

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\  
 Data File : VY002314.D  
 Acq On : 14 Apr 2020 17:18  
 Operator : SY/MD  
 Sample : L2230-03  
 Misc : 7.15G/5ML/MSVOA Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-3

Quant Time: Apr 15 06:37:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 15:15:02 2020  
 Response via : Initial Calibration

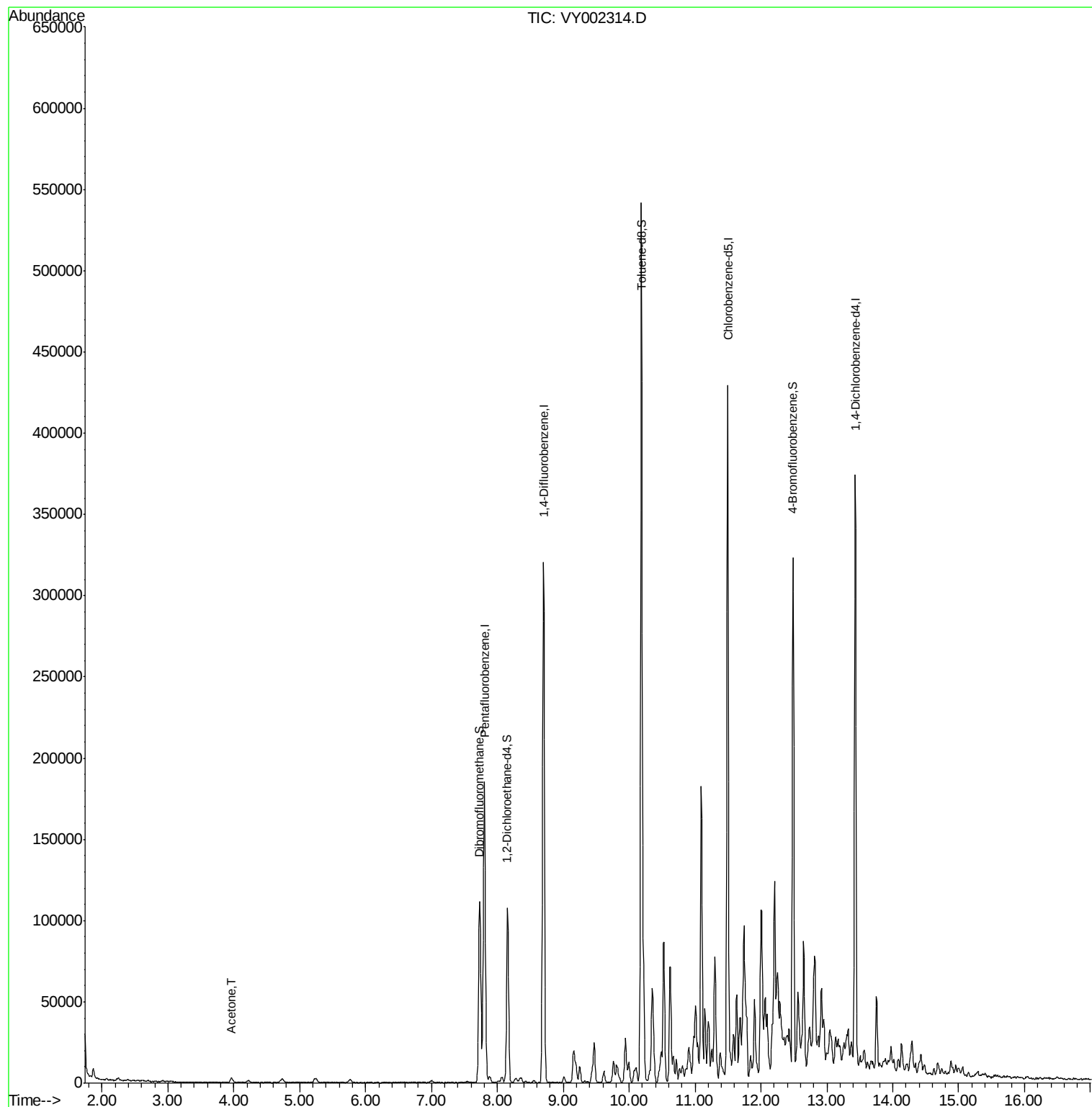
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min)   |
|-----------------------------|-------|------|----------|--------|--------|------------|
| 1) Pentafluorobenzene       | 7.80  | 168  | 140049   | 50.00  | ug/l   | 0.00       |
| 34) 1,4-Difluorobenzene     | 8.70  | 114  | 277359   | 50.00  | ug/l   | 0.00       |
| 63) Chlorobenzene-d5        | 11.50 | 117  | 245082   | 50.00  | ug/l   | 0.00       |
| 72) 1,4-Dichlorobenzene-d4  | 13.43 | 152  | 93024    | 50.00  | ug/l   | 0.00       |
| System Monitoring Compounds |       |      |          |        |        |            |
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 76712    | 49.25  | ug/l   | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.50% |            |
| 35) Dibromofluoromethane    | 7.73  | 113  | 81883    | 49.61  | ug/l   | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.22% |            |
| 50) Toluene-d8              | 10.19 | 98   | 332490   | 48.13  | ug/l   | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.26% |            |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 103670   | 45.49  | ug/l   | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =      | 90.98% |            |
| Target Compounds            |       |      |          |        |        |            |
| 16) Acetone                 | 3.96  | 43   | 5122     | 12.486 | ug/l   | Qvalue 100 |

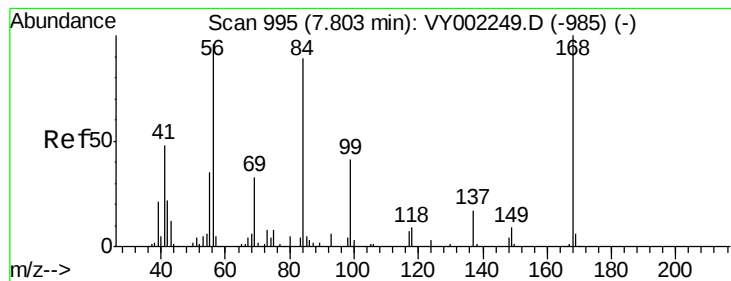
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\  
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QLast Update : Wed Apr 08 15:15:02 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002314.D

Acq: 14 Apr 2020 17:18

Instrument :

MSVOA\_Y

ClientSampleId :

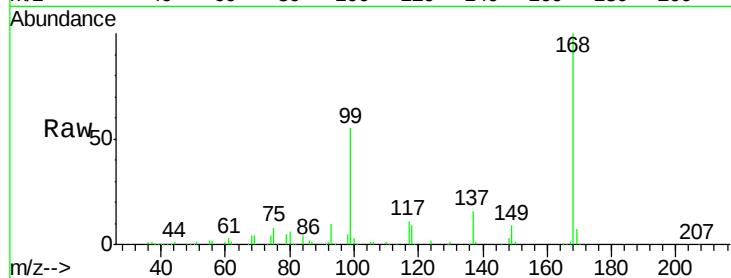
TP-3

Tot Ion:168 Resp: 140049

Ion Ratio Lower Upper

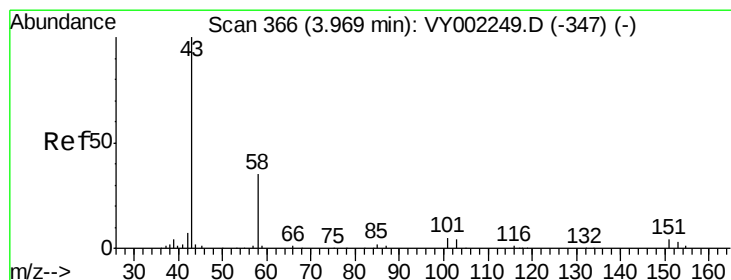
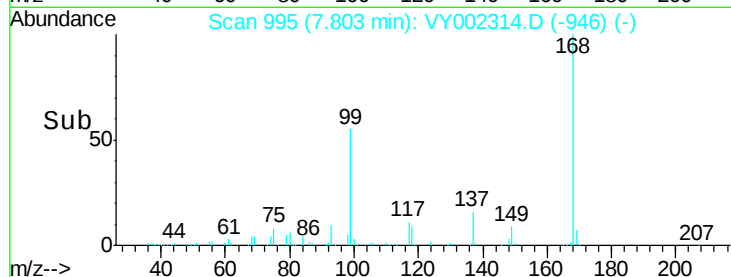
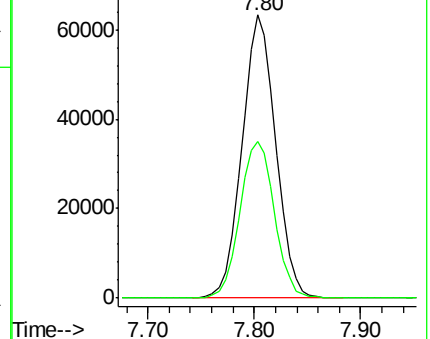
168 100

99 55.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 12.486 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002314.D

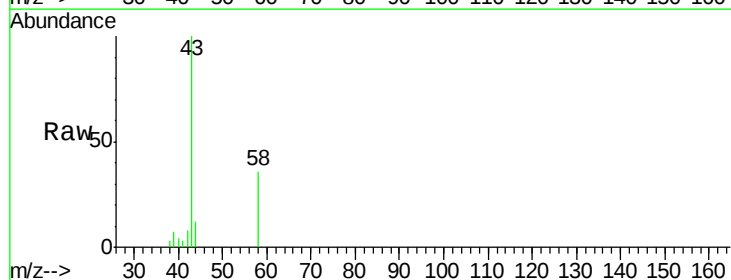
Acq: 14 Apr 2020 17:18

Tgt Ion: 43 Resp: 5122

Ion Ratio Lower Upper

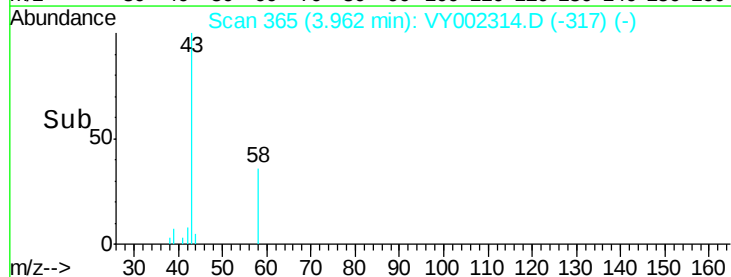
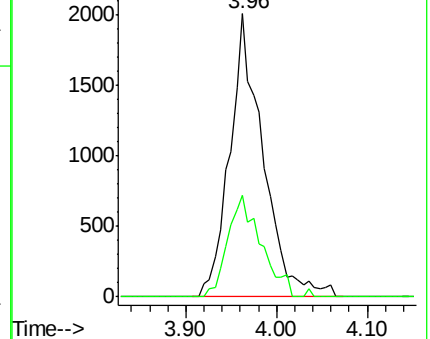
43 100

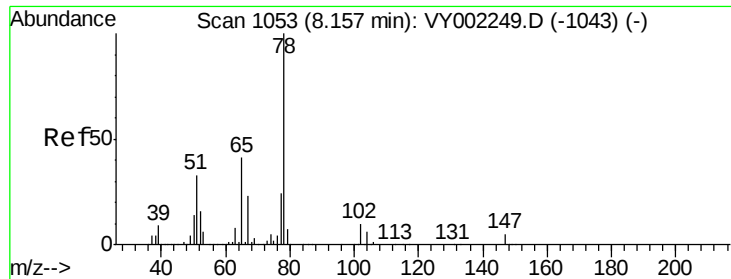
58 35.7 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

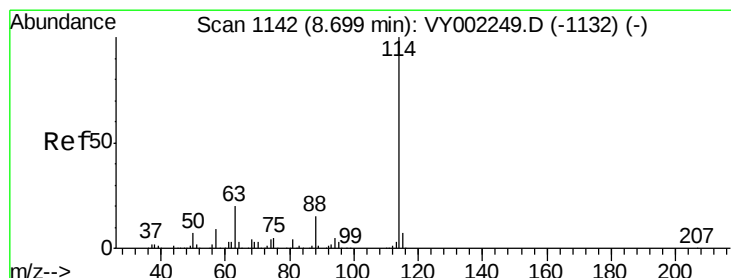
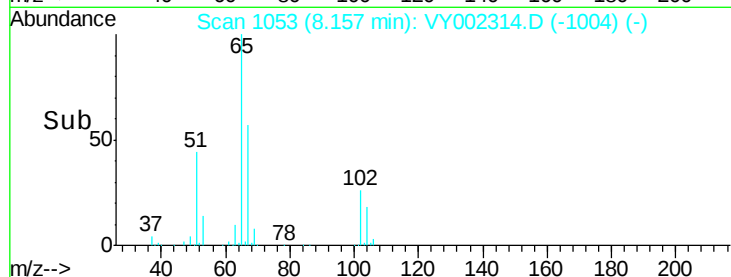
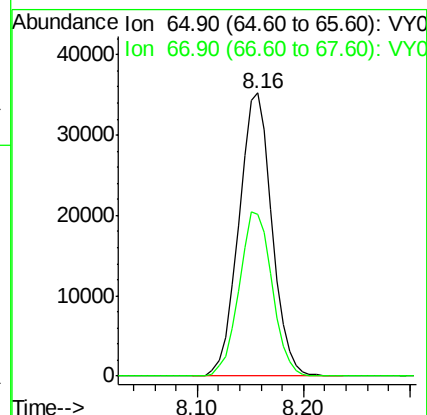
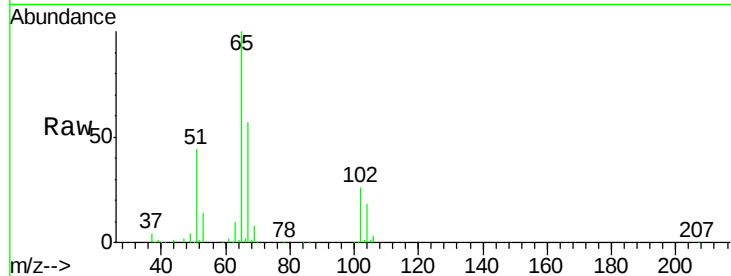




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.255 ug/l  
 RT: 8.16 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VY002314.D  
 Acq: 14 Apr 2020 17:18

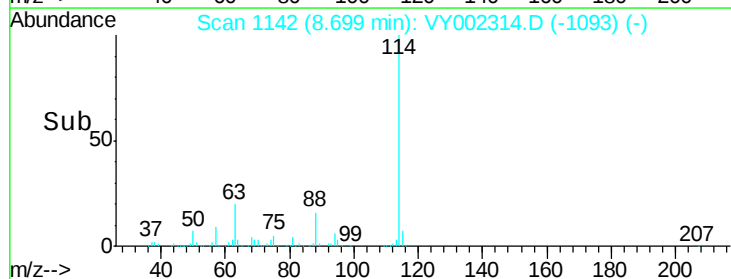
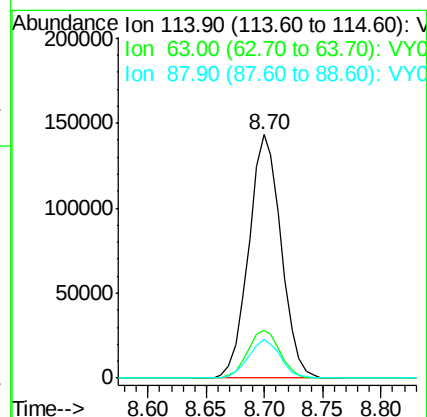
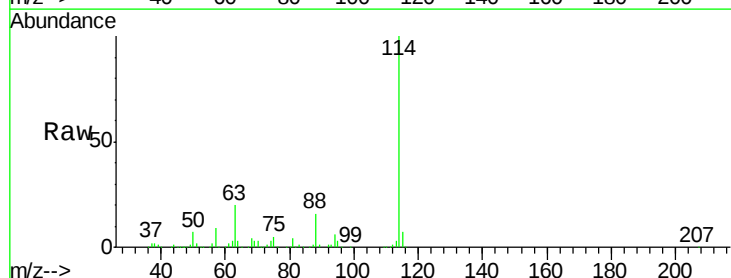
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 TP-3

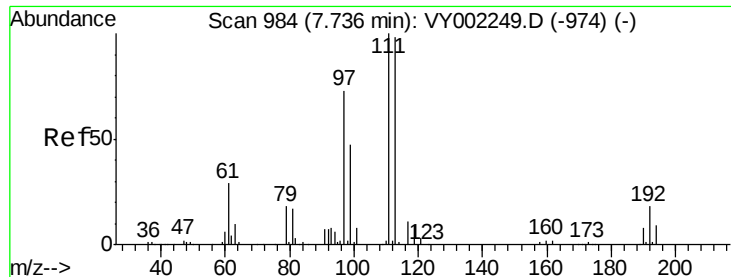
Tot Ion: 65 Resp: 76712  
 Ion Ratio Lower Upper  
 65 100  
 67 58.1 0.0 114.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.70 min Scan# 1142  
 Delta R.T. 0.00 min  
 Lab File: VY002314.D  
 Acq: 14 Apr 2020 17:18

Tgt Ion: 114 Resp: 277359  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 39.0  
 88 16.1 0.0 31.0

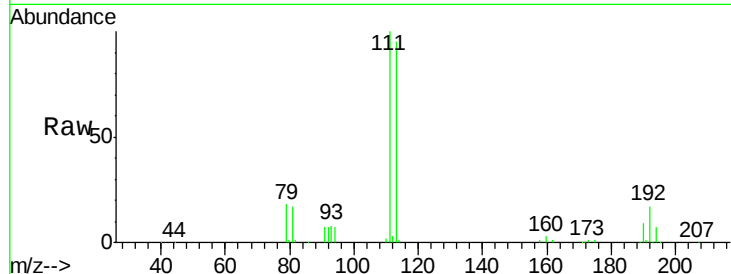




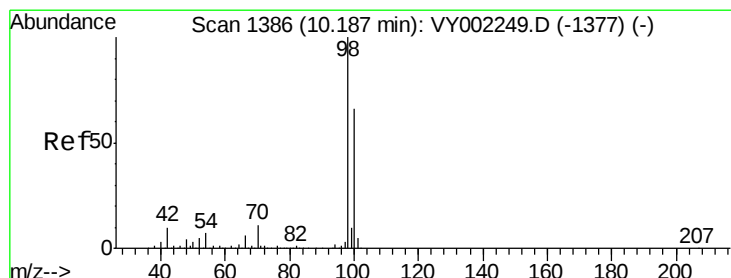
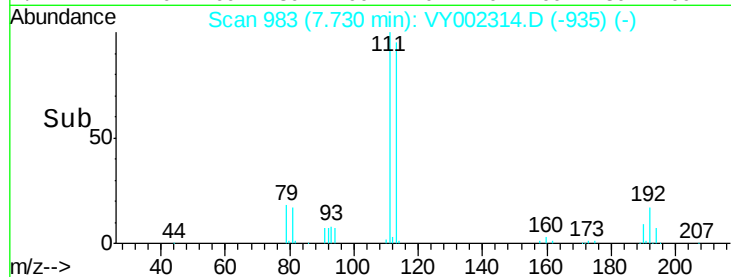
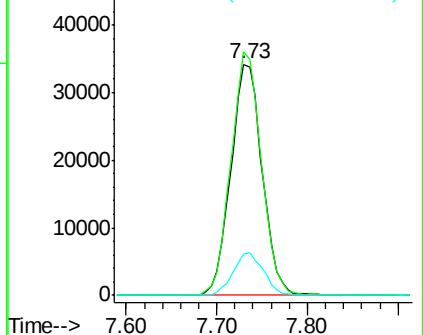
#35  
Dibromofluoromethane  
Concen: 49.615 ug/l  
RT: 7.73 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: VY002314.D  
Acq: 14 Apr 2020 17:18

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-3

Tot Ion:113 Resp: 81883  
Ion Ratio Lower Upper  
113 100  
111 102.3 83.5 125.3  
192 18.0 14.7 22.1

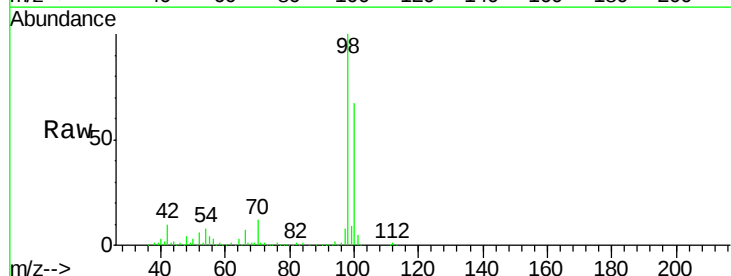


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

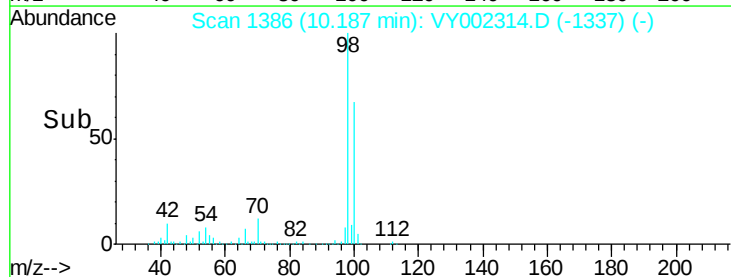
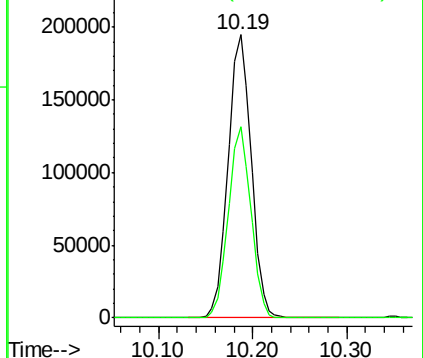


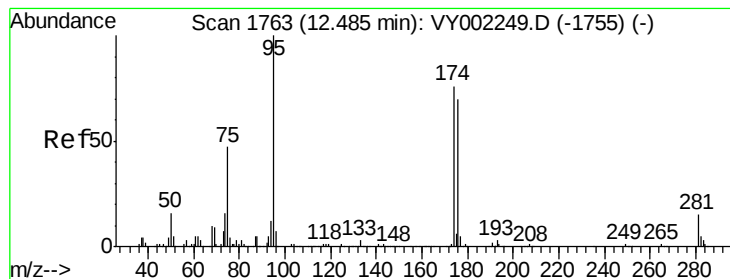
#50  
Toluene-d8  
Concen: 48.133 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. 0.00 min  
Lab File: VY002314.D  
Acq: 14 Apr 2020 17:18

Tgt Ion: 98 Resp: 332490  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0  
Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.490 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002314.D

Acq: 14 Apr 2020 17:18

Instrument :

MSVOA\_Y

ClientSampled :

TP-3

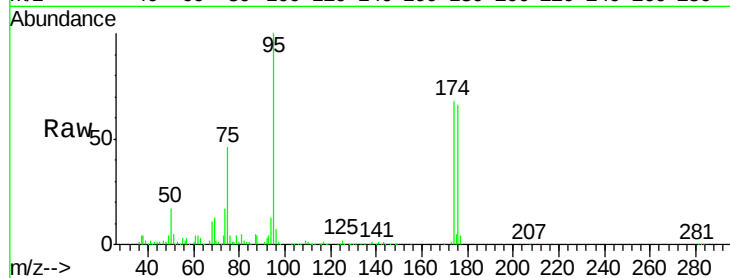
Tot Ion: 95 Resp: 103670

Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.6

176 68.7 0.0 141.4

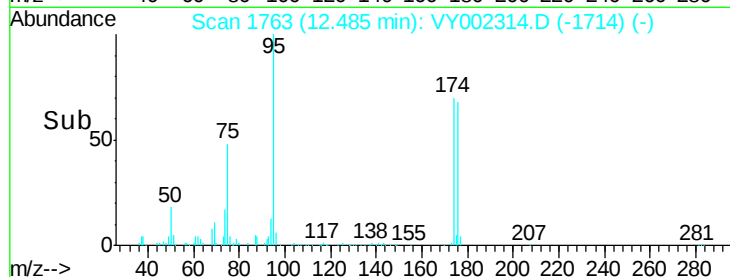


Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

Time-->

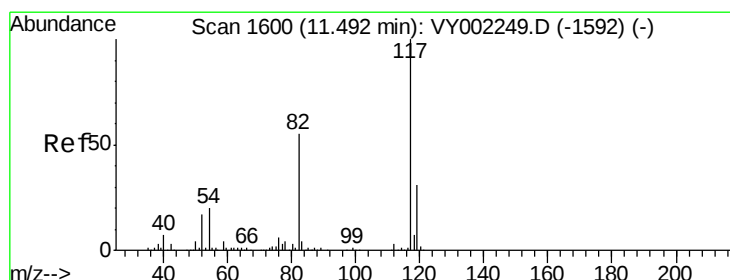


Abundance Ion 94.90 (94.60 to 95.60): VY002314.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY002314.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002314.D (-1714) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002314.D

Acq: 14 Apr 2020 17:18

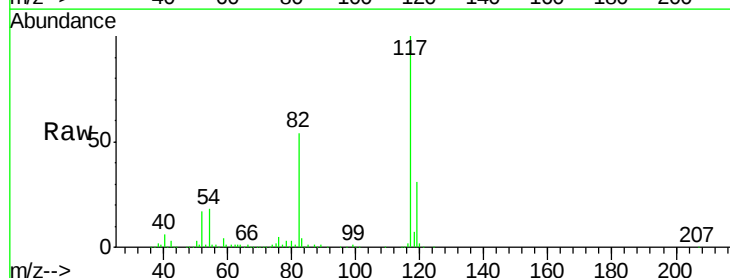
Tgt Ion: 117 Resp: 245082

Ion Ratio Lower Upper

117 100

82 53.7 44.2 66.4

119 31.5 25.1 37.7

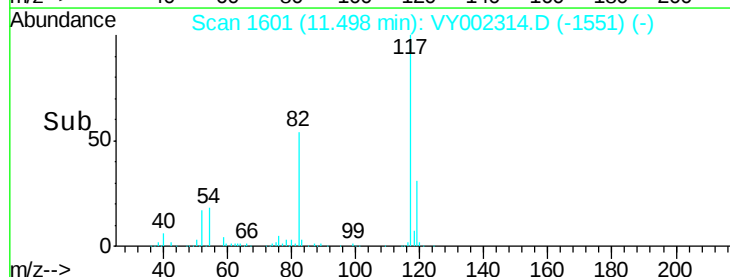


Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

Time-->

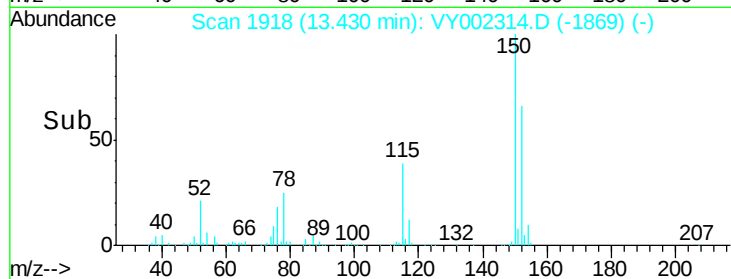
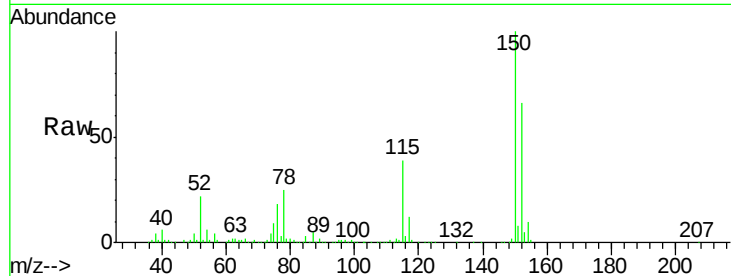
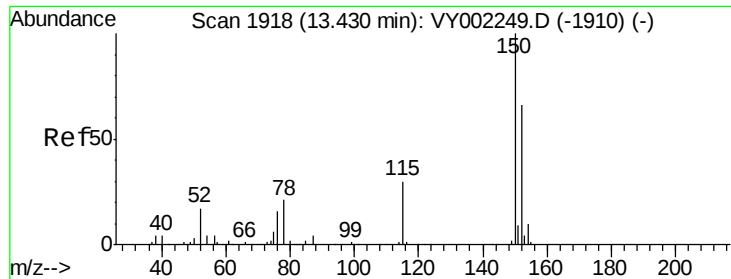


Abundance Ion 116.90 (116.60 to 117.60): VY002314.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002314.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002314.D (-1551) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002314.D

Acq: 14 Apr 2020 17:18

Instrument :

MSVOA\_Y

ClientSampleId :

TP-3

Tot Ion:152 Resp: 93024

Ion Ratio Lower Upper

152 100

115 59.9 30.7 92.1

150 157.5 0.0 350.6

