

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\  
 Data File : VY001901.D  
 Acq On : 06 Mar 2020 16:33  
 Operator : SY/MD  
 Sample : L1836-01  
 Misc : 6.23G/5ML/MSVOA Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VNJ-212-VNJ-221

Quant Time: Mar 06 23:51:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y030420S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 05 04:05:33 2020  
 Response via : Initial Calibration

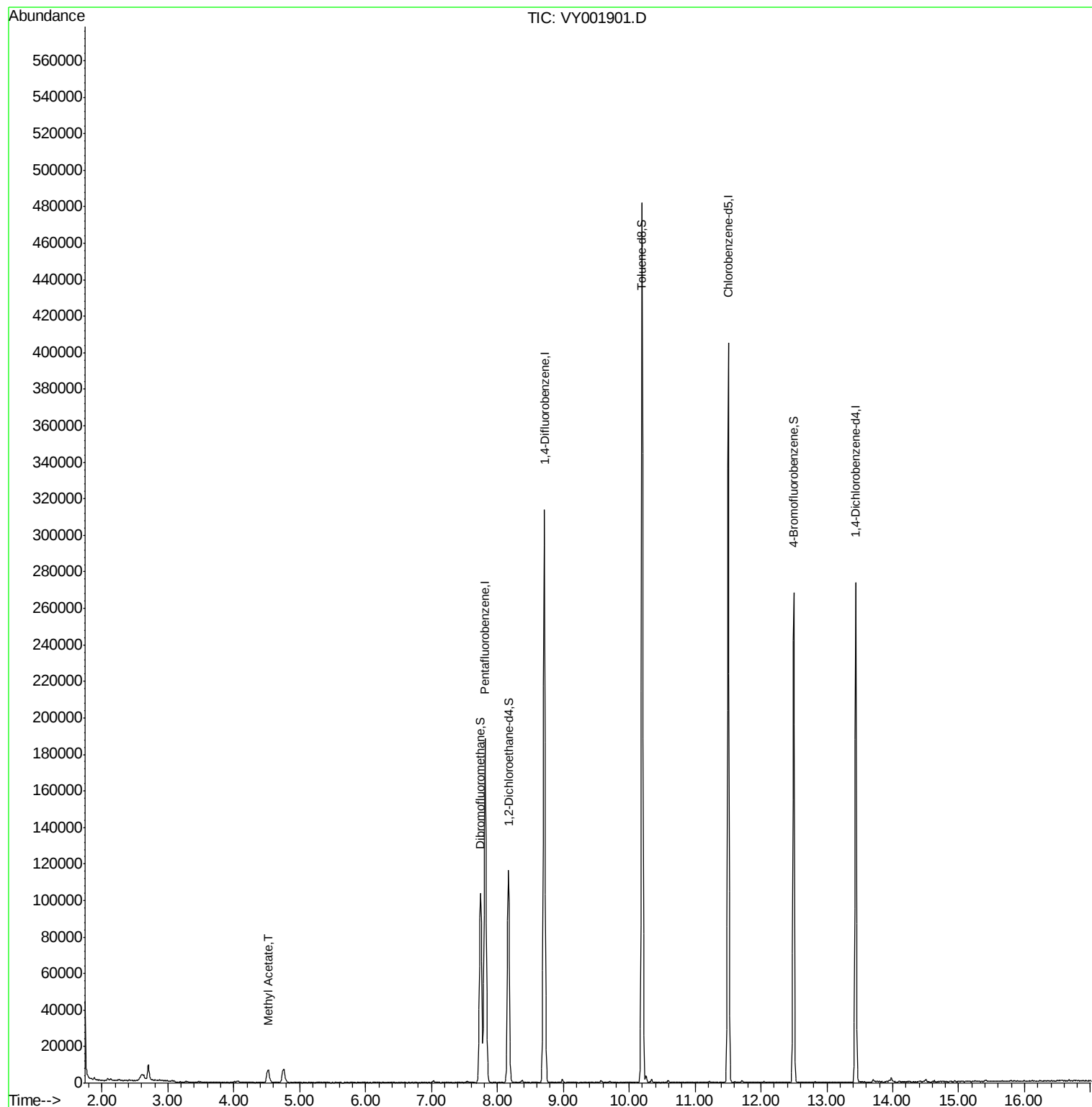
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.82  | 168  | 141450   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.71  | 114  | 267563   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.50 | 117  | 217729   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.44 | 152  | 68123    | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.17  | 65   | 83574    | 55.34  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 110.68% |           |
| 35) Dibromofluoromethane    | 7.74  | 113  | 76320    | 52.24  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.48% |           |
| 50) Toluene-d8              | 10.19 | 98   | 316772   | 51.42  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.84% |           |
| 62) 4-Bromofluorobenzene    | 12.50 | 95   | 85164    | 39.76  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 79.52%  |           |
| Target Compounds            |       |      |          |        |         |           |
| 18) Methyl Acetate          | 4.52  | 43   | 13970    | 12.362 | ug/l    | Qvalue 97 |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030620\  
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Sample : L1836-01  
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VNJ-212-VNJ-221

Quant Time: Mar 06 23:51:47 2020  
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Quant Title : SW846 8260  
QLast Update : Thu Mar 05 04:05:33 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001901.D

Acq: 06 Mar 2020 16:33

Instrument :

MSVOA\_Y

ClientSampleId :

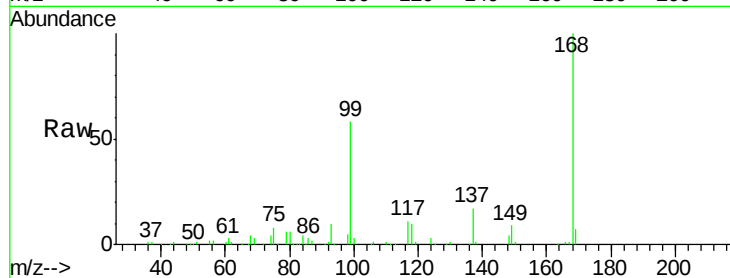
VNJ-212-VNJ-221

Tot Ion:168 Resp: 141450

Ion Ratio Lower Upper

168 100

99 58.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001901.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001901.D (-948) (-)

7.82

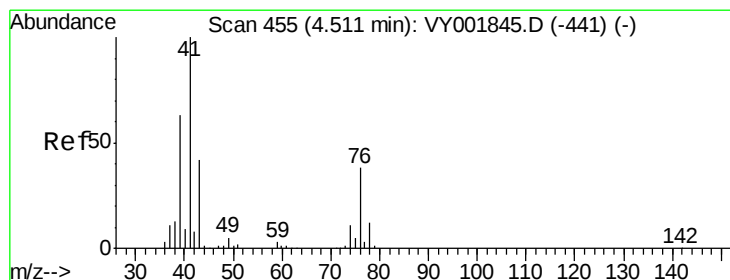
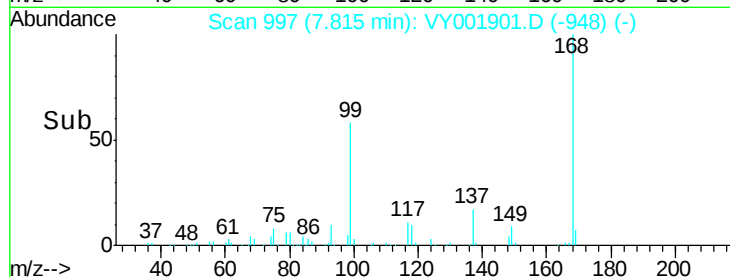
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 12.362 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001901.D

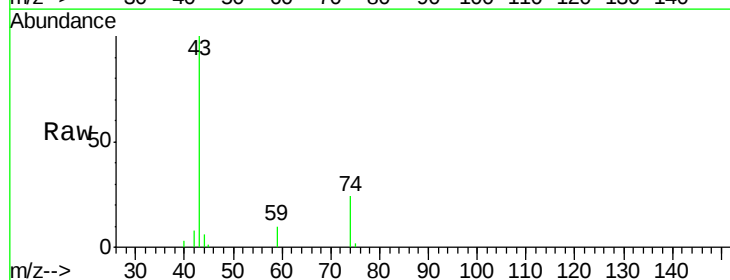
Acq: 06 Mar 2020 16:33

Tgt Ion: 43 Resp: 13970

Ion Ratio Lower Upper

43 100

74 22.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY001901.D (-406) (-)

Ion 74.00 (73.70 to 74.70): VY001901.D (-406) (-)

4.52

5000

4000

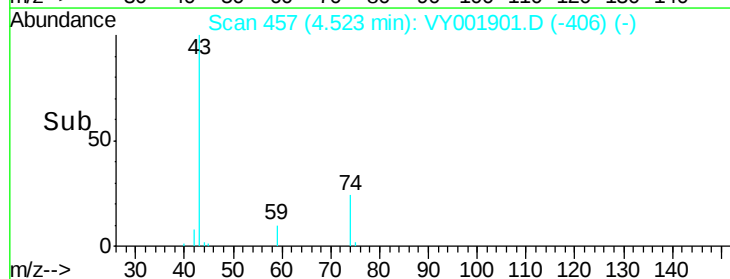
3000

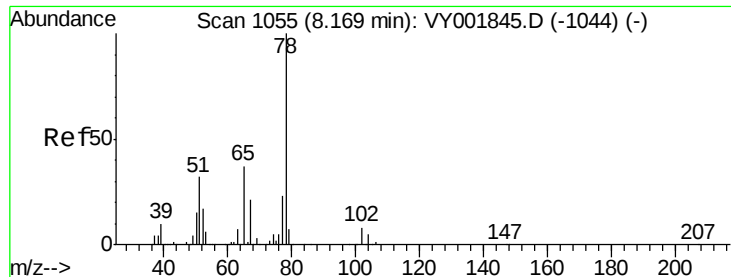
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.344 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001901.D

Acq: 06 Mar 2020 16:33

Instrument :

MSVOA\_Y

ClientSampleId :

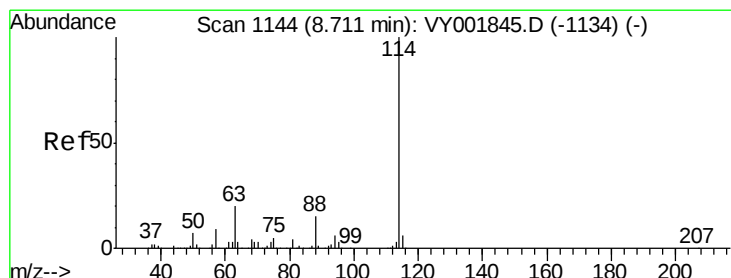
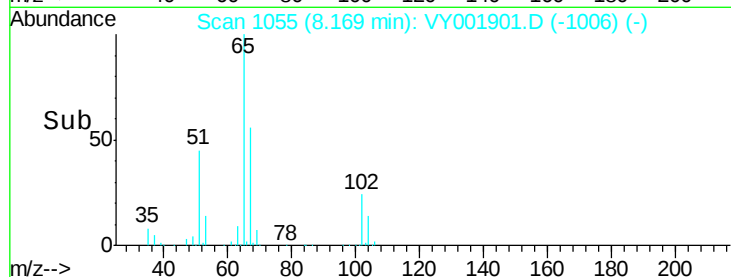
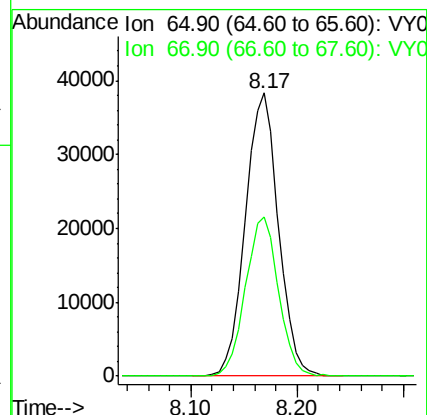
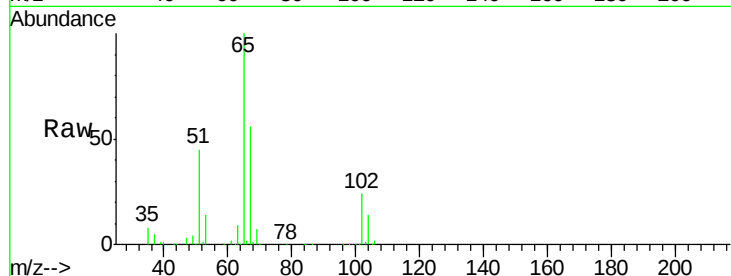
VNJ-212-VNJ-221

Tot Ion: 65 Resp: 83574

Ion Ratio Lower Upper

65 100

67 56.1 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001901.D

Acq: 06 Mar 2020 16:33

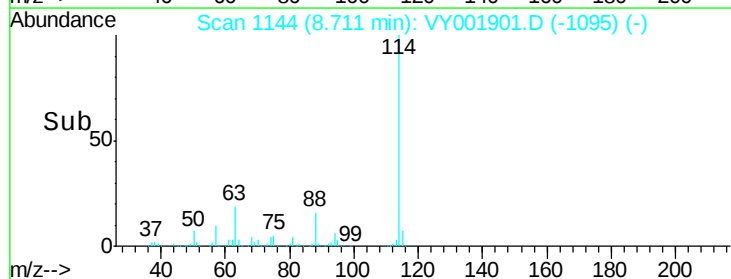
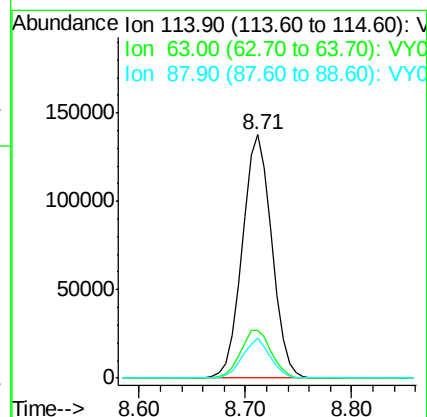
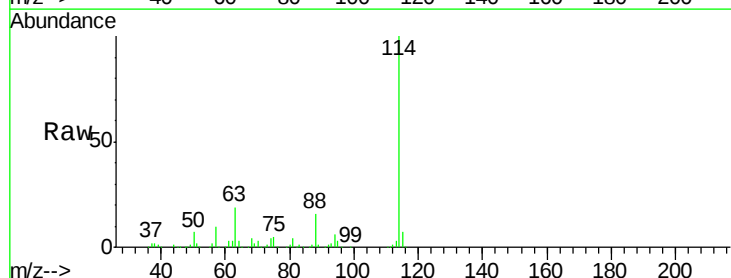
Tgt Ion: 114 Resp: 267563

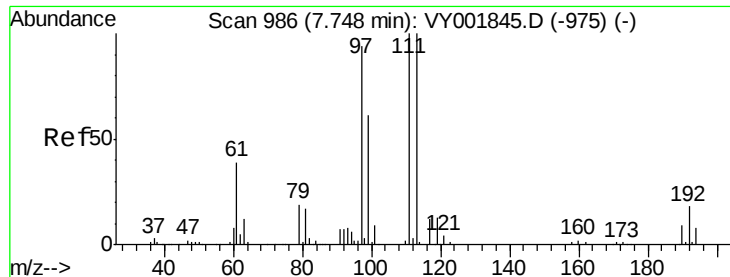
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

88 16.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.238 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001901.D

Acq: 06 Mar 2020 16:33

Instrument :

MSVOA\_Y

ClientSampleId :

VNJ-212-VNJ-221

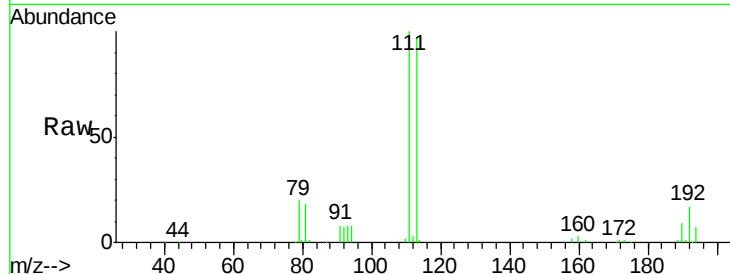
Tot Ion:113 Resp: 76320

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

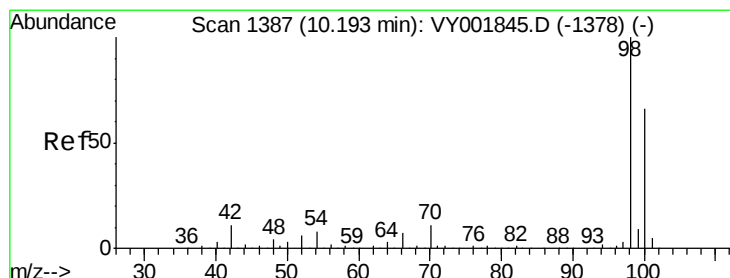
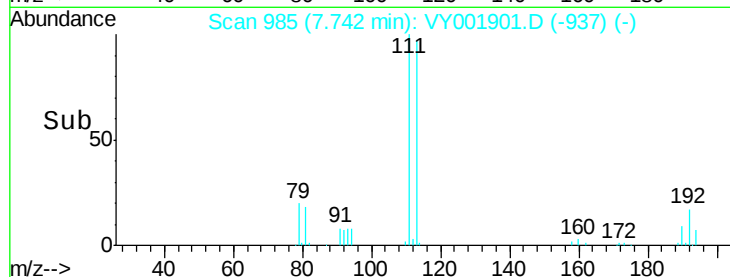
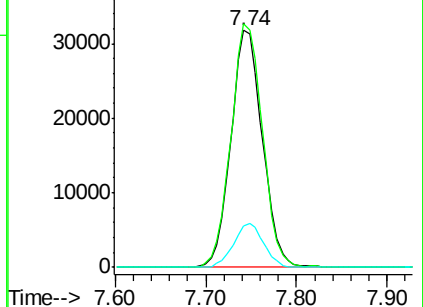
192 17.8 14.2 21.2



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



#50

Toluene-d8

Concen: 51.417 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001901.D

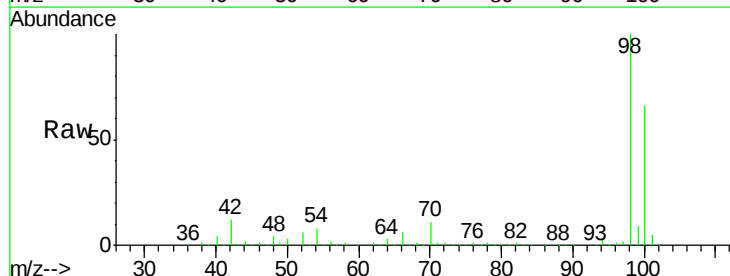
Acq: 06 Mar 2020 16:33

Tgt Ion: 98 Resp: 316772

Ion Ratio Lower Upper

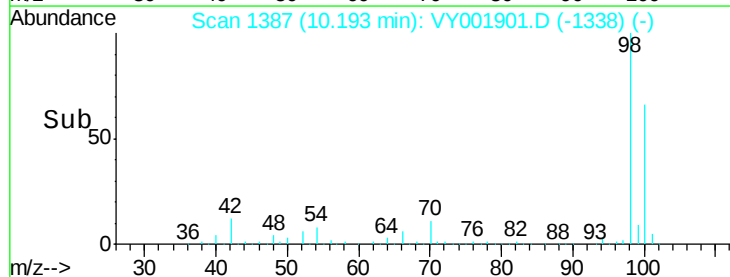
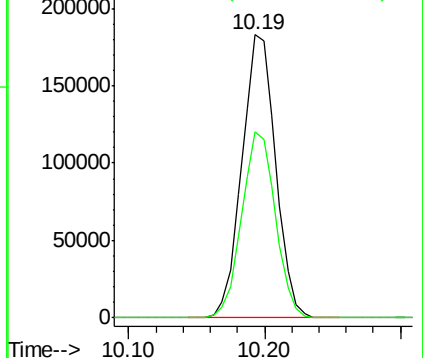
98 100

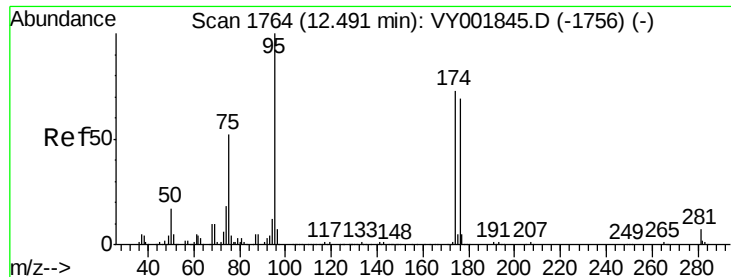
100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 39.755 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001901.D

Acq: 06 Mar 2020 16:33

Instrument :

MSVOA\_Y

ClientSampleId :

VNJ-212-VNJ-221

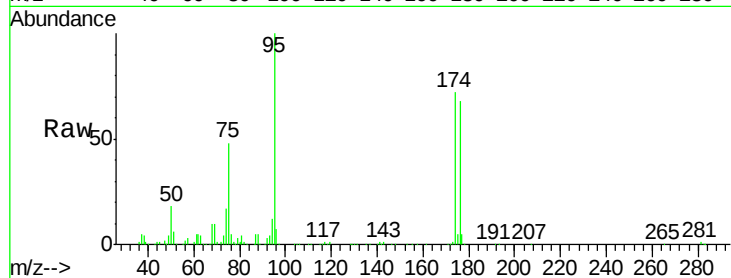
Tot Ion: 95 Resp: 85164

Ion Ratio Lower Upper

95 100

174 74.2 0.0 145.0

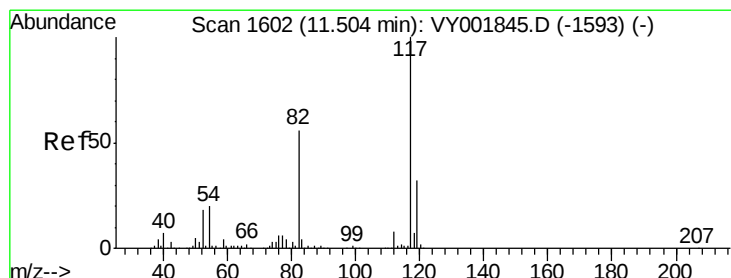
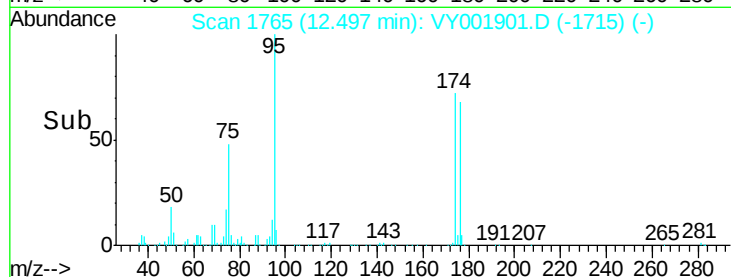
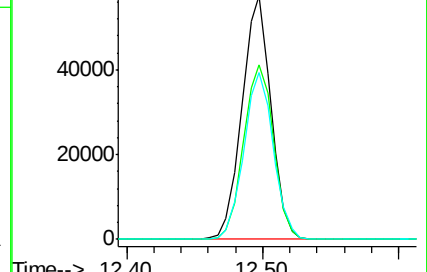
176 69.9 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY001901.D

Acq: 06 Mar 2020 16:33

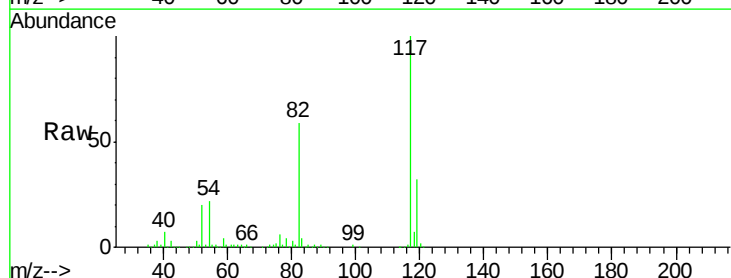
Tgt Ion: 117 Resp: 217729

Ion Ratio Lower Upper

117 100

82 59.0 44.5 66.7

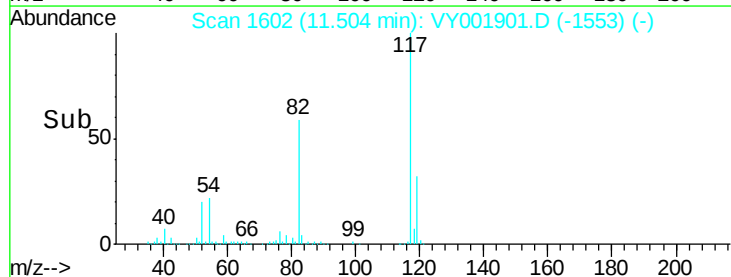
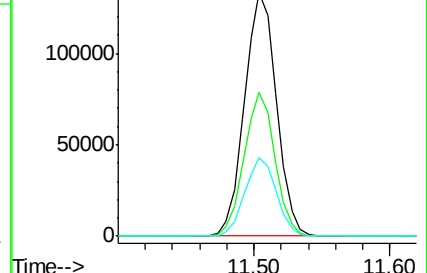
119 32.0 25.7 38.5

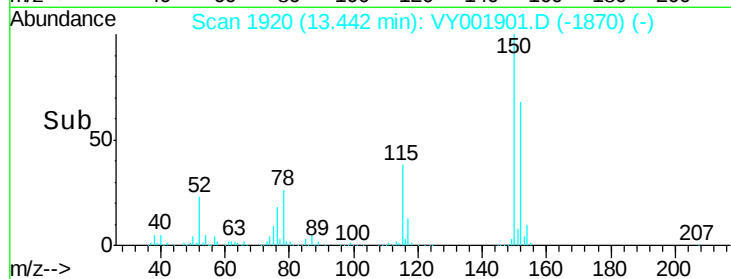
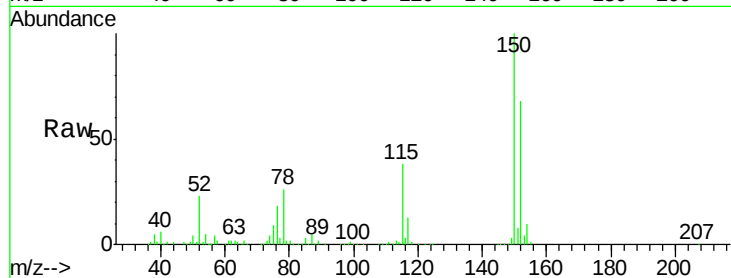
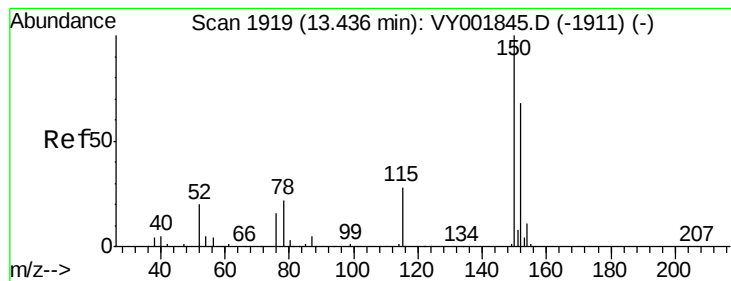


Abundance Ion 116.90 (116.60 to 117.60): VY001845.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY001845.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY001845.D (-1593) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001901.D

Acq: 06 Mar 2020 16:33

Instrument :

MSVOA\_Y

ClientSampleId :

VNJ-212-VNJ-221

Tot Ion:152 Resp: 68123

Ion Ratio Lower Upper

152 100

115 60.6 29.9 89.7

150 155.5 0.0 340.6

