

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059906.D
 Acq On : 29 Jan 2020 12:50
 Operator : JC/MD
 Sample : L1013-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-012820

Quant Time: Jan 30 00:33:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

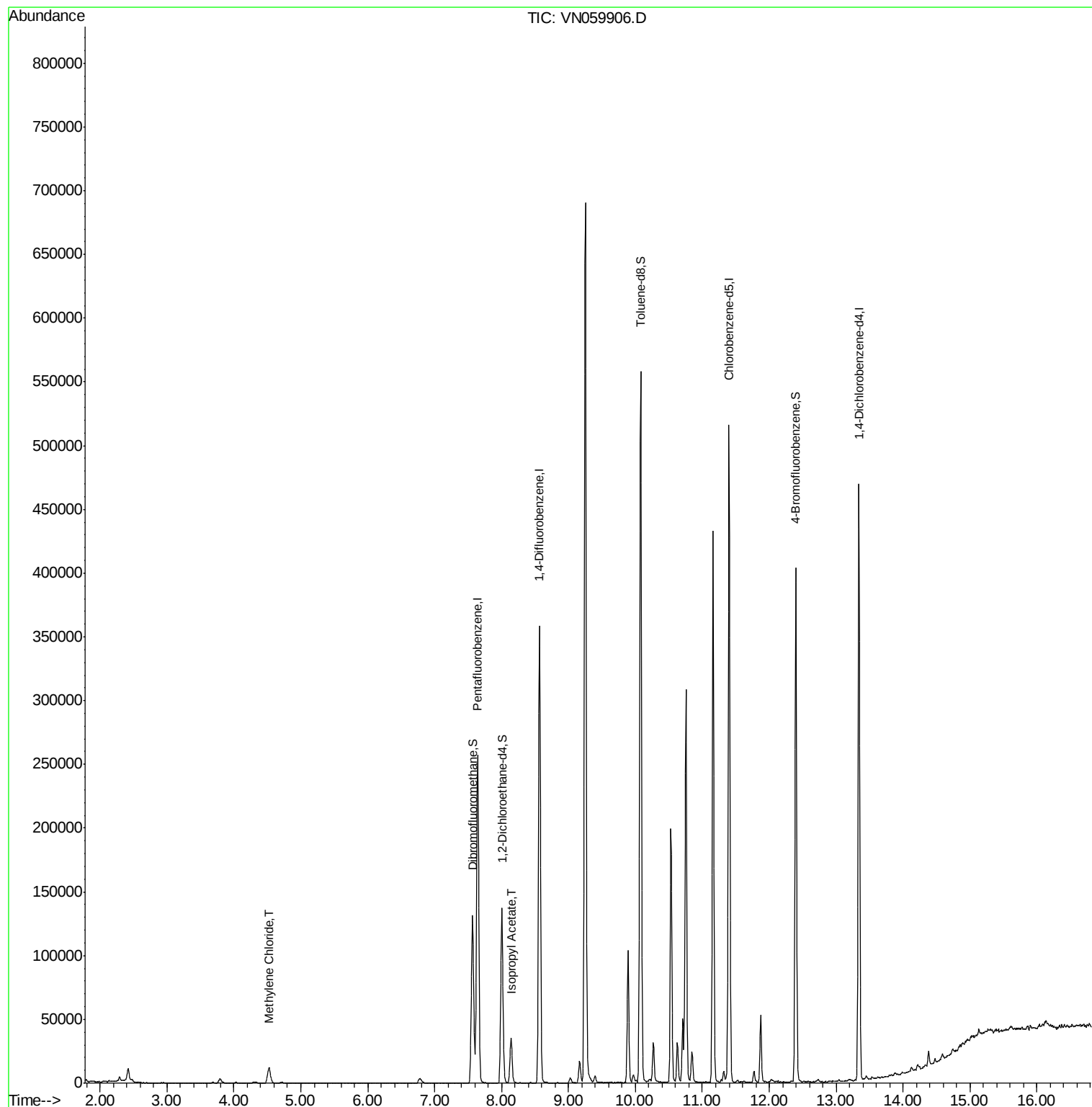
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	220071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	333336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	117149	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	7.57	113	99828	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.08	98	396398	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	135653	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
Target Compounds						
20) Methylene Chloride	4.53	84	9778	3.211	ug/l	86
43) Isopropyl Acetate	8.14	43	41764	8.918	ug/l #	89

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059906.D

Acq: 29 Jan 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

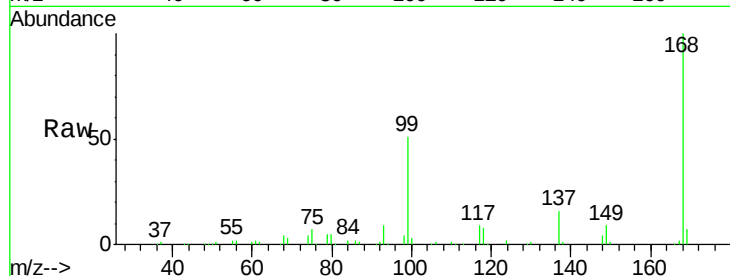
PL-05-012820

Tot Ion:168 Resp: 220071

Ion Ratio Lower Upper

168 100

99 50.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

100000

80000

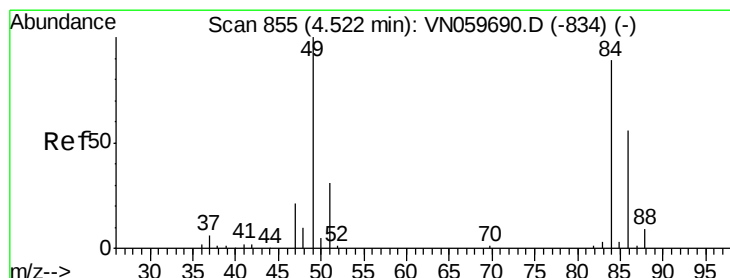
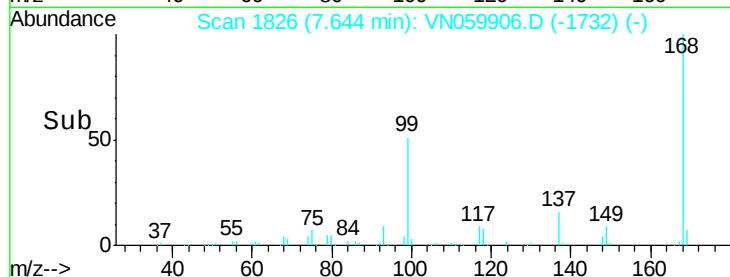
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 3.211 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059906.D

Acq: 29 Jan 2020 12:50

Tgt Ion: 84 Resp: 9778

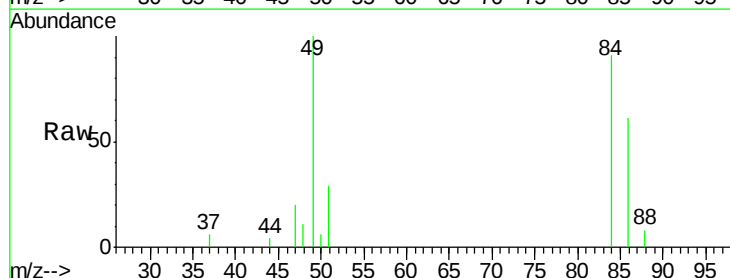
Ion Ratio Lower Upper

84 100

49 109.8 106.6 160.0

51 32.3 31.9 47.9

86 66.7 50.8 76.2



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

5000

4000

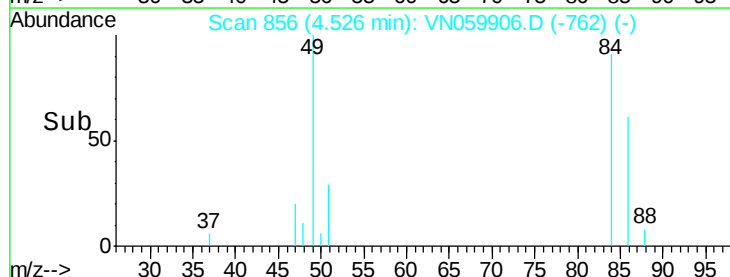
3000

2000

1000

0

Time--> 4.45 4.50 4.55 4.60

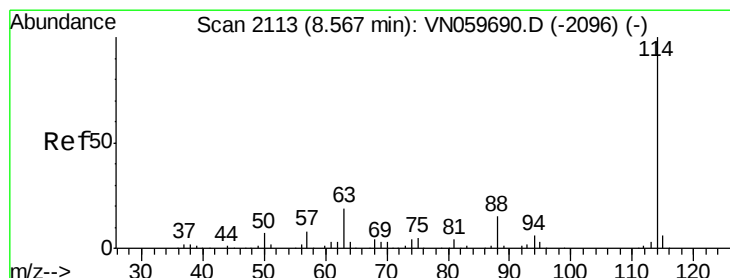
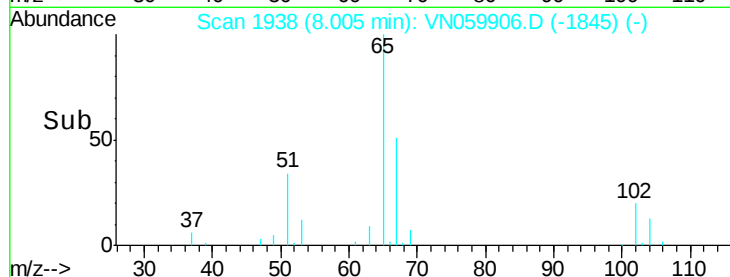
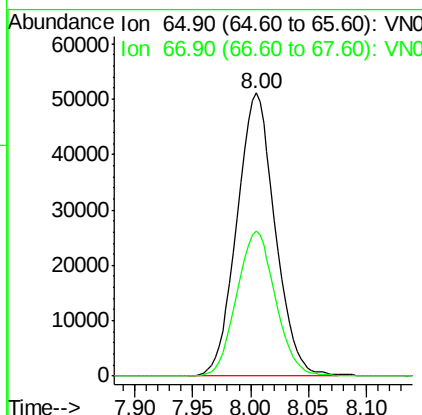
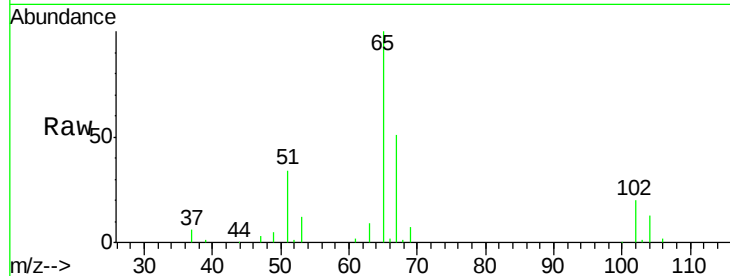




#33
 1,2-Dichloroethane-d4
 Concen: 47.934 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059906.D
 Acq: 29 Jan 2020 12:50

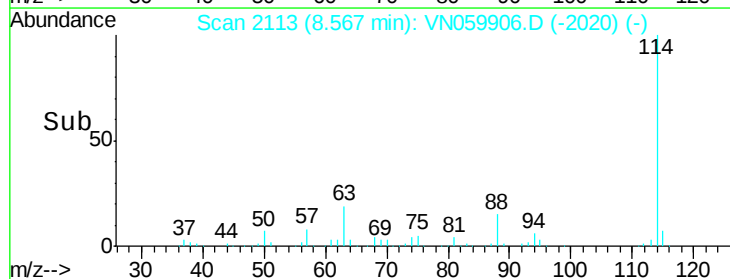
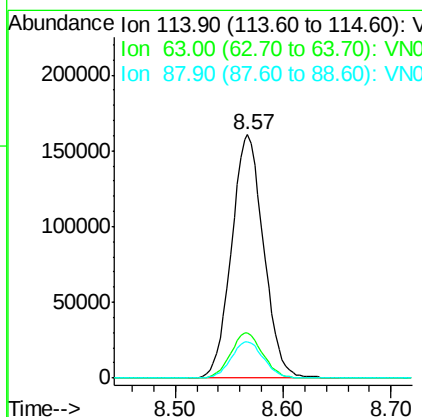
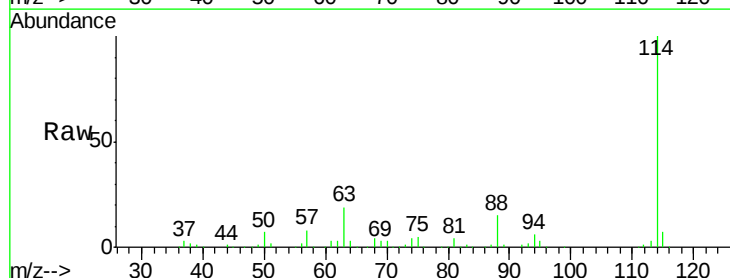
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-012820

Tot Ion: 65 Resp: 117149
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059906.D
 Acq: 29 Jan 2020 12:50

Tgt Ion: 114 Resp: 333336
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 43.6
 88 15.1 0.0 31.4

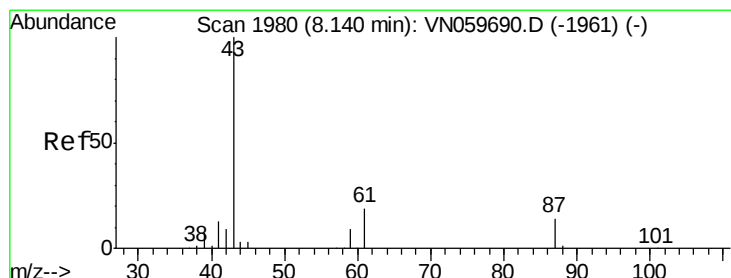
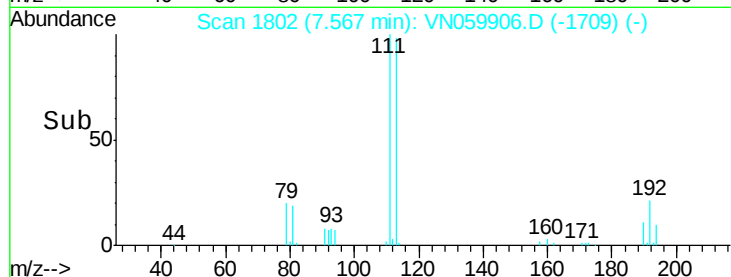
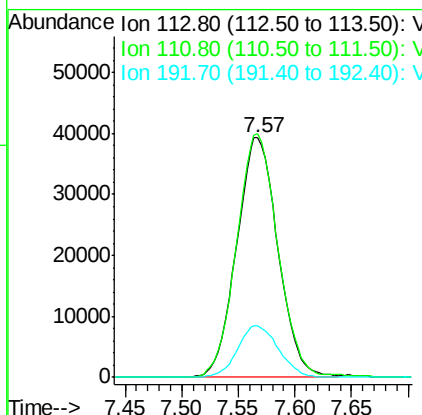
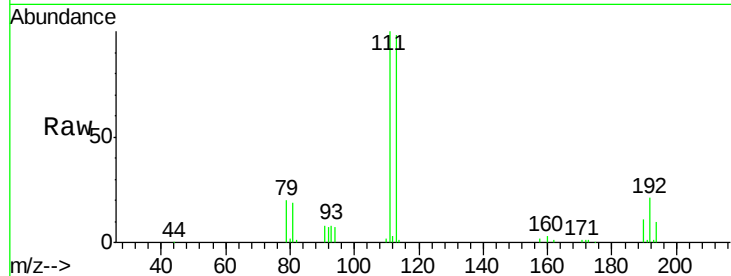




#35
 Dibromofluoromethane
 Concen: 50.220 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059906.D
 Acq: 29 Jan 2020 12:50

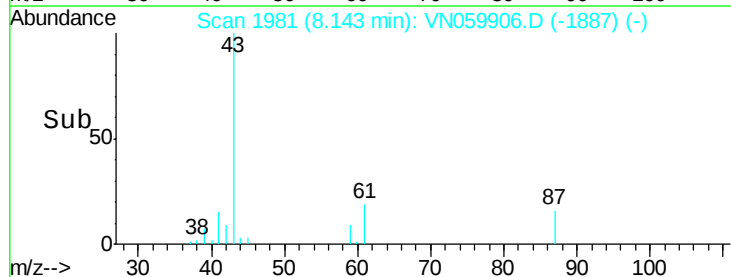
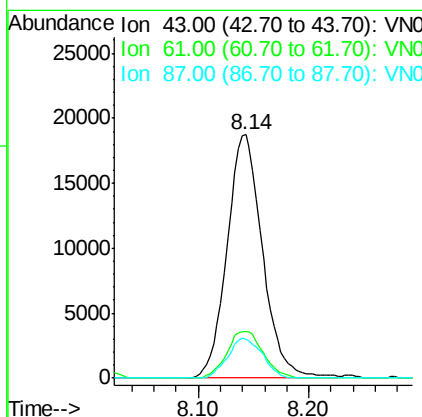
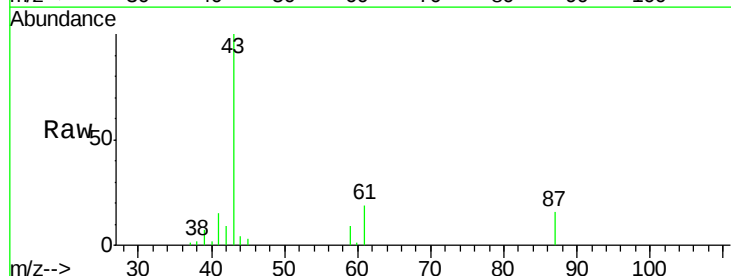
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-012820

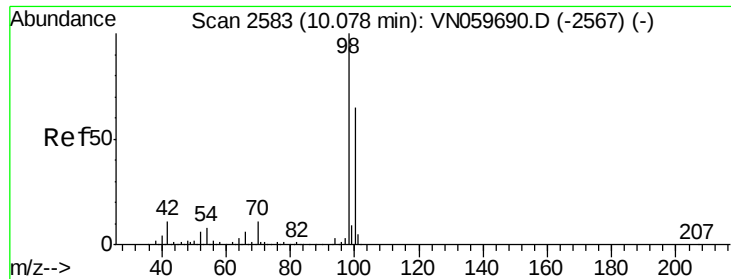
Tot Ion:113 Resp: 99828
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.5 125.3
 192 21.3 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 8.918 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN059906.D
 Acq: 29 Jan 2020 12:50

Tgt Ion: 43 Resp: 41764
 Ion Ratio Lower Upper
 43 100
 61 19.6 20.2 30.2#
 87 15.8 9.5 14.3#





#50

Toluene-d8

Concen: 51.468 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059906.D

Acq: 29 Jan 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

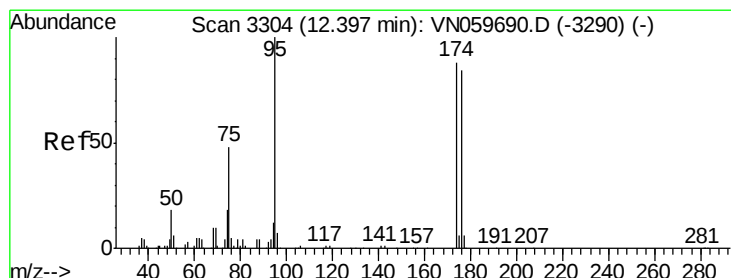
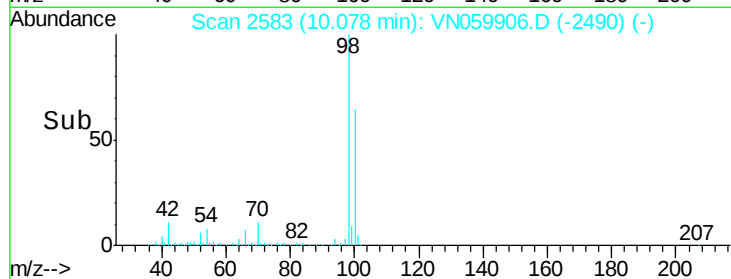
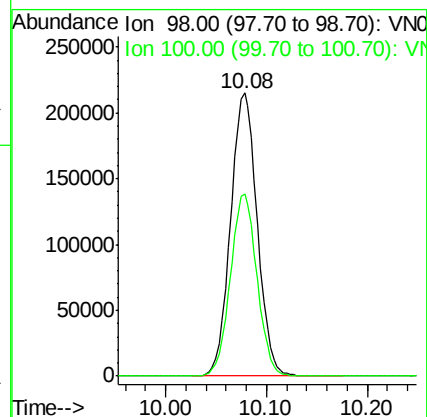
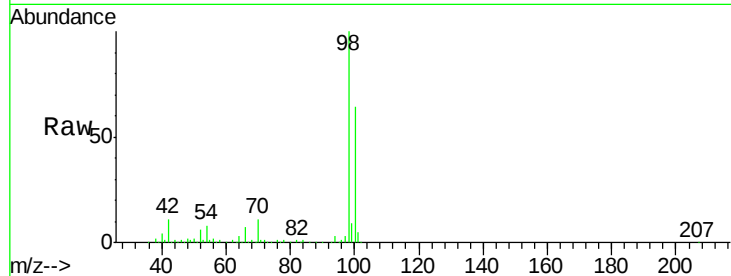
PL-05-012820

Tot Ion: 98 Resp: 396398

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 48.857 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059906.D

Acq: 29 Jan 2020 12:50

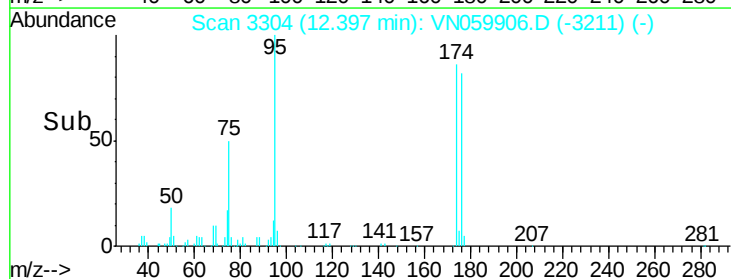
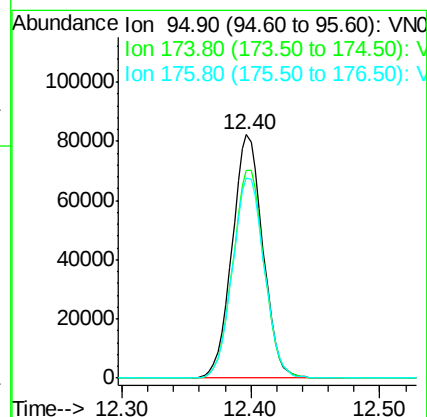
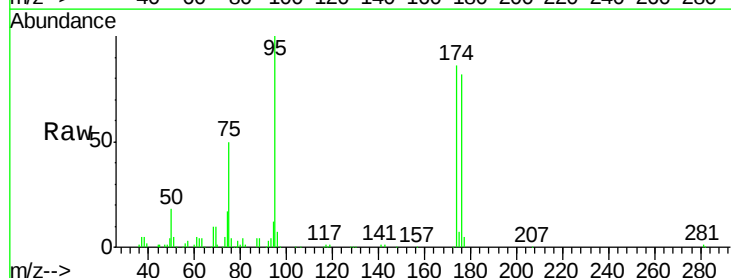
Tgt Ion: 95 Resp: 135653

Ion Ratio Lower Upper

95 100

174 87.4 0.0 151.4

176 85.3 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059906.D

Acq: 29 Jan 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

PL-05-012820

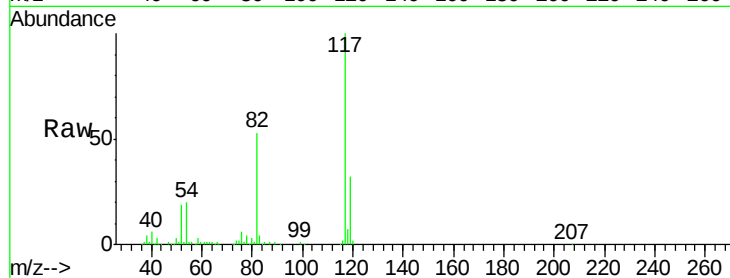
Tot Ion:117 Resp: 302969

Ion Ratio Lower Upper

117 100

82 52.7 45.9 68.9

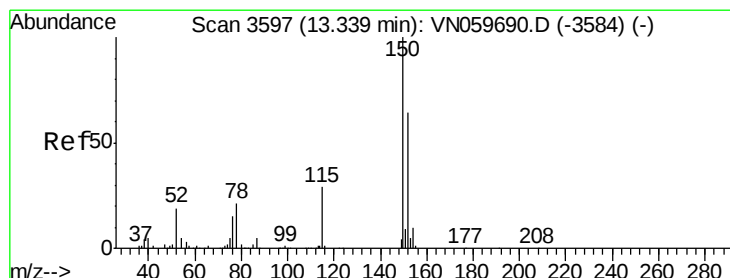
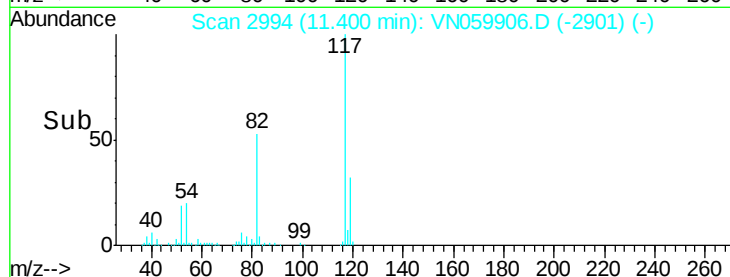
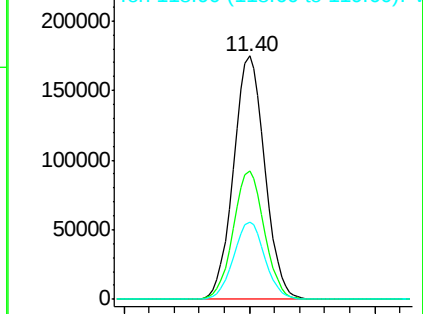
119 31.8 25.5 38.3



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# 3597

Delta R.T. 0.00 min

Lab File: VN059906.D

Acq: 29 Jan 2020 12:50

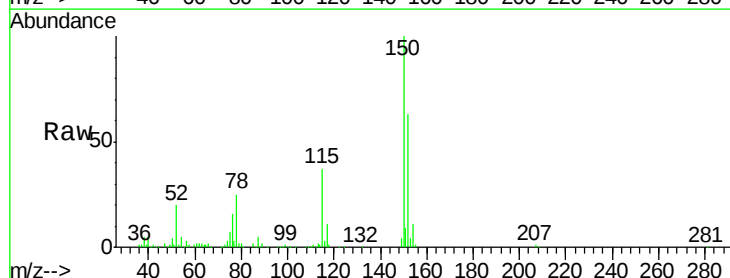
Tgt Ion:152 Resp: 127907

Ion Ratio Lower Upper

152 100

115 58.3 30.3 90.9

150 158.8 0.0 345.2



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

