

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051122\  
 Data File : VN072411.D  
 Acq On : 11 May 2022 12:51  
 Operator : JC\MD  
 Sample : N2763-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-4-20220509

Quant Time: May 12 02:11:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051022W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 10 15:43:28 2022  
 Response via : Initial Calibration

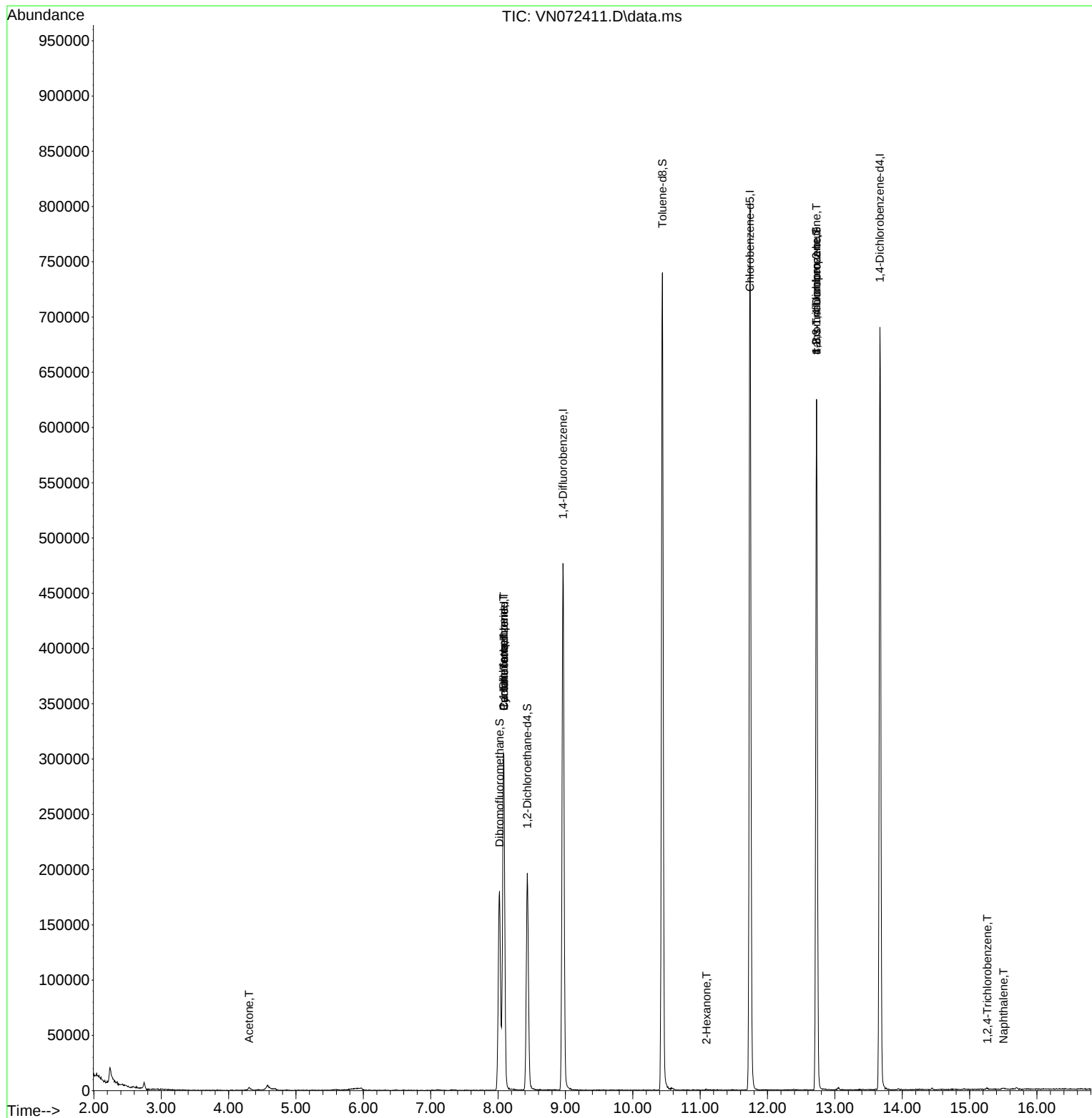
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.086          | 168  | 223865     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.963          | 114  | 410455     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.739         | 117  | 455297     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.668         | 152  | 184125     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.433          | 65   | 169258     | 49.363    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 98.720%   |        |          |
| 35) Dibromofluoromethane      | 8.022          | 113  | 130099     | 47.642    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 95.280%   |        |          |
| 50) Toluene-d8                | 10.439         | 98   | 518401     | 49.846    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 99.700%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.727         | 95   | 211668     | 61.284    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 122.560%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           | Qvalue |          |
| 3) Chloromethane              | 2.298          | 50   | 620        | Below Cal | #      | 43       |
| 6) Chloroethane               | 2.987          | 64   | 655        | Below Cal | #      | 42       |
| 16) Acetone                   | 4.304          | 43   | 3204       | 2.359     | ug/l   | 89       |
| 31) Cyclohexane               | 8.086          | 56   | 4799       | 1.056     | ug/l # | 15       |
| 36) 1,1-Dichloropropene       | 8.080          | 75   | 18345      | 4.677     | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 8.086          | 117  | 24500      | 5.581     | ug/l # | 18       |
| 59) 2-Hexanone                | 11.092         | 43   | 1010       | 0.321     | ug/l   | 78       |
| 76) 1,2,3-Trichloropropane    | 12.727         | 75   | 116602     | 24.280    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.727         | 75   | 116602     | 81.000    | ug/l # | 10       |
| 93) 1,2,4-Trichlorobenzene    | 15.262         | 180  | 615        | 0.258     | ug/l # | 67       |
| 95) Naphthalene               | 15.504         | 128  | 2173       | 3.408     | ug/l # | 69       |
| -----                         |                |      |            |           |        |          |

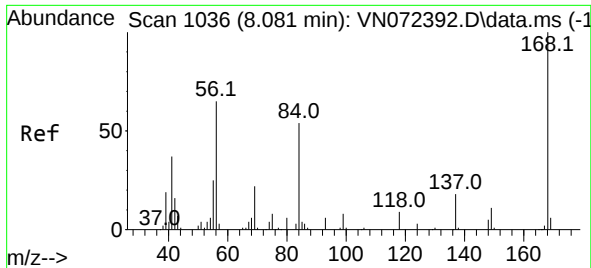
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051122\  
Data File : VN072411.D  
Acq On : 11 May 2022 12:51  
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Sample : N2763-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-4-20220509

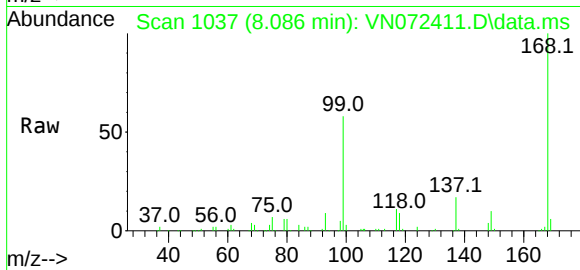
Quant Time: May 12 02:11:09 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051022W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 10 15:43:28 2022  
Response via : Initial Calibration



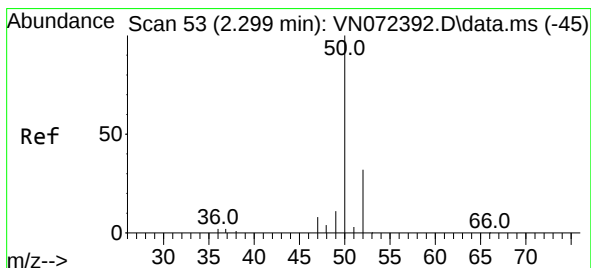
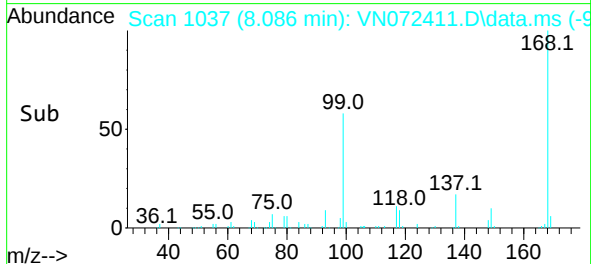
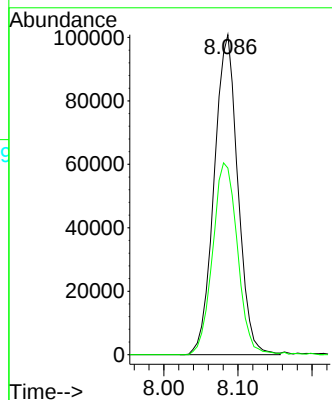


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 1037  
Delta R.T. 0.005 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-4-20220509

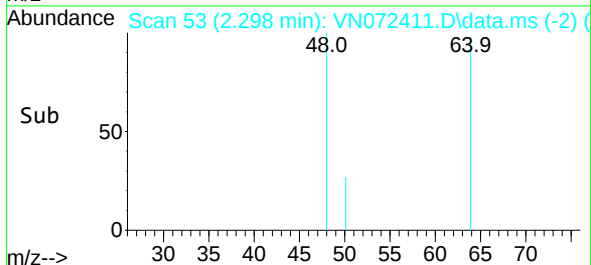
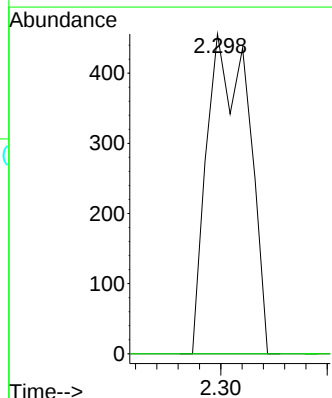
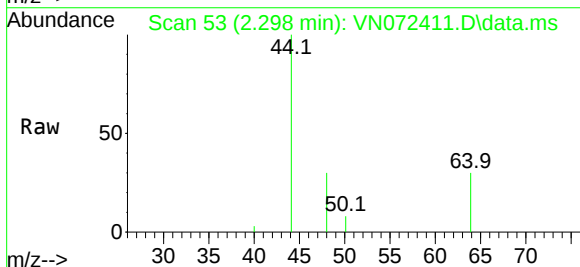


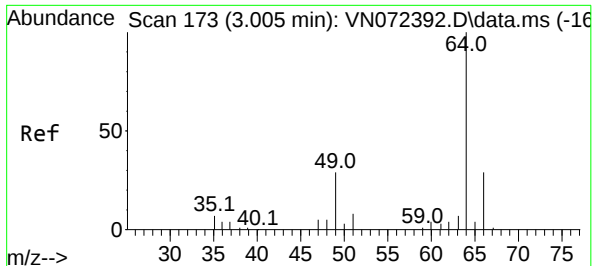
Tgt Ion:168 Resp: 223865  
Ion Ratio Lower Upper  
168 100  
99 58.3 42.3 63.5



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.298 min Scan# 53  
Delta R.T. -0.001 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

Tgt Ion: 50 Resp: 620  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.7 38.5#

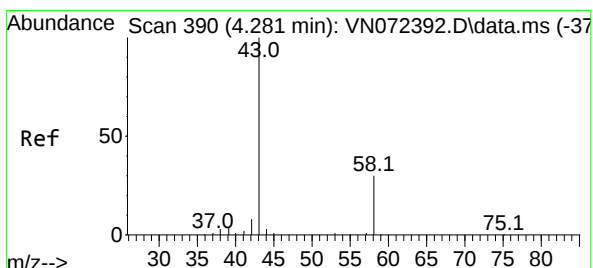
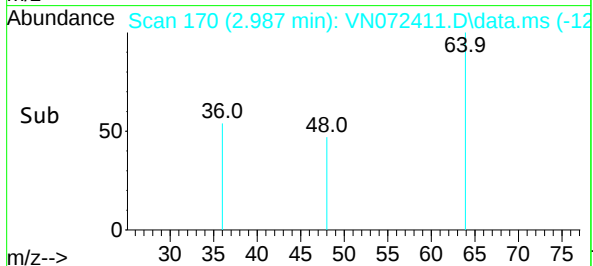
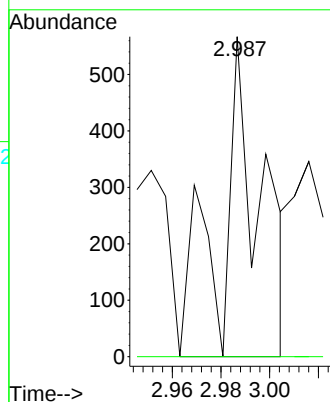
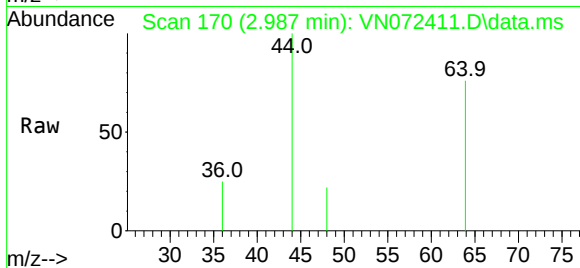




#6  
Chloroethane  
Concen: Below Cal  
RT: 2.987 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

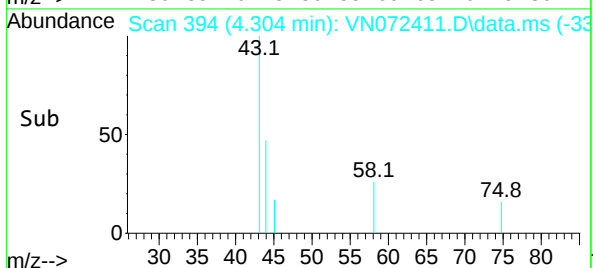
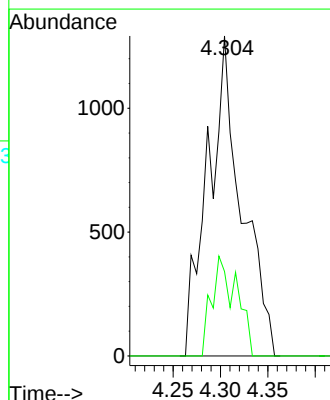
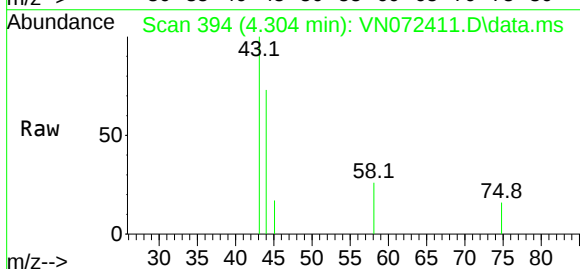
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-4-20220509

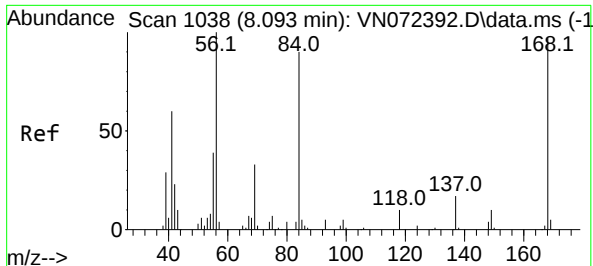
Tgt Ion: 64 Resp: 655  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#



#16  
Acetone  
Concen: 2.359 ug/l  
RT: 4.304 min Scan# 394  
Delta R.T. 0.023 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

Tgt Ion: 43 Resp: 3204  
Ion Ratio Lower Upper  
43 100  
58 26.4 26.0 39.0

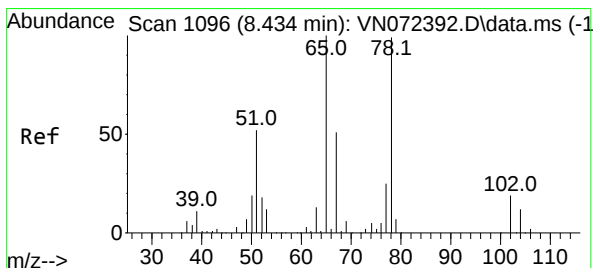
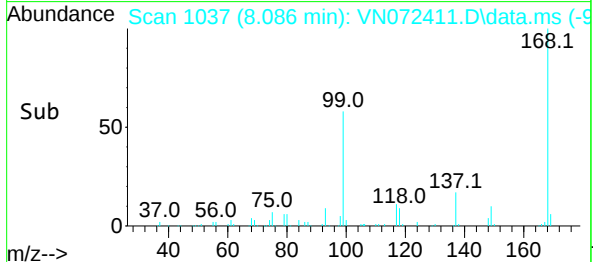
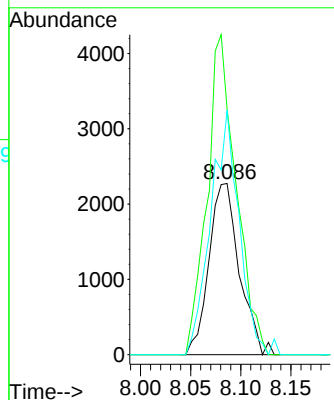
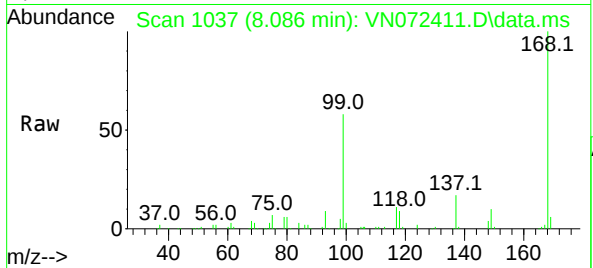




#31  
Cyclohexane  
Concen: 1.056 ug/l  
RT: 8.086 min Scan# 1037  
Delta R.T. -0.007 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

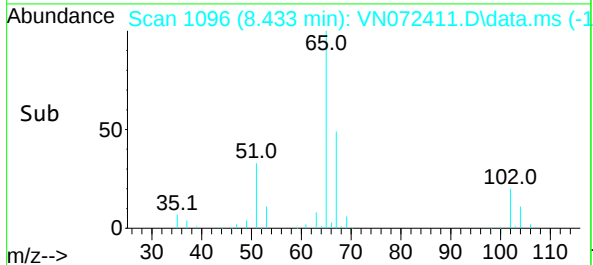
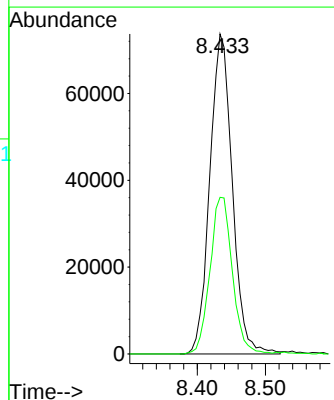
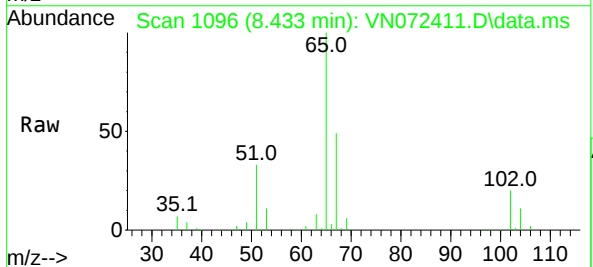
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-4-20220509

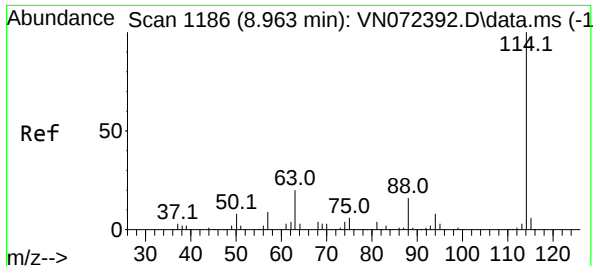
Tgt Ion: 56 Resp: 4799  
Ion Ratio Lower Upper  
56 100  
69 143.7 27.8 41.8#  
84 142.8 76.9 115.3#



#33  
1,2-Dichloroethane-d4  
Concen: 49.363 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.001 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

Tgt Ion: 65 Resp: 169258  
Ion Ratio Lower Upper  
65 100  
67 48.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072411.D

Acq: 11 May 2022 12:51

Instrument :

MSVOA\_N

ClientSampleId :

MW-4-20220509

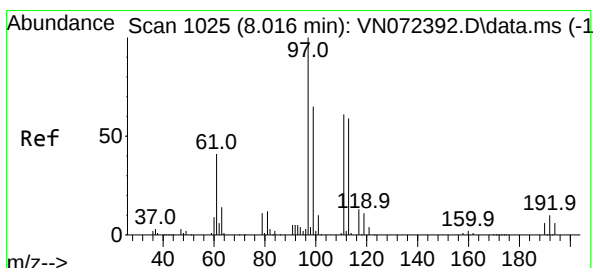
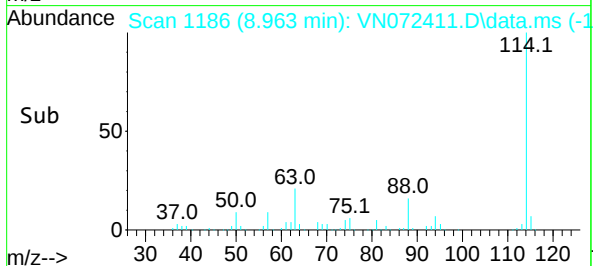
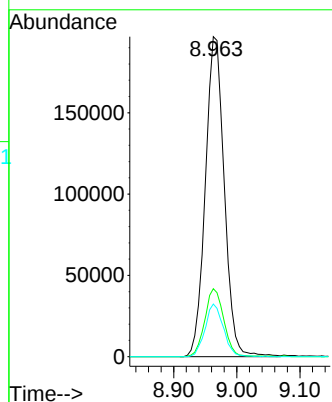
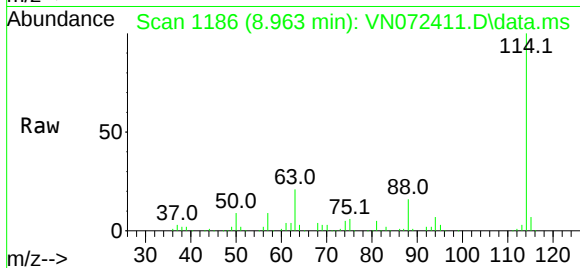
Tgt Ion:114 Resp: 410455

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.642 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072411.D

Acq: 11 May 2022 12:51

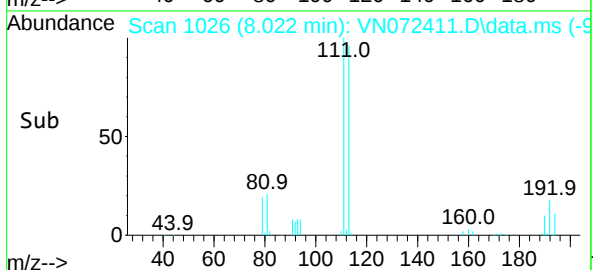
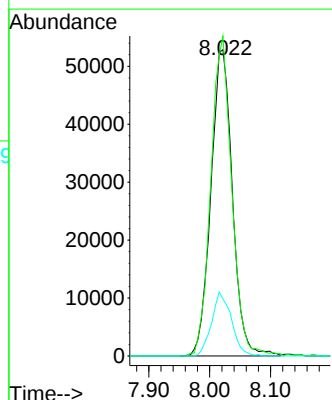
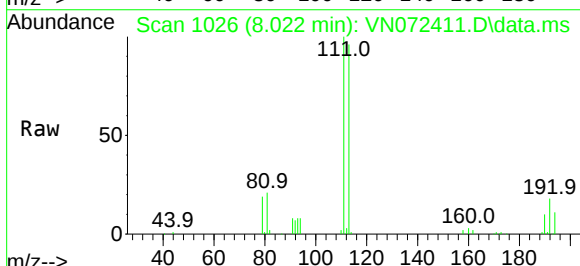
Tgt Ion:113 Resp: 130099

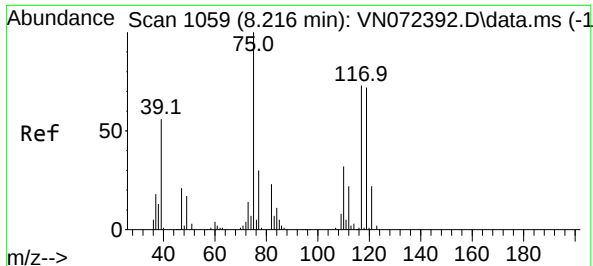
Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 19.2 17.0 25.6

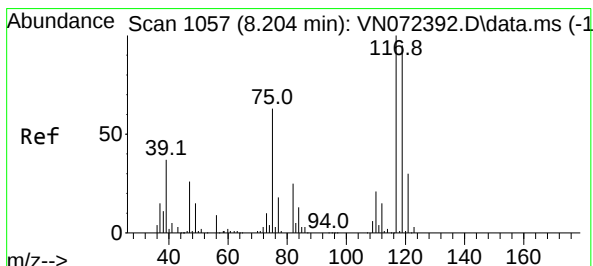
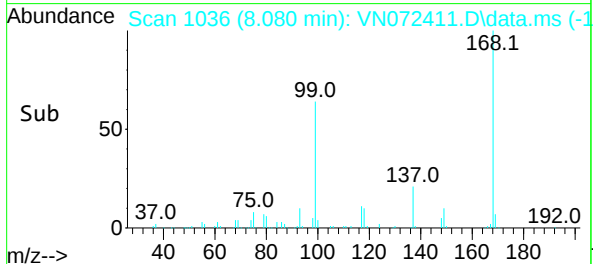
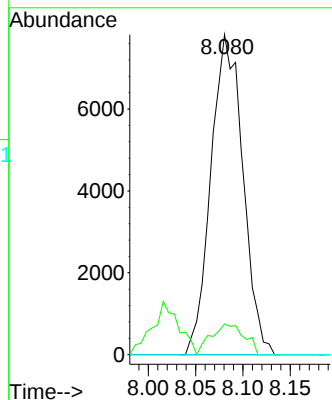
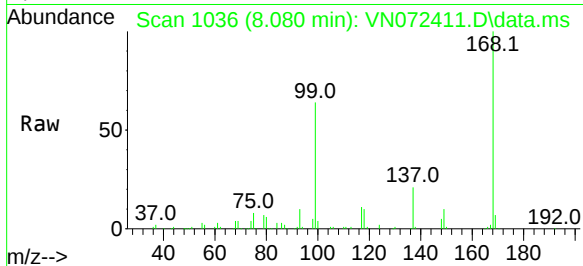




#36  
1,1-Dichloropropene  
Concen: 4.677 ug/l  
RT: 8.080 min Scan# 1036  
Delta R.T. -0.136 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

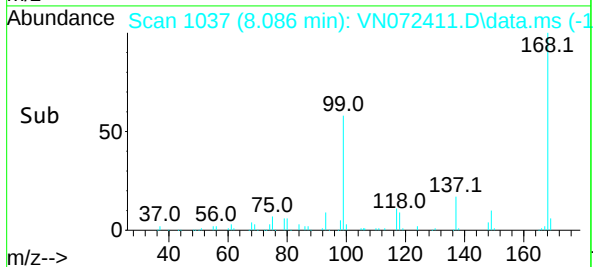
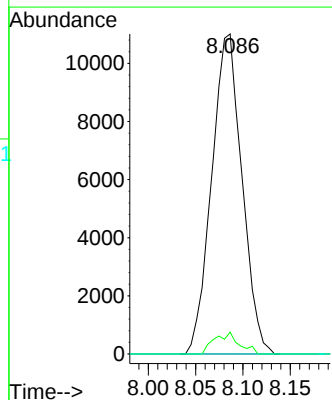
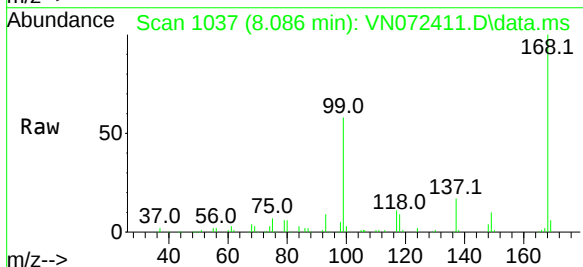
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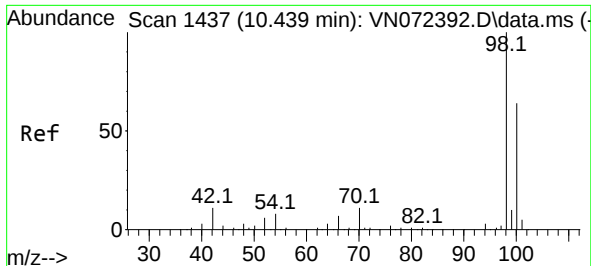
Tgt Ion: 75 Resp: 18345  
Ion Ratio Lower Upper  
75 100  
110 10.0 18.3 54.8#  
77 0.0 25.1 37.7#



#38  
Carbon Tetrachloride  
Concen: 5.581 ug/l  
RT: 8.086 min Scan# 1037  
Delta R.T. -0.118 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

Tgt Ion: 117 Resp: 24500  
Ion Ratio Lower Upper  
117 100  
119 6.8 75.8 113.8#  
121 0.0 24.6 37.0#

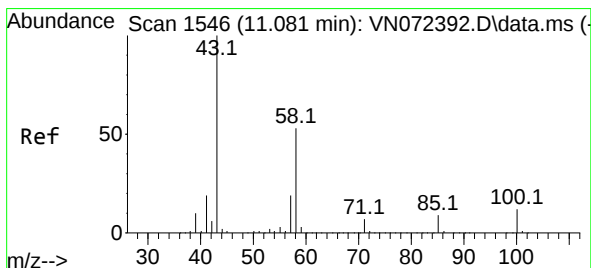
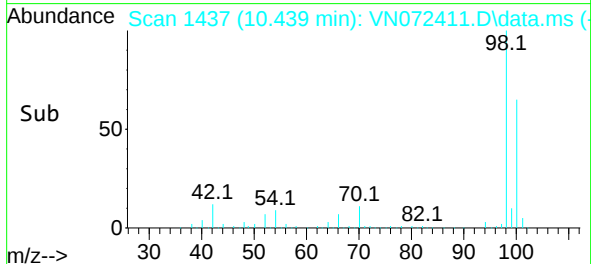
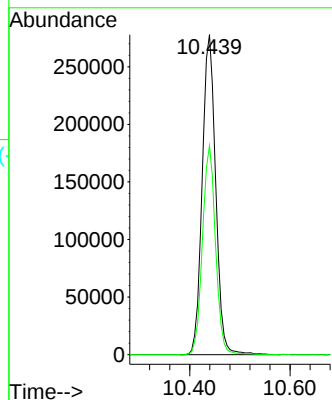
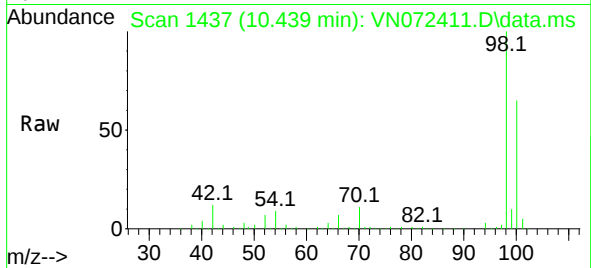




#50  
Toluene-d8  
Concen: 49.846 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

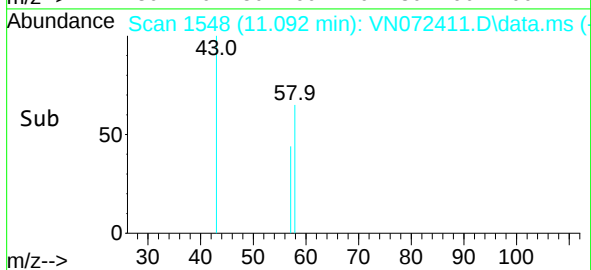
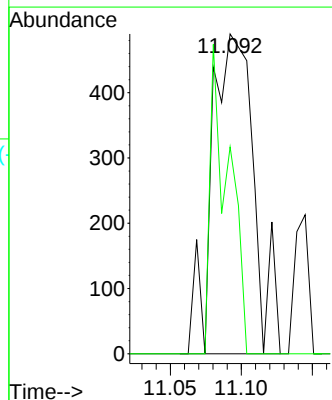
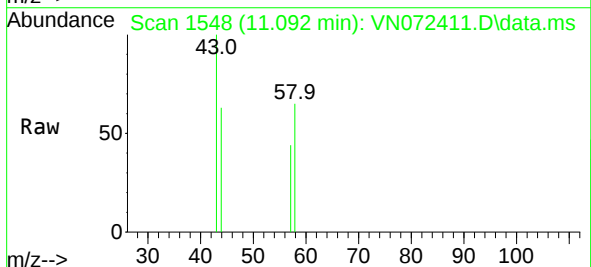
Instrument :  
MSVOA\_N  
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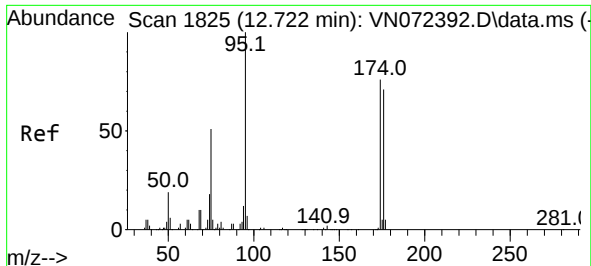
Tgt Ion: 98 Resp: 518401  
Ion Ratio Lower Upper  
98 100  
100 63.5 52.6 78.8



#59  
2-Hexanone  
Concen: 0.321 ug/l  
RT: 11.092 min Scan# 1548  
Delta R.T. 0.011 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

Tgt Ion: 43 Resp: 1010  
Ion Ratio Lower Upper  
43 100  
58 43.1 29.7 89.1

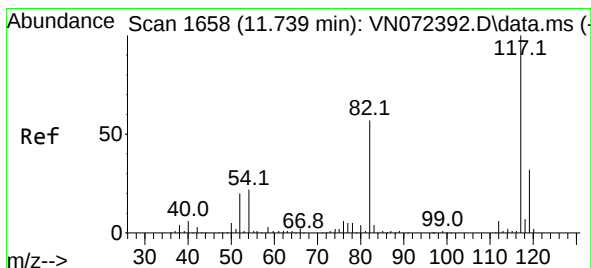
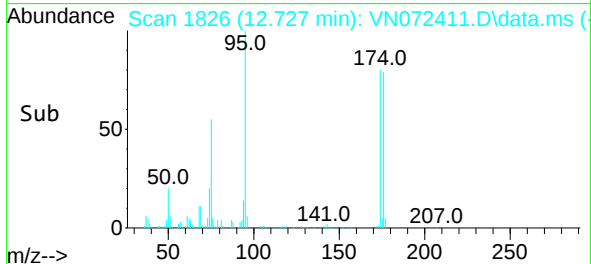
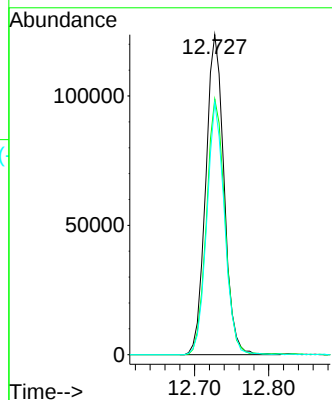
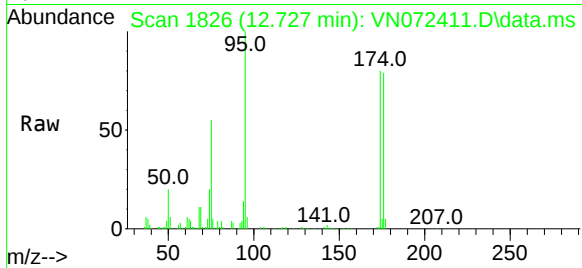




#62  
4-Bromofluorobenzene  
Concen: 61.284 ug/l  
RT: 12.727 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

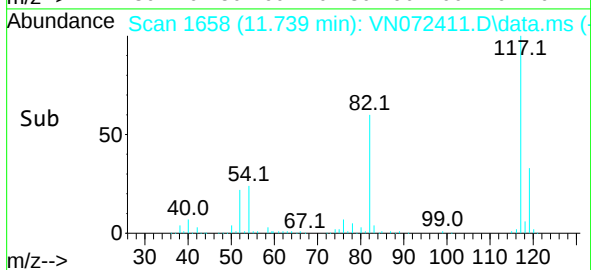
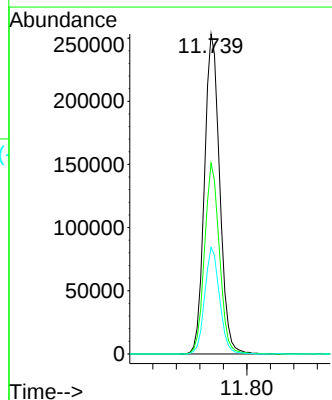
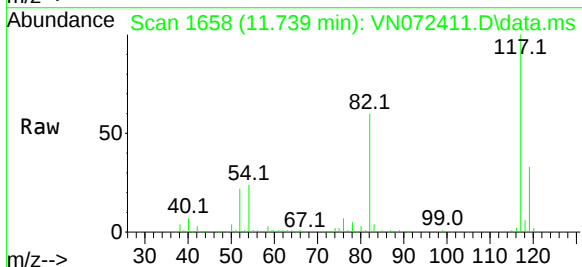
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-4-20220509

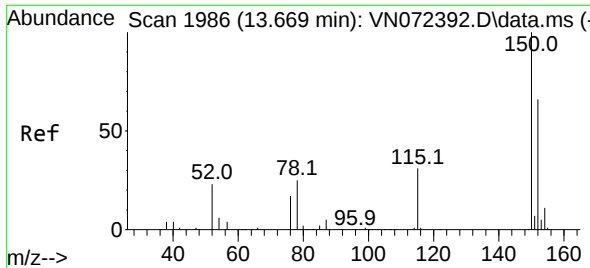
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Ion Ratio Lower Upper  
95 100  
174 80.3 0.0 167.6  
176 76.4 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

Tgt Ion: 117 Resp: 455297  
Ion Ratio Lower Upper  
117 100  
82 59.6 44.2 66.2  
119 33.3 25.4 38.0

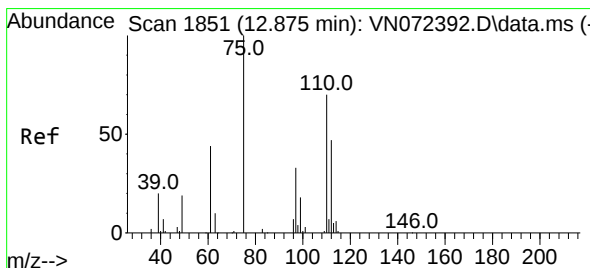
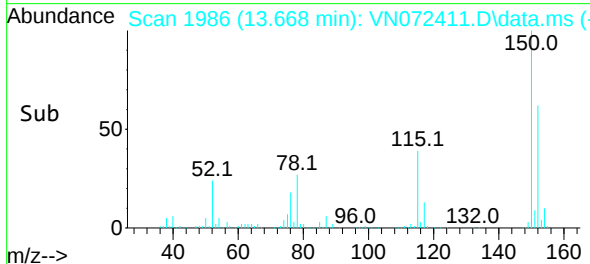
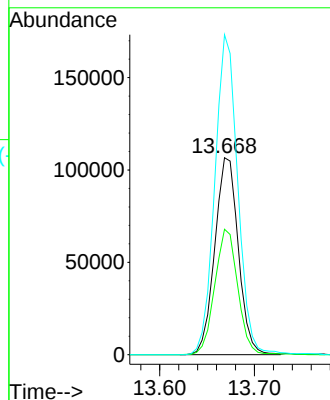
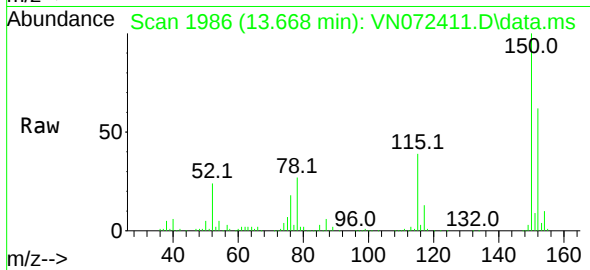




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.668 min Scan# 1986  
 Delta R.T. -0.001 min  
 Lab File: VN072411.D  
 Acq: 11 May 2022 12:51

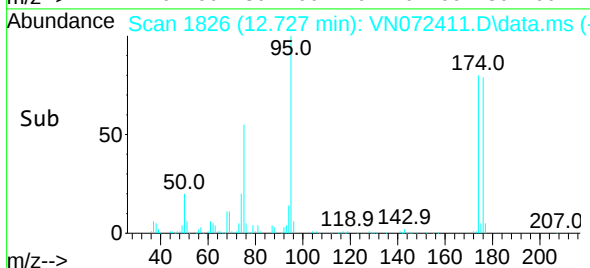
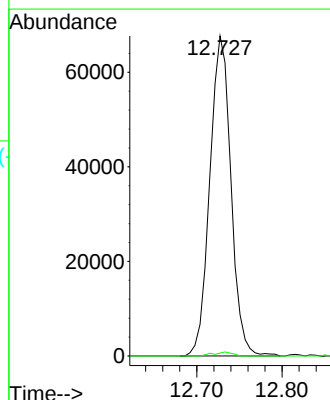
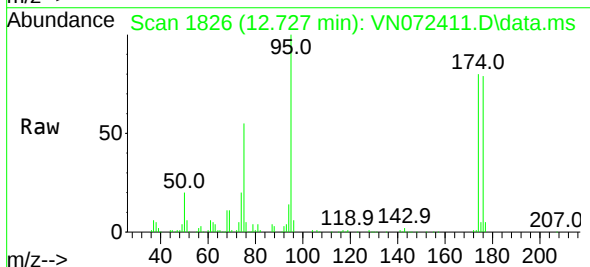
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-4-20220509

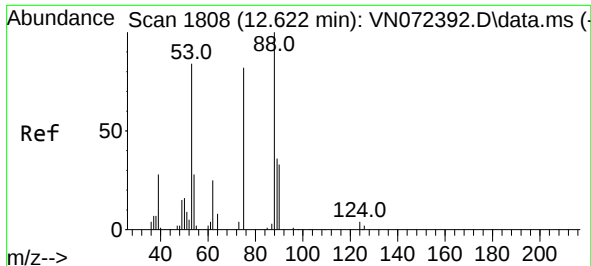
Tgt Ion:152 Resp: 184125  
 Ion Ratio Lower Upper  
 152 100  
 115 62.5 28.9 86.7  
 150 158.4 0.0 356.2



#76  
 1,2,3-Trichloropropane  
 Concen: 24.280 ug/l  
 RT: 12.727 min Scan# 1826  
 Delta R.T. -0.148 min  
 Lab File: VN072411.D  
 Acq: 11 May 2022 12:51

Tgt Ion: 75 Resp: 116602  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 98.5 295.5#

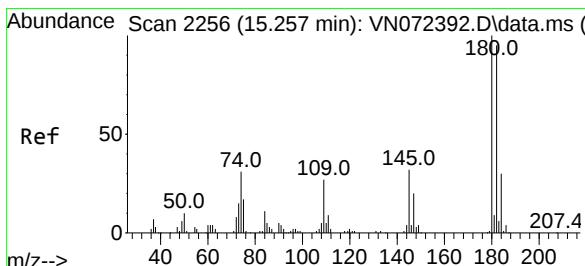
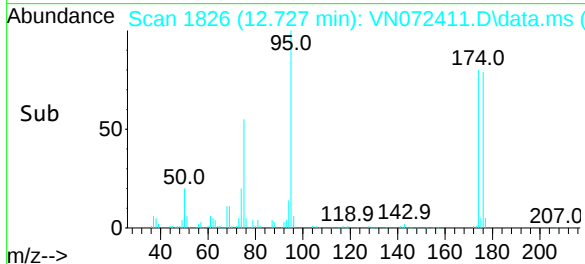
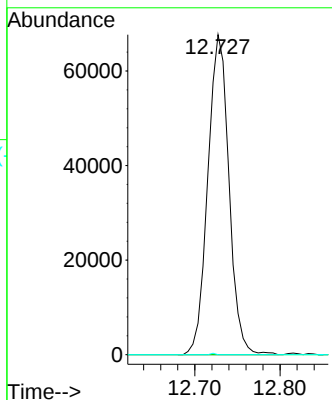
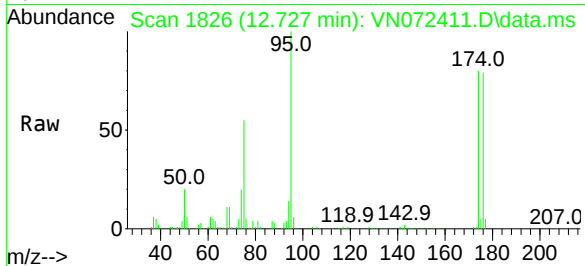




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 81.000 ug/l  
 RT: 12.727 min Scan# 1808  
 Delta R.T. 0.105 min  
 Lab File: VN072411.D  
 Acq: 11 May 2022 12:51

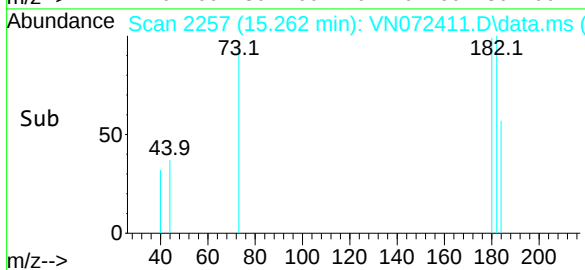
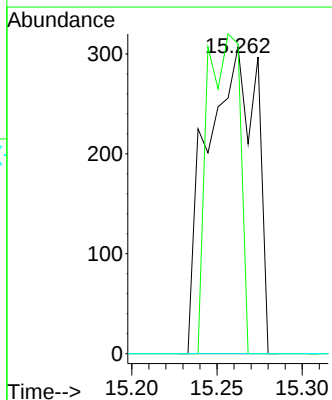
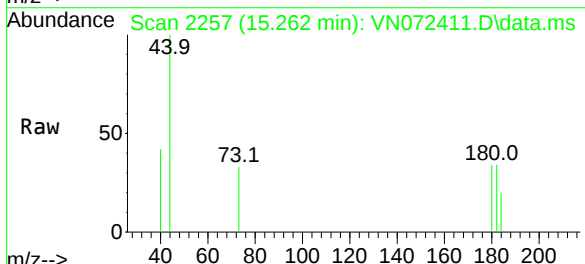
Instrument :  
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 ClientSampleId :  
 MW-4-20220509

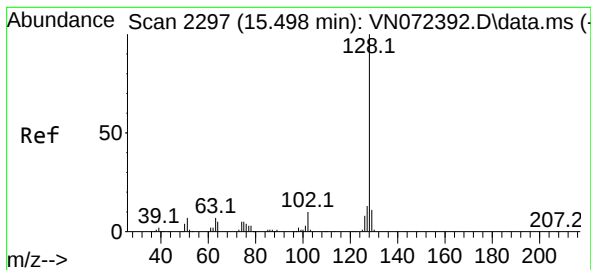
Tgt Ion: 75 Resp: 116602  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 78.0 117.0#  
 89 0.1 37.2 55.8#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.258 ug/l  
 RT: 15.262 min Scan# 2257  
 Delta R.T. 0.005 min  
 Lab File: VN072411.D  
 Acq: 11 May 2022 12:51

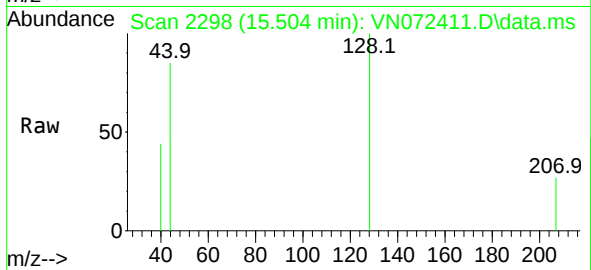
Tgt Ion: 180 Resp: 615  
 Ion Ratio Lower Upper  
 180 100  
 182 68.9 47.5 142.5  
 145 0.0 14.5 43.5#





#95  
Naphthalene  
Concen: 3.408 ug/l  
RT: 15.504 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN072411.D  
Acq: 11 May 2022 12:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-4-20220509



Tgt Ion:128 Resp: 2173  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.3 15.5#  
129 0.0 8.6 13.0#

