

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053989.D
 Acq On : 28 Feb 2019 00:38
 Operator : JC/SP
 Sample : K1650-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-1

Quant Time: Feb 28 08:05:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

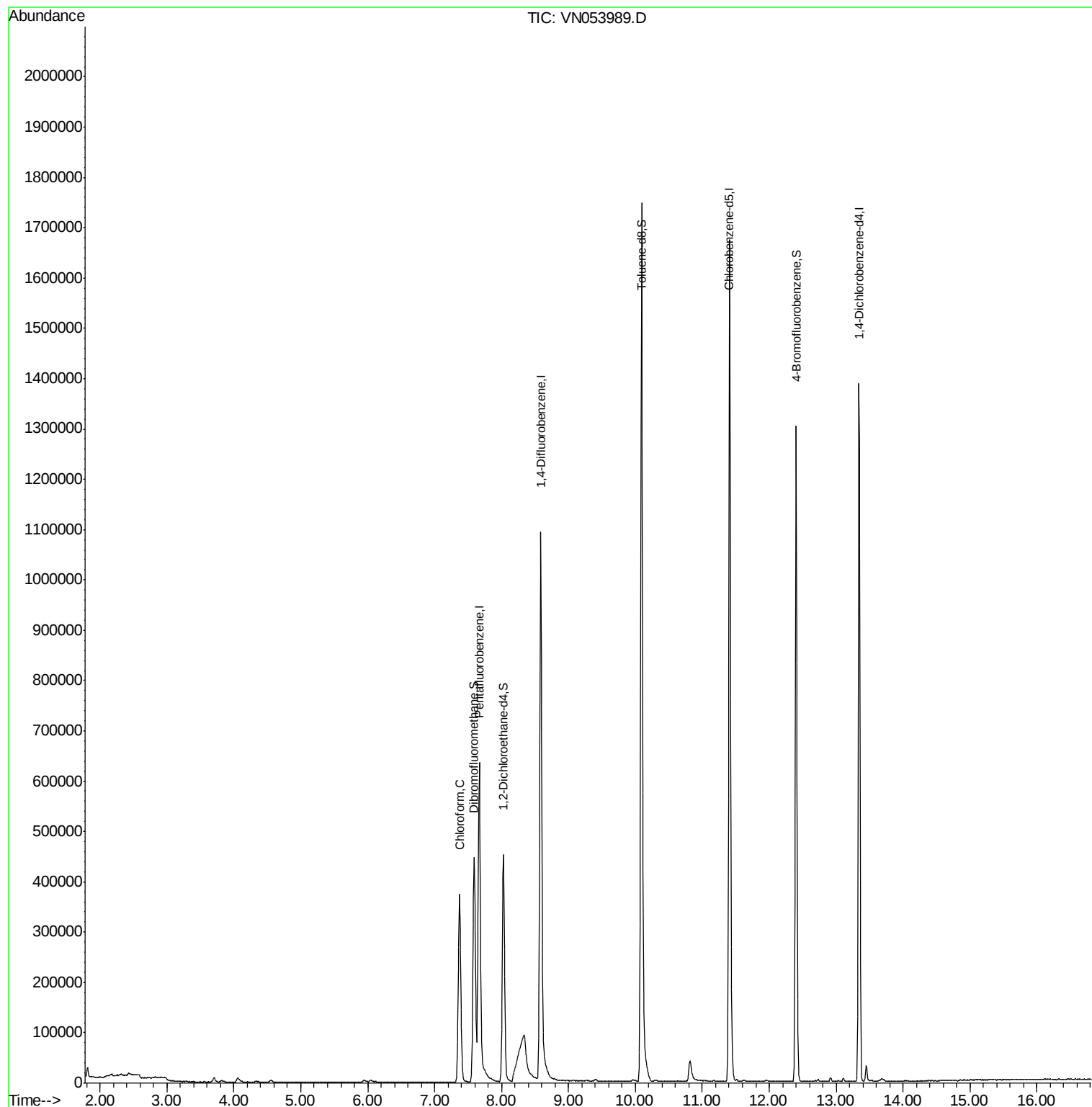
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	567028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1092609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1051089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	392216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	386028	58.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.16%	
35) Dibromofluoromethane	7.59	113	352319	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.09	98	1359650	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.40	95	461194	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
Target Compounds						
30) Chloroform	7.37	83	408608	36.281	ug/l	Qvalue 98

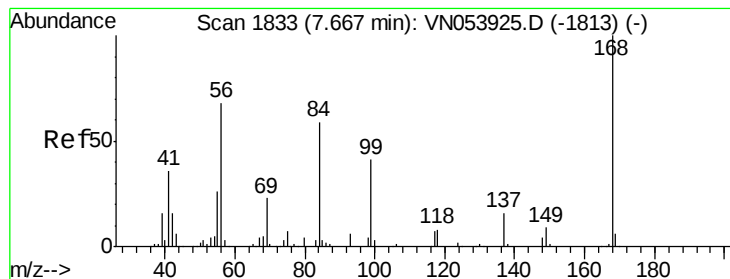
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 28 04:05:45 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053989.D

Acq: 28 Feb 2019 00:38

Instrument :

MSVOA_N

ClientSampled :

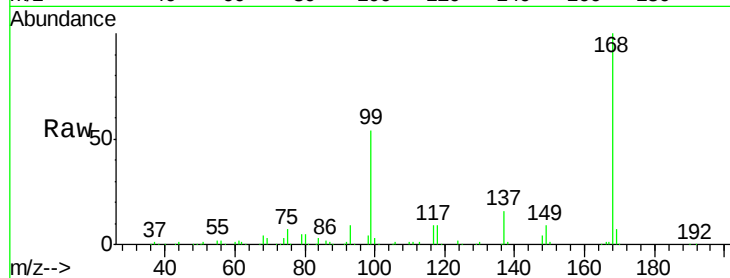
TWP-1

Tot Ion:168 Resp: 567028

Ion Ratio Lower Upper

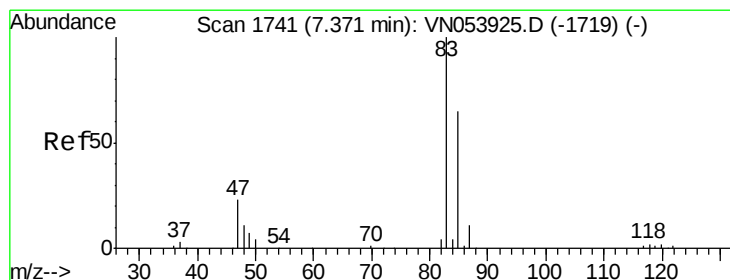
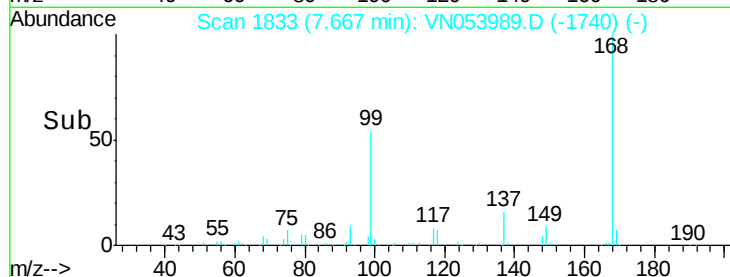
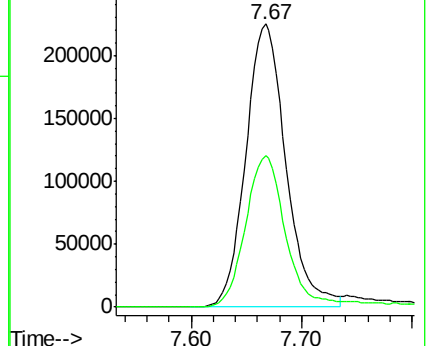
168 100

99 53.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#30

Chloroform

Concen: 36.281 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN053989.D

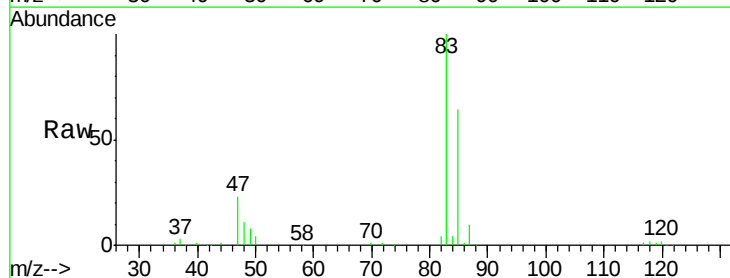
Acq: 28 Feb 2019 00:38

Tgt Ion: 83 Resp: 408608

Ion Ratio Lower Upper

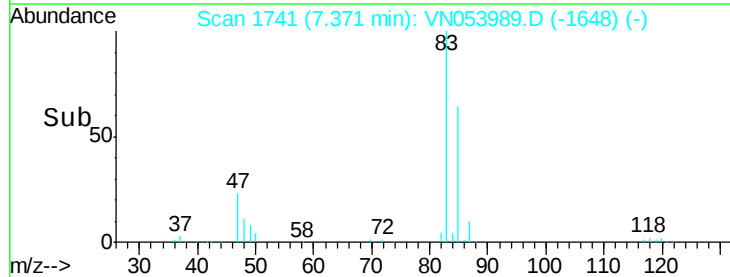
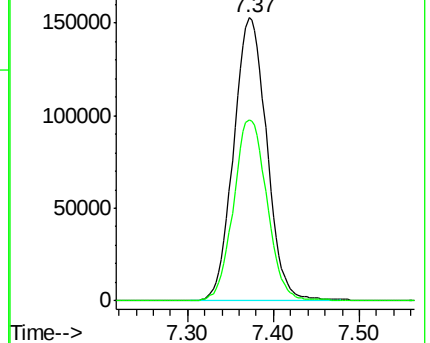
83 100

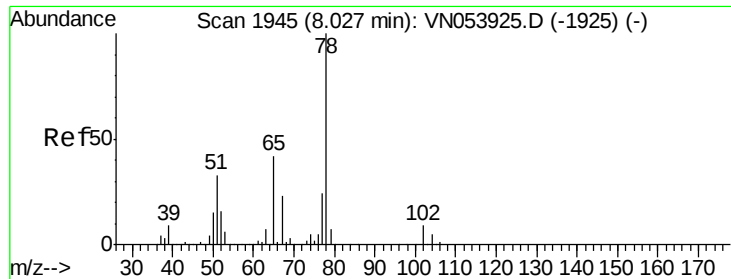
85 64.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

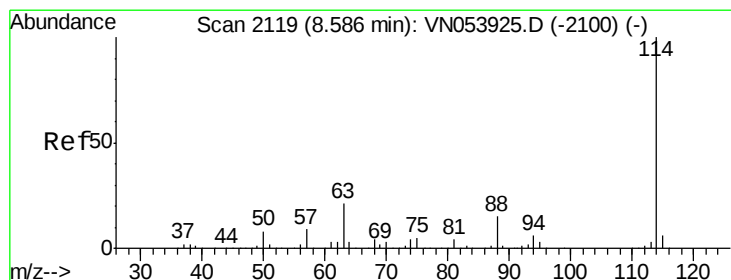
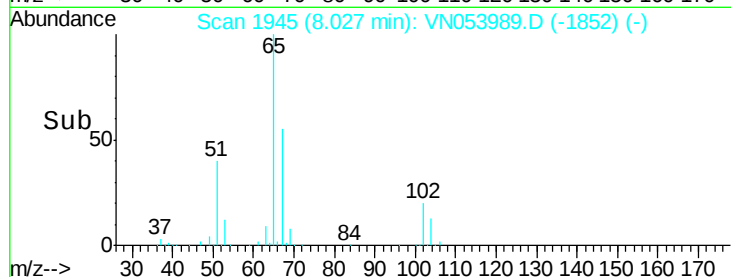
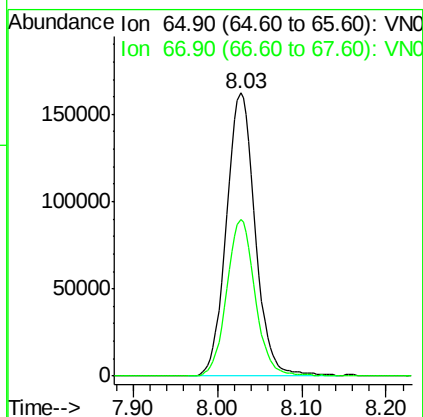
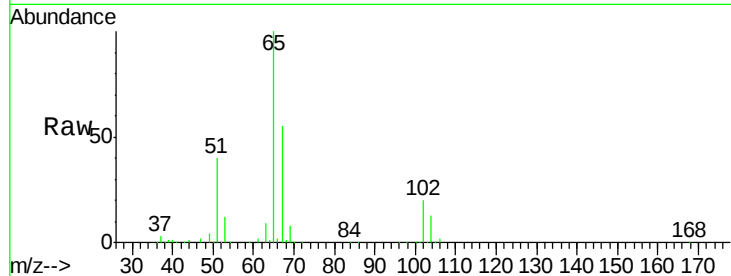




#33
 1,2-Dichloroethane-d4
 Concen: 58.077 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053989.D
 Acq: 28 Feb 2019 00:38

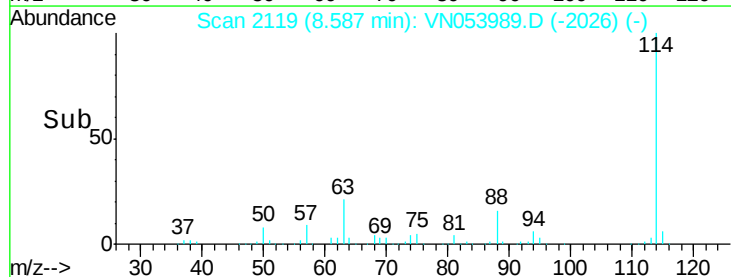
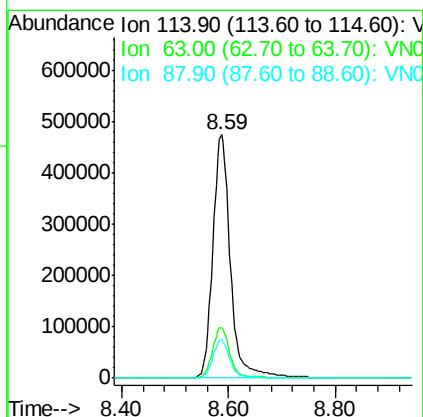
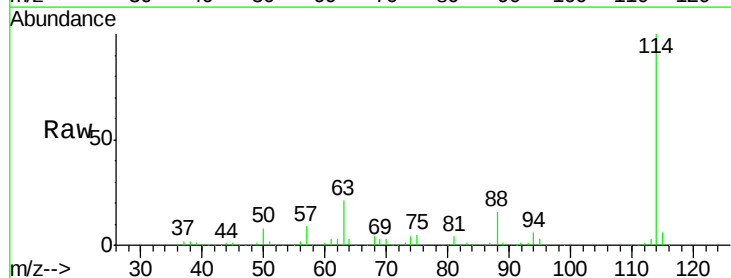
Instrument :
 MSVOA_N
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 TWP-1

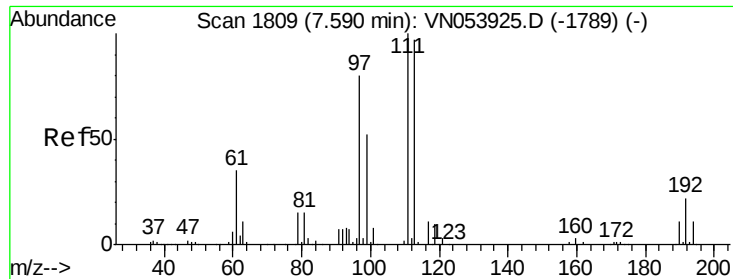
Tot Ion: 65 Resp: 386028
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053989.D
 Acq: 28 Feb 2019 00:38

Tgt Ion: 114 Resp: 1092609
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.4
 88 15.7 0.0 30.4

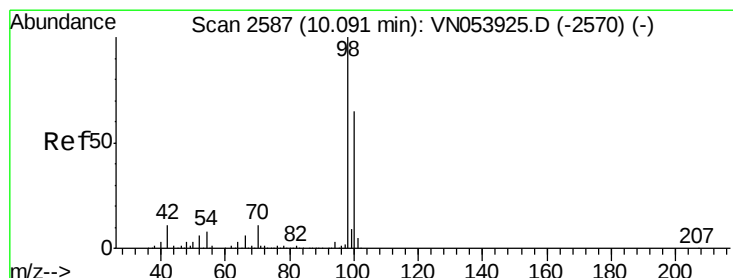
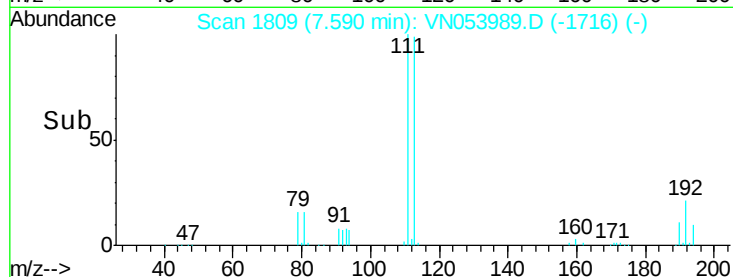
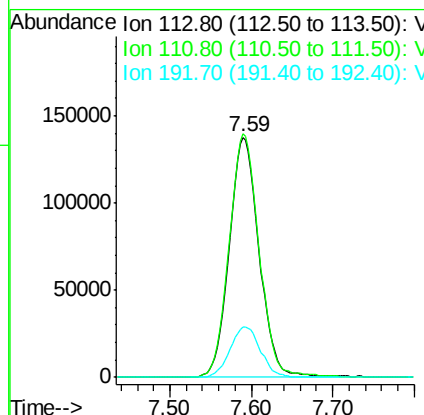
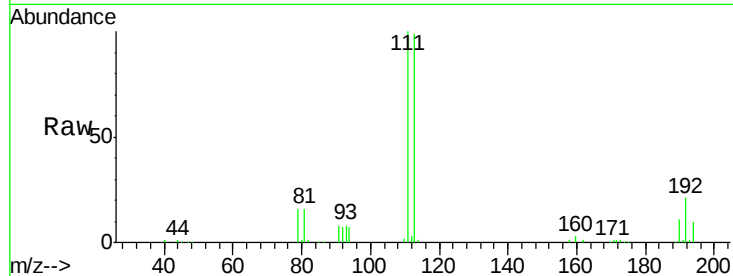




#35
 Dibromofluoromethane
 Concen: 49.865 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053989.D
 Acq: 28 Feb 2019 00:38

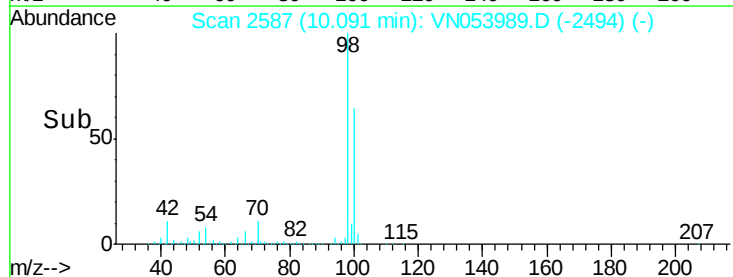
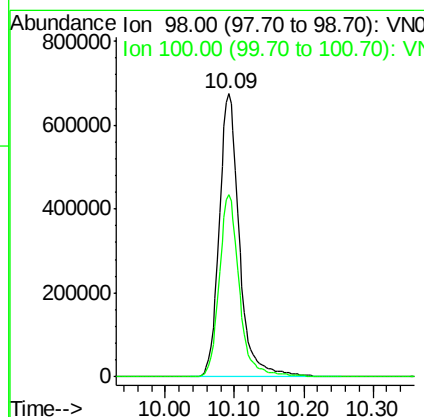
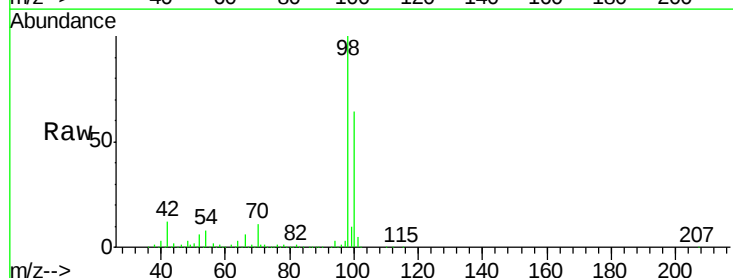
Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-1

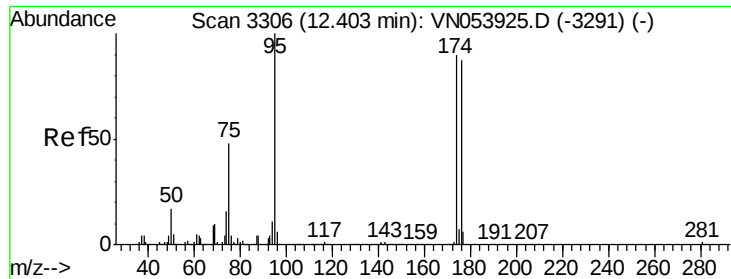
Tot Ion:113 Resp: 352319
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 21.3 18.8 28.2



#50
 Toluene-d8
 Concen: 51.695 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053989.D
 Acq: 28 Feb 2019 00:38

Tgt Ion: 98 Resp: 1359650
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 52.630 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053989.D

Acq: 28 Feb 2019 00:38

Instrument :

MSVOA_N

ClientSampleId :

TWP-1

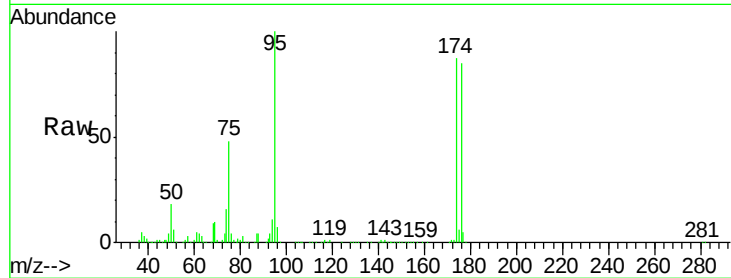
Tot Ion: 95 Resp: 461194

Ion Ratio Lower Upper

95 100

174 86.5 0.0 188.8

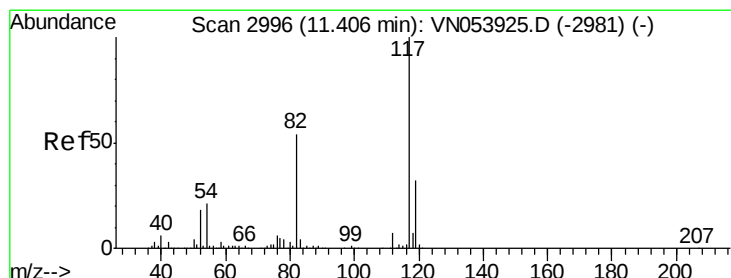
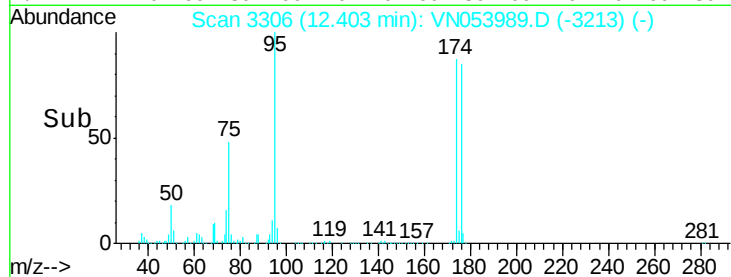
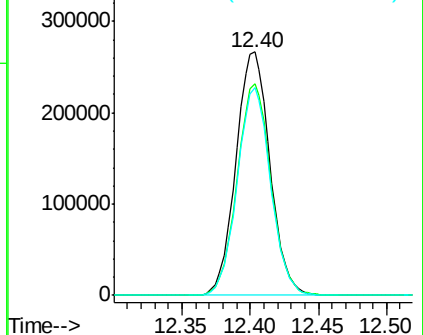
176 83.8 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053989.D

Acq: 28 Feb 2019 00:38

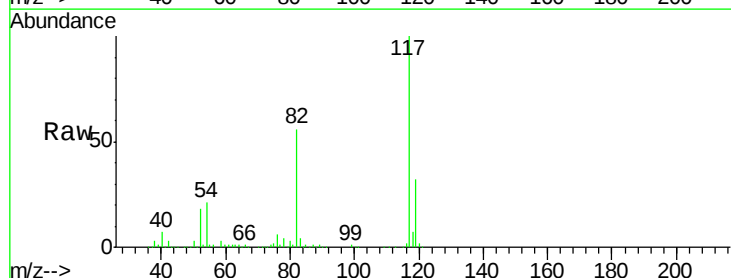
Tgt Ion: 117 Resp: 1051089

Ion Ratio Lower Upper

117 100

82 56.2 41.4 62.2

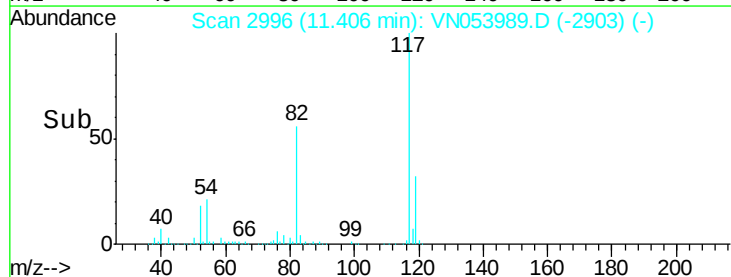
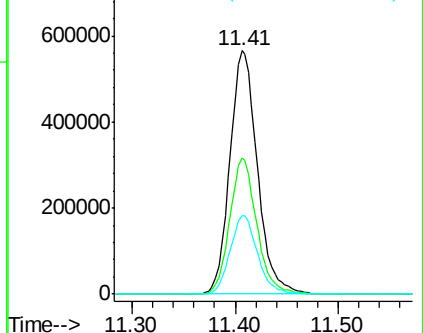
119 32.3 25.3 37.9

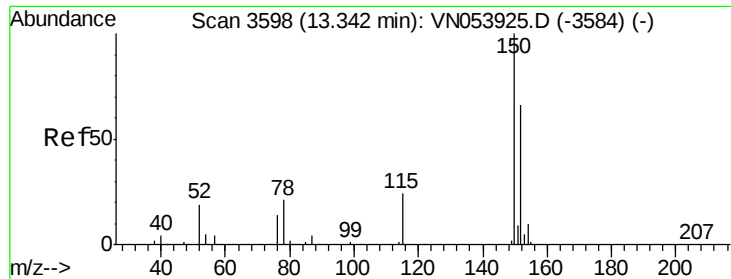


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053989.D

Acq: 28 Feb 2019 00:38

Instrument :

MSVOA_N

ClientSampleId :

TWP-1

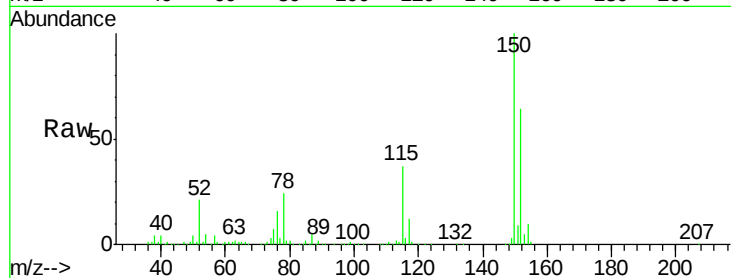
Tot Ion:152 Resp: 392216

Ion Ratio Lower Upper

152 100

115 57.3 27.2 81.6

150 156.8 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

