

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059809.D
 Acq On : 21 Jan 2020 14:07
 Operator : JC/MD
 Sample : PB126227ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126227ZHE#10

Quant Time: Jan 22 03:29:02 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

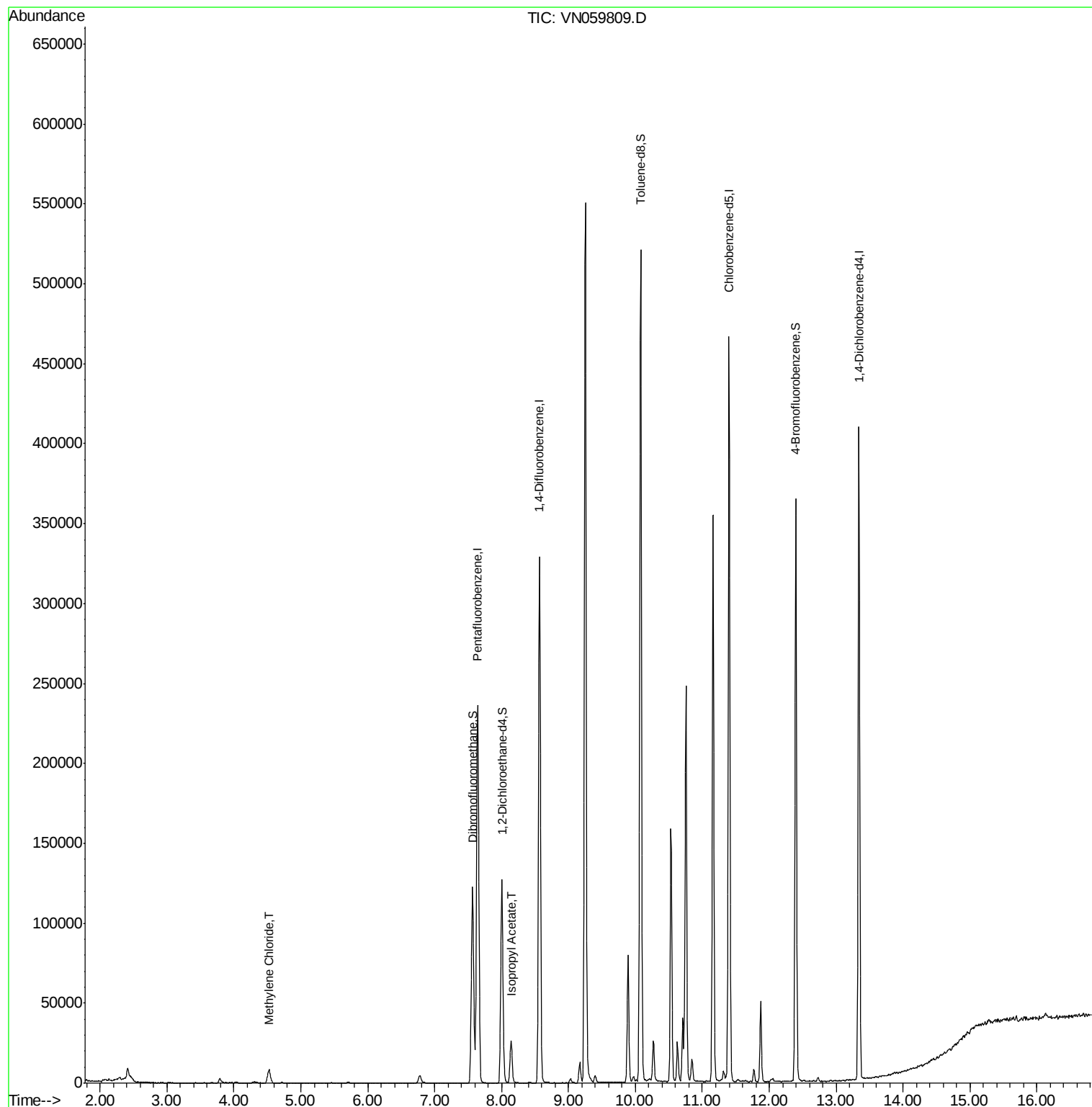
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	311392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	274205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	107872	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
35) Dibromofluoromethane	7.57	113	93439	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	10.08	98	363105	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	121444	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
Target Compounds						
20) Methylene Chloride	4.53	84	6822	2.044	ug/l #	82
43) Isopropyl Acetate	8.14	43	31681	7.242	ug/l #	91

(#) = 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: VN059809.D

Acq: 21 Jan 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

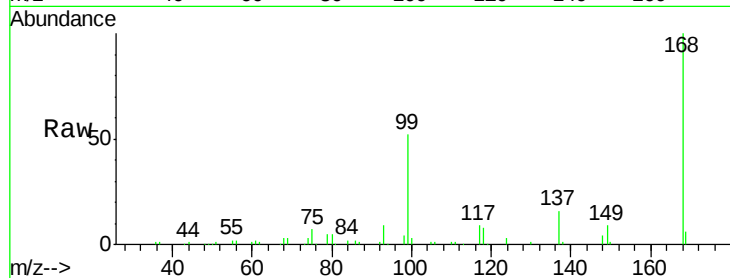
PB126227ZHE#10

Tot Ion:168 Resp: 206662

Ion Ratio Lower Upper

168 100

99 52.5 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

80000

60000

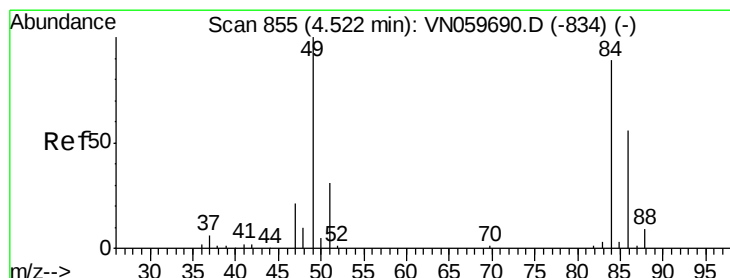
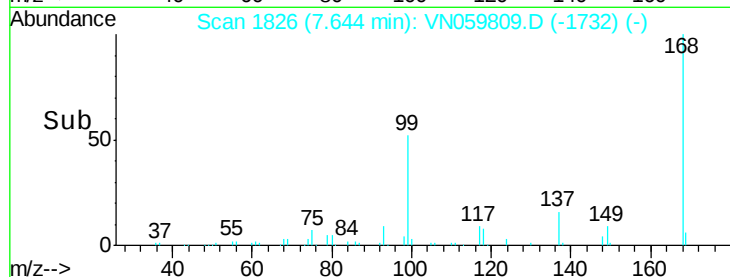
40000

20000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 2.044 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059809.D

Acq: 21 Jan 2020 14:07

Tgt Ion: 84 Resp: 6822

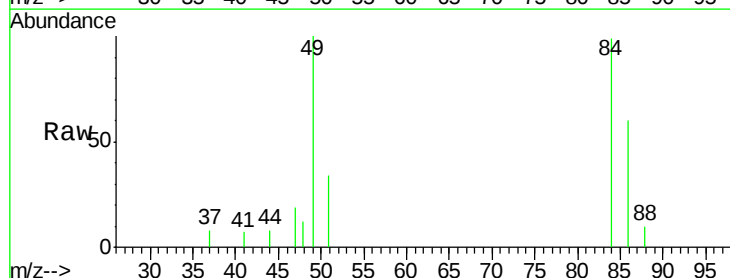
Ion Ratio Lower Upper

84 100

49 100.7 106.6 160.0#

51 34.3 31.9 47.9

86 60.1 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

4.53

3000

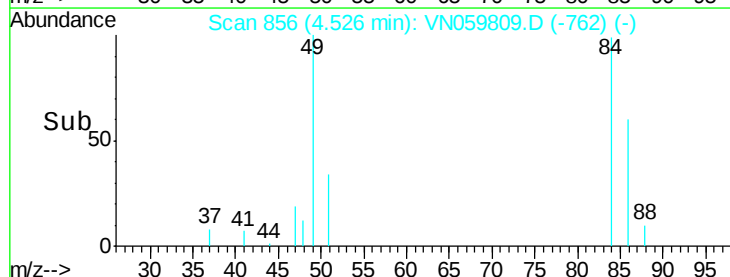
2000

1000

0

4.45 4.50 4.55 4.60

Time-->

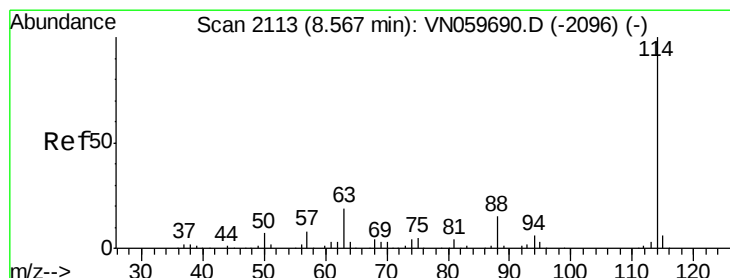
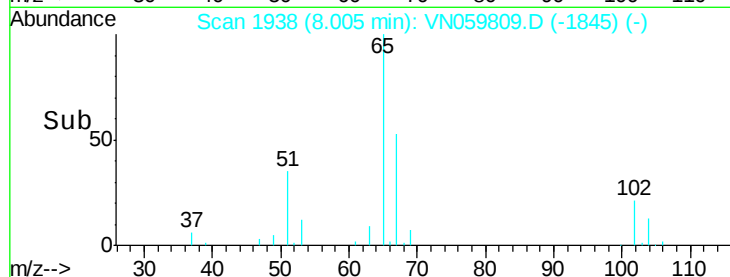
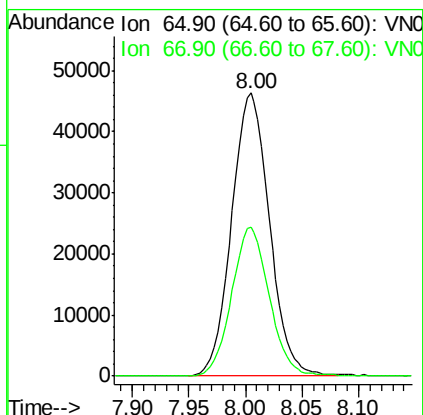
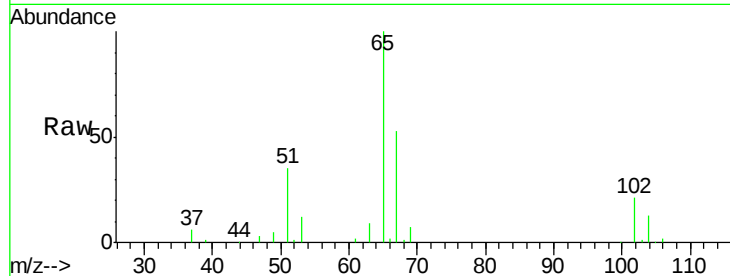




#33
 1,2-Dichloroethane-d4
 Concen: 47.002 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059809.D
 Acq: 21 Jan 2020 14:07

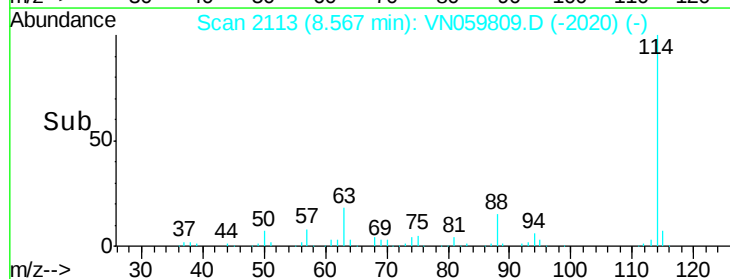
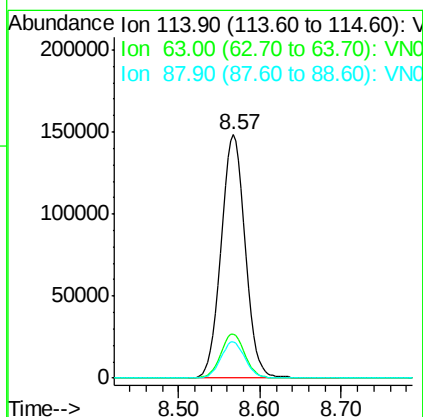
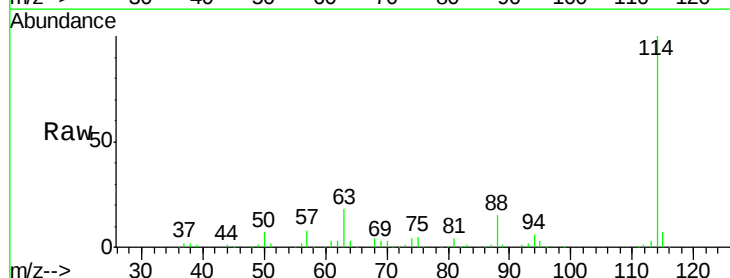
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126227ZHE#10

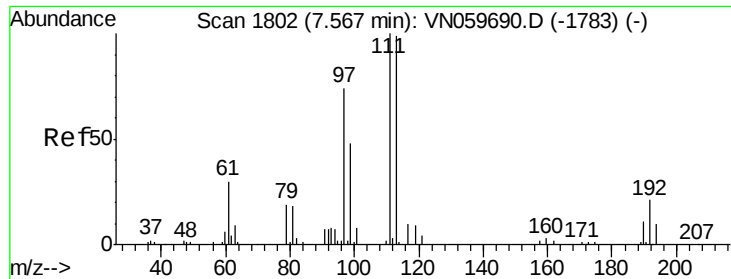
Tot Ion: 65 Resp: 107872
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059809.D
 Acq: 21 Jan 2020 14:07

Tgt Ion: 114 Resp: 311392
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 43.6
 88 14.8 0.0 31.4

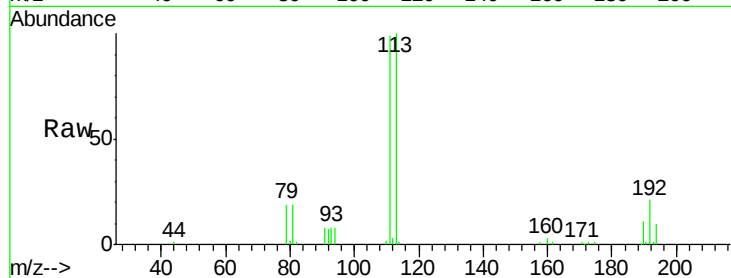




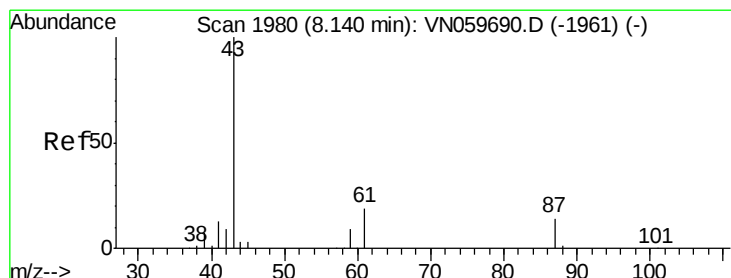
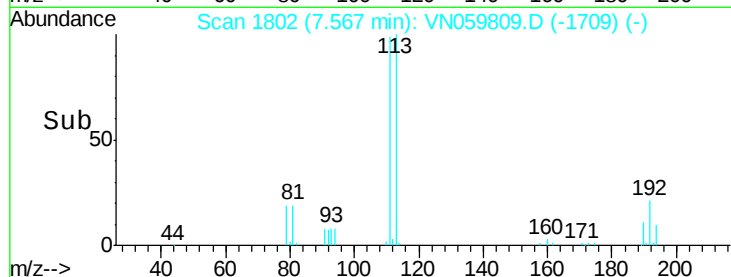
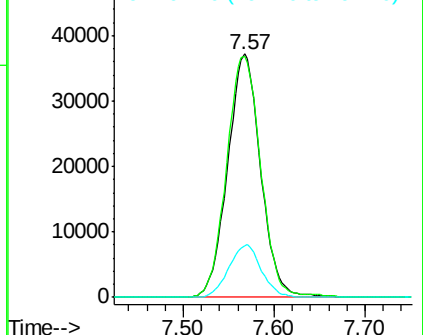
#35
 Dibromofluoromethane
 Concen: 50.318 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059809.D
 Acq: 21 Jan 2020 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126227ZHE#10

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.5	125.3
192	21.1	15.4	23.2

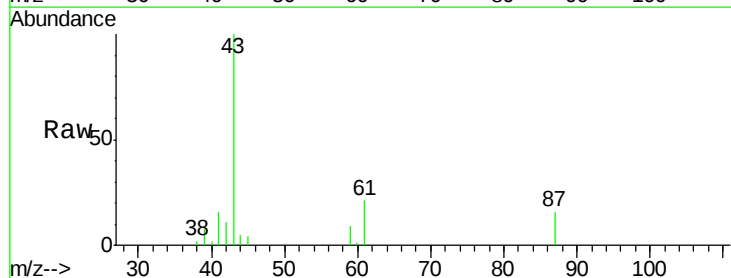


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

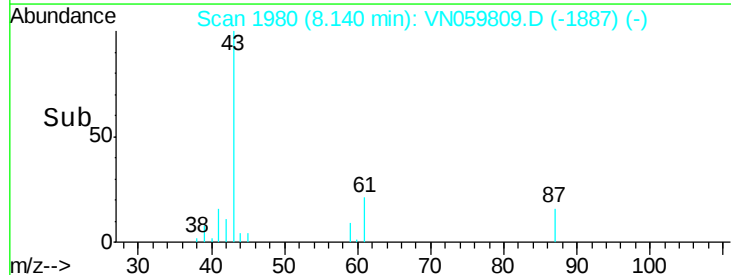
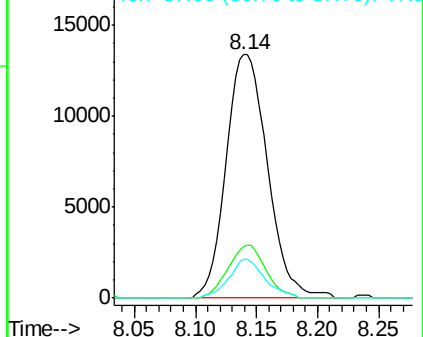


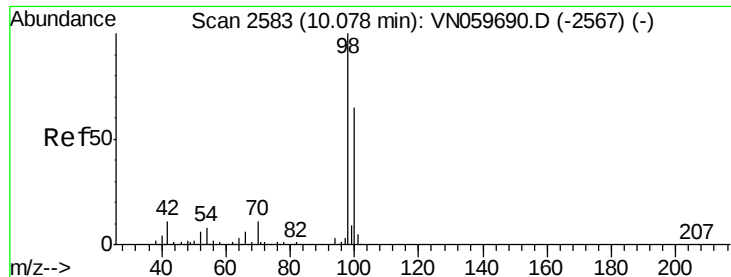
#43
 Isopropyl Acetate
 Concen: 7.242 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN059809.D
 Acq: 21 Jan 2020 14:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	20.2	30.2#
87	13.9	9.5	14.3



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.467 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059809.D

Acq: 21 Jan 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

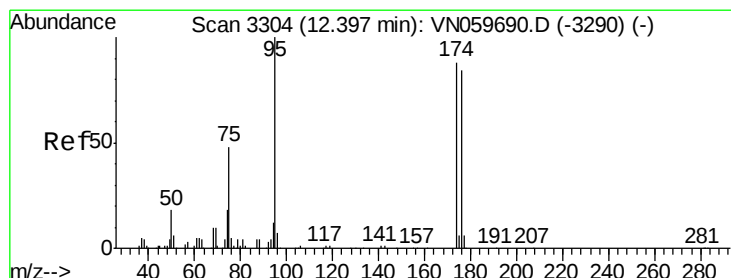
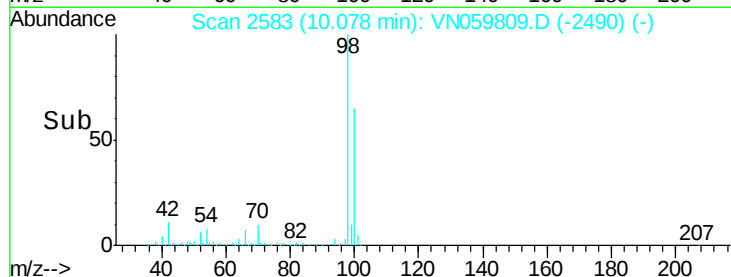
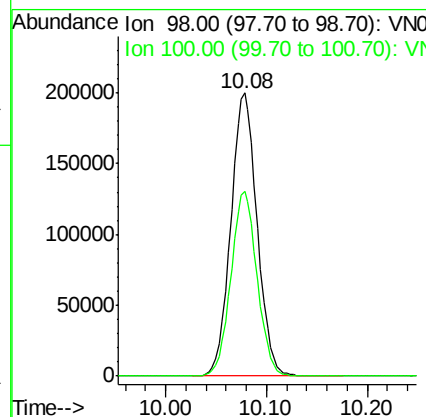
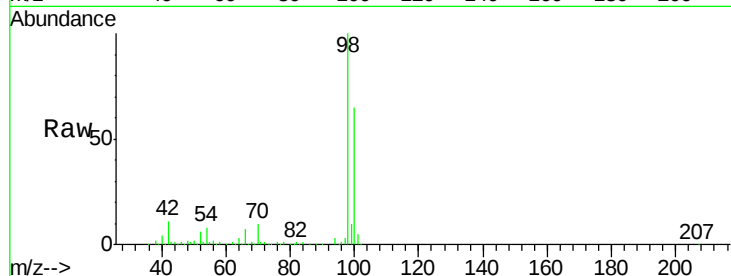
PB126227ZHE#10

Tot Ion: 98 Resp: 363105

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.822 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059809.D

Acq: 21 Jan 2020 14:07

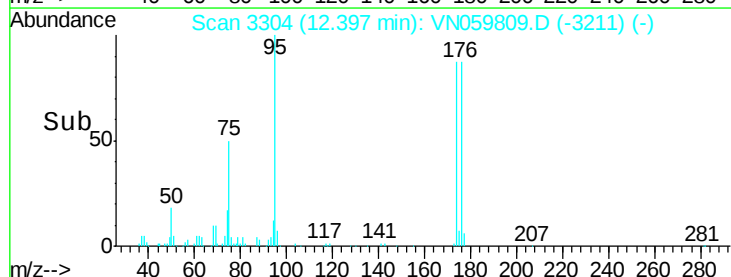
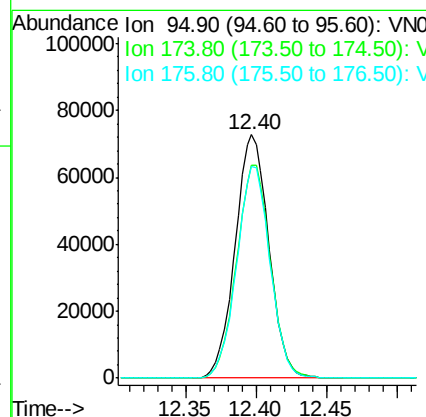
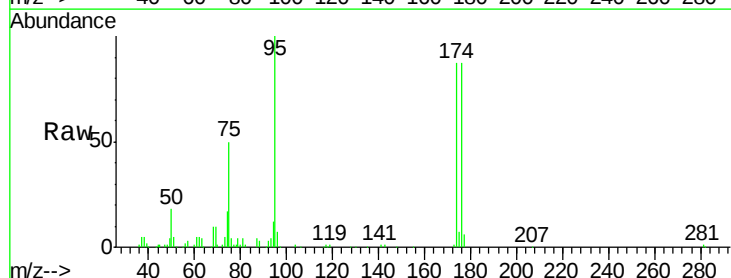
Tgt Ion: 95 Resp: 121444

Ion Ratio Lower Upper

95 100

174 88.2 0.0 151.4

176 86.4 0.0 146.0

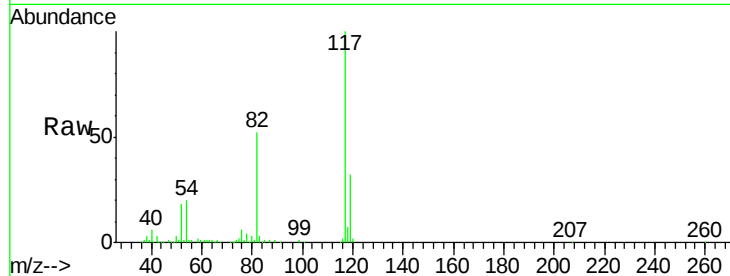




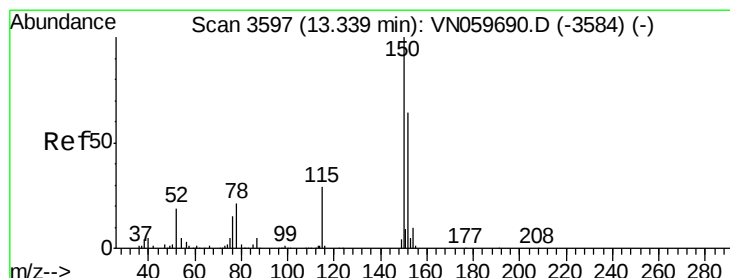
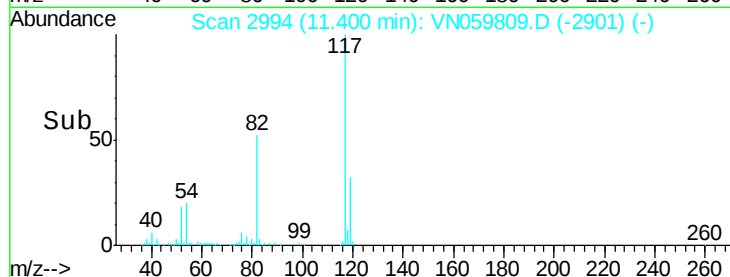
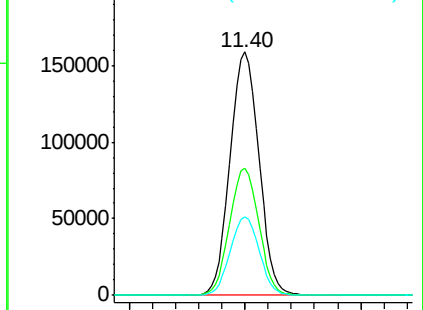
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059809.D
Acq: 21 Jan 2020 14:07

Instrument :
MSVOA_N
ClientSampleId :
PB126227ZHE#10

Tot Ion:117 Resp: 274205
Ion Ratio Lower Upper
117 100
82 52.4 45.9 68.9
119 32.3 25.5 38.3

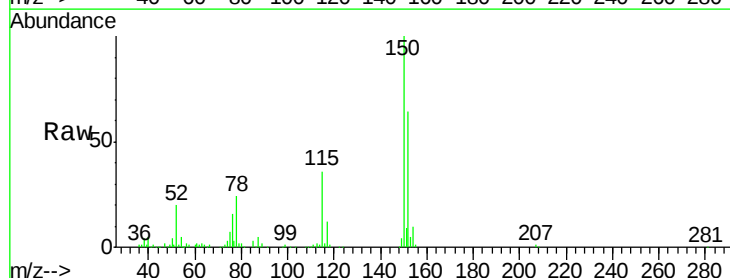


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059809.D
Acq: 21 Jan 2020 14:07

Tgt Ion:152 Resp: 113205
Ion Ratio Lower Upper
152 100
115 56.4 30.3 90.9
150 155.4 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

