

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\  
 Data File : VN061746.D  
 Acq On : 11 Jun 2020 14:54  
 Operator : JC/MD  
 Sample : L2988-03  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE132D2-20200608

Quant Time: Jun 12 05:32:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

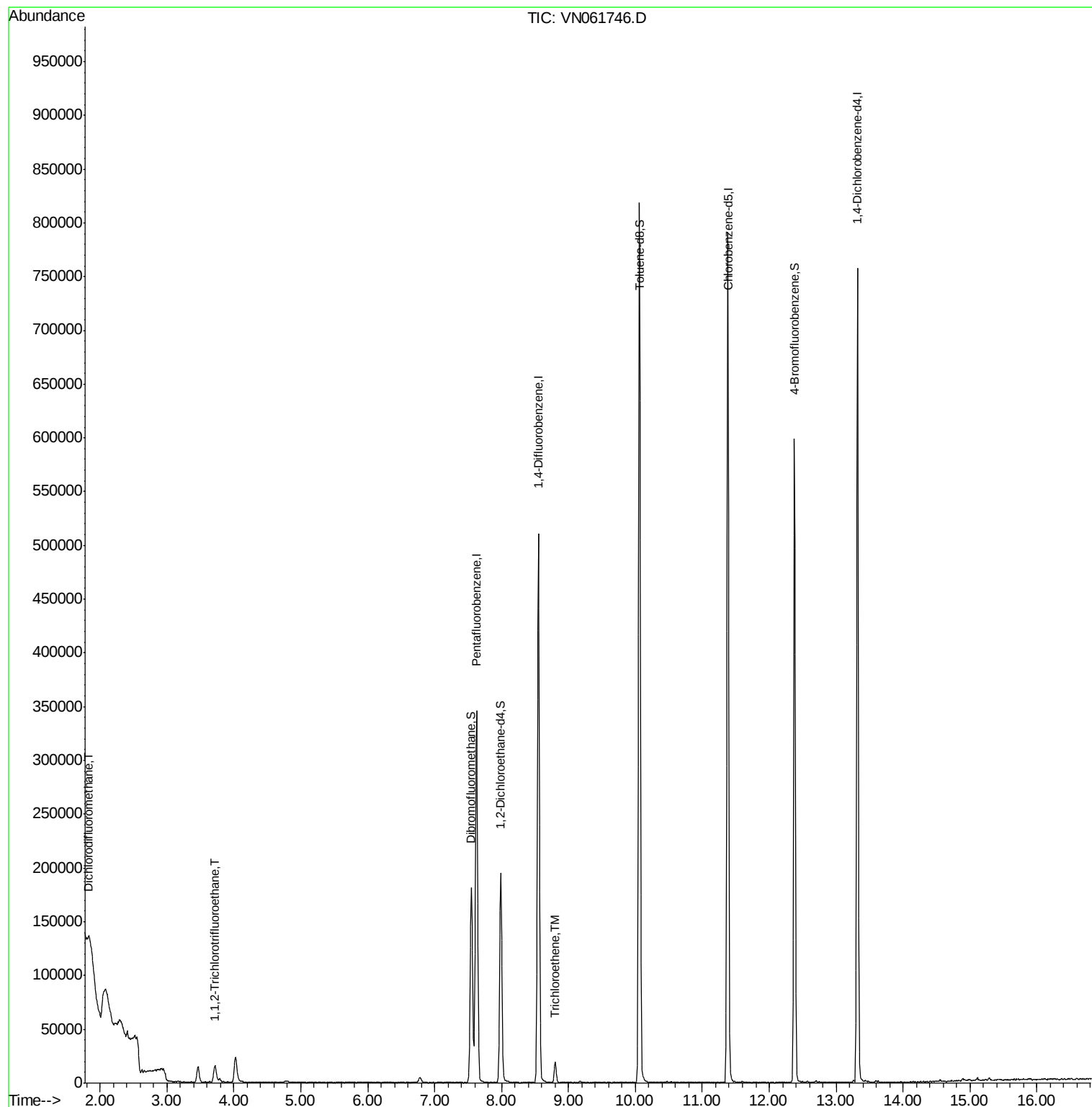
| Internal Standards            | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)   |
|-------------------------------|-------|------|----------|-------|---------|------------|
| 1) Pentafluorobenzene         | 7.63  | 168  | 292651   | 50.00 | ug/l    | 0.00       |
| 34) 1,4-Difluorobenzene       | 8.55  | 114  | 499887   | 50.00 | ug/l    | 0.00       |
| 63) Chlorobenzene-d5          | 11.38 | 117  | 487227   | 50.00 | ug/l    | 0.00       |
| 72) 1,4-Dichlorobenzene-d4    | 13.32 | 152  | 221248   | 50.00 | ug/l    | 0.00       |
| System Monitoring Compounds   |       |      |          |       |         |            |
| 33) 1,2-Dichloroethane-d4     | 7.99  | 65   | 162886   | 46.72 | ug/l    | 0.00       |
| Spiked Amount 50.000          |       |      | Recovery | =     | 93.44%  |            |
| 35) Dibromofluoromethane      | 7.55  | 113  | 141272   | 55.71 | ug/l    | 0.00       |
| Spiked Amount 50.000          |       |      | Recovery | =     | 111.42% |            |
| 50) Toluene-d8                | 10.06 | 98   | 592550   | 50.42 | ug/l    | 0.00       |
| Spiked Amount 50.000          |       |      | Recovery | =     | 100.84% |            |
| 62) 4-Bromofluorobenzene      | 12.38 | 95   | 205902   | 48.03 | ug/l    | 0.00       |
| Spiked Amount 50.000          |       |      | Recovery | =     | 96.06%  |            |
| Target Compounds              |       |      |          |       |         |            |
| 2) Dichlorodifluoromethane    | 1.83  | 85   | 4898     | 2.564 | ug/l    | Qvalue 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72  | 101  | 9762     | 3.488 | ug/l    | 93         |
| 44) Trichloroethene           | 8.80  | 130  | 7835     | 1.867 | ug/l    | 94         |

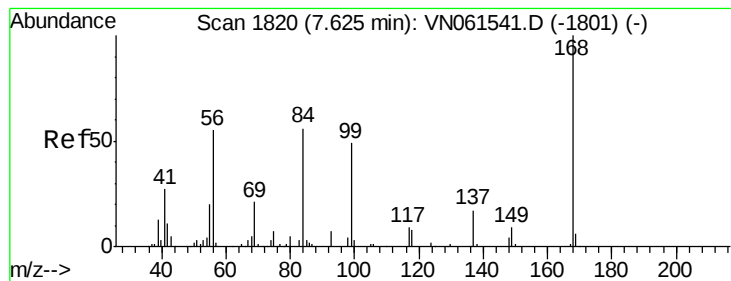
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061120\  
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Quant Title : SW846 8260  
QLast Update : Fri May 29 02:14:10 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: VN061746.D

Acq: 11 Jun 2020 14:54

Instrument :

MSVOA\_N

ClientSampleId :

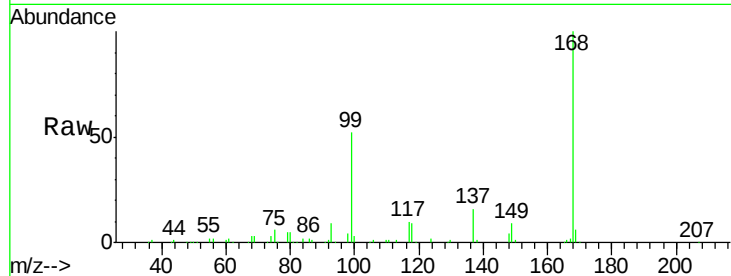
RE132D2-20200608

Tot Ion:168 Resp: 292651

Ion Ratio Lower Upper

168 100

99 52.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

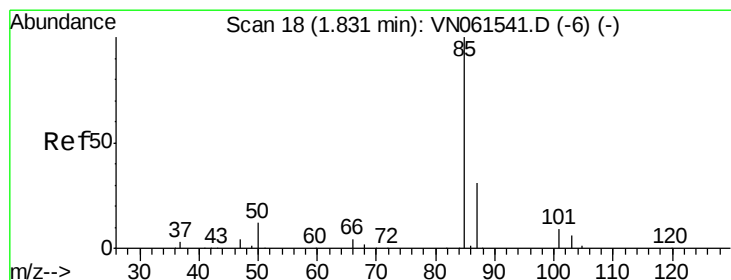
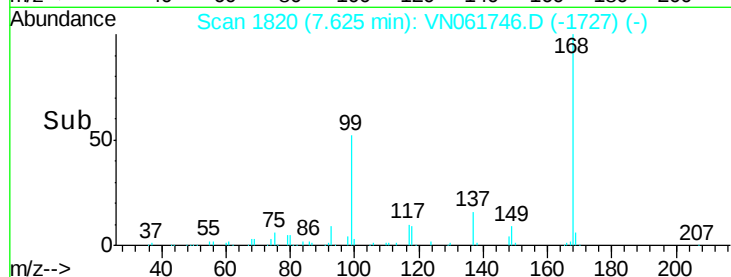
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.564 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061746.D

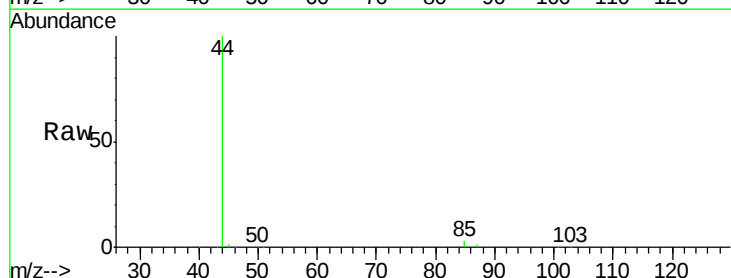
Acq: 11 Jun 2020 14:54

Tgt Ion: 85 Resp: 4898

Ion Ratio Lower Upper

85 100

87 31.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

4000

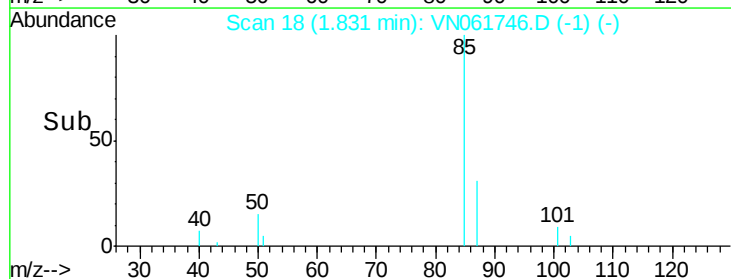
3000

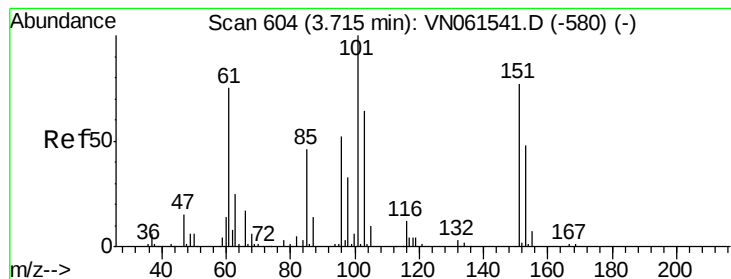
2000

1000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.488 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061746.D

Acq: 11 Jun 2020 14:54

Instrument :

MSVOA\_N

ClientSampleId :

RE132D2-20200608

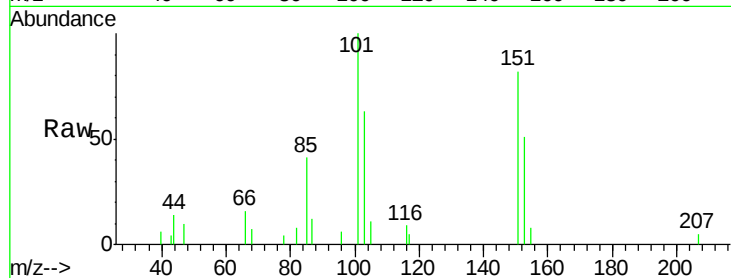
Tot Ion:101 Resp: 9762

Ion Ratio Lower Upper

101 100

85 44.8 35.2 52.8

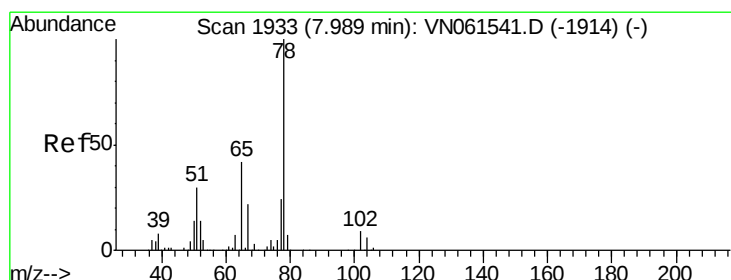
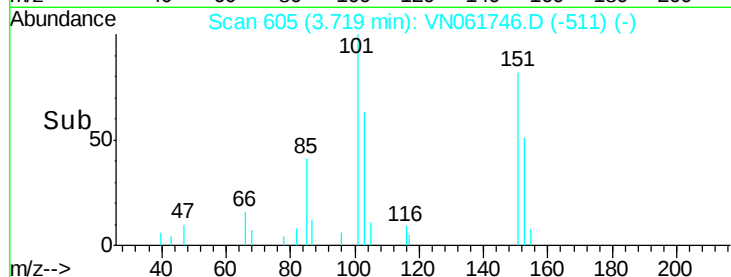
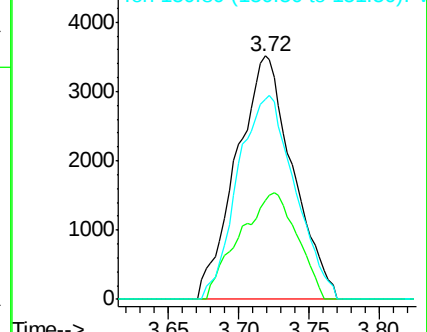
151 85.0 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#33

1,2-Dichloroethane-d4

Concen: 46.716 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061746.D

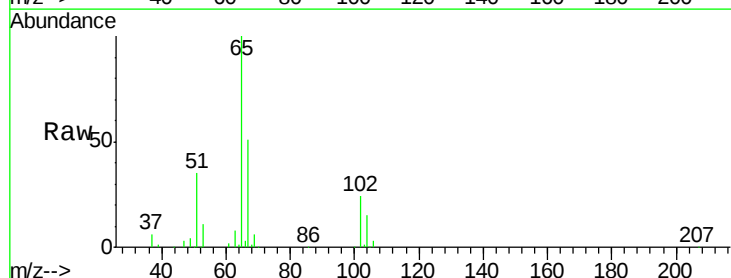
Acq: 11 Jun 2020 14:54

Tgt Ion: 65 Resp: 162886

Ion Ratio Lower Upper

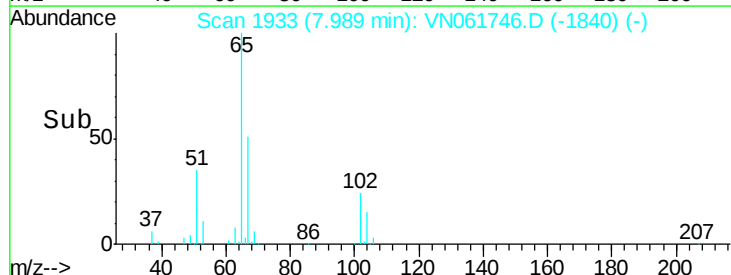
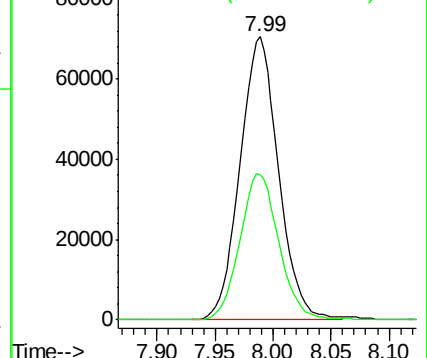
65 100

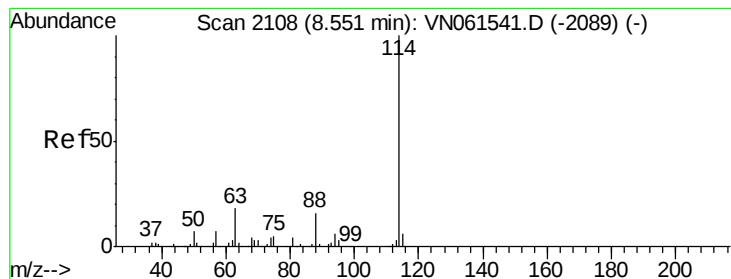
67 52.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061746.D

Acq: 11 Jun 2020 14:54

Instrument :

MSVOA\_N

ClientSampleId :

RE132D2-20200608

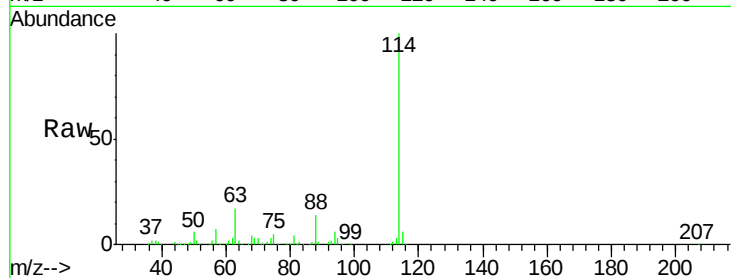
Tot Ion:114 Resp: 499887

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.8

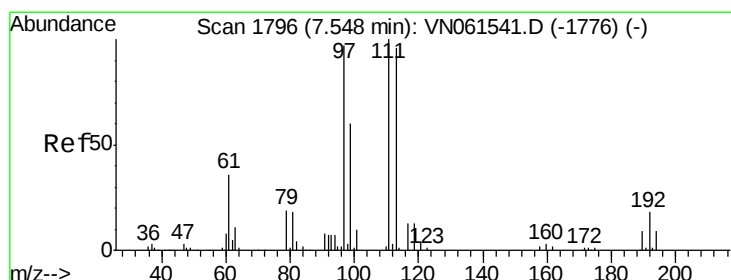
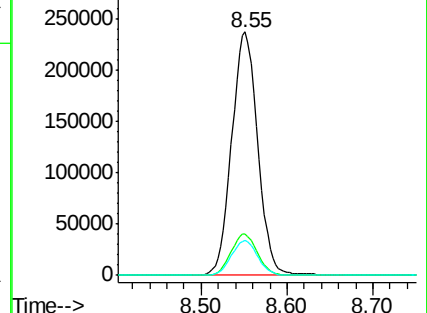
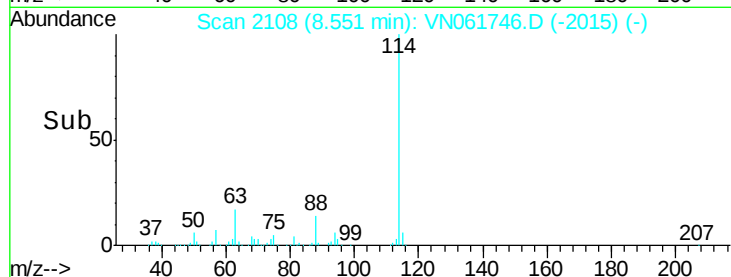
88 14.2 0.0 31.0



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: 55.710 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061746.D

Acq: 11 Jun 2020 14:54

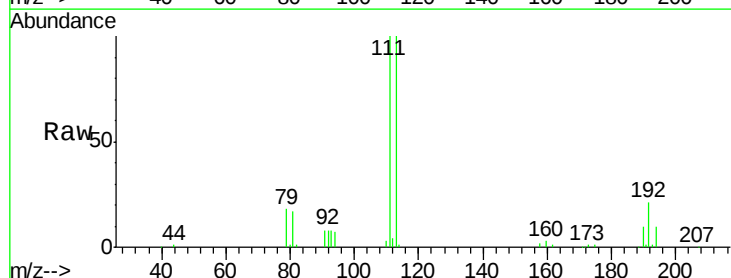
Tgt Ion:113 Resp: 141272

Ion Ratio Lower Upper

113 100

111 100.6 83.4 125.0

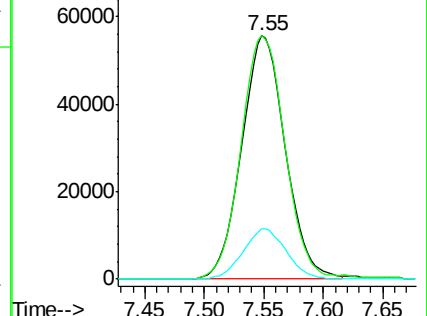
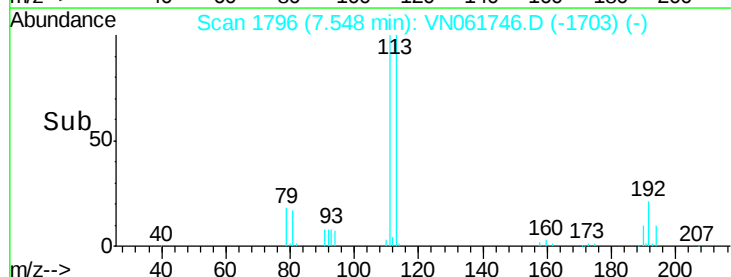
192 20.4 15.4 23.2

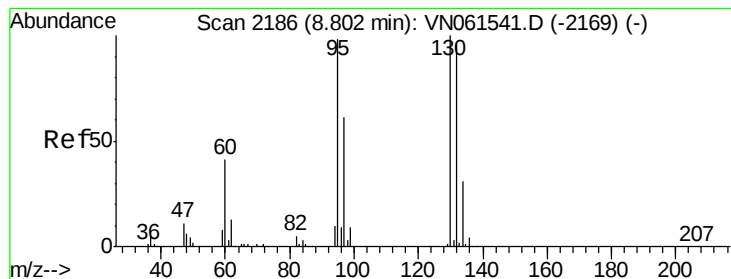


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.867 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061746.D

Acq: 11 Jun 2020 14:54

Instrument :

MSVOA\_N

ClientSampleId :

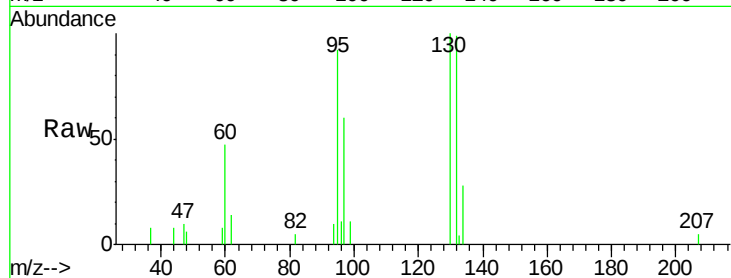
RE132D2-20200608

Tot Ion:130 Resp: 7835

Ion Ratio Lower Upper

130 100

95 91.9 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061541.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061541.D (-2169) (-)

8.80

4000

3000

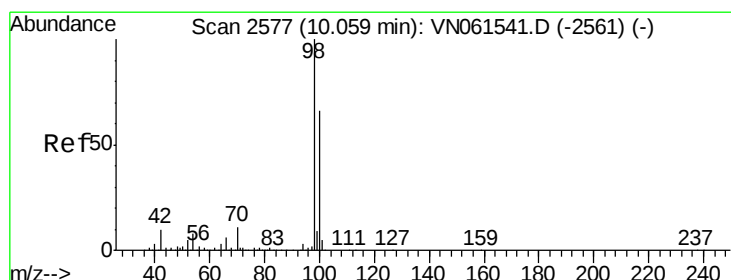
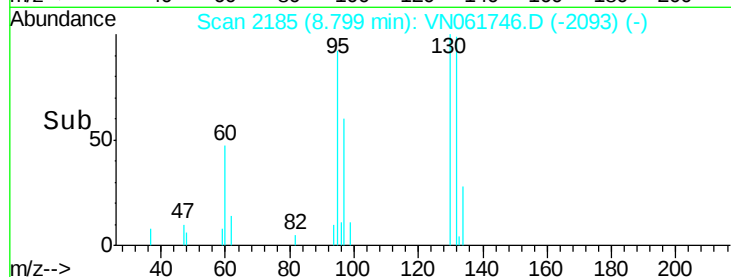
2000

1000

0

8.75 8.80 8.85

Time-->



#50

Toluene-d8

Concen: 50.424 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061746.D

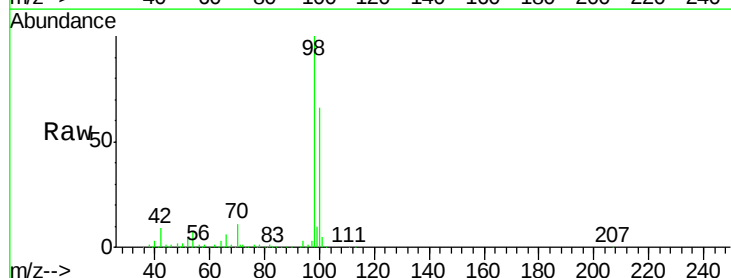
Acq: 11 Jun 2020 14:54

Tgt Ion: 98 Resp: 592550

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061541.D (-2561) (-)

10.06

300000

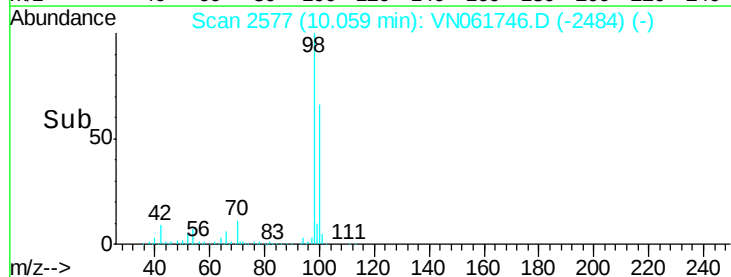
200000

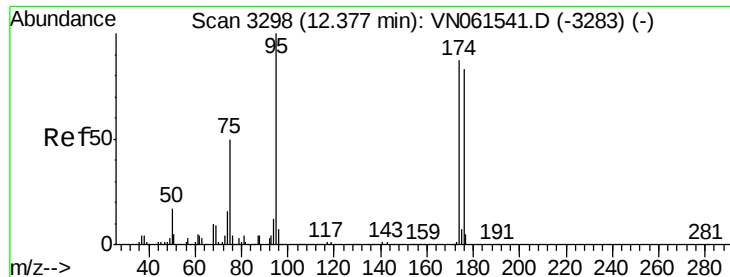
100000

0

10.00 10.06 10.10 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 48.026 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061746.D

Acq: 11 Jun 2020 14:54

Instrument :

MSVOA\_N

ClientSampleId :

RE132D2-20200608

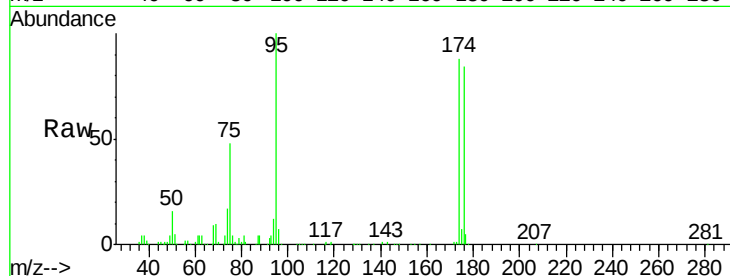
Tot Ion: 95 Resp: 205902

Ion Ratio Lower Upper

95 100

174 88.5 0.0 172.8

176 84.6 0.0 164.8

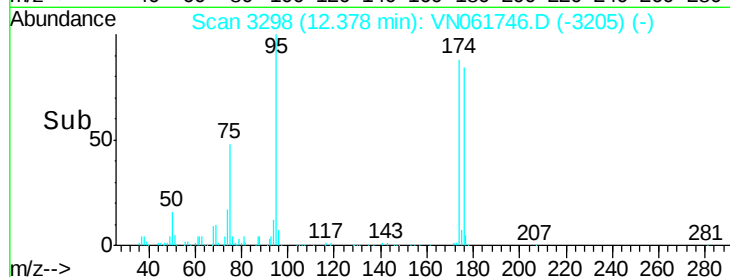


Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

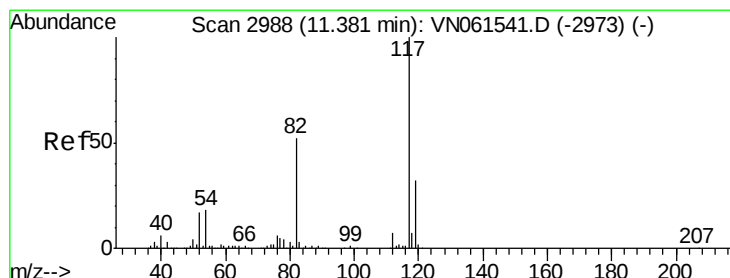
Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)

12.38



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061746.D

Acq: 11 Jun 2020 14:54

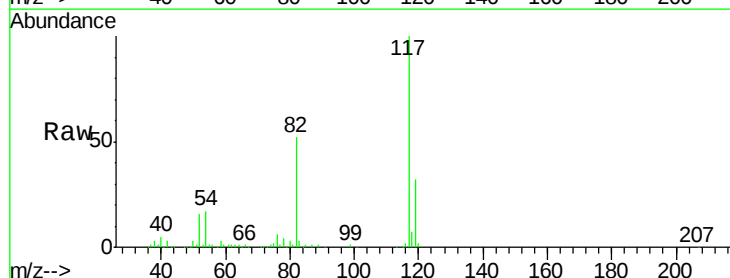
Tgt Ion: 117 Resp: 487227

Ion Ratio Lower Upper

117 100

82 51.8 41.5 62.3

119 32.1 25.6 38.4

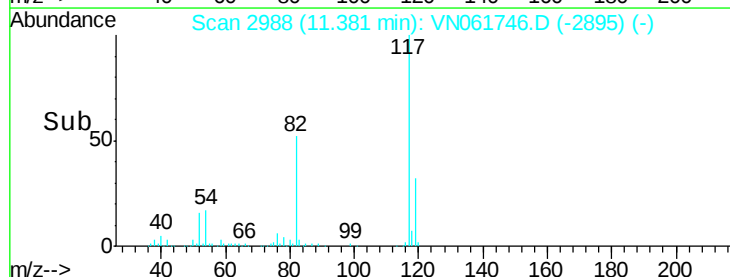


Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

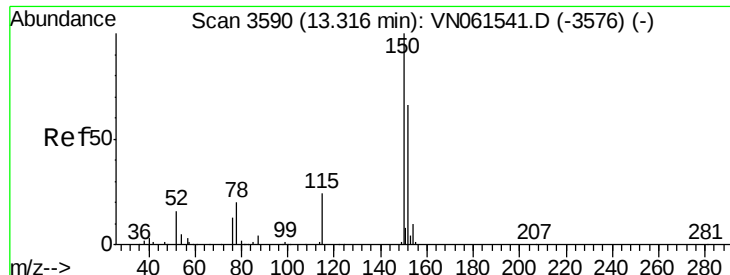
Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)

11.38



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061746.D

Acq: 11 Jun 2020 14:54

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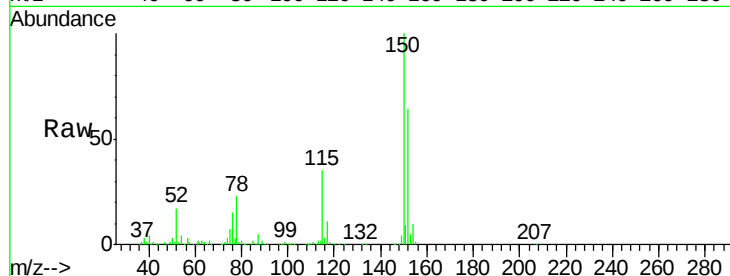
Tot Ion:152 Resp: 221248

Ion Ratio Lower Upper

152 100

115 54.1 28.0 84.0

150 153.8 0.0 344.0



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

