

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042921\  
 Data File : VY004667.D  
 Acq On : 29 Apr 2021 18:22  
 Operator : SY/MD  
 Sample : M2229-01  
 Misc : 8.77G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-6

Quant Time: Apr 30 04:34:21 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

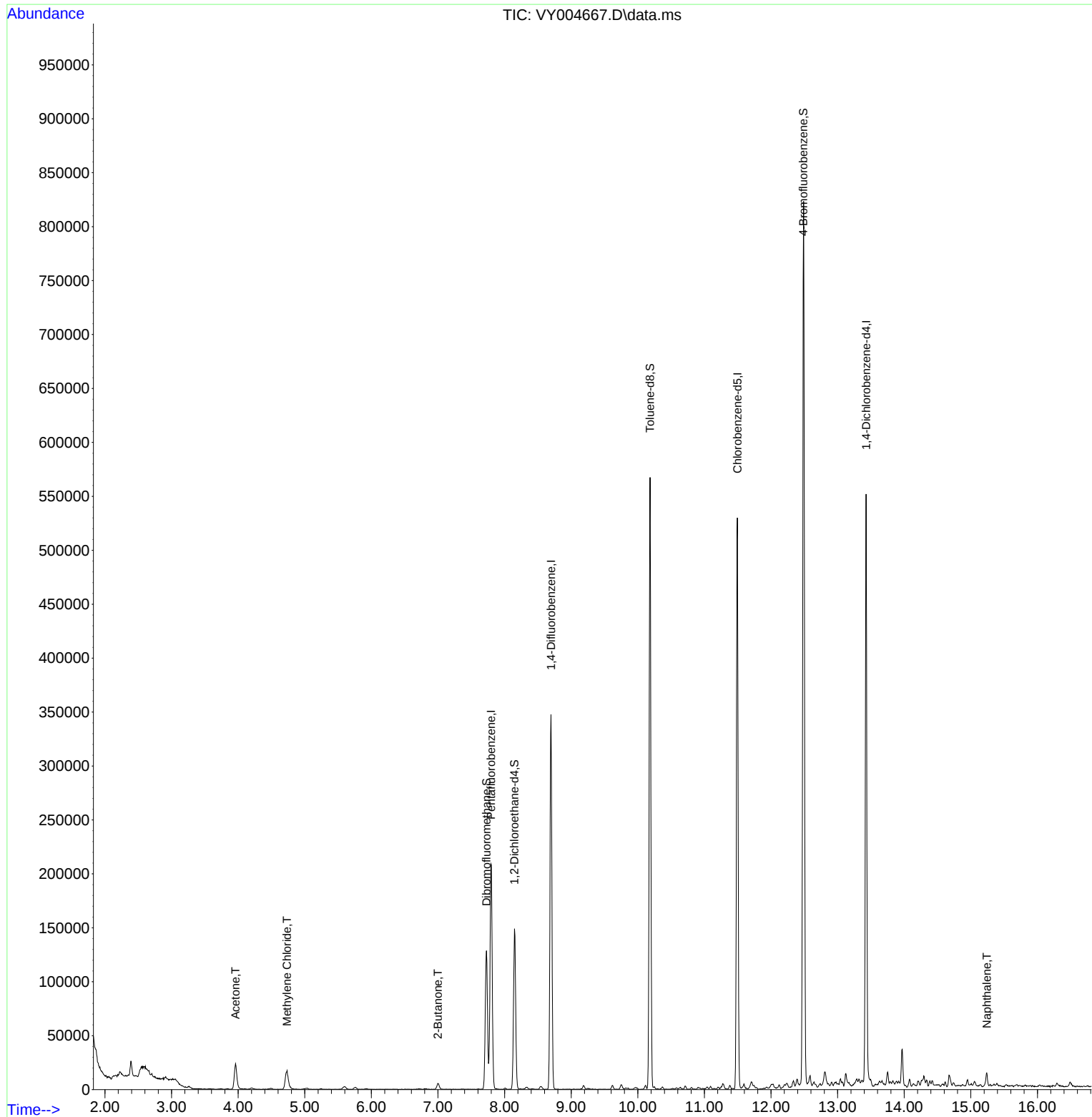
| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 159366   | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 282740   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 272682   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 126299   | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 114828   | 64.85    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 129.70% |          |
| 35) Dibromofluoromethane    | 7.728  | 113   | 87532    | 55.79    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 111.58% |          |
| 50) Toluene-d8              | 10.185 | 98    | 350834   | 52.57    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 105.14% |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 126536   | 55.87    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 111.74% |          |
| Target Compounds            |        |       |          |          |           |          |
| 16) Acetone                 | 3.960  | 43    | 41081    | 97.59    | ug/l      | 98       |
| 20) Methylene Chloride      | 4.735  | 84    | 12143    | 7.10     | ug/l #    | 79       |
| 25) 2-Butanone              | 6.996  | 43    | 9348     | 13.86    | ug/l      | 93       |
| 95) Naphthalene             | 15.239 | 128   | 9654     | 1.85     | ug/l      | 99       |
| -----                       |        |       |          |          |           |          |

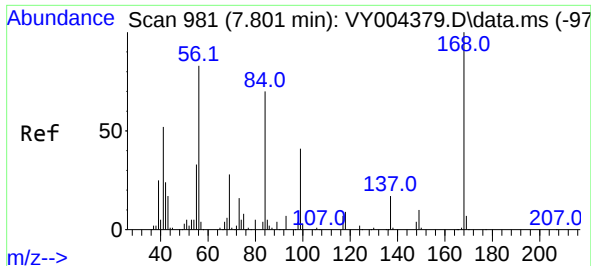
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042921\  
Data File : VY004667.D  
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Sample : M2229-01  
Misc : 8.77G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-6

Quant Time: Apr 30 04:34:21 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

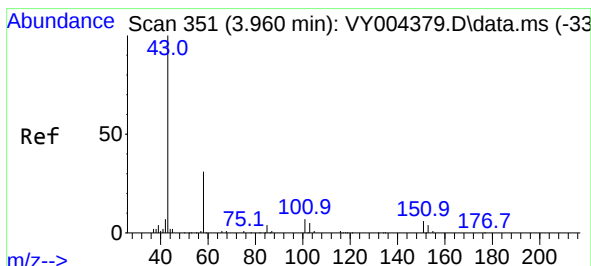
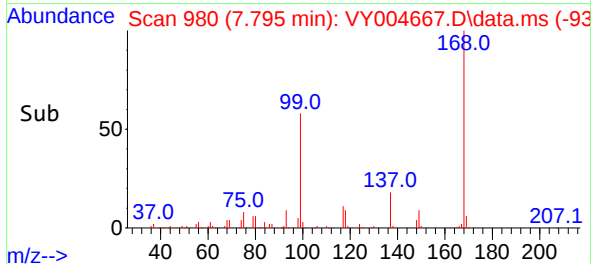
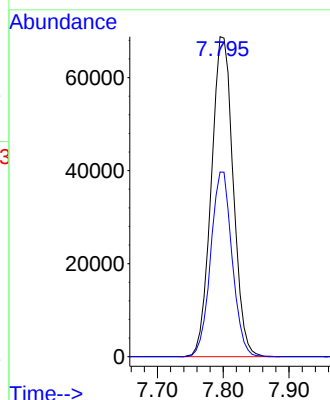
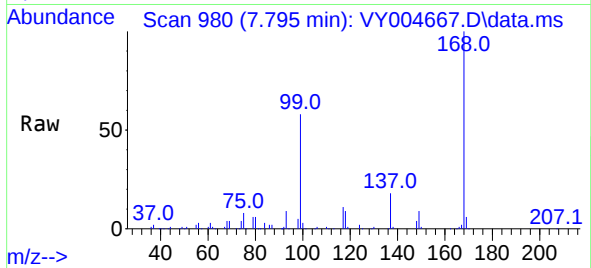




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

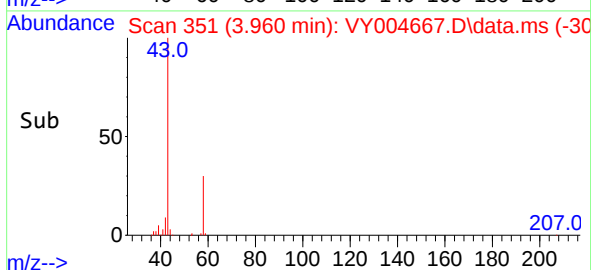
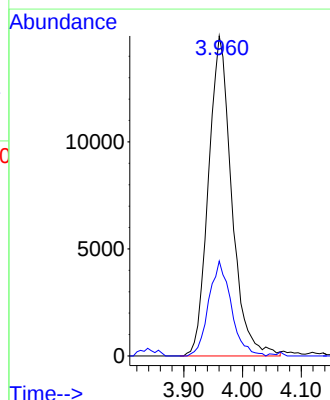
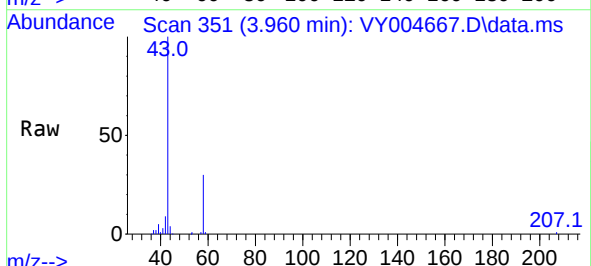
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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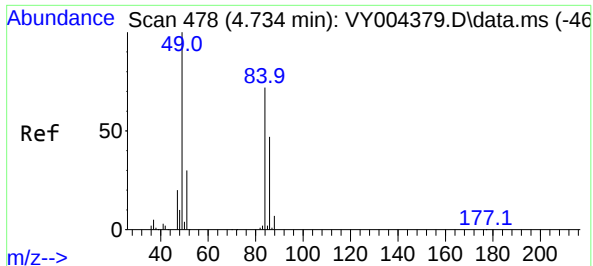
Tgt Ion:168 Resp: 159366  
Ion Ratio Lower Upper  
168 100  
99 57.7 45.5 68.3



#16  
Acetone  
Concen: 97.59 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

Tgt Ion: 43 Resp: 41081  
Ion Ratio Lower Upper  
43 100  
58 29.6 24.6 37.0



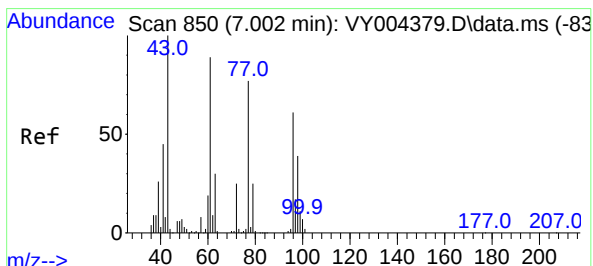
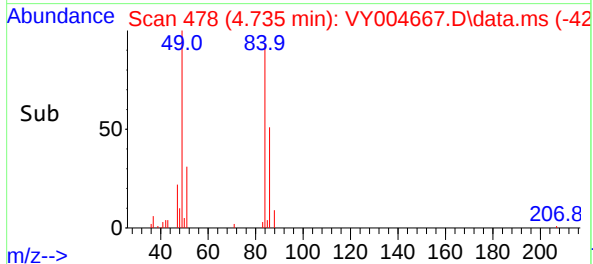
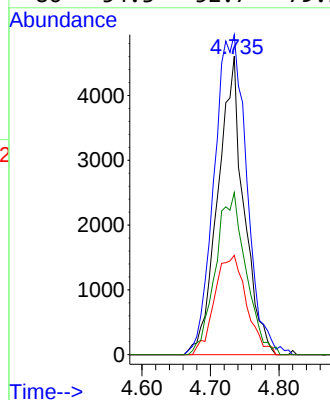
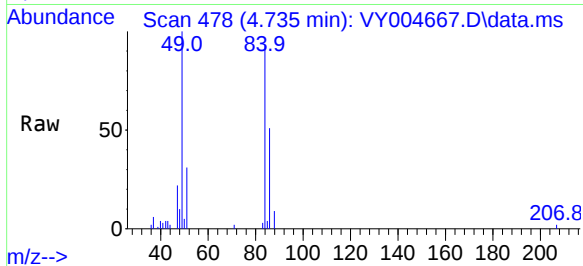


#20  
Methylene Chloride  
Concen: 7.10 ug/l  
RT: 4.735 min Scan# 478  
Delta R.T. 0.000 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

Instrument :  
MSVOA\_Y  
ClientSampled :  
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Tgt Ion: 84 Resp: 12143

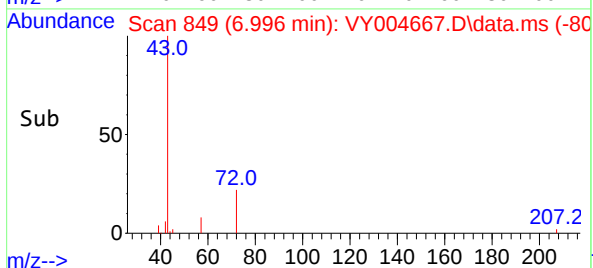
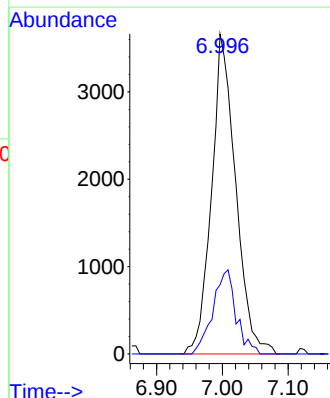
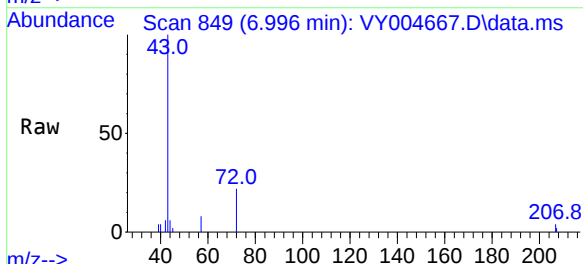
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 107.2 | 111.2 | 166.8# |
| 51  | 33.3  | 33.4  | 50.2#  |
| 86  | 54.3  | 52.7  | 79.1   |

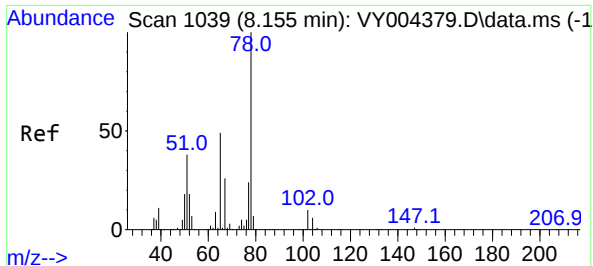


#25  
2-Butanone  
Concen: 13.86 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

Tgt Ion: 43 Resp: 9348

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 21.6  | 20.2  | 30.2  |

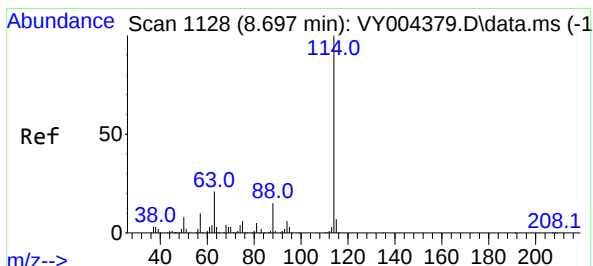
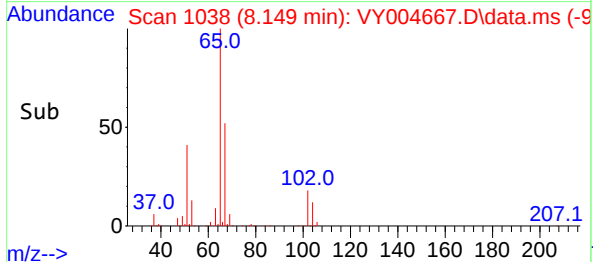
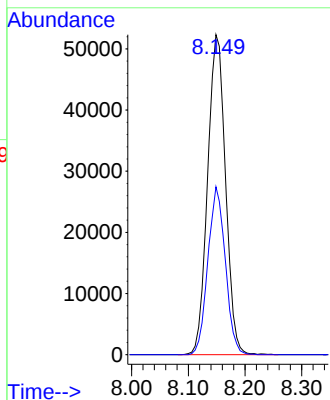
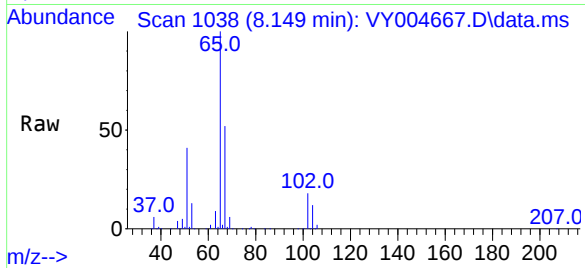




#33  
1,2-Dichloroethane-d4  
Concen: 64.85 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

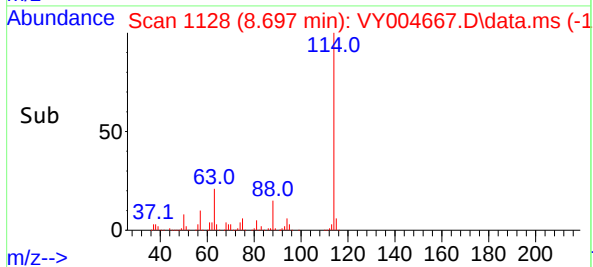
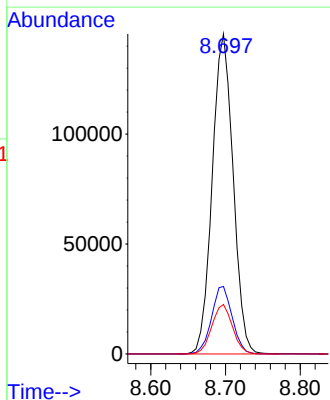
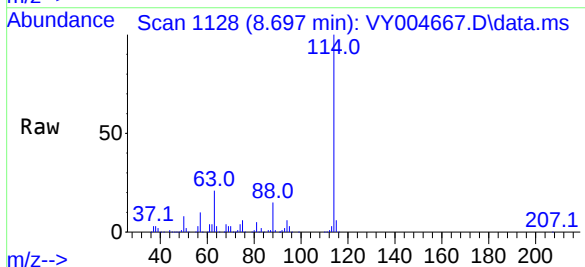
Instrument :  
MSVOA\_Y  
ClientSampled :  
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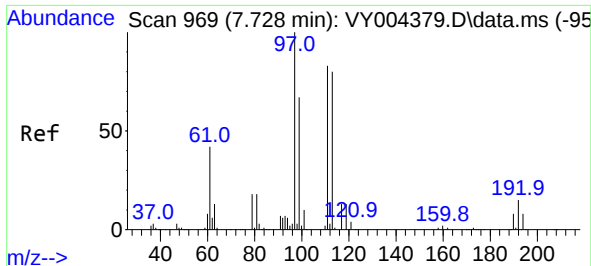
Tgt Ion: 65 Resp: 114828  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 106.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

Tgt Ion:114 Resp: 282740  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 42.4  
88 15.5 0.0 30.8

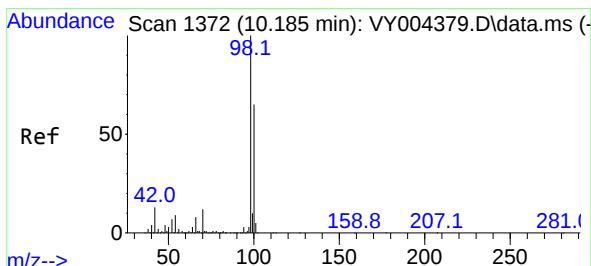
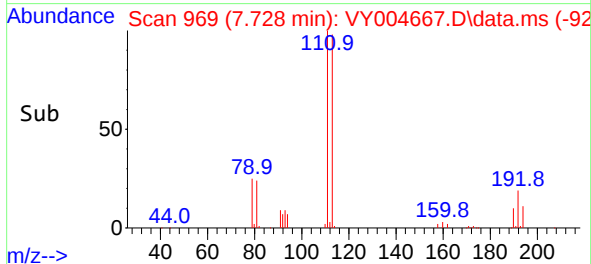
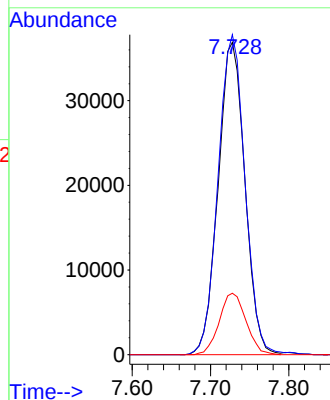
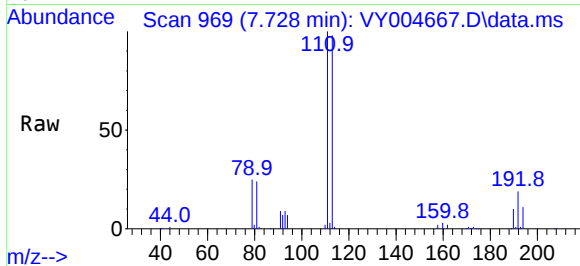




#35  
Dibromofluoromethane  
Concen: 55.79 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

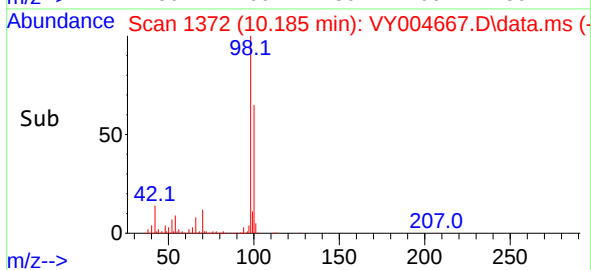
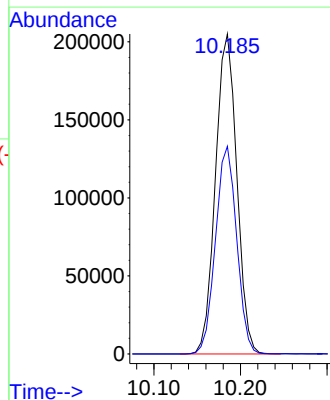
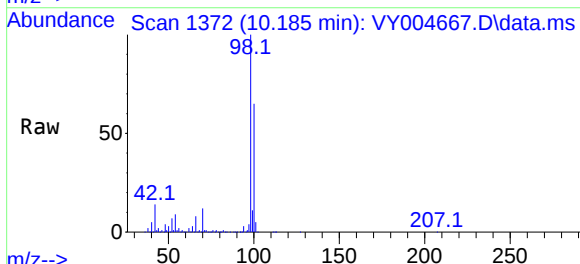
Instrument :  
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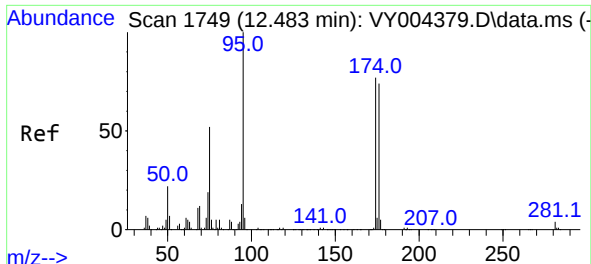
Tgt Ion:113 Resp: 87532  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.6 123.8  
192 19.7 16.1 24.1



#50  
Toluene-d8  
Concen: 52.57 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

Tgt Ion: 98 Resp: 350834  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.8 77.6

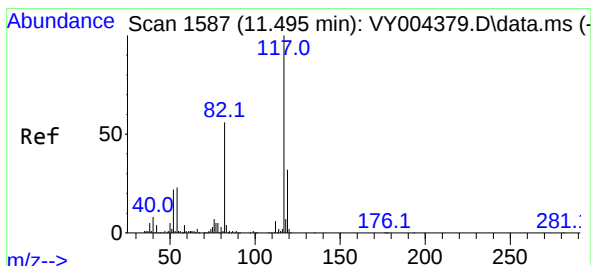
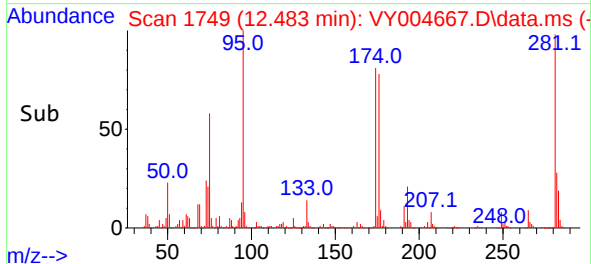
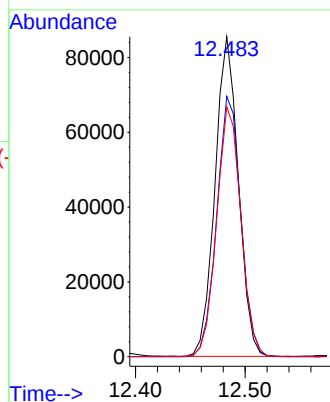
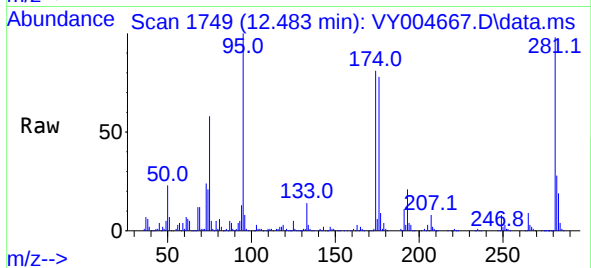




#62  
4-Bromofluorobenzene  
Concen: 55.87 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

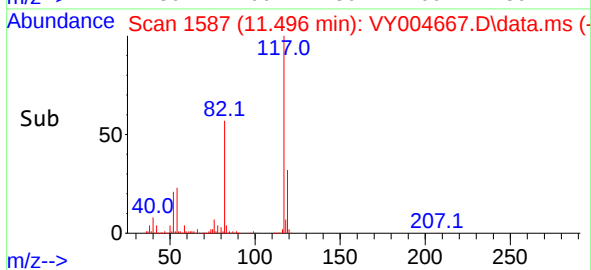
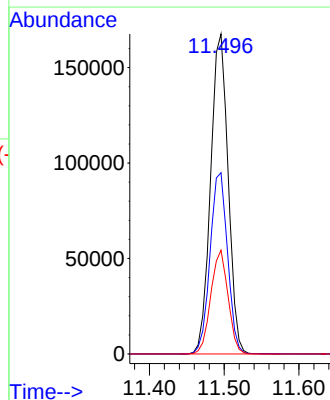
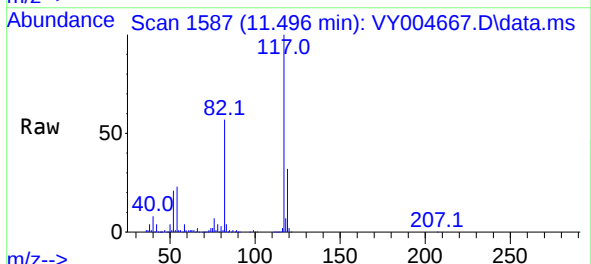
Instrument :  
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ClientSampleId :  
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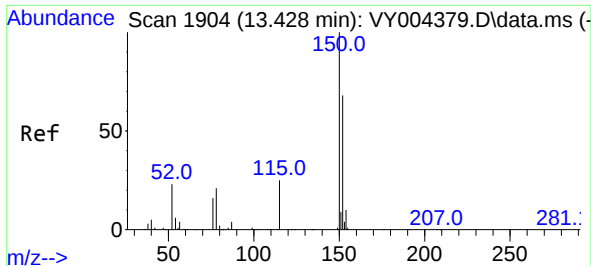
Tgt Ion: 95 Resp: 126536  
Ion Ratio Lower Upper  
95 100  
174 83.8 0.0 162.4  
176 81.2 0.0 156.0



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

Tgt Ion: 117 Resp: 272682  
Ion Ratio Lower Upper  
117 100  
82 56.7 44.9 67.3  
119 32.4 25.4 38.0

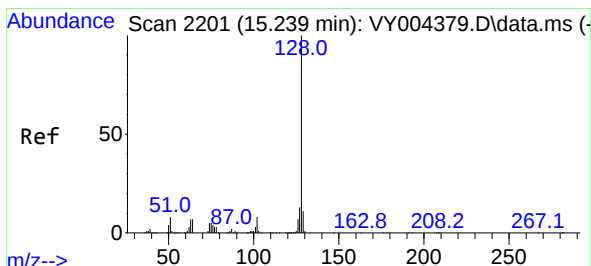
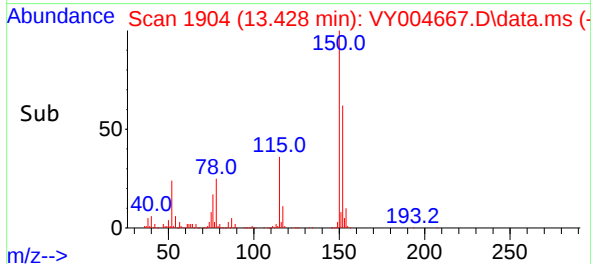
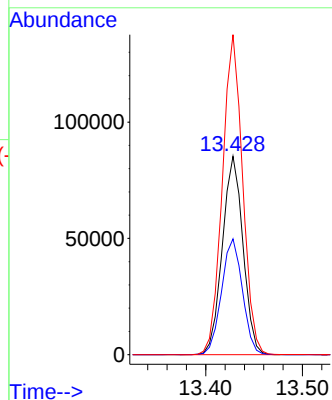
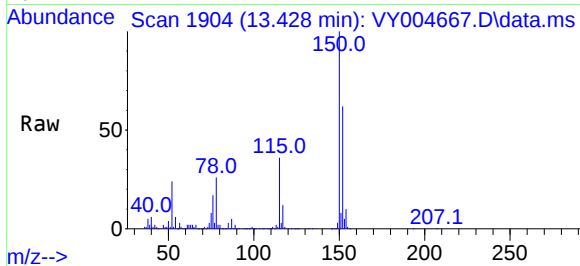




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

Instrument :  
MSVOA\_Y  
ClientSampled :  
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Tgt Ion:152 Resp: 126299  
Ion Ratio Lower Upper  
152 100  
115 59.2 29.6 88.8  
150 158.3 0.0 348.4



#95  
Naphthalene  
Concen: 1.85 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY004667.D  
Acq: 29 Apr 2021 18:22

Tgt Ion:128 Resp: 9654  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.2  
129 12.0 8.8 13.2

