

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060121.D
 Acq On : 17 Feb 2020 15:52
 Operator : JC/MD
 Sample : PB126834ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126834ZHE#06

Quant Time: Feb 17 17:44:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

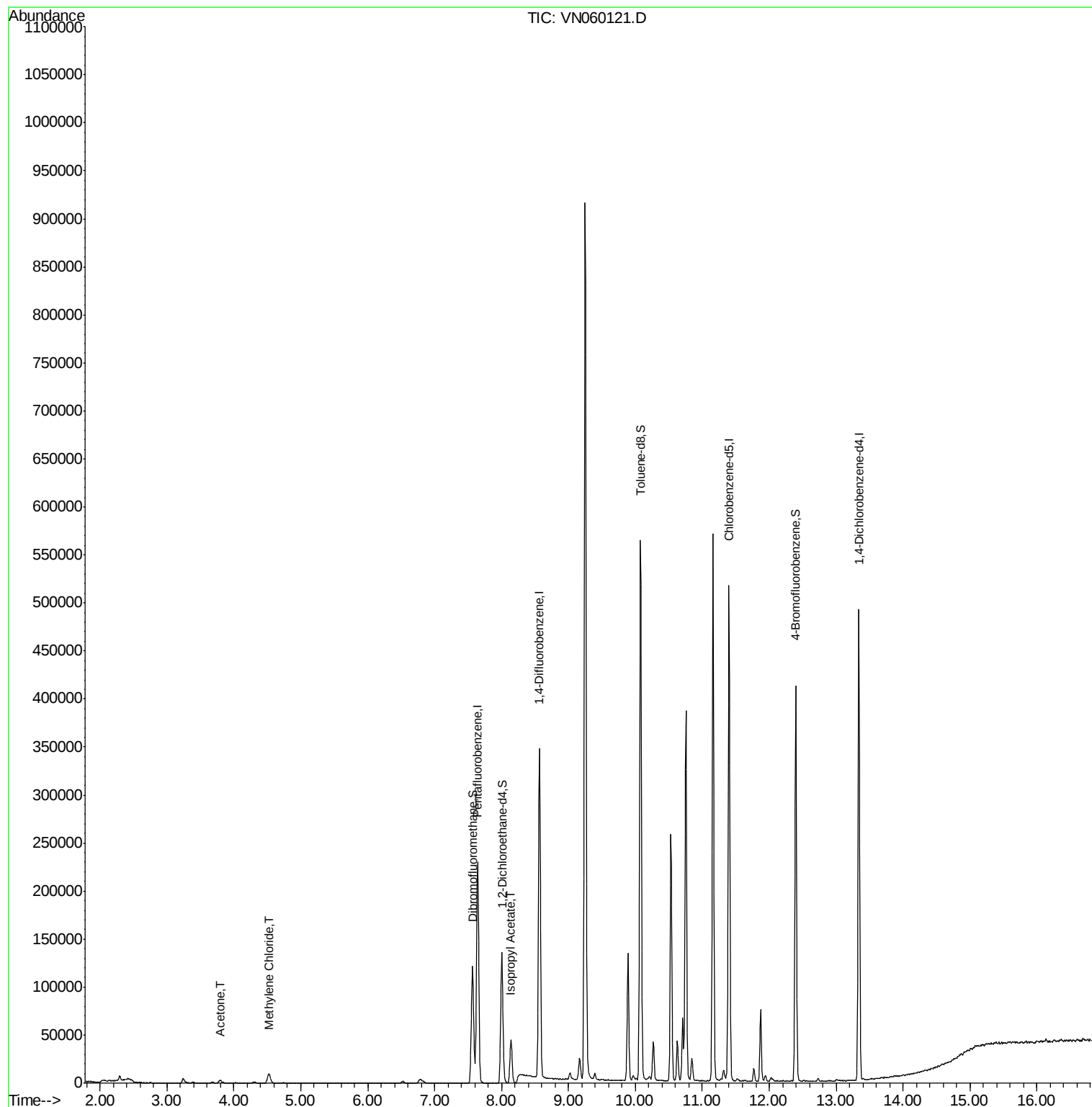
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	308380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	118096	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
35) Dibromofluoromethane	7.57	113	92429	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	10.08	98	374762	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	137689	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
Target Compounds						
16) Acetone	3.79	43	5968	5.930	ug/l	95
20) Methylene Chloride	4.53	84	7780	3.875	ug/l	95
43) Isopropyl Acetate	8.14	43	53928	12.221	ug/l #	89

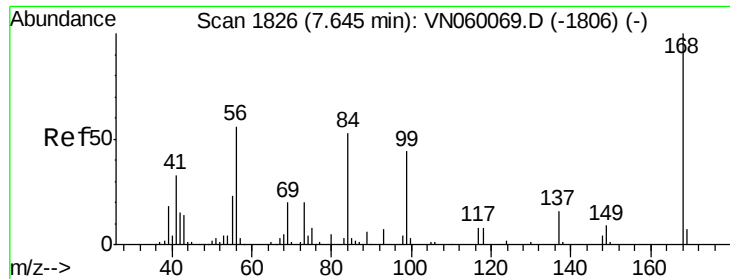
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

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Acq: 17 Feb 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

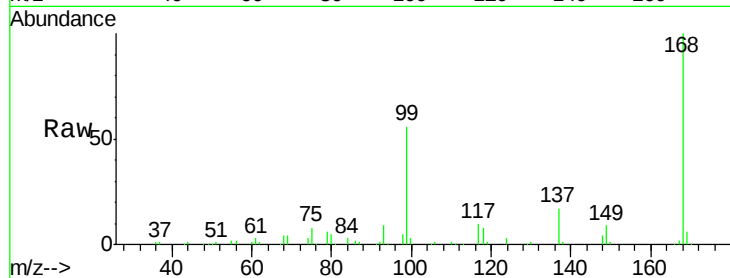
PB126834ZHE#06

Tot Ion:168 Resp: 189605

Ion Ratio Lower Upper

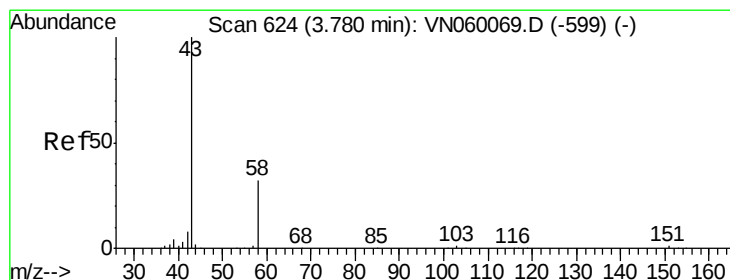
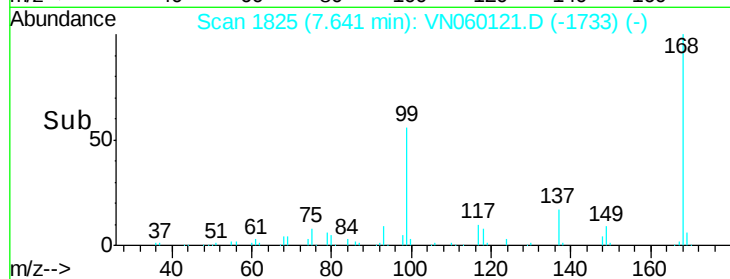
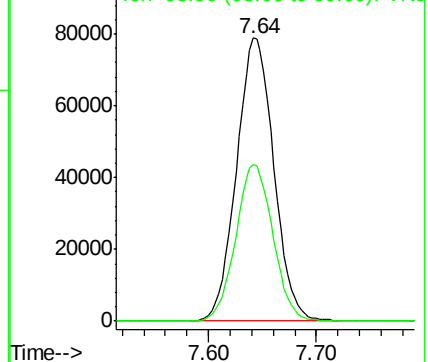
168 100

99 55.5 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.930 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060121.D

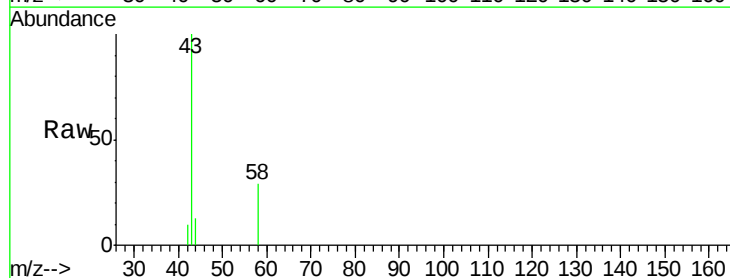
Acq: 17 Feb 2020 15:52

Tgt Ion: 43 Resp: 5968

Ion Ratio Lower Upper

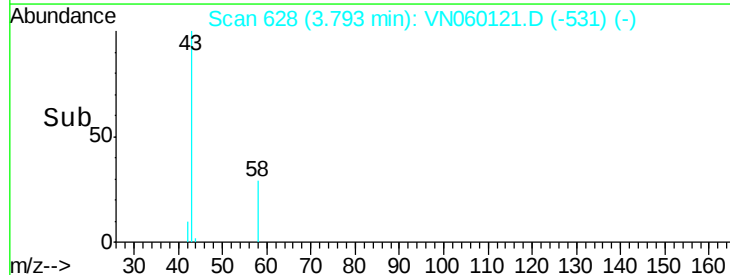
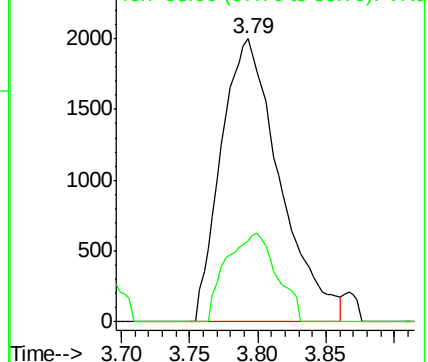
43 100

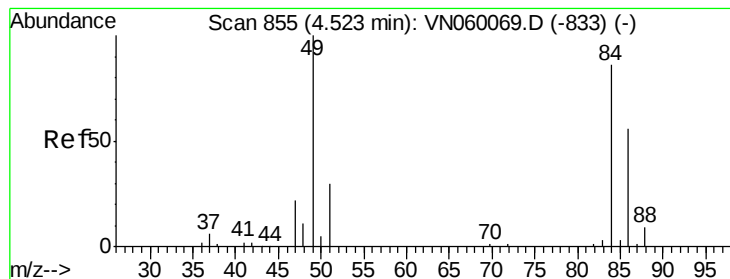
58 28.6 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 3.875 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060121.D

Acq: 17 Feb 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#06

Tot Ion: 84 Resp: 7780

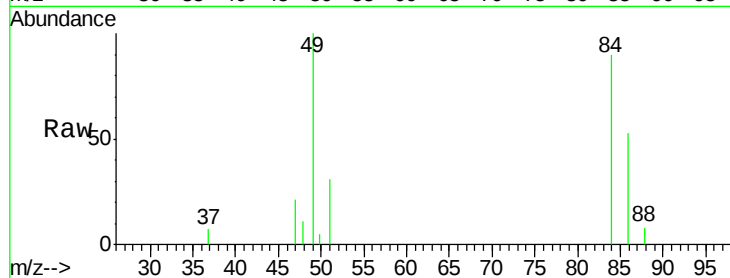
Ion Ratio Lower Upper

84 100

49 111.4 93.4 140.0

51 34.6 28.4 42.6

86 58.7 52.5 78.7

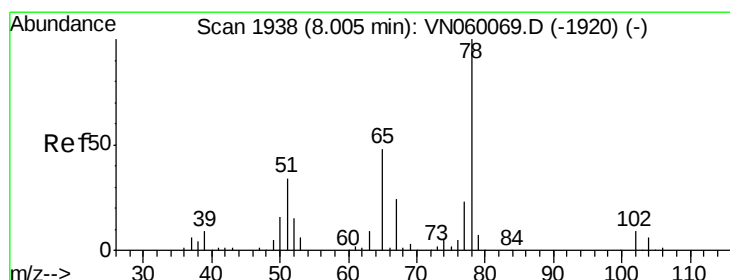
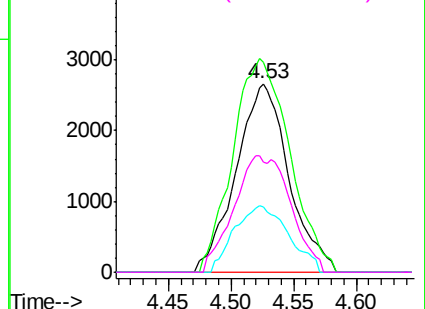
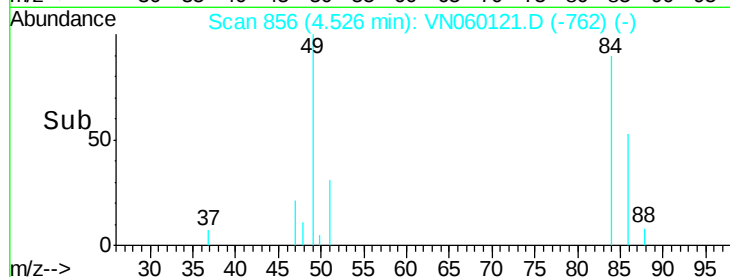


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.187 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060121.D

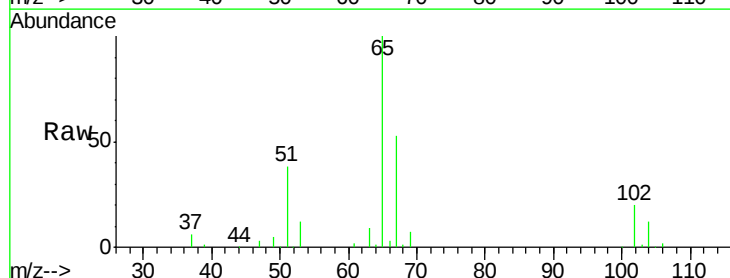
Acq: 17 Feb 2020 15:52

Tgt Ion: 65 Resp: 118096

Ion Ratio Lower Upper

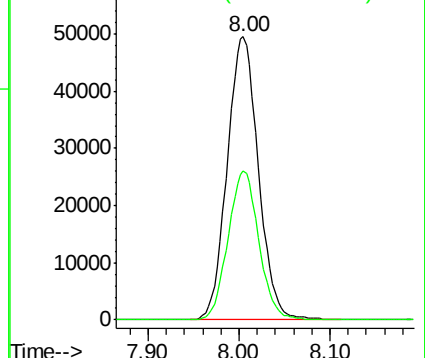
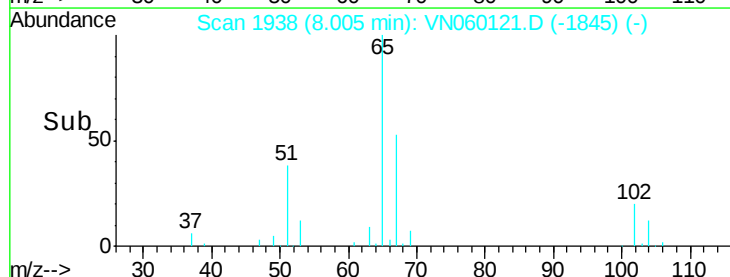
65 100

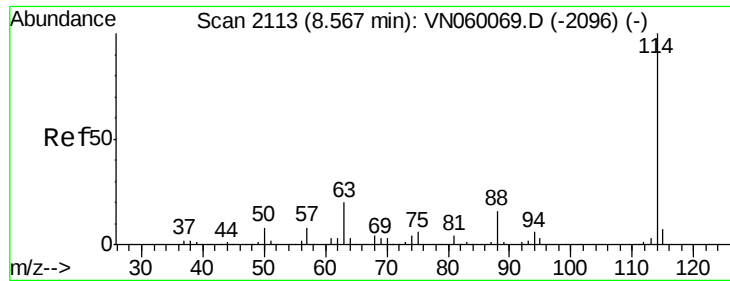
67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

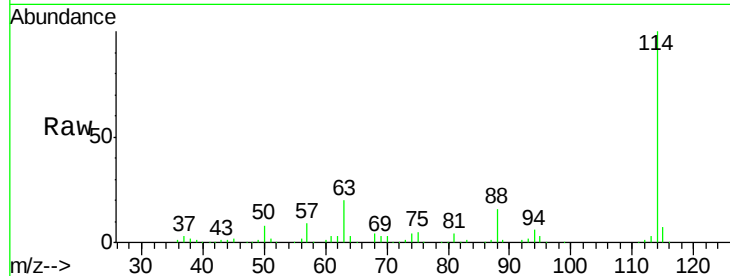




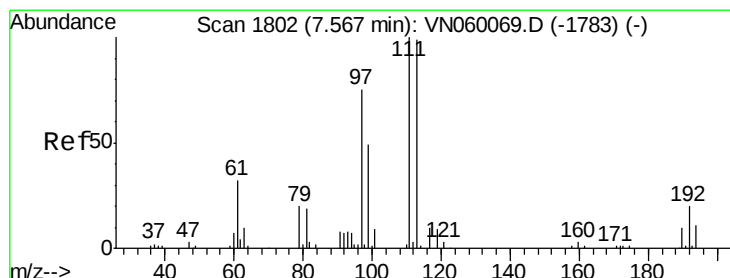
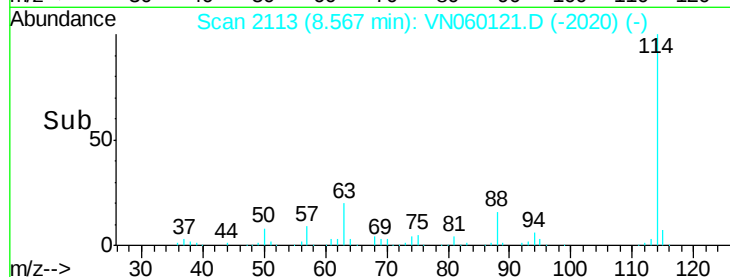
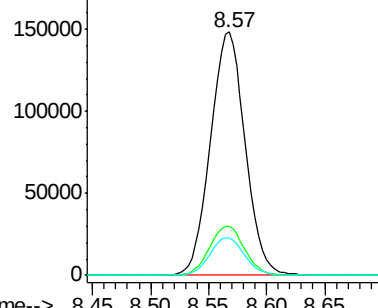
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060121.D
Acq: 17 Feb 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
PB126834ZHE#06

Tot Ion:114 Resp: 308380
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 15.6 0.0 31.6

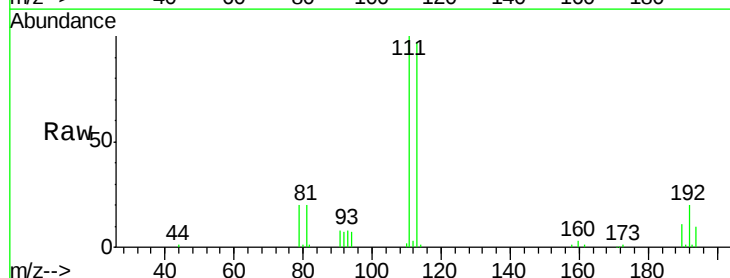


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

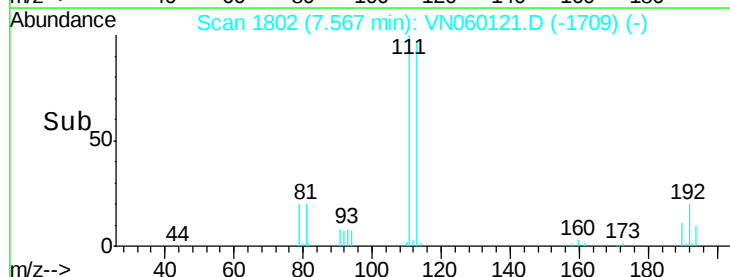
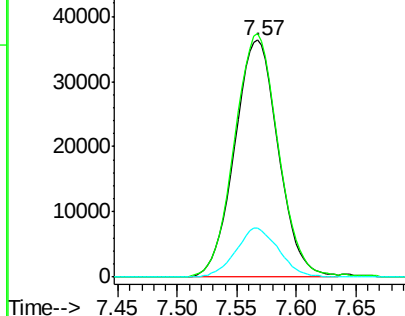


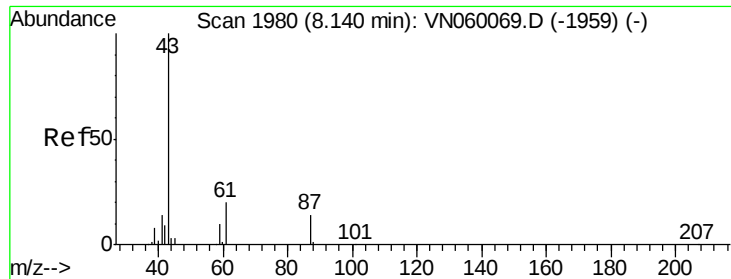
#35
Dibromofluoromethane
Concen: 48.759 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060121.D
Acq: 17 Feb 2020 15:52

Tgt Ion:113 Resp: 92429
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 20.3 16.2 24.2



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: 12.221 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060121.D

Acq: 17 Feb 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#06

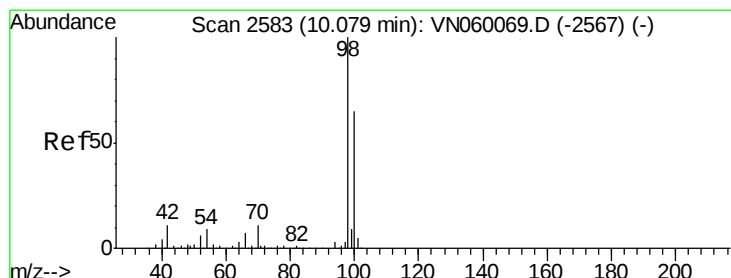
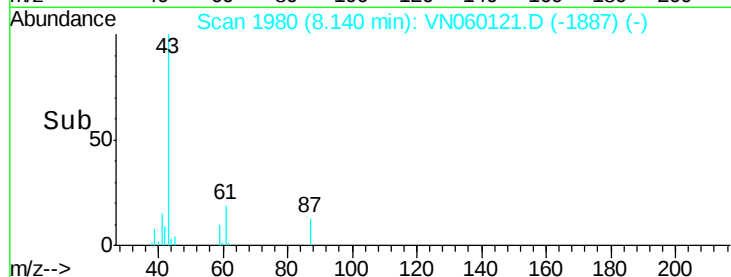
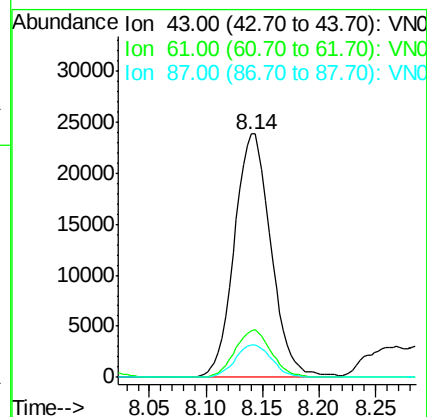
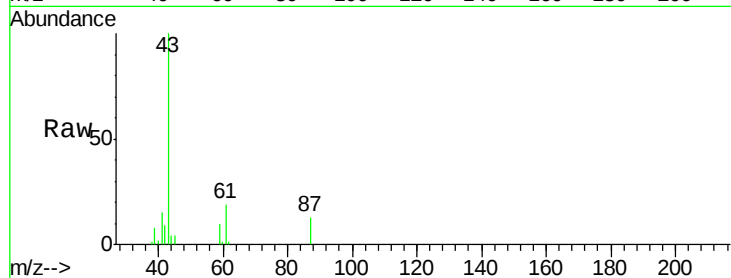
Tot Ion: 43 Resp: 53928

Ion Ratio Lower Upper

43 100

61 19.2 21.8 32.6#

87 13.1 11.4 17.2



#50

Toluene-d8

Concen: 50.204 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060121.D

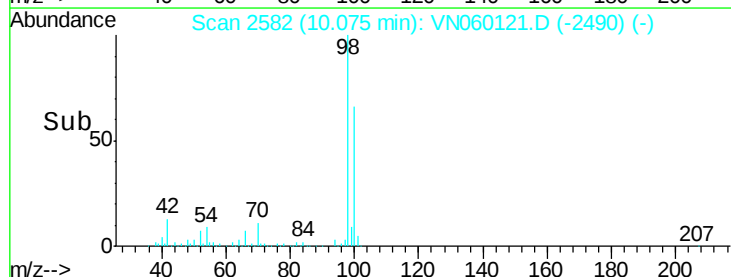
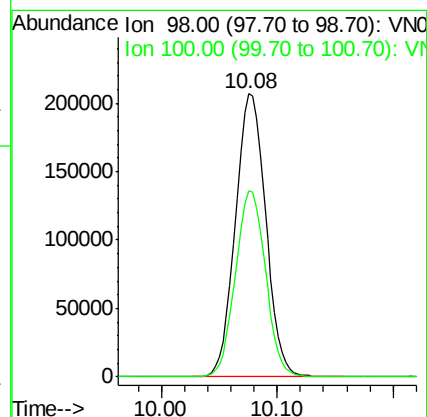
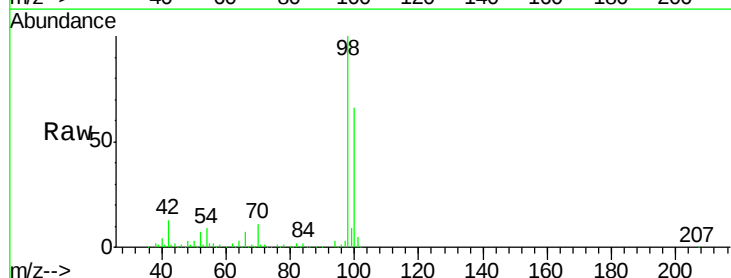
Acq: 17 Feb 2020 15:52

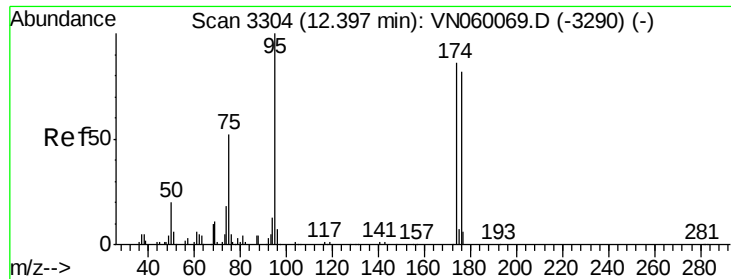
Tgt Ion: 98 Resp: 374762

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 50.197 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060121.D

Acq: 17 Feb 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#06

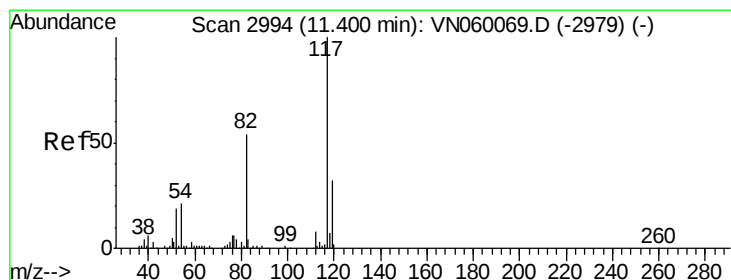
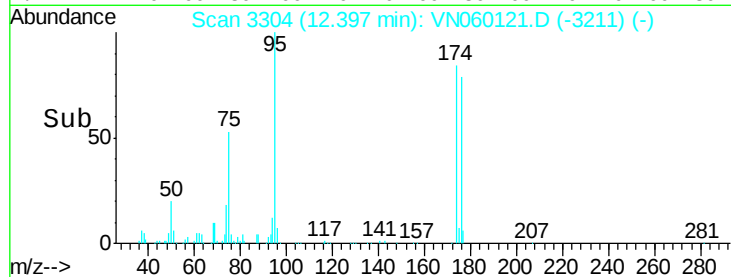
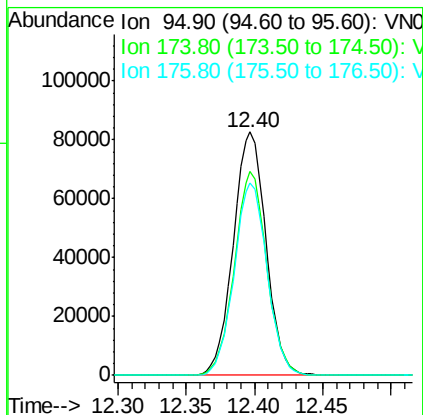
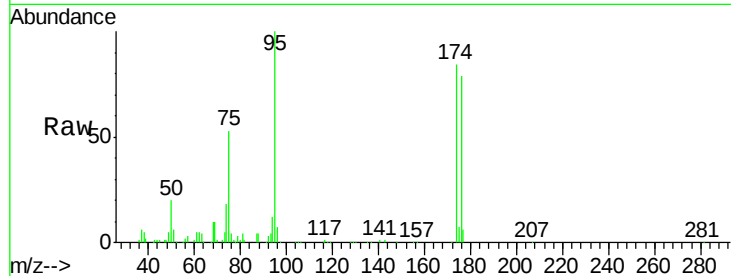
Tot Ion: 95 Resp: 137689

Ion Ratio Lower Upper

95 100

174 82.7 0.0 169.8

176 79.5 0.0 164.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060121.D

Acq: 17 Feb 2020 15:52

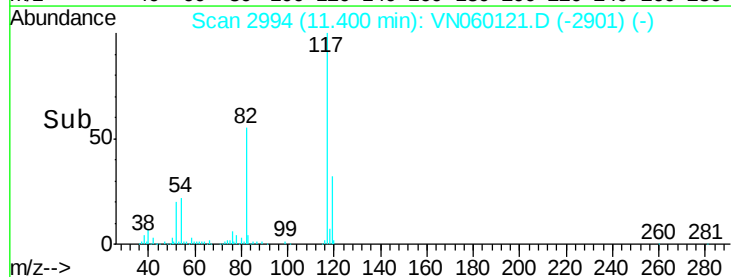
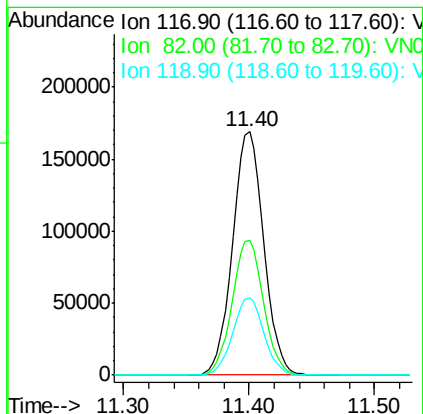
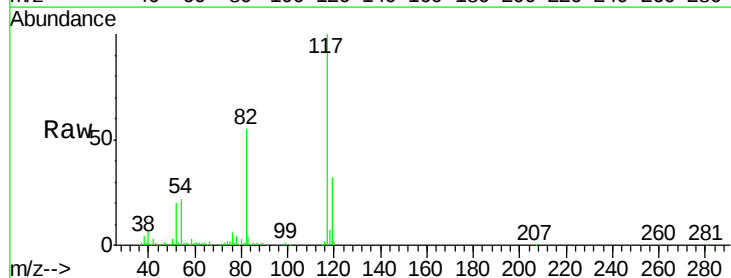
Tgt Ion: 117 Resp: 291653

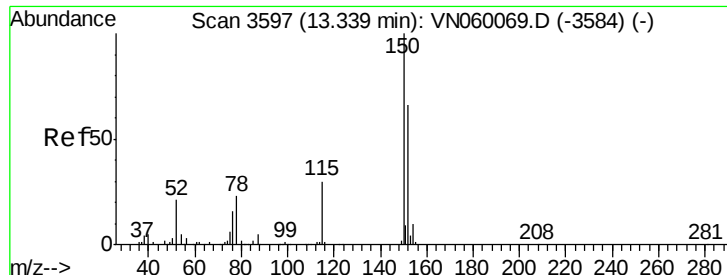
Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060121.D

Acq: 17 Feb 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#06

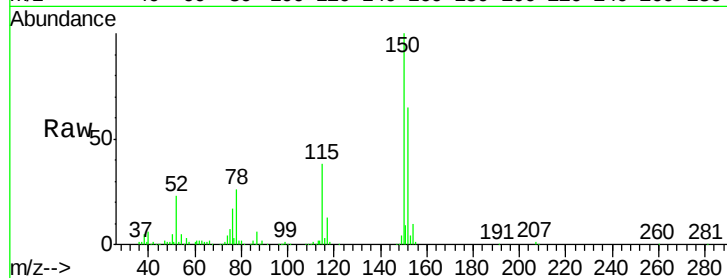
Tot Ion:152 Resp: 129823

Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.8

150 157.5 0.0 342.4



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

