

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102224\  
 Data File : VN084462.D  
 Acq On : 22 Oct 2024 18:21  
 Operator : JC\MD  
 Sample : P4397-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WB-301-BOT

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/23/2024  
 Supervised By : Mahesh Dadoda 10/23/2024

Quant Time: Oct 23 01:32:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 01 07:11:01 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.224          | 168  | 168250     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100          | 114  | 297819     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117  | 273036     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 103880     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582          | 65   | 123682     | 49.580   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 99.160%  |        |          |
| 35) Dibromofluoromethane    | 8.165          | 113  | 98197      | 50.014   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 100.020% |        |          |
| 50) Toluene-d8              | 10.565         | 98   | 376295     | 52.092   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 104.180% |        |          |
| 62) 4-Bromofluorobenzene    | 12.847         | 95   | 127222     | 48.344   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 96.680%  |        |          |
| Target Compounds            |                |      |            |          |        |          |
|                             |                |      |            |          |        | Qvalue   |
| 16) Acetone                 | 4.430          | 43   | 26114      | 24.368   | ug/l   | 95       |
| 20) Methylene Chloride      | 5.265          | 84   | 3526m      | 1.619    | ug/l   |          |
| 43) Isopropyl Acetate       | 8.688          | 43   | 141080     | 24.618   | ug/l # | 88       |
| 95) Naphthalene             | 15.647         | 128  | 10247      | 1.784    | ug/l   | 98       |
| -----                       |                |      |            |          |        |          |

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

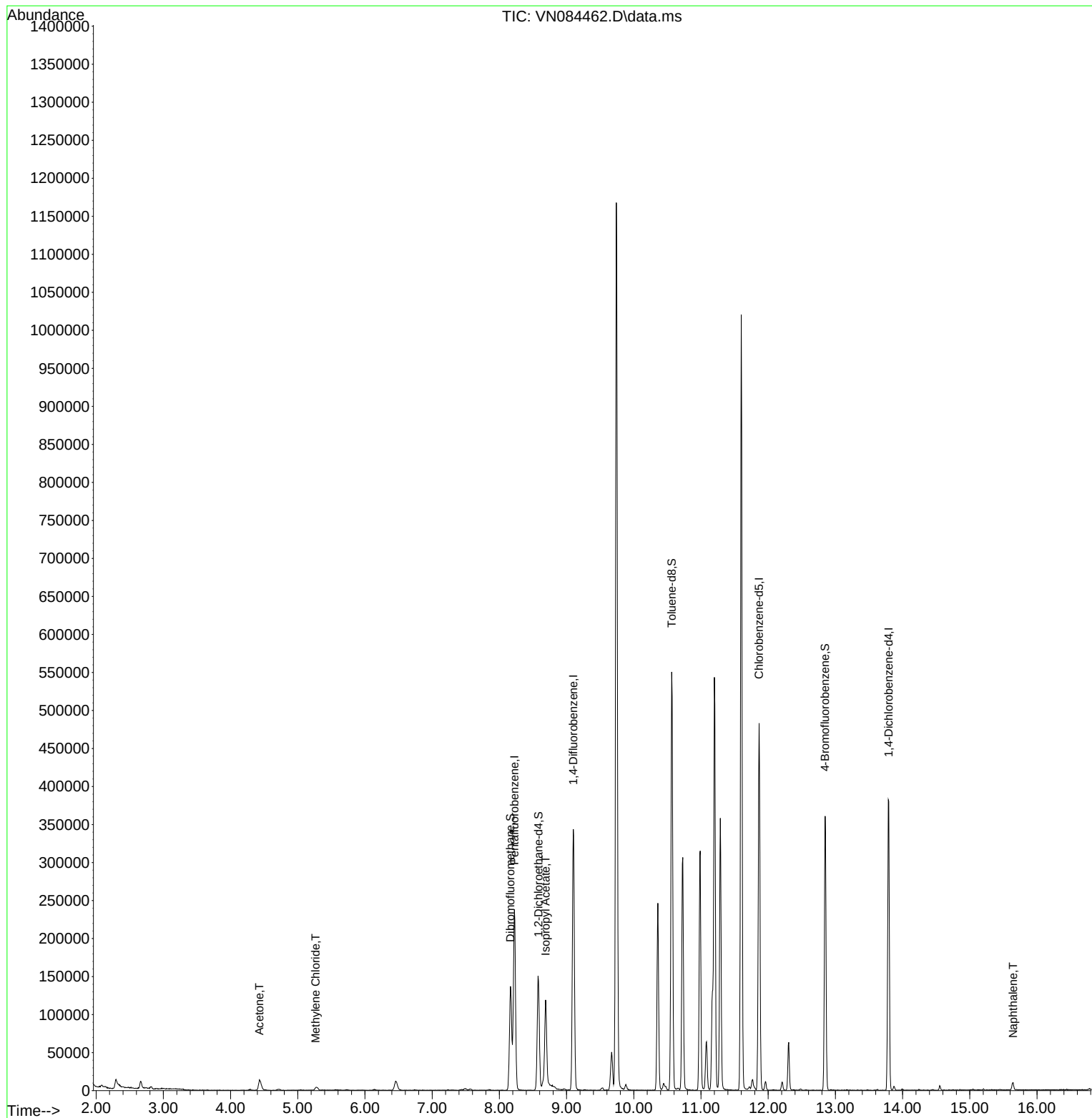
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102224\  
Data File : VN084462.D  
Acq On : 22 Oct 2024 18:21  
Operator : JC\MD  
Sample : P4397-06  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 16 Sample Multiplier: 1

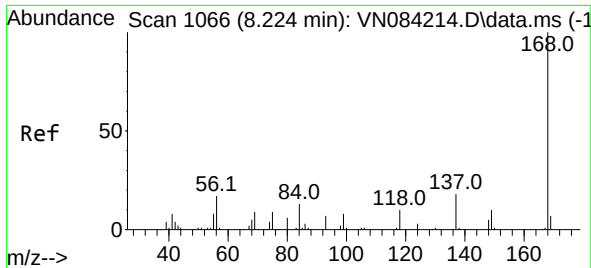
Instrument :  
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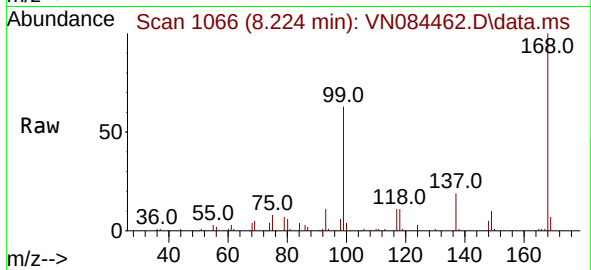
Quant Time: Oct 23 01:32:12 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 01 07:11:01 2024  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21

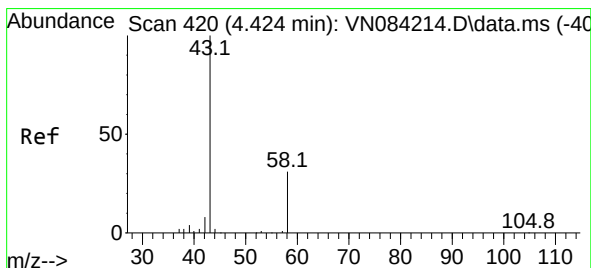
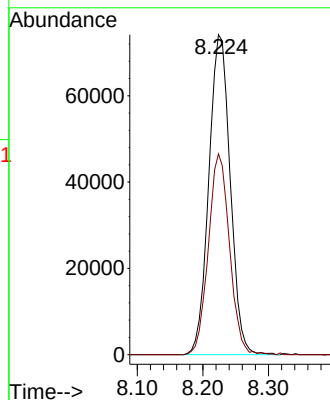
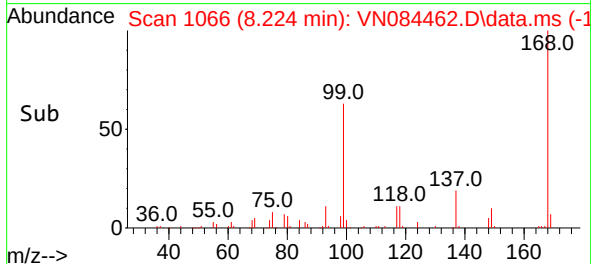
Instrument :  
MSVOA\_N  
ClientSampleId :  
WB-301-BOT



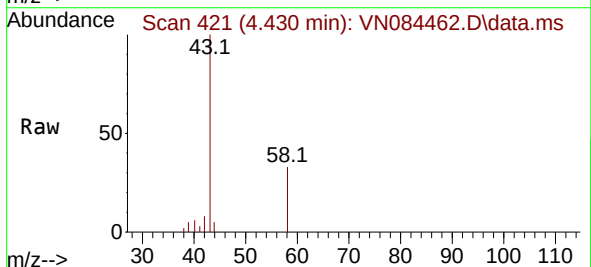
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Ion Ratio Lower Upper  
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99 62.8 54.2 81.2

Manual Integrations  
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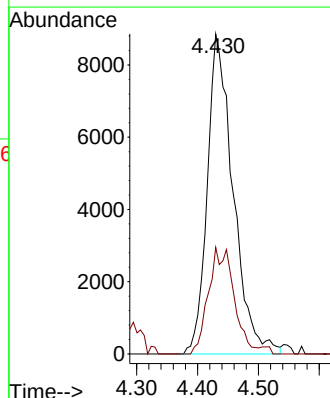
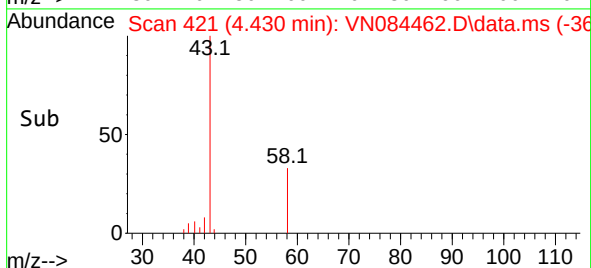
Reviewed By :Semsettin Yesilyurt 10/23/2024  
Supervised By :Mahesh Dadoda 10/23/2024

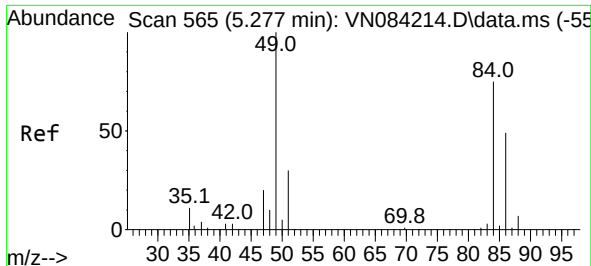


#16  
Acetone  
Concen: 24.368 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21



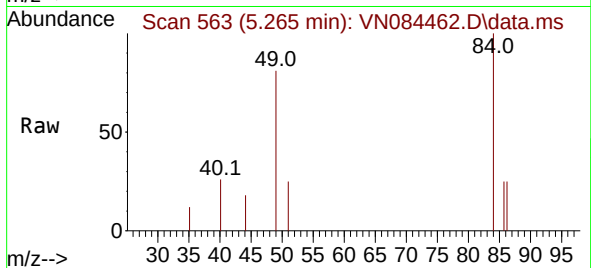
Tgt Ion: 43 Resp: 26114  
Ion Ratio Lower Upper  
43 100  
58 33.3 24.4 36.6





#20  
Methylene Chloride  
Concen: 1.619 ug/l m  
RT: 5.265 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21

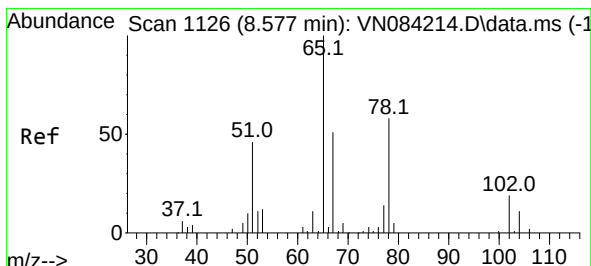
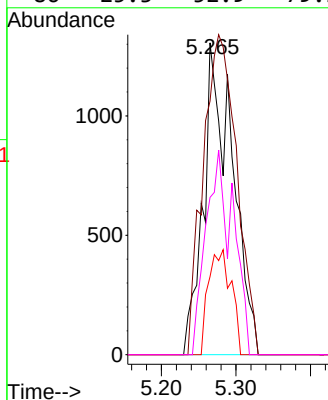
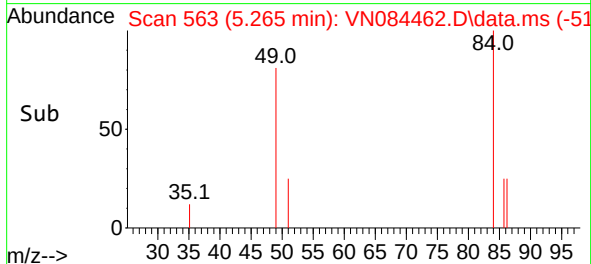
Instrument :  
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Tgt Ion: 84 Resp: 3520  
Ion Ratio Lower Upper  
84 100  
49 81.3 107.2 160.8  
51 25.0 31.8 47.8  
86 25.3 52.9 79.3

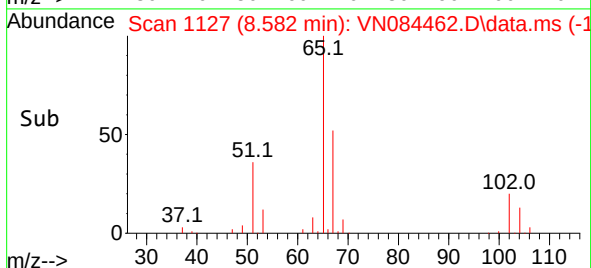
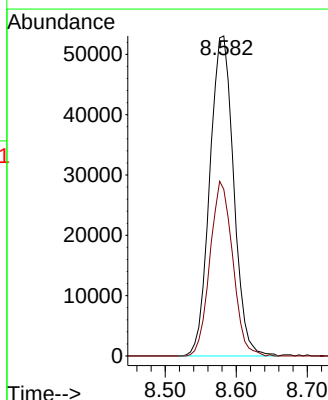
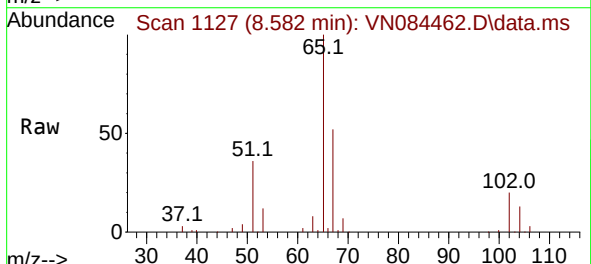
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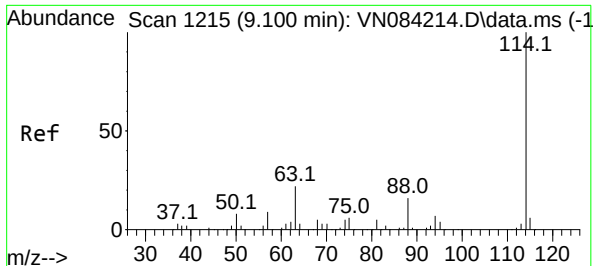
Reviewed By :Semsettin Yesilyurt 10/23/2024  
Supervised By :Mahesh Dadoda 10/23/2024



#33  
1,2-Dichloroethane-d4  
Concen: 49.580 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21

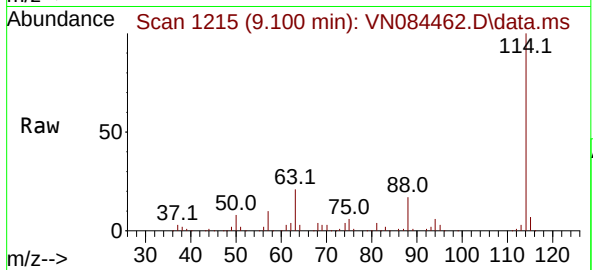
Tgt Ion: 65 Resp: 123682  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 102.0





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21

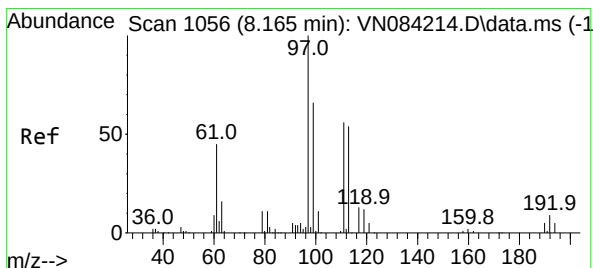
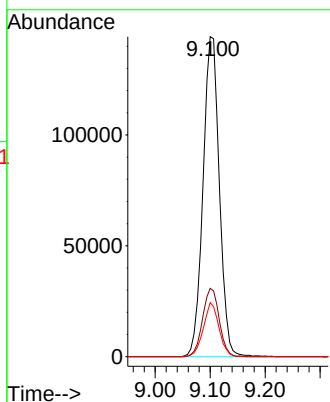
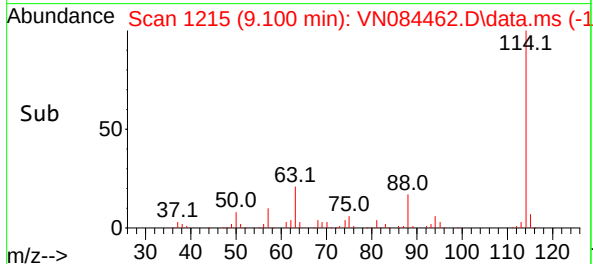
Instrument :  
MSVOA\_N  
ClientSampleId :  
WB-301-BOT



Tgt Ion:114 Resp: 297819  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 43.8  
88 16.9 0.0 31.6

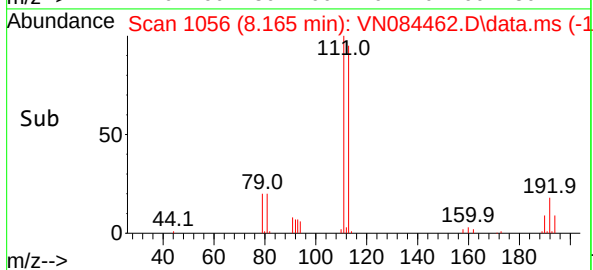
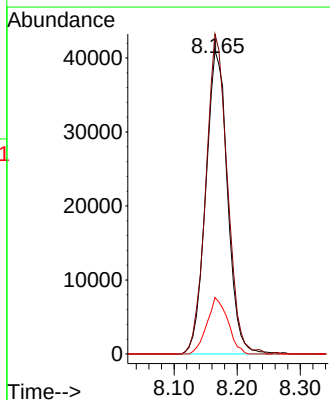
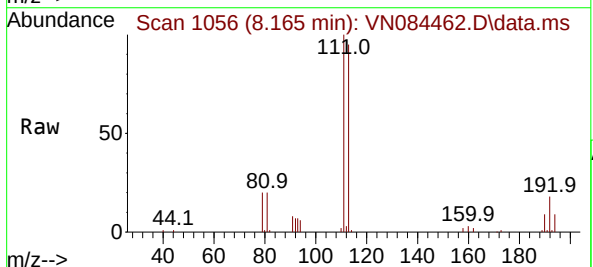
Manual Integrations  
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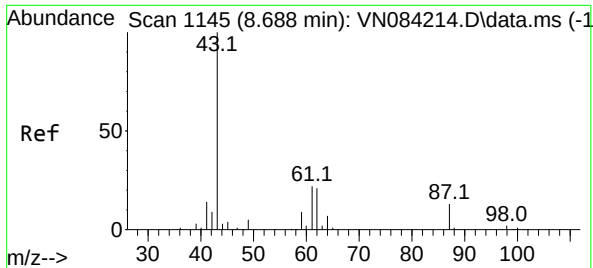
Reviewed By :Semsettin Yesilyurt 10/23/2024  
Supervised By :Mahesh Dadoda 10/23/2024



#35  
Dibromofluoromethane  
Concen: 50.014 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21

Tgt Ion:113 Resp: 98197  
Ion Ratio Lower Upper  
113 100  
111 104.3 83.3 124.9  
192 17.8 13.5 20.3





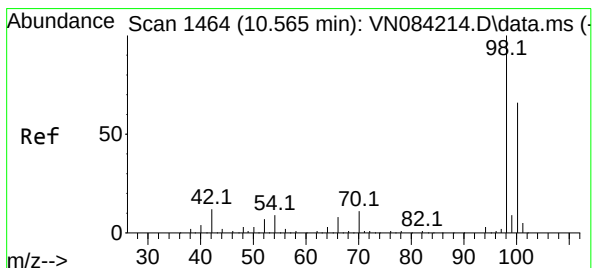
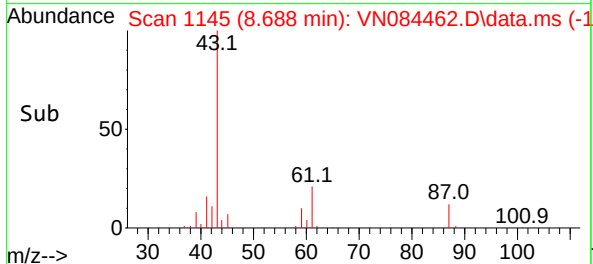
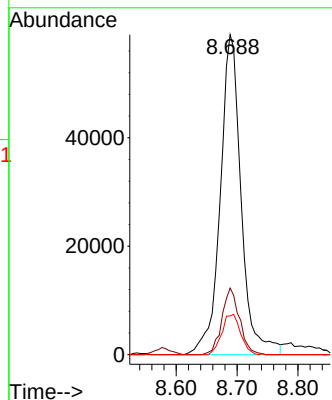
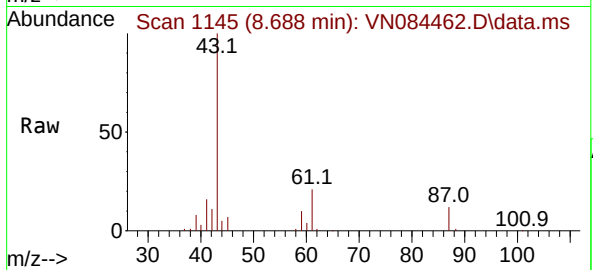
#43  
Isopropyl Acetate  
Concen: 24.618 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
WB-301-BOT

Tgt Ion: 43 Resp: 141080  
Ion Ratio Lower Upper  
43 100  
61 17.5 20.4 30.6  
87 11.3 10.3 15.5

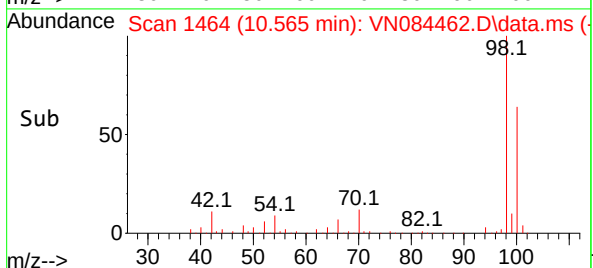
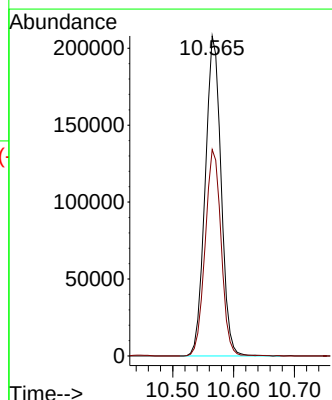
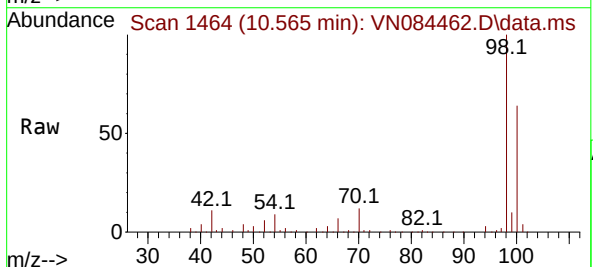
Manual Integrations  
APPROVED

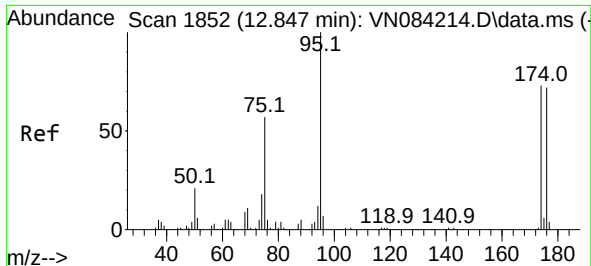
Reviewed By :Semsettin Yesilyurt 10/23/2024  
Supervised By :Mahesh Dadoda 10/23/2024



#50  
Toluene-d8  
Concen: 52.092 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21

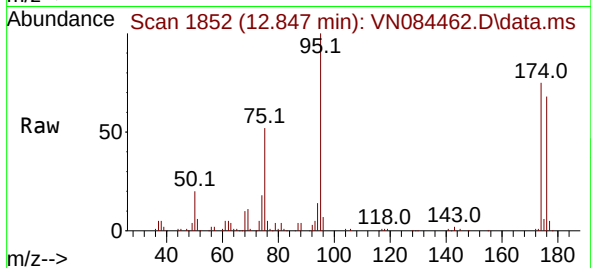
Tgt Ion: 98 Resp: 376295  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.7 79.1





#62  
4-Bromofluorobenzene  
Concen: 48.344 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21

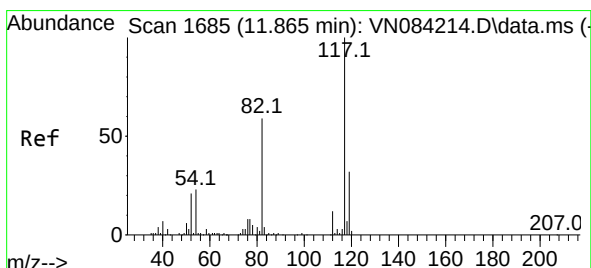
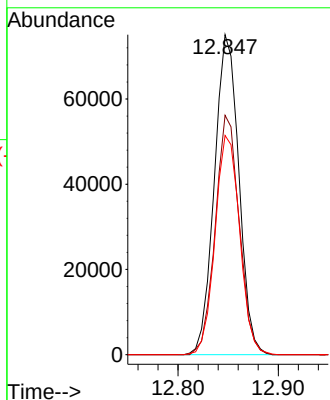
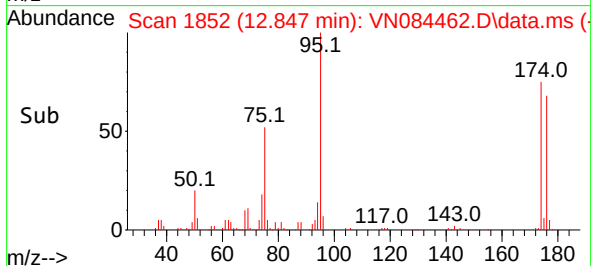
Instrument :  
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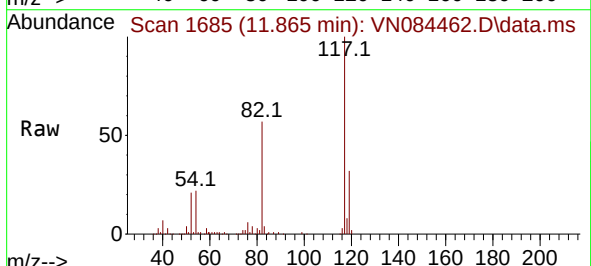
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Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 145.2  
176 69.0 0.0 140.0

Manual Integrations  
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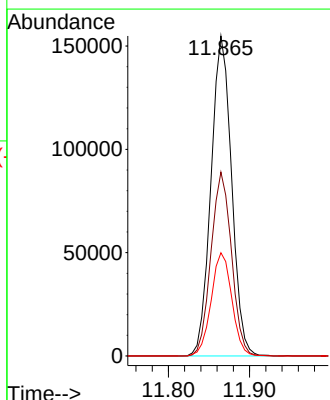
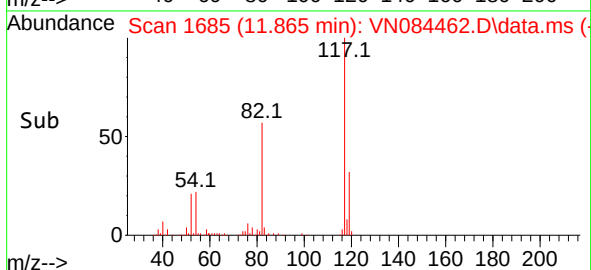
Reviewed By :Semsettin Yesilyurt 10/23/2024  
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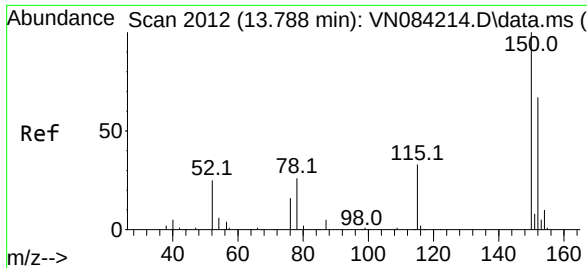


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21



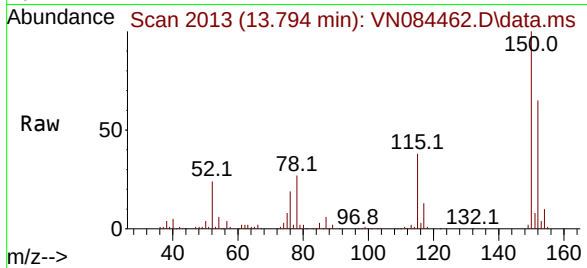
Tgt Ion:117 Resp: 273036  
Ion Ratio Lower Upper  
117 100  
82 57.4 47.2 70.8  
119 32.3 25.4 38.0





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2012  
Delta R.T. 0.006 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21

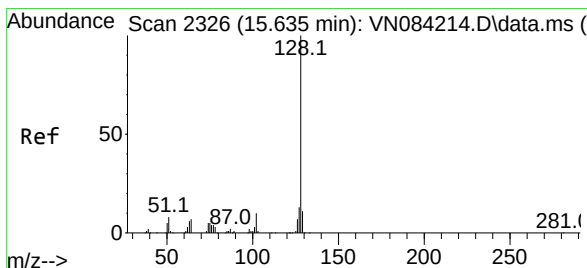
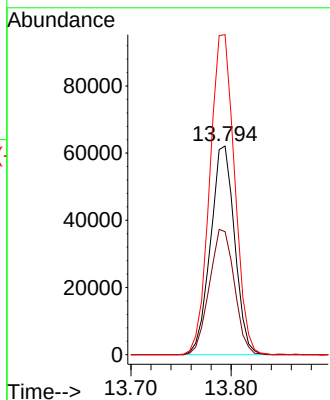
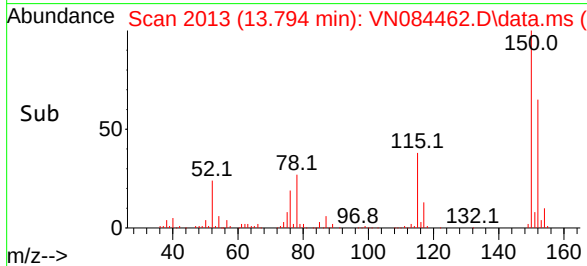
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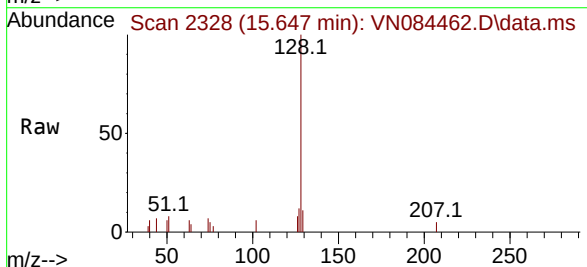
Tgt Ion:152 Resp: 103880  
Ion Ratio Lower Upper  
152 100  
115 62.2 31.3 93.9  
150 157.9 0.0 349.8

Manual Integrations  
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Supervised By :Mahesh Dadoda 10/23/2024



#95  
Naphthalene  
Concen: 1.784 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. 0.012 min  
Lab File: VN084462.D  
Acq: 22 Oct 2024 18:21



Tgt Ion:128 Resp: 10247  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.5 15.7  
129 10.1 8.7 13.1

