

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060824.D
 Acq On : 2 Apr 2020 15:40
 Operator : JC/MD
 Sample : PB127948TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127948TB

Quant Time: Apr 03 08:53:24 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

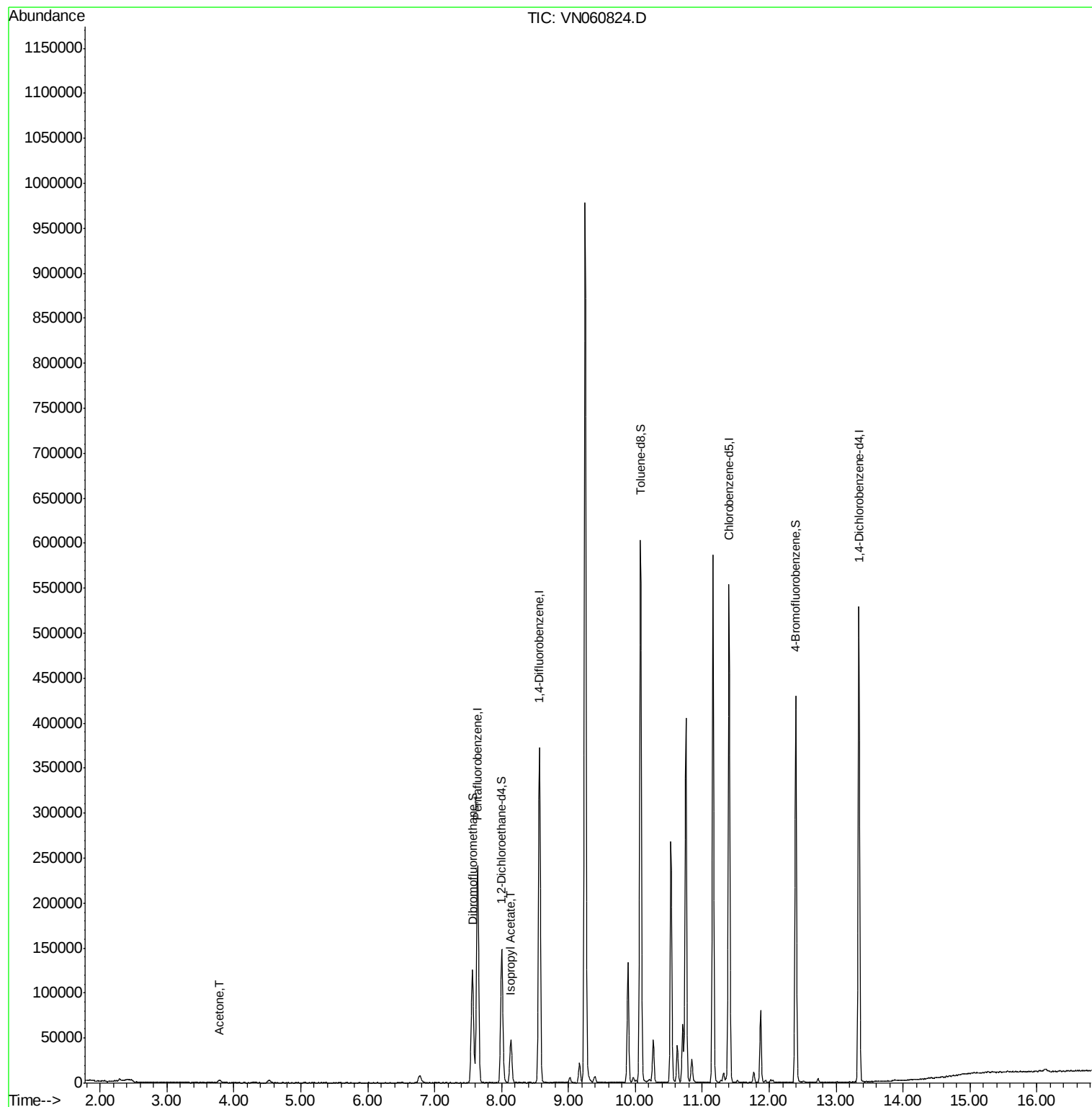
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	330479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	310560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127696	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
35) Dibromofluoromethane	7.56	113	97393	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	10.08	98	407080	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	151712	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
Target Compounds						
16) Acetone	3.78	43	5685	5.923	ug/l	98
43) Isopropyl Acetate	8.14	43	58056	10.181	ug/l #	90

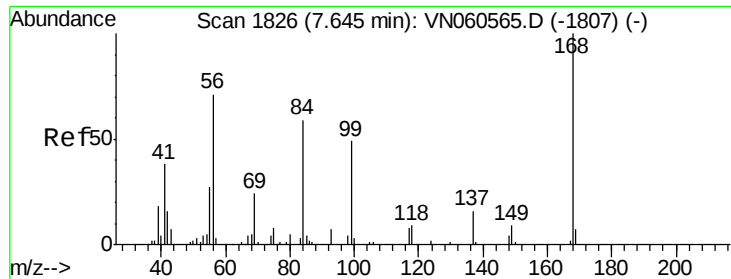
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

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ClientSampleId :

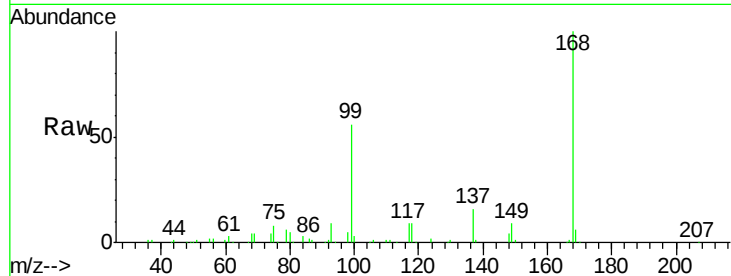
PB127948TB

Tot Ion:168 Resp: 197375

Ion Ratio Lower Upper

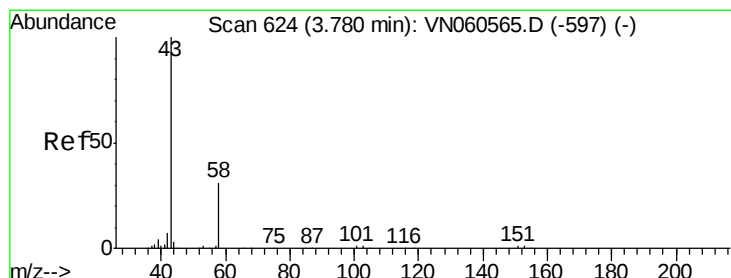
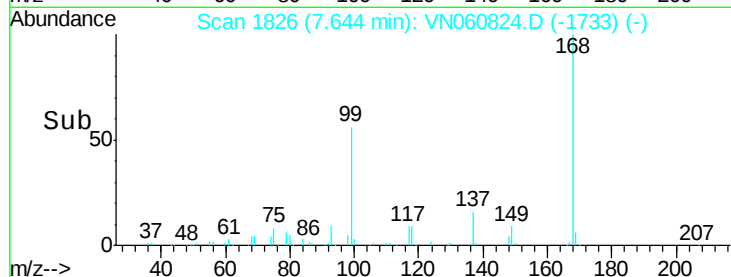
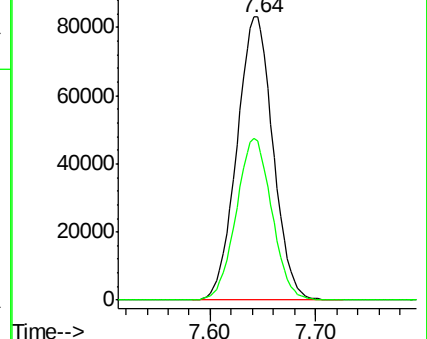
168 100

99 56.2 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: 5.923 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060824.D

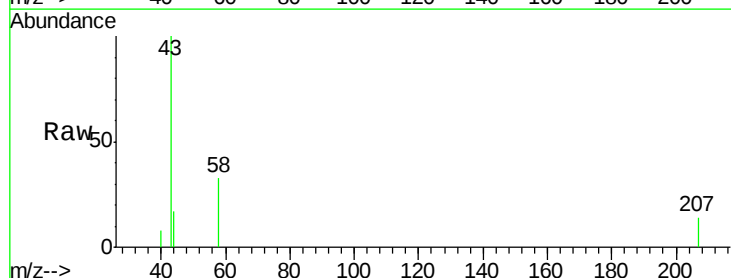
Acq: 2 Apr 2020 15:40

Tgt Ion: 43 Resp: 5685

Ion Ratio Lower Upper

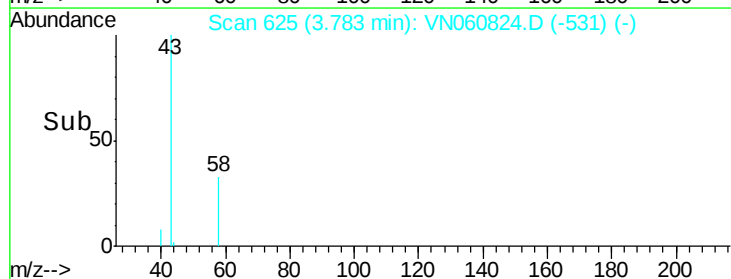
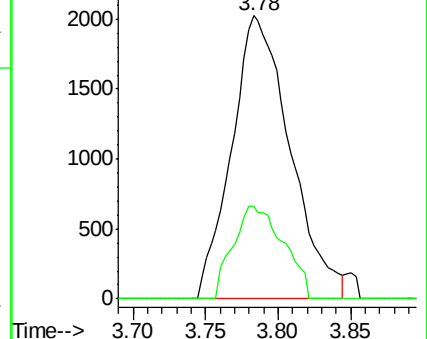
43 100

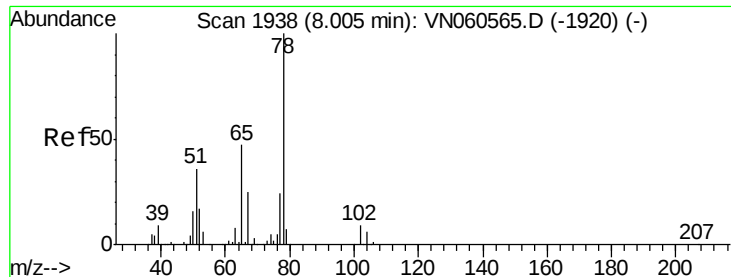
58 32.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

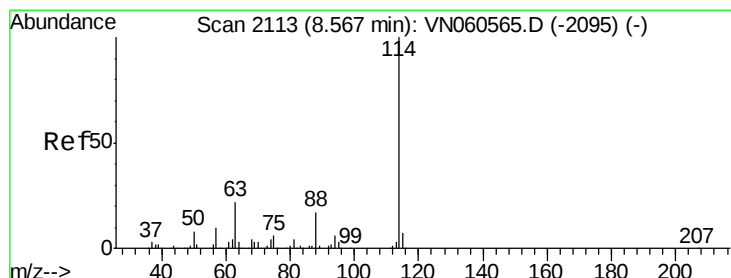
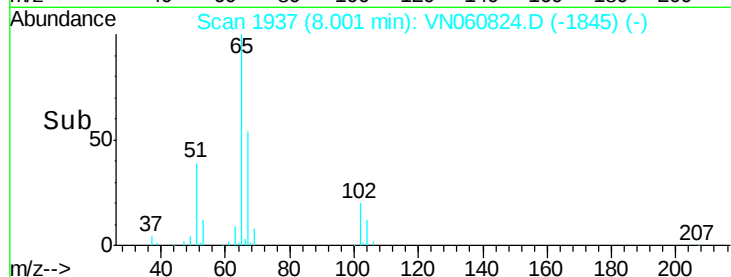
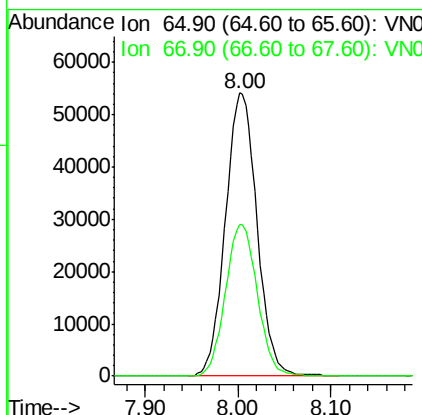
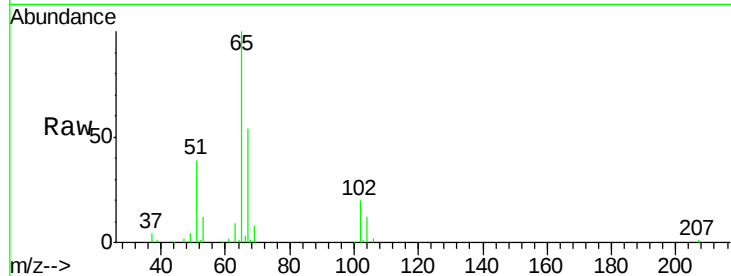




#33
 1,2-Dichloroethane-d4
 Concen: 47.129 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060824.D
 Acq: 2 Apr 2020 15:40

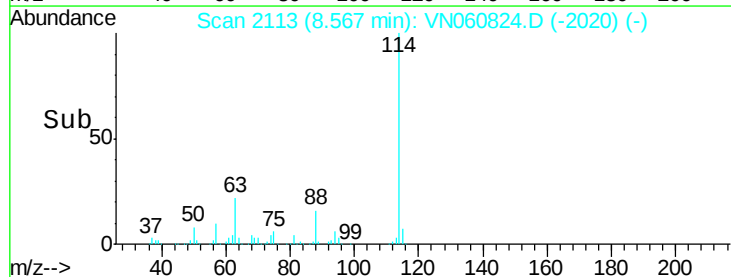
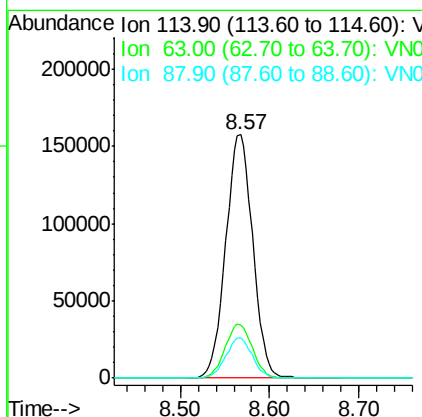
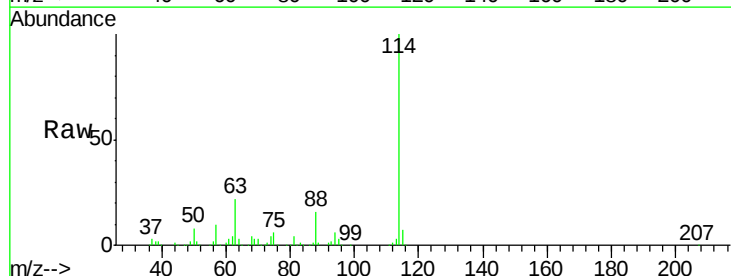
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127948TB

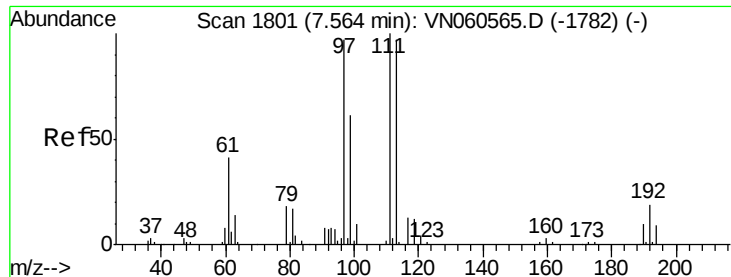
Tot Ion: 65 Resp: 127696
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060824.D
 Acq: 2 Apr 2020 15:40

Tgt Ion: 114 Resp: 330479
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.738 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060824.D

Acq: 2 Apr 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

PB127948TB

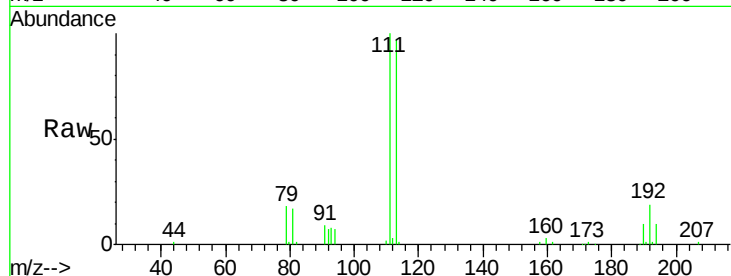
Tot Ion:113 Resp: 97393

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

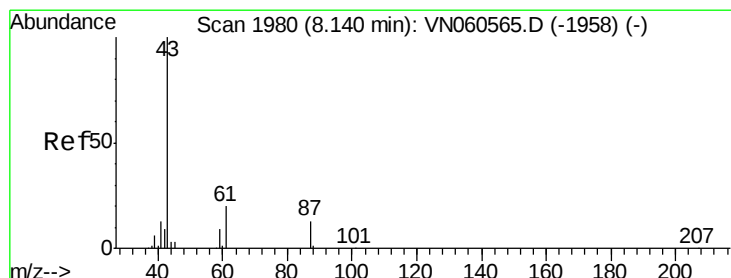
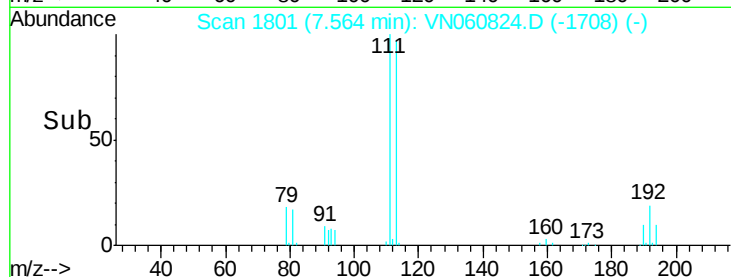
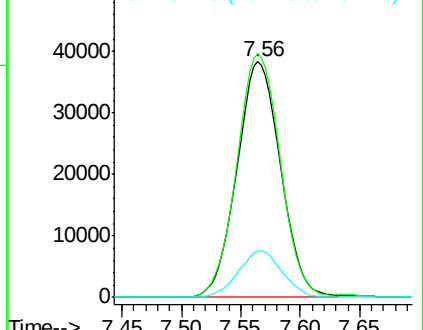
192 19.7 15.8 23.8



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: 10.181 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060824.D

Acq: 2 Apr 2020 15:40

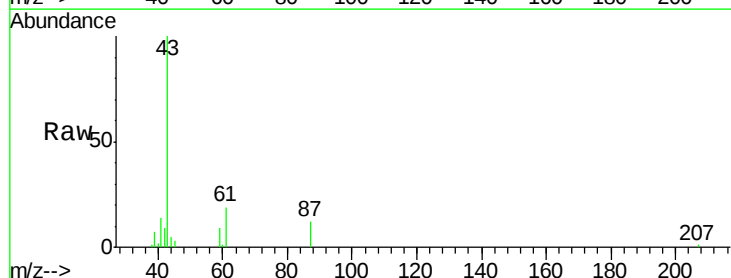
Tgt Ion: 43 Resp: 58056

Ion Ratio Lower Upper

43 100

61 18.9 20.7 31.1#

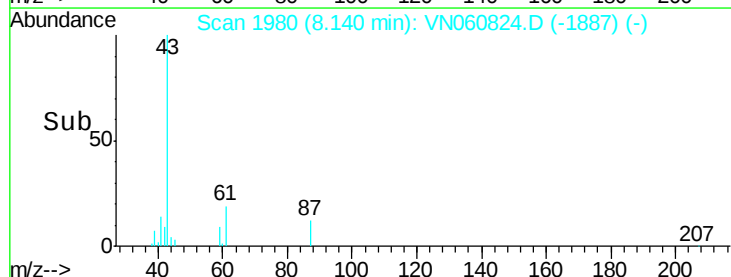
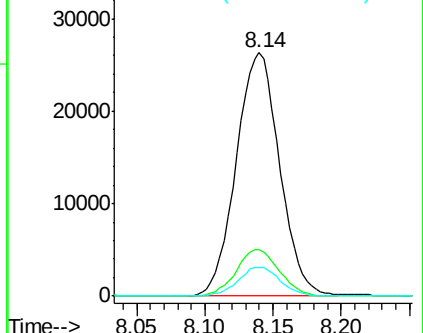
87 11.4 9.8 14.8

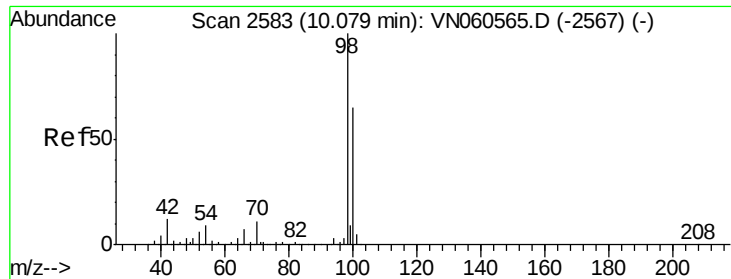


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.873 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060824.D

Acq: 2 Apr 2020 15:40

Instrument :

MSVOA_N

ClientSampleId :

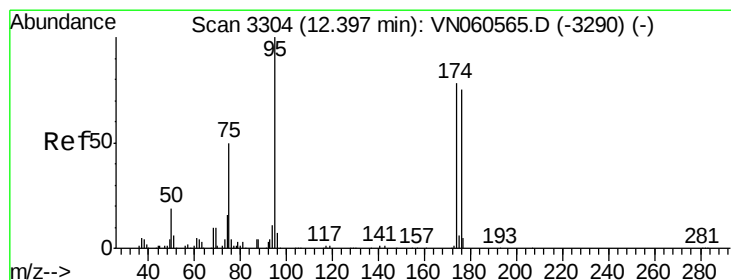
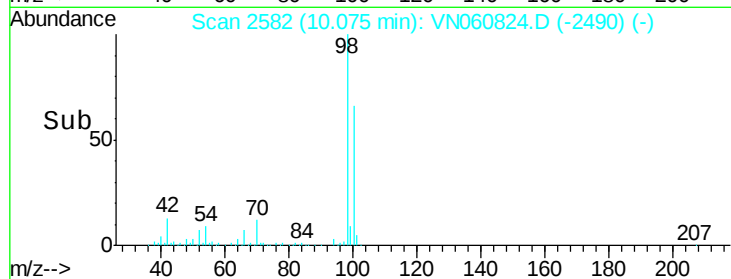
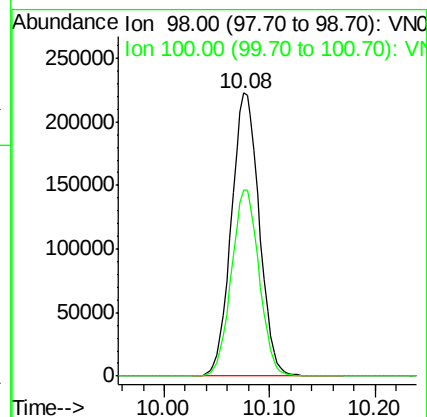
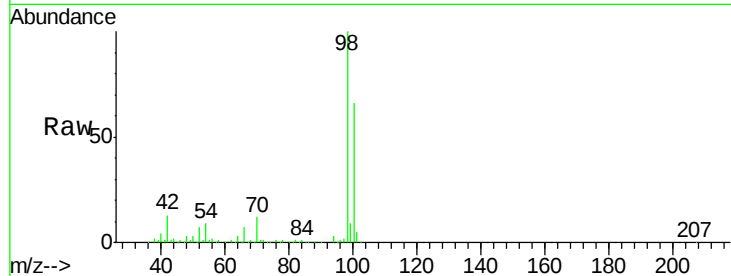
PB127948TB

Tot Ion: 98 Resp: 407080

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 50.717 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060824.D

Acq: 2 Apr 2020 15:40

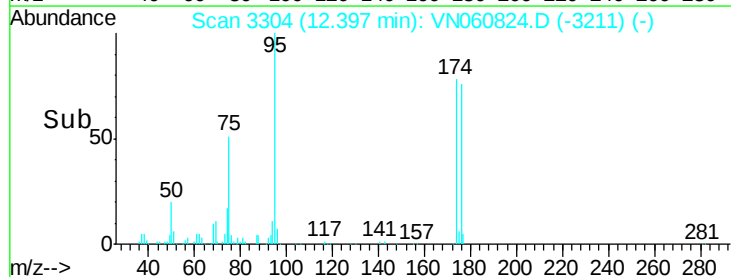
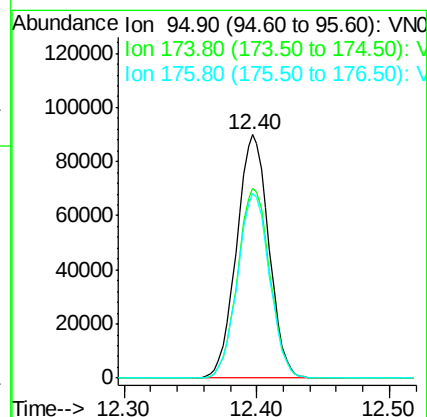
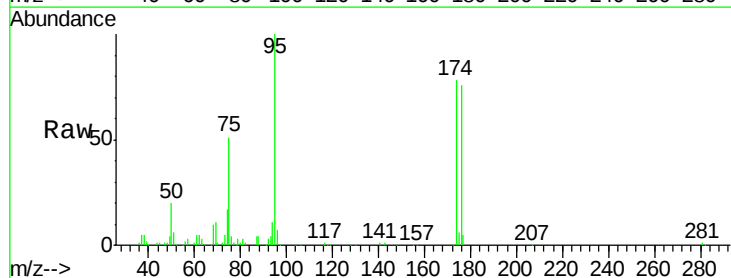
Tgt Ion: 95 Resp: 151712

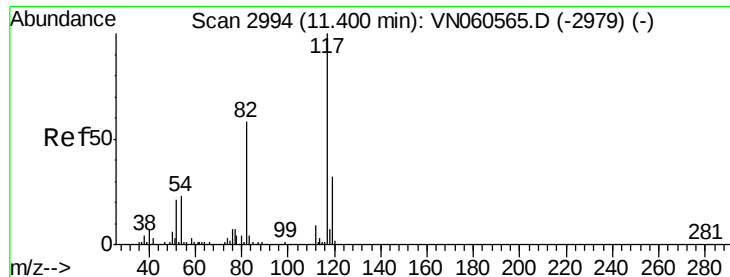
Ion Ratio Lower Upper

95 100

174 78.0 0.0 157.6

176 75.5 0.0 150.6

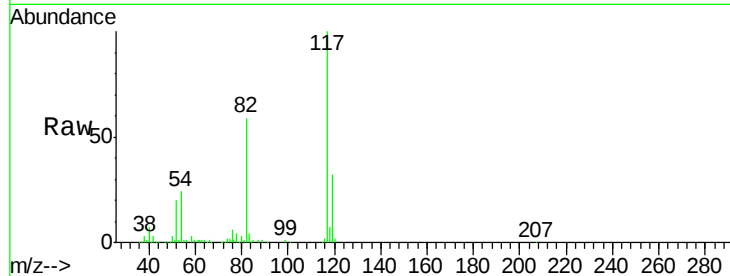




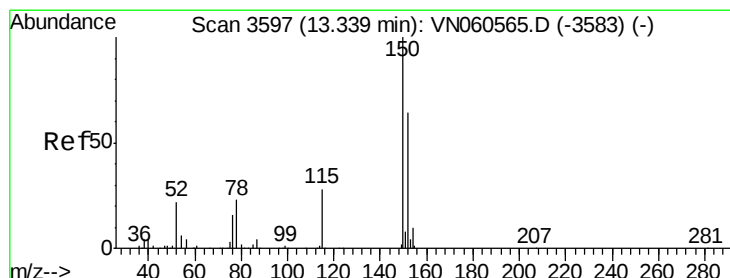
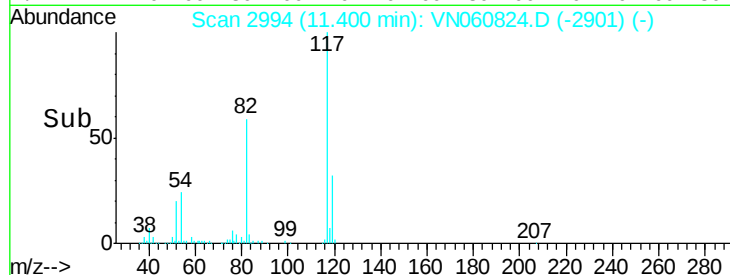
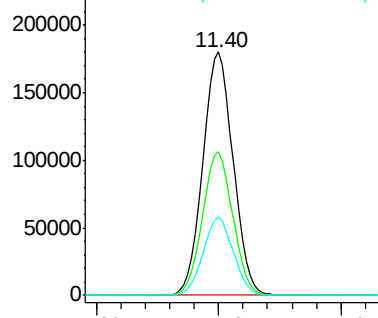
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060824.D
Acq: 2 Apr 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
PB127948TB

Tot Ion:117 Resp: 310560
Ion Ratio Lower Upper
117 100
82 58.8 46.7 70.1
119 32.1 25.5 38.3

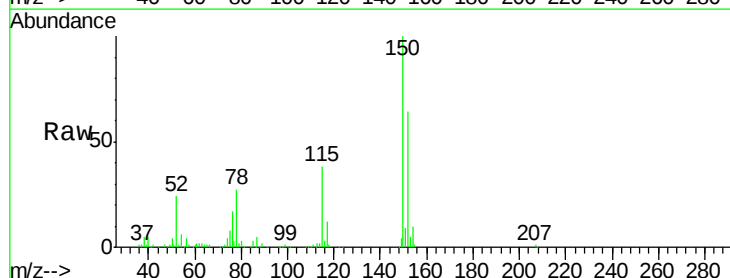


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060824.D
Acq: 2 Apr 2020 15:40

Tgt Ion:152 Resp: 139240
Ion Ratio Lower Upper
152 100
115 59.4 30.2 90.6
150 158.1 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

