

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042021\  
 Data File : VY004529.D  
 Acq On : 20 Apr 2021 15:21  
 Operator : SY/MD  
 Sample : M2090-12  
 Misc : 5.6G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SEDGWICK-VOC-8

Quant Time: Apr 21 08:51:52 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

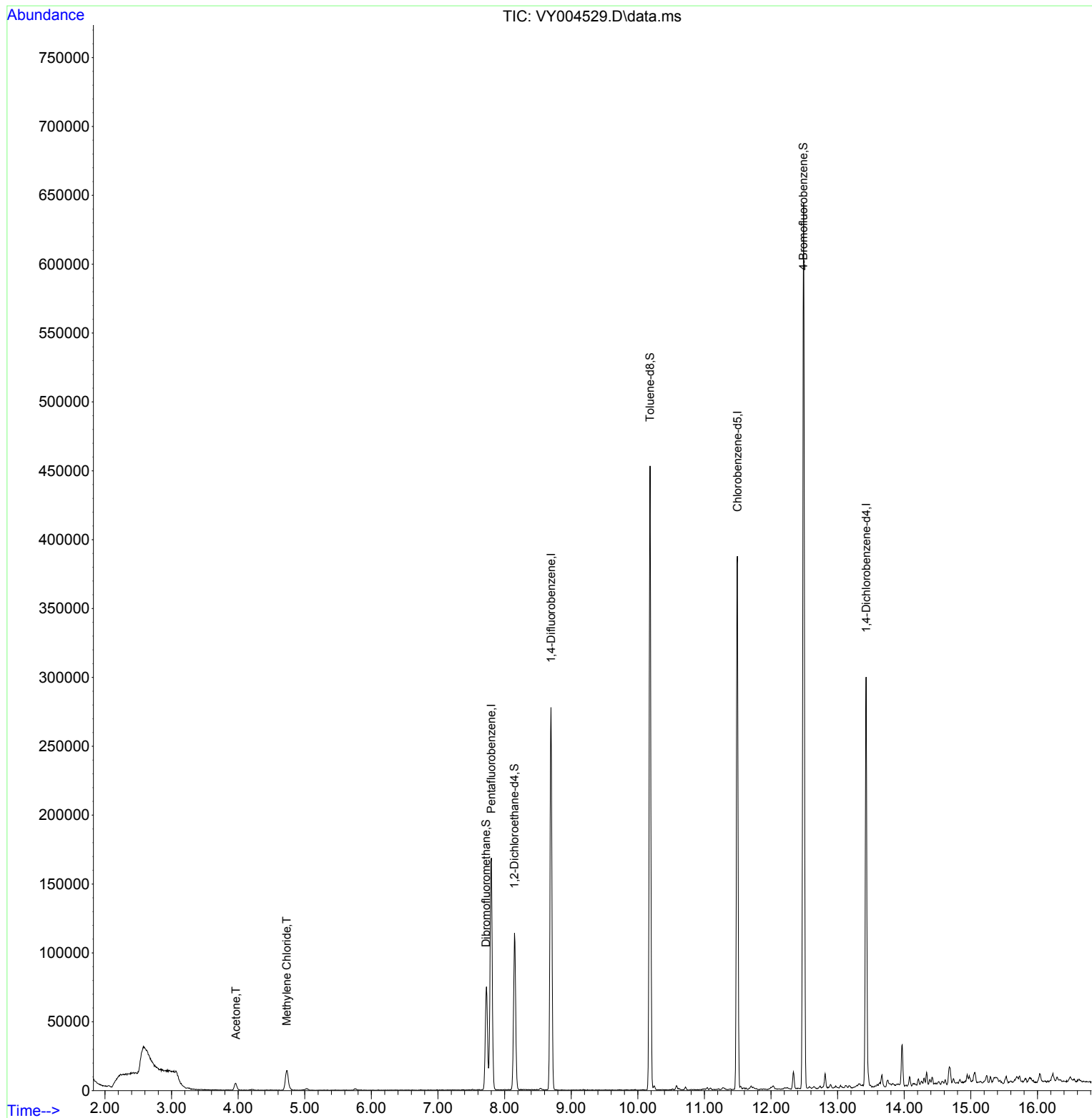
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.801  | 168   | 128008   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 228101   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 200132   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 71016    | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 85678    | 60.24    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 120.48%  |
| 35) Dibromofluoromethane    | 7.722  | 113   | 51681    | 40.83    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 81.66%   |
| 50) Toluene-d8              | 10.185 | 98    | 273627   | 50.82    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 101.64%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 83252    | 45.56    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 91.12%   |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 3.966  | 43    | 8679     | 10.31    | ug/l  | 100      |
| 20) Methylene Chloride      | 4.728  | 84    | 10116    | 7.36     | ug/l  | 97       |
| -----                       |        |       |          |          |       |          |

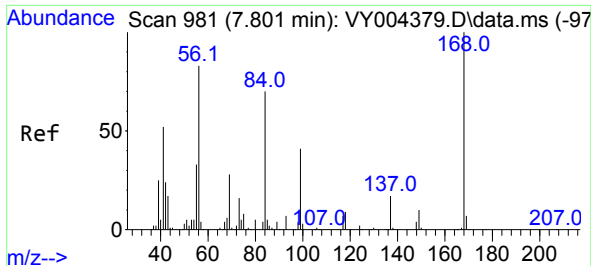
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_Y  
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SEDGWICK-VOC-8

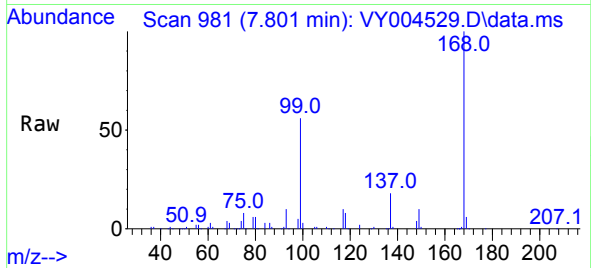
Quant Time: Apr 21 08:51:52 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 13 03:38:02 2021  
Response via : Initial Calibration



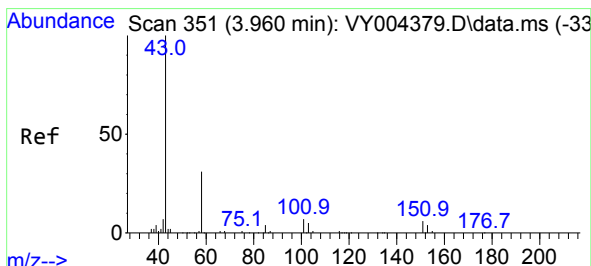
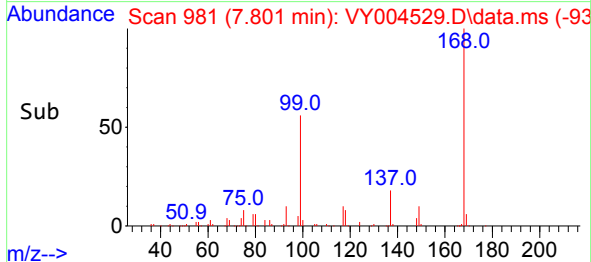
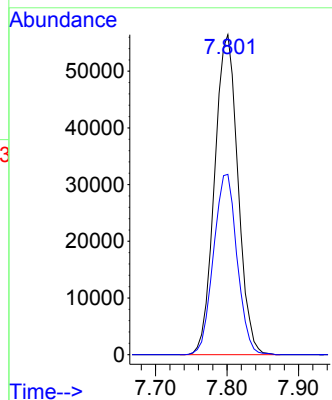


#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004529.D  
Acq: 20 Apr 2021 15:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SEDGWICK-VOC-8

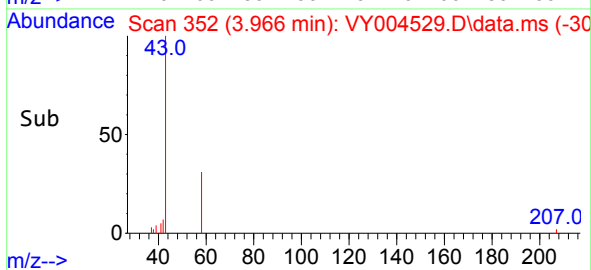
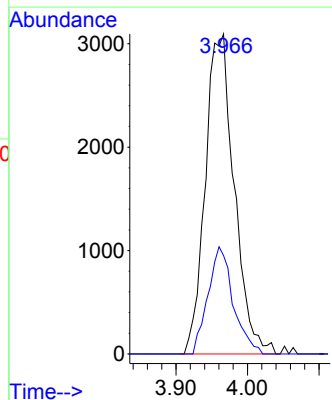
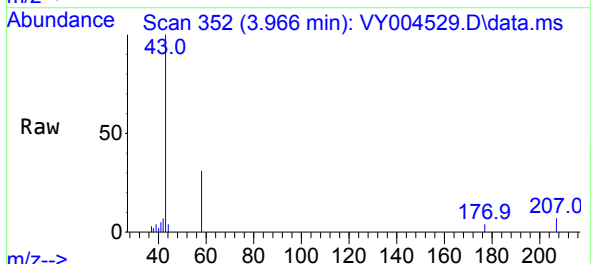


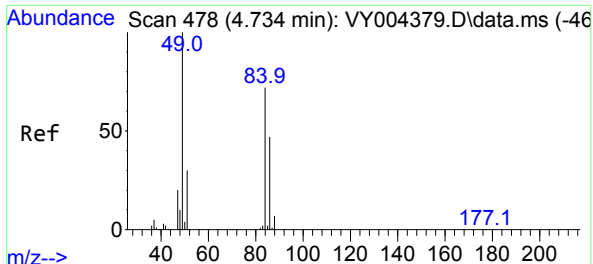
Tgt Ion:168 Resp: 128008  
Ion Ratio Lower Upper  
168 100  
99 56.3 45.5 68.3



#16  
Acetone  
Concen: 10.31 ug/l  
RT: 3.966 min Scan# 352  
Delta R.T. 0.006 min  
Lab File: VY004529.D  
Acq: 20 Apr 2021 15:21

Tgt Ion: 43 Resp: 8679  
Ion Ratio Lower Upper  
43 100  
58 30.7 24.6 37.0



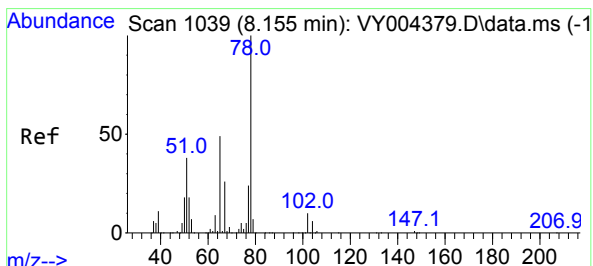
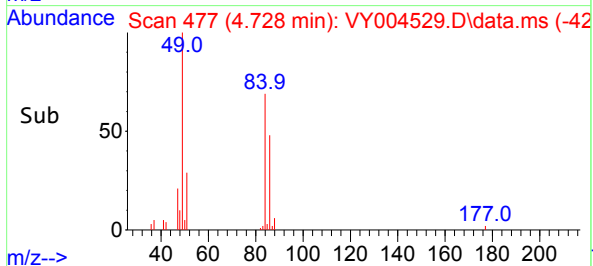
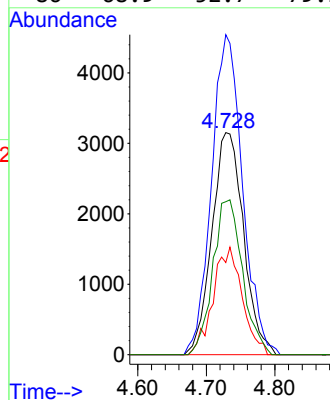
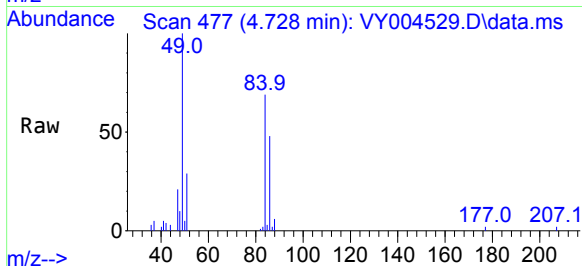


#20  
Methylene Chloride  
Concen: 7.36 ug/l  
RT: 4.728 min Scan# 477  
Delta R.T. -0.006 min  
Lab File: VY004529.D  
Acq: 20 Apr 2021 15:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SEDGWICK-VOC-8

Tgt Ion: 84 Resp: 10116

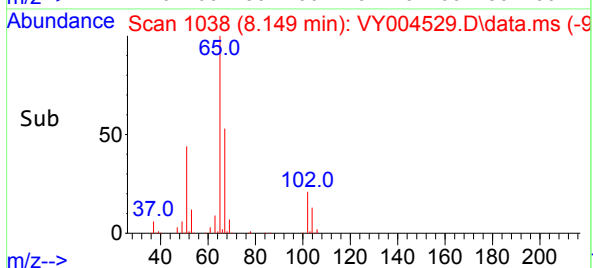
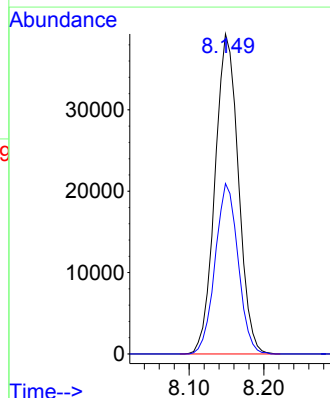
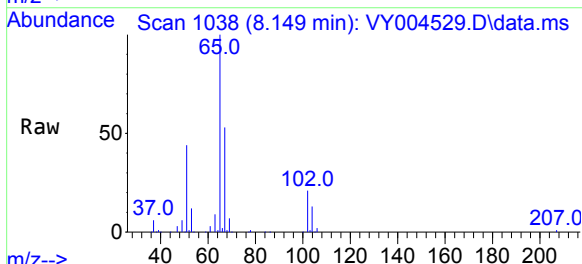
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 144.1 | 111.2 | 166.8 |
| 51  | 41.5  | 33.4  | 50.2  |
| 86  | 68.9  | 52.7  | 79.1  |

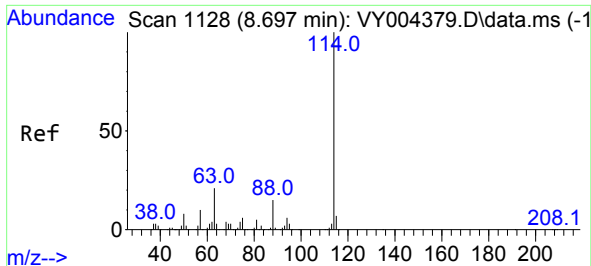


#33  
1,2-Dichloroethane-d4  
Concen: 60.24 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY004529.D  
Acq: 20 Apr 2021 15:21

Tgt Ion: 65 Resp: 85678

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.2  | 0.0   | 106.4 |



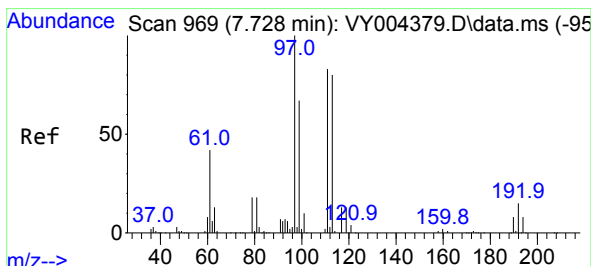
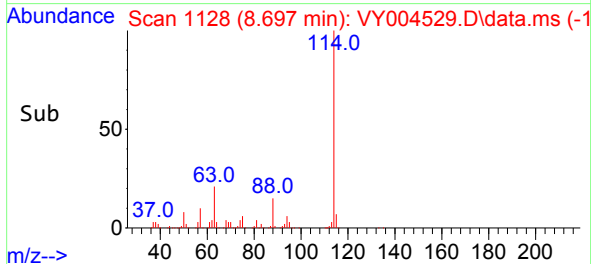
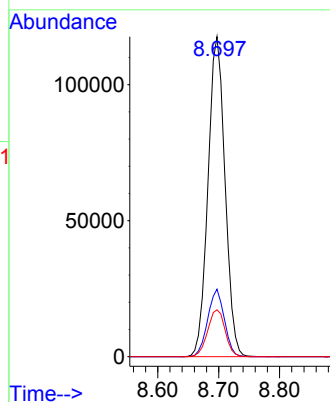
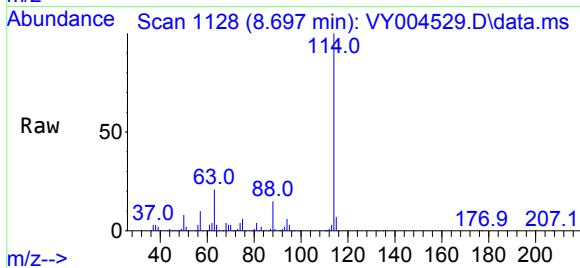


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004529.D  
Acq: 20 Apr 2021 15:21

Instrument :  
MSVOA\_Y  
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SEDGWICK-VOC-8

Tgt Ion:114 Resp: 228101

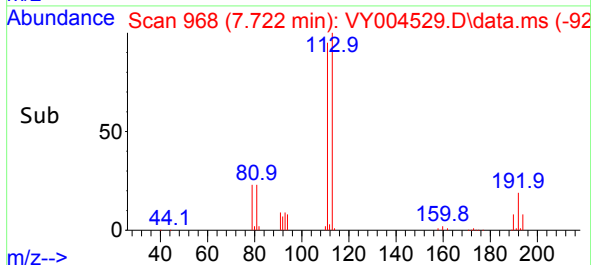
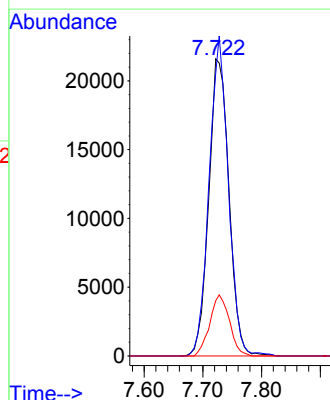
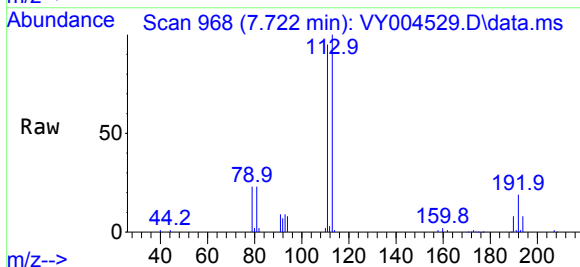
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 21.1  | 0.0   | 42.4  |
| 88  | 14.7  | 0.0   | 30.8  |

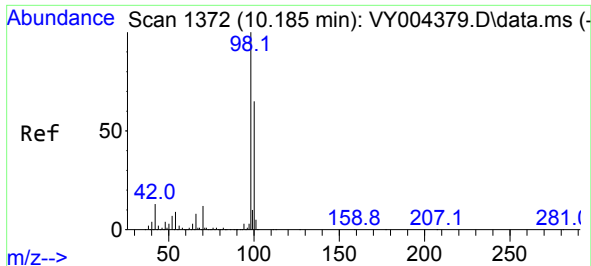


#35  
Dibromofluoromethane  
Concen: 40.83 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY004529.D  
Acq: 20 Apr 2021 15:21

Tgt Ion:113 Resp: 51681

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.3 | 82.6  | 123.8 |
| 192 | 20.0  | 16.1  | 24.1  |

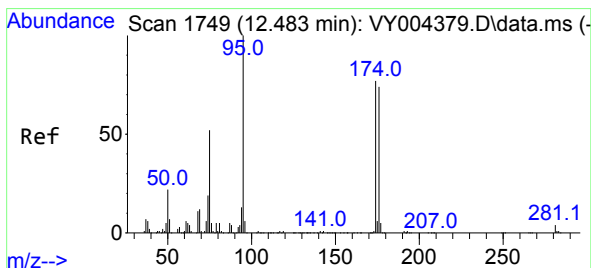
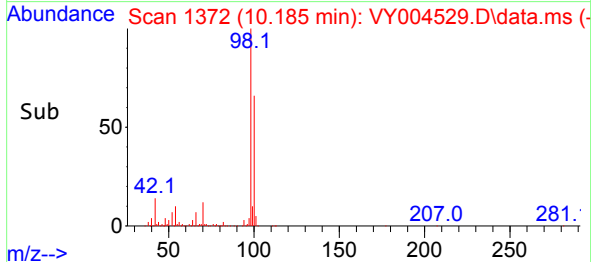
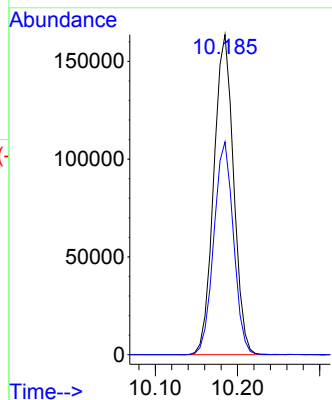
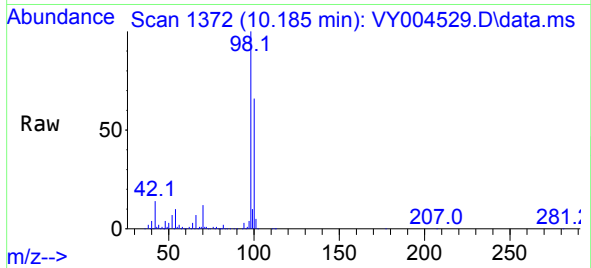




#50  
Toluene-d8  
Concen: 50.82 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004529.D  
Acq: 20 Apr 2021 15:21

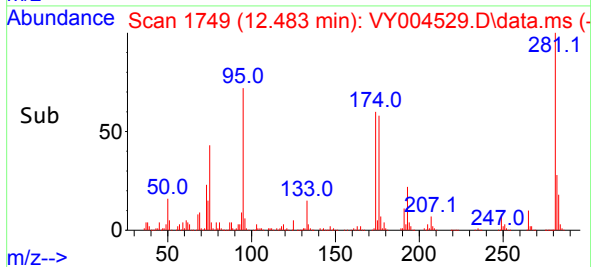
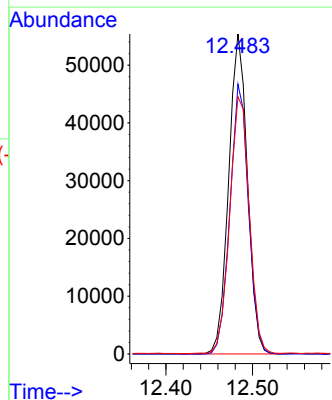
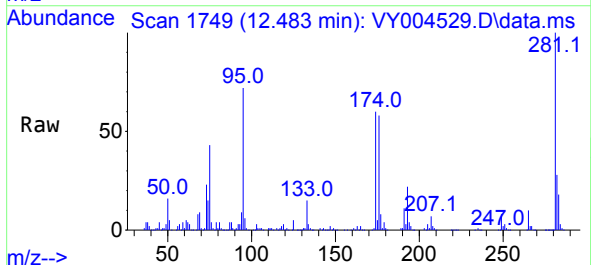
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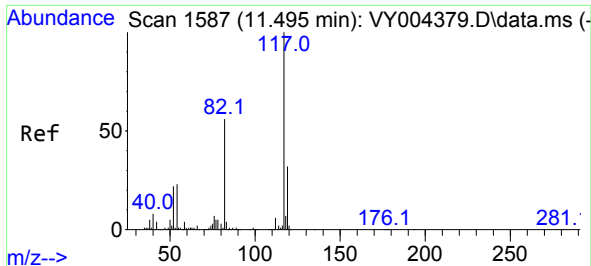
Tgt Ion: 98 Resp: 273627  
Ion Ratio Lower Upper  
98 100  
100 65.9 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 45.56 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004529.D  
Acq: 20 Apr 2021 15:21

Tgt Ion: 95 Resp: 83252  
Ion Ratio Lower Upper  
95 100  
174 83.5 0.0 162.4  
176 83.5 0.0 156.0



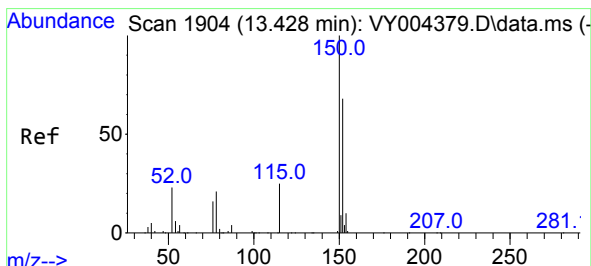
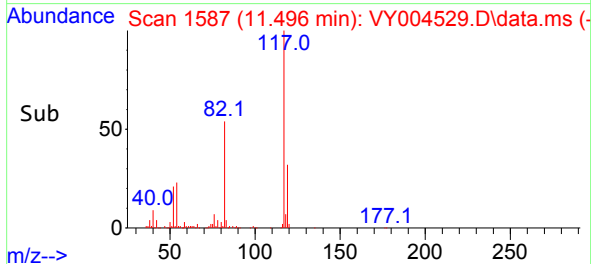
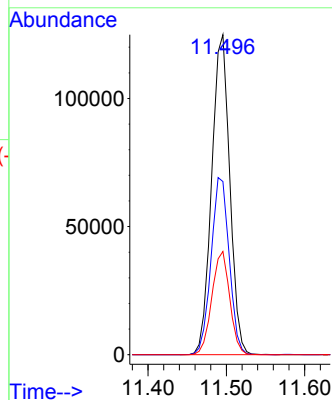
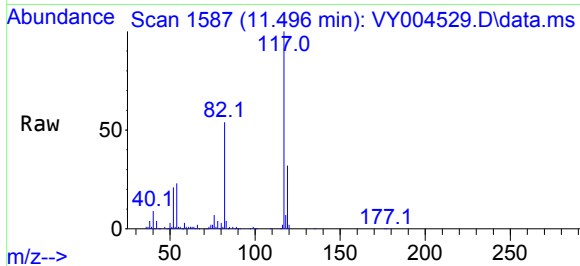


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY004529.D  
Acq: 20 Apr 2021 15:21

Instrument :  
MSVOA\_Y  
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SEDGWICK-VOC-8

Tgt Ion:117 Resp: 200132

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 54.1  | 44.9  | 67.3  |
| 119 | 32.3  | 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: VY004529.D  
Acq: 20 Apr 2021 15:21

Tgt Ion:152 Resp: 71016

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 59.1  | 29.6  | 88.8  |
| 150 | 157.0 | 0.0   | 348.4 |

