

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\  
 Data File : VN060880.D  
 Acq On : 7 Apr 2020 16:26  
 Operator : JC/MD  
 Sample : L2166-06  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-47-COMP

Quant Time: Apr 08 08:20:24 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

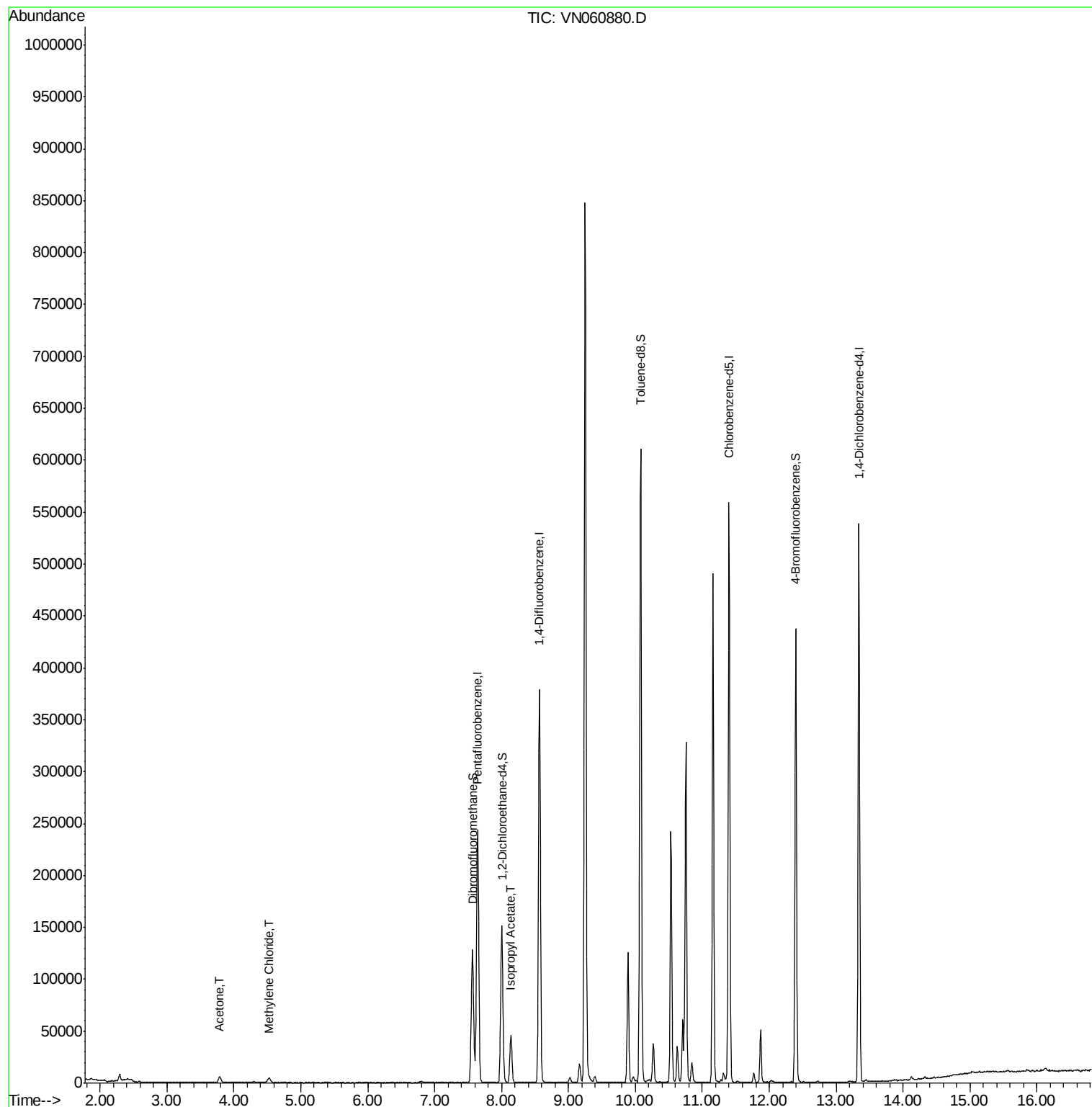
| Internal Standards          | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.64   | 168  | 200782   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.57   | 114  | 337285   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.40  | 117  | 316260   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.34  | 152  | 142880   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.00   | 65   | 131277   | 47.63  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 95.26%  |          |
| 35) Dibromofluoromethane    | 7.56   | 113  | 99068    | 48.58  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 97.16%  |          |
| 50) Toluene-d8              | 10.08  | 98   | 415128   | 49.83  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 99.66%  |          |
| 62) 4-Bromofluorobenzene    | 12.40  | 95   | 154981   | 50.76  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 101.52% |          |
| Target Compounds            |        |      |          |        |         |          |
| 16) Acetone                 | 3.78   | 43   | 10690    | 10.949 | ug/l    | 98       |
| 20) Methylene Chloride      | 4.53   | 84   | 3531     | 1.470  | ug/l    | 98       |
| 43) Isopropyl Acetate       | 8.14   | 43   | 54659    | 9.392  | ug/l #  | 91       |

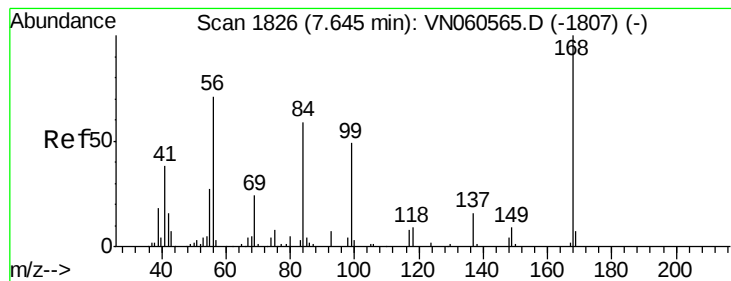
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040720\  
Data File : VN060880.D  
Acq On : 7 Apr 2020 16:26  
Operator : JC/MD  
Sample : L2166-06  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-47-COMP

Quant Time: Apr 08 08:20:24 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 18 08:49:09 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060880.D

Acq: 7 Apr 2020 16:26

Instrument :

MSVOA\_N

ClientSampleId :

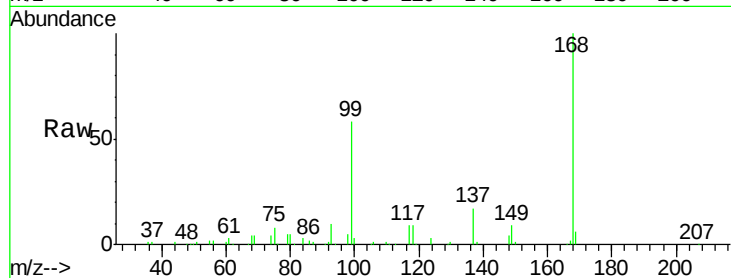
TP-47-COMP

Tot Ion:168 Resp: 200782

Ion Ratio Lower Upper

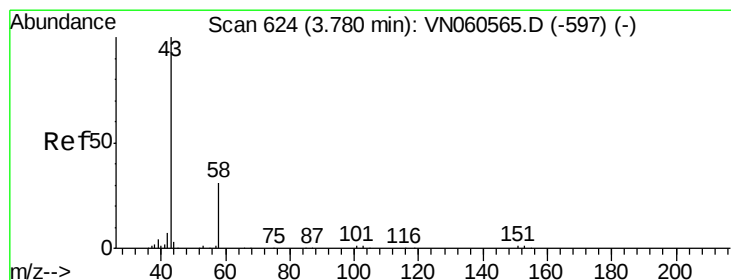
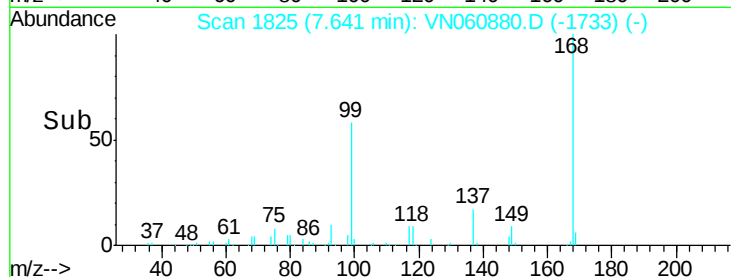
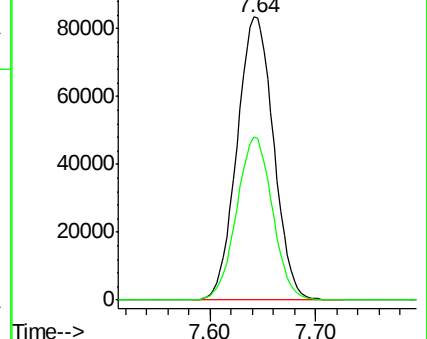
168 100

99 57.7 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: 10.949 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060880.D

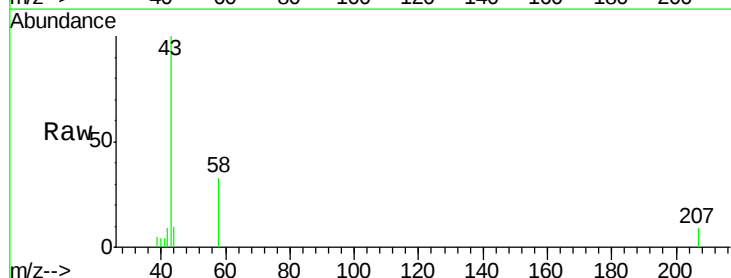
Acq: 7 Apr 2020 16:26

Tgt Ion: 43 Resp: 10690

Ion Ratio Lower Upper

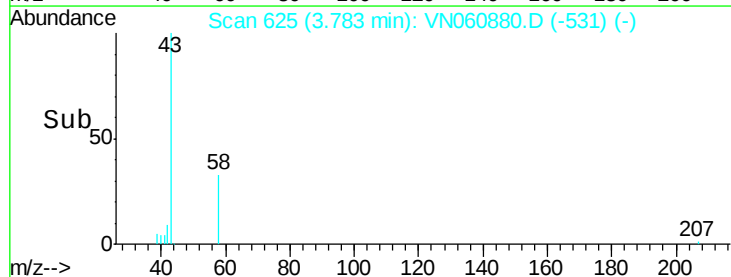
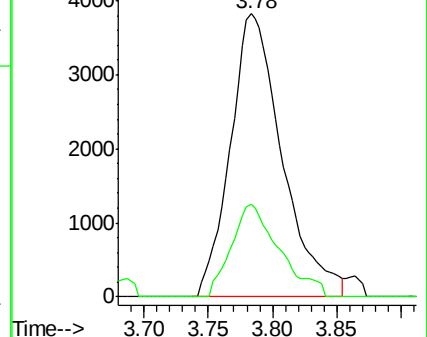
43 100

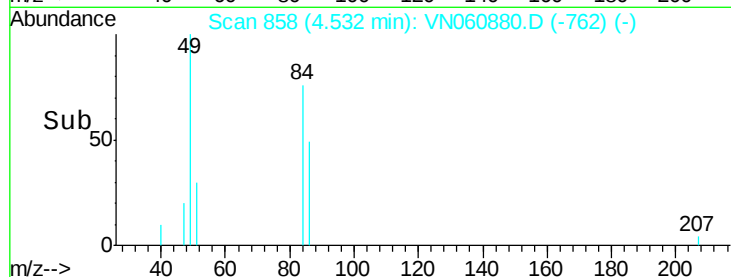
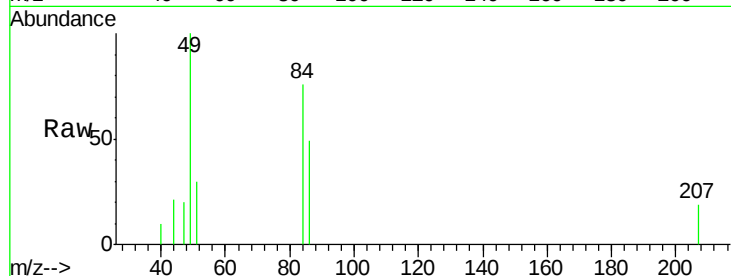
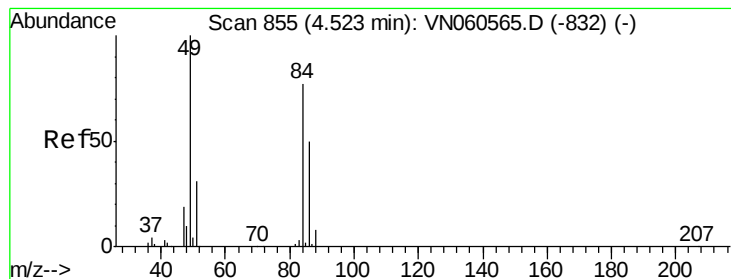
58 32.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 1.470 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN060880.D

Acq: 7 Apr 2020 16:26

Instrument :

MSVOA\_N

ClientSampled :

TP-47-COMP

Tot Ion: 84 Resp: 3531

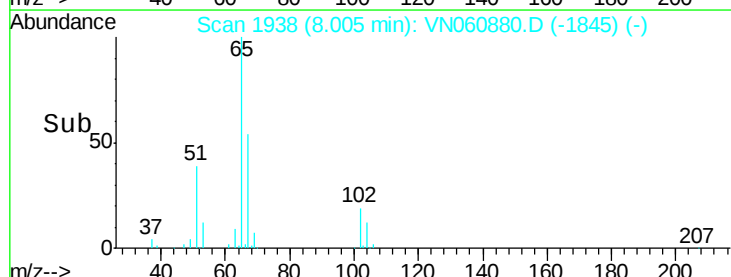
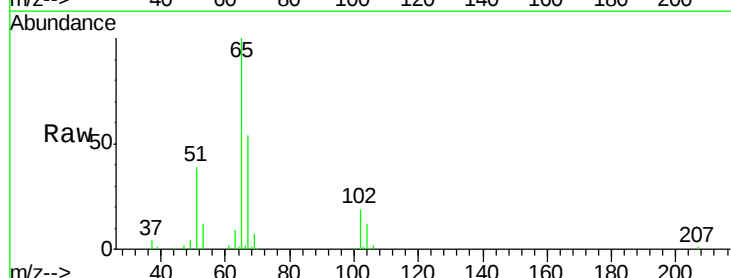
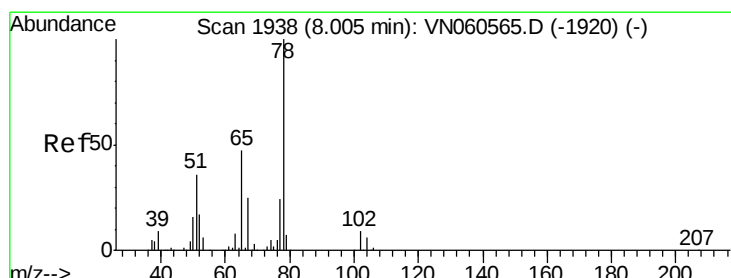
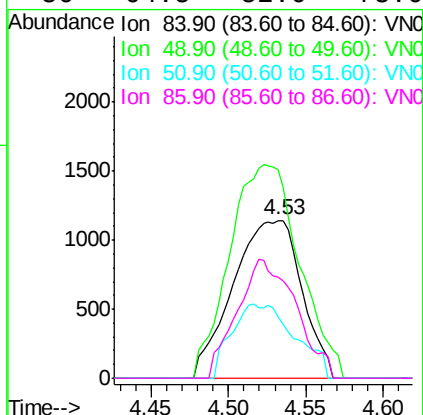
Ion Ratio Lower Upper

84 100

49 132.2 103.3 154.9

51 39.4 31.6 47.4

86 64.5 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 47.628 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060880.D

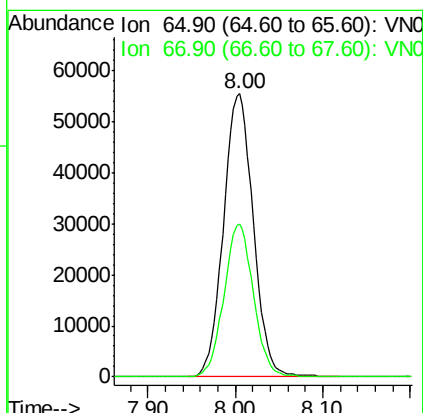
Acq: 7 Apr 2020 16:26

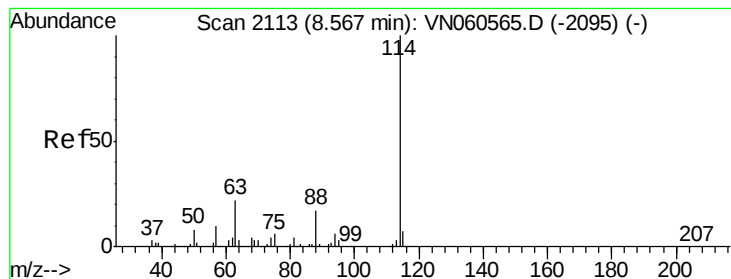
Tgt Ion: 65 Resp: 131277

Ion Ratio Lower Upper

65 100

67 53.1 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: VN060880.D

Acq: 7 Apr 2020 16:26

Instrument :

MSVOA\_N

ClientSampleId :

TP-47-COMP

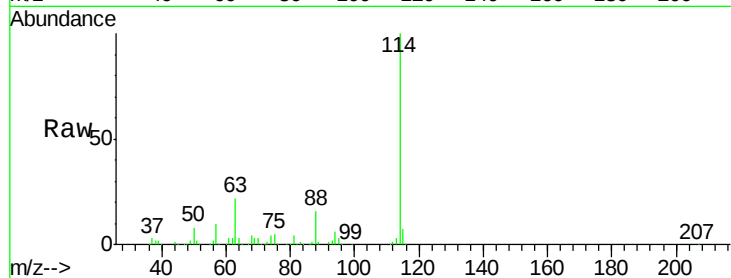
Tot Ion:114 Resp: 337285

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

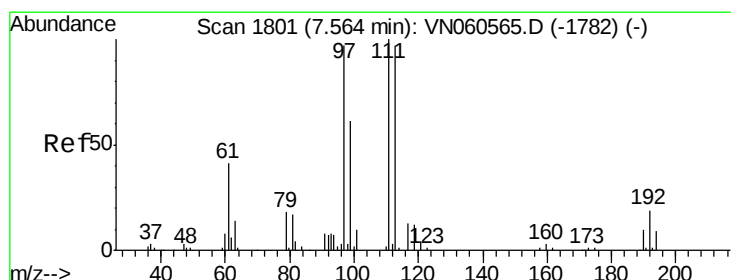
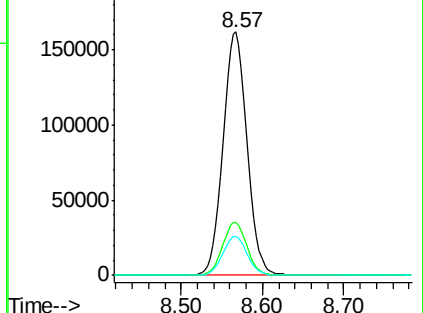
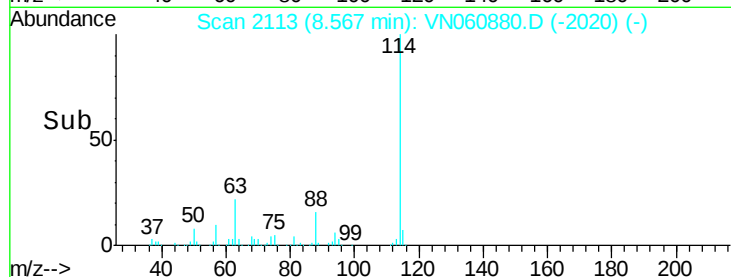
88 16.1 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.576 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060880.D

Acq: 7 Apr 2020 16:26

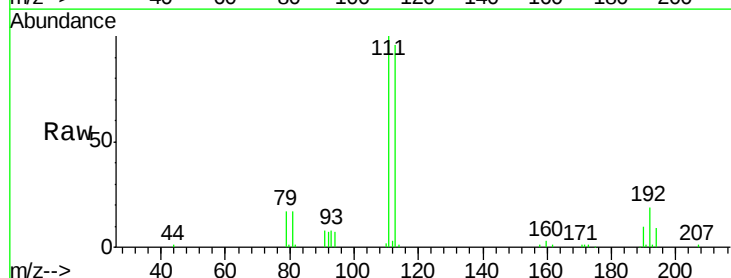
Tgt Ion:113 Resp: 99068

Ion Ratio Lower Upper

113 100

111 104.9 82.9 124.3

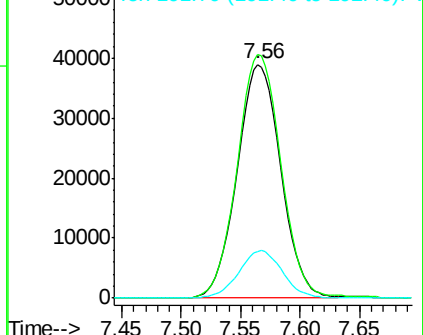
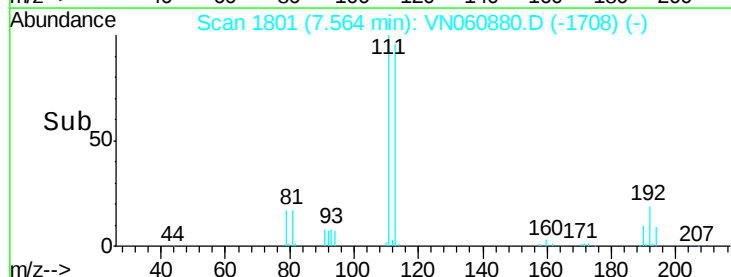
192 20.3 15.8 23.8

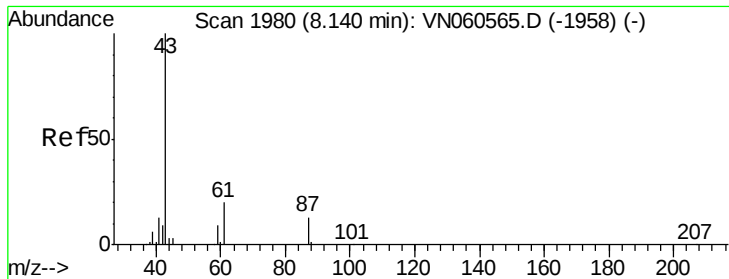


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.392 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060880.D

Acq: 7 Apr 2020 16:26

Instrument :

MSVOA\_N

ClientSampleId :

TP-47-COMP

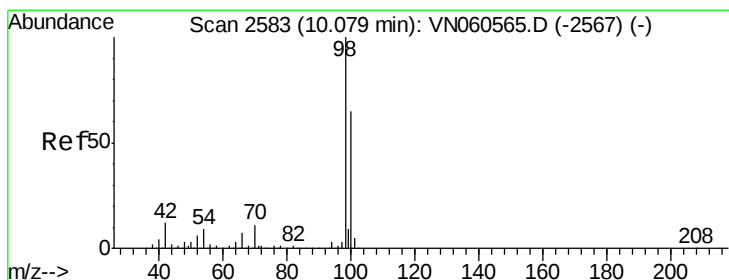
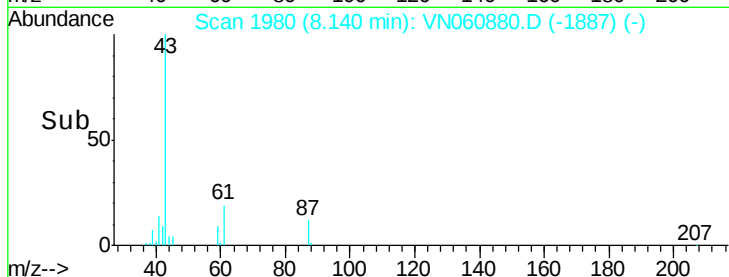
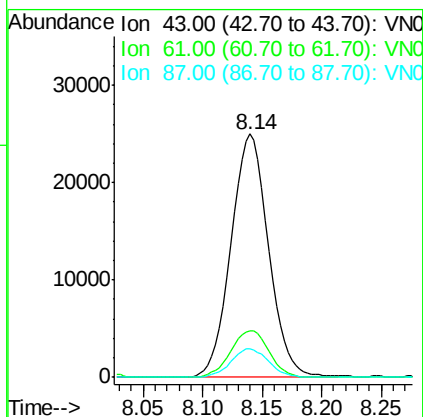
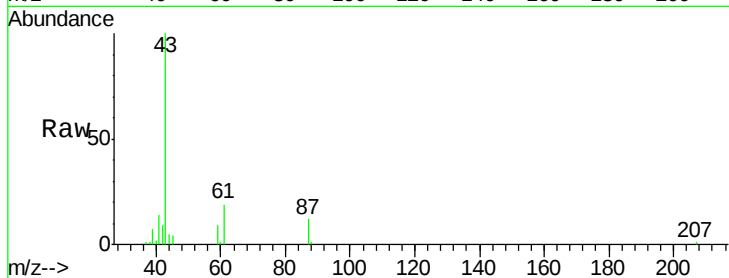
Tot Ion: 43 Resp: 54659

Ion Ratio Lower Upper

43 100

61 19.4 20.7 31.1#

87 11.7 9.8 14.8



#50

Toluene-d8

Concen: 49.833 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060880.D

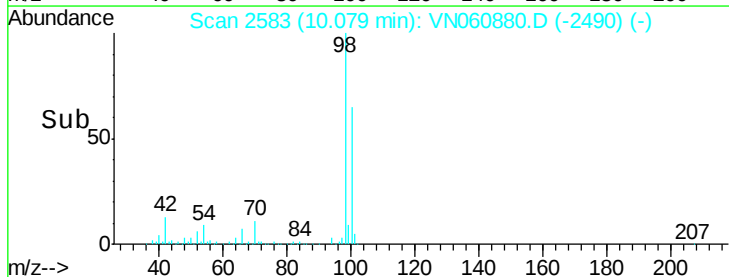
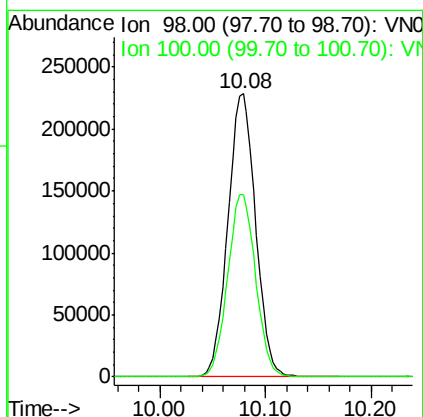
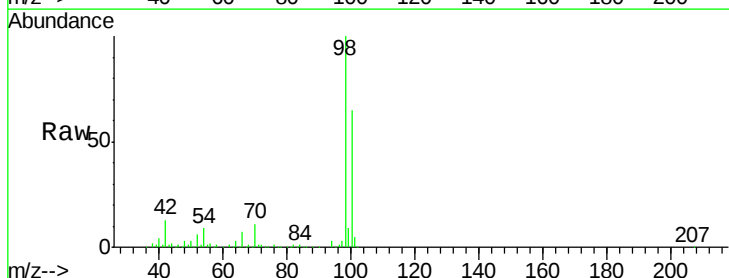
Acq: 7 Apr 2020 16:26

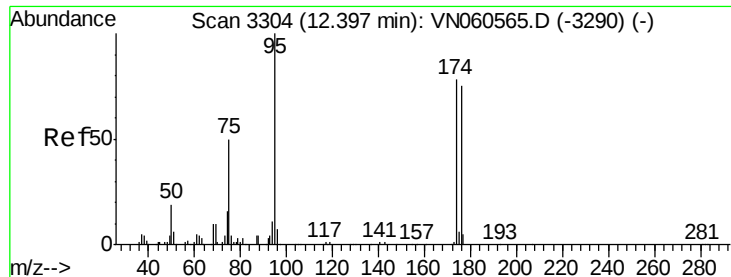
Tgt Ion: 98 Resp: 415128

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 50.764 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060880.D

Acq: 7 Apr 2020 16:26

Instrument :

MSVOA\_N

ClientSampleId :

TP-47-COMP

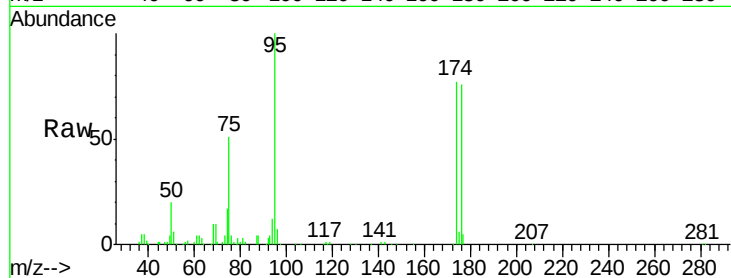
Tot Ion: 95 Resp: 154981

Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.6

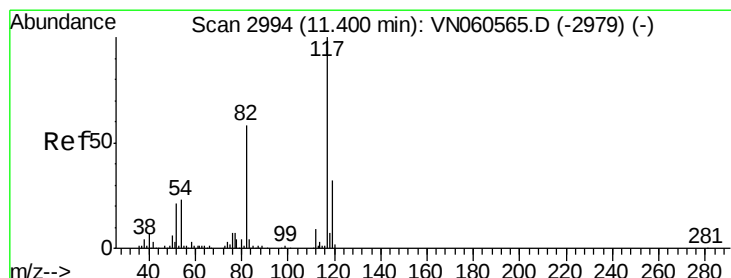
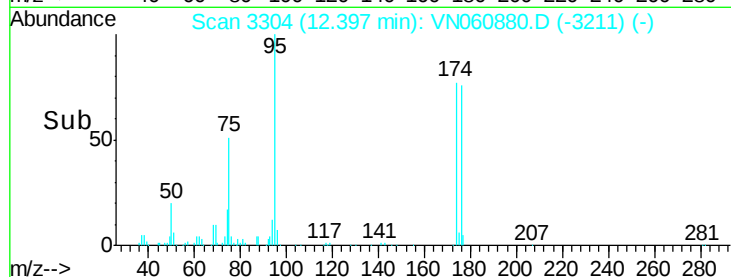
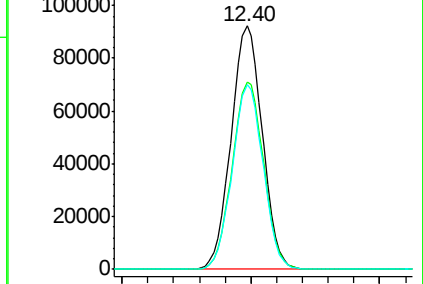
176 75.2 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060880.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060880.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060880.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060880.D

Acq: 7 Apr 2020 16:26

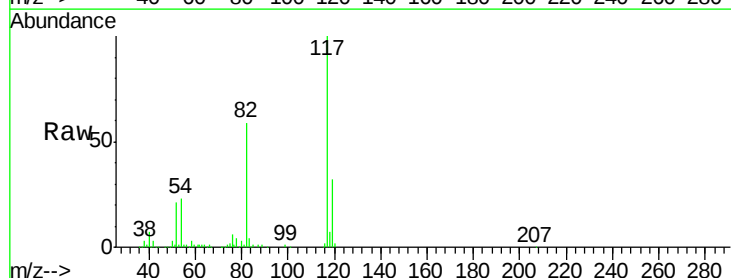
Tgt Ion: 117 Resp: 316260

Ion Ratio Lower Upper

117 100

82 58.6 46.7 70.1

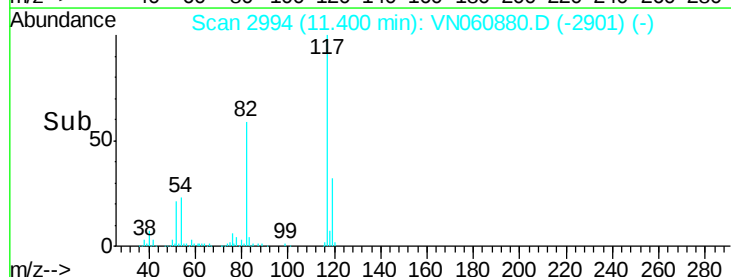
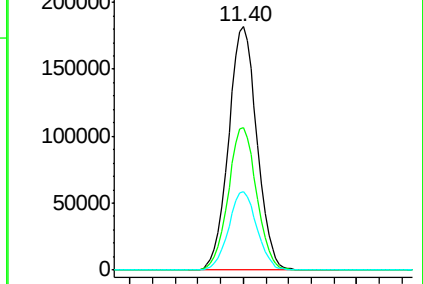
119 32.2 25.5 38.3

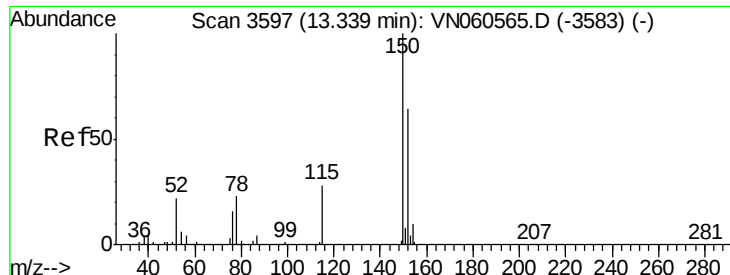


Abundance Ion 116.90 (116.60 to 117.60): VN060880.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060880.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060880.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060880.D

Acq: 7 Apr 2020 16:26

Instrument :

MSVOA\_N

ClientSampleId :

TP-47-COMP

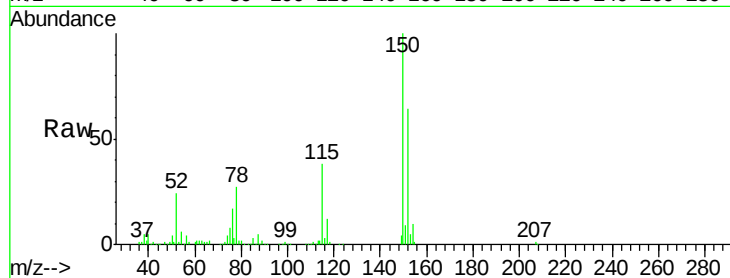
Tot Ion:152 Resp: 142880

Ion Ratio Lower Upper

152 100

115 59.1 30.2 90.6

150 156.0 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

