

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\NOT REVIEWED DATA\
 Data File : VD061780.D
 Acq On : 12 Apr 2019 16:05
 Operator : VA/AP
 Sample : K2200-03
 Misc : 6.62g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 00:45:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

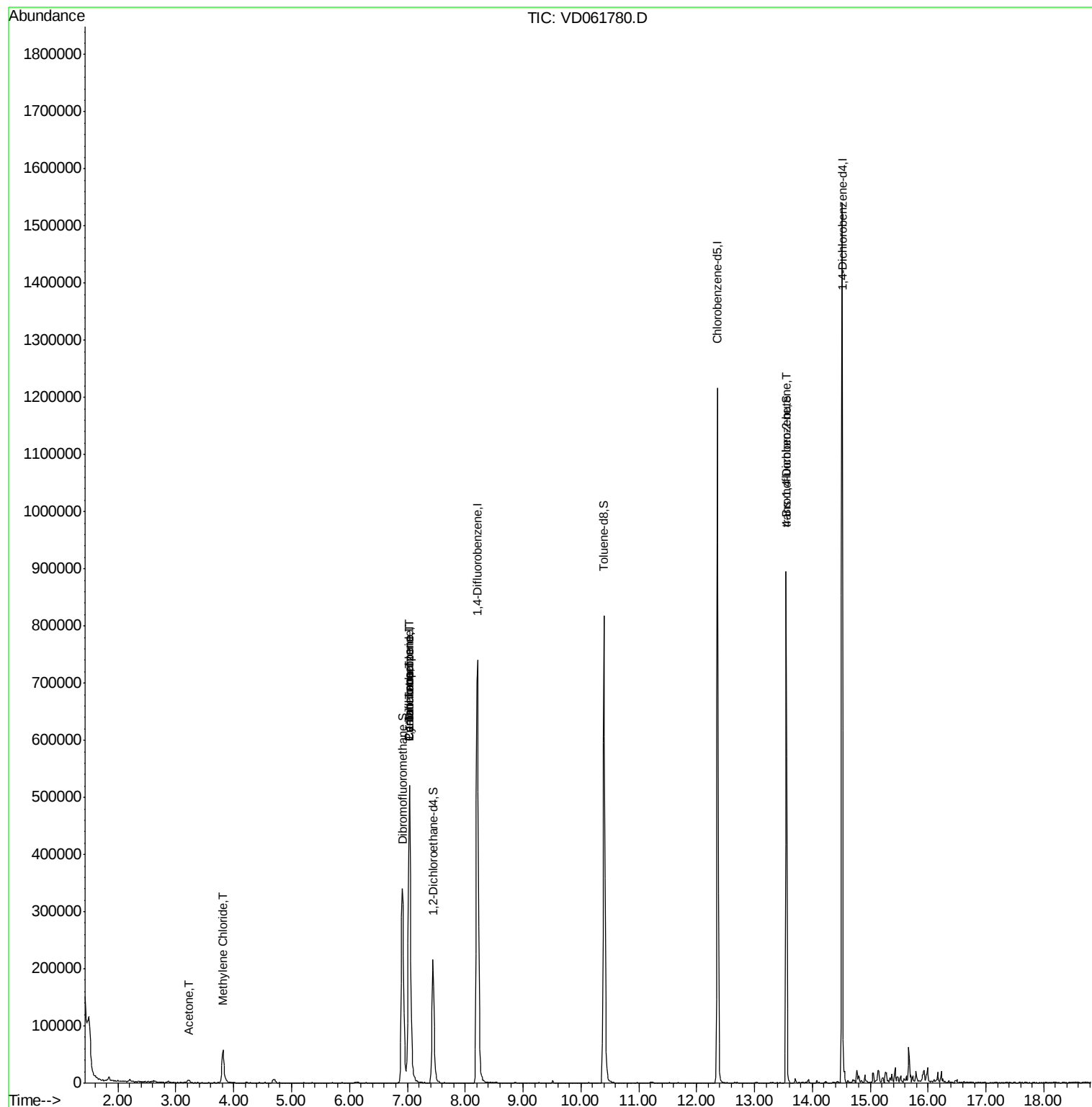
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	561878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	930167	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	750743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	338401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	218935	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
35) Dibromofluoromethane	6.91	113	332466	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
50) Toluene-d8	10.40	98	683923	42.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.48%	
62) 4-Bromofluorobenzene	13.55	95	273068	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
Target Compounds						
16) Acetone	3.21	43	10953	8.603	ug/l #	89
20) Methylene Chloride	3.81	84	42879	5.935	ug/l	98
31) Cyclohexane	7.03	56	9831	1.226	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	42151	5.178	ug/l #	45
38) Carbon Tetrachloride	7.04	117	53236	5.580	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	104418	74.740	ug/l #	20

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

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QLast Update : Mon Apr 08 10:04:03 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: VD061780.D

Acq: 12 Apr 2019 16:05

Instrument :

MSVOA_D

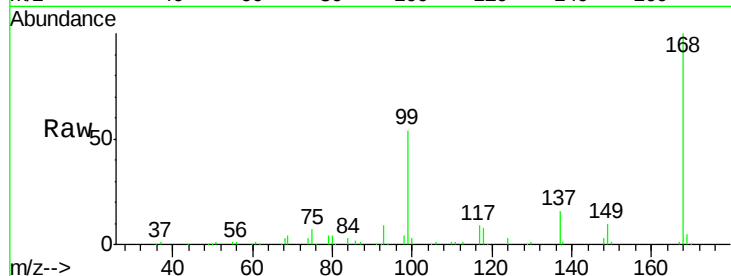
ClientSampleId :

Tot Ion:168 Resp: 561878

Ion Ratio Lower Upper

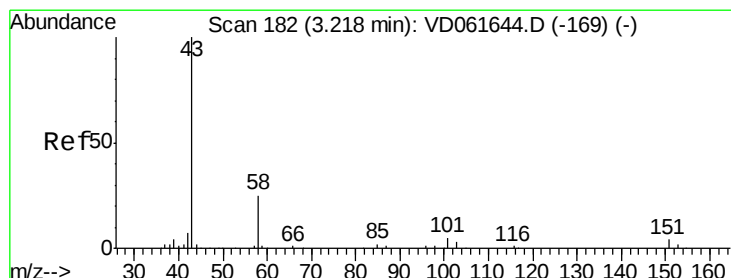
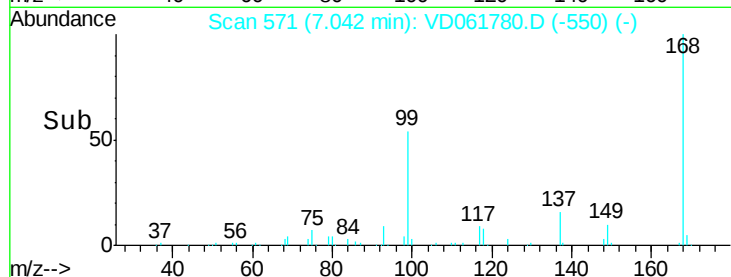
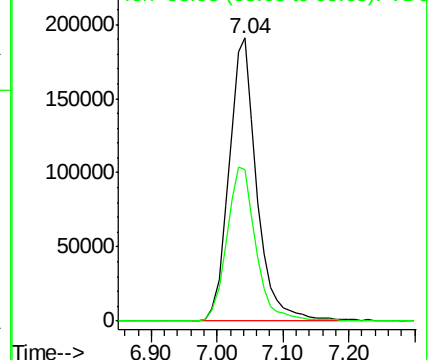
168 100

99 53.7 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 8.603 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061780.D

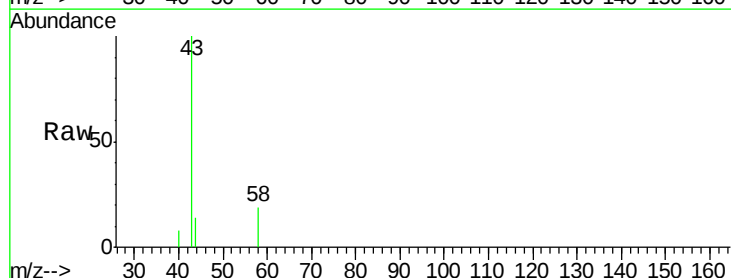
Acq: 12 Apr 2019 16:05

Tgt Ion: 43 Resp: 10953

Ion Ratio Lower Upper

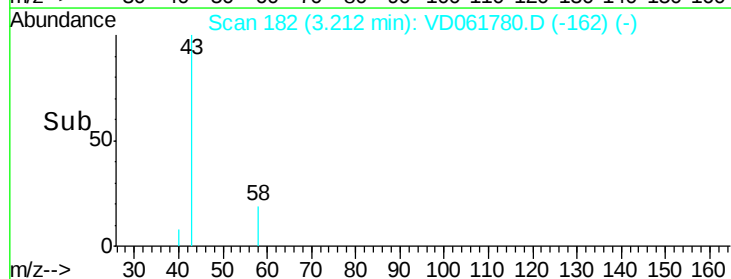
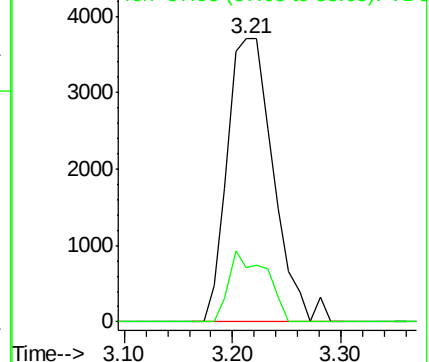
43 100

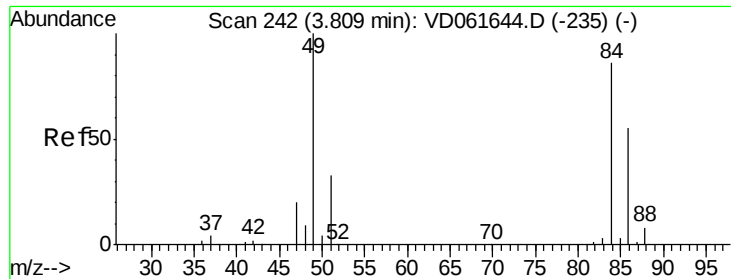
58 19.2 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 5.935 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD061780.D

Acq: 12 Apr 2019 16:05

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 84 Resp: 42879

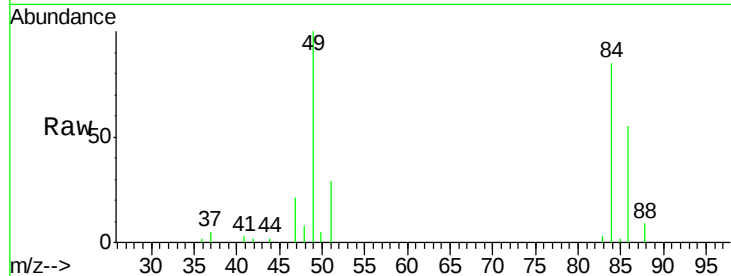
Ion Ratio Lower Upper

84 100

49 117.9 93.0 139.4

51 34.1 30.4 45.6

86 64.4 51.0 76.4

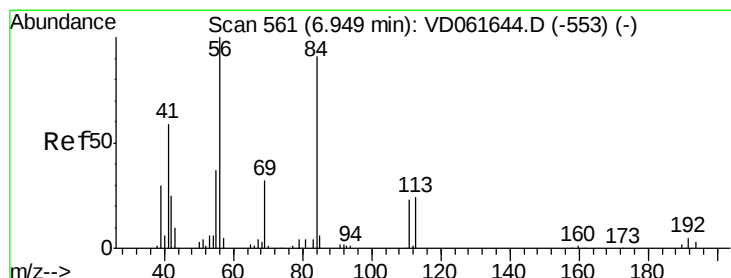
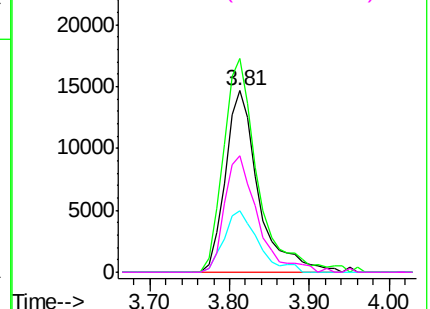
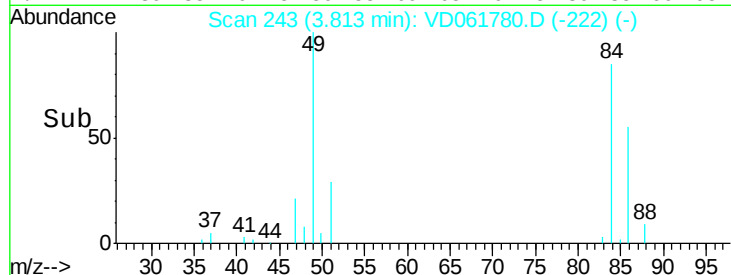


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 1.226 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.08 min

Lab File: VD061780.D

Acq: 12 Apr 2019 16:05

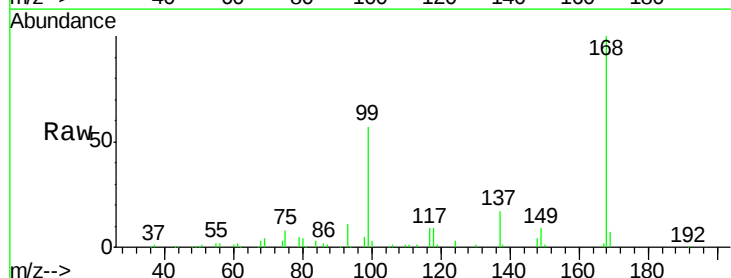
Tgt Ion: 56 Resp: 9831

Ion Ratio Lower Upper

56 100

69 244.4 25.8 38.6#

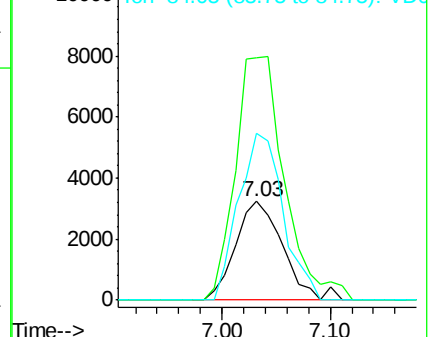
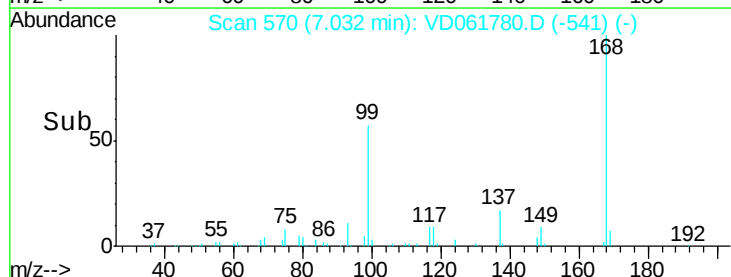
84 168.2 74.2 111.2#

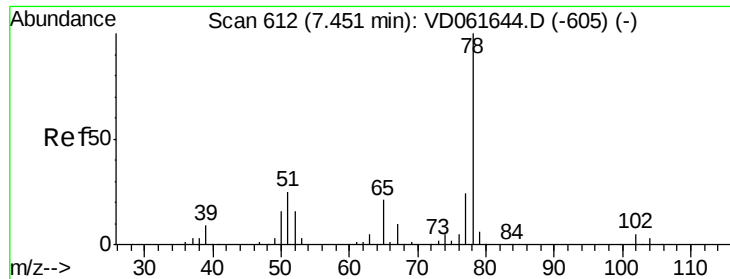


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

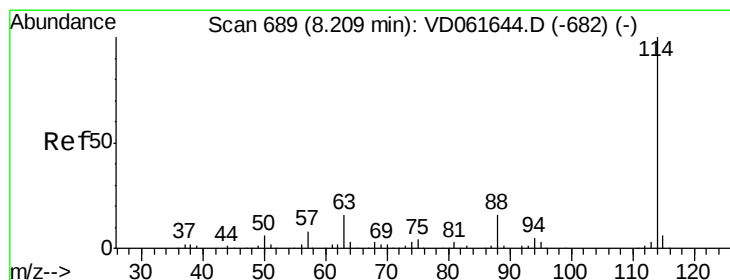
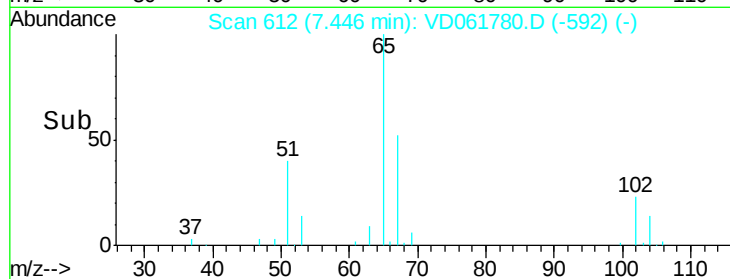
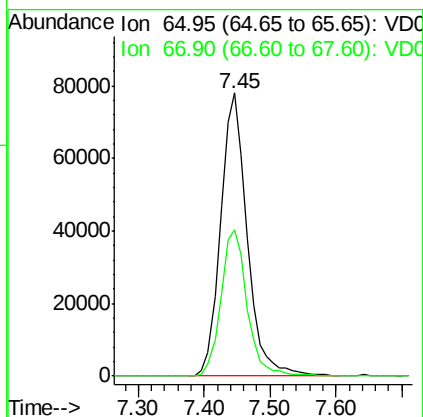
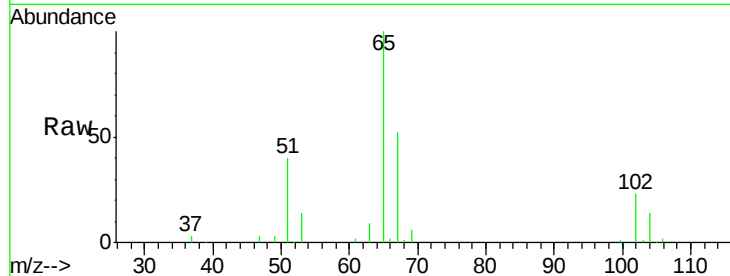




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD061780.D
 Acq: 12 Apr 2019 16:05

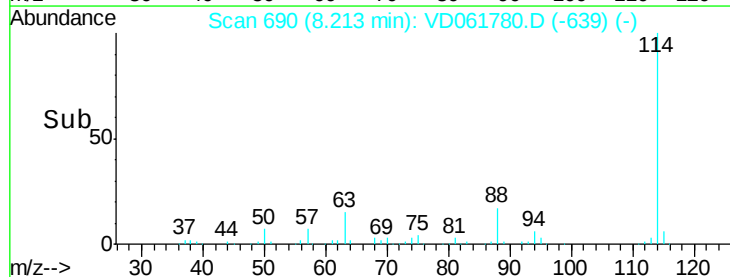
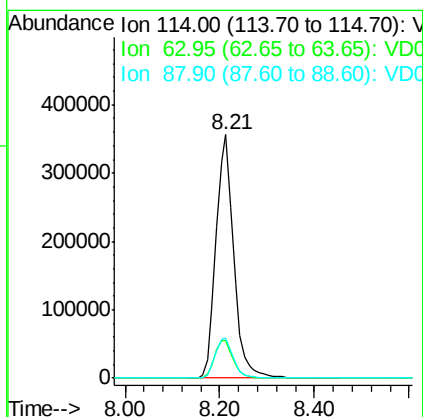
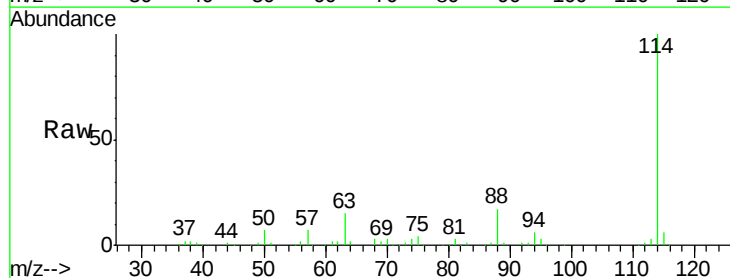
Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 65 Resp: 218935
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061780.D
 Acq: 12 Apr 2019 16:05

Tgt Ion: 114 Resp: 930167
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 31.2
 88 16.7 0.0 31.8

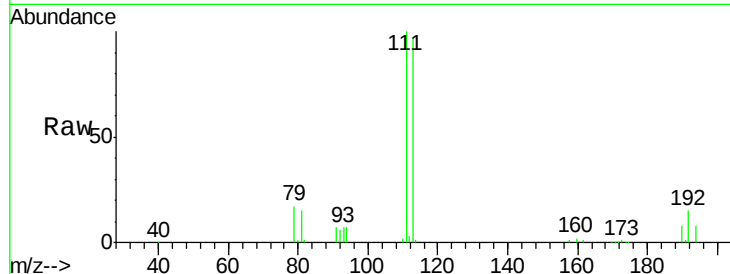




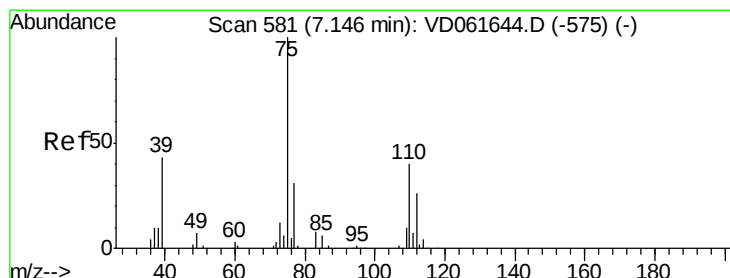
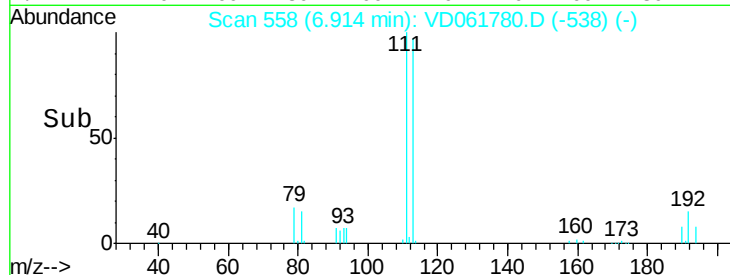
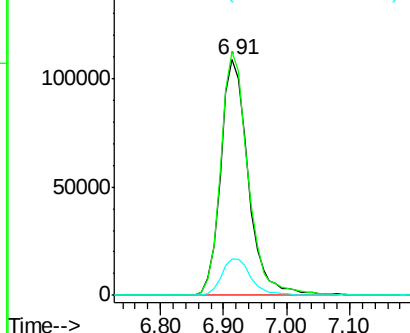
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061780.D
 Acq: 12 Apr 2019 16:05

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:113 Resp: 332466
 Ion Ratio Lower Upper
 113 100
 111 103.4 79.3 118.9
 192 15.5 12.3 18.5

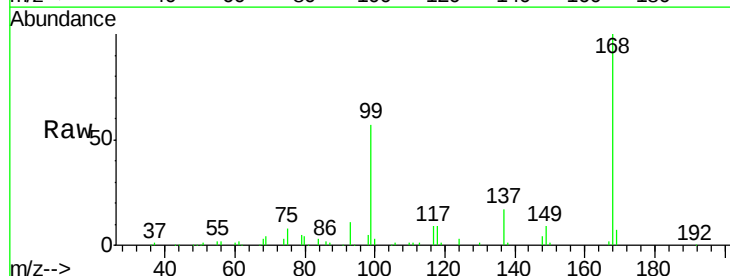


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

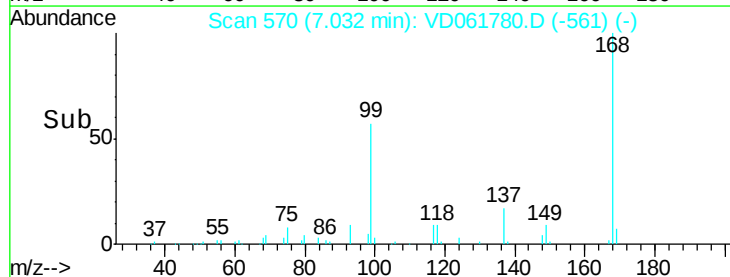
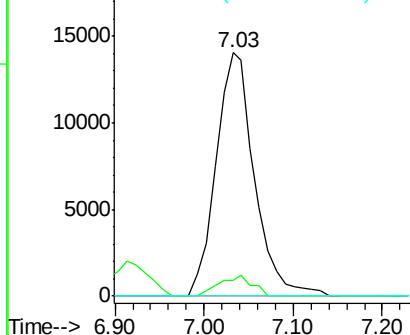


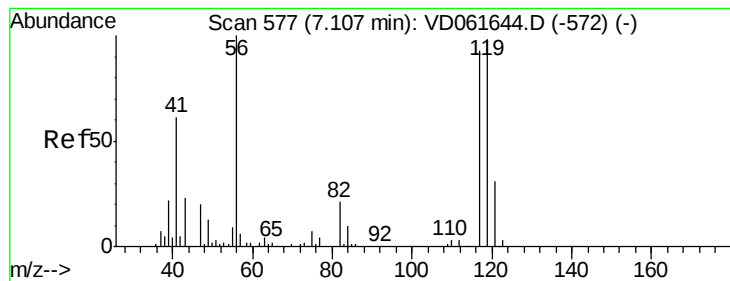
#36
 1,1-Dichloropropene
 Concen: 5.178 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD061780.D
 Acq: 12 Apr 2019 16:05

Tgt Ion: 75 Resp: 42151
 Ion Ratio Lower Upper
 75 100
 110 6.5 19.7 59.0#
 77 0.0 24.8 37.2#



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: 5.580 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.06 min

Lab File: VD061780.D

Acq: 12 Apr 2019 16:05

Instrument :

MSVOA_D

ClientSampleId :

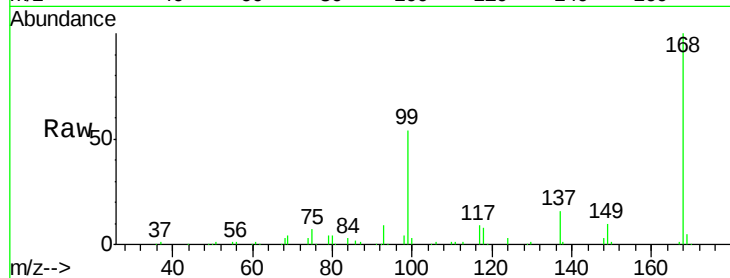
Tot Ion:117 Resp: 53236

Ion Ratio Lower Upper

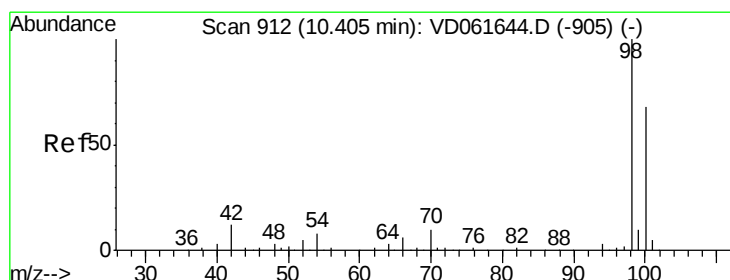
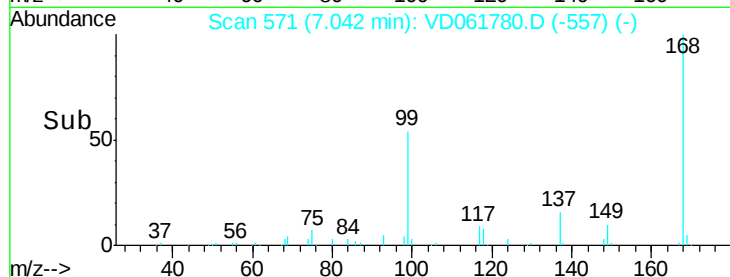
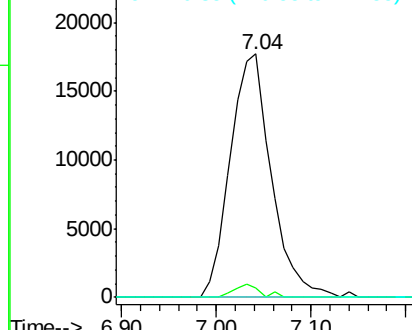
117 100

119 4.0 77.9 116.9#

121 0.0 24.7 37.1#



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. -0.01 min

Lab File: VD061780.D

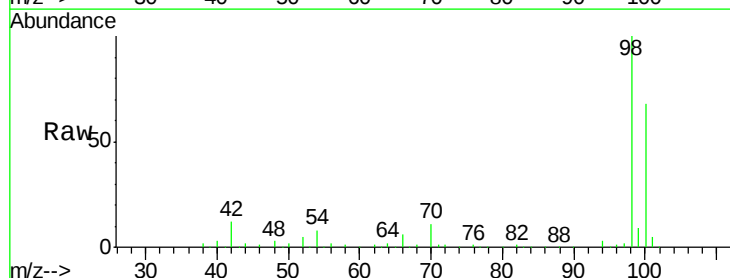
Acq: 12 Apr 2019 16:05

Tgt Ion: 98 Resp: 683923

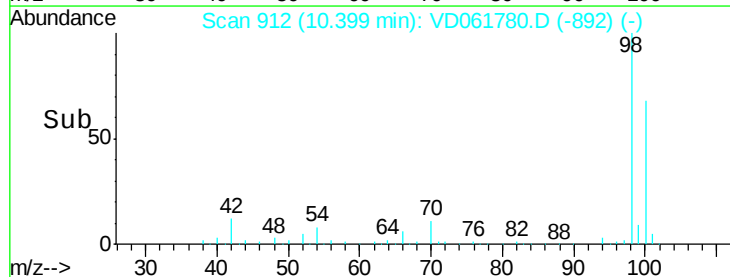
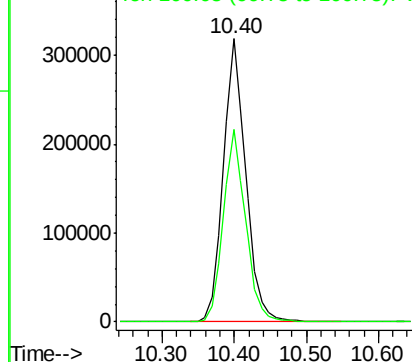
Ion Ratio Lower Upper

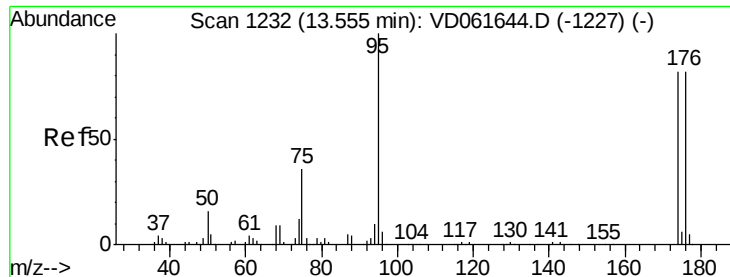
98 100

100 68.0 55.4 83.0



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: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD061780.D

Acq: 12 Apr 2019 16:05

Instrument :

MSVOA_D

ClientSampled :

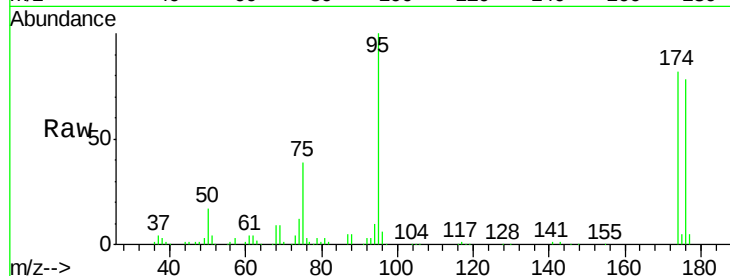
Tot Ion: 95 Resp: 273068

Ion Ratio Lower Upper

95 100

174 81.6 0.0 164.6

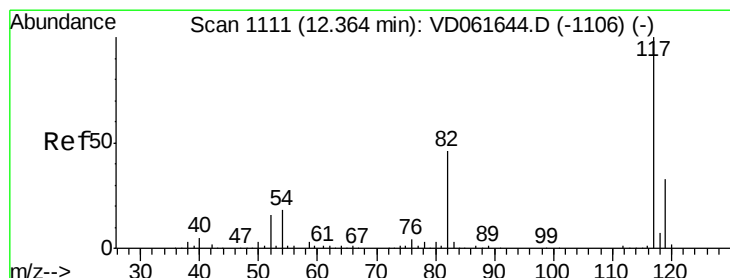
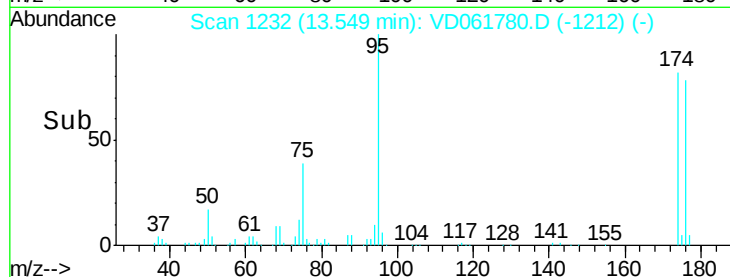
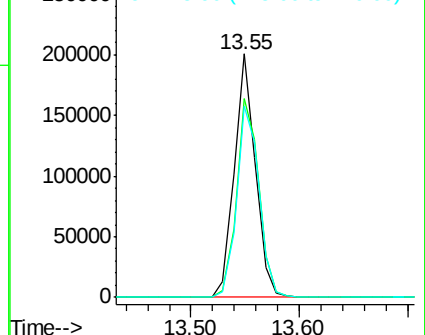
176 78.3 0.0 165.0



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: 12.36 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD061780.D

Acq: 12 Apr 2019 16:05

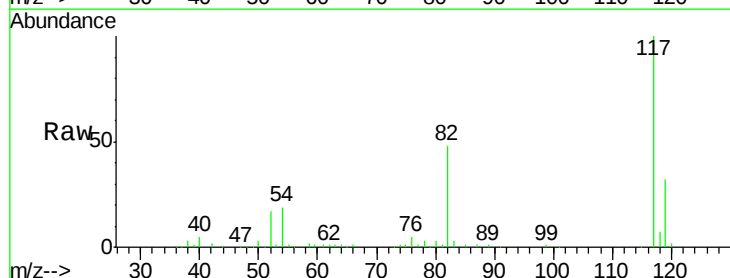
Tgt Ion: 117 Resp: 750743

Ion Ratio Lower Upper

117 100

82 48.2 36.8 55.2

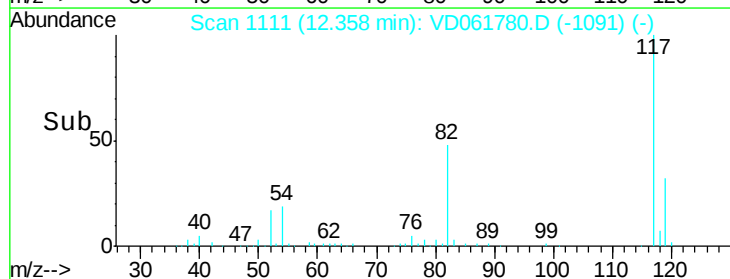
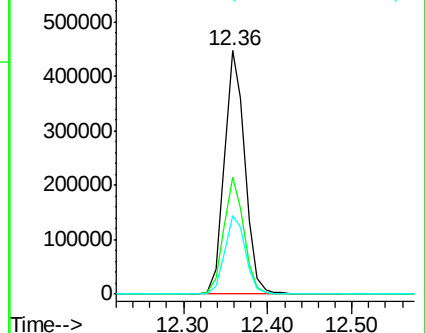
119 32.4 26.1 39.1

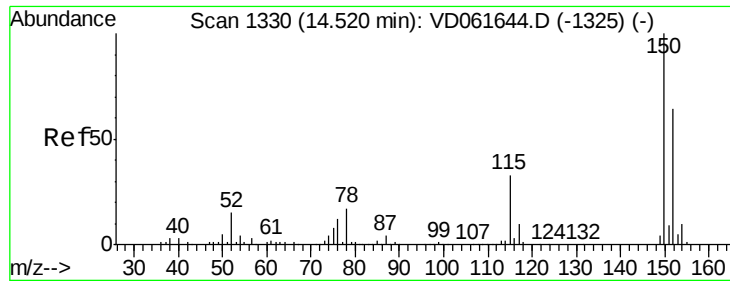


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.01 min

Lab File: VD061780.D

Acq: 12 Apr 2019 16:05

Instrument :

MSVOA_D

ClientSampled :

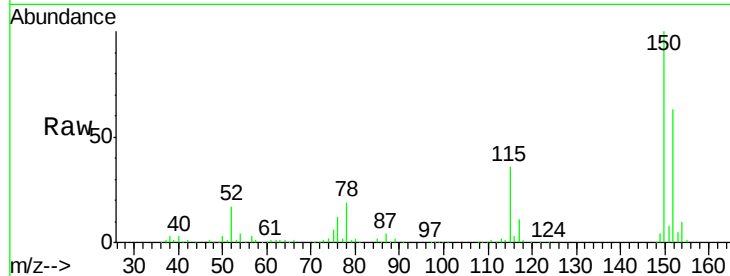
Tot Ion:152 Resp: 338401

Ion Ratio Lower Upper

152 100

115 56.5 26.4 79.2

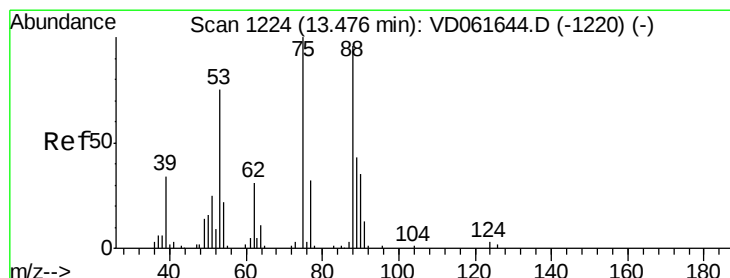
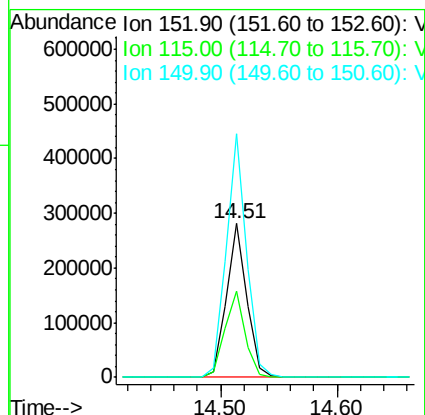
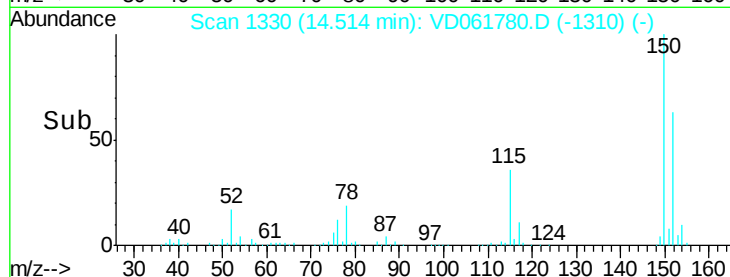
150 158.7 0.0 320.6



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: 74.740 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD061780.D

Acq: 12 Apr 2019 16:05

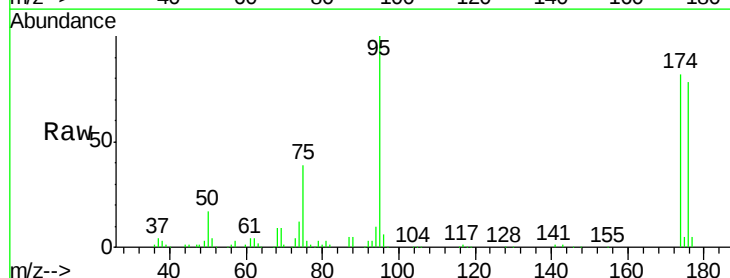
Tgt Ion: 75 Resp: 104418

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



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

