

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081021\  
 Data File : VY005597.D  
 Acq On : 10 Aug 2021 15:49  
 Operator : SY/MD  
 Sample : M3331-02  
 Misc : 6.33G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BSY1-SB-10-3-4

Quant Time: Aug 11 03:37:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

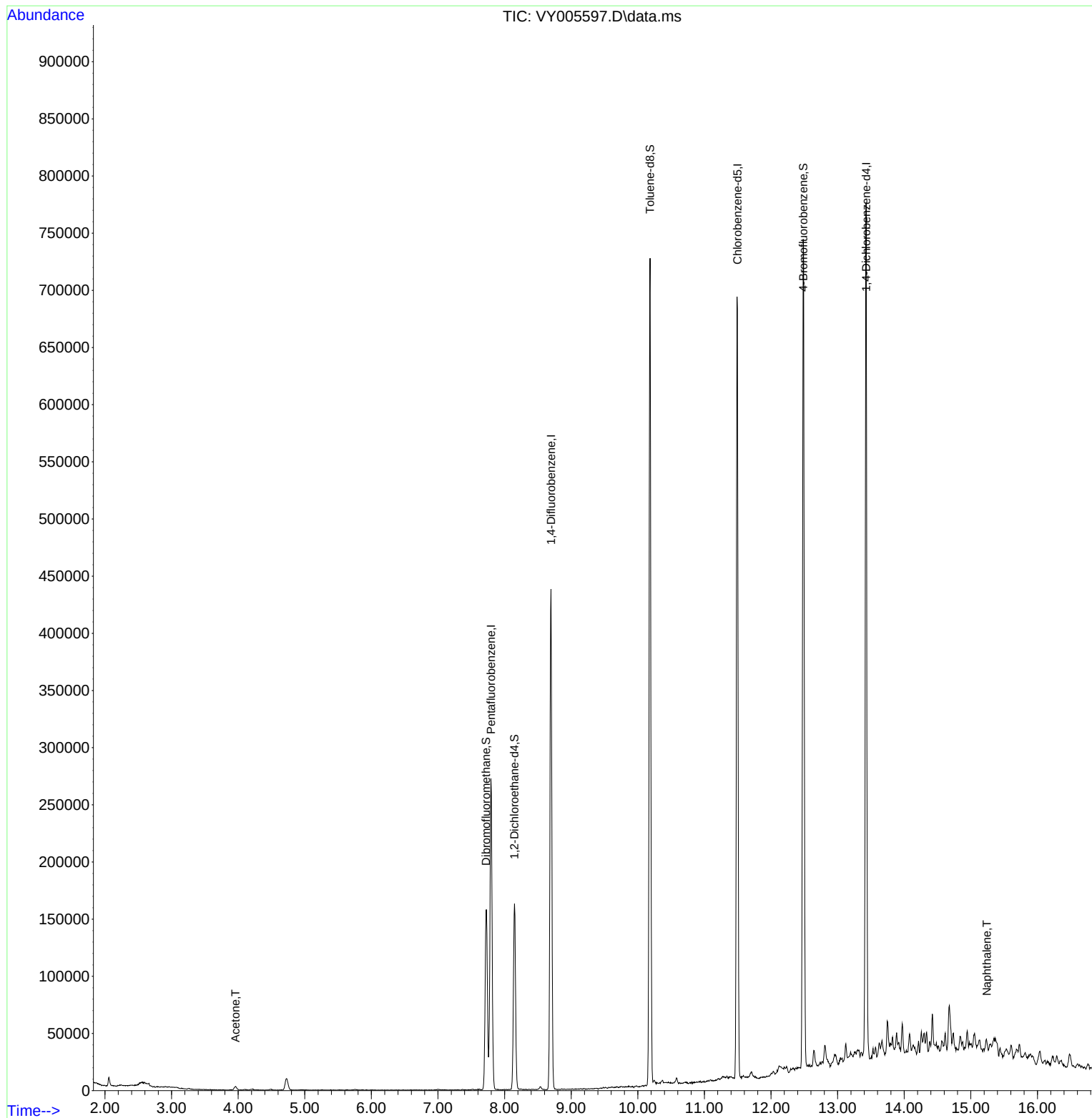
| Compound                    | R.T.   | QIon           | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|--------|----------------|----------|------------|--------|----------|
| -----                       |        |                |          |            |        |          |
| Internal Standards          |        |                |          |            |        |          |
| 1) Pentafluorobenzene       | 7.795  | 168            | 217701   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114            | 364092   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117            | 372748   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152            | 188572   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |        |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65             | 133494   | 60.578     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | = 121.160% |        |          |
| 35) Dibromofluoromethane    | 7.722  | 113            | 108975   | 53.459     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | = 106.920% |        |          |
| 50) Toluene-d8              | 10.185 | 98             | 471425   | 55.143     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 49 - 140 | Recovery | = 110.280% |        |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95             | 168811   | 59.628     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 25 - 144 | Recovery | = 119.260% |        |          |
| Target Compounds            |        |                |          |            |        |          |
|                             |        |                |          |            | Qvalue |          |
| 16) Acetone                 | 3.960  | 43             | 5614     | 10.104     | ug/l   | 98       |
| 95) Naphthalene             | 15.239 | 128            | 8478     | 1.123      | ug/l # | 90       |
| -----                       |        |                |          |            |        |          |

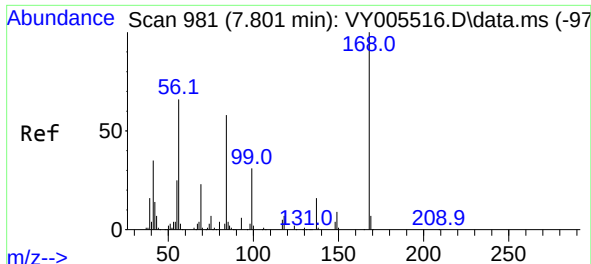
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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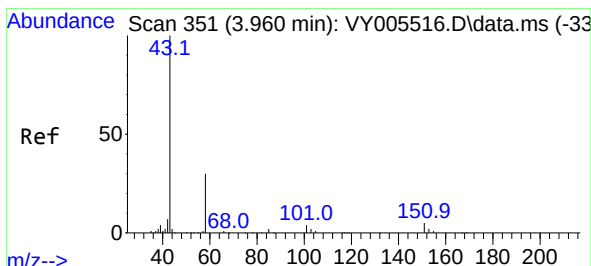
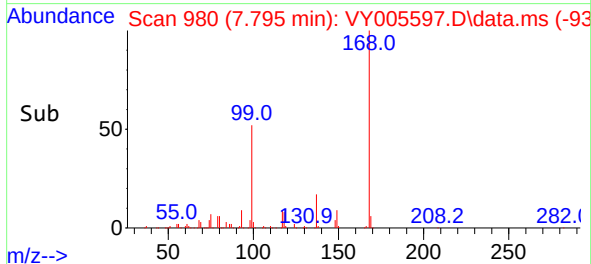
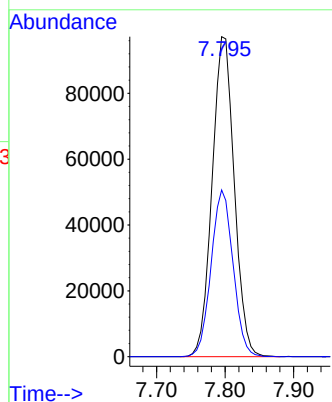
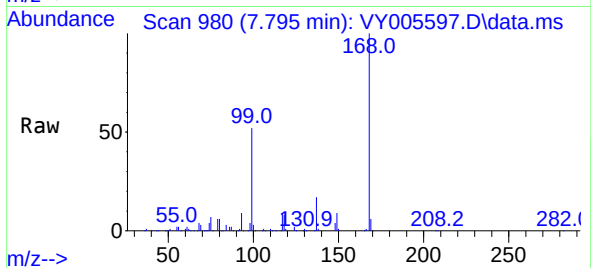




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005597.D  
Acq: 10 Aug 2021 15:49

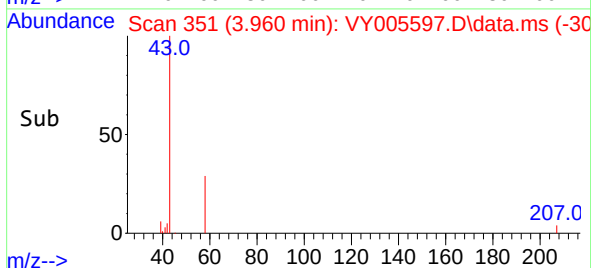
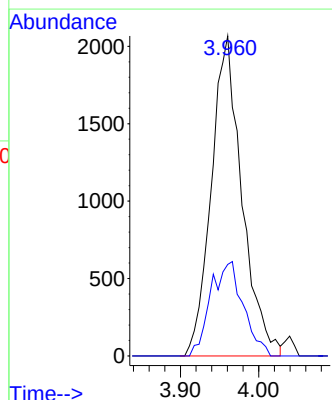
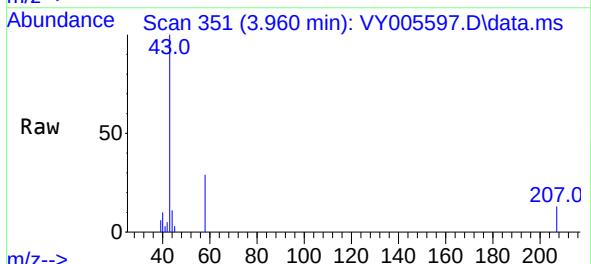
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BSY1-SB-10-3-4

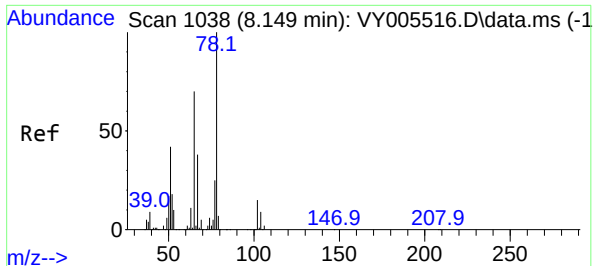
Tgt Ion:168 Resp: 217701  
Ion Ratio Lower Upper  
168 100  
99 52.1 38.9 58.3



#16  
Acetone  
Concen: 10.104 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY005597.D  
Acq: 10 Aug 2021 15:49

Tgt Ion: 43 Resp: 5614  
Ion Ratio Lower Upper  
43 100  
58 28.6 23.8 35.6

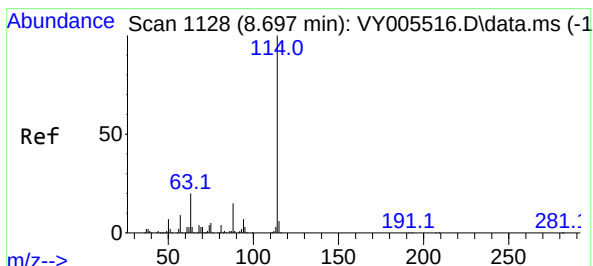
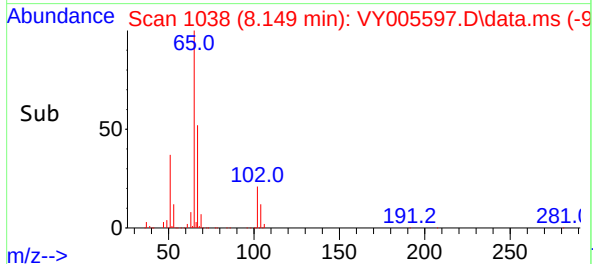
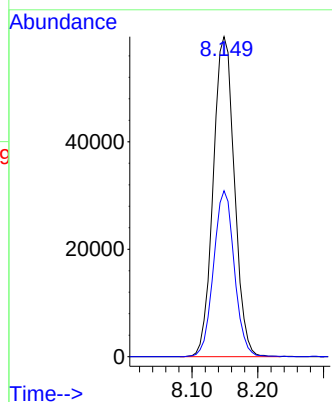
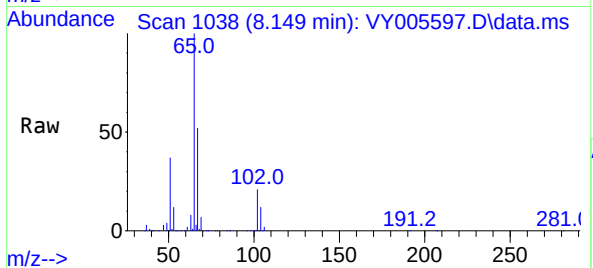




#33  
1,2-Dichloroethane-d4  
Concen: 60.578 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005597.D  
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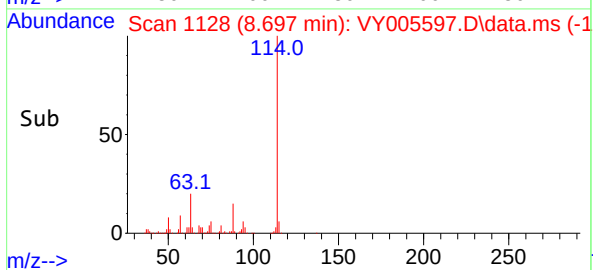
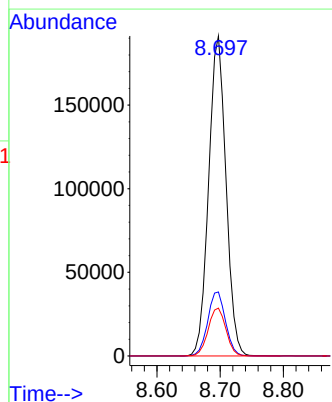
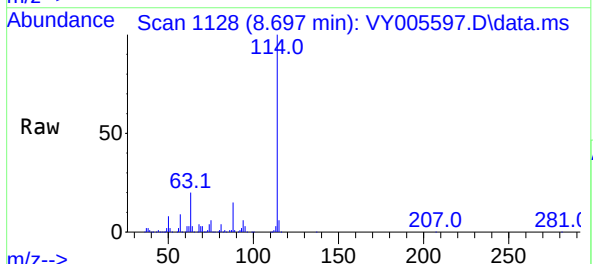
Instrument :  
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ClientSampleId :  
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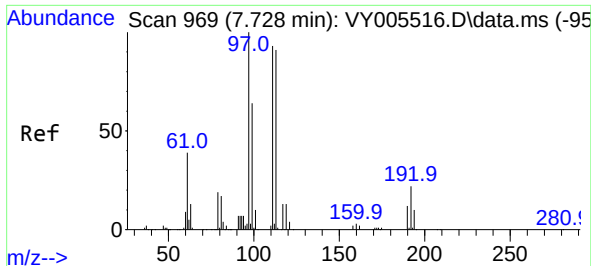
Tgt Ion: 65 Resp: 133494  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005597.D  
Acq: 10 Aug 2021 15:49

Tgt Ion:114 Resp: 364092  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 39.2  
88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.459 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY005597.D

Acq: 10 Aug 2021 15:49

Instrument :

MSVOA\_Y

ClientSampleId :

BSY1-SB-10-3-4

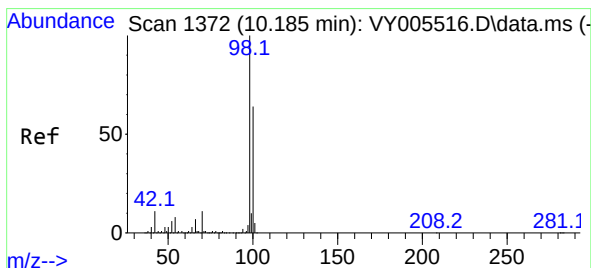
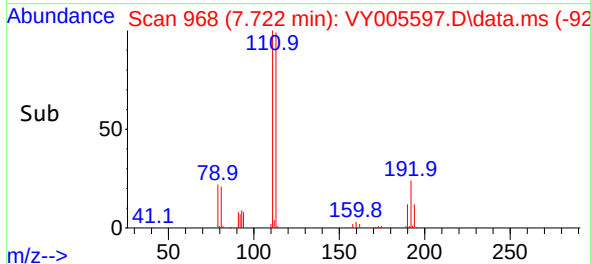
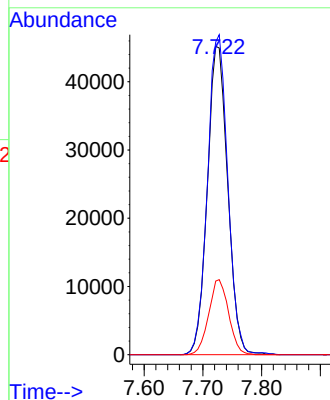
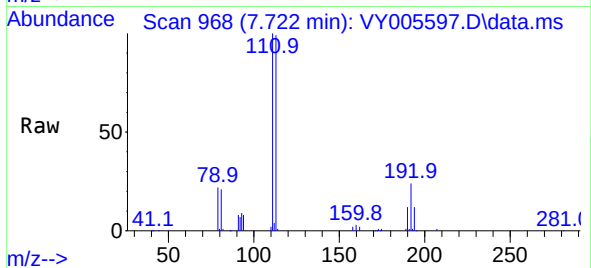
Tgt Ion:113 Resp: 108975

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

192 23.8 19.2 28.8



#50

Toluene-d8

Concen: 55.143 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY005597.D

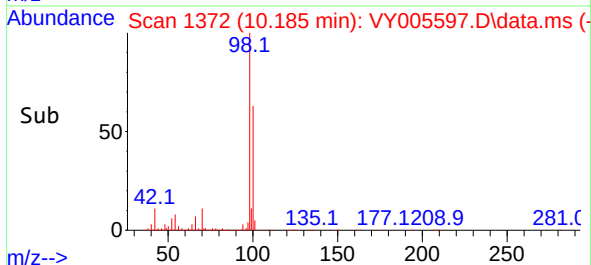
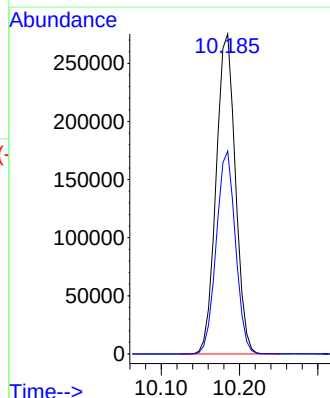
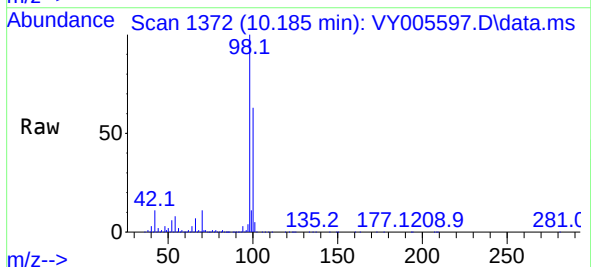
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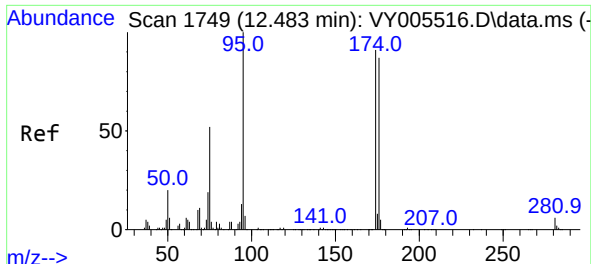
Tgt Ion: 98 Resp: 471425

Ion Ratio Lower Upper

98 100

100 63.1 51.3 76.9

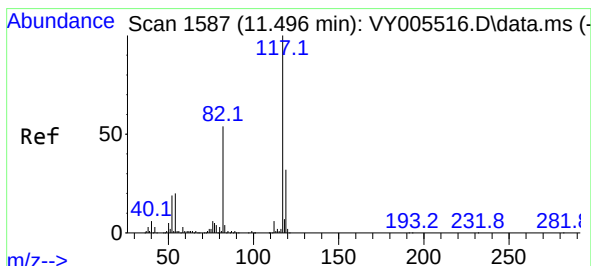
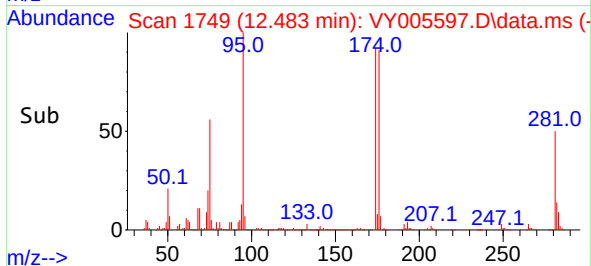
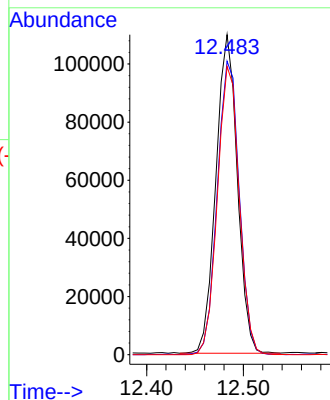
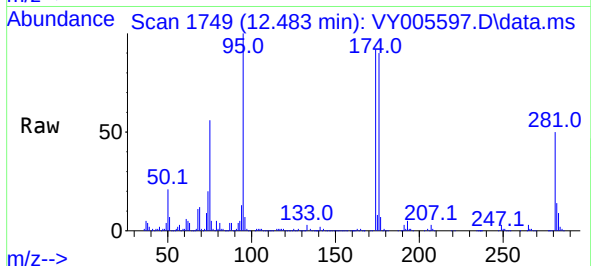




#62  
4-Bromofluorobenzene  
Concen: 59.628 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005597.D  
Acq: 10 Aug 2021 15:49

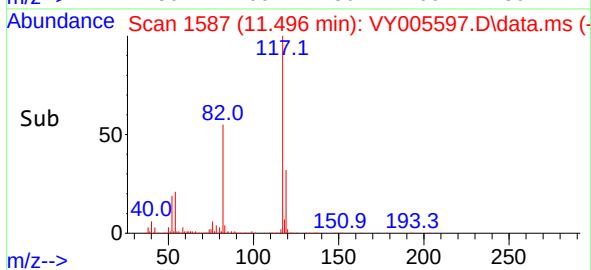
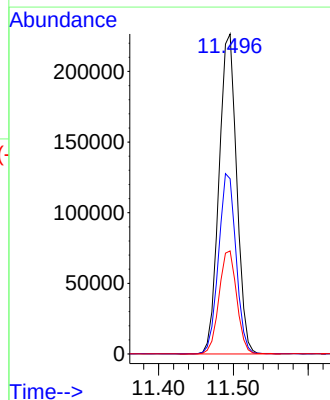
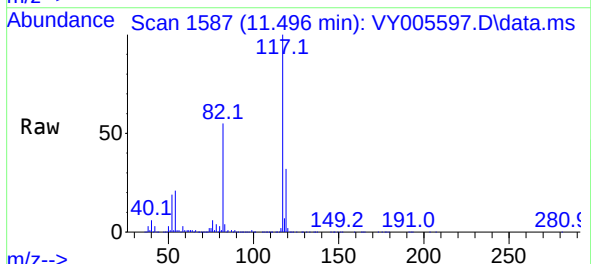
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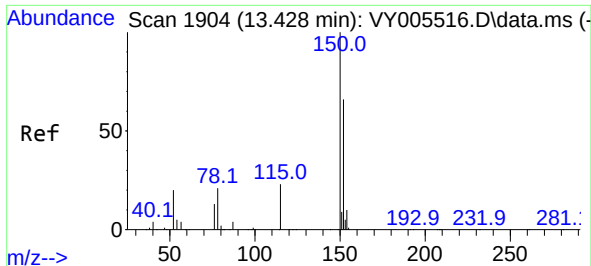
Tgt Ion: 95 Resp: 168811  
Ion Ratio Lower Upper  
95 100  
174 94.4 0.0 191.4  
176 92.0 0.0 183.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005597.D  
Acq: 10 Aug 2021 15:49

Tgt Ion: 117 Resp: 372748  
Ion Ratio Lower Upper  
117 100  
82 54.7 43.5 65.3  
119 32.2 25.5 38.3

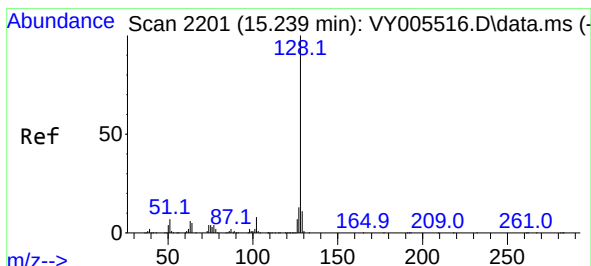
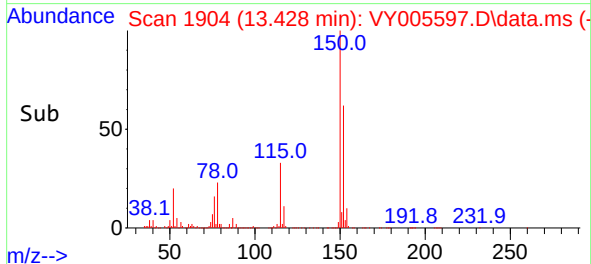
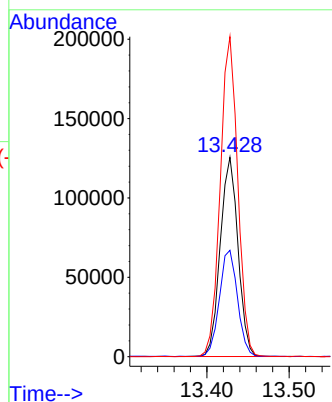
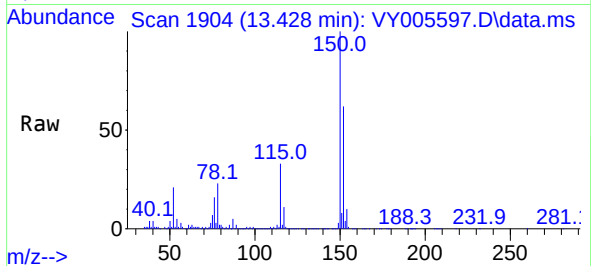




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005597.D  
Acq: 10 Aug 2021 15:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BSY1-SB-10-3-4

Tgt Ion:152 Resp: 188572  
Ion Ratio Lower Upper  
152 100  
115 54.5 27.3 81.9  
150 158.6 0.0 350.2



#95  
Naphthalene  
Concen: 1.123 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY005597.D  
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Tgt Ion:128 Resp: 8478  
Ion Ratio Lower Upper  
128 100  
127 16.3 10.6 15.8#  
129 15.4 8.7 13.1#

