

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040224\  
 Data File : VY017820.D  
 Acq On : 02 Apr 2024 16:41  
 Operator : SY/MD  
 Sample : P1957-01  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 NM-DRUMS-040224

Quant Time: Apr 03 02:04:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032924S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 30 05:58:13 2024  
 Response via : Initial Calibration

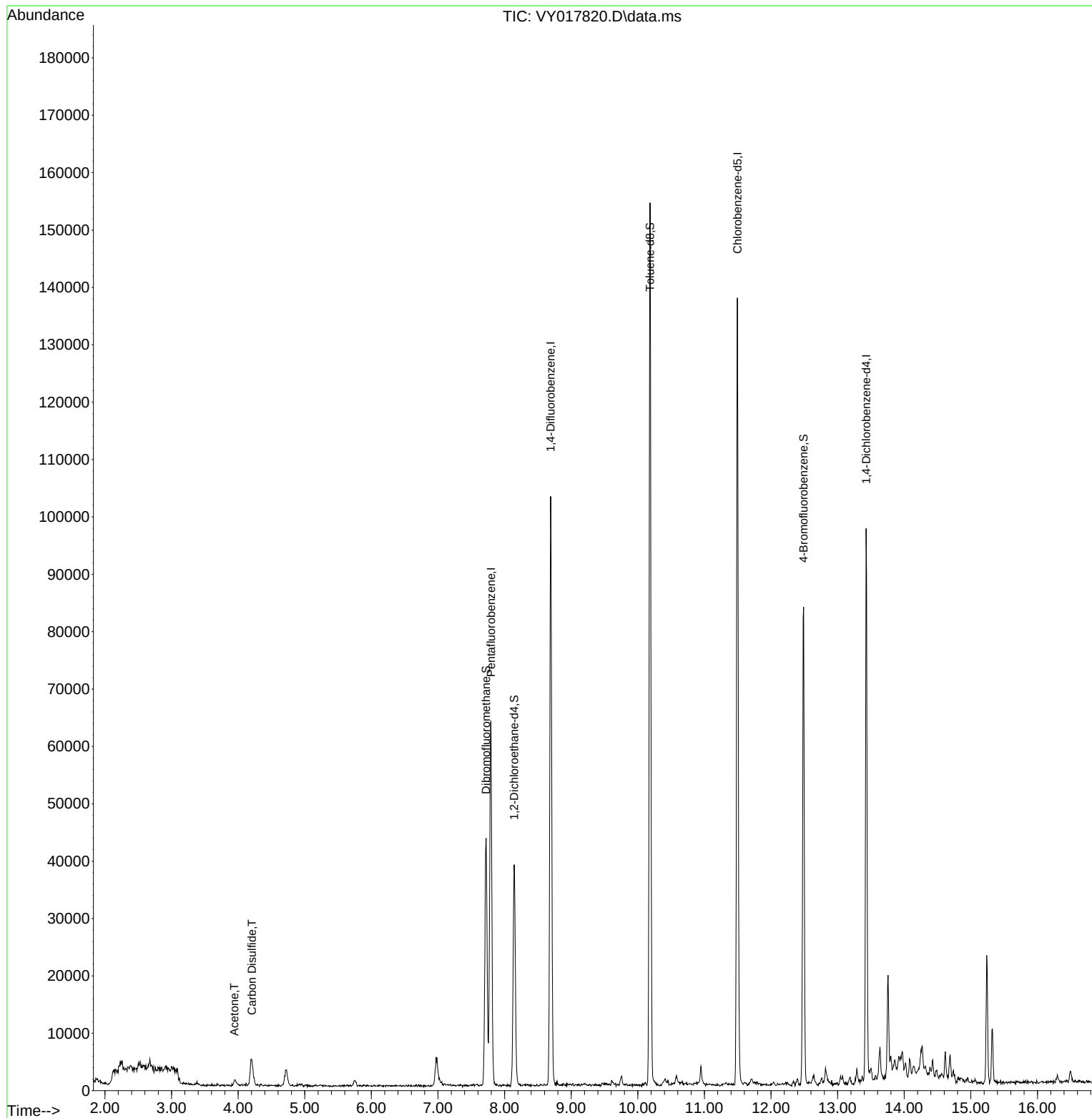
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 7.795          | 168  | 49991               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691          | 114  | 87078               | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.495         | 117  | 75837               | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428         | 152  | 25125               | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.142          | 65   | 30407               | 70.290 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = 140.580% |        |        |          |
| 35) Dibromofluoromethane    | 7.721          | 113  | 30427               | 60.470 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = 120.940% |        |        |          |
| 50) Toluene-d8              | 10.184         | 98   | 103564              | 55.100 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 134 |      | Recovery = 110.200% |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.489         | 95   | 24263               | 42.428 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 30 - 143 |      | Recovery = 84.860%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 3.942          | 43   | 1871                | 20.924 | ug/l # | 80       |
| 17) Carbon Disulfide        | 4.204          | 76   | 5203                | 3.940  | ug/l   | 97       |
| -----                       |                |      |                     |        |        |          |

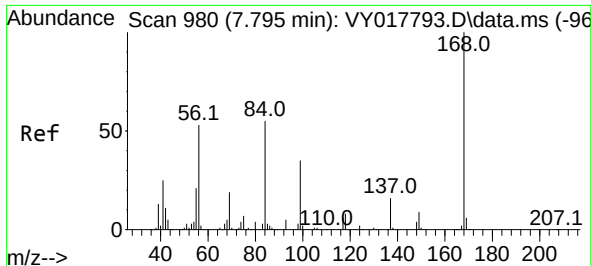
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Sat Mar 30 05:58:13 2024  
Response via : Initial Calibration

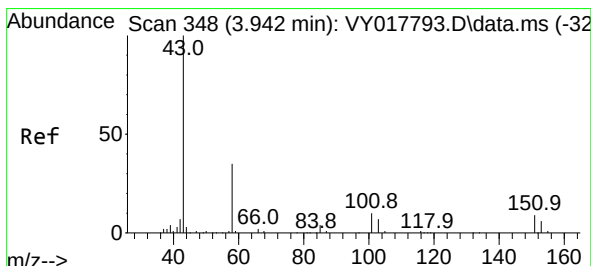
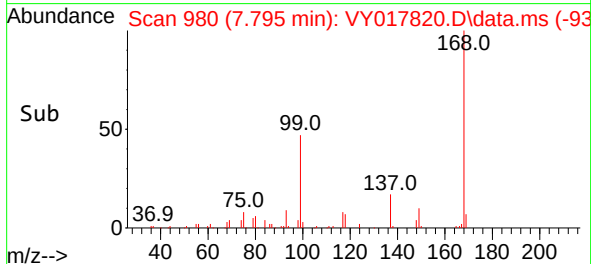
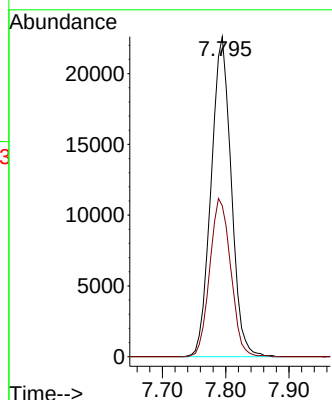
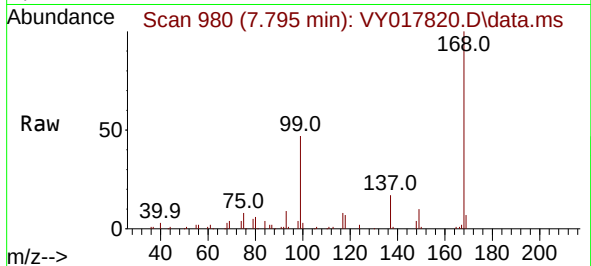




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY017820.D  
Acq: 02 Apr 2024 16:41

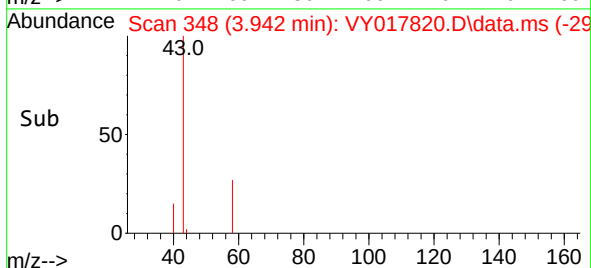
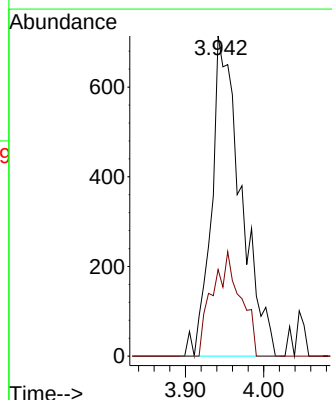
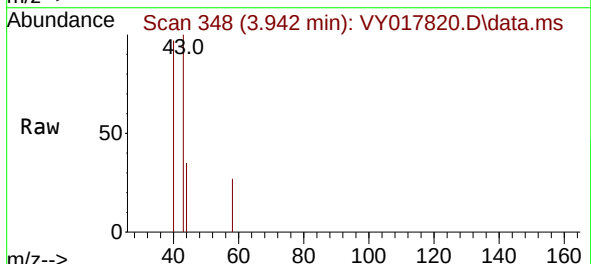
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MSVOA\_Y  
ClientSampleId :  
NM-DRUMS-040224

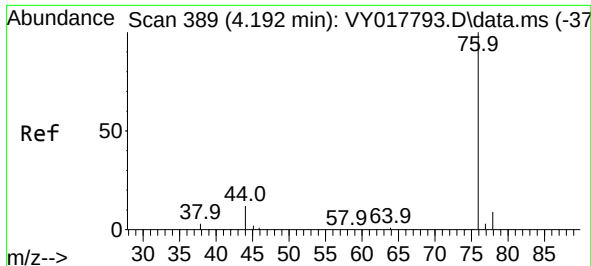
Tgt Ion:168 Resp: 49991  
Ion Ratio Lower Upper  
168 100  
99 47.2 39.1 58.7



#16  
Acetone  
Concen: 20.924 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.000 min  
Lab File: VY017820.D  
Acq: 02 Apr 2024 16:41

Tgt Ion: 43 Resp: 1871  
Ion Ratio Lower Upper  
43 100  
58 27.0 31.7 47.5#

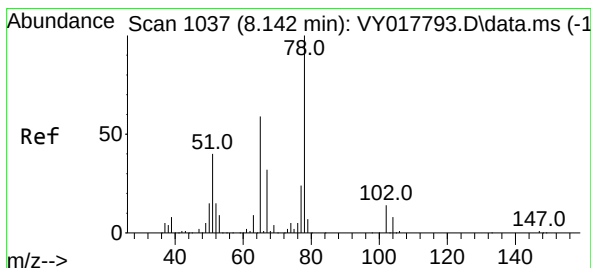
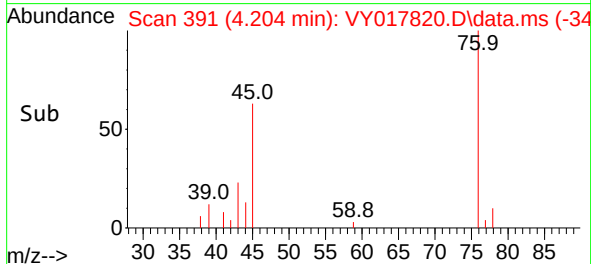
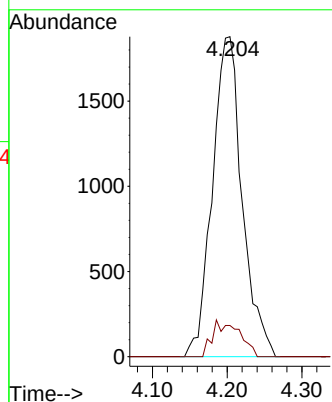
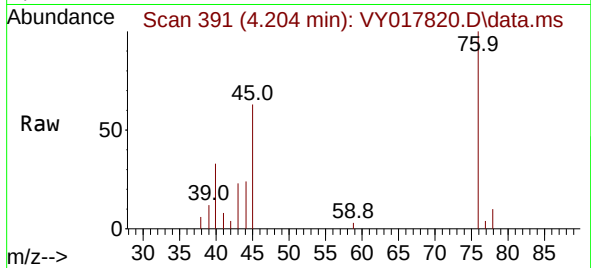




#17  
Carbon Disulfide  
Concen: 3.940 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VY017820.D  
Acq: 02 Apr 2024 16:41

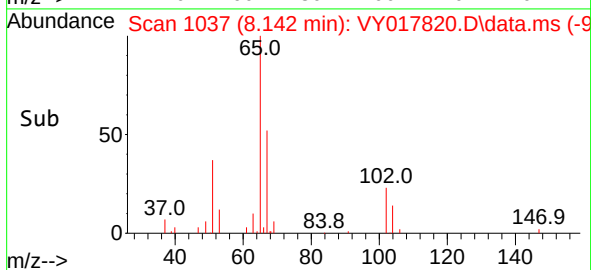
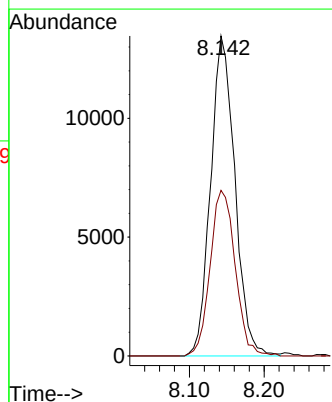
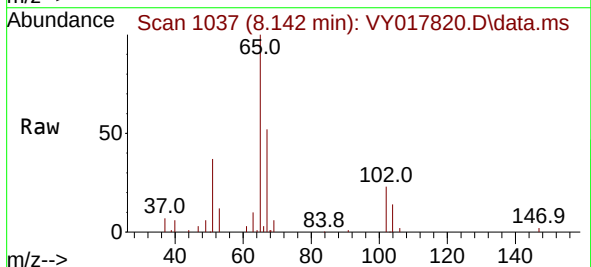
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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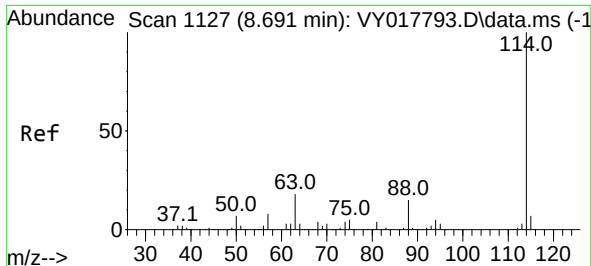
Tgt Ion: 76 Resp: 5203  
Ion Ratio Lower Upper  
76 100  
78 9.7 6.8 10.2



#33  
1,2-Dichloroethane-d4  
Concen: 70.290 ug/l  
RT: 8.142 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VY017820.D  
Acq: 02 Apr 2024 16:41

Tgt Ion: 65 Resp: 30407  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017820.D

Acq: 02 Apr 2024 16:41

Instrument :

MSVOA\_Y

ClientSampleId :

NM-DRUMS-040224

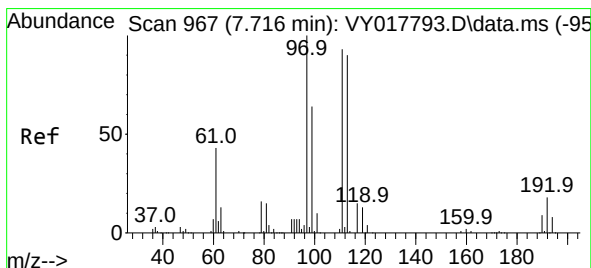
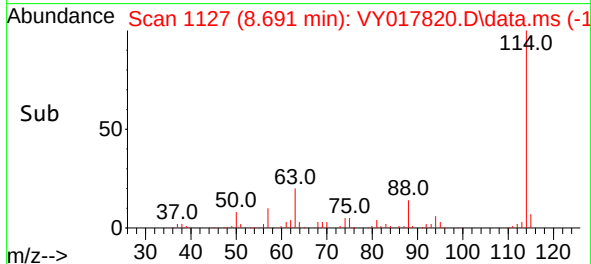
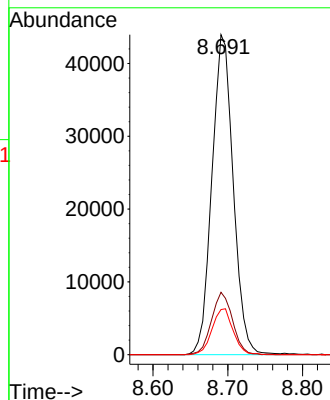
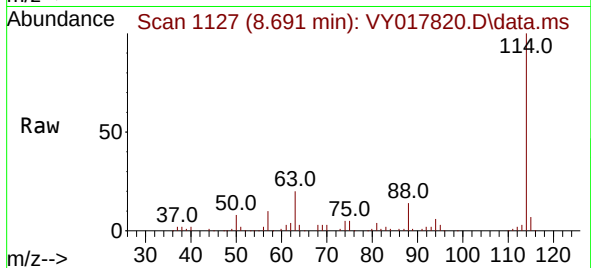
Tgt Ion:114 Resp: 87078

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.470 ug/l

RT: 7.721 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017820.D

Acq: 02 Apr 2024 16:41

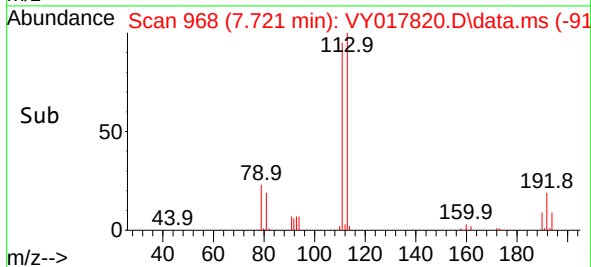
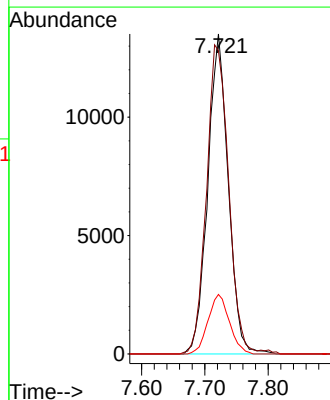
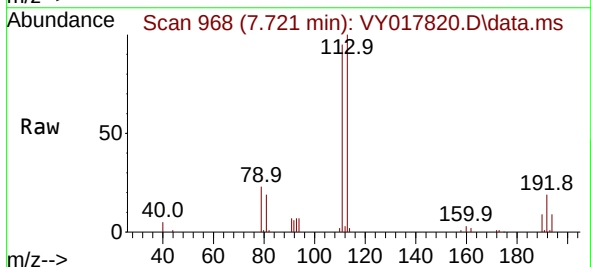
Tgt Ion:113 Resp: 30427

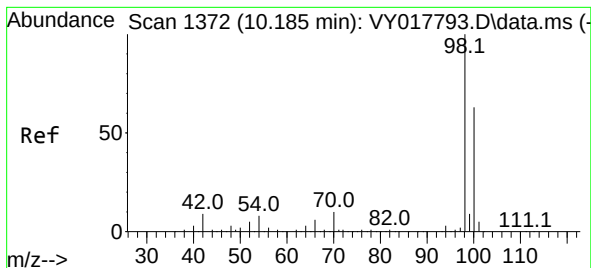
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 19.4 15.9 23.9





#50

Toluene-d8

Concen: 55.100 ug/l

RT: 10.184 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017820.D

Acq: 02 Apr 2024 16:41

Instrument :

MSVOA\_Y

ClientSampleId :

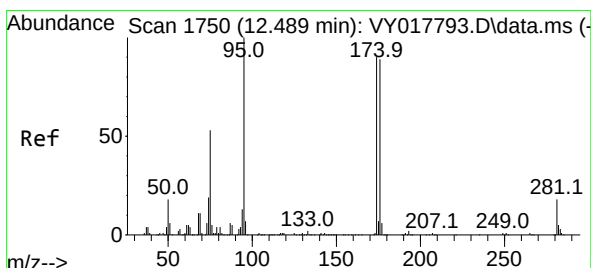
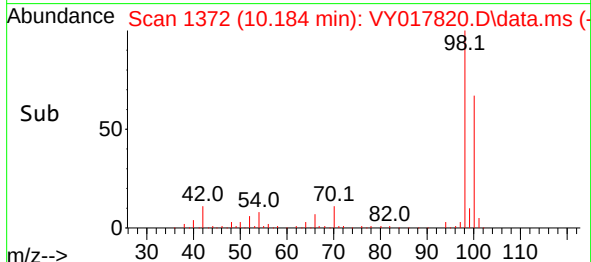
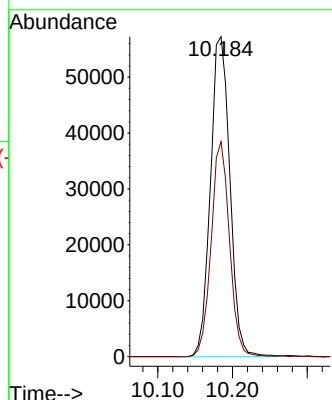
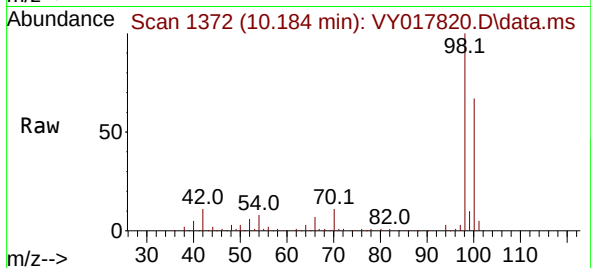
NM-DRUMS-040224

Tgt Ion: 98 Resp: 103564

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.428 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY017820.D

Acq: 02 Apr 2024 16:41

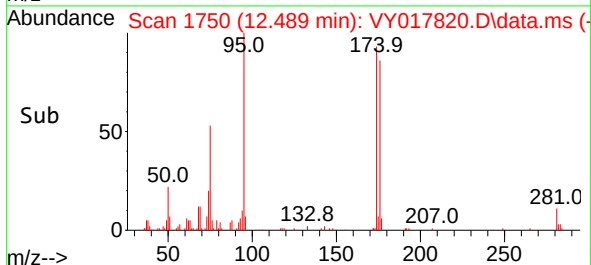
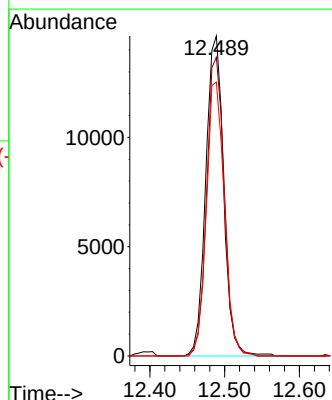
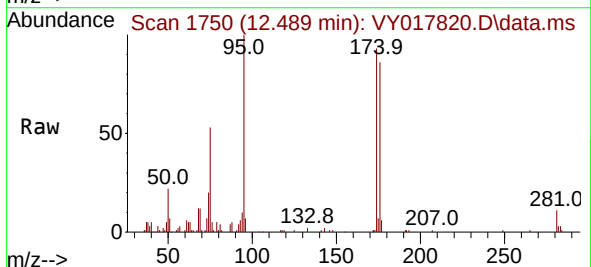
Tgt Ion: 95 Resp: 24263

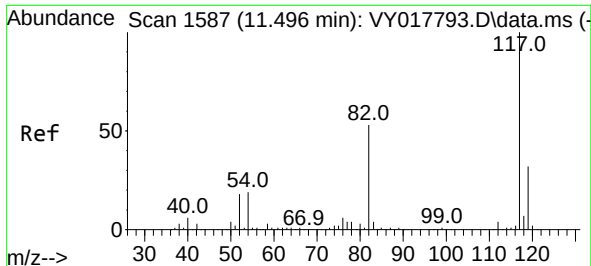
Ion Ratio Lower Upper

95 100

174 92.5 0.0 175.6

176 86.8 0.0 171.4

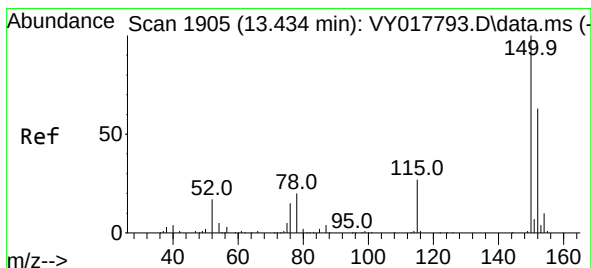
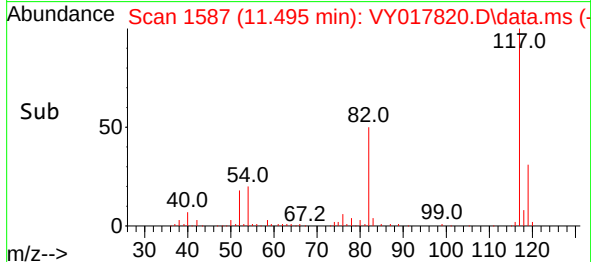
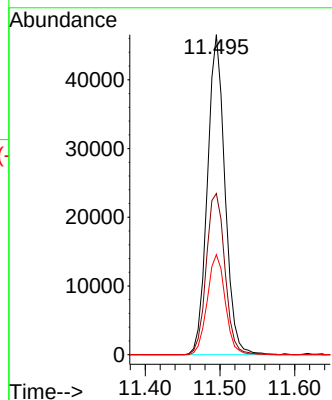
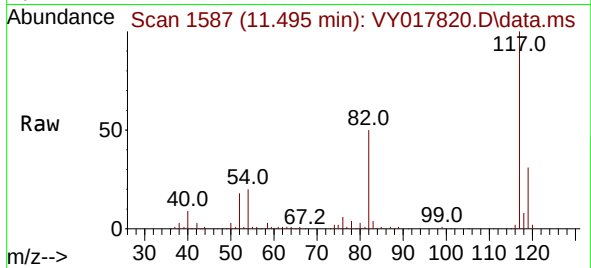




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY017820.D  
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Instrument :  
MSVOA\_Y  
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Tgt Ion:117 Resp: 75837  
Ion Ratio Lower Upper  
117 100  
82 50.3 42.4 63.6  
119 31.2 25.9 38.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.006 min  
Lab File: VY017820.D  
Acq: 02 Apr 2024 16:41

Tgt Ion:152 Resp: 25125  
Ion Ratio Lower Upper  
152 100  
115 55.4 28.2 84.7  
150 152.9 0.0 345.6

