

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030620\
 Data File : VN060384.D
 Acq On : 6 Mar 2020 16:36
 Operator : JC/MD
 Sample : PB127296ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127296ZHE#03

Quant Time: Mar 07 04:12:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

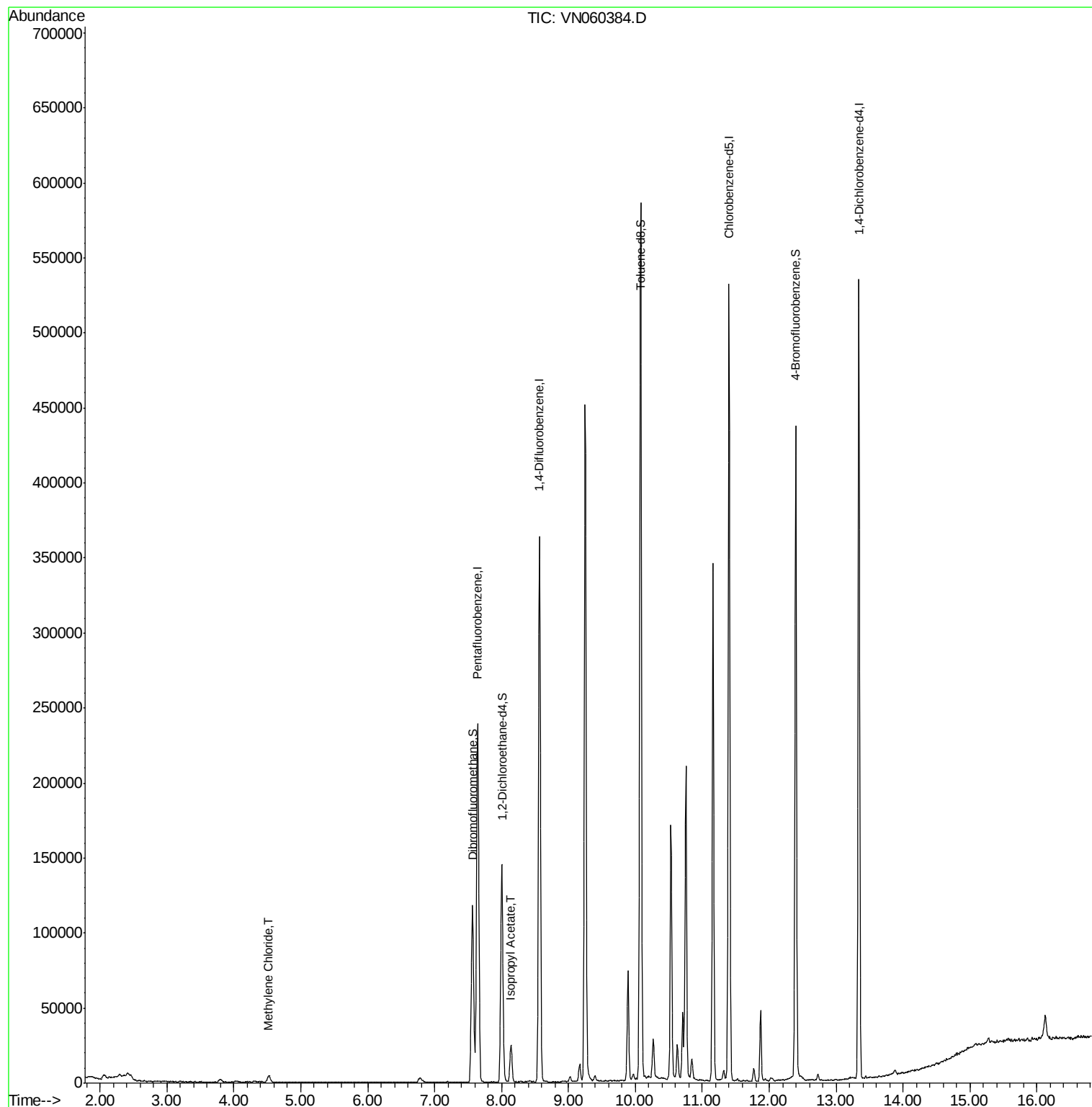
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	323114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125672	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	7.57	113	89732	59.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.66%	
50) Toluene-d8	10.08	98	397665	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.40	95	148299	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
Target Compounds						
20) Methylene Chloride	4.53	84	3635	1.623	ug/l	97
43) Isopropyl Acetate	8.14	43	29341	5.748	ug/l #	90

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

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060384.D

Acq: 6 Mar 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

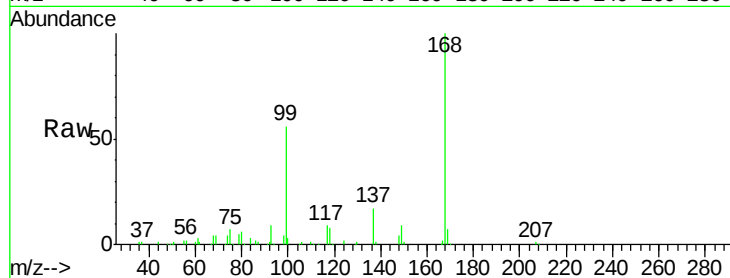
PB127296ZHE#03

Tot Ion:168 Resp: 196781

Ion Ratio Lower Upper

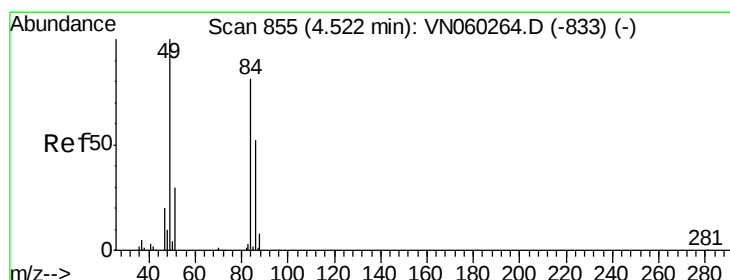
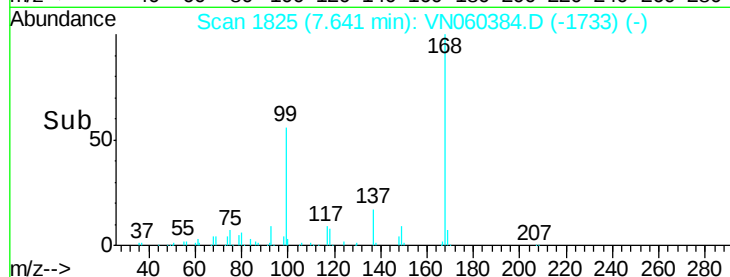
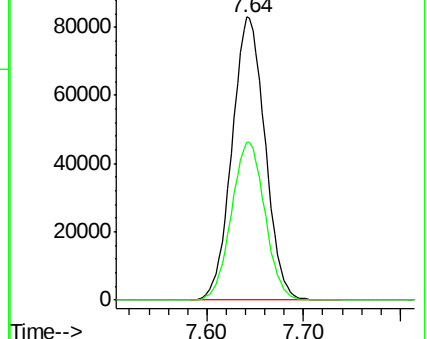
168 100

99 55.8 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.623 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060384.D

Acq: 6 Mar 2020 16:36

Tgt Ion: 84 Resp: 3635

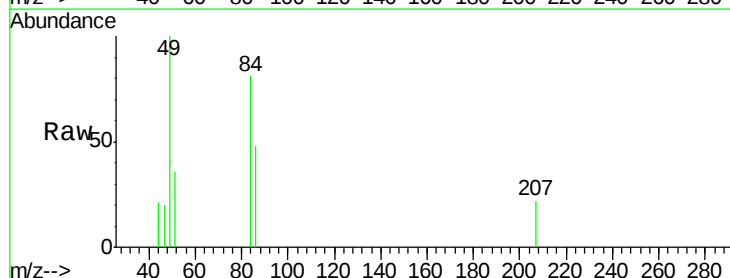
Ion Ratio Lower Upper

84 100

49 123.9 99.3 148.9

51 44.4 30.1 45.1

86 60.0 51.1 76.7

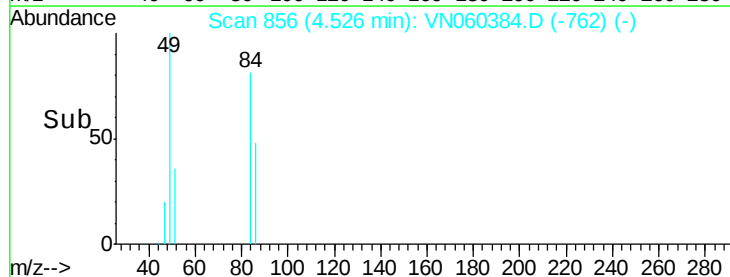
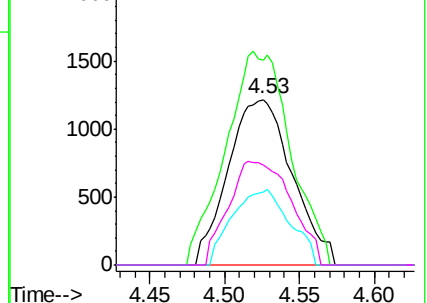


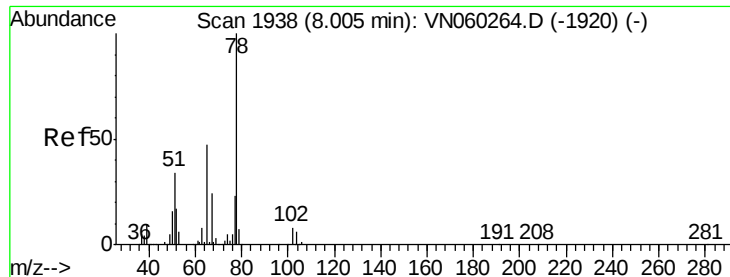
Abundance Ion 83.90 (83.60 to 84.60): VNO

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





#33

1,2-Dichloroethane-d4

Concen: 49.776 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060384.D

Acq: 6 Mar 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

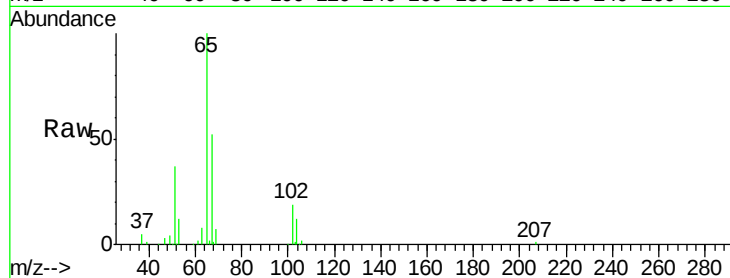
PB127296ZHE#03

Tot Ion: 65 Resp: 125672

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN060384.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060384.D (-1845) (-)

8.00

60000

50000

40000

30000

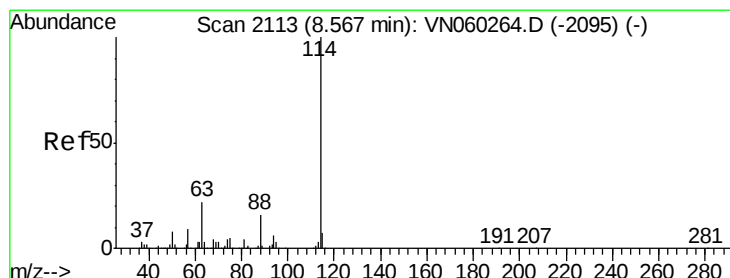
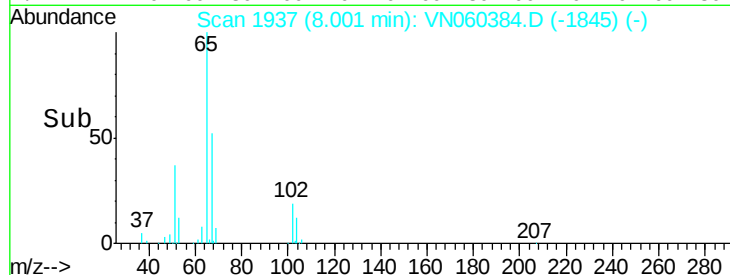
20000

10000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060384.D

Acq: 6 Mar 2020 16:36

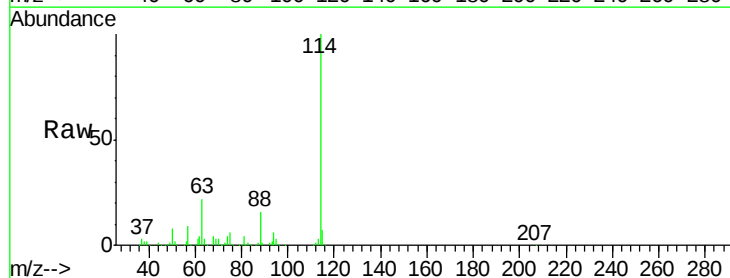
Tgt Ion: 114 Resp: 323114

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN060384.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060384.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060384.D (-2020) (-)

8.57

200000

150000

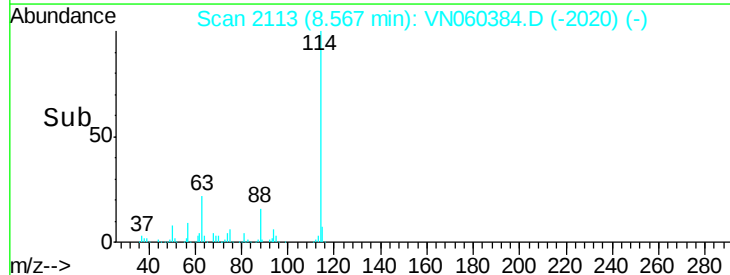
100000

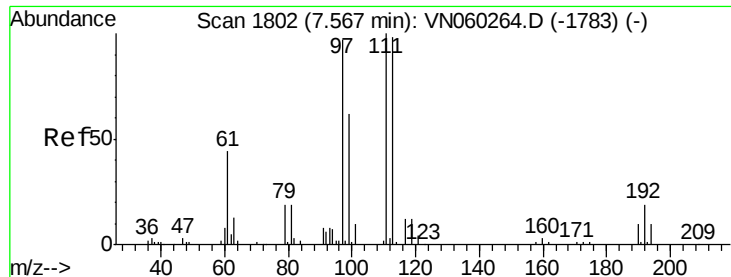
50000

0

8.50 8.60 8.70

Time-->

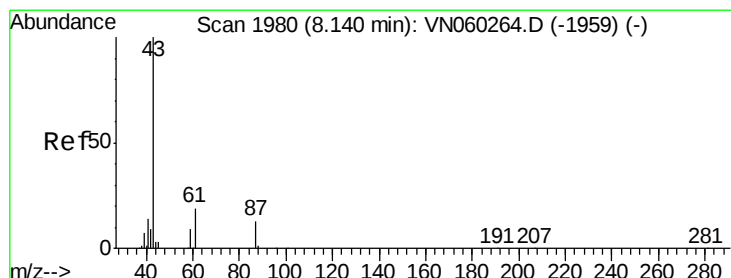
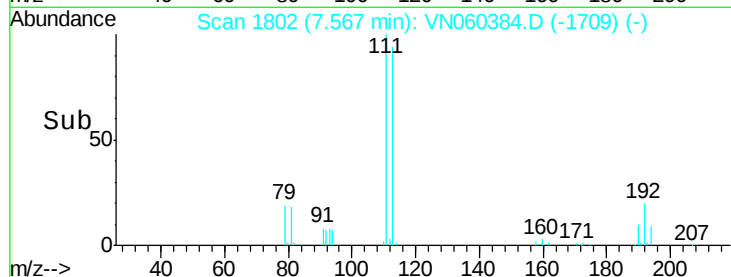
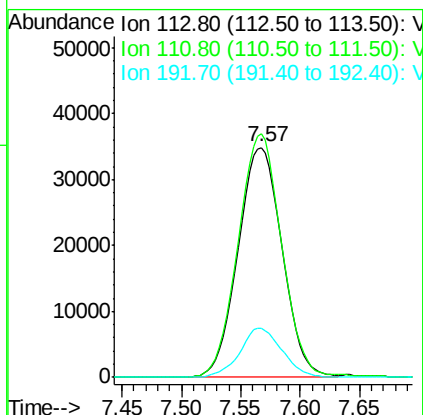
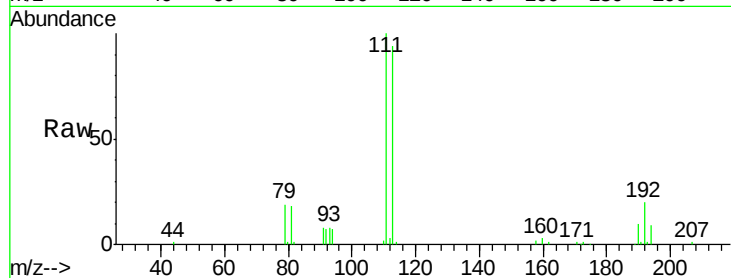




#35
 Dibromofluoromethane
 Concen: 59.830 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060384.D
 Acq: 6 Mar 2020 16:36

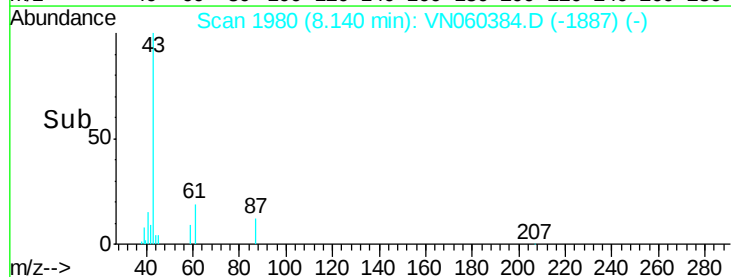
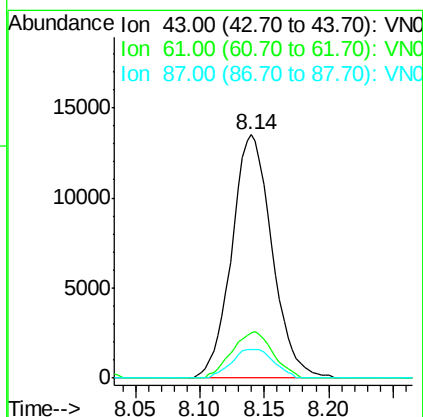
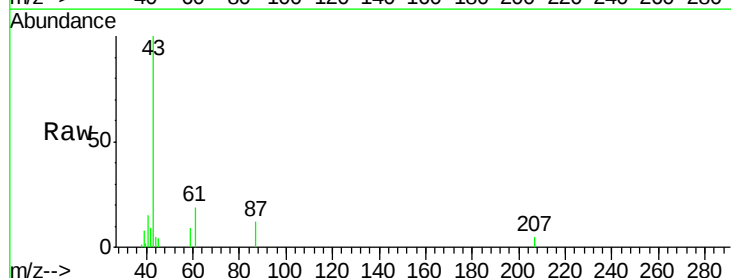
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127296ZHE#03

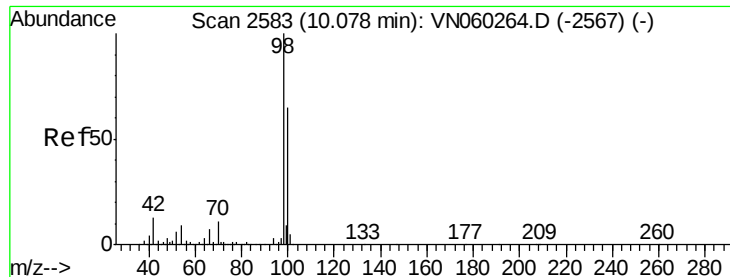
Tot Ion:113 Resp: 89732
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.4 123.6
 192 20.3 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 5.748 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060384.D
 Acq: 6 Mar 2020 16:36

Tgt Ion: 43 Resp: 29341
 Ion Ratio Lower Upper
 43 100
 61 19.3 20.9 31.3#
 87 12.3 10.6 16.0





#50

Toluene-d8

Concen: 52.389 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060384.D

Acq: 6 Mar 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

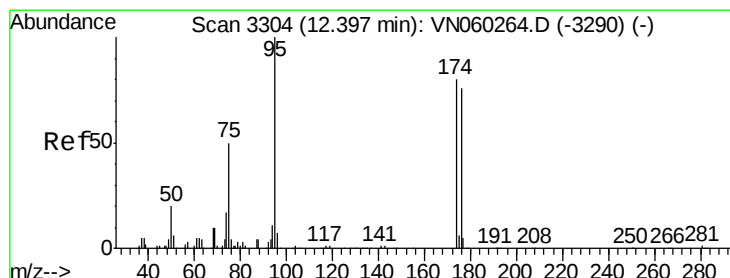
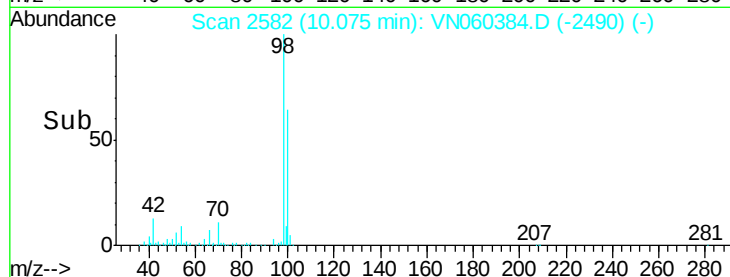
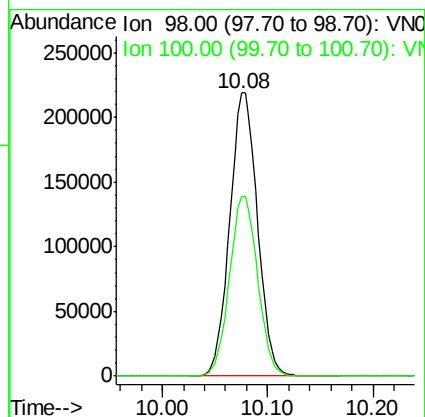
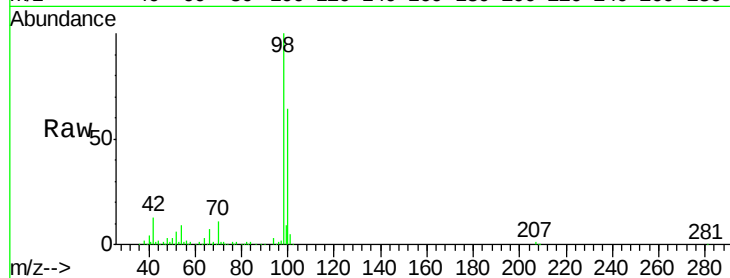
PB127296ZHE#03

Tot Ion: 98 Resp: 397665

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.539 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060384.D

Acq: 6 Mar 2020 16:36

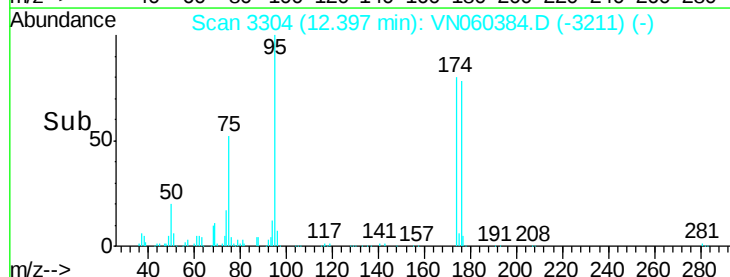
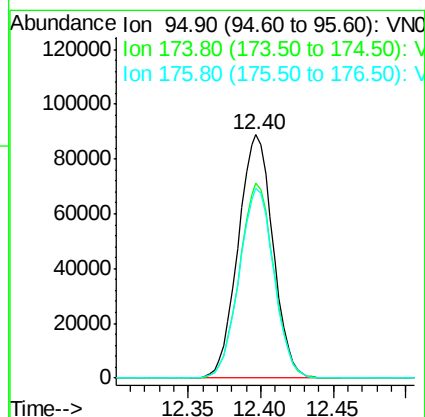
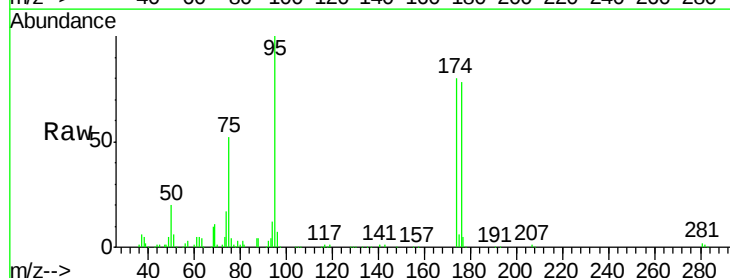
Tgt Ion: 95 Resp: 148299

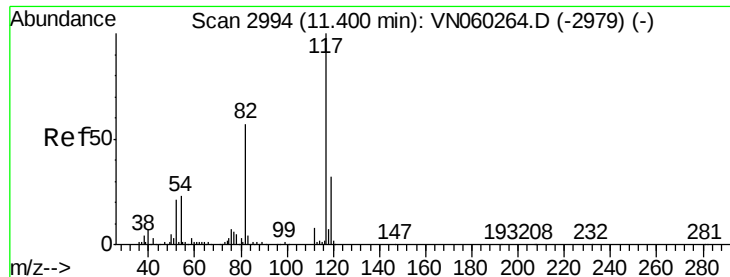
Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.2

176 77.6 0.0 153.8

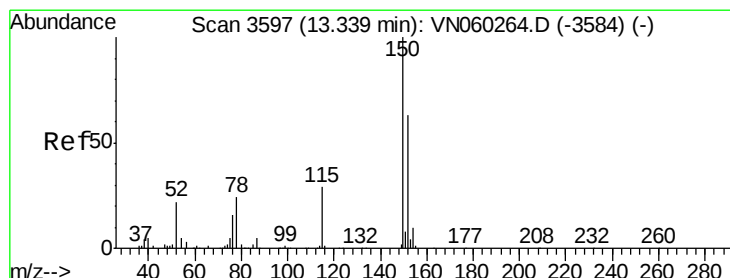
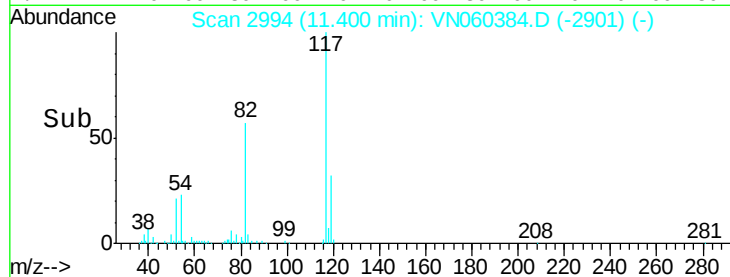
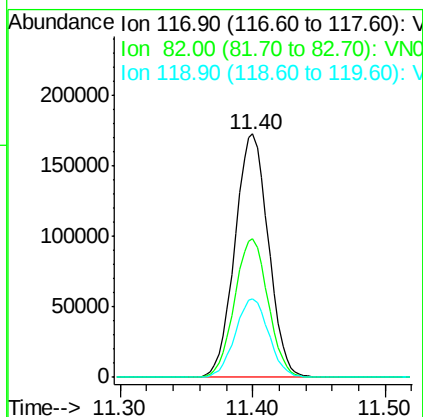
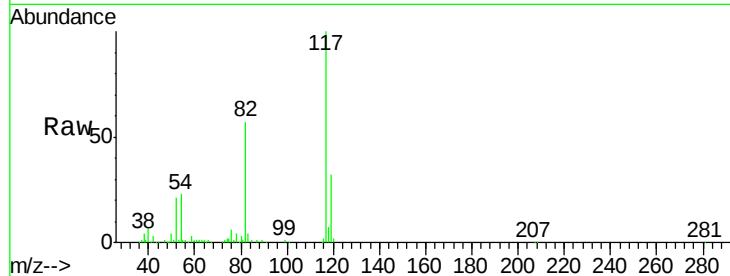




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060384.D
Acq: 6 Mar 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB127296ZHE#03

Tot Ion:117 Resp: 302400
Ion Ratio Lower Upper
117 100
82 56.8 45.8 68.6
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060384.D
Acq: 6 Mar 2020 16:36

Tgt Ion:152 Resp: 141075
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 156.7 0.0 349.6

