

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063612.D
 Acq On : 24 Sep 2020 1:41
 Operator : JC/MD
 Sample : PB131805TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131805TB

Quant Time: Sep 24 05:30:25 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

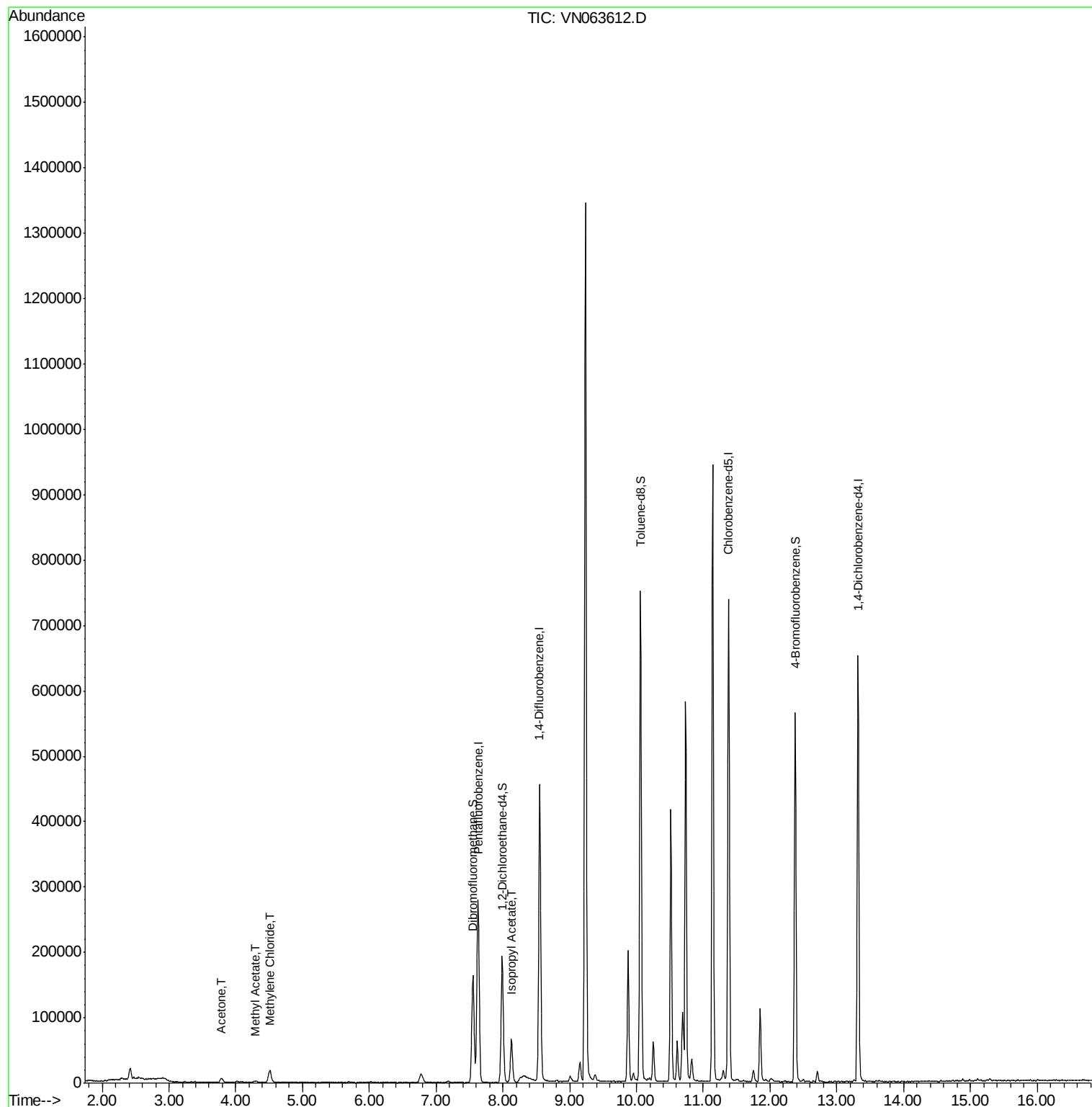
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	385725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167080	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
35) Dibromofluoromethane	7.55	113	121643	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
50) Toluene-d8	10.06	98	489595	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.38	95	189619	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
Target Compounds						
16) Acetone	3.78	43	11961	10.820	ug/l	96
18) Methyl Acetate	4.28	43	3982	1.419	ug/l #	70
20) Methylene Chloride	4.51	84	13018	4.648	ug/l	98
43) Isopropyl Acetate	8.13	43	80190	11.367	ug/l	99

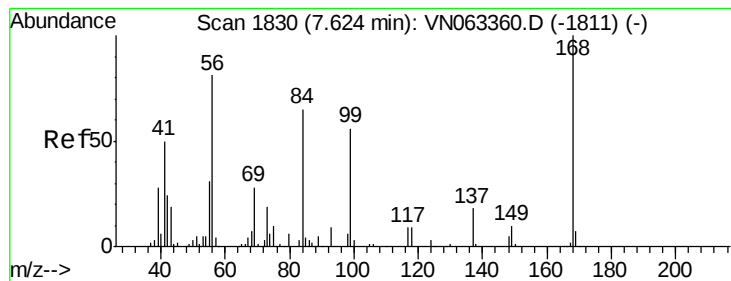
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 16 13:05:20 2020
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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: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

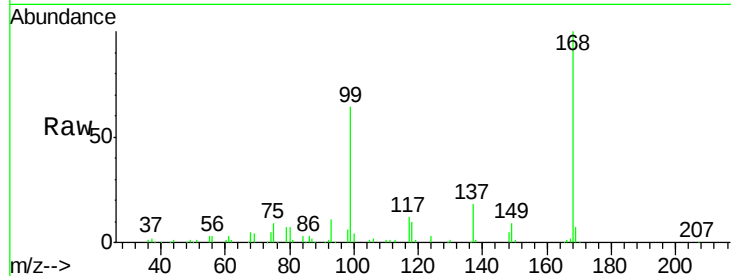
PB131805TB

Tot Ion:168 Resp: 202069

Ion Ratio Lower Upper

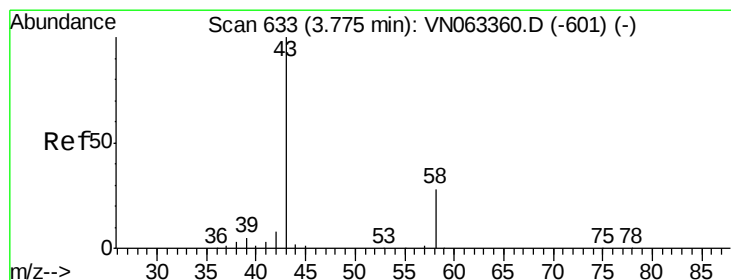
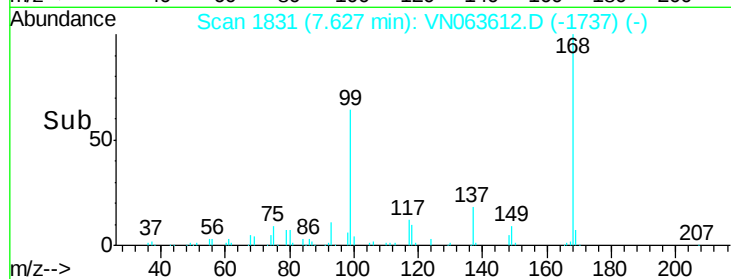
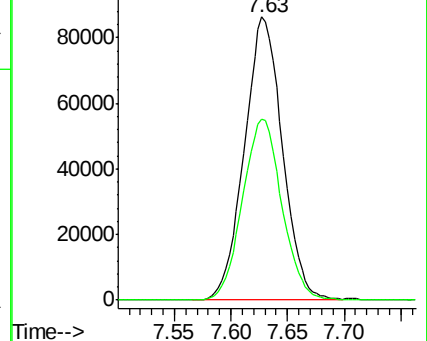
168 100

99 64.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 10.820 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063612.D

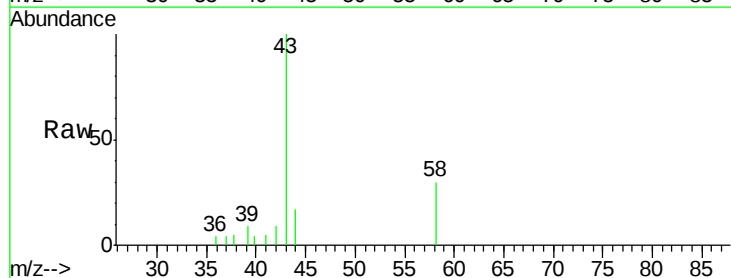
Acq: 24 Sep 2020 1:41

Tgt Ion: 43 Resp: 11961

Ion Ratio Lower Upper

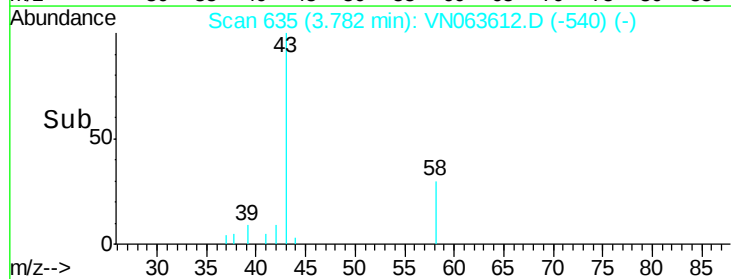
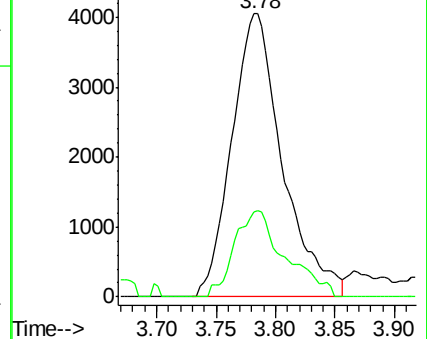
43 100

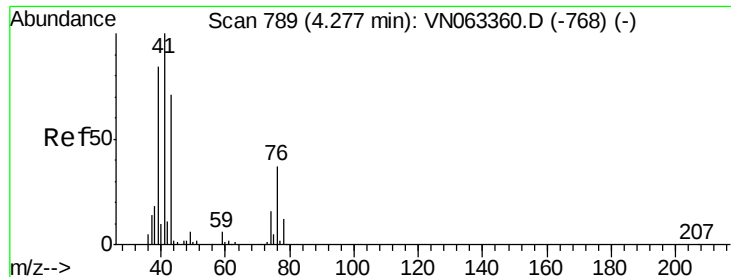
58 30.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

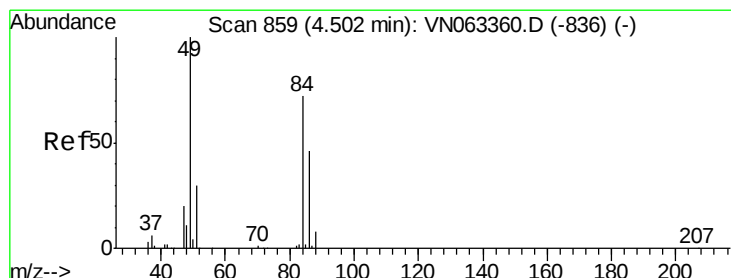
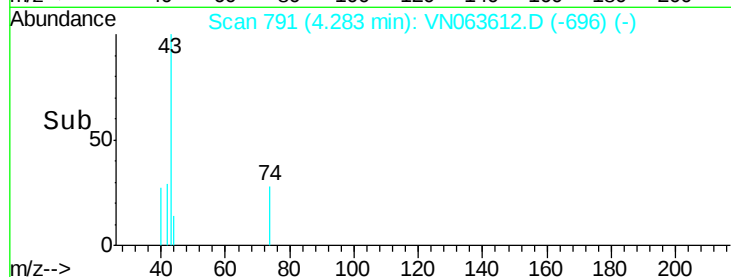
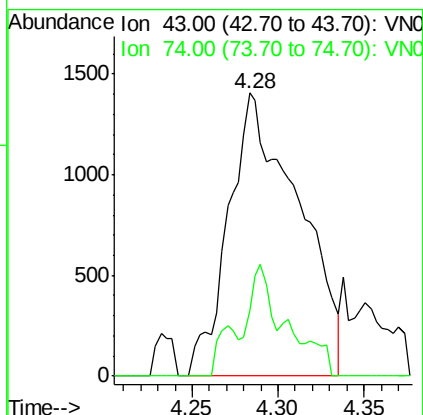
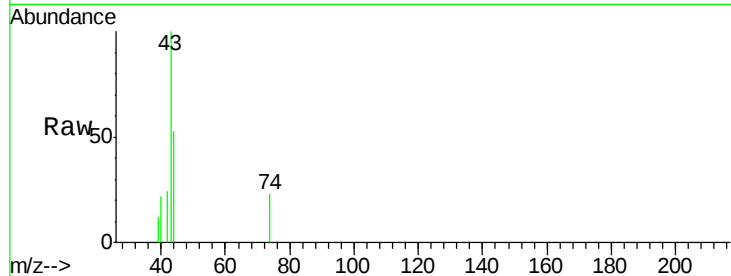




#18
Methyl Acetate
Concen: 1.419 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN063612.D
Acq: 24 Sep 2020 1:41

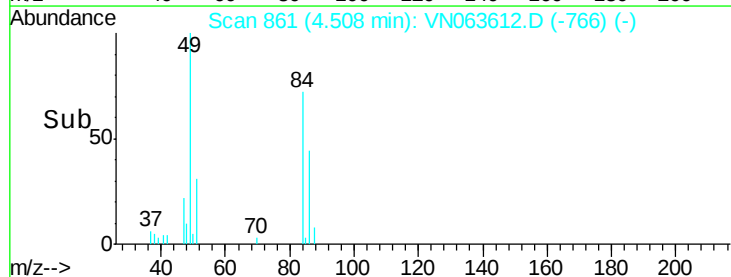
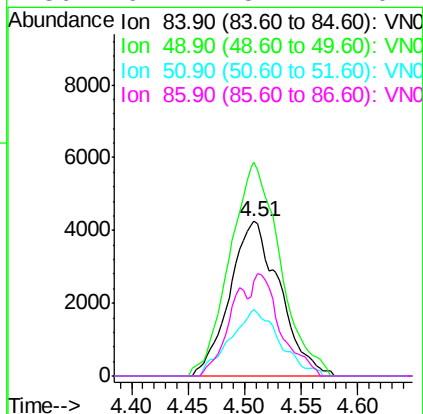
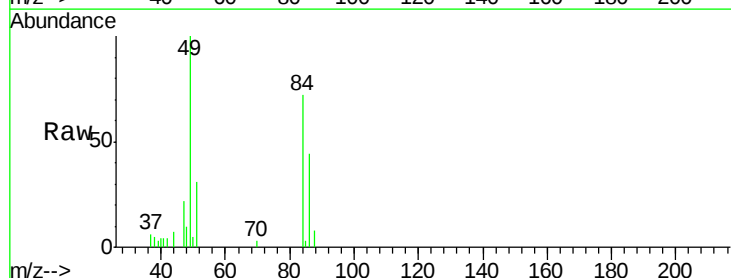
Instrument :
MSVOA_N
ClientSampled :
PB131805TB

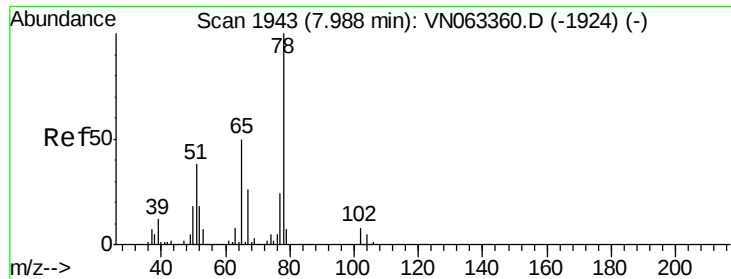
Tot Ion: 43 Resp: 3982
Ion Ratio Lower Upper
43 100
74 7.5 17.4 26.2#



#20
Methylene Chloride
Concen: 4.648 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063612.D
Acq: 24 Sep 2020 1:41

Tgt Ion: 84 Resp: 13018
Ion Ratio Lower Upper
84 100
49 138.4 110.7 166.1
51 43.2 32.9 49.3
86 61.1 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 48.573 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

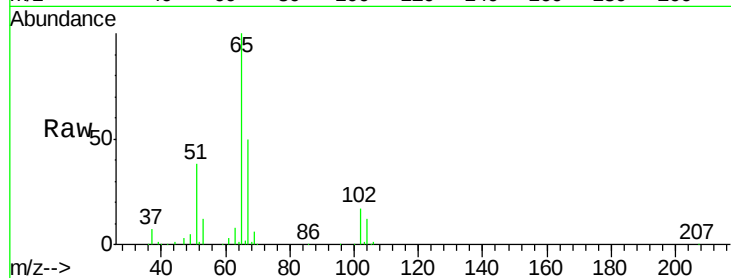
PB131805TB

Tot Ion: 65 Resp: 167080

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

7.99

80000

60000

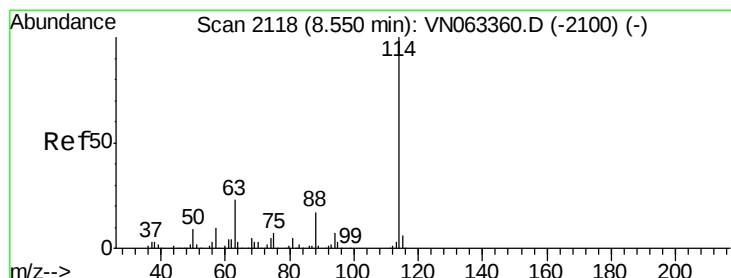
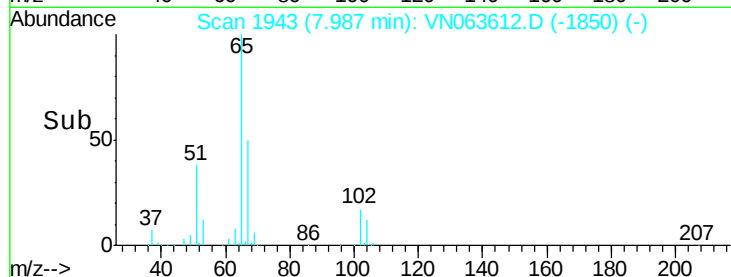
40000

20000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

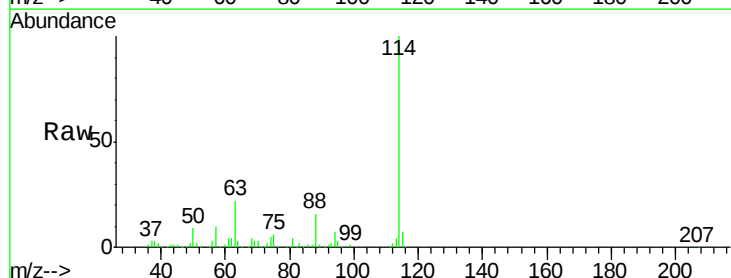
Tgt Ion: 114 Resp: 377315

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.4

88 16.3 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

8.55

250000

200000

150000

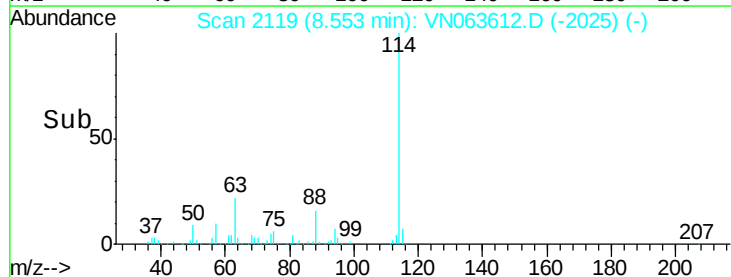
100000

50000

0

8.45 8.50 8.55 8.60 8.65

Time-->

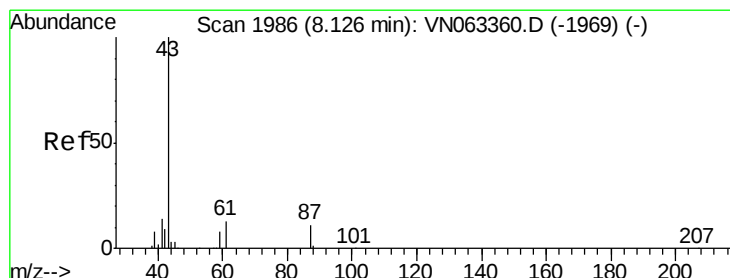
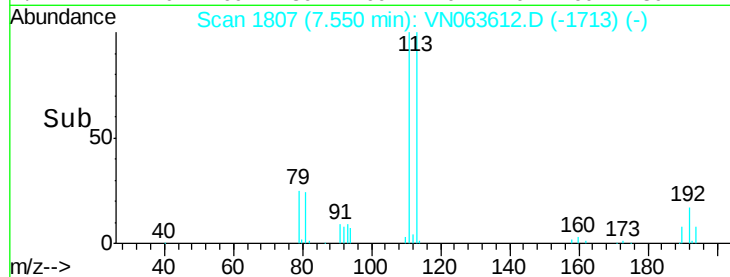
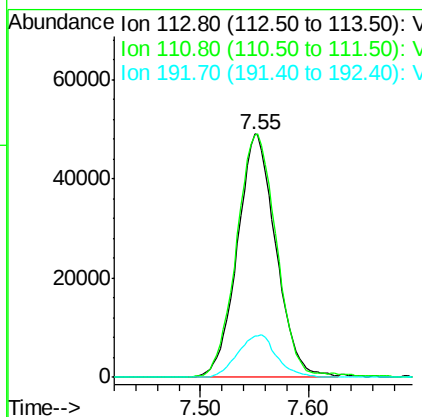
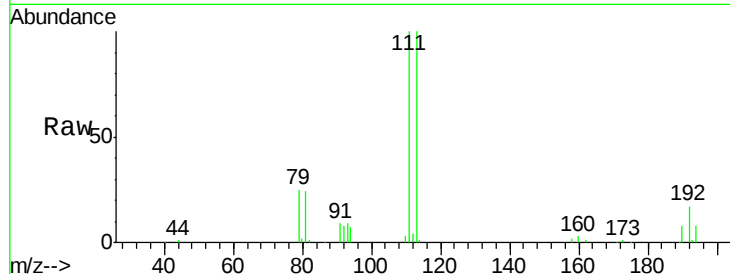




#35
 Dibromofluoromethane
 Concen: 46.569 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063612.D
 Acq: 24 Sep 2020 1:41

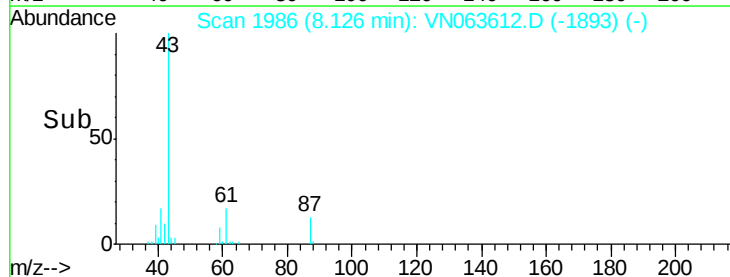
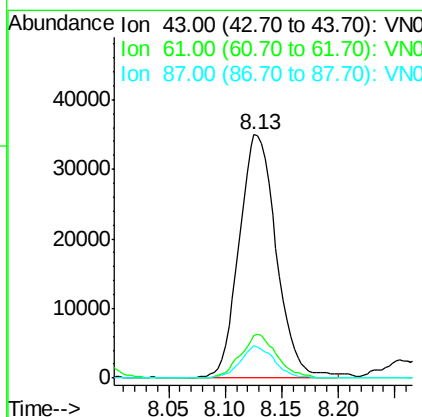
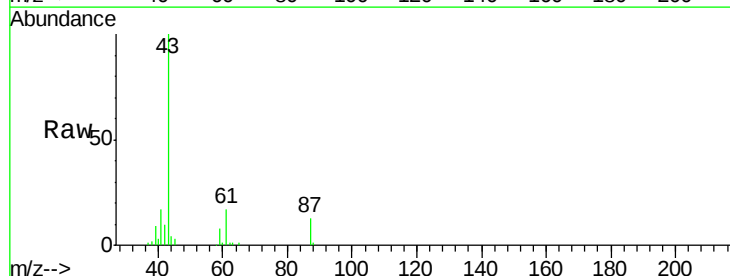
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131805TB

Tot Ion:113 Resp: 121643
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 17.6 13.9 20.9



#43
 Isopropyl Acetate
 Concen: 11.367 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN063612.D
 Acq: 24 Sep 2020 1:41

Tgt Ion: 43 Resp: 80190
 Ion Ratio Lower Upper
 43 100
 61 17.4 14.2 21.2
 87 12.2 9.0 13.6





#50

Toluene-d8

Concen: 49.847 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

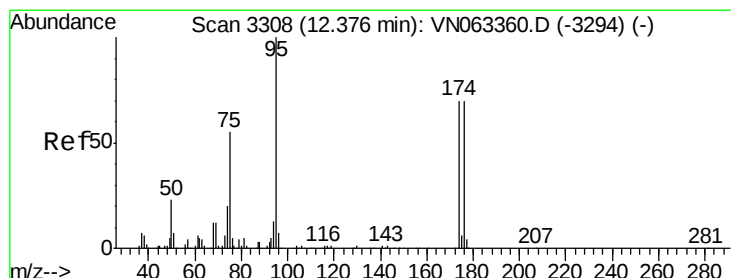
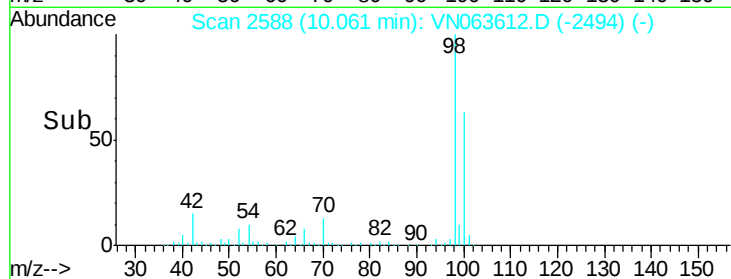
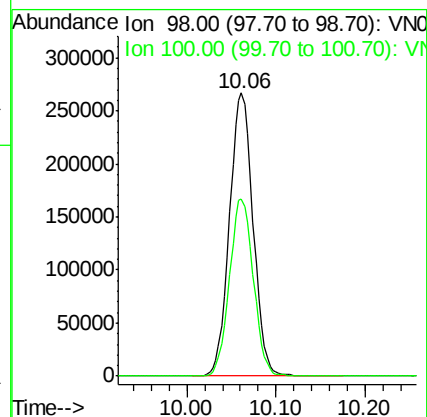
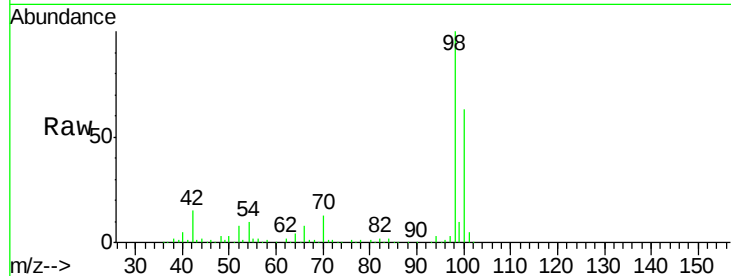
PB131805TB

Tot Ion: 98 Resp: 489595

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.664 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063612.D

Acq: 24 Sep 2020 1:41

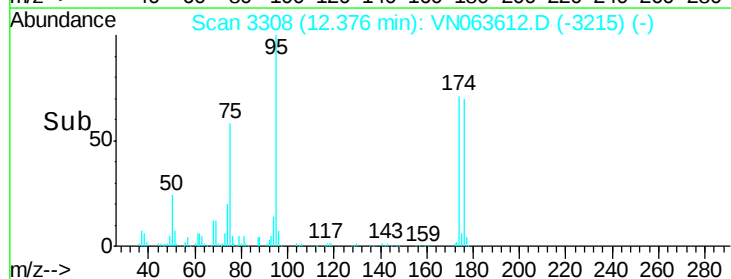
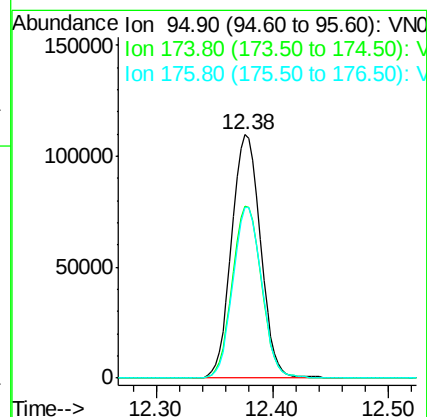
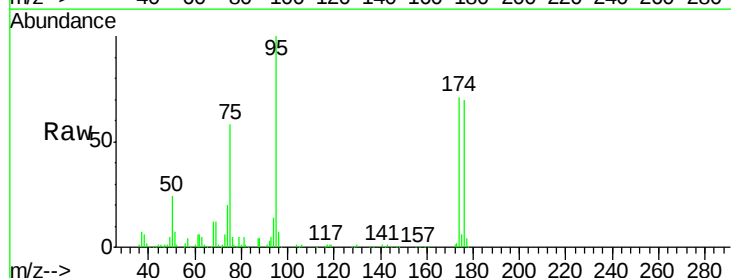
Tgt Ion: 95 Resp: 189619

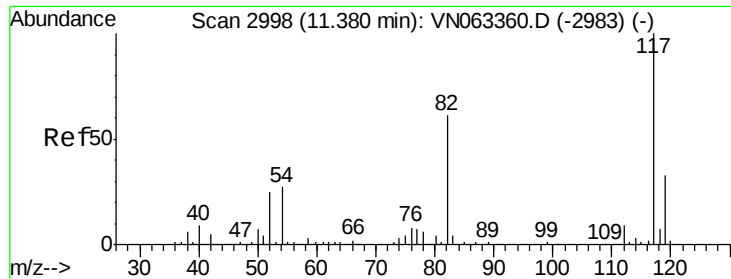
Ion Ratio Lower Upper

95 100

174 71.0 0.0 140.8

176 69.5 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: VN063612.D

Acq: 24 Sep 2020 1:41

Instrument :

MSVOA_N

ClientSampleId :

PB131805TB

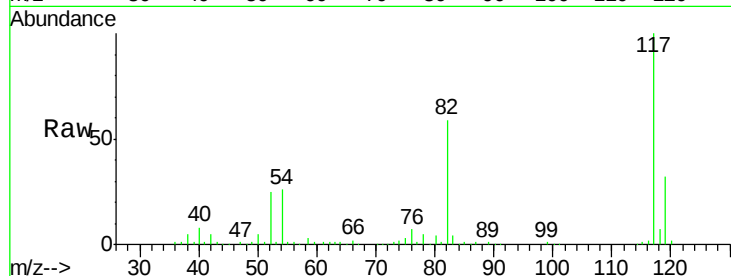
Tot Ion:117 Resp: 385725

Ion Ratio Lower Upper

117 100

82 59.2 49.2 73.8

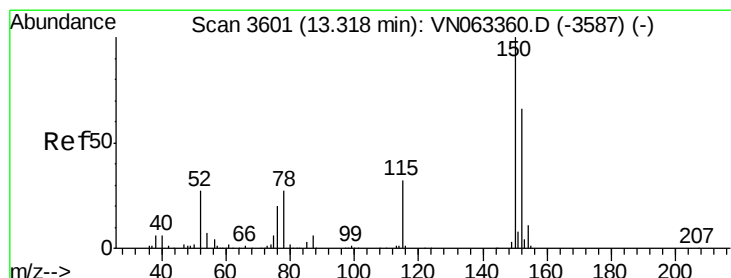
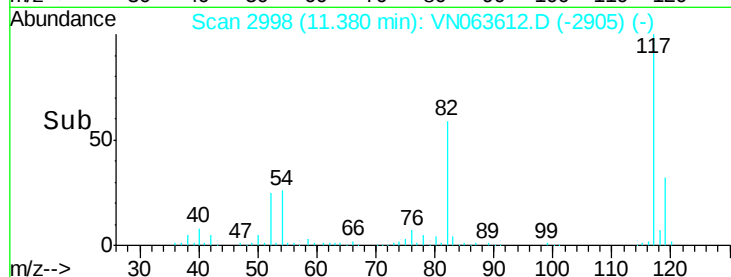
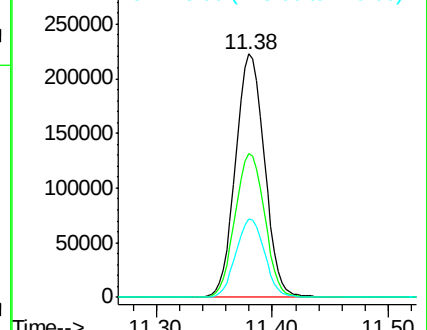
119 32.1 26.2 39.4



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: VN063612.D

Acq: 24 Sep 2020 1:41

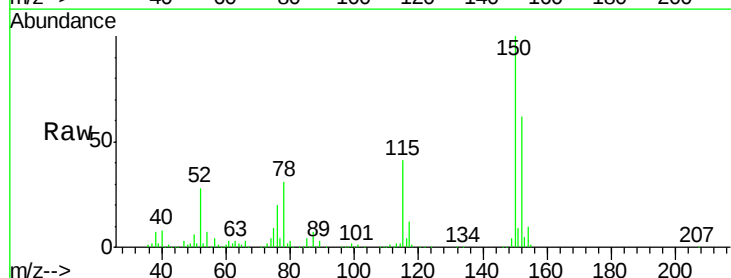
Tgt Ion:152 Resp: 157326

Ion Ratio Lower Upper

152 100

115 65.1 32.2 96.6

150 157.6 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

