

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060899.D
 Acq On : 8 Apr 2020 14:32
 Operator : JC/MD
 Sample : PB128091ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128091ZHE#03

Quant Time: Apr 09 08:56:24 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

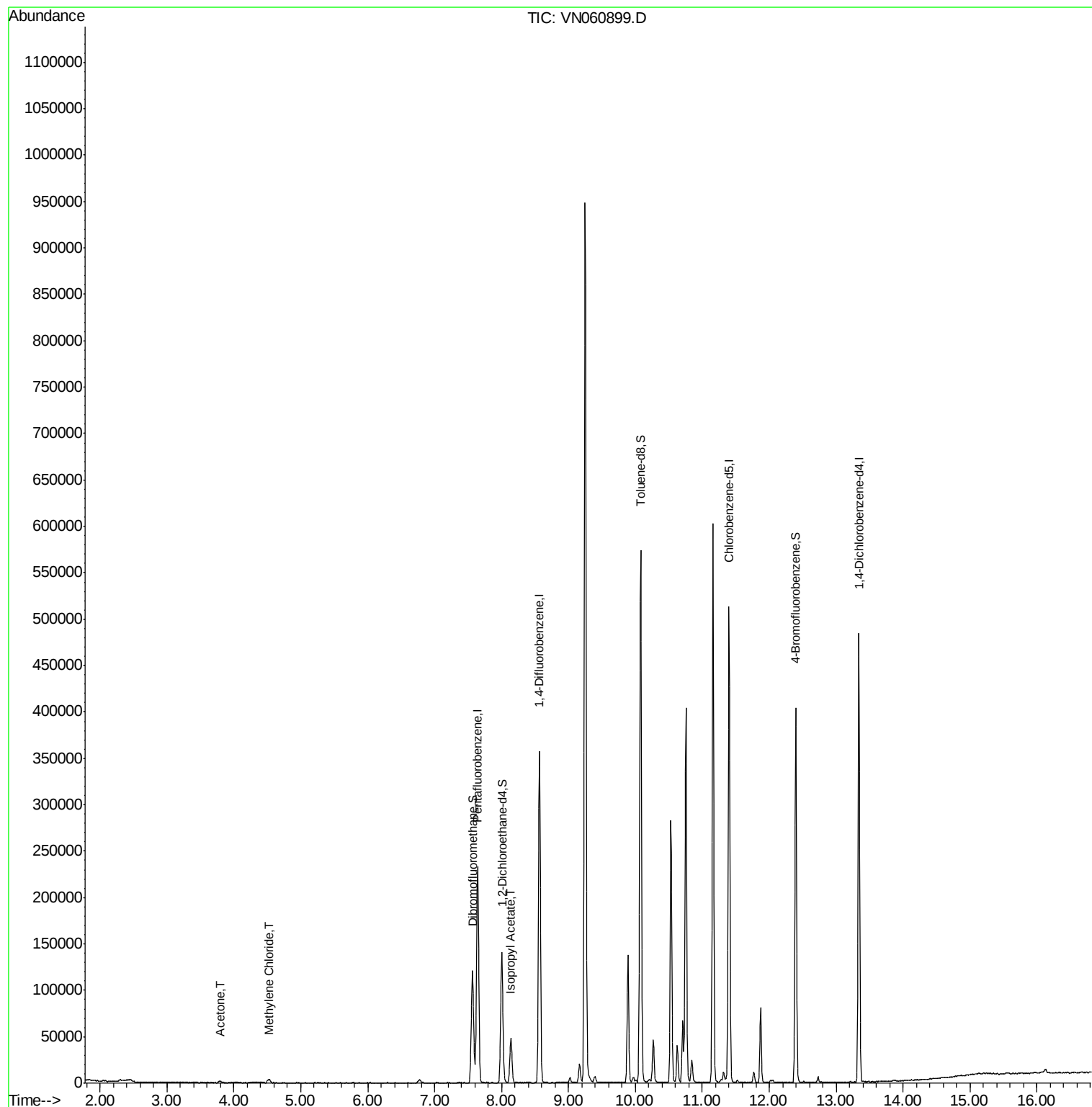
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	188663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	292260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	121711	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
35) Dibromofluoromethane	7.57	113	93492	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	10.08	98	388462	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.40	95	141264	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
16) Acetone	3.79	43	3424	3.732	ug/l	93
20) Methylene Chloride	4.52	84	3032	1.344	ug/l #	90
43) Isopropyl Acetate	8.14	43	57841	10.663	ug/l #	90

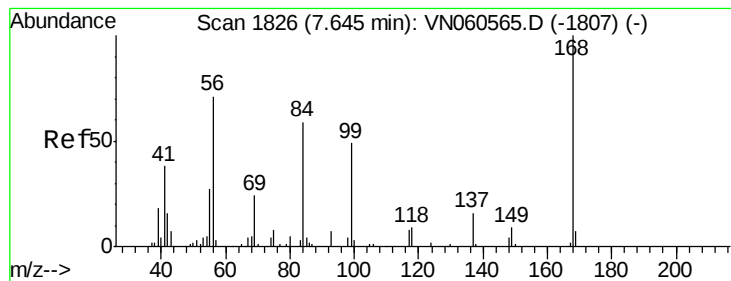
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060899.D

Acq: 8 Apr 2020 14:32

Instrument :

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ClientSampleId :

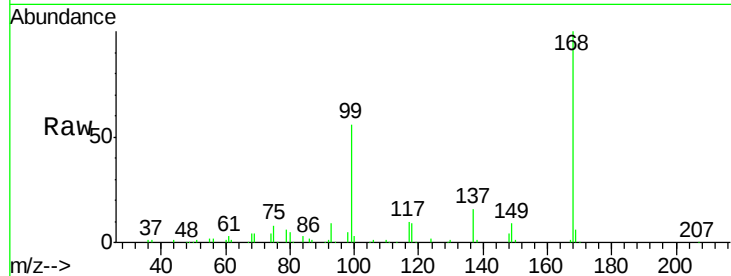
PB128091ZHE#03

Tot Ion:168 Resp: 188663

Ion Ratio Lower Upper

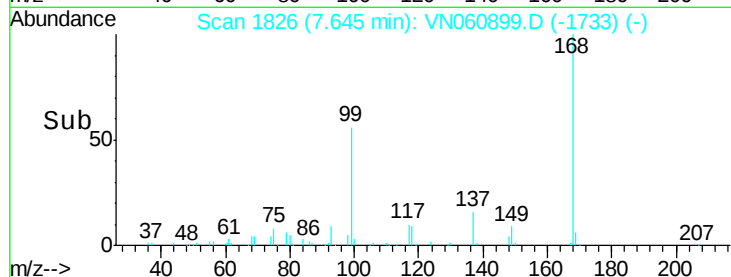
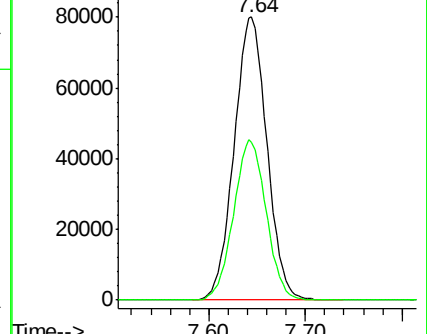
168 100

99 56.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 3.732 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060899.D

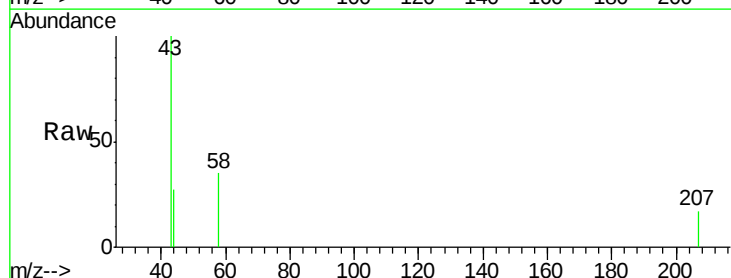
Acq: 8 Apr 2020 14:32

Tgt Ion: 43 Resp: 3424

Ion Ratio Lower Upper

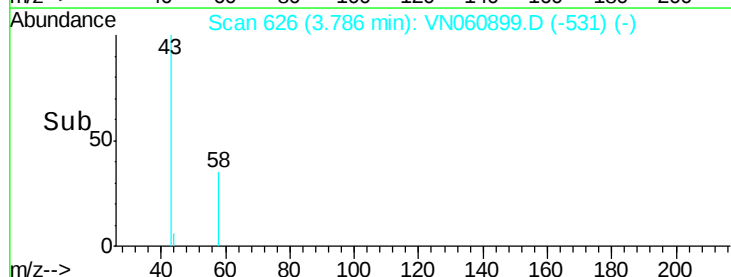
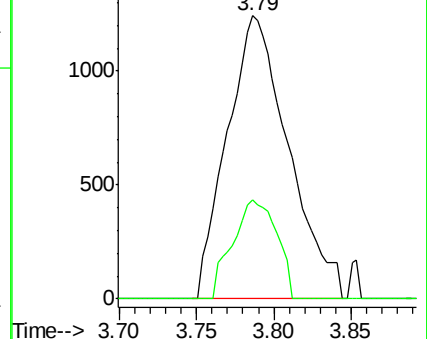
43 100

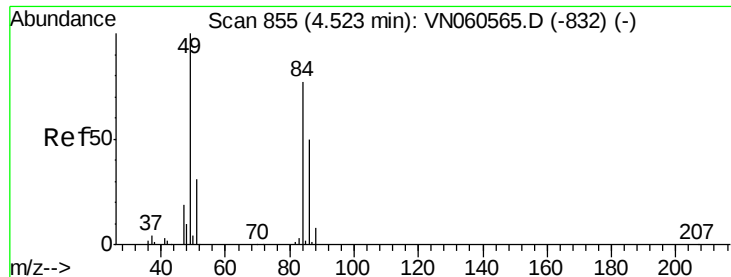
58 35.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

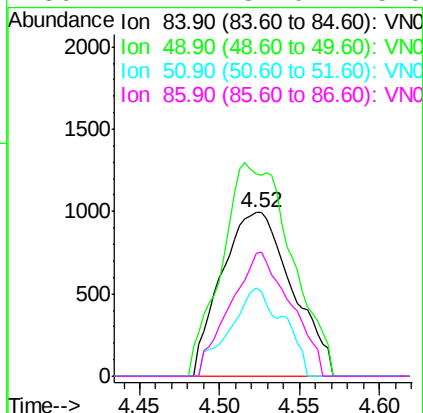
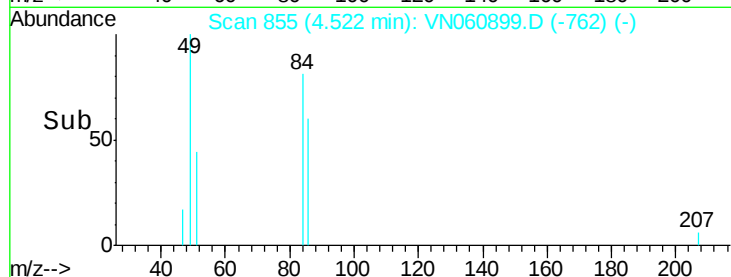
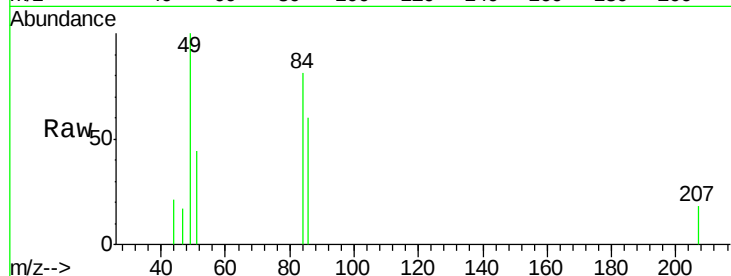




#20
Methvlene Chloride
Concen: 1.344 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060899.D
Acq: 8 Apr 2020 14:32

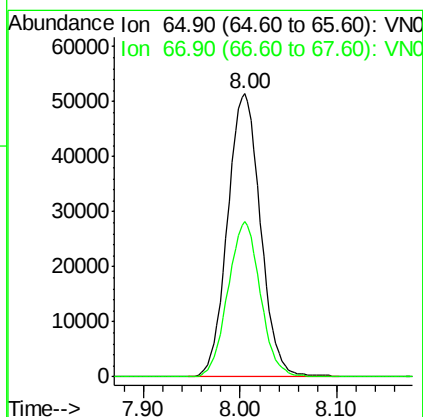
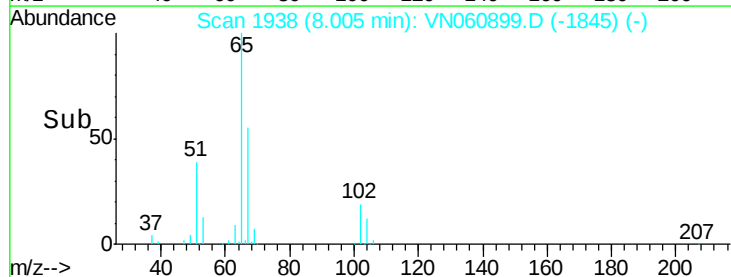
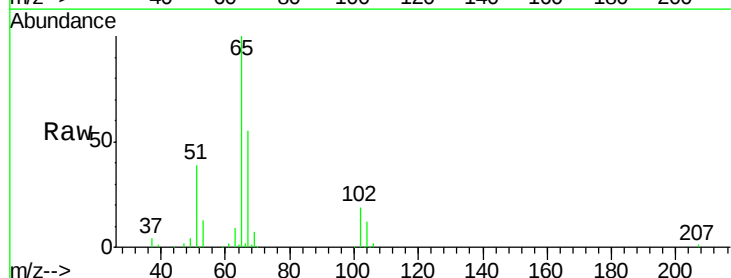
Instrument :
MSVOA_N
ClientSampleId :
PB128091ZHE#03

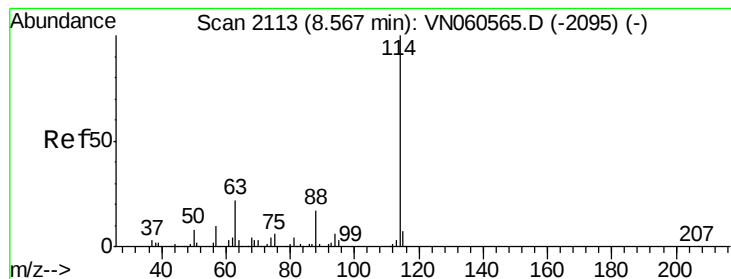
Tot Ion: 84 Resp: 3032
Ion Ratio Lower Upper
84 100
49 123.8 103.3 154.9
51 54.3 31.6 47.4#
86 74.7 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 46.994 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060899.D
Acq: 8 Apr 2020 14:32

Tgt Ion: 65 Resp: 121711
Ion Ratio Lower Upper
65 100
67 53.8 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: VN060899.D

Acq: 8 Apr 2020 14:32

Instrument :

MSVOA_N

ClientSampleId :

PB128091ZHE#03

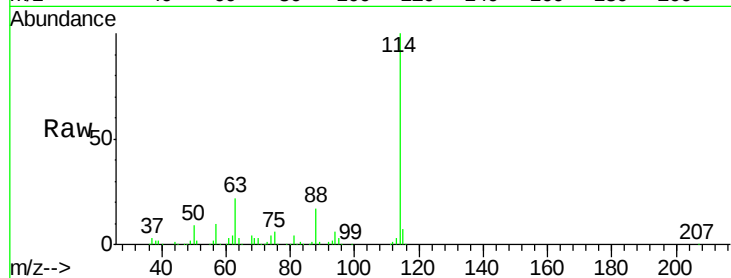
Tot Ion:114 Resp: 314358

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

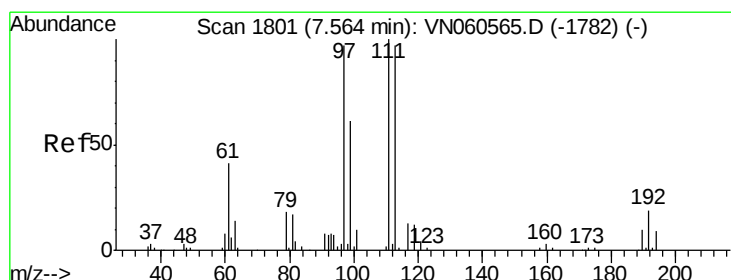
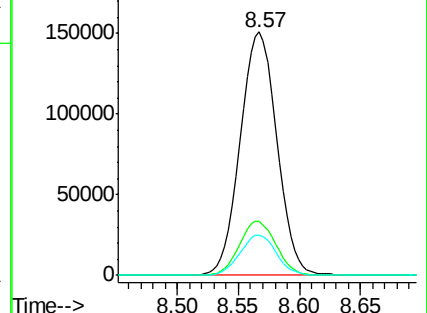
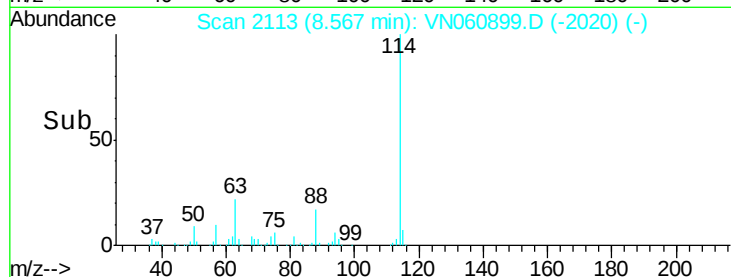
88 16.6 0.0 33.0



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: 49.185 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060899.D

Acq: 8 Apr 2020 14:32

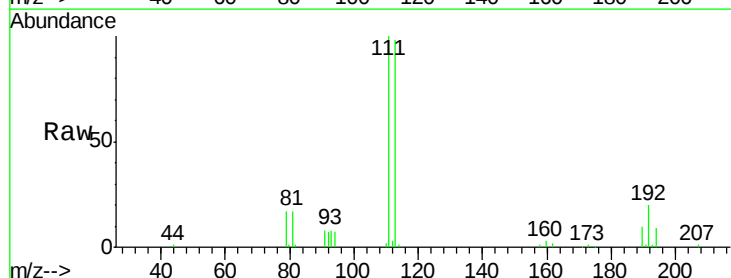
Tgt Ion:113 Resp: 93492

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

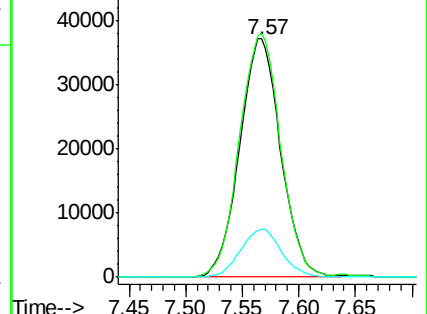
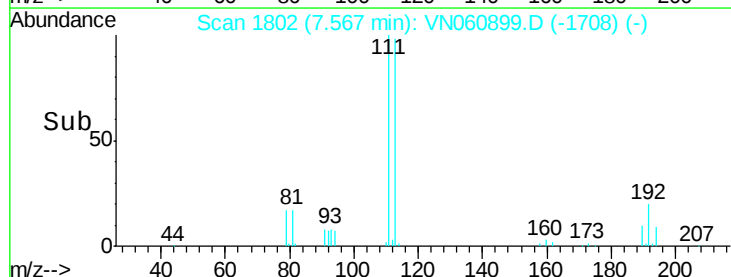
192 20.0 15.8 23.8



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: 10.663 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060899.D

Acq: 8 Apr 2020 14:32

Instrument :

MSVOA_N

ClientSampleId :

PB128091ZHE#03

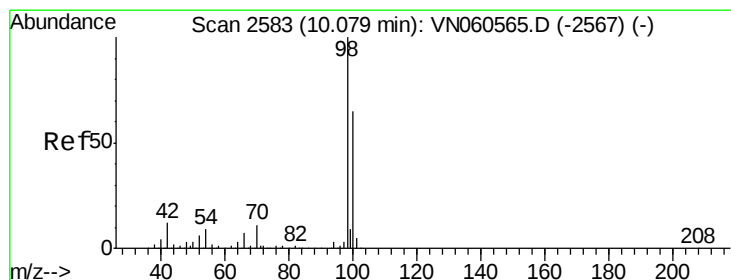
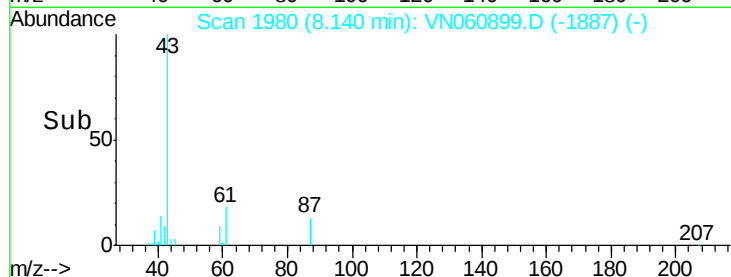
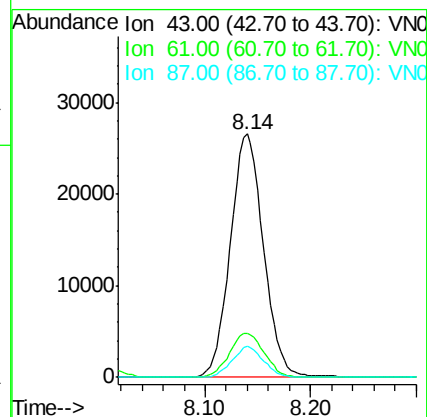
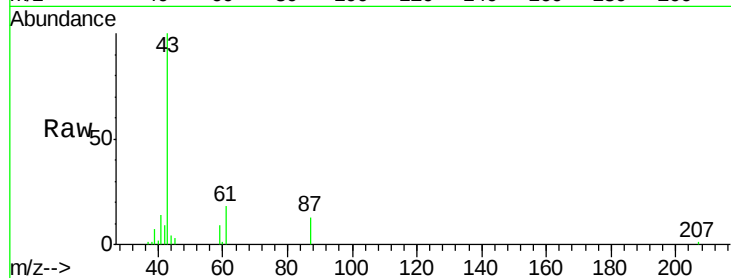
Tot Ion: 43 Resp: 57841

Ion Ratio Lower Upper

43 100

61 18.9 20.7 31.1#

87 11.9 9.8 14.8



#50

Toluene-d8

Concen: 50.033 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060899.D

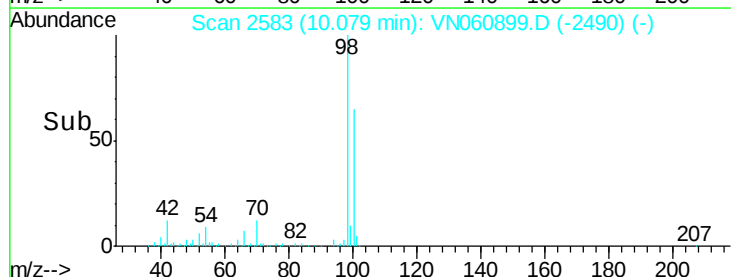
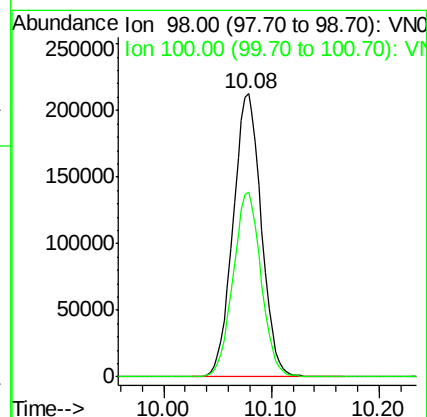
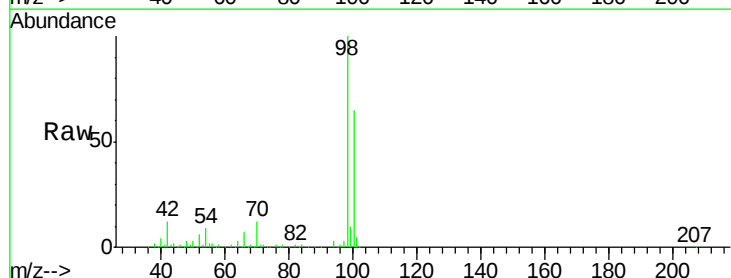
Acq: 8 Apr 2020 14:32

Tgt Ion: 98 Resp: 388462

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8

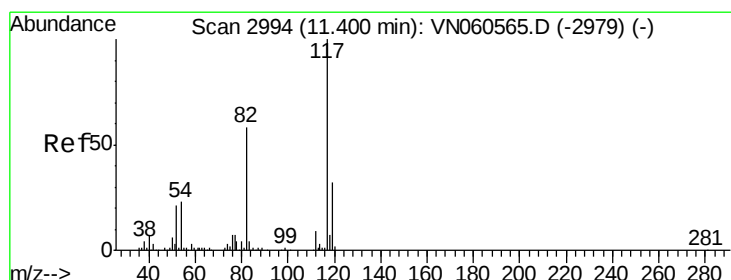
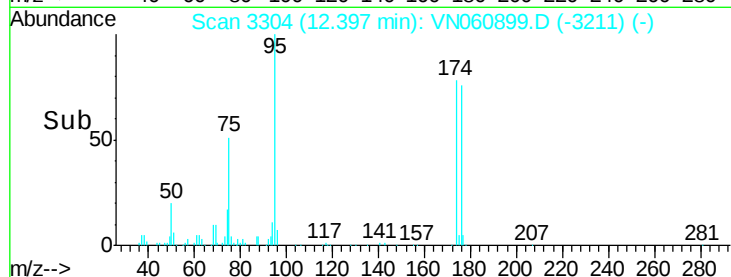
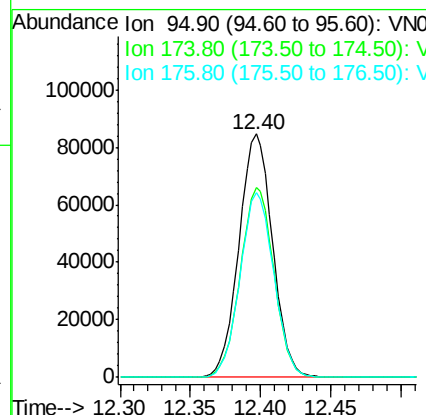
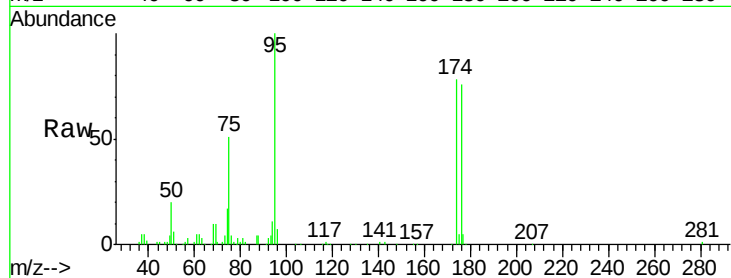




#62
4-Bromofluorobenzene
Concen: 49.646 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060899.D
Acq: 8 Apr 2020 14:32

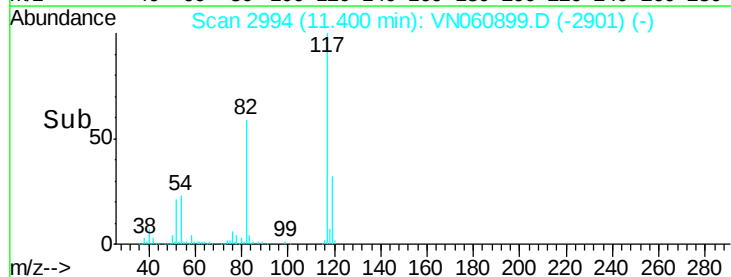
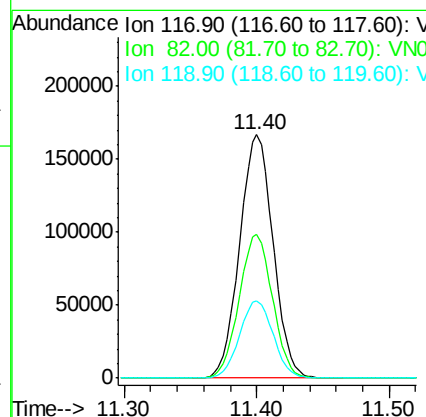
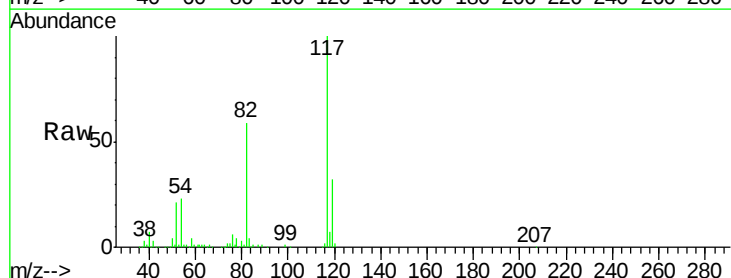
Instrument :
MSVOA_N
ClientSampleId :
PB128091ZHE#03

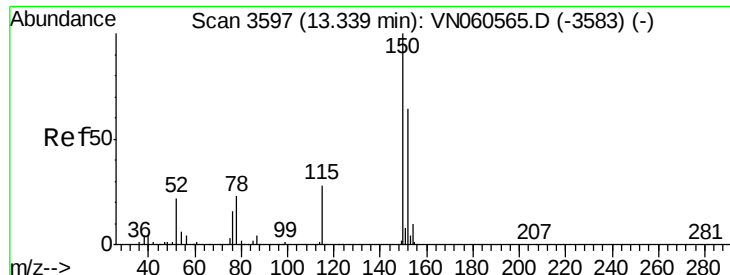
Tot Ion: 95 Resp: 141264
Ion Ratio Lower Upper
95 100
174 78.1 0.0 157.6
176 76.3 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060899.D
Acq: 8 Apr 2020 14:32

Tgt Ion: 117 Resp: 292260
Ion Ratio Lower Upper
117 100
82 58.9 46.7 70.1
119 31.7 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: VN060899.D

Acq: 8 Apr 2020 14:32

Instrument :

MSVOA_N

ClientSampleId :

PB128091ZHE#03

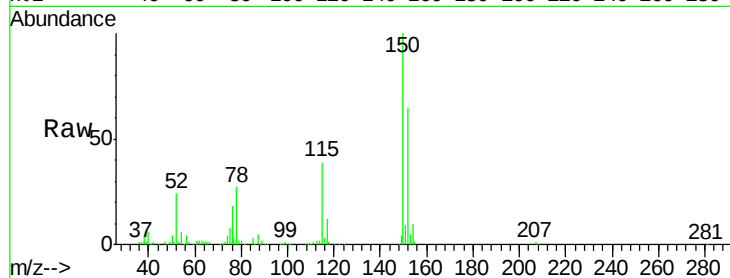
Tot Ion:152 Resp: 126757

Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

150 156.5 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

