

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055008.D
 Acq On : 12 Apr 2019 19:19
 Operator : JC/SP
 Sample : K2358-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Apr 13 04:09:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

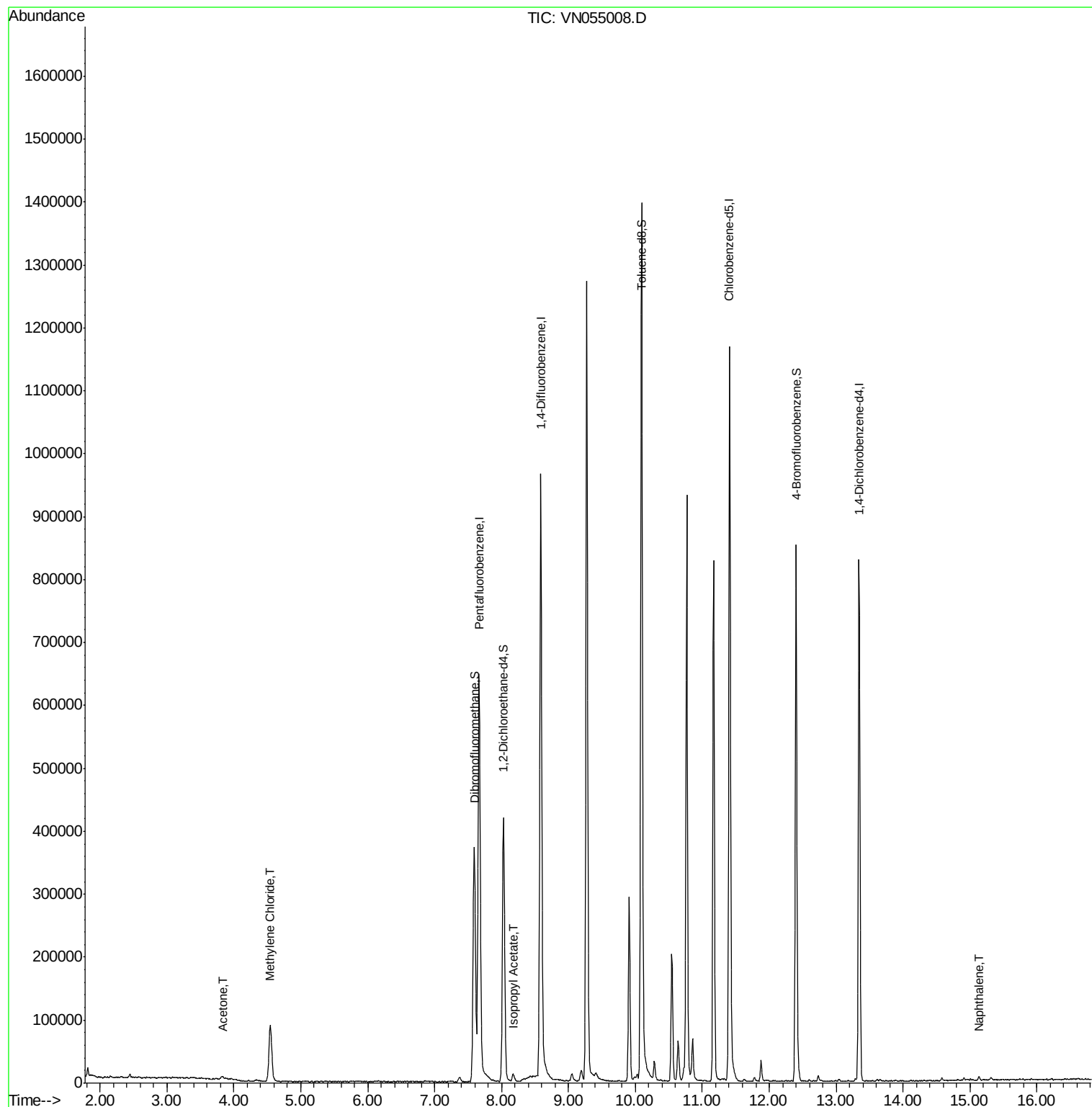
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	550512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	715010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	356362	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	7.59	113	282880	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.09	98	1032860	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	293941	42.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.14%	
Target Compounds						
16) Acetone	3.83	43	8342	4.395	ug/l	91
20) Methylene Chloride	4.55	84	60960	8.644	ug/l	97
43) Isopropyl Acetate	8.17	43	14719	1.400	ug/l	100
95) Naphthalene	15.14	128	4385	5.135	ug/l	95

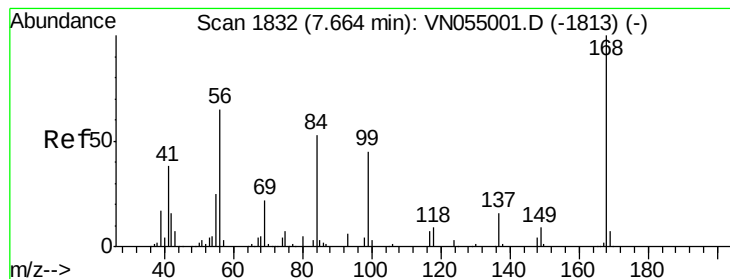
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041319\
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Quant Time: Apr 13 04:09:53 2019
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Quant Title : SW846 8260
QLast Update : Sat Apr 13 03:34:24 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: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampled :

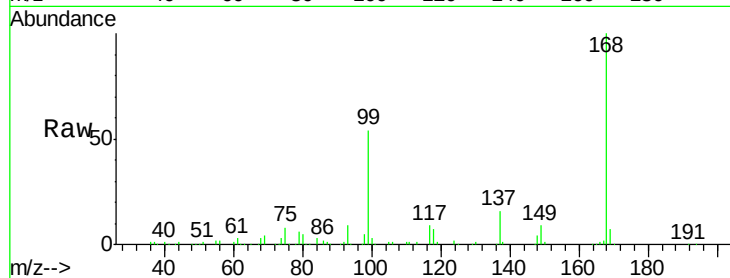
TP-5

Tot Ion:168 Resp: 550512

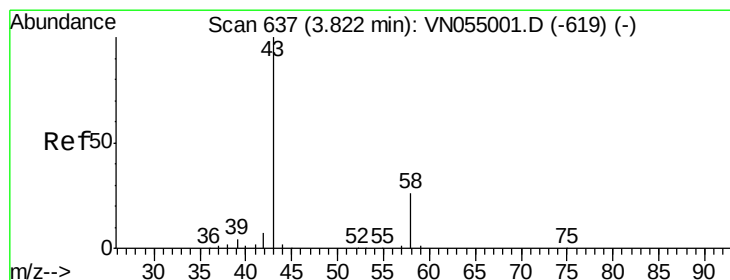
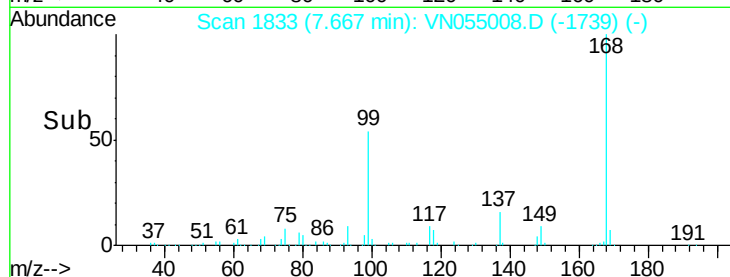
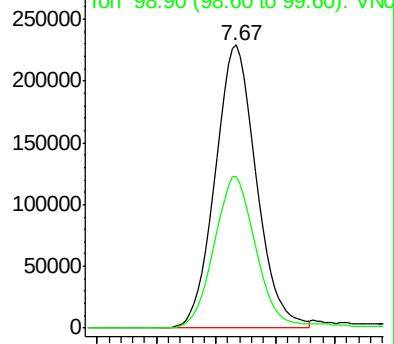
Ion Ratio Lower Upper

168 100

99 53.5 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055008.D (-1739) (-)



#16

Acetone

Concen: 4.395 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055008.D

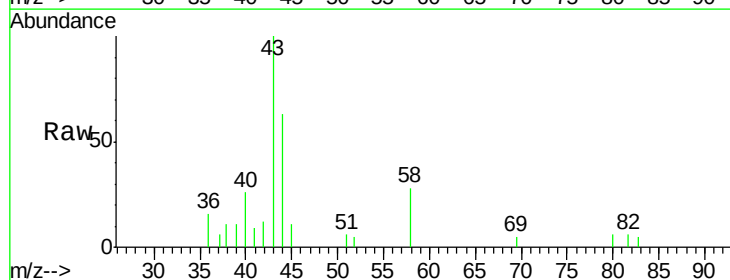
Acq: 12 Apr 2019 19:19

Tgt Ion: 43 Resp: 8342

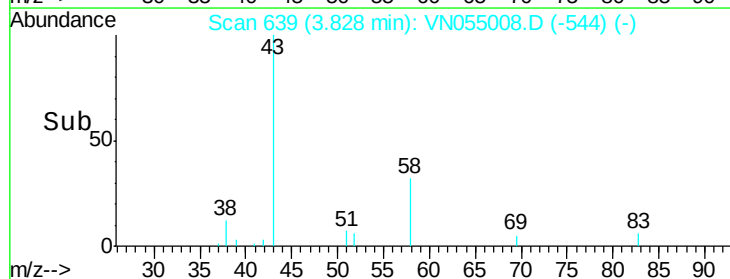
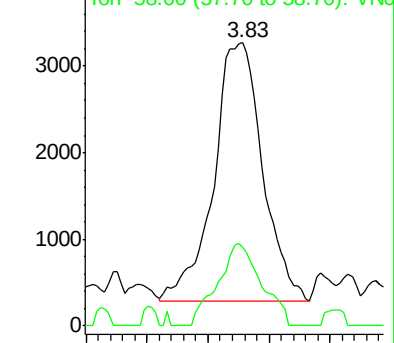
Ion Ratio Lower Upper

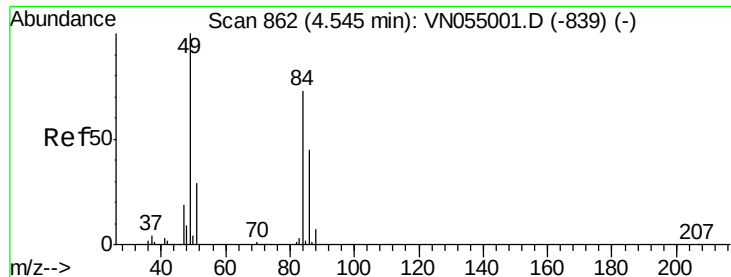
43 100

58 30.5 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN055008.D (-544) (-)

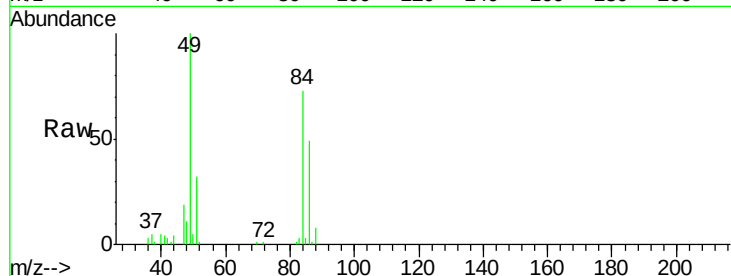




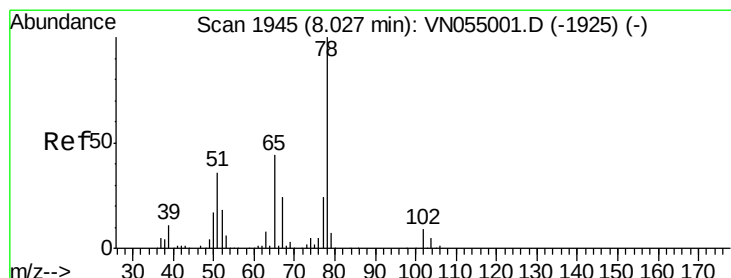
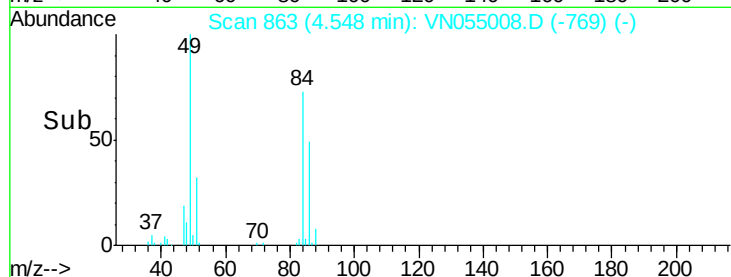
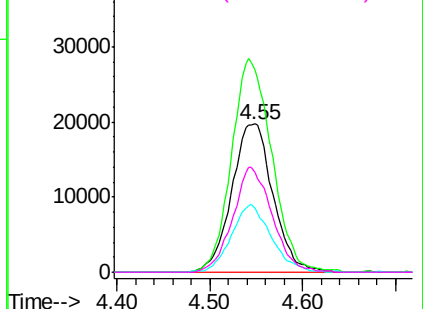
#20
Methylene Chloride
Concen: 8.644 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN055008.D
Acq: 12 Apr 2019 19:19

Instrument :
MSVOA_N
ClientSampled :
TP-5

Tot Ion: 84 Resp: 60960
Ion Ratio Lower Upper
84 100
49 136.4 109.4 164.2
51 43.4 32.2 48.4
86 67.4 49.3 73.9

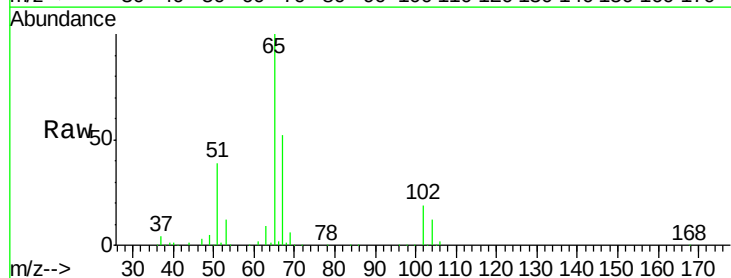


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

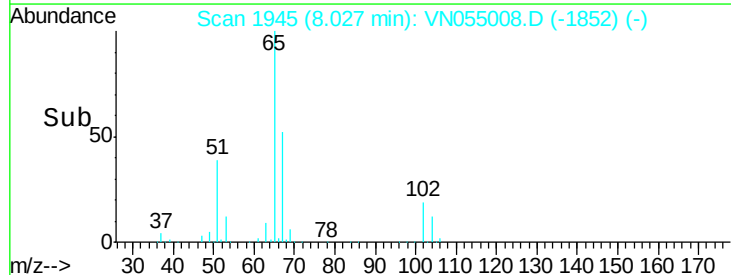
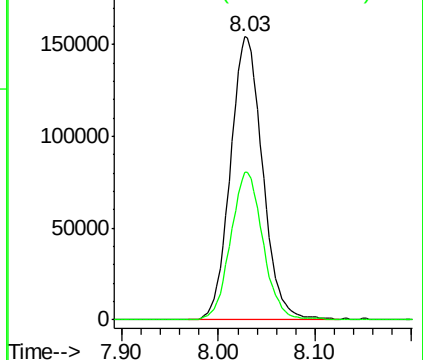


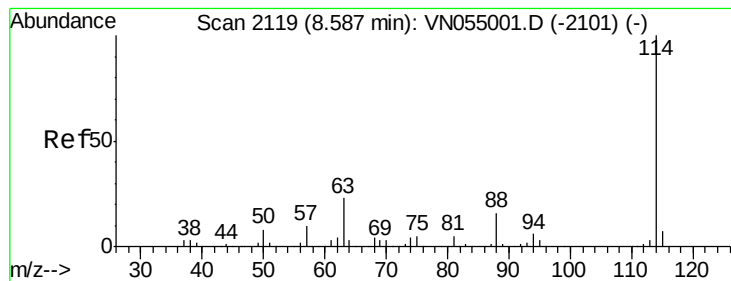
#33
1,2-Dichloroethane-d4
Concen: 51.583 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055008.D
Acq: 12 Apr 2019 19:19

Tgt Ion: 65 Resp: 356362
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampled :

TP-5

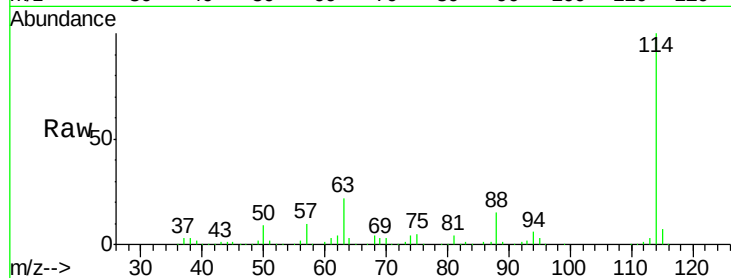
Tot Ion:114 Resp: 885891

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.2

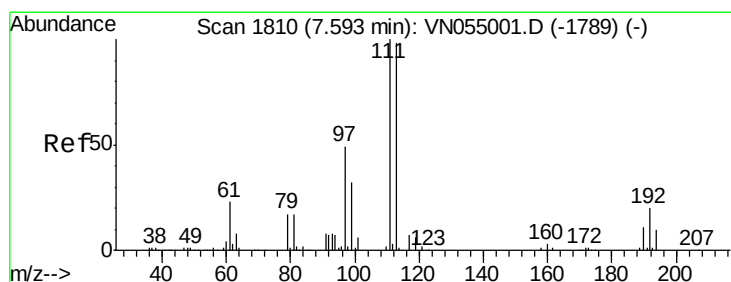
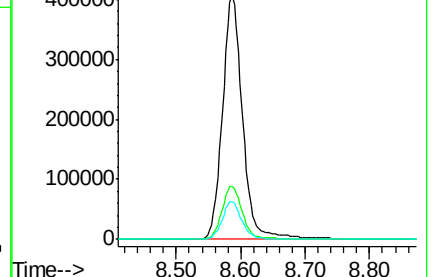
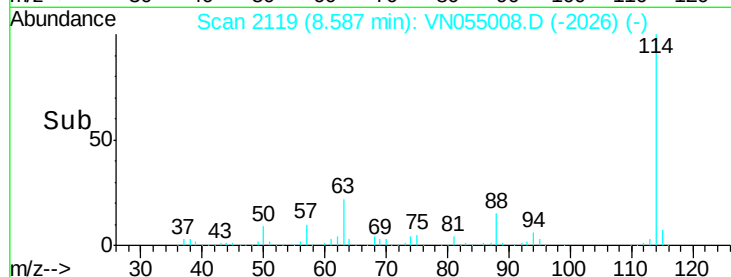
88 15.5 0.0 31.8



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: 50.091 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

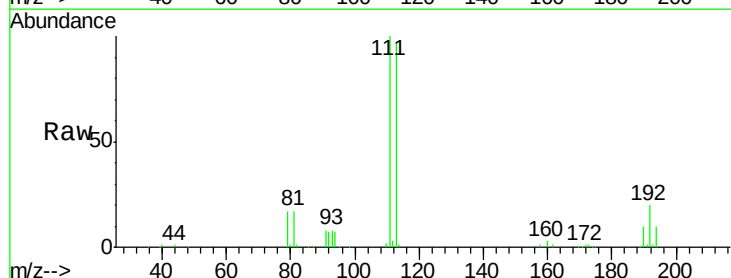
Tgt Ion:113 Resp: 282880

Ion Ratio Lower Upper

113 100

111 103.3 82.1 123.1

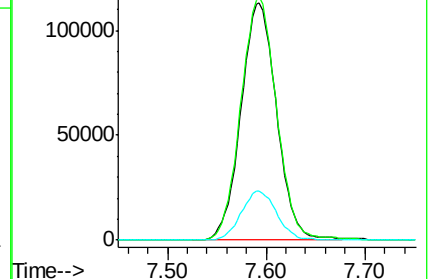
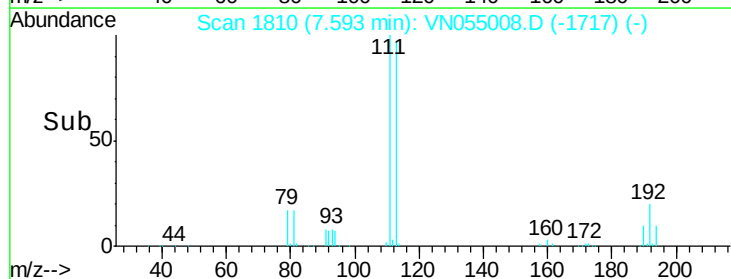
192 20.6 16.5 24.7

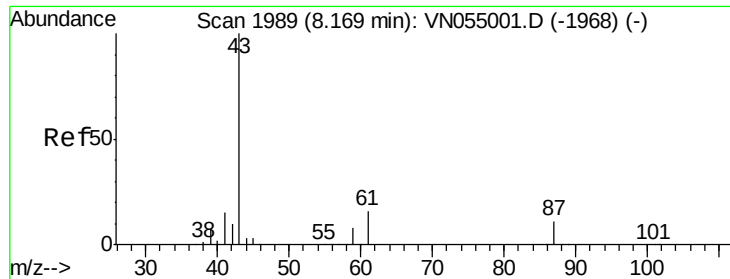


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.400 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampleId :

TP-5

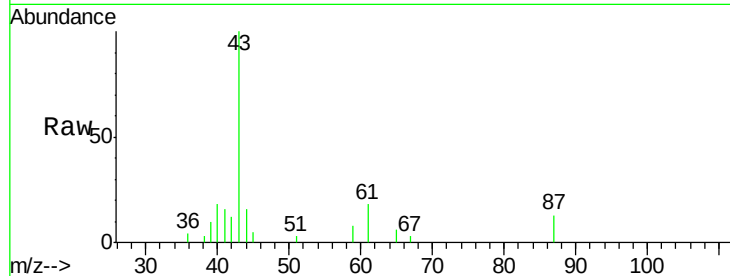
Tot Ion: 43 Resp: 14719

Ion Ratio Lower Upper

43 100

61 17.7 14.3 21.5

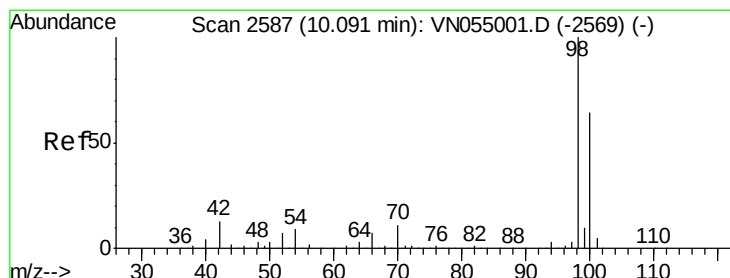
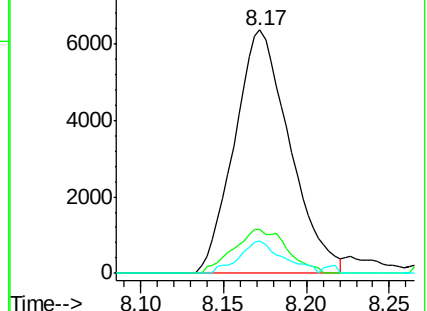
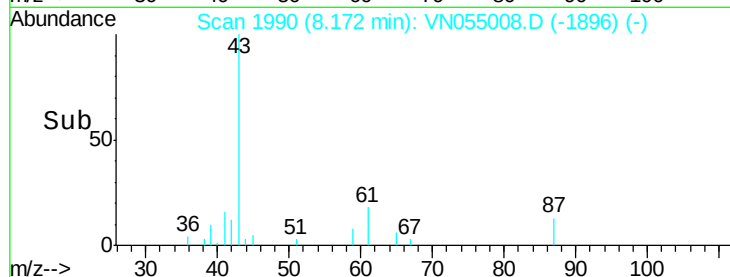
87 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.796 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055008.D

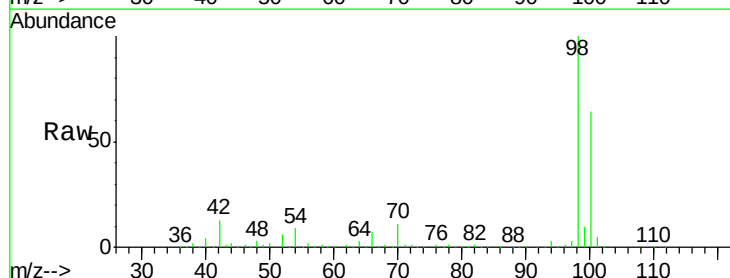
Acq: 12 Apr 2019 19:19

Tgt Ion: 98 Resp: 1032860

Ion Ratio Lower Upper

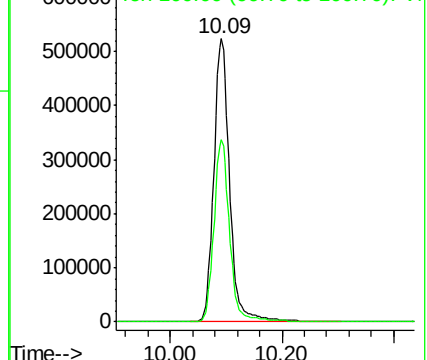
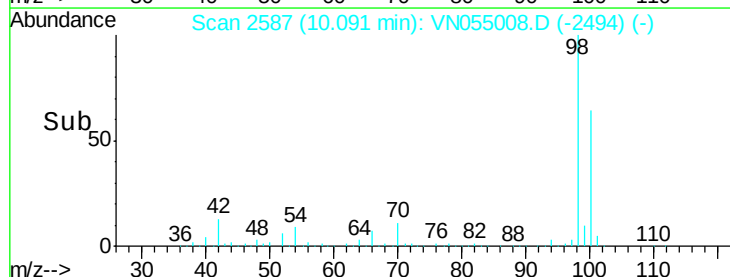
98 100

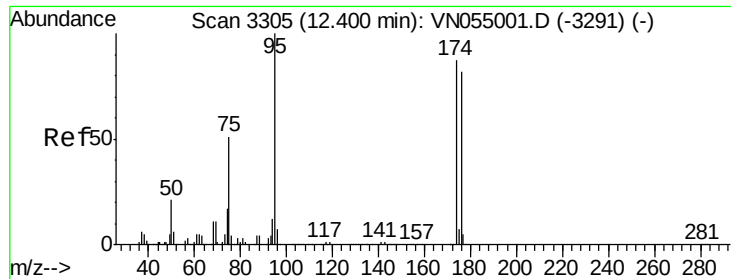
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 42.071 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampled :

TP-5

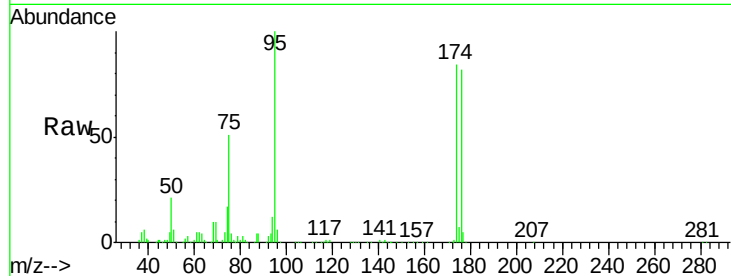
Tot Ion: 95 Resp: 293941

Ion Ratio Lower Upper

95 100

174 85.2 0.0 174.4

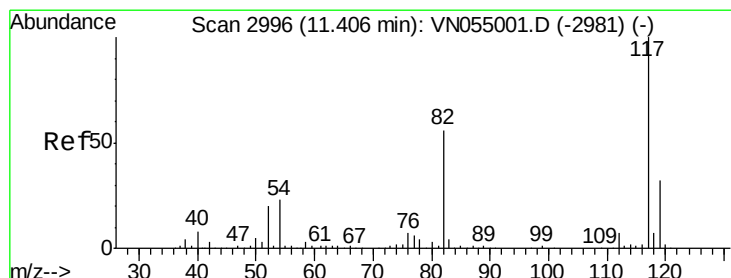
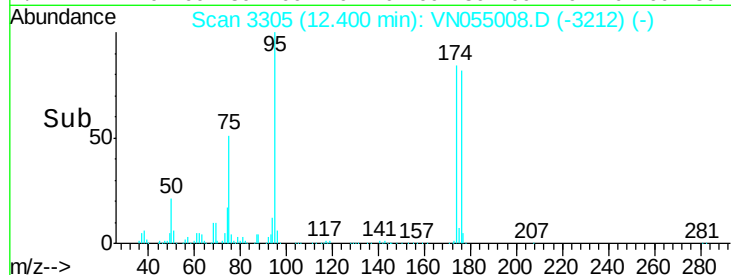
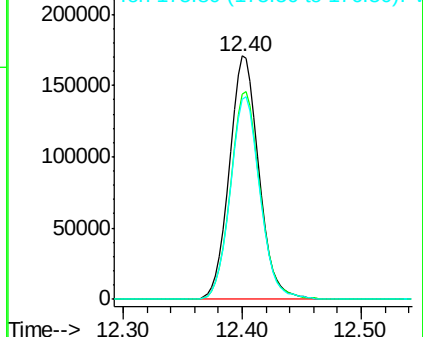
176 83.3 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055008.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055008.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055008.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

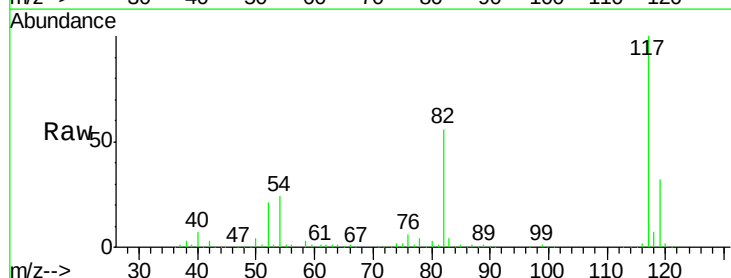
Tgt Ion: 117 Resp: 715010

Ion Ratio Lower Upper

117 100

82 56.2 44.6 66.8

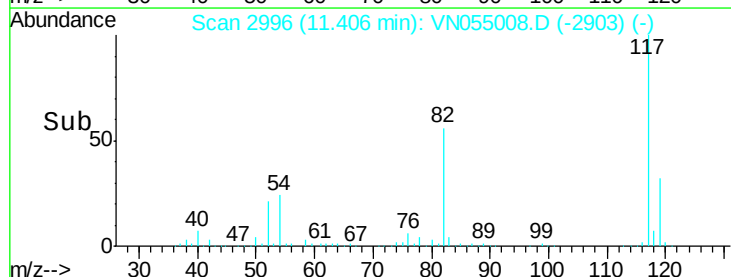
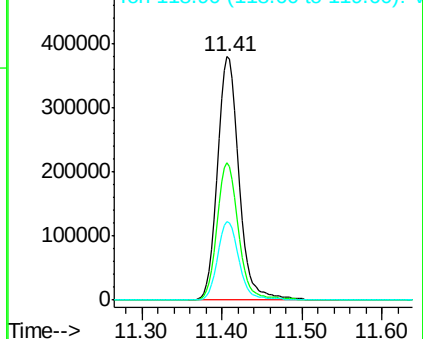
119 32.2 25.5 38.3

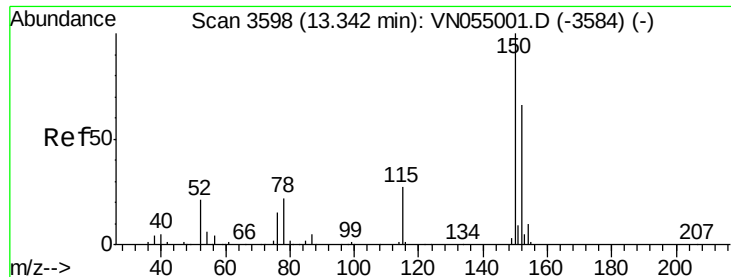


Abundance Ion 116.90 (116.60 to 117.60): VN055008.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055008.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055008.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampled :

TP-5

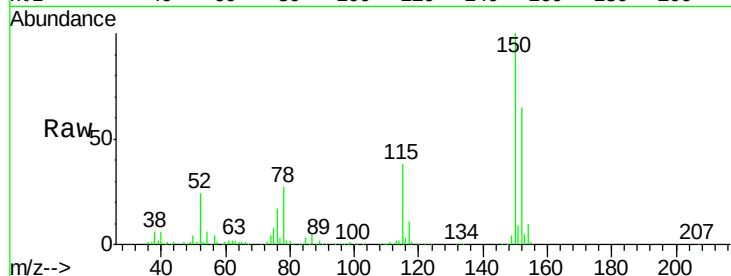
Tot Ion:152 Resp: 226402

Ion Ratio Lower Upper

152 100

115 57.7 28.5 85.6

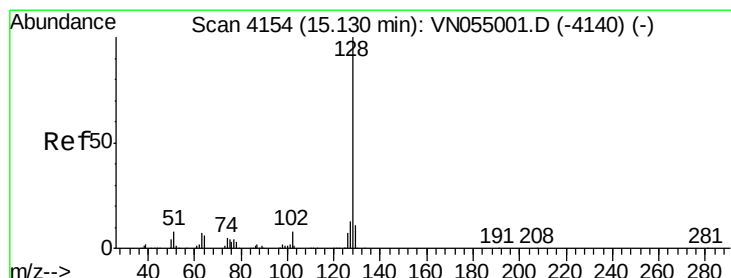
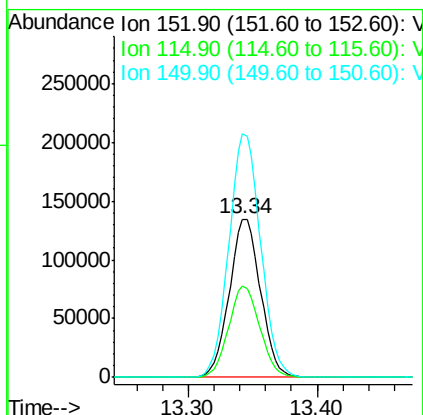
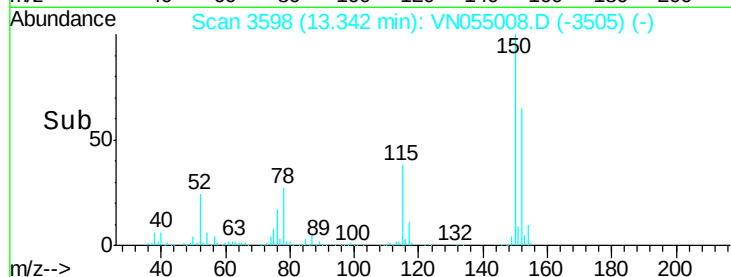
150 155.9 0.0 347.2



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



#95

Naphthalene

Concen: 5.135 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

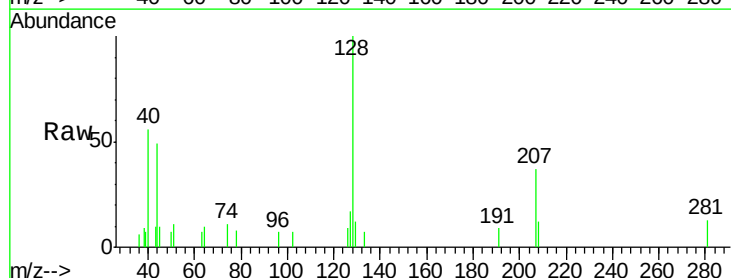
Tgt Ion:128 Resp: 4385

Ion Ratio Lower Upper

128 100

127 11.0 10.1 15.1

129 8.8 8.8 13.2



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

