

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063557.D
 Acq On : 23 Sep 2020 2:04
 Operator : JC/MD
 Sample : PB131772TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131772TB

Quant Time: Sep 23 07:06:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

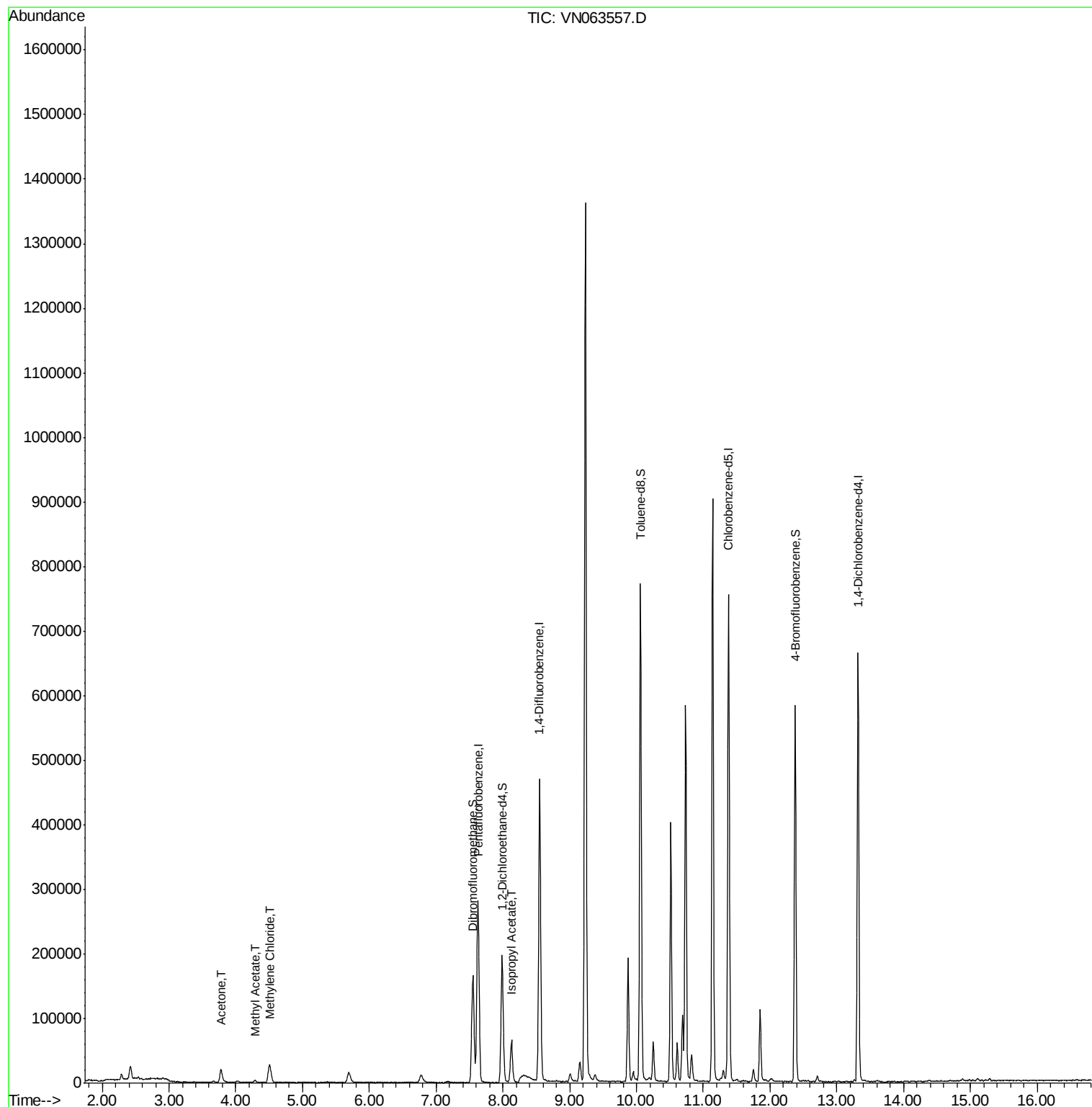
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	203750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	173855	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
35) Dibromofluoromethane	7.55	113	125255	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	10.06	98	494978	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.38	95	194375	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
Target Compounds						
16) Acetone	3.78	43	32617	29.261	ug/l	95
18) Methyl Acetate	4.29	43	4575	1.617	ug/l #	78
20) Methylene Chloride	4.51	84	18568	6.575	ug/l	97
43) Isopropyl Acetate	8.13	43	80613	11.099	ug/l	100

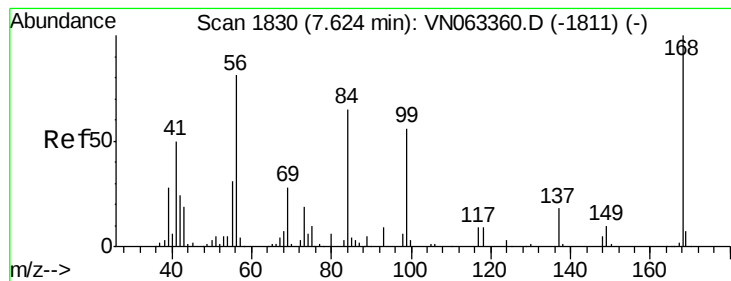
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063557.D

Acq: 23 Sep 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

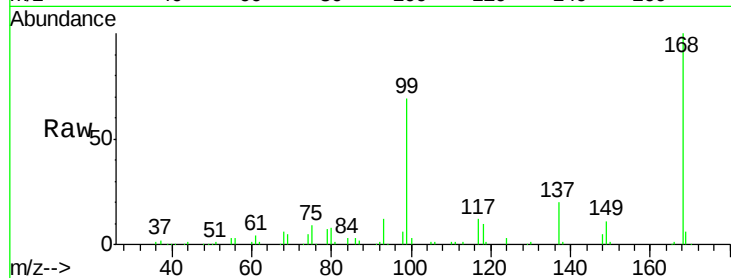
PB131772TB

Tot Ion:168 Resp: 203750

Ion Ratio Lower Upper

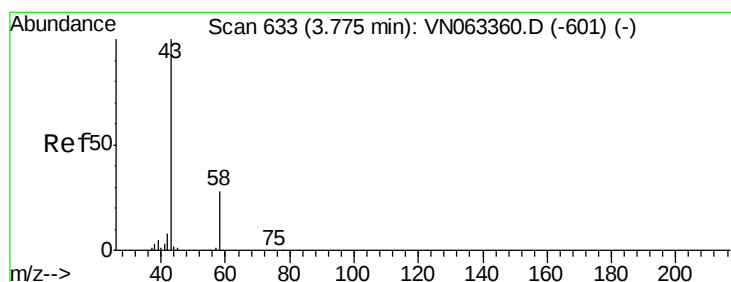
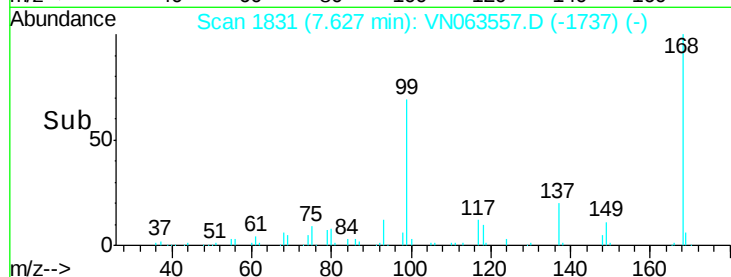
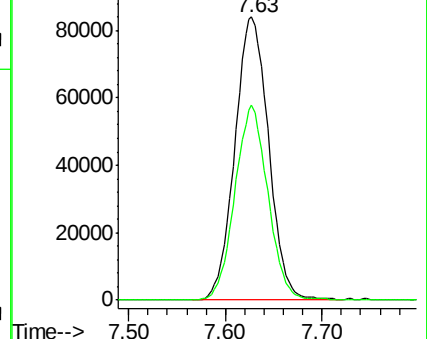
168 100

99 68.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 29.261 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063557.D

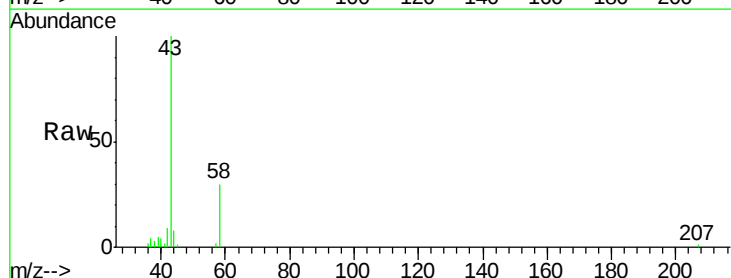
Acq: 23 Sep 2020 2:04

Tgt Ion: 43 Resp: 32617

Ion Ratio Lower Upper

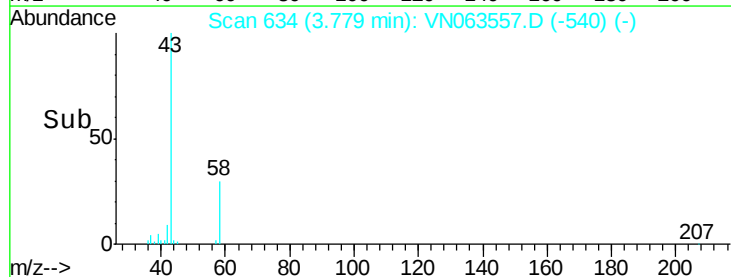
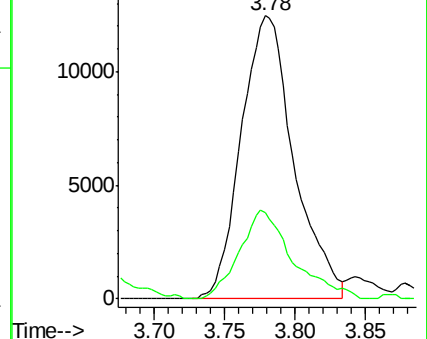
43 100

58 30.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

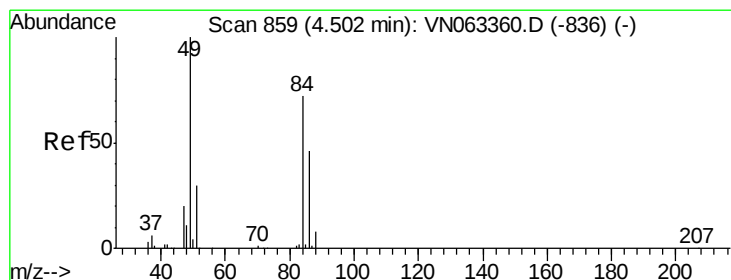
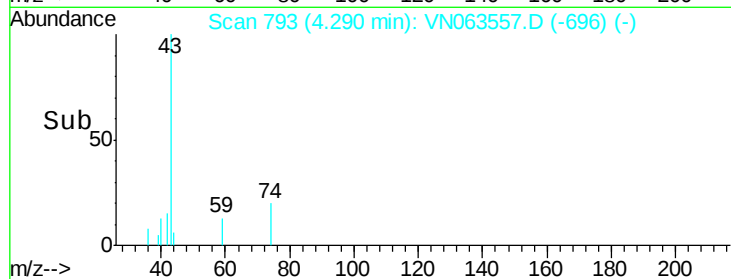
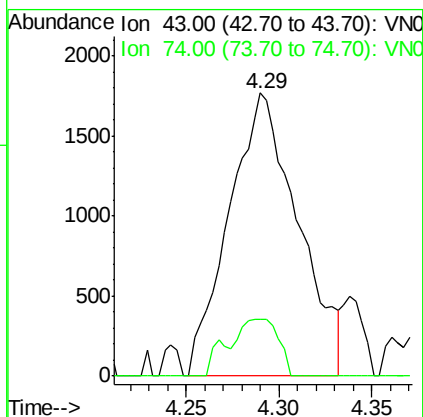
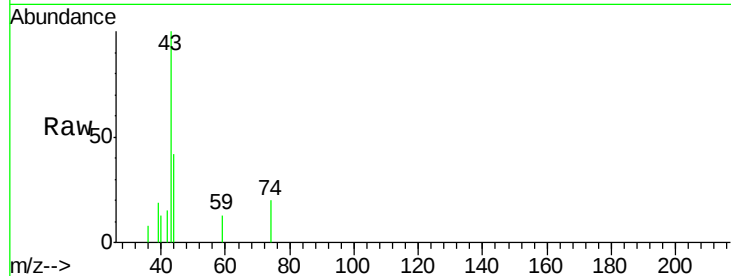




#18
Methyl Acetate
Concen: 1.617 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063557.D
Acq: 23 Sep 2020 2:04

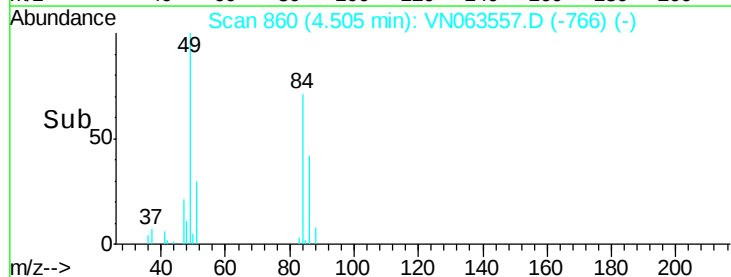
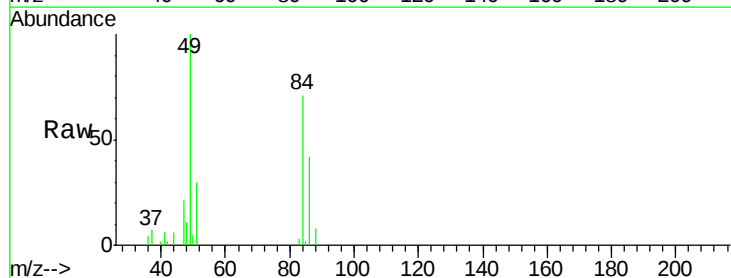
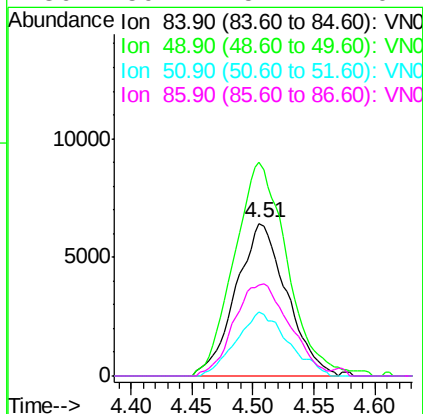
Instrument :
MSVOA_N
ClientSampleId :
PB131772TB

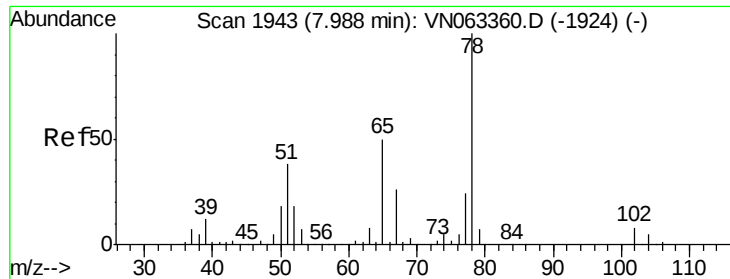
Tot Ion: 43 Resp: 4575
Ion Ratio Lower Upper
43 100
74 11.3 17.4 26.2#



#20
Methylene Chloride
Concen: 6.575 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063557.D
Acq: 23 Sep 2020 2:04

Tgt Ion: 84 Resp: 18568
Ion Ratio Lower Upper
84 100
49 140.0 110.7 166.1
51 42.3 32.9 49.3
86 59.2 51.1 76.7

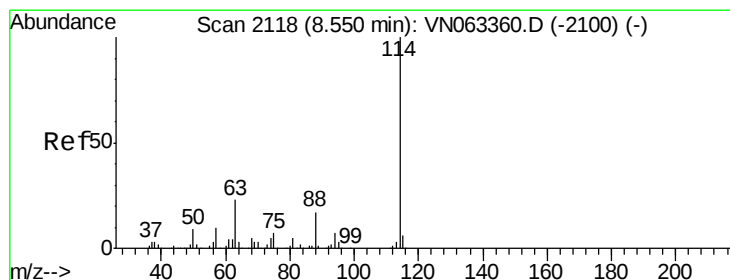
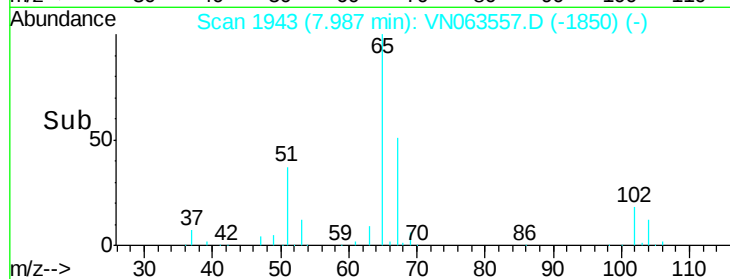
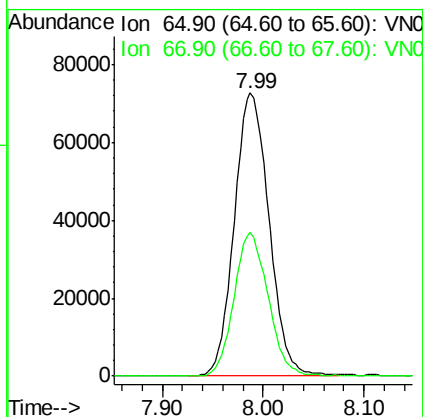
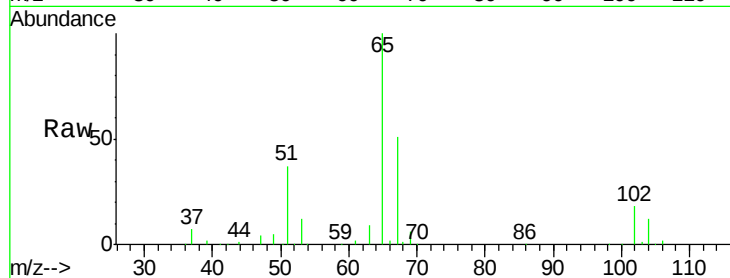




#33
 1,2-Dichloroethane-d4
 Concen: 50.126 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063557.D
 Acq: 23 Sep 2020 2:04

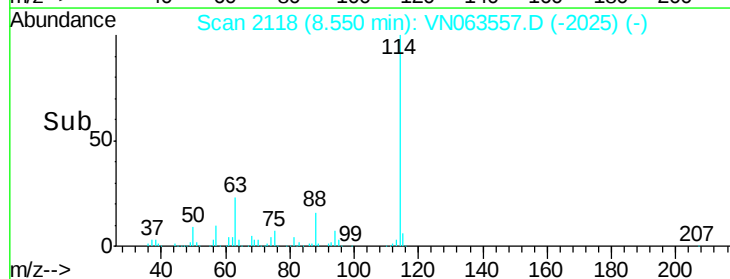
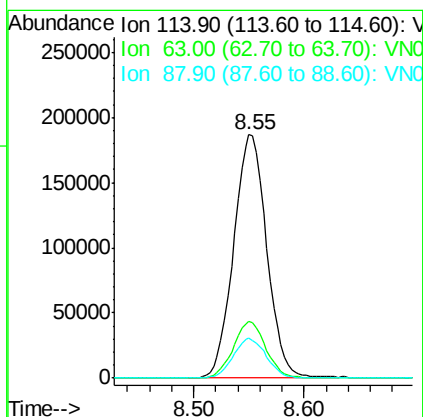
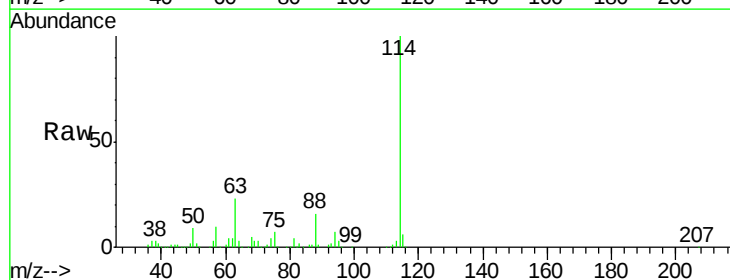
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131772TB

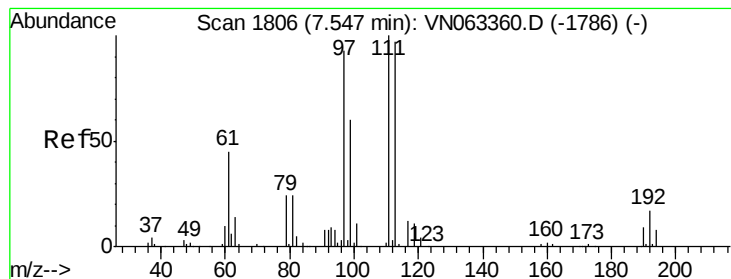
Tot Ion: 65 Resp: 173855
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063557.D
 Acq: 23 Sep 2020 2:04

Tgt Ion: 114 Resp: 388468
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.4
 88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.576 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063557.D

Acq: 23 Sep 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

PB131772TB

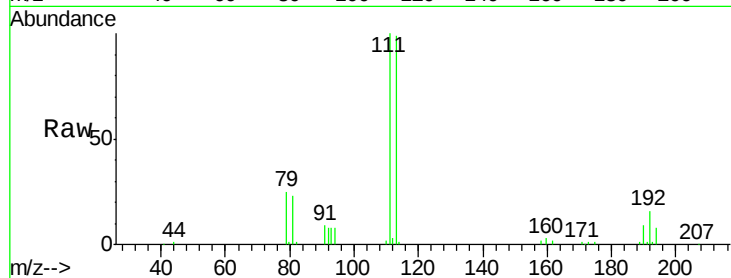
Tot Ion:113 Resp: 125255

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

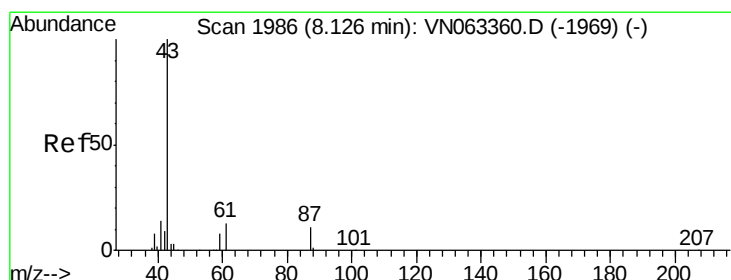
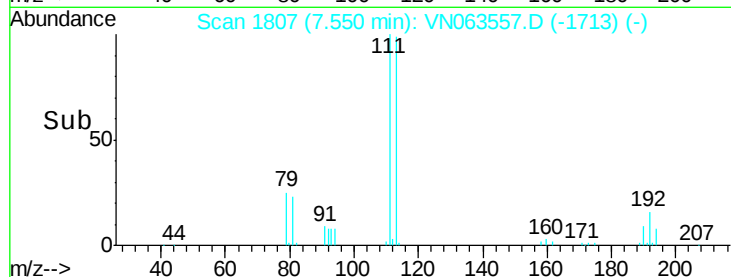
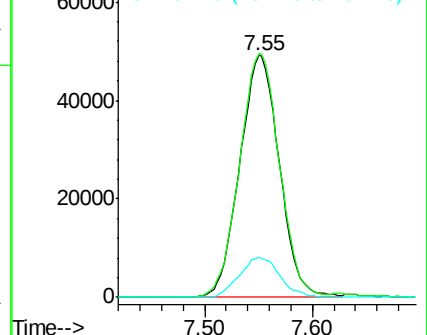
192 16.9 13.9 20.9



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: 11.099 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063557.D

Acq: 23 Sep 2020 2:04

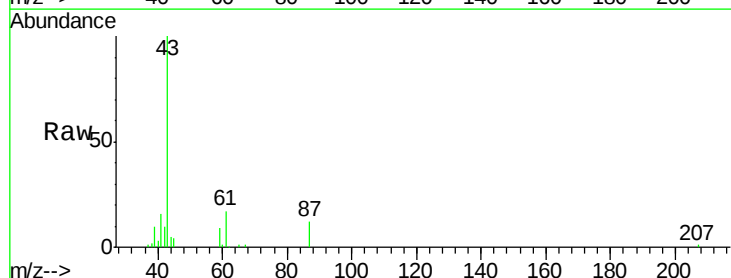
Tgt Ion: 43 Resp: 80613

Ion Ratio Lower Upper

43 100

61 17.5 14.2 21.2

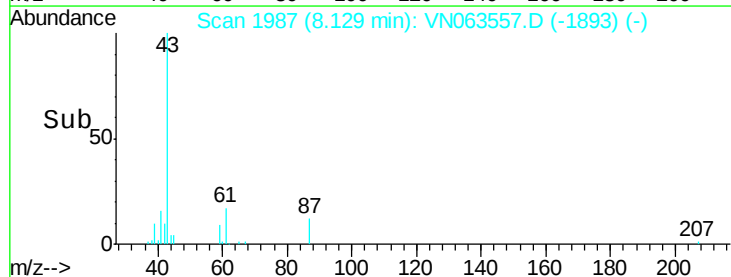
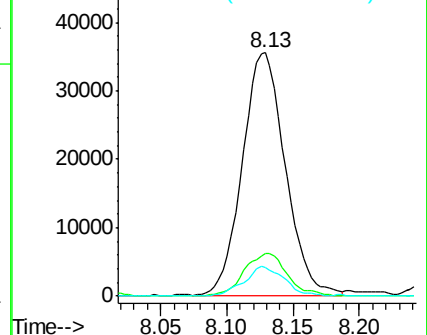
87 11.4 9.0 13.6

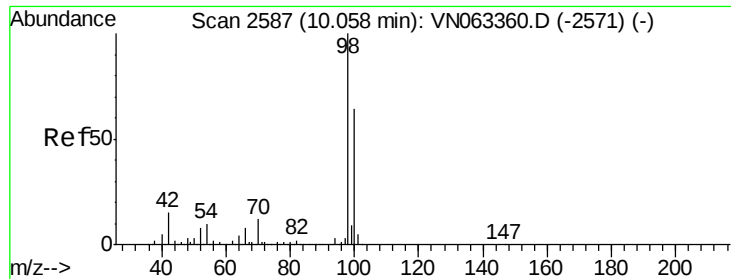


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.949 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063557.D

Acq: 23 Sep 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

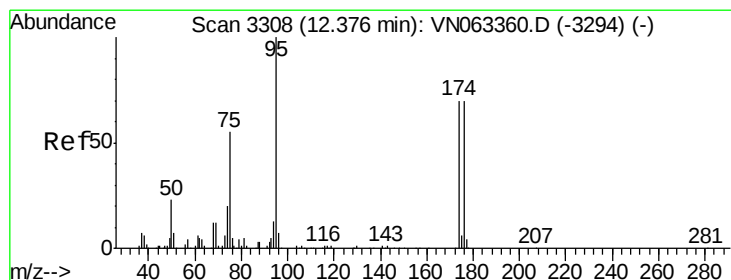
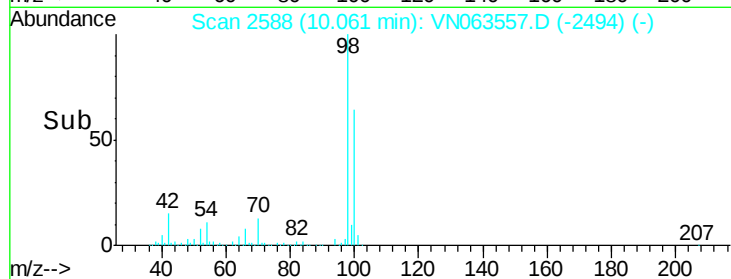
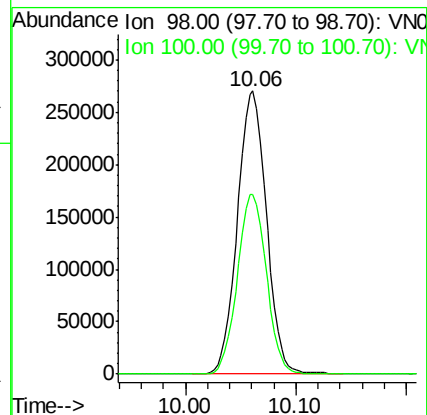
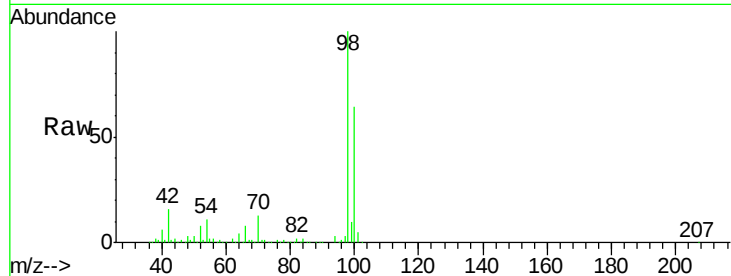
PB131772TB

Tot Ion: 98 Resp: 494978

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.435 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063557.D

Acq: 23 Sep 2020 2:04

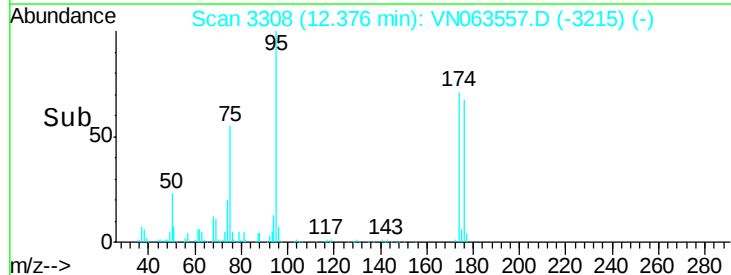
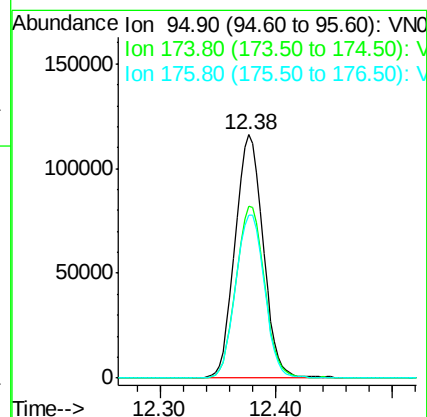
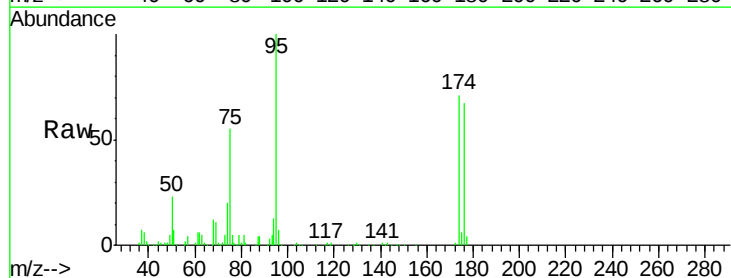
Tgt Ion: 95 Resp: 194375

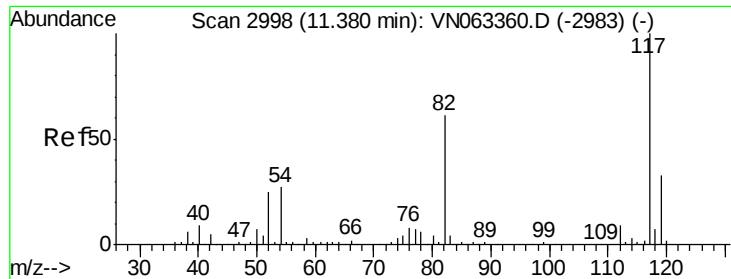
Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.8

176 68.8 0.0 137.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063557.D

Acq: 23 Sep 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

PB131772TB

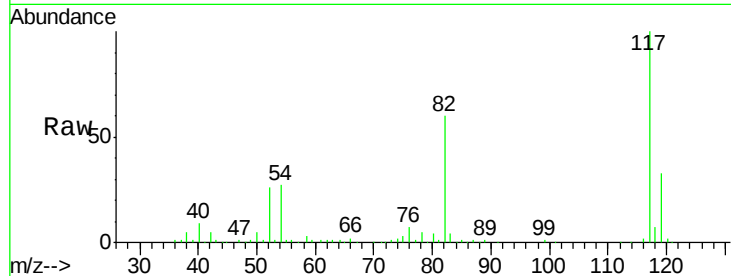
Tot Ion:117 Resp: 388565

Ion Ratio Lower Upper

117 100

82 60.3 49.2 73.8

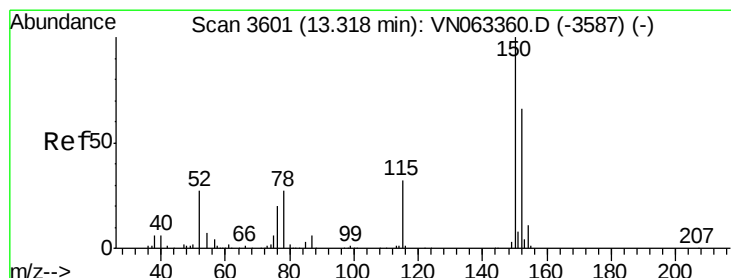
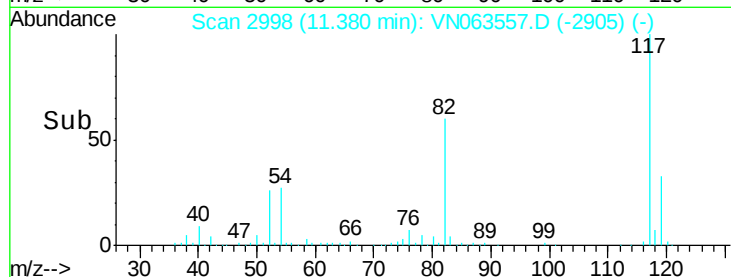
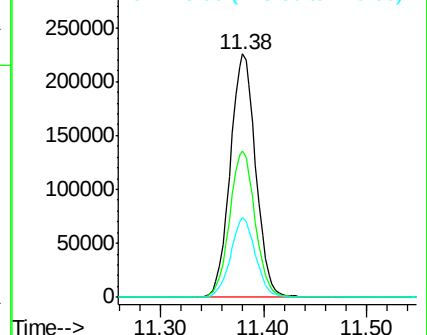
119 32.8 26.2 39.4



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: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063557.D

Acq: 23 Sep 2020 2:04

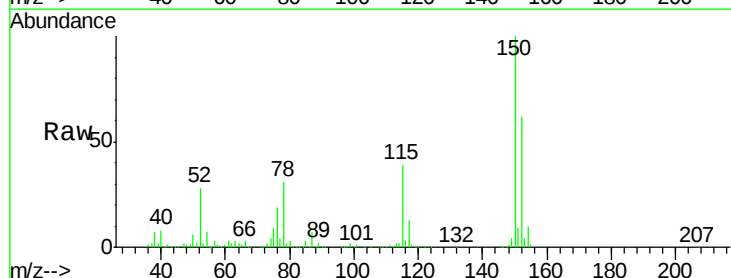
Tgt Ion:152 Resp: 158560

Ion Ratio Lower Upper

152 100

115 64.0 32.2 96.6

150 160.0 0.0 343.4



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

