

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072122\  
 Data File : VN073565.D  
 Acq On : 21 Jul 2022 19:13  
 Operator : JC\MD  
 Sample : N3771-04 20X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-10F

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022  
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 22 08:02:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 01:54:03 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 8.016          | 168  | 267725     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904          | 114  | 438304     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.686         | 117  | 405896     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.616         | 152  | 201034     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369          | 65   | 166316     | 43.032  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 86.060% |        |          |
| 35) Dibromofluoromethane    | 7.951          | 113  | 140995     | 48.351  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 96.700% |        |          |
| 50) Toluene-d8              | 10.381         | 98   | 464601     | 44.859  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 89.720% |        |          |
| 62) 4-Bromofluorobenzene    | 12.675         | 95   | 193958     | 48.731  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 97.460% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         |        |          |
| 20) Methylene Chloride      | 5.010          | 84   | 4464m      | 1.171   | ug/l   |          |
| 64) Tetrachloroethene       | 10.916         | 164  | 1674       | 0.505   | ug/l # | 61       |
| -----                       |                |      |            |         |        |          |

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

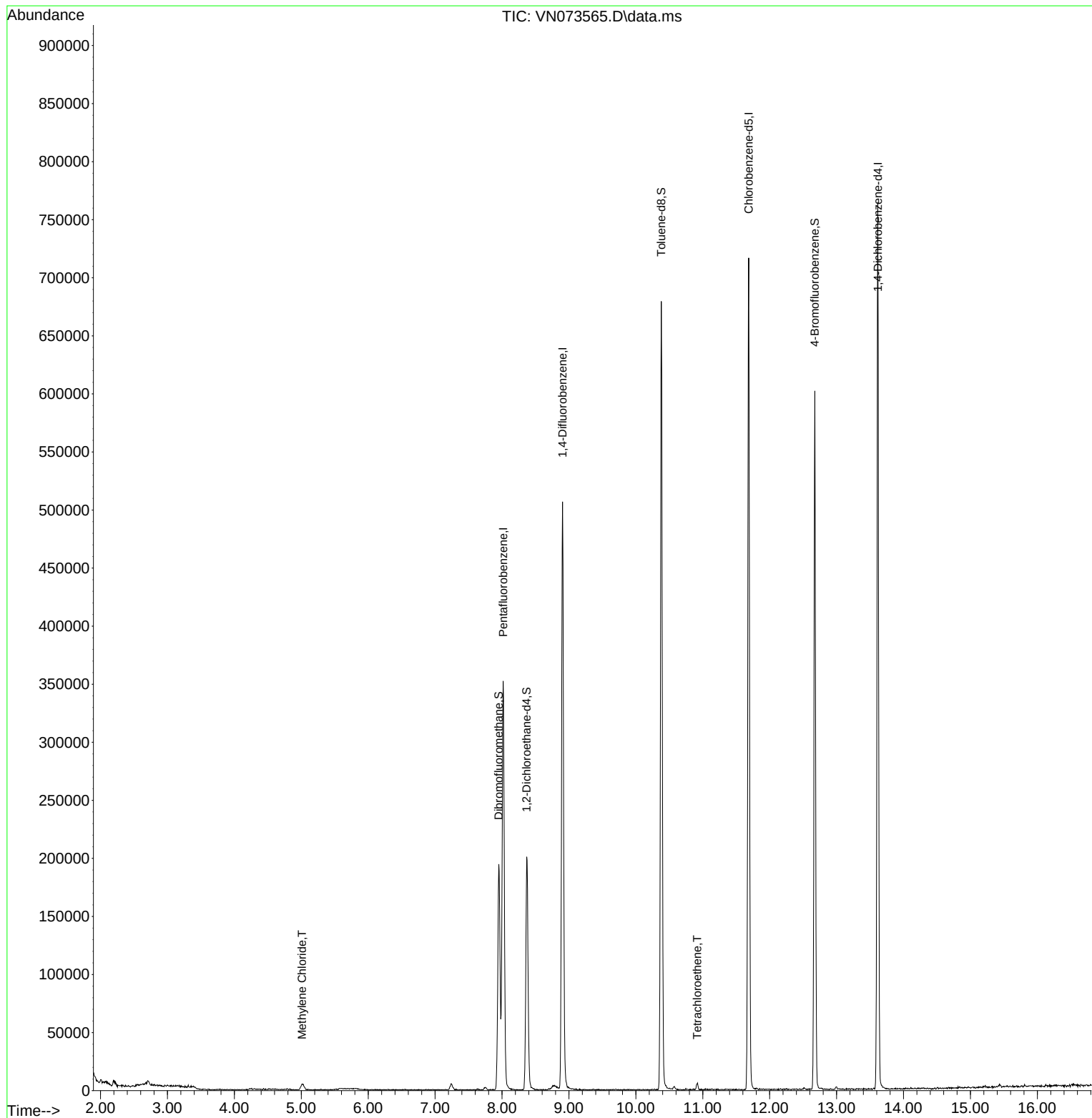
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072122\  
Data File : VN073565.D  
Acq On : 21 Jul 2022 19:13  
Operator : JC\MD  
Sample : N3771-04 20X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

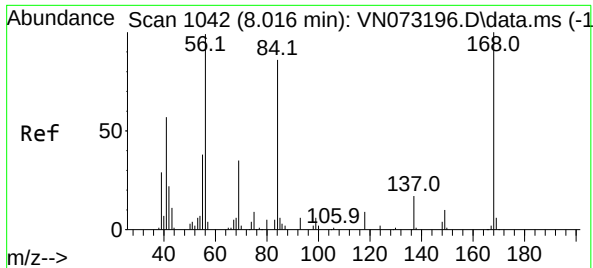
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-10F

Quant Time: Jul 22 08:02:17 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 01:54:03 2022  
Response via : Initial Calibration

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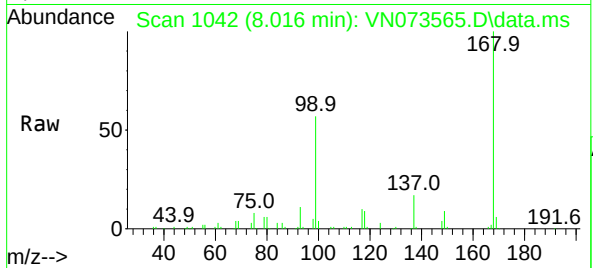
Reviewed By :Mahesh Dadoda 07/22/2022  
Supervised By :Semsettin Yesilyurt 07/22/2022





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073565.D  
Acq: 21 Jul 2022 19:13

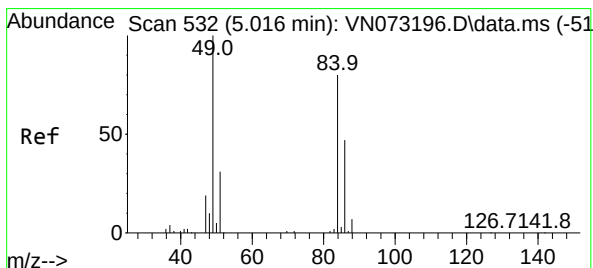
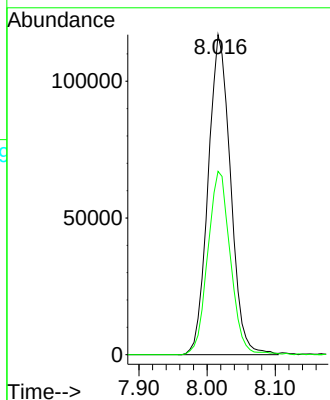
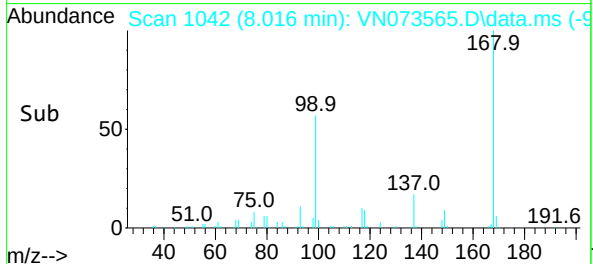
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-10F



Tgt Ion:168 Resp: 26772  
Ion Ratio Lower Upper  
168 100  
99 57.3 42.3 63.5

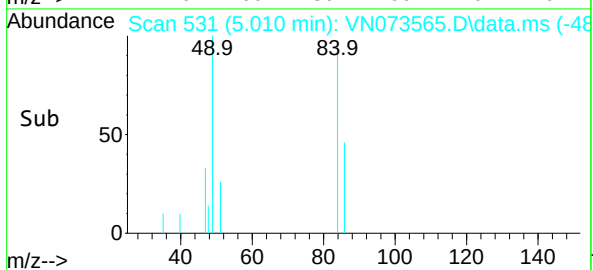
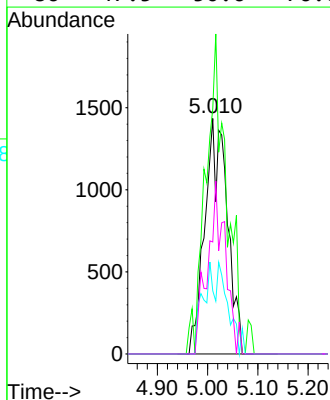
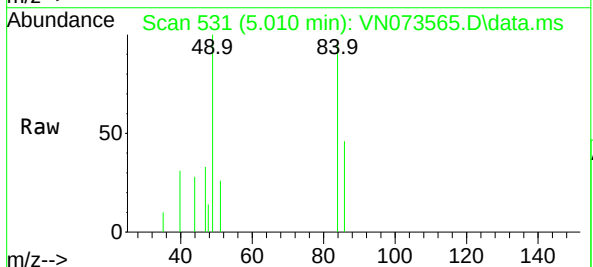
Manual Integrations  
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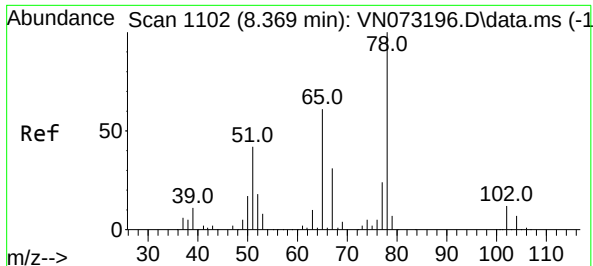
Reviewed By :Mahesh Dadoda 07/22/2022  
Supervised By :Semsettin Yesilyurt 07/22/2022



#20  
Methylene Chloride  
Concen: 1.171 ug/l m  
RT: 5.010 min Scan# 531  
Delta R.T. -0.006 min  
Lab File: VN073565.D  
Acq: 21 Jul 2022 19:13

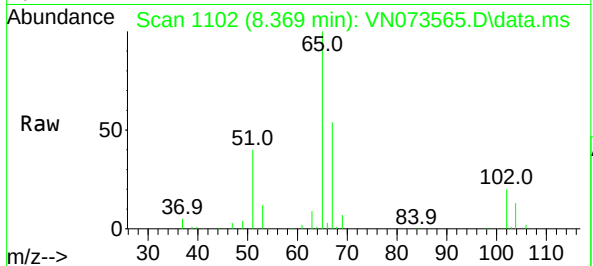
Tgt Ion: 84 Resp: 4464  
Ion Ratio Lower Upper  
84 100  
49 104.0 88.3 132.5  
51 26.8 28.2 42.2#  
86 47.5 50.6 76.0#





#33  
1,2-Dichloroethane-d4  
Concen: 43.032 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VN073565.D  
Acq: 21 Jul 2022 19:13

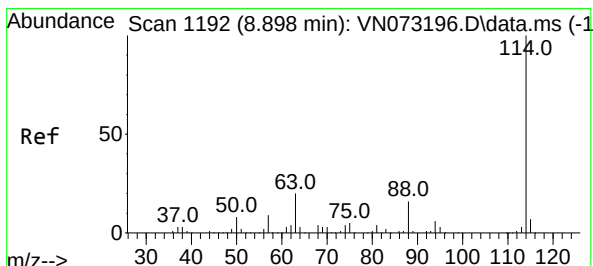
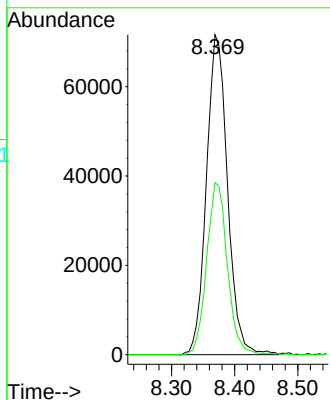
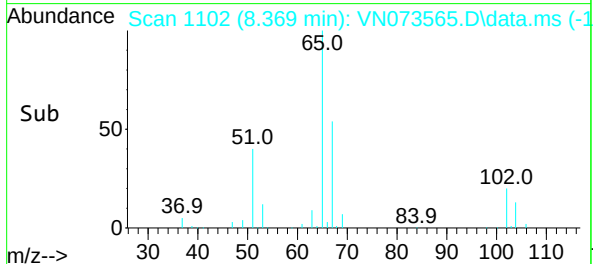
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-10F



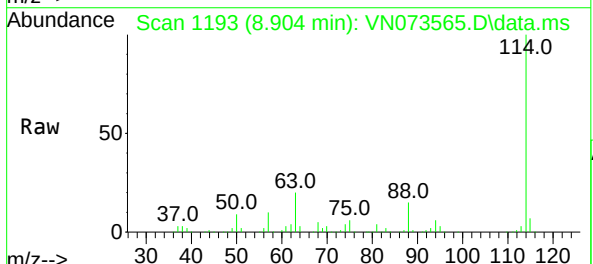
Tgt Ion: 65 Resp: 166310  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 104.8

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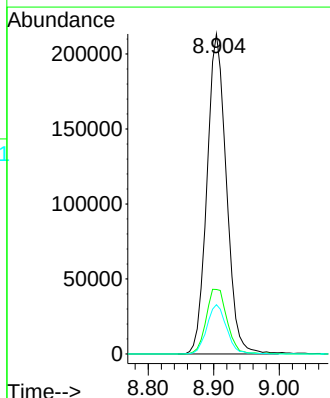
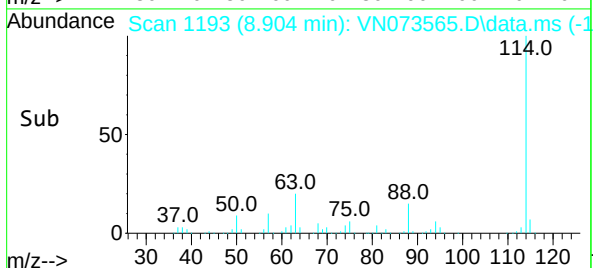
Reviewed By :Mahesh Dadoda 07/22/2022  
Supervised By :Semsettin Yesilyurt 07/22/2022

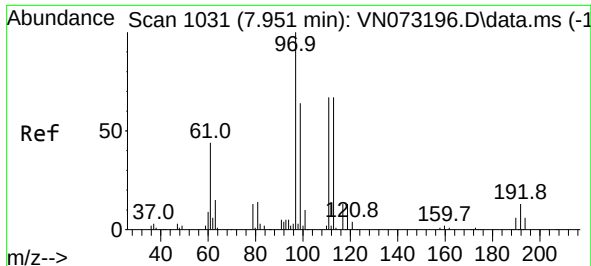


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VN073565.D  
Acq: 21 Jul 2022 19:13



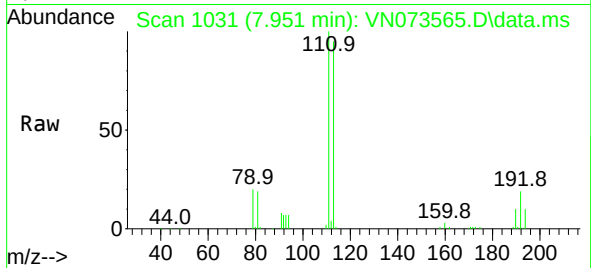
Tgt Ion:114 Resp: 438304  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 40.0  
88 15.4 0.0 32.6





#35  
Dibromofluoromethane  
Concen: 48.351 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN073565.D  
Acq: 21 Jul 2022 19:13

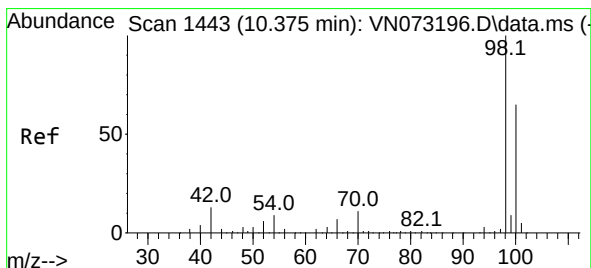
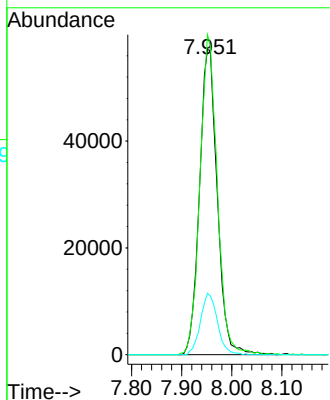
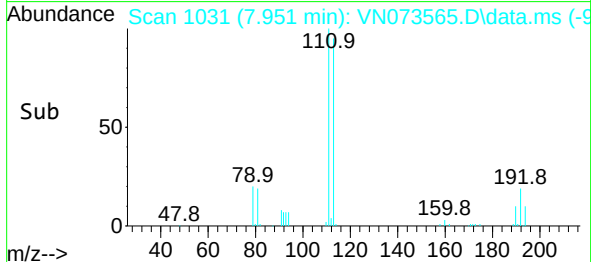
Instrument :  
MSVOA\_N  
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Tgt Ion: 113 Resp: 14099  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.4 122.0  
192 19.2 17.0 25.6

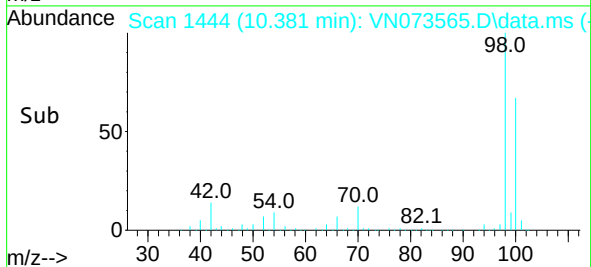
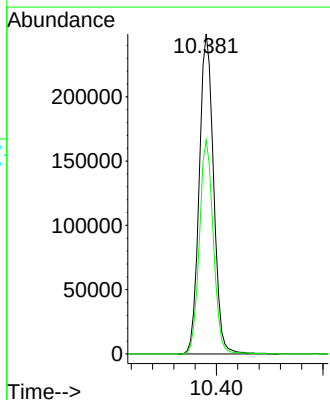
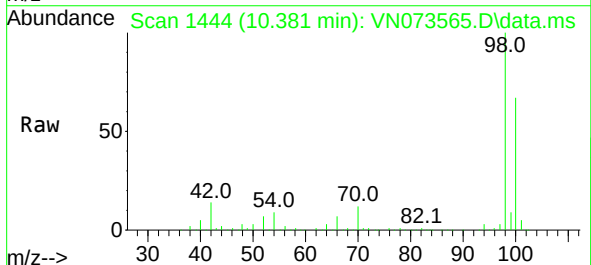
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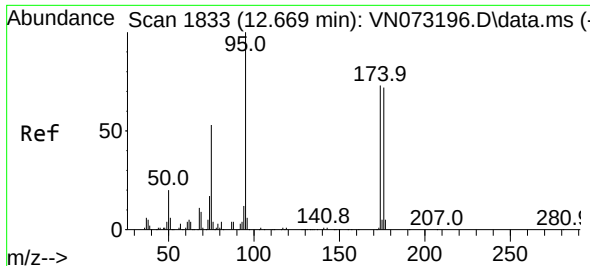
Reviewed By :Mahesh Dadoda 07/22/2022  
Supervised By :Semsettin Yesilyurt 07/22/2022



#50  
Toluene-d8  
Concen: 44.859 ug/l  
RT: 10.381 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: VN073565.D  
Acq: 21 Jul 2022 19:13

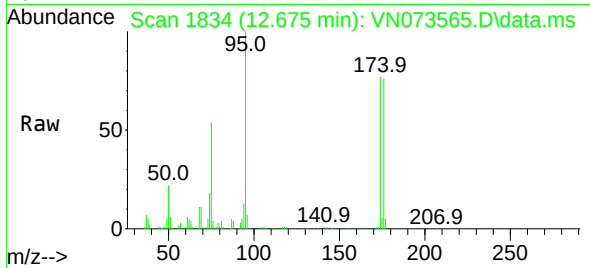
Tgt Ion: 98 Resp: 464601  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.6 78.8





#62  
4-Bromofluorobenzene  
Concen: 48.731 ug/l  
RT: 12.675 min Scan# 1833  
Delta R.T. 0.005 min  
Lab File: VN073565.D  
Acq: 21 Jul 2022 19:13

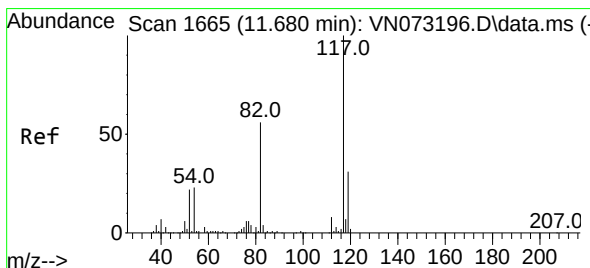
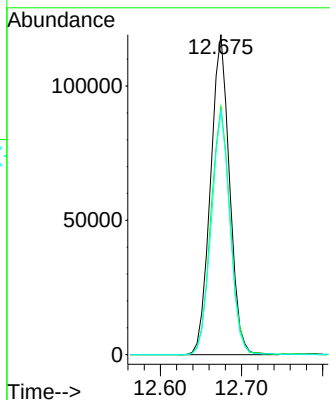
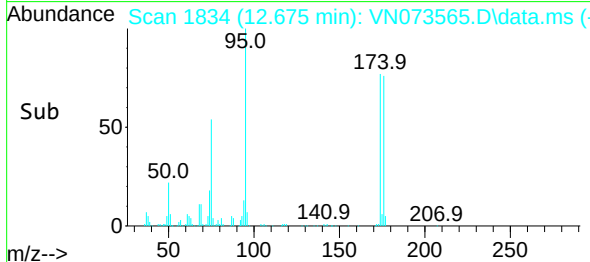
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-10F



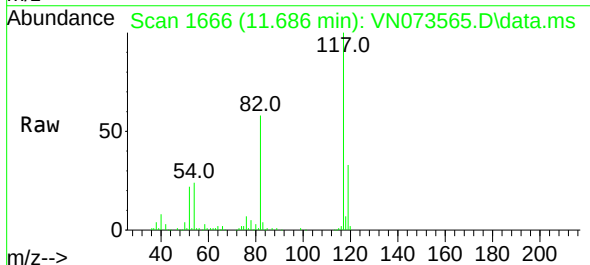
Tgt Ion: 95 Resp: 193958  
Ion Ratio Lower Upper  
95 100  
174 78.0 0.0 167.6  
176 74.9 0.0 163.4

Manual Integrations  
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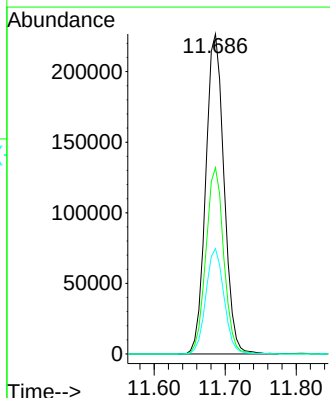
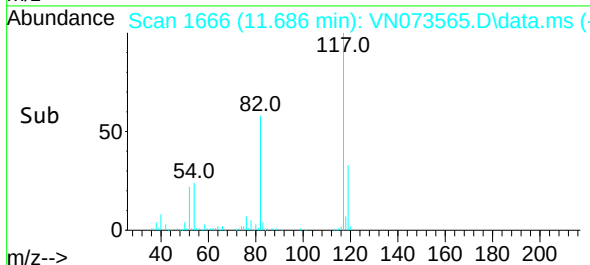
Reviewed By :Mahesh Dadoda 07/22/2022  
Supervised By :Semsettin Yesilyurt 07/22/2022

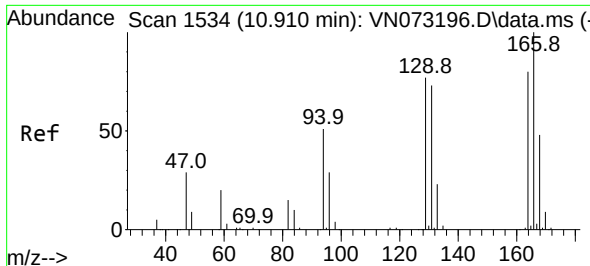


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. 0.006 min  
Lab File: VN073565.D  
Acq: 21 Jul 2022 19:13



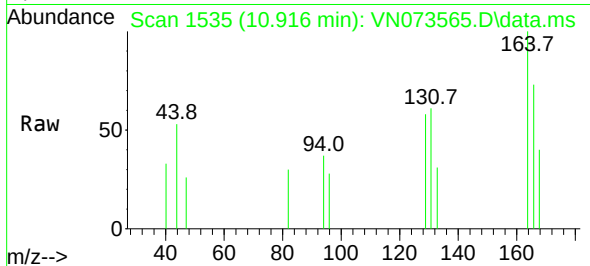
Tgt Ion:117 Resp: 405896  
Ion Ratio Lower Upper  
117 100  
82 58.2 44.2 66.2  
119 32.9 25.4 38.0





#64  
Tetrachloroethene  
Concen: 0.505 ug/l  
RT: 10.916 min Scan# 1535  
Delta R.T. 0.006 min  
Lab File: VN073565.D  
Acq: 21 Jul 2022 19:13

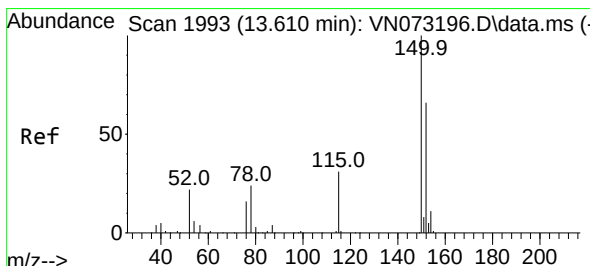
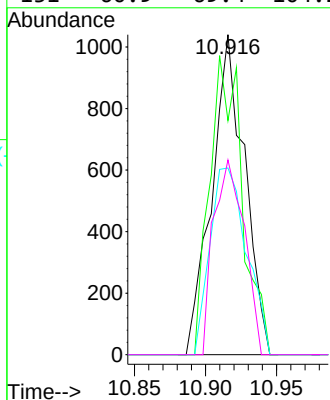
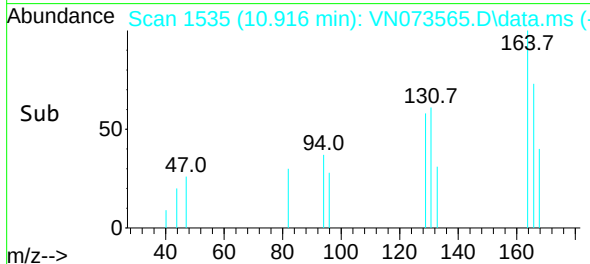
Instrument :  
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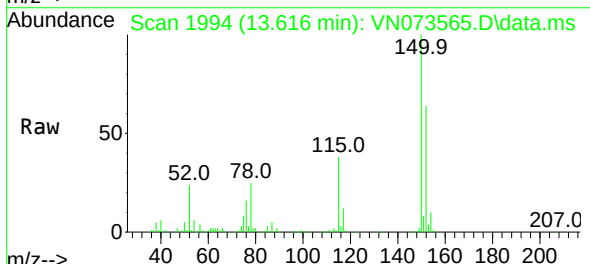
Tgt Ion:164 Resp: 1674  
Ion Ratio Lower Upper  
164 100  
166 73.2 104.2 156.2  
129 58.4 73.9 110.9  
131 60.9 69.4 104.2#

Manual Integrations  
APPROVED

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Supervised By :Semsettin Yesilyurt 07/22/2022



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.616 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: VN073565.D  
Acq: 21 Jul 2022 19:13



Tgt Ion:152 Resp: 201034  
Ion Ratio Lower Upper  
152 100  
115 58.7 28.9 86.7  
150 156.9 0.0 356.2

