

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111523\  
 Data File : VN080123.D  
 Acq On : 15 Nov 2023 20:15  
 Operator : JC\MD  
 Sample : 05432-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-8

Quant Time: Nov 15 21:59:17 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/16/2023  
 Supervised By : Mahesh Dadoda 11/17/2023

| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 8.224          | 168  | 188076              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106          | 114  | 361476              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 390049              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 172211              | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583          | 65   | 161177              | 56.249 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 112.500% |        |        |          |
| 35) Dibromofluoromethane    | 8.171          | 113  | 124949              | 48.839 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 97.680%  |        |        |          |
| 50) Toluene-d8              | 10.571         | 98   | 462452              | 49.101 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 98.200%  |        |        |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95   | 186726              | 59.779 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 119.560% |        |        |          |
| Target Compounds            |                |      |                     |        |        |          |
|                             |                |      |                     |        |        | Qvalue   |
| 16) Acetone                 | 4.436          | 43   | 42205               | 41.932 | ug/l   | 91       |
| 18) Methyl Acetate          | 5.030          | 43   | 6249m               | 1.298  | ug/l   |          |
| 20) Methylene Chloride      | 5.277          | 84   | 10887               | 4.287  | ug/l   | 97       |
| 43) Isopropyl Acetate       | 8.688          | 43   | 204737              | 34.848 | ug/l # | 76       |
| -----                       |                |      |                     |        |        |          |

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

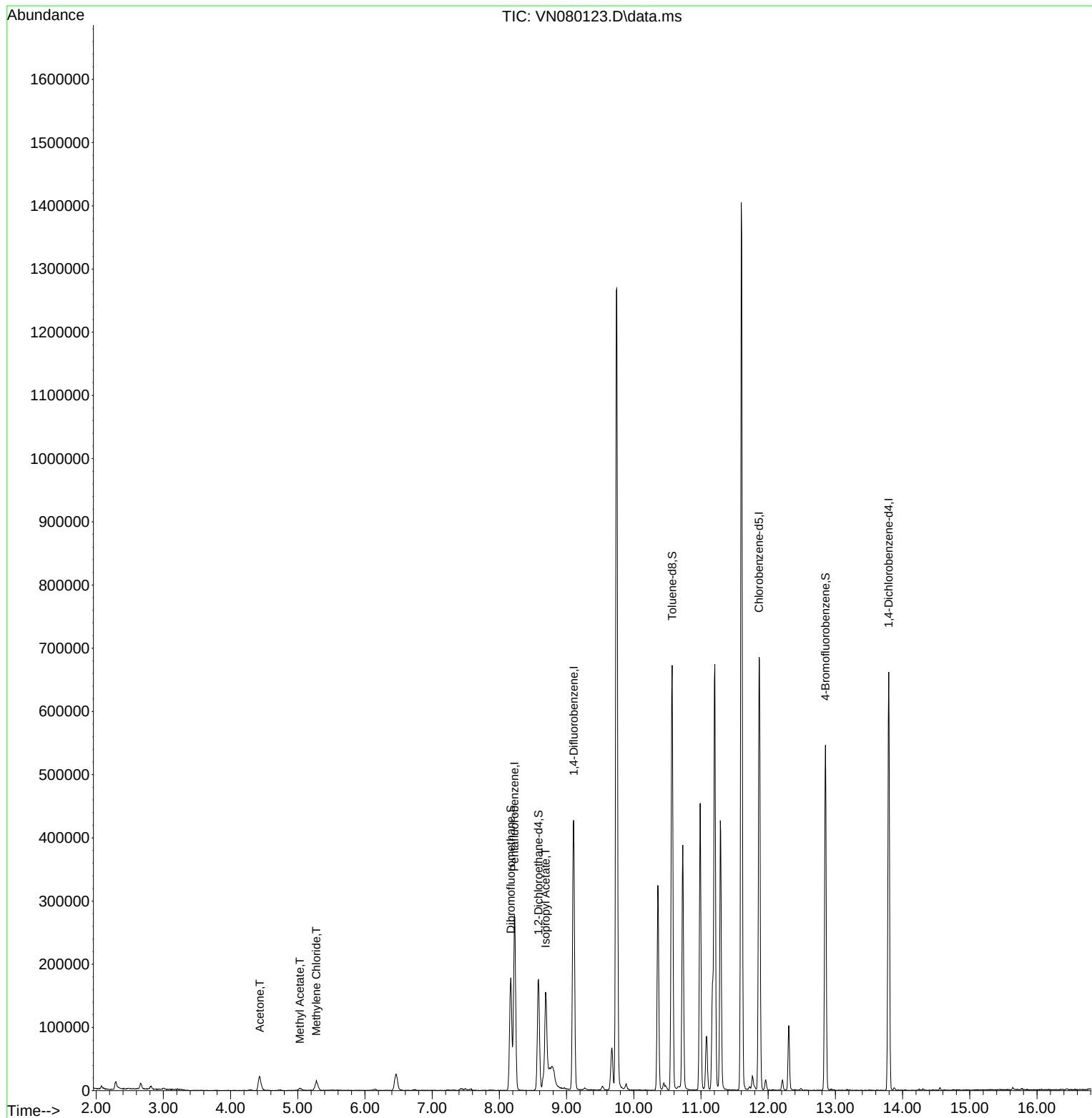
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111523\  
Data File : VN080123.D  
Acq On : 15 Nov 2023 20:15  
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Sample : 05432-12  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

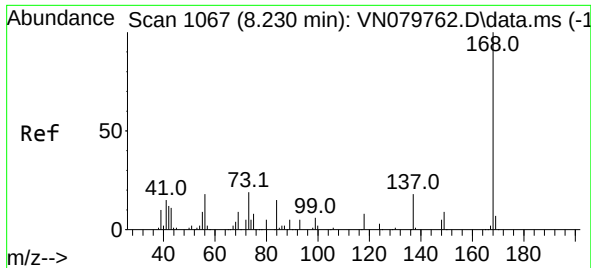
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-8

Quant Time: Nov 15 21:59:17 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 02 05:49:08 2023  
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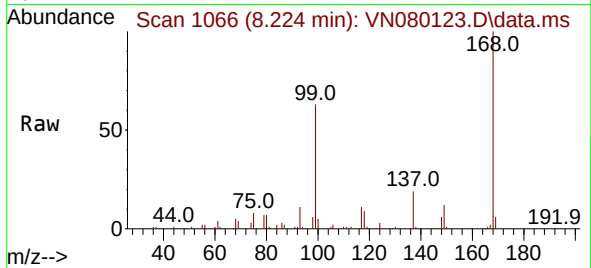
Reviewed By :John Carlone 11/16/2023  
Supervised By :Mahesh Dadoda 11/17/2023





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.005 min  
Lab File: VN080123.D  
Acq: 15 Nov 2023 20:15

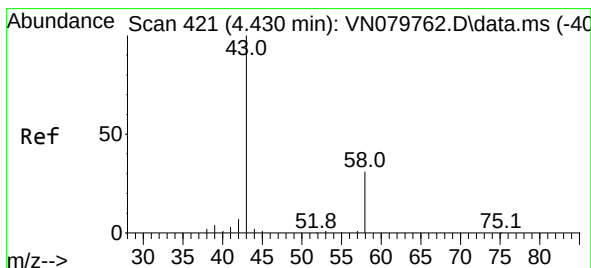
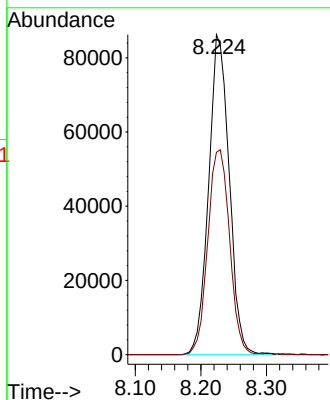
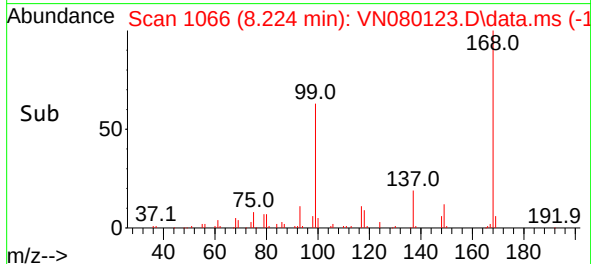
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-8



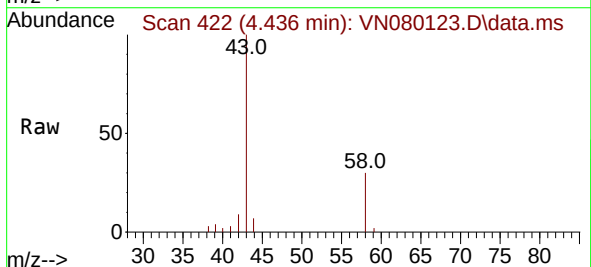
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Ion Ratio Lower Upper  
168 100  
99 63.2 53.0 79.6

Manual Integrations  
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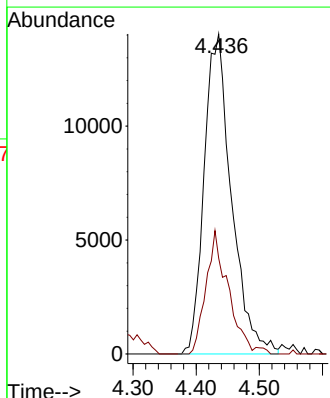
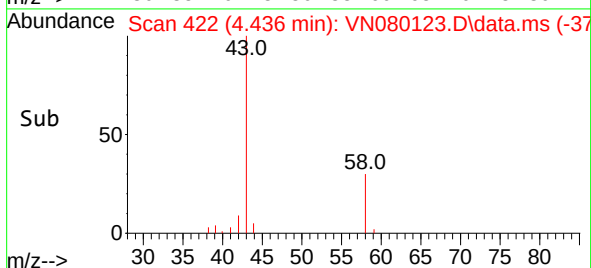
Reviewed By :John Carlone 11/16/2023  
Supervised By :Mahesh Dadoda 11/17/2023

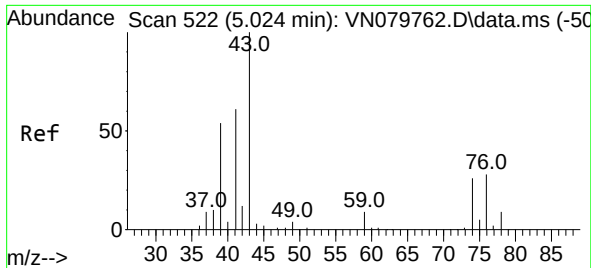


#16  
Acetone  
Concen: 41.932 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN080123.D  
Acq: 15 Nov 2023 20:15



Tgt Ion: 43 Resp: 42205  
Ion Ratio Lower Upper  
43 100  
58 29.9 28.0 42.0





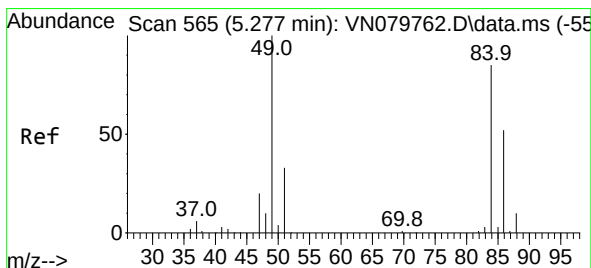
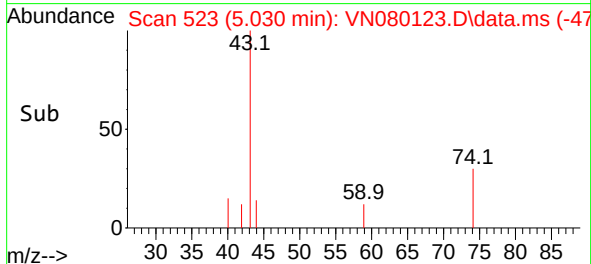
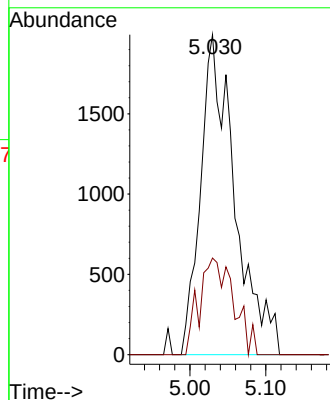
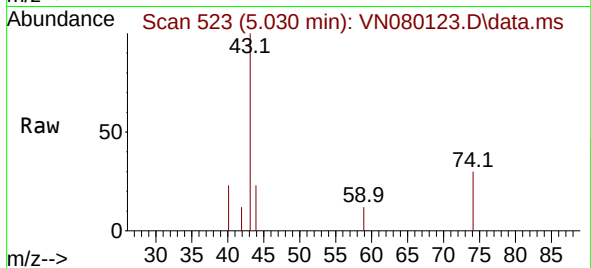
#18  
Methyl Acetate  
Concen: 1.298 ug/l m  
RT: 5.030 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN080123.D  
Acq: 15 Nov 2023 20:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-8

Tgt Ion: 43 Resp: 6249  
Ion Ratio Lower Upper  
43 100  
74 30.2 26.2 39.4

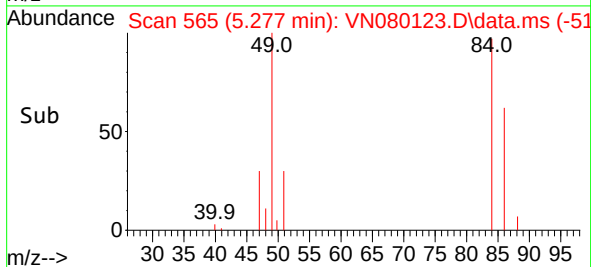
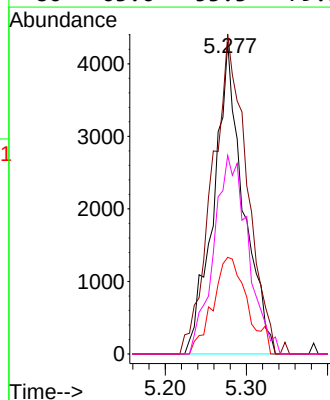
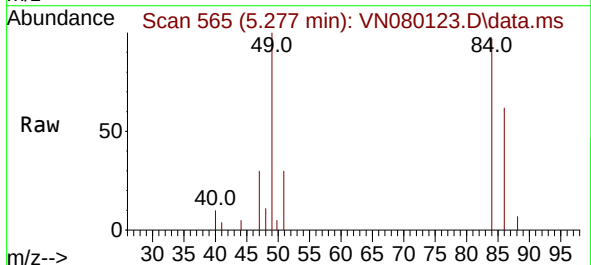
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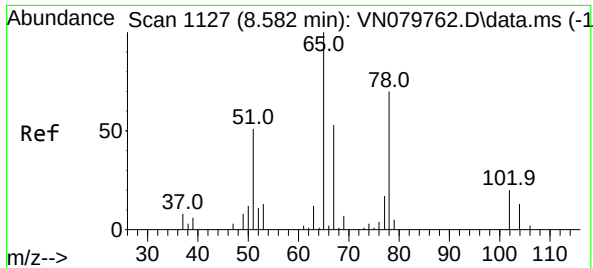
Reviewed By :John Carlone 11/16/2023  
Supervised By :Mahesh Dadoda 11/17/2023



#20  
Methylene Chloride  
Concen: 4.287 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN080123.D  
Acq: 15 Nov 2023 20:15

Tgt Ion: 84 Resp: 10887  
Ion Ratio Lower Upper  
84 100  
49 102.6 79.7 119.5  
51 31.0 25.2 37.8  
86 63.6 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 56.249 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080123.D

Acq: 15 Nov 2023 20:15

Instrument :

MSVOA\_N

ClientSampleId :

TP-8

Tgt Ion: 65 Resp: 16117

Ion Ratio Lower Upper

65 100

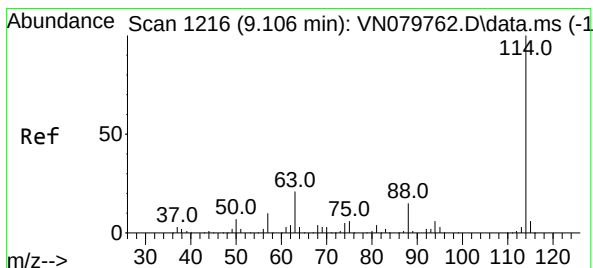
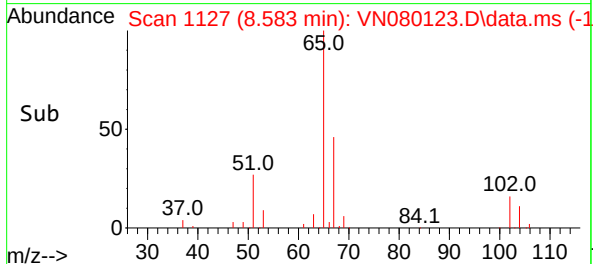
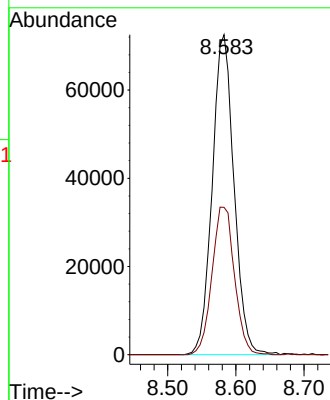
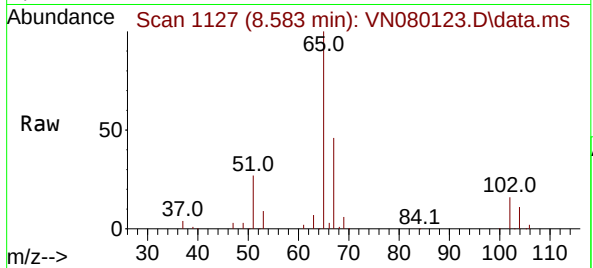
67 47.7 0.0 106.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080123.D

Acq: 15 Nov 2023 20:15

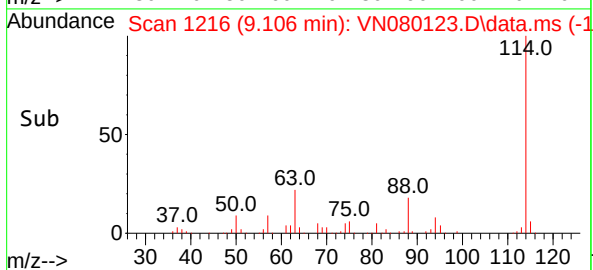
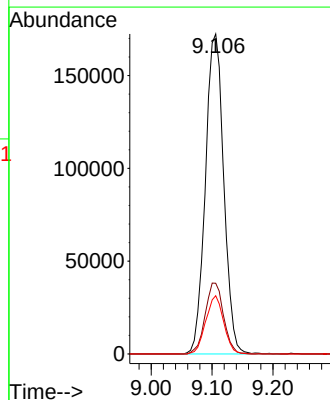
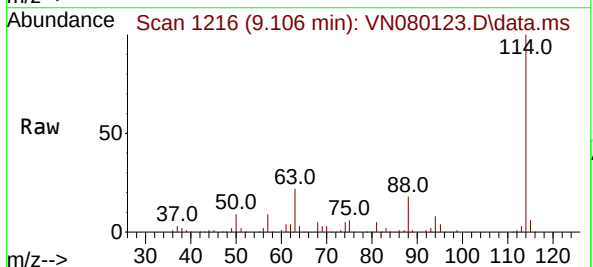
Tgt Ion:114 Resp: 361476

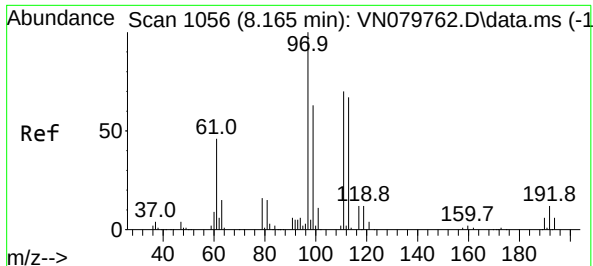
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 18.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.839 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080123.D

Acq: 15 Nov 2023 20:15

Instrument :

MSVOA\_N

ClientSampleId :

TP-8

Tgt Ion:113 Resp: 124949

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

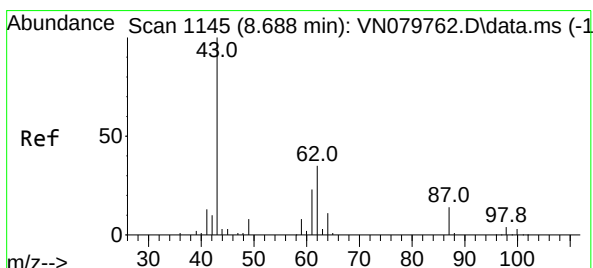
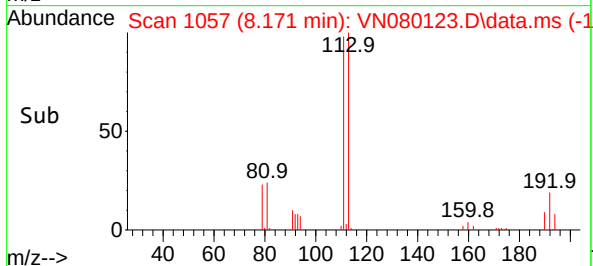
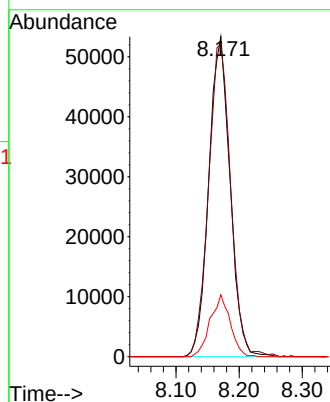
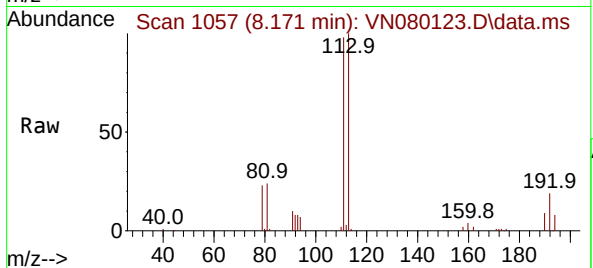
192 18.2 12.7 19.1

Manual Integrations

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Reviewed By :John Carlone 11/16/2023

Supervised By :Mahesh Dadoda 11/17/2023



#43

Isopropyl Acetate

Concen: 34.848 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080123.D

Acq: 15 Nov 2023 20:15

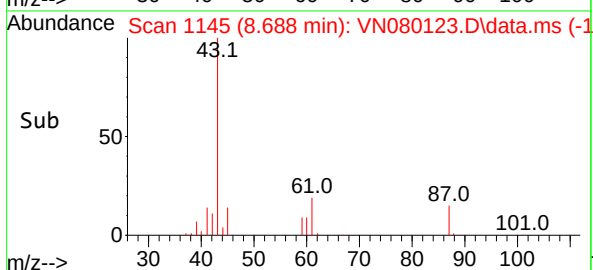
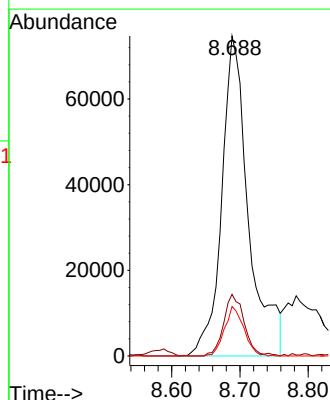
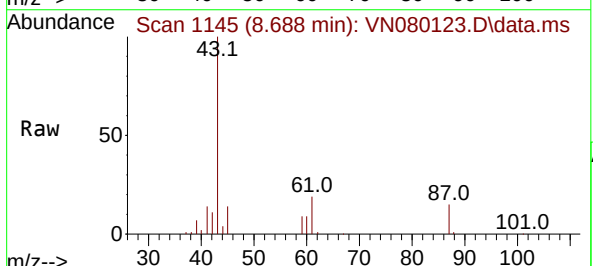
Tgt Ion: 43 Resp: 204737

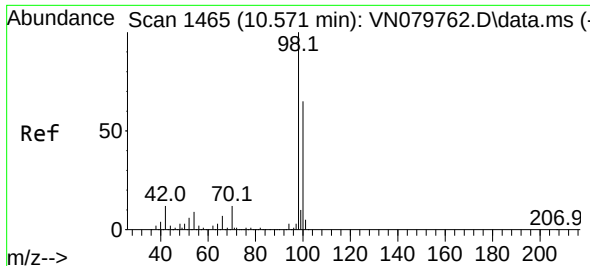
Ion Ratio Lower Upper

43 100

61 14.8 24.7 37.1#

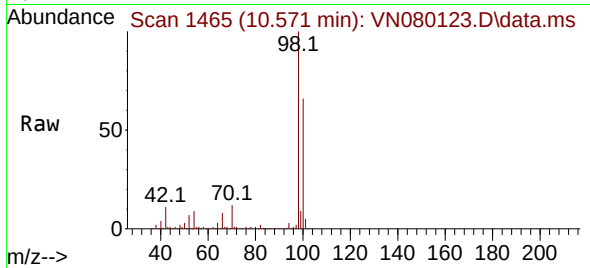
87 11.2 14.6 21.8#





#50  
Toluene-d8  
Concen: 49.101 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN080123.D  
Acq: 15 Nov 2023 20:15

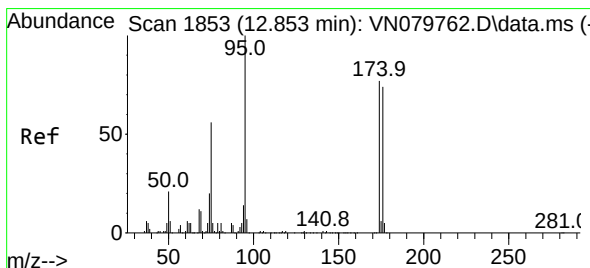
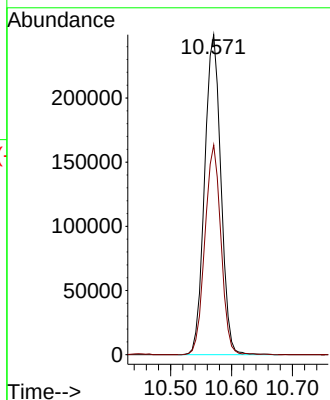
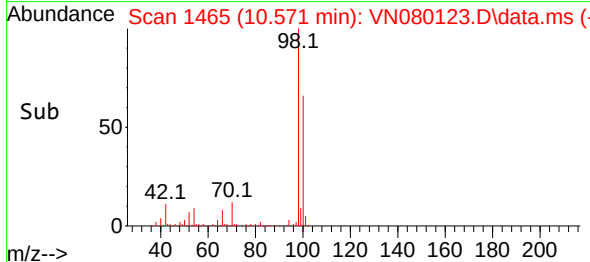
Instrument :  
MSVOA\_N  
ClientSampleId :  
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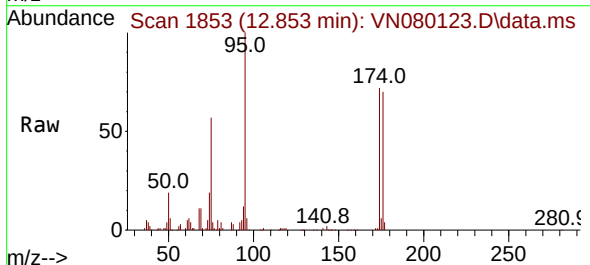
Tgt Ion: 98 Resp: 462452  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.0 78.0

Manual Integrations  
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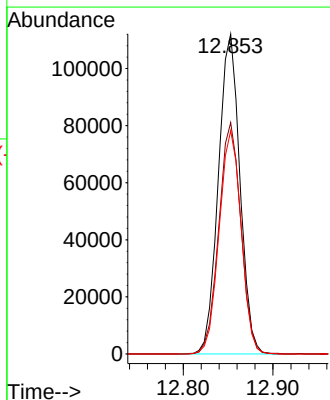
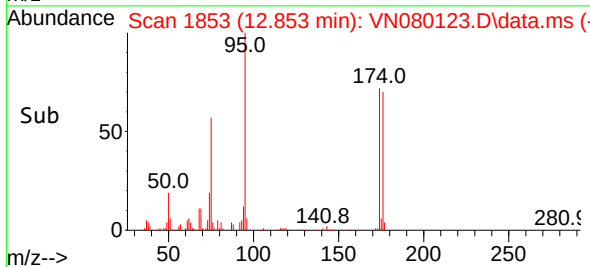
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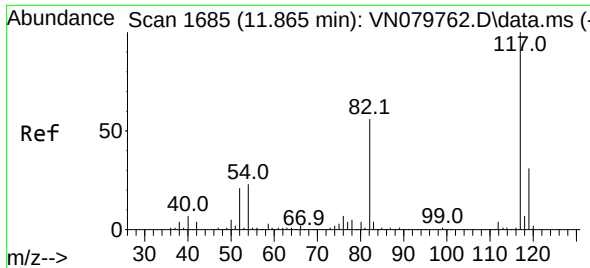


#62  
4-Bromofluorobenzene  
Concen: 59.779 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN080123.D  
Acq: 15 Nov 2023 20:15



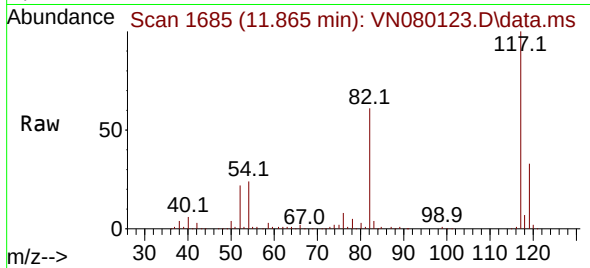
Tgt Ion: 95 Resp: 186726  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 143.8  
176 71.1 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VN080123.D  
Acq: 15 Nov 2023 20:15

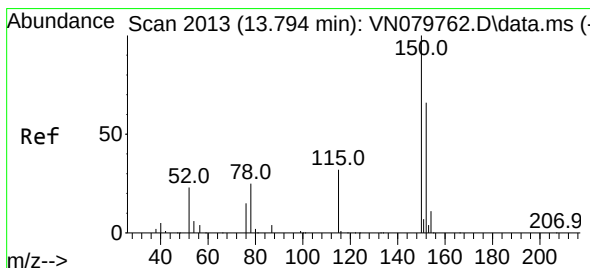
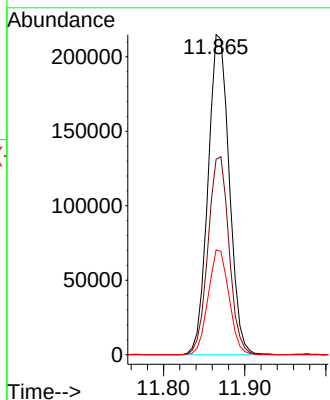
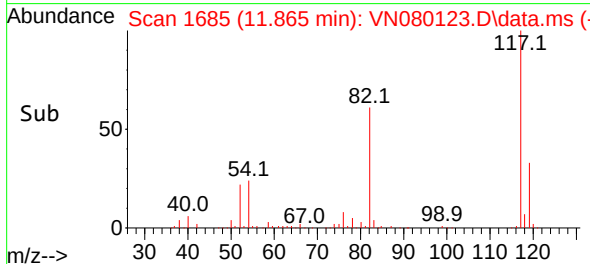
Instrument :  
MSVOA\_N  
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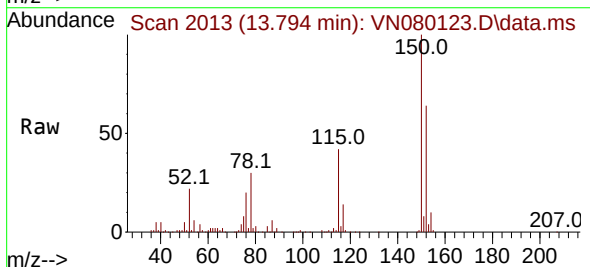
Tgt Ion:117 Resp: 390049  
Ion Ratio Lower Upper  
117 100  
82 61.1 44.0 66.0  
119 32.7 25.6 38.4

Manual Integrations  
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Supervised By :Mahesh Dadoda 11/17/2023



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN080123.D  
Acq: 15 Nov 2023 20:15



Tgt Ion:152 Resp: 172211  
Ion Ratio Lower Upper  
152 100  
115 65.3 32.3 96.8  
150 159.0 0.0 355.8

