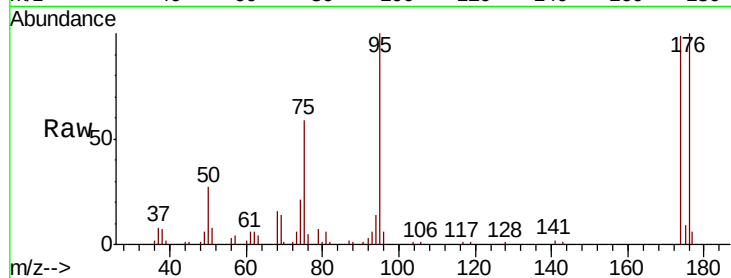
Tgt Ion: 95 Resp: 81957

Ion Ratio Lower Upper

95 100

174 99.0 0.0 158.4

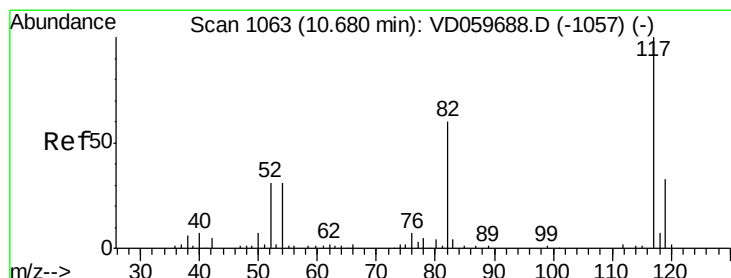
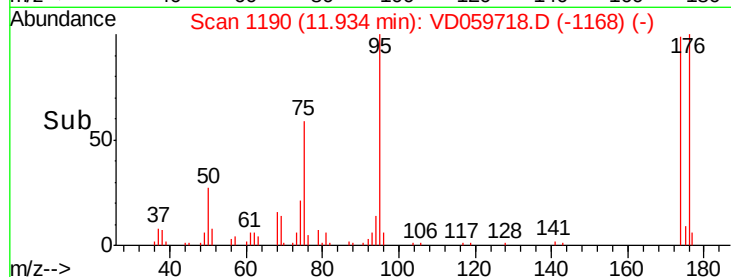
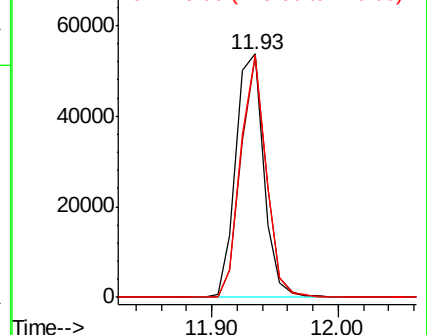
176 99.6 0.0 153.0



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. 0.00 min

Lab File: VD059718.D

Acq: 9 Aug 2018 16:19

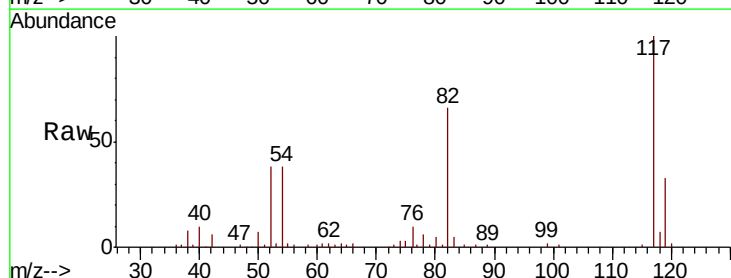
Tgt Ion: 117 Resp: 160365

Ion Ratio Lower Upper

117 100

82 65.9 47.7 71.5

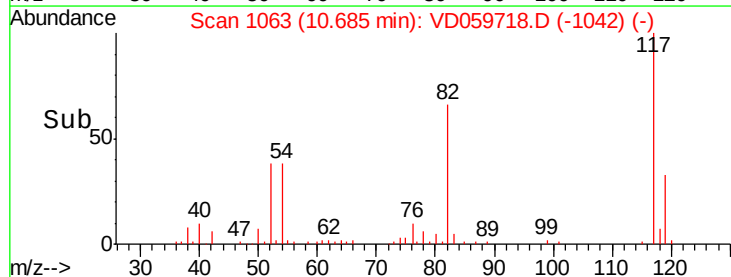
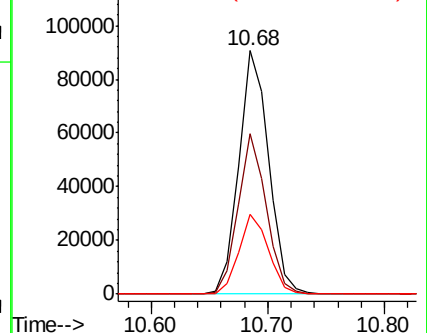
119 32.9 26.6 40.0

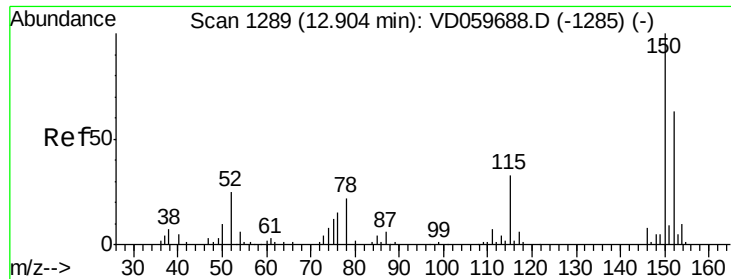


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD059718.D

Acq: 9 Aug 2018 16:19

Instrument :

MSVOA_D

ClientSampleId :

VD0809SBL01

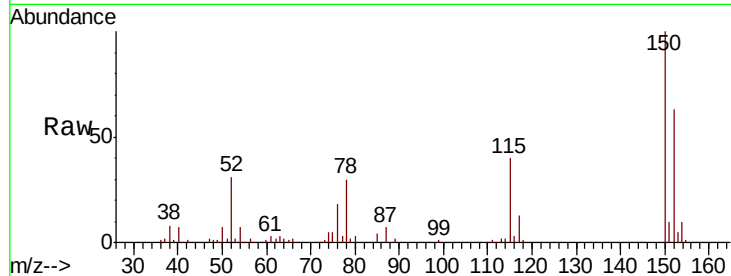
Tgt Ion:152 Resp: 93038

Ion Ratio Lower Upper

152 100

115 64.2 28.8 86.4

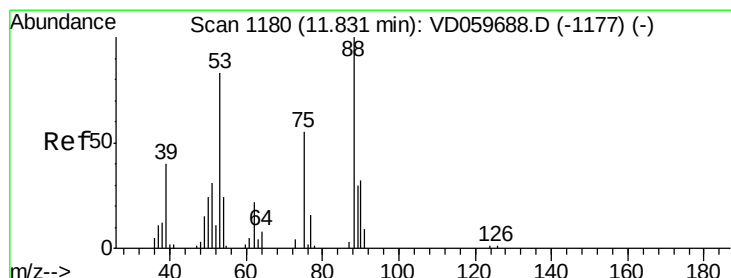
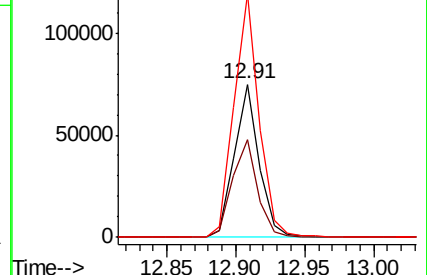
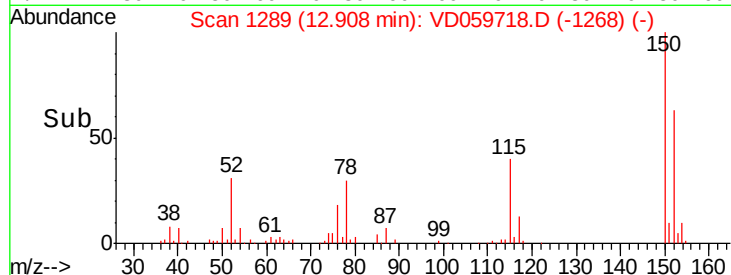
150 159.3 0.0 318.0



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: 142.113 ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.10 min

Lab File: VD059718.D

Acq: 9 Aug 2018 16:19

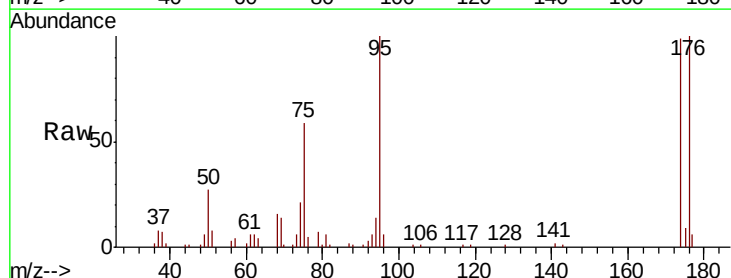
Tgt Ion: 75 Resp: 49882

Ion Ratio Lower Upper

75 100

53 0.0 120.5 180.7#

89 0.0 44.4 66.6#



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

