

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN072820\  
 Data File : VN062636.D  
 Acq On : 28 Jul 2020 17:07  
 Operator : JC/MD  
 Sample : PB130507TB  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB130507TB

Quant Time: Jul 29 04:59:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072120W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 21 18:48:59 2020  
 Response via : Initial Calibration

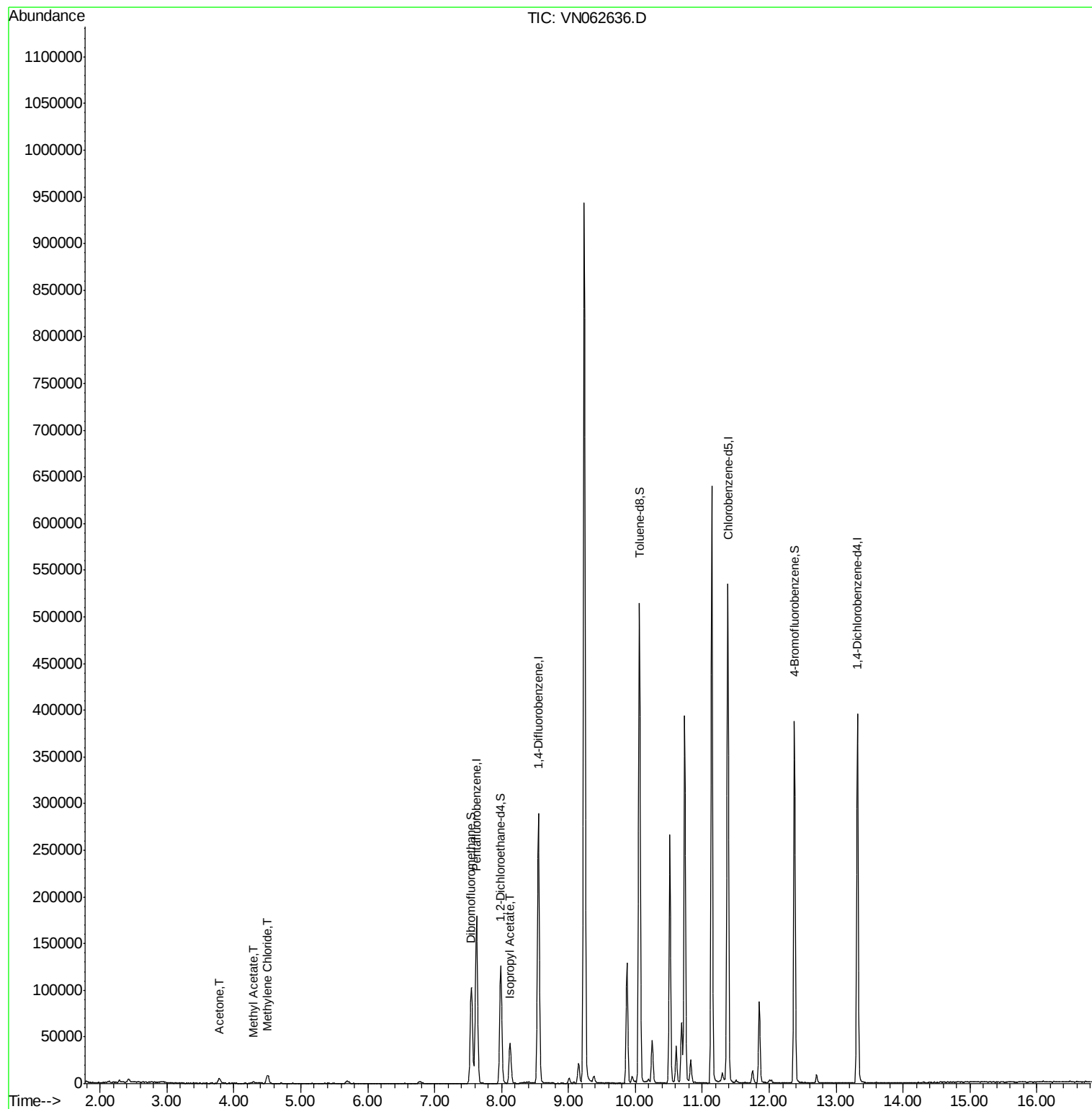
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 137220   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 243266   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 287375   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 101537   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 116575   | 54.69  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 109.38% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 79188    | 49.56  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.12%  |          |
| 50) Toluene-d8              | 10.06 | 98   | 340628   | 53.43  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 106.86% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 137692   | 59.07  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 118.14% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.78  | 43   | 9914     | 12.359 | ug/l    | 91       |
| 18) Methyl Acetate          | 4.29  | 43   | 3170     | 1.561  | ug/l #  | 81       |
| 20) Methylene Chloride      | 4.50  | 84   | 6715     | 3.490  | ug/l    | 86       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 52443    | 11.639 | ug/l #  | 91       |

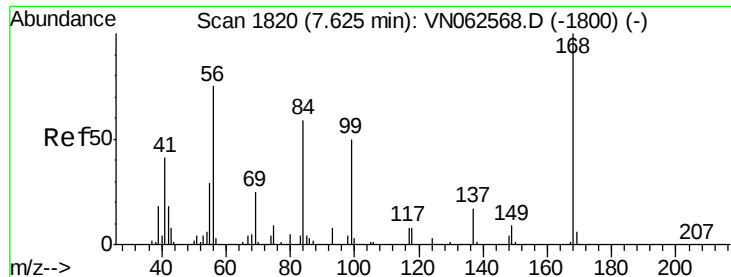
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_N\DATA\VN072820\  
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Quant Title : SW846 8260  
QLast Update : Tue Jul 21 18:48:59 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062636.D

Acq: 28 Jul 2020 17:07

Instrument :

MSVOA\_N

ClientSampleId :

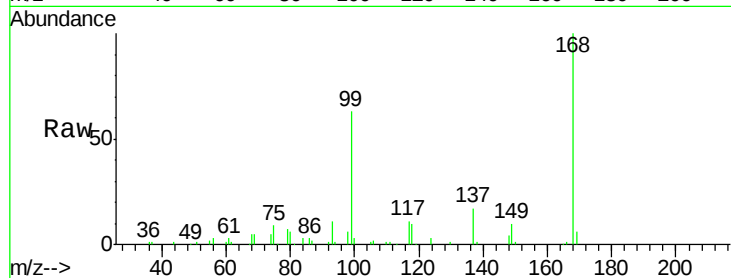
PB130507TB

Tgt Ion:168 Resp: 137220

Ion Ratio Lower Upper

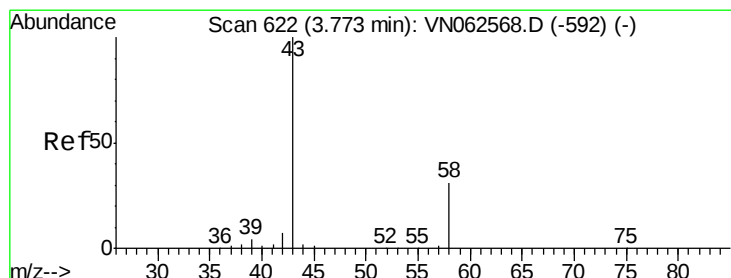
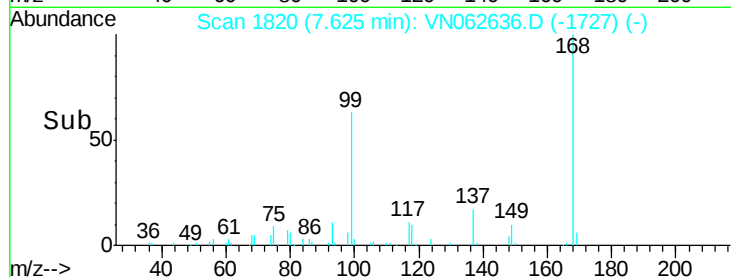
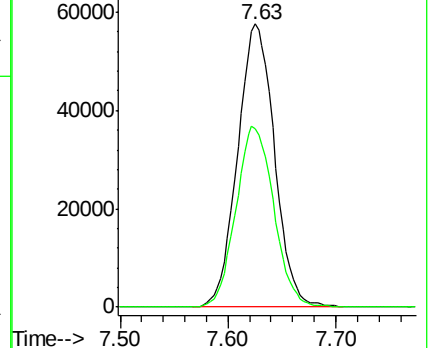
168 100

99 62.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 12.359 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062636.D

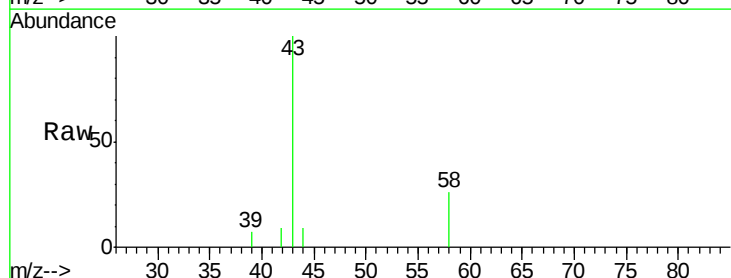
Acq: 28 Jul 2020 17:07

Tgt Ion: 43 Resp: 9914

Ion Ratio Lower Upper

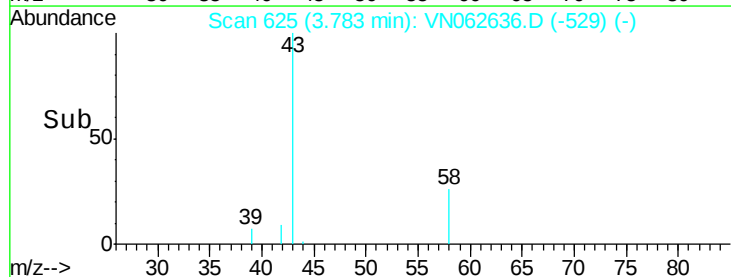
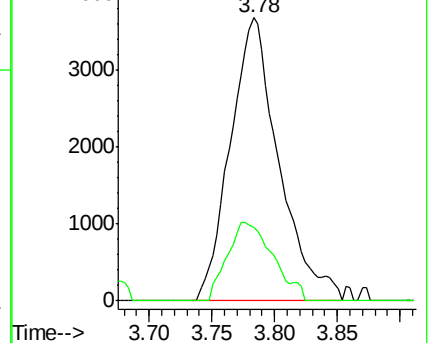
43 100

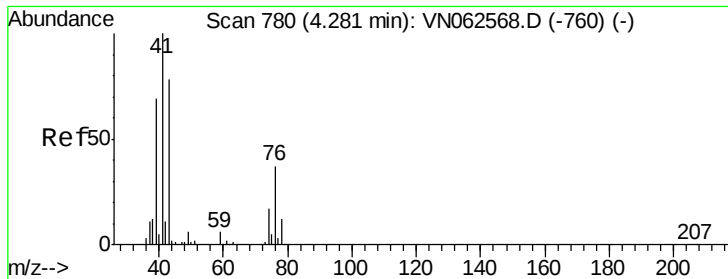
58 26.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

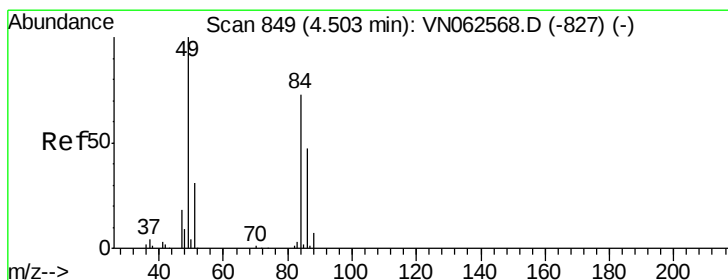
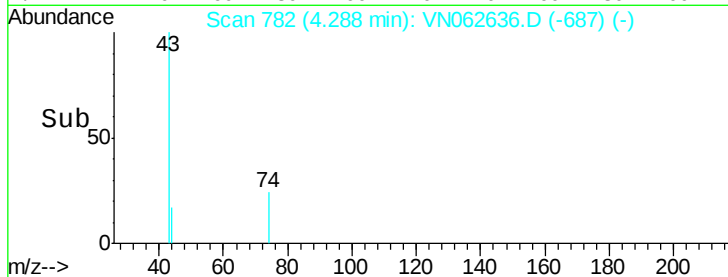
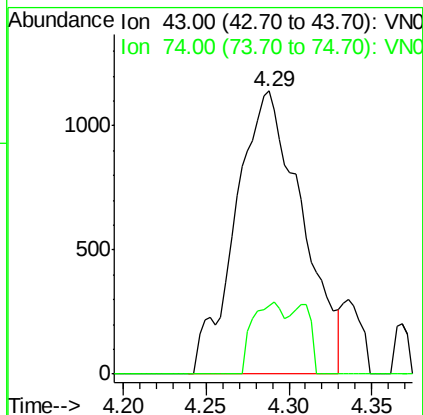
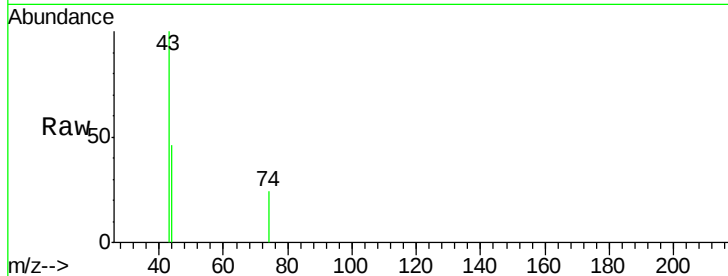




#18  
Methyl Acetate  
Concen: 1.561 ug/l  
RT: 4.29 min Scan# 782  
Delta R.T. 0.01 min  
Lab File: VN062636.D  
Acq: 28 Jul 2020 17:07

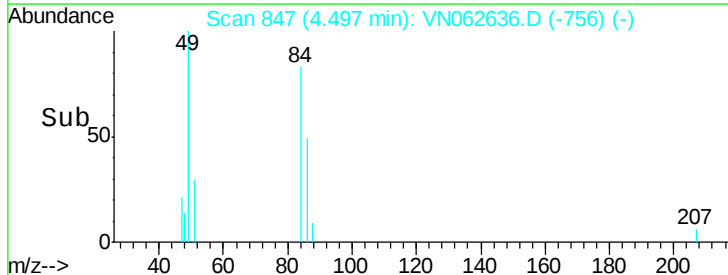
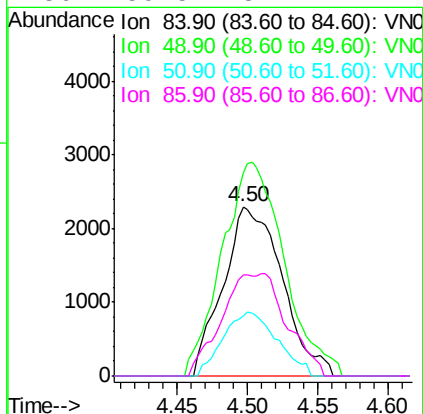
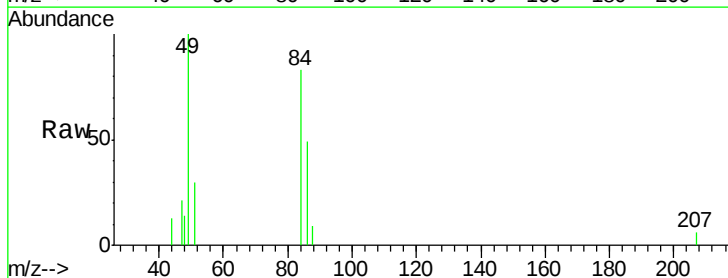
Instrument :  
MSVOA\_N  
ClientSampled :  
PB130507TB

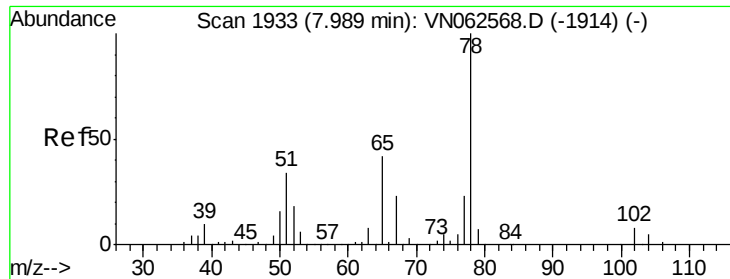
Tgt Ion: 43 Resp: 3170  
Ion Ratio Lower Upper  
43 100  
74 12.0 16.6 24.8#



#20  
Methylene Chloride  
Concen: 3.490 ug/l  
RT: 4.50 min Scan# 847  
Delta R.T. -0.01 min  
Lab File: VN062636.D  
Acq: 28 Jul 2020 17:07

Tgt Ion: 84 Resp: 6715  
Ion Ratio Lower Upper  
84 100  
49 113.1 109.4 164.0  
51 35.6 33.6 50.4  
86 59.5 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 54.688 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062636.D

Acq: 28 Jul 2020 17:07

Instrument :

MSVOA\_N

ClientSampled :

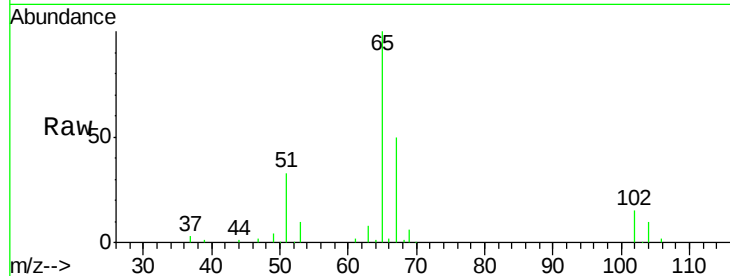
PB130507TB

Tgt Ion: 65 Resp: 116575

Ion Ratio Lower Upper

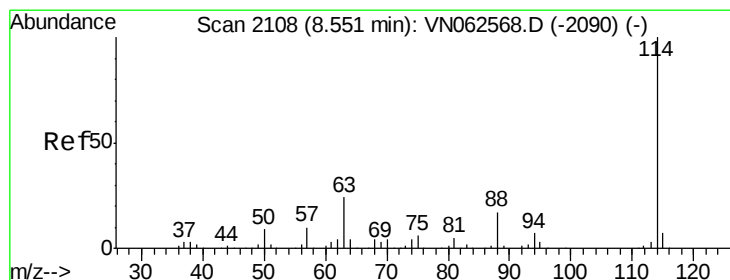
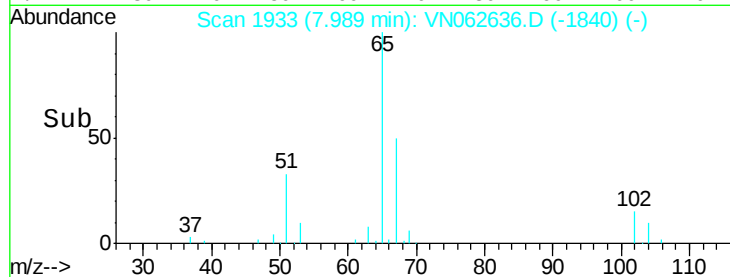
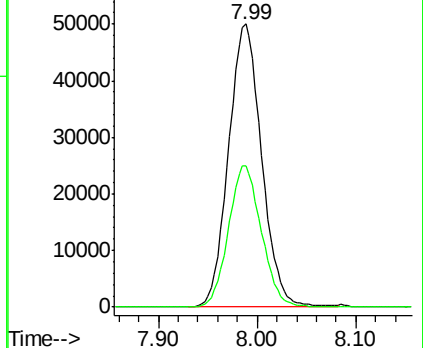
65 100

67 49.7 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062636.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062636.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062636.D

Acq: 28 Jul 2020 17:07

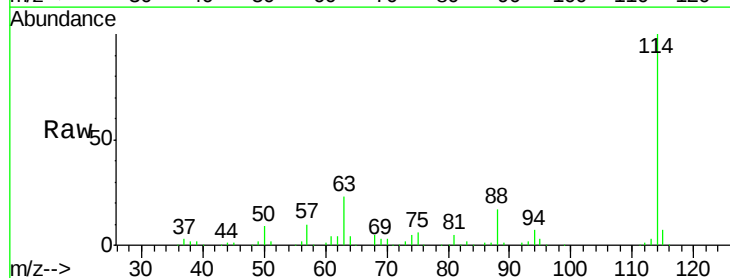
Tgt Ion: 114 Resp: 243266

Ion Ratio Lower Upper

114 100

63 22.9 0.0 48.4

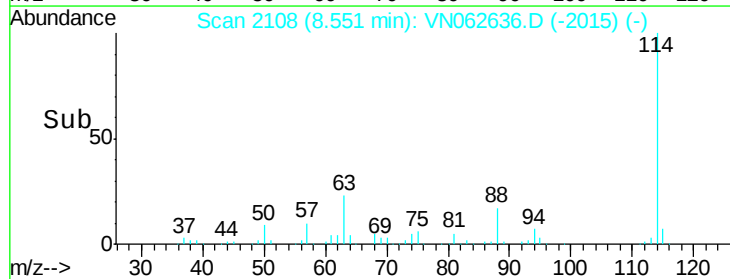
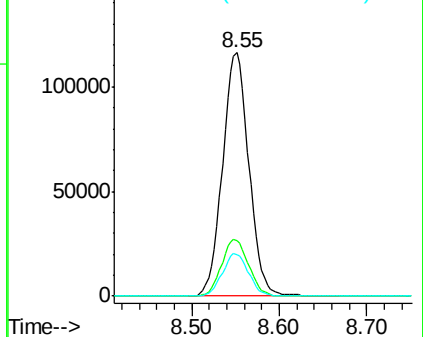
88 17.2 0.0 33.8

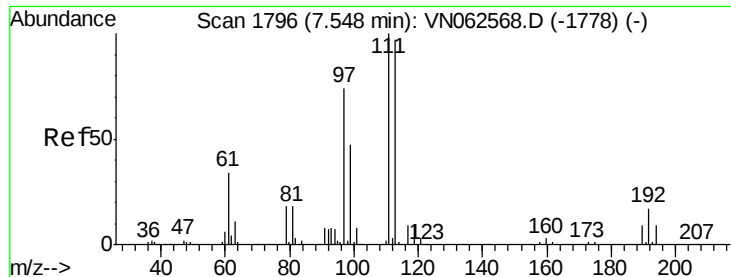


Abundance Ion 113.90 (113.60 to 114.60): VN062636.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062636.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062636.D (-2015) (-)

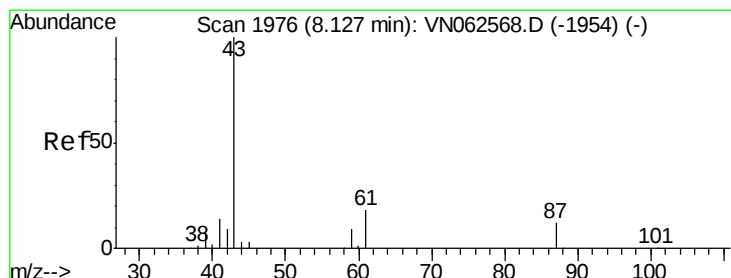
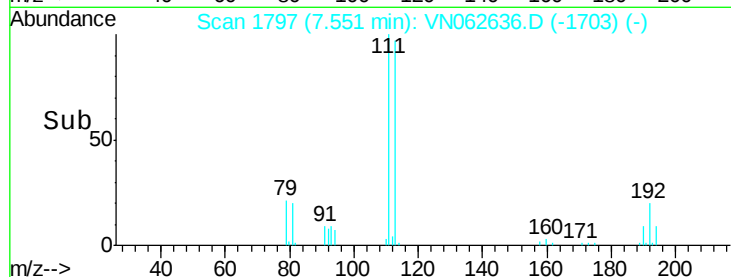
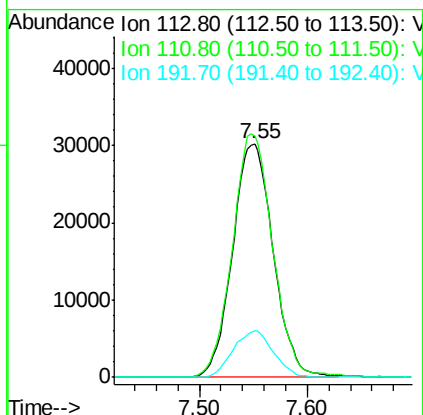
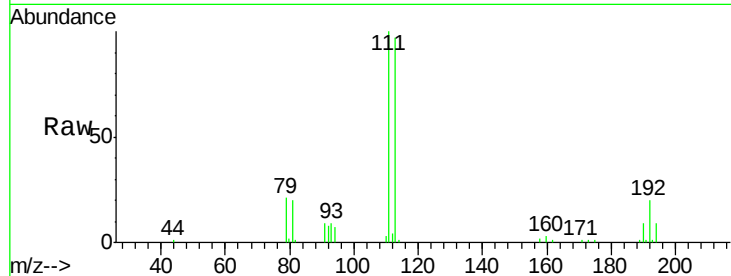




#35  
 Dibromofluoromethane  
 Concen: 49.557 ug/l  
 RT: 7.55 min Scan# 1797  
 Delta R.T. 0.00 min  
 Lab File: VN062636.D  
 Acq: 28 Jul 2020 17:07

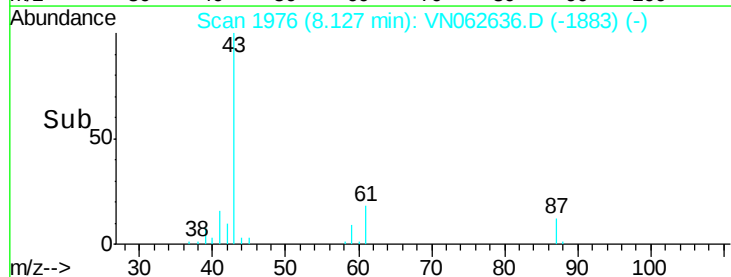
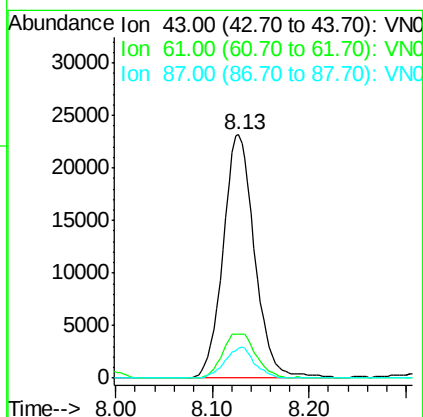
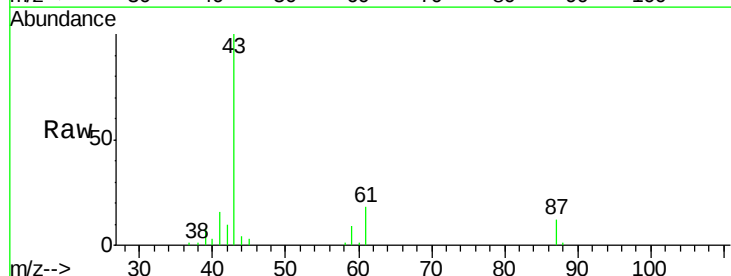
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB130507TB

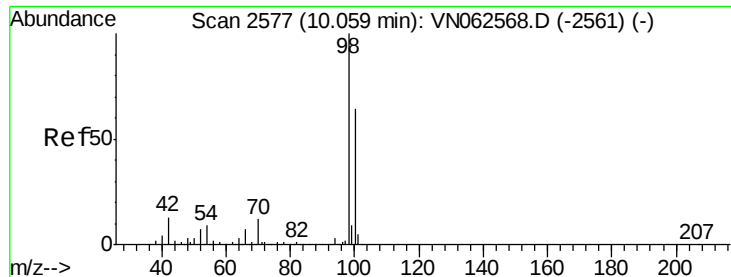
Tgt Ion: 113 Resp: 79188  
 Ion Ratio Lower Upper  
 113 100  
 111 103.9 82.7 124.1  
 192 19.7 14.8 22.2



#43  
 Isopropyl Acetate  
 Concen: 11.639 ug/l  
 RT: 8.13 min Scan# 1976  
 Delta R.T. -0.00 min  
 Lab File: VN062636.D  
 Acq: 28 Jul 2020 17:07

Tgt Ion: 43 Resp: 52443  
 Ion Ratio Lower Upper  
 43 100  
 61 19.2 20.8 31.2#  
 87 11.7 9.2 13.8





#50

Toluene-d8

Concen: 53.427 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062636.D

Acq: 28 Jul 2020 17:07

Instrument :

MSVOA\_N

ClientSampled :

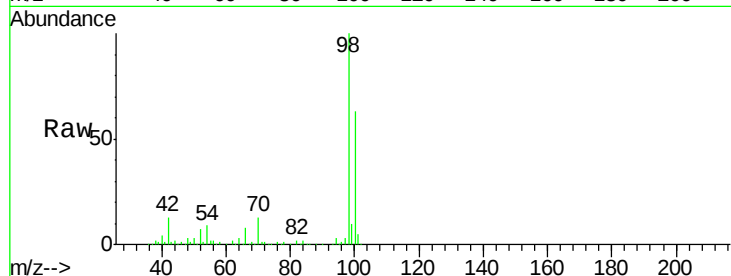
PB130507TB

Tgt Ion: 98 Resp: 340628

Ion Ratio Lower Upper

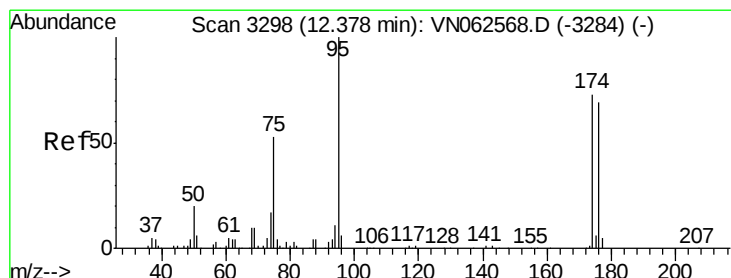
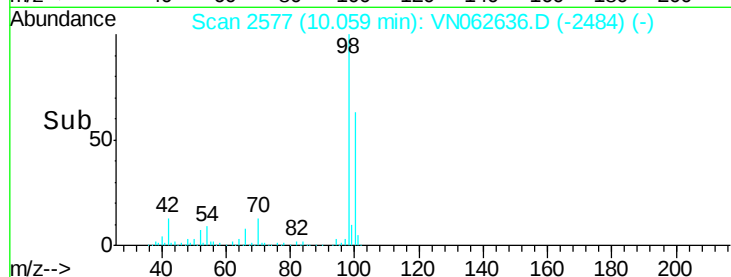
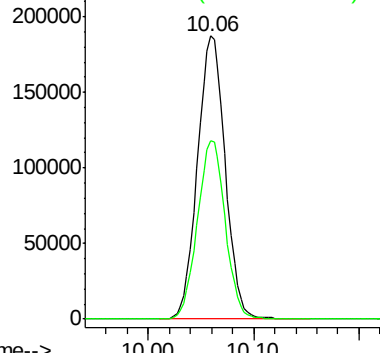
98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 59.066 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062636.D

Acq: 28 Jul 2020 17:07

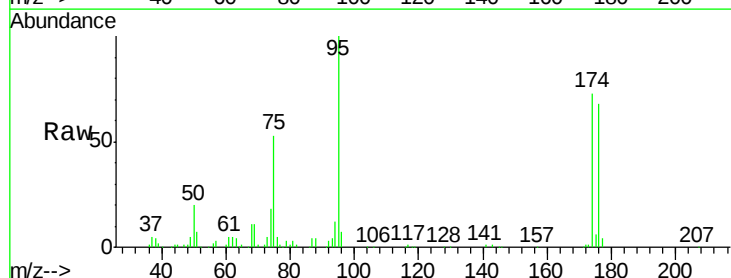
Tgt Ion: 95 Resp: 137692

Ion Ratio Lower Upper

95 100

174 71.6 0.0 144.6

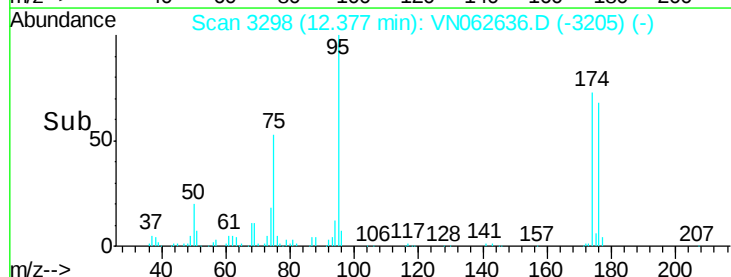
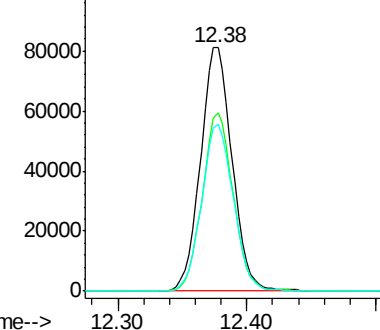
176 68.9 0.0 139.4

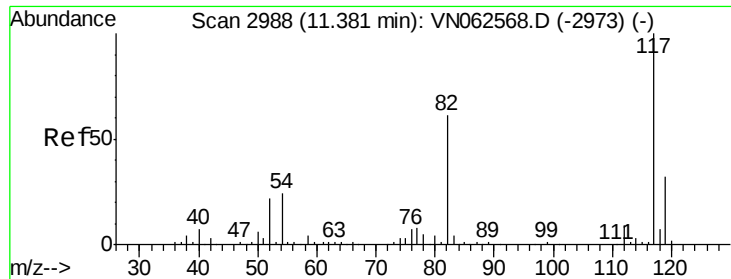


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062636.D

Acq: 28 Jul 2020 17:07

Instrument :

MSVOA\_N

ClientSampleId :

PB130507TB

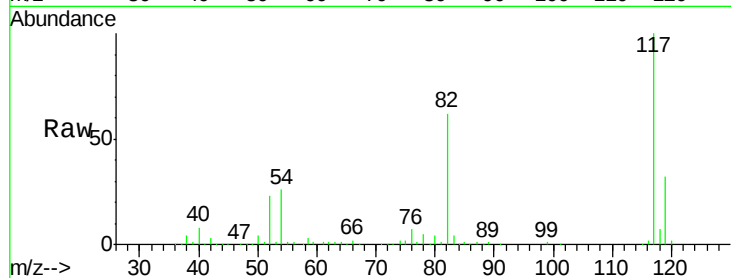
Tgt Ion:117 Resp: 287375

Ion Ratio Lower Upper

117 100

82 61.8 49.0 73.6

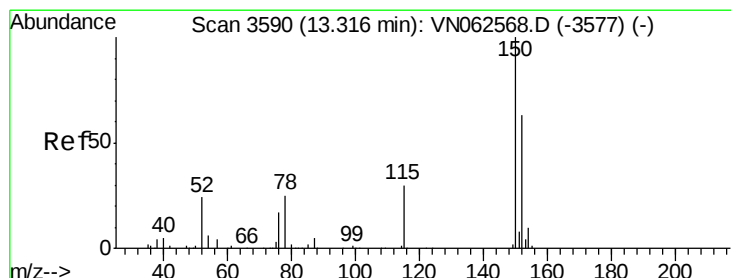
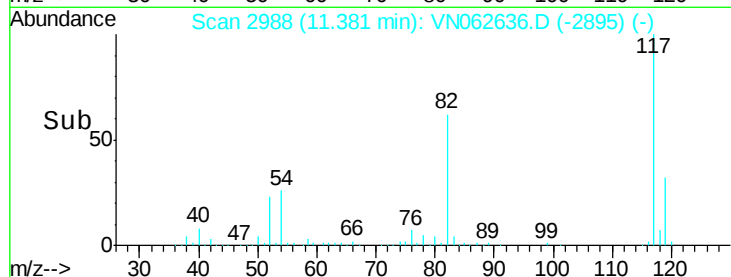
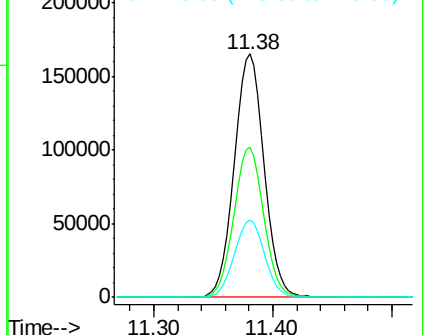
119 31.9 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062636.D

Acq: 28 Jul 2020 17:07

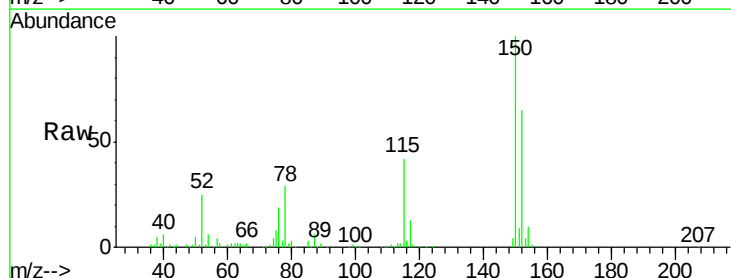
Tgt Ion:152 Resp: 101537

Ion Ratio Lower Upper

152 100

115 63.7 31.8 95.4

150 158.2 0.0 351.4



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

