

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031423\  
 Data File : VN076993.D  
 Acq On : 14 Mar 2023 19:34  
 Operator : JC\MD  
 Sample : 01905-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MAPLE-1

Quant Time: Mar 15 04:29:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 10 13:47:39 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 03/15/2023  
 Supervised By : Mahesh Dadoda 03/15/2023

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.231          | 168  | 252174     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.107          | 114  | 366680     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.866         | 117  | 341553     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.795         | 152  | 157864     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.584          | 65   | 187890     | 49.929   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 99.860%  |        |          |
| 35) Dibromofluoromethane    | 8.172          | 113  | 119189     | 48.772   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 97.540%  |        |          |
| 50) Toluene-d8              | 10.572         | 98   | 436770     | 48.495   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 96.980%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.848         | 95   | 171602     | 52.090   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 104.180% |        |          |
| Target Compounds            |                |      |            |          |        |          |
|                             |                |      |            |          | Qvalue |          |
| 16) Acetone                 | 4.449          | 43   | 22968      | 17.614   | ug/l # | 83       |
| 20) Methylene Chloride      | 5.290          | 84   | 7942m      | 2.369    | ug/l   |          |
| 37) Ethyl Acetate           | 7.578          | 43   | 26144      | 8.650    | ug/l # | 87       |
| 43) Isopropyl Acetate       | 8.695          | 43   | 191303     | 35.853   | ug/l # | 73       |
| -----                       |                |      |            |          |        |          |

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

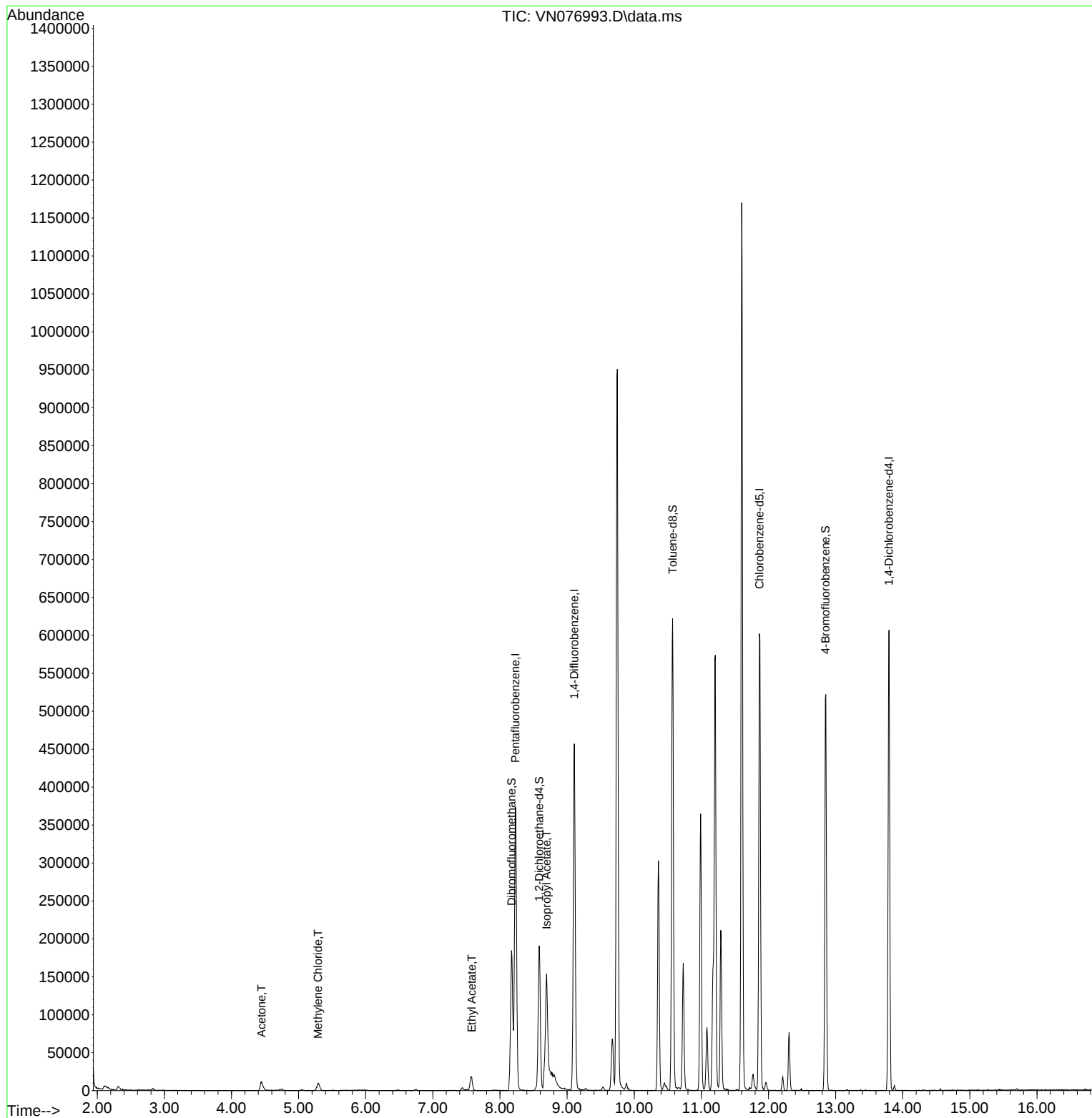
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031423\  
Data File : VN076993.D  
Acq On : 14 Mar 2023 19:34  
Operator : JC\MD  
Sample : 01905-05  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

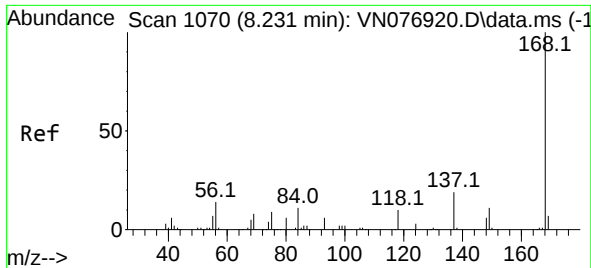
Instrument :  
MSVOA\_N  
ClientSampleId :  
MAPLE-1

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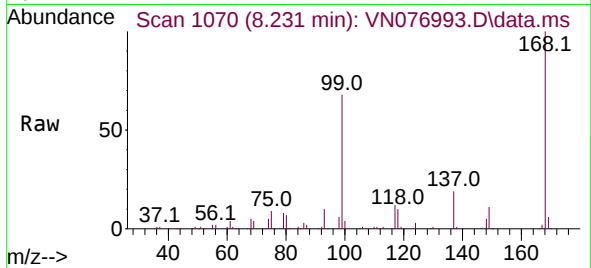
Quant Time: Mar 15 04:29:45 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031023W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 10 13:47:39 2023  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VN076993.D  
Acq: 14 Mar 2023 19:34

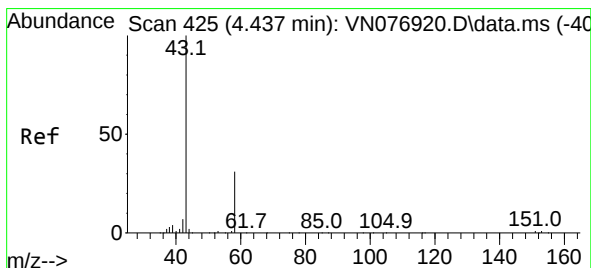
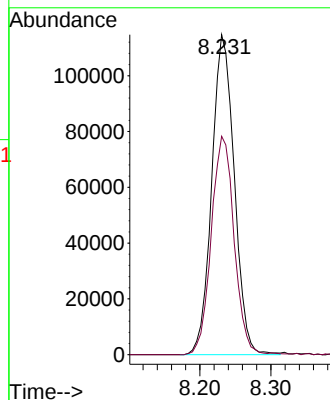
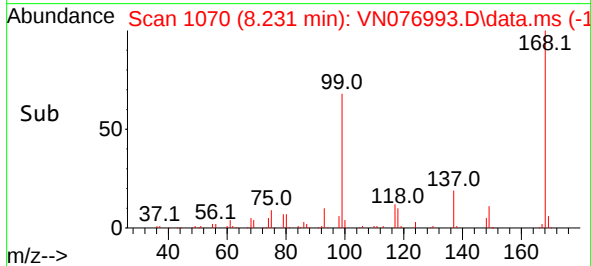
Instrument :  
MSVOA\_N  
ClientSampleId :  
MAPLE-1



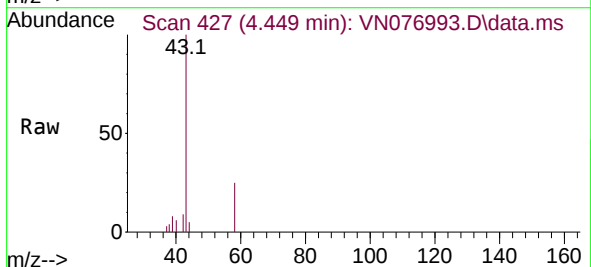
Tgt Ion:168 Resp: 252174  
Ion Ratio Lower Upper  
168 100  
99 68.3 48.6 73.0

Manual Integrations  
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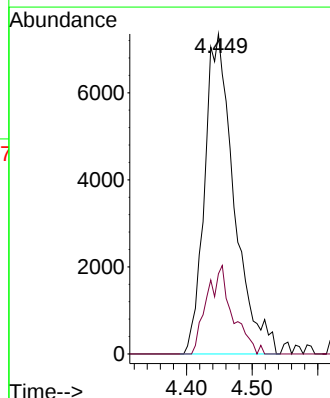
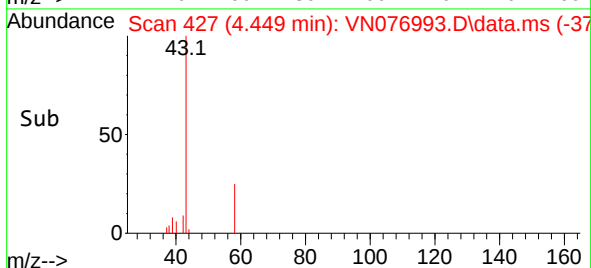
Reviewed By :John Carlone 03/15/2023  
Supervised By :Mahesh Dadoda 03/15/2023

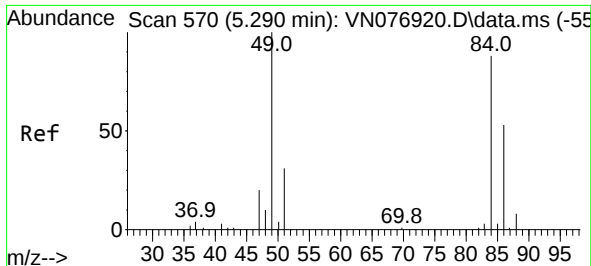


#16  
Acetone  
Concen: 17.614 ug/l  
RT: 4.449 min Scan# 427  
Delta R.T. 0.012 min  
Lab File: VN076993.D  
Acq: 14 Mar 2023 19:34



Tgt Ion: 43 Resp: 22968  
Ion Ratio Lower Upper  
43 100  
58 25.0 28.2 42.2#





#20

Methylene Chloride

Concen: 2.369 ug/l

RT: 5.290 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN076993.D

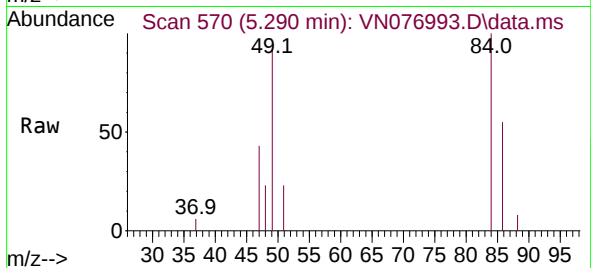
Acq: 14 Mar 2023 19:34

Instrument :

MSVOA\_N

ClientSampleId :

MAPLE-1



Tgt Ion: 84 Resp: 794

Ion Ratio Lower Upper

84 100

49 91.6 76.6 114.8

51 23.1 25.4 38.2

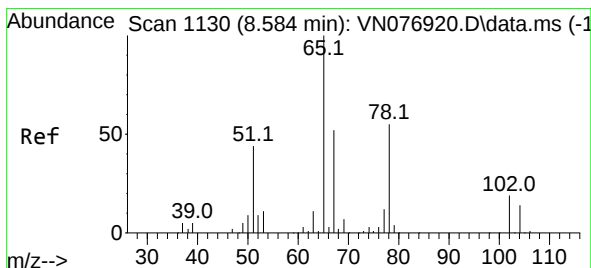
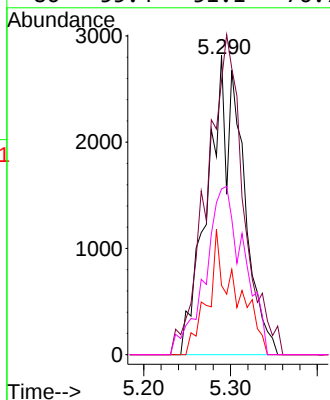
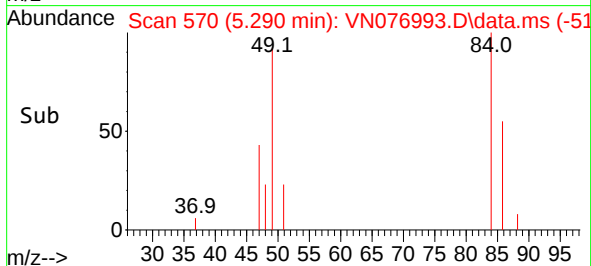
86 55.4 51.1 76.7

Manual Integrations

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Supervised By :Mahesh Dadoda 03/15/2023



#33

1,2-Dichloroethane-d4

Concen: 49.929 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076993.D

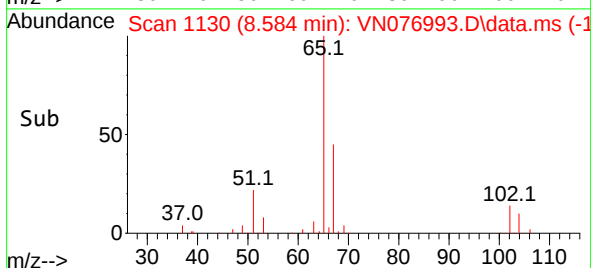
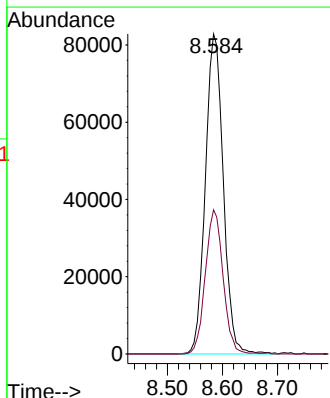
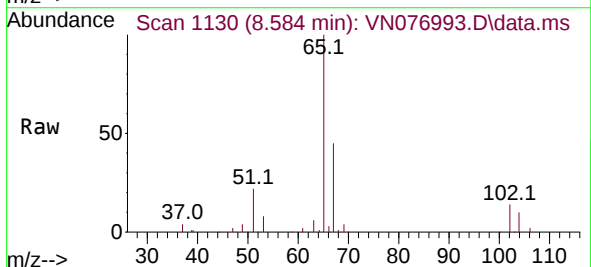
Acq: 14 Mar 2023 19:34

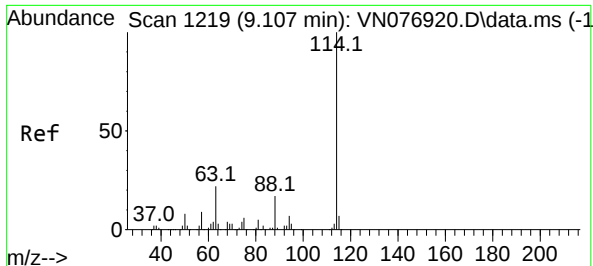
Tgt Ion: 65 Resp: 187890

Ion Ratio Lower Upper

65 100

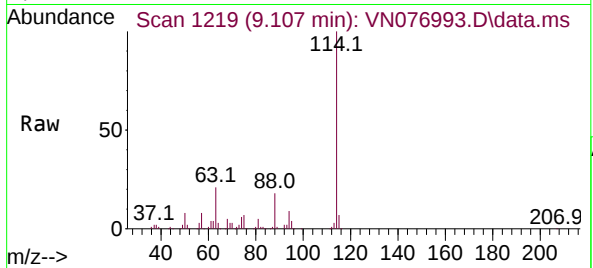
67 44.7 0.0 107.2





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.107 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VN076993.D  
Acq: 14 Mar 2023 19:34

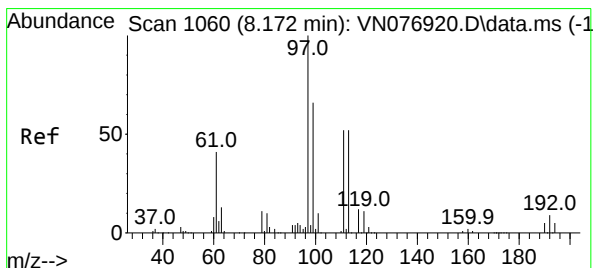
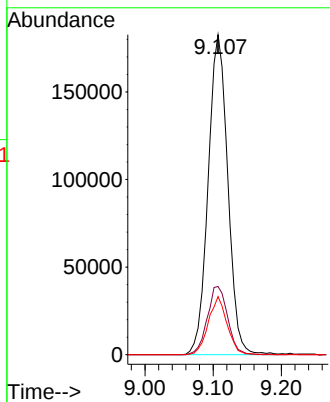
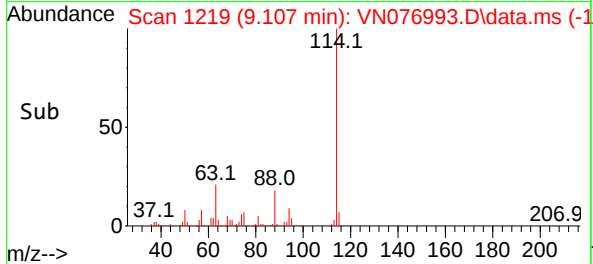
Instrument :  
MSVOA\_N  
ClientSampleId :  
MAPLE-1



Tgt Ion:114 Resp: 366680  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 36.6  
88 18.2 0.0 28.6

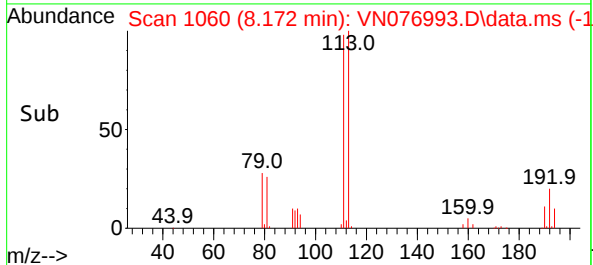
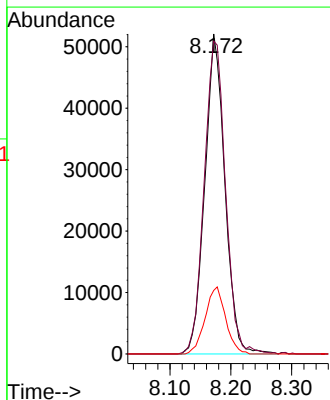
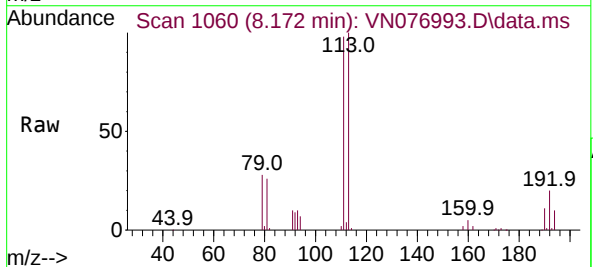
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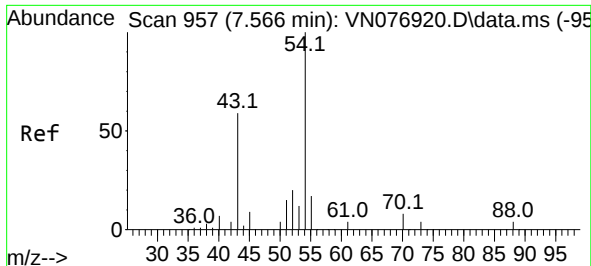
Reviewed By :John Carlone 03/15/2023  
Supervised By :Mahesh Dadoda 03/15/2023



#35  
Dibromofluoromethane  
Concen: 48.772 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN076993.D  
Acq: 14 Mar 2023 19:34

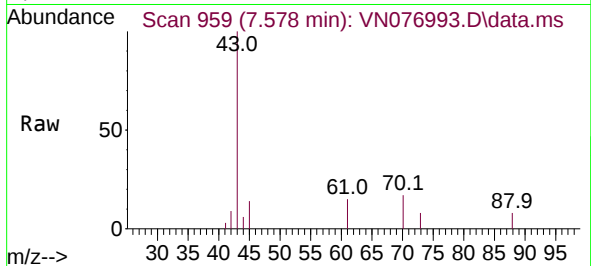
Tgt Ion:113 Resp: 119189  
Ion Ratio Lower Upper  
113 100  
111 104.0 81.8 122.8  
192 21.3 13.9 20.9#





#37  
Ethyl Acetate  
Concen: 8.650 ug/l  
RT: 7.578 min Scan# 957  
Delta R.T. 0.012 min  
Lab File: VN076993.D  
Acq: 14 Mar 2023 19:34

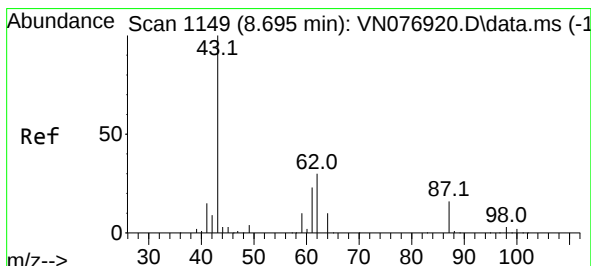
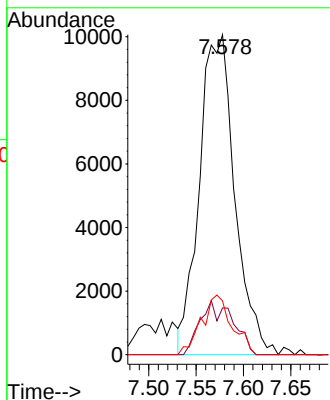
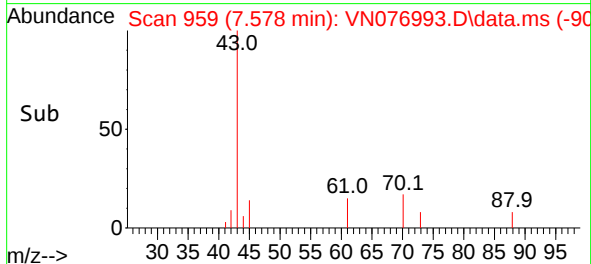
Instrument :  
MSVOA\_N  
ClientSampleId :  
MAPLE-1



Tgt Ion: 43 Resp: 26144  
Ion Ratio Lower Upper  
43 100  
61 8.3 13.5 20.3#  
70 16.0 11.0 16.6

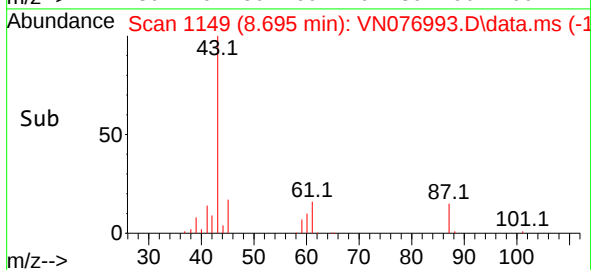
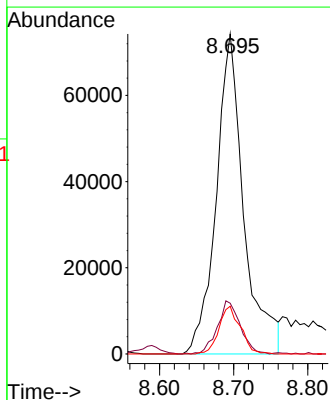
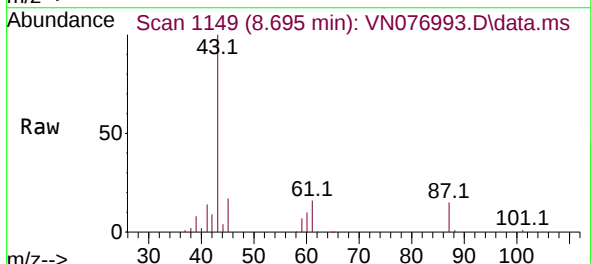
Manual Integrations  
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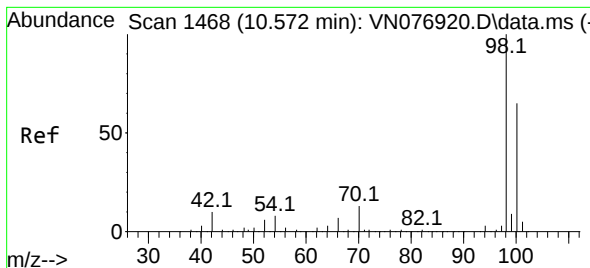
Reviewed By :John Carlone 03/15/2023  
Supervised By :Mahesh Dadoda 03/15/2023



#43  
Isopropyl Acetate  
Concen: 35.853 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: VN076993.D  
Acq: 14 Mar 2023 19:34

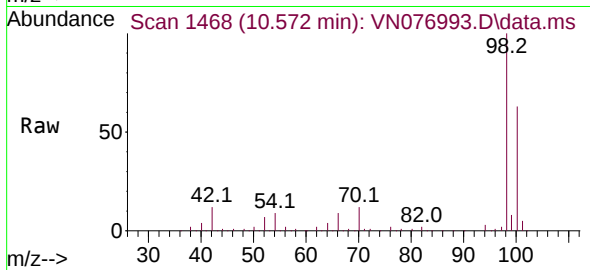
Tgt Ion: 43 Resp: 191303  
Ion Ratio Lower Upper  
43 100  
61 13.8 26.2 39.2#  
87 11.7 14.8 22.2#





#50  
Toluene-d8  
Concen: 48.495 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VN076993.D  
Acq: 14 Mar 2023 19:34

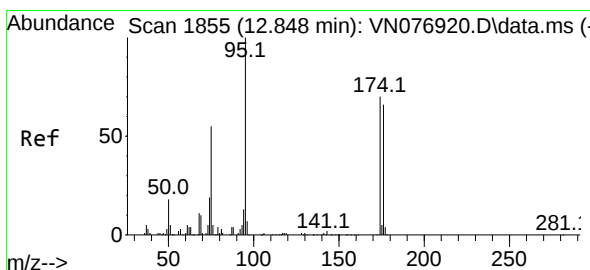
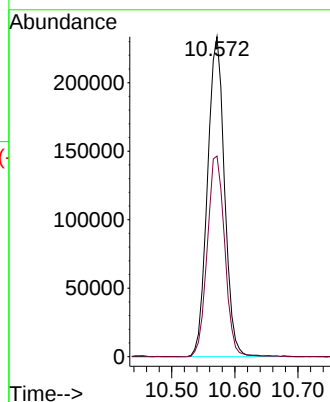
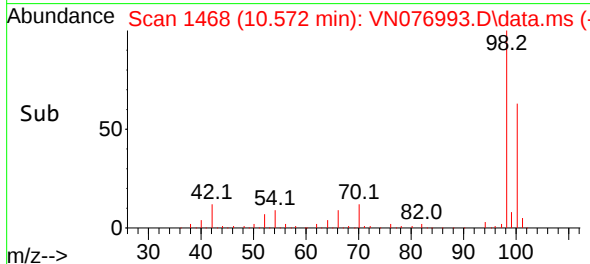
Instrument :  
MSVOA\_N  
ClientSampleId :  
MAPLE-1



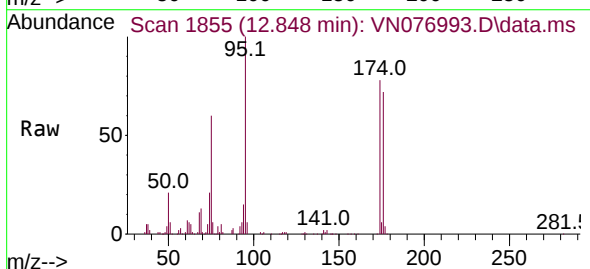
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Ion Ratio Lower Upper  
98 100  
100 64.3 52.8 79.2

Manual Integrations  
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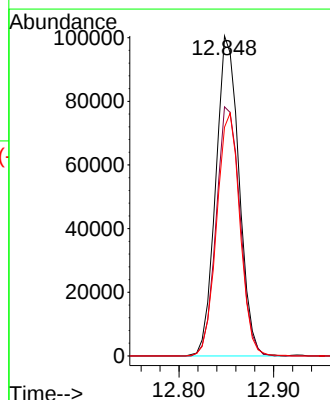
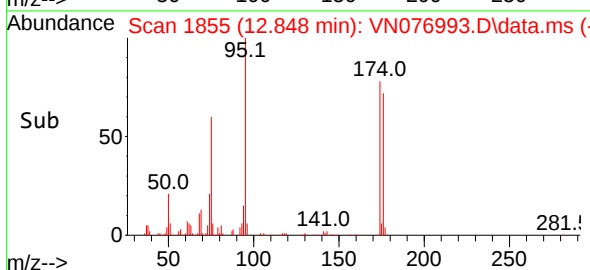
Reviewed By :John Carlone 03/15/2023  
Supervised By :Mahesh Dadoda 03/15/2023

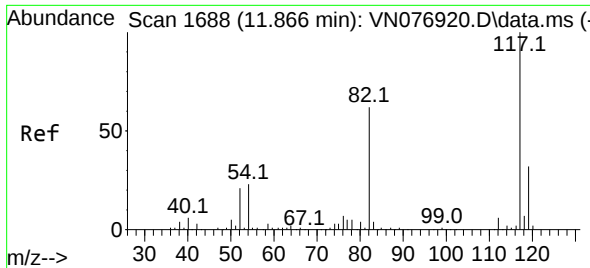


#62  
4-Bromofluorobenzene  
Concen: 52.090 ug/l  
RT: 12.848 min Scan# 1855  
Delta R.T. 0.000 min  
Lab File: VN076993.D  
Acq: 14 Mar 2023 19:34



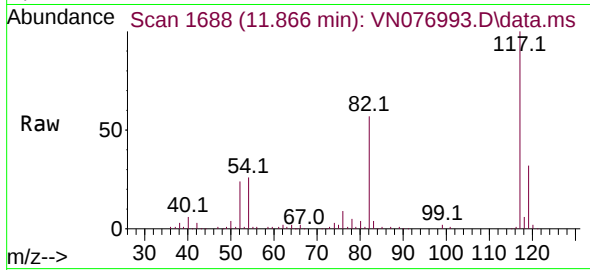
Tgt Ion: 95 Resp: 171602  
Ion Ratio Lower Upper  
95 100  
174 79.7 0.0 162.4  
176 75.8 0.0 157.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN076993.D  
Acq: 14 Mar 2023 19:34

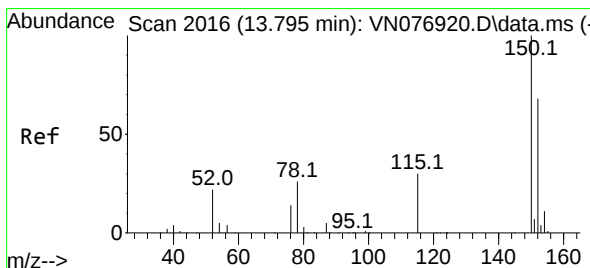
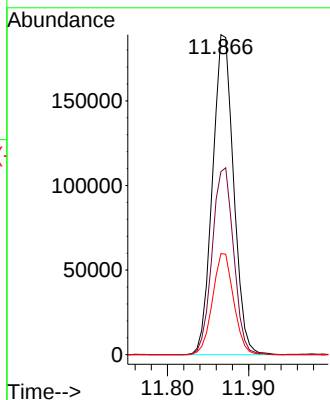
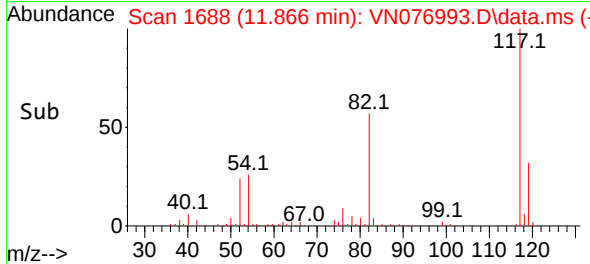
Instrument :  
MSVOA\_N  
ClientSampleId :  
MAPLE-1



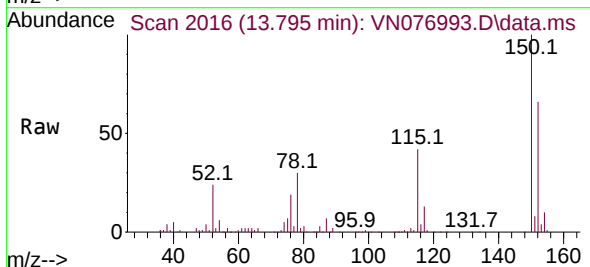
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Ion Ratio Lower Upper  
117 100  
82 57.2 43.5 65.3  
119 31.6 25.5 38.3

Manual Integrations  
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Reviewed By :John Carlone 03/15/2023  
Supervised By :Mahesh Dadoda 03/15/2023



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN076993.D  
Acq: 14 Mar 2023 19:34



Tgt Ion:152 Resp: 157864  
Ion Ratio Lower Upper  
152 100  
115 65.7 30.3 90.9  
150 154.9 0.0 353.6

