

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032919\
 Data File : VD061441.D
 Acq On : 29 Mar 2019 20:33
 Operator : VA/AP
 Sample : K2105-02
 Misc : 4.52g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-WATER

Quant Time: Mar 30 00:33:51 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

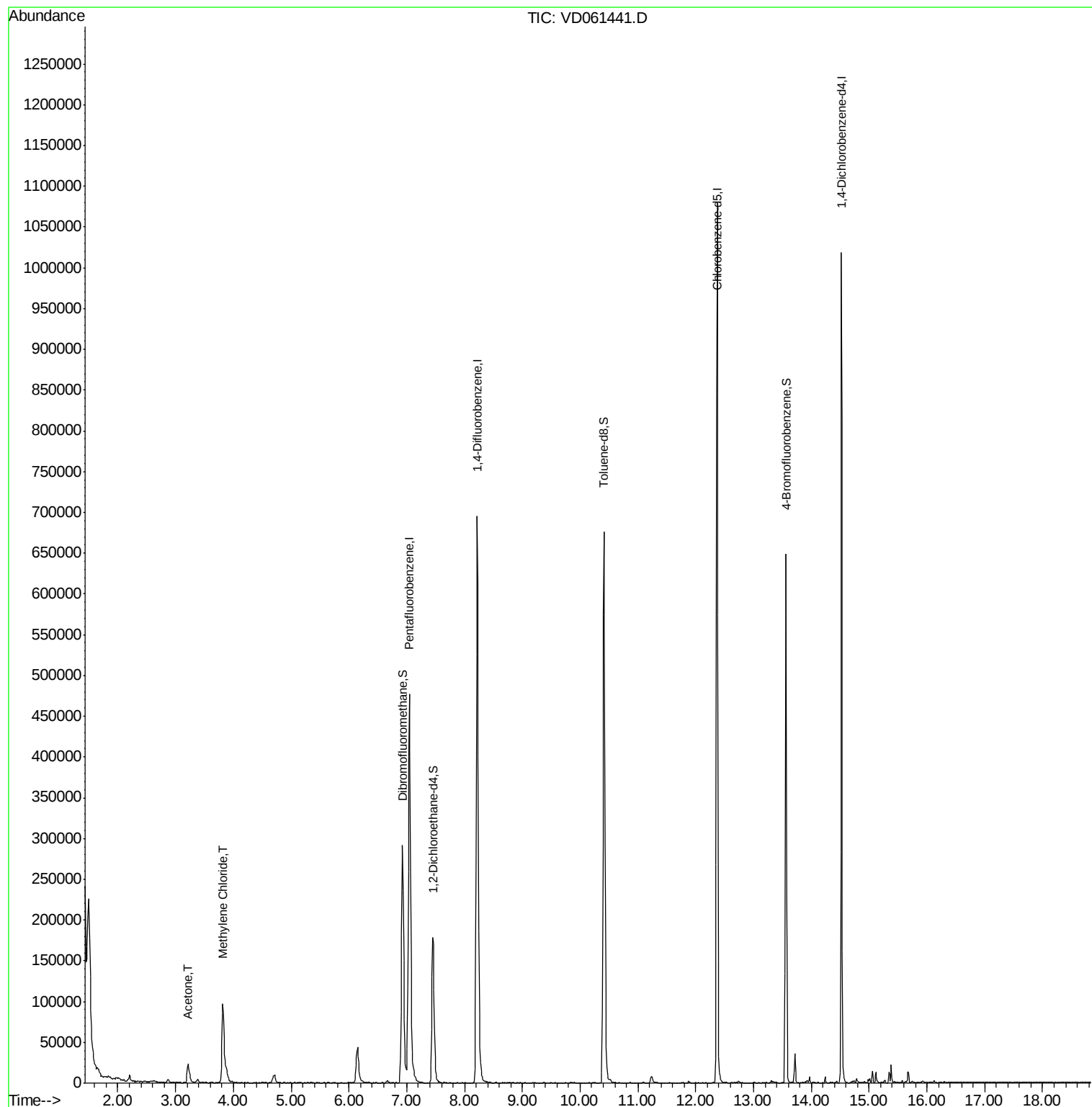
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	492526	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	868006	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	678589	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	250227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	173791	41.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.62%	
35) Dibromofluoromethane	6.93	113	283623	42.76	ug/l	0.03
Spiked Amount 50.000			Recovery	=	85.52%	
50) Toluene-d8	10.41	98	624294	39.24	ug/l	0.03
Spiked Amount 50.000			Recovery	=	78.48%	
62) 4-Bromofluorobenzene	13.56	95	217808	35.70	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.40%	
Target Compounds						
16) Acetone	3.22	43	47714	44.116	ug/l	92
20) Methylene Chloride	3.82	84	75790	11.012	ug/l	94

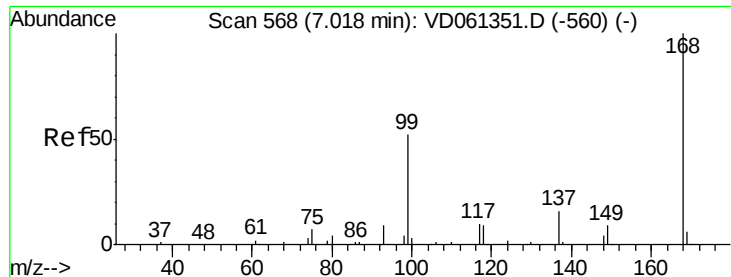
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061441.D

Acq: 29 Mar 2019 20:33

Instrument :

MSVOA_D

ClientSampleId :

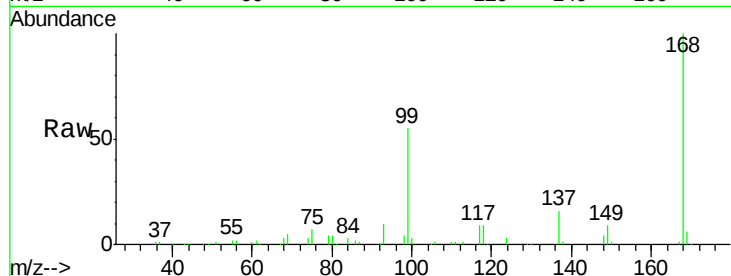
NJ-WATER

Tot Ion:168 Resp: 492526

Ion Ratio Lower Upper

168 100

99 55.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

150000

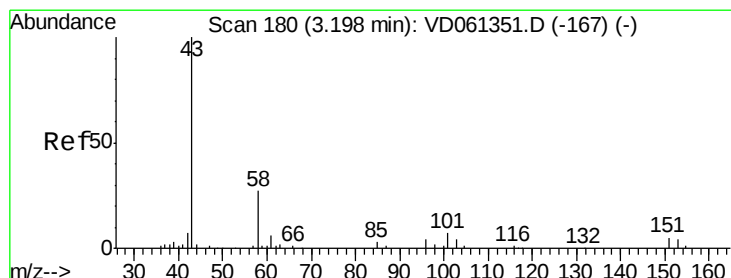
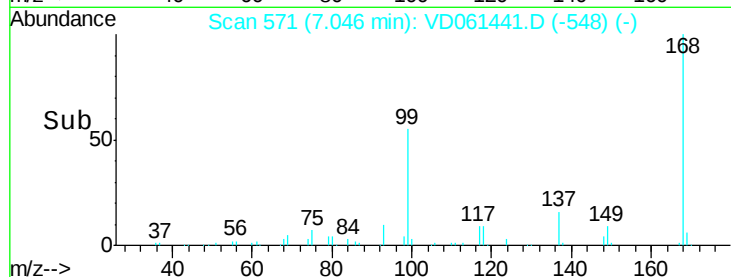
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 44.116 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061441.D

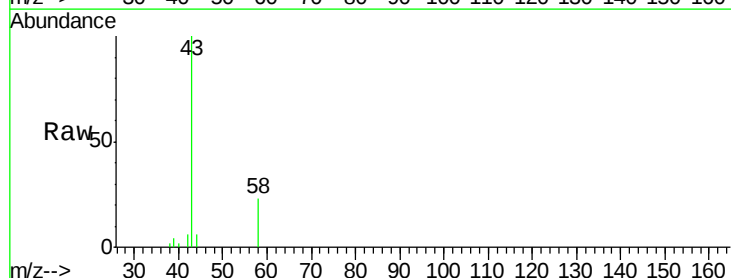
Acq: 29 Mar 2019 20:33

Tgt Ion: 43 Resp: 47714

Ion Ratio Lower Upper

43 100

58 22.6 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

15000

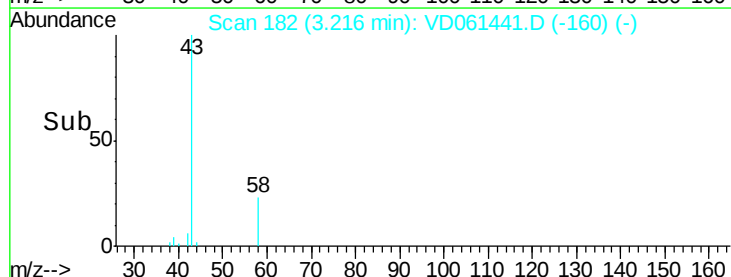
10000

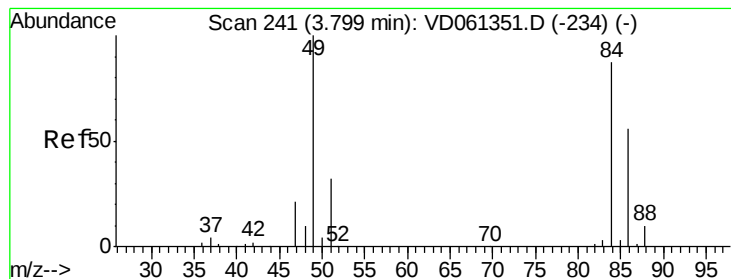
5000

0

Time-->

3.10 3.20 3.30 3.40





#20

Methylene Chloride

Concen: 11.012 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061441.D

Acq: 29 Mar 2019 20:33

Instrument :

MSVOA_D

ClientSampleId :

NJ-WATER

Tot Ion: 84 Resp: 75790

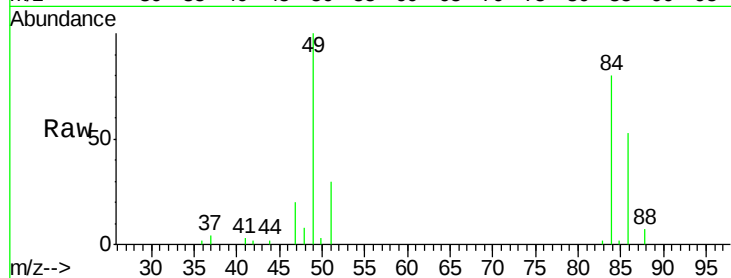
Ion Ratio Lower Upper

84 100

49 125.1 91.8 137.8

51 37.7 29.8 44.8

86 66.6 51.8 77.6

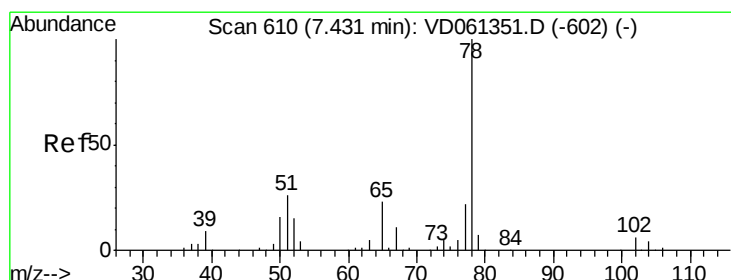
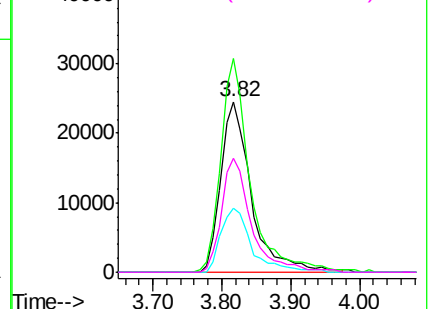
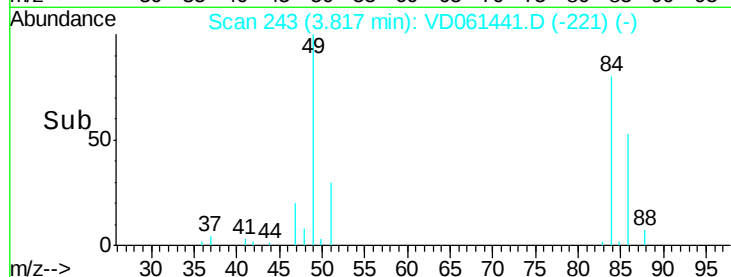


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061441.D

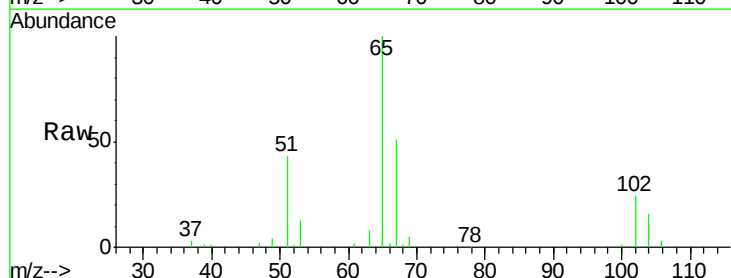
Acq: 29 Mar 2019 20:33

Tgt Ion: 65 Resp: 173791

Ion Ratio Lower Upper

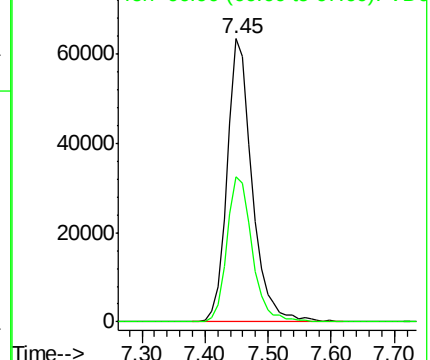
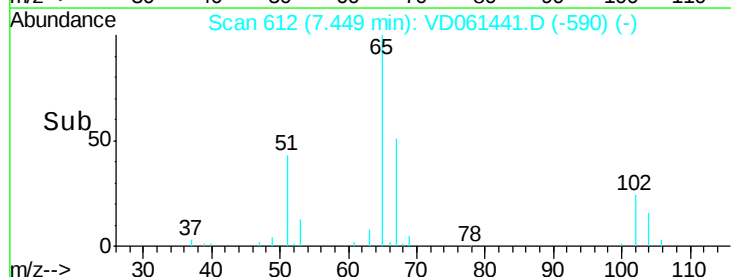
65 100

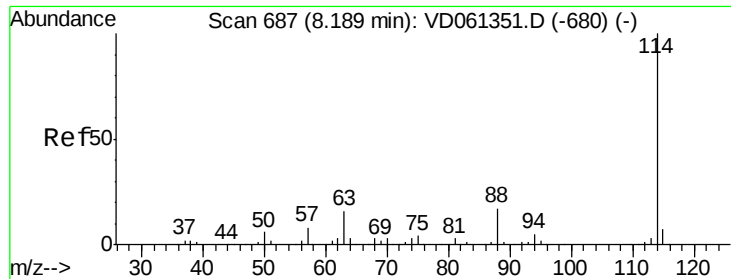
67 51.4 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

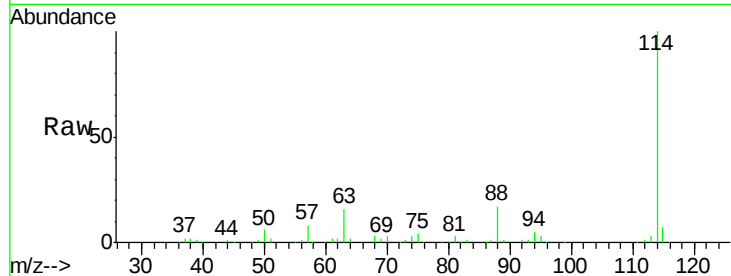




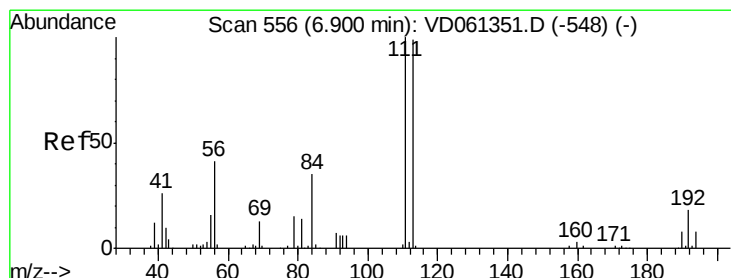
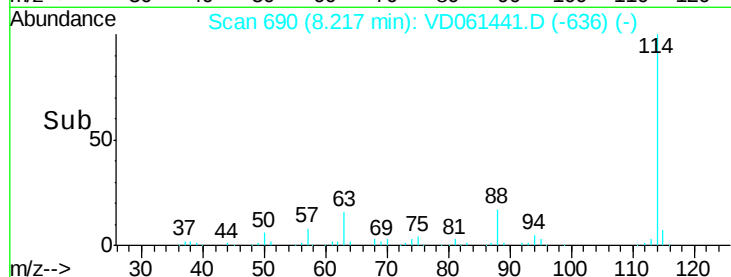
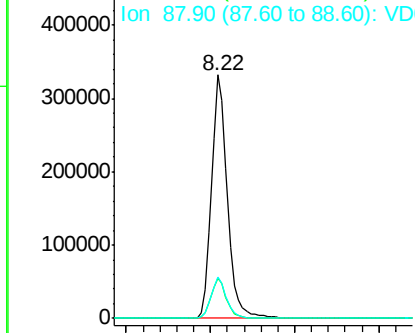
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061441.D
 Acq: 29 Mar 2019 20:33

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-WATER

Tot Ion:114 Resp: 868006
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.6
 88 16.9 0.0 33.4

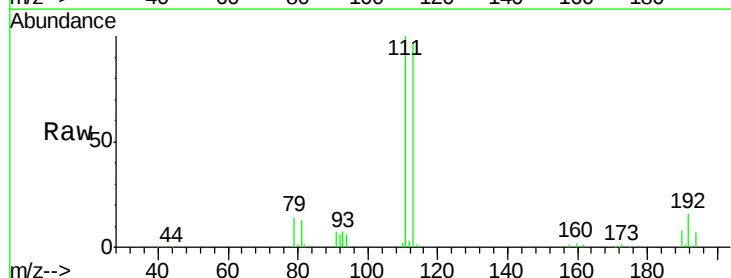


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

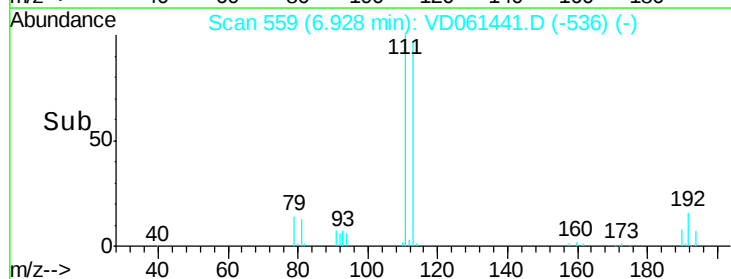
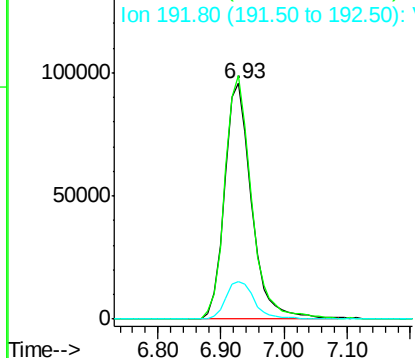


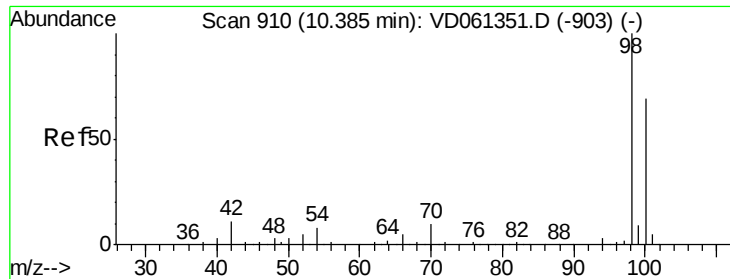
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD061441.D
 Acq: 29 Mar 2019 20:33

Tgt Ion:113 Resp: 283623
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.6
 192 16.0 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.03 min

Lab File: VD061441.D

Acq: 29 Mar 2019 20:33

Instrument :

MSVOA_D

ClientSampleId :

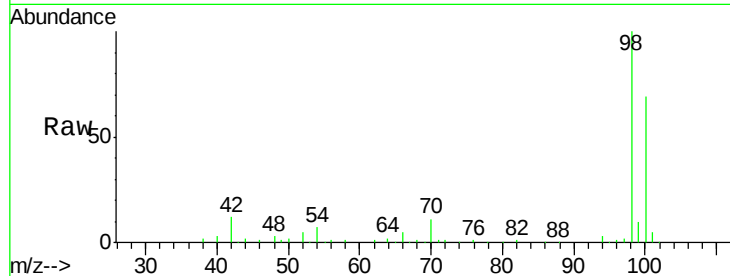
NJ-WATER

Tot Ion: 98 Resp: 624294

Ion Ratio Lower Upper

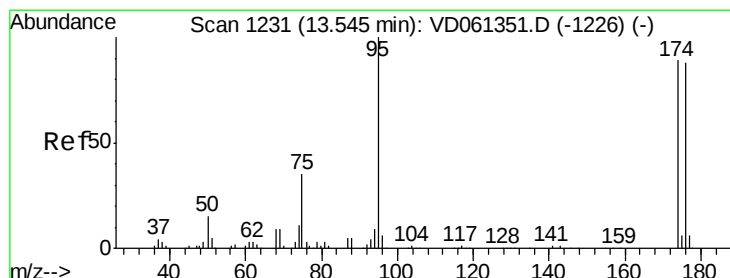
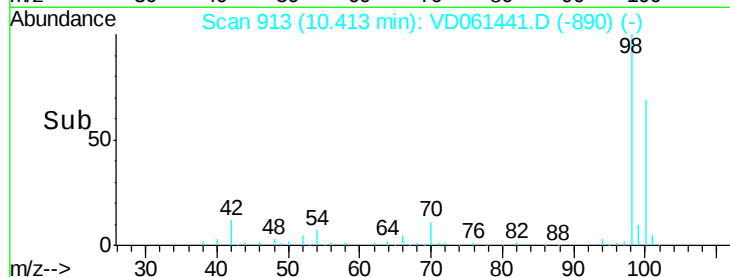
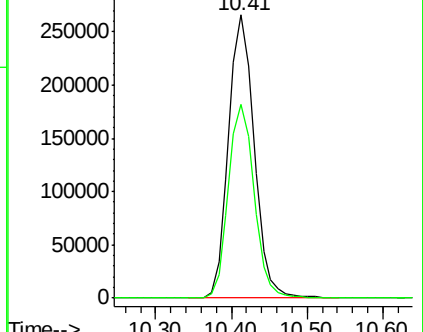
98 100

100 68.5 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD061441.D

Acq: 29 Mar 2019 20:33

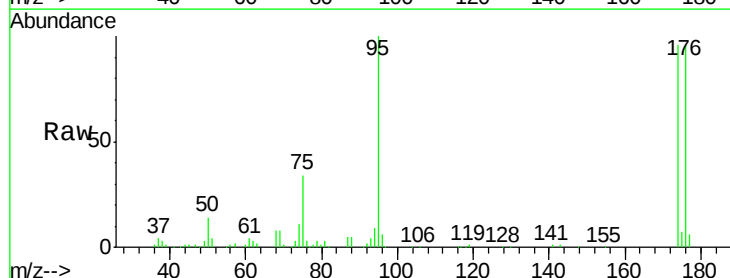
Tgt Ion: 95 Resp: 217808

Ion Ratio Lower Upper

95 100

174 96.3 0.0 178.0

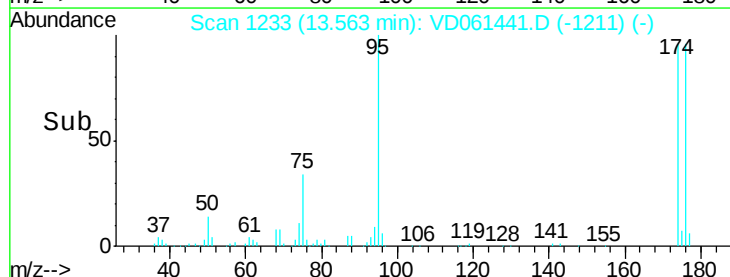
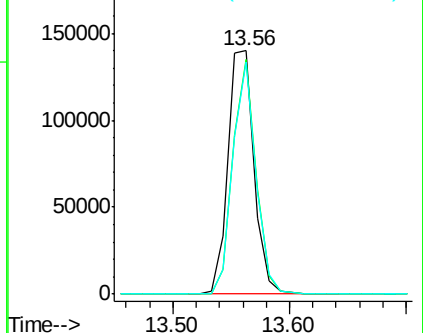
176 95.5 0.0 175.0

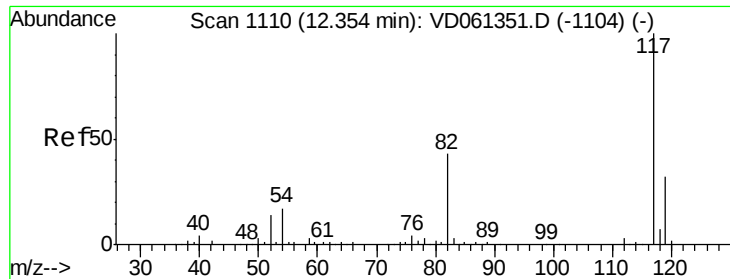


Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

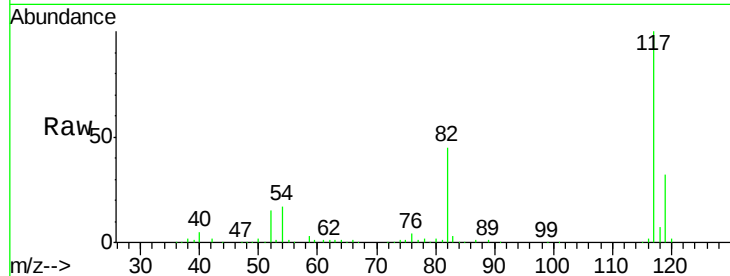




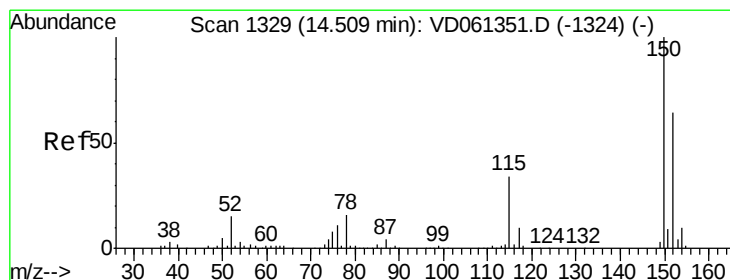
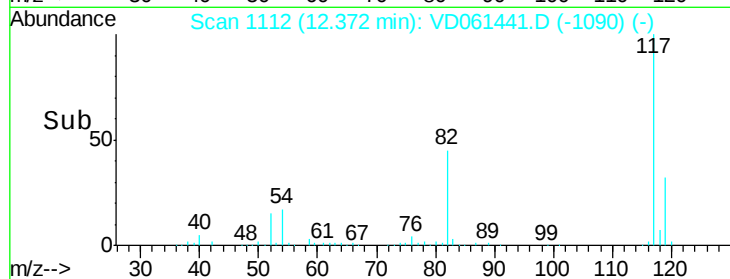
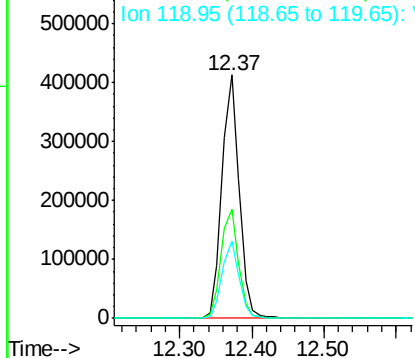
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.02 min
 Lab File: VD061441.D
 Acq: 29 Mar 2019 20:33

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-WATER

Tot Ion:117 Resp: 678589
 Ion Ratio Lower Upper
 117 100
 82 44.8 34.4 51.6
 119 31.6 25.8 38.6

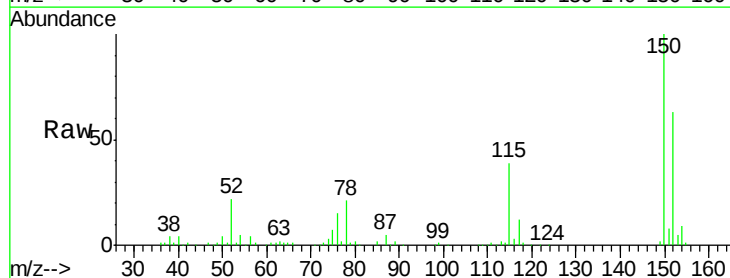


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061441.D
 Acq: 29 Mar 2019 20:33

Tgt Ion:152 Resp: 250227
 Ion Ratio Lower Upper
 152 100
 115 61.6 26.9 80.6
 150 157.8 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

