

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059221.D
 Acq On : 14 Nov 2019 10:35
 Operator : JC/SP
 Sample : PB124763TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124763TB

Quant Time: Nov 15 06:45:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

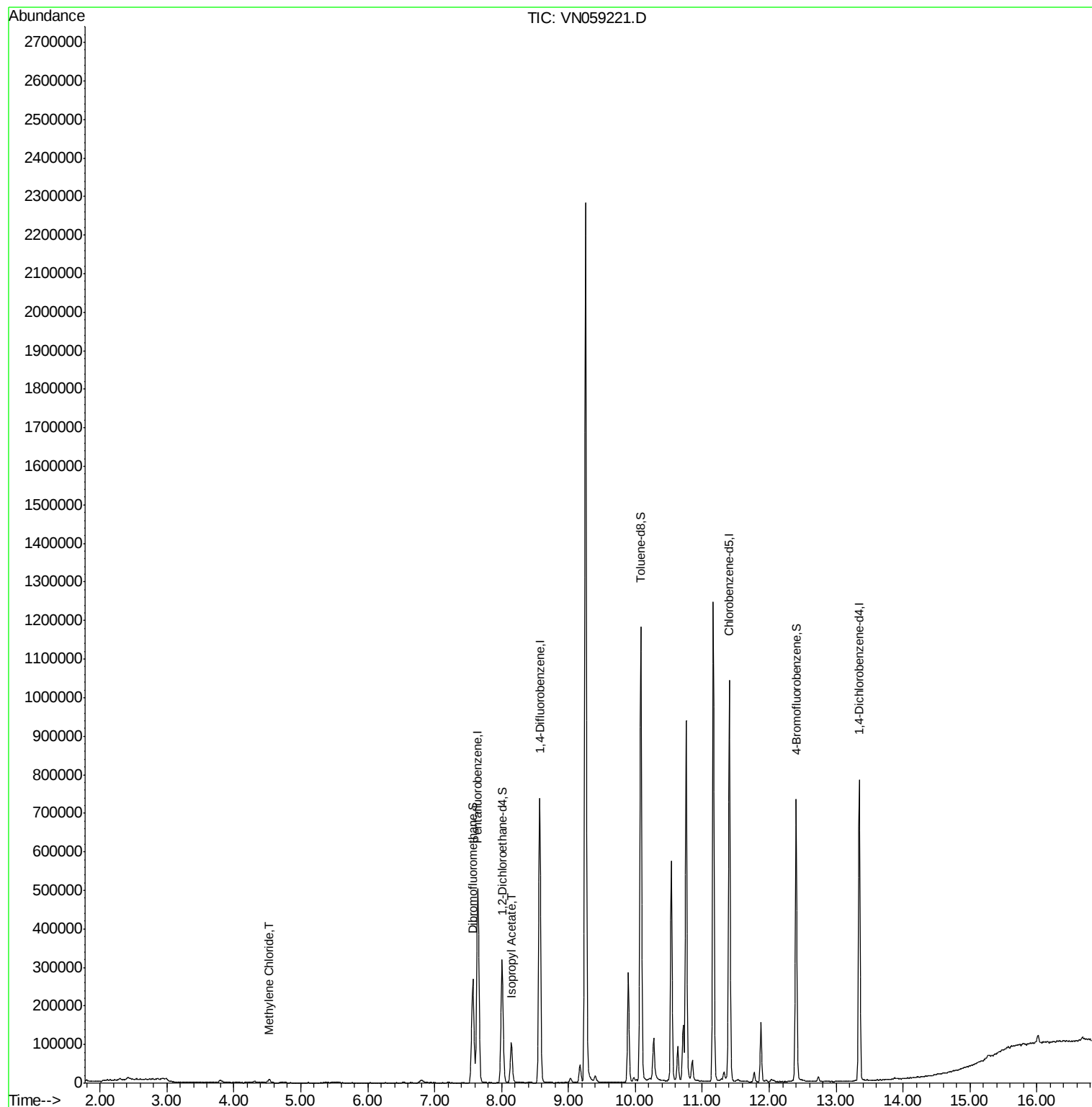
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	422042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	660349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	601296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	211047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	272780	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	7.57	113	208440	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.08	98	825116	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.40	95	260663	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
Target Compounds						
20) Methylene Chloride	4.53	84	6790	1.445	ug/l	88
43) Isopropyl Acetate	8.15	43	121794	11.126	ug/l #	90

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111419\
Data File : VN059221.D
Acq On : 14 Nov 2019 10:35
Operator : JC/SP
Sample : PB124763TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB124763TB

Quant Time: Nov 15 06:45:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
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: VN059221.D

Acq: 14 Nov 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

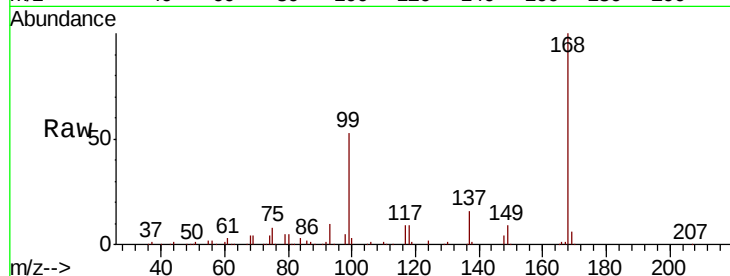
PB124763TB

Tot Ion:168 Resp: 422042

Ion Ratio Lower Upper

168 100

99 53.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

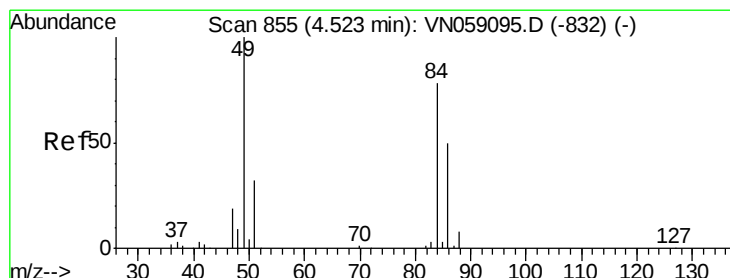
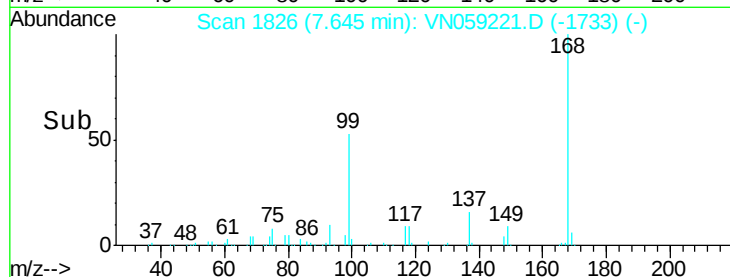
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.445 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059221.D

Acq: 14 Nov 2019 10:35

Tgt Ion: 84 Resp: 6790

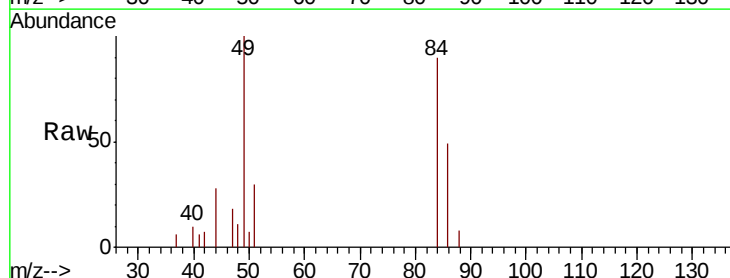
Ion Ratio Lower Upper

84 100

49 111.6 102.0 153.0

51 33.5 32.2 48.2

86 55.2 50.7 76.1



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

4000

3000

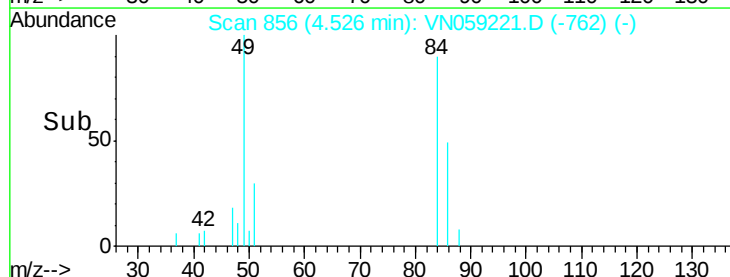
2000

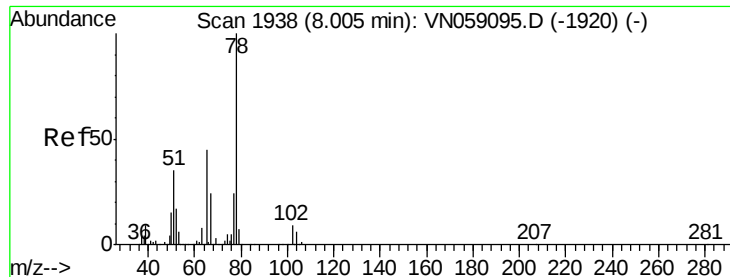
1000

0

4.45 4.50 4.55 4.60

Time-->

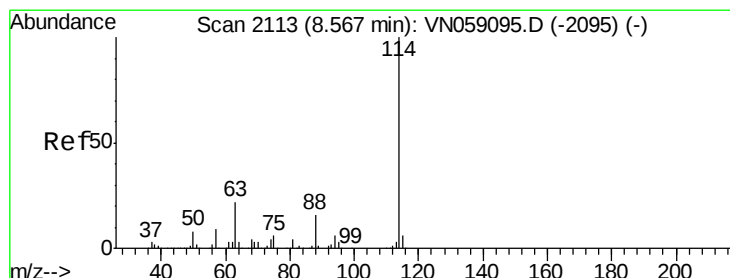
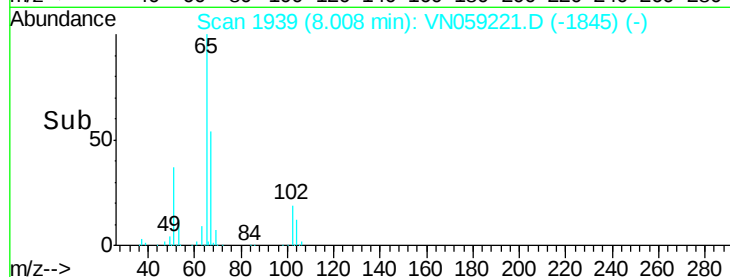
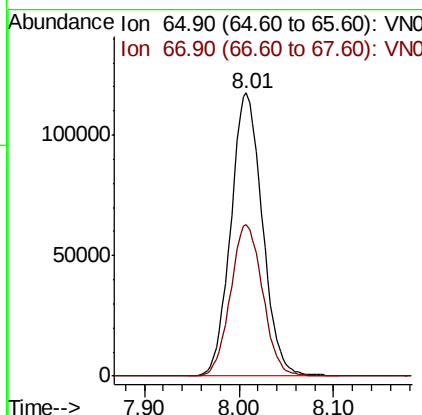
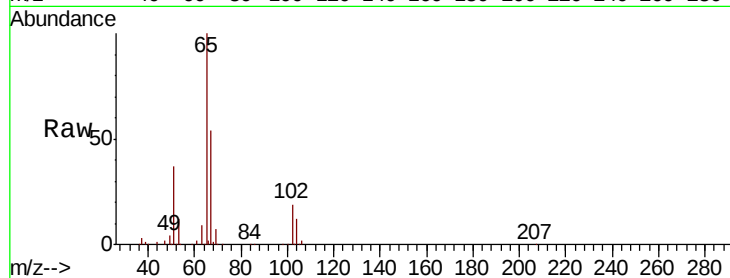




#33
 1,2-Dichloroethane-d4
 Concen: 52.579 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059221.D
 Acq: 14 Nov 2019 10:35

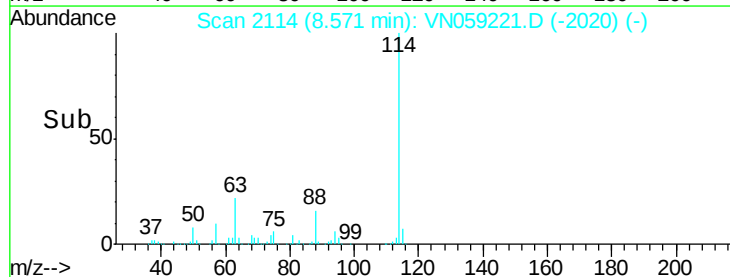
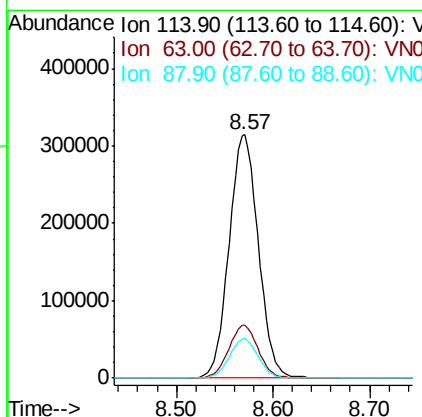
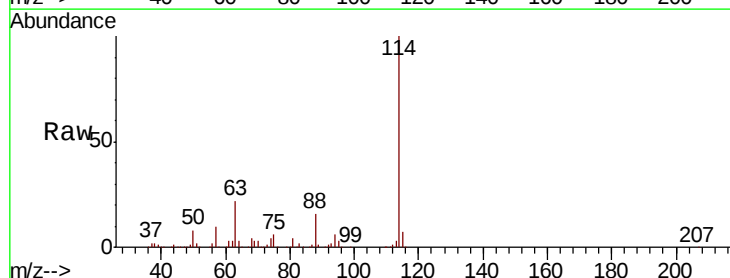
Instrument :
 MSVOA_N
 ClientSampled :
 PB124763TB

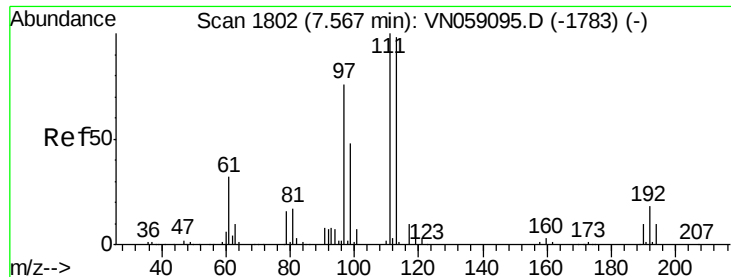
Tot Ion: 65 Resp: 272780
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059221.D
 Acq: 14 Nov 2019 10:35

Tgt Ion: 114 Resp: 660349
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.3 0.0 32.2

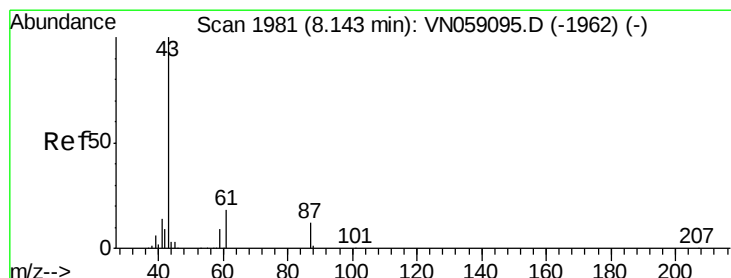
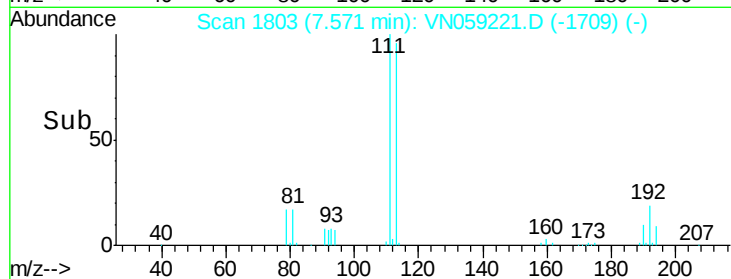
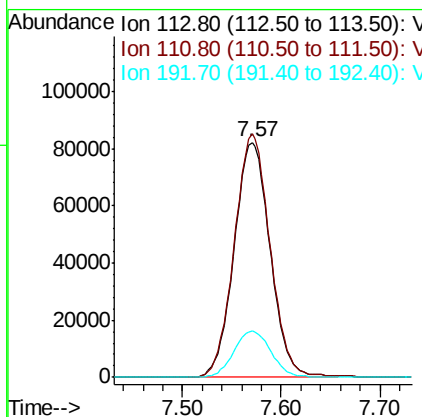
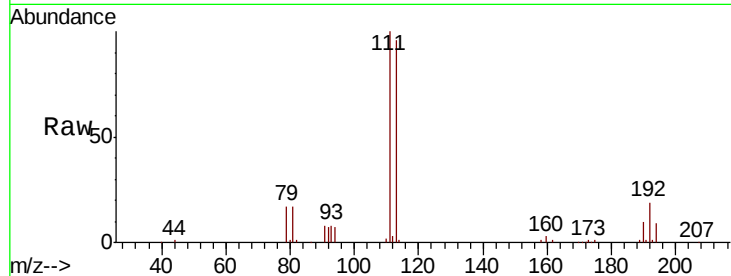




#35
 Dibromofluoromethane
 Concen: 52.864 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059221.D
 Acq: 14 Nov 2019 10:35

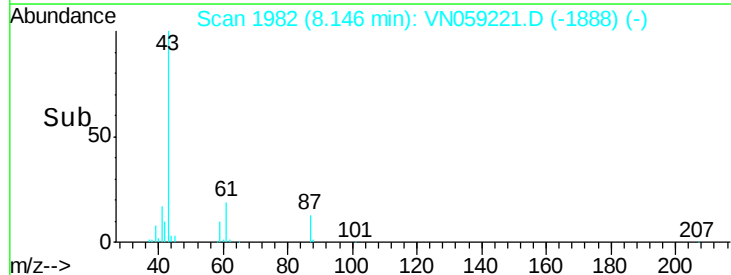
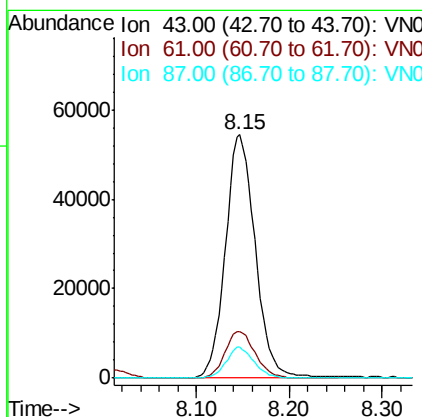
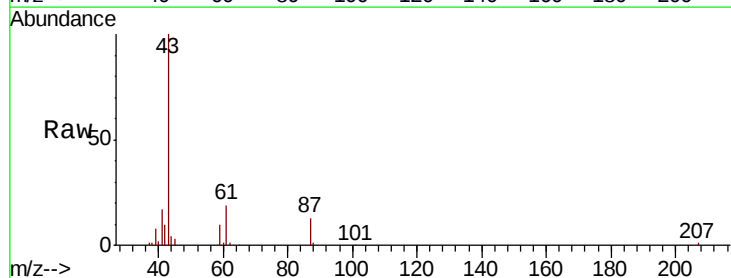
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124763TB

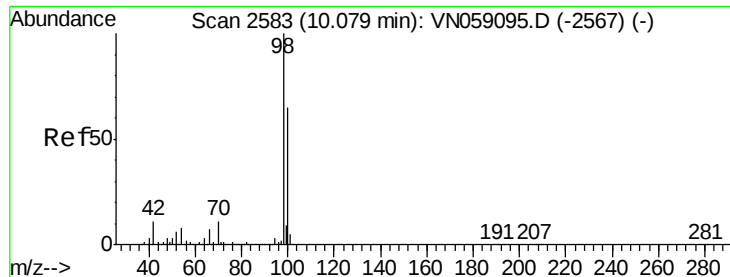
Tot Ion:113 Resp: 208440
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.8 124.2
 192 20.4 16.1 24.1



#43
 Isopropyl Acetate
 Concen: 11.126 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059221.D
 Acq: 14 Nov 2019 10:35

Tgt Ion: 43 Resp: 121794
 Ion Ratio Lower Upper
 43 100
 61 19.2 21.0 31.6#
 87 11.8 9.8 14.6





#50

Toluene-d8

Concen: 53.128 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059221.D

Acq: 14 Nov 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

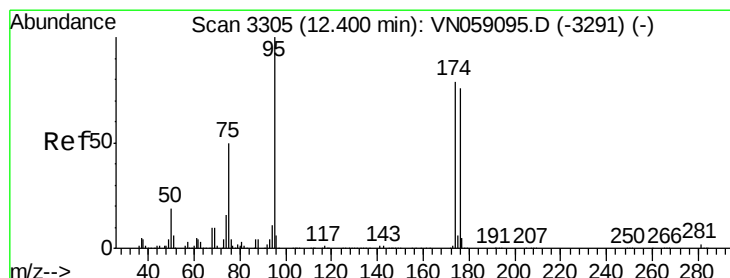
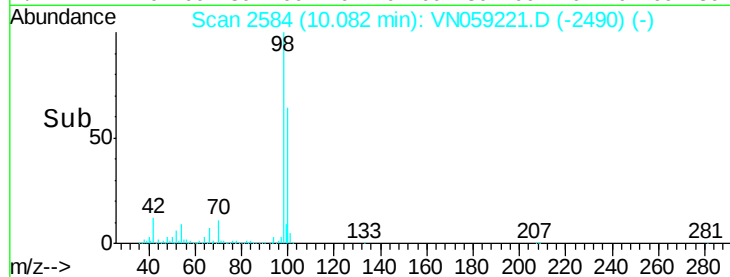
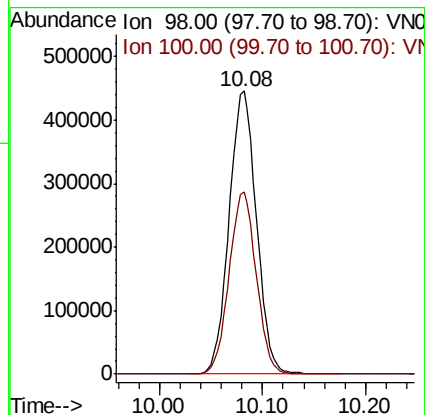
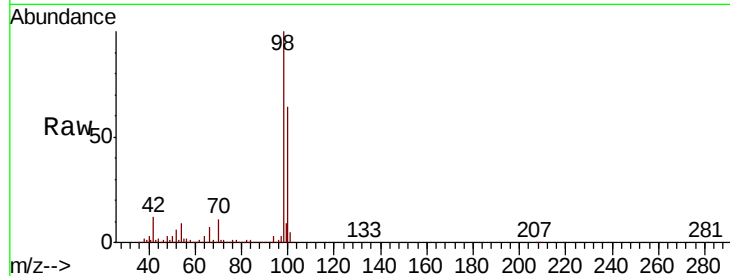
PB124763TB

Tot Ion: 98 Resp: 825116

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.548 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059221.D

Acq: 14 Nov 2019 10:35

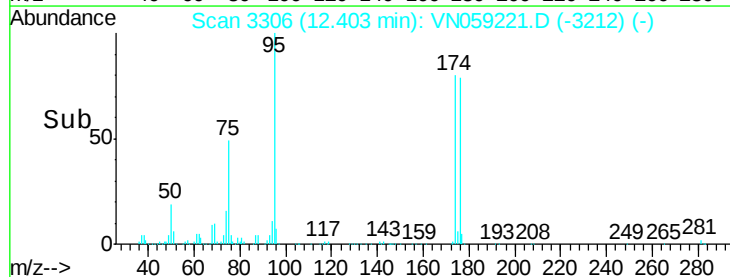
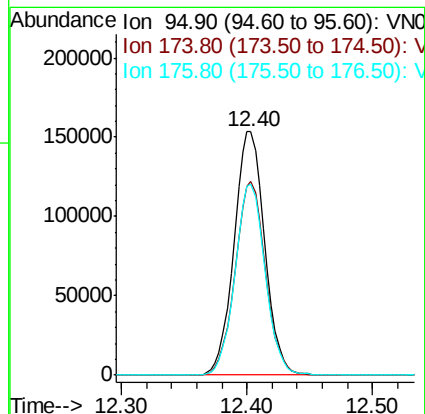
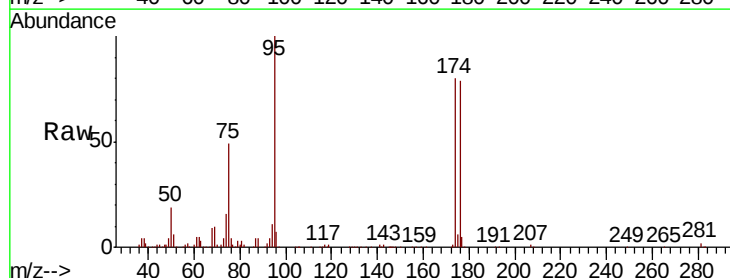
Tgt Ion: 95 Resp: 260663

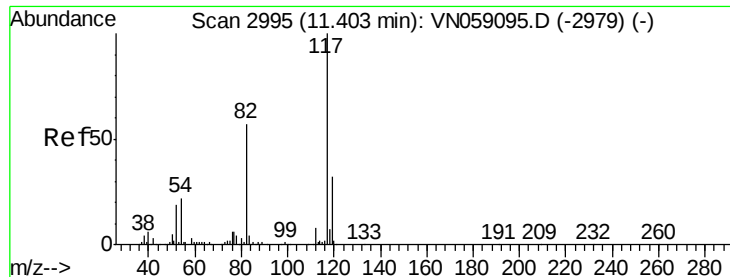
Ion Ratio Lower Upper

95 100

174 78.4 0.0 158.2

176 77.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059221.D

Acq: 14 Nov 2019 10:35

Instrument :

MSVOA_N

ClientSampleId :

PB124763TB

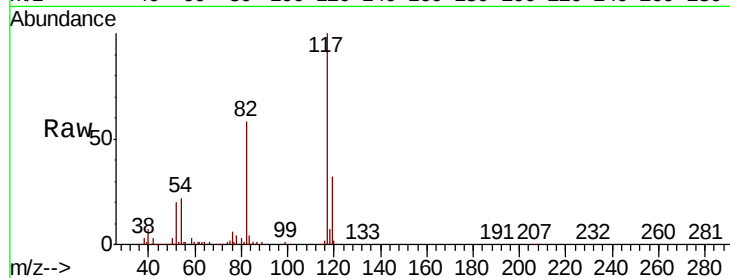
Tot Ion:117 Resp: 601296

Ion Ratio Lower Upper

117 100

82 57.6 45.8 68.8

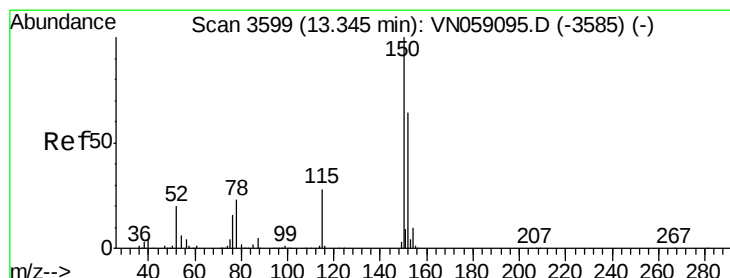
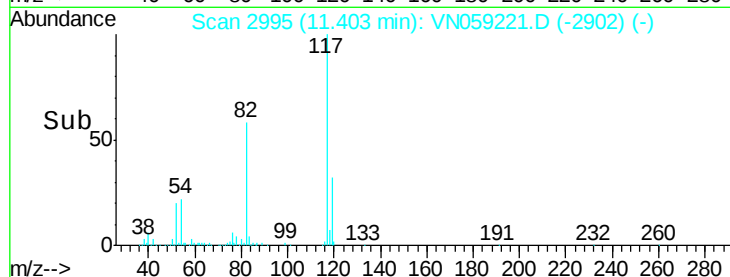
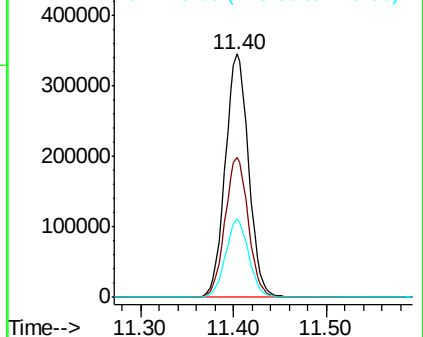
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059221.D

Acq: 14 Nov 2019 10:35

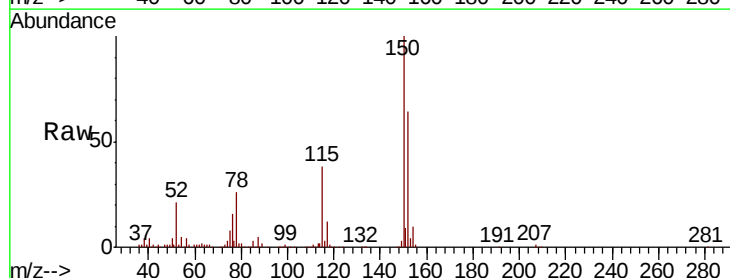
Tgt Ion:152 Resp: 211047

Ion Ratio Lower Upper

152 100

115 59.4 29.4 88.2

150 158.0 0.0 345.8



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

