

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\  
 Data File : VN060740.D  
 Acq On : 27 Mar 2020 14:30  
 Operator : JC/MD  
 Sample : PB127814ZHE#05  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB127814ZHE#05

Quant Time: Mar 30 00:47:56 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

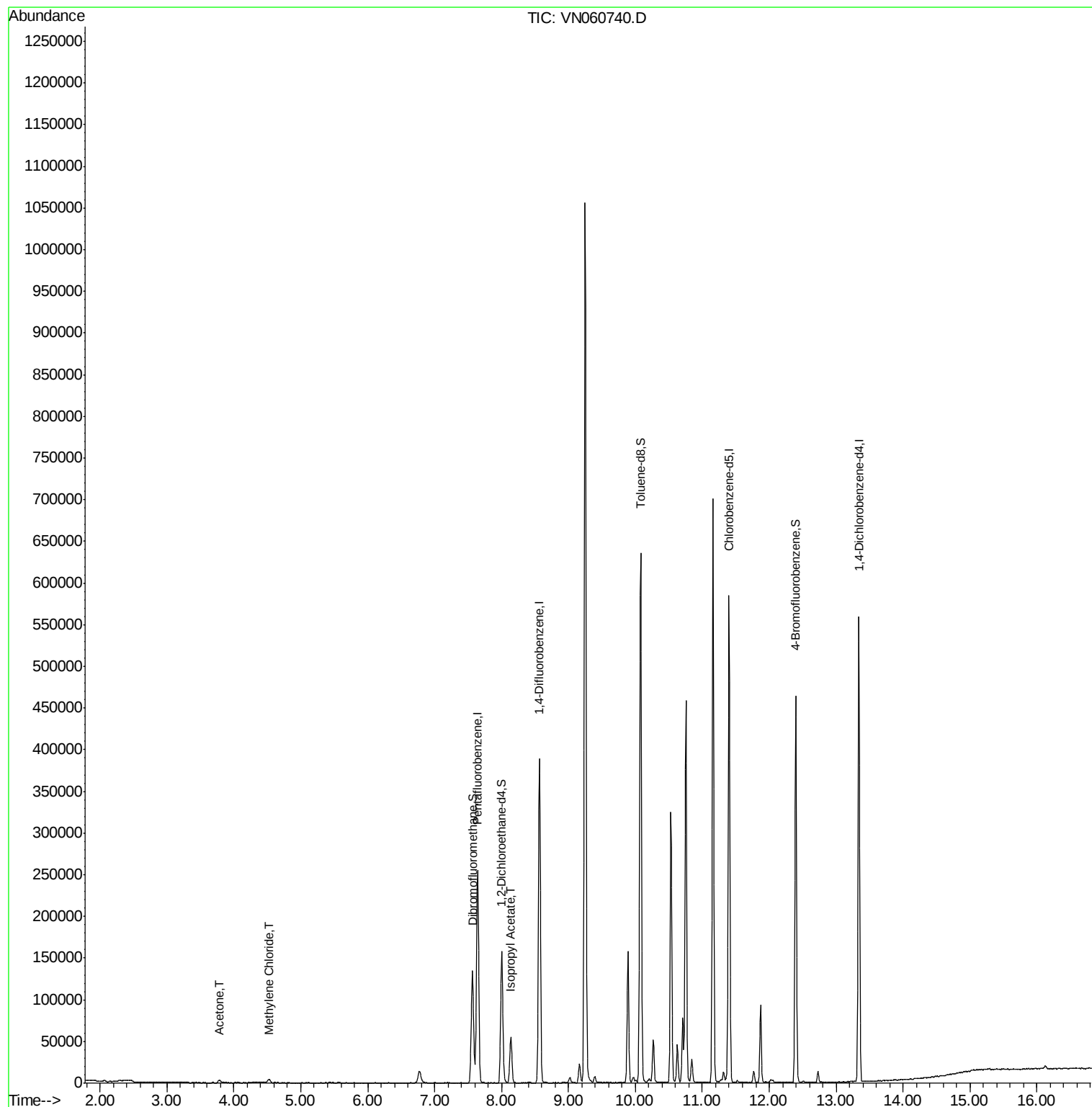
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.64  | 168  | 207969   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.57  | 114  | 348197   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.40 | 117  | 329067   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.34 | 152  | 145759   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 133904   | 46.90  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.80%  |          |
| 35) Dibromofluoromethane    | 7.56  | 113  | 103474   | 49.15  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.30%  |          |
| 50) Toluene-d8              | 10.08 | 98   | 432576   | 50.30  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.60% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 160809   | 51.02  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.04% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.79  | 43   | 5771     | 5.707  | ug/l    | 96       |
| 20) Methylene Chloride      | 4.53  | 84   | 3137     | 1.261  | ug/l    | 92       |
| 43) Isopropyl Acetate       | 8.14  | 43   | 65633    | 10.924 | ug/l #  | 92       |

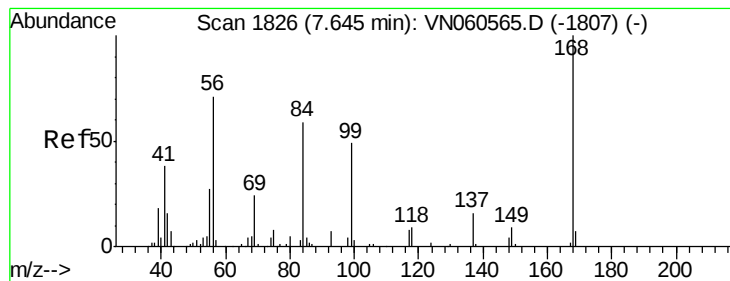
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032720\  
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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: VN060740.D

Acq: 27 Mar 2020 14:30

Instrument :

MSVOA\_N

ClientSampleId :

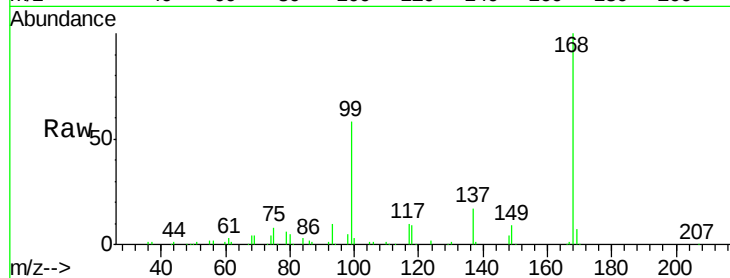
PB127814ZHE#05

Tot Ion:168 Resp: 207969

Ion Ratio Lower Upper

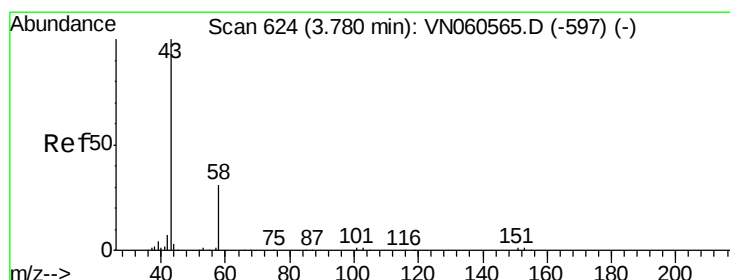
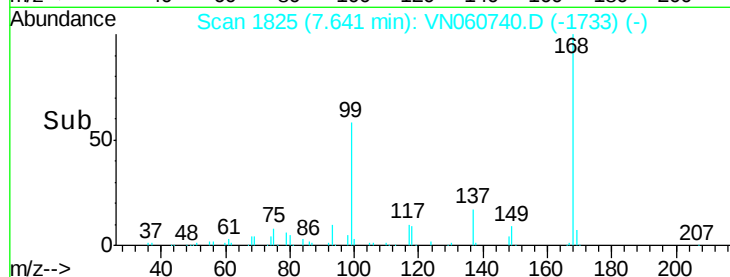
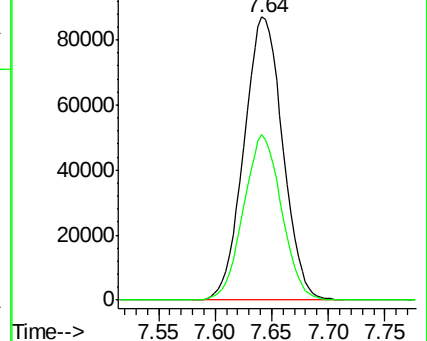
168 100

99 58.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 5.707 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060740.D

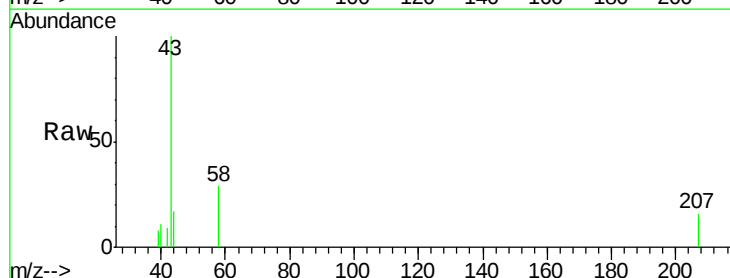
Acq: 27 Mar 2020 14:30

Tgt Ion: 43 Resp: 5771

Ion Ratio Lower Upper

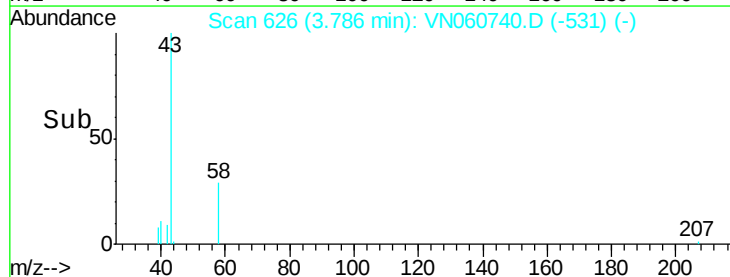
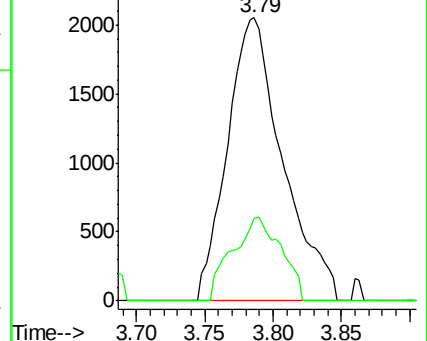
43 100

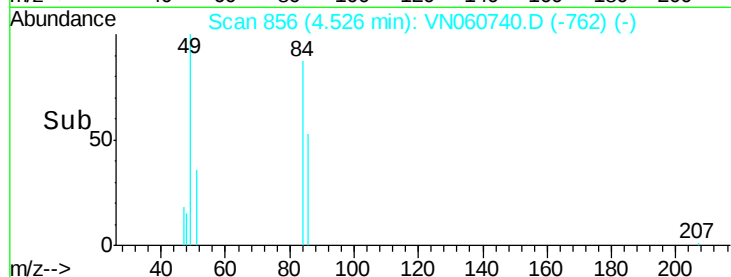
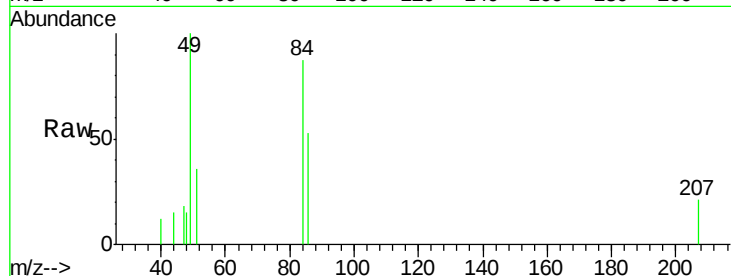
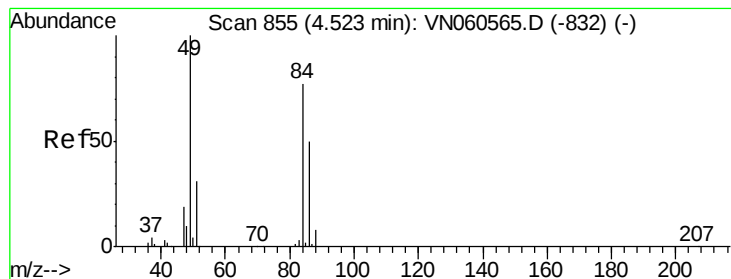
58 29.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 1.261 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060740.D

Acq: 27 Mar 2020 14:30

Instrument :

MSVOA\_N

ClientSampleId :

PB127814ZHE#05

Tot Ion: 84 Resp: 3137

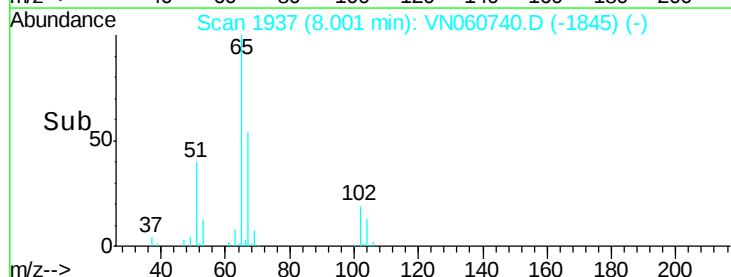
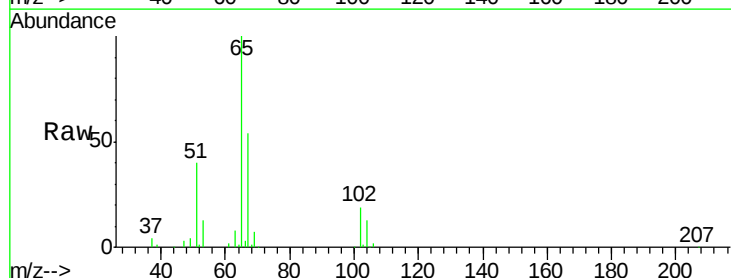
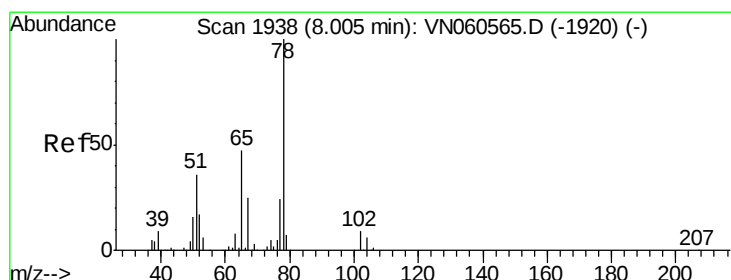
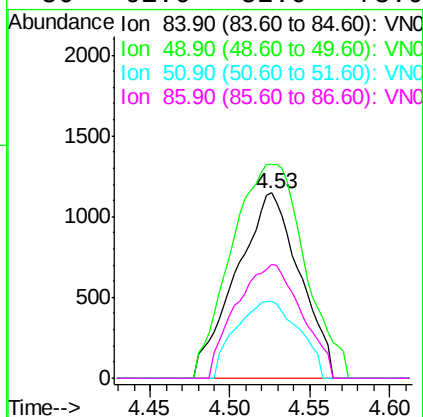
Ion Ratio Lower Upper

84 100

49 115.3 103.3 154.9

51 41.2 31.6 47.4

86 61.6 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 46.903 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060740.D

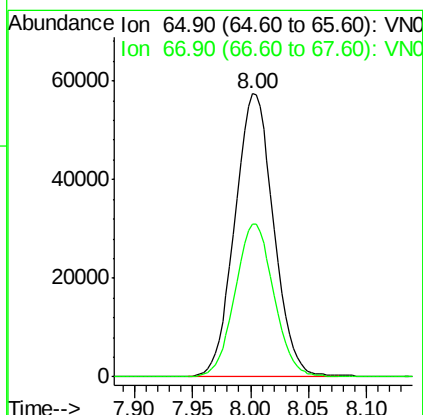
Acq: 27 Mar 2020 14:30

Tgt Ion: 65 Resp: 133904

Ion Ratio Lower Upper

65 100

67 53.9 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: VN060740.D

Acq: 27 Mar 2020 14:30

Instrument :

MSVOA\_N

ClientSampleId :

PB127814ZHE#05

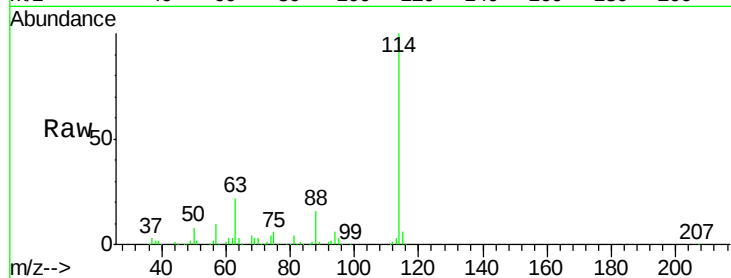
Tot Ion:114 Resp: 348197

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

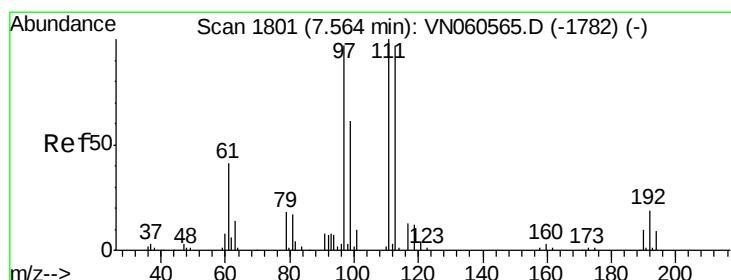
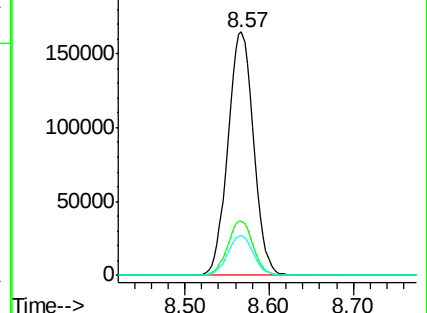
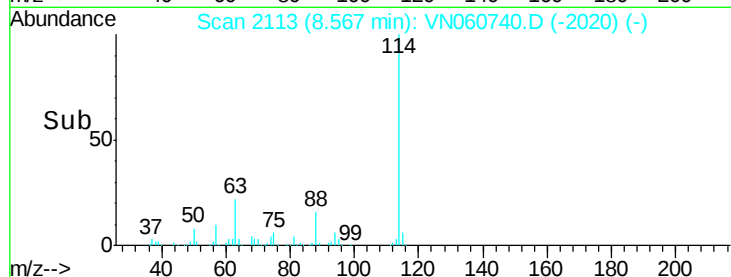
88 16.3 0.0 33.0



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: 49.146 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060740.D

Acq: 27 Mar 2020 14:30

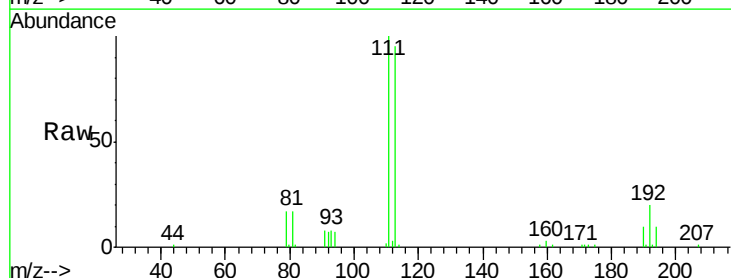
Tgt Ion:113 Resp: 103474

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

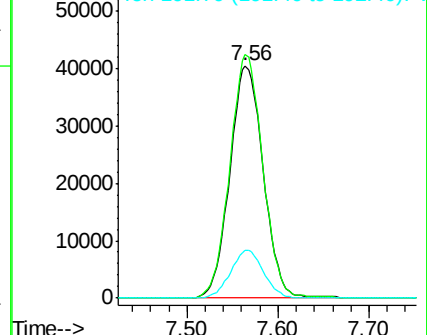
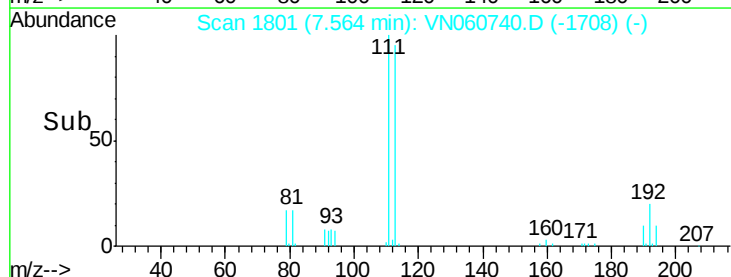
192 20.1 15.8 23.8

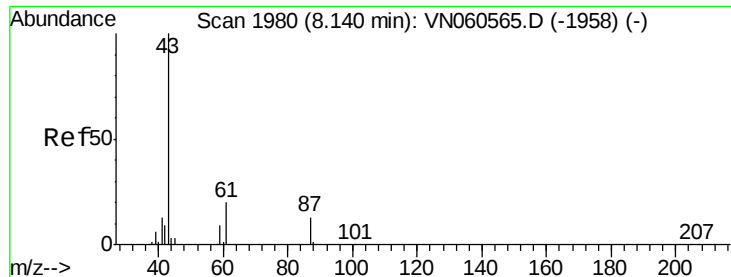


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.924 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060740.D

Acq: 27 Mar 2020 14:30

Instrument :

MSVOA\_N

ClientSampleId :

PB127814ZHE#05

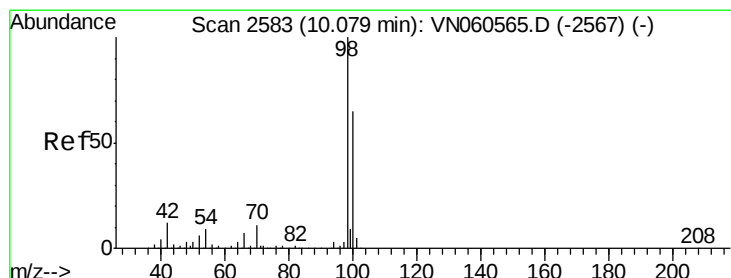
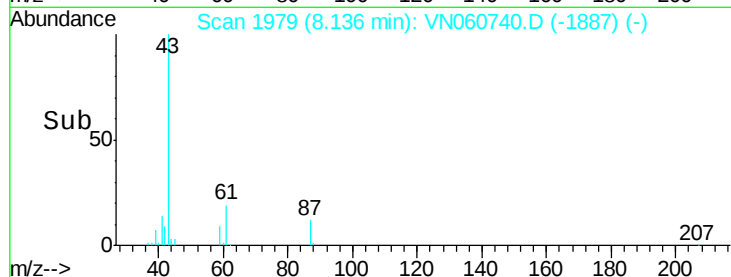
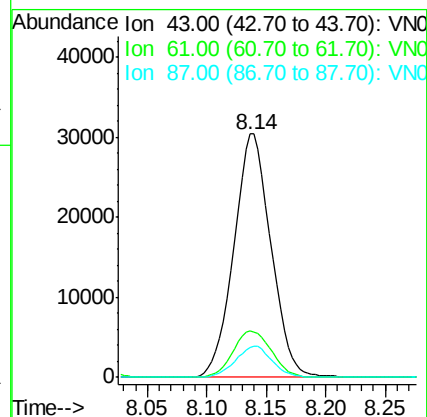
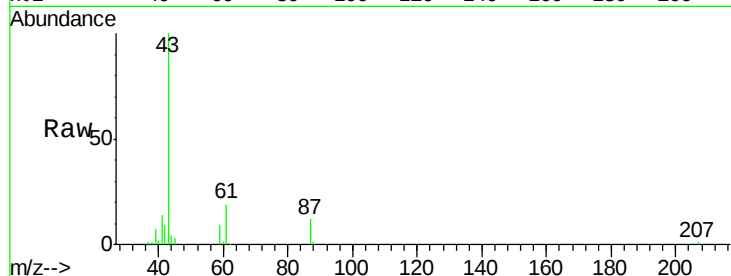
Tot Ion: 43 Resp: 65633

Ion Ratio Lower Upper

43 100

61 19.7 20.7 31.1#

87 12.5 9.8 14.8



#50

Toluene-d8

Concen: 50.300 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060740.D

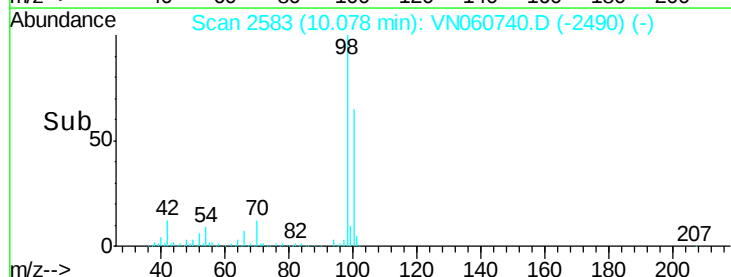
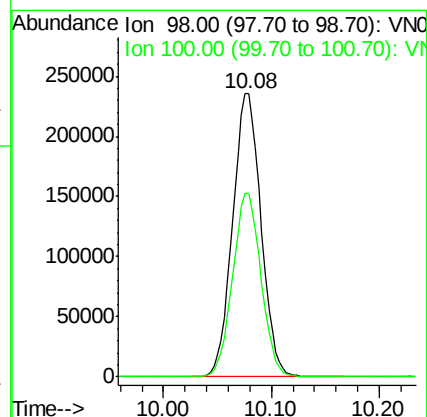
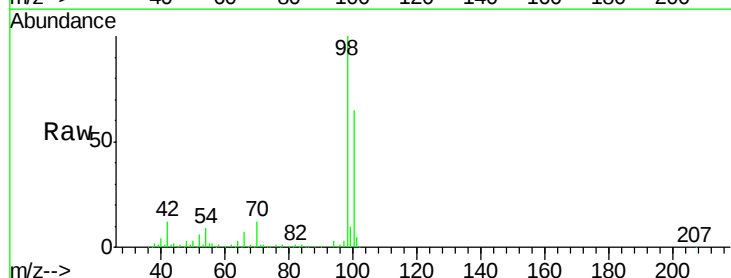
Acq: 27 Mar 2020 14:30

Tgt Ion: 98 Resp: 432576

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.022 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060740.D

Acq: 27 Mar 2020 14:30

Instrument :

MSVOA\_N

ClientSampleId :

PB127814ZHE#05

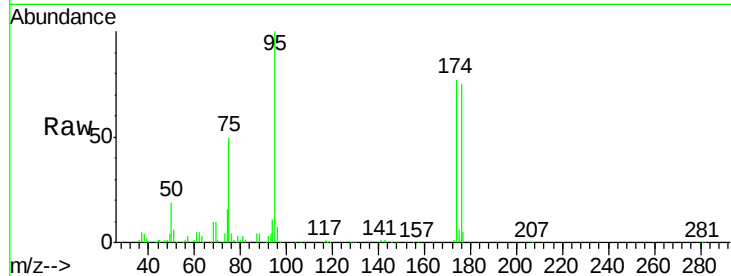
Tot Ion: 95 Resp: 160809

Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.6

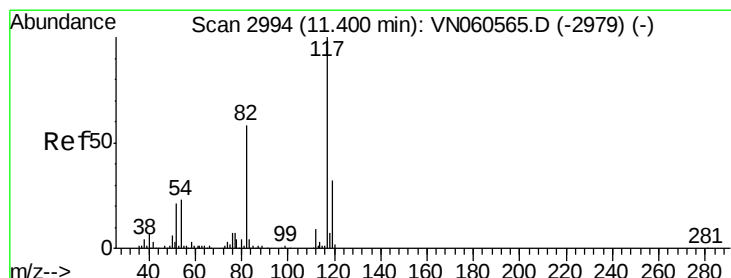
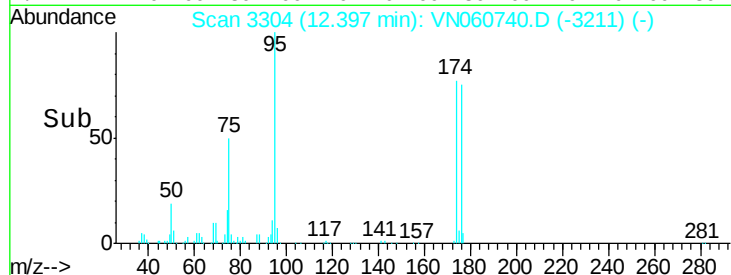
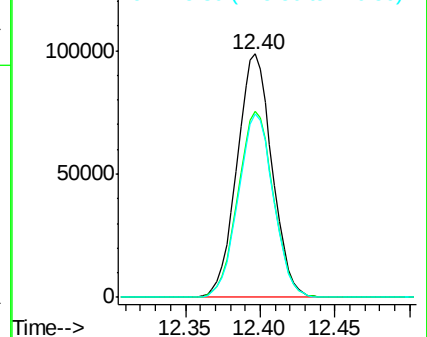
176 75.8 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060740.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060740.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060740.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060740.D

Acq: 27 Mar 2020 14:30

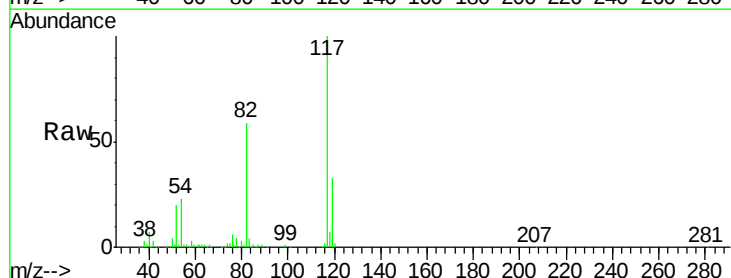
Tgt Ion: 117 Resp: 329067

Ion Ratio Lower Upper

117 100

82 58.9 46.7 70.1

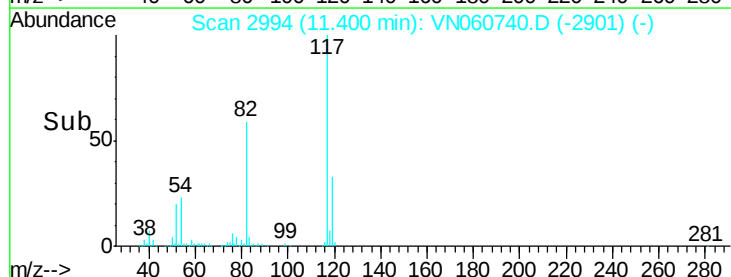
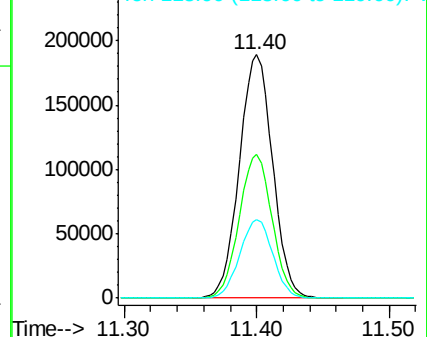
119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060740.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060740.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060740.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060740.D

Acq: 27 Mar 2020 14:30

Instrument :

MSVOA\_N

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PB127814ZHE#05

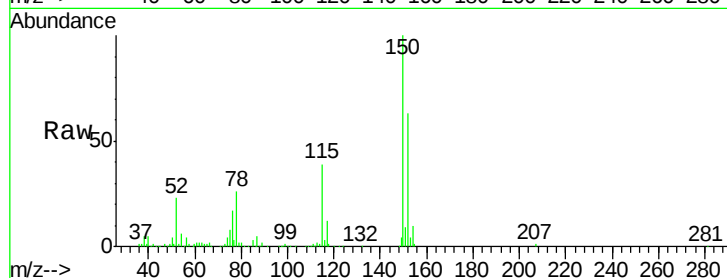
Tot Ion:152 Resp: 145759

Ion Ratio Lower Upper

152 100

115 60.3 30.2 90.6

150 157.2 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

