

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053709.D
 Acq On : 11 Feb 2019 17:13
 Operator : JC/SP
 Sample : K1453-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-8-D

Quant Time: Feb 11 23:08:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

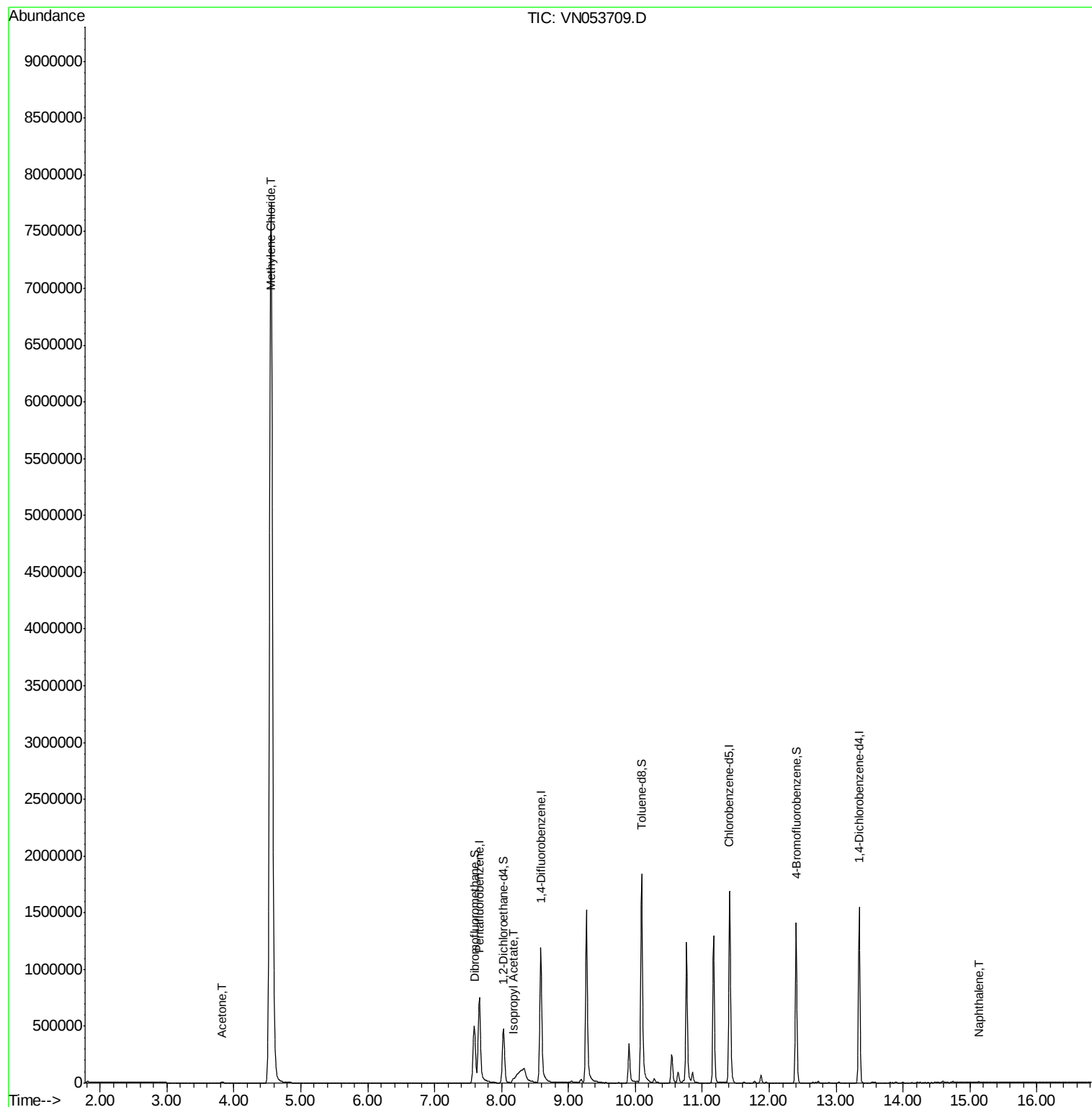
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	776277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1258145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1134858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	449952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	406713	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	7.59	113	395683	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	10.09	98	1515578	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	487810	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
Target Compounds						
16) Acetone	3.82	43	14068	7.043	ug/l	92
20) Methylene Chloride	4.55	84	6341943	756.755	ug/l	99
43) Isopropyl Acetate	8.17	43	31520	2.577	ug/l #	84
95) Naphthalene	15.13	128	6343	2.046	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053709.D

Acq: 11 Feb 2019 17:13

Instrument :

MSVOA_N

ClientSampled :

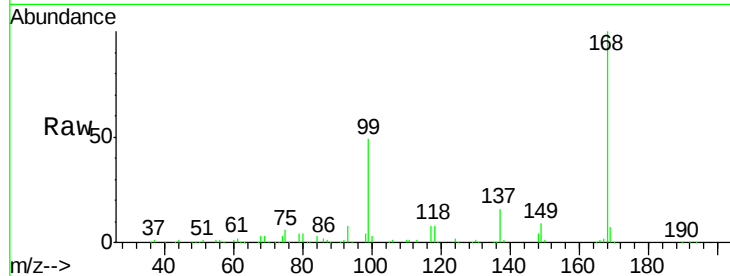
M-8-D

Tot Ion:168 Resp: 776277

Ion Ratio Lower Upper

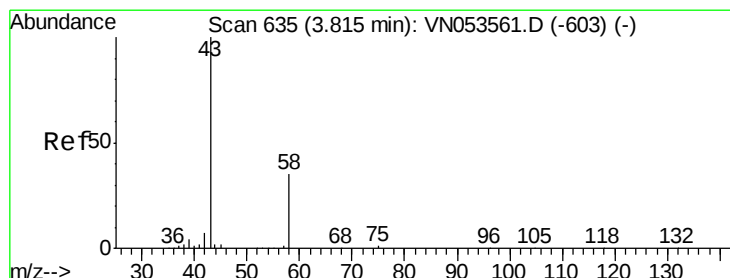
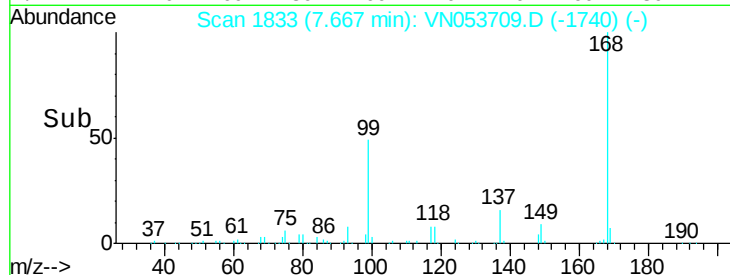
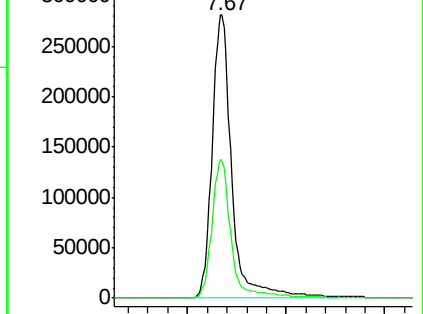
168 100

99 49.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.043 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053709.D

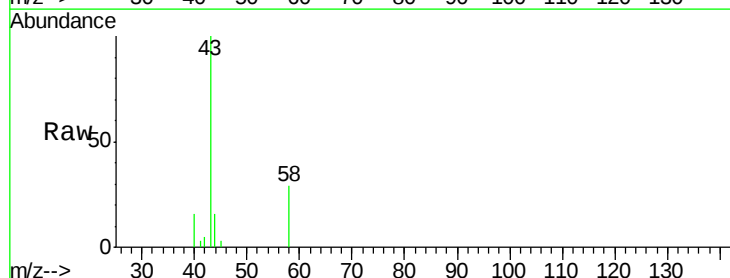
Acq: 11 Feb 2019 17:13

Tgt Ion: 43 Resp: 14068

Ion Ratio Lower Upper

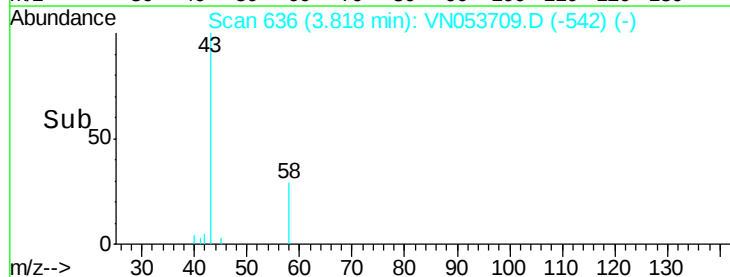
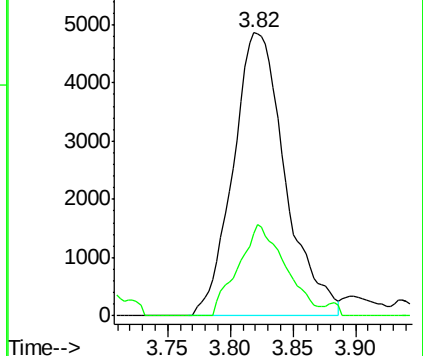
43 100

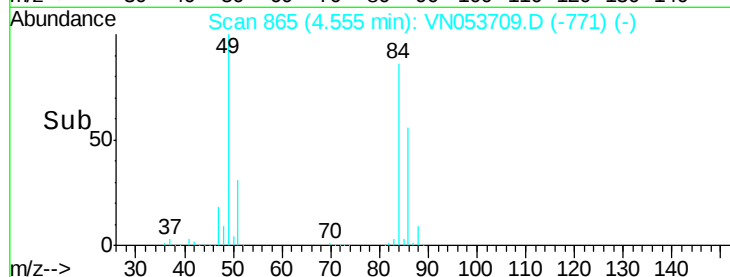
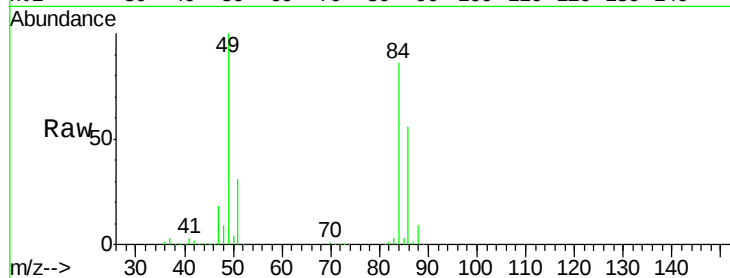
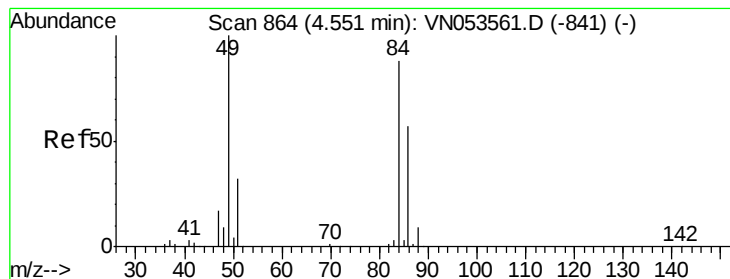
58 29.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 756.755 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053709.D

Acq: 11 Feb 2019 17:13

Instrument :

MSVOA_N

ClientSampleId :

M-8-D

Tot Ion: 84 Resp: 6341943

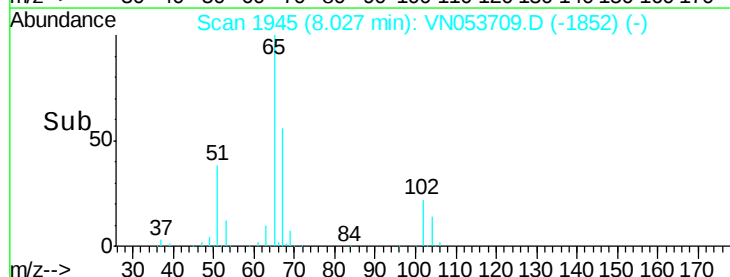
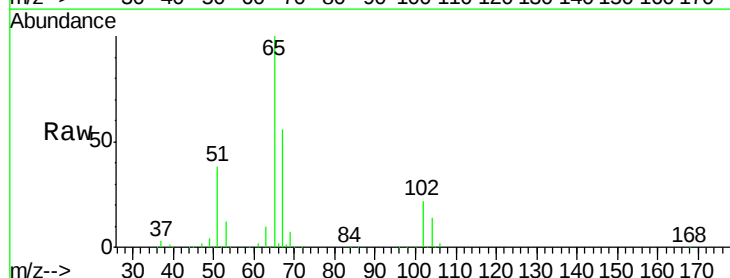
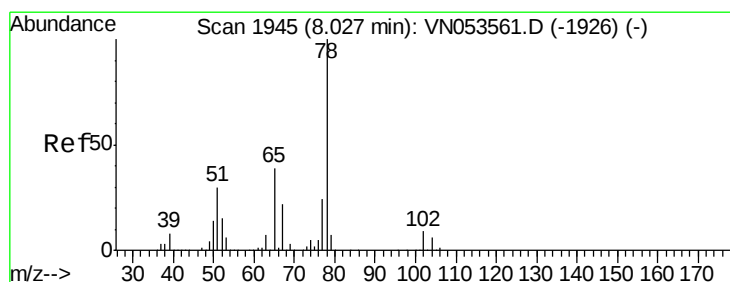
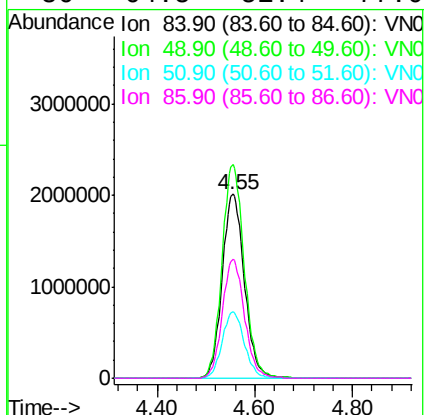
Ion Ratio Lower Upper

84 100

49 116.1 94.3 141.5

51 36.1 29.4 44.2

86 64.5 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: 52.226 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053709.D

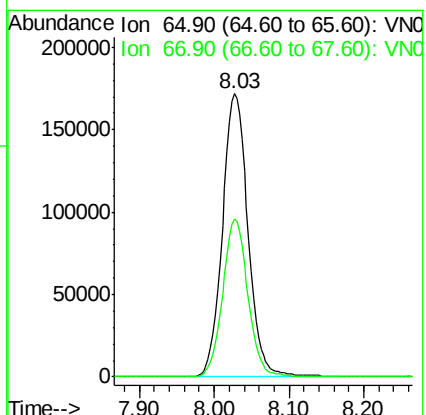
Acq: 11 Feb 2019 17:13

Tgt Ion: 65 Resp: 406713

Ion Ratio Lower Upper

65 100

67 54.7 0.0 111.2

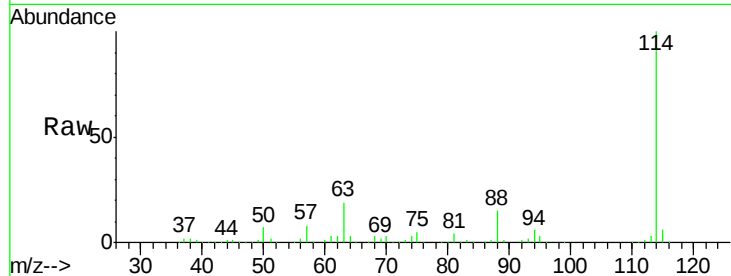




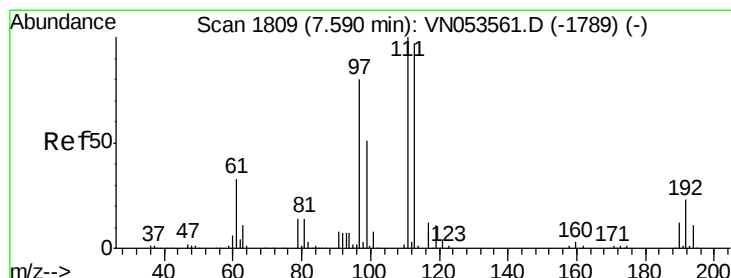
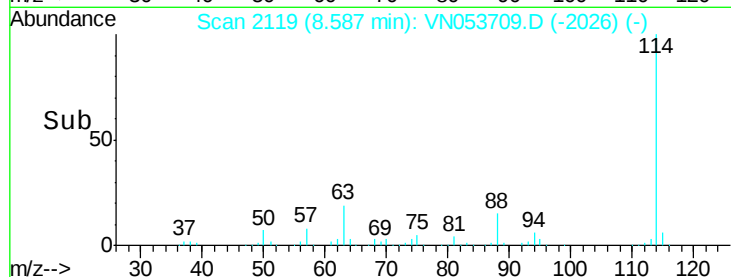
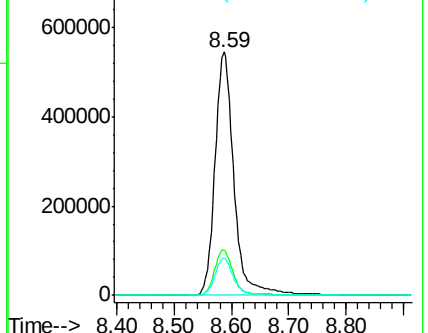
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053709.D
Acq: 11 Feb 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :
M-8-D

Tot Ion:114 Resp: 1258145
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.6
88 15.4 0.0 30.4

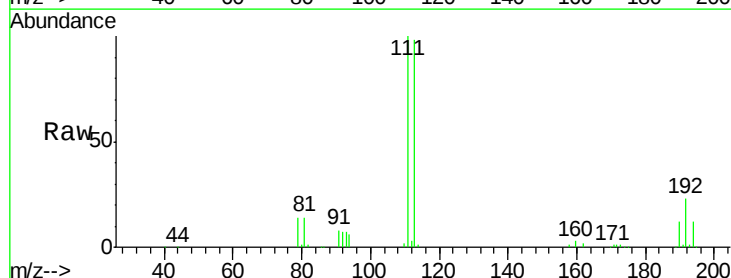


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

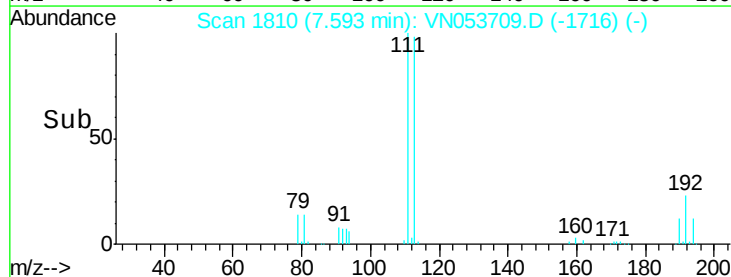
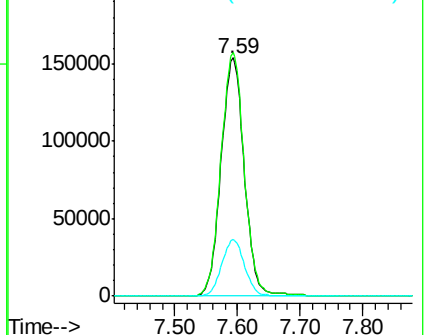


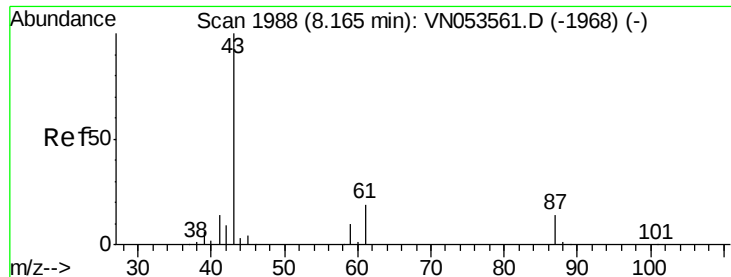
#35
Dibromofluoromethane
Concen: 49.772 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053709.D
Acq: 11 Feb 2019 17:13

Tgt Ion:113 Resp: 395683
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 23.5 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.577 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053709.D

Acq: 11 Feb 2019 17:13

Instrument :

MSVOA_N

ClientSampleId :

M-8-D

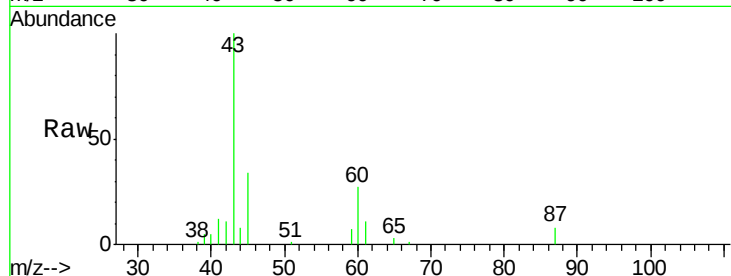
Tot Ion: 43 Resp: 31520

Ion Ratio Lower Upper

43 100

61 18.9 23.9 35.9#

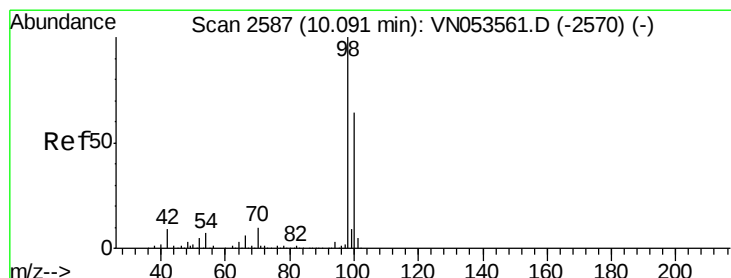
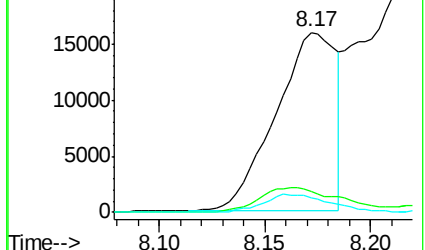
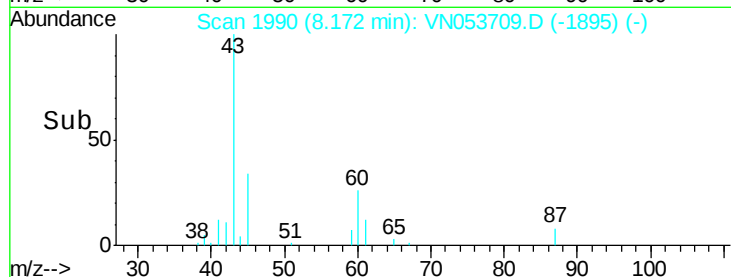
87 11.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053709.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN053709.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN053709.D (-1895) (-)



#50

Toluene-d8

Concen: 50.773 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053709.D

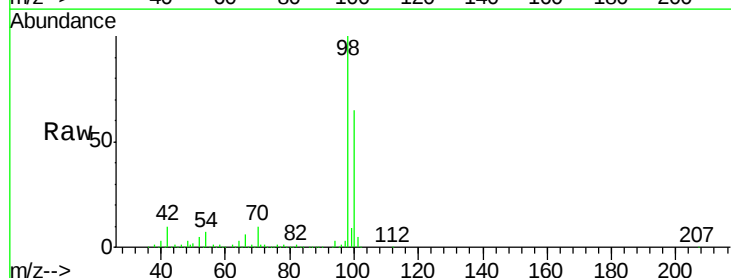
Acq: 11 Feb 2019 17:13

Tgt Ion: 98 Resp: 1515578

Ion Ratio Lower Upper

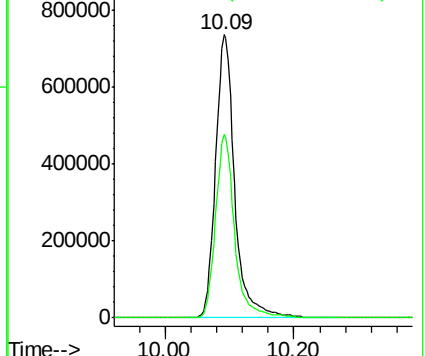
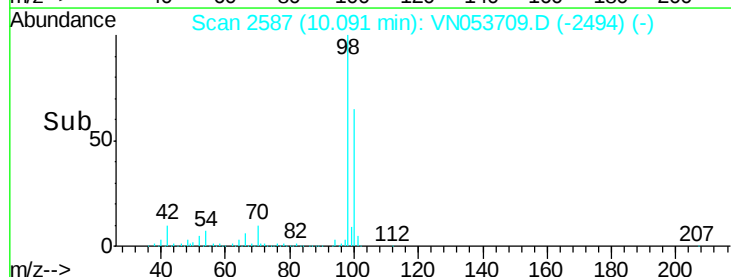
98 100

100 64.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053709.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053709.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 48.999 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053709.D

Acq: 11 Feb 2019 17:13

Instrument :

MSVOA_N

ClientSampled :

M-8-D

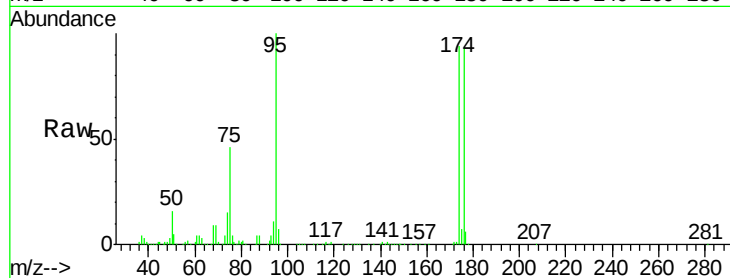
Tot Ion: 95 Resp: 487810

Ion Ratio Lower Upper

95 100

174 93.1 0.0 183.2

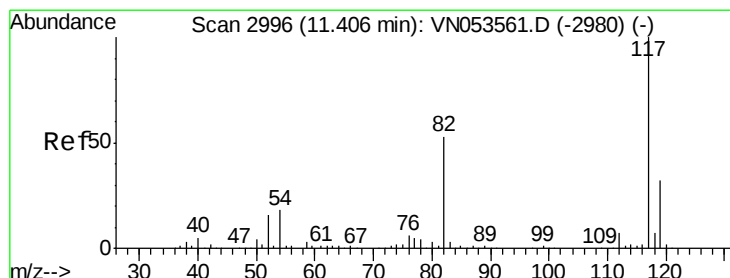
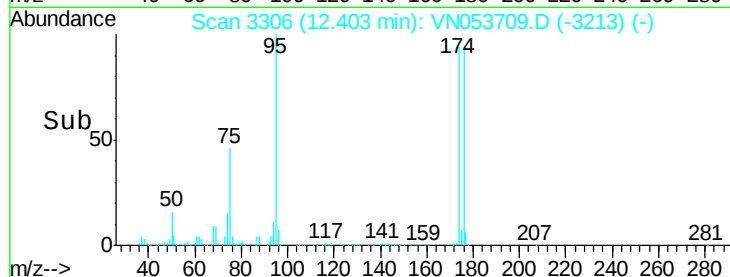
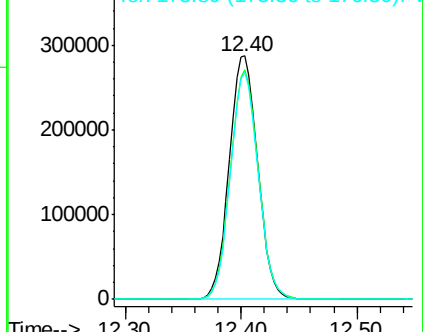
176 91.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053709.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN053709.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN053709.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053709.D

Acq: 11 Feb 2019 17:13

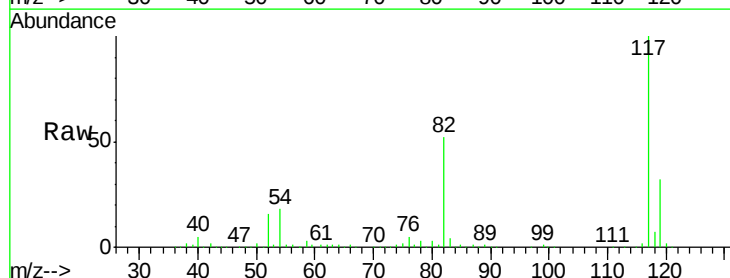
Tgt Ion: 117 Resp: 1134858

Ion Ratio Lower Upper

117 100

82 52.2 42.9 64.3

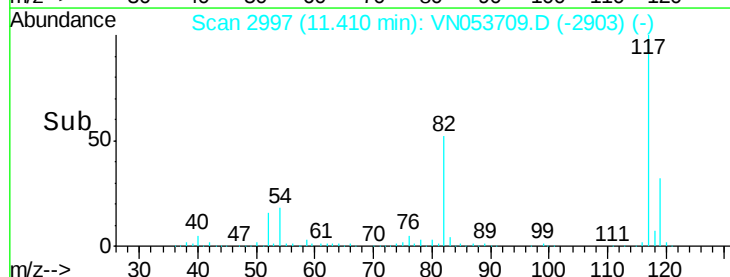
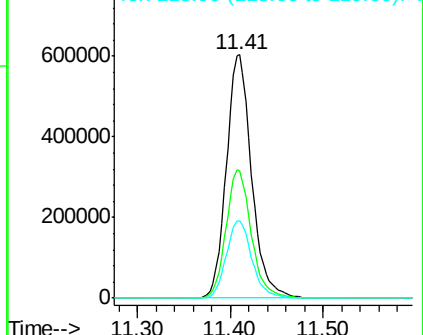
119 31.9 26.0 39.0

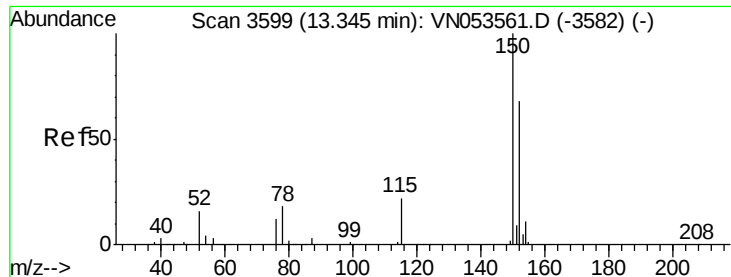


Abundance Ion 116.90 (116.60 to 117.60): VN053709.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053709.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053709.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053709.D

Acq: 11 Feb 2019 17:13

Instrument :

MSVOA_N

ClientSampled :

M-8-D

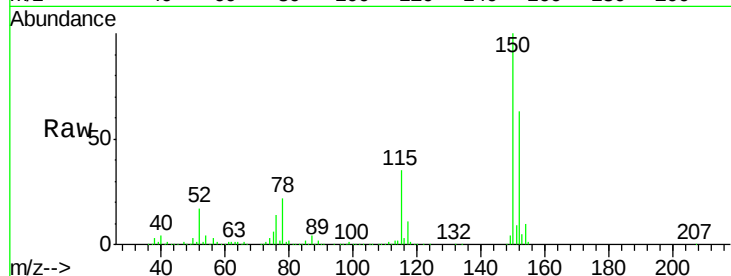
Tot Ion:152 Resp: 449952

Ion Ratio Lower Upper

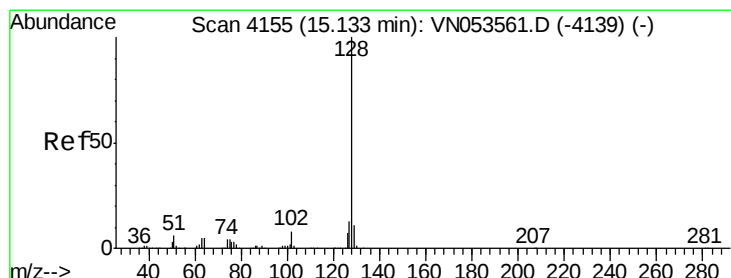
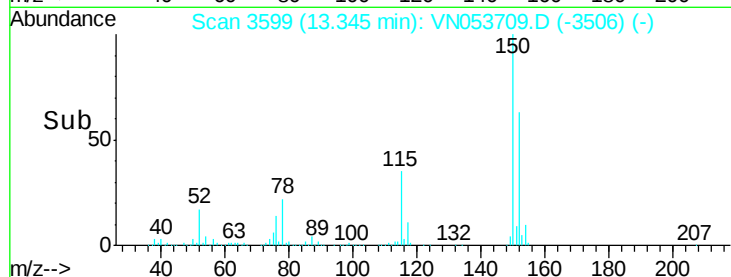
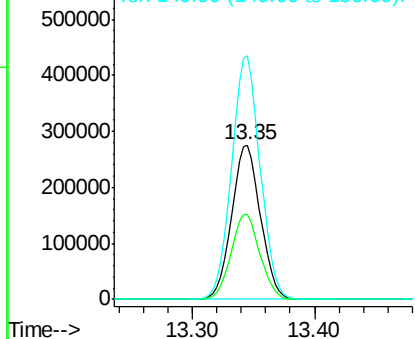
152 100

115 55.4 27.8 83.4

150 157.3 0.0 349.0



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



#95

Naphthalene

Concen: 2.046 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053709.D

Acq: 11 Feb 2019 17:13

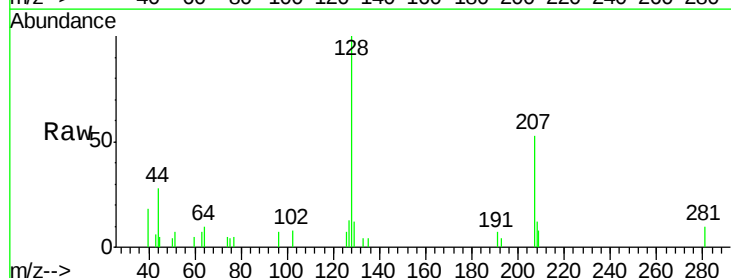
Tgt Ion:128 Resp: 6343

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 9.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

