

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
 Data File : VX021600.D  
 Acq On : 30 Mar 2021 01:03  
 Operator : JC/MD  
 Sample : M1843-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW179D2-20210324

Quant Time: Mar 30 05:22:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 24 12:25:26 2021  
 Response via : Initial Calibration

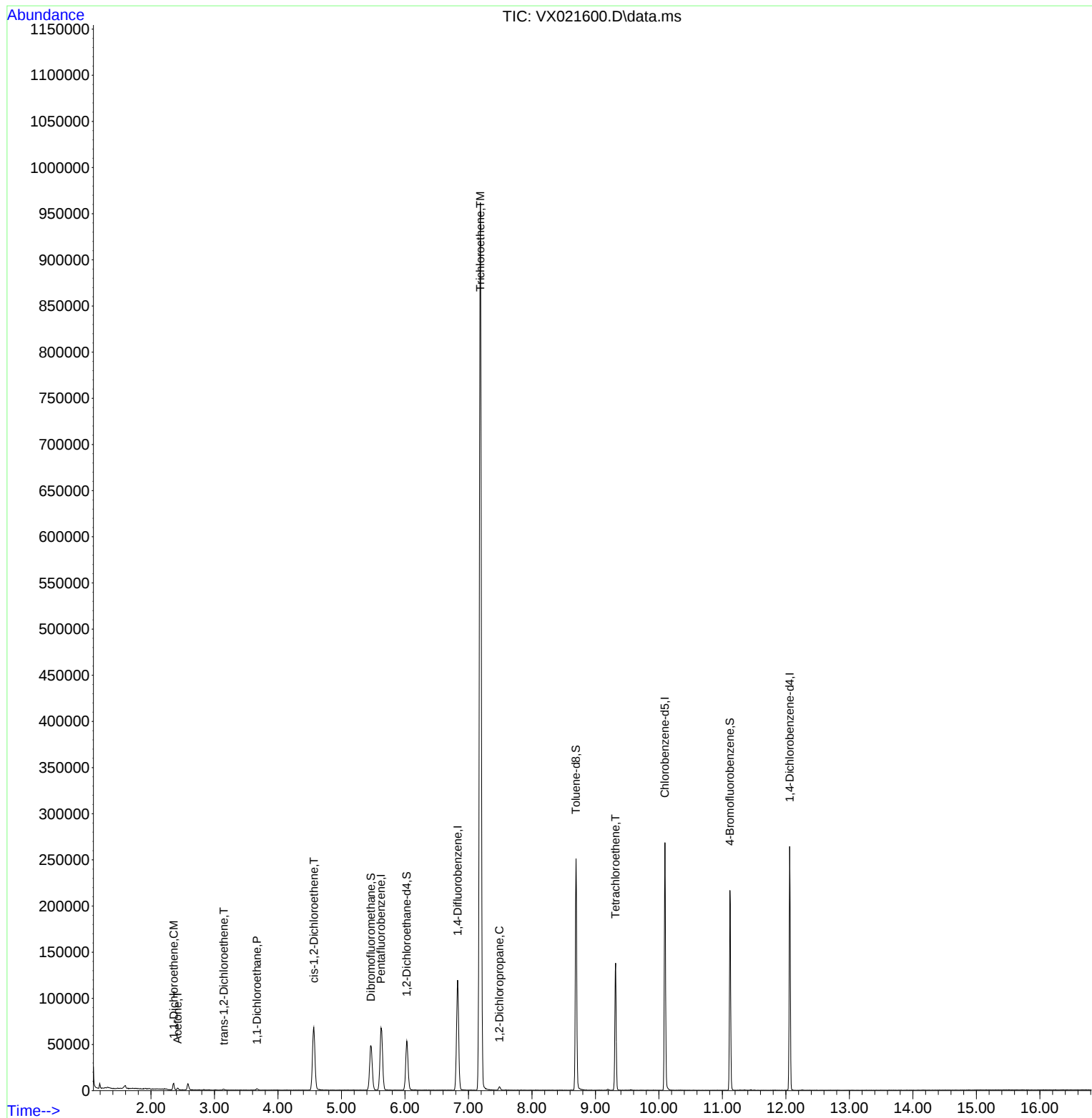
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.623  | 168   | 60062    | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.829  | 114   | 109758   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.094 | 117   | 109587   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.059 | 152   | 47697    | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 6.029  | 65    | 52255    | 52.29    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 104.58%  |
| 35) Dibromofluoromethane     | 5.464  | 113   | 39839    | 51.10    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 102.20%  |
| 50) Toluene-d8               | 8.694  | 98    | 139396   | 50.17    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 100.34%  |
| 62) 4-Bromofluorobenzene     | 11.118 | 95    | 55964    | 51.81    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 103.62%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene       | 2.358  | 96    | 2285     | 3.77     | ug/l   | 95       |
| 16) Acetone                  | 2.417  | 43    | 2138     | 5.66     | ug/l # | 83       |
| 21) trans-1,2-Dichloroethene | 3.146  | 96    | 402      | 0.60     | ug/l   | 89       |
| 24) 1,1-Dichloroethane       | 3.670  | 63    | 1697     | 1.32     | ug/l # | 81       |
| 27) cis-1,2-Dichloroethene   | 4.564  | 96    | 40847    | 52.91    | ug/l   | 98       |
| 44) Trichloroethene          | 7.188  | 130   | 340319   | 422.29   | ug/l   | 98       |
| 45) 1,2-Dichloropropane      | 7.488  | 63    | 1292     | 1.56     | ug/l   | 90       |
| 64) Tetrachloroethene        | 9.318  | 164   | 24042    | 32.75    | ug/l   | 96       |
| -----                        |        |       |          |          |        |          |

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

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ALS Vial : 40 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 24 12:25:26 2021  
Response via : Initial Calibration

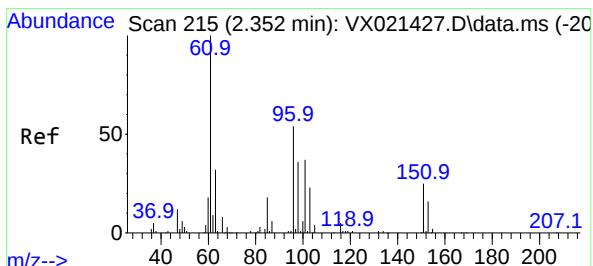
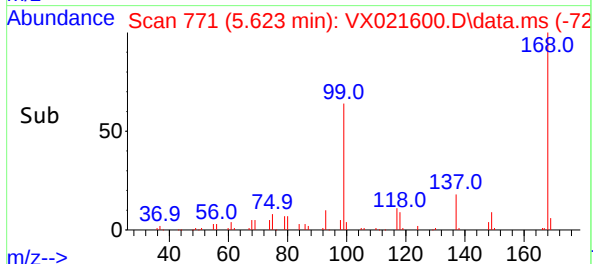
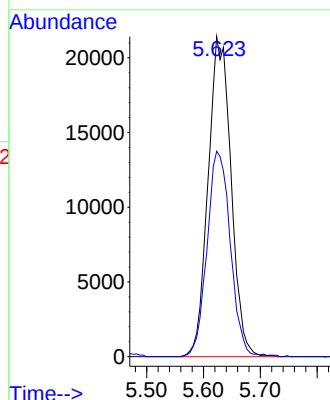
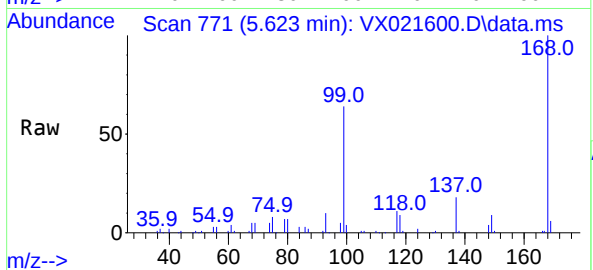




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.623 min Scan# 771  
Delta R.T. -0.006 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

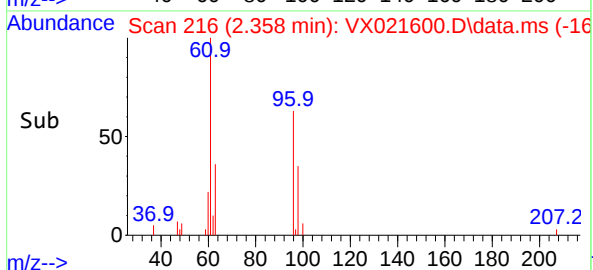
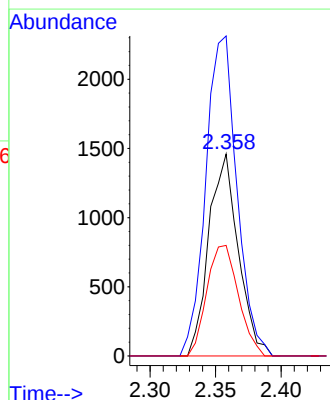
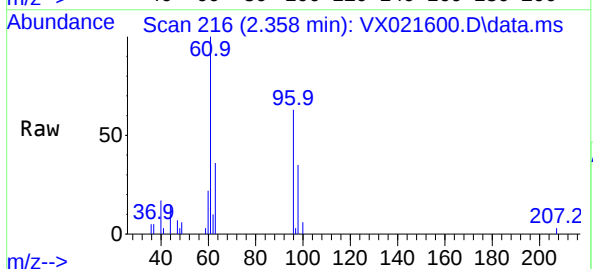
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MSVOA\_X  
ClientSampleId :  
MW179D2-20210324

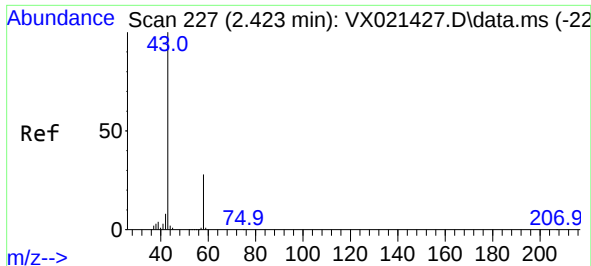
Tgt Ion:168 Resp: 60062  
Ion Ratio Lower Upper  
168 100  
99 64.2 45.8 68.6



#12  
1,1-Dichloroethene  
Concen: 3.77 ug/l  
RT: 2.358 min Scan# 216  
Delta R.T. 0.006 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

Tgt Ion: 96 Resp: 2285  
Ion Ratio Lower Upper  
96 100  
61 158.4 124.6 187.0  
98 54.8 50.6 76.0

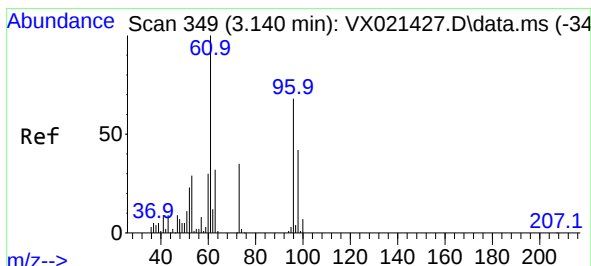
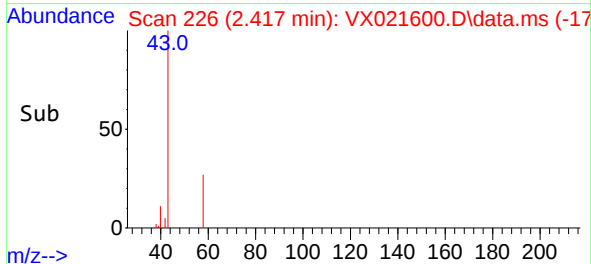
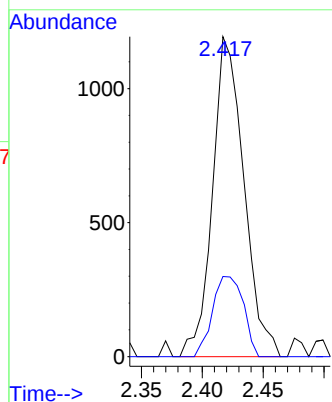
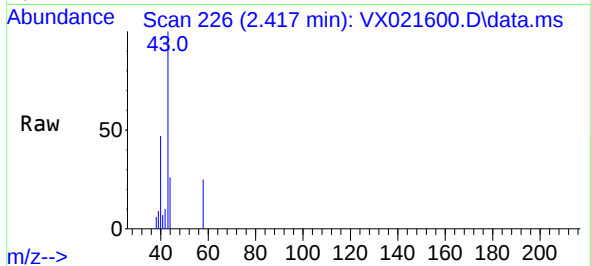




#16  
Acetone  
Concen: 5.66 ug/l  
RT: 2.417 min Scan# 226  
Delta R.T. -0.006 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

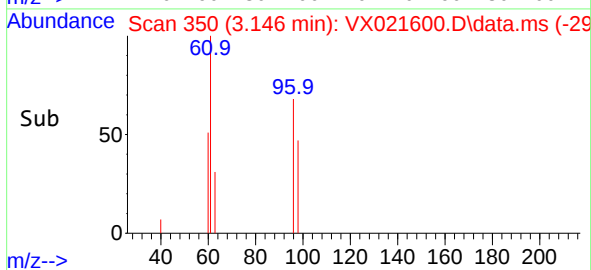
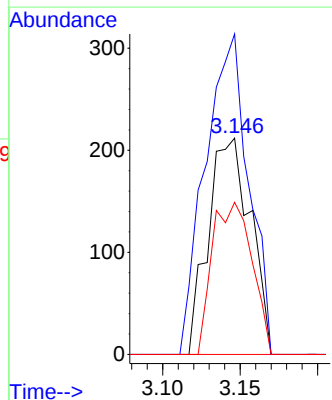
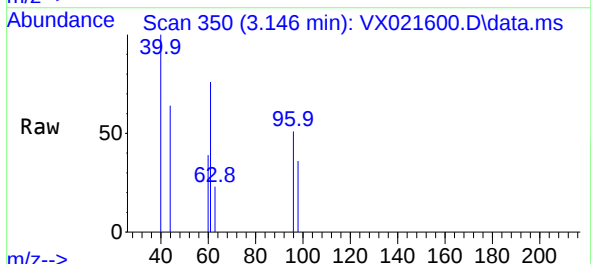
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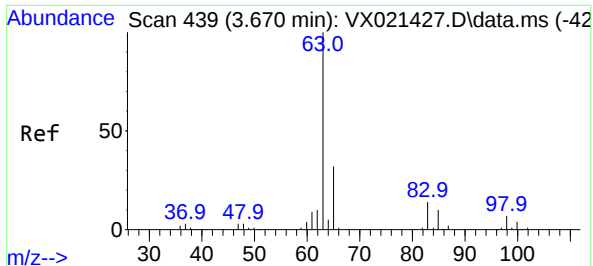
Tgt Ion: 43 Resp: 2138  
Ion Ratio Lower Upper  
43 100  
58 25.0 27.8 41.8#



#21  
trans-1,2-Dichloroethene  
Concen: 0.60 ug/l  
RT: 3.146 min Scan# 350  
Delta R.T. 0.006 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

Tgt Ion: 96 Resp: 402  
Ion Ratio Lower Upper  
96 100  
61 148.1 107.7 161.5  
98 70.3 50.4 75.6

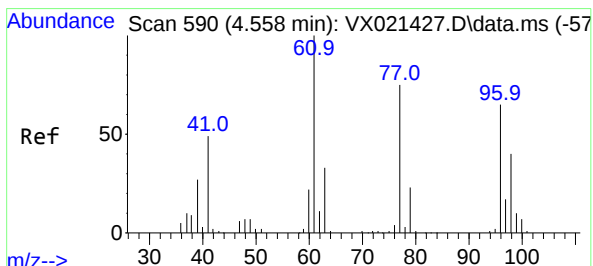
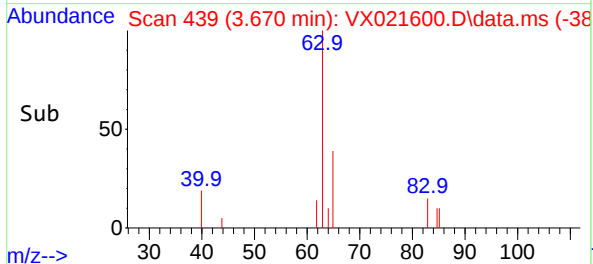
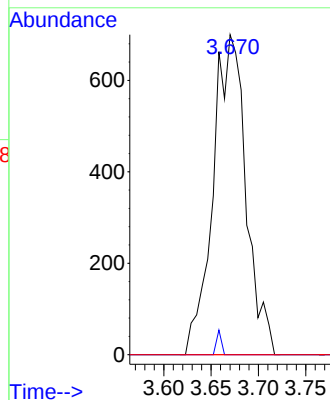
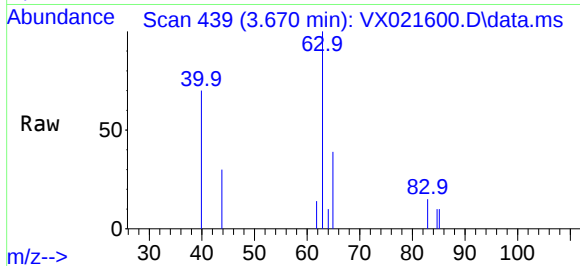




#24  
1,1-Dichloroethane  
Concen: 1.32 ug/l  
RT: 3.670 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

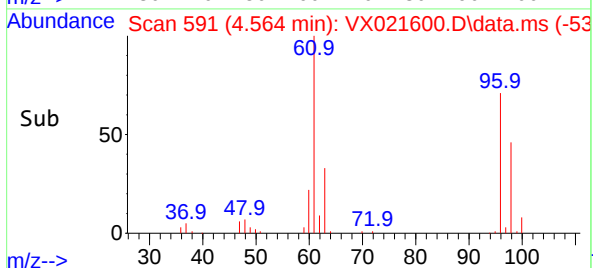
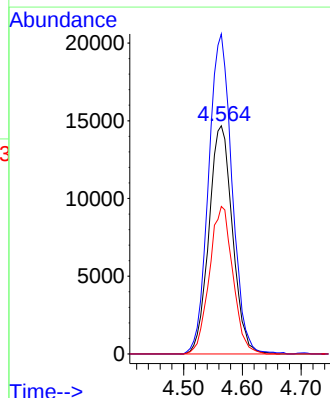
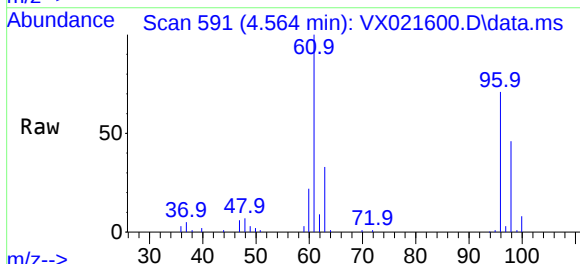
Instrument :  
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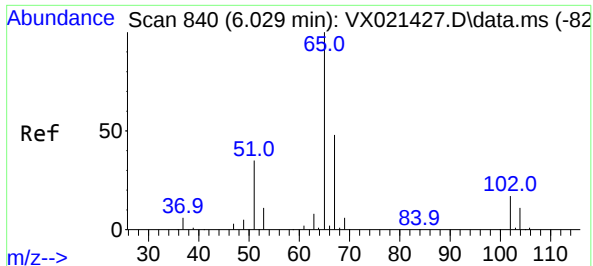
Tgt Ion: 63 Resp: 1697  
Ion Ratio Lower Upper  
63 100  
98 0.0 3.8 11.2#  
100 0.0 2.5 7.5#



#27  
cis-1,2-Dichloroethene  
Concen: 52.91 ug/l  
RT: 4.564 min Scan# 591  
Delta R.T. 0.006 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

Tgt Ion: 96 Resp: 40847  
Ion Ratio Lower Upper  
96 100  
61 139.4 0.0 285.6  
98 64.3 0.0 129.6

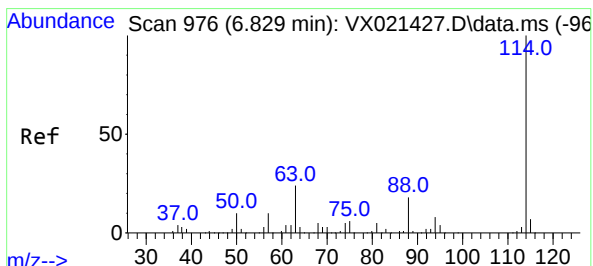
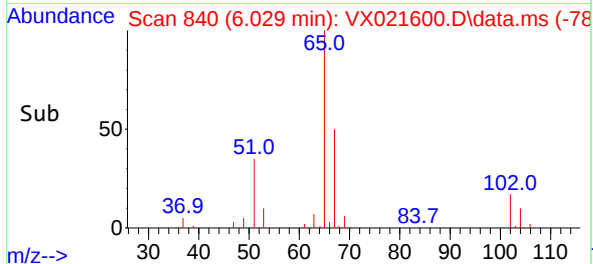
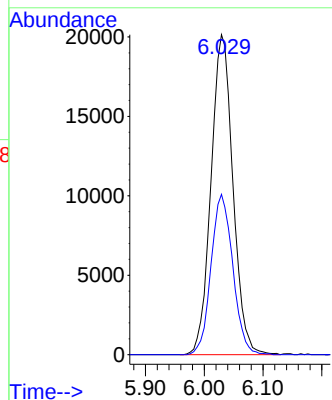
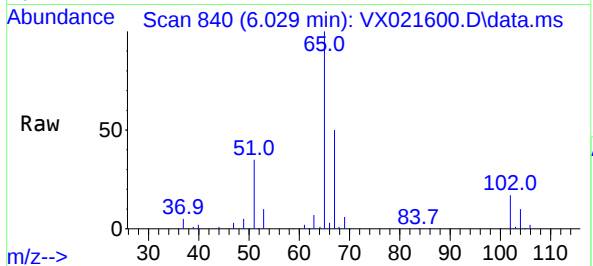




#33  
1,2-Dichloroethane-d4  
Concen: 52.29 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

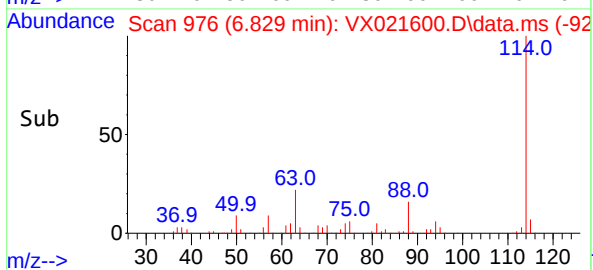
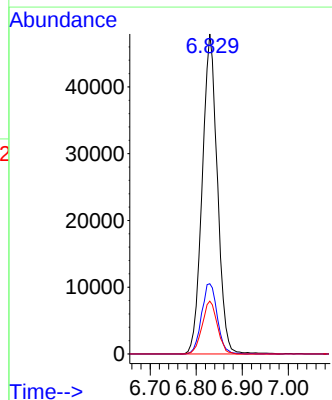
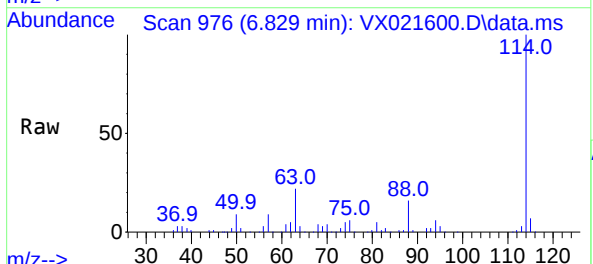
Instrument :  
MSVOA\_X  
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MW179D2-20210324

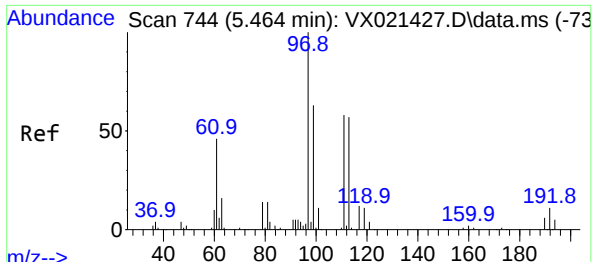
Tgt Ion: 65 Resp: 52255  
Ion Ratio Lower Upper  
65 100  
67 49.7 0.0 105.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

Tgt Ion: 114 Resp: 109758  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 40.8  
88 16.5 0.0 32.8

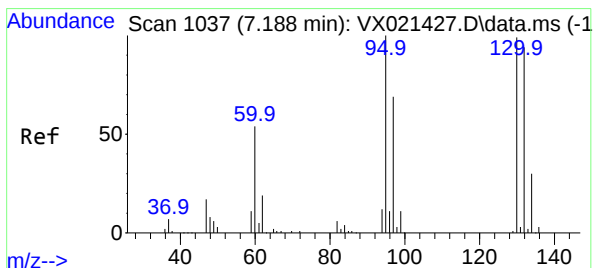
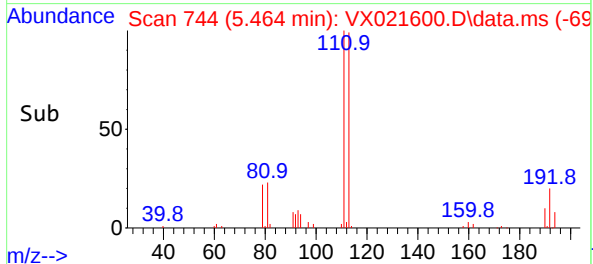
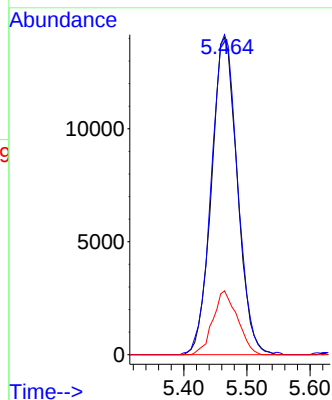
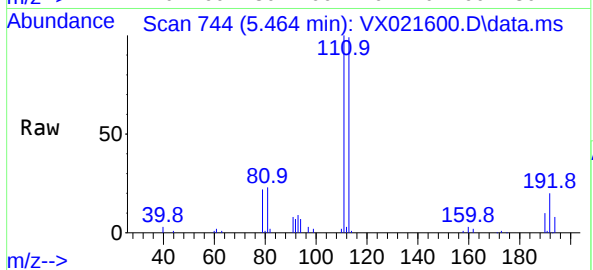




#35  
Dibromofluoromethane  
Concen: 51.10 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

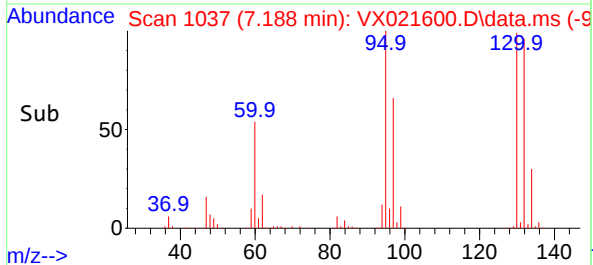
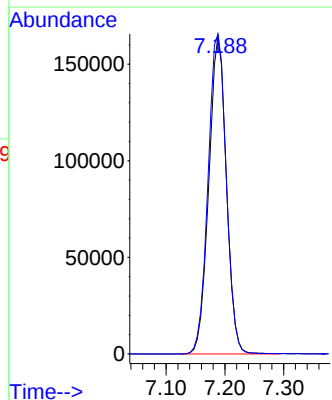
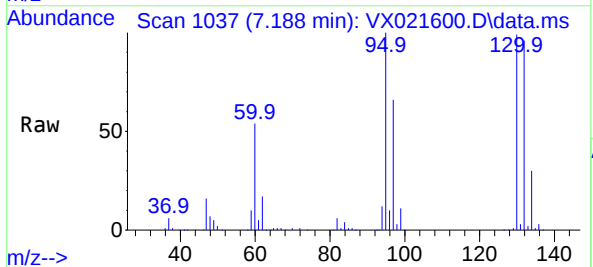
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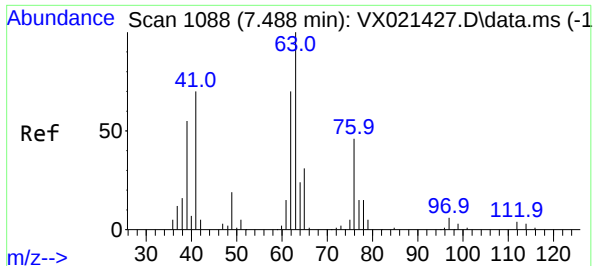
Tgt Ion:113 Resp: 39839  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.9 122.9  
192 19.1 16.7 25.1



#44  
Trichloroethene  
Concen: 422.29 ug/l  
RT: 7.188 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

Tgt Ion:130 Resp: 340319  
Ion Ratio Lower Upper  
130 100  
95 100.7 0.0 198.0

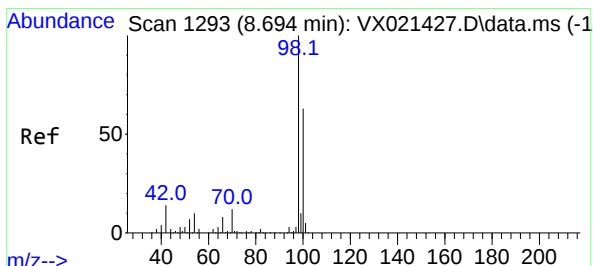
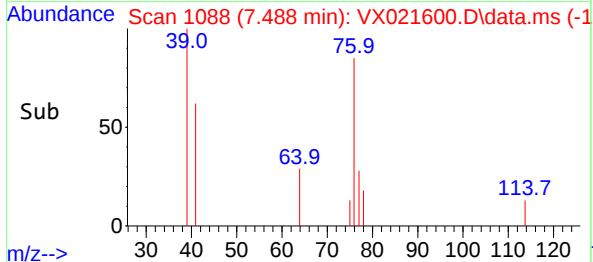
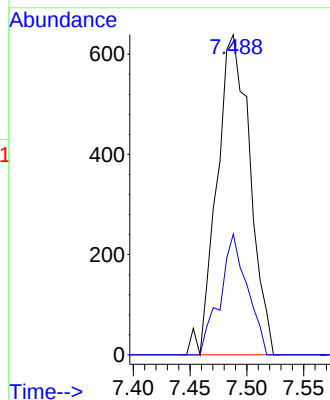
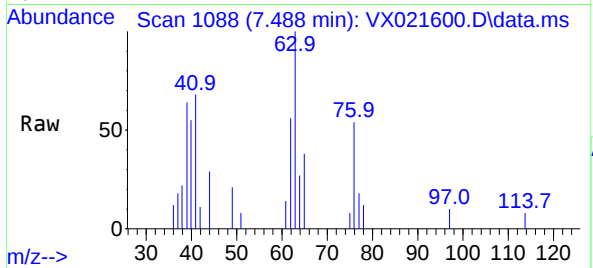




#45  
1,2-Dichloropropane  
Concen: 1.56 ug/l  
RT: 7.488 min Scan# 1088  
Delta R.T. 0.000 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

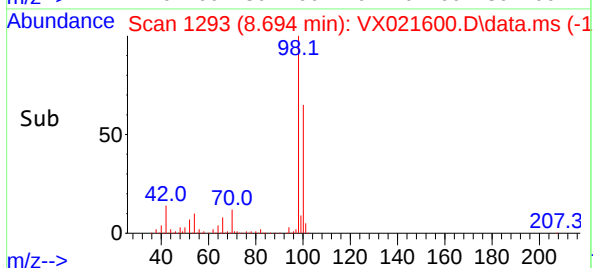
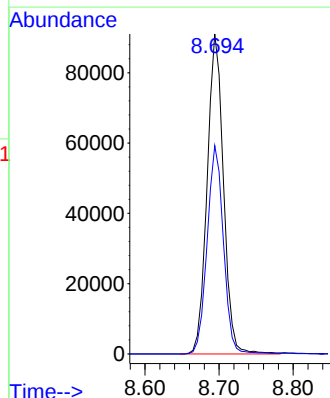
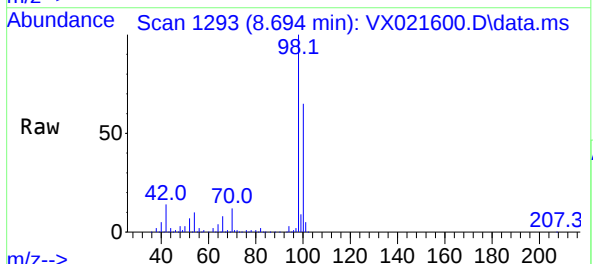
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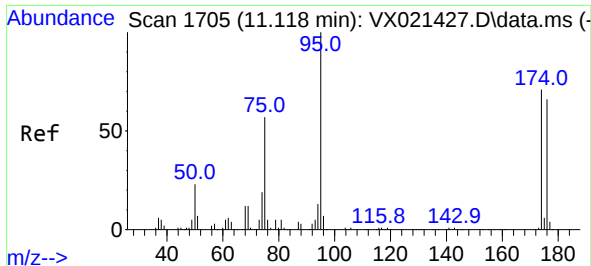
Tgt Ion: 63 Resp: 1292  
Ion Ratio Lower Upper  
63 100  
65 37.7 25.7 38.5



#50  
Toluene-d8  
Concen: 50.17 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

Tgt Ion: 98 Resp: 139396  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.9 77.9

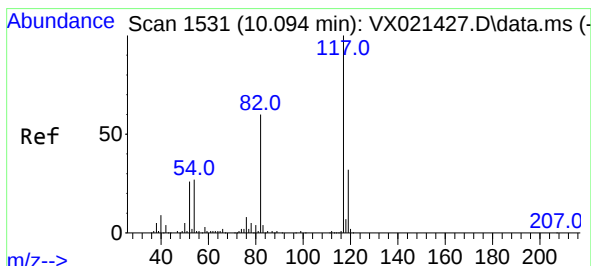
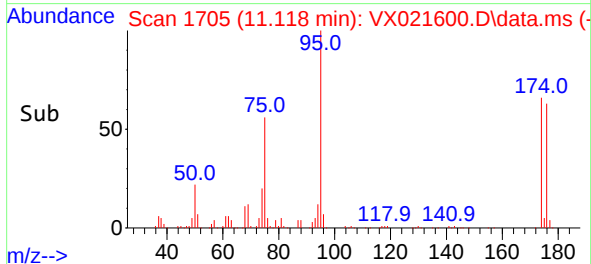
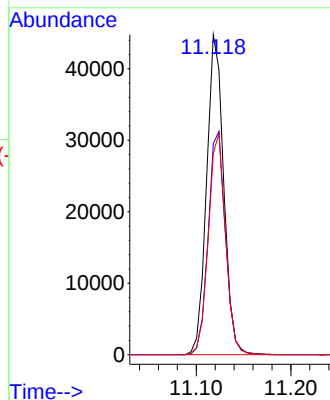
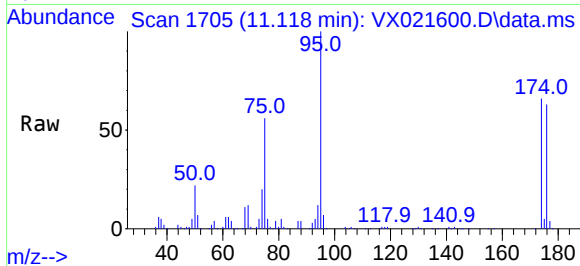




#62  
4-Bromofluorobenzene  
Concen: 51.81 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. 0.000 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

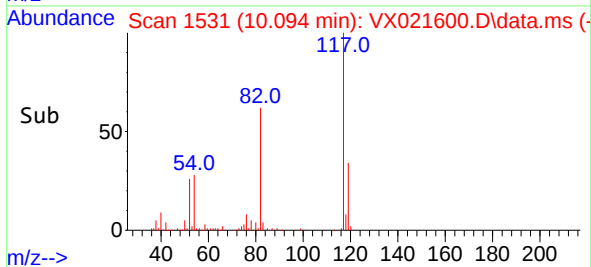
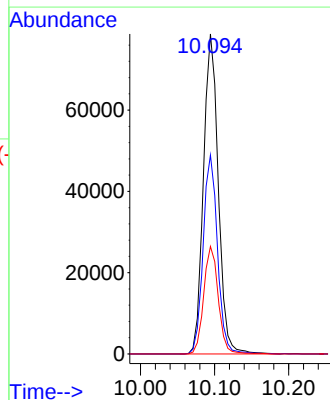
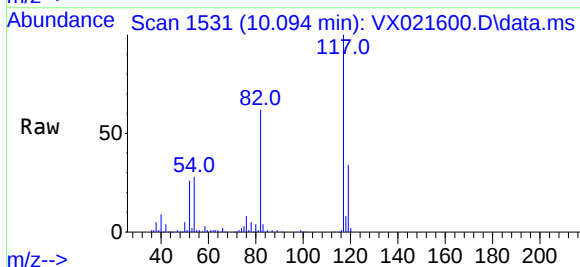
Instrument :  
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ClientSampleId :  
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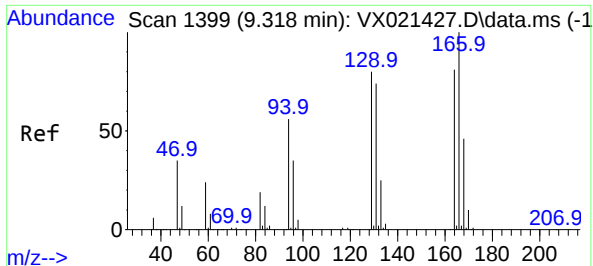
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 55964 |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 70.7  | 0.0   | 154.6 |
| 176       | 69.2  | 0.0   | 155.8 |



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 109587 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 62.2  | 47.4  | 71.2   |
| 119       | 33.6  | 26.6  | 39.8   |



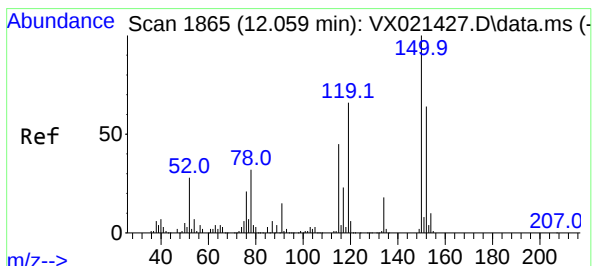
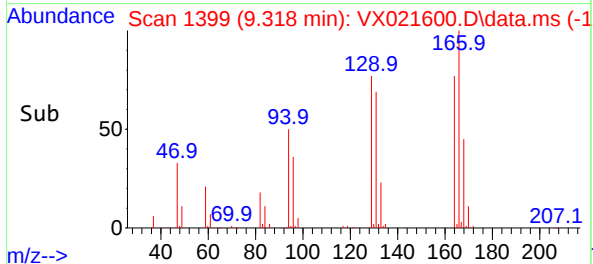
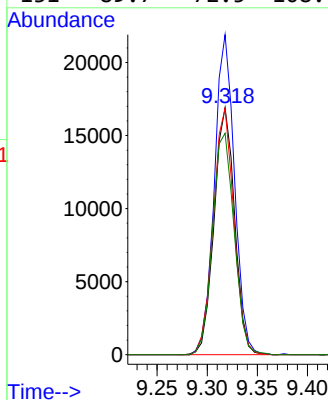
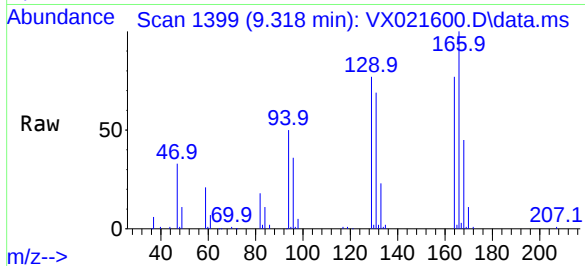


#64  
Tetrachloroethene  
Concen: 32.75 ug/l  
RT: 9.318 min Scan# 1399  
Delta R.T. -0.000 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW179D2-20210324

Tgt Ion:164 Resp: 24042

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 129.6 | 103.4 | 155.2 |
| 129 | 99.8  | 70.8  | 106.2 |
| 131 | 89.7  | 72.5  | 108.7 |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.059 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VX021600.D  
Acq: 30 Mar 2021 01:03

Tgt Ion:152 Resp: 47697

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 63.3  | 41.1  | 123.3 |
| 150 | 161.5 | 0.0   | 349.0 |

