

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060721\  
 Data File : VY004994.D  
 Acq On : 07 Jun 2021 15:46  
 Operator : SY/MD  
 Sample : M2612-11  
 Misc : 8.94G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 18-B12(46-50)

Quant Time: Jun 08 02:09:17 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

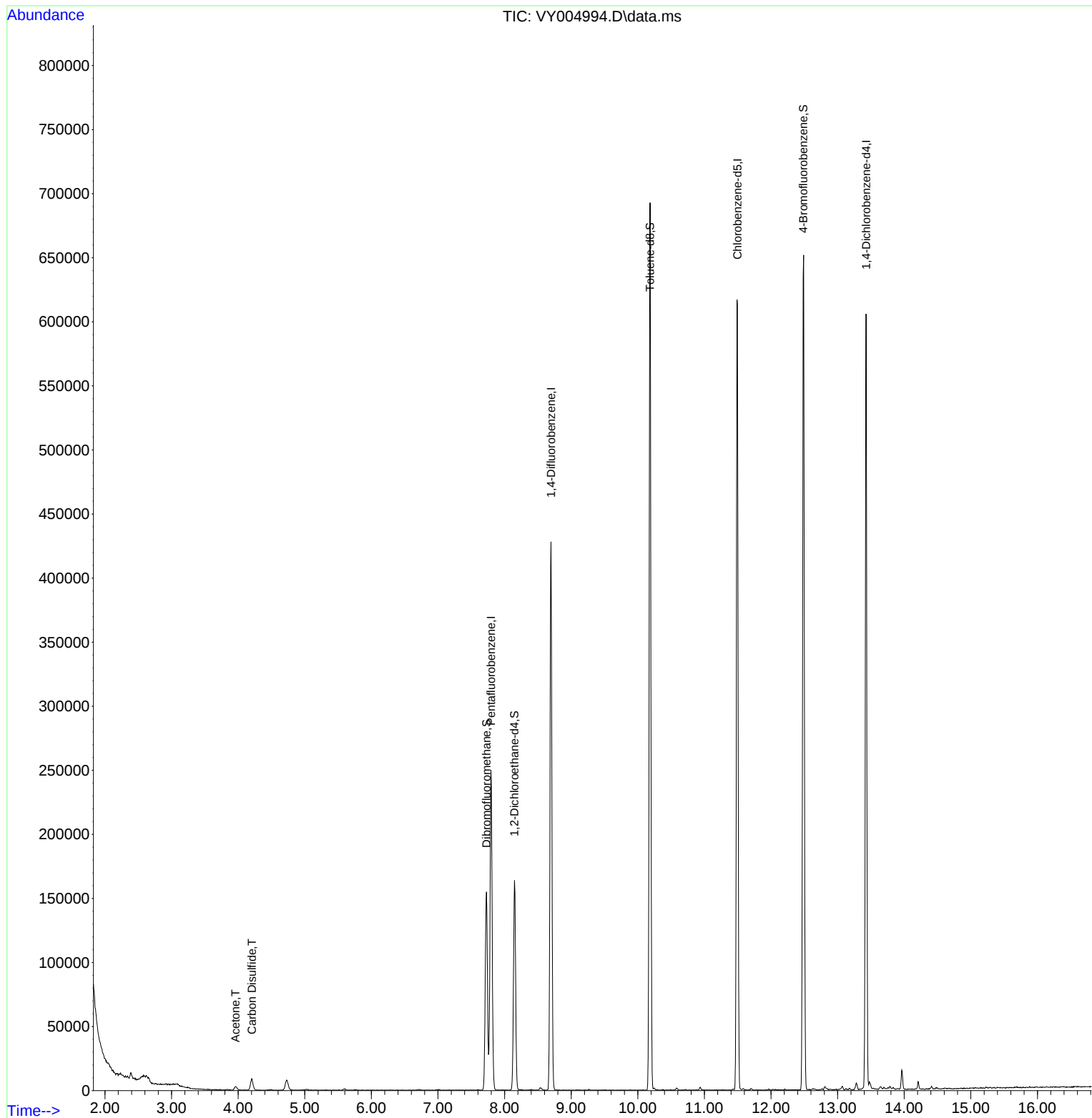
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 186655   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 354799   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 341561   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 146774   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 123806   | 62.741   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 125.480% |          |
| 35) Dibromofluoromethane    | 7.728  | 113   | 110085   | 57.671   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 115.340% |          |
| 50) Toluene-d8              | 10.185 | 98    | 444887   | 56.118   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 112.240% |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 147236   | 54.002   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 108.000% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 3.960  | 43    | 5106     | 10.749   | ug/l       | 99       |
| 17) Carbon Disulfide        | 4.204  | 76    | 17382    | 2.947    | ug/l       | 98       |
| -----                       |        |       |          |          |            |          |

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

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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
18-B12(46-50)

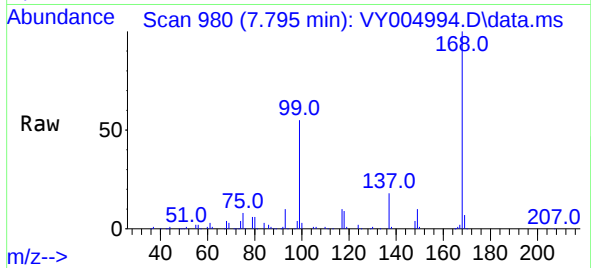
Quant Time: Jun 08 02:09:17 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 03 04:43:33 2021  
Response via : Initial Calibration



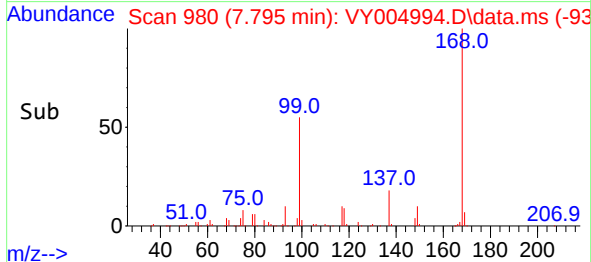
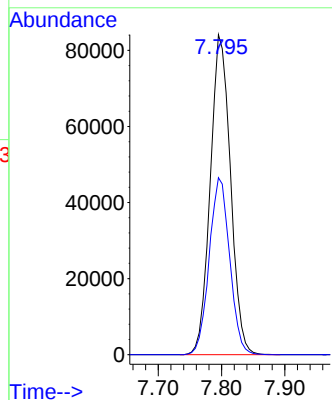


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY004994.D  
Acq: 07 Jun 2021 15:46

Instrument :  
MSVOA\_Y  
ClientSampleId :  
18-B12(46-50)

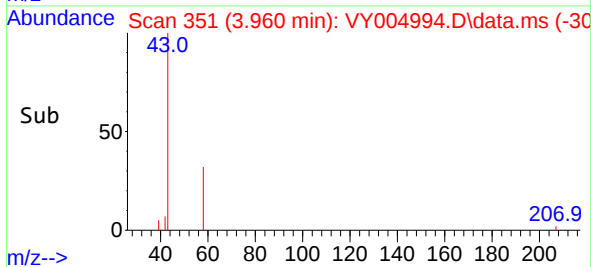
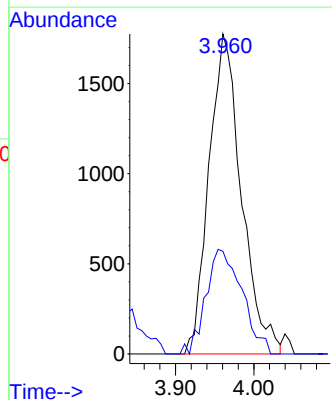
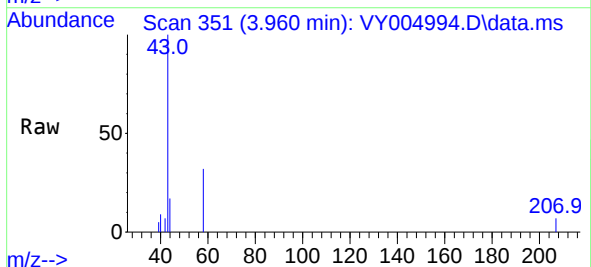


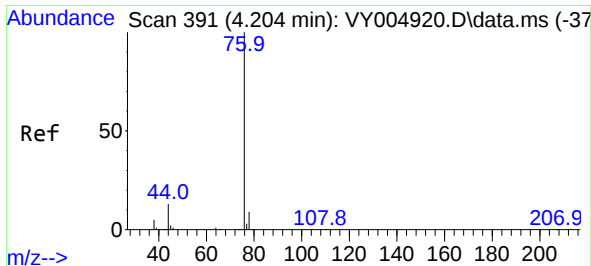
Tgt Ion:168 Resp: 186655  
Ion Ratio Lower Upper  
168 100  
99 55.3 43.9 65.9



#16  
Acetone  
Concen: 10.749 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY004994.D  
Acq: 07 Jun 2021 15:46

Tgt Ion: 43 Resp: 5106  
Ion Ratio Lower Upper  
43 100  
58 32.1 25.3 37.9

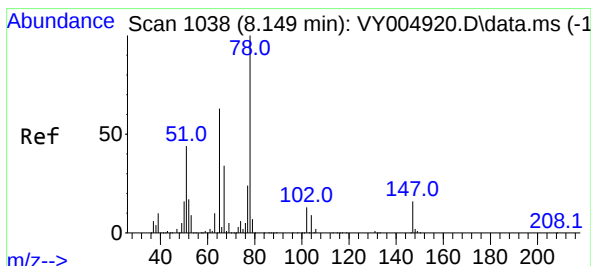
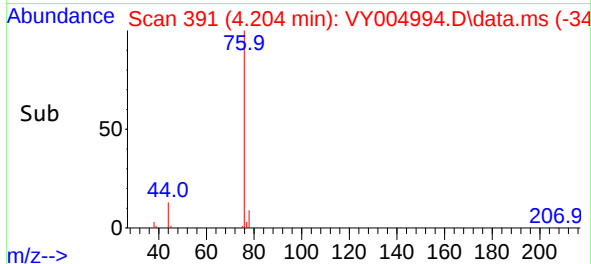
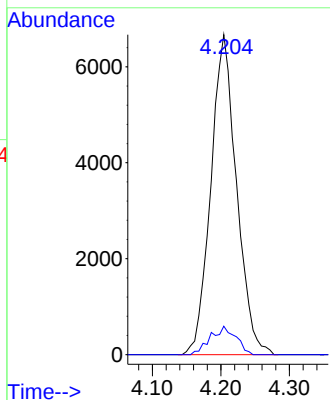
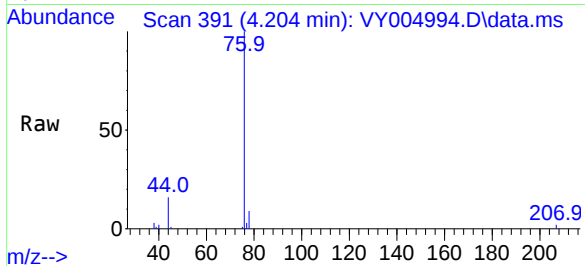




#17  
Carbon Disulfide  
Concen: 2.947 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY004994.D  
Acq: 07 Jun 2021 15:46

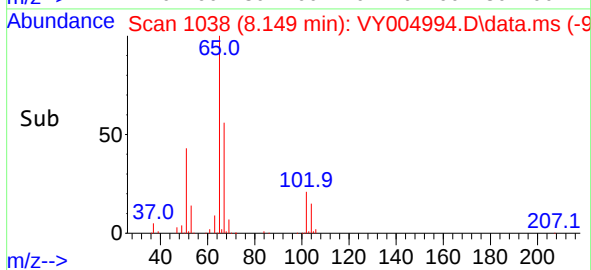
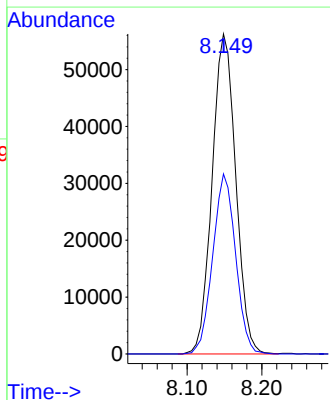
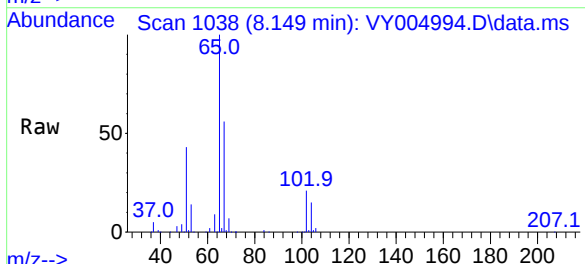
Instrument :  
MSVOA\_Y  
ClientSampleId :  
18-B12(46-50)

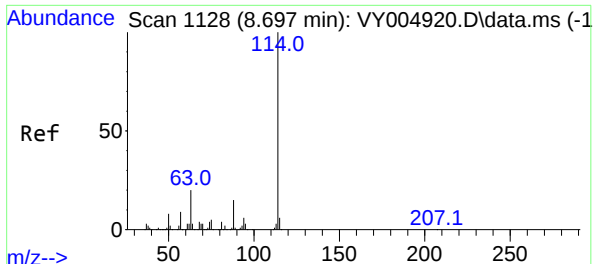
Tgt Ion: 76 Resp: 17382  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.6 11.4



#33  
1,2-Dichloroethane-d4  
Concen: 62.741 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY004994.D  
Acq: 07 Jun 2021 15:46

Tgt Ion: 65 Resp: 123806  
Ion Ratio Lower Upper  
65 100  
67 54.4 0.0 110.6

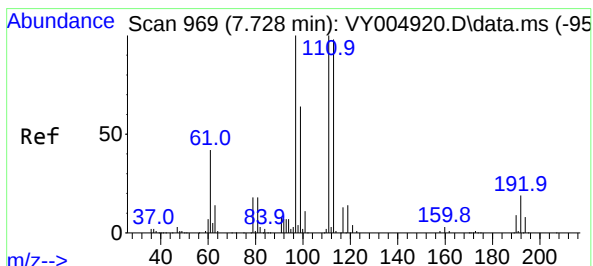
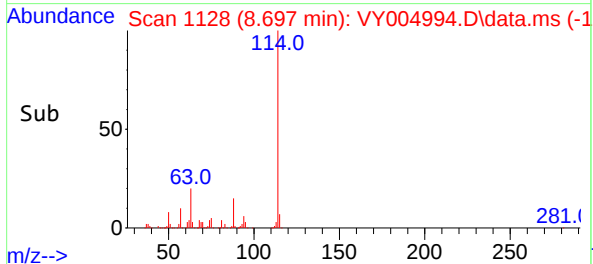
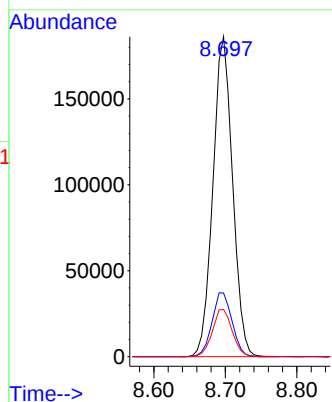
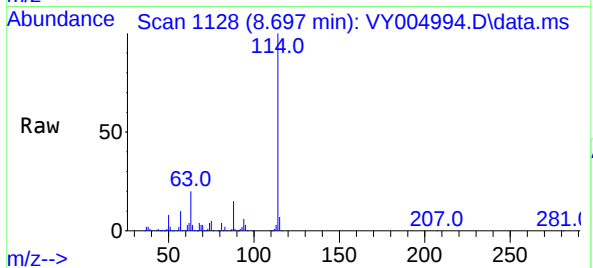




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY004994.D  
Acq: 07 Jun 2021 15:46

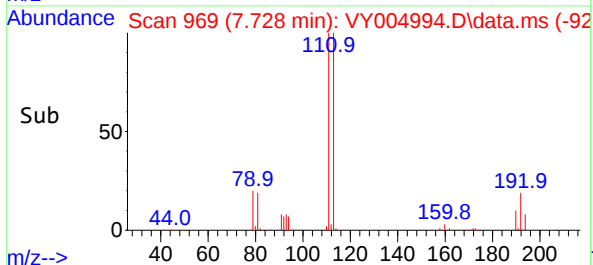
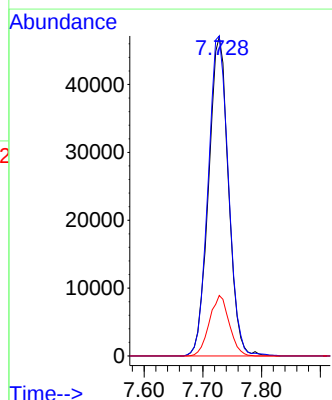
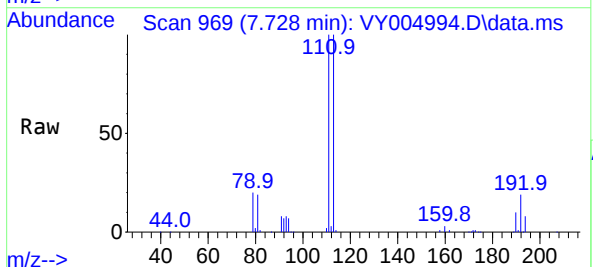
Instrument :  
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18-B12(46-50)

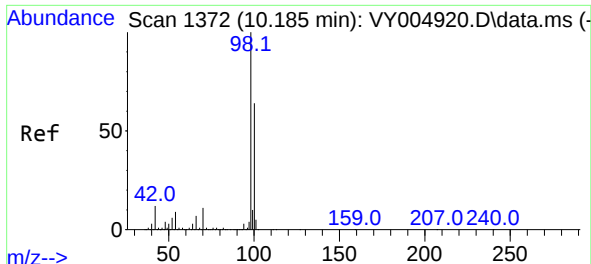
Tgt Ion:114 Resp: 354799  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 41.0  
88 14.7 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 57.671 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY004994.D  
Acq: 07 Jun 2021 15:46

Tgt Ion:113 Resp: 110085  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.8 122.8  
192 19.0 15.3 22.9

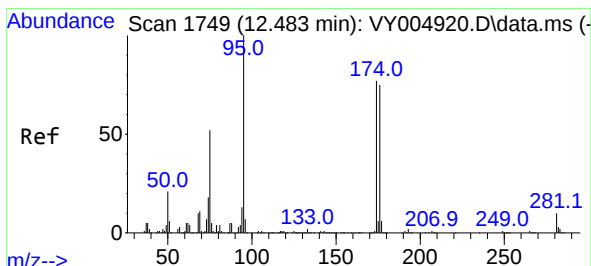
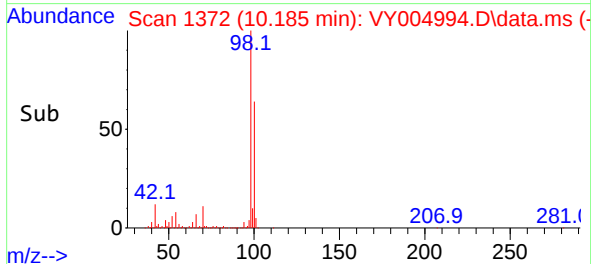
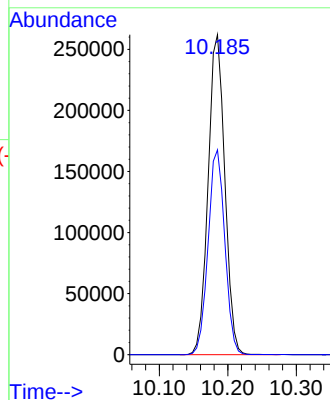
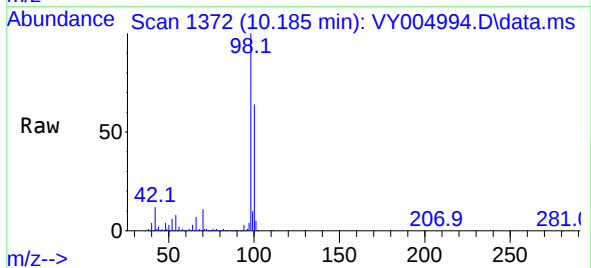




#50  
Toluene-d8  
Concen: 56.118 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004994.D  
Acq: 07 Jun 2021 15:46

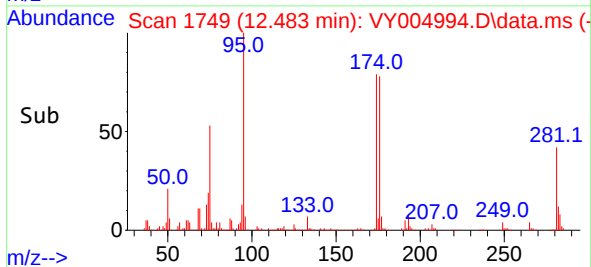
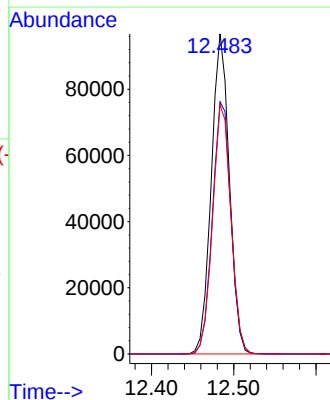
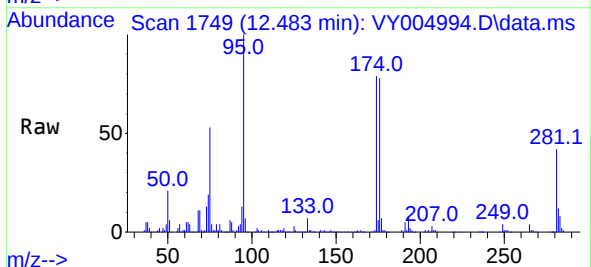
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18-B12(46-50)

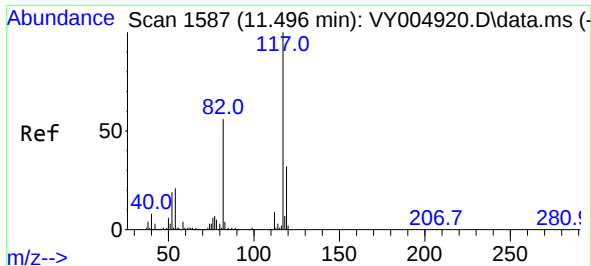
Tgt Ion: 98 Resp: 444887  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 54.002 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY004994.D  
Acq: 07 Jun 2021 15:46

Tgt Ion: 95 Resp: 147236  
Ion Ratio Lower Upper  
95 100  
174 80.6 0.0 160.8  
176 79.2 0.0 155.6

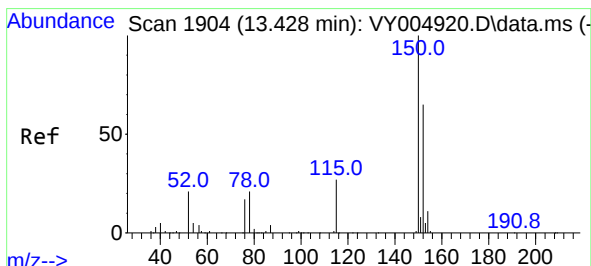
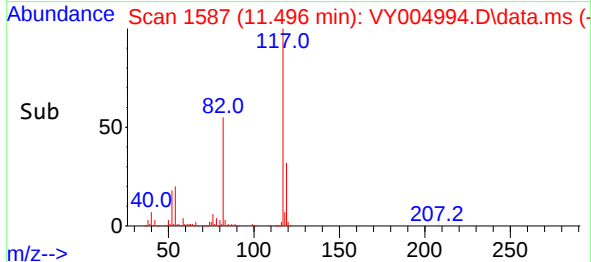
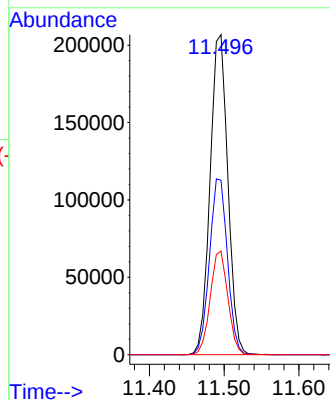
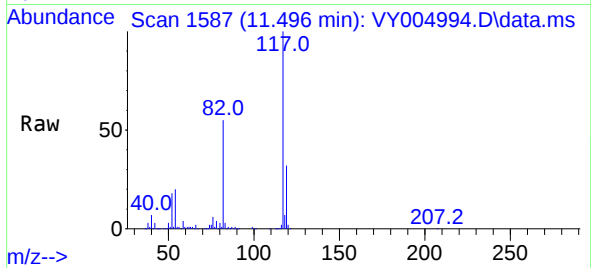




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004994.D  
Acq: 07 Jun 2021 15:46

Instrument :  
MSVOA\_Y  
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18-B12(46-50)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 341561 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.5  | 44.8  | 67.2   |
| 119      | 32.4  | 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: VY004994.D  
Acq: 07 Jun 2021 15:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 146774 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 59.7  | 29.9  | 89.7   |
| 150      | 158.1 | 0.0   | 347.8  |

