

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062123\  
 Data File : VN078322.D  
 Acq On : 21 Jun 2023 15:10  
 Operator : JC\MD  
 Sample : 03359-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 OWBR-03-128-148-062023

Quant Time: Jun 22 04:50:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 06/22/2023  
 Supervised By : Mahesh Dadoda 06/22/2023

| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 8.235          | 168  | 417660              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.112          | 114  | 782304              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.871         | 117  | 707497              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.800         | 152  | 217043              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.588          | 65   | 298401              | 53.586 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 107.180% |        |       |          |
| 35) Dibromofluoromethane    | 8.177          | 113  | 274437              | 55.482 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 110.960% |        |       |          |
| 50) Toluene-d8              | 10.571         | 98   | 925814              | 48.551 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 97.100%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 12.859         | 95   | 294393              | 49.661 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 99.320%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 17) Carbon Disulfide        | 4.730          | 76   | 9817m               | 0.836  | ug/l  |          |
| 40) Benzene                 | 8.612          | 78   | 81212               | 3.834  | ug/l  | 100      |
| 67) Ethyl Benzene           | 11.965         | 91   | 12157               | 0.465  | ug/l  | 96       |
| -----                       |                |      |                     |        |       |          |

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

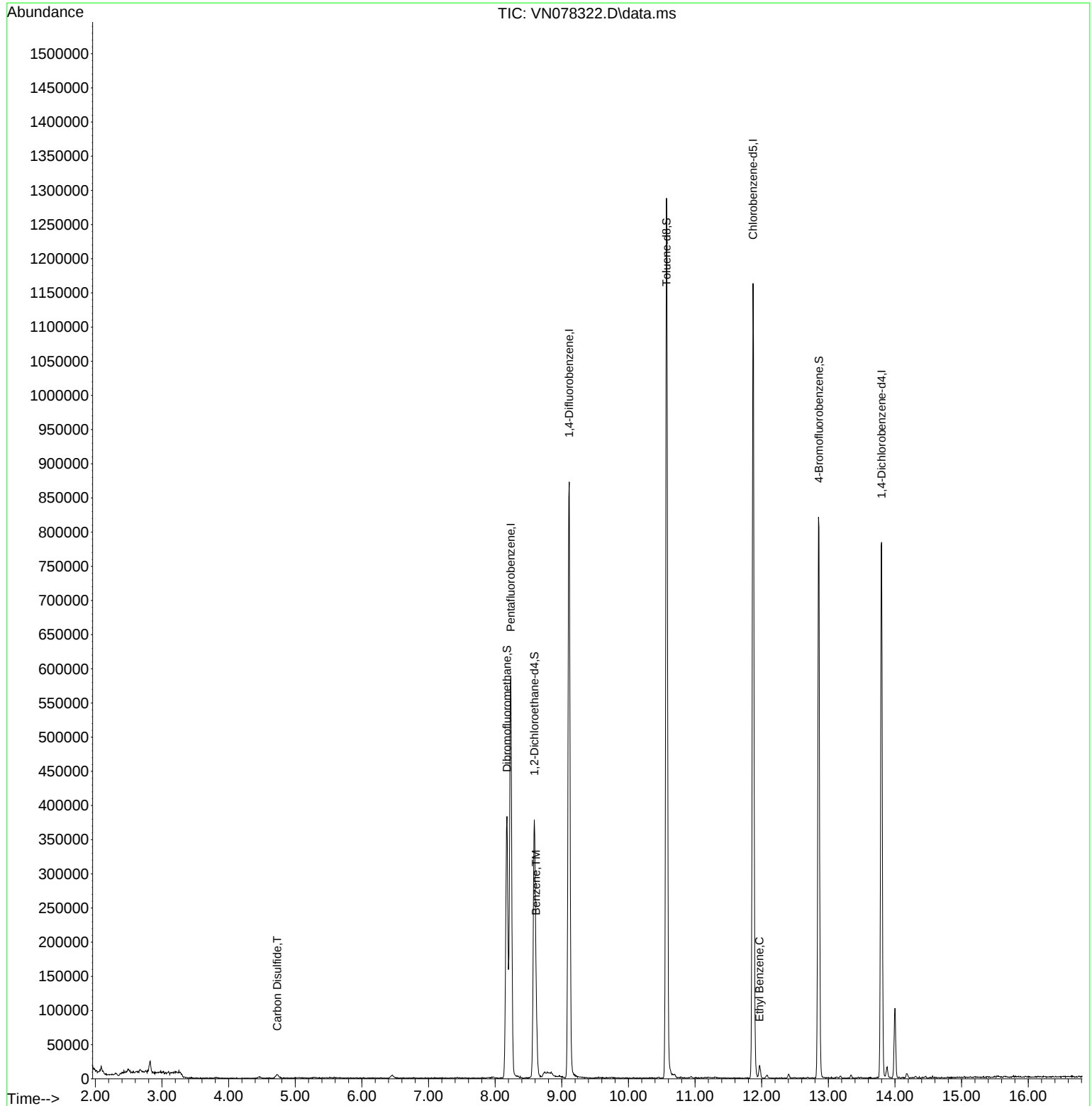
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062123\  
Data File : VN078322.D  
Acq On : 21 Jun 2023 15:10  
Operator : JC\MD  
Sample : 03359-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
OWBR-03-128-148-062023

Quant Time: Jun 22 04:50:01 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 07 05:05:00 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

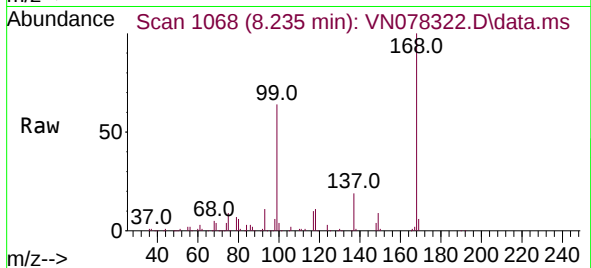
Reviewed By :John Carlone 06/22/2023  
Supervised By :Mahesh Dadoda 06/22/2023





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. 0.000 min  
Lab File: VN078322.D  
Acq: 21 Jun 2023 15:10

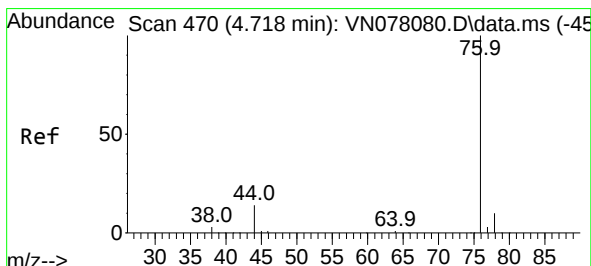
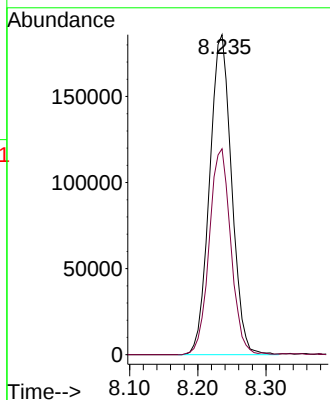
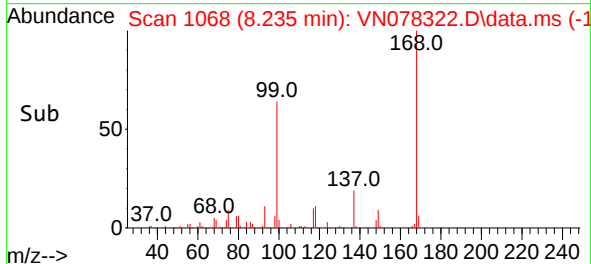
Instrument :  
MSVOA\_N  
ClientSampleId :  
OWBR-03-128-148-062023



Tgt Ion:168 Resp: 417660  
Ion Ratio Lower Upper  
168 100  
99 64.4 53.0 79.6

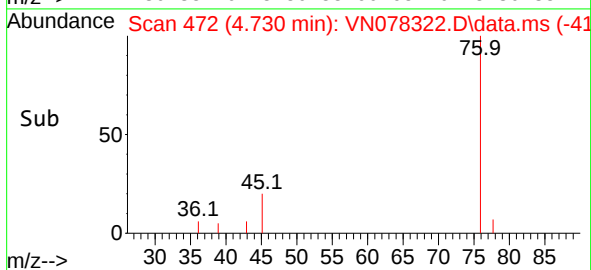
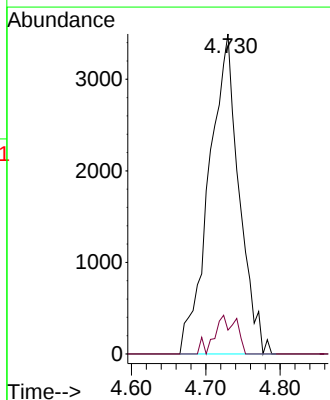
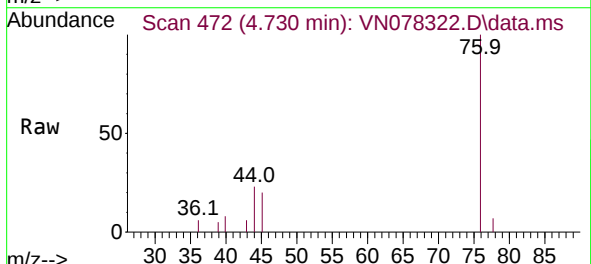
Manual Integrations  
APPROVED

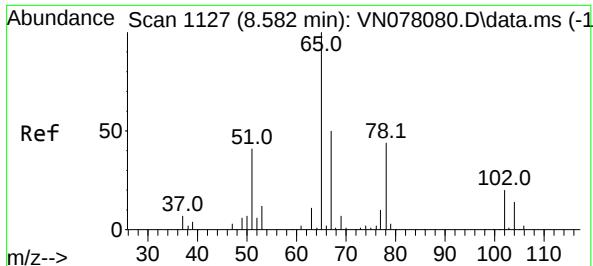
Reviewed By :John Carlone 06/22/2023  
Supervised By :Mahesh Dadoda 06/22/2023



#17  
Carbon Disulfide  
Concen: 0.836 ug/l m  
RT: 4.730 min Scan# 472  
Delta R.T. 0.012 min  
Lab File: VN078322.D  
Acq: 21 Jun 2023 15:10

Tgt Ion: 76 Resp: 9817  
Ion Ratio Lower Upper  
76 100  
78 7.5 7.4 11.0





#33

1,2-Dichloroethane-d4

Concen: 53.586 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078322.D

Acq: 21 Jun 2023 15:10

Instrument :

MSVOA\_N

ClientSampleId :

OWBR-03-128-148-062023

Tgt Ion: 65 Resp: 29840

Ion Ratio Lower Upper

65 100

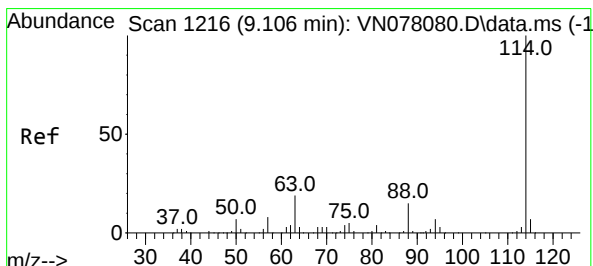
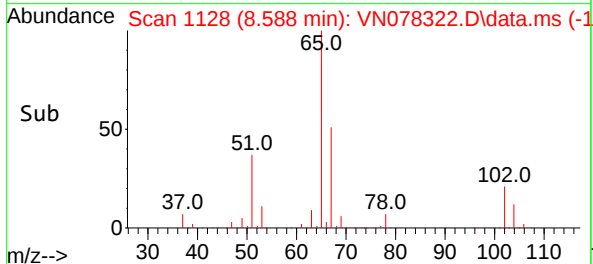
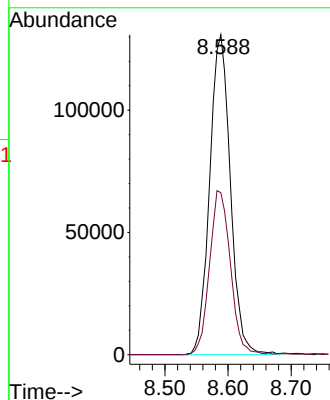
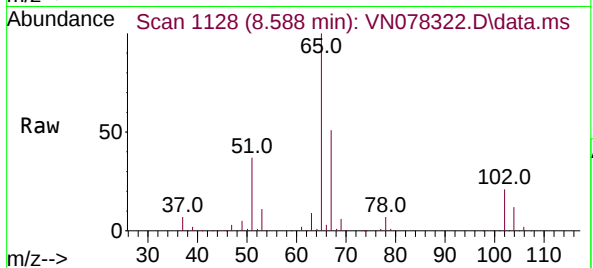
67 51.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078322.D

Acq: 21 Jun 2023 15:10

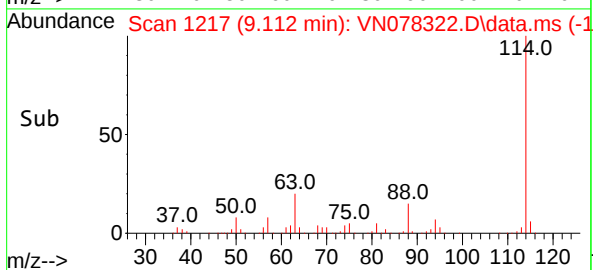
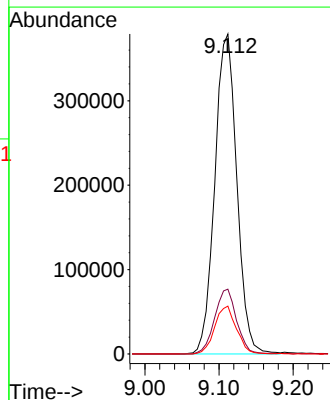
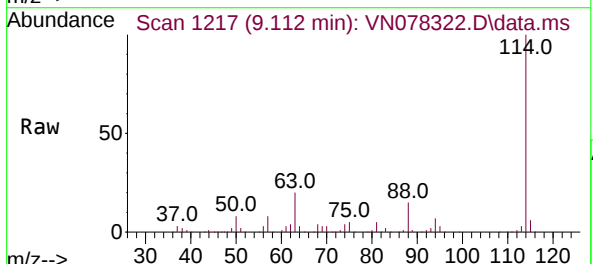
Tgt Ion:114 Resp: 782304

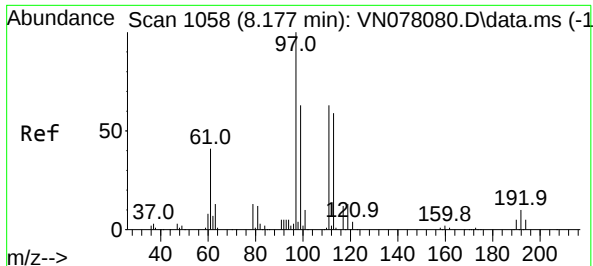
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

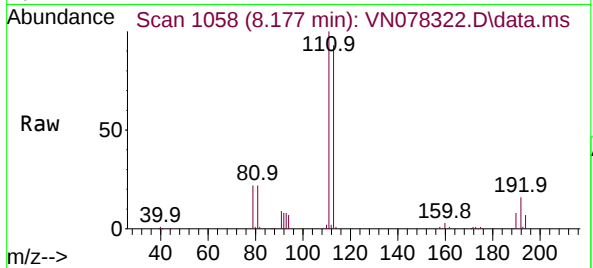
88 15.0 0.0 30.6





#35  
Dibromofluoromethane  
Concen: 55.482 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: VN078322.D  
Acq: 21 Jun 2023 15:10

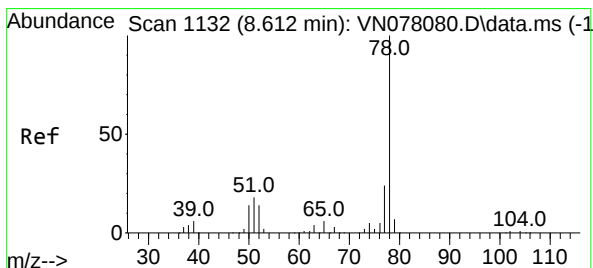
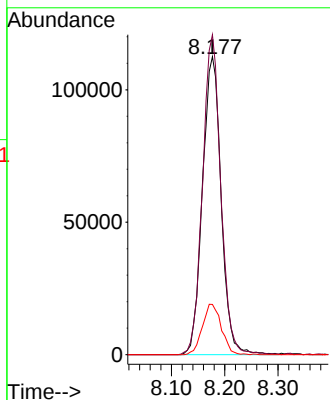
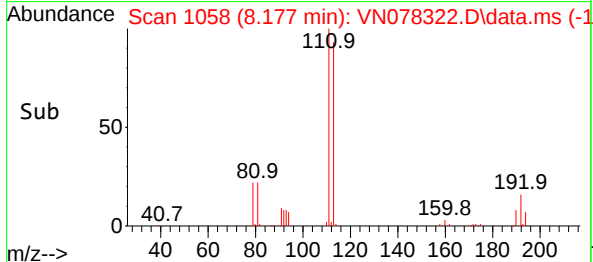
Instrument :  
MSVOA\_N  
ClientSampleId :  
OWBR-03-128-148-062023



Tgt Ion: 113 Resp: 27443  
Ion Ratio Lower Upper  
113 100  
111 104.5 82.6 123.8  
192 17.2 12.7 19.1

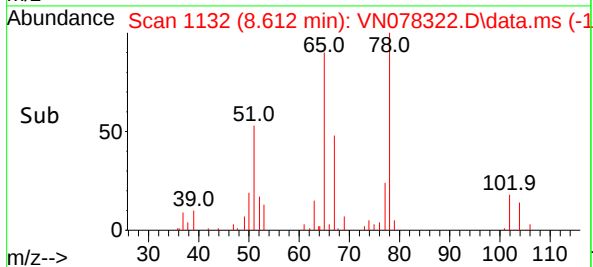
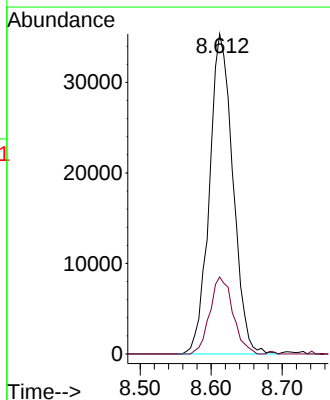
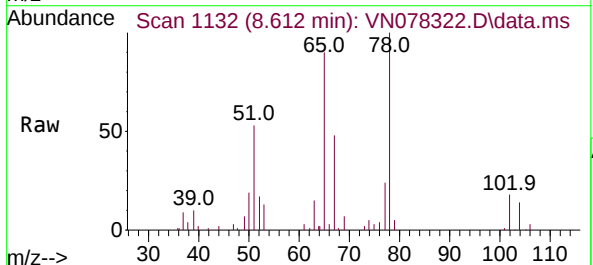
Manual Integrations  
APPROVED

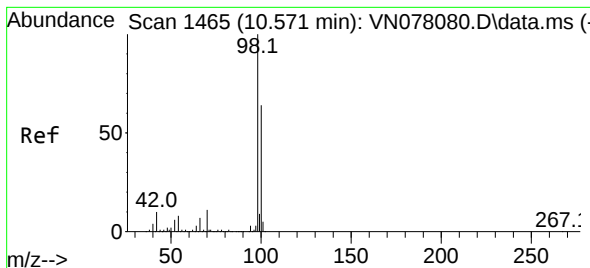
Reviewed By :John Carlone 06/22/2023  
Supervised By :Mahesh Dadoda 06/22/2023



#40  
Benzene  
Concen: 3.834 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. 0.000 min  
Lab File: VN078322.D  
Acq: 21 Jun 2023 15:10

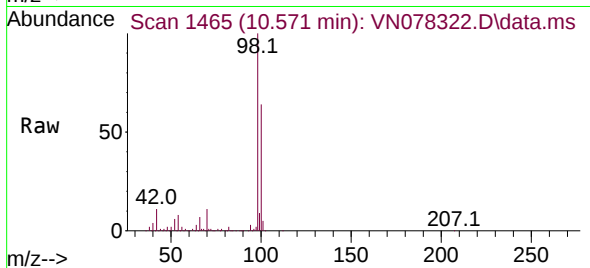
Tgt Ion: 78 Resp: 81212  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.0 28.6





#50  
Toluene-d8  
Concen: 48.551 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN078322.D  
Acq: 21 Jun 2023 15:10

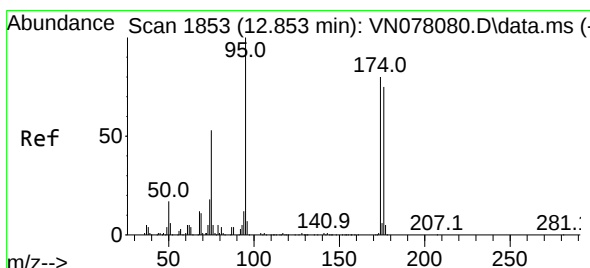
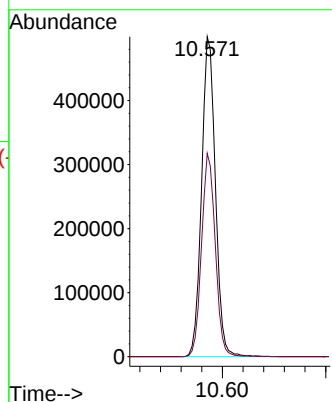
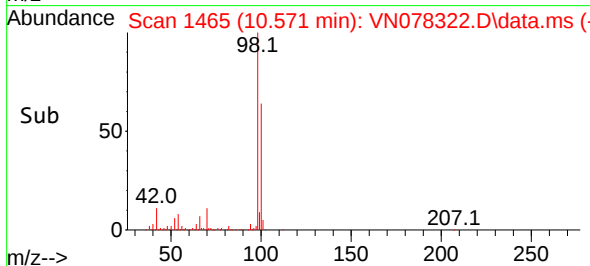
Instrument :  
MSVOA\_N  
ClientSampleId :  
OWBR-03-128-148-062023



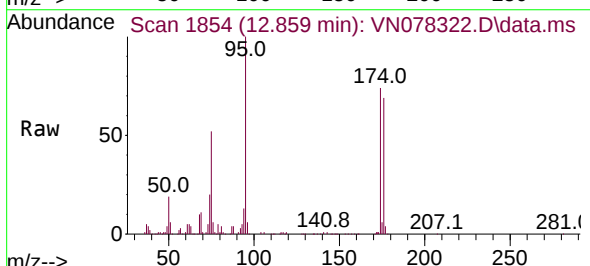
Tgt Ion: 98 Resp: 925814  
Ion Ratio Lower Upper  
98 100  
100 63.2 52.0 78.0

Manual Integrations  
APPROVED

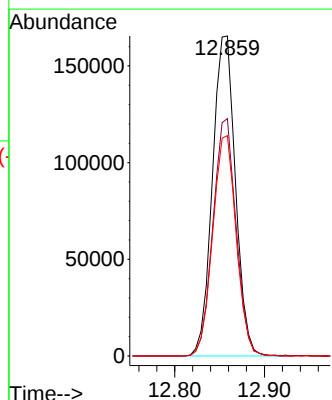
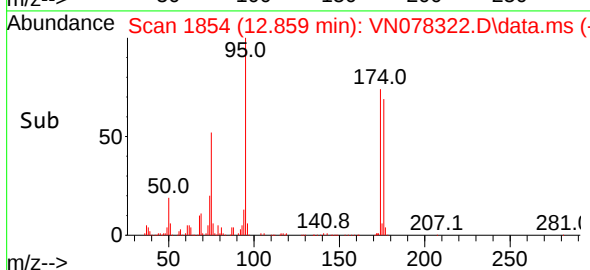
Reviewed By :John Carlone 06/22/2023  
Supervised By :Mahesh Dadoda 06/22/2023

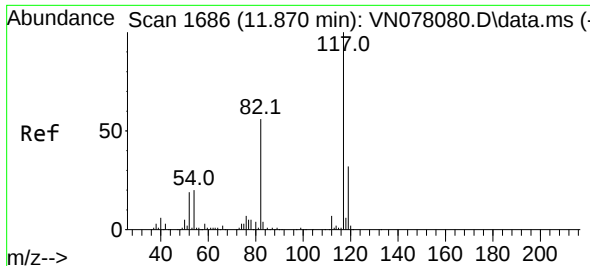


#62  
4-Bromofluorobenzene  
Concen: 49.661 ug/l  
RT: 12.859 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VN078322.D  
Acq: 21 Jun 2023 15:10



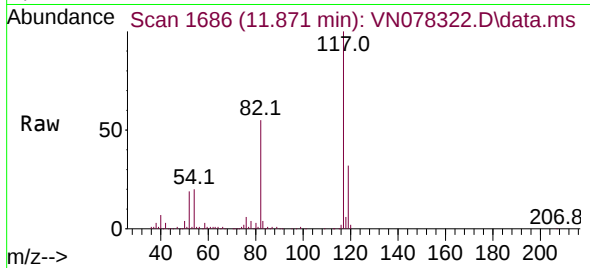
Tgt Ion: 95 Resp: 294393  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 143.8  
176 70.4 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN078322.D  
Acq: 21 Jun 2023 15:10

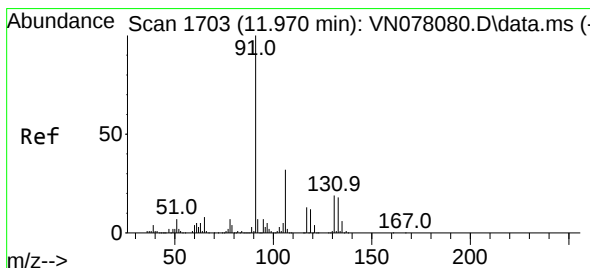
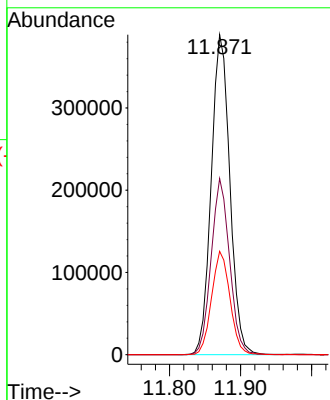
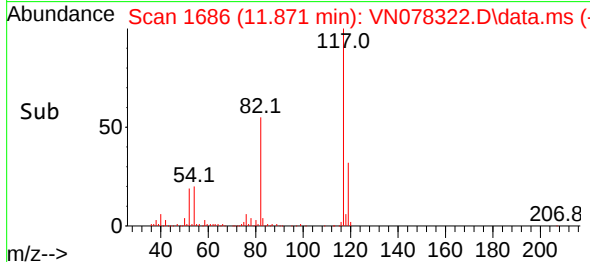
Instrument :  
MSVOA\_N  
ClientSampleId :  
OWBR-03-128-148-062023



Tgt Ion:117 Resp: 70749  
Ion Ratio Lower Upper  
117 100  
82 55.0 44.0 66.0  
119 32.3 25.6 38.4

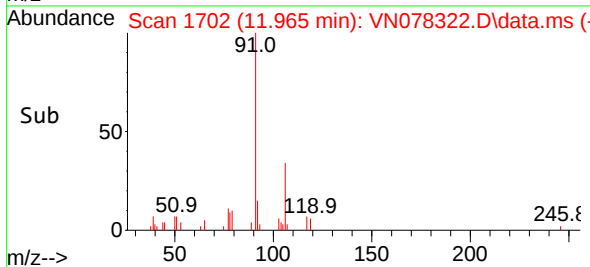
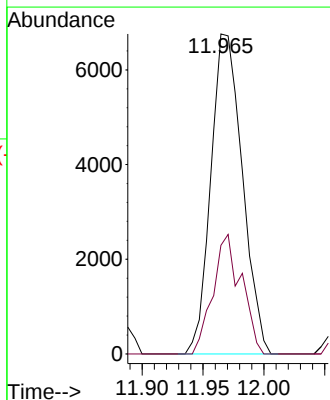
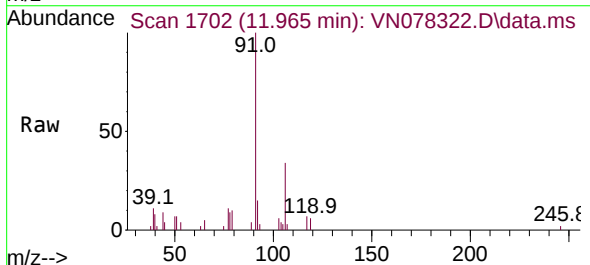
Manual Integrations  
APPROVED

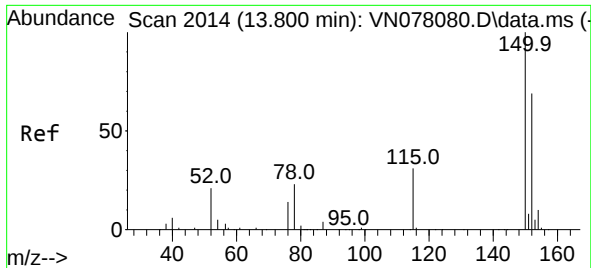
Reviewed By :John Carlone 06/22/2023  
Supervised By :Mahesh Dadoda 06/22/2023



#67  
Ethyl Benzene  
Concen: 0.465 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.006 min  
Lab File: VN078322.D  
Acq: 21 Jun 2023 15:10

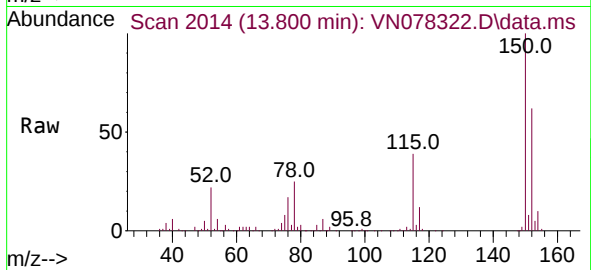
Tgt Ion: 91 Resp: 12157  
Ion Ratio Lower Upper  
91 100  
106 34.0 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.800 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN078322.D  
 Acq: 21 Jun 2023 15:10

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 OWBR-03-128-148-062023



Tgt Ion:152 Resp: 21704  
 Ion Ratio Lower Upper  
 152 100  
 115 62.7 32.3 96.8  
 150 157.7 0.0 355.8

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 06/22/2023  
 Supervised By :Mahesh Dadoda 06/22/2023

