

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041921\  
 Data File : VY004508.D  
 Acq On : 19 Apr 2021 19:08  
 Operator : SY/MD  
 Sample : M2076-06  
 Misc : 5.01G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-14-14.5-15.0

Quant Time: Apr 20 01:51:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

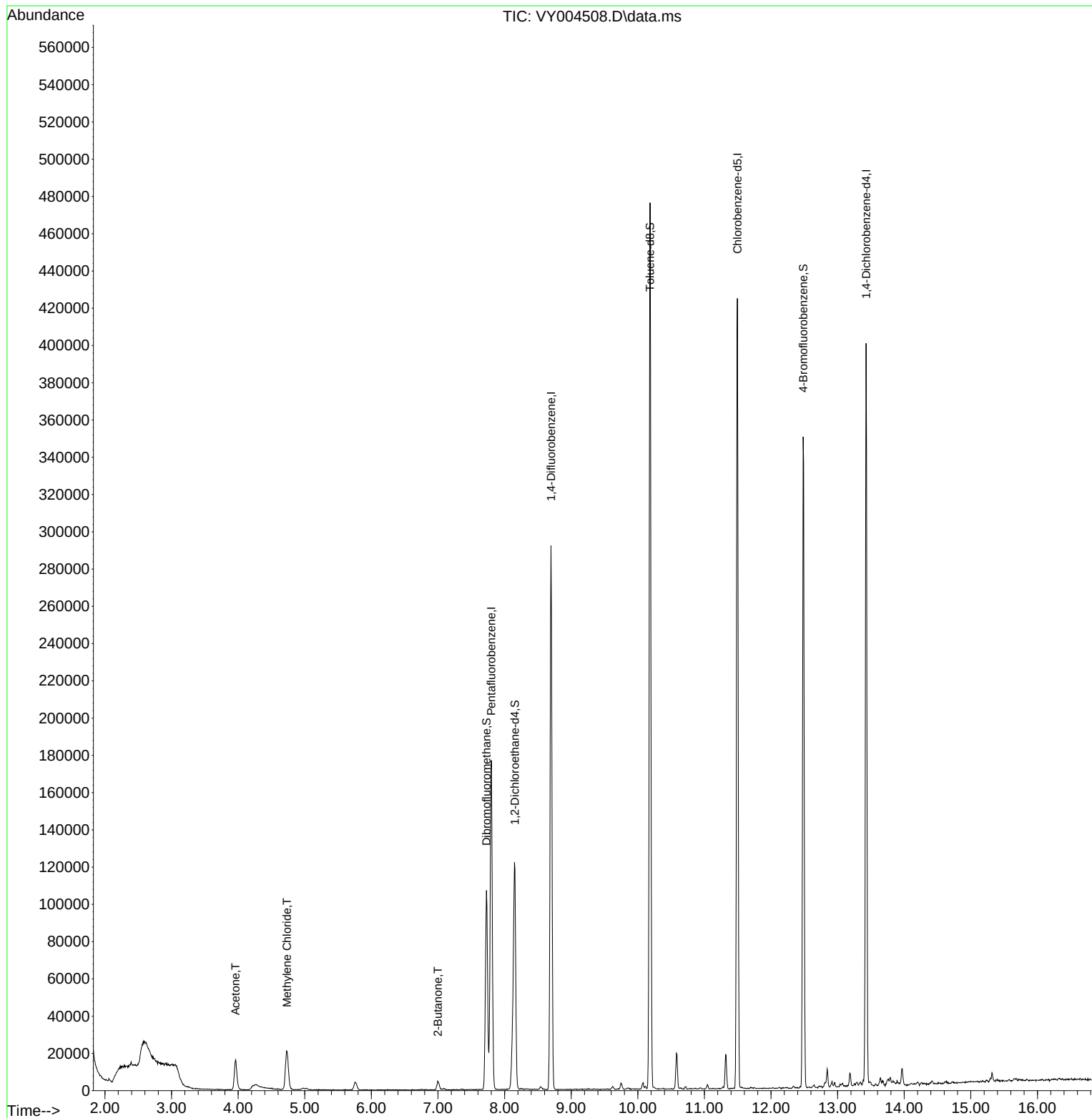
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.801  | 168   | 133171   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 233893   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.495 | 117   | 222612   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 95225    | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.154  | 65    | 86341    | 58.35    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 116.70%  |
| 35) Dibromofluoromethane    | 7.728  | 113   | 72514    | 55.87    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 111.74%  |
| 50) Toluene-d8              | 10.185 | 98    | 292862   | 53.04    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 106.08%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 95703    | 51.08    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 102.16%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.960  | 43    | 28415    | 77.19    | ug/l   | 98       |
| 20) Methylene Chloride      | 4.734  | 84    | 15093    | 10.56    | ug/l   | 95       |
| 25) 2-Butanone              | 6.996  | 43    | 8041     | 14.27    | ug/l   | 96       |
| -----                       |        |       |          |          |        |          |

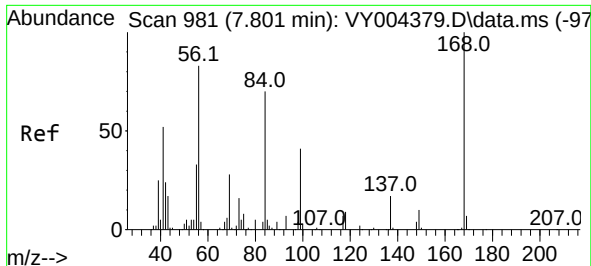
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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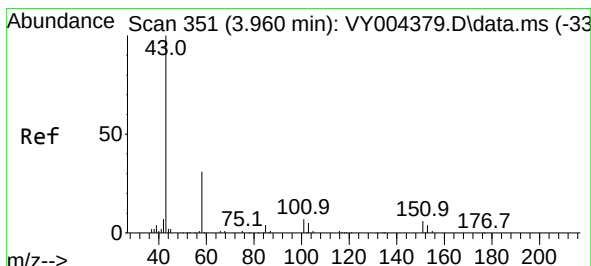
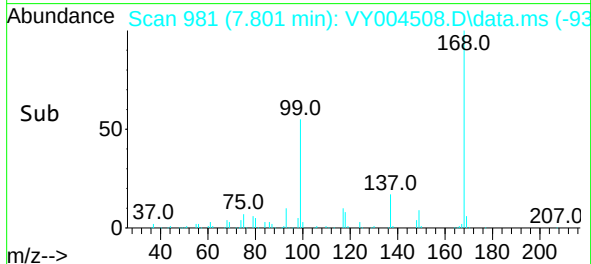
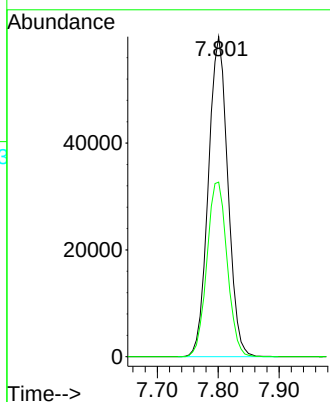
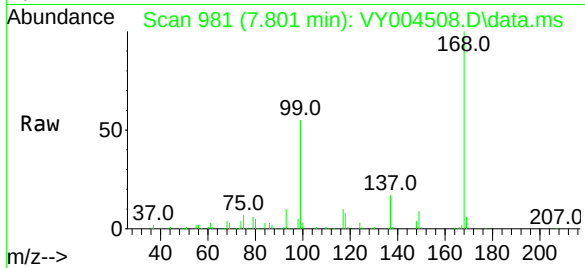




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VY004508.D  
Acq: 19 Apr 2021 19:08

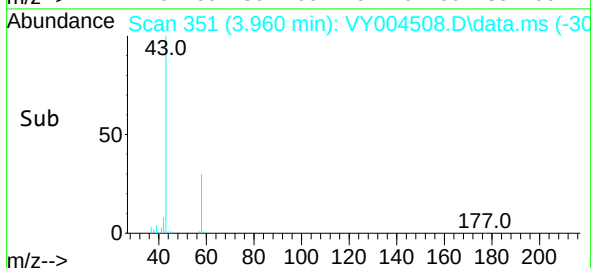
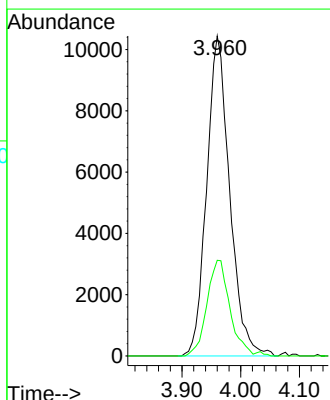
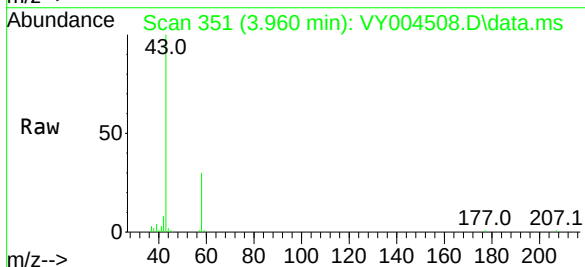
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-14-14.5-15.0

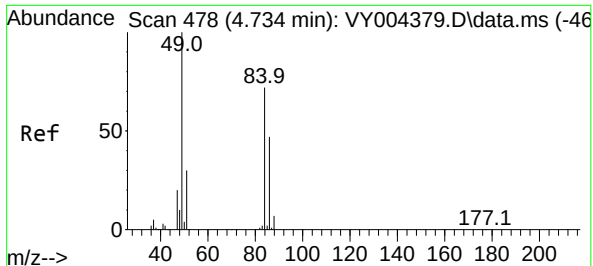
Tgt Ion:168 Resp: 133171  
Ion Ratio Lower Upper  
168 100  
99 54.5 45.5 68.3



#16  
Acetone  
Concen: 77.19 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY004508.D  
Acq: 19 Apr 2021 19:08

Tgt Ion: 43 Resp: 28415  
Ion Ratio Lower Upper  
43 100  
58 29.9 24.6 37.0





#20

Methylene Chloride

Concen: 10.56 ug/l

RT: 4.734 min Scan# 478

Delta R.T. -0.000 min

Lab File: VY004508.D

Acq: 19 Apr 2021 19:08

Instrument :

MSVOA\_Y

ClientSampleId :

SB-14-14.5-15.0

Tgt Ion: 84 Resp: 15093

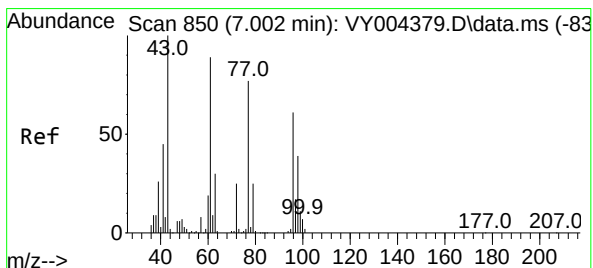
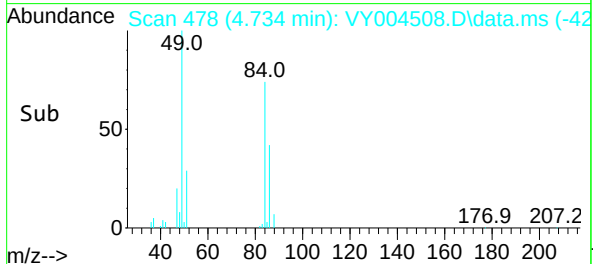
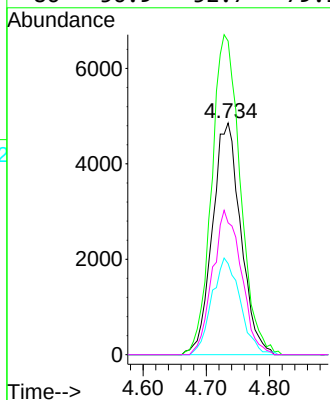
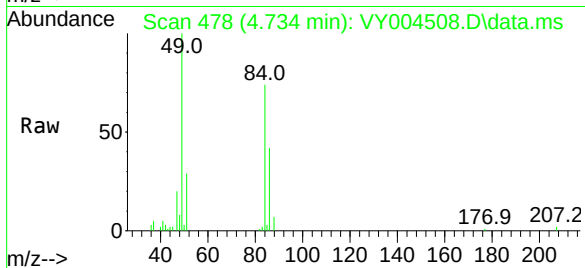
Ion Ratio Lower Upper

84 100

49 135.3 111.2 166.8

51 39.3 33.4 50.2

86 56.9 52.7 79.1



#25

2-Butanone

Concen: 14.27 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY004508.D

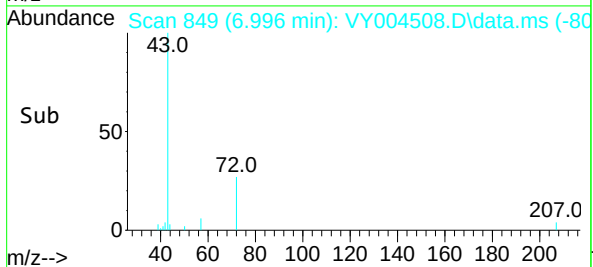
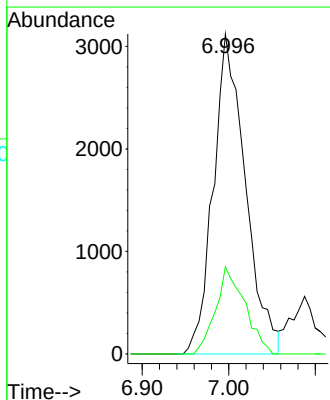
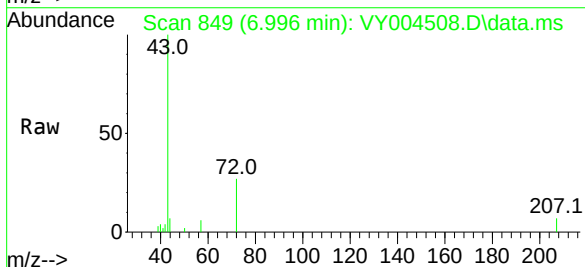
Acq: 19 Apr 2021 19:08

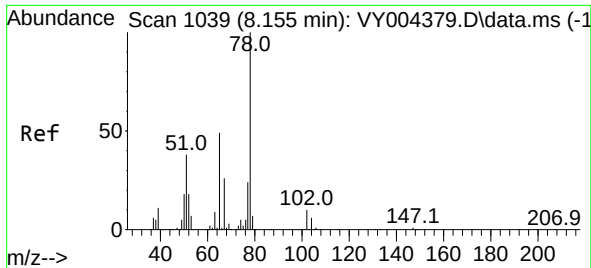
Tgt Ion: 43 Resp: 8041

Ion Ratio Lower Upper

43 100

72 27.3 20.2 30.2

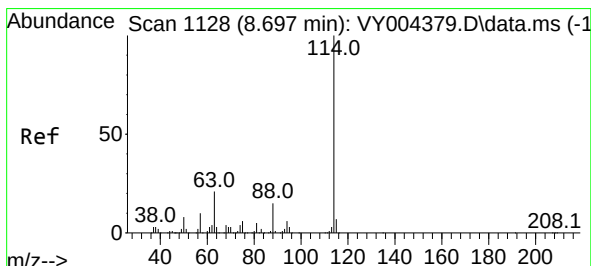
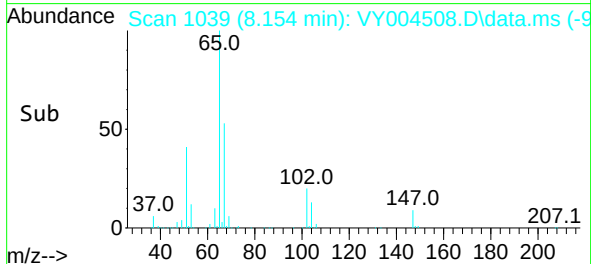
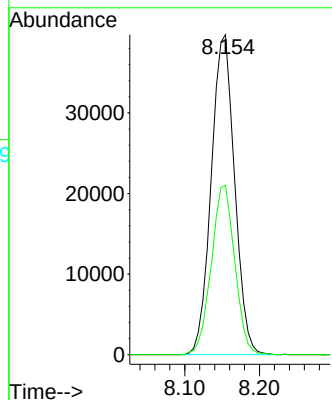
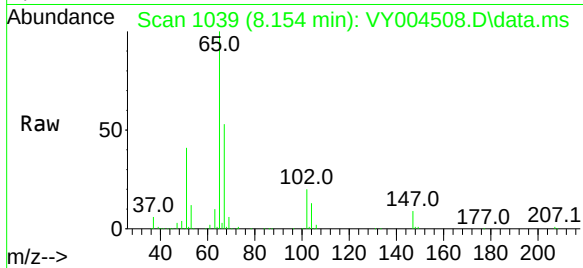




#33  
 1,2-Dichloroethane-d4  
 Concen: 58.35 ug/l  
 RT: 8.154 min Scan# 1039  
 Delta R.T. -0.000 min  
 Lab File: VY004508.D  
 Acq: 19 Apr 2021 19:08

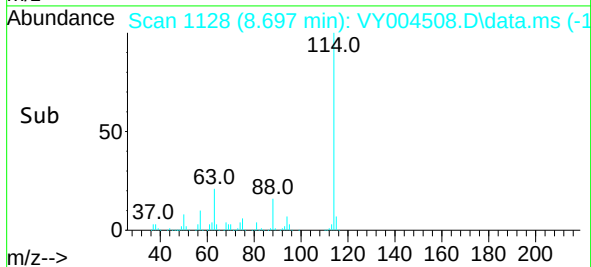
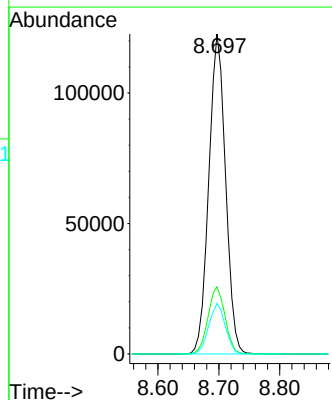
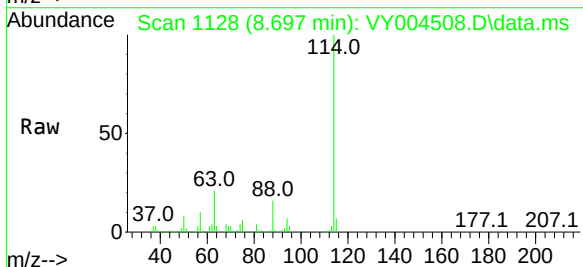
Instrument :  
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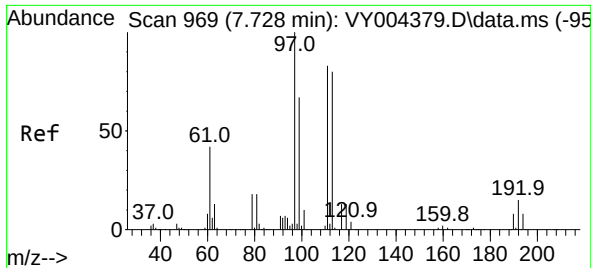
Tgt Ion: 65 Resp: 86341  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 106.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.697 min Scan# 1128  
 Delta R.T. -0.000 min  
 Lab File: VY004508.D  
 Acq: 19 Apr 2021 19:08

Tgt Ion: 114 Resp: 233893  
 Ion Ratio Lower Upper  
 114 100  
 63 21.0 0.0 42.4  
 88 15.8 0.0 30.8

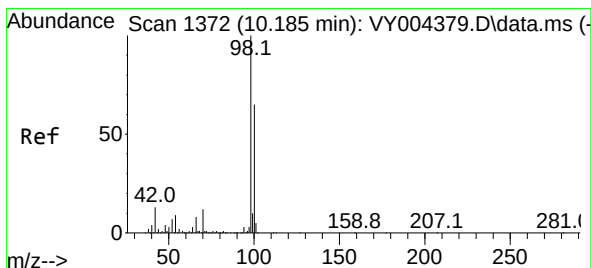
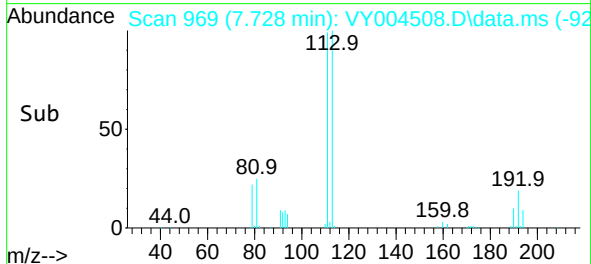
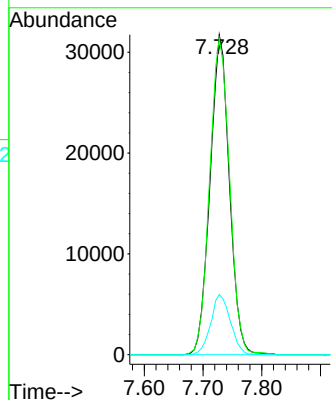
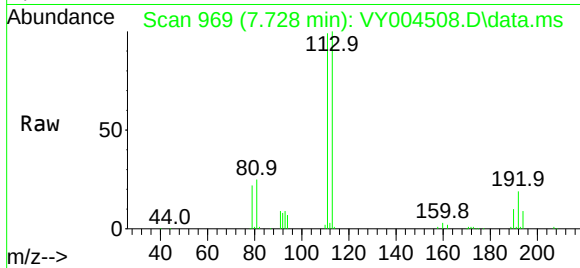




#35  
Dibromofluoromethane  
Concen: 55.87 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY004508.D  
Acq: 19 Apr 2021 19:08

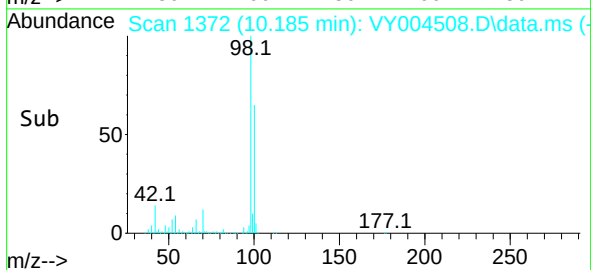
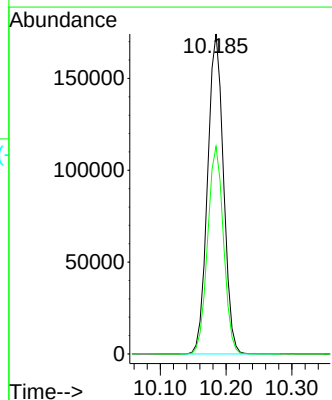
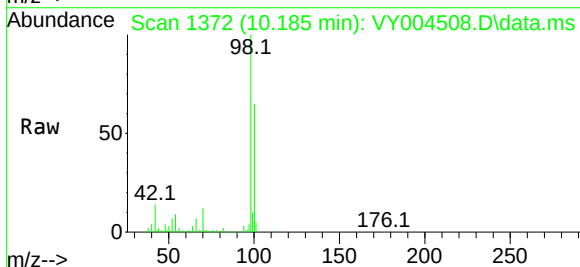
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MSVOA\_Y  
ClientSampleId :  
SB-14-14.5-15.0

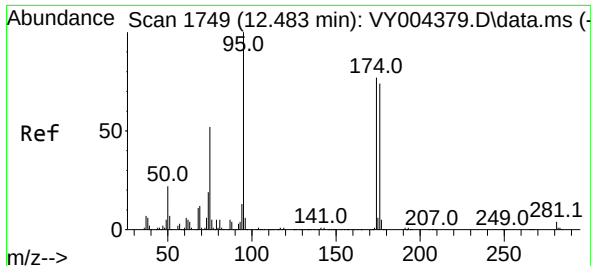
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 72514 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.1 | 82.6  | 123.8 |
| 192      | 19.1  | 16.1  | 24.1  |



#50  
Toluene-d8  
Concen: 53.04 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004508.D  
Acq: 19 Apr 2021 19:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 292862 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.7  | 51.8  | 77.6   |

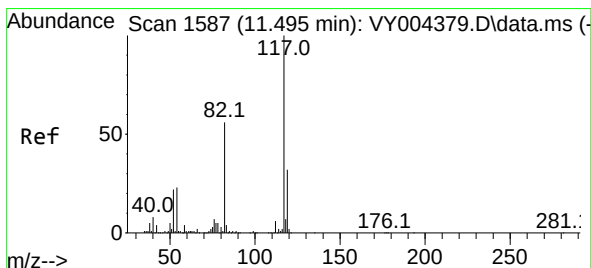
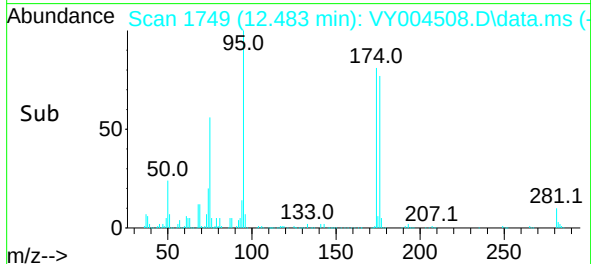
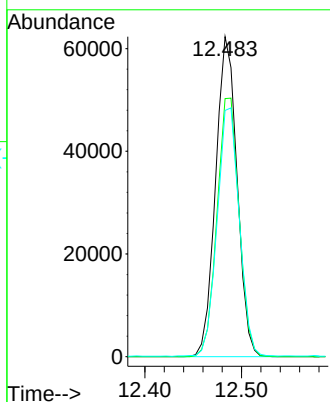
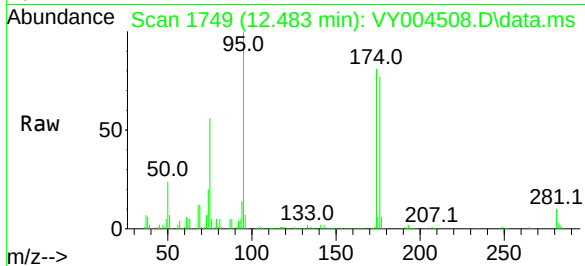




#62  
4-Bromofluorobenzene  
Concen: 51.08 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY004508.D  
Acq: 19 Apr 2021 19:08

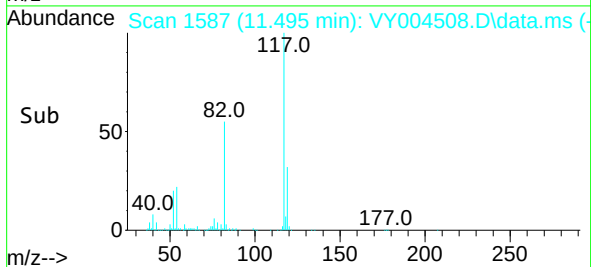
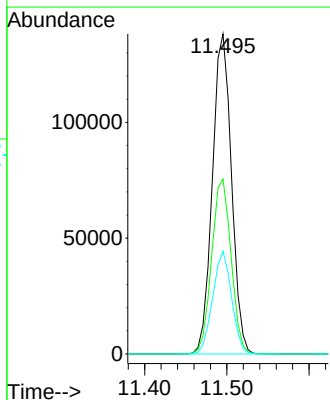
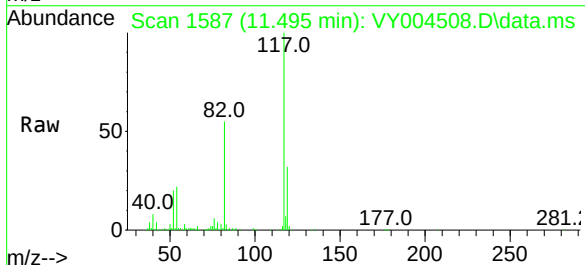
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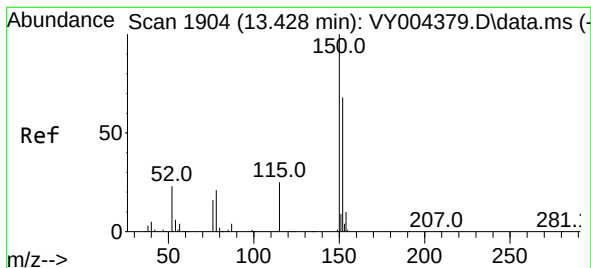
Tgt Ion: 95 Resp: 95703  
Ion Ratio Lower Upper  
95 100  
174 83.1 0.0 162.4  
176 80.4 0.0 156.0



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004508.D  
Acq: 19 Apr 2021 19:08

Tgt Ion: 117 Resp: 222612  
Ion Ratio Lower Upper  
117 100  
82 54.7 44.9 67.3  
119 32.1 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. -0.000 min  
 Lab File: VY004508.D  
 Acq: 19 Apr 2021 19:08

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
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Tgt Ion:152 Resp: 95225  
 Ion Ratio Lower Upper  
 152 100  
 115 59.2 29.6 88.8  
 150 157.8 0.0 348.4

