

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062121\  
 Data File : VX022803.D  
 Acq On : 21 Jun 2021 18:33  
 Operator : JC/MD  
 Sample : M2783-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE139D1-20210617

Manual Integrations  
 APPROVED

MMDadoda  
 6/22/2021 9:09:35 AM

Quant Time: Jun 22 01:15:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 12:20:00 2021  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                        |           |       |          |          |            |          |
| Internal Standards           |           |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.562     | 168   | 53320    | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.769     | 114   | 107256   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 93652    | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 33999    | 50.000   | ug/l       | 0.00     |
|                              |           |       |          |          |            |          |
| System Monitoring Compounds  |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.964     | 65    | 51401    | 53.602   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | = 107.200% |          |
| 35) Dibromofluoromethane     | 5.391     | 113   | 36115    | 52.775   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | = 105.560% |          |
| 50) Toluene-d8               | 8.653     | 98    | 141667   | 52.516   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | = 105.040% |          |
| 62) 4-Bromofluorobenzene     | 11.085    | 95    | 46466    | 45.544   | ug/l       | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | = 91.080%  |          |
|                              |           |       |          |          |            |          |
| Target Compounds             |           |       |          |          |            | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.331     | 101   | 3886     | 5.954    | ug/l       | 87       |
| 12) 1,1-Dichloroethene       | 2.325     | 96    | 2264     | 3.497    | ug/l #     | 62       |
| 16) Acetone                  | 2.386     | 43    | 1588     | 3.698    | ug/l #     | 79       |
| 27) cis-1,2-Dichloroethene   | 4.501     | 96    | 1558     | 1.783    | ug/l       | 96       |
| 38) Carbon Tetrachloride     | 5.672     | 117   | 1298m    | 1.420    | ug/l       |          |
| 44) Trichloroethene          | 7.135     | 130   | 139387   | 186.754  | ug/l       | 90       |
| 55) 1,1,2-Trichloroethane    | 9.159     | 97    | 859      | 1.061    | ug/l #     | 90       |
| -----                        |           |       |          |          |            |          |

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

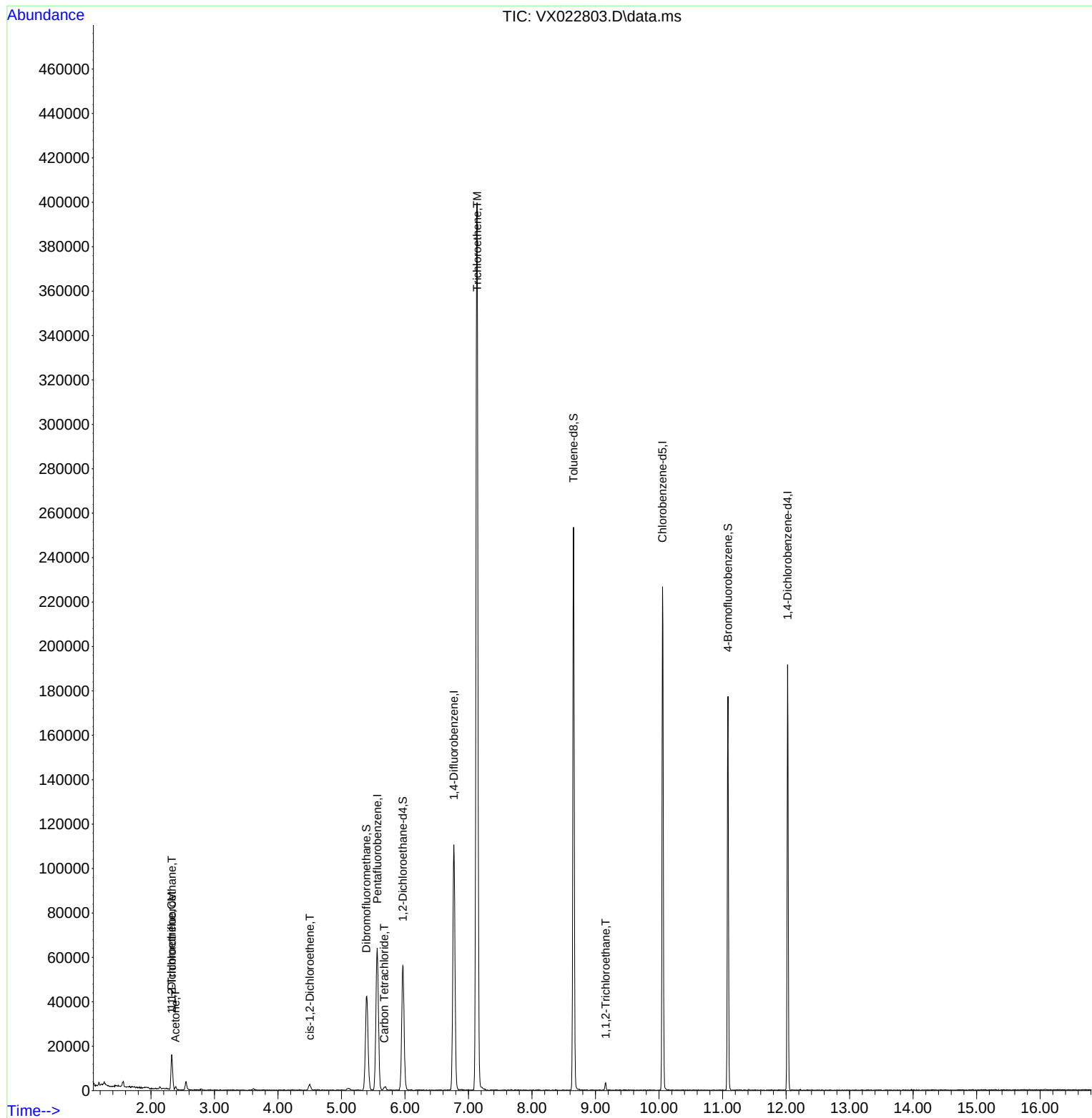
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062121\  
Data File : VX022803.D  
Acq On : 21 Jun 2021 18:33  
Operator : JC/MD  
Sample : M2783-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

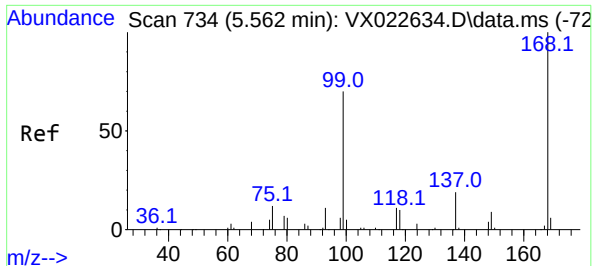
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE139D1-20210617

Manual Integrations  
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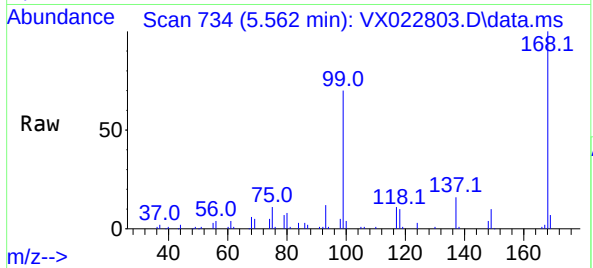
MMDadoda  
6/22/2021 9:09:35 AM

Quant Time: Jun 22 01:15:34 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 10 12:20:00 2021  
Response via : Initial Calibration

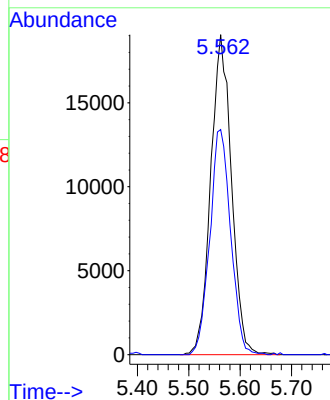
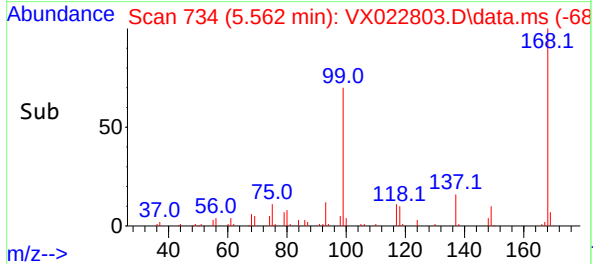




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022803.D  
Acq: 21 Jun 2021 18:33



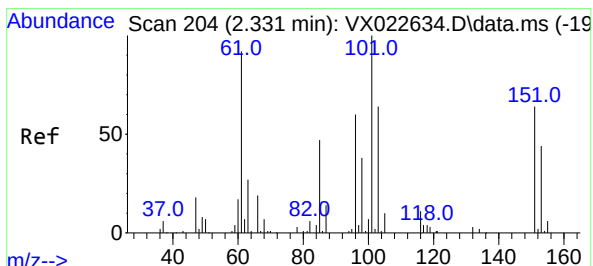
Tgt Ion:168 Resp: 53320  
Ion Ratio Lower Upper  
168 100  
99 70.3 45.8 68.6#



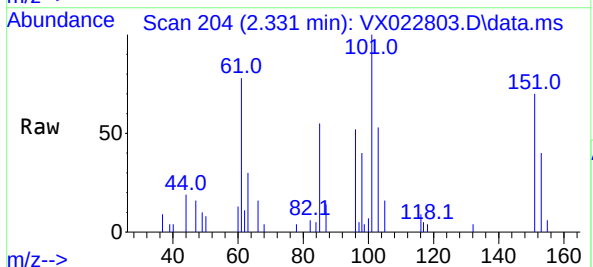
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE139D1-20210617

Manual Integrations  
APPROVED

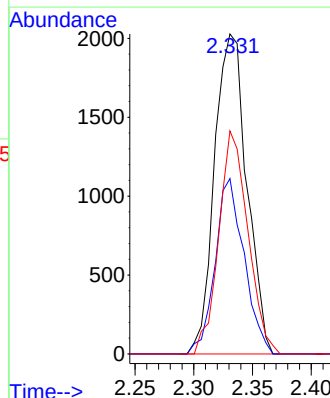
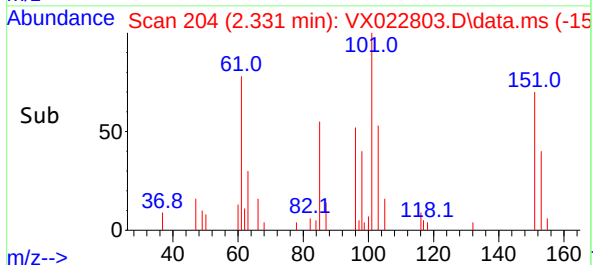
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6/22/2021 9:09:35 AM

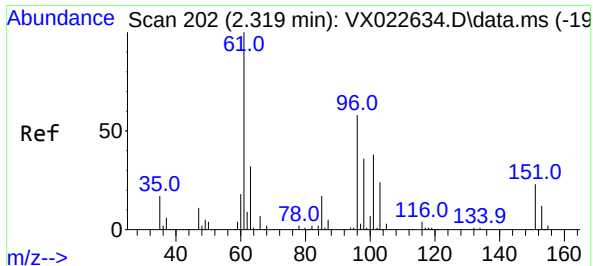


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.954 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX022803.D  
Acq: 21 Jun 2021 18:33



Tgt Ion:101 Resp: 3886  
Ion Ratio Lower Upper  
101 100  
85 49.0 34.9 52.3  
151 62.9 61.4 92.2





#12

1,1-Dichloroethene

Concen: 3.497 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022803.D

Acq: 21 Jun 2021 18:33

Tgt Ion: 96 Resp: 2264

Ion Ratio Lower Upper

96 100

61 208.5 124.6 187.0#

98 88.5 50.6 76.0#

Instrument :

MSVOA\_X

ClientSampleId :

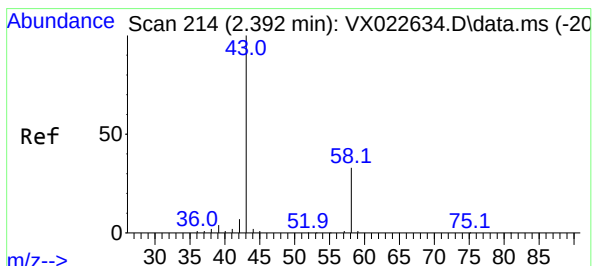
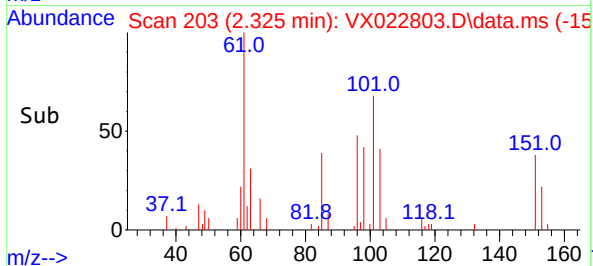
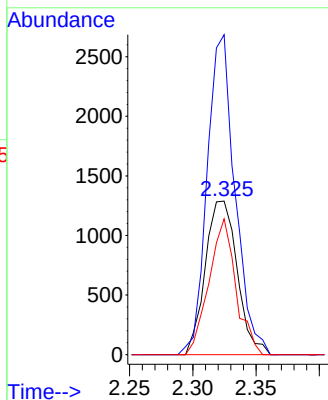
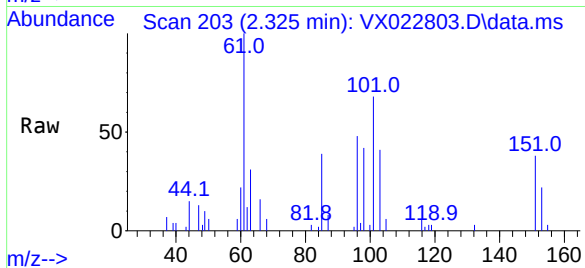
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#16

Acetone

Concen: 3.698 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022803.D

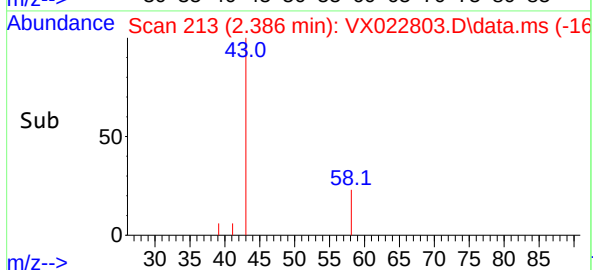
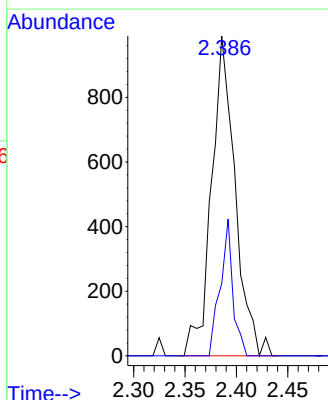
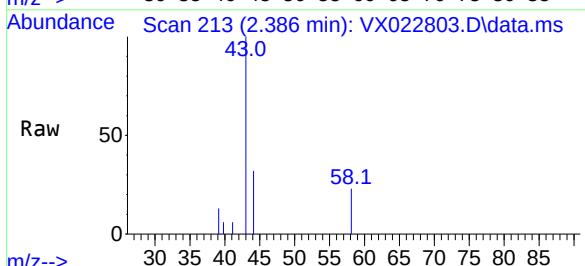
Acq: 21 Jun 2021 18:33

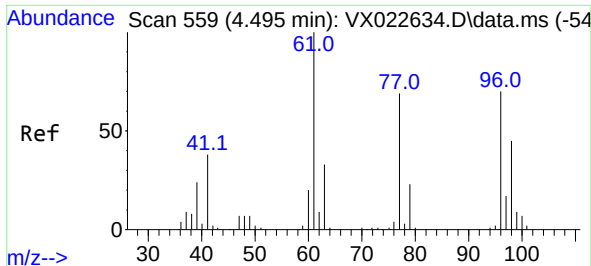
Tgt Ion: 43 Resp: 1588

Ion Ratio Lower Upper

43 100

58 22.5 27.8 41.8#





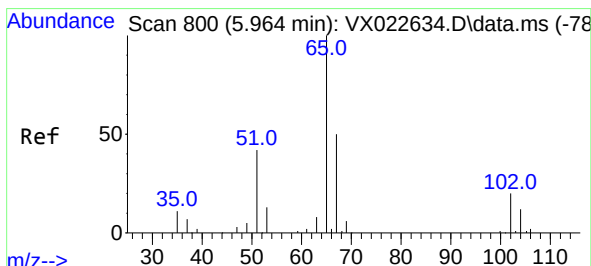
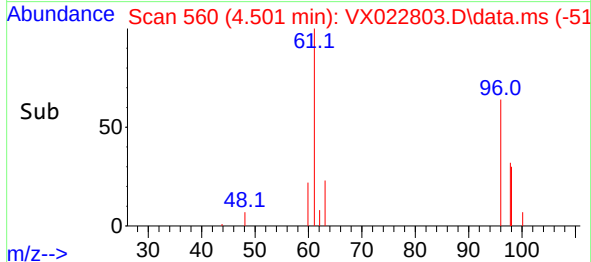
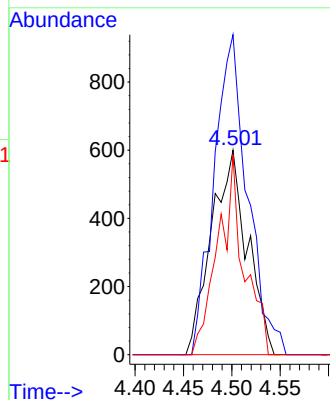
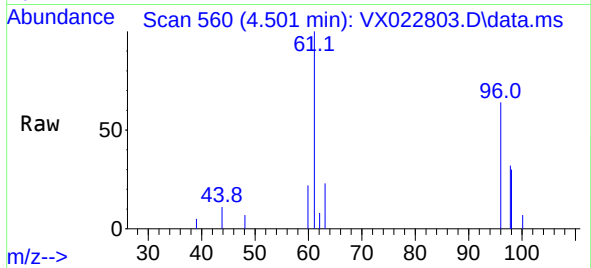
#27  
cis-1,2-Dichloroethene  
Concen: 1.783 ug/l  
RT: 4.501 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VX022803.D  
Acq: 21 Jun 2021 18:33

Tgt Ion: 96 Resp: 1558  
Ion Ratio Lower Upper  
96 100  
61 145.3 0.0 285.6  
98 70.3 0.0 129.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE139D1-20210617

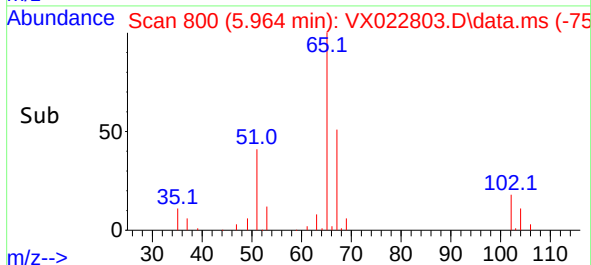
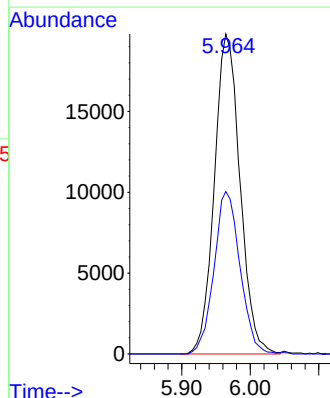
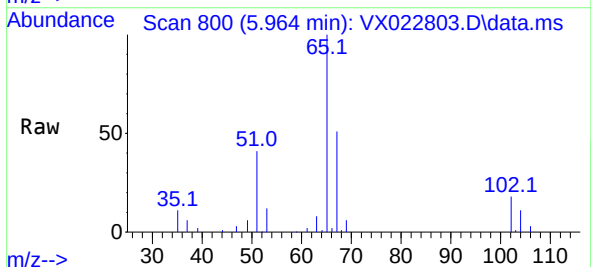
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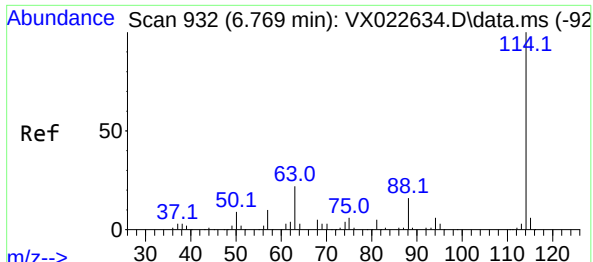
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#33  
1,2-Dichloroethane-d4  
Concen: 53.602 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022803.D  
Acq: 21 Jun 2021 18:33

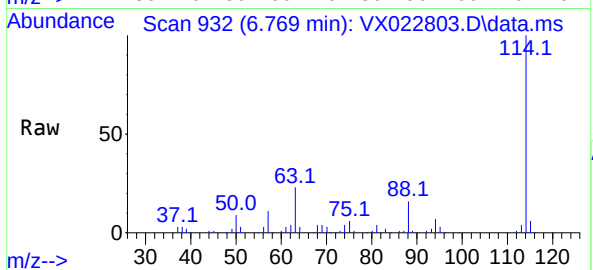
Tgt Ion: 65 Resp: 51401  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 105.4





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022803.D  
Acq: 21 Jun 2021 18:33

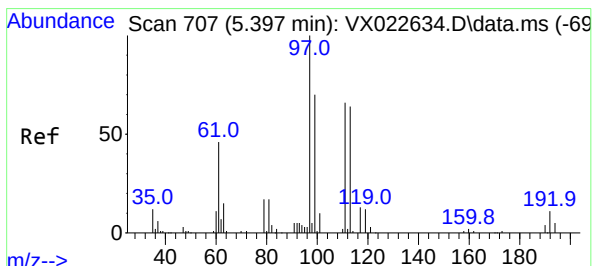
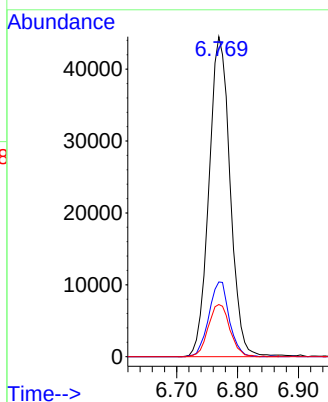
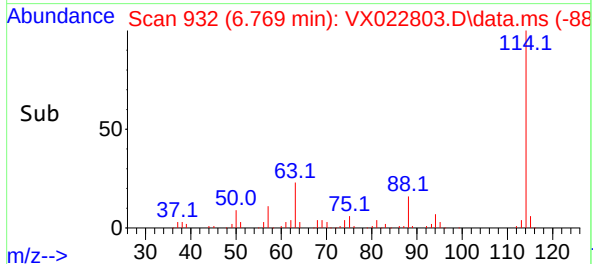
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE139D1-20210617



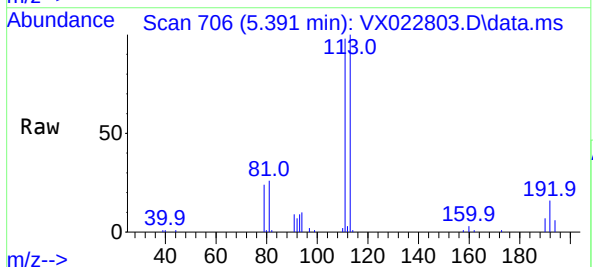
Tgt Ion:114 Resp: 107256  
Ion Ratio Lower Upper  
114 100  
63 23.4 0.0 40.8  
88 16.3 0.0 32.8

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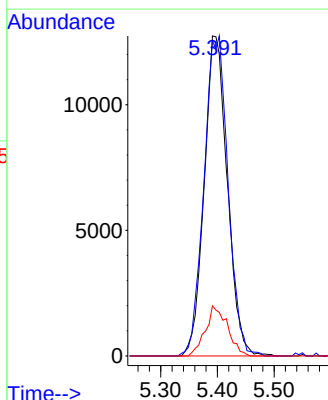
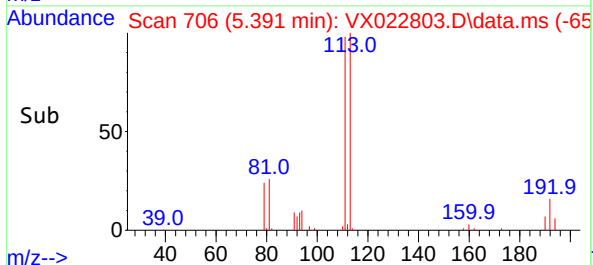
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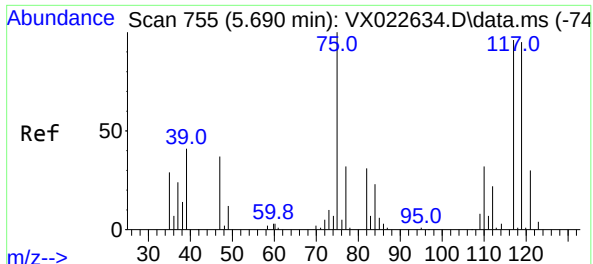


#35  
Dibromofluoromethane  
Concen: 52.775 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX022803.D  
Acq: 21 Jun 2021 18:33



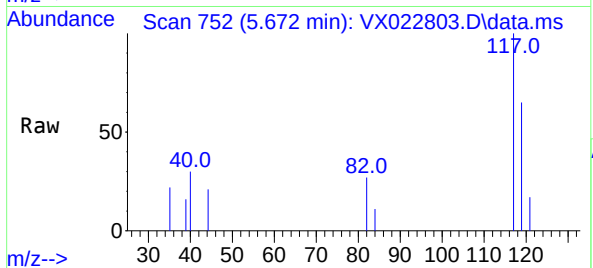
Tgt Ion:113 Resp: 36115  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.9 122.9  
192 14.9 16.7 25.1#





#38  
Carbon Tetrachloride  
Concen: 1.420 ug/l m  
RT: 5.672 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: VX022803.D  
Acq: 21 Jun 2021 18:33

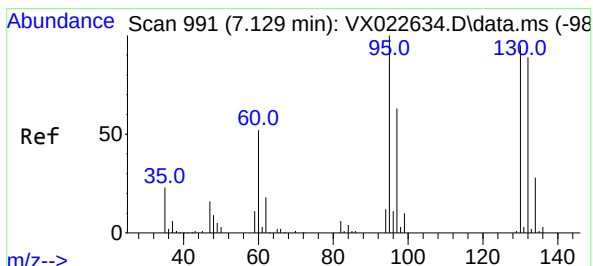
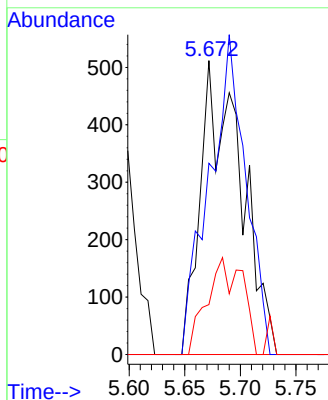
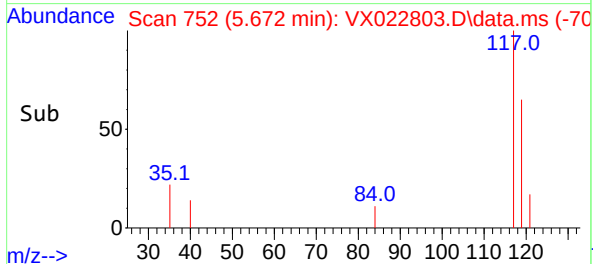
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE139D1-20210617



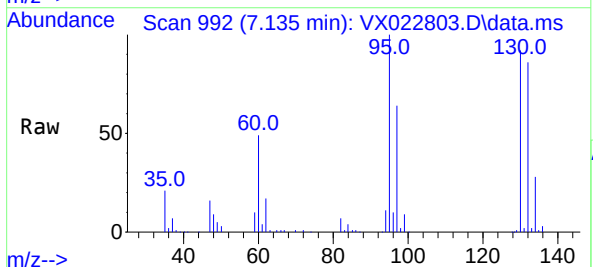
Tgt Ion:117 Resp: 1298  
Ion Ratio Lower Upper  
117 100  
119 65.0 76.2 114.2#  
121 17.0 24.8 37.2#

Manual Integrations  
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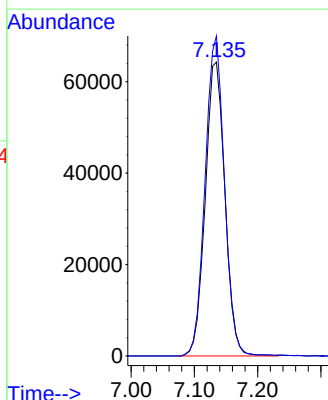
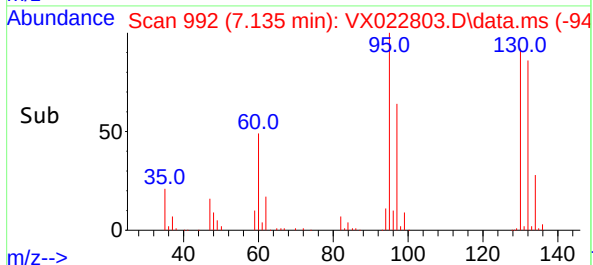
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6/22/2021 9:09:35 AM

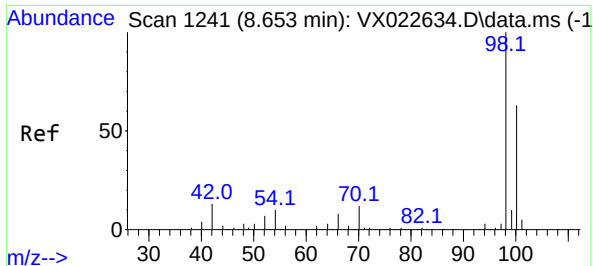


#44  
Trichloroethene  
Concen: 186.754 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX022803.D  
Acq: 21 Jun 2021 18:33



Tgt Ion:130 Resp: 139387  
Ion Ratio Lower Upper  
130 100  
95 108.9 0.0 198.0





#50

Toluene-d8

Concen: 52.516 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022803.D

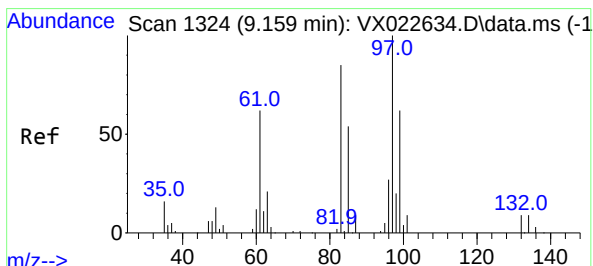
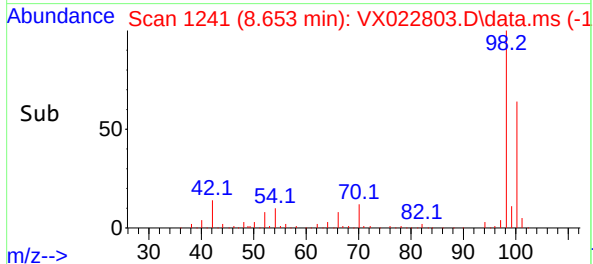
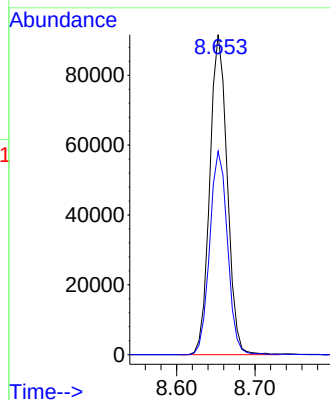
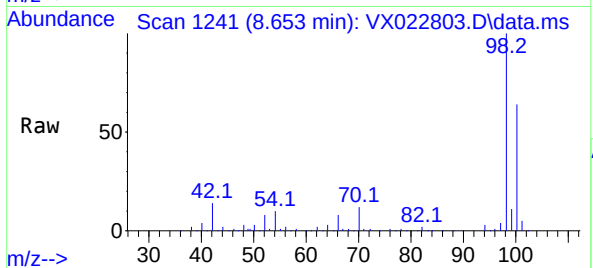
Acq: 21 Jun 2021 18:33

Tgt Ion: 98 Resp: 141667

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#55

1,1,2-Trichloroethane

Concen: 1.061 ug/l

RT: 9.159 min Scan# 1324

Delta R.T. -0.000 min

Lab File: VX022803.D

Acq: 21 Jun 2021 18:33

Tgt Ion: 97 Resp: 859

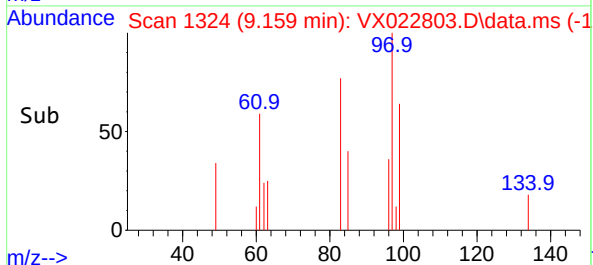
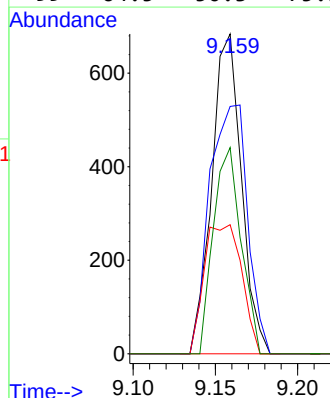
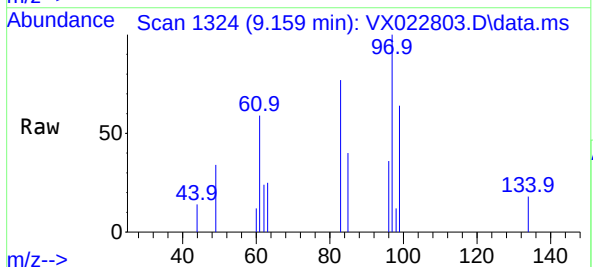
Ion Ratio Lower Upper

97 100

83 77.3 69.3 103.9

85 40.4 44.3 66.5#

99 64.5 50.3 75.5



Instrument :

MSVOA\_X

ClientSampleId :

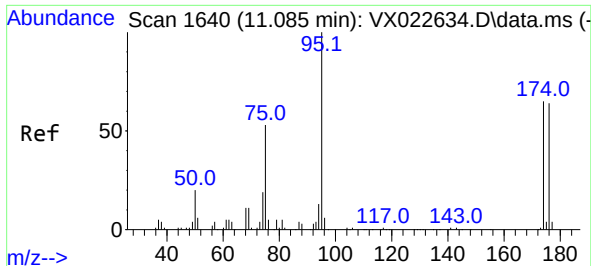
RE139D1-20210617

Manual Integrations

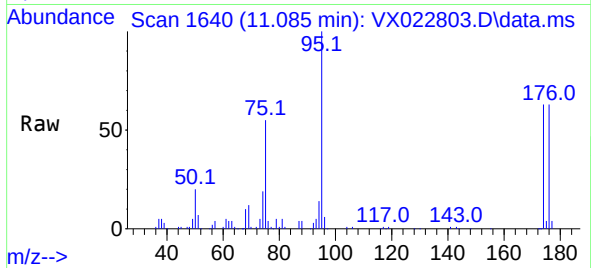
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MMDadoda  
6/22/2021 9:09:35 AM

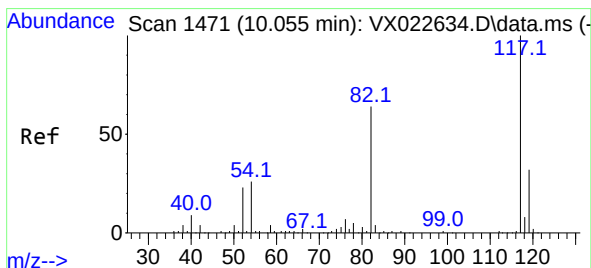
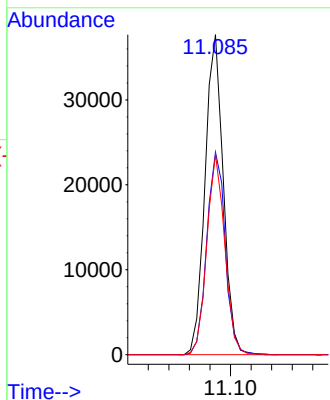
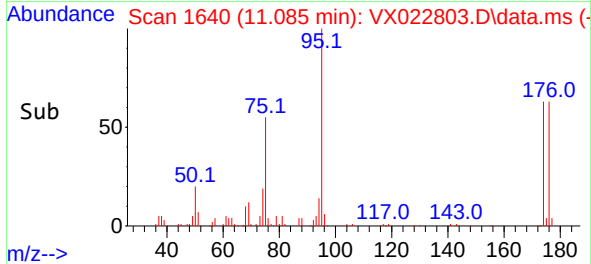




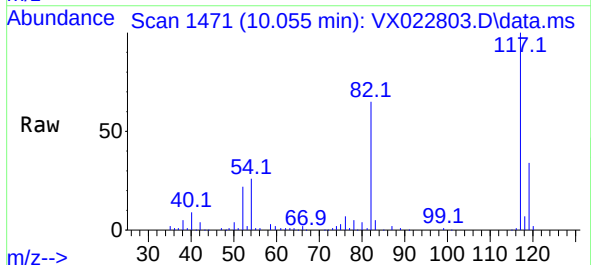
#62  
4-Bromofluorobenzene  
Concen: 45.544 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022803.D  
Acq: 21 Jun 2021 18:33



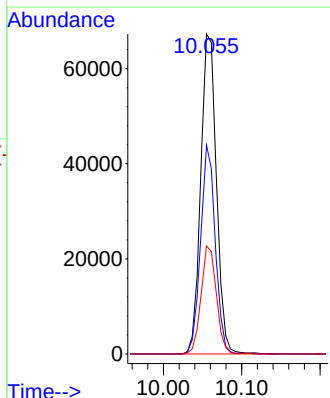
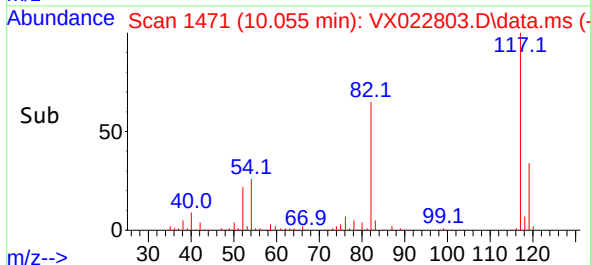
Tgt Ion: 95 Resp: 46466  
Ion Ratio Lower Upper  
95 100  
174 64.2 0.0 154.6  
176 61.6 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022803.D  
Acq: 21 Jun 2021 18:33



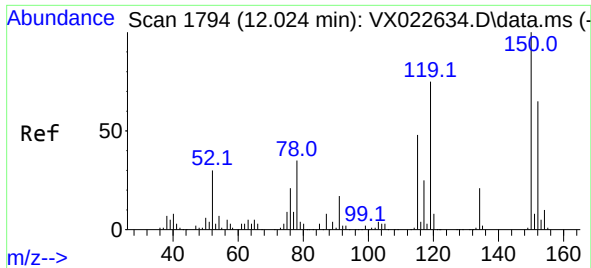
Tgt Ion: 117 Resp: 93652  
Ion Ratio Lower Upper  
117 100  
82 65.3 47.4 71.2  
119 33.7 26.6 39.8



Instrument :  
MSVOA\_X  
ClientSampleId :  
RE139D1-20210617

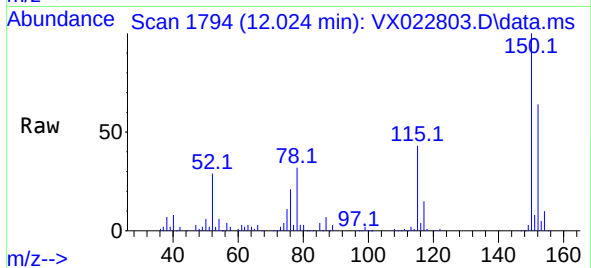
Manual Integrations  
APPROVED

MMDadoda  
6/22/2021 9:09:35 AM



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. -0.000 min  
 Lab File: VX022803.D  
 Acq: 21 Jun 2021 18:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE139D1-20210617



Tgt Ion:152 Resp: 33999  
 Ion Ratio Lower Upper  
 152 100  
 115 65.3 41.1 123.3  
 150 156.7 0.0 349.0

Manual Integrations  
 APPROVED

MMDadoda  
 6/22/2021 9:09:35 AM

