

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030424\  
 Data File : VN081299.D  
 Acq On : 04 Mar 2024 13:33  
 Operator : JC\MD  
 Sample : P1660-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-195-EB-20240228

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 03/04/2024  
 Supervised By : Mahesh Dadoda 03/05/2024

Quant Time: Mar 04 15:26:36 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 16 23:45:20 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 8.230          | 168  | 324799              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106          | 114  | 593654              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.871         | 117  | 521153              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 202580              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.583          | 65   | 220054              | 55.274 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 110.540% |        |       |          |
| 35) Dibromofluoromethane    | 8.171          | 113  | 173200              | 51.595 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 103.180% |        |       |          |
| 50) Toluene-d8              | 10.571         | 98   | 657820              | 55.173 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 110.340% |        |       |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95   | 206370              | 46.064 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 64 - 133 |      | Recovery = 92.120%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 16) Acetone                 | 4.448          | 43   | 7378m               | 4.710  | ug/l  |          |
| 25) 2-Butanone              | 7.477          | 43   | 7060                | 2.790  | ug/l  | 95       |
| -----                       |                |      |                     |        |       |          |

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

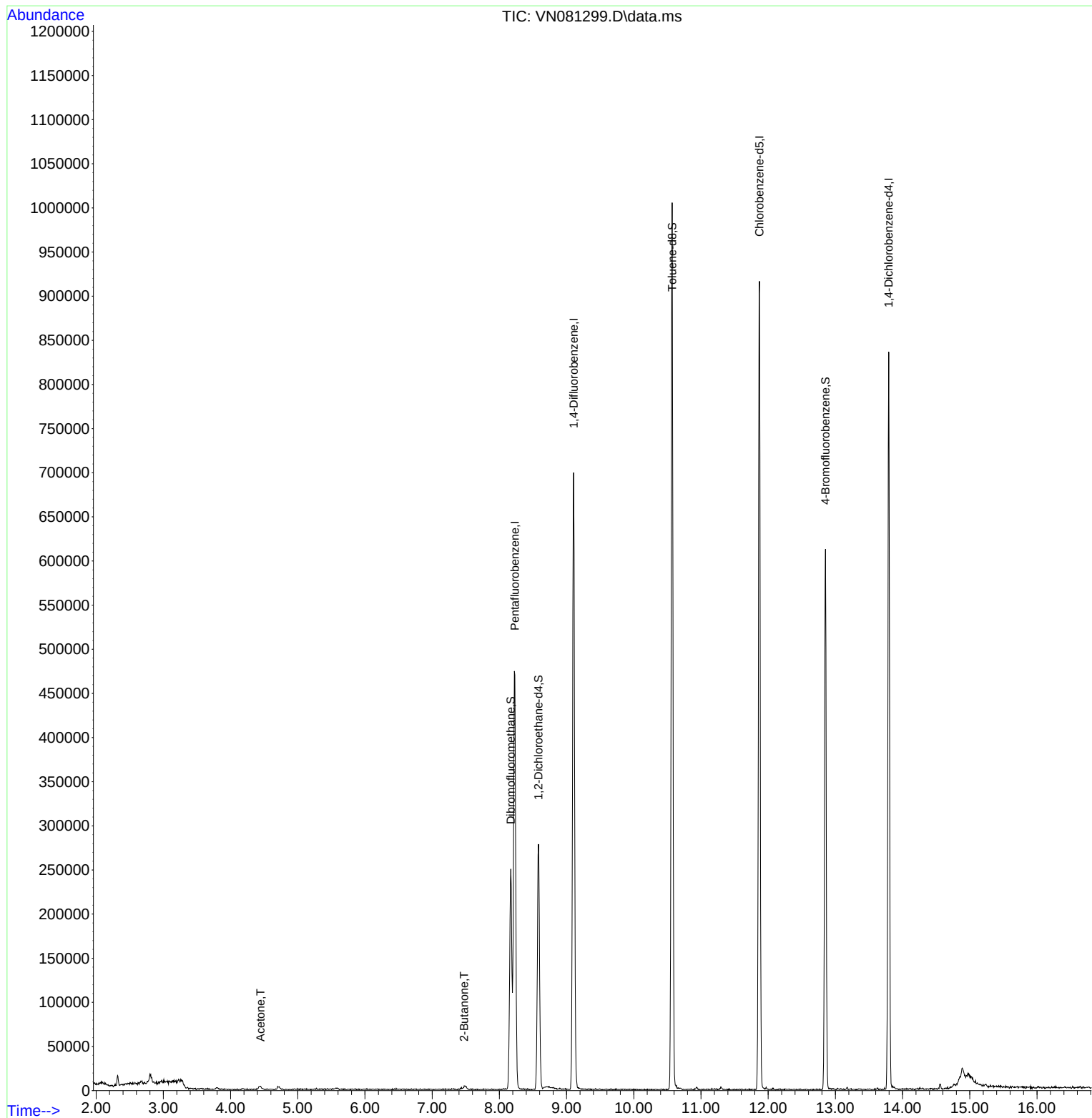
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030424\  
Data File : VN081299.D  
Acq On : 04 Mar 2024 13:33  
Operator : JC\MD  
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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

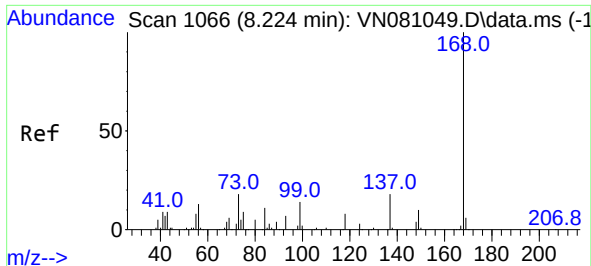
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-195-EB-20240228

Quant Time: Mar 04 15:26:36 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 16 23:45:20 2024  
Response via : Initial Calibration

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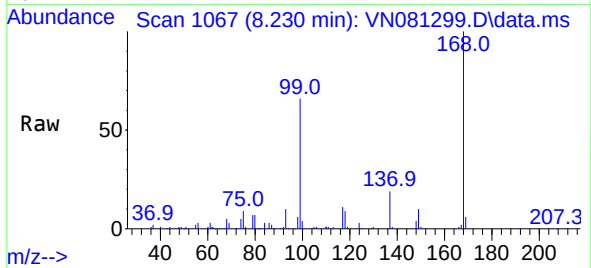
Reviewed By :John Carlone 03/04/2024  
Supervised By :Mahesh Dadoda 03/05/2024





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN081299.D  
Acq: 04 Mar 2024 13:33

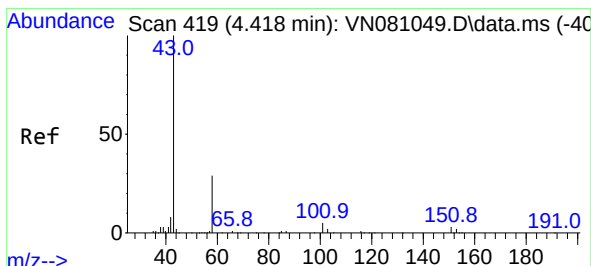
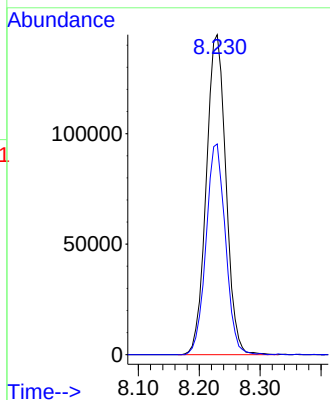
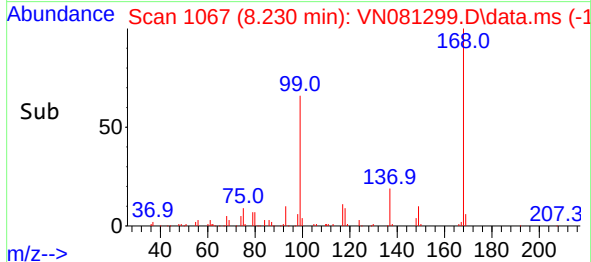
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-195-EB-20240228



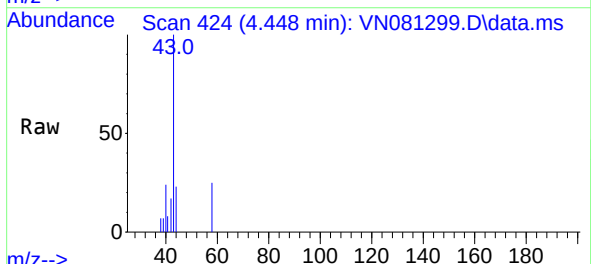
Tgt Ion:168 Resp: 324799  
Ion Ratio Lower Upper  
168 100  
99 65.8 59.9 89.9

Manual Integrations  
APPROVED

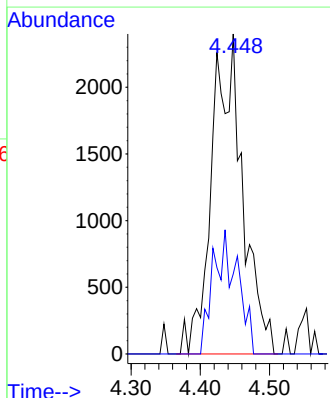
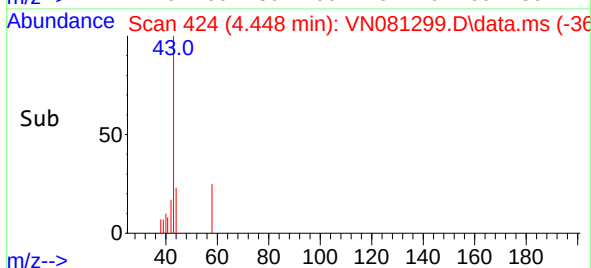
Reviewed By :John Carlone 03/04/2024  
Supervised By :Mahesh Dadoda 03/05/2024

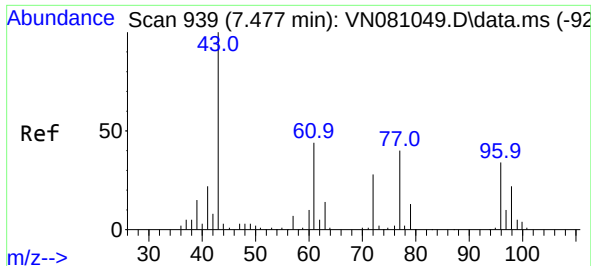


#16  
Acetone  
Concen: 4.710 ug/l m  
RT: 4.448 min Scan# 424  
Delta R.T. 0.029 min  
Lab File: VN081299.D  
Acq: 04 Mar 2024 13:33



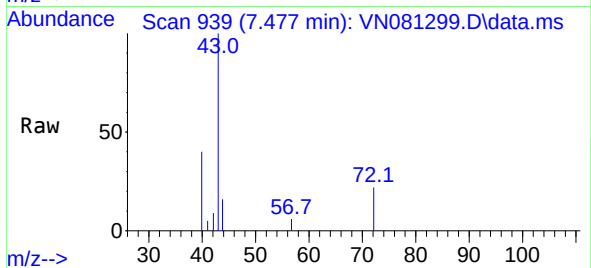
Tgt Ion: 43 Resp: 7378  
Ion Ratio Lower Upper  
43 100  
58 25.0 24.8 37.2





#25  
2-Butanone  
Concen: 2.790 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN081299.D  
Acq: 04 Mar 2024 13:33

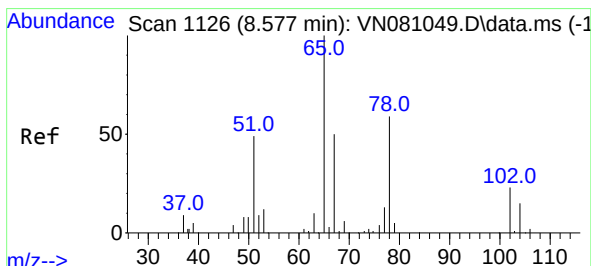
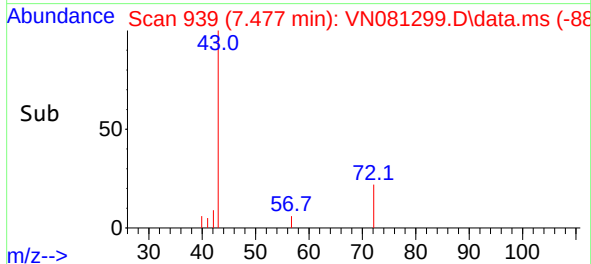
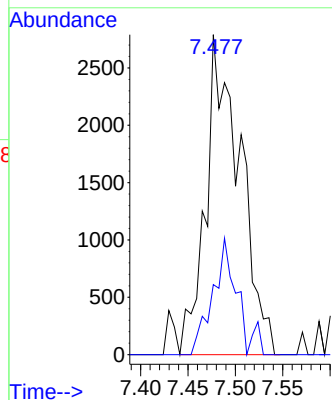
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-195-EB-20240228



Tgt Ion: 43 Resp: 7060  
Ion Ratio Lower Upper  
43 100  
72 21.9 19.5 29.3

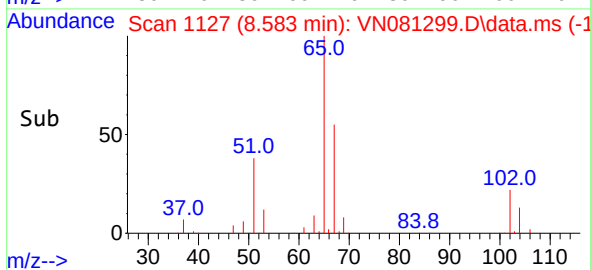
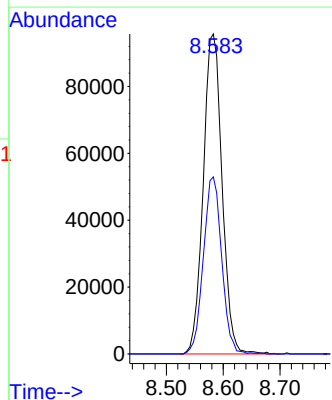
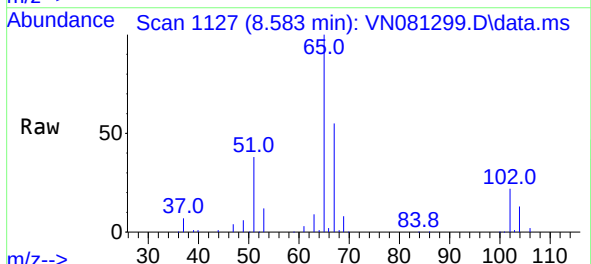
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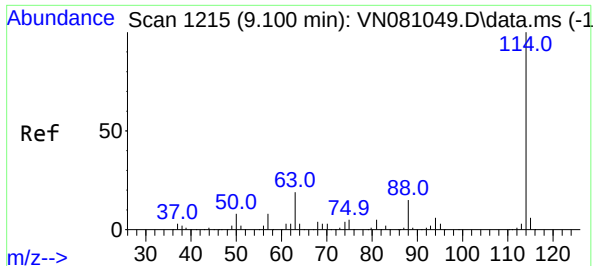
Reviewed By :John Carlone 03/04/2024  
Supervised By :Mahesh Dadoda 03/05/2024



#33  
1,2-Dichloroethane-d4  
Concen: 55.274 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN081299.D  
Acq: 04 Mar 2024 13:33

Tgt Ion: 65 Resp: 220054  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081299.D

Acq: 04 Mar 2024 13:33

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB-195-EB-20240228

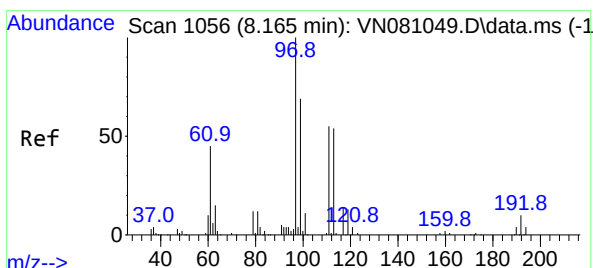
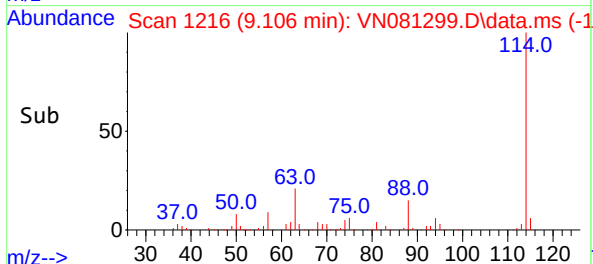
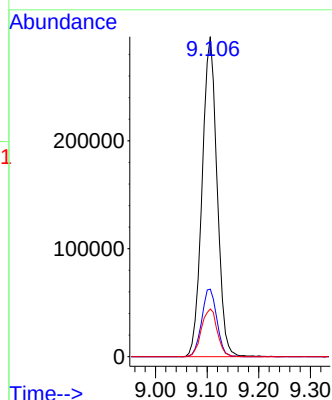
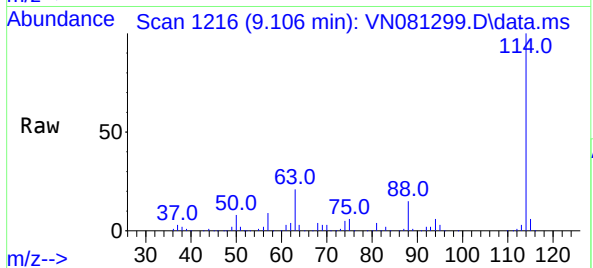
Tgt Ion:114 Resp: 593654

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 21.1  | 0.0   | 48.0  |
| 88  | 14.9  | 0.0   | 34.8  |

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Supervised By :Mahesh Dadoda 03/05/2024



#35

Dibromofluoromethane

Concen: 51.595 ug/l

RT: 8.171 min Scan# 1057

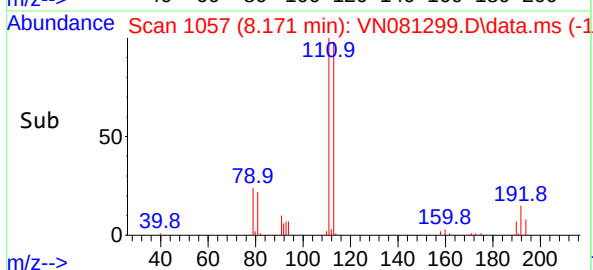
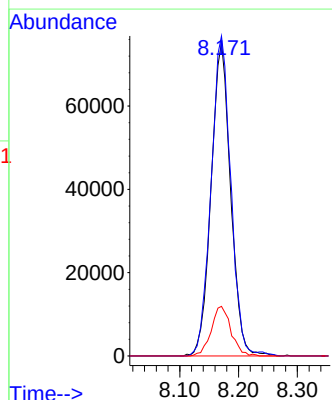
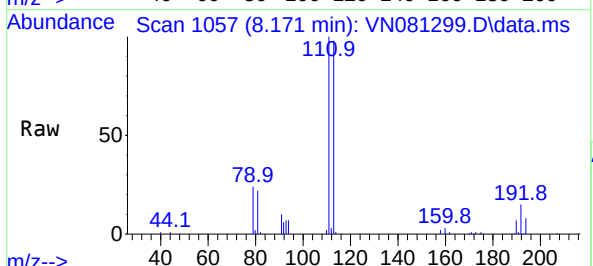
Delta R.T. 0.006 min

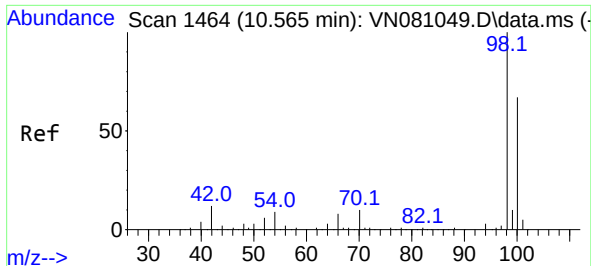
Lab File: VN081299.D

Acq: 04 Mar 2024 13:33

Tgt Ion:113 Resp: 173200

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 103.4 | 82.2  | 123.4 |
| 192 | 16.1  | 12.5  | 18.7  |





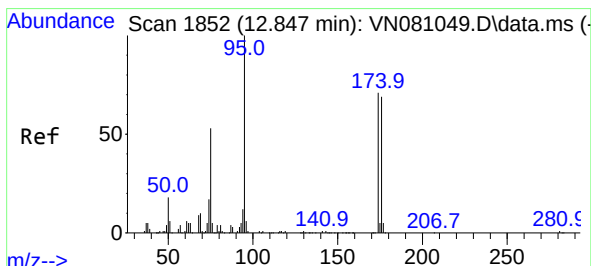
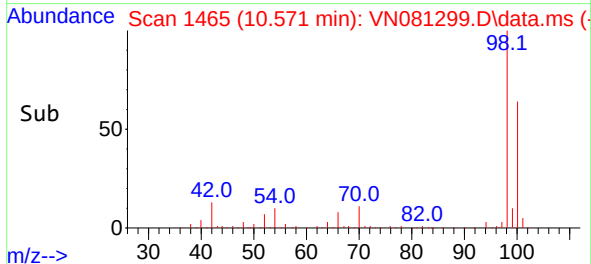
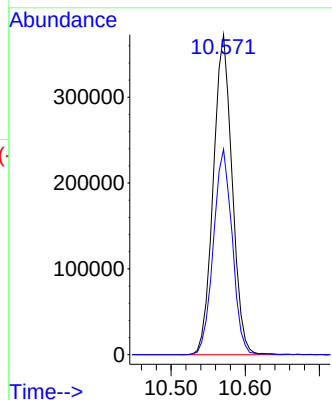
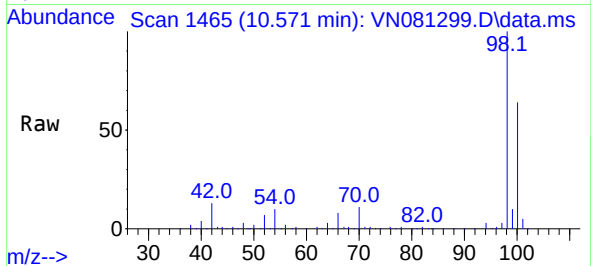
#50  
Toluene-d8  
Concen: 55.173 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN081299.D  
Acq: 04 Mar 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-195-EB-20240228

Tgt Ion: 98 Resp: 657820  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.4 77.0

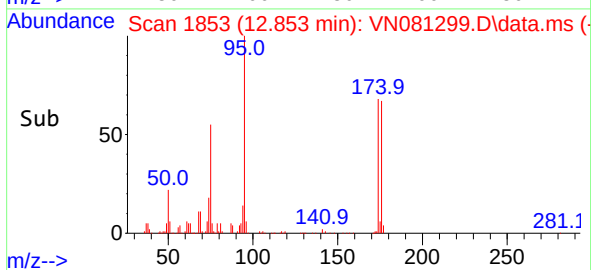
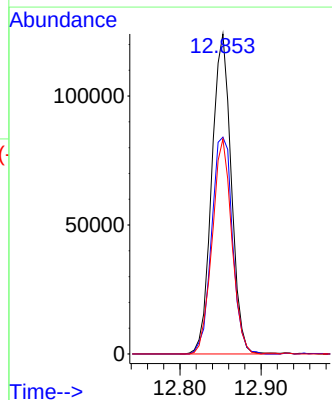
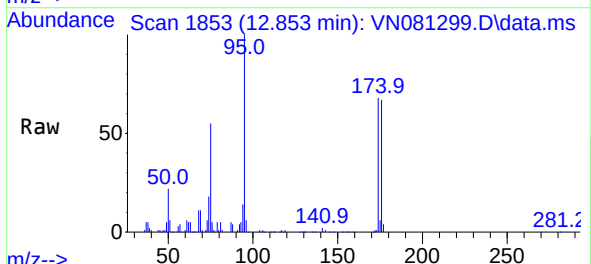
Manual Integrations  
APPROVED

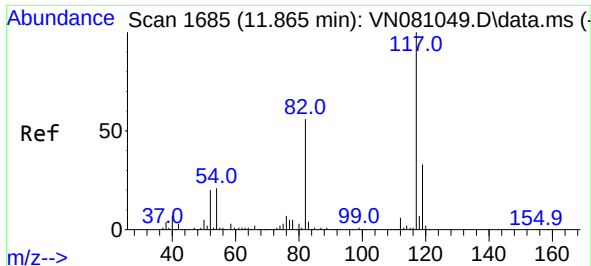
Reviewed By :John Carlone 03/04/2024  
Supervised By :Mahesh Dadoda 03/05/2024



#62  
4-Bromofluorobenzene  
Concen: 46.064 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN081299.D  
Acq: 04 Mar 2024 13:33

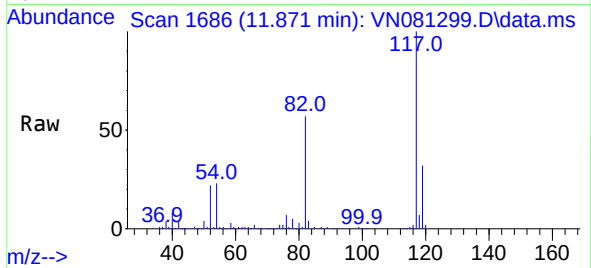
Tgt Ion: 95 Resp: 206370  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 120.4  
176 67.4 0.0 121.0





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN081299.D  
Acq: 04 Mar 2024 13:33

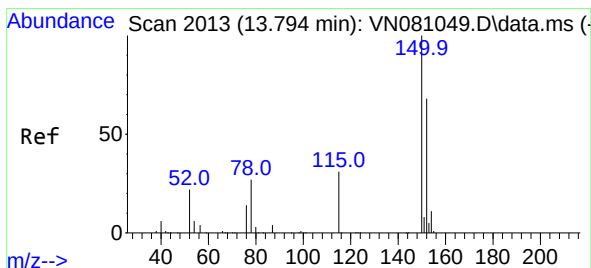
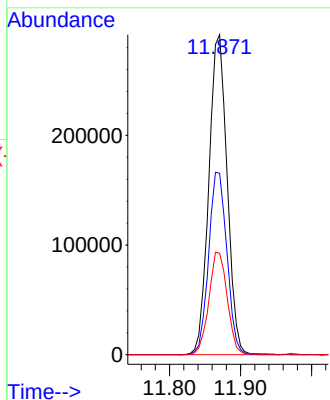
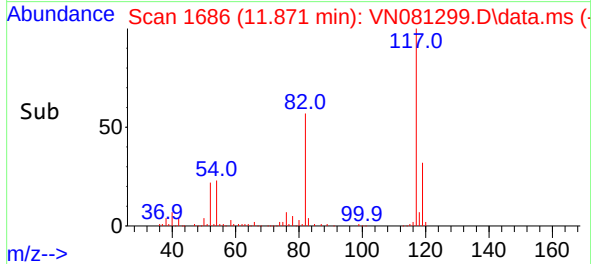
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-195-EB-20240228



Tgt Ion:117 Resp: 52115  
Ion Ratio Lower Upper  
117 100  
82 56.7 52.7 79.1  
119 31.7 25.3 37.9

Manual Integrations  
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Supervised By :Mahesh Dadoda 03/05/2024



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN081299.D  
Acq: 04 Mar 2024 13:33

Tgt Ion:152 Resp: 202580  
Ion Ratio Lower Upper  
152 100  
115 66.2 32.3 96.8  
150 161.7 0.0 339.8

