

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041224\  
 Data File : VN081714.D  
 Acq On : 12 Apr 2024 13:44  
 Operator : JC\MD  
 Sample : P2073-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RSB-01A-17-041024

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 04/15/2024  
 Supervised By : Mahesh Dadoda 04/15/2024

Quant Time: Apr 13 06:55:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 06:00:00 2024  
 Response via : Initial Calibration

| Compound                    | R.T. QIon      |     | Response | Conc        | Units | Dev(Min) |
|-----------------------------|----------------|-----|----------|-------------|-------|----------|
| -----                       |                |     |          |             |       |          |
| Internal Standards          |                |     |          |             |       |          |
| 1) Pentafluorobenzene       | 8.224          | 168 | 99037    | 50.000      | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 9.106          | 114 | 182105   | 50.000      | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.865         | 117 | 182870   | 50.000      | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152 | 76133    | 50.000      | ug/l  | 0.00     |
|                             |                |     |          |             |       |          |
| System Monitoring Compounds |                |     |          |             |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.577          | 65  | 72213    | 57.176      | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |     | Recovery | = 114.360%  |       |          |
| 35) Dibromofluoromethane    | 8.171          | 113 | 60249    | 52.424      | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |     | Recovery | = 104.840%  |       |          |
| 50) Toluene-d8              | 10.571         | 98  | 241156   | 58.047      | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |     | Recovery | = 116.100%# |       |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95  | 67134    | 45.861      | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 64 - 133 |     | Recovery | = 91.720%   |       |          |
|                             |                |     |          |             |       |          |
| Target Compounds            |                |     |          |             |       |          |
| 16) Acetone                 | 4.442          | 43  | 2856     | 6.997       | ug/l  | # 86     |
| 30) Chloroform              | 7.977          | 83  | 3692m    | 1.513       | ug/l  |          |
| 52) Toluene                 | 10.629         | 92  | 36390    | 10.125      | ug/l  | 91       |
| -----                       |                |     |          |             |       |          |

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

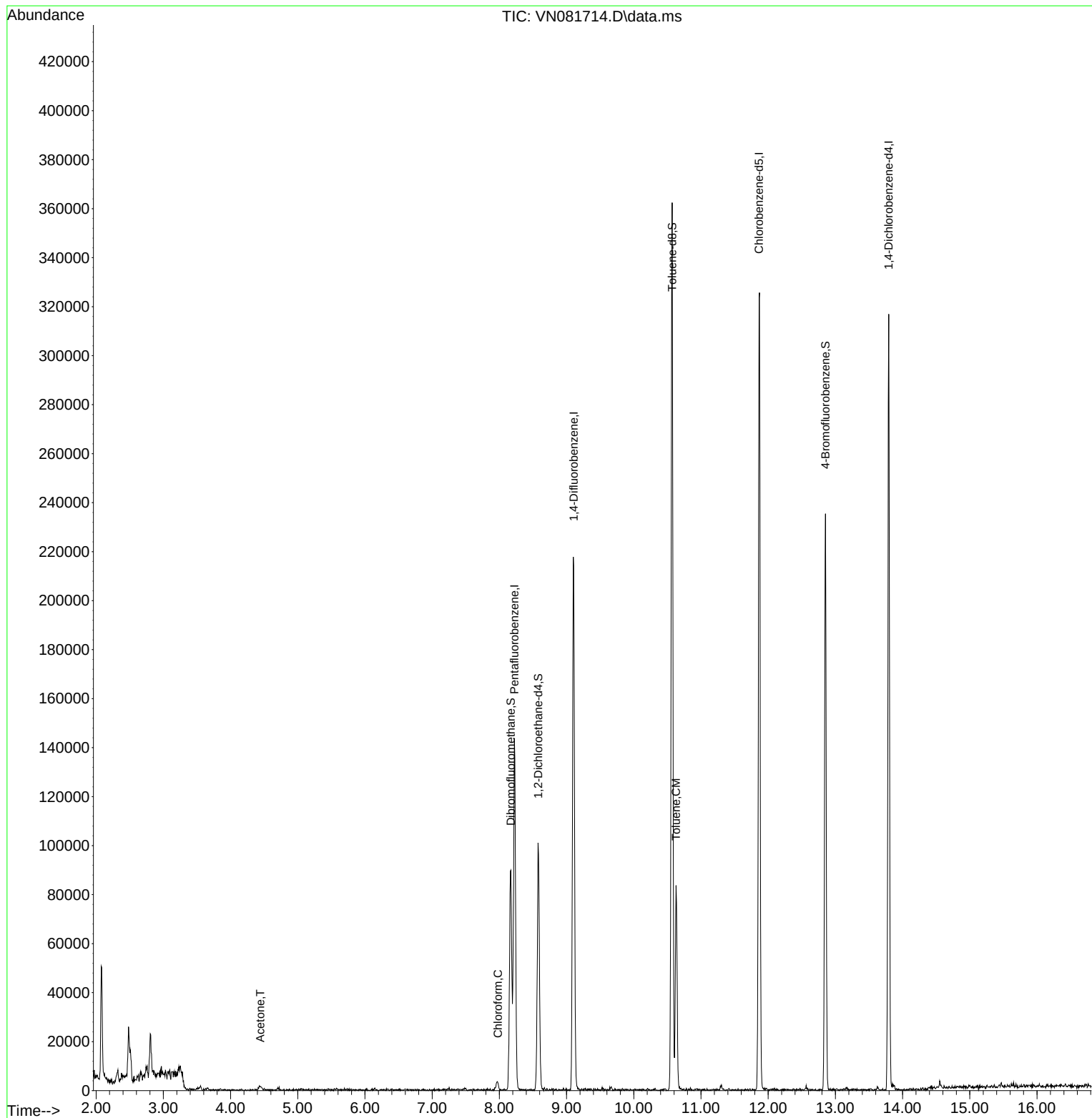
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041224\  
Data File : VN081714.D  
Acq On : 12 Apr 2024 13:44  
Operator : JC\MD  
Sample : P2073-02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

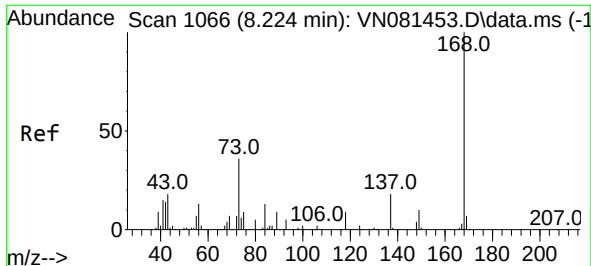
Instrument :  
MSVOA\_N  
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RSB-01A-17-041024

Quant Time: Apr 13 06:55:34 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 19 06:00:00 2024  
Response via : Initial Calibration

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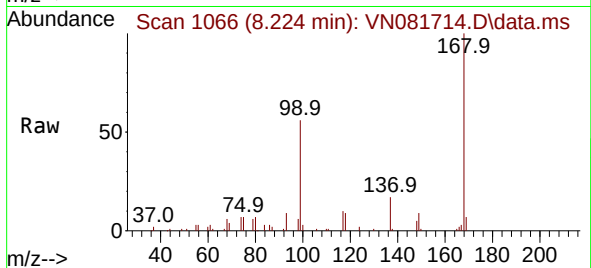
Reviewed By :John Carlone 04/15/2024  
Supervised By :Mahesh Dadoda 04/15/2024





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN081714.D  
Acq: 12 Apr 2024 13:44

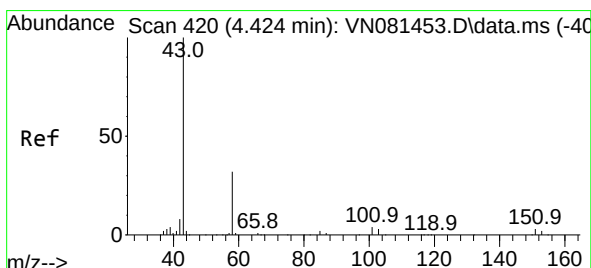
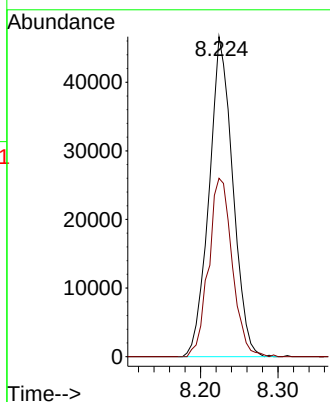
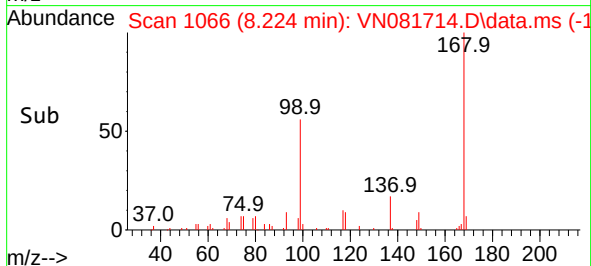
Instrument :  
MSVOA\_N  
ClientSampleId :  
RSB-01A-17-041024



Tgt Ion:168 Resp: 9903  
Ion Ratio Lower Upper  
168 100  
99 55.7 59.9 89.9

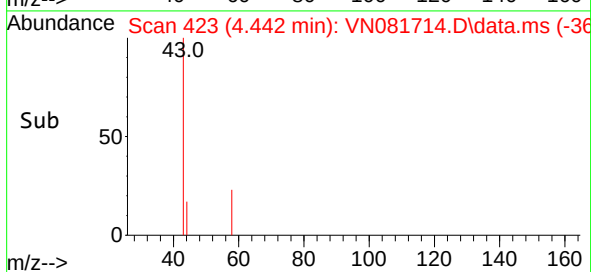
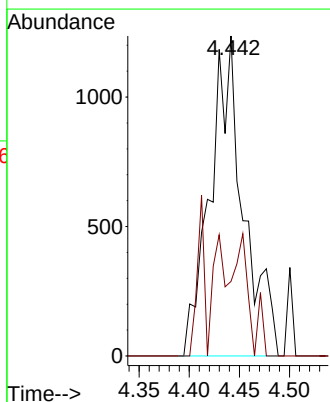
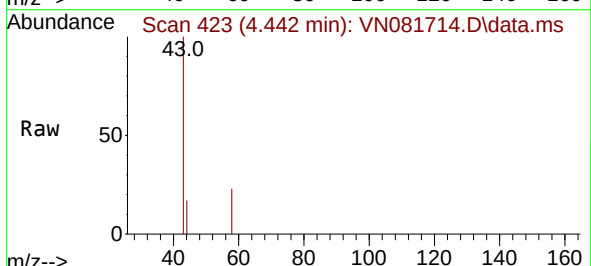
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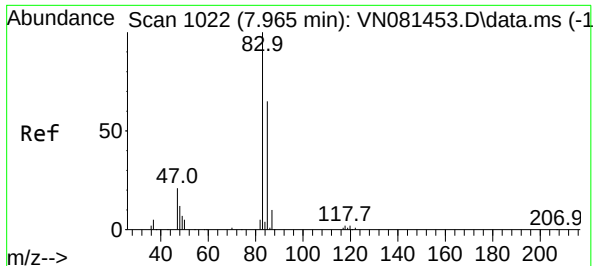
Reviewed By :John Carlone 04/15/2024  
Supervised By :Mahesh Dadoda 04/15/2024



#16  
Acetone  
Concen: 6.997 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. 0.018 min  
Lab File: VN081714.D  
Acq: 12 Apr 2024 13:44

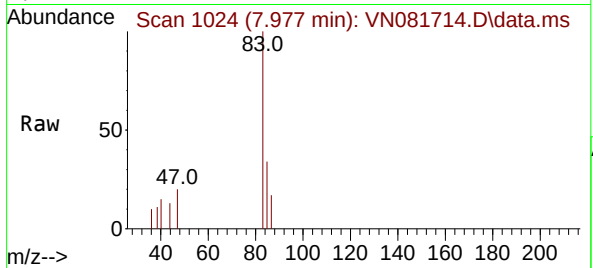
Tgt Ion: 43 Resp: 2856  
Ion Ratio Lower Upper  
43 100  
58 23.3 24.8 37.2





#30  
Chloroform  
Concen: 1.513 ug/l m  
RT: 7.977 min Scan# 1024  
Delta R.T. 0.012 min  
Lab File: VN081714.D  
Acq: 12 Apr 2024 13:44

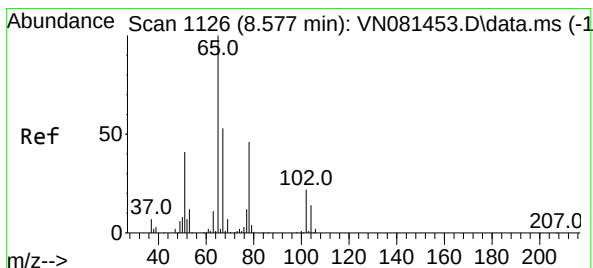
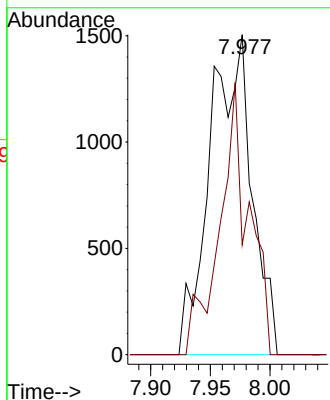
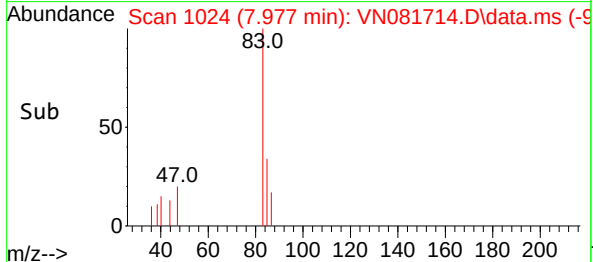
Instrument :  
MSVOA\_N  
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Tgt Ion: 83 Resp: 3692  
Ion Ratio Lower Upper  
83 100  
85 34.4 51.0 76.6

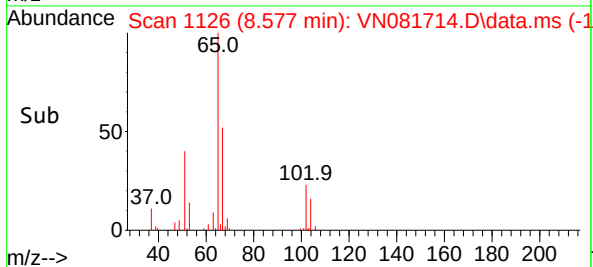
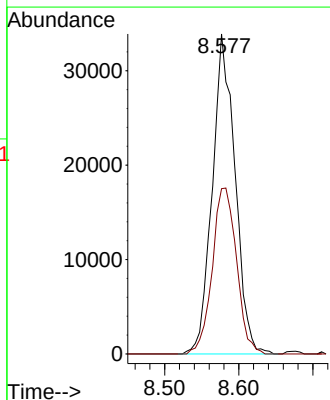
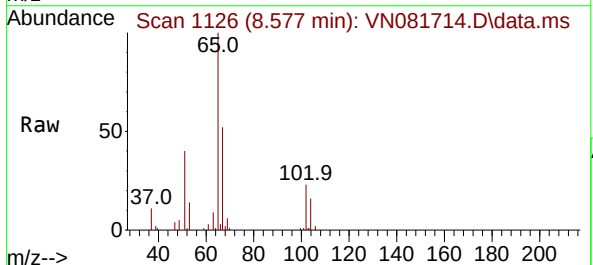
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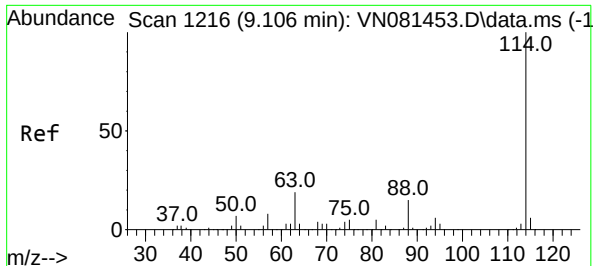
Reviewed By :John Carlone 04/15/2024  
Supervised By :Mahesh Dadoda 04/15/2024



#33  
1,2-Dichloroethane-d4  
Concen: 57.176 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN081714.D  
Acq: 12 Apr 2024 13:44

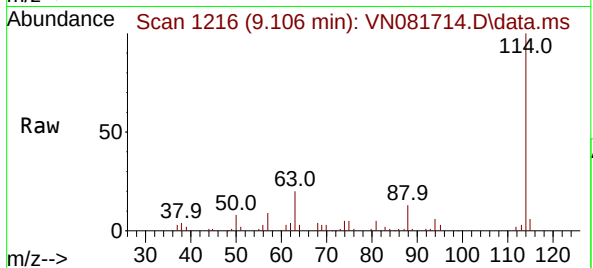
Tgt Ion: 65 Resp: 72213  
Ion Ratio Lower Upper  
65 100  
67 55.3 0.0 102.4





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. 0.000 min  
Lab File: VN081714.D  
Acq: 12 Apr 2024 13:44

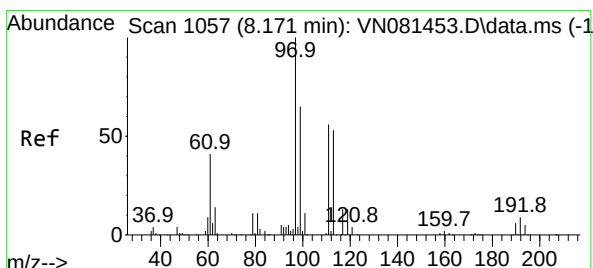
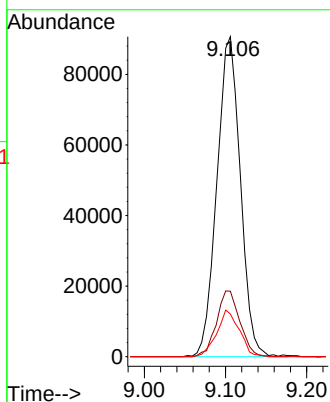
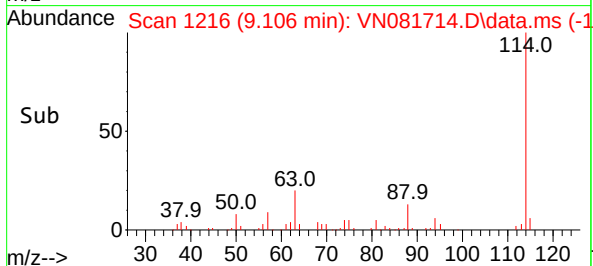
Instrument :  
MSVOA\_N  
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RSB-01A-17-041024



Tgt Ion:114 Resp: 18210  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 48.0  
88 13.3 0.0 34.8

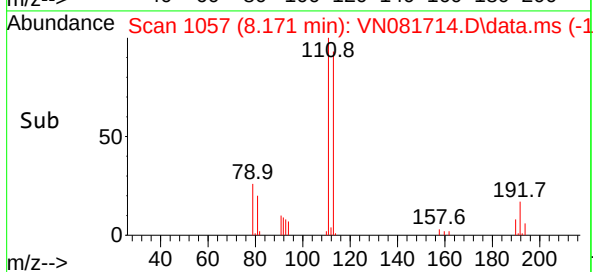
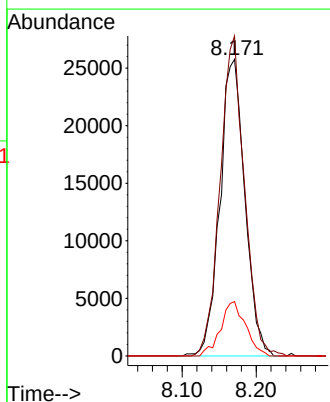
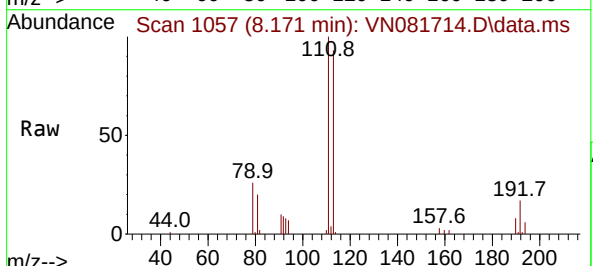
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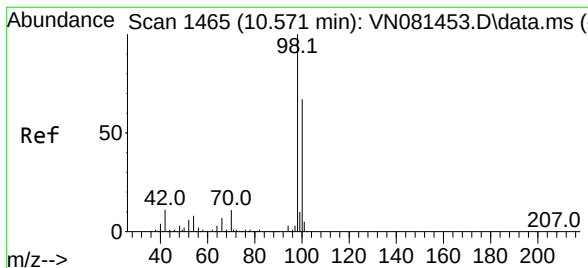
Reviewed By :John Carlone 04/15/2024  
Supervised By :Mahesh Dadoda 04/15/2024



#35  
Dibromofluoromethane  
Concen: 52.424 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN081714.D  
Acq: 12 Apr 2024 13:44

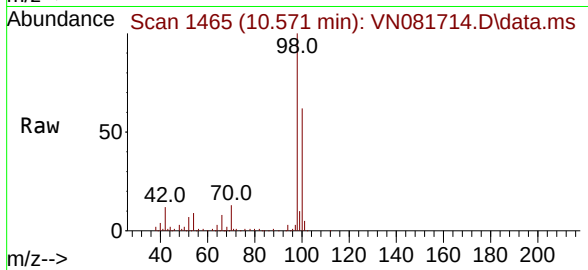
Tgt Ion:113 Resp: 60249  
Ion Ratio Lower Upper  
113 100  
111 105.2 82.2 123.4  
192 18.4 12.5 18.7





#50  
Toluene-d8  
Concen: 58.047 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN081714.D  
Acq: 12 Apr 2024 13:44

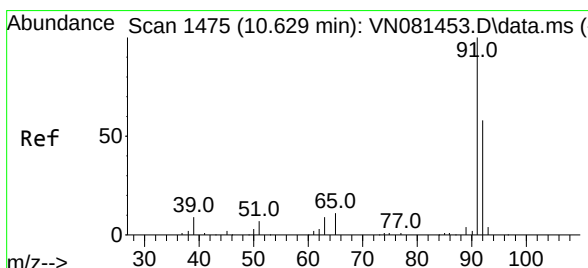
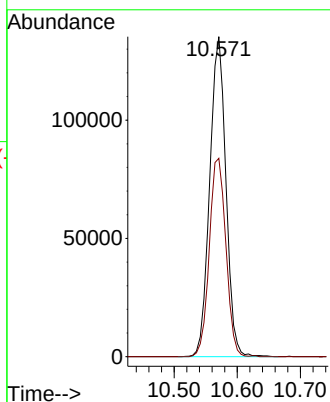
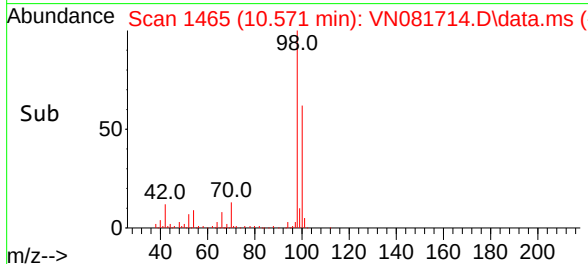
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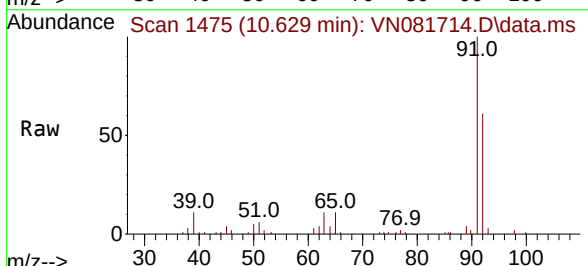
Tgt Ion: 98 Resp: 241150  
Ion Ratio Lower Upper  
98 100  
100 63.4 51.4 77.0

Manual Integrations  
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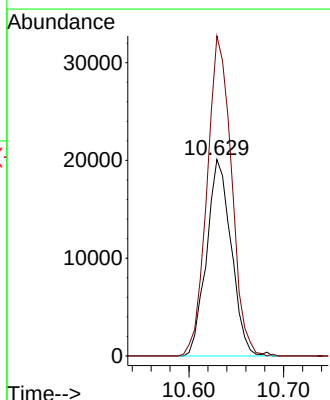
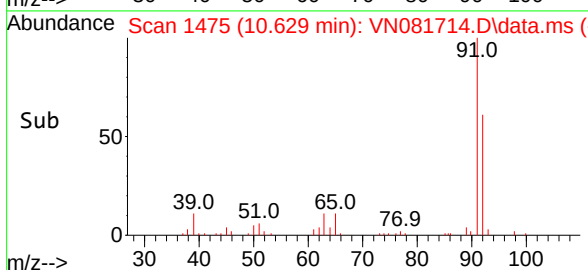
Reviewed By :John Carlone 04/15/2024  
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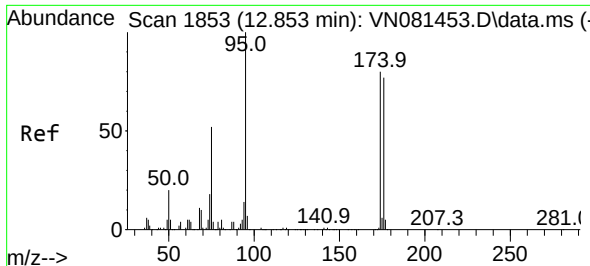


#52  
Toluene  
Concen: 10.125 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN081714.D  
Acq: 12 Apr 2024 13:44



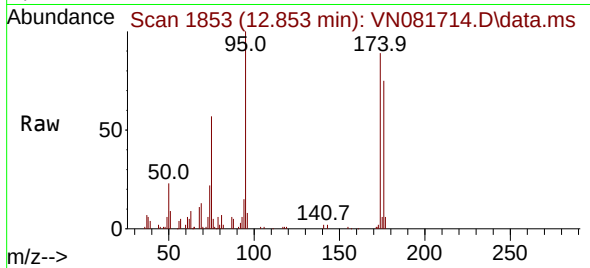
Tgt Ion: 92 Resp: 36390  
Ion Ratio Lower Upper  
92 100  
91 161.8 139.4 209.0





#62  
4-Bromofluorobenzene  
Concen: 45.861 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN081714.D  
Acq: 12 Apr 2024 13:44

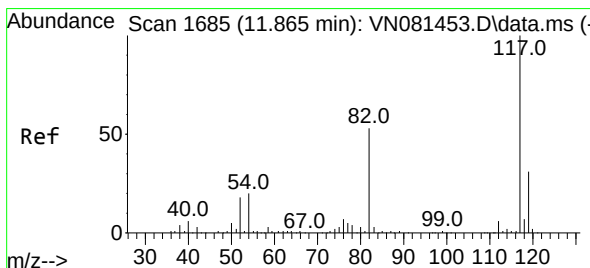
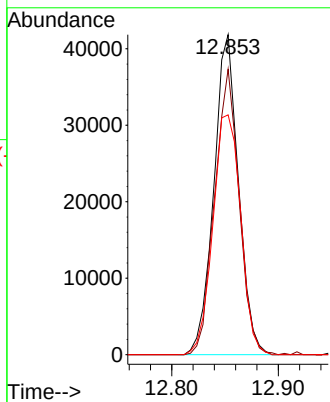
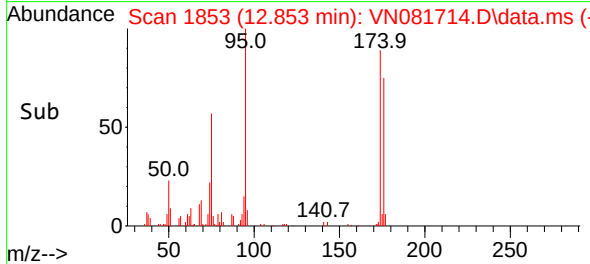
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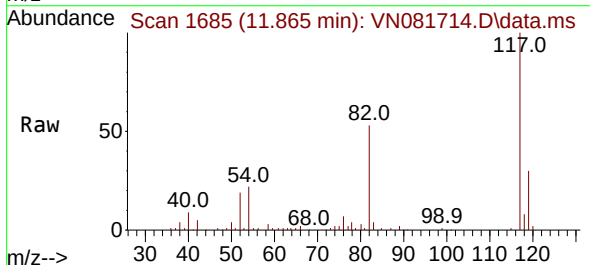
Tgt Ion: 95 Resp: 67134  
Ion Ratio Lower Upper  
95 100  
174 88.5 0.0 120.4  
176 84.6 0.0 121.0

Manual Integrations  
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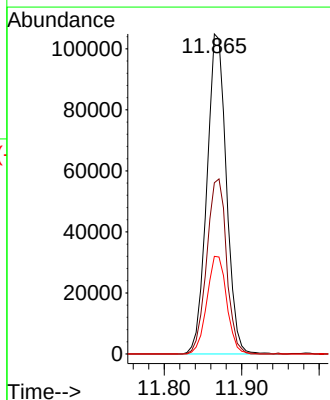
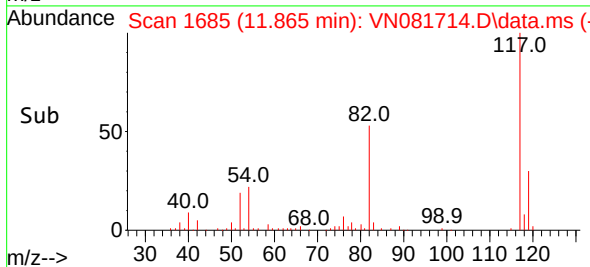
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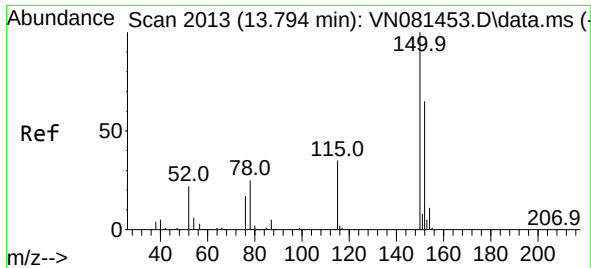


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN081714.D  
Acq: 12 Apr 2024 13:44



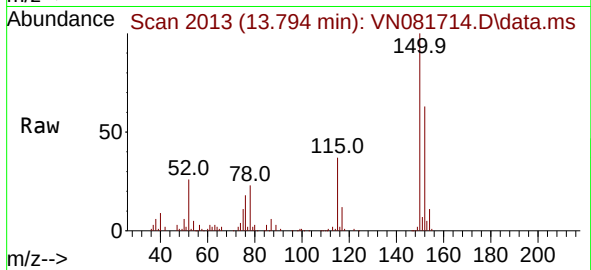
Tgt Ion:117 Resp: 182870  
Ion Ratio Lower Upper  
117 100  
82 53.5 52.7 79.1  
119 30.5 25.3 37.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN081714.D  
 Acq: 12 Apr 2024 13:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RSB-01A-17-041024



Tgt Ion:152 Resp: 7613  
 Ion Ratio Lower Upper  
 152 100  
 115 58.3 32.3 96.8  
 150 159.7 0.0 339.8

Manual Integrations  
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