

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059029.D
 Acq On : 31 Oct 2019 11:20
 Operator : JC/SP
 Sample : PB124436TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124436TB

Quant Time: Nov 01 00:44:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

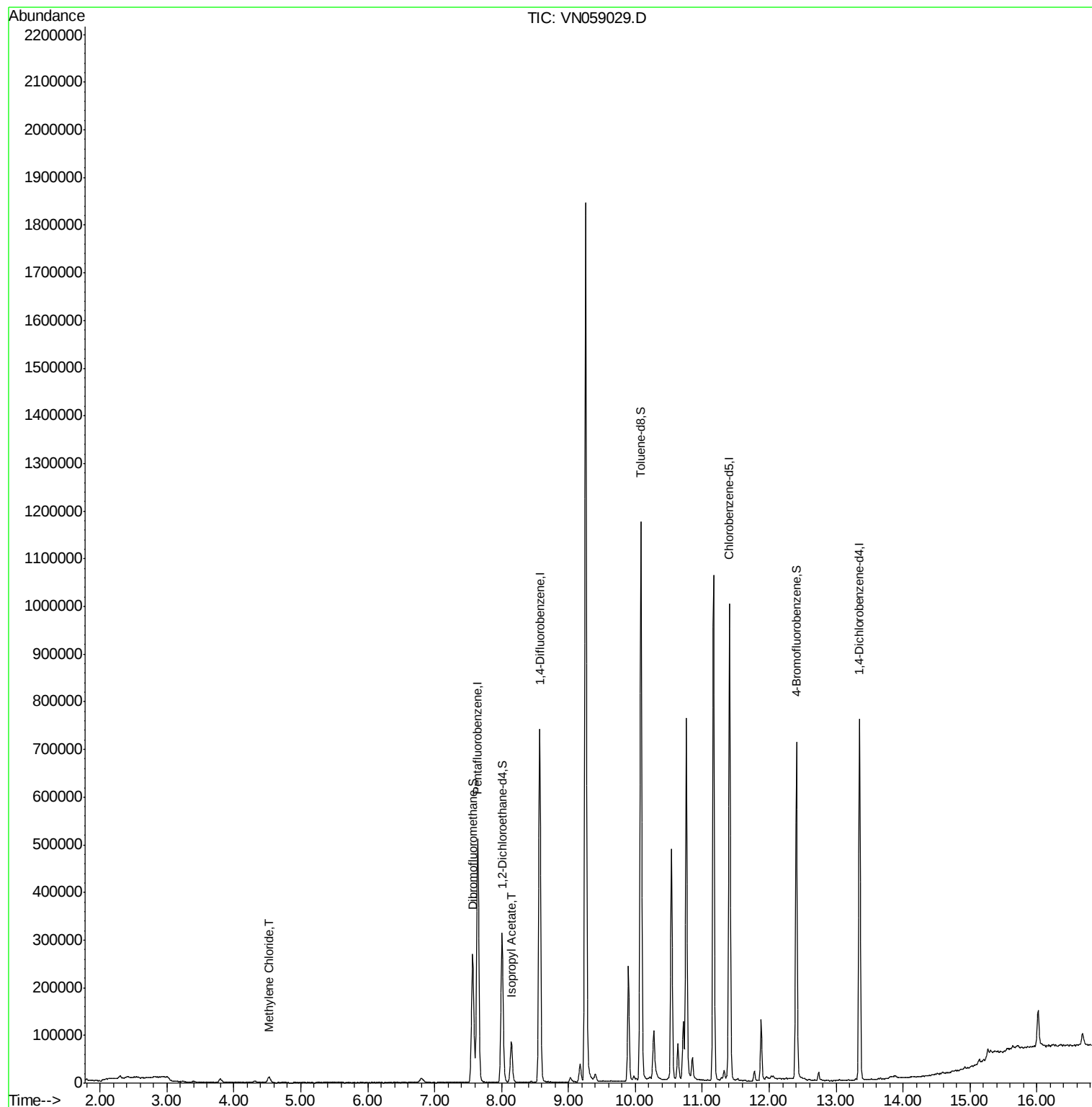
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	410198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	646602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	200186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	276480	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
35) Dibromofluoromethane	7.57	113	207080	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	10.08	98	809944	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.41	95	251821	41.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.10%	
Target Compounds						
20) Methylene Chloride	4.52	84	8673	1.709	ug/l	97
43) Isopropyl Acetate	8.15	43	100870	8.720	ug/l	93

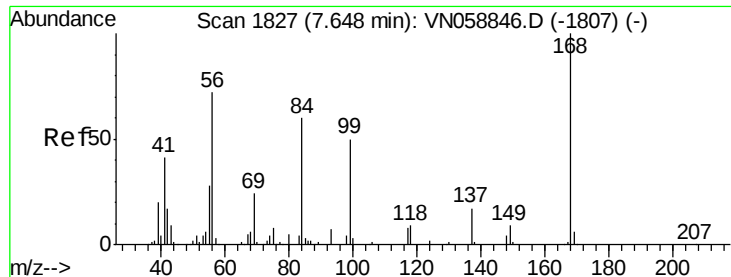
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
Data File : VN059029.D
Acq On : 31 Oct 2019 11:20
Operator : JC/SP
Sample : PB124436TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB124436TB

Quant Time: Nov 01 00:44:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 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: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

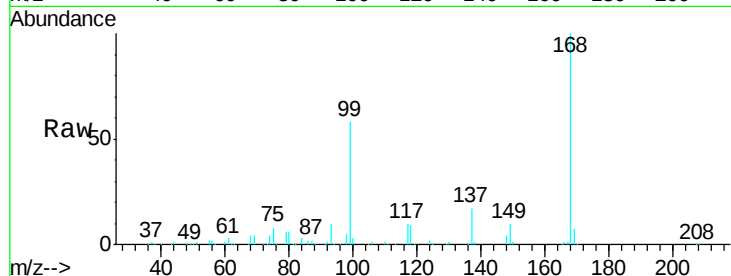
PB124436TB

Tgt Ion: 168 Resp: 410198

Ion Ratio Lower Upper

168 100

99 58.5 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

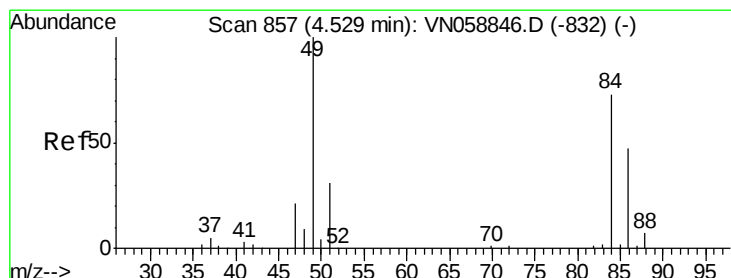
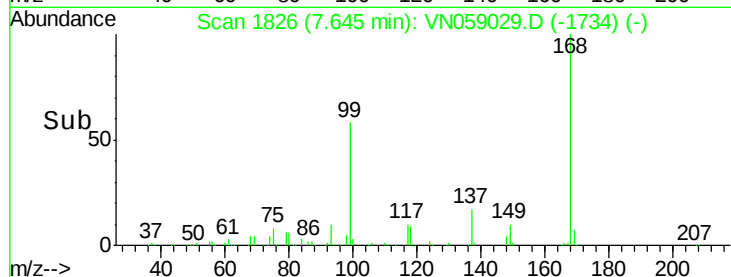
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.709 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.01 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Tgt Ion: 84 Resp: 8673

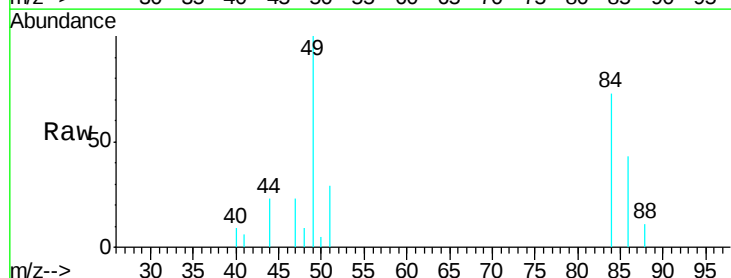
Ion Ratio Lower Upper

84 100

49 137.6 109.6 164.4

51 39.4 33.8 50.6

86 59.4 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

6000

5000

4000

3000

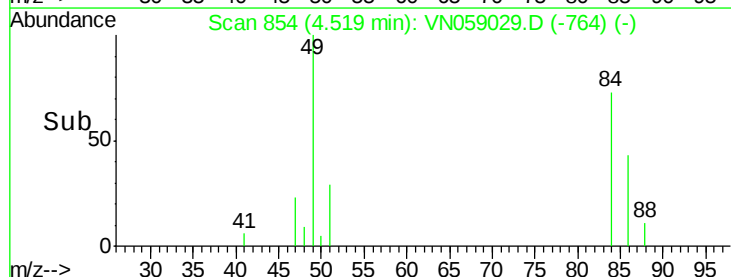
2000

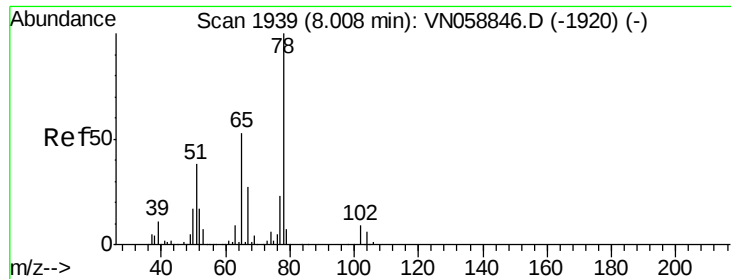
1000

0

4.45 4.50 4.55 4.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.956 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

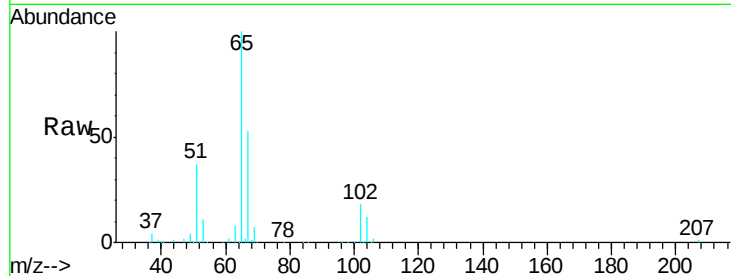
PB124436TB

Tgt Ion: 65 Resp: 276480

Ion Ratio Lower Upper

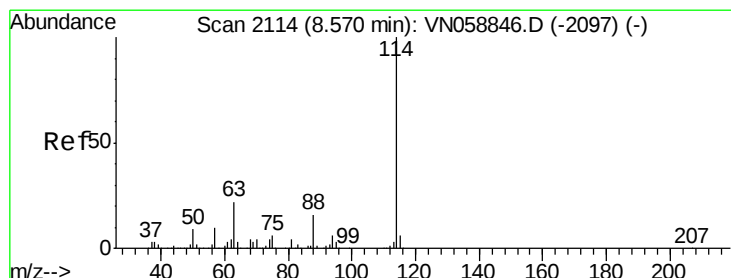
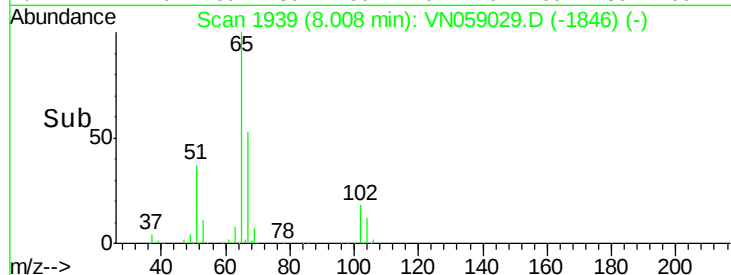
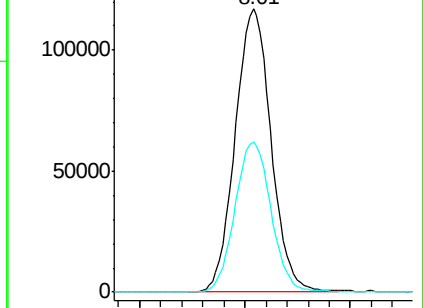
65 100

67 53.5 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

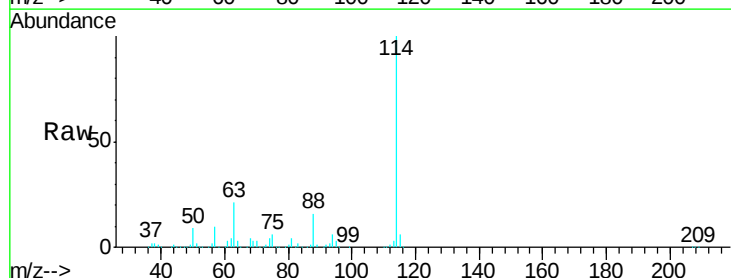
Tgt Ion: 114 Resp: 646602

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.4

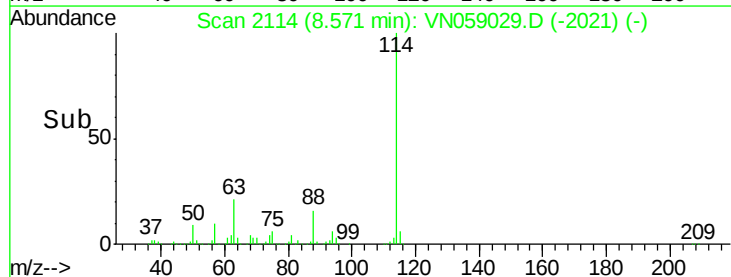
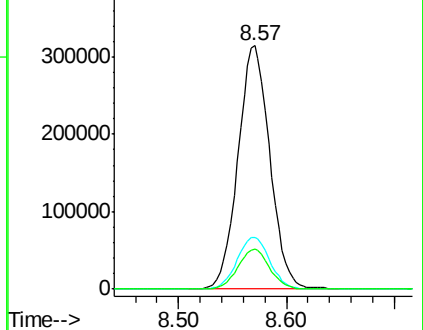
88 16.5 0.0 31.4

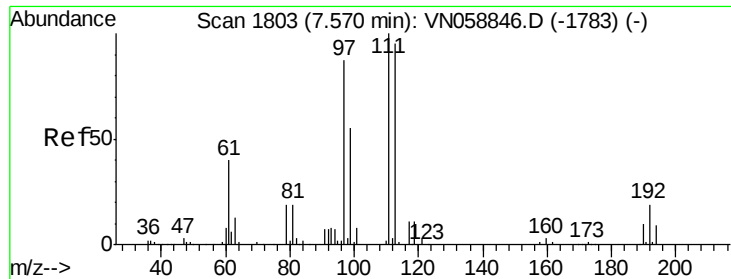


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VNO

Ion 87.90 (87.60 to 88.60): VNO

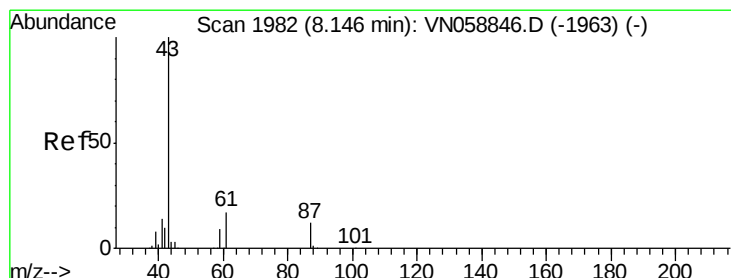
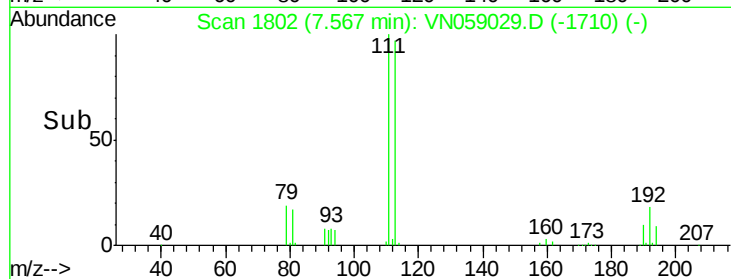
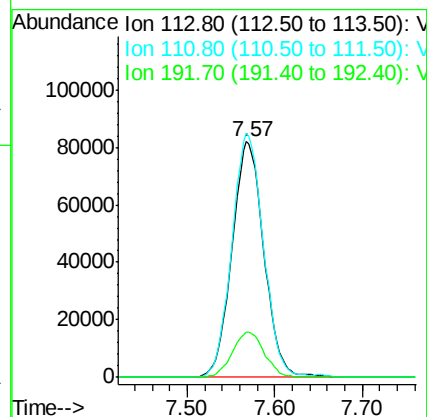
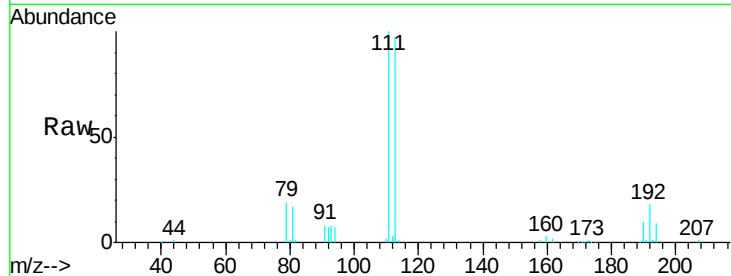




#35
 Dibromofluoromethane
 Concen: 48.710 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059029.D
 Acq: 31 Oct 2019 11:20

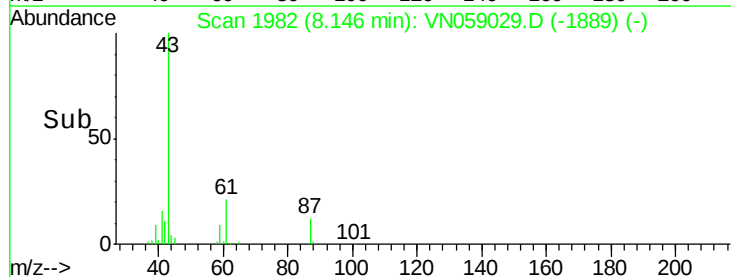
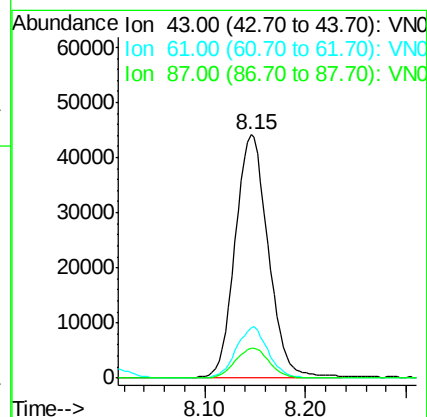
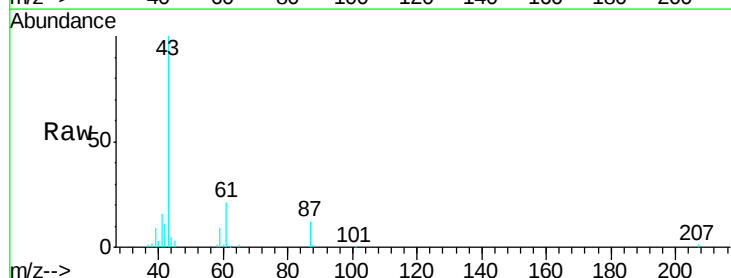
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124436TB

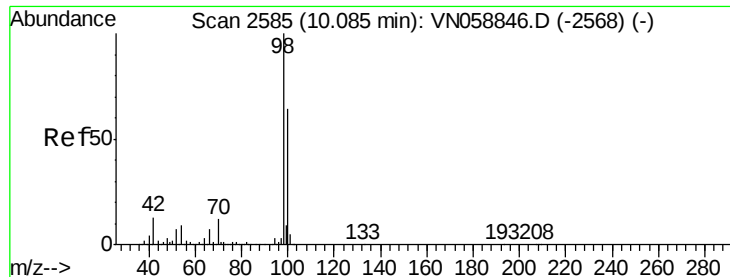
Tgt Ion: 113 Resp: 207080
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 19.4 15.0 22.6



#43
 Isopropyl Acetate
 Concen: 8.720 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059029.D
 Acq: 31 Oct 2019 11:20

Tgt Ion: 43 Resp: 100870
 Ion Ratio Lower Upper
 43 100
 61 20.2 20.2 30.2
 87 12.4 9.5 14.3





#50

Toluene-d8

Concen: 49.079 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

Instrument :

MSVOA_N

ClientSampleId :

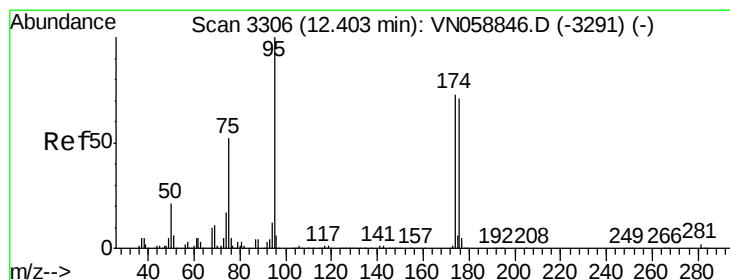
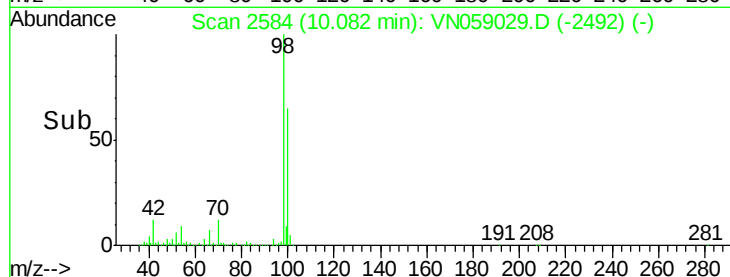
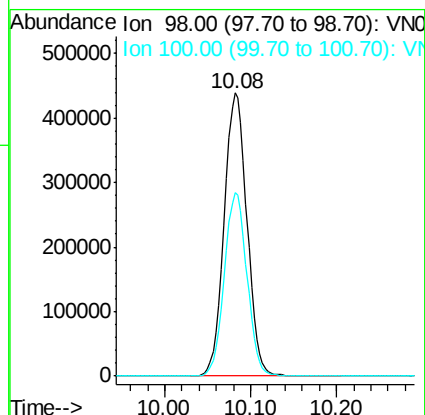
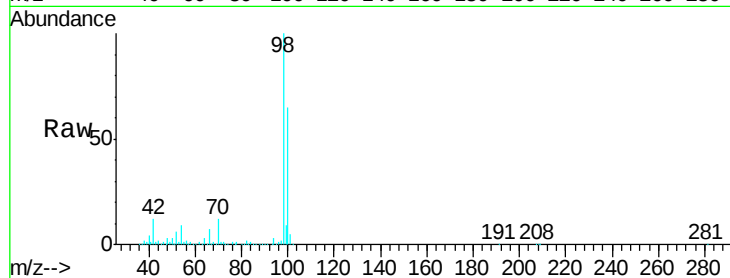
PB124436TB

Tgt Ion: 98 Resp: 809944

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 41.553 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN059029.D

Acq: 31 Oct 2019 11:20

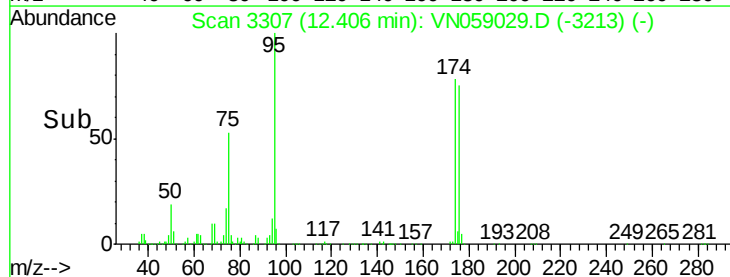
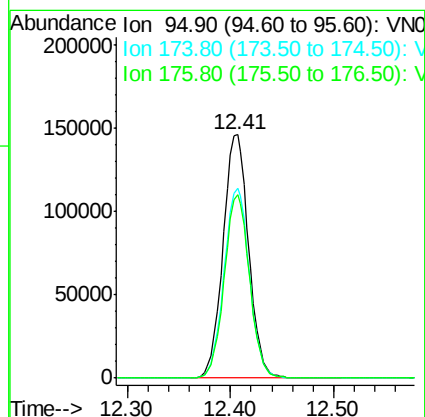
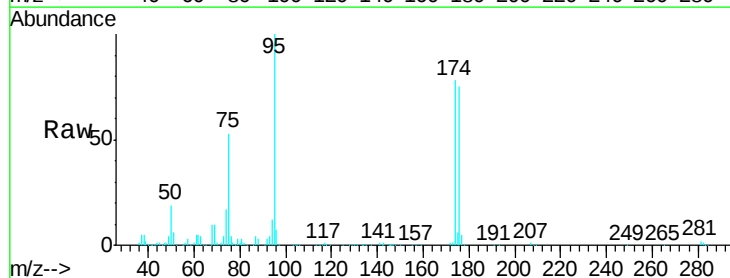
Tgt Ion: 95 Resp: 251821

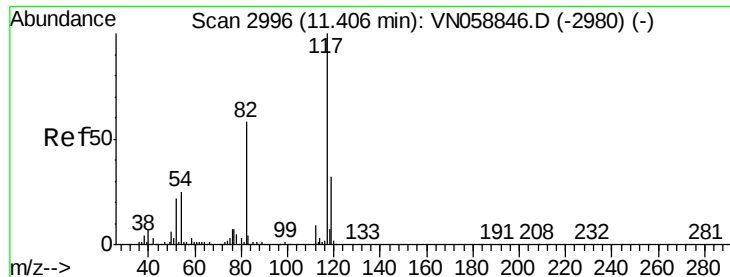
Ion Ratio Lower Upper

95 100

174 77.5 0.0 147.6

176 74.3 0.0 143.2

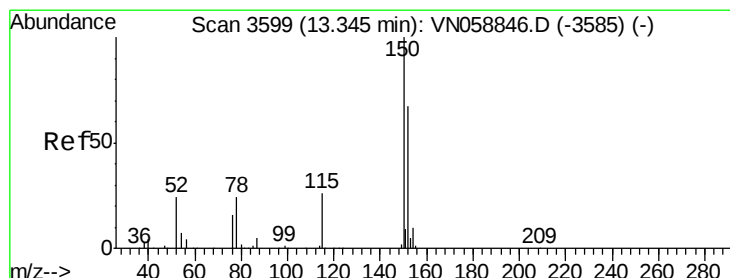
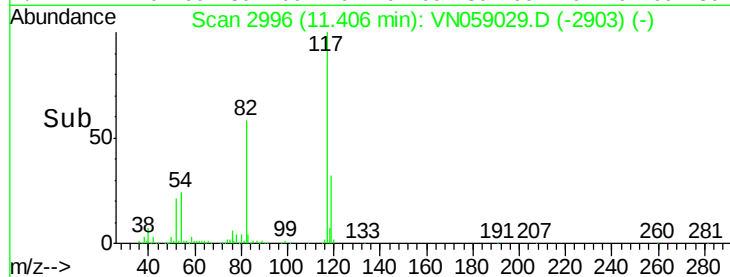
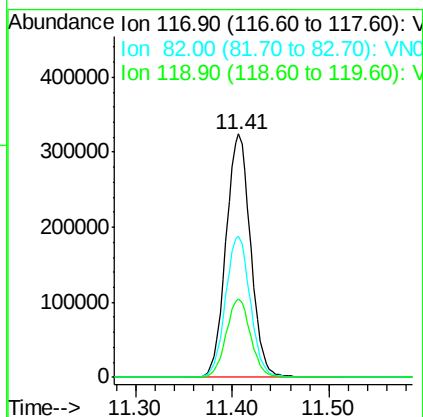
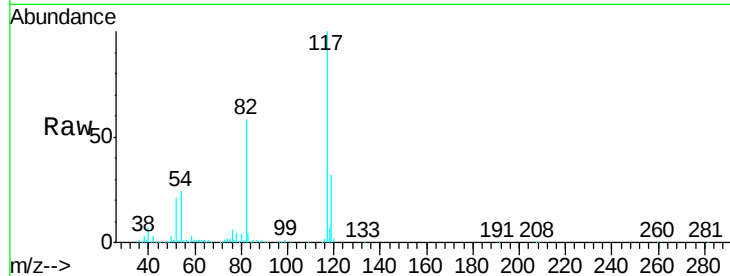




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

Instrument :
MSVOA_N
ClientSampled :
PB124436TB

Tgt Ion:117 Resp: 572615
Ion Ratio Lower Upper
117 100
82 58.3 46.6 69.8
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059029.D
Acq: 31 Oct 2019 11:20

Tgt Ion:152 Resp: 200186
Ion Ratio Lower Upper
152 100
115 58.9 30.5 91.5
150 157.9 0.0 344.4

