

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062723\  
 Data File : VN078417.D  
 Acq On : 27 Jun 2023 15:29  
 Operator : JC\MD  
 Sample : 03390-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TW-3

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 06/28/2023  
 Supervised By : Mahesh Dadoda 06/28/2023

Quant Time: Jun 28 07:10:43 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

| Compound                    | R.T.           | QIon | Response            | Conc    | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|-------|----------|
| -----                       |                |      |                     |         |       |          |
| Internal Standards          |                |      |                     |         |       |          |
| 1) Pentafluorobenzene       | 8.230          | 168  | 455113              | 50.000  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.112          | 114  | 835504              | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.871         | 117  | 735383              | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.800         | 152  | 206362              | 50.000  | ug/l  | 0.00     |
|                             |                |      |                     |         |       |          |
| System Monitoring Compounds |                |      |                     |         |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.583          | 65   | 305459              | 50.339  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 100.680% |         |       |          |
| 35) Dibromofluoromethane    | 8.177          | 113  | 294464              | 55.740  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 111.480% |         |       |          |
| 50) Toluene-d8              | 10.577         | 98   | 938540              | 46.084  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 92.160%  |         |       |          |
| 62) 4-Bromofluorobenzene    | 12.853         | 95   | 292454              | 46.193  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 92.380%  |         |       |          |
|                             |                |      |                     |         |       |          |
| Target Compounds            |                |      |                     |         |       |          |
| 16) Acetone                 | 4.448          | 43   | 5336m               | 3.055   | ug/l  |          |
| 27) cis-1,2-Dichloroethene  | 7.494          | 96   | 12861               | 2.011   | ug/l  | 95       |
| 30) Chloroform              | 7.977          | 83   | 27427               | 2.706   | ug/l  | 86       |
| 44) Trichloroethene         | 9.359          | 130  | 9959                | 1.667   | ug/l  | 91       |
| 64) Tetrachloroethene       | 11.112         | 164  | 1159727             | 236.390 | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene     | 13.741         | 146  | 2363                | 0.308   | ug/l  | 94       |
| -----                       |                |      |                     |         |       |          |

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

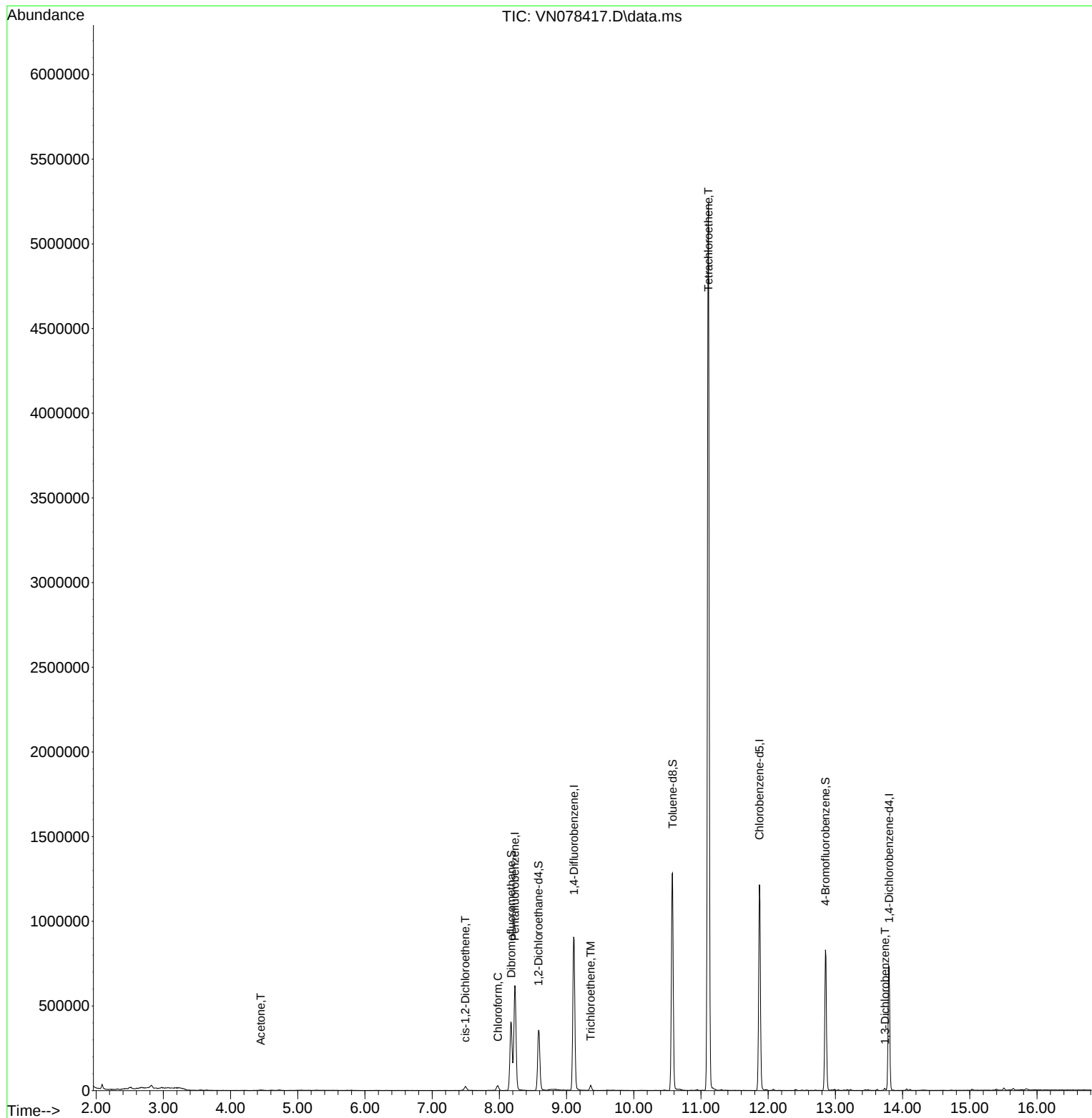
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062723\  
Data File : VN078417.D  
Acq On : 27 Jun 2023 15:29  
Operator : JC\MD  
Sample : 03390-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

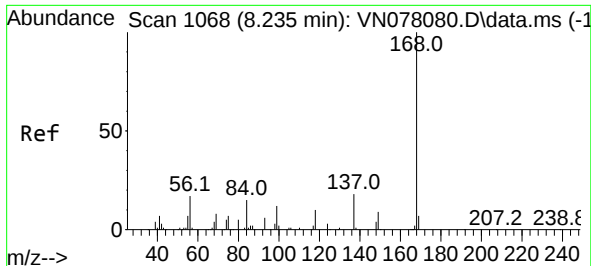
Instrument :  
MSVOA\_N  
ClientSampleId :  
TW-3

Quant Time: Jun 28 07:10:43 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

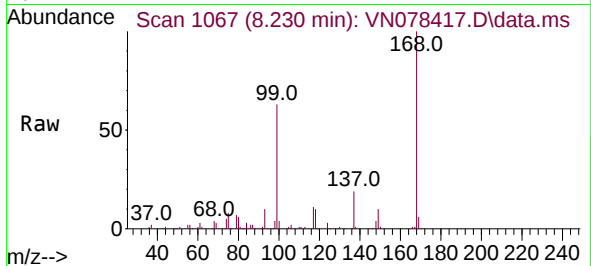
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.005 min  
Lab File: VN078417.D  
Acq: 27 Jun 2023 15:29

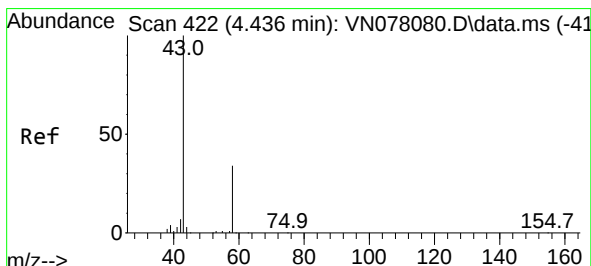
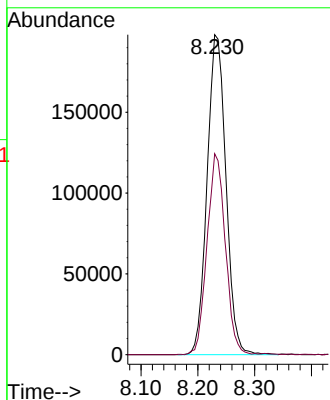
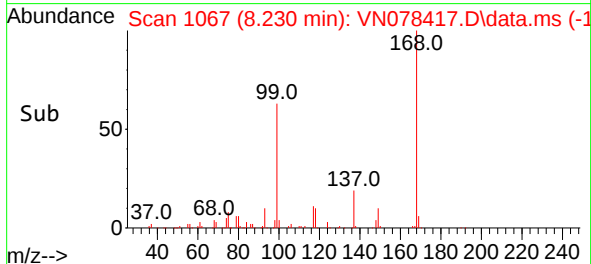
Instrument :  
MSVOA\_N  
ClientSampleId :  
TW-3



Tgt Ion:168 Resp: 45511  
Ion Ratio Lower Upper  
168 100  
99 62.7 53.0 79.6

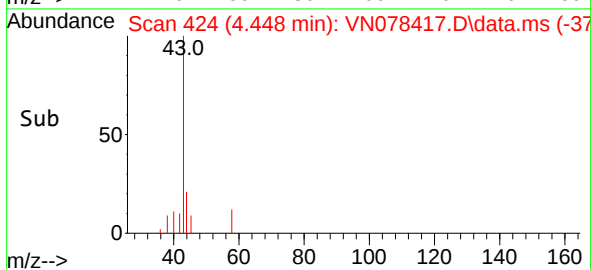
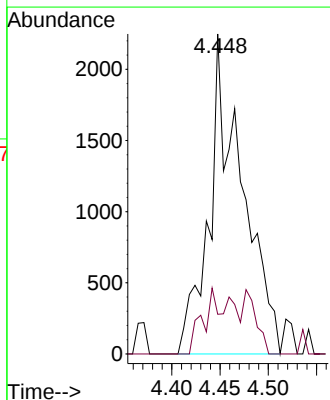
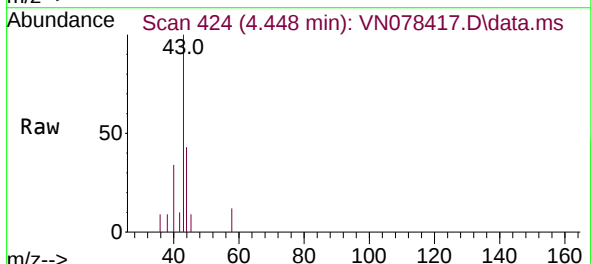
Manual Integrations  
APPROVED

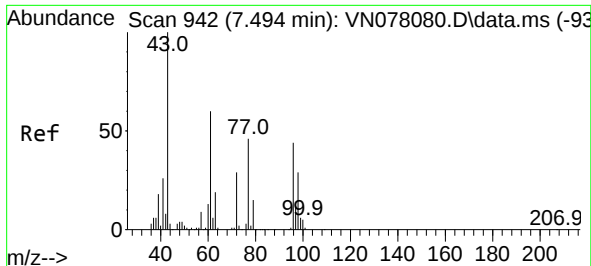
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#16  
Acetone  
Concen: 3.055 ug/l m  
RT: 4.448 min Scan# 424  
Delta R.T. 0.012 min  
Lab File: VN078417.D  
Acq: 27 Jun 2023 15:29

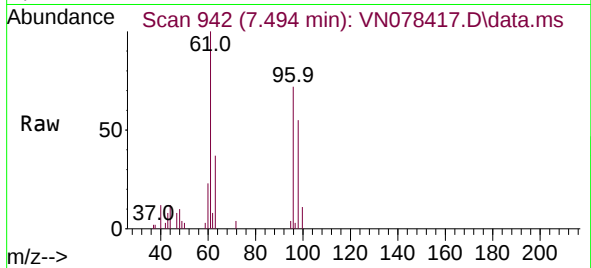
Tgt Ion: 43 Resp: 5336  
Ion Ratio Lower Upper  
43 100  
58 12.4 28.0 42.0#





#27  
cis-1,2-Dichloroethene  
Concen: 2.011 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VN078417.D  
Acq: 27 Jun 2023 15:29

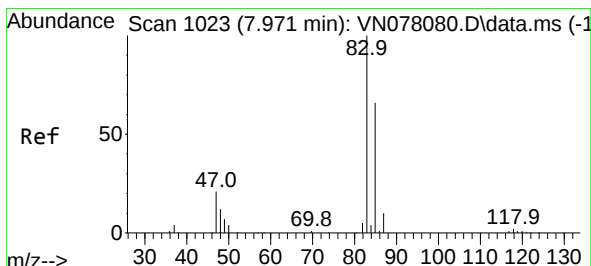
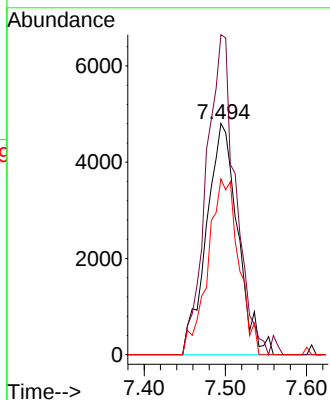
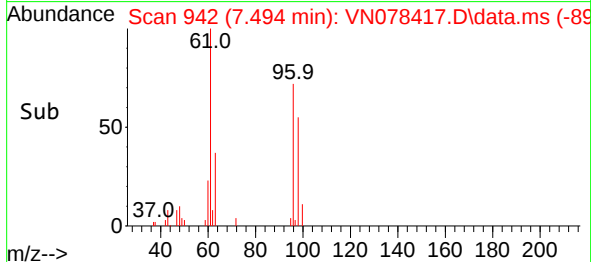
Instrument :  
MSVOA\_N  
ClientSampleId :  
TW-3



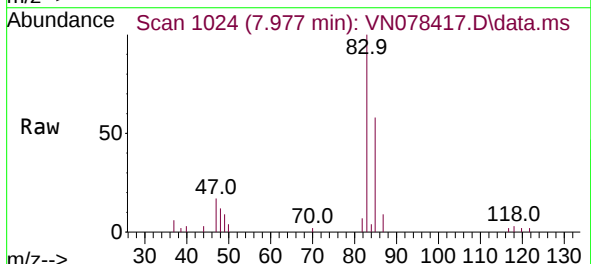
Tgt Ion: 96 Resp: 1286  
Ion Ratio Lower Upper  
96 100  
61 129.3 0.0 255.2  
98 74.9 0.0 128.8

Manual Integrations  
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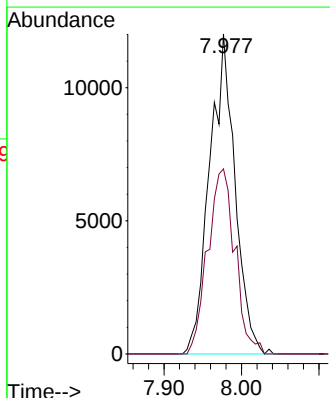
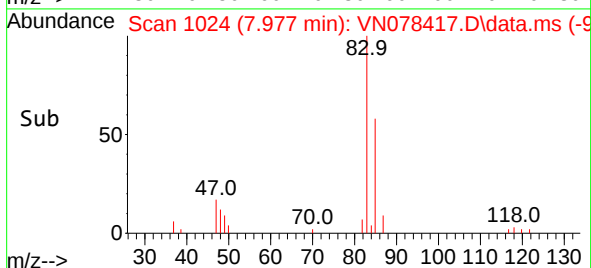
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

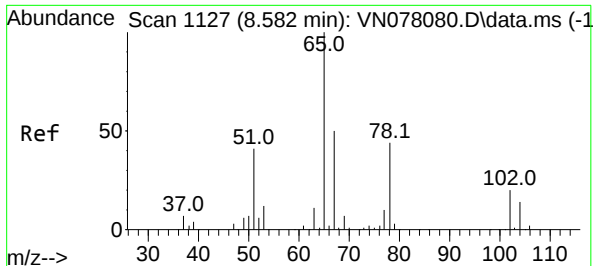


#30  
Chloroform  
Concen: 2.706 ug/l  
RT: 7.977 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: VN078417.D  
Acq: 27 Jun 2023 15:29



Tgt Ion: 83 Resp: 27427  
Ion Ratio Lower Upper  
83 100  
85 57.9 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 50.339 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078417.D

Acq: 27 Jun 2023 15:29

Instrument :

MSVOA\_N

ClientSampleId :

TW-3

Tgt Ion: 65 Resp: 30545

Ion Ratio Lower Upper

65 100

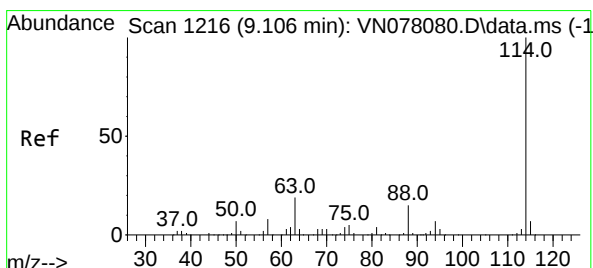
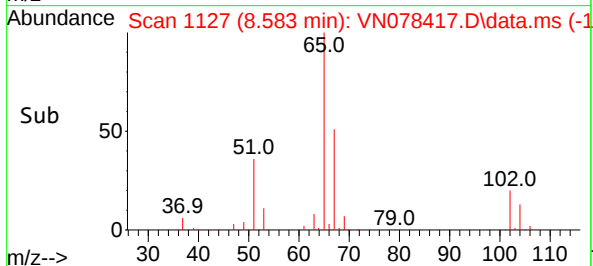
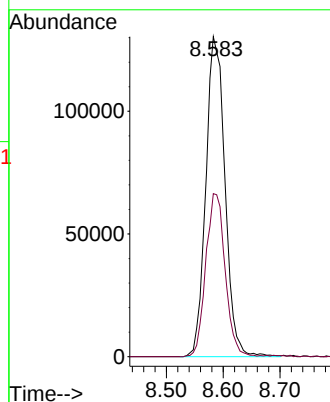
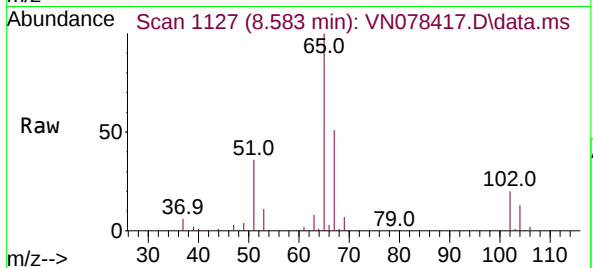
67 51.3 0.0 106.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078417.D

Acq: 27 Jun 2023 15:29

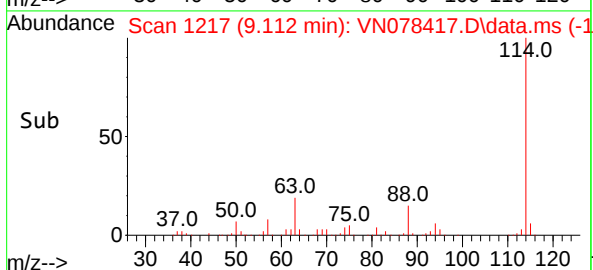
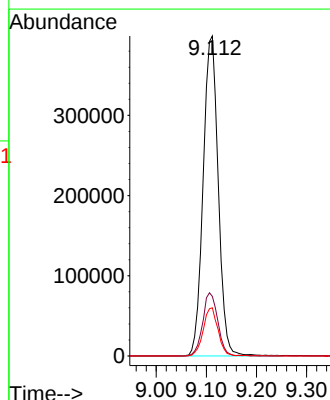
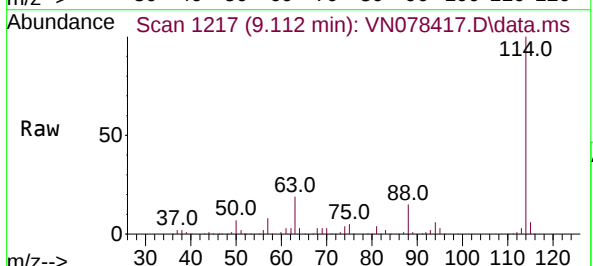
Tgt Ion:114 Resp: 835504

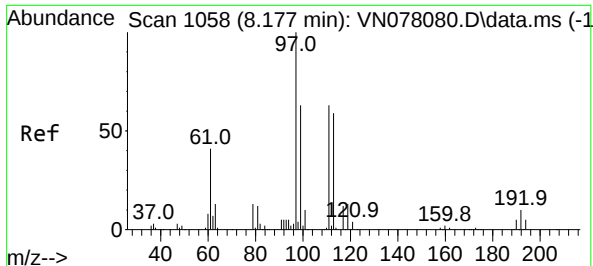
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.740 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078417.D

Acq: 27 Jun 2023 15:29

Instrument :

MSVOA\_N

ClientSampleId :

TW-3

Tgt Ion:113 Resp: 29446

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

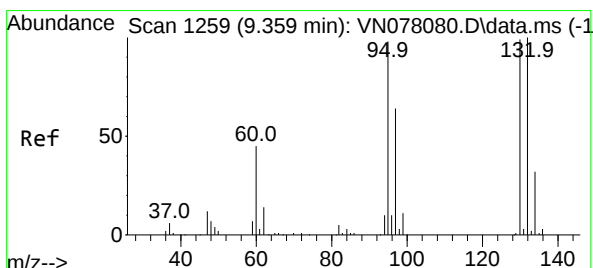
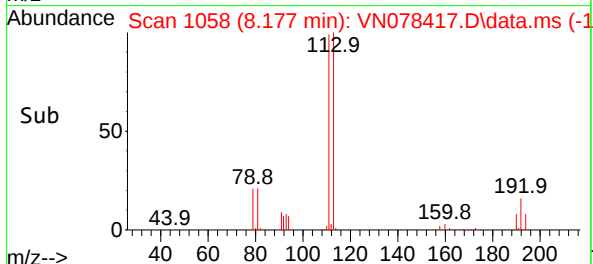
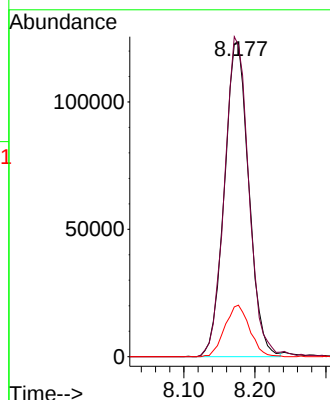
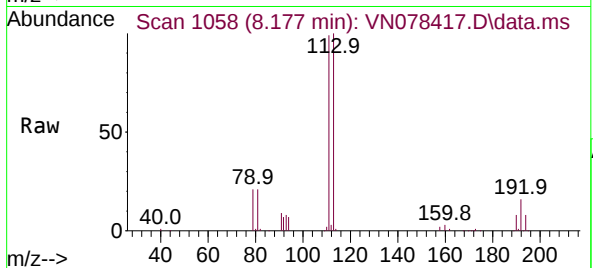
192 16.7 12.7 19.1

Manual Integrations

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Reviewed By :John Carlone 06/28/2023

Supervised By :Mahesh Dadoda 06/28/2023



#44

Trichloroethene

Concen: 1.667 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078417.D

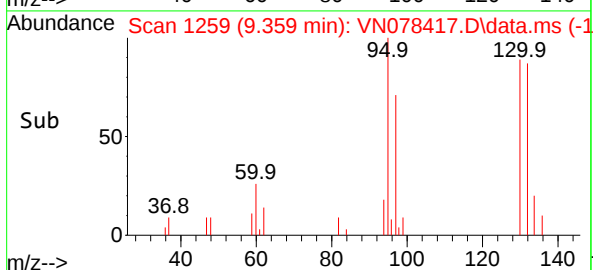
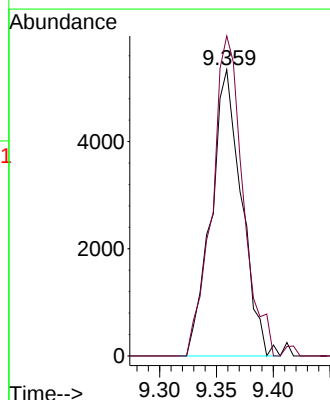
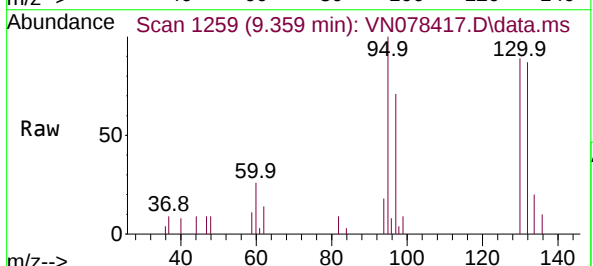
Acq: 27 Jun 2023 15:29

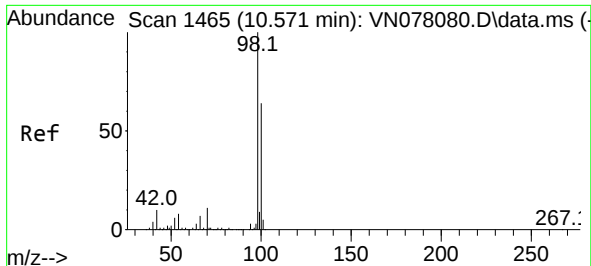
Tgt Ion:130 Resp: 9959

Ion Ratio Lower Upper

130 100

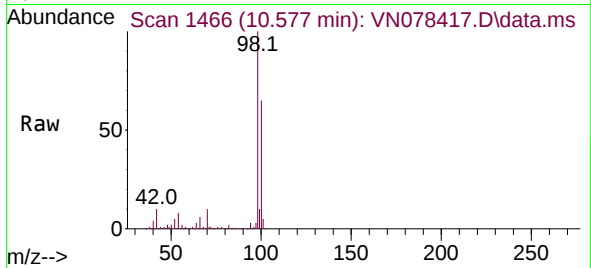
95 111.8 0.0 204.6





#50  
Toluene-d8  
Concen: 46.084 ug/l  
RT: 10.577 min Scan# 1466  
Delta R.T. 0.006 min  
Lab File: VN078417.D  
Acq: 27 Jun 2023 15:29

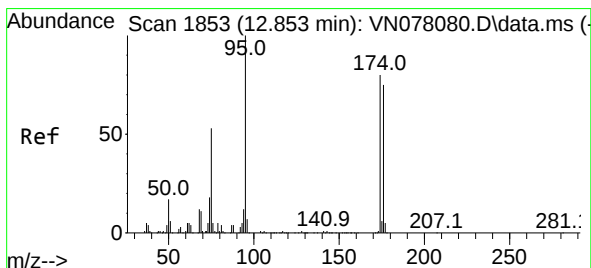
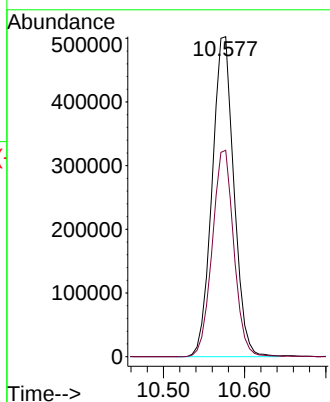
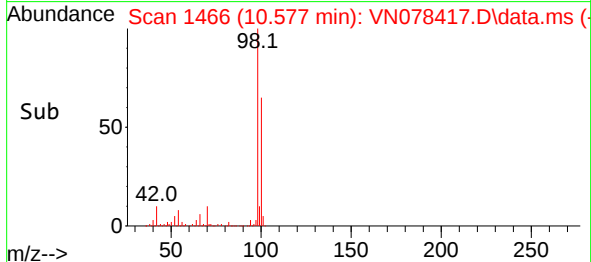
Instrument :  
MSVOA\_N  
ClientSampleId :  
TW-3



Tgt Ion: 98 Resp: 938540  
Ion Ratio Lower Upper  
98 100  
100 64.0 52.0 78.0

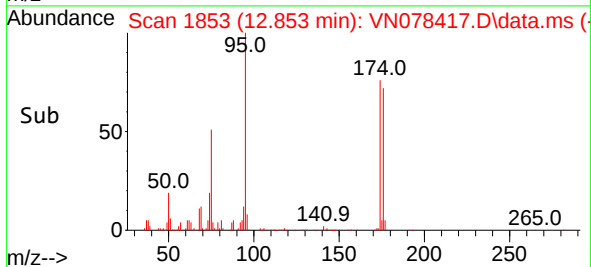
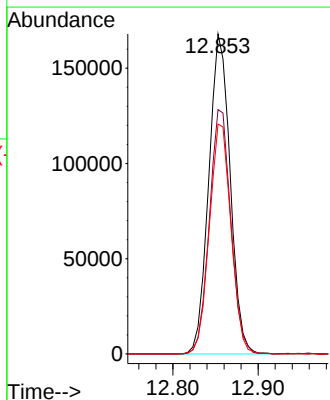
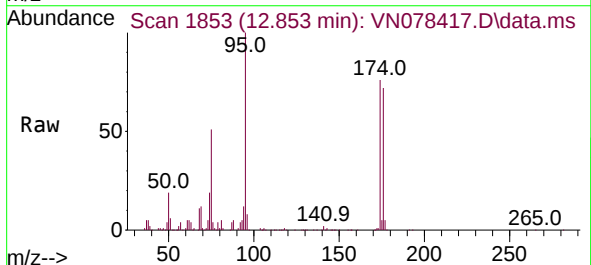
Manual Integrations  
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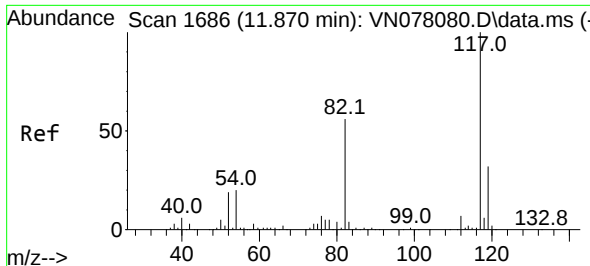
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023



#62  
4-Bromofluorobenzene  
Concen: 46.193 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN078417.D  
Acq: 27 Jun 2023 15:29

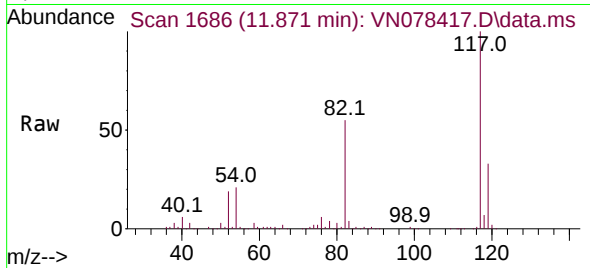
Tgt Ion: 95 Resp: 292454  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 143.8  
176 72.8 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN078417.D  
Acq: 27 Jun 2023 15:29

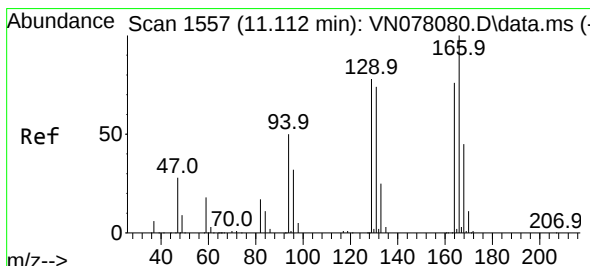
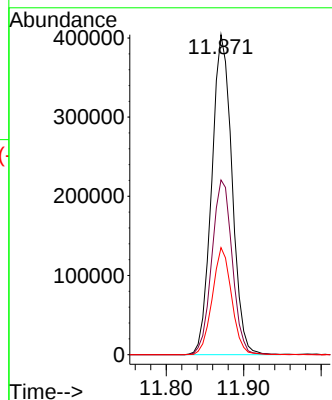
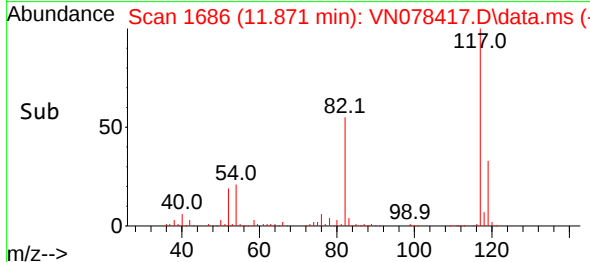
Instrument :  
MSVOA\_N  
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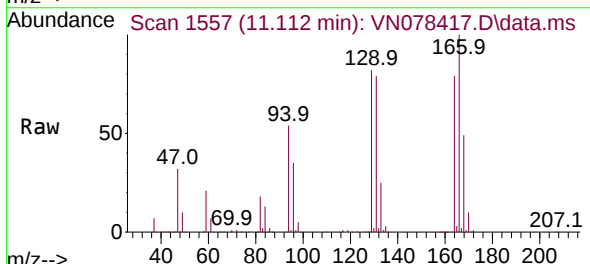
Tgt Ion:117 Resp: 73538  
Ion Ratio Lower Upper  
117 100  
82 54.6 44.0 66.0  
119 33.5 25.6 38.4

Manual Integrations  
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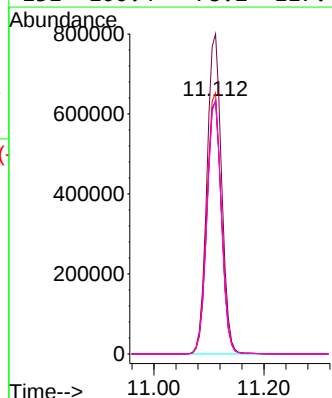
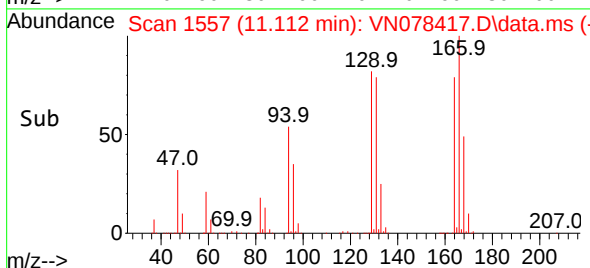
Reviewed By :John Carlone 06/28/2023  
Supervised By :Mahesh Dadoda 06/28/2023

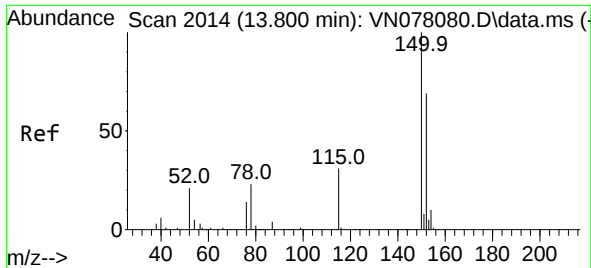


#64  
Tetrachloroethene  
Concen: 236.390 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. 0.000 min  
Lab File: VN078417.D  
Acq: 27 Jun 2023 15:29



Tgt Ion:164 Resp: 1159727  
Ion Ratio Lower Upper  
164 100  
166 126.5 101.4 152.0  
129 103.2 82.4 123.6  
131 100.4 78.2 117.4





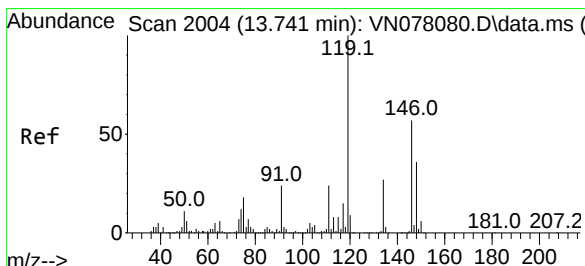
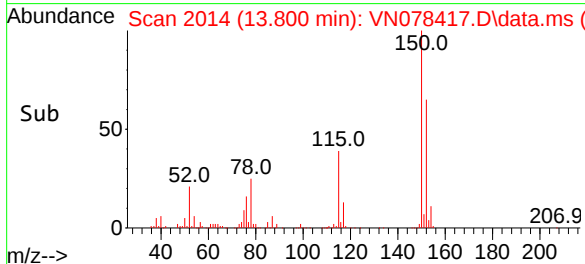
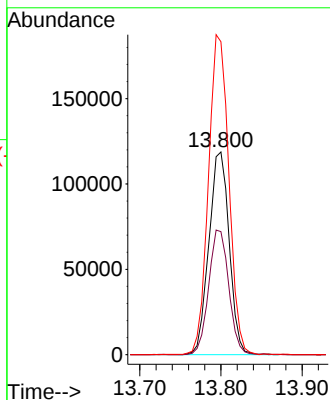
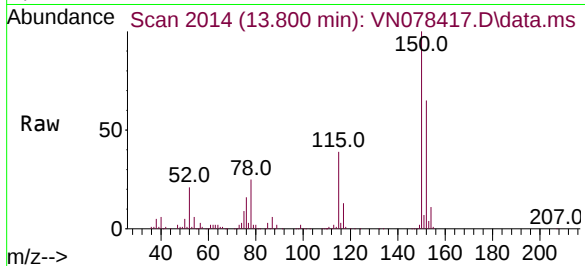
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.800 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: VN078417.D  
Acq: 27 Jun 2023 15:29

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:152 Resp: 206362  
Ion Ratio Lower Upper  
152 100  
115 60.9 32.3 96.8  
150 158.5 0.0 355.8

Manual Integrations  
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Supervised By :Mahesh Dadoda 06/28/2023



#87  
1,3-Dichlorobenzene  
Concen: 0.308 ug/l  
RT: 13.741 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: VN078417.D  
Acq: 27 Jun 2023 15:29

Tgt Ion:146 Resp: 2363  
Ion Ratio Lower Upper  
146 100  
111 53.0 22.1 66.3  
148 64.0 32.0 96.0

