

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060524\  
 Data File : VN082472.D  
 Acq On : 05 Jun 2024 15:49  
 Operator : JC\MD  
 Sample : P2704-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WCS-TPN

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 06/06/2024  
 Supervised By :Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 00:58:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 05:21:06 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                       |                |      |                      |         |        |          |
| Internal Standards          |                |      |                      |         |        |          |
| 1) Pentafluorobenzene       | 8.230          | 168  | 148142               | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106          | 114  | 282328               | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871         | 117  | 282550               | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794         | 152  | 115368               | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds |                |      |                      |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583          | 65   | 134686               | 57.578  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 115.160%  |         |        |          |
| 35) Dibromofluoromethane    | 8.171          | 113  | 96401                | 55.506  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 111.020%  |         |        |          |
| 50) Toluene-d8              | 10.571         | 98   | 376804               | 56.589  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 113.180%# |         |        |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95   | 125711               | 52.895  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 64 - 133 |      | Recovery = 105.800%  |         |        |          |
| Target Compounds            |                |      |                      |         |        |          |
|                             |                |      |                      |         | Qvalue |          |
| 16) Acetone                 | 4.430          | 43   | 103529               | 107.890 | ug/l   | 92       |
| 20) Methylene Chloride      | 5.277          | 84   | 3757                 | 1.941   | ug/l # | 66       |
| 25) 2-Butanone              | 7.489          | 43   | 24850                | 17.080  | ug/l # | 80       |
| 43) Isopropyl Acetate       | 8.694          | 43   | 263265               | 45.578  | ug/l # | 72       |
| 51) 4-Methyl-2-Pentanone    | 10.447         | 43   | 22414m               | 6.830   | ug/l   |          |
| -----                       |                |      |                      |         |        |          |

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

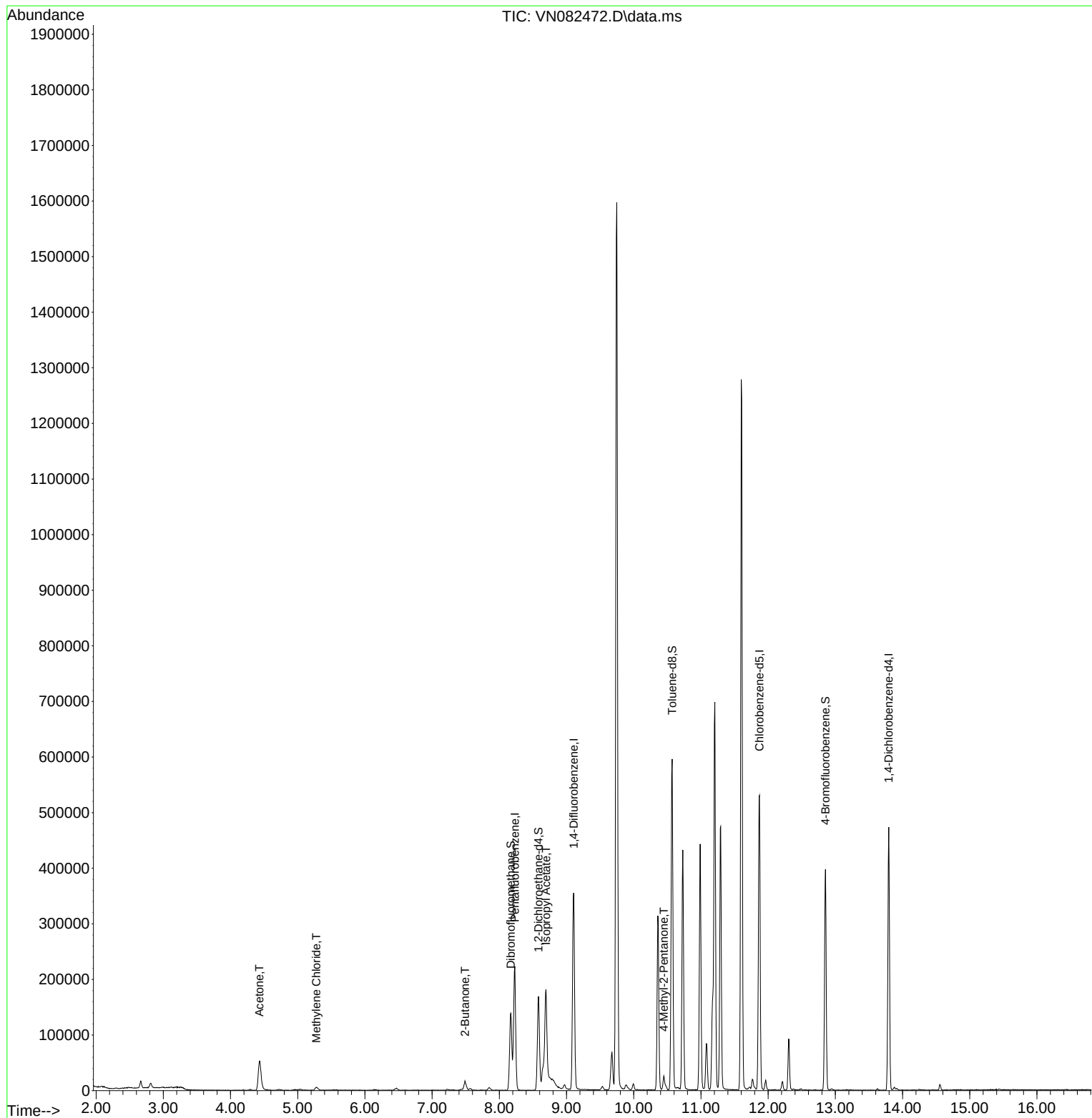
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060524\  
Data File : VN082472.D  
Acq On : 05 Jun 2024 15:49  
Operator : JC\MD  
Sample : P2704-12  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 16 Sample Multiplier: 1

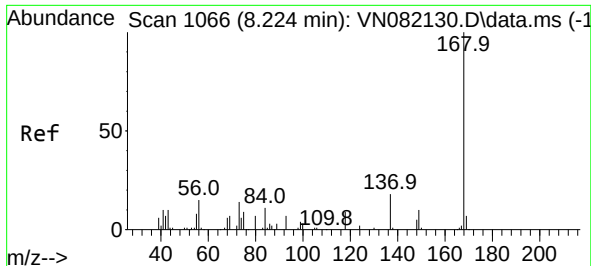
Instrument :  
MSVOA\_N  
ClientSampleId :  
WCS-TPN

Quant Time: Jun 06 00:58:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 16 05:21:06 2024  
Response via : Initial Calibration

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Supervised By : Mahesh Dadoda 06/06/2024





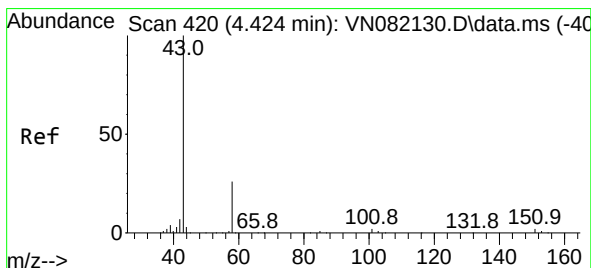
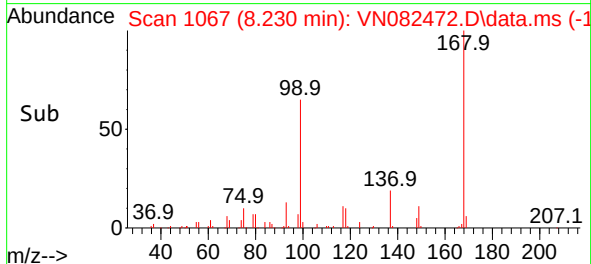
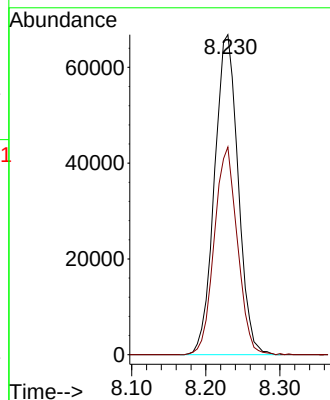
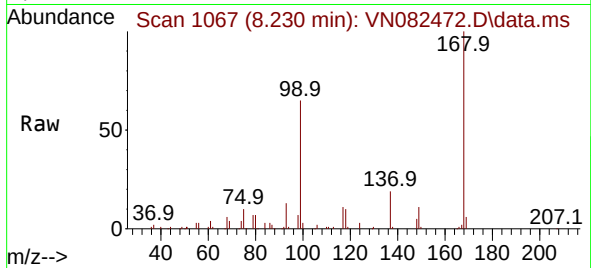
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN082472.D  
Acq: 05 Jun 2024 15:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
WCS-TPN

Tgt Ion:168 Resp: 14814  
Ion Ratio Lower Upper  
168 100  
99 64.9 48.2 72.4

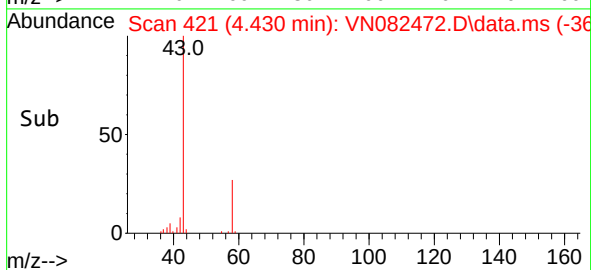
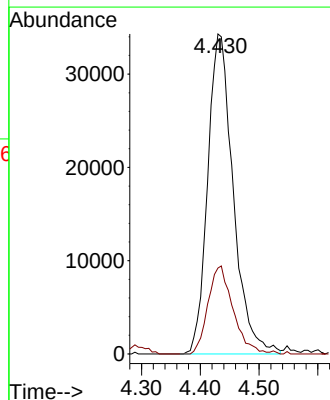
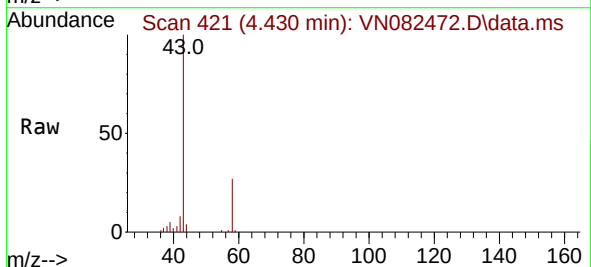
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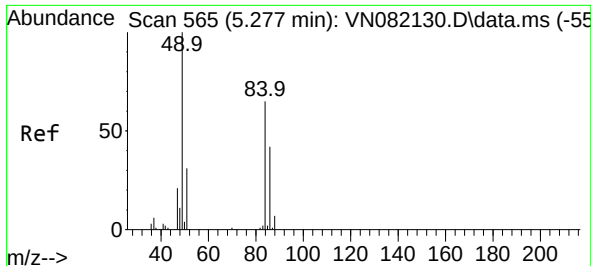
Reviewed By :John Carlone 06/06/2024  
Supervised By :Mahesh Dadoda 06/06/2024



#16  
Acetone  
Concen: 107.890 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN082472.D  
Acq: 05 Jun 2024 15:49

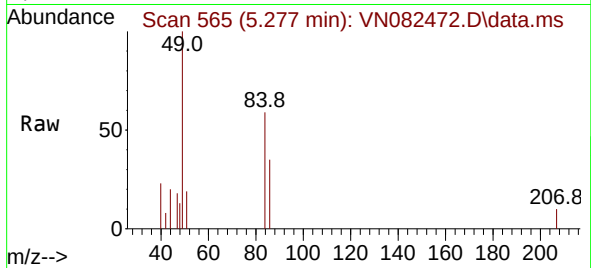
Tgt Ion: 43 Resp: 103529  
Ion Ratio Lower Upper  
43 100  
58 26.8 25.2 37.8





#20  
Methylene Chloride  
Concen: 1.941 ug/l  
RT: 5.277 min Scan# 501  
Delta R.T. 0.000 min  
Lab File: VN082472.D  
Acq: 05 Jun 2024 15:49

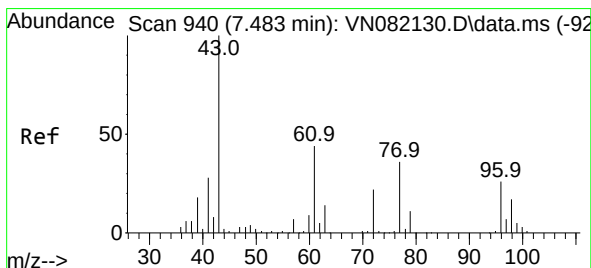
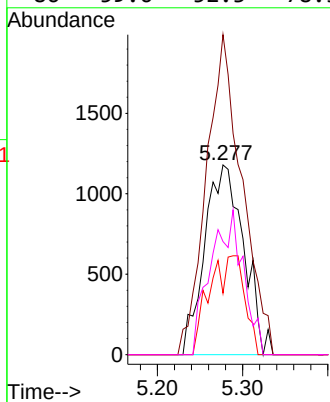
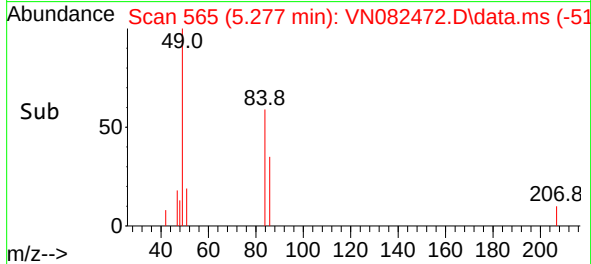
Instrument :  
MSVOA\_N  
ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 375   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 168.7 | 84.9  | 127.3 |
| 51       | 32.4  | 27.0  | 40.6  |
| 86       | 59.6  | 52.3  | 78.5  |

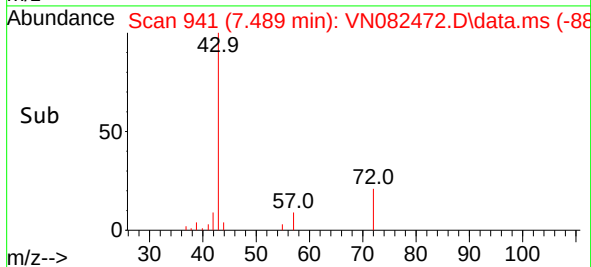
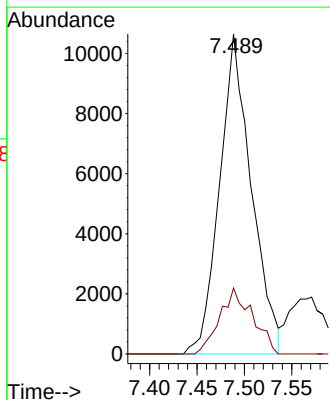
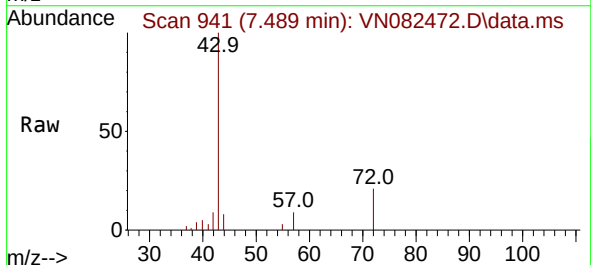
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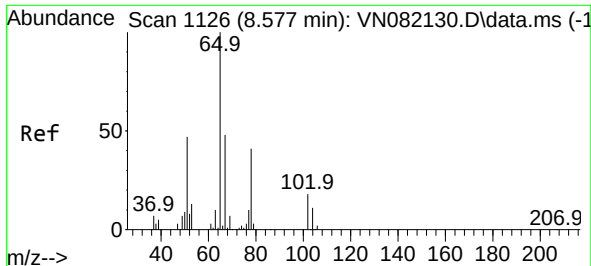
Reviewed By :John Carlone 06/06/2024  
Supervised By :Mahesh Dadoda 06/06/2024



#25  
2-Butanone  
Concen: 17.080 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN082472.D  
Acq: 05 Jun 2024 15:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 24850 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 20.6  | 25.3  | 37.9  |





#33

1,2-Dichloroethane-d4

Concen: 57.578 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082472.D

Acq: 05 Jun 2024 15:49

Instrument :

MSVOA\_N

ClientSampleId :

WCS-TPN

Tgt Ion: 65 Resp: 134680

Ion Ratio Lower Upper

65 100

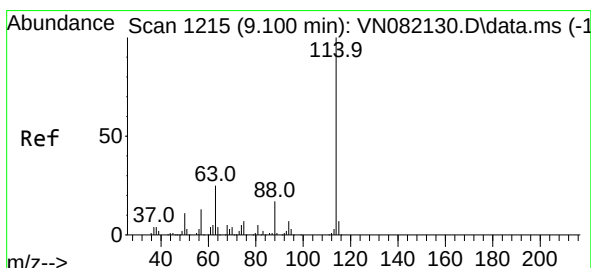
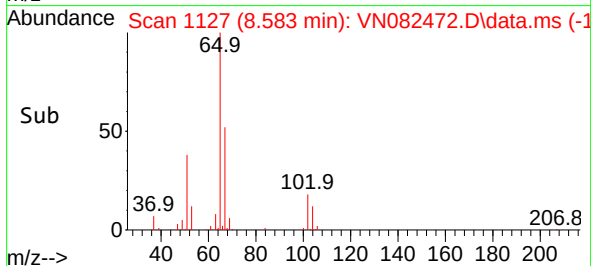
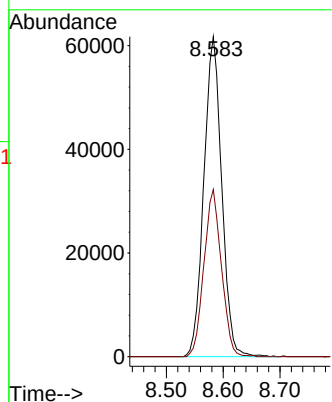
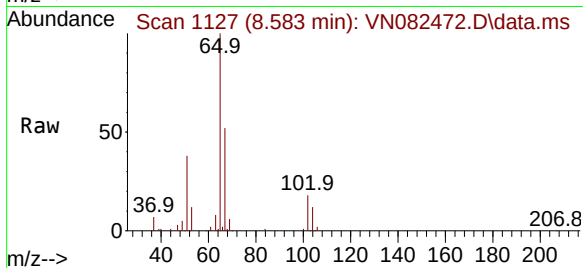
67 51.1 0.0 103.0

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Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082472.D

Acq: 05 Jun 2024 15:49

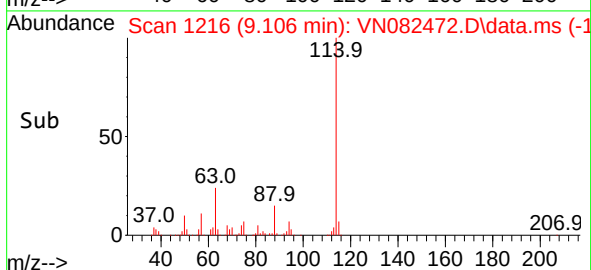
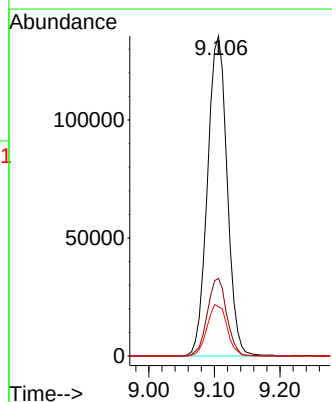
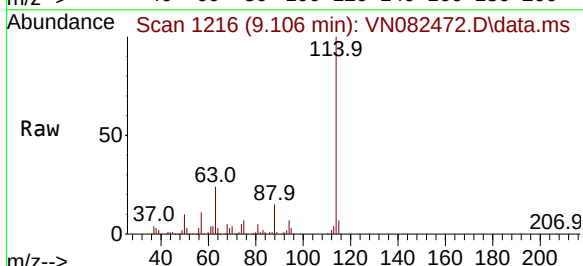
Tgt Ion:114 Resp: 282328

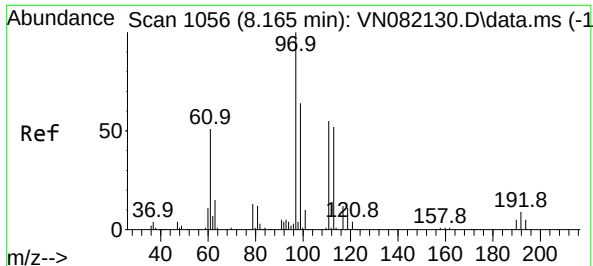
Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

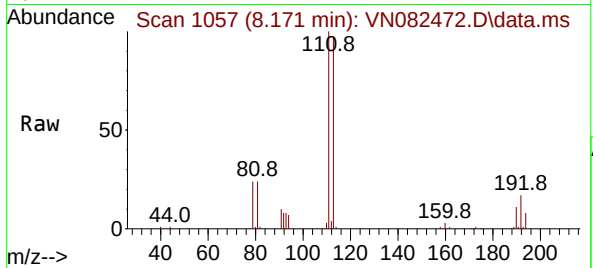
88 15.4 0.0 31.4





#35  
Dibromofluoromethane  
Concen: 55.506 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN082472.D  
Acq: 05 Jun 2024 15:49

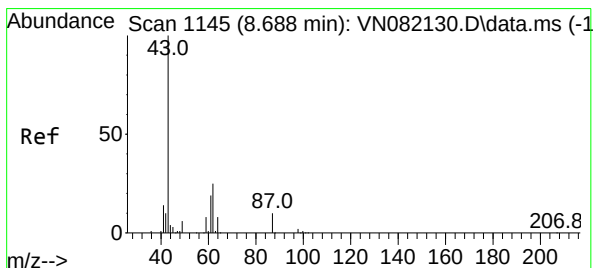
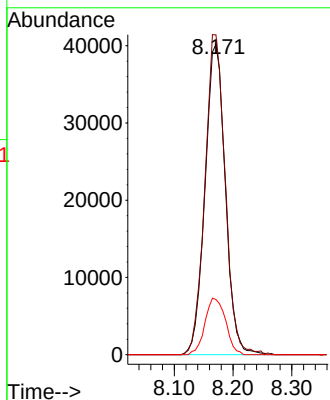
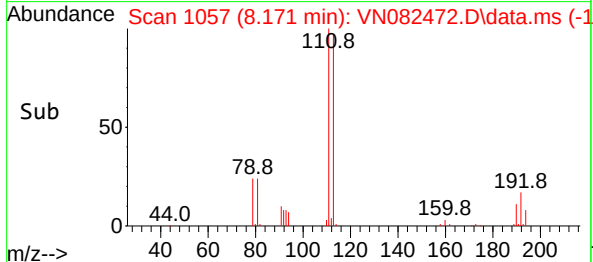
Instrument :  
MSVOA\_N  
ClientSampleId :  
WCS-TPN



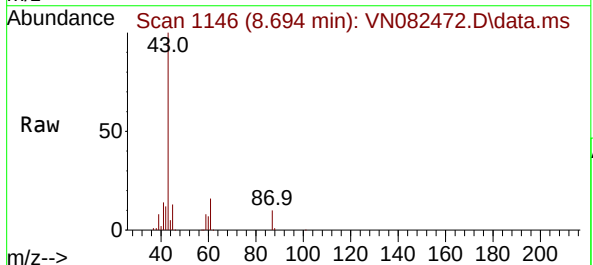
Tgt Ion: 113 Resp: 9640  
Ion Ratio Lower Upper  
113 100  
111 103.1 83.4 125.2  
192 18.5 14.0 21.0

Manual Integrations  
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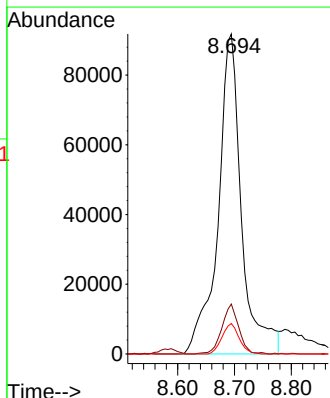
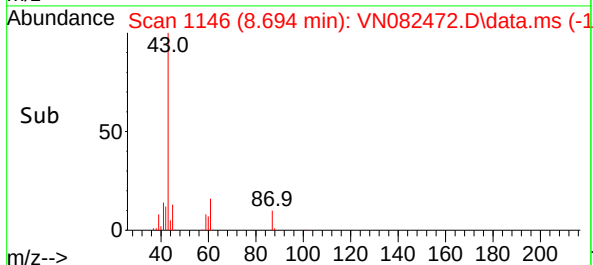
Reviewed By :John Carlone 06/06/2024  
Supervised By :Mahesh Dadoda 06/06/2024

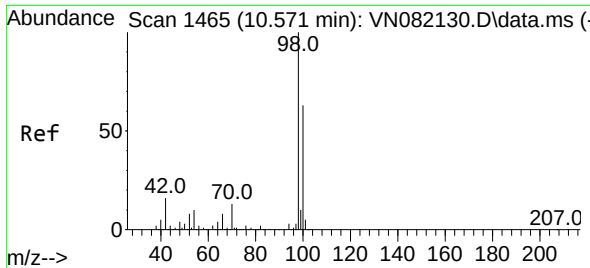


#43  
Isopropyl Acetate  
Concen: 45.578 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VN082472.D  
Acq: 05 Jun 2024 15:49



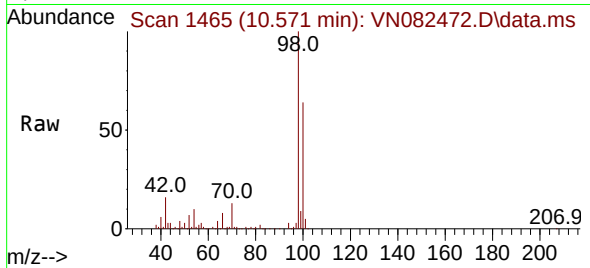
Tgt Ion: 43 Resp: 263265  
Ion Ratio Lower Upper  
43 100  
61 11.2 22.8 34.2#  
87 6.9 12.0 18.0#





#50  
Toluene-d8  
Concen: 56.589 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN082472.D  
Acq: 05 Jun 2024 15:49

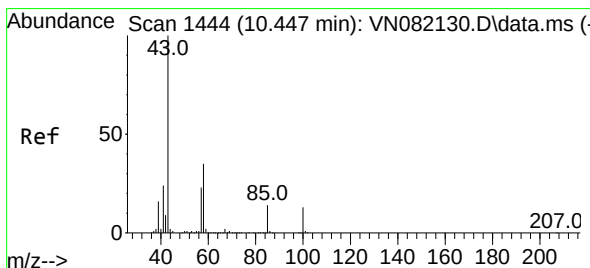
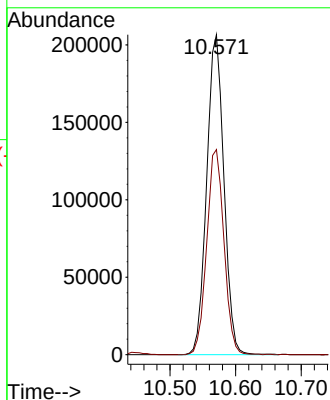
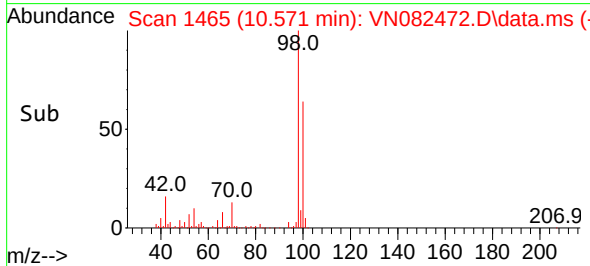
Instrument :  
MSVOA\_N  
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WCS-TPN



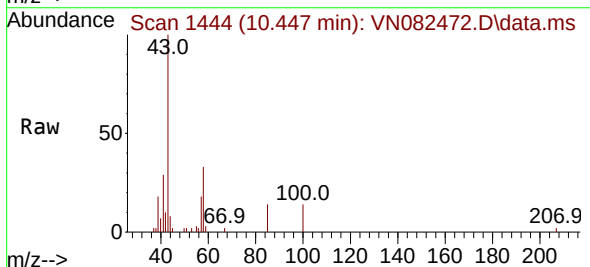
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Ion Ratio Lower Upper  
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100 64.3 51.8 77.6

Manual Integrations  
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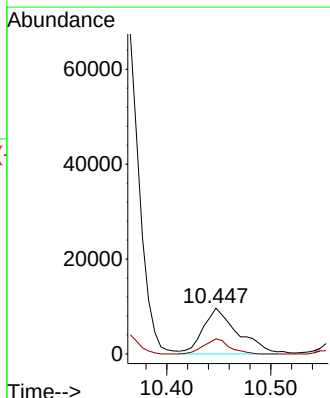
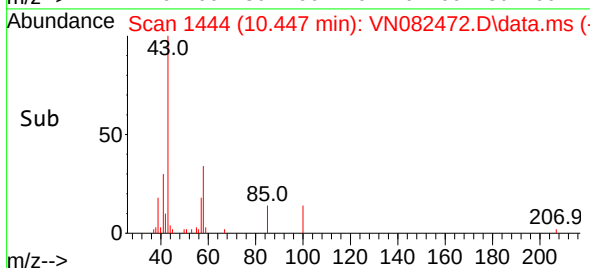
Reviewed By :John Carlone 06/06/2024  
Supervised By :Mahesh Dadoda 06/06/2024

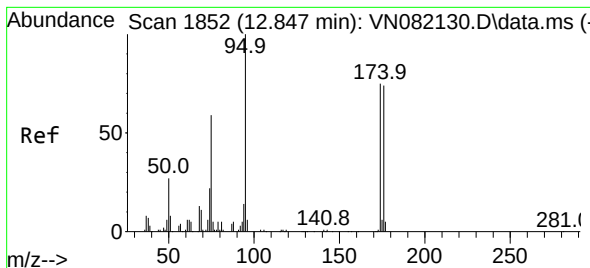


#51  
4-Methyl-2-Pentanone  
Concen: 6.830 ug/l m  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN082472.D  
Acq: 05 Jun 2024 15:49



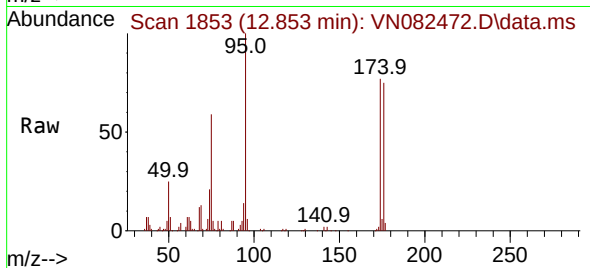
Tgt Ion: 43 Resp: 22414  
Ion Ratio Lower Upper  
43 100  
58 19.2 33.2 49.8#





#62  
4-Bromofluorobenzene  
Concen: 52.895 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082472.D  
Acq: 05 Jun 2024 15:49

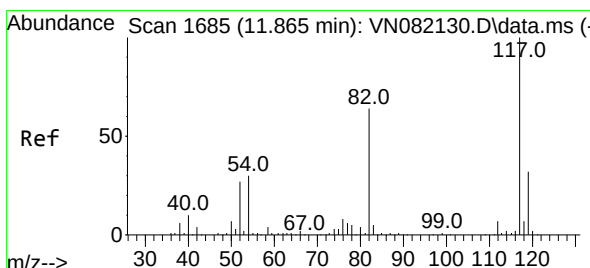
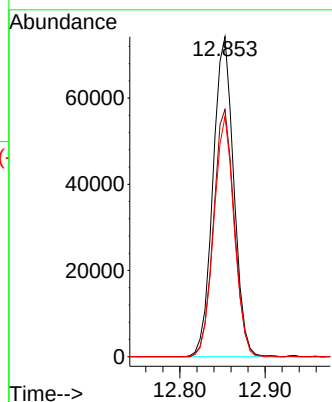
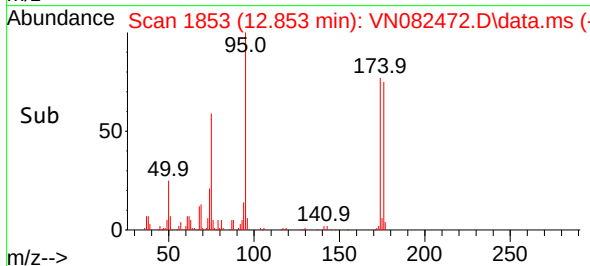
Instrument :  
MSVOA\_N  
ClientSampleId :  
WCS-TPN



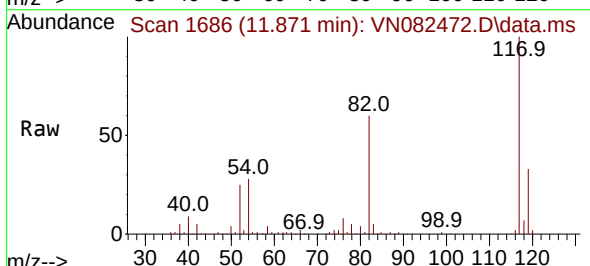
Tgt Ion: 95 Resp: 12571  
Ion Ratio Lower Upper  
95 100  
174 77.6 0.0 160.6  
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Manual Integrations  
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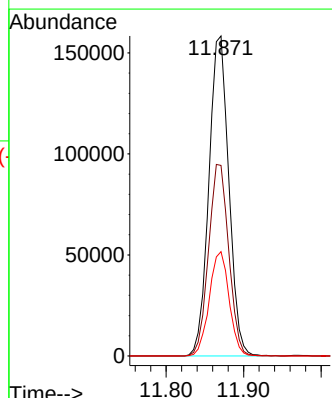
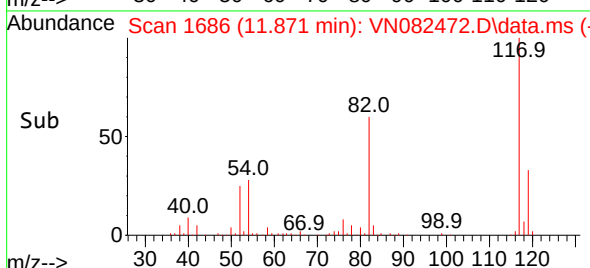
Reviewed By :John Carlone 06/06/2024  
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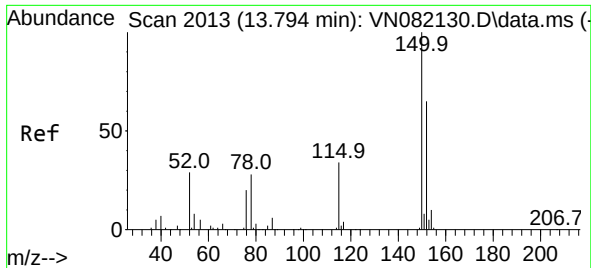
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN082472.D  
Acq: 05 Jun 2024 15:49



Tgt Ion:117 Resp: 282550  
Ion Ratio Lower Upper  
117 100  
82 59.5 44.6 66.8  
119 32.6 25.9 38.9

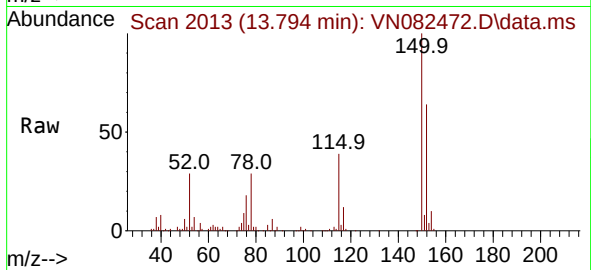






#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN082472.D  
 Acq: 05 Jun 2024 15:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WCS-TPN



Tgt Ion:152 Resp: 11536  
 Ion Ratio Lower Upper  
 152 100  
 115 60.9 30.4 91.3  
 150 159.3 0.0 353.2

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