

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061193.D
 Acq On : 19 Mar 2019 18:57
 Operator : VA/AP
 Sample : K1935-07RE
 Misc : 3.01µl/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18(14-15)RE

Quant Time: Mar 20 01:56:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

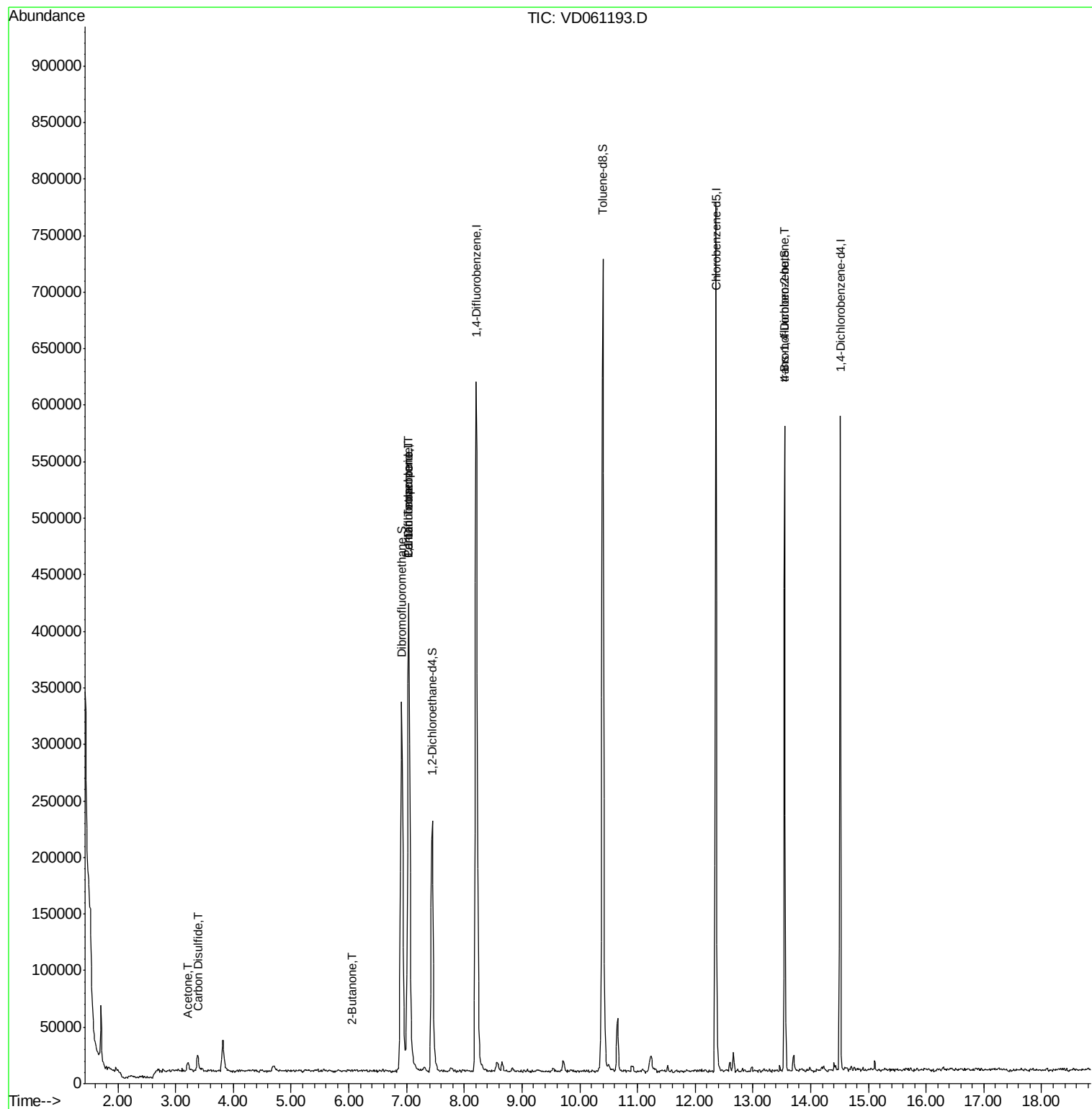
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	460630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	754733	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	477758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	149029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	214260	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
35) Dibromofluoromethane	6.91	113	318965	56.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	113.90%	
50) Toluene-d8	10.40	98	630150	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	
62) 4-Bromofluorobenzene	13.55	95	179358	32.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.72%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	15809	14.419	ug/l	96
17) Carbon Disulfide	3.38	76	27778	1.781	ug/l	99
20) Methylene Chloride	3.81	84	21686	Below Cal	#	94
25) 2-Butanone	6.06	43	2955	2.375	ug/l #	55
36) 1,1-Dichloropropene	7.03	75	32458	4.989	ug/l #	46
38) Carbon Tetrachloride	7.03	117	44713	6.239	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	67837	107.318	ug/l #	17

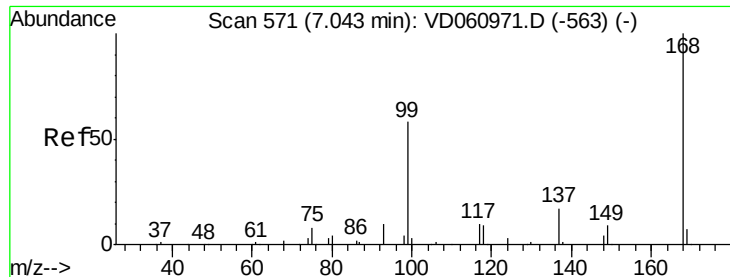
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061193.D

Acq: 19 Mar 2019 18:57

Instrument :

MSVOA_D

ClientSampleId :

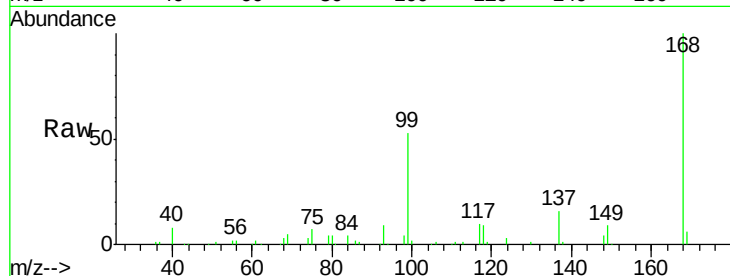
SB-18(14-15)RE

Tot Ion:168 Resp: 460630

Ion Ratio Lower Upper

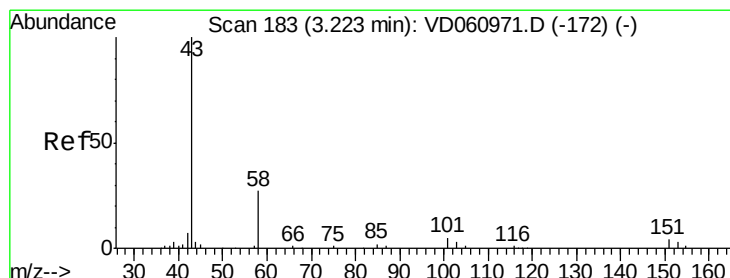
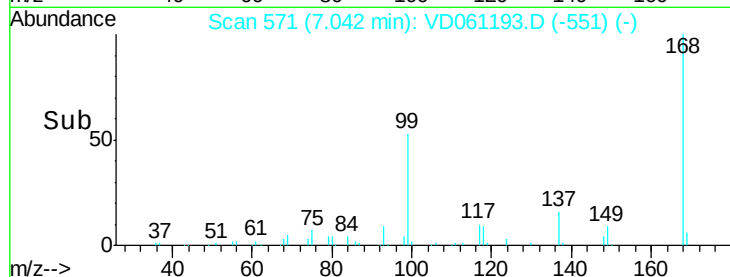
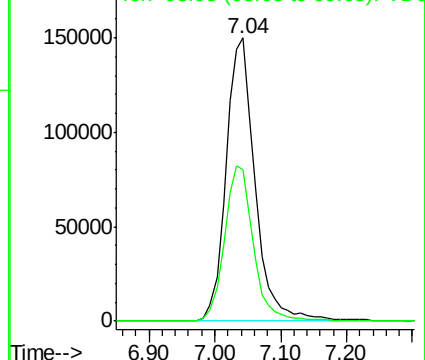
168 100

99 53.3 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: 14.419 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061193.D

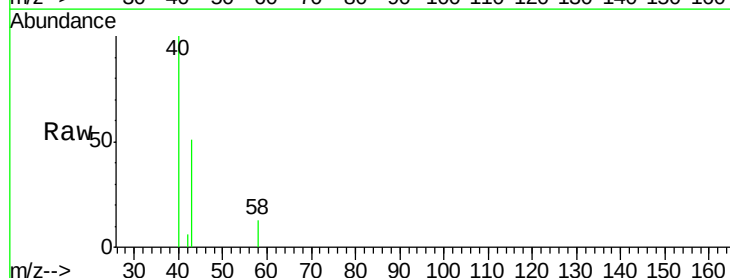
Acq: 19 Mar 2019 18:57

Tgt Ion: 43 Resp: 15809

Ion Ratio Lower Upper

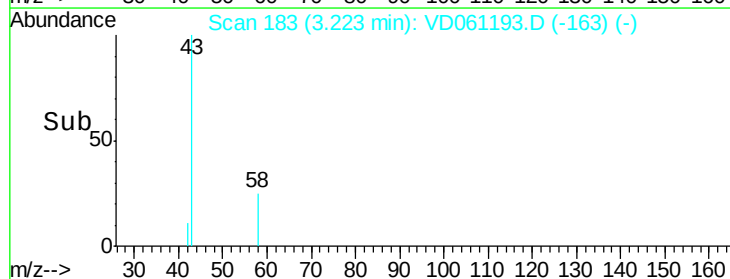
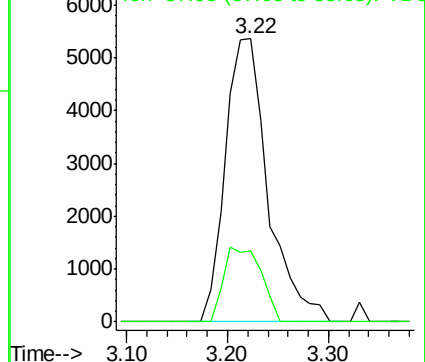
43 100

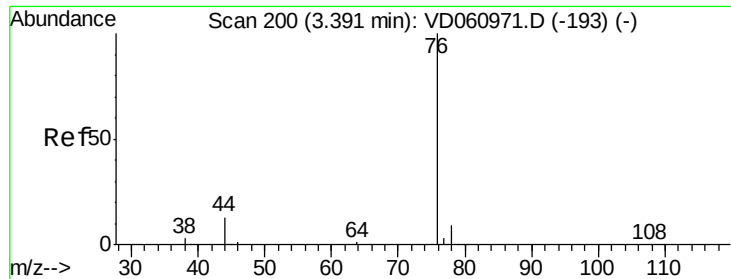
58 25.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.781 ug/l

RT: 3.38 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061193.D

Acq: 19 Mar 2019 18:57

Instrument :

MSVOA_D

ClientSampleId :

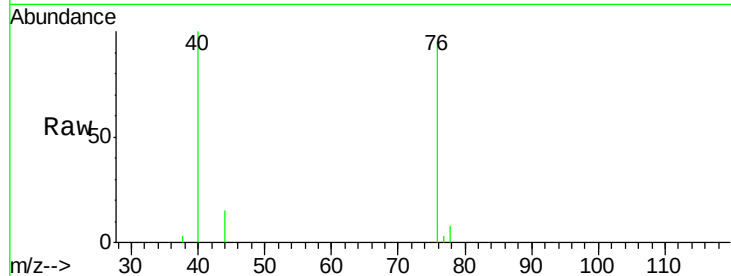
SB-18(14-15)RE

Tot Ion: 76 Resp: 27778

Ion Ratio Lower Upper

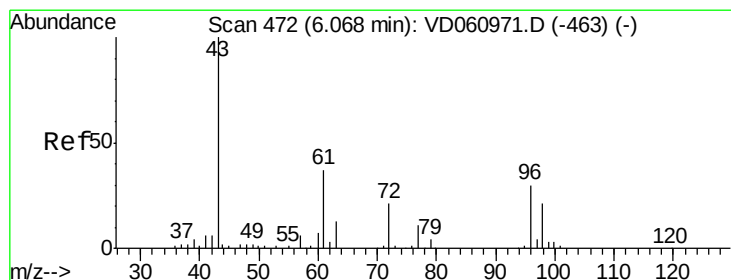
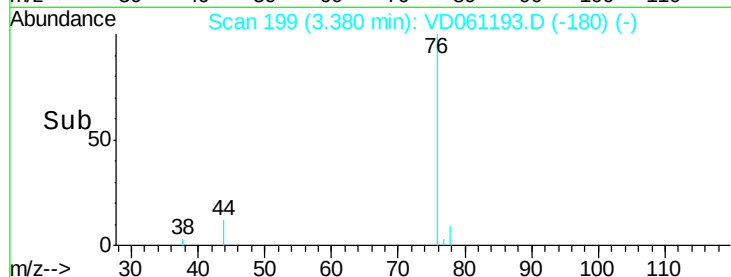
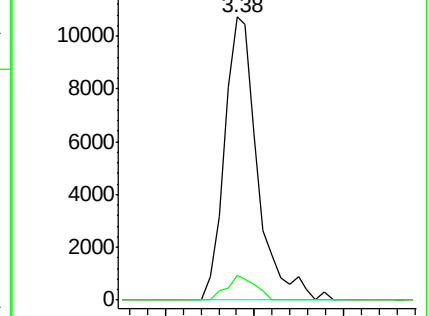
76 100

78 8.8 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#25

2-Butanone

Concen: 2.375 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.01 min

Lab File: VD061193.D

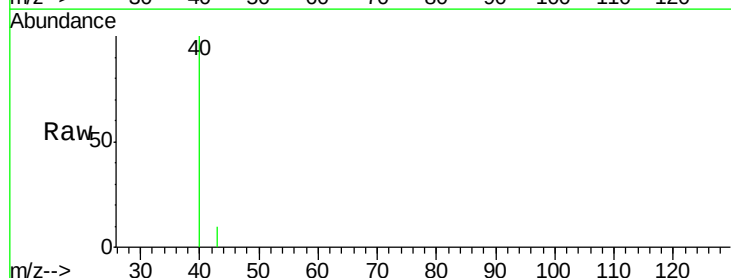
Acq: 19 Mar 2019 18:57

Tgt Ion: 43 Resp: 2955

Ion Ratio Lower Upper

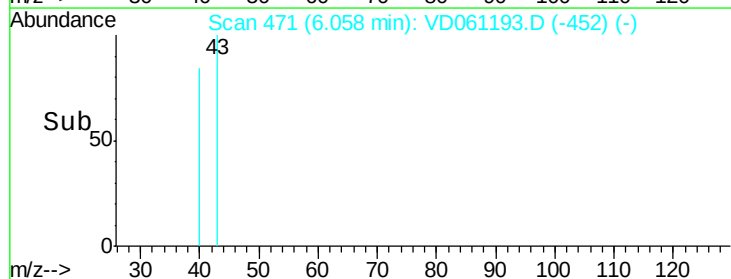
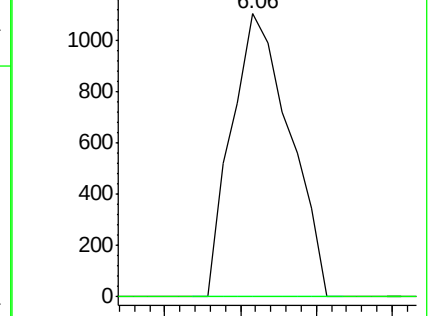
43 100

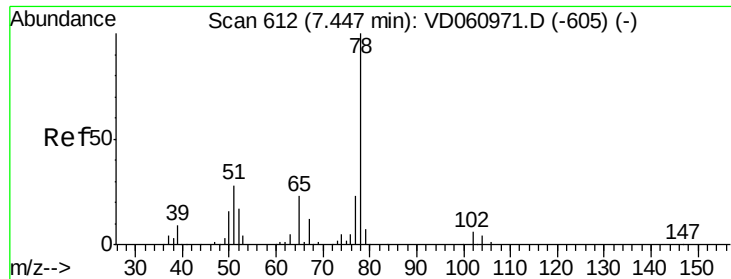
72 0.0 16.7 25.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061193.D

Acq: 19 Mar 2019 18:57

Instrument :

MSVOA_D

ClientSampleId :

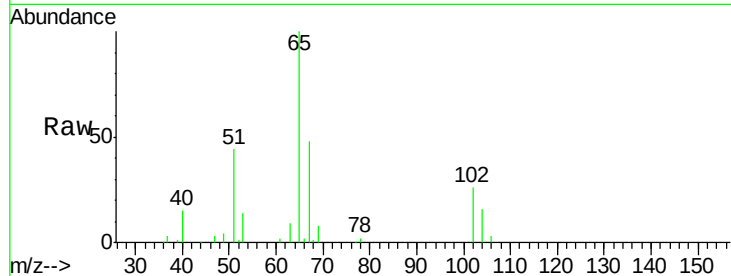
SB-18(14-15)RE

Tot Ion: 65 Resp: 214260

Ion Ratio Lower Upper

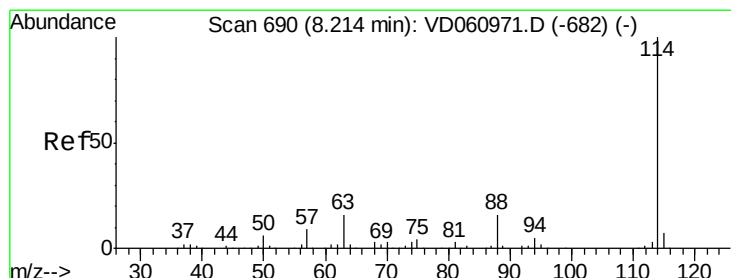
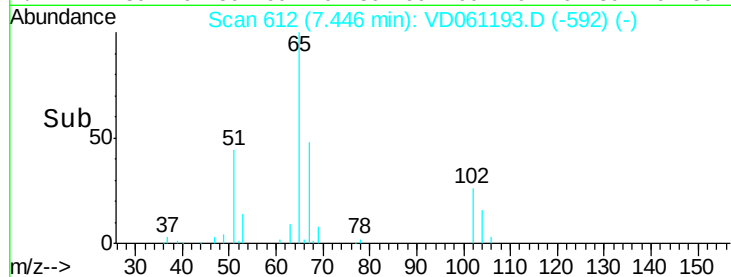
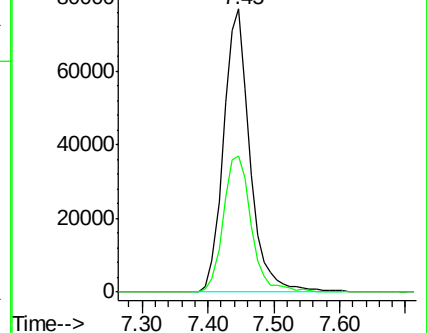
65 100

67 48.2 0.0 105.2



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: 8.20 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061193.D

Acq: 19 Mar 2019 18:57

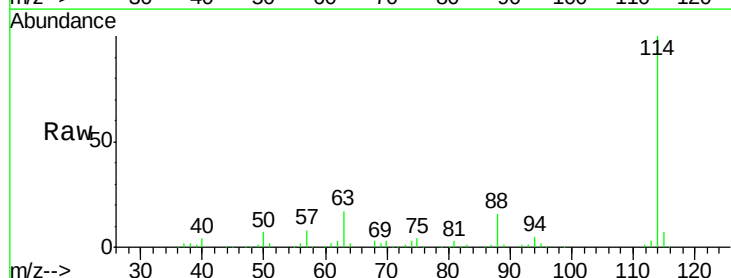
Tgt Ion: 114 Resp: 754733

Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.4

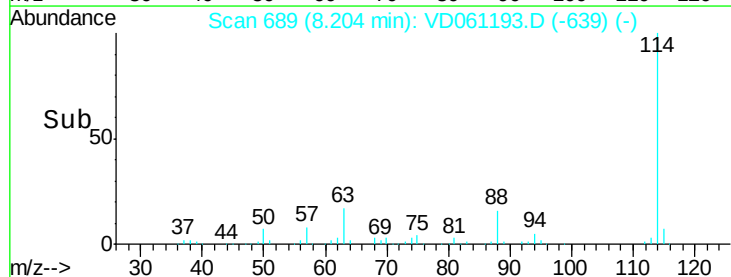
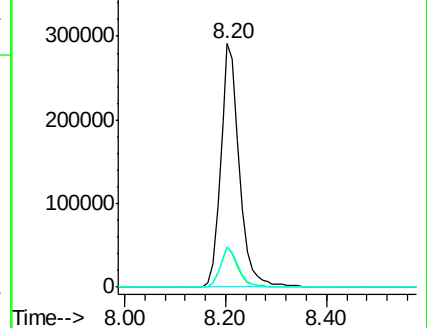
88 16.4 0.0 33.0

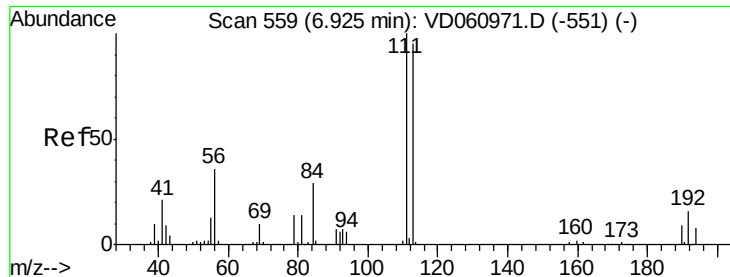


Abundance Ion 114.00 (113.70 to 114.70): V

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: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061193.D

Acq: 19 Mar 2019 18:57

Instrument :

MSVOA_D

ClientSampleId :

SB-18(14-15)RE

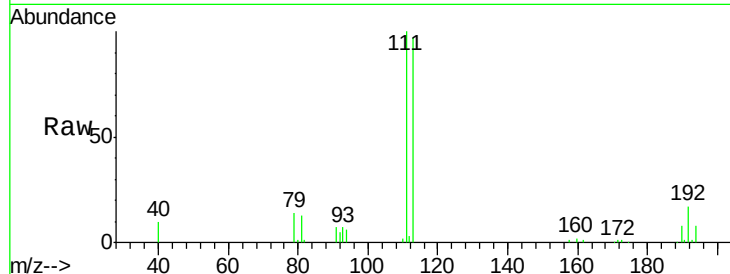
Tot Ion:113 Resp: 318965

Ion Ratio Lower Upper

113 100

111 103.0 84.2 126.4

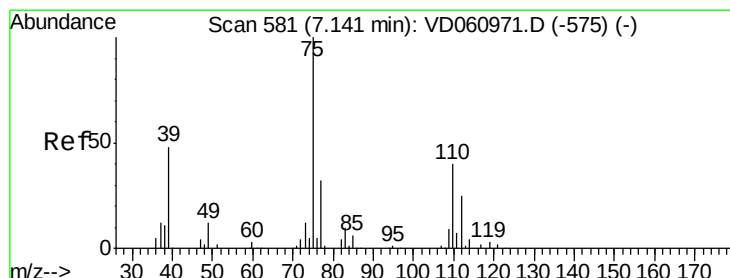
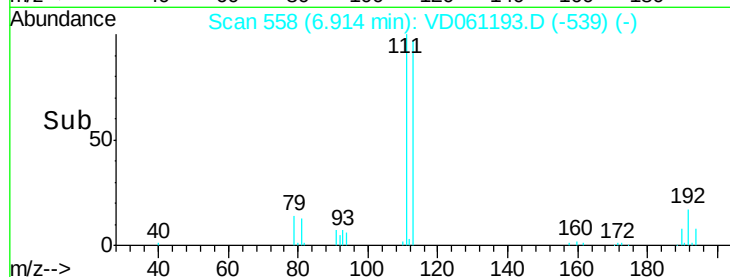
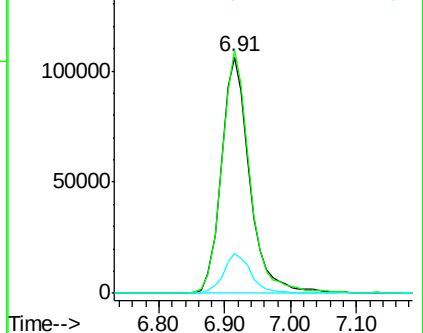
192 17.1 13.1 19.7



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: 4.989 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.11 min

Lab File: VD061193.D

Acq: 19 Mar 2019 18:57

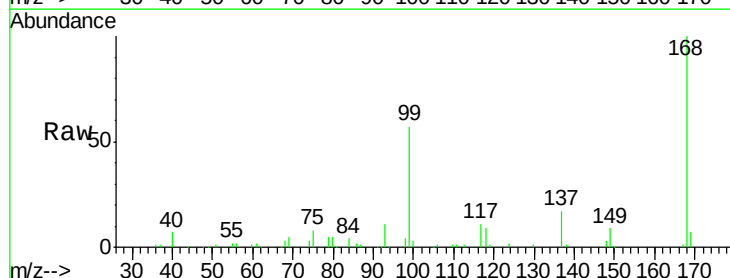
Tgt Ion: 75 Resp: 32458

Ion Ratio Lower Upper

75 100

110 7.5 19.7 59.1#

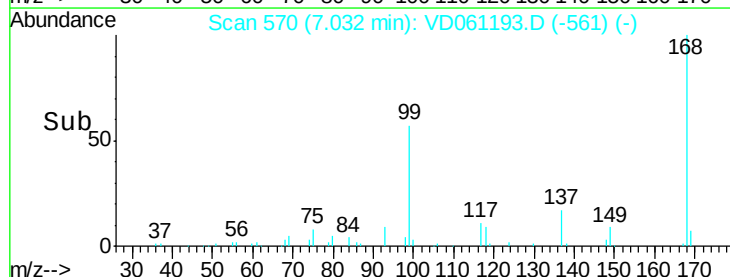
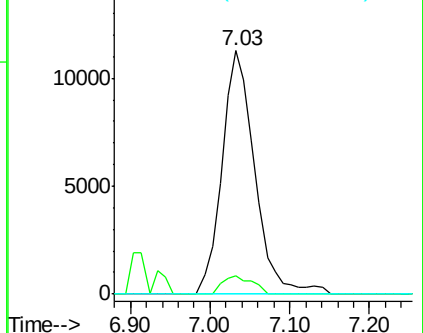
77 0.0 24.7 37.1#

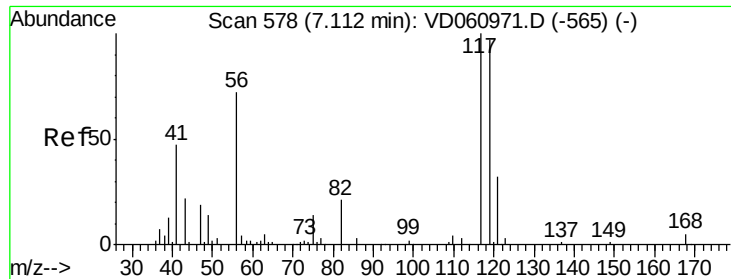


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

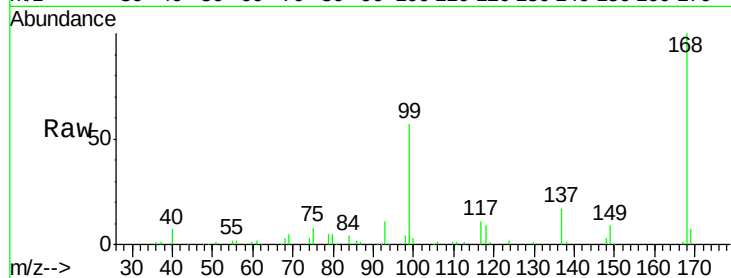




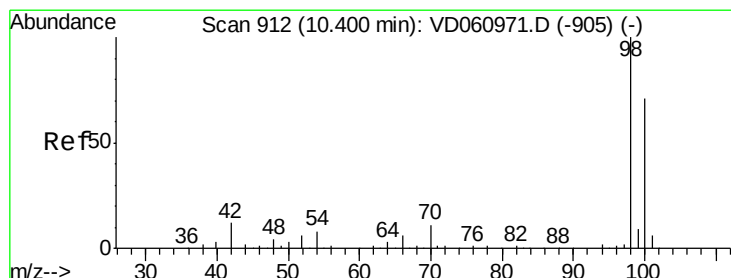
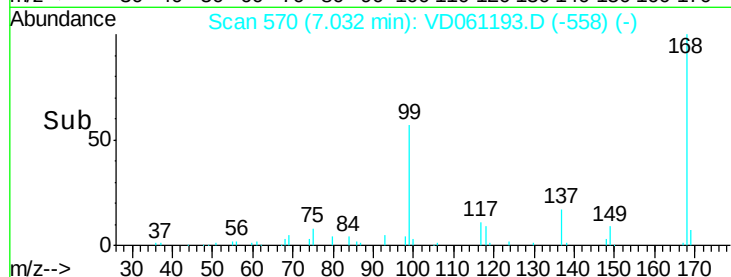
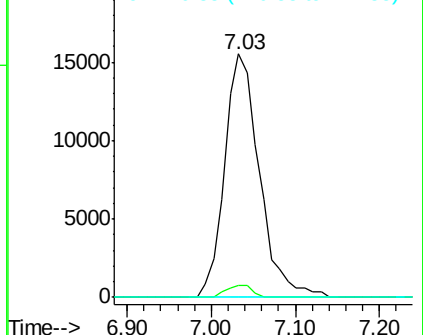
#38
Carbon Tetrachloride
Concen: 6.239 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD061193.D
Acq: 19 Mar 2019 18:57

Instrument :
MSVOA_D
ClientSampleId :
SB-18(14-15)RE

Tot Ion:117 Resp: 44713
Ion Ratio Lower Upper
117 100
119 4.8 77.8 116.8#
121 0.0 25.3 37.9#

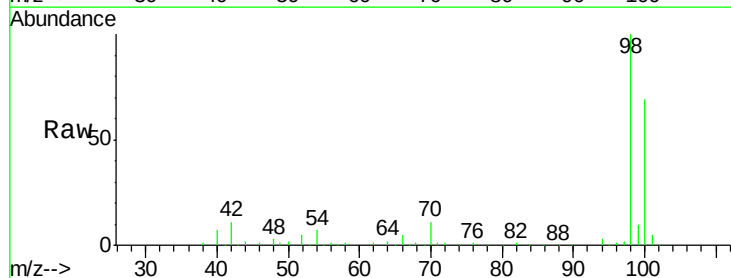


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

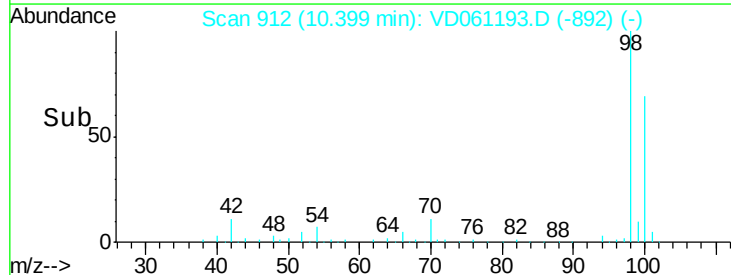
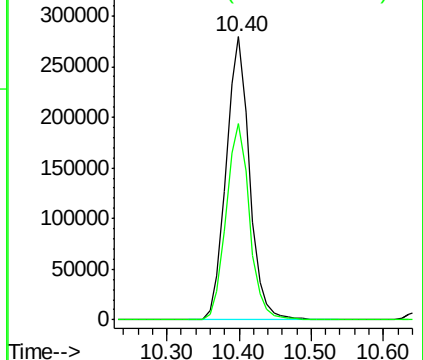


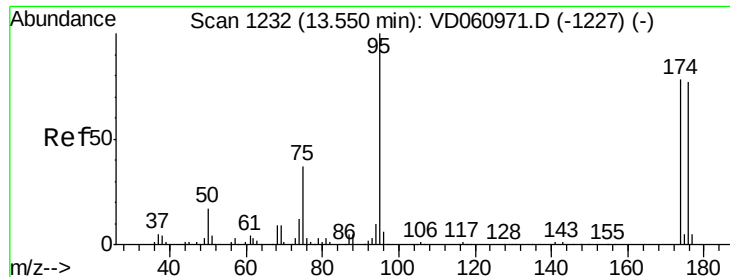
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061193.D
Acq: 19 Mar 2019 18:57

Tgt Ion: 98 Resp: 630150
Ion Ratio Lower Upper
98 100
100 69.3 57.4 86.2



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061193.D

Acq: 19 Mar 2019 18:57

Instrument :

MSVOA_D

ClientSampleId :

SB-18(14-15)RE

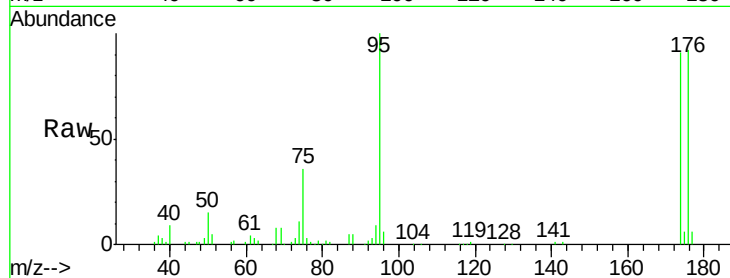
Tot Ion: 95 Resp: 179358

Ion Ratio Lower Upper

95 100

174 90.6 0.0 155.6

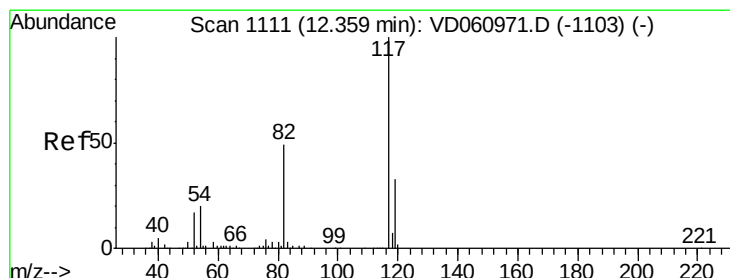
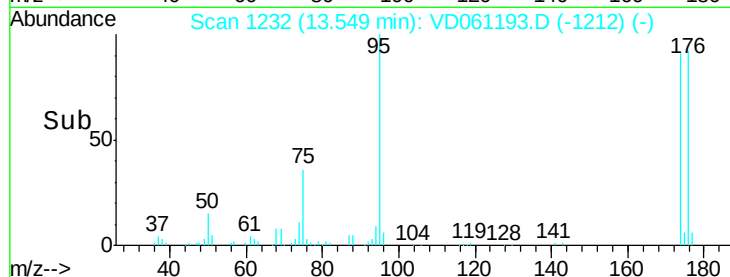
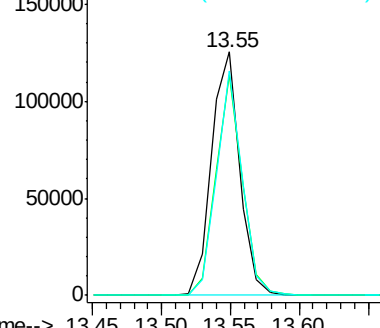
176 92.1 0.0 153.8



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: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD061193.D

Acq: 19 Mar 2019 18:57

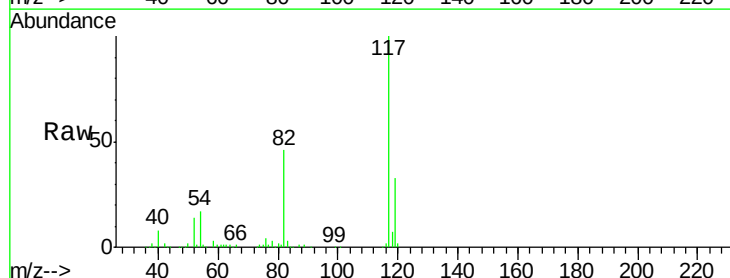
Tgt Ion: 117 Resp: 477758

Ion Ratio Lower Upper

117 100

82 46.3 38.9 58.3

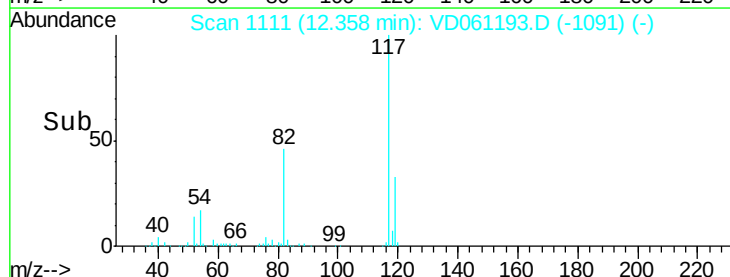
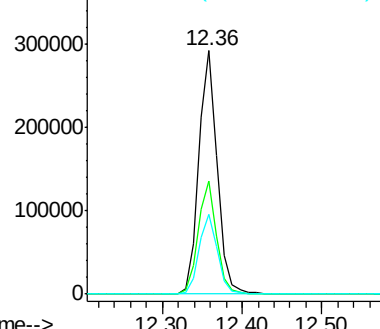
119 32.8 26.6 39.8

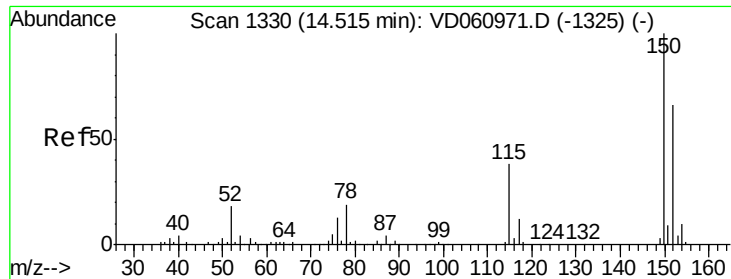


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061193.D

Acq: 19 Mar 2019 18:57

Instrument :

MSVOA_D

ClientSampleId :

SB-18(14-15)RE

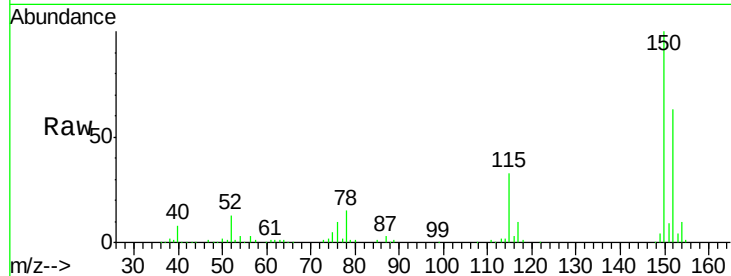
Tot Ion:152 Resp: 149029

Ion Ratio Lower Upper

152 100

115 52.0 28.6 85.9

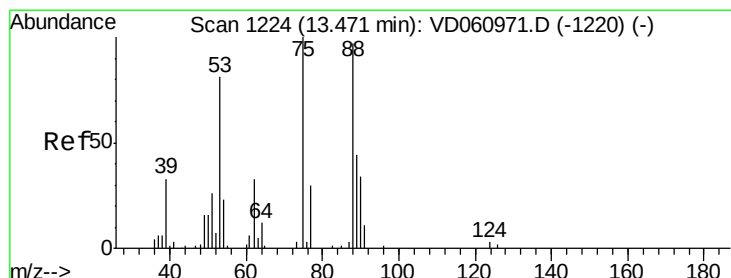
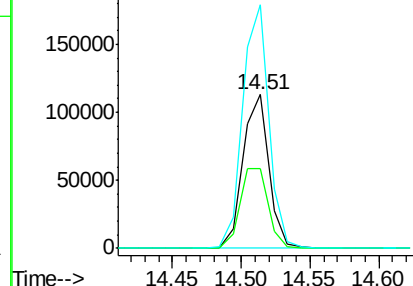
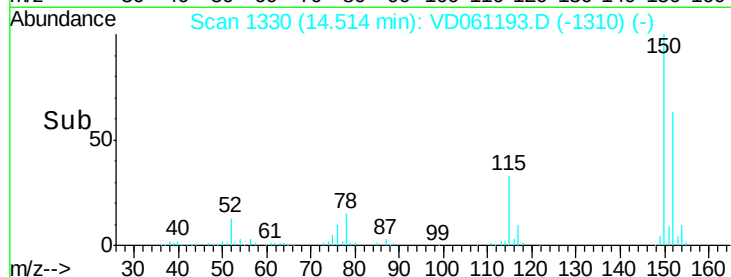
150 158.3 0.0 310.6



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: 107.318 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061193.D

Acq: 19 Mar 2019 18:57

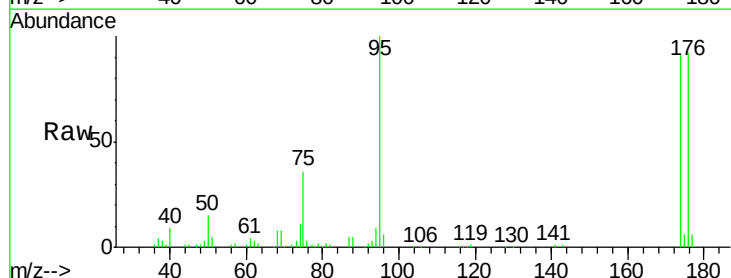
Tgt Ion: 75 Resp: 67837

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



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

