

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\  
 Data File : VY002724.D  
 Acq On : 20 May 2020 12:22  
 Operator : SY/MD  
 Sample : L2722-01  
 Misc : 6.40G/5ML/MSVOA Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 COMP-1

Quant Time: May 21 04:05:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y051520S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat May 16 04:52:36 2020  
 Response via : Initial Calibration

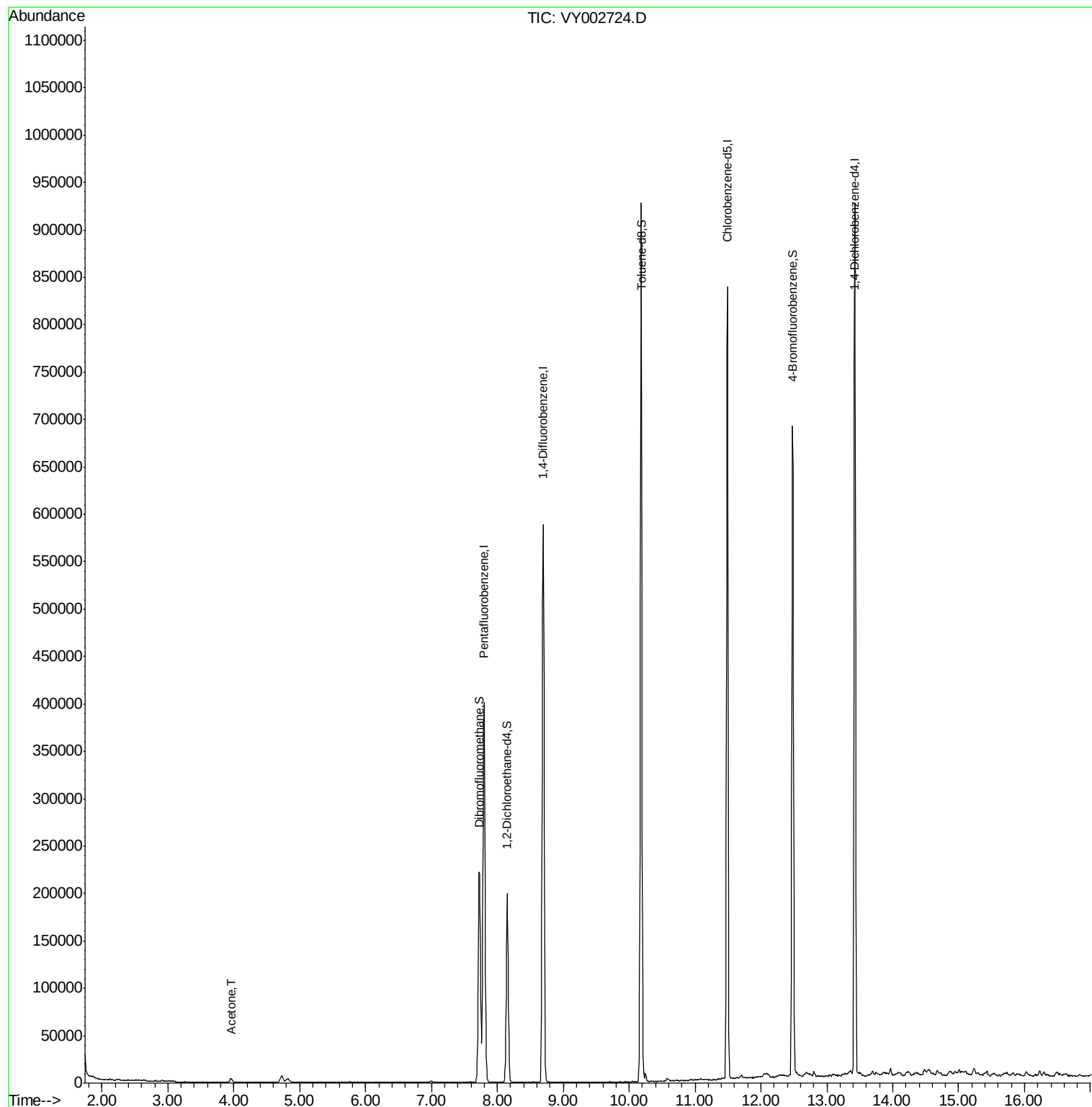
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.80  | 168  | 343935   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.69  | 114  | 539171   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.49 | 117  | 491281   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.42 | 152  | 247561   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 149903   | 55.72  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 111.44% |           |
| 35) Dibromofluoromethane    | 7.72  | 113  | 159488   | 53.60  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.20% |           |
| 50) Toluene-d8              | 10.18 | 98   | 627543   | 52.38  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.76% |           |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 212052   | 51.50  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.00% |           |
| Target Compounds            |       |      |          |        |         |           |
| 16) Acetone                 | 3.96  | 43   | 6558     | 11.825 | ug/l    | Qvalue 92 |

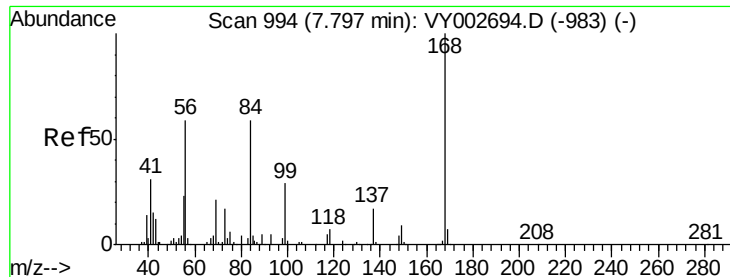
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Sat May 16 04:52:36 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002724.D

Acq: 20 May 2020 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

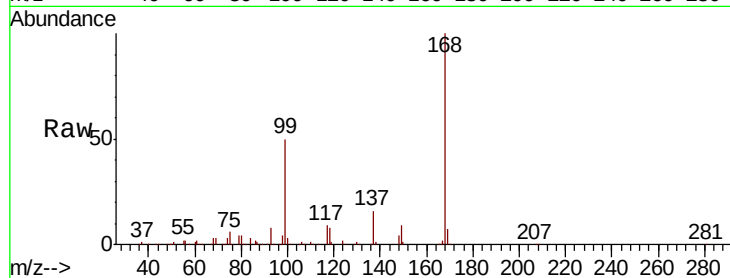
COMP-1

Tot Ion:168 Resp: 343935

Ion Ratio Lower Upper

168 100

99 50.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002694.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002694.D (-983) (-)

7.80

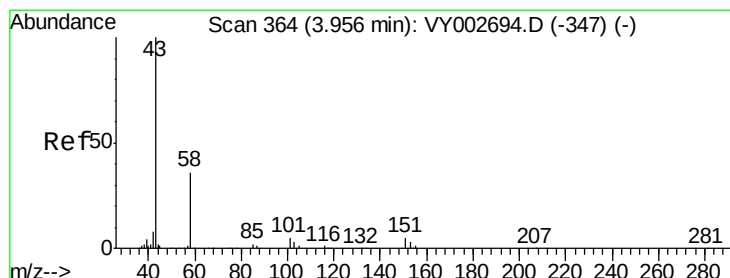
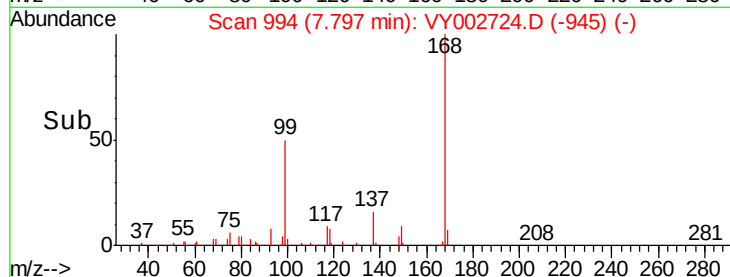
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.825 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002724.D

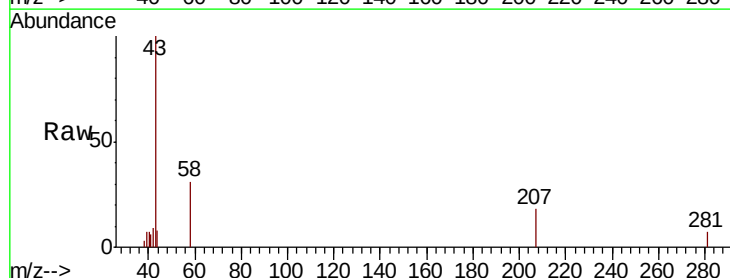
Acq: 20 May 2020 12:22

Tgt Ion: 43 Resp: 6558

Ion Ratio Lower Upper

43 100

58 31.4 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VY002694.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002694.D (-347) (-)

3.96

2500

2000

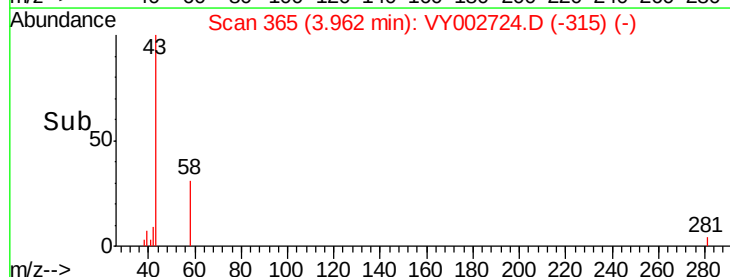
1500

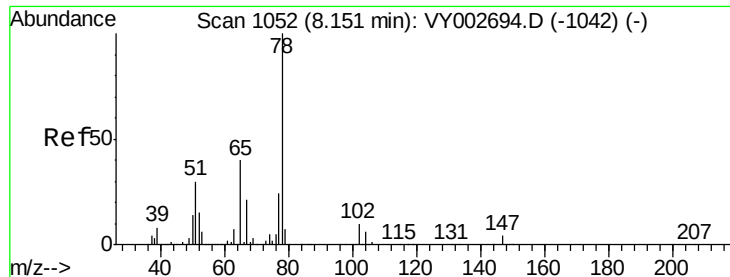
1000

500

0

Time-->

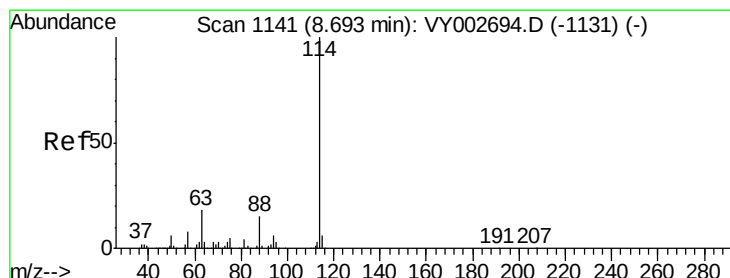
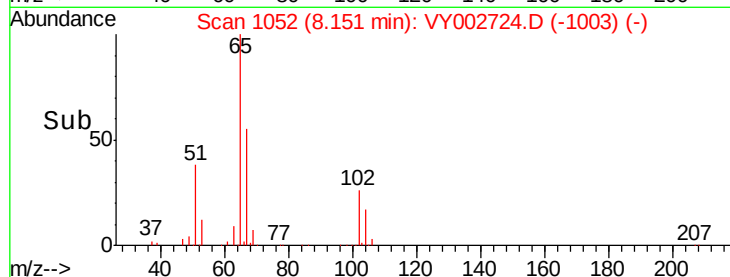
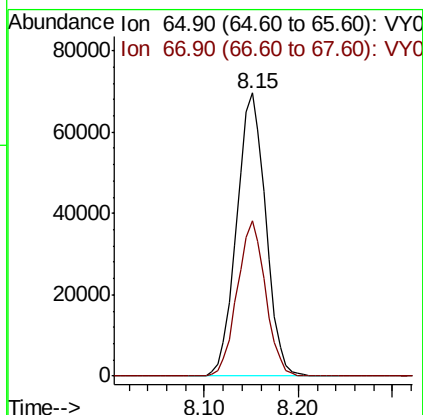
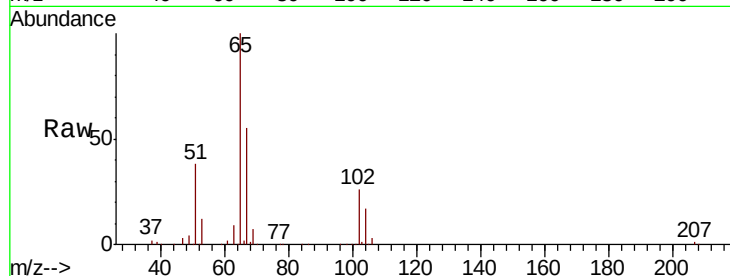




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.720 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: VY002724.D  
 Acq: 20 May 2020 12:22

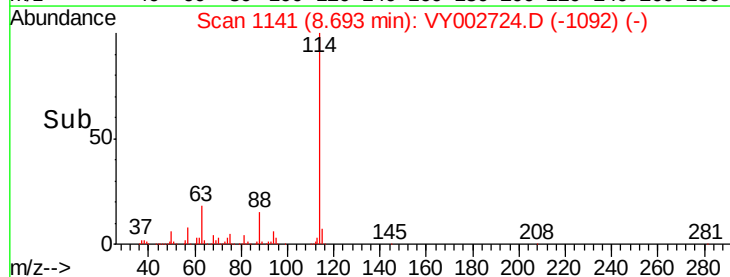
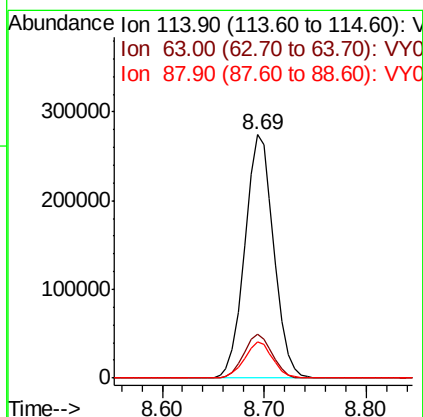
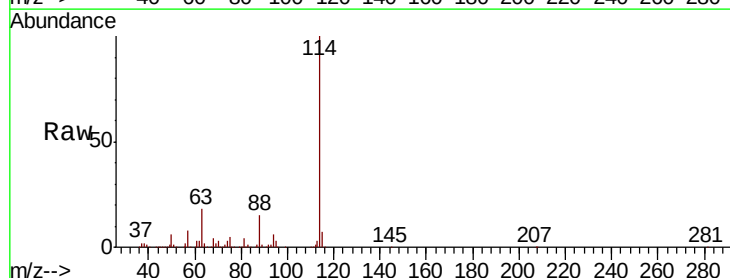
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 COMP-1

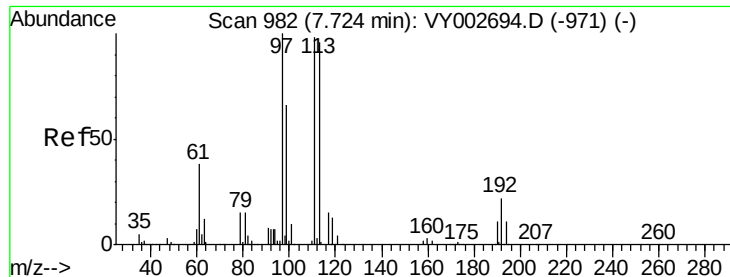
Tot Ion: 65 Resp: 149903  
 Ion Ratio Lower Upper  
 65 100  
 67 53.5 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. -0.00 min  
 Lab File: VY002724.D  
 Acq: 20 May 2020 12:22

Tgt Ion: 114 Resp: 539171  
 Ion Ratio Lower Upper  
 114 100  
 63 17.9 0.0 35.4  
 88 14.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 53.599 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002724.D

Acq: 20 May 2020 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

COMP-1

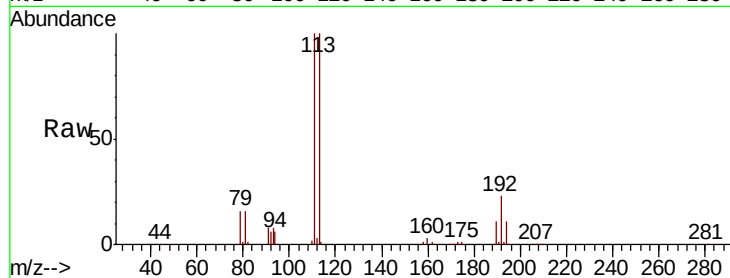
Tot Ion:113 Resp: 159488

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

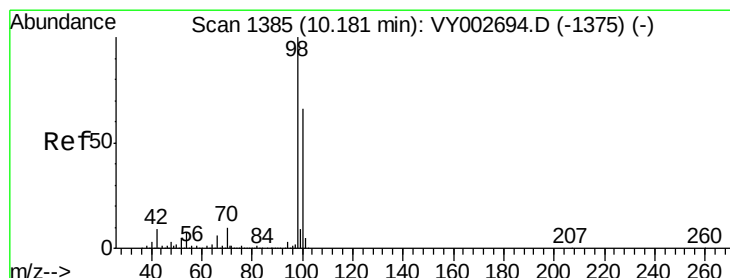
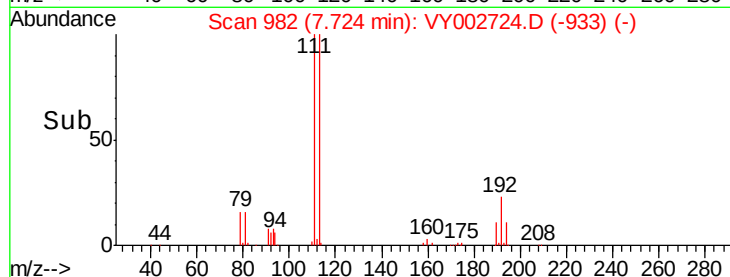
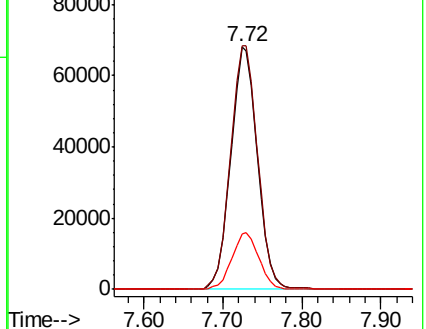
192 23.7 18.6 27.8



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



#50

Toluene-d8

Concen: 52.383 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002724.D

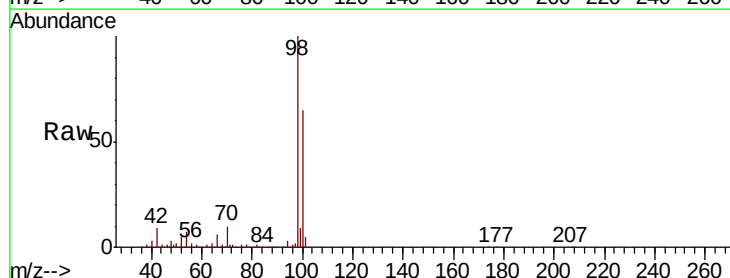
Acq: 20 May 2020 12:22

Tgt Ion: 98 Resp: 627543

Ion Ratio Lower Upper

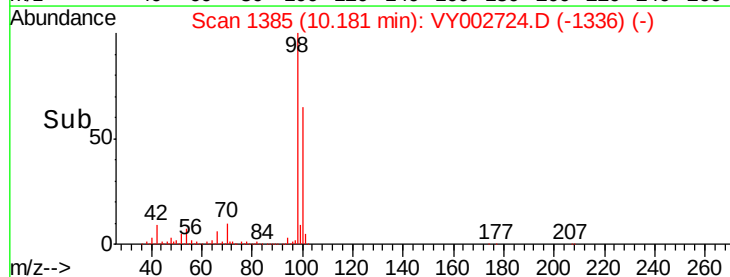
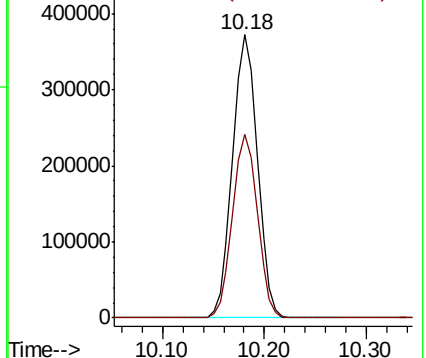
98 100

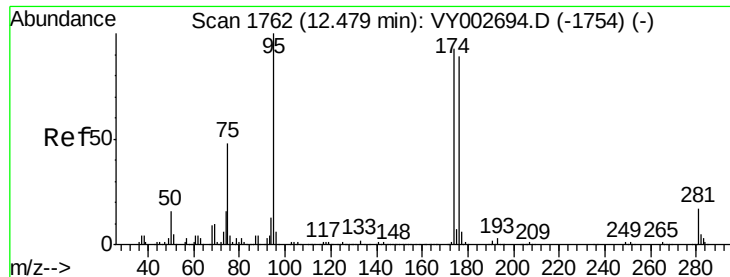
100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 51.500 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002724.D

Acq: 20 May 2020 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

COMP-1

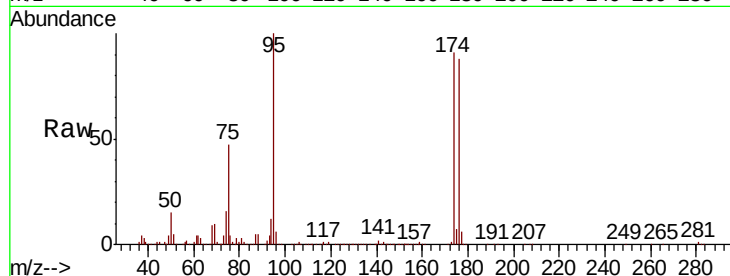
Tot Ion: 95 Resp: 212052

Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.4

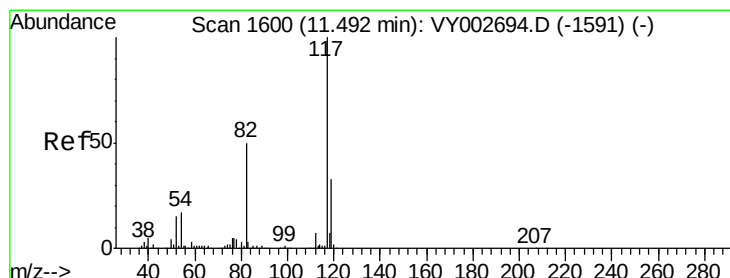
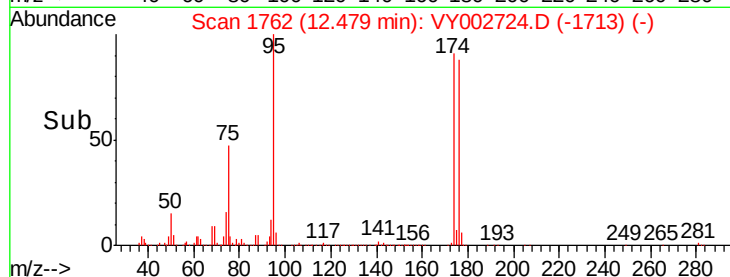
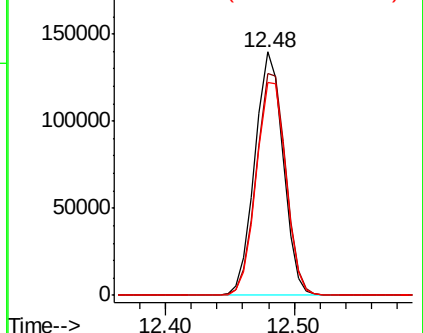
176 91.6 0.0 186.0



Abundance Ion 94.90 (94.60 to 95.60): VY002724.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002724.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002724.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002724.D

Acq: 20 May 2020 12:22

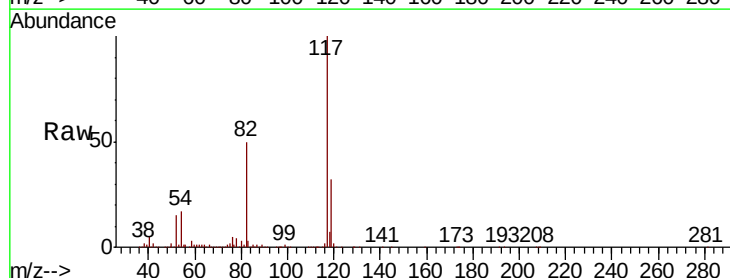
Tgt Ion: 117 Resp: 491281

Ion Ratio Lower Upper

117 100

82 50.3 40.3 60.5

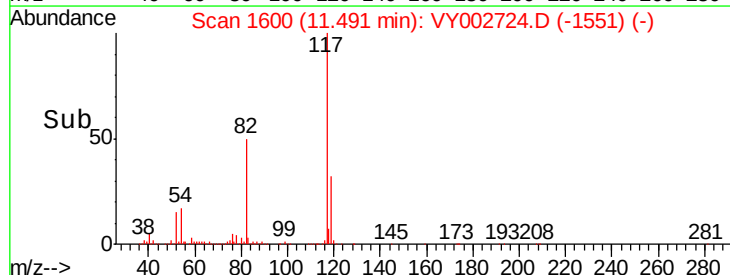
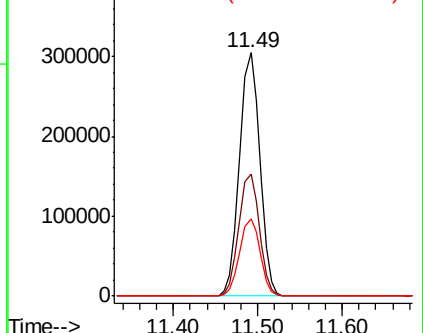
119 31.8 26.2 39.4

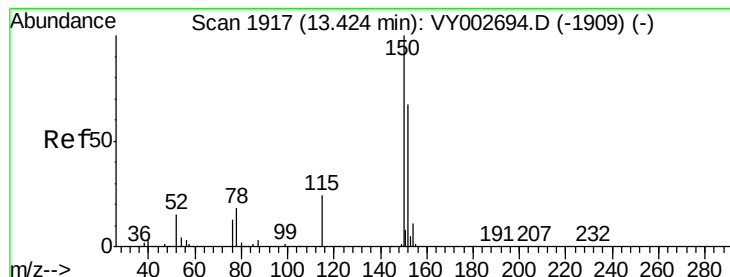


Abundance Ion 116.90 (116.60 to 117.60): VY002724.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002724.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002724.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002724.D

Acq: 20 May 2020 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

COMP-1

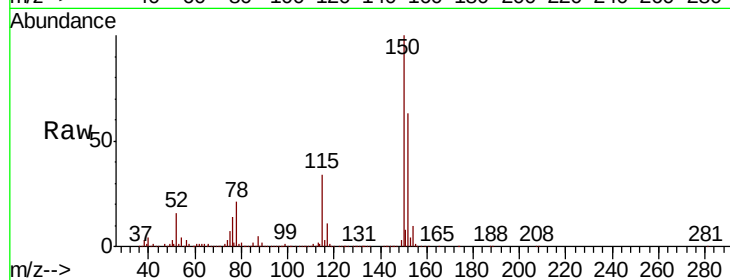
Tot Ion:152 Resp: 247561

Ion Ratio Lower Upper

152 100

115 54.8 27.2 81.6

150 158.5 0.0 343.8



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

