

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060421\  
 Data File : VY004967.D  
 Acq On : 04 Jun 2021 16:17  
 Operator : SY/MD  
 Sample : M2613-06  
 Misc : 17.62G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 18-B12(106-110)

Quant Time: Jun 05 01:34:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 03 04:43:33 2021  
 Response via : Initial Calibration

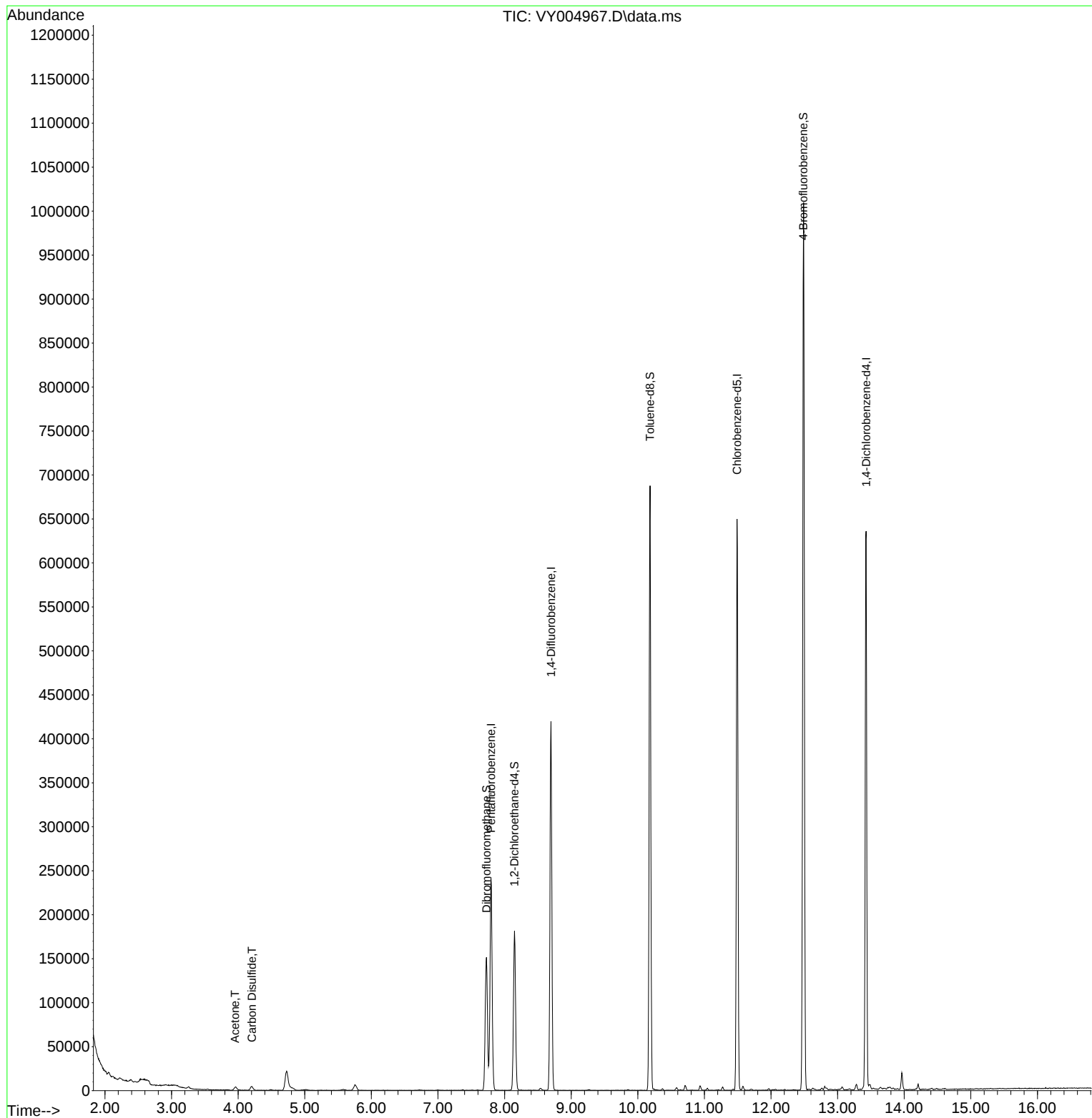
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 178321   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 340258   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 342476   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 158886   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 135821   | 72.047   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 144.100% |          |
| 35) Dibromofluoromethane    | 7.728  | 113   | 108327   | 59.175   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 118.340% |          |
| 50) Toluene-d8              | 10.185 | 98    | 430819   | 56.665   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 113.340% |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 156671   | 59.918   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 119.840% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          |            | Qvalue   |
| 16) Acetone                 | 3.954  | 43    | 6624     | 14.596   | ug/l       | 89       |
| 17) Carbon Disulfide        | 4.204  | 76    | 8733     | 1.550    | ug/l       | 99       |
| -----                       |        |       |          |          |            |          |

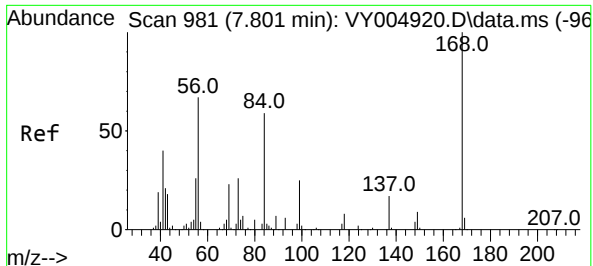
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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18-B12(106-110)

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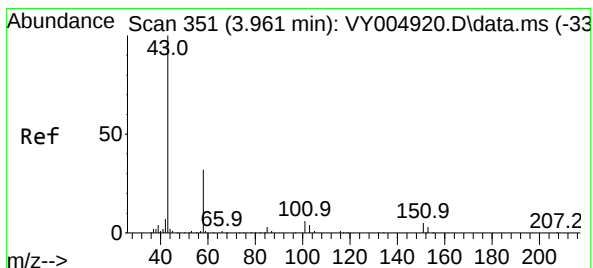
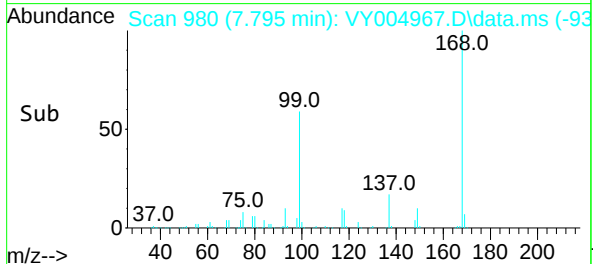
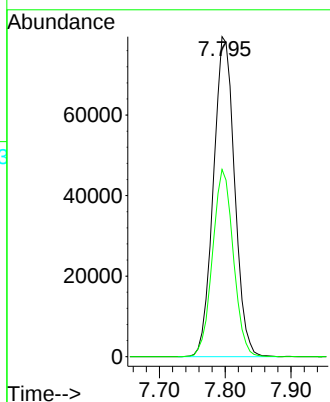
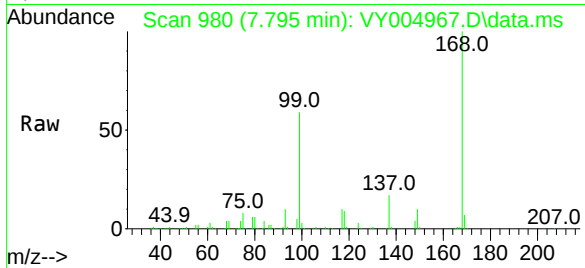




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY004967.D  
Acq: 04 Jun 2021 16:17

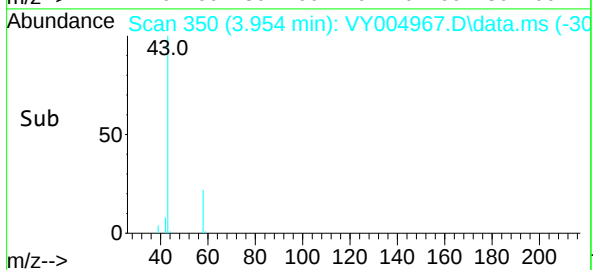
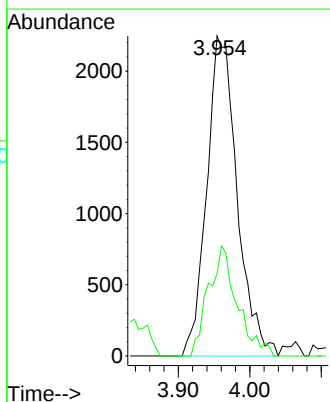
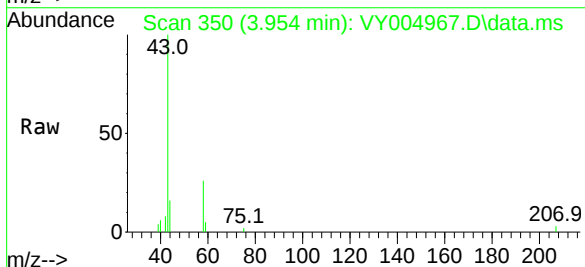
Instrument :  
MSVOA\_Y  
ClientSampleId :  
18-B12(106-110)

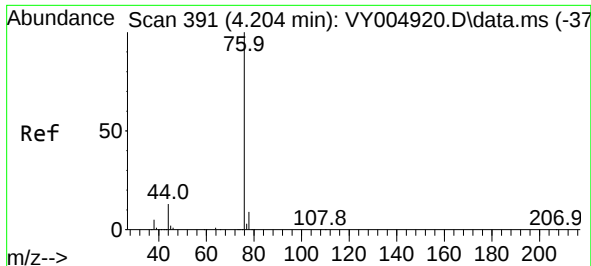
Tgt Ion:168 Resp: 178321  
Ion Ratio Lower Upper  
168 100  
99 58.5 43.9 65.9



#16  
Acetone  
Concen: 14.596 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VY004967.D  
Acq: 04 Jun 2021 16:17

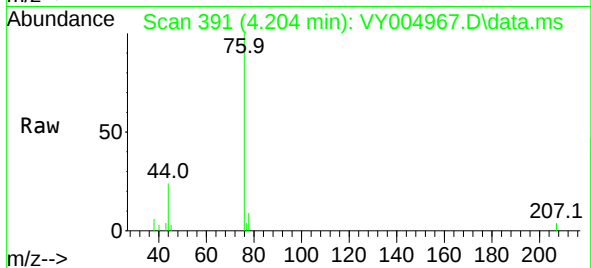
Tgt Ion: 43 Resp: 6624  
Ion Ratio Lower Upper  
43 100  
58 25.8 25.3 37.9



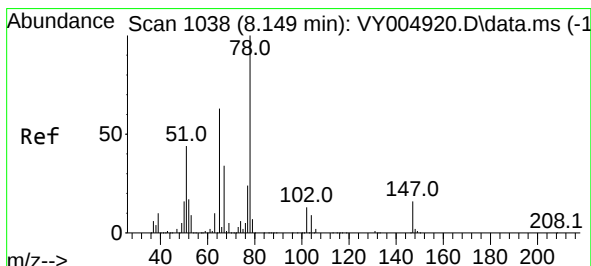
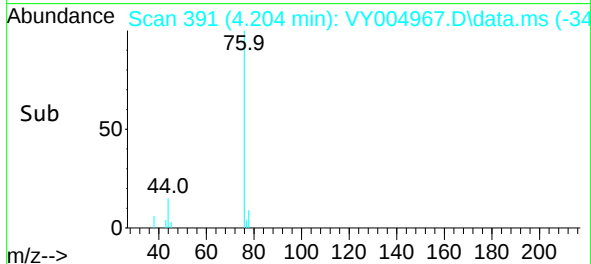
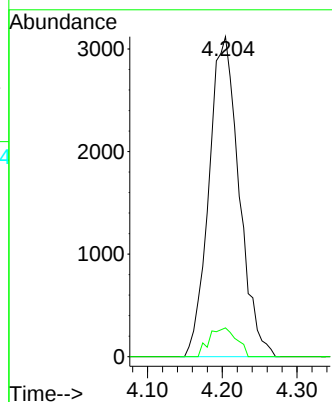


#17  
Carbon Disulfide  
Concen: 1.550 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY004967.D  
Acq: 04 Jun 2021 16:17

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18-B12(106-110)

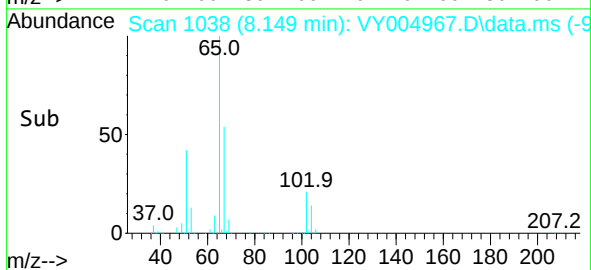
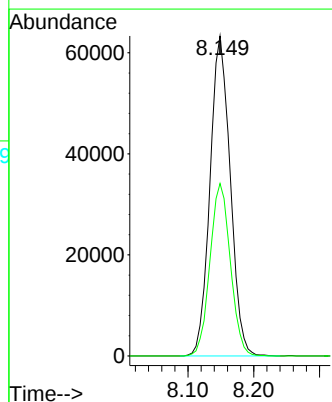
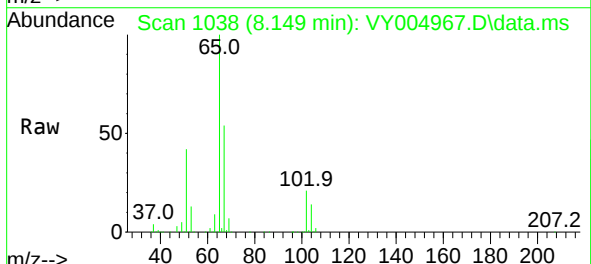


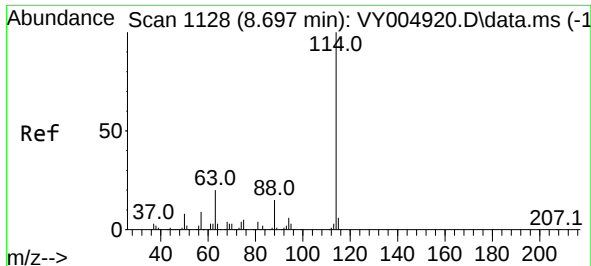
Tgt Ion: 76 Resp: 8733  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.6 11.4



#33  
1,2-Dichloroethane-d4  
Concen: 72.047 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY004967.D  
Acq: 04 Jun 2021 16:17

Tgt Ion: 65 Resp: 135821  
Ion Ratio Lower Upper  
65 100  
67 54.2 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004967.D

Acq: 04 Jun 2021 16:17

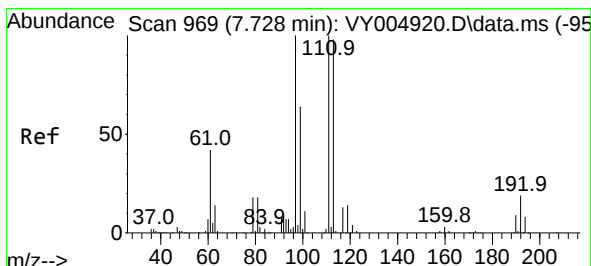
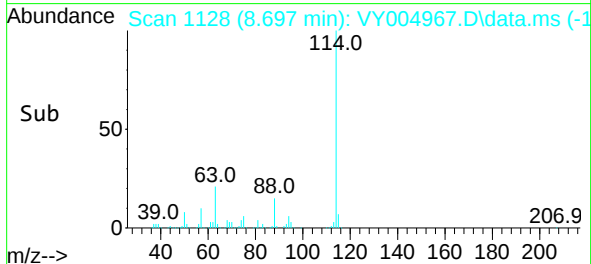
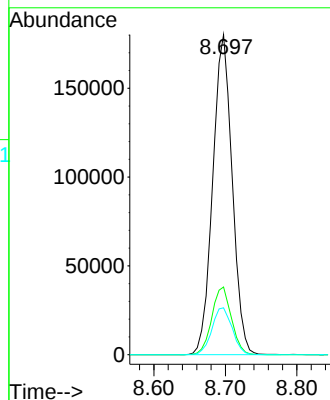
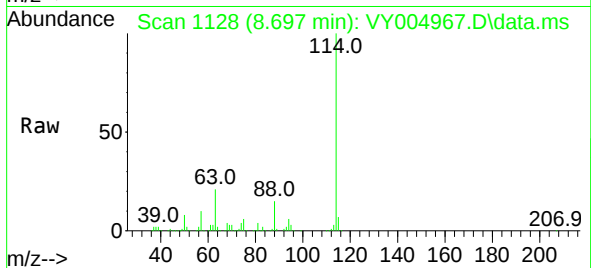
Tgt Ion:114 Resp: 340258

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.0

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.175 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004967.D

Acq: 04 Jun 2021 16:17

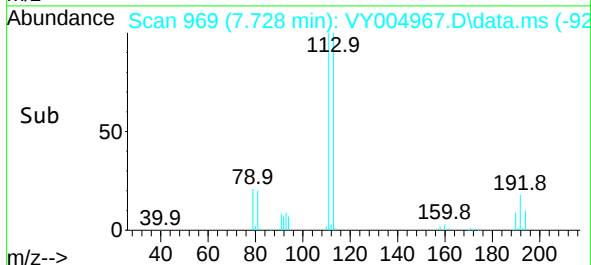
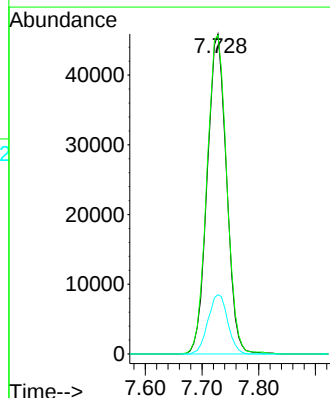
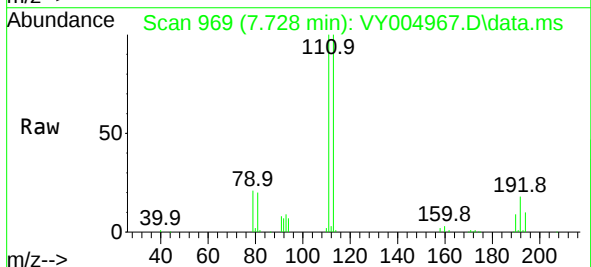
Tgt Ion:113 Resp: 108327

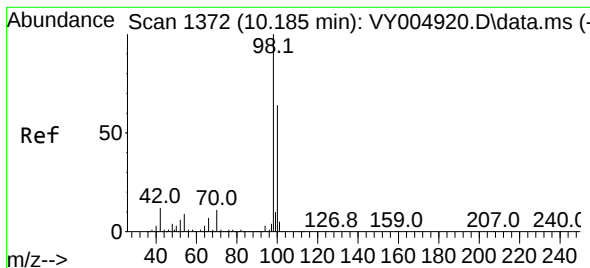
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 18.9 15.3 22.9

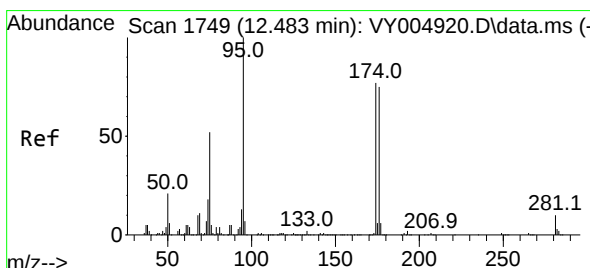
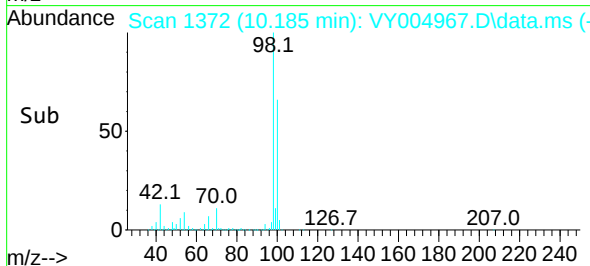
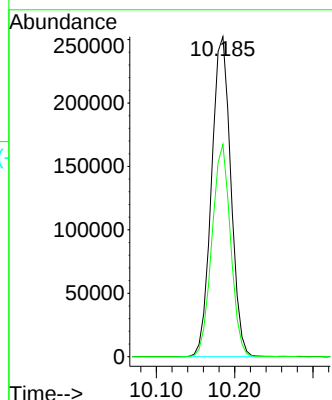
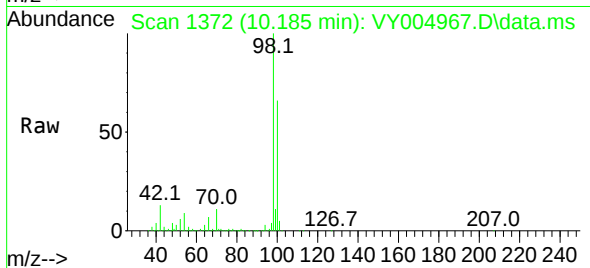




#50  
Toluene-d8  
Concen: 56.665 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004967.D  
Acq: 04 Jun 2021 16:17

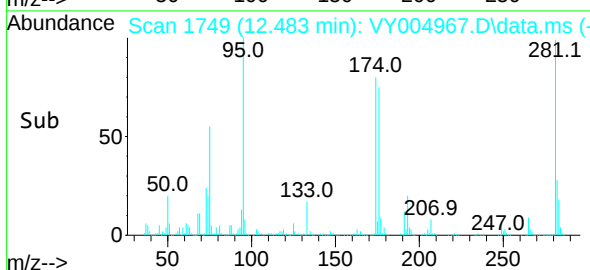
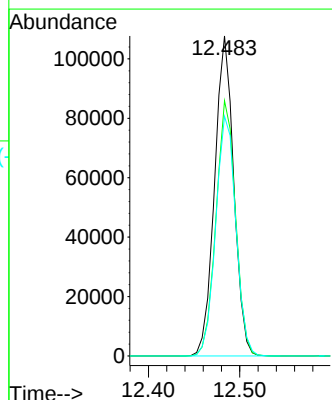
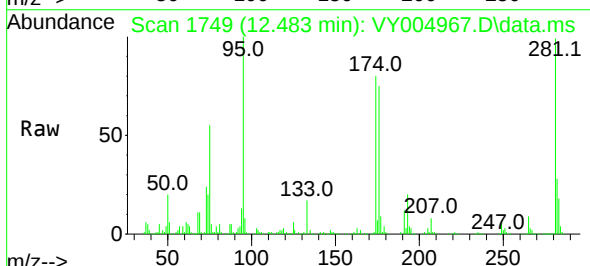
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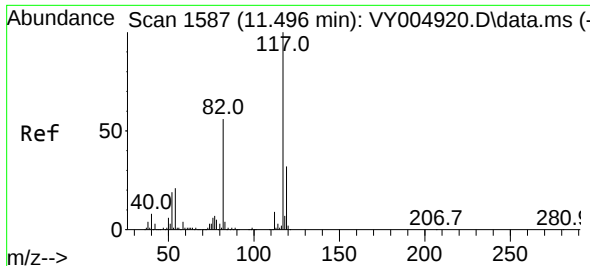
Tgt Ion: 98 Resp: 430819  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 59.918 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY004967.D  
Acq: 04 Jun 2021 16:17

Tgt Ion: 95 Resp: 156671  
Ion Ratio Lower Upper  
95 100  
174 81.4 0.0 160.8  
176 78.6 0.0 155.6

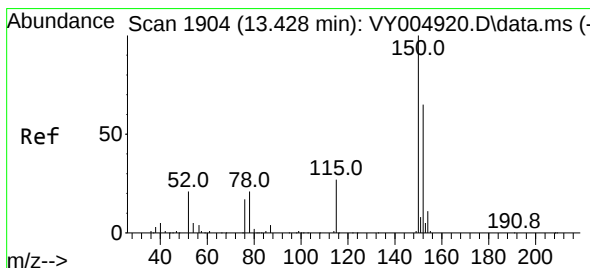
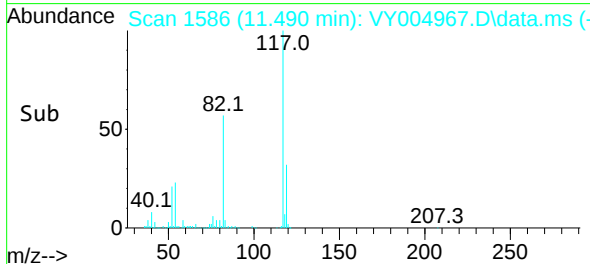
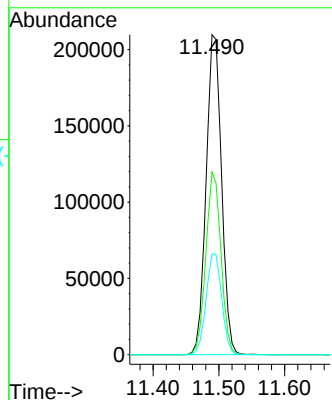
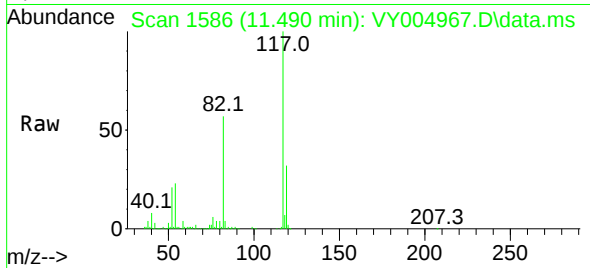




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY004967.D  
Acq: 04 Jun 2021 16:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
18-B12(106-110)

Tgt Ion:117 Resp: 342476  
Ion Ratio Lower Upper  
117 100  
82 57.1 44.8 67.2  
119 31.5 25.2 37.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY004967.D  
Acq: 04 Jun 2021 16:17

Tgt Ion:152 Resp: 158886  
Ion Ratio Lower Upper  
152 100  
115 59.1 29.9 89.7  
150 156.9 0.0 347.8

