

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055558.D
 Acq On : 10 May 2019 17:48
 Operator : JC/SP
 Sample : K2792-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Quant Time: May 11 02:02:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

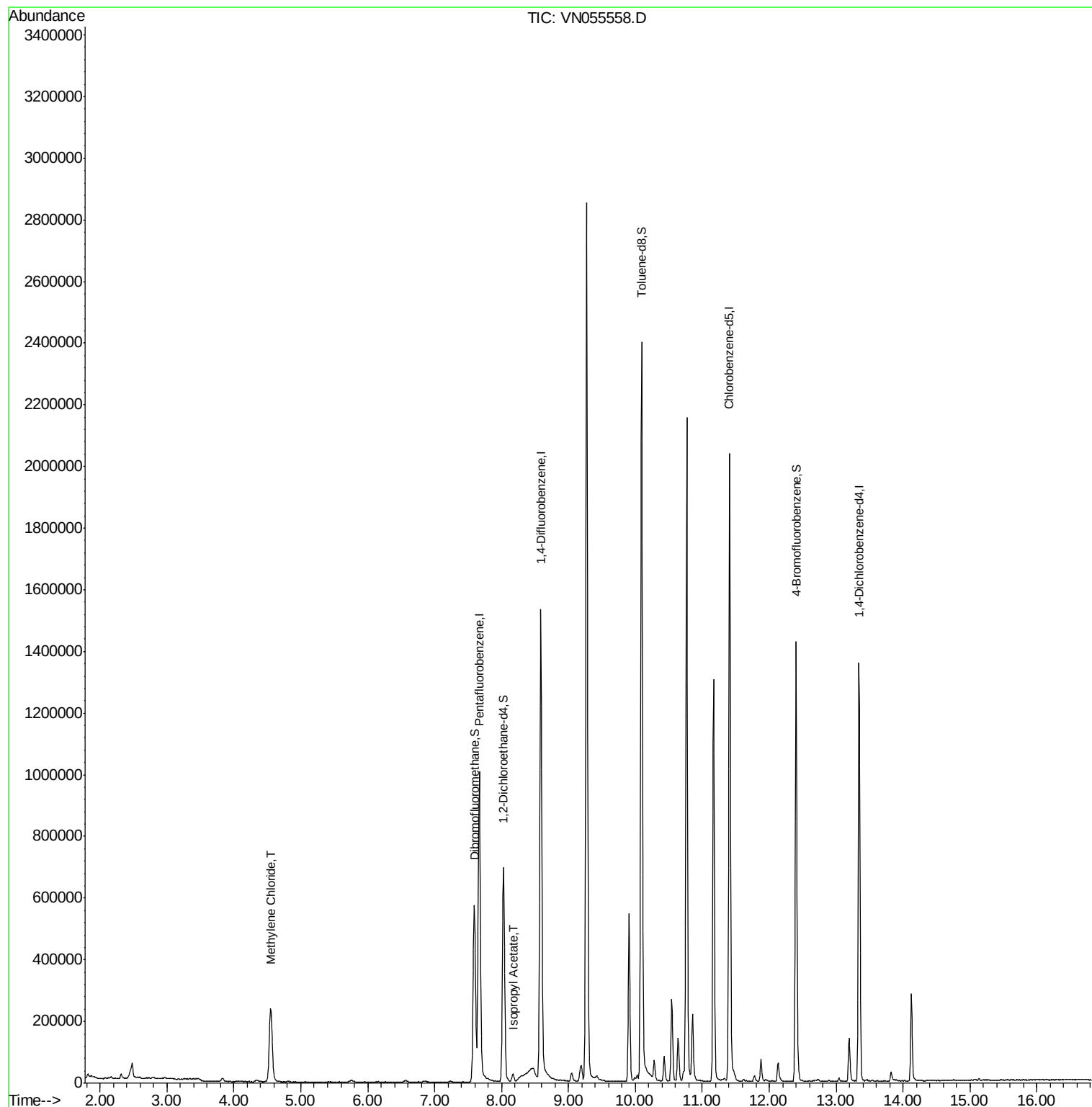
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	840810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1427494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1200046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	382613	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	582016	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
35) Dibromofluoromethane	7.59	113	443634	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	10.09	98	1764539	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.40	95	520625	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
Target Compounds						
20) Methylene Chloride	4.55	84	178623	14.902	ug/l	99
43) Isopropyl Acetate	8.17	43	28912	1.241	ug/l	99

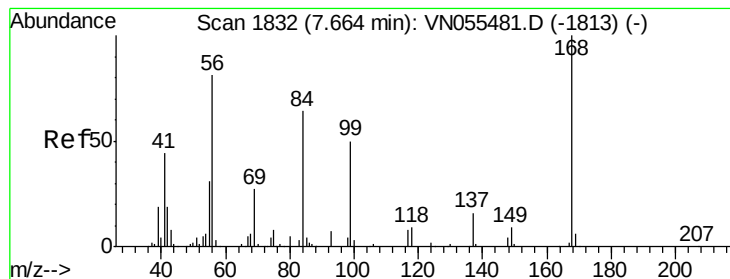
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
Data File : VN055558.D
Acq On : 10 May 2019 17:48
Operator : JC/SP
Sample : K2792-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Quant Time: May 11 02:02:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 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: VN055558.D

Acq: 10 May 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

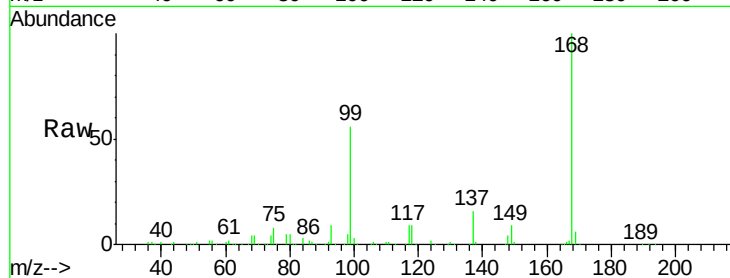
DRUM-COMP

Tot Ion:168 Resp: 840810

Ion Ratio Lower Upper

168 100

99 55.8 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

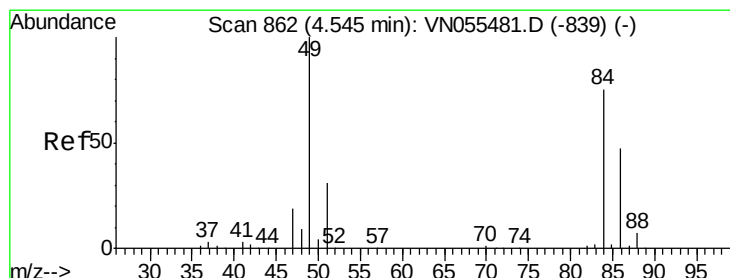
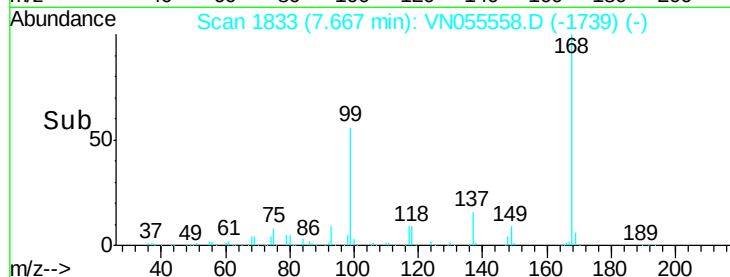
300000

200000

100000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 14.902 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055558.D

Acq: 10 May 2019 17:48

Tgt Ion: 84 Resp: 178623

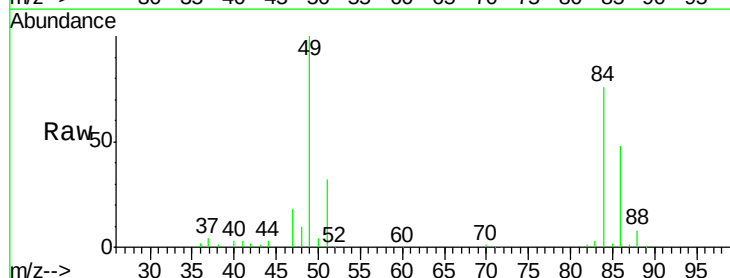
Ion Ratio Lower Upper

84 100

49 132.4 107.0 160.6

51 41.9 33.0 49.4

86 63.2 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

120000

100000

80000

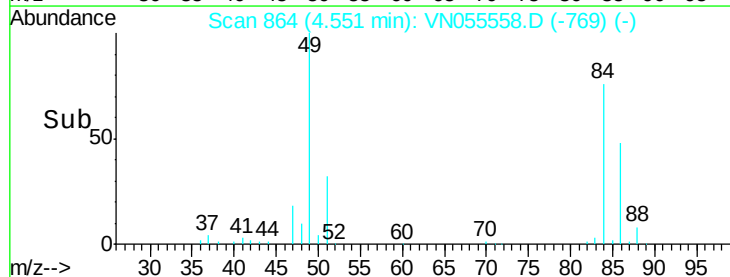
60000

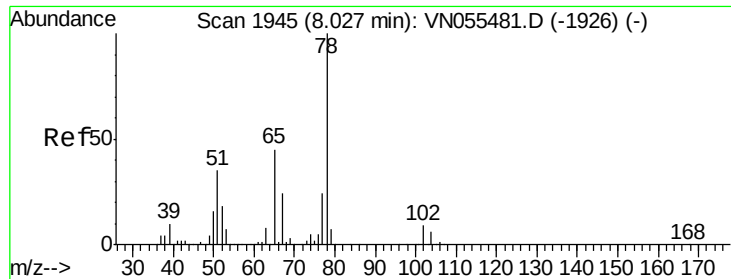
40000

20000

0

Time--> 4.40 4.50 4.60 4.70

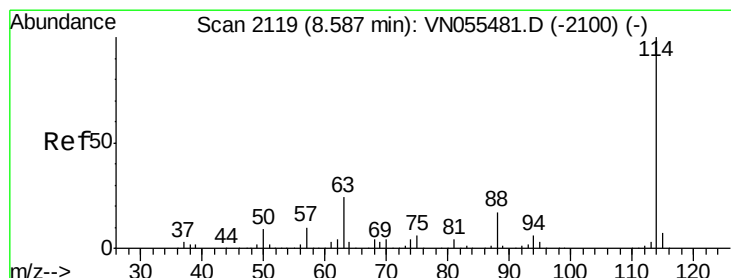
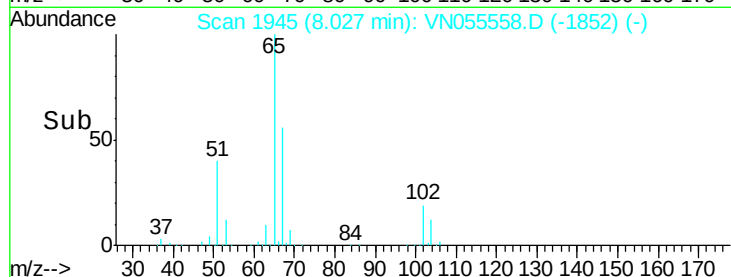
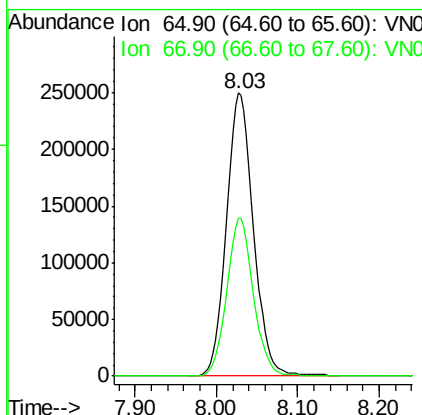
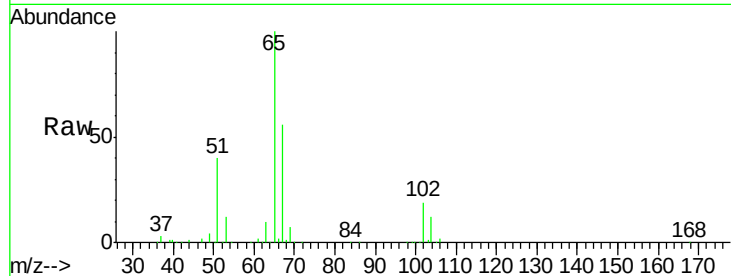




#33
 1,2-Dichloroethane-d4
 Concen: 45.974 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055558.D
 Acq: 10 May 2019 17:48

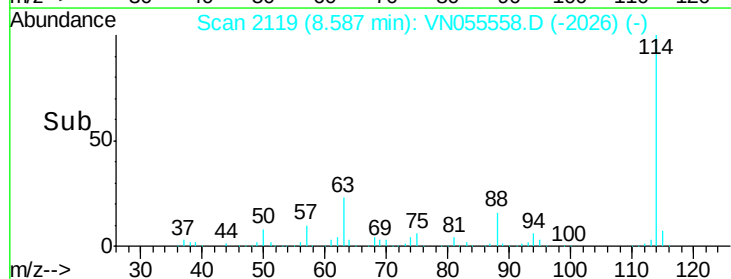
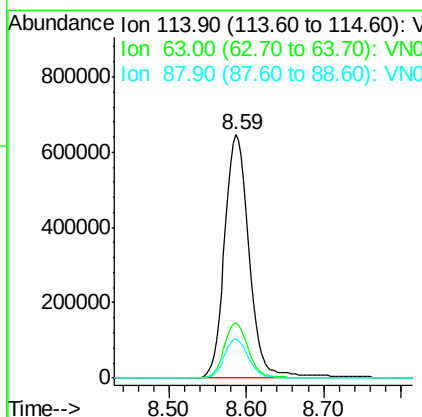
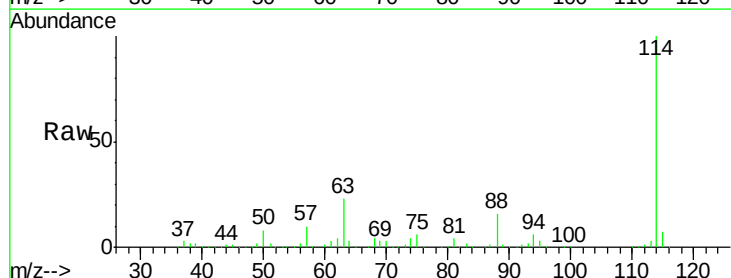
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

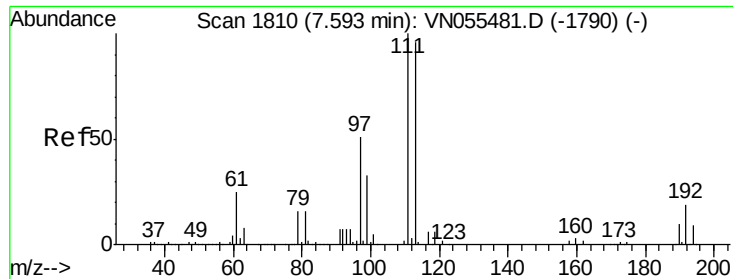
Tot Ion: 65 Resp: 582016
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055558.D
 Acq: 10 May 2019 17:48

Tgt Ion: 114 Resp: 1427494
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 16.1 0.0 34.0

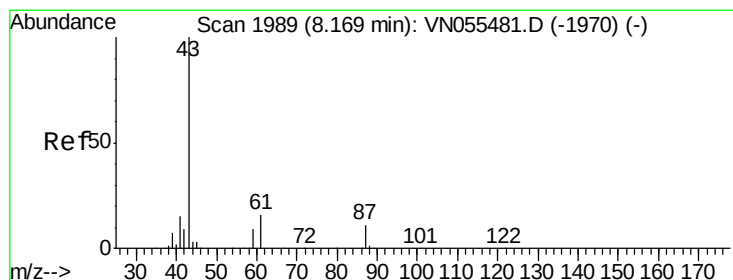
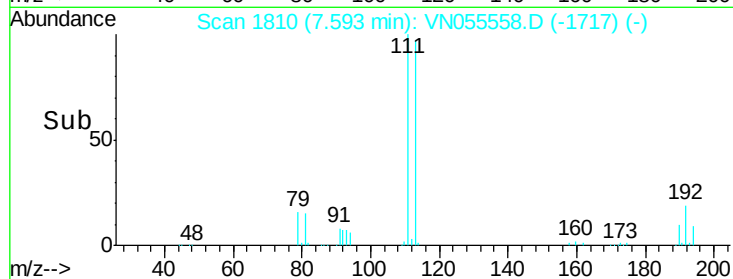
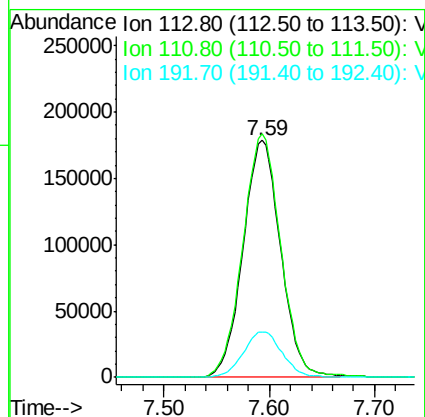
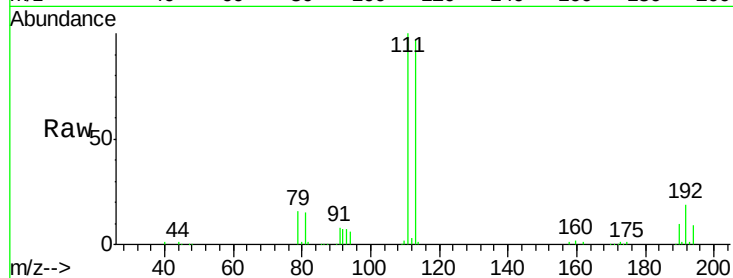




#35
 Dibromofluoromethane
 Concen: 48.177 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055558.D
 Acq: 10 May 2019 17:48

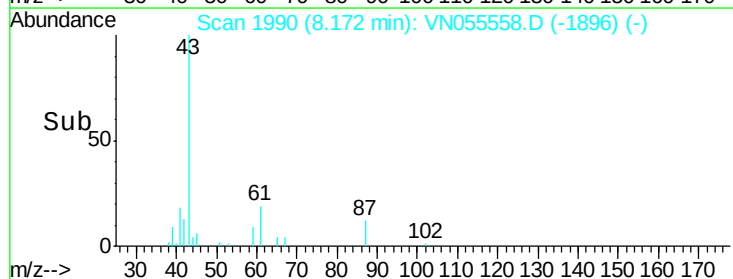
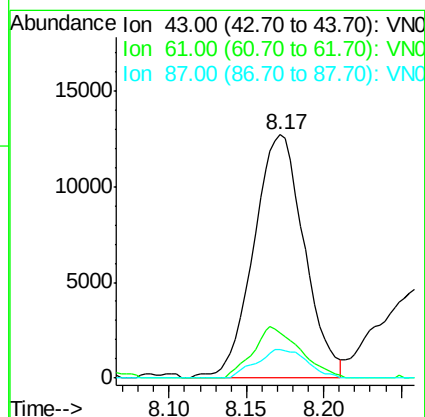
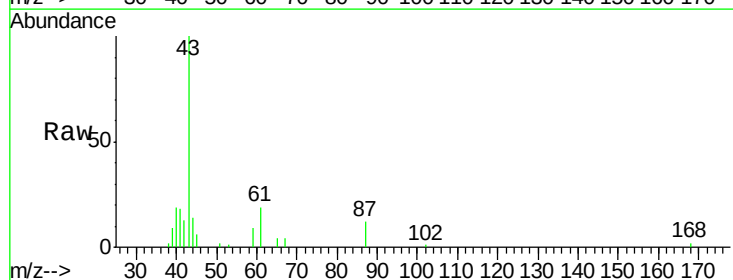
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

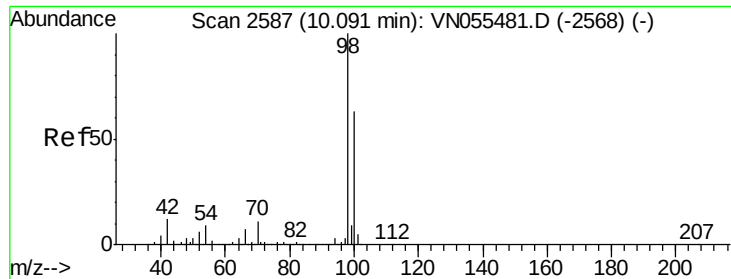
Tot Ion:113 Resp: 443634
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 19.8 15.6 23.4



#43
 Isopropyl Acetate
 Concen: 1.241 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN055558.D
 Acq: 10 May 2019 17:48

Tgt Ion: 43 Resp: 28912
 Ion Ratio Lower Upper
 43 100
 61 19.5 15.1 22.7
 87 11.7 9.0 13.6





#50

Toluene-d8

Concen: 49.173 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055558.D

Acq: 10 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

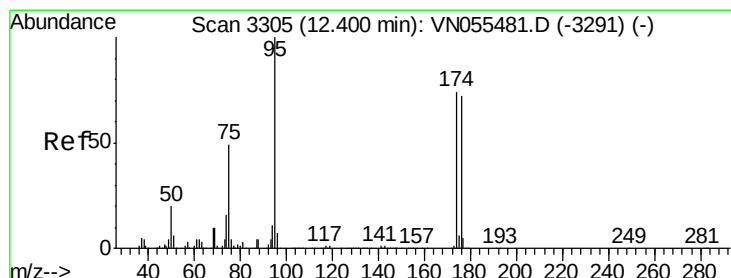
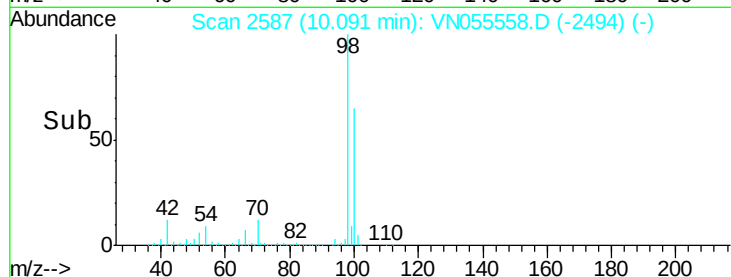
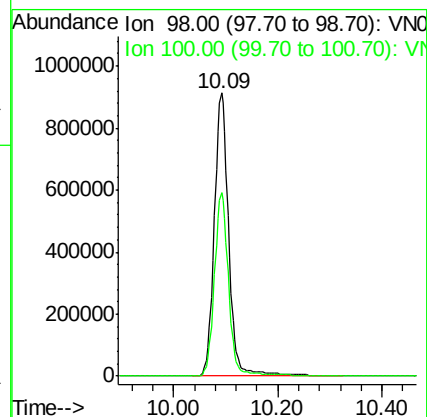
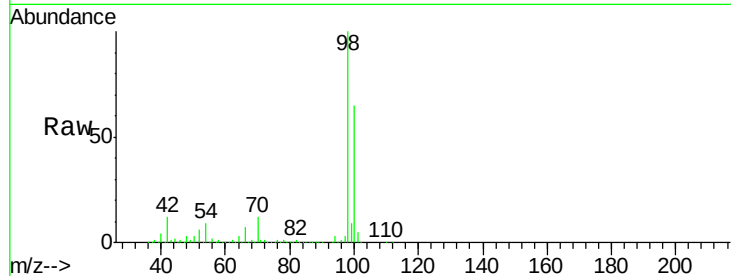
DRUM-COMP

Tot Ion: 98 Resp: 1764539

Ion Ratio Lower Upper

98 100

100 62.6 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 43.028 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055558.D

Acq: 10 May 2019 17:48

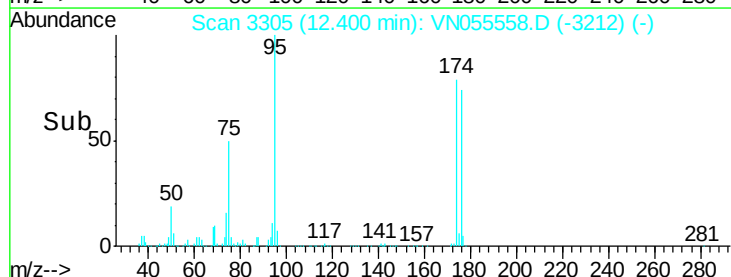
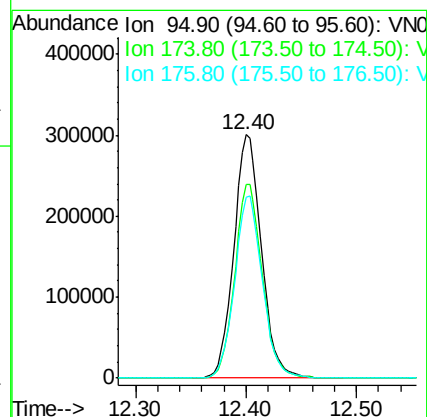
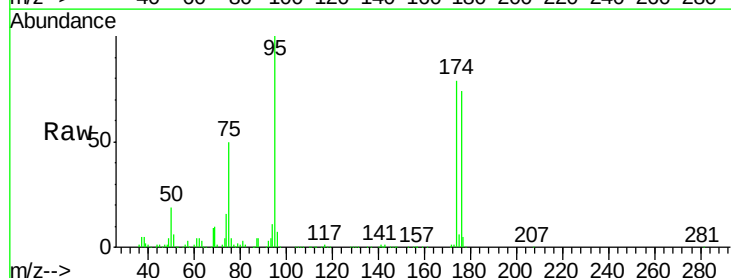
Tgt Ion: 95 Resp: 520625

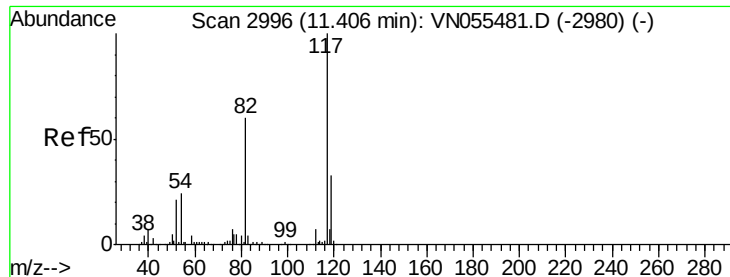
Ion Ratio Lower Upper

95 100

174 79.6 0.0 152.2

176 75.4 0.0 147.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055558.D

Acq: 10 May 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP

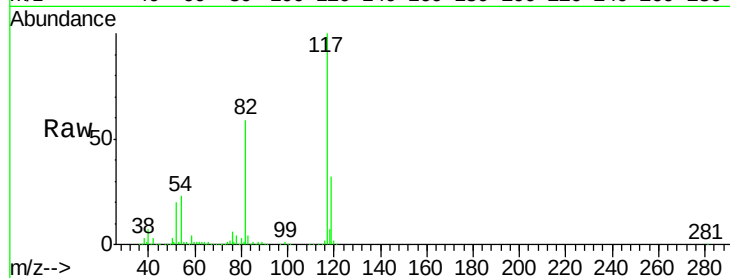
Tot Ion:117 Resp: 1200046

Ion Ratio Lower Upper

117 100

82 58.6 48.0 72.0

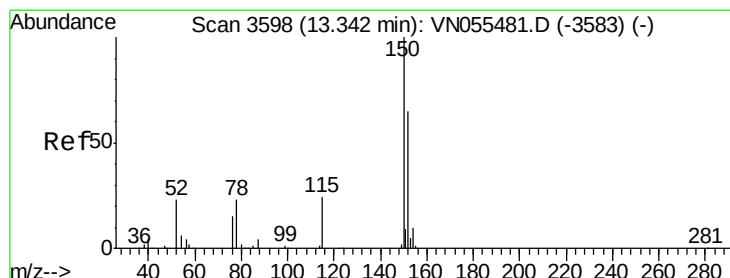
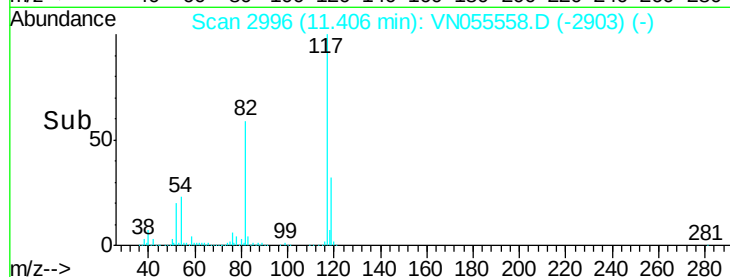
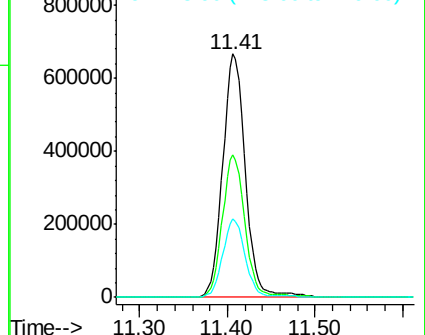
119 32.1 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055558.D

Acq: 10 May 2019 17:48

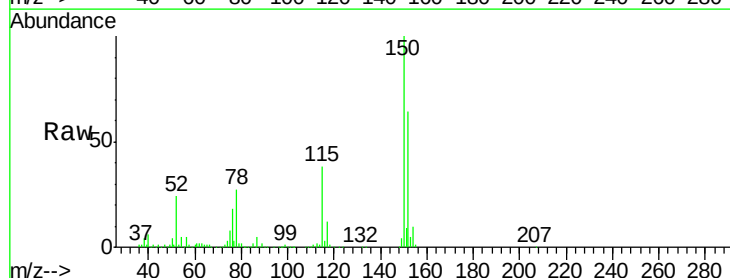
Tgt Ion:152 Resp: 382613

Ion Ratio Lower Upper

152 100

115 59.2 30.1 90.5

150 156.0 0.0 355.0



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

