

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061404.D
 Acq On : 28 Mar 2019 21:23
 Operator : VA/AP
 Sample : K2105-02
 Misc : 4.96g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-WATER

Quant Time: Mar 29 01:14:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

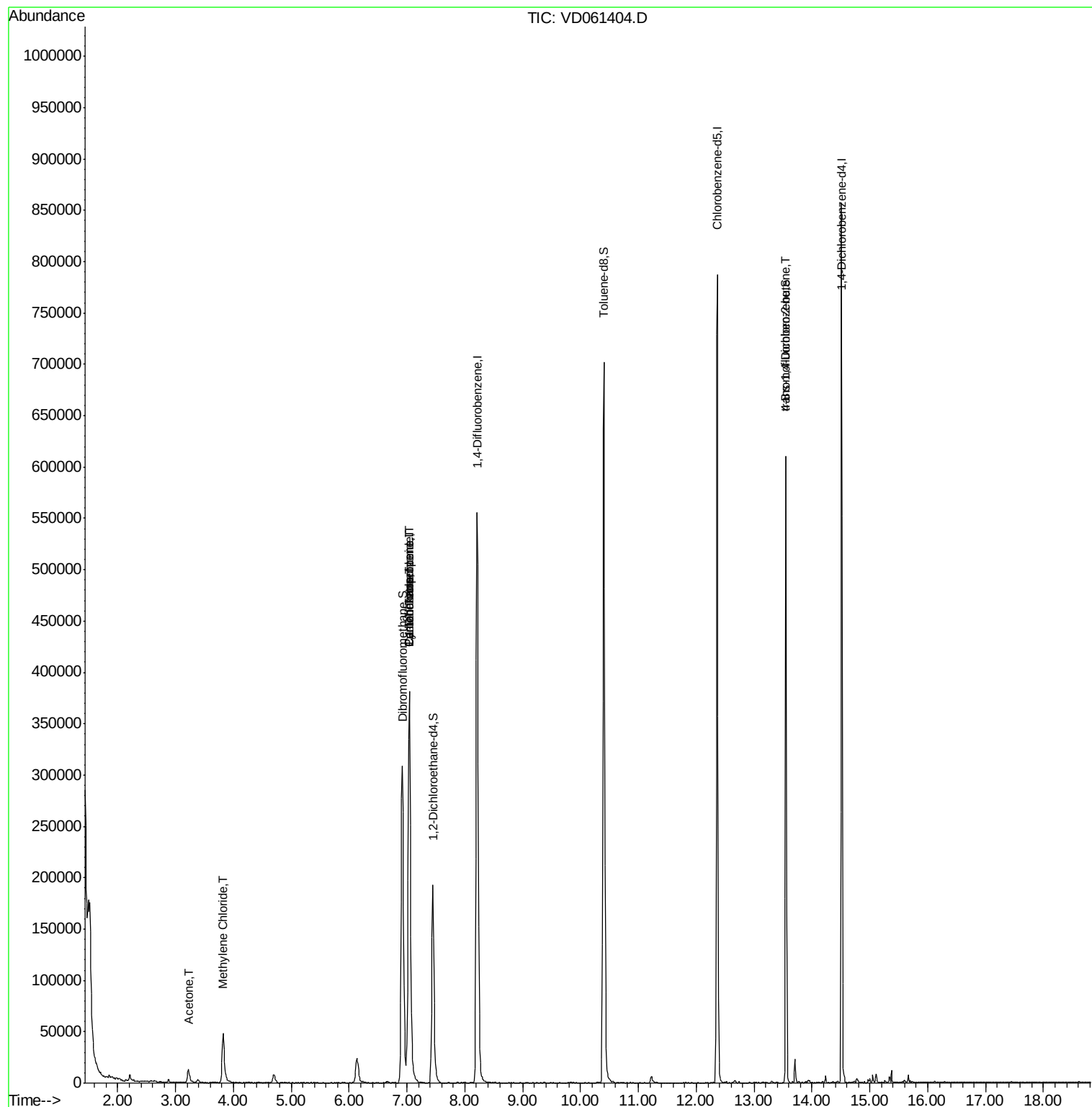
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	418725	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	686427	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	518356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	188909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	202974	56.75	ug/l	0.02
Spiked Amount 50.000			Recovery	=	113.50%	
35) Dibromofluoromethane	6.92	113	302295	57.63	ug/l	0.02
Spiked Amount 50.000			Recovery	=	115.26%	
50) Toluene-d8	10.40	98	625404	49.71	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	13.54	95	213251	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	28787	31.307	ug/l #	88
20) Methylene Chloride	3.82	84	38949	5.867	ug/l	92
31) Cyclohexane	7.03	56	7328	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	30966	5.169	ug/l #	47
38) Carbon Tetrachloride	7.04	117	39671	5.763	ug/l #	14
81) trans-1,4-Dichloro-2-buten	13.54	75	79004	94.954	ug/l #	18

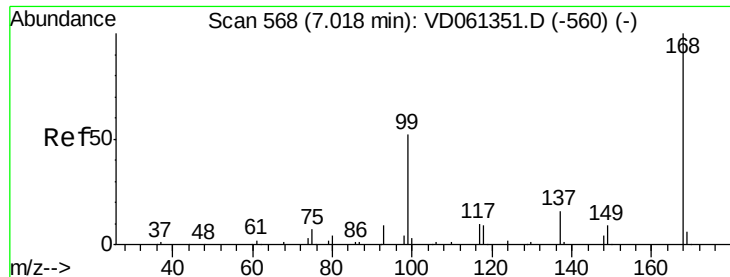
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032819\
Data File : VD061404.D
Acq On : 28 Mar 2019 21:23
Operator : VA/AP
Sample : K2105-02
Misc : 4.96g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NJ-WATER

Quant Time: Mar 29 01:14:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061404.D

Acq: 28 Mar 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

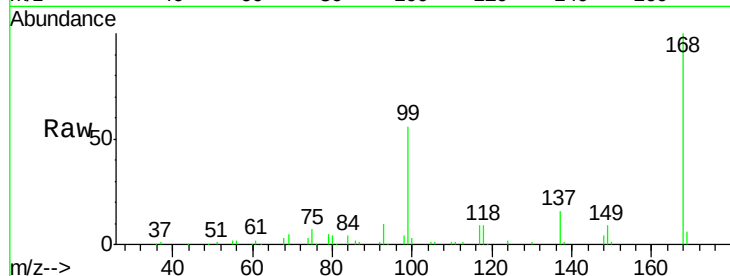
NJ-WATER

Tot Ion:168 Resp: 418725

Ion Ratio Lower Upper

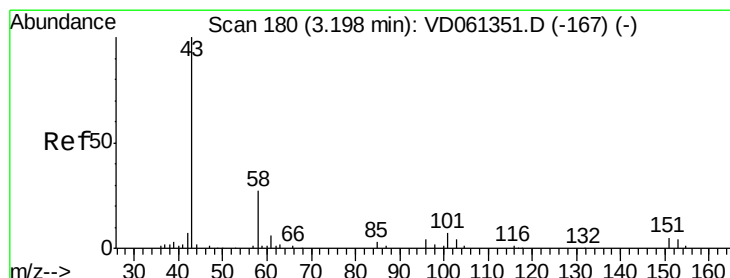
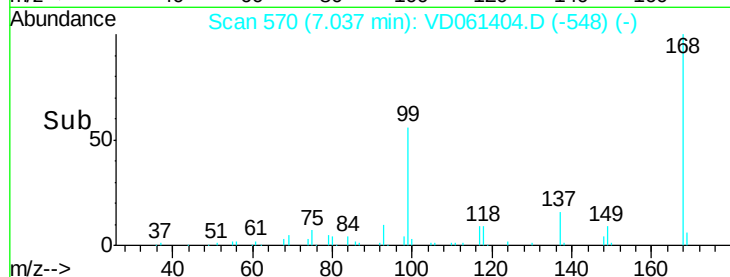
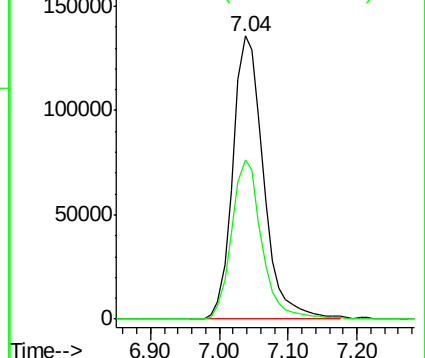
168 100

99 56.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 31.307 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061404.D

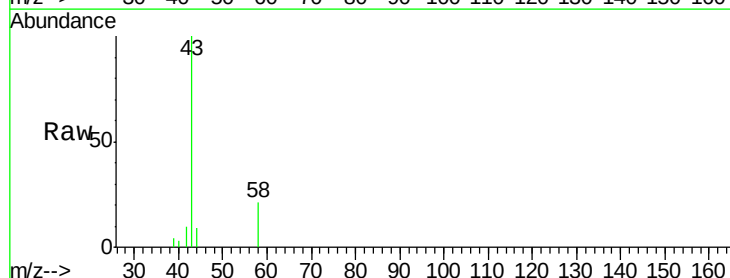
Acq: 28 Mar 2019 21:23

Tgt Ion: 43 Resp: 28787

Ion Ratio Lower Upper

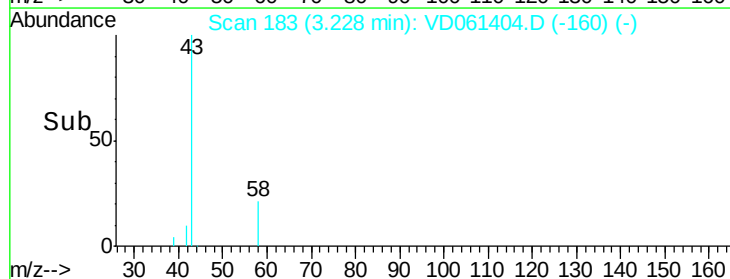
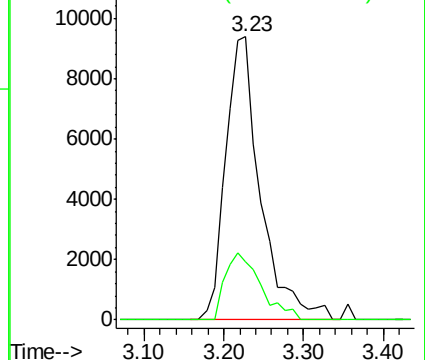
43 100

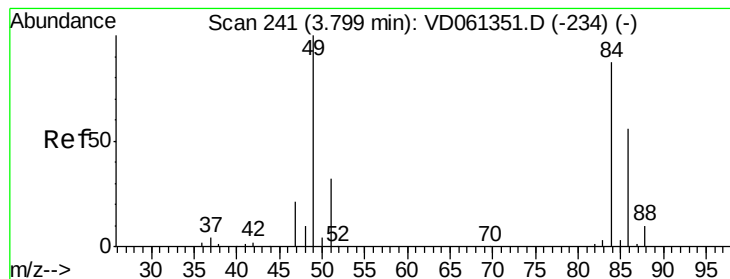
58 20.7 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 5.867 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061404.D

Acq: 28 Mar 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

NJ-WATER

Tot Ion: 84 Resp: 38949

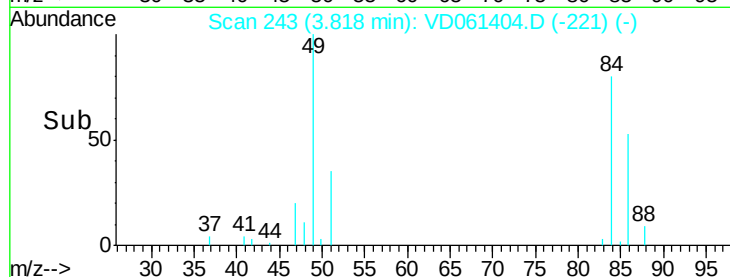
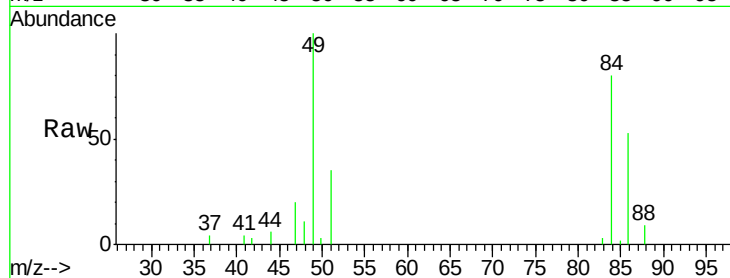
Ion Ratio Lower Upper

84 100

49 125.1 91.8 137.8

51 43.9 29.8 44.8

86 66.5 51.8 77.6

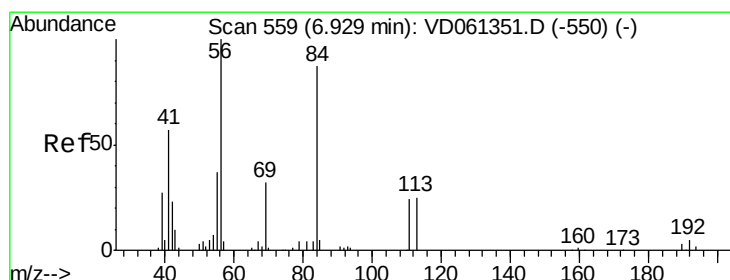
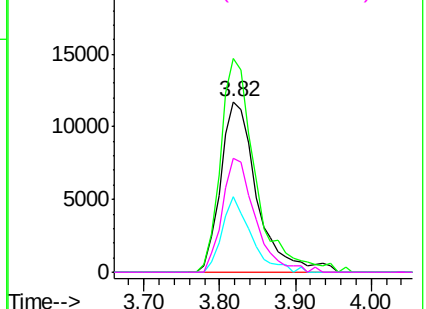


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 1.189 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.10 min

Lab File: VD061404.D

Acq: 28 Mar 2019 21:23

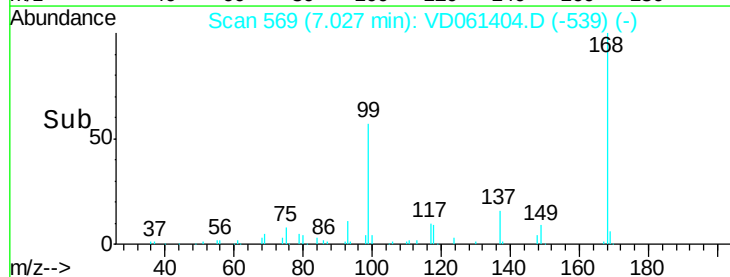
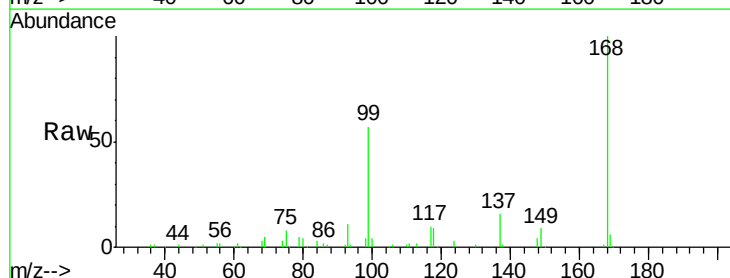
Tgt Ion: 56 Resp: 7328

Ion Ratio Lower Upper

56 100

69 232.6 25.7 38.5#

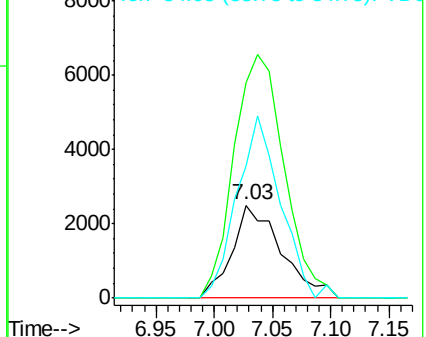
84 142.7 70.6 105.8#

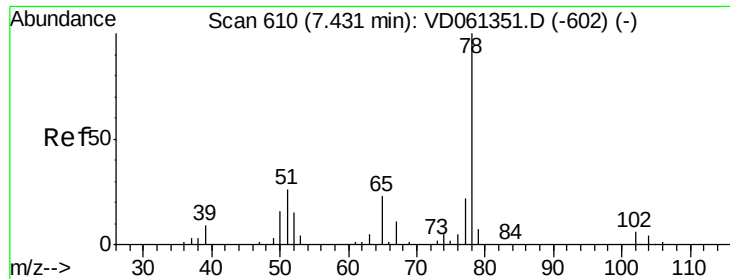


Abundance Ion 55.95 (55.65 to 56.65): VDC

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. 0.02 min

Lab File: VD061404.D

Acq: 28 Mar 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

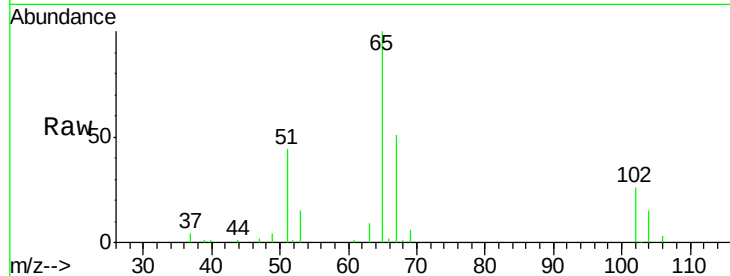
NJ-WATER

Tot Ion: 65 Resp: 202974

Ion Ratio Lower Upper

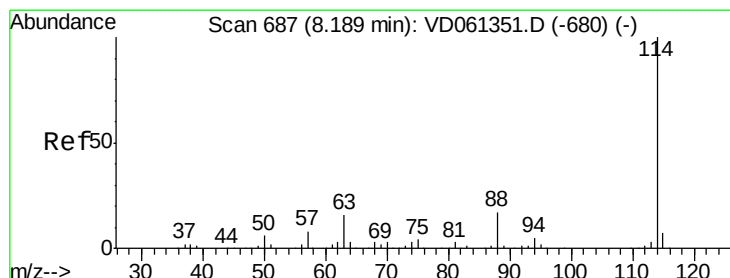
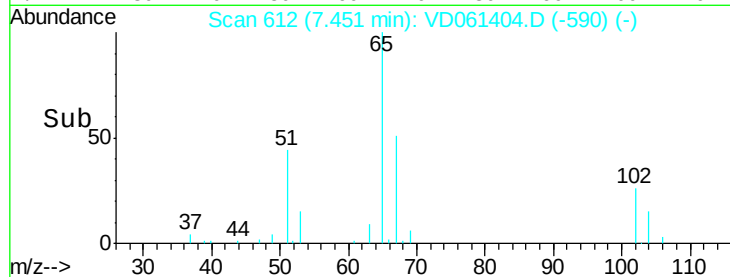
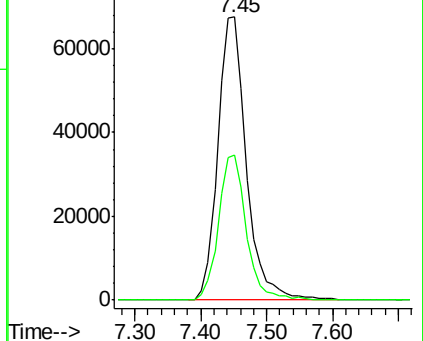
65 100

67 51.4 0.0 99.8



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: 8.21 min Scan# 689

Delta R.T. 0.02 min

Lab File: VD061404.D

Acq: 28 Mar 2019 21:23

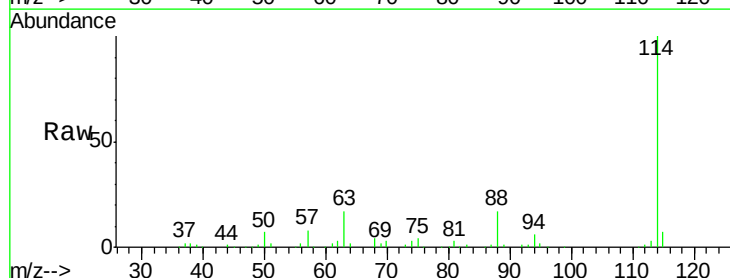
Tgt Ion: 114 Resp: 686427

Ion Ratio Lower Upper

114 100

63 17.0 0.0 31.6

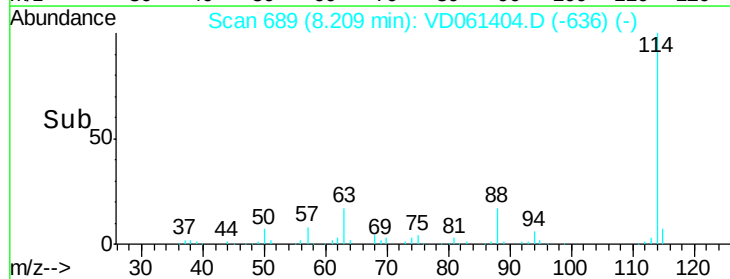
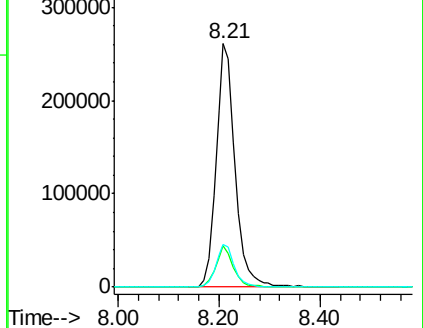
88 17.3 0.0 33.4

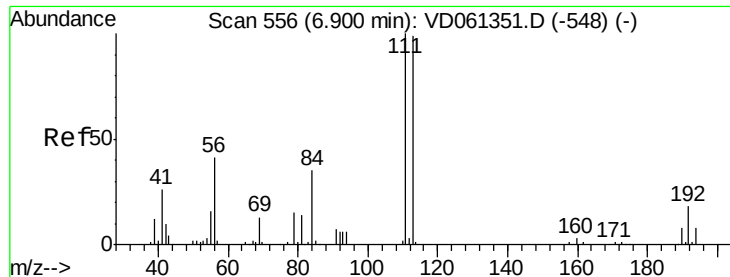


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

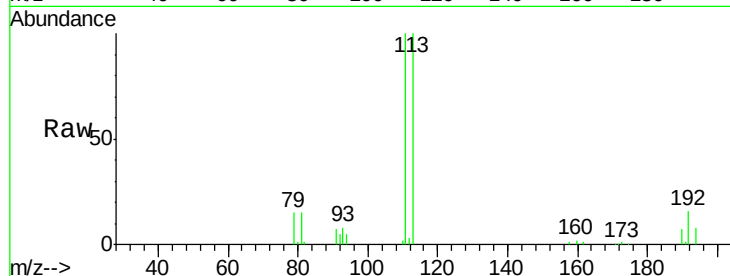




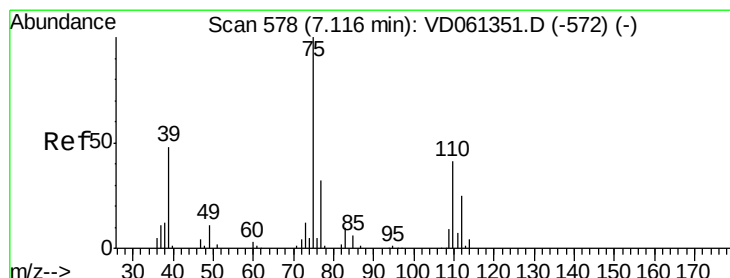
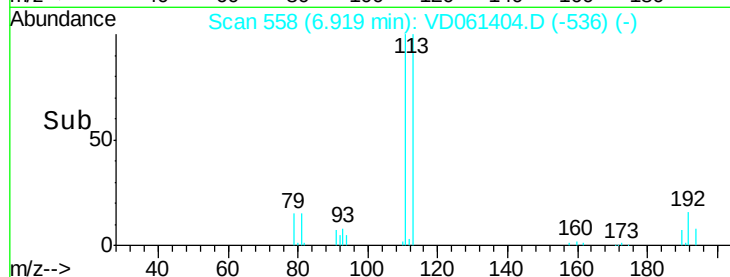
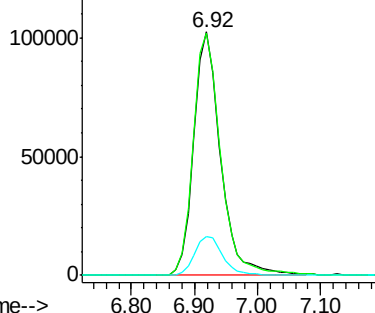
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061404.D
 Acq: 28 Mar 2019 21:23

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-WATER

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.8	81.0	121.6
192	15.8	14.4	21.6

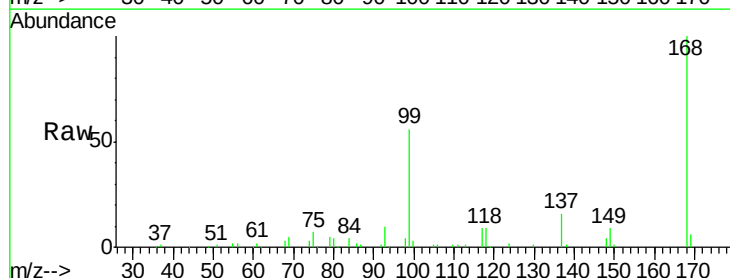


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

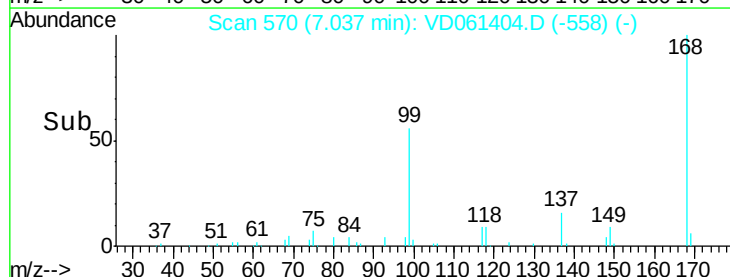
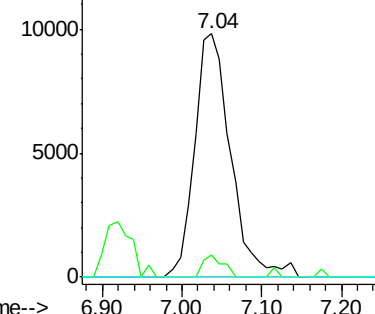


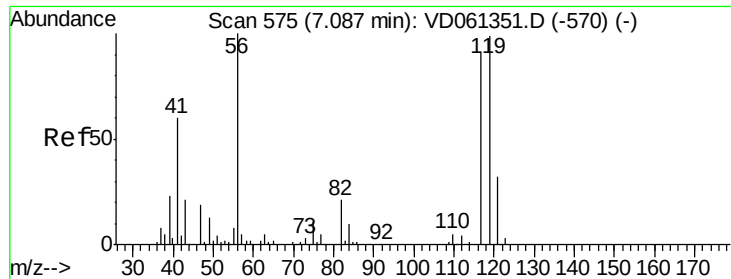
#36
 1,1-Dichloropropene
 Concen: 5.169 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD061404.D
 Acq: 28 Mar 2019 21:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	20.4	61.3#
77	0.0	24.9	37.3#



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: 5.763 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.05 min

Lab File: VD061404.D

Acq: 28 Mar 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

NJ-WATER

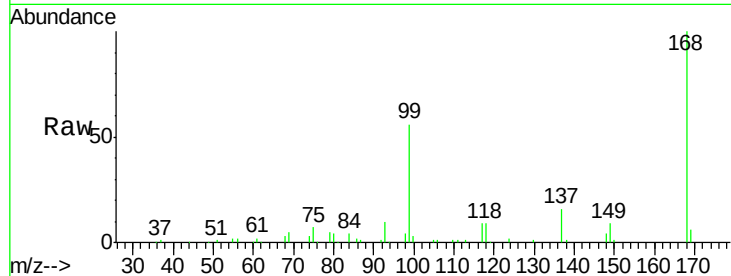
Tot Ion:117 Resp: 39671

Ion Ratio Lower Upper

117 100

119 5.0 80.1 120.1#

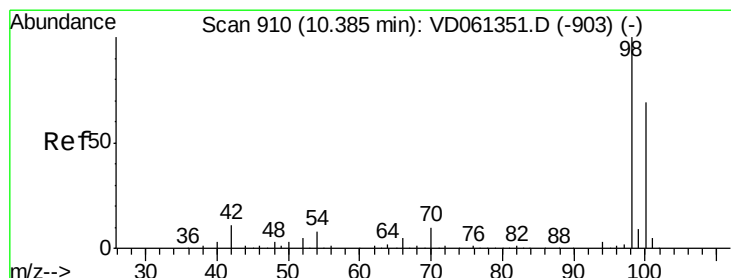
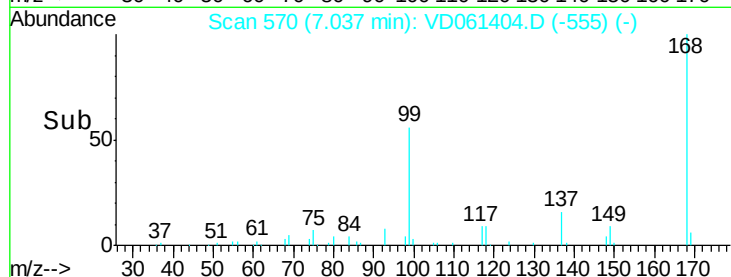
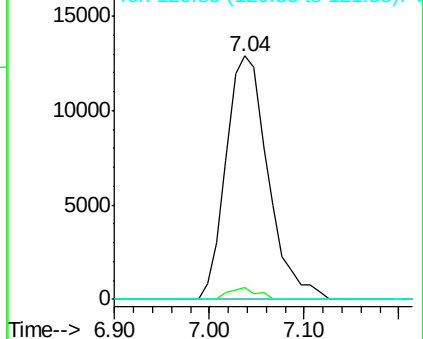
121 0.0 25.6 38.4#



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. 0.02 min

Lab File: VD061404.D

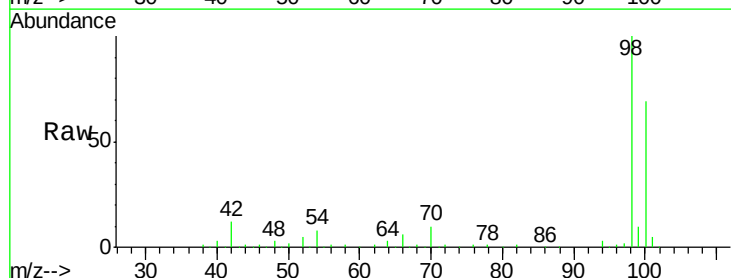
Acq: 28 Mar 2019 21:23

Tgt Ion: 98 Resp: 625404

Ion Ratio Lower Upper

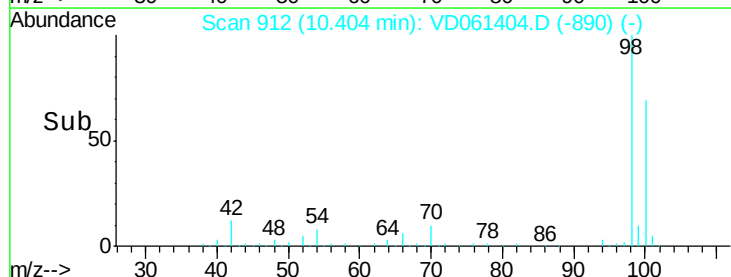
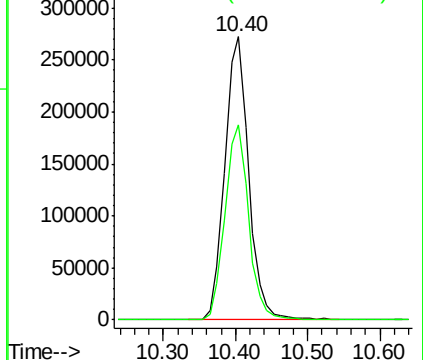
98 100

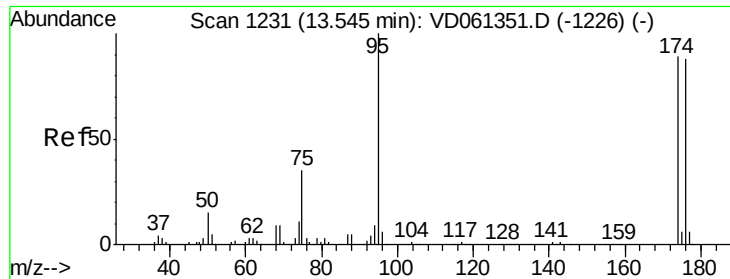
100 68.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

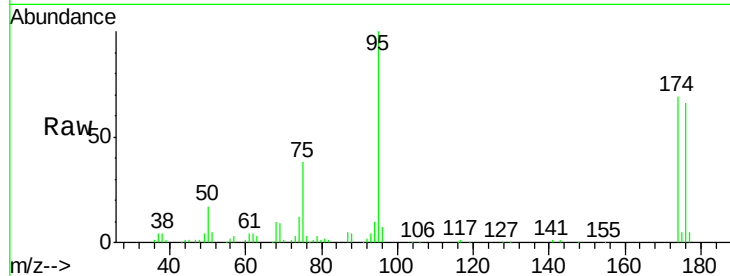




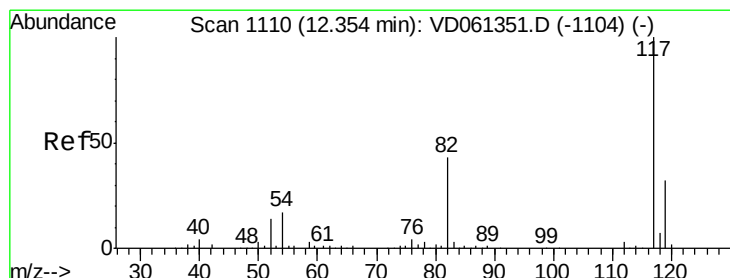
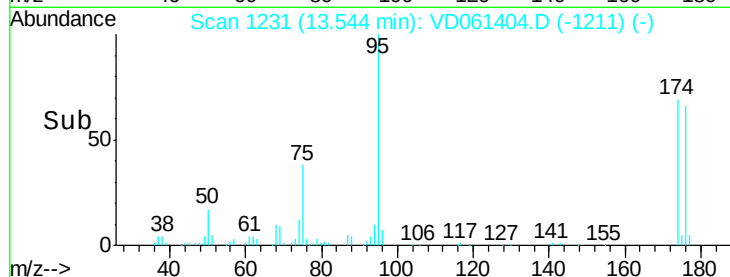
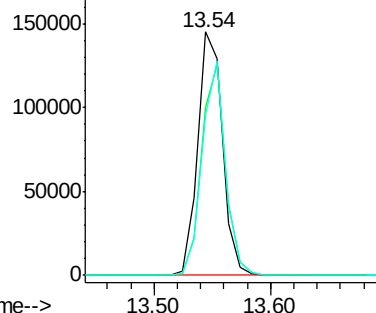
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061404.D
Acq: 28 Mar 2019 21:23

Instrument :
MSVOA_D
ClientSampleId :
NJ-WATER

Tot Ion: 95 Resp: 213251
Ion Ratio Lower Upper
95 100
174 69.2 0.0 178.0
176 65.7 0.0 175.0

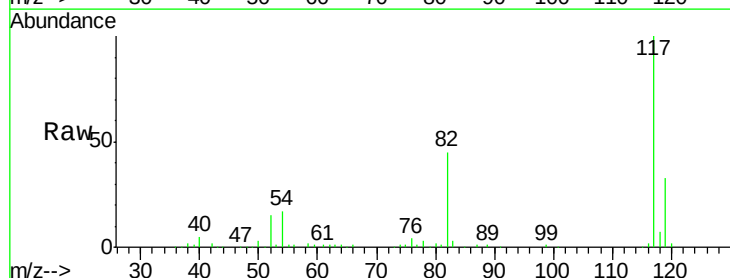


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

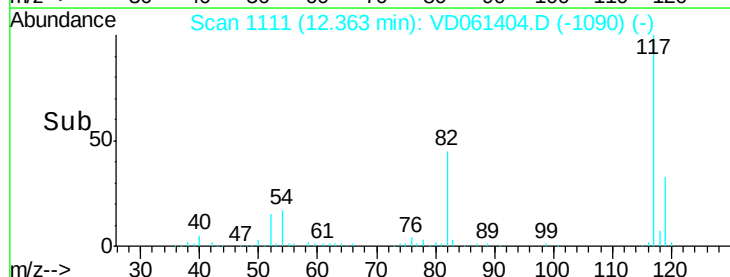
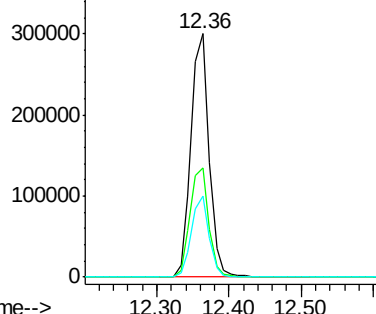


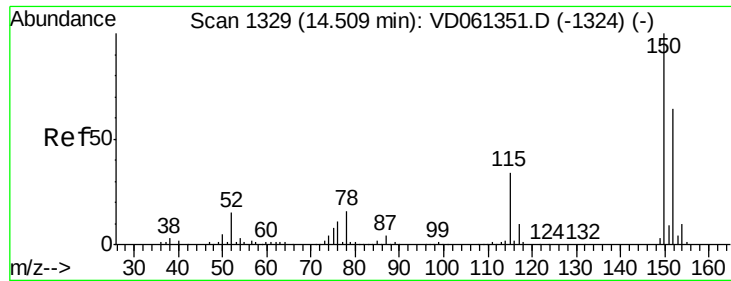
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061404.D
Acq: 28 Mar 2019 21:23

Tgt Ion: 117 Resp: 518356
Ion Ratio Lower Upper
117 100
82 44.8 34.4 51.6
119 33.1 25.8 38.6



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# 1329

Delta R.T. -0.00 min

Lab File: VD061404.D

Acq: 28 Mar 2019 21:23

Instrument :

MSVOA_D

ClientSampleId :

NJ-WATER

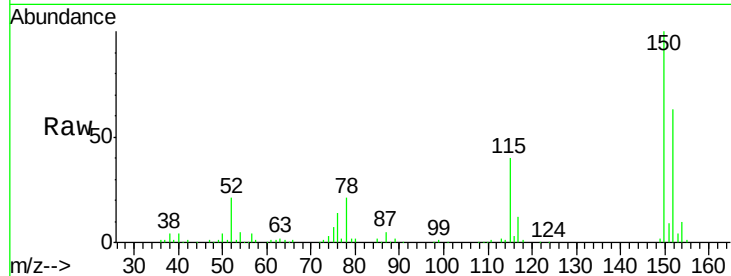
Tot Ion:152 Resp: 188909

Ion Ratio Lower Upper

152 100

115 64.1 26.9 80.6

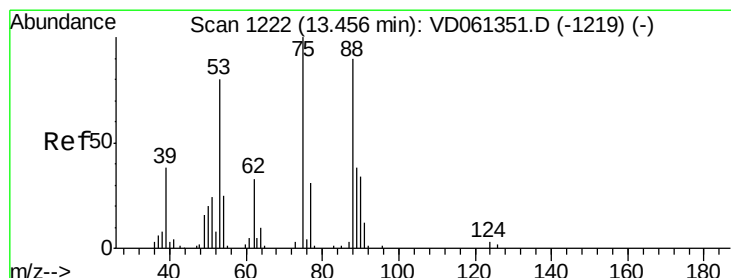
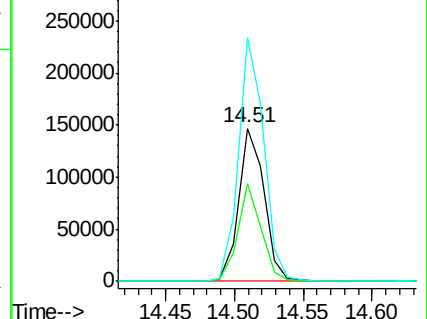
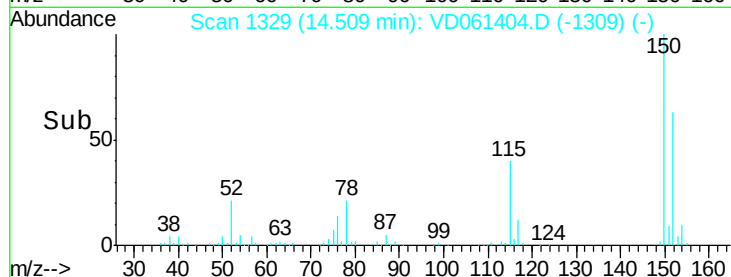
150 159.4 0.0 318.0



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: 94.954 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.09 min

Lab File: VD061404.D

Acq: 28 Mar 2019 21:23

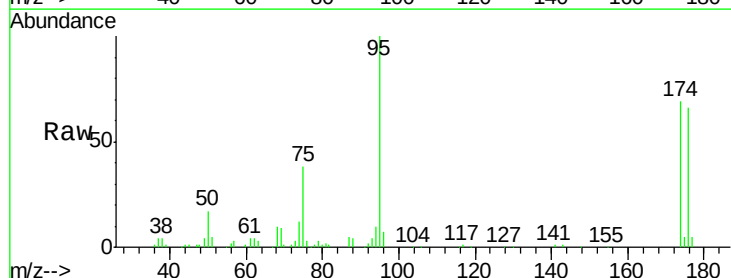
Tgt Ion: 75 Resp: 79004

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#



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

