

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060321\  
 Data File : VX022368.D  
 Acq On : 03 Jun 2021 16:00  
 Operator : JC/MD  
 Sample : M2567-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jun 04 03:52:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

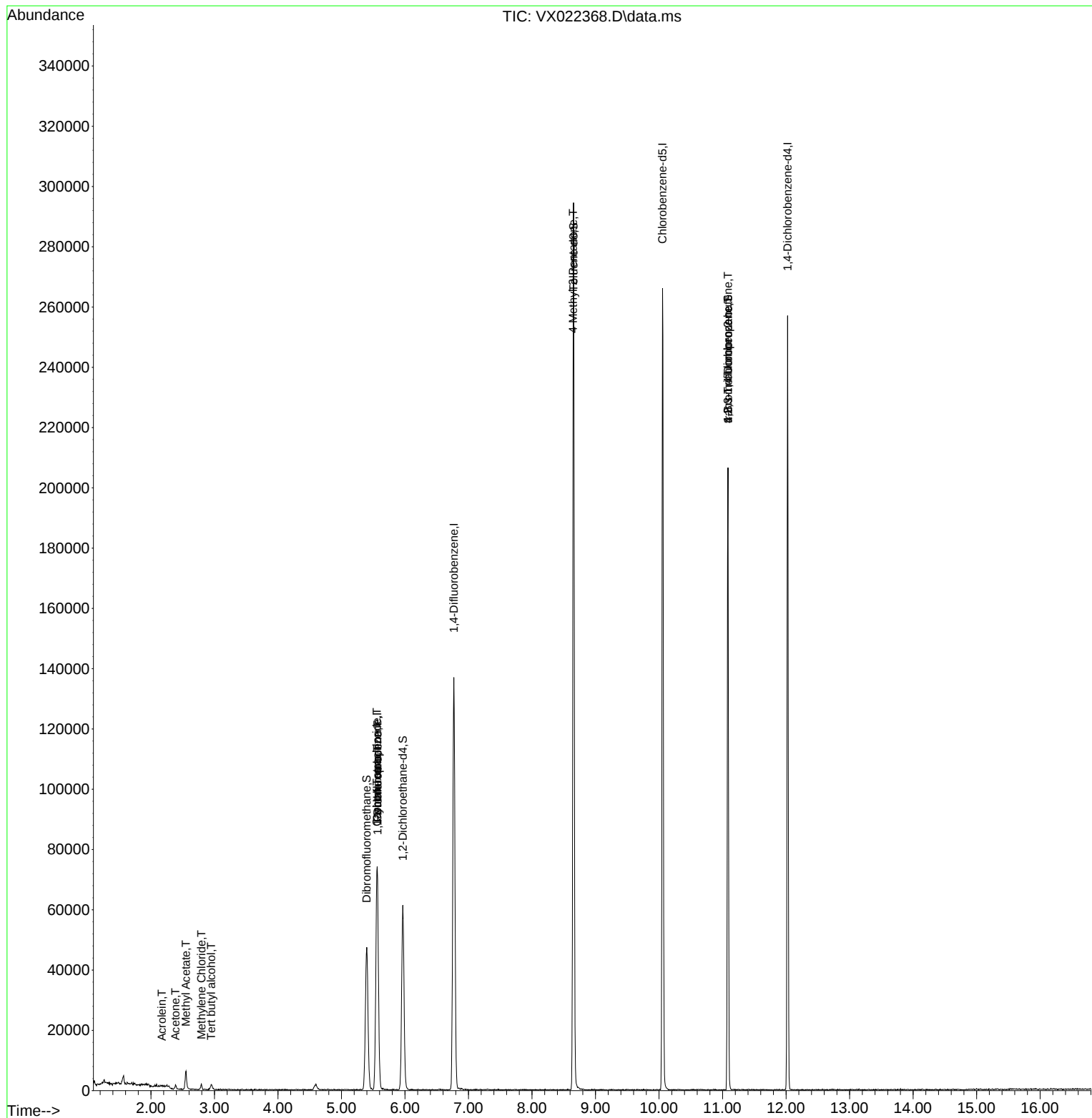
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) Pentafluorobenzene         | 5.562  | 168   | 62050    | 50.00    | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.769  | 114   | 136111   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 118130   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 45490    | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4     | 5.964  | 65    | 55386    | 57.86    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =     | 115.72%  |
| 35) Dibromofluoromethane      | 5.397  | 113   | 40302    | 46.69    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =     | 93.38%   |
| 50) Toluene-d8                | 8.653  | 98    | 164579   | 49.50    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =     | 99.00%   |
| 62) 4-Bromofluorobenzene      | 11.085 | 95    | 55451    | 45.12    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =     | 90.24%   |
| Target Compounds              |        |       |          |          |       |          |
|                               |        |       |          |          |       | Qvalue   |
| 11) Tert butyl alcohol        | 2.947  | 59    | 1195     | 5.46     | ug/l  | # 73     |
| 13) Acrolein                  | 2.172  | 56    | 43       | 0.30     | ug/l  | # 14     |
| 16) Acetone                   | 2.386  | 43    | 1346     | 3.23     | ug/l  | # 82     |
| 18) Methyl Acetate            | 2.550  | 43    | 1894     | 1.71     | ug/l  | # 47     |
| 20) Methylene Chloride        | 2.794  | 84    | 700      | 0.76     | ug/l  | # 77     |
| 31) Cyclohexane               | 5.562  | 56    | 1889     | 1.57     | ug/l  | # 26     |
| 36) 1,1-Dichloropropene       | 5.568  | 75    | 6212     | 4.94     | ug/l  | # 48     |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 7657     | 6.22     | ug/l  | # 15     |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 841      | 0.56     | ug/l  | # 1      |
| 76) 1,2,3-Trichloropropane    | 11.085 | 75    | 29578    | 26.36    | ug/l  | # 39     |
| 81) trans-1,4-Dichloro-2-b... | 11.085 | 75    | 29578    | 62.45    | ug/l  | # 12     |
| -----                         |        |       |          |          |       |          |

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

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Instrument :  
MSVOA\_X  
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STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jun 04 03:52:01 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 14:23:10 2021  
Response via : Initial Calibration

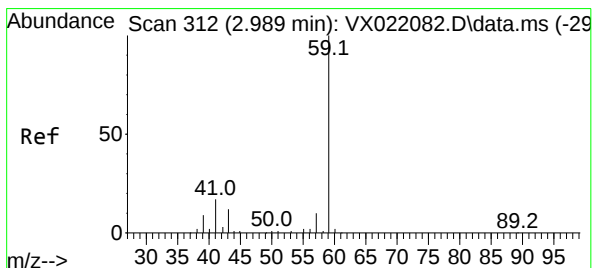
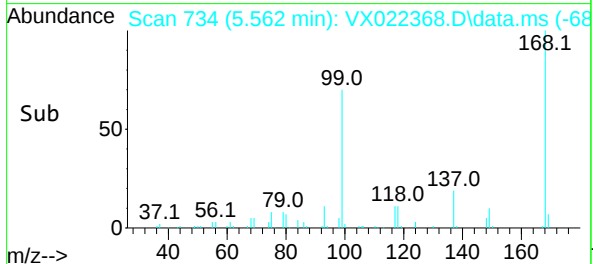
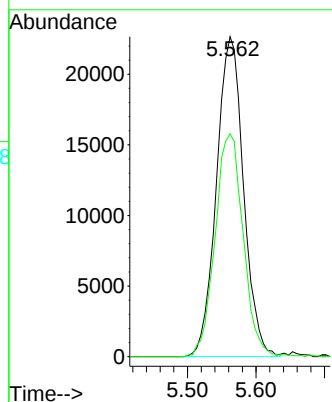
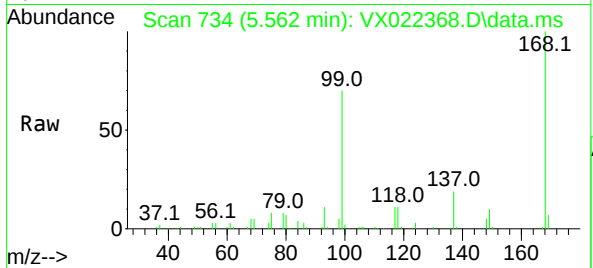




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

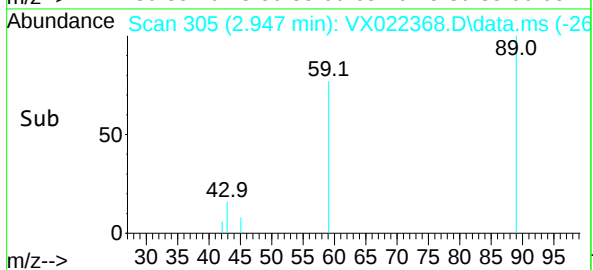
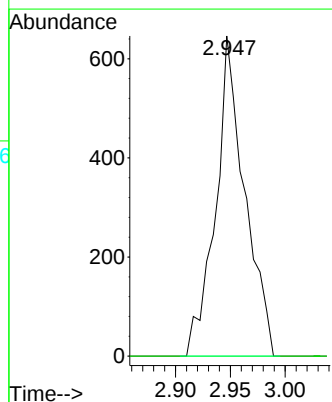
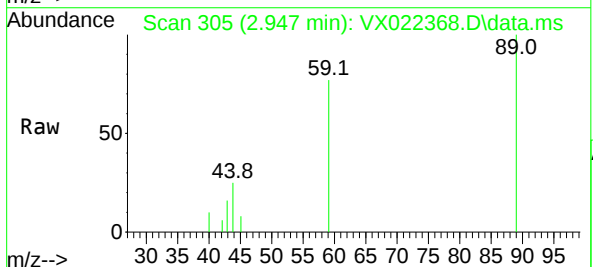
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANA

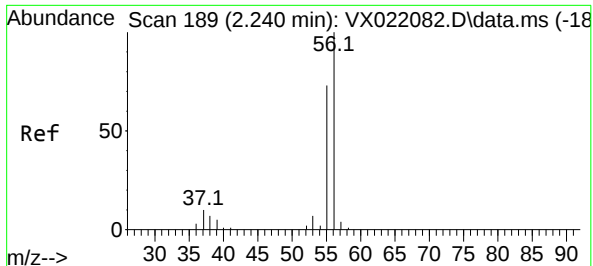
Tgt Ion:168 Resp: 62050  
Ion Ratio Lower Upper  
168 100  
99 69.6 45.8 68.6#



#11  
Tert butyl alcohol  
Concen: 5.46 ug/l  
RT: 2.947 min Scan# 305  
Delta R.T. -0.042 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

Tgt Ion: 59 Resp: 1195  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#

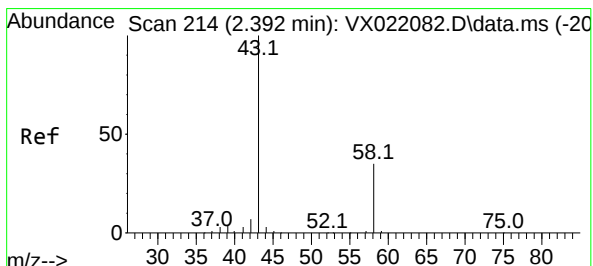
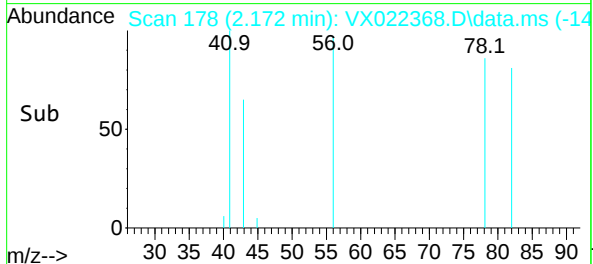
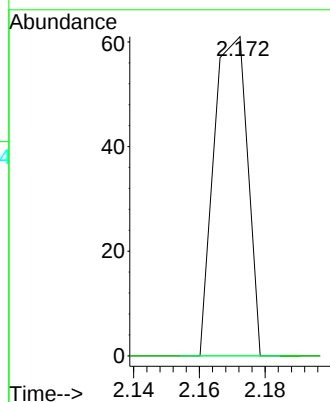
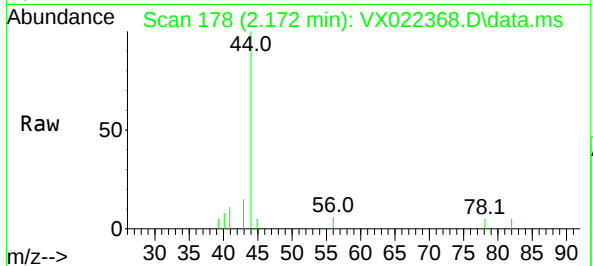




#13  
Acrolein  
Concen: 0.30 ug/l  
RT: 2.172 min Scan# 178  
Delta R.T. -0.068 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

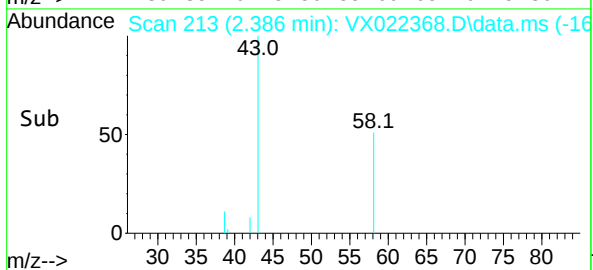
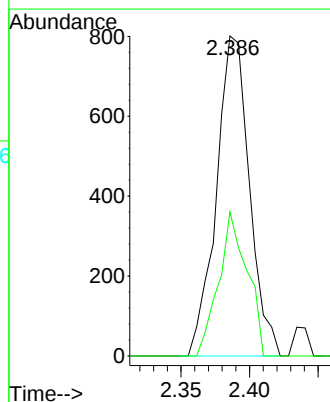
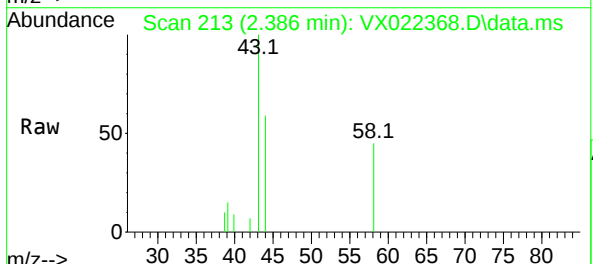
Instrument :  
MSVOA\_X  
ClientSampleId :  
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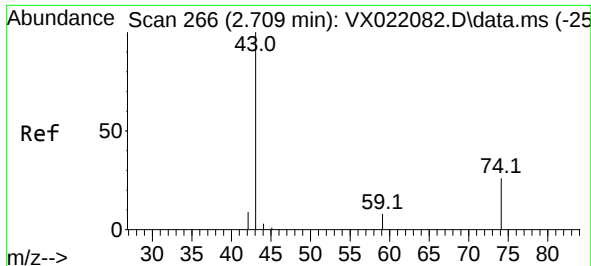
Tgt Ion: 56 Resp: 43  
Ion Ratio Lower Upper  
56 100  
55 0.0 56.4 84.6#



#16  
Acetone  
Concen: 3.23 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

Tgt Ion: 43 Resp: 1346  
Ion Ratio Lower Upper  
43 100  
58 45.1 27.8 41.8#

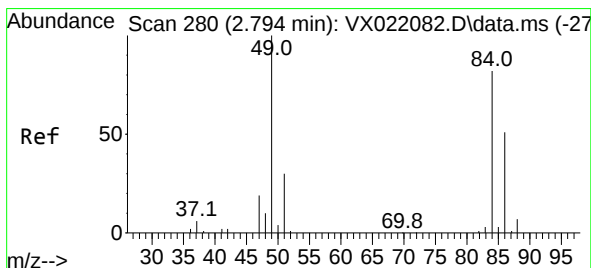
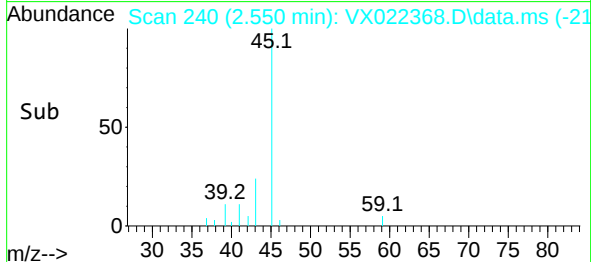
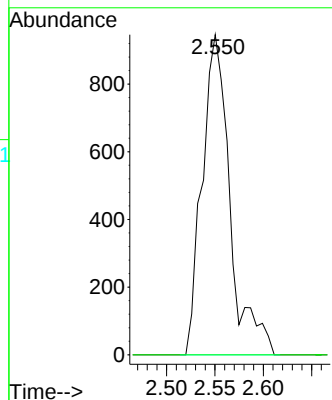
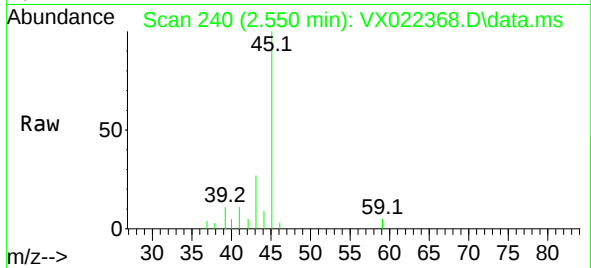




#18  
Methyl Acetate  
Concen: 1.71 ug/l  
RT: 2.550 min Scan# 240  
Delta R.T. -0.159 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

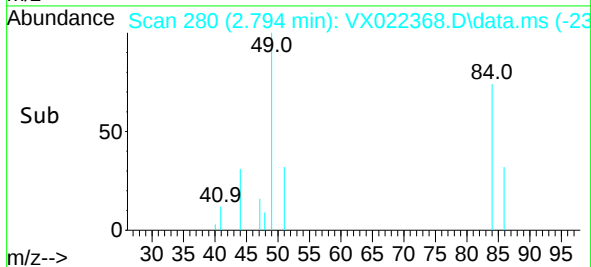
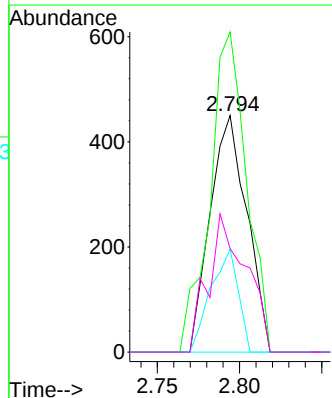
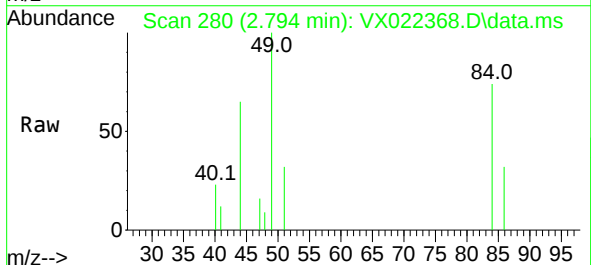
Instrument :  
MSVOA\_X  
ClientSampleId :  
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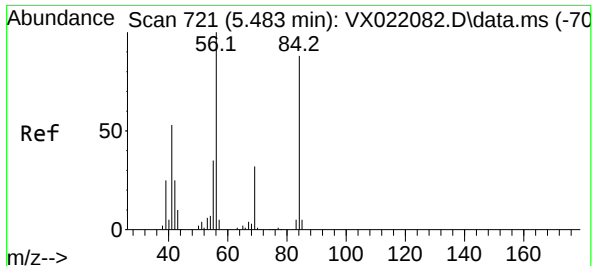
Tgt Ion: 43 Resp: 1894  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.9 32.9#



#20  
Methylene Chloride  
Concen: 0.76 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

Tgt Ion: 84 Resp: 700  
Ion Ratio Lower Upper  
84 100  
49 135.3 88.6 132.8#  
51 43.6 27.0 40.6#  
86 43.8 50.3 75.5#

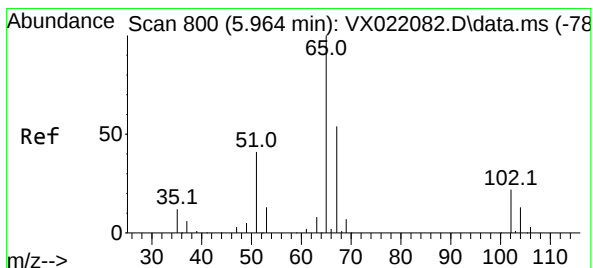
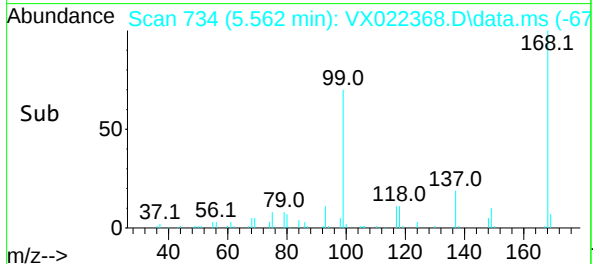
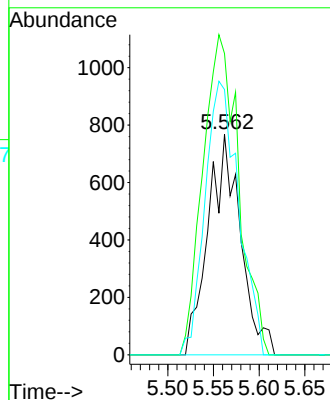
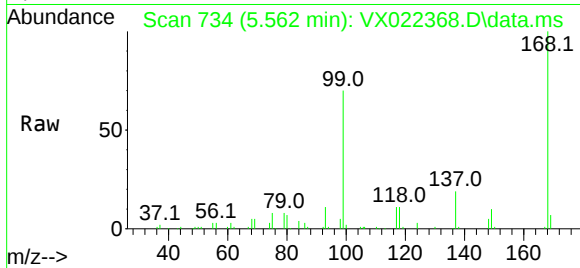




#31  
Cyclohexane  
Concen: 1.57 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.079 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

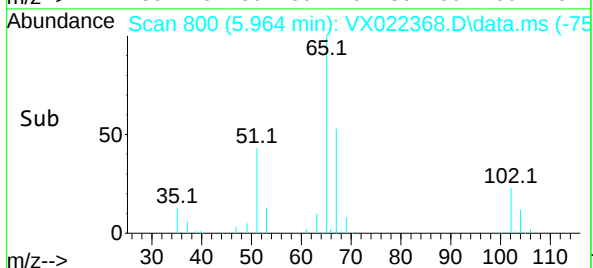
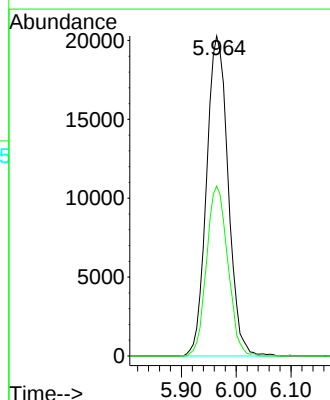
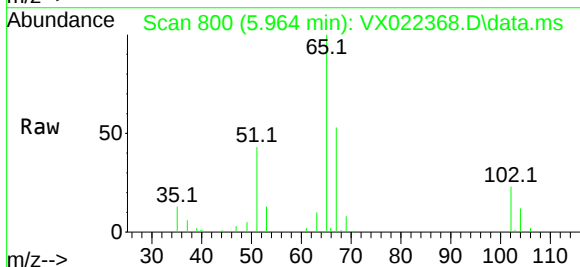
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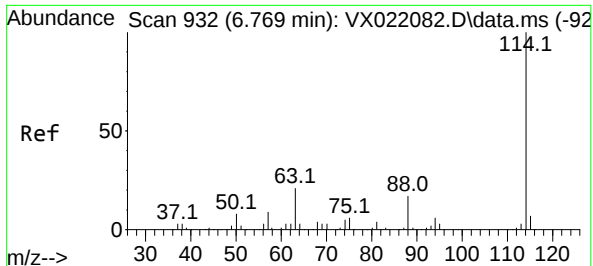
Tgt Ion: 56 Resp: 1889  
Ion Ratio Lower Upper  
56 100  
69 136.6 25.3 37.9#  
84 120.3 71.4 107.0#



#33  
1,2-Dichloroethane-d4  
Concen: 57.86 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

Tgt Ion: 65 Resp: 55386  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 105.4

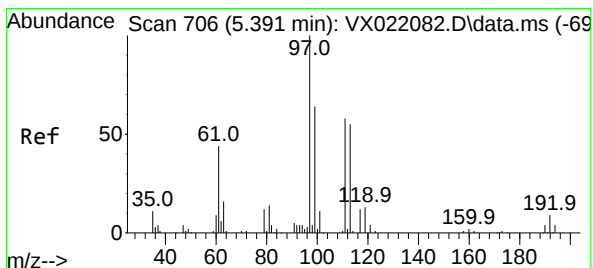
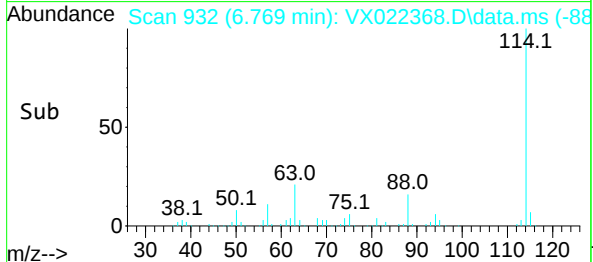
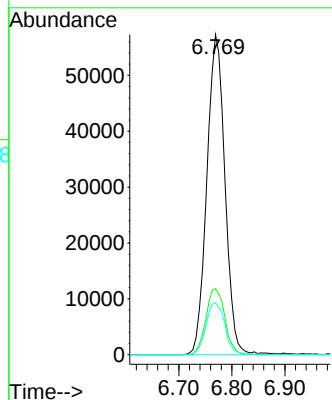
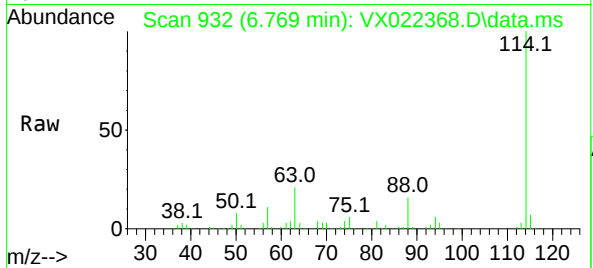




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

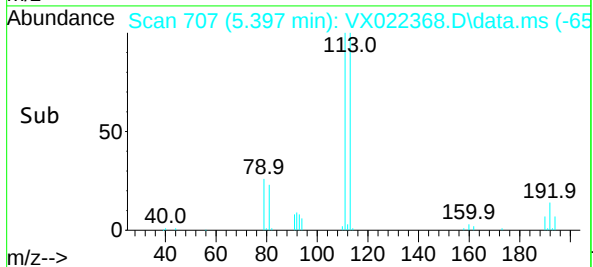
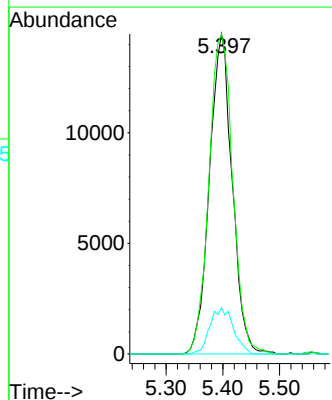
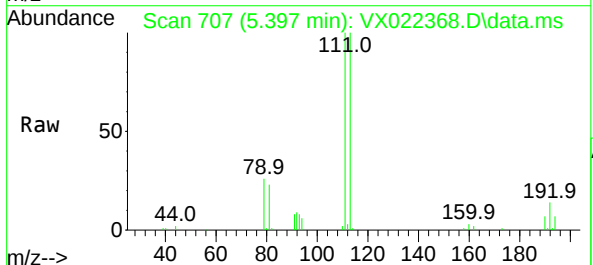
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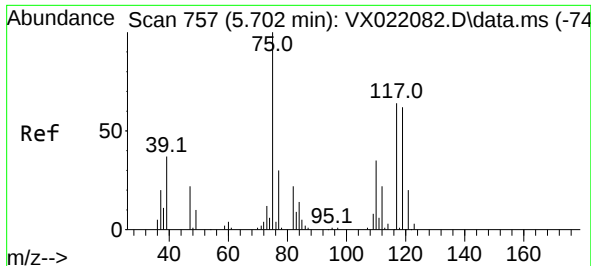
Tgt Ion:114 Resp: 136111  
Ion Ratio Lower Upper  
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63 20.7 0.0 40.8  
88 16.2 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 46.69 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

Tgt Ion:113 Resp: 40302  
Ion Ratio Lower Upper  
113 100  
111 104.9 81.9 122.9  
192 14.9 16.7 25.1#

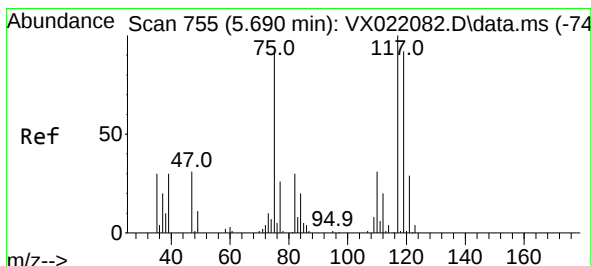
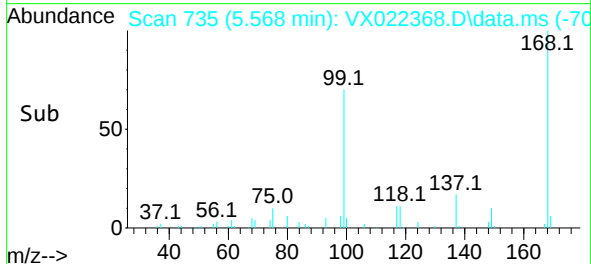
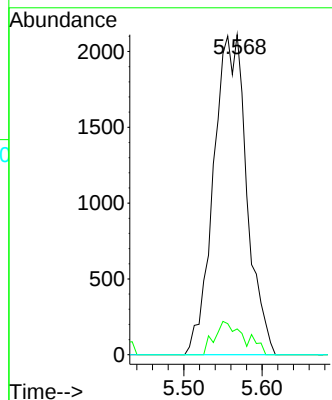
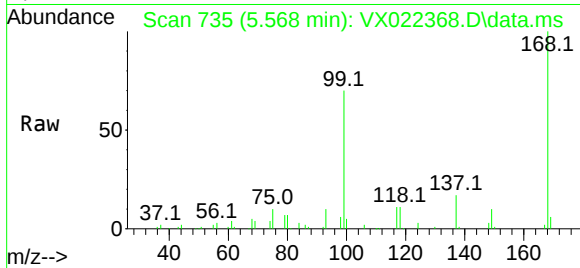




#36  
1,1-Dichloropropene  
Concen: 4.94 ug/l  
RT: 5.568 min Scan# 735  
Delta R.T. -0.134 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

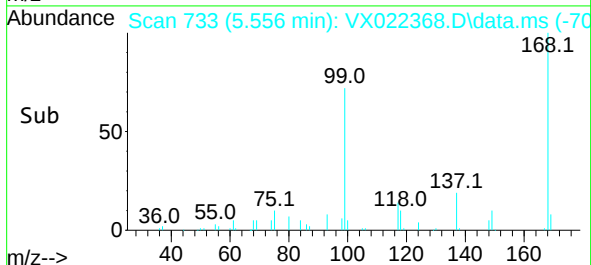
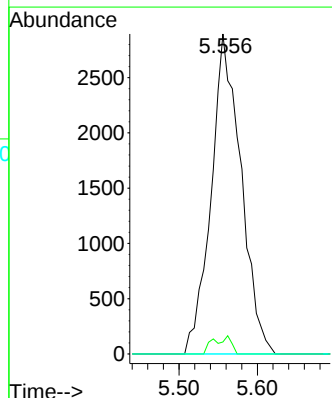
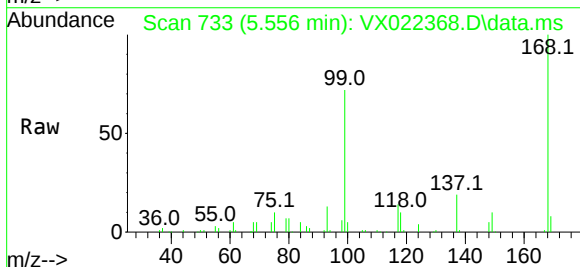
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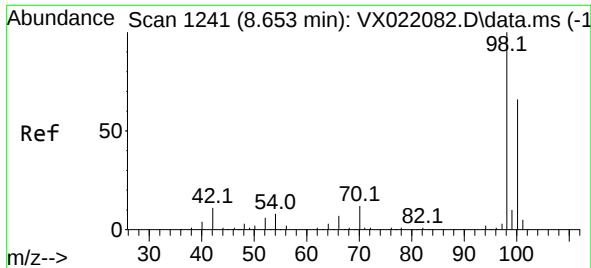
Tgt Ion: 75 Resp: 6212  
Ion Ratio Lower Upper  
75 100  
110 7.6 18.1 54.4#  
77 0.0 25.3 37.9#



#38  
Carbon Tetrachloride  
Concen: 6.22 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.134 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

Tgt Ion: 117 Resp: 7657  
Ion Ratio Lower Upper  
117 100  
119 3.8 76.2 114.2#  
121 0.0 24.8 37.2#

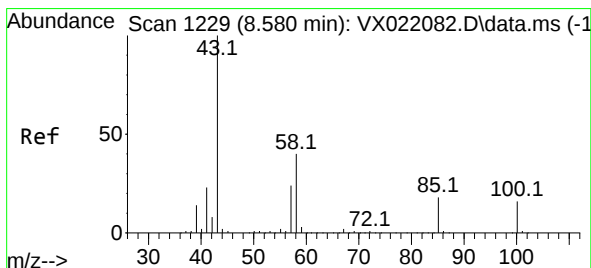
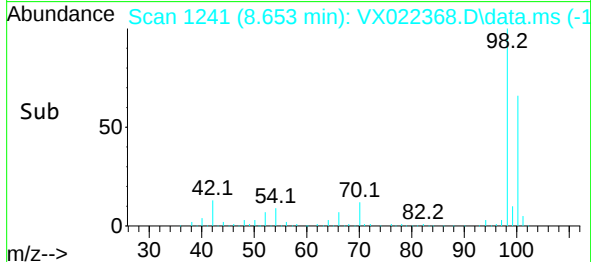
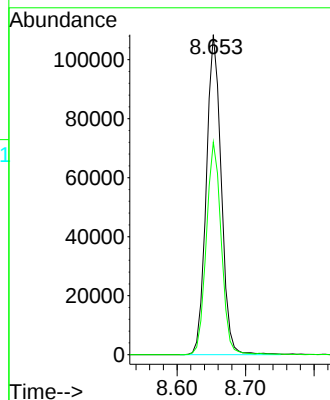
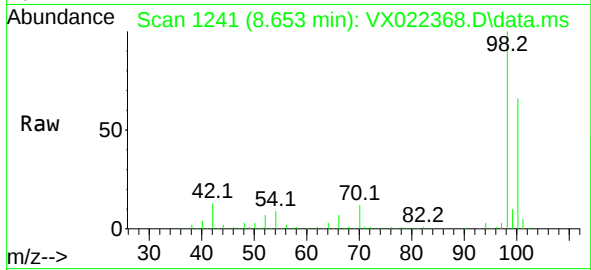




#50  
Toluene-d8  
Concen: 49.50 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

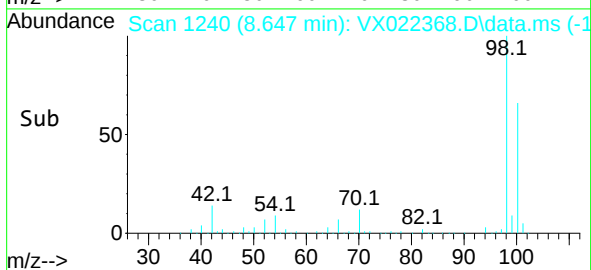
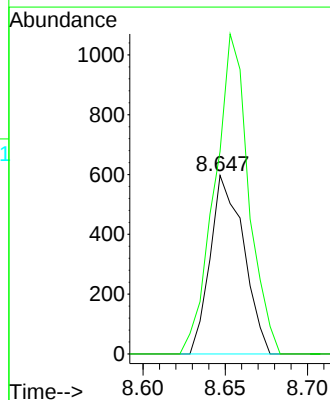
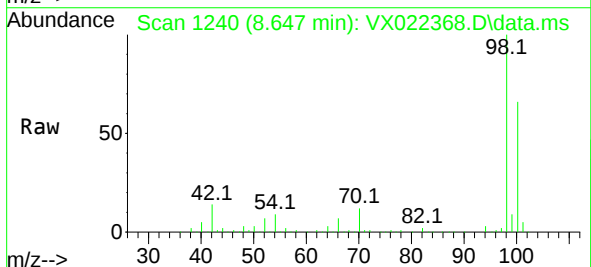
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANA

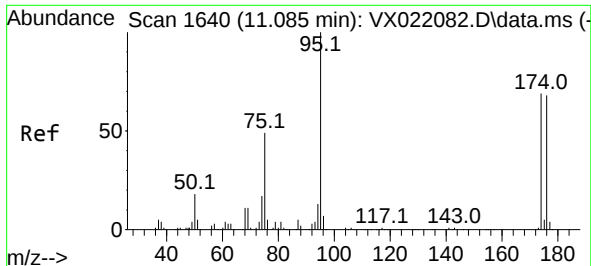
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Ion Ratio Lower Upper  
98 100  
100 66.2 51.9 77.9



#51  
4-Methyl-2-Pentanone  
Concen: 0.56 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.067 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

Tgt Ion: 43 Resp: 841  
Ion Ratio Lower Upper  
43 100  
58 182.6 35.4 53.0#

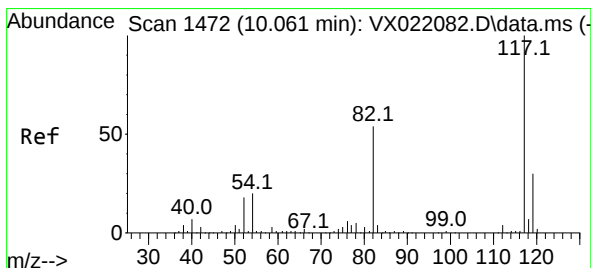
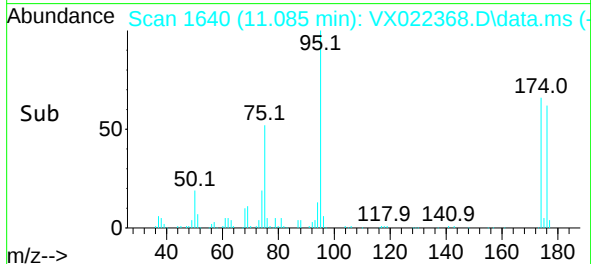
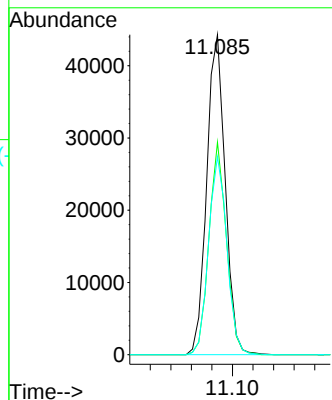
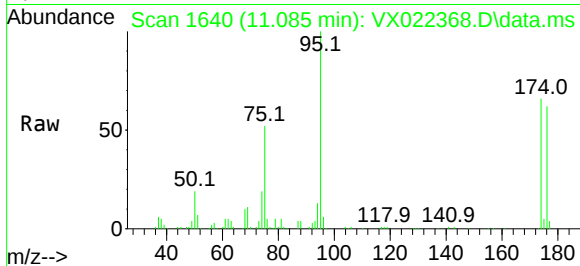




#62  
4-Bromofluorobenzene  
Concen: 45.12 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

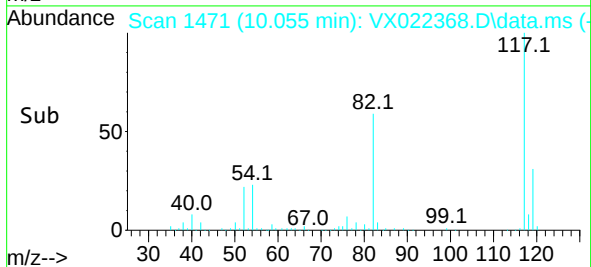
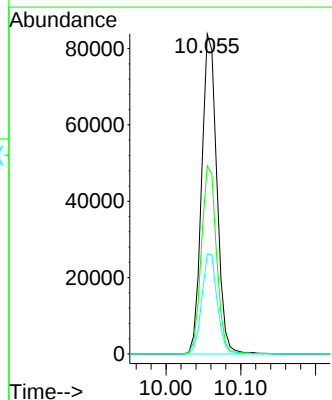
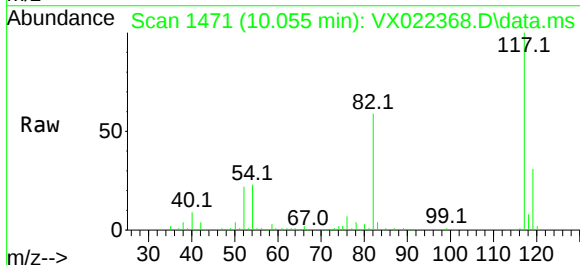
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MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANA

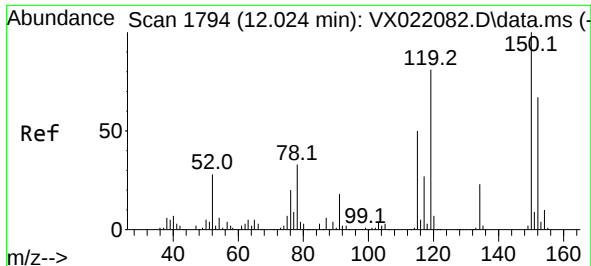
Tgt Ion: 95 Resp: 55451  
Ion Ratio Lower Upper  
95 100  
174 62.8 0.0 154.6  
176 61.6 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022368.D  
Acq: 03 Jun 2021 16:00

Tgt Ion: 117 Resp: 118130  
Ion Ratio Lower Upper  
117 100  
82 58.8 47.4 71.2  
119 31.2 26.6 39.8

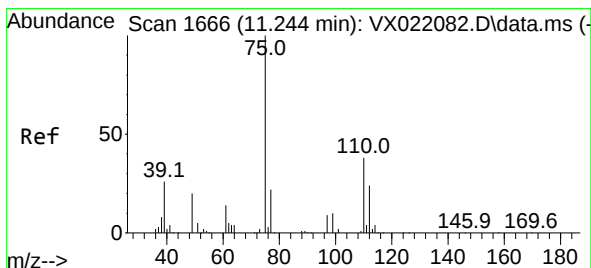
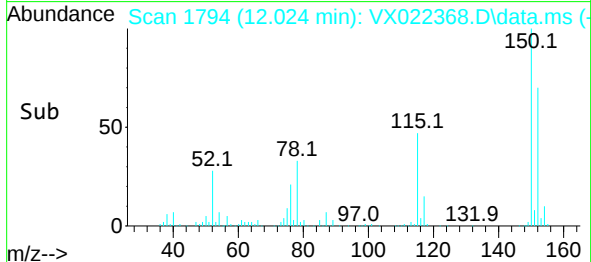
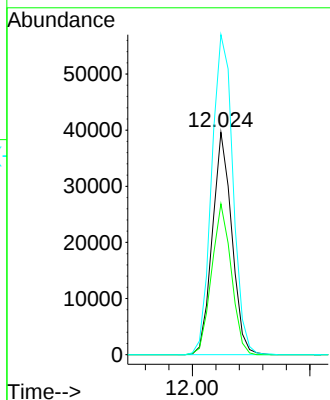
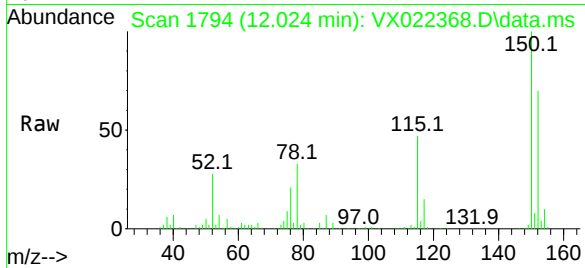




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX022368.D  
 Acq: 03 Jun 2021 16:00

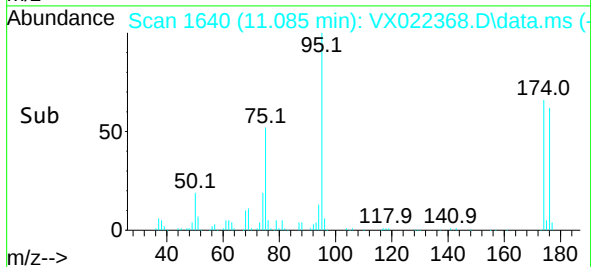
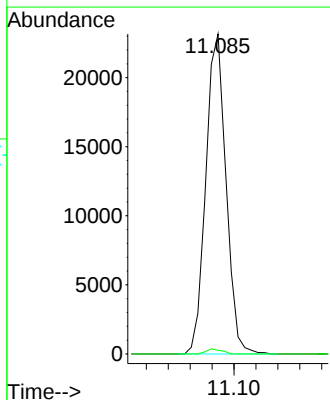
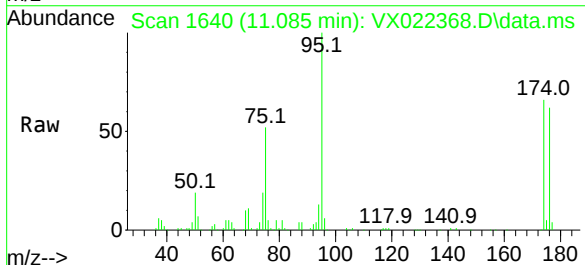
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANA

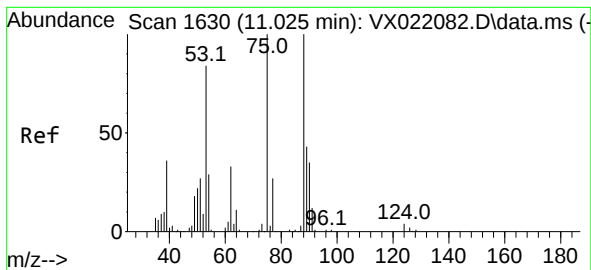
Tgt Ion:152 Resp: 45490  
 Ion Ratio Lower Upper  
 152 100  
 115 68.4 41.1 123.3  
 150 157.6 0.0 349.0



#76  
 1,2,3-Trichloropropane  
 Concen: 26.36 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. -0.159 min  
 Lab File: VX022368.D  
 Acq: 03 Jun 2021 16:00

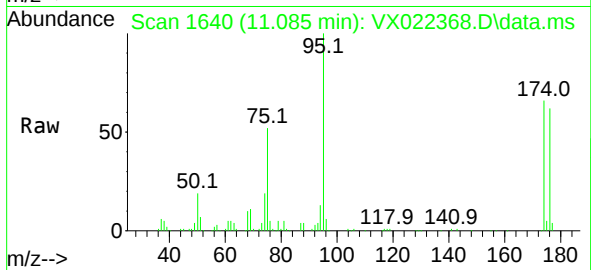
Tgt Ion: 75 Resp: 29578  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 19.1 57.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 62.45 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. 0.060 min  
 Lab File: VX022368.D  
 Acq: 03 Jun 2021 16:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANA



Tgt Ion: 75 Resp: 29578  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 74.5 111.7#  
 89 0.0 37.9 56.9#

