

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN060000.D
 Acq On : 4 Feb 2020 17:27
 Operator : JC/MD
 Sample : PB126559ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126559ZHE#13

Quant Time: Feb 05 02:48:07 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

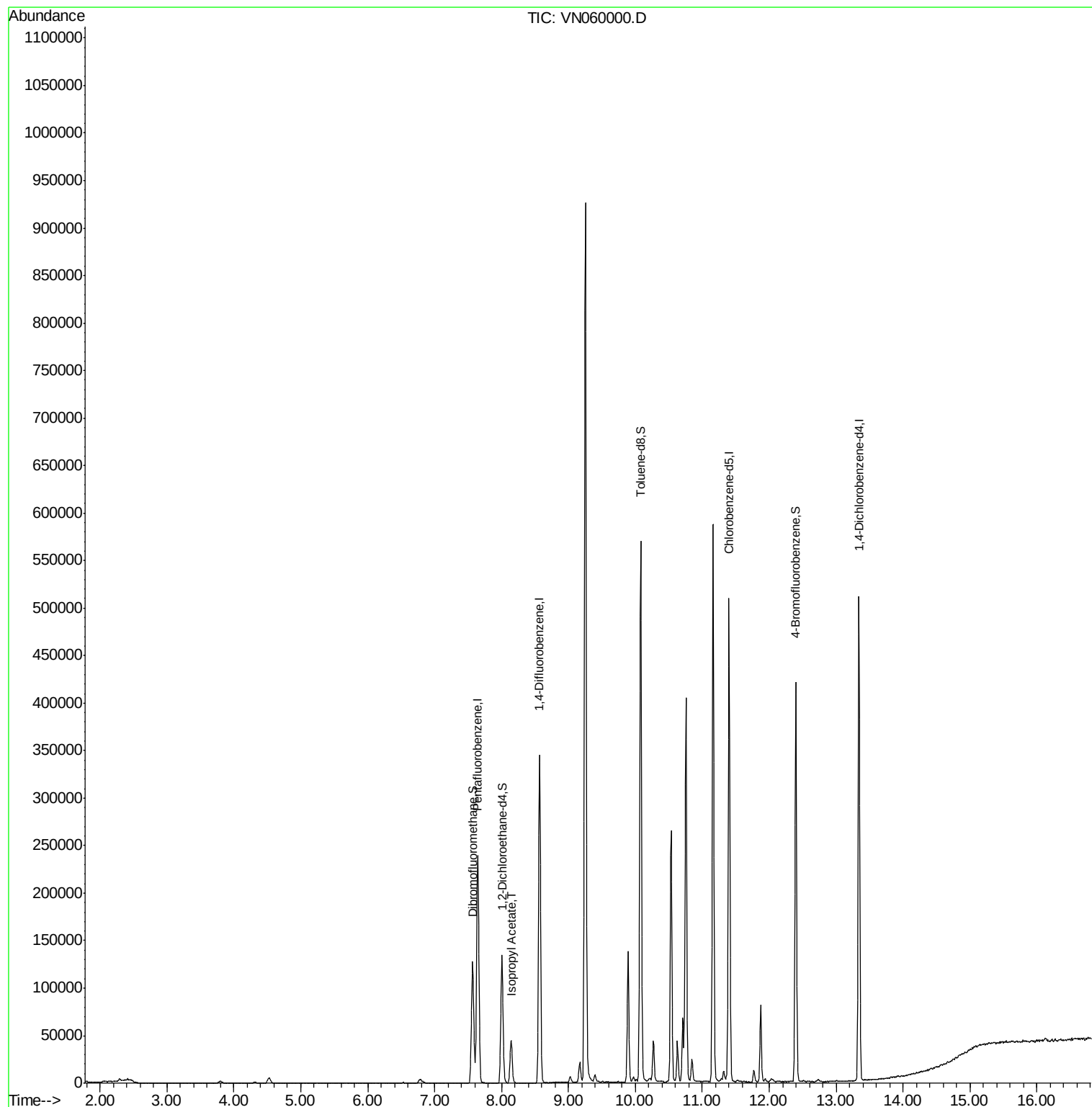
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	117897	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
35) Dibromofluoromethane	7.57	113	96138	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	10.08	98	382858	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.40	95	141117	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	54595	12.190	ug/l #	91

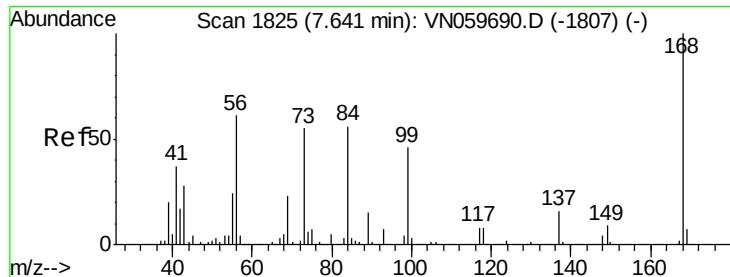
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060000.D

Acq: 4 Feb 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

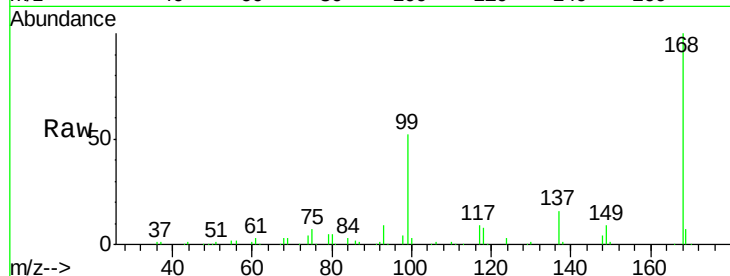
PB126559ZHE#13

Tot Ion:168 Resp: 204182

Ion Ratio Lower Upper

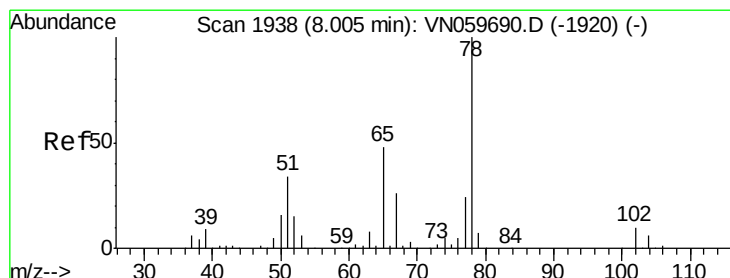
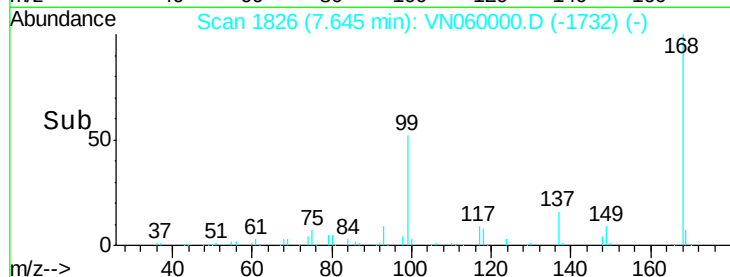
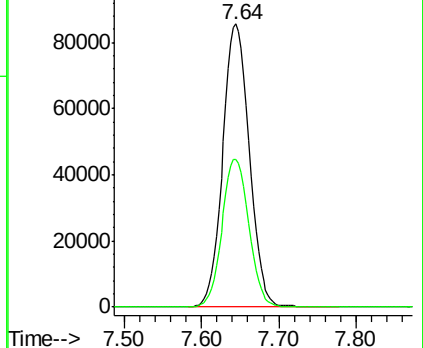
168 100

99 52.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 51.994 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060000.D

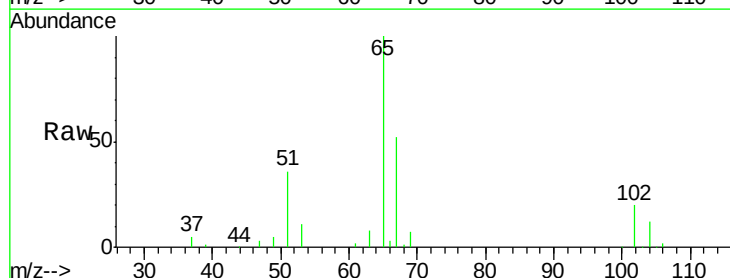
Acq: 4 Feb 2020 17:27

Tgt Ion: 65 Resp: 117897

Ion Ratio Lower Upper

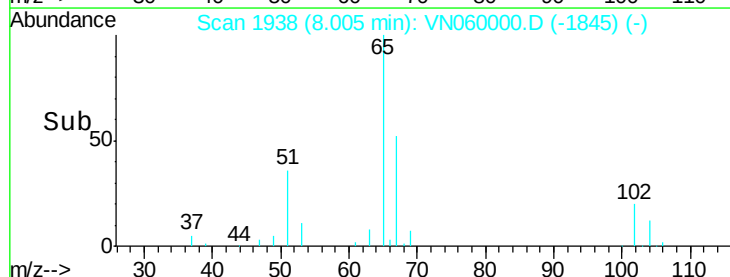
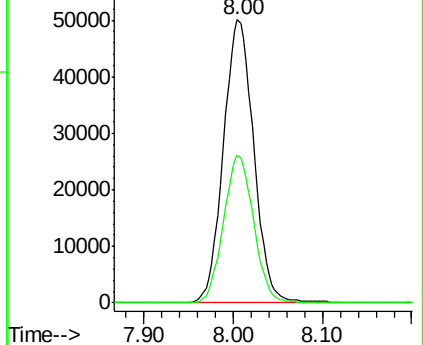
65 100

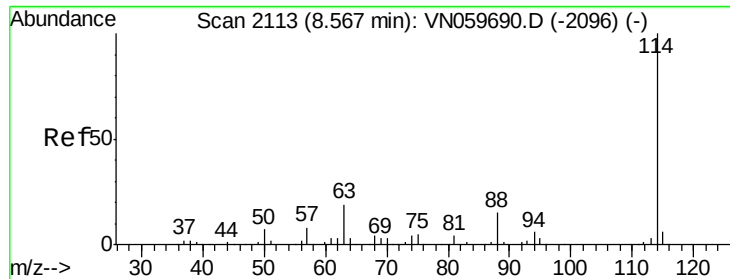
67 51.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

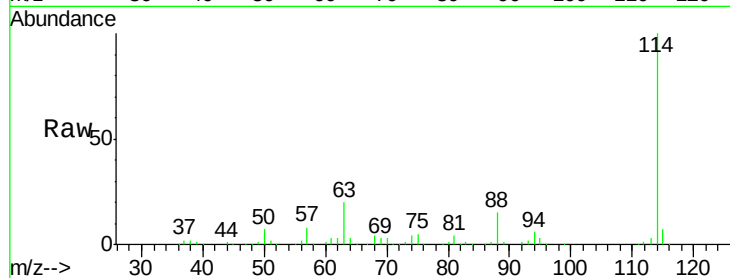




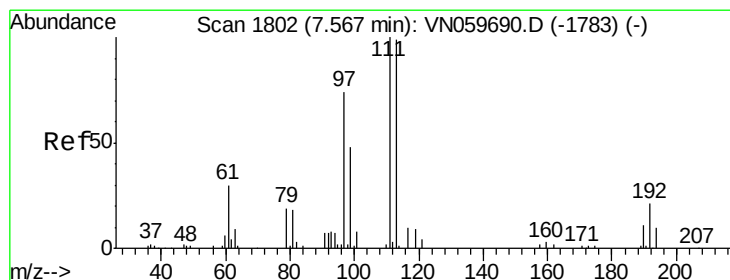
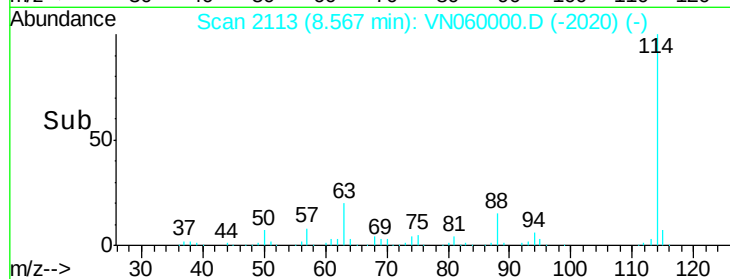
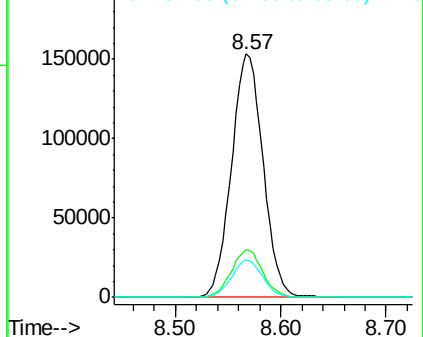
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060000.D
Acq: 4 Feb 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
PB126559ZHE#13

Tot Ion:114 Resp: 318785
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.6
88 15.3 0.0 31.4

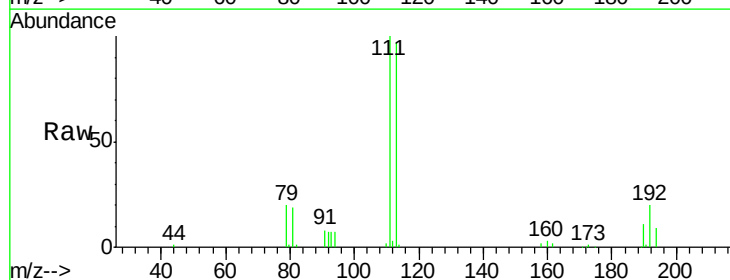


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

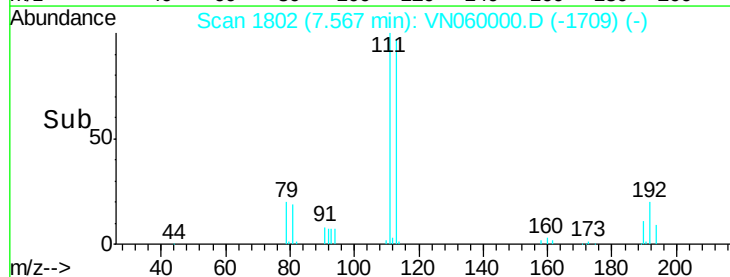
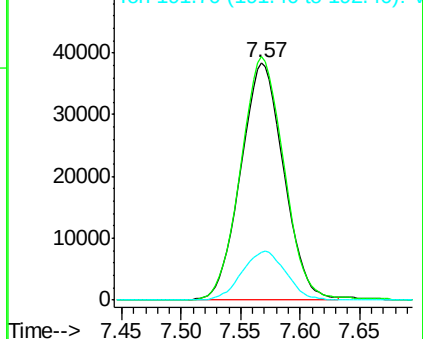


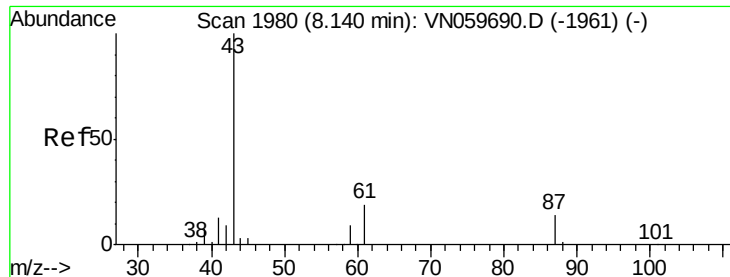
#35
Dibromofluoromethane
Concen: 50.571 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060000.D
Acq: 4 Feb 2020 17:27

Tgt Ion:113 Resp: 96138
Ion Ratio Lower Upper
113 100
111 103.5 83.5 125.3
192 21.0 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: 12.190 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060000.D

Acq: 4 Feb 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB126559ZHE#13

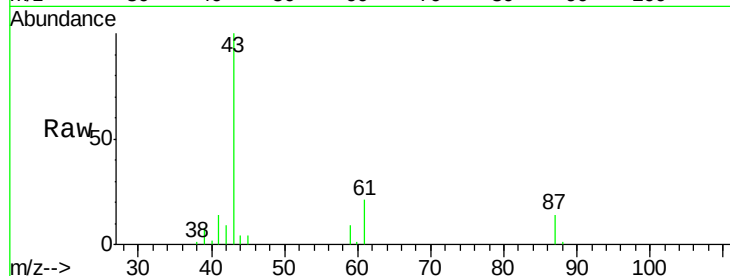
Tot Ion: 43 Resp: 54595

Ion Ratio Lower Upper

43 100

61 19.8 20.2 30.2#

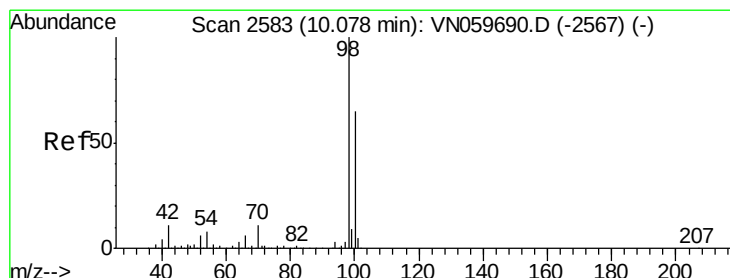
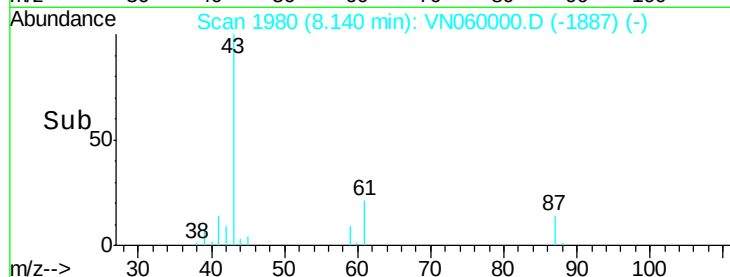
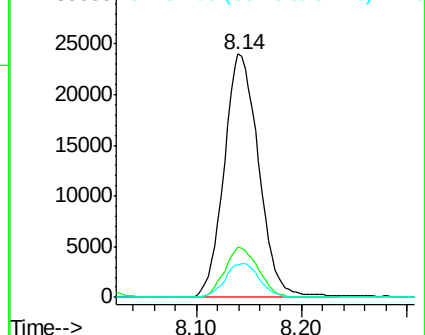
87 13.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.979 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060000.D

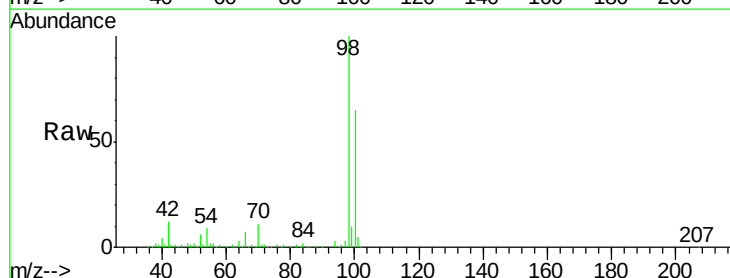
Acq: 4 Feb 2020 17:27

Tgt Ion: 98 Resp: 382858

Ion Ratio Lower Upper

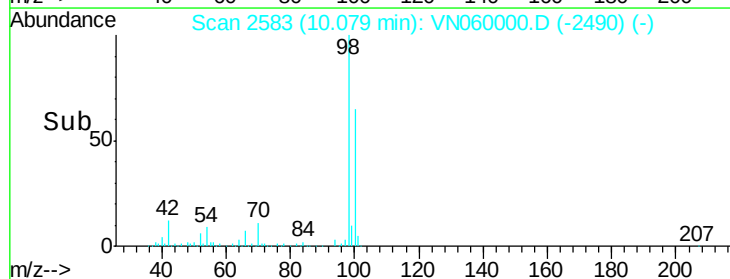
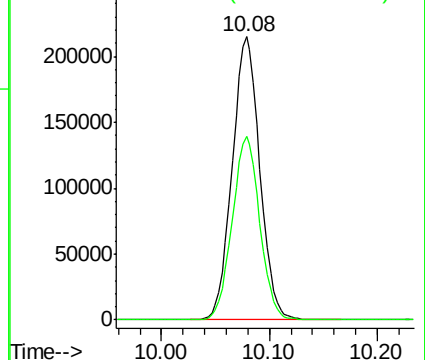
98 100

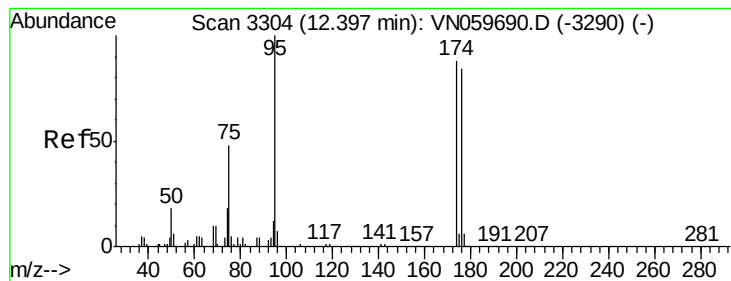
100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.145 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060000.D

Acq: 4 Feb 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB126559ZHE#13

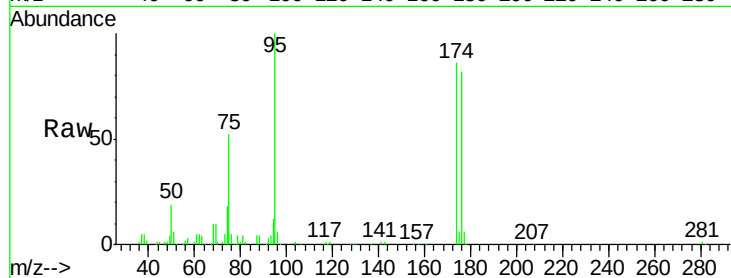
Tot Ion: 95 Resp: 141117

Ion Ratio Lower Upper

95 100

174 85.3 0.0 151.4

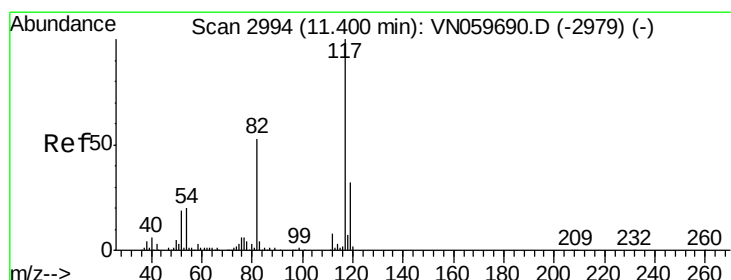
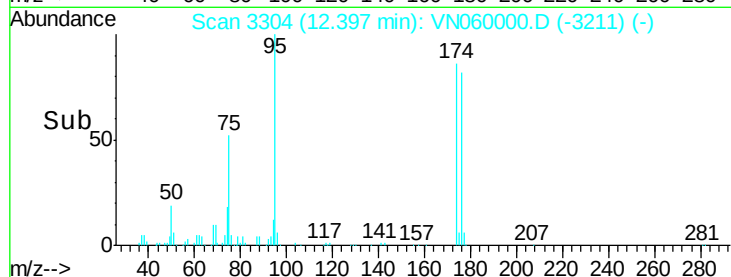
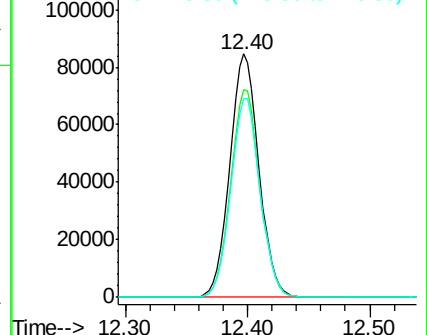
176 82.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN060000.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060000.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060000.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060000.D

Acq: 4 Feb 2020 17:27

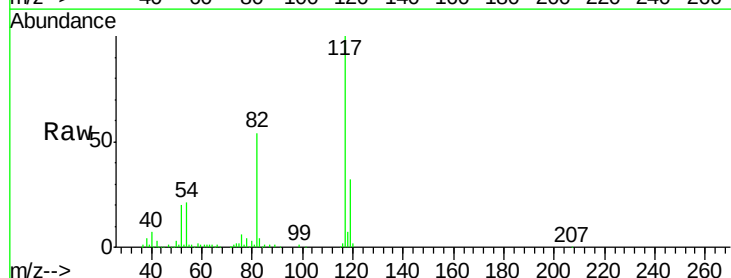
Tgt Ion: 117 Resp: 296933

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

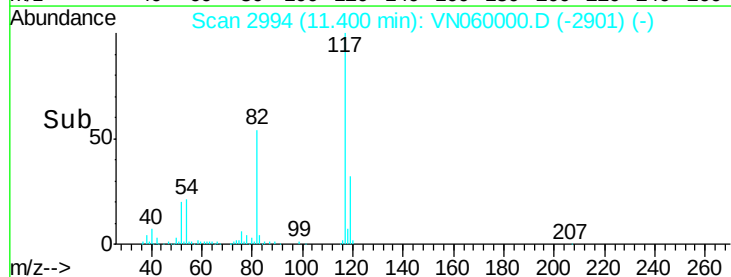
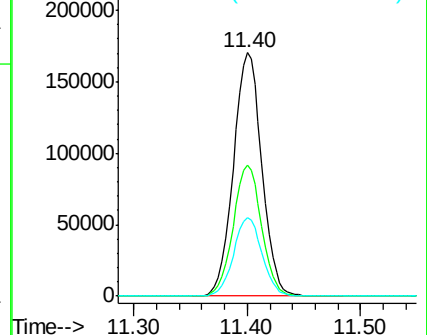
119 32.0 25.5 38.3

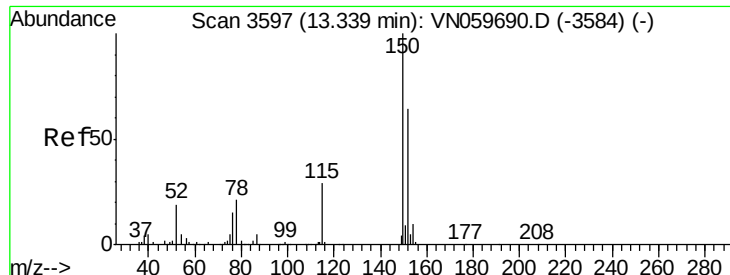


Abundance Ion 116.90 (116.60 to 117.60): VN060000.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060000.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060000.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060000.D

Acq: 4 Feb 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB126559ZHE#13

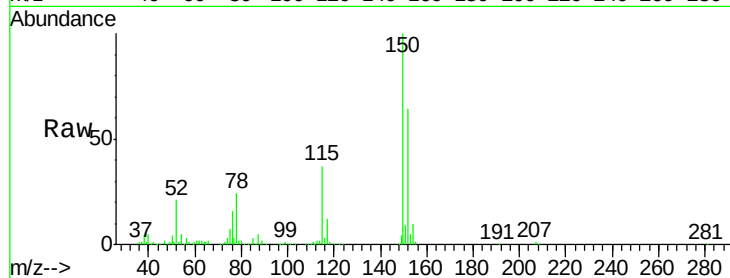
Tot Ion:152 Resp: 138195

Ion Ratio Lower Upper

152 100

115 57.7 30.3 90.9

150 157.8 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

