

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060974.D
 Acq On : 15 Apr 2020 20:01
 Operator : JC/MD
 Sample : PB128198TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128198TB

Quant Time: Apr 16 07:54:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

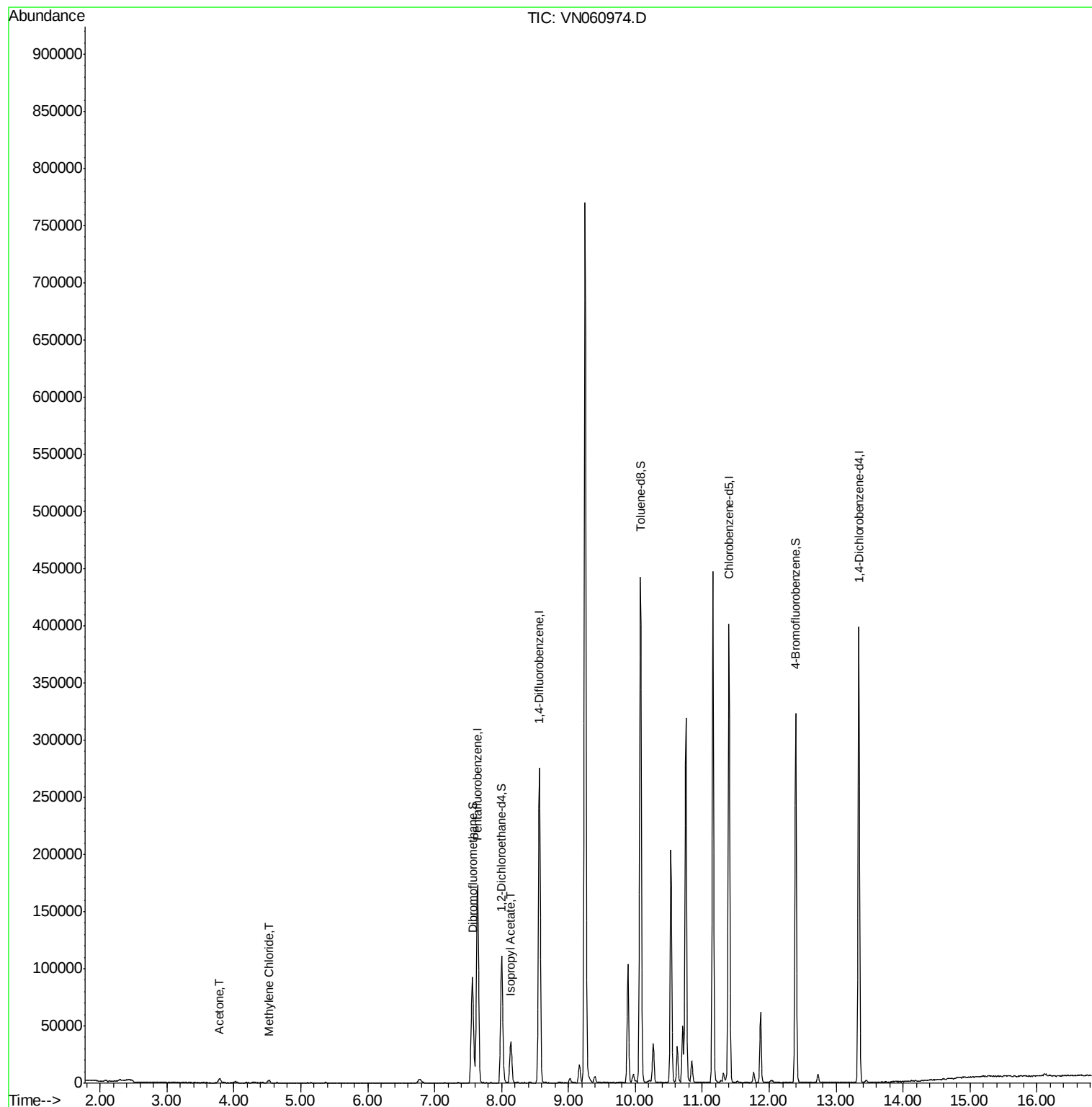
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	139899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	239378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	229665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	102922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	94372	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
35) Dibromofluoromethane	7.56	113	72186	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.08	98	300805	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.40	95	114567	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
Target Compounds						
16) Acetone	3.78	43	7138	10.493	ug/l	99
20) Methylene Chloride	4.52	84	1746	1.043	ug/l	97
43) Isopropyl Acetate	8.14	43	44319	10.730	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060974.D

Acq: 15 Apr 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

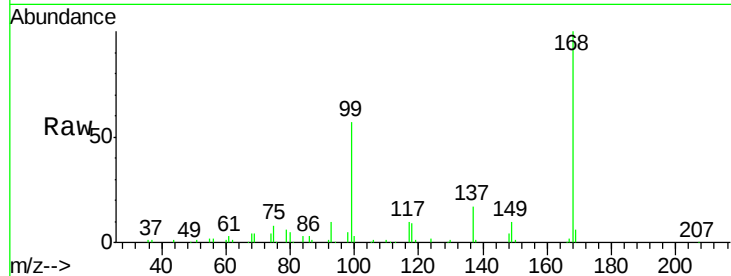
PB128198TB

Tot Ion:168 Resp: 139899

Ion Ratio Lower Upper

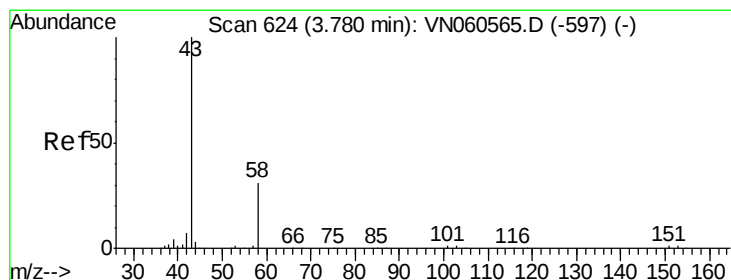
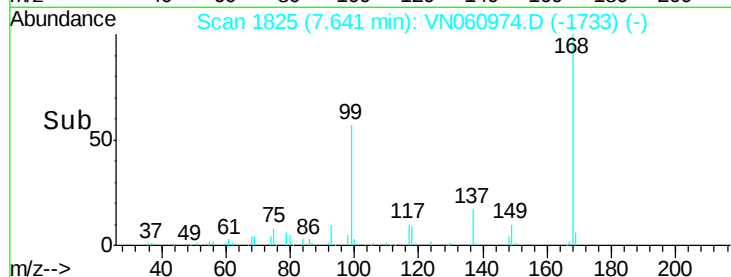
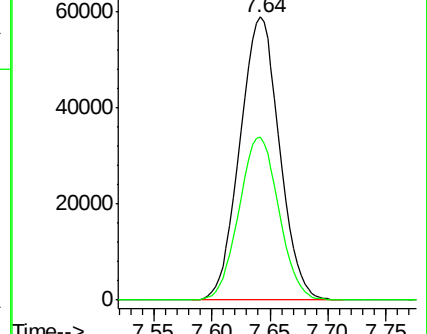
168 100

99 57.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 10.493 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060974.D

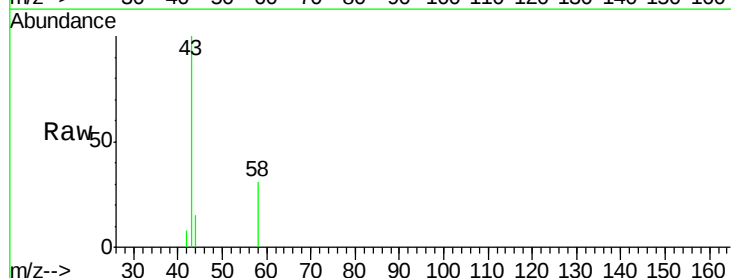
Acq: 15 Apr 2020 20:01

Tgt Ion: 43 Resp: 7138

Ion Ratio Lower Upper

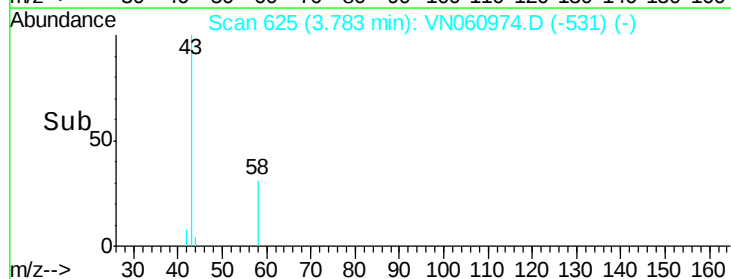
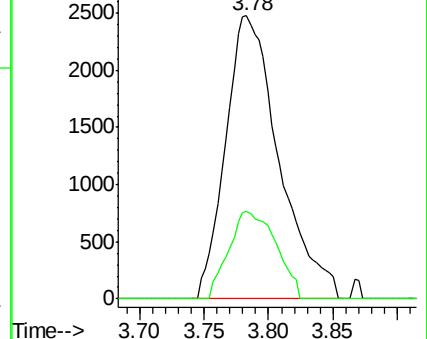
43 100

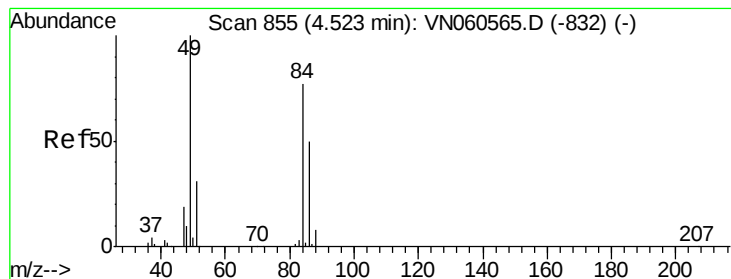
58 31.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 1.043 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.01 min

Lab File: VN060974.D

Acq: 15 Apr 2020 20:01

Instrument :

MSVOA_N

ClientSampled :

PB128198TB

Tot Ion: 84 Resp: 1746

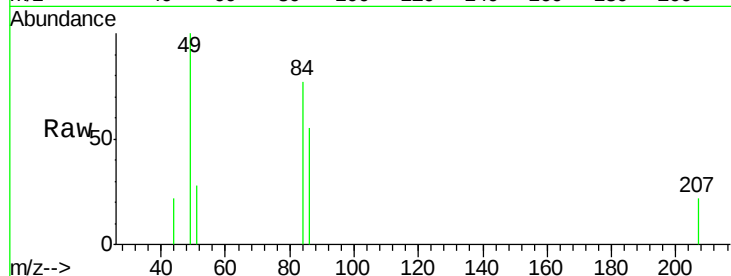
Ion Ratio Lower Upper

84 100

49 129.7 103.3 154.9

51 36.3 31.6 47.4

86 70.8 52.0 78.0

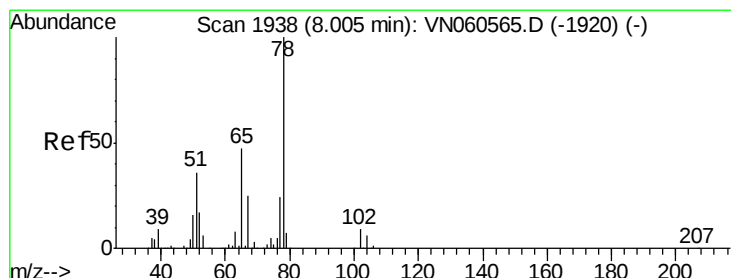
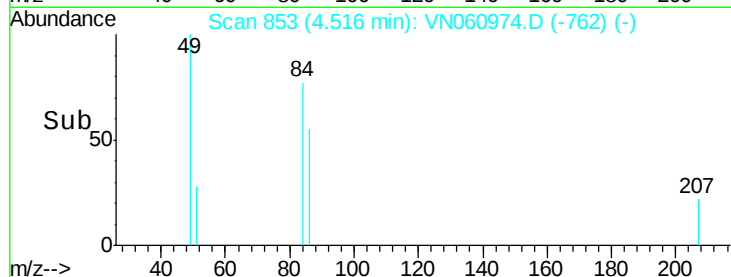
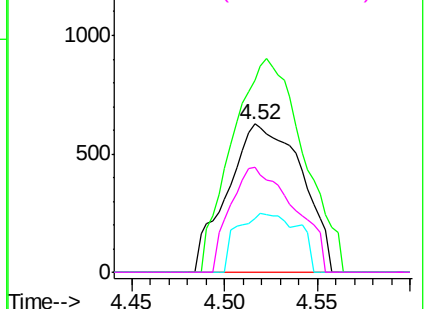


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 49.139 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060974.D

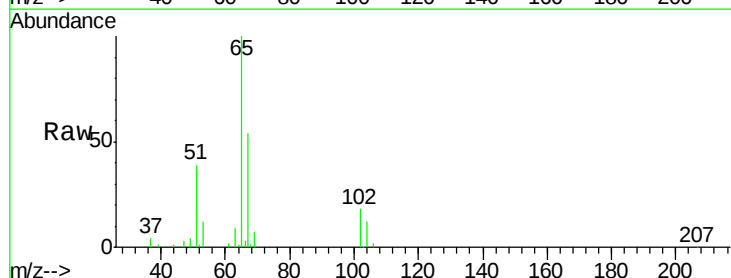
Acq: 15 Apr 2020 20:01

Tgt Ion: 65 Resp: 94372

Ion Ratio Lower Upper

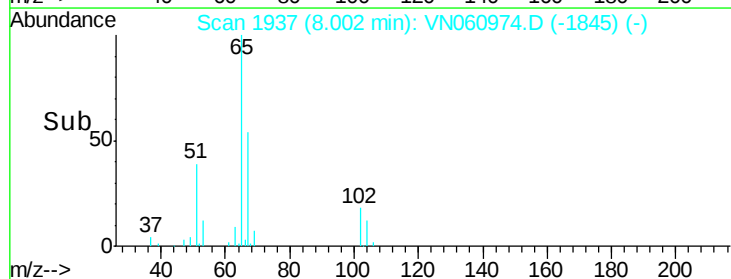
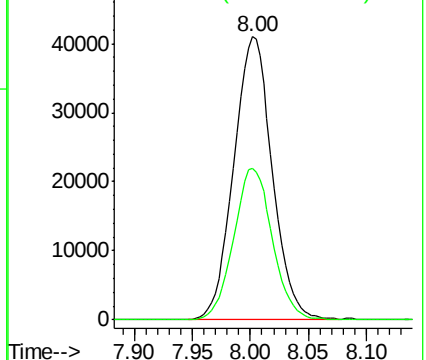
65 100

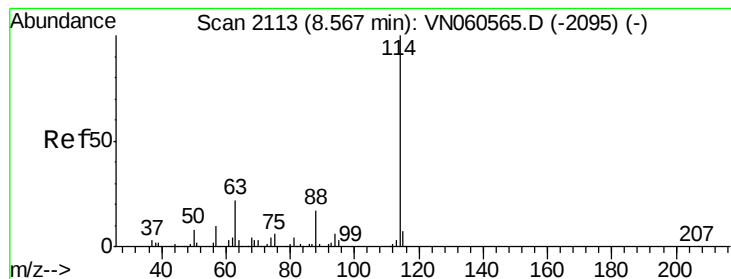
67 53.6 0.0 107.6



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: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060974.D

Acq: 15 Apr 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

PB128198TB

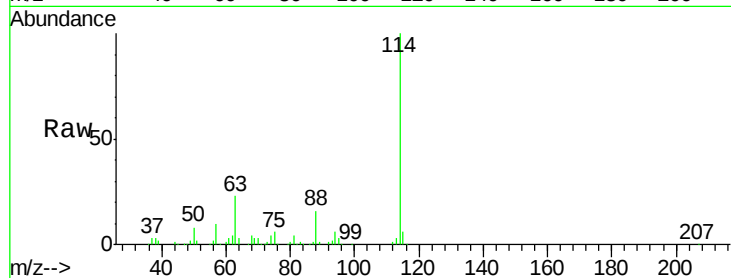
Tot Ion:114 Resp: 239378

Ion Ratio Lower Upper

114 100

63 23.3 0.0 43.8

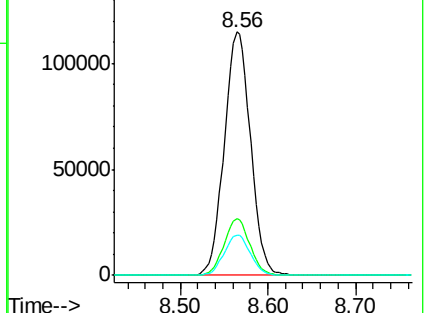
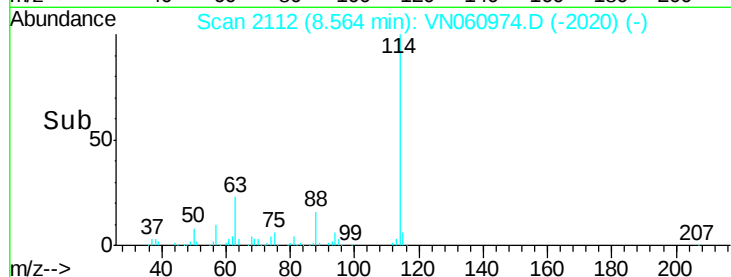
88 16.5 0.0 33.0



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: 49.871 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060974.D

Acq: 15 Apr 2020 20:01

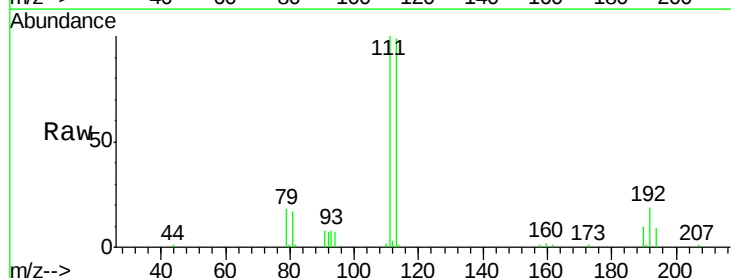
Tgt Ion:113 Resp: 72186

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

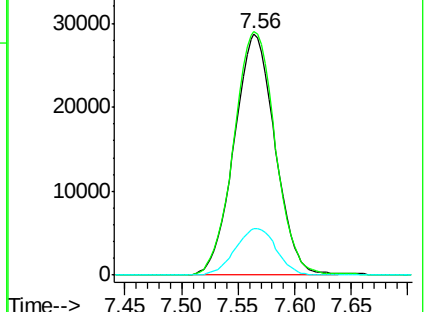
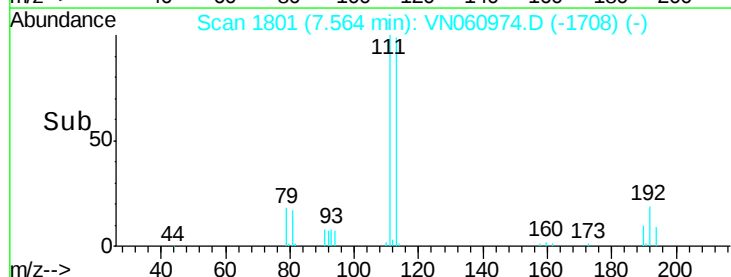
192 19.3 15.8 23.8



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: 10.730 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060974.D

Acq: 15 Apr 2020 20:01

Instrument :

MSVOA_N

ClientSampleID :

PB128198TB

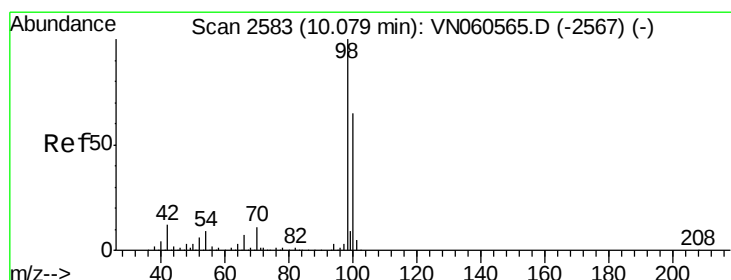
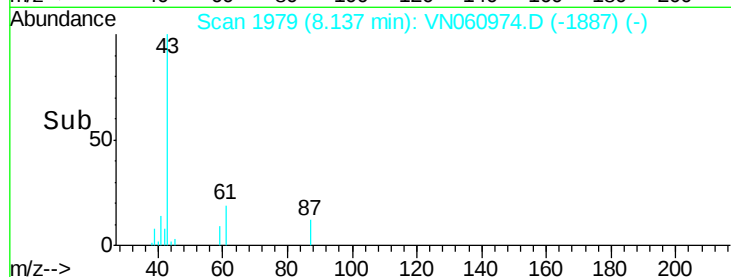
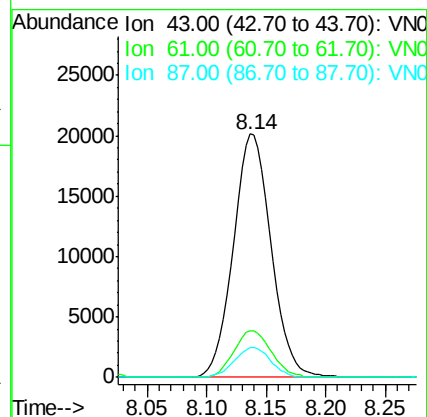
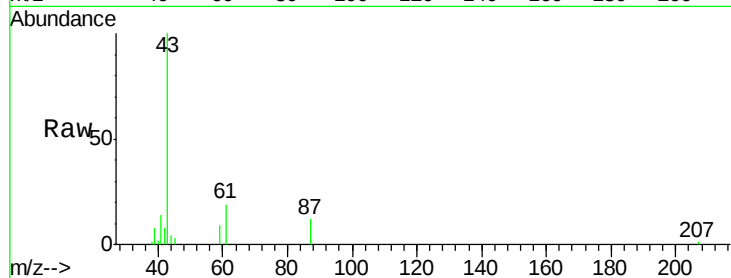
Tot Ion: 43 Resp: 44319

Ion Ratio Lower Upper

43 100

61 18.9 20.7 31.1#

87 11.8 9.8 14.8



#50

Toluene-d8

Concen: 50.878 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060974.D

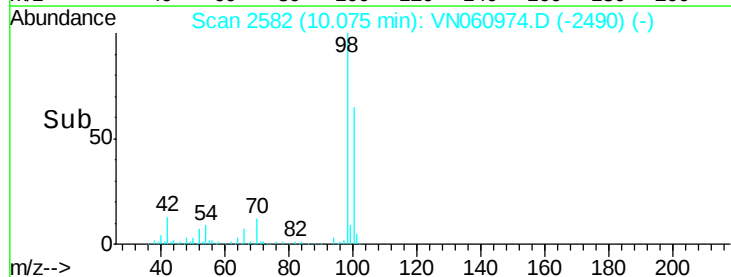
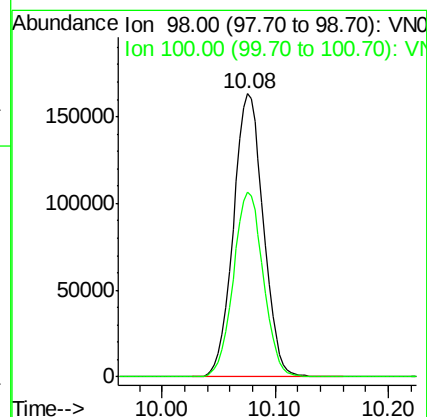
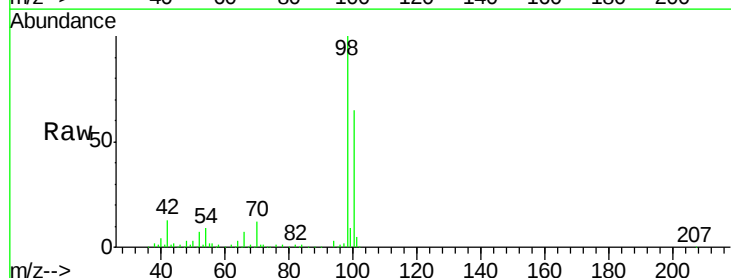
Acq: 15 Apr 2020 20:01

Tgt Ion: 98 Resp: 300805

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 52.875 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060974.D

Acq: 15 Apr 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

PB128198TB

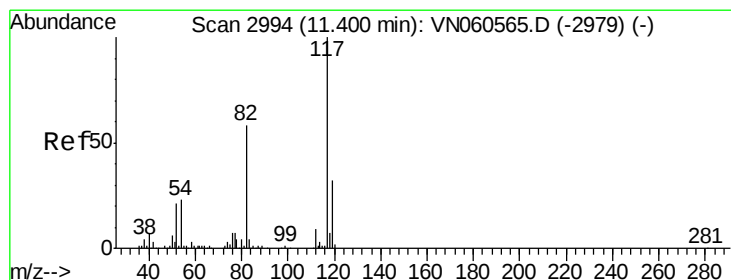
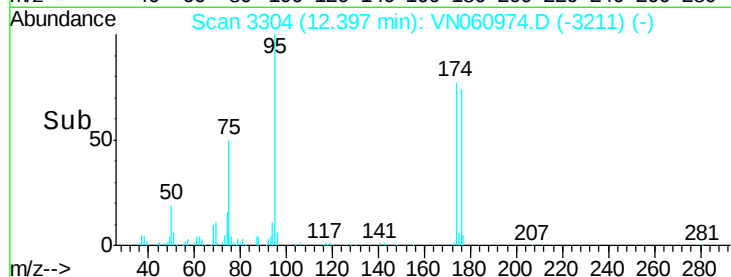
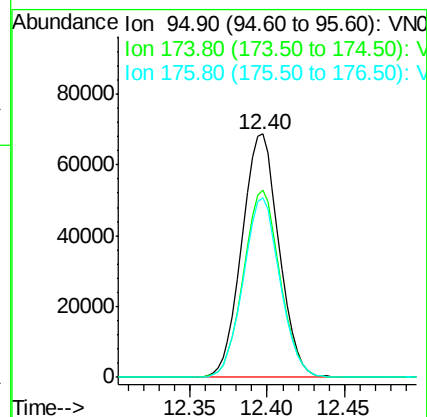
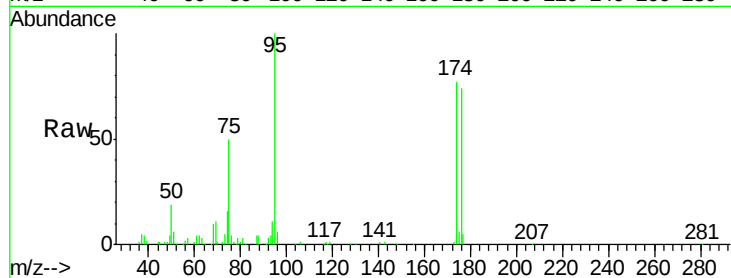
Tot Ion: 95 Resp: 114567

Ion Ratio Lower Upper

95 100

174 75.9 0.0 157.6

176 73.2 0.0 150.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060974.D

Acq: 15 Apr 2020 20:01

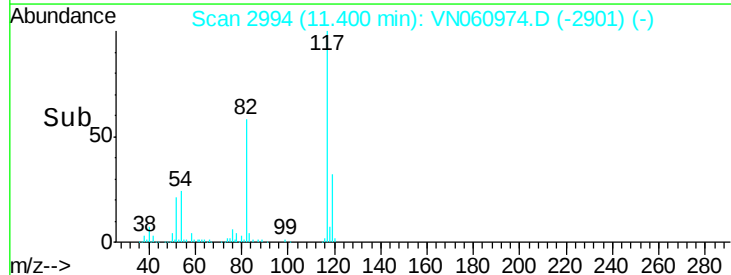
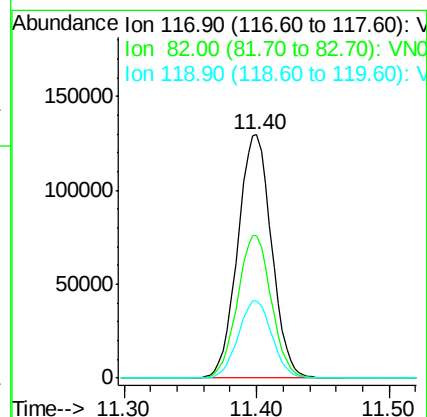
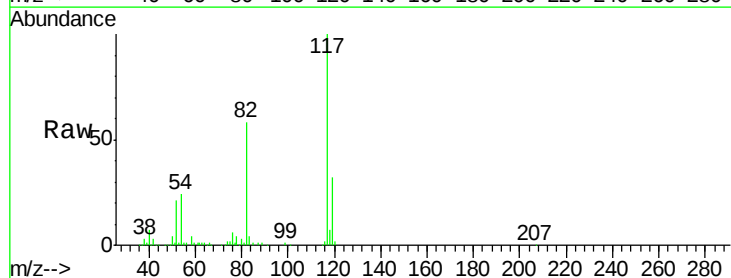
Tgt Ion: 117 Resp: 229665

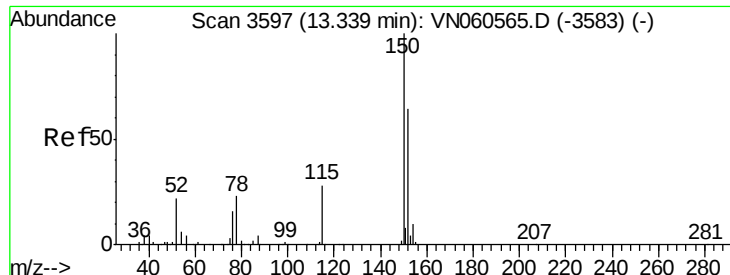
Ion Ratio Lower Upper

117 100

82 58.3 46.7 70.1

119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060974.D

Acq: 15 Apr 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

PB128198TB

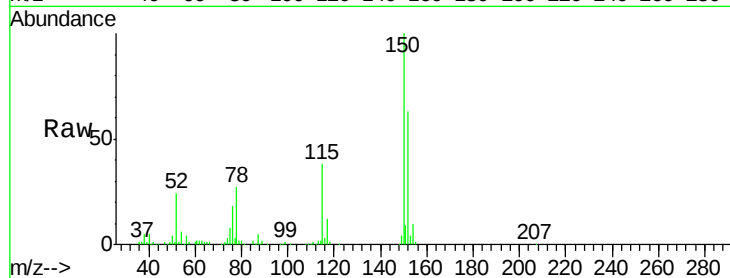
Tot Ion:152 Resp: 102922

Ion Ratio Lower Upper

152 100

115 61.0 30.2 90.6

150 158.8 0.0 350.2



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

