

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032323\  
 Data File : VX034706.D  
 Acq On : 23 Mar 2023 18:12  
 Operator : JC/MD  
 Sample : 02055-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-2

Quant Time: Mar 24 05:48:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

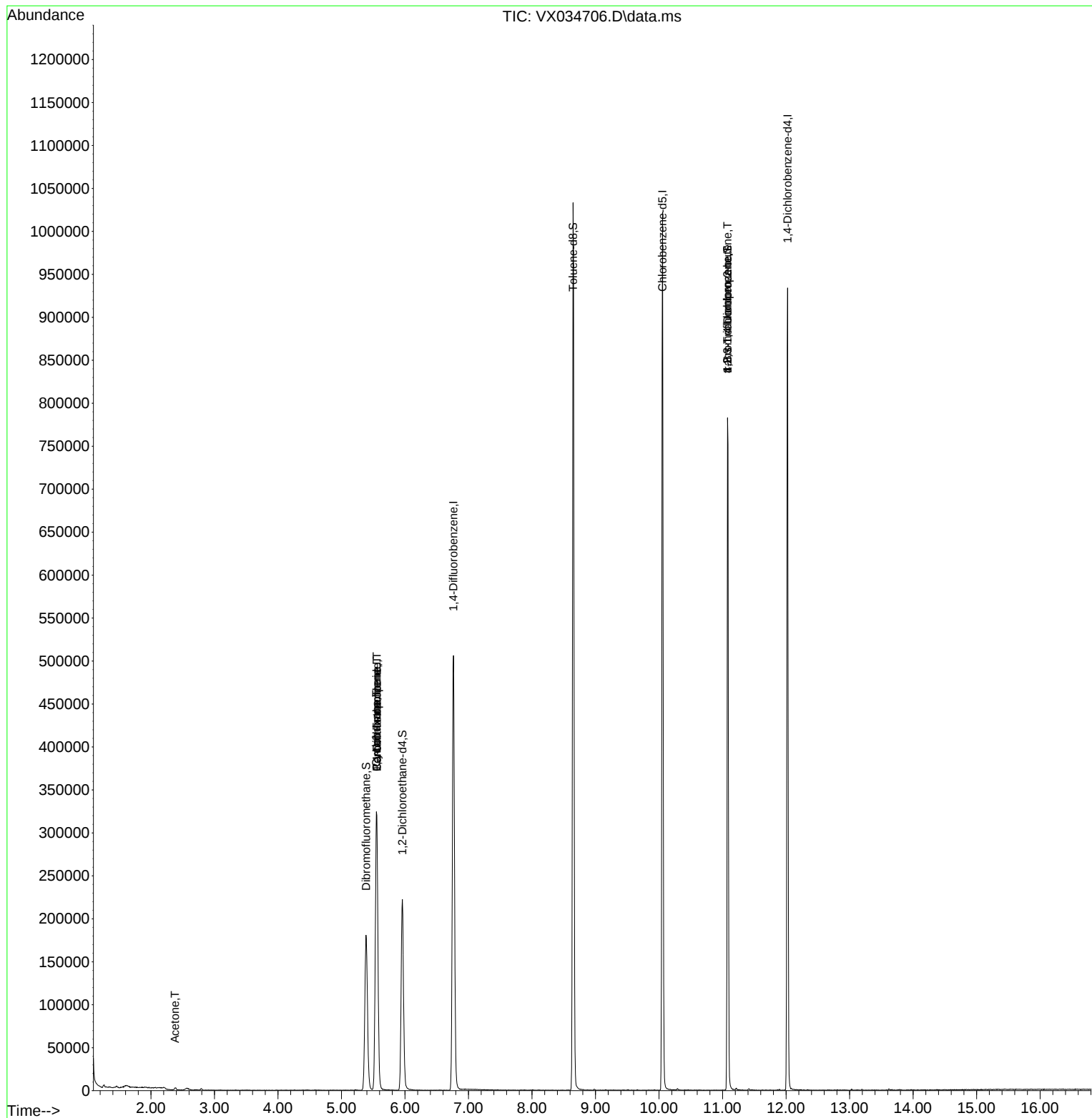
| Compound                      | R.T.           | QIon | Response            | Conc          | Units     | Dev(Min) |
|-------------------------------|----------------|------|---------------------|---------------|-----------|----------|
| -----                         |                |      |                     |               |           |          |
| Internal Standards            |                |      |                     |               |           |          |
| 1) Pentafluorobenzene         | 5.556          | 168  | 296113              | 50.000        | ug/l      | 0.01     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 501104              | 50.000        | ug/l      | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 440841              | 50.000        | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 187707              | 50.000        | ug/l      | 0.00     |
|                               |                |      |                     |               |           |          |
| System Monitoring Compounds   |                |      |                     |               |           |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 219060              | 50.851        | ug/l      | 0.01     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = 101.700% |               |           |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 158794              | 47.995        | ug/l      | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 96.000%  |               |           |          |
| 50) Toluene-d8                | 8.647          | 98   | 595857              | 48.244        | ug/l      | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = 96.480%  |               |           |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 223129              | 44.726        | ug/l      | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 89.460%  |               |           |          |
|                               |                |      |                     |               |           |          |
| Target Compounds              |                |      |                     |               |           |          |
| 3) Chloromethane              | 1.294          | 50   | 388                 | Below Cal     | Qvalue 96 |          |
| 16) Acetone                   | 2.380          | 43   | 3197                | 1.575 ug/l #  | 84        |          |
| 31) Cyclohexane               | 5.550          | 56   | 7118                | 1.178 ug/l #  | 18        |          |
| 36) 1,1-Dichloropropene       | 5.556          | 75   | 25024               | 4.924 ug/l #  | 51        |          |
| 38) Carbon Tetrachloride      | 5.556          | 117  | 31981               | 6.326 ug/l #  | 15        |          |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 117842              | 27.342 ug/l # | 34        |          |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 117842              | 73.968 ug/l # | 8         |          |
| -----                         |                |      |                     |               |           |          |

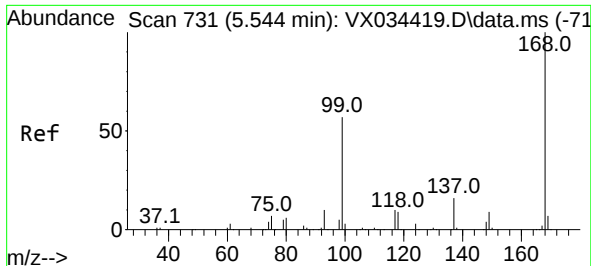
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 13 10:29:32 2023  
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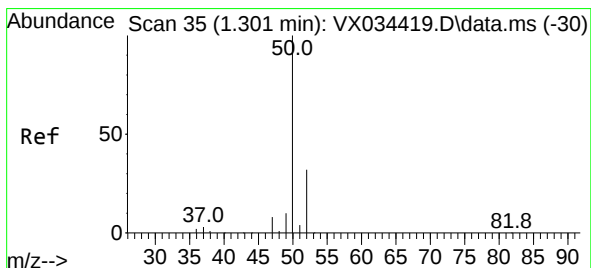
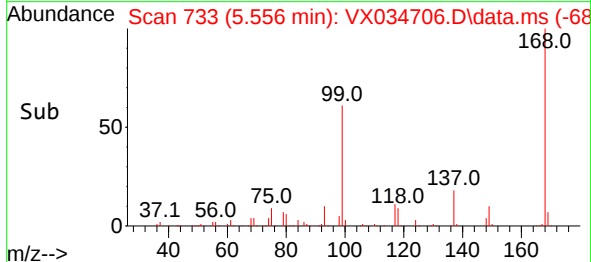
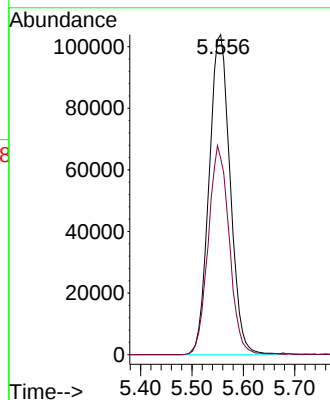
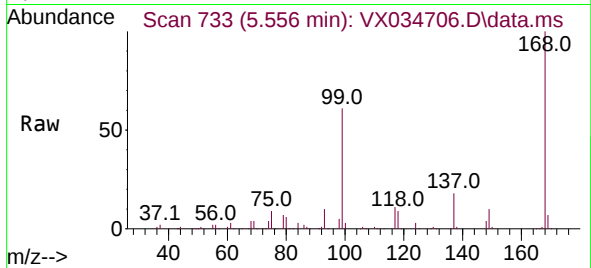




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: VX034706.D  
Acq: 23 Mar 2023 18:12

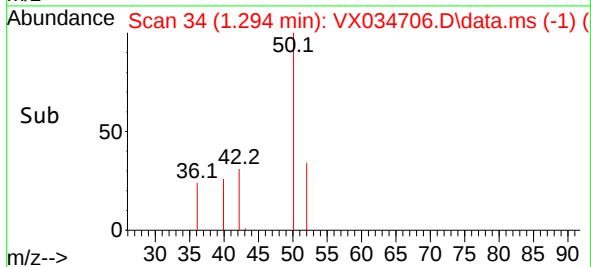
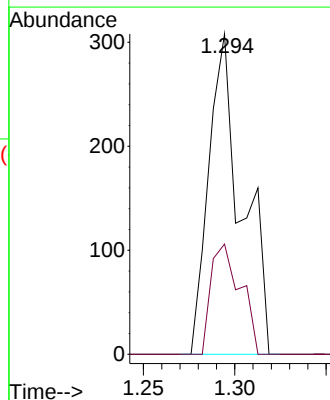
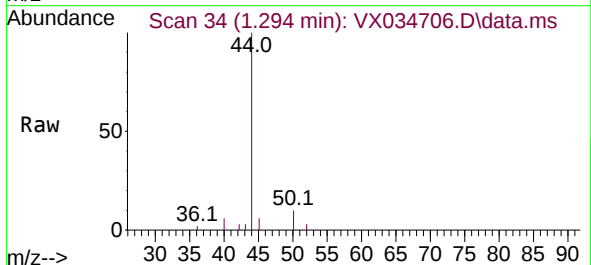
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

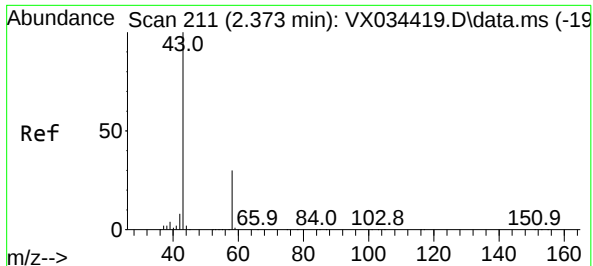
Tgt Ion:168 Resp: 296113  
Ion Ratio Lower Upper  
168 100  
99 61.3 45.7 68.5



#3  
Chloromethane  
Concen: Below Cal  
RT: 1.294 min Scan# 34  
Delta R.T. -0.007 min  
Lab File: VX034706.D  
Acq: 23 Mar 2023 18:12

Tgt Ion: 50 Resp: 388  
Ion Ratio Lower Upper  
50 100  
52 34.4 25.9 38.9

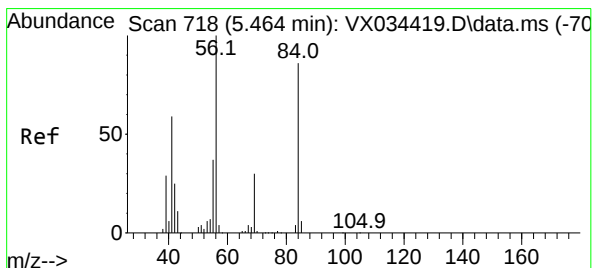
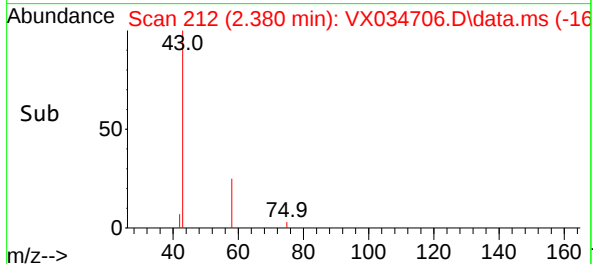
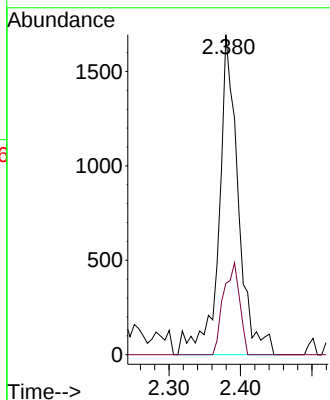
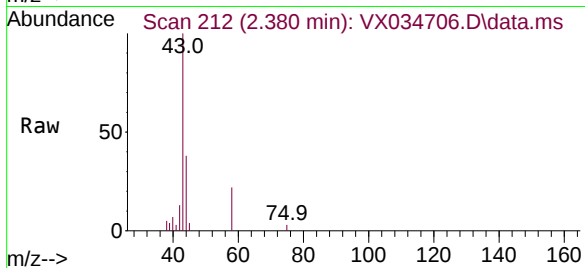




#16  
Acetone  
Concen: 1.575 ug/l  
RT: 2.380 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VX034706.D  
Acq: 23 Mar 2023 18:12

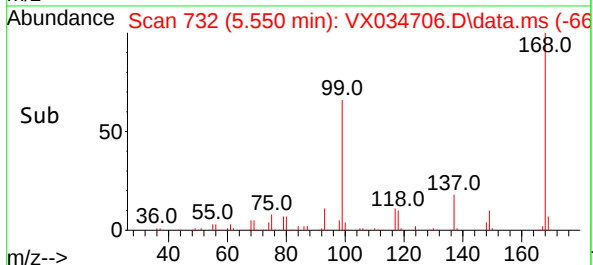
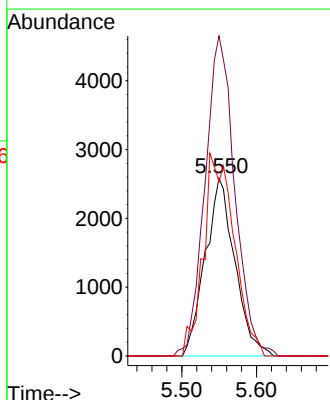
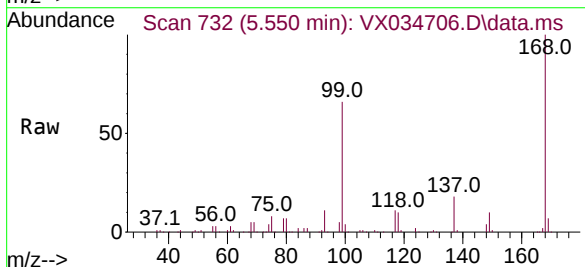
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

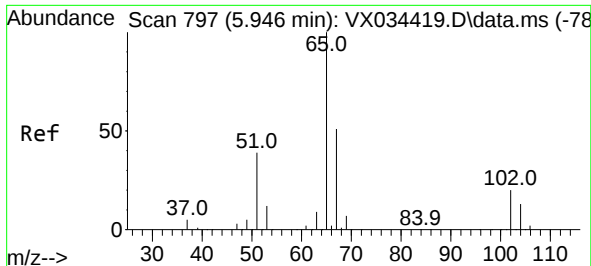
Tgt Ion: 43 Resp: 3197  
Ion Ratio Lower Upper  
43 100  
58 22.3 24.7 37.1#



#31  
Cyclohexane  
Concen: 1.178 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.085 min  
Lab File: VX034706.D  
Acq: 23 Mar 2023 18:12

Tgt Ion: 56 Resp: 7118  
Ion Ratio Lower Upper  
56 100  
69 180.0 23.7 35.5#  
84 98.0 68.5 102.7

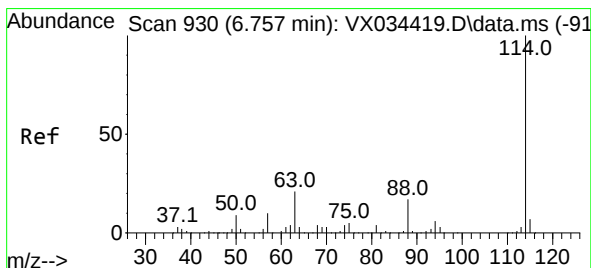
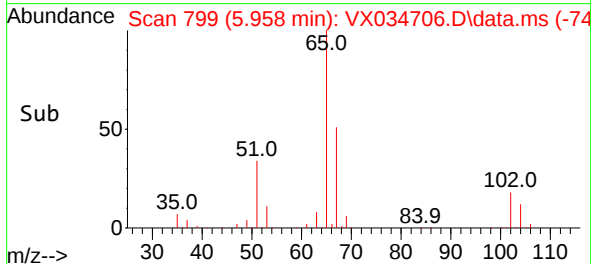
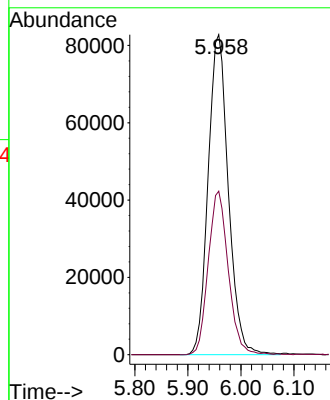
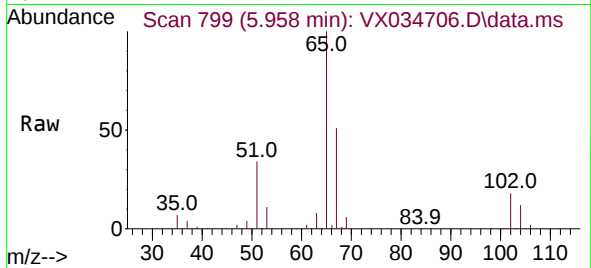




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.851 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.012 min  
 Lab File: VX034706.D  
 Acq: 23 Mar 2023 18:12

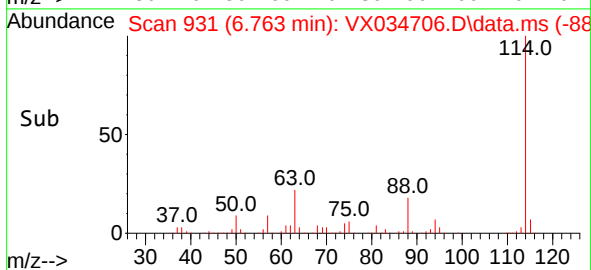
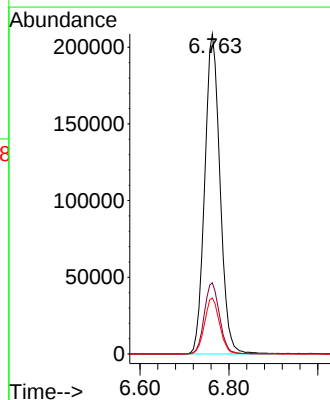
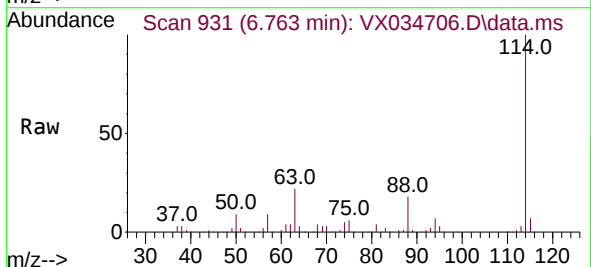
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-2

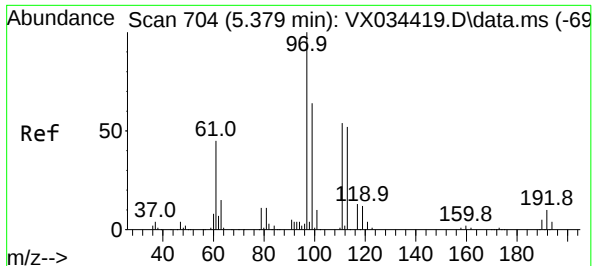
Tgt Ion: 65 Resp: 219060  
 Ion Ratio Lower Upper  
 65 100  
 67 50.6 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.006 min  
 Lab File: VX034706.D  
 Acq: 23 Mar 2023 18:12

Tgt Ion: 114 Resp: 501104  
 Ion Ratio Lower Upper  
 114 100  
 63 22.3 0.0 42.2  
 88 17.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.995 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034706.D

Acq: 23 Mar 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

MW-2

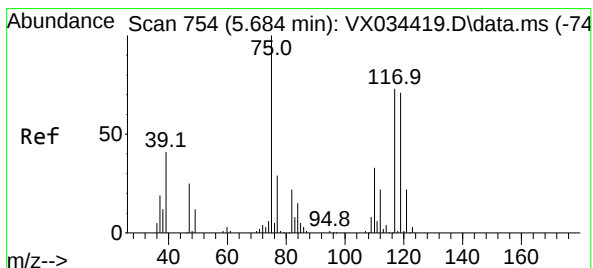
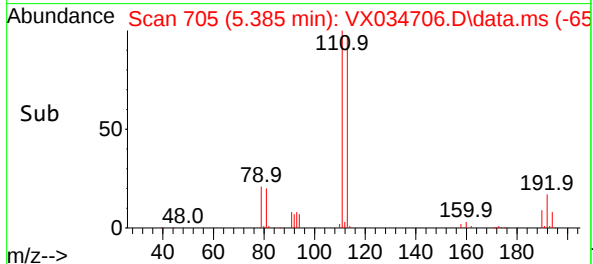
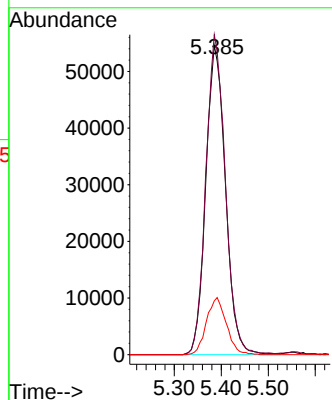
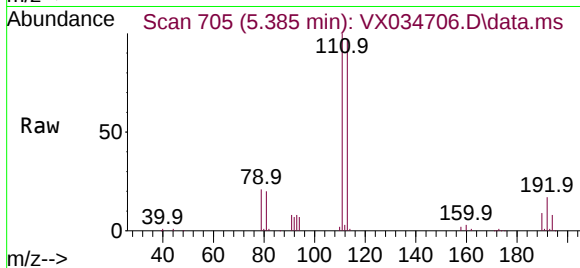
Tgt Ion:113 Resp: 158794

Ion Ratio Lower Upper

113 100

111 102.5 83.7 125.5

192 18.6 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.924 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX034706.D

Acq: 23 Mar 2023 18:12

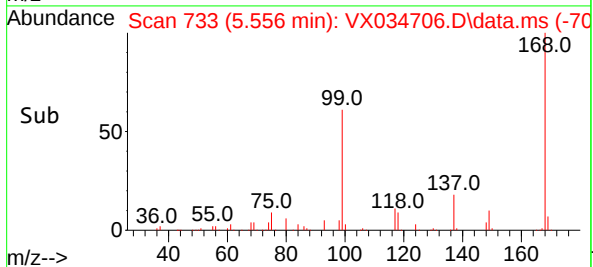
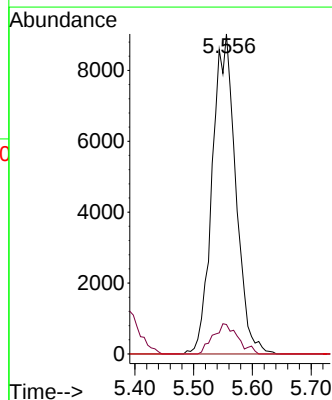
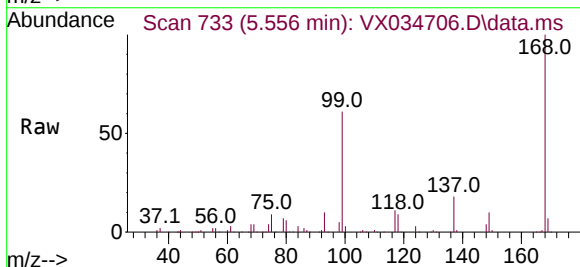
Tgt Ion: 75 Resp: 25024

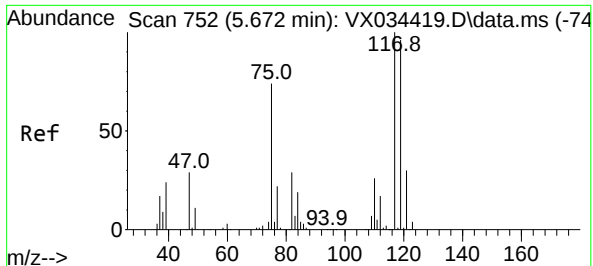
Ion Ratio Lower Upper

75 100

110 10.0 17.5 52.5#

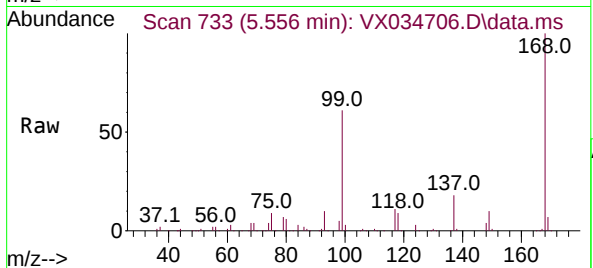
77 0.0 24.3 36.5#



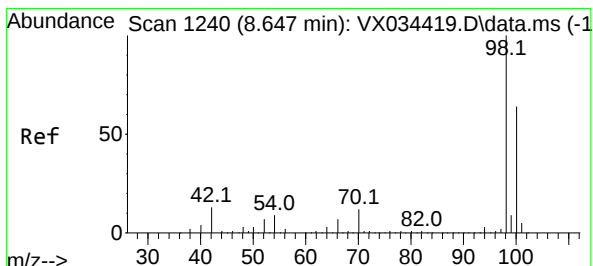
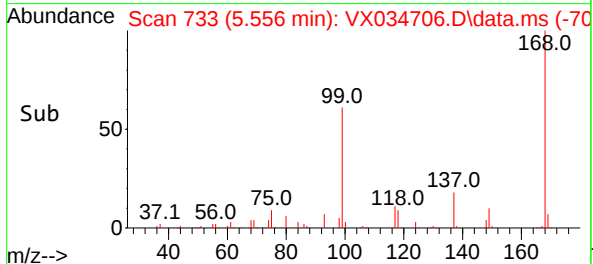
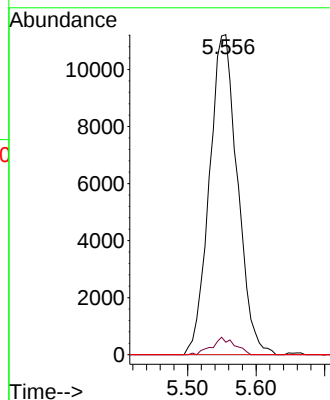


#38  
Carbon Tetrachloride  
Concen: 6.326 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.116 min  
Lab File: VX034706.D  
Acq: 23 Mar 2023 18:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

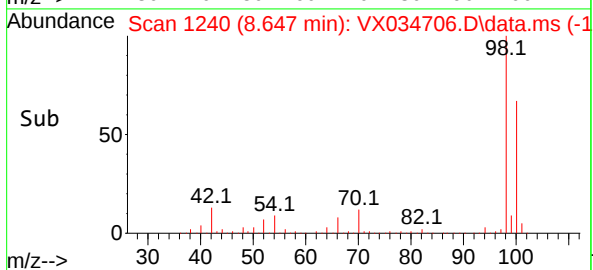
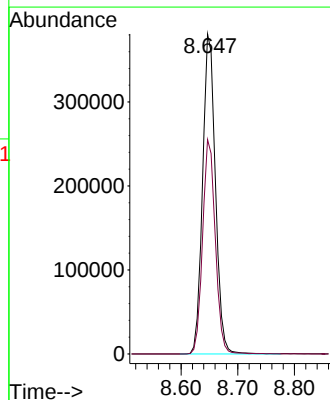
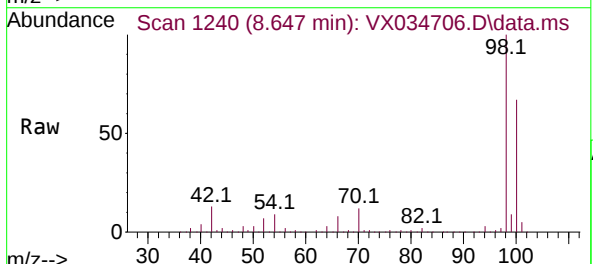


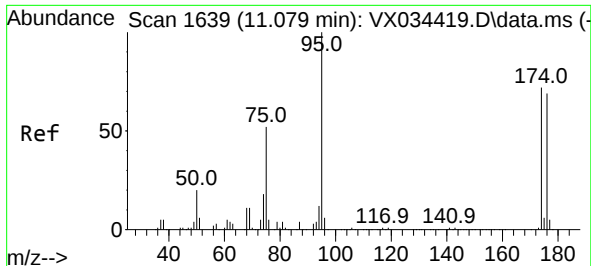
Tgt Ion:117 Resp: 31981  
Ion Ratio Lower Upper  
117 100  
119 3.9 76.6 114.8#  
121 0.0 23.8 35.6#



#50  
Toluene-d8  
Concen: 48.244 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX034706.D  
Acq: 23 Mar 2023 18:12

Tgt Ion: 98 Resp: 595857  
Ion Ratio Lower Upper  
98 100  
100 66.5 52.5 78.7

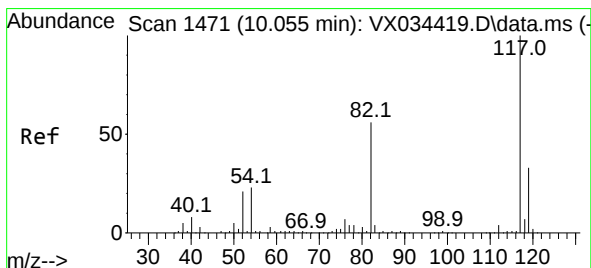
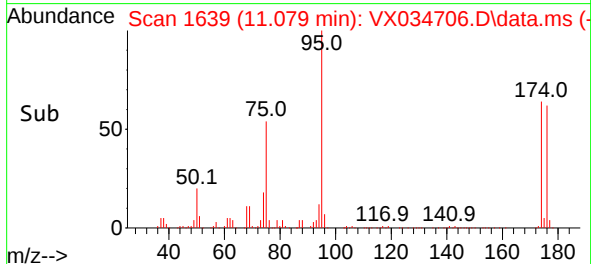
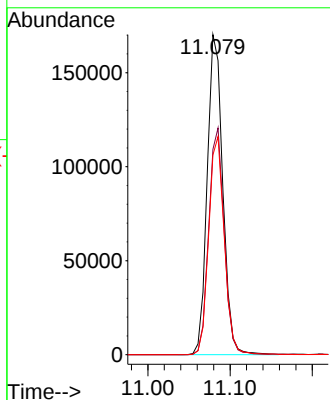
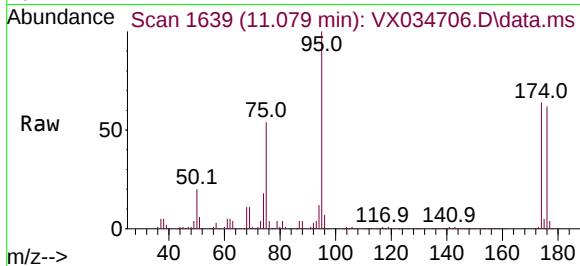




#62  
4-Bromofluorobenzene  
Concen: 44.726 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034706.D  
Acq: 23 Mar 2023 18:12

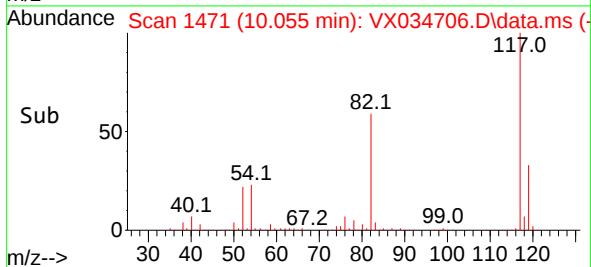
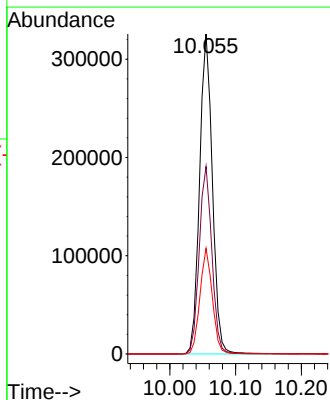
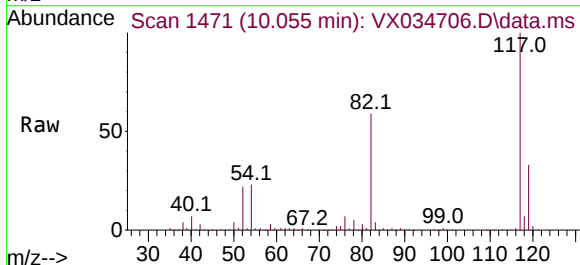
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-2

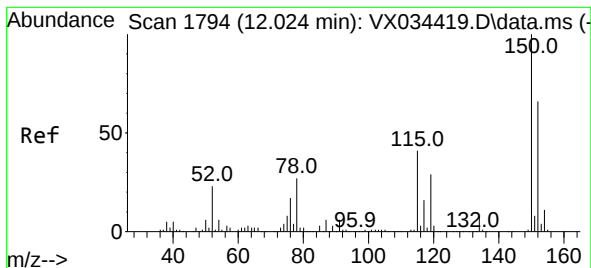
Tgt Ion: 95 Resp: 223129  
Ion Ratio Lower Upper  
95 100  
174 70.2 0.0 147.4  
176 68.4 0.0 140.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034706.D  
Acq: 23 Mar 2023 18:12

Tgt Ion: 117 Resp: 440841  
Ion Ratio Lower Upper  
117 100  
82 58.6 45.0 67.4  
119 33.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034706.D

Acq: 23 Mar 2023 18:12

Instrument :

MSVOA\_X

ClientSampleId :

MW-2

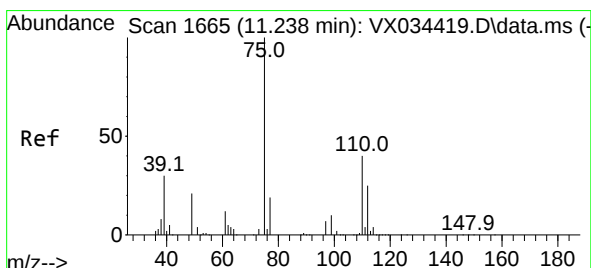
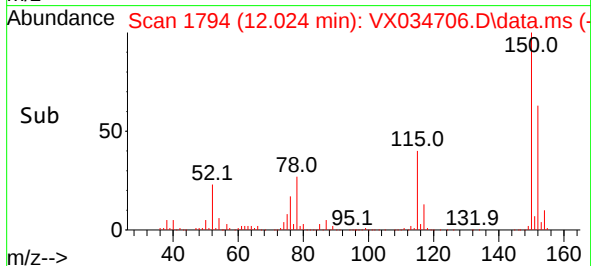
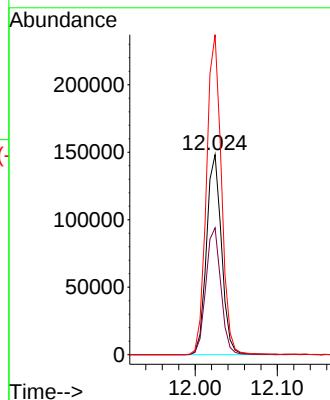
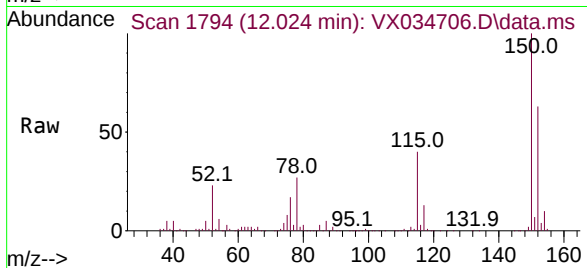
Tgt Ion:152 Resp: 187707

Ion Ratio Lower Upper

152 100

115 63.7 45.0 135.0

150 159.6 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 27.342 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034706.D

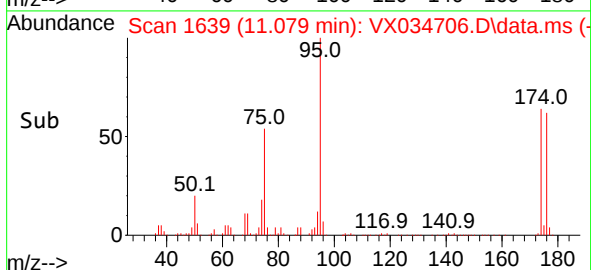
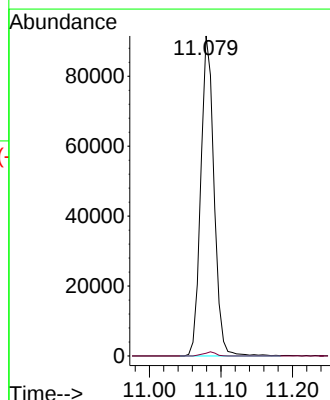
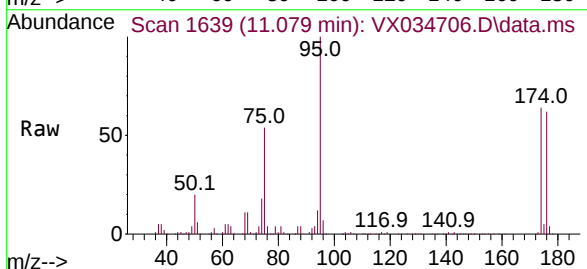
Acq: 23 Mar 2023 18:12

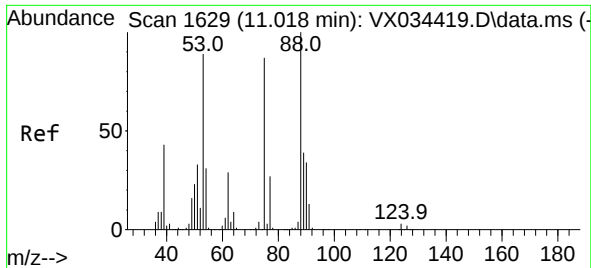
Tgt Ion: 75 Resp: 117842

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 73.968 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX034706.D  
 Acq: 23 Mar 2023 18:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-2

Tgt Ion: 75 Resp: 117842  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 82.6 124.0#  
 89 0.1 36.9 55.3#

