

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031221\  
 Data File : VN066178.D  
 Acq On : 12 Mar 2021 10:42  
 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 3/15/2021 12:41:19 PM

Quant Time: Mar 12 11:09:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 12 11:03:52 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.584  | 168  | 349344   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.515  | 114  | 549582   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.347 | 117  | 550586   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.286 | 152  | 262619   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |           |      |
|-----------------------------|--------|-------|----------|----------|-----------|------|
| System Monitoring Compounds |        |       |          |          |           |      |
| 33) 1,2-Dichloroethane-d4   | 7.949  | 65    | 269624   | 50.00    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 100.00% |      |
| 35) Dibromofluoromethane    | 7.509  | 113   | 179873   | 50.00    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 100.00% |      |
| 50) Toluene-d8              | 10.028 | 98    | 766779   | 50.00    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 100.00% |      |
| 62) 4-Bromofluorobenzene    | 12.345 | 95    | 269899   | 50.00    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 100.00% |      |

|                              |       |     |         |        |      |     |
|------------------------------|-------|-----|---------|--------|------|-----|
| Target Compounds             |       |     |         | Qvalue |      |     |
| 2) Dichlorodifluoromethane   | 1.821 | 85  | 192230  | 50.00  | ug/l | 100 |
| 3) Chloromethane             | 2.017 | 50  | 297695  | 50.00  | ug/l | 100 |
| 4) Vinyl Chloride            | 2.148 | 62  | 267509  | 50.00  | ug/l | 100 |
| 5) Bromomethane              | 2.521 | 94  | 145301  | 50.00  | ug/l | 100 |
| 6) Chloroethane              | 2.658 | 64  | 151722  | 50.00  | ug/l | 100 |
| 7) Trichlorofluoromethane    | 2.963 | 101 | 318805  | 50.00  | ug/l | 100 |
| 8) Diethyl Ether             | 3.347 | 74  | 119042  | 50.00  | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 3.682 | 101 | 164304  | 50.00  | ug/l | 100 |
| 10) Methyl Iodide            | 3.870 | 142 | 220383  | 50.00  | ug/l | 100 |
| 11) Tert butyl alcohol       | 4.731 | 59  | 222205  | 250.00 | ug/l | 100 |
| 12) 1,1-Dichloroethene       | 3.658 | 96  | 161634  | 50.00  | ug/l | 100 |
| 13) Acrolein                 | 3.535 | 56  | 250129  | 250.00 | ug/l | 100 |
| 14) Allyl chloride           | 4.229 | 41  | 468861  | 50.00  | ug/l | 100 |
| 15) Acrylonitrile            | 4.889 | 53  | 691141  | 250.00 | ug/l | 100 |
| 16) Acetone                  | 3.747 | 43  | 624306  | 250.00 | ug/l | 100 |
| 17) Carbon Disulfide         | 3.969 | 76  | 498145  | 50.00  | ug/l | 100 |
| 18) Methyl Acetate           | 4.243 | 43  | 383059  | 50.00  | ug/l | 100 |
| 19) Methyl tert-butyl Ether  | 4.948 | 73  | 687302  | 50.00  | ug/l | 100 |
| 20) Methylene Chloride       | 4.455 | 84  | 207006  | 50.00  | ug/l | 100 |
| 21) trans-1,2-Dichloroethene | 4.937 | 96  | 187182  | 50.00  | ug/l | 100 |
| 22) Diisopropyl ether        | 5.863 | 45  | 915461  | 50.00  | ug/l | 100 |
| 23) Vinyl Acetate            | 5.798 | 43  | 3948456 | 250.00 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 5.747 | 63  | 433111  | 50.00  | ug/l | 100 |
| 25) 2-Butanone               | 6.750 | 43  | 1081681 | 250.00 | ug/l | 100 |
| 26) 2,2-Dichloropropane      | 6.732 | 77  | 360174  | 50.00  | ug/l | 100 |
| 27) cis-1,2-Dichloroethene   | 6.737 | 96  | 229044  | 50.00  | ug/l | 100 |
| 28) Bromochloromethane       | 7.107 | 49  | 235910  | 50.00  | ug/l | 100 |
| 29) Tetrahydrofuran          | 7.131 | 42  | 750879  | 250.00 | ug/l | 100 |
| 30) Chloroform               | 7.289 | 83  | 408382  | 50.00  | ug/l | 100 |
| 31) Cyclohexane              | 7.571 | 56  | 403185  | 50.00  | ug/l | 100 |
| 32) 1,1,1-Trichloroethane    | 7.485 | 97  | 345192  | 50.00  | ug/l | 100 |
| 36) 1,1-Dichloropropene      | 7.713 | 75  | 302921  | 50.00  | ug/l | 100 |
| 37) Ethyl Acetate            | 6.844 | 43  | 439745  | 50.00  | ug/l | 100 |
| 38) Carbon Tetrachloride     | 7.692 | 117 | 282073  | 50.00  | ug/l | 100 |
| 39) Methylcyclohexane        | 9.014 | 83  | 342605  | 50.00  | ug/l | 100 |
| 40) Benzene                  | 7.965 | 78  | 930583  | 50.00  | ug/l | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031221\  
 Data File : VN066178.D  
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 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 3/15/2021 12:41:19 PM

Quant Time: Mar 12 11:09:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 12 11:03:52 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.083  | 41   | 231579   | 50.00   | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 8.048  | 62   | 349914   | 50.00   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.094  | 43   | 728997   | 50.00   | ug/l   | 100      |
| 44) Trichloroethene           | 8.765  | 130  | 220396   | 50.00   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.052  | 63   | 280720   | 50.00   | ug/l   | 100      |
| 46) Dibromomethane            | 9.143  | 93   | 154432   | 50.00   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.338  | 83   | 353234   | 50.00   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.137  | 41   | 347216   | 50.00   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.148  | 88   | 65005    | 1000.00 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 9.923  | 43   | 2451538  | 250.00  | ug/l   | 100      |
| 52) Toluene                   | 10.095 | 92   | 587939   | 50.00   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.323 | 75   | 401746   | 50.00   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.776  | 75   | 438565   | 50.00   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.502 | 97   | 233374   | 50.00   | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.371 | 69   | 391842   | 50.00   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.647 | 76   | 429461   | 50.00   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.634  | 63   | 602476   | 250.00  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.693 | 43   | 1766410  | 250.00  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.843 | 129  | 243565   | 50.00   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 10.945 | 107  | 234797   | 50.00   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.572 | 164  | 252490   | 50.00   | ug/l   | 100      |
| 65) Chlorobenzene             | 11.374 | 112  | 587031   | 50.00   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.449 | 131  | 226817   | 50.00   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.455 | 91   | 1125886  | 50.00   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.565 | 106  | 810456   | 100.00  | ug/l   | 100      |
| 69) o-Xylene                  | 11.892 | 106  | 385121   | 50.00   | ug/l   | 100      |
| 70) Styrene                   | 11.908 | 104  | 651310   | 50.00   | ug/l   | 100      |
| 71) Bromoform                 | 12.069 | 173  | 178627   | 50.00   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.192 | 105  | 1049226  | 50.00   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.015 | 43   | 528187   | 50.00   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.447 | 83   | 355446   | 50.00   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.498 | 75   | 301194m  | 45.00   | ug/l   |          |
| 77) Bromobenzene              | 12.468 | 156  | 252594   | 50.00   | ug/l   | 100      |
| 78) n-propylbenzene           | 12.535 | 91   | 1236151  | 50.00   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.619 | 91   | 730865   | 50.00   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.678 | 105  | 873759   | 50.00   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.243 | 75   | 122179   | 50.00   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.718 | 91   | 750740   | 50.00   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 12.938 | 119  | 735036   | 50.00   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 12.983 | 105  | 884542   | 50.00   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.115 | 105  | 992697   | 50.00   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.233 | 119  | 880344   | 50.00   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.225 | 146  | 440921   | 50.00   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.308 | 146  | 430149   | 50.00   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.557 | 91   | 772770   | 50.00   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.817 | 117  | 133667   | 50.00   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.595 | 146  | 448063   | 50.00   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.214 | 75   | 78395    | 50.00   | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 14.850 | 180  | 263188   | 50.00   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 14.949 | 225  | 144364   | 50.00   | ug/l   | 100      |
| 95) Naphthalene               | 15.070 | 128  | 779391   | 50.00   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.247 | 180  | 267503   | 50.00   | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031221\  
Data File : VN066178.D  
Acq On : 12 Mar 2021 10:42  
Operator : JC/MD  
Sample : VSTDICCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

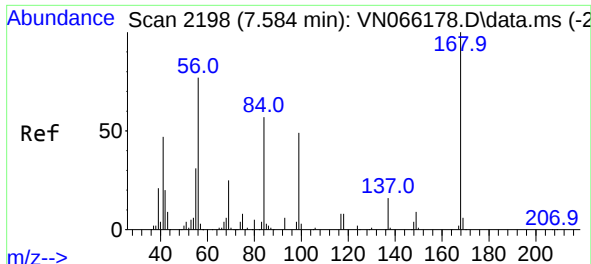
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3/15/2021 12:41:19 PM

Quant Time: Mar 12 11:09:09 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 12 11:03:52 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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





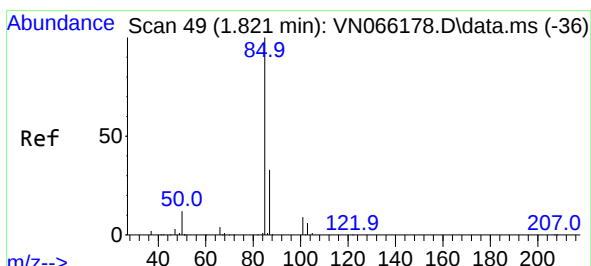
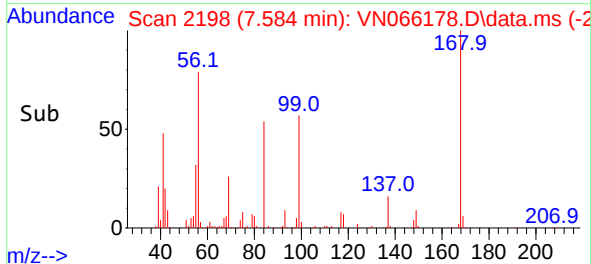
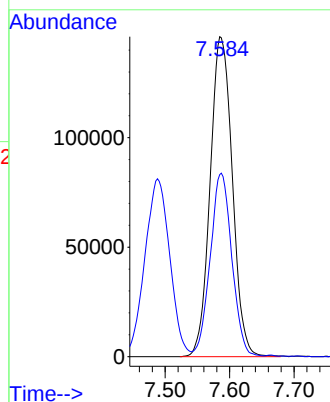
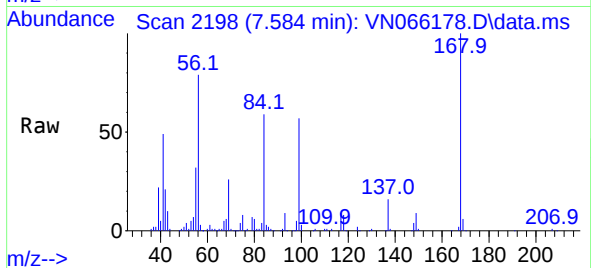
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.584 min Scan# 2198  
Delta R.T. -0.006 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 168 Resp: 349344  
Ion Ratio Lower Upper  
168 100  
99 56.7 45.4 68.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

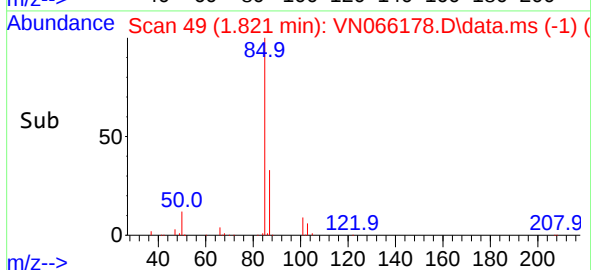
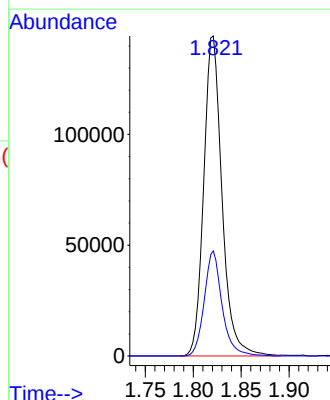
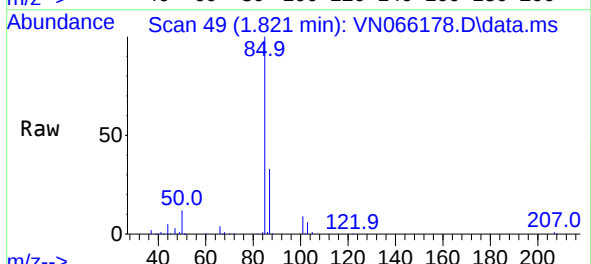
Manual Integrations  
APPROVED

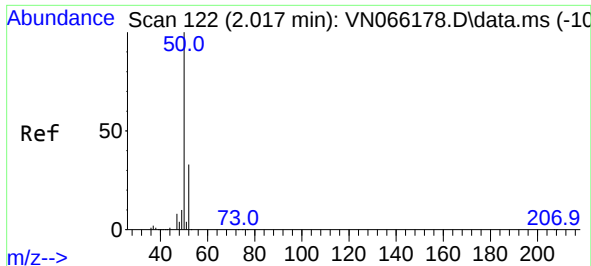
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3/15/2021 12:41:19 PM



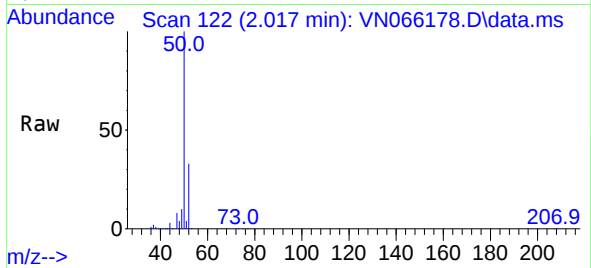
#2  
Dichlorodifluoromethane  
Concen: 50.00 ug/l  
RT: 1.821 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 85 Resp: 192230  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.4 49.2

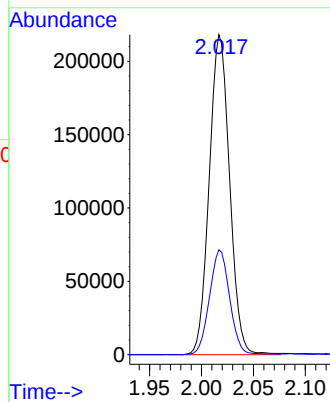




#3  
Chloromethane  
Concen: 50.00 ug/l  
RT: 2.017 min Scan# 122  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



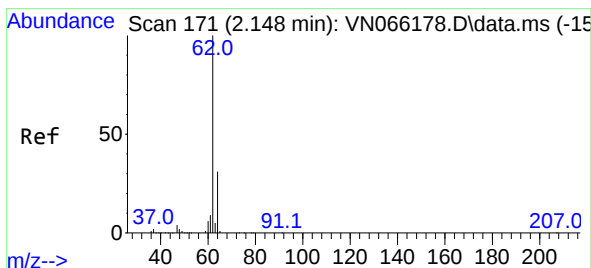
Tgt Ion: 50 Resp: 297695  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.2 39.4



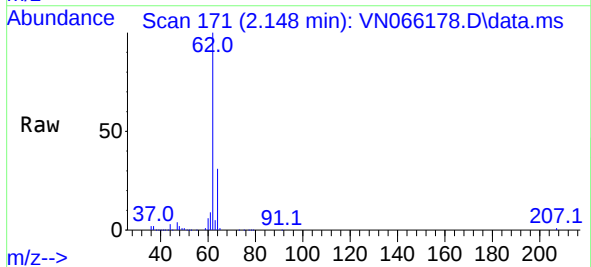
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

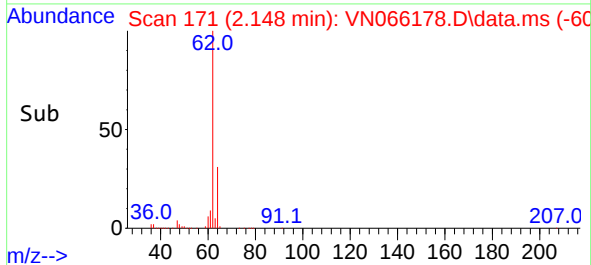
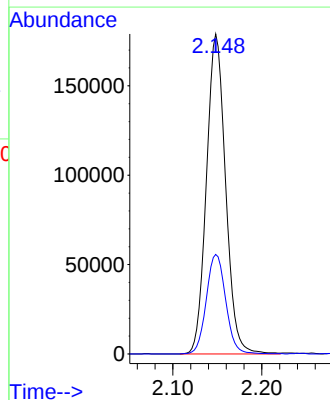
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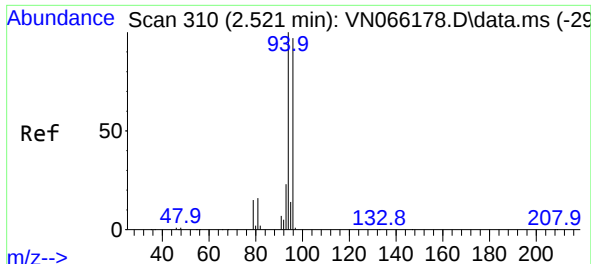


#4  
Vinyl Chloride  
Concen: 50.00 ug/l  
RT: 2.148 min Scan# 171  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



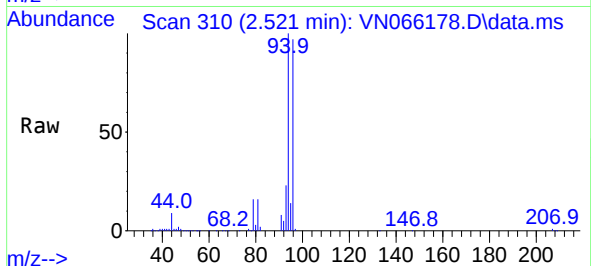
Tgt Ion: 62 Resp: 267509  
Ion Ratio Lower Upper  
62 100  
64 31.1 24.9 37.3





#5  
Bromomethane  
Concen: 50.00 ug/l  
RT: 2.521 min Scan# 310  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

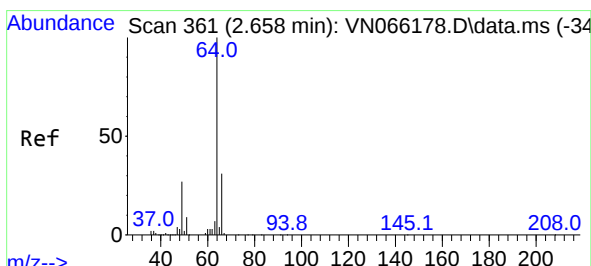
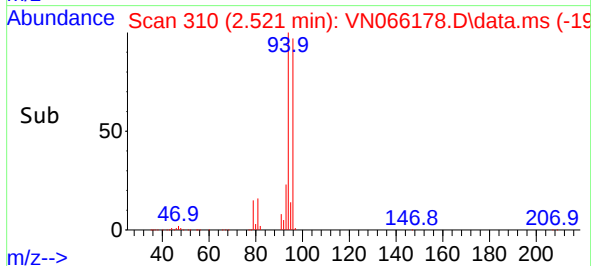
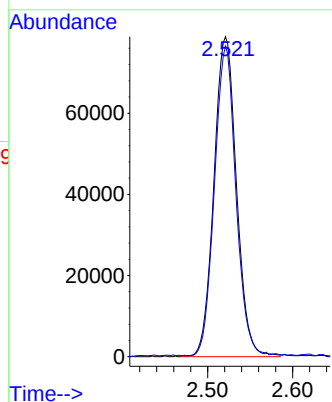
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 94 Resp: 145301  
Ion Ratio Lower Upper  
94 100  
96 96.6 77.3 115.9

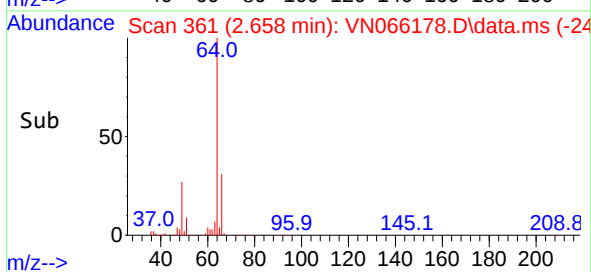
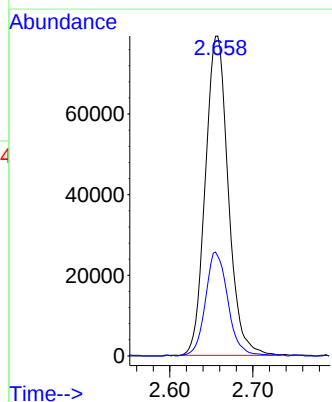
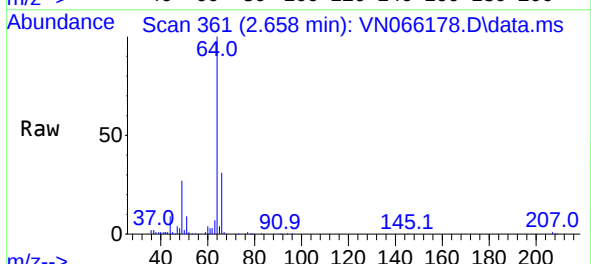
Manual Integrations  
APPROVED

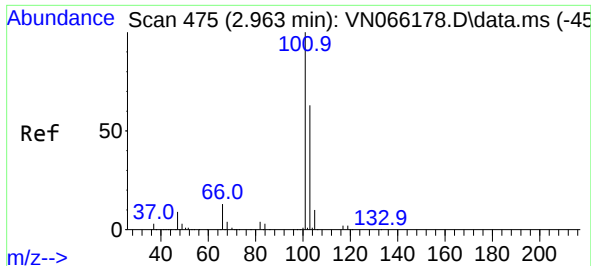
MMDadoda  
3/15/2021 12:41:19 PM



#6  
Chloroethane  
Concen: 50.00 ug/l  
RT: 2.658 min Scan# 361  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 64 Resp: 151722  
Ion Ratio Lower Upper  
64 100  
66 31.0 24.8 37.2





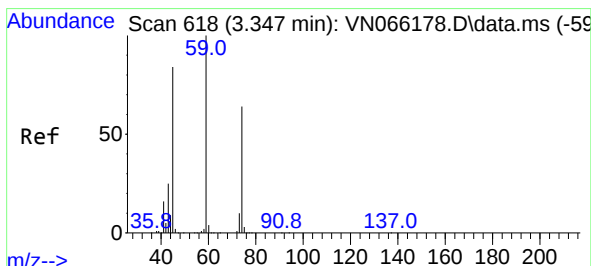
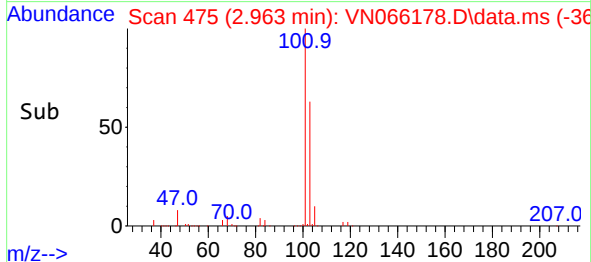
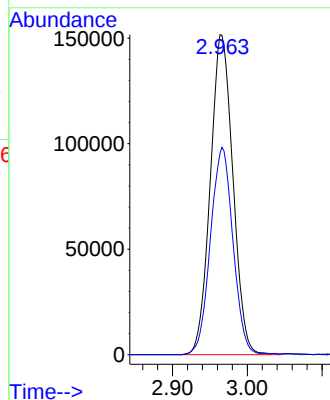
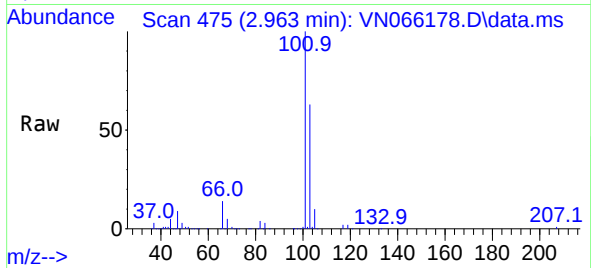
#7  
Trichlorofluoromethane  
Concen: 50.00 ug/l  
RT: 2.963 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:101 Resp: 318805  
Ion Ratio Lower Upper  
101 100  
103 62.9 50.3 75.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

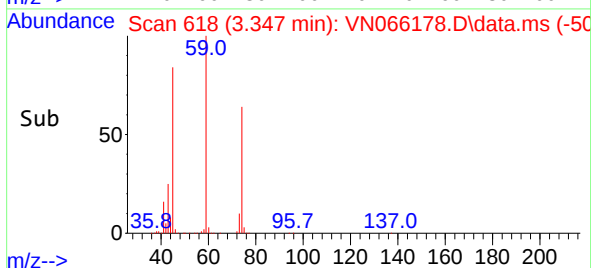
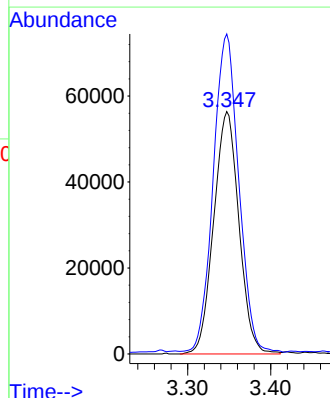
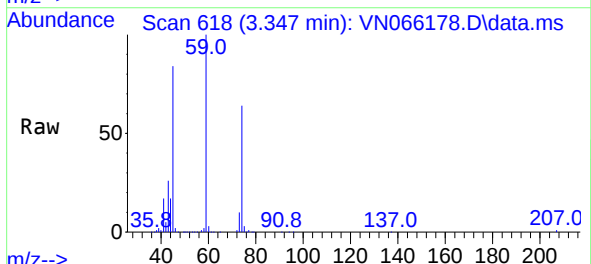
Manual Integrations  
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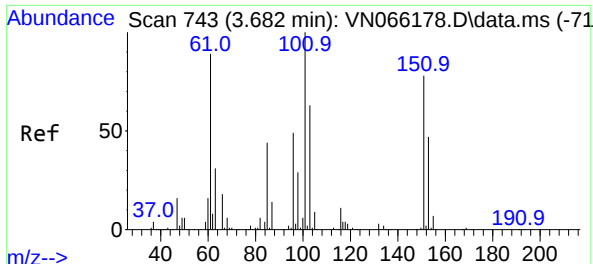
MMDadoda  
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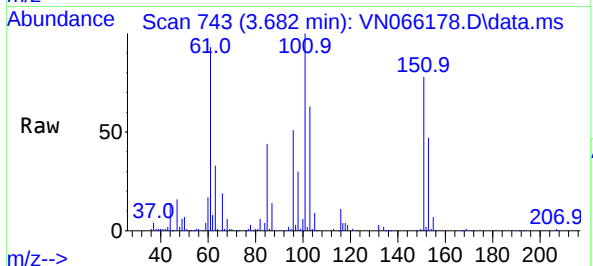
#8  
Diethyl Ether  
Concen: 50.00 ug/l  
RT: 3.347 min Scan# 618  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 74 Resp: 119042  
Ion Ratio Lower Upper  
74 100  
45 132.3 66.1 198.4

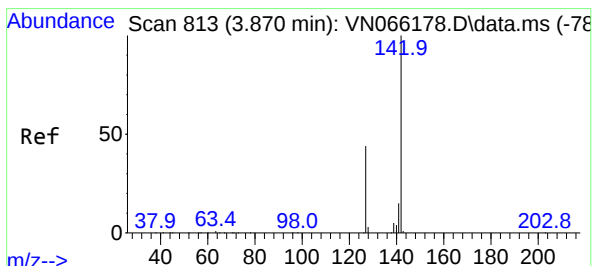
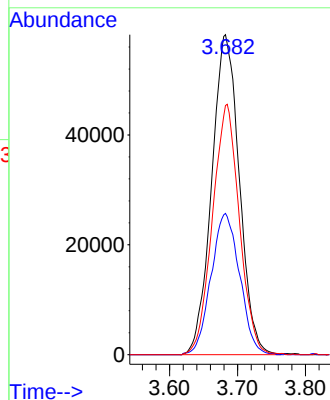
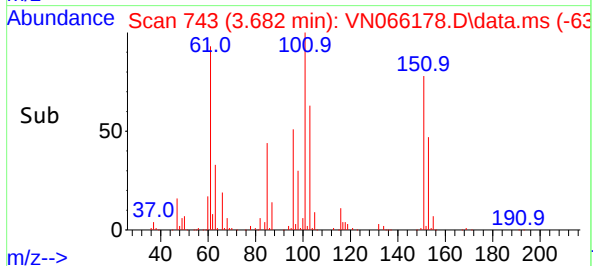




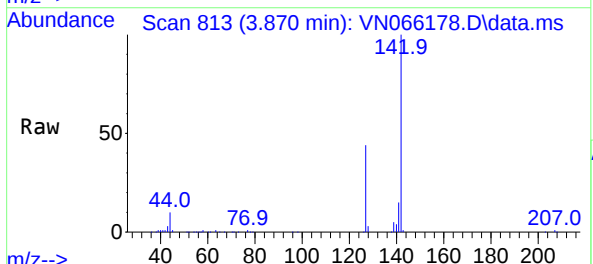
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.00 ug/l  
RT: 3.682 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



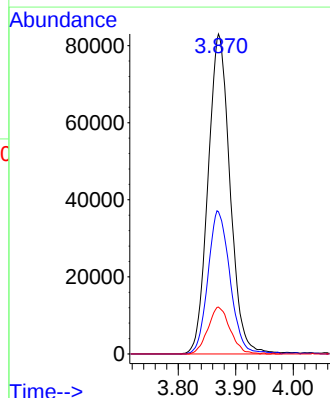
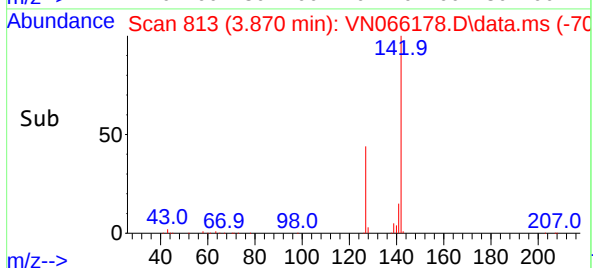
Tgt Ion:101 Resp: 164304  
Ion Ratio Lower Upper  
101 100  
85 45.7 36.6 54.8  
151 76.3 61.0 91.6



#10  
Methyl Iodide  
Concen: 50.00 ug/l  
RT: 3.870 min Scan# 813  
Delta R.T. -0.005 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



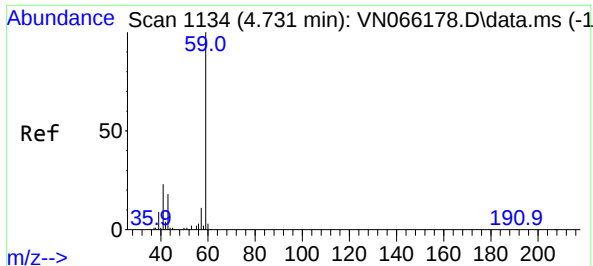
Tgt Ion:142 Resp: 220383  
Ion Ratio Lower Upper  
142 100  
127 44.9 35.9 53.9  
141 14.8 11.8 17.8



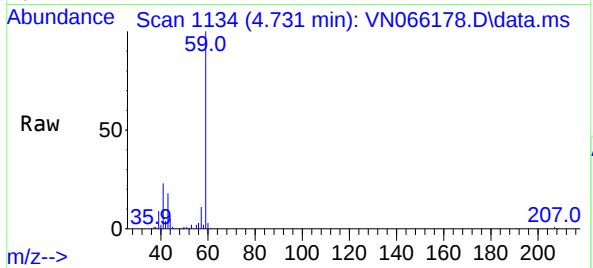
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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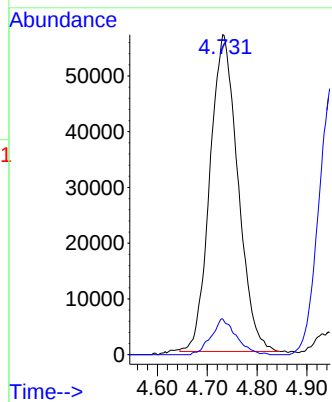
MMDadoda  
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#11  
Tert butyl alcohol  
Concen: 250.00 ug/l  
RT: 4.731 min Scan# 1134  
Delta R.T. 0.008 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



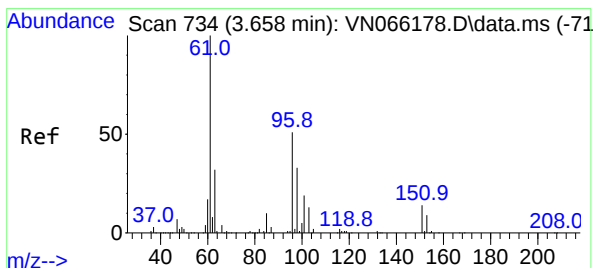
Tgt Ion: 59 Resp: 222205  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.0 12.0



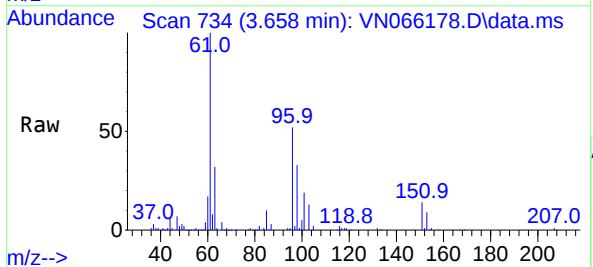
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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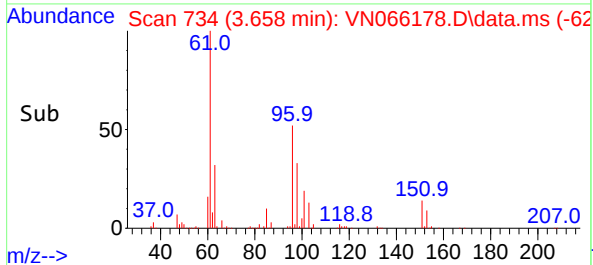
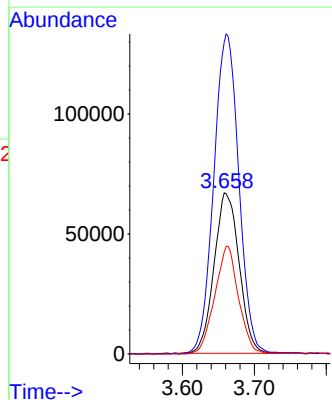
MMDadoda  
3/15/2021 12:41:19 PM

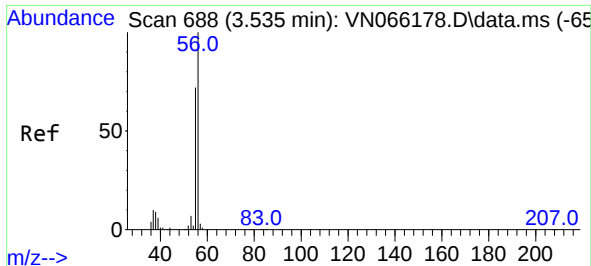


#12  
1,1-Dichloroethene  
Concen: 50.00 ug/l  
RT: 3.658 min Scan# 734  
Delta R.T. -0.005 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



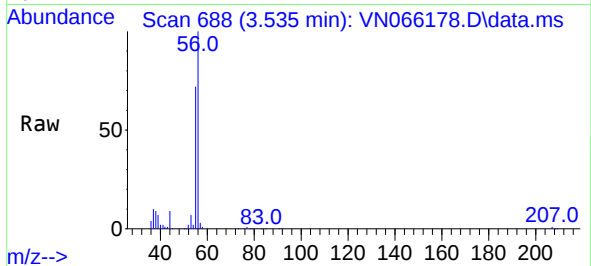
Tgt Ion: 96 Resp: 161634  
Ion Ratio Lower Upper  
96 100  
61 194.3 155.4 233.2  
98 63.5 50.8 76.2



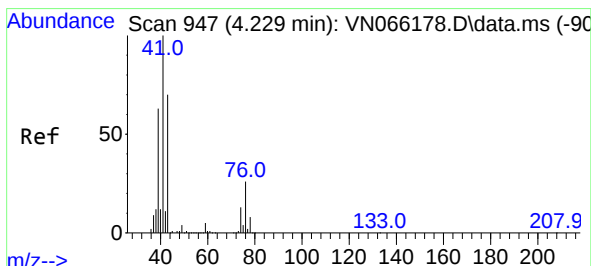
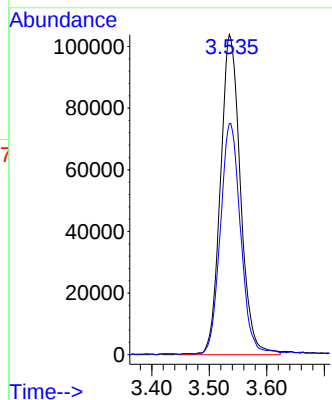
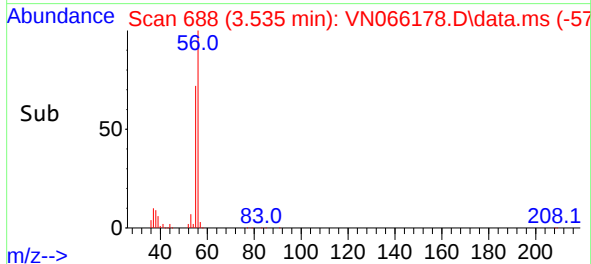


#13  
Acrolein  
Concen: 250.00 ug/l  
RT: 3.535 min Scan# 688  
Delta R.T. -0.002 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

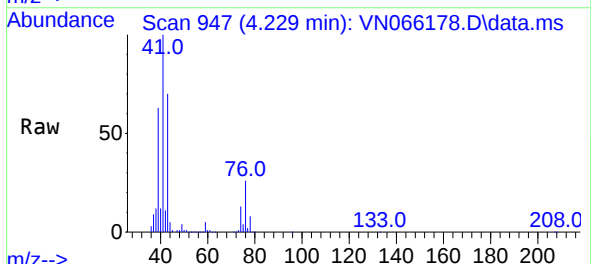
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



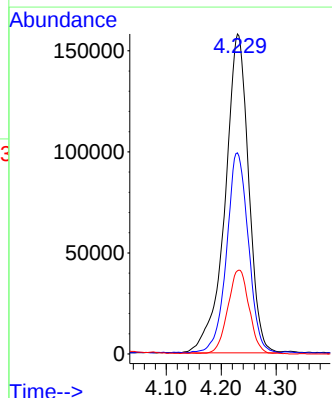
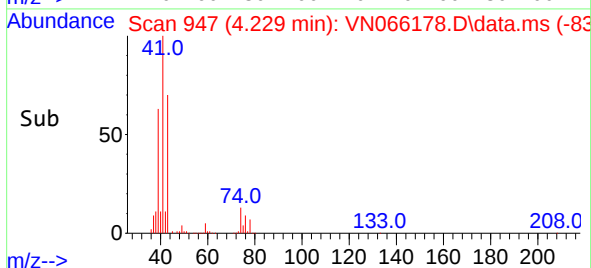
Tgt Ion: 56 Resp: 250129  
Ion Ratio Lower Upper  
56 100  
55 72.5 58.0 87.0

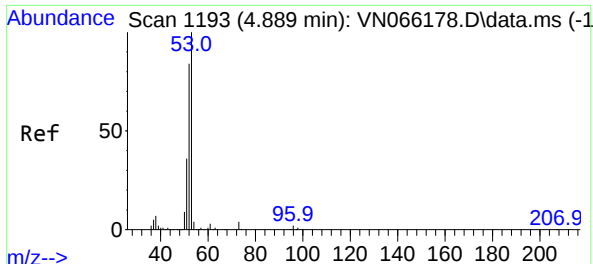


#14  
Allyl chloride  
Concen: 50.00 ug/l  
RT: 4.229 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



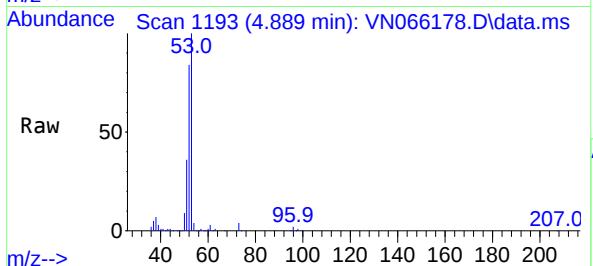
Tgt Ion: 41 Resp: 468861  
Ion Ratio Lower Upper  
41 100  
39 58.0 46.4 69.6  
76 23.5 18.8 28.2





#15  
Acrylonitrile  
Concen: 250.00 ug/l  
RT: 4.889 min Scan# 1193  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

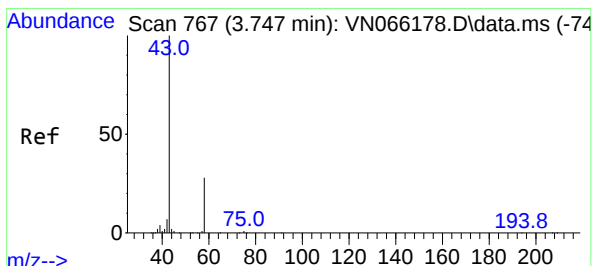
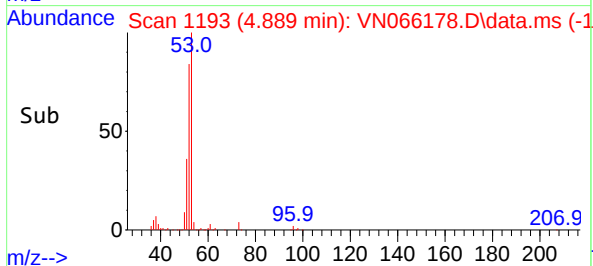
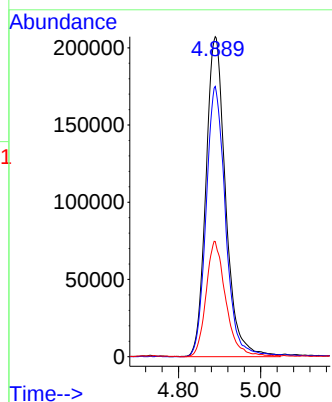
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 53 Resp: 691141  
Ion Ratio Lower Upper  
53 100  
52 82.7 66.2 99.2  
51 35.6 28.5 42.7

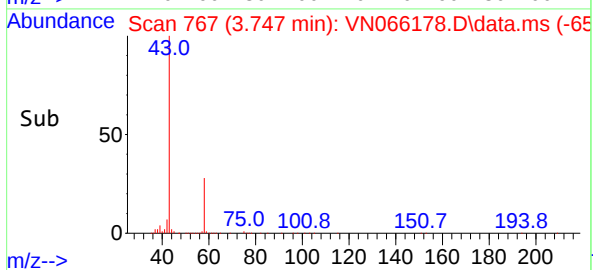
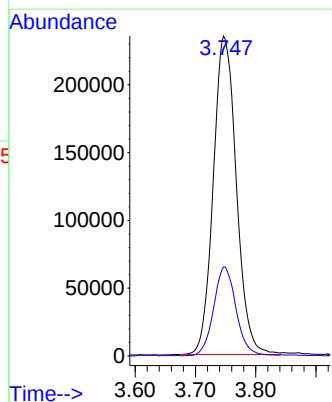
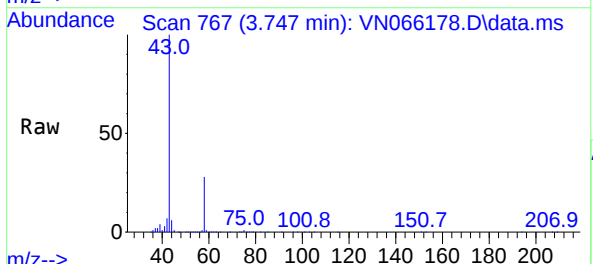
Manual Integrations  
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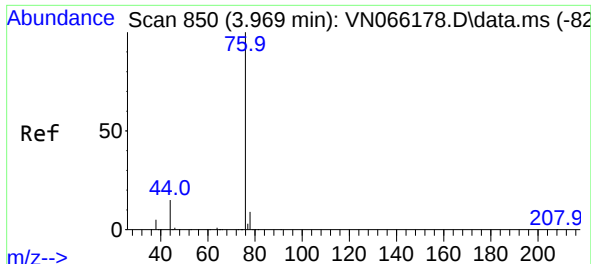
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#16  
Acetone  
Concen: 250.00 ug/l  
RT: 3.747 min Scan# 767  
Delta R.T. -0.002 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

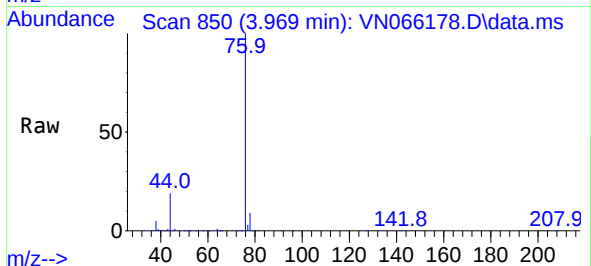
Tgt Ion: 43 Resp: 624306  
Ion Ratio Lower Upper  
43 100  
58 27.9 22.3 33.5





#17  
Carbon Disulfide  
Concen: 50.00 ug/l  
RT: 3.969 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

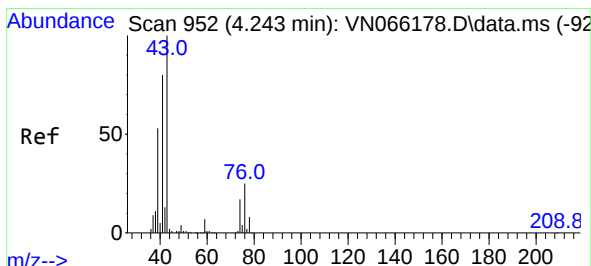
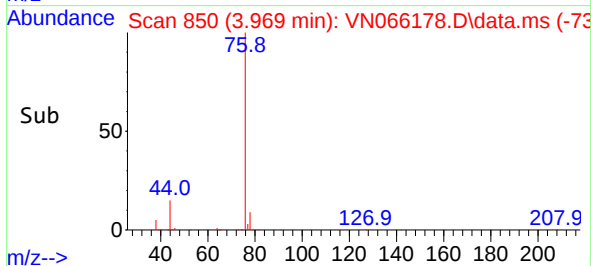
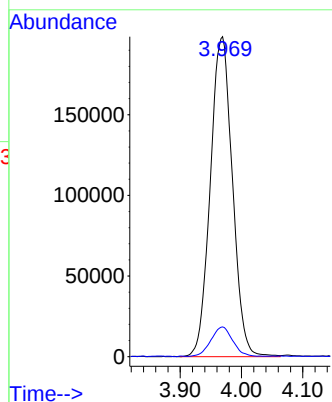
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 76 Resp: 498145  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9

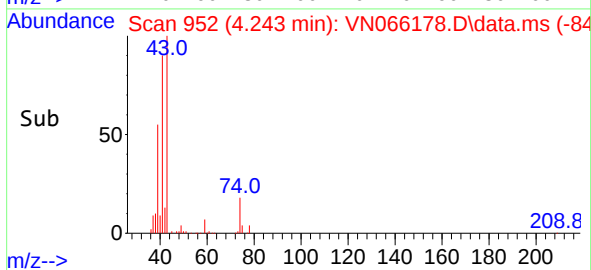
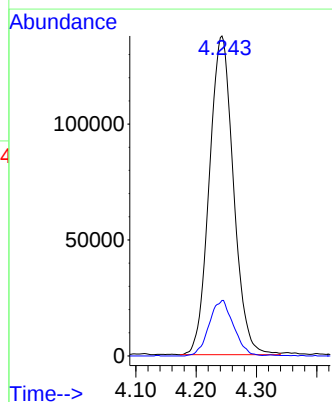
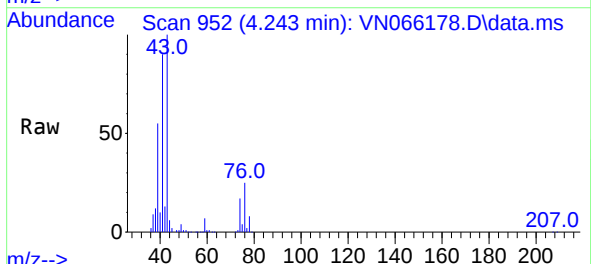
Manual Integrations  
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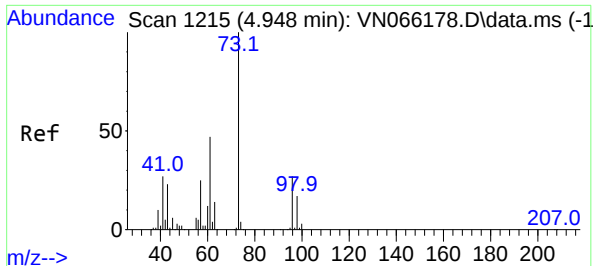
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#18  
Methyl Acetate  
Concen: 50.00 ug/l  
RT: 4.243 min Scan# 952  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 43 Resp: 383059  
Ion Ratio Lower Upper  
43 100  
74 17.7 14.2 21.2





#19

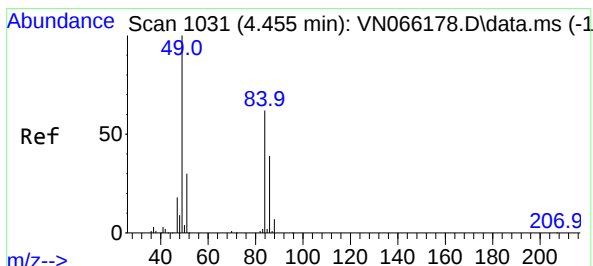
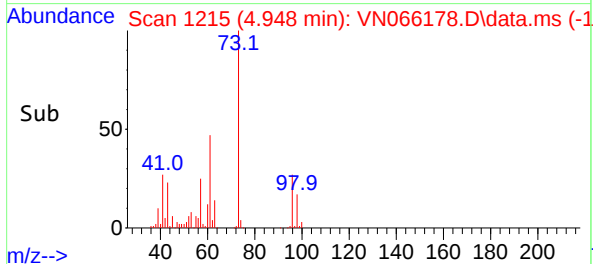
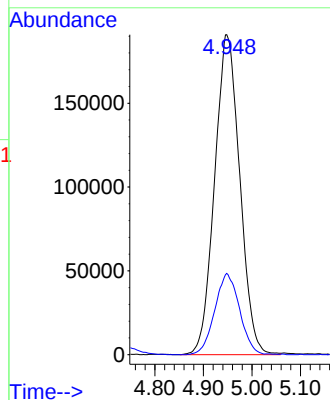
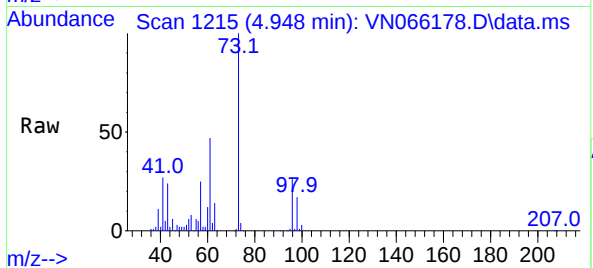
Methyl tert-butyl Ether  
Concen: 50.00 ug/l  
RT: 4.948 min Scan# 1215  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 73 Resp: 687302  
Ion Ratio Lower Upper  
73 100  
57 25.4 20.3 30.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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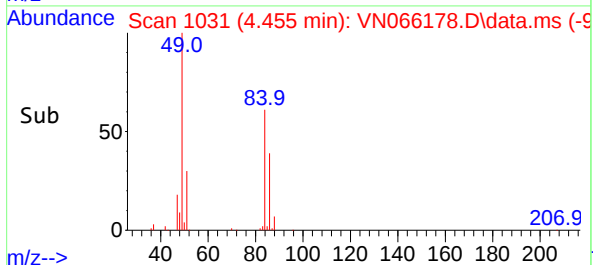
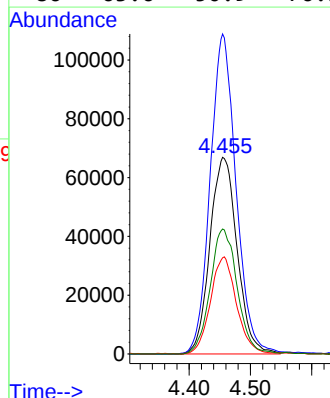
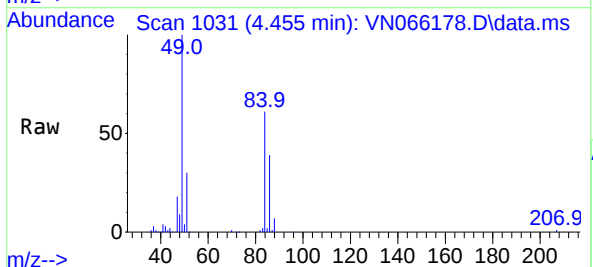
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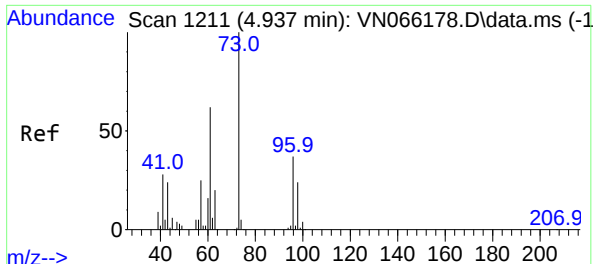


#20

Methylene Chloride  
Concen: 50.00 ug/l  
RT: 4.455 min Scan# 1031  
Delta R.T. -0.008 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

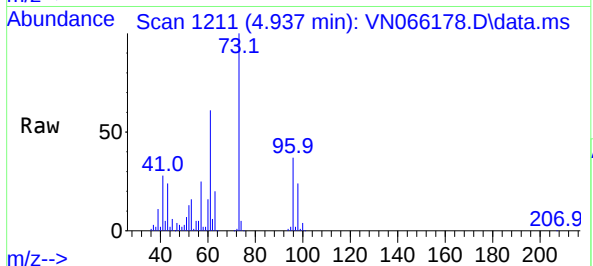
Tgt Ion: 84 Resp: 207006  
Ion Ratio Lower Upper  
84 100  
49 162.5 130.0 195.0  
51 48.9 39.1 58.7  
86 63.6 50.9 76.3





#21  
trans-1,2-Dichloroethene  
Concen: 50.00 ug/l  
RT: 4.937 min Scan# 1211  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

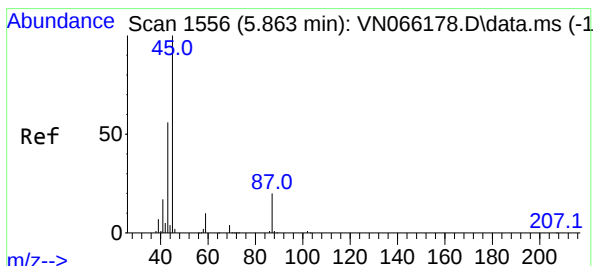
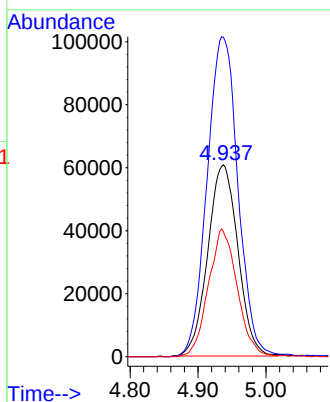
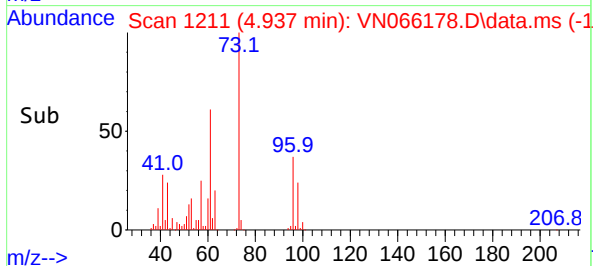
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



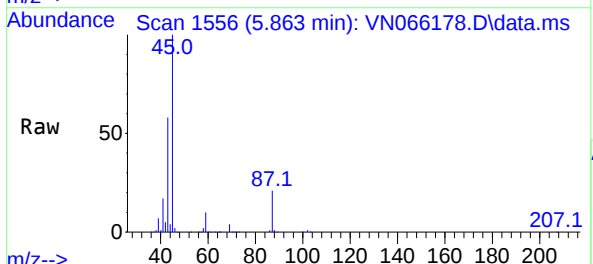
Tgt Ion: 96 Resp: 187182  
Ion Ratio Lower Upper  
96 100  
61 166.5 133.2 199.8  
98 65.0 52.0 78.0

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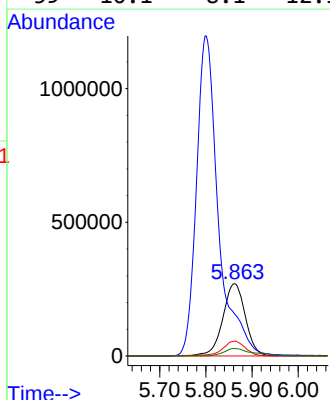
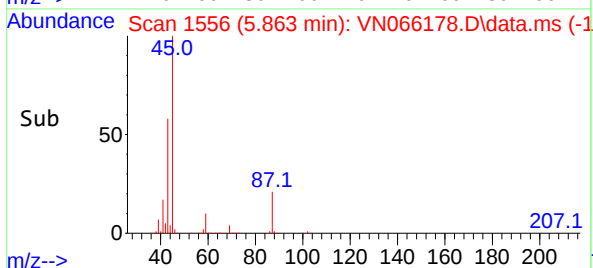
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3/15/2021 12:41:19 PM

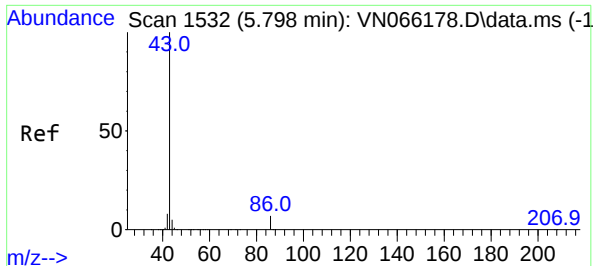


#22  
Diisopropyl ether  
Concen: 50.00 ug/l  
RT: 5.863 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



Tgt Ion: 45 Resp: 915461  
Ion Ratio Lower Upper  
45 100  
43 56.2 45.0 67.4  
87 20.5 16.4 24.6  
59 10.1 8.1 12.1



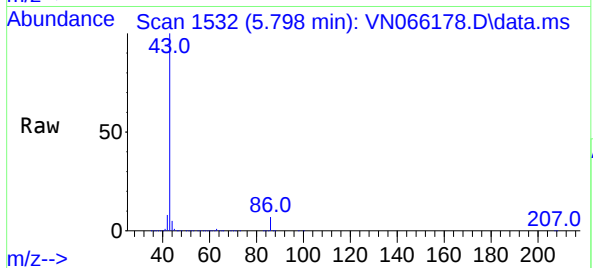


#23  
 Vinyl Acetate  
 Concen: 250.00 ug/l  
 RT: 5.798 min Scan# 1532  
 Delta R.T. -0.006 min  
 Lab File: VN066178.D  
 Acq: 12 Mar 2021 10:42

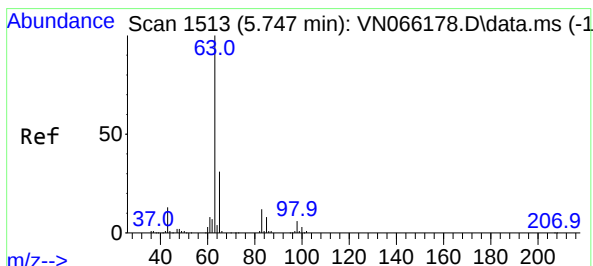
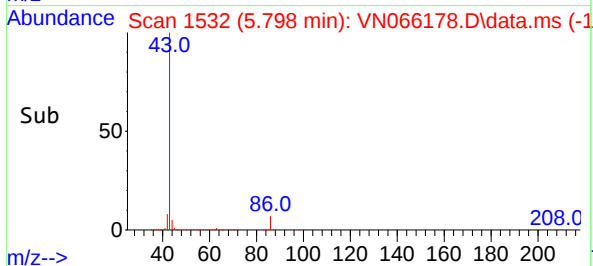
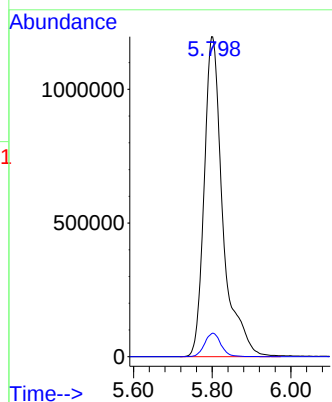
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

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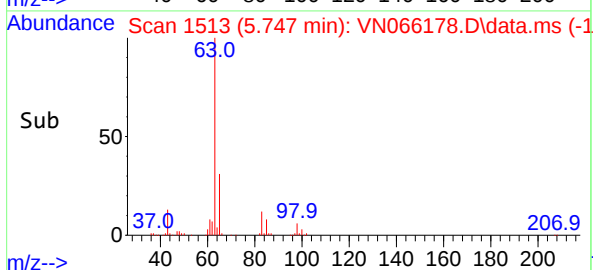
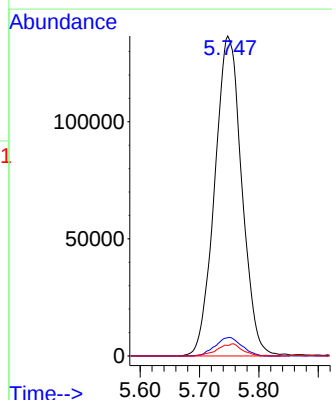
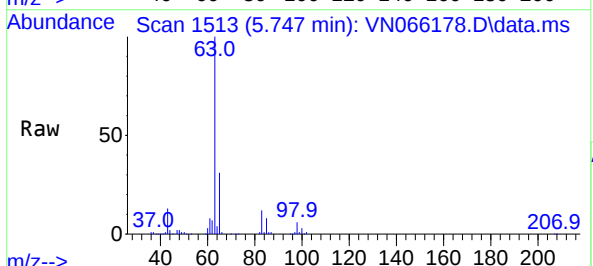


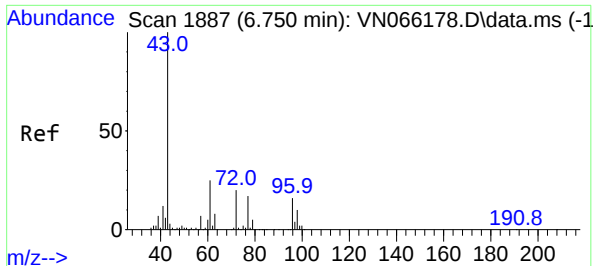
Tgt Ion: 43 Resp: 3948456  
 Ion Ratio Lower Upper  
 43 100  
 86 7.2 5.8 8.6



#24  
 1,1-Dichloroethane  
 Concen: 50.00 ug/l  
 RT: 5.747 min Scan# 1513  
 Delta R.T. -0.006 min  
 Lab File: VN066178.D  
 Acq: 12 Mar 2021 10:42

Tgt Ion: 63 Resp: 433111  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 2.9 8.6  
 100 3.3 1.7 5.0



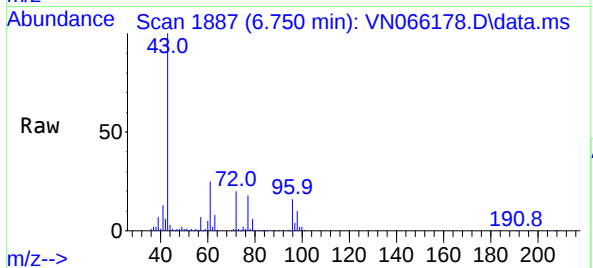


#25  
2-Butanone  
Concen: 250.00 ug/l  
RT: 6.750 min Scan# 1887  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

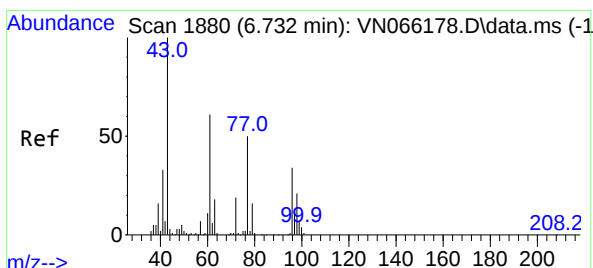
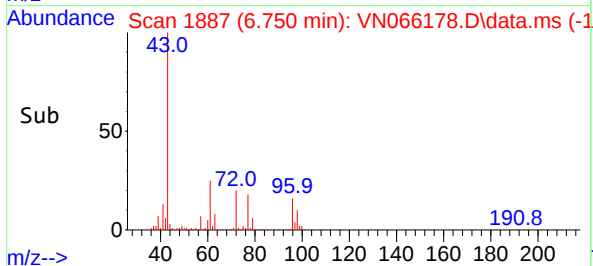
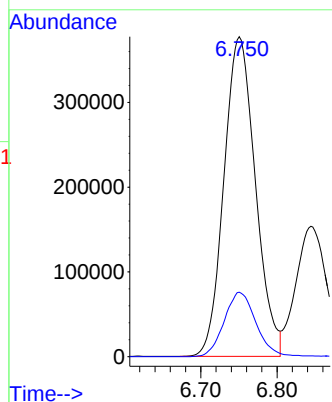
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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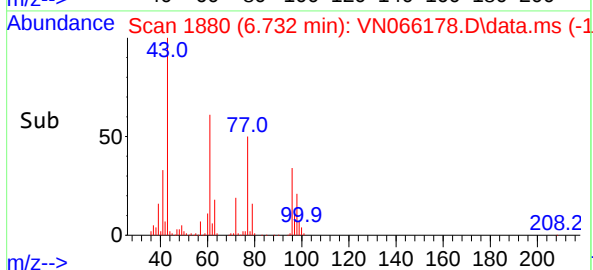
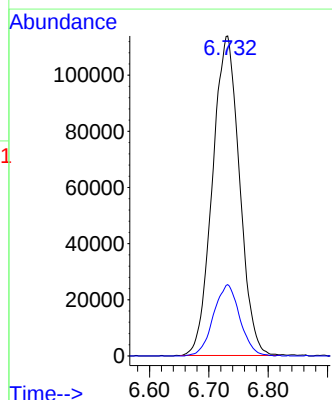
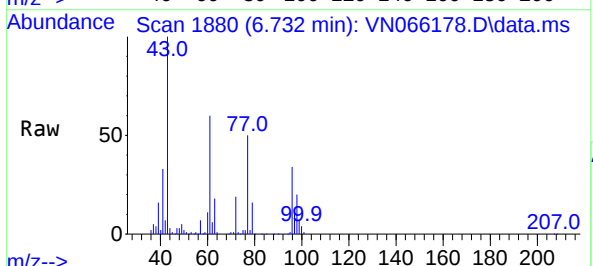


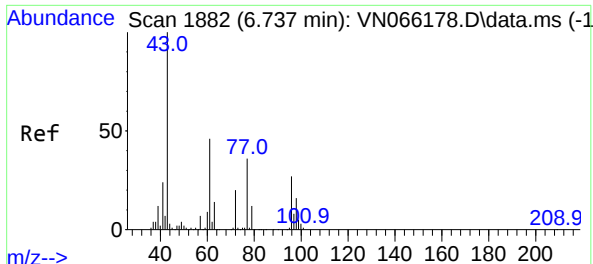
Tgt Ion: 43 Resp: 1081681  
Ion Ratio Lower Upper  
43 100  
72 20.2 16.2 24.2



#26  
2,2-Dichloropropane  
Concen: 50.00 ug/l  
RT: 6.732 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

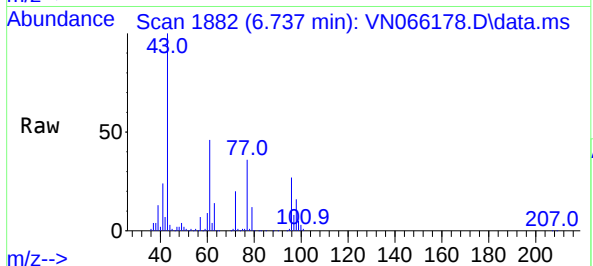
Tgt Ion: 77 Resp: 360174  
Ion Ratio Lower Upper  
77 100  
97 21.8 10.9 32.7





#27  
cis-1,2-Dichloroethene  
Concen: 50.00 ug/l  
RT: 6.737 min Scan# 1882  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

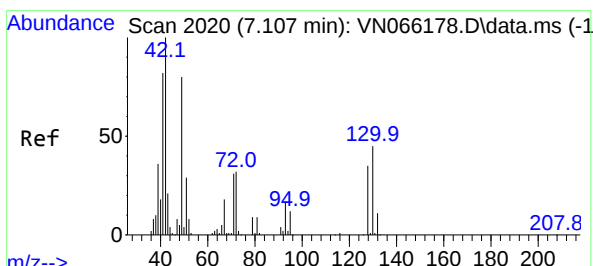
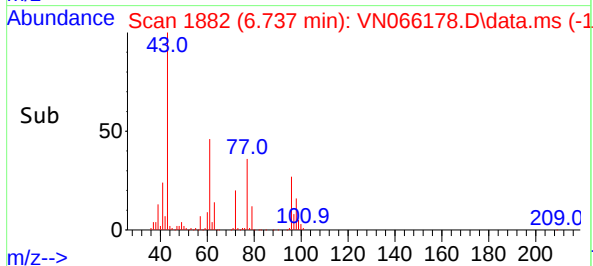
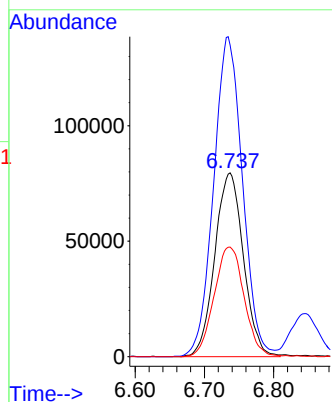
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 96 Resp: 229044  
Ion Ratio Lower Upper  
96 100  
61 175.4 0.0 350.8  
98 62.5 0.0 125.0

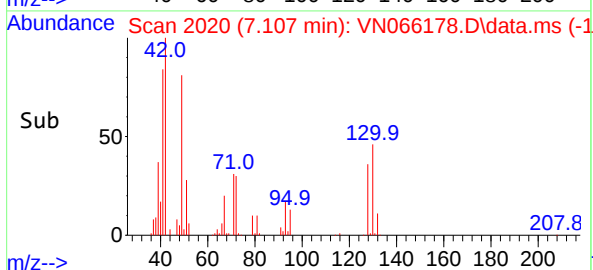
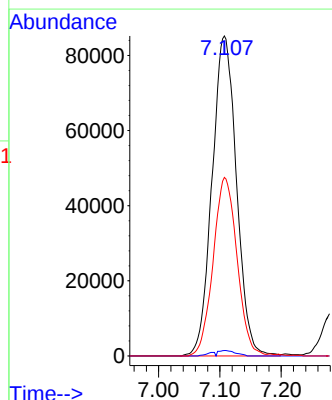
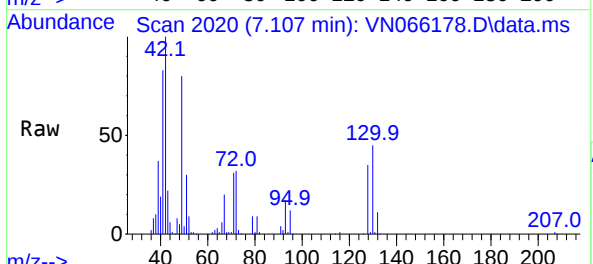
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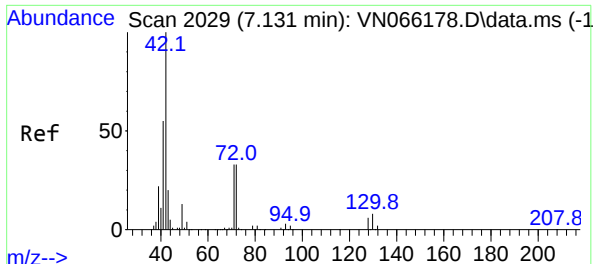
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#28  
Bromochloromethane  
Concen: 50.00 ug/l  
RT: 7.107 min Scan# 2020  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

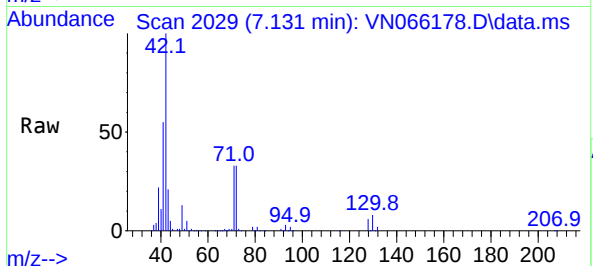
Tgt Ion: 49 Resp: 235910  
Ion Ratio Lower Upper  
49 100  
129 1.2 0.0 2.4  
130 54.5 43.6 65.4





#29  
Tetrahydrofuran  
Concen: 250.00 ug/l  
RT: 7.131 min Scan# 2029  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

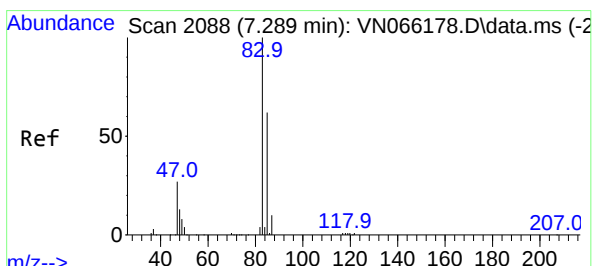
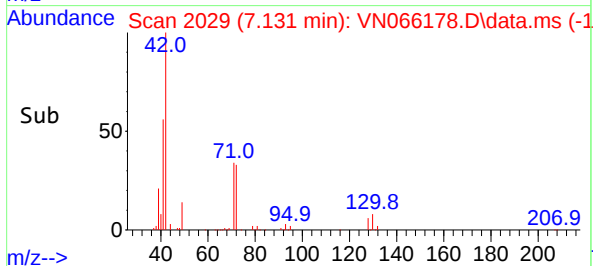
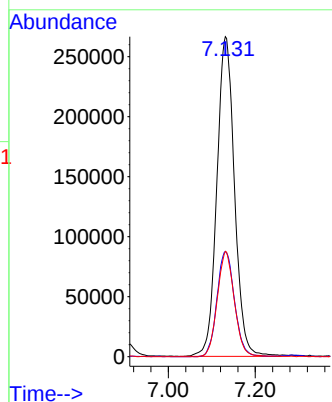
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 42 Resp: 750879  
Ion Ratio Lower Upper  
42 100  
72 32.8 26.2 39.4  
71 31.8 25.4 38.2

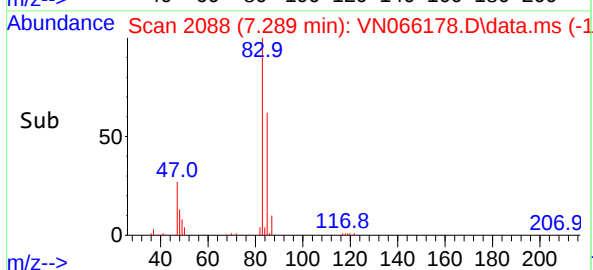
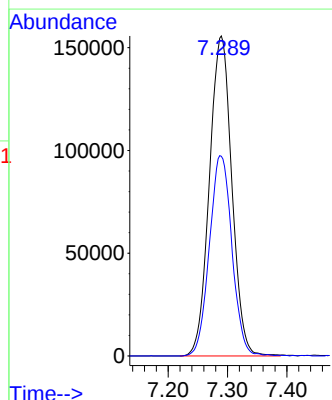
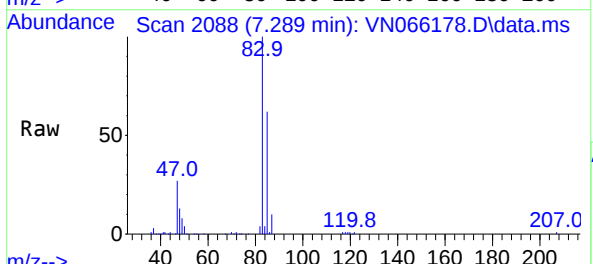
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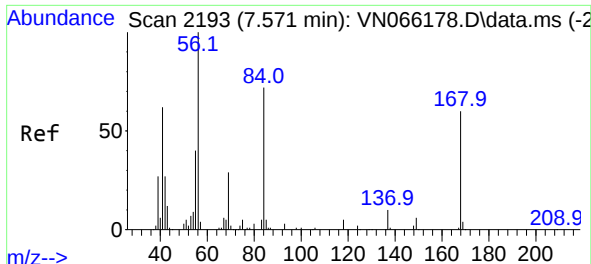
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#30  
Chloroform  
Concen: 50.00 ug/l  
RT: 7.289 min Scan# 2088  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

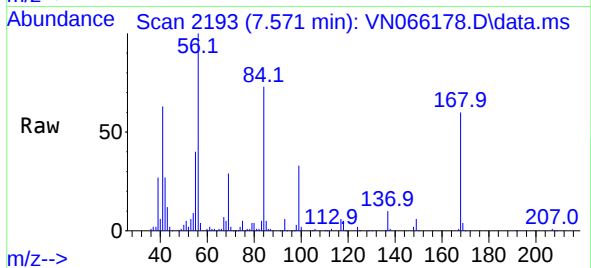
Tgt Ion: 83 Resp: 408382  
Ion Ratio Lower Upper  
83 100  
85 62.4 49.9 74.9





#31  
Cyclohexane  
Concen: 50.00 ug/l  
RT: 7.571 min Scan# 2193  
Delta R.T. -0.005 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

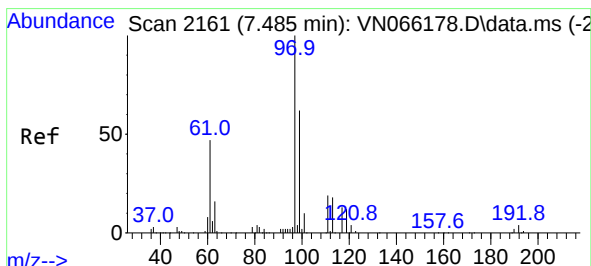
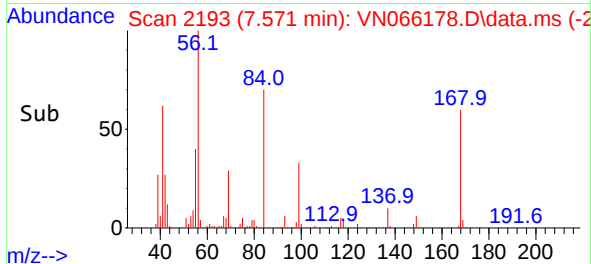
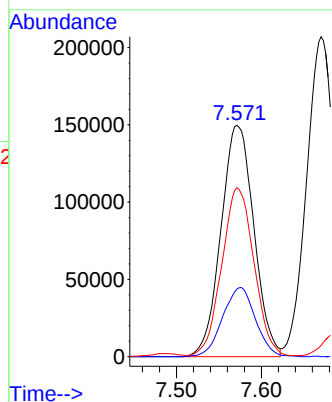
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



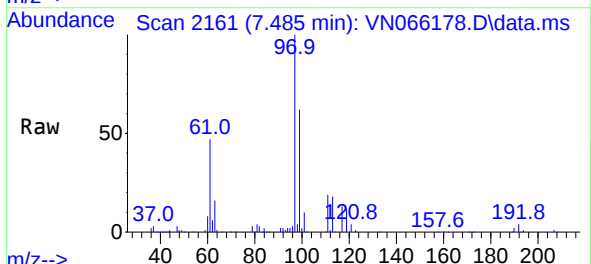
Tgt Ion: 56 Resp: 403185  
Ion Ratio Lower Upper  
56 100  
69 29.2 23.4 35.0  
84 72.2 57.8 86.6

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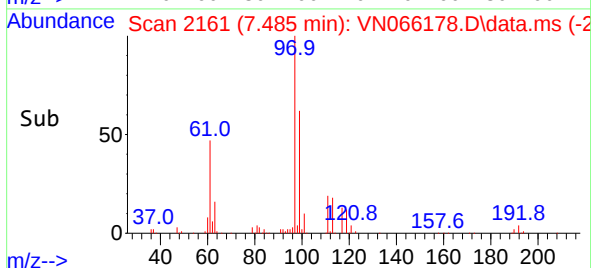
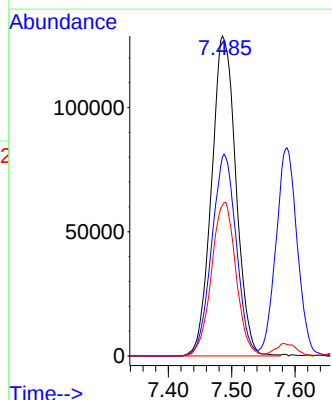
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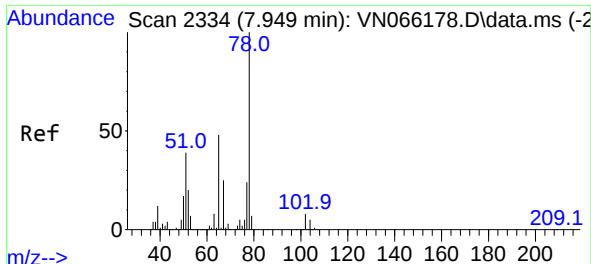


#32  
1,1,1-Trichloroethane  
Concen: 50.00 ug/l  
RT: 7.485 min Scan# 2161  
Delta R.T. -0.006 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



Tgt Ion: 97 Resp: 345192  
Ion Ratio Lower Upper  
97 100  
99 63.5 50.8 76.2  
61 48.2 38.6 57.8





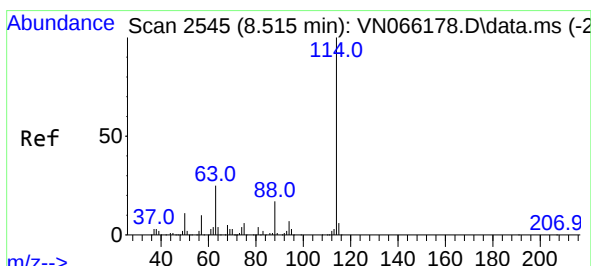
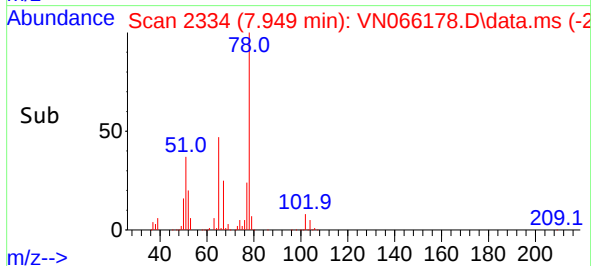
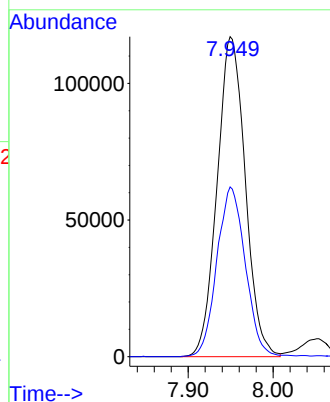
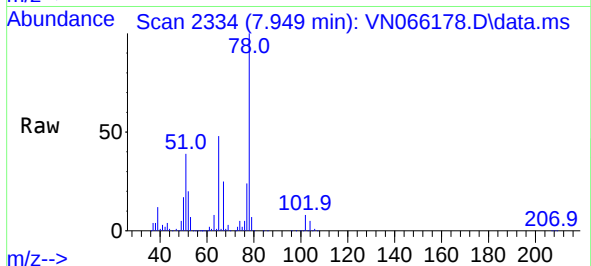
#33  
1,2-Dichloroethane-d4  
Concen: 50.00 ug/l  
RT: 7.949 min Scan# 2334  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 65 Resp: 269624  
Ion Ratio Lower Upper  
65 100  
67 53.6 0.0 107.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

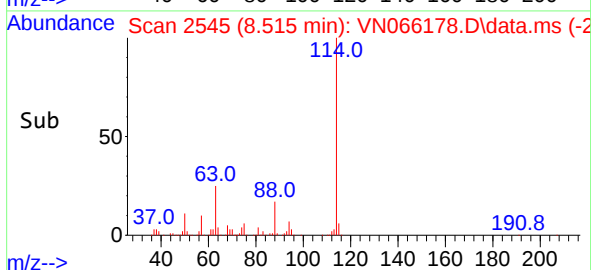
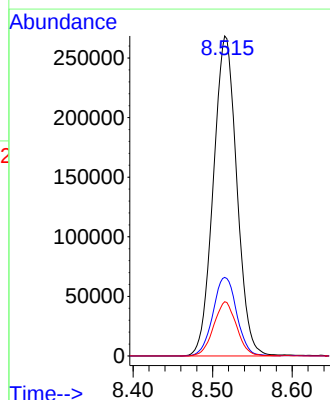
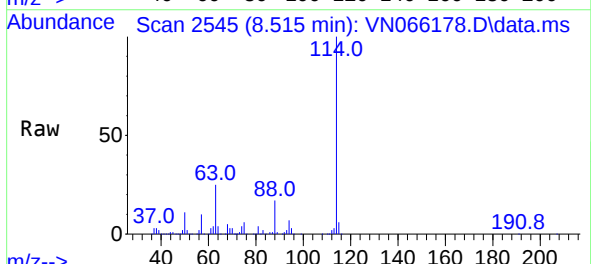
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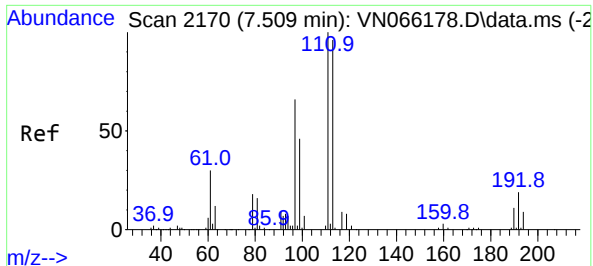
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.515 min Scan# 2545  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 114 Resp: 549582  
Ion Ratio Lower Upper  
114 100  
63 24.6 0.0 49.2  
88 16.9 0.0 33.8





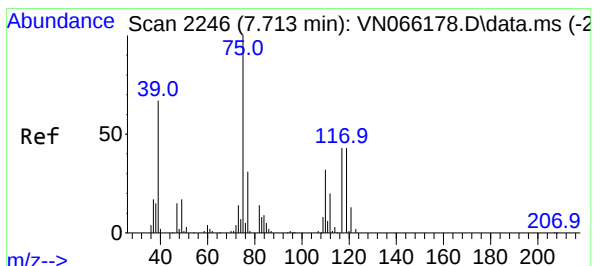
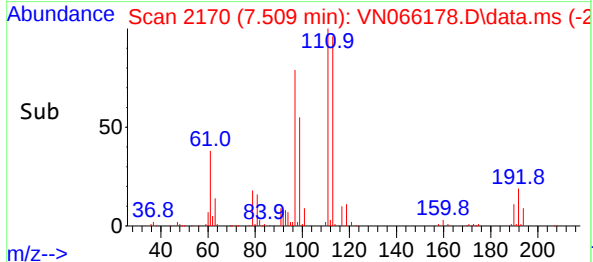
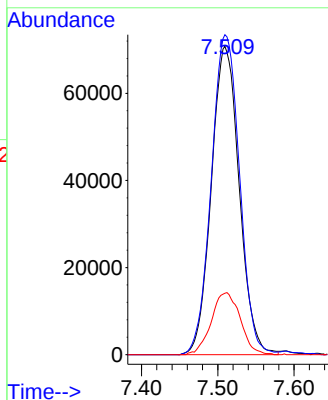
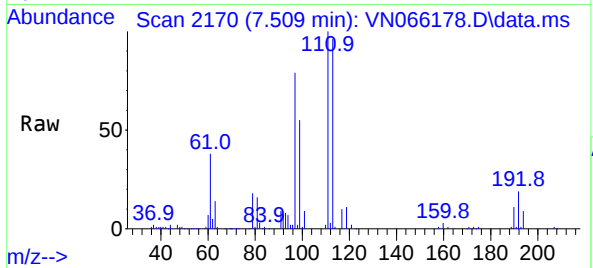
#35  
Dibromofluoromethane  
Concen: 50.00 ug/l  
RT: 7.509 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 113 Resp: 179873  
Ion Ratio Lower Upper  
113 100  
111 105.0 84.0 126.0  
192 20.9 16.7 25.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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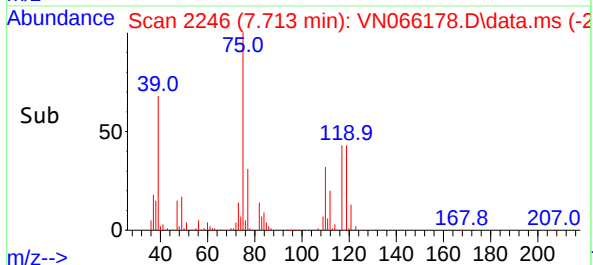
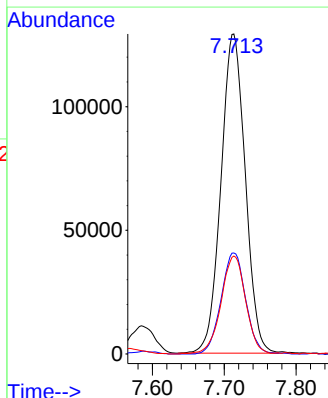
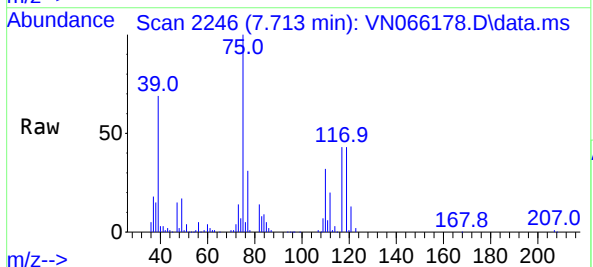
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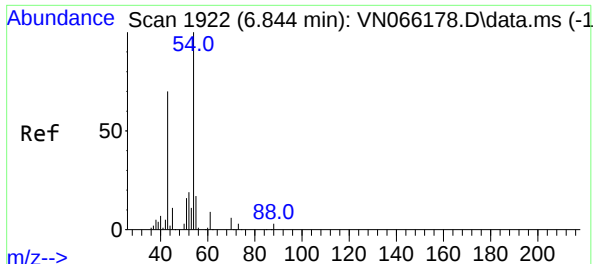
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#36  
1,1-Dichloropropene  
Concen: 50.00 ug/l  
RT: 7.713 min Scan# 2246  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 75 Resp: 302921  
Ion Ratio Lower Upper  
75 100  
110 32.0 16.0 48.0  
77 31.1 24.9 37.3





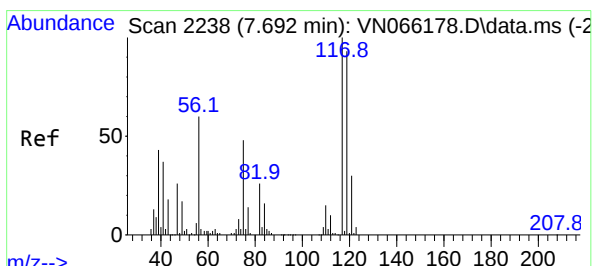
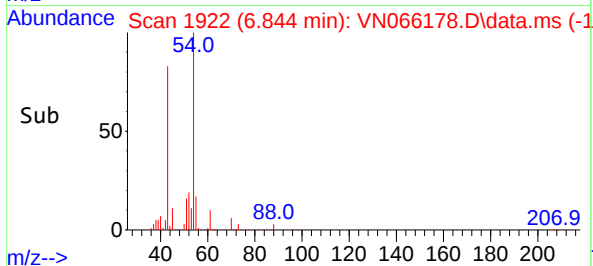
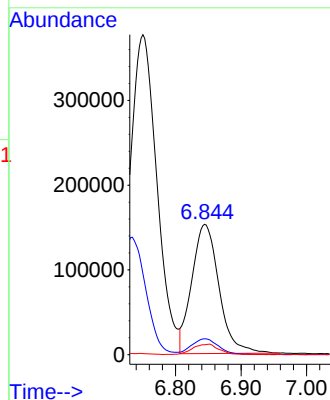
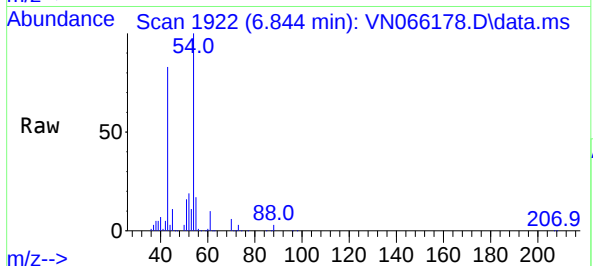
#37  
Ethyl Acetate  
Concen: 50.00 ug/l  
RT: 6.844 min Scan# 1922  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 43 Resp: 439745  
Ion Ratio Lower Upper  
43 100  
61 11.5 9.2 13.8  
70 7.6 6.1 9.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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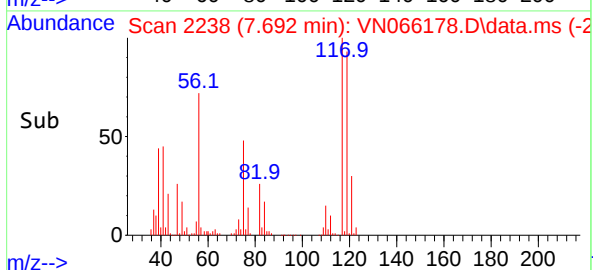
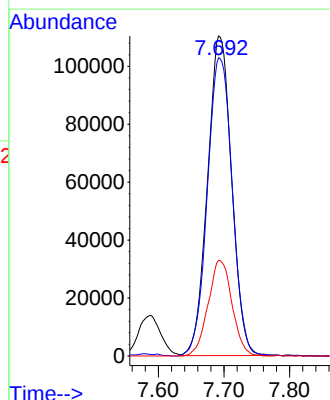
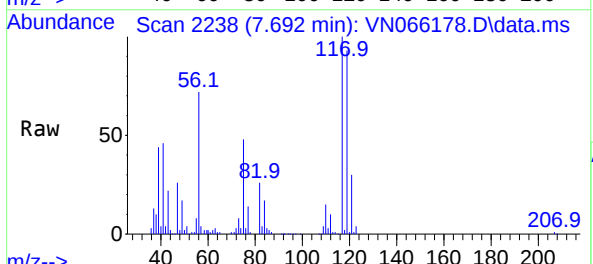
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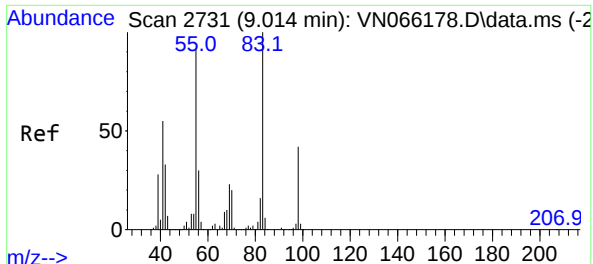
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#38  
Carbon Tetrachloride  
Concen: 50.00 ug/l  
RT: 7.692 min Scan# 2238  
Delta R.T. -0.005 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 117 Resp: 282073  
Ion Ratio Lower Upper  
117 100  
119 93.2 74.6 111.8  
121 29.9 23.9 35.9





#39

Methylcyclohexane

Concen: 50.00 ug/l

RT: 9.014 min Scan# 2731

Delta R.T. -0.000 min

Lab File: VN066178.D

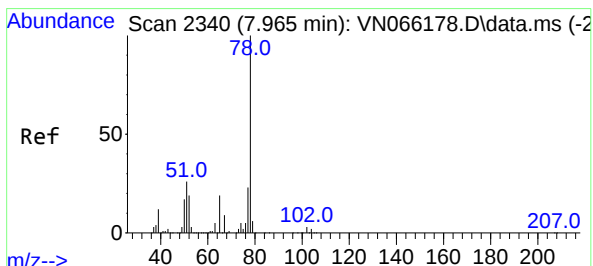
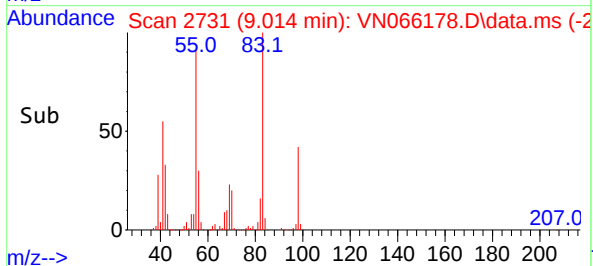
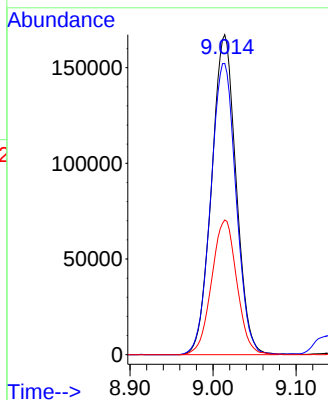
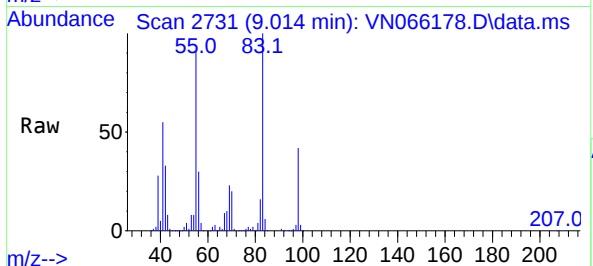
Acq: 12 Mar 2021 10:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 342605 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 91.0  | 72.8  | 109.2  |
| 98       | 42.1  | 33.7  | 50.5   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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#40

Benzene

Concen: 50.00 ug/l

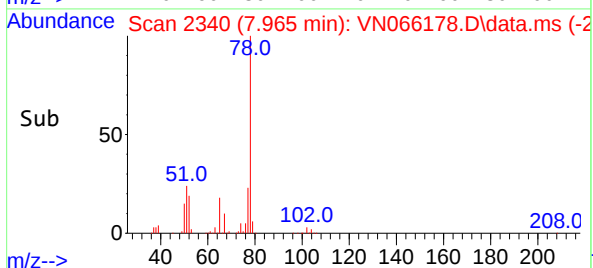
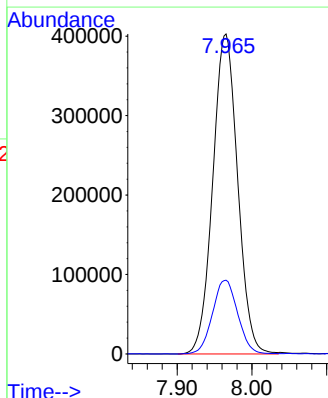
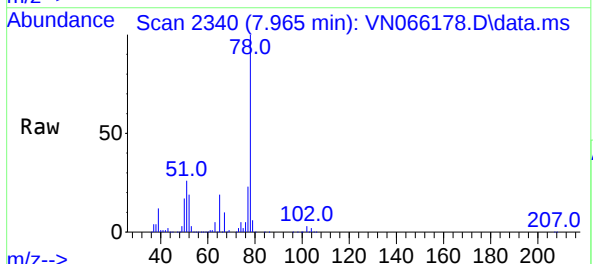
RT: 7.965 min Scan# 2340

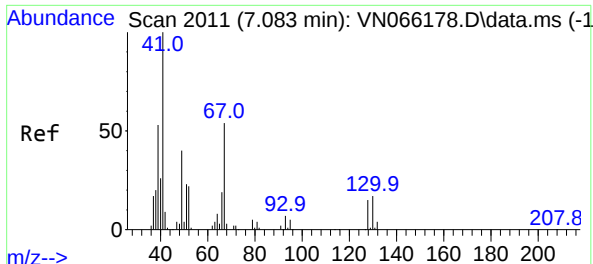
Delta R.T. 0.000 min

Lab File: VN066178.D

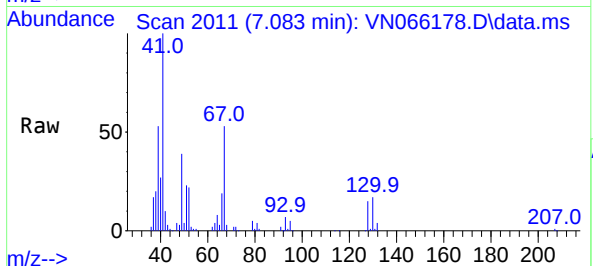
Acq: 12 Mar 2021 10:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 930583 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.1  | 18.5  | 27.7   |

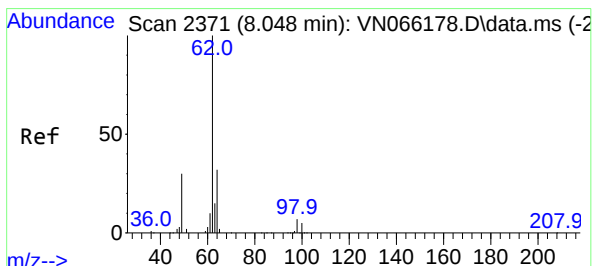
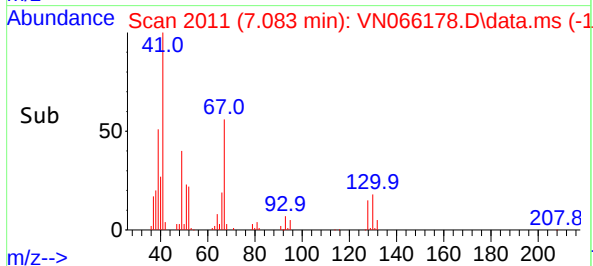
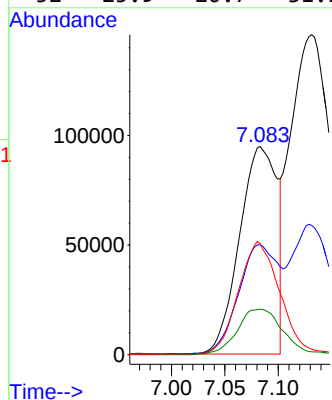




#41  
Methacrylonitrile  
Concen: 50.00 ug/l  
RT: 7.083 min Scan# 2011  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

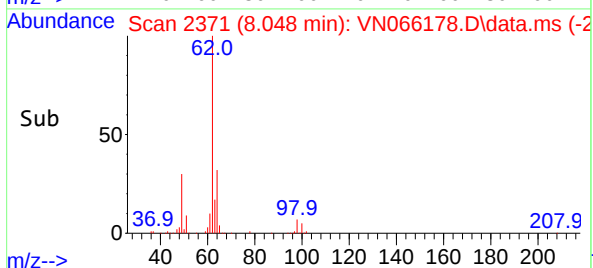
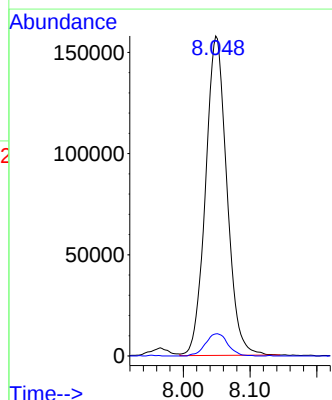
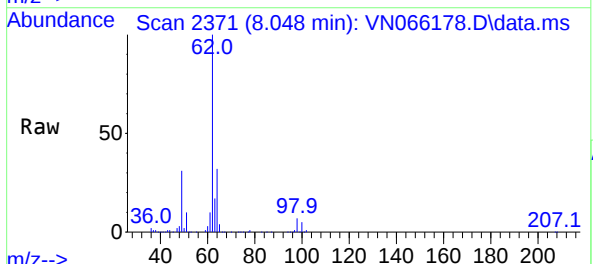


Tgt Ion: 41 Resp: 231579  
Ion Ratio Lower Upper  
41 100  
39 56.2 45.0 67.4  
67 60.3 48.2 72.4  
52 25.9 20.7 31.1



#42  
1,2-Dichloroethane  
Concen: 50.00 ug/l  
RT: 8.048 min Scan# 2371  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

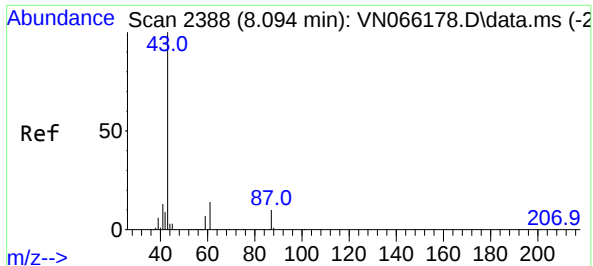
Tgt Ion: 62 Resp: 349914  
Ion Ratio Lower Upper  
62 100  
98 7.4 0.0 14.8



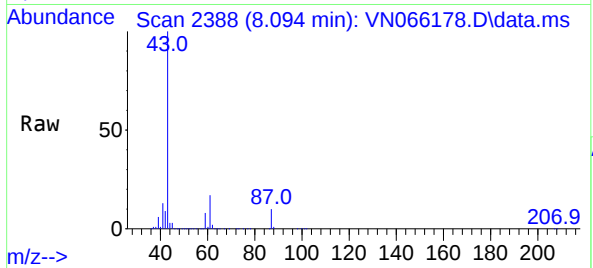
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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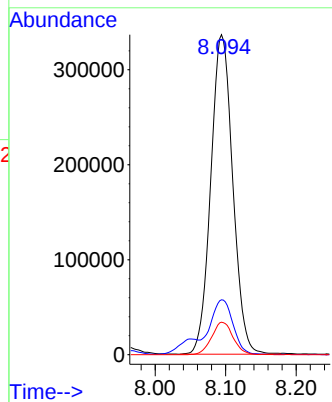
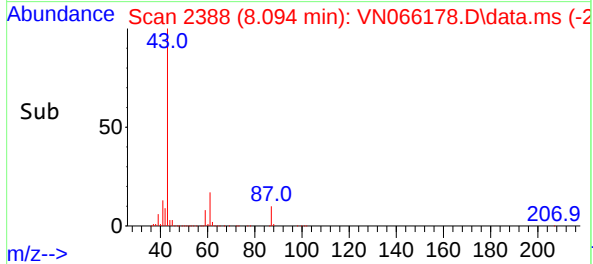
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#43  
Isopropyl Acetate  
Concen: 50.00 ug/l  
RT: 8.094 min Scan# 2388  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



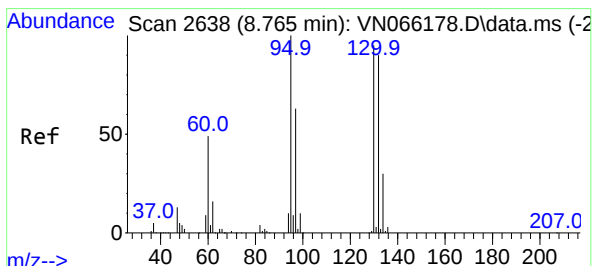
Tgt Ion: 43 Resp: 728997  
Ion Ratio Lower Upper  
43 100  
61 17.5 14.0 21.0  
87 9.9 7.9 11.9



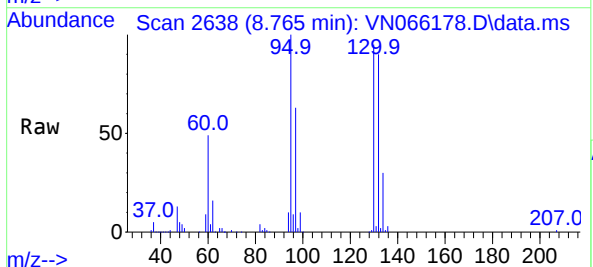
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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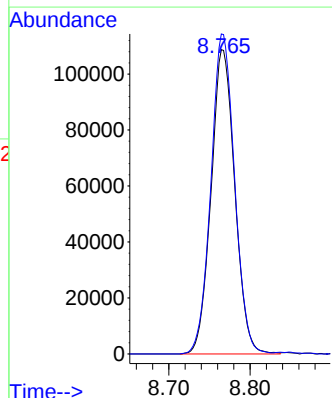
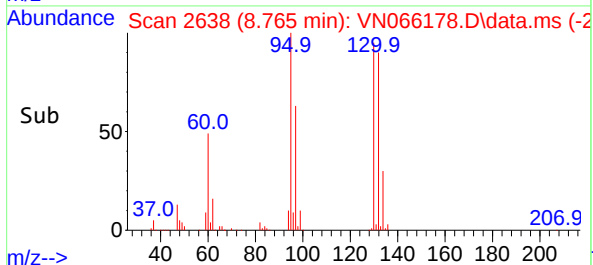
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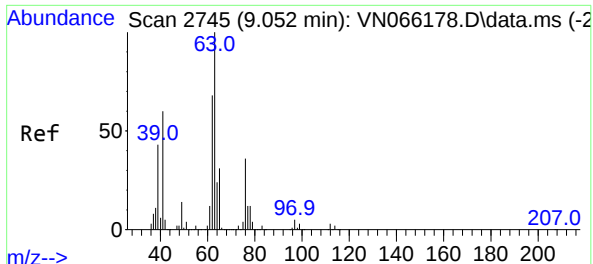


#44  
Trichloroethene  
Concen: 50.00 ug/l  
RT: 8.765 min Scan# 2638  
Delta R.T. -0.002 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



Tgt Ion:130 Resp: 220396  
Ion Ratio Lower Upper  
130 100  
95 105.1 0.0 210.2





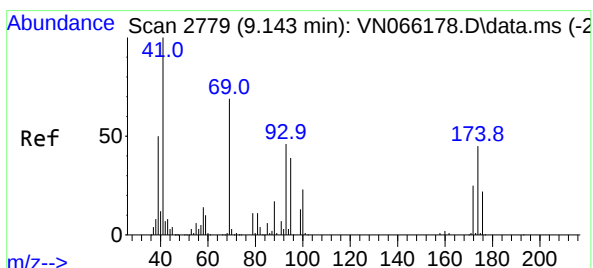
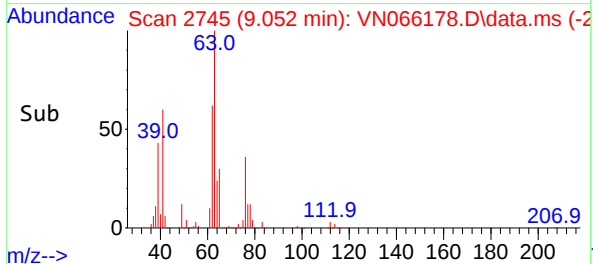
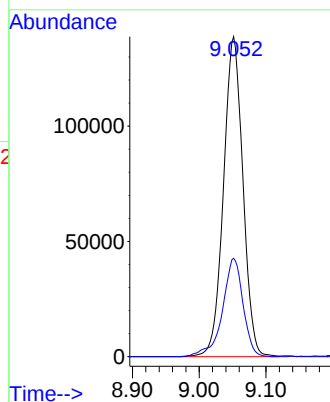
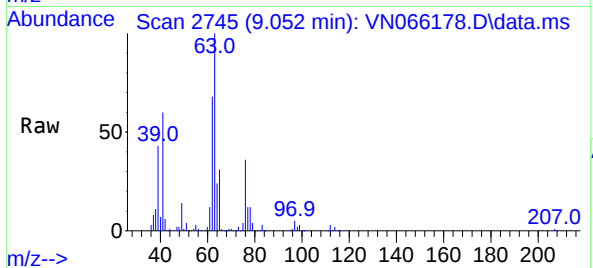
#45  
1,2-Dichloropropane  
Concen: 50.00 ug/l  
RT: 9.052 min Scan# 2745  
Delta R.T. 0.001 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 63 Resp: 280720  
Ion Ratio Lower Upper  
63 100  
65 30.8 24.6 37.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

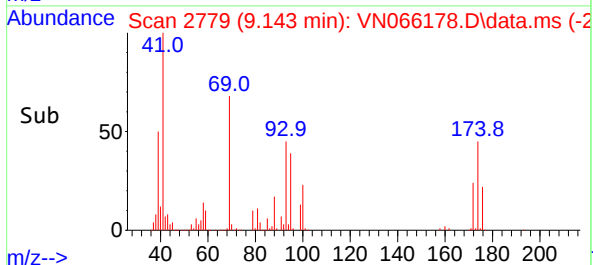
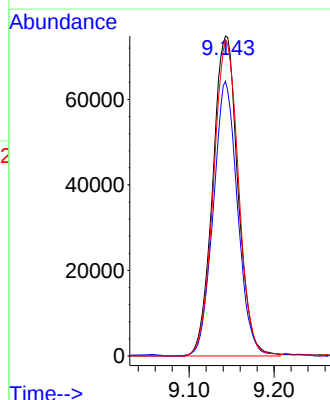
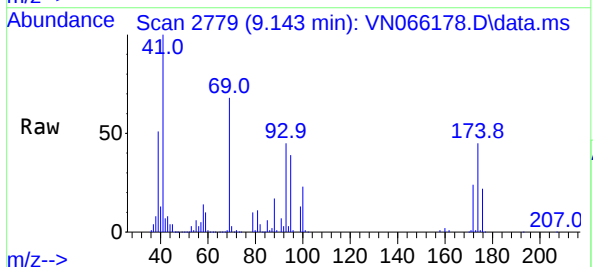
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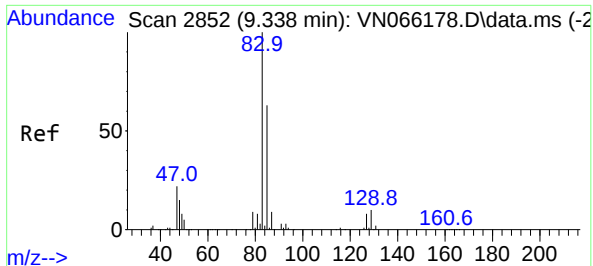
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#46  
Dibromomethane  
Concen: 50.00 ug/l  
RT: 9.143 min Scan# 2779  
Delta R.T. -0.002 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 93 Resp: 154432  
Ion Ratio Lower Upper  
93 100  
95 82.6 66.1 99.1  
174 97.8 78.2 117.4





#47  
Bromodichloromethane  
Concen: 50.00 ug/l  
RT: 9.338 min Scan# 2852  
Delta R.T. -0.002 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

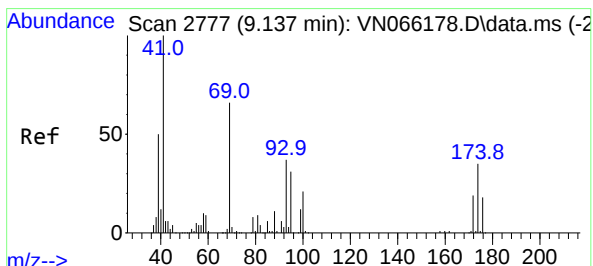
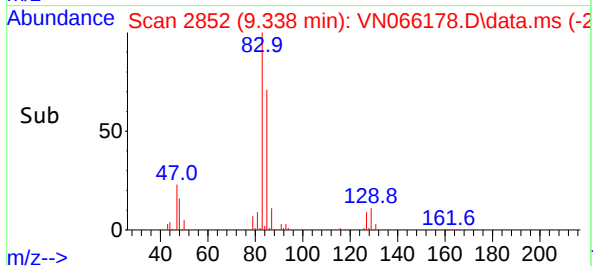
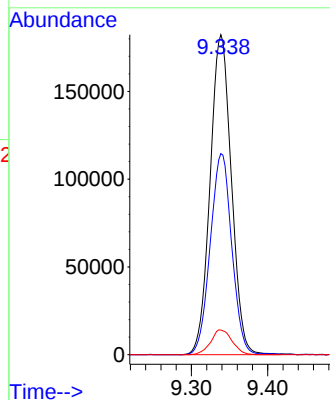
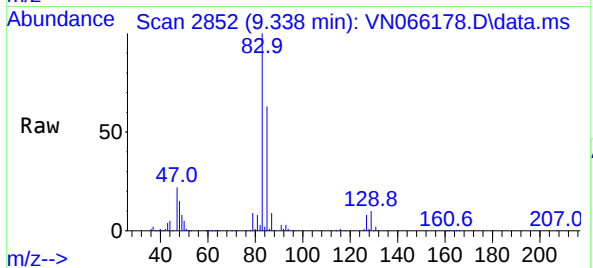
Tgt Ion: 83 Resp: 353234  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.9  | 50.3  | 75.5  |
| 127 | 7.7   | 6.2   | 9.2   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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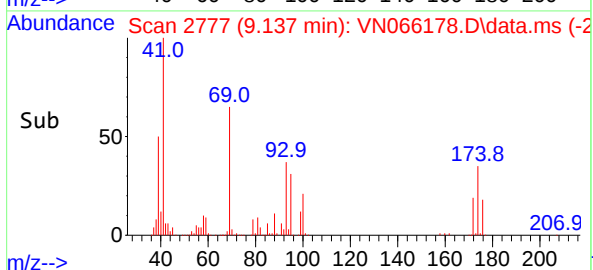
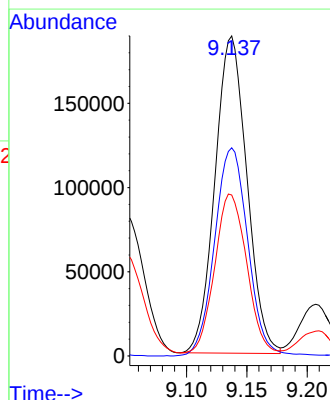
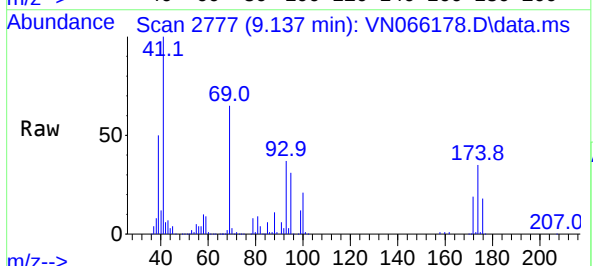
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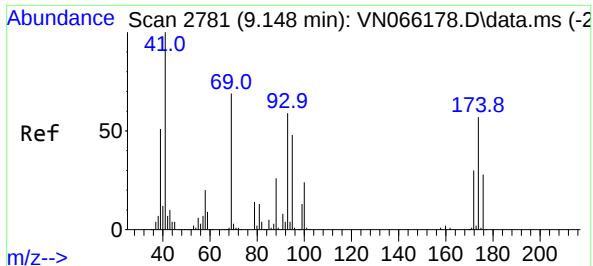


#48  
Methyl methacrylate  
Concen: 50.00 ug/l  
RT: 9.137 min Scan# 2777  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 41 Resp: 347216  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 68.4  | 54.7  | 82.1  |
| 39  | 50.2  | 40.2  | 60.2  |





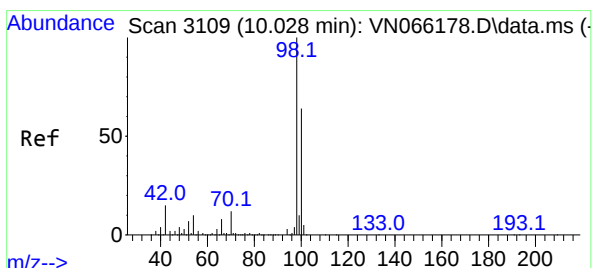
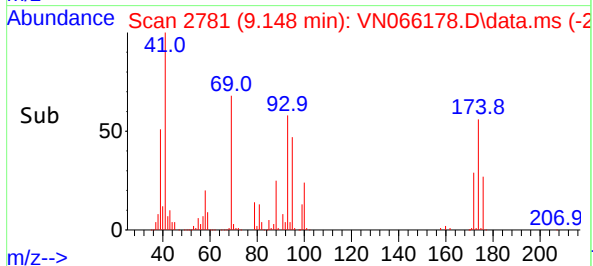
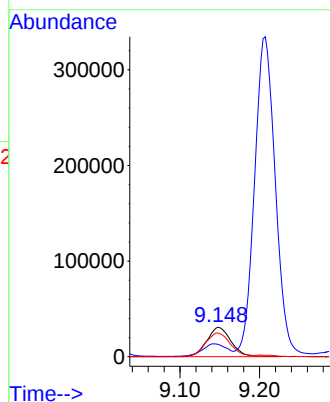
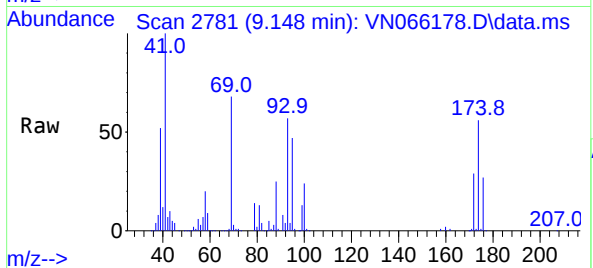
#49  
1,4-Dioxane  
Concen: 1000.00 ug/l  
RT: 9.148 min Scan# 2781  
Delta R.T. 0.005 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 88 Resp: 65005  
Ion Ratio Lower Upper  
88 100  
43 43.0 34.4 51.6  
58 84.1 67.3 100.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

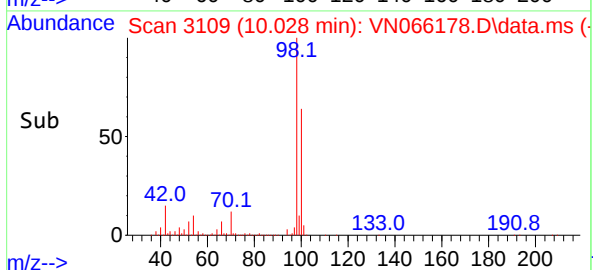
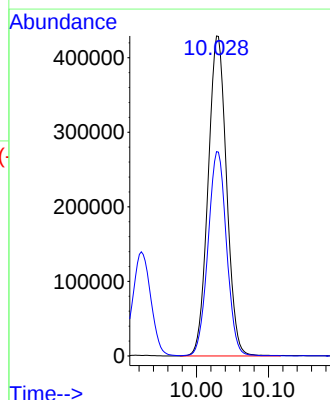
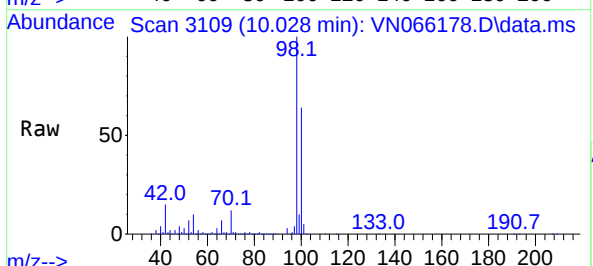
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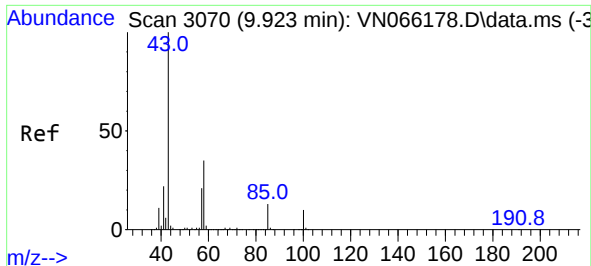
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#50  
Toluene-d8  
Concen: 50.00 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.002 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

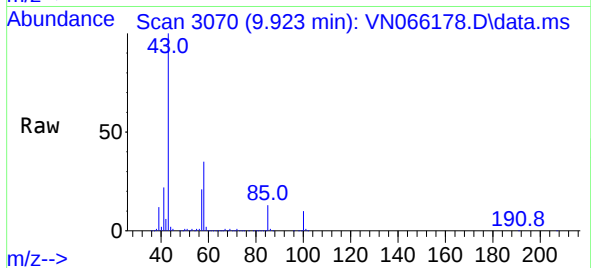
Tgt Ion: 98 Resp: 766779  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.0 76.6





#51  
4-Methyl-2-Pentanone  
Concen: 250.00 ug/l  
RT: 9.923 min Scan# 3070  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

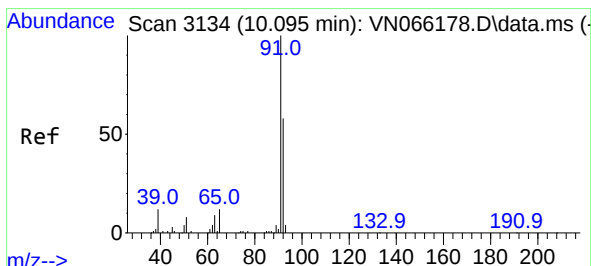
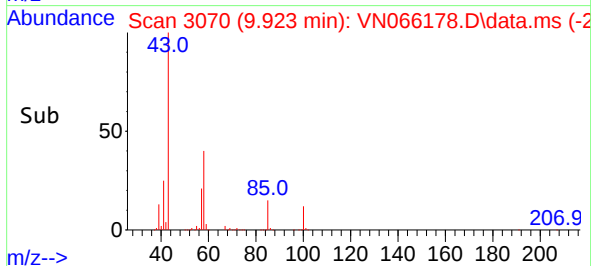
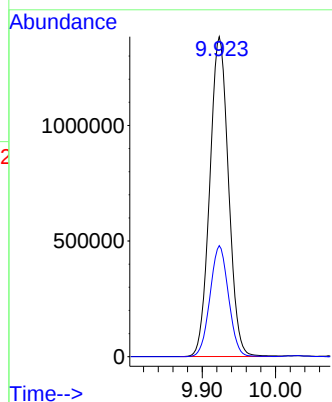
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



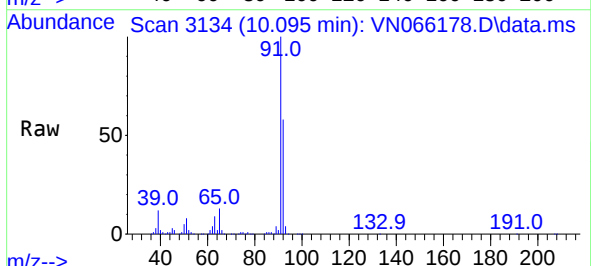
Tgt Ion: 43 Resp: 2451538  
Ion Ratio Lower Upper  
43 100  
58 34.4 27.5 41.3

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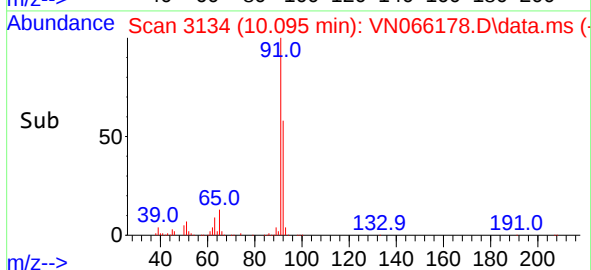
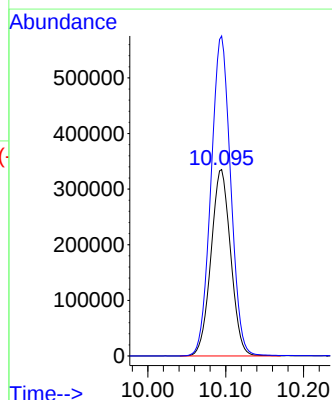
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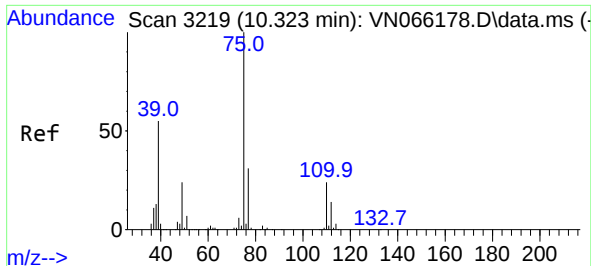


#52  
Toluene  
Concen: 50.00 ug/l  
RT: 10.095 min Scan# 3134  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



Tgt Ion: 92 Resp: 587939  
Ion Ratio Lower Upper  
92 100  
91 171.9 137.5 206.3





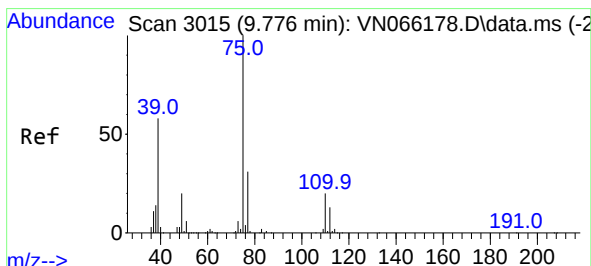
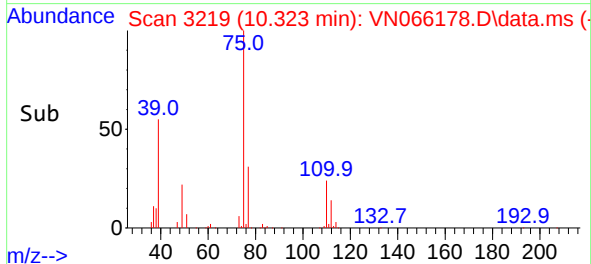
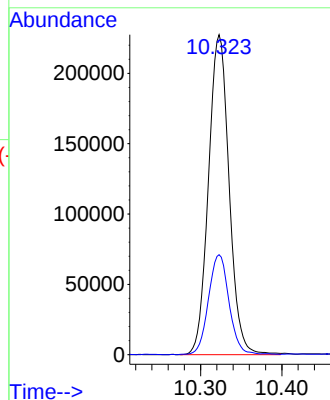
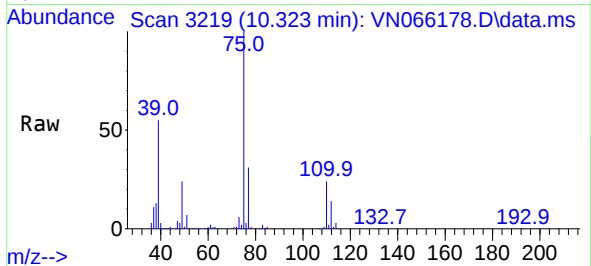
#53  
 t-1,3-Dichloropropene  
 Concen: 50.00 ug/l  
 RT: 10.323 min Scan# 3219  
 Delta R.T. -0.000 min  
 Lab File: VN066178.D  
 Acq: 12 Mar 2021 10:42

Tgt Ion: 75 Resp: 401746  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.0 37.4

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDICCC050

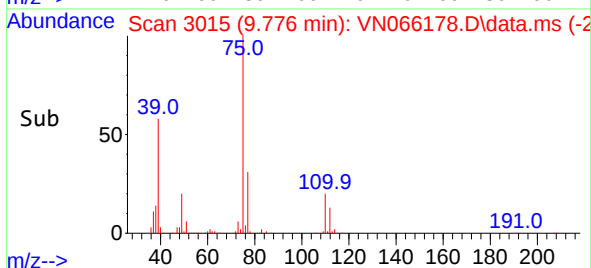
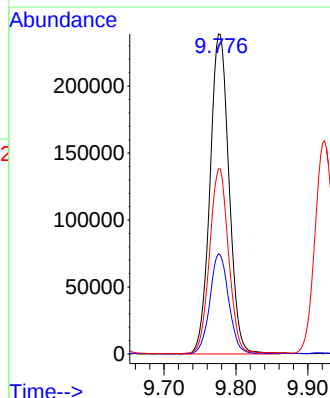
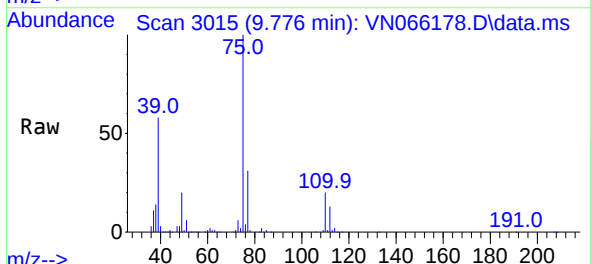
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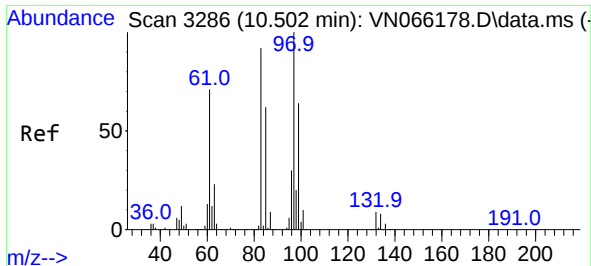
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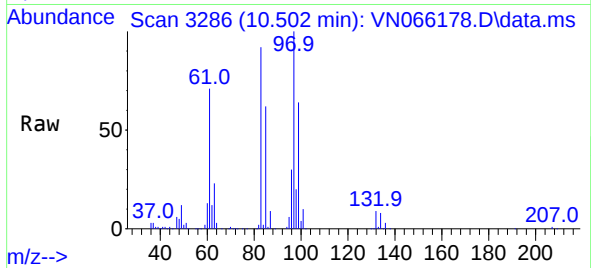
#54  
 cis-1,3-Dichloropropene  
 Concen: 50.00 ug/l  
 RT: 9.776 min Scan# 3015  
 Delta R.T. -0.002 min  
 Lab File: VN066178.D  
 Acq: 12 Mar 2021 10:42

Tgt Ion: 75 Resp: 438565  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.0 37.4  
 39 57.7 46.2 69.2



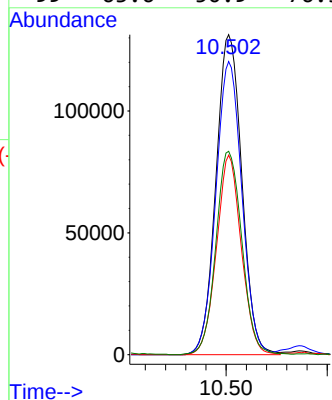


#55  
1,1,2-Trichloroethane  
Concen: 50.00 ug/l  
RT: 10.502 min Scan# 3286  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



Tgt Ion: 97 Resp: 233374

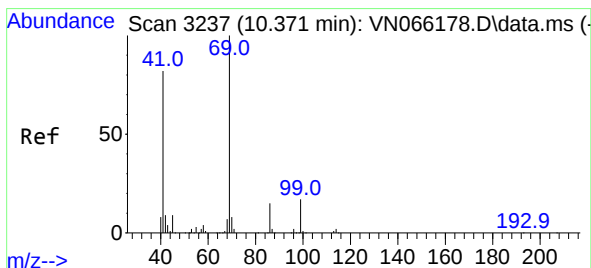
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 91.6  | 73.3  | 109.9 |
| 85  | 62.3  | 49.8  | 74.8  |
| 99  | 63.6  | 50.9  | 76.3  |



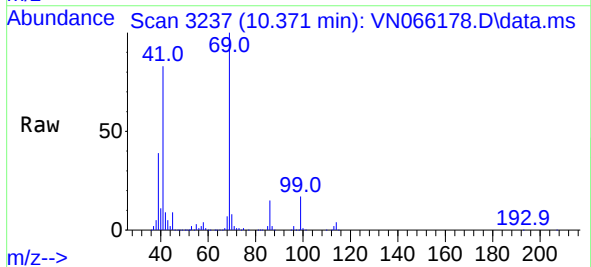
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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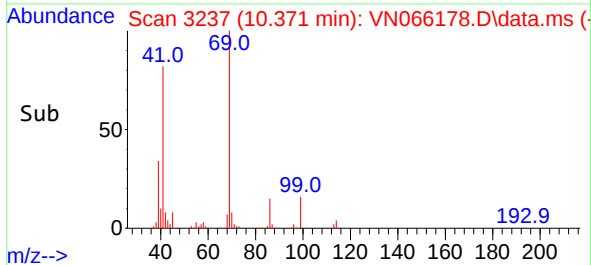
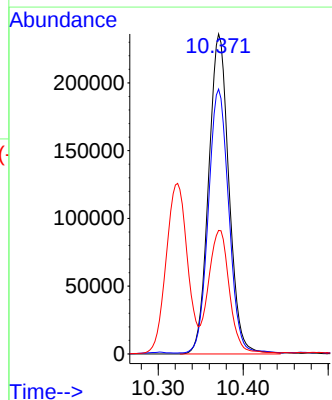


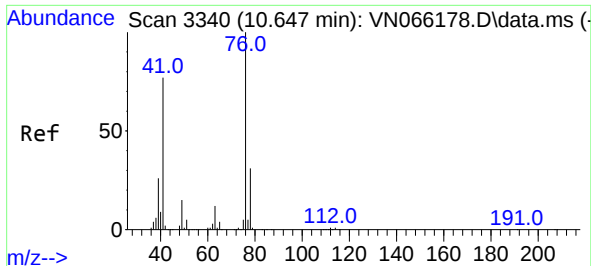
#56  
Ethyl methacrylate  
Concen: 50.00 ug/l  
RT: 10.371 min Scan# 3237  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



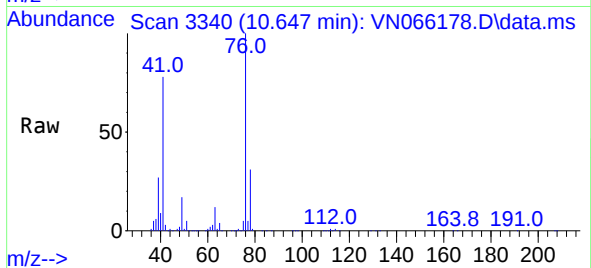
Tgt Ion: 69 Resp: 391842

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 82.8  | 66.2  | 99.4  |
| 39  | 39.4  | 31.5  | 47.3  |

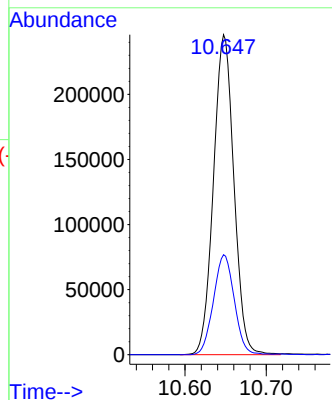
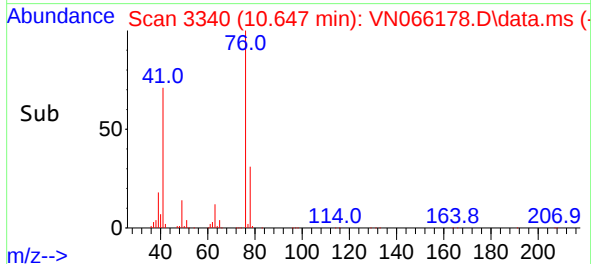




#57  
1,3-Dichloropropane  
Concen: 50.00 ug/l  
RT: 10.647 min Scan# 3340  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



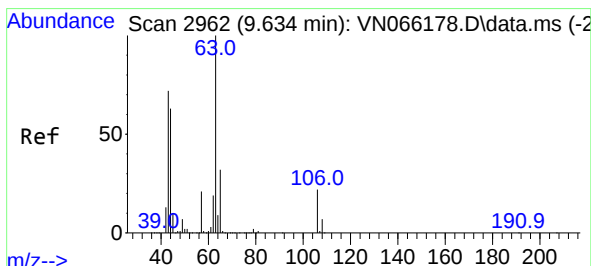
Tgt Ion: 76 Resp: 429461  
Ion Ratio Lower Upper  
76 100  
78 31.8 25.4 38.2



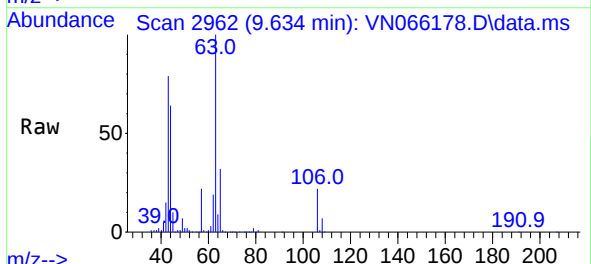
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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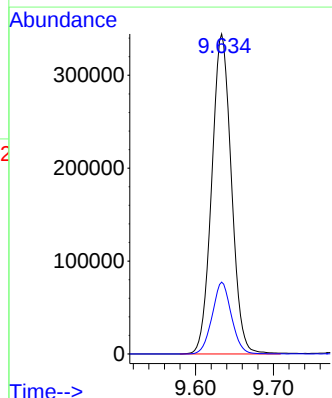
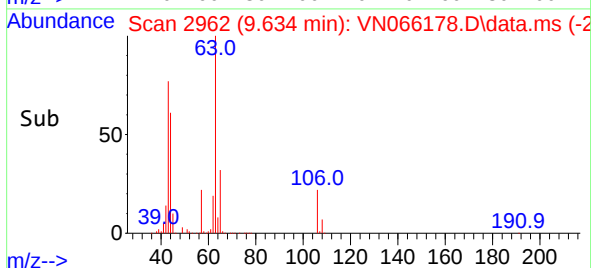
MMDadoda  
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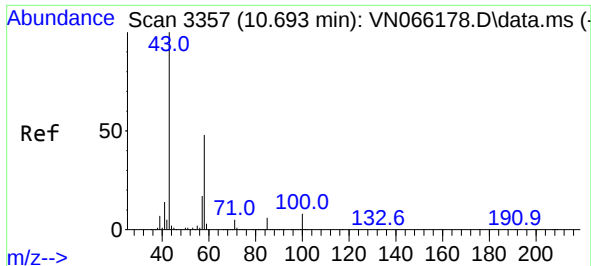


#58  
2-Chloroethyl Vinyl ether  
Concen: 250.00 ug/l  
RT: 9.634 min Scan# 2962  
Delta R.T. 0.001 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



Tgt Ion: 63 Resp: 602476  
Ion Ratio Lower Upper  
63 100  
106 22.0 17.6 26.4





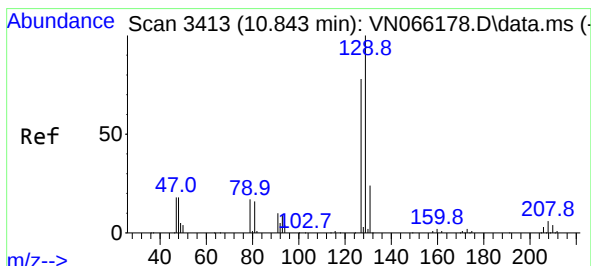
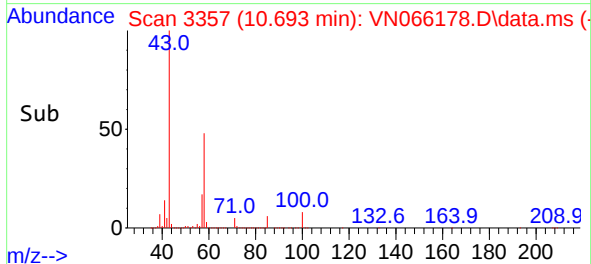
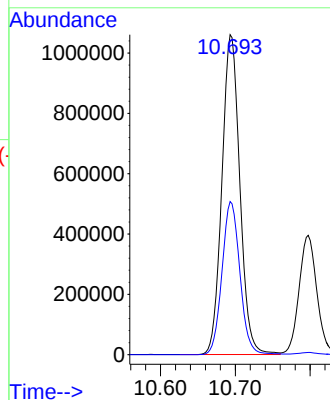
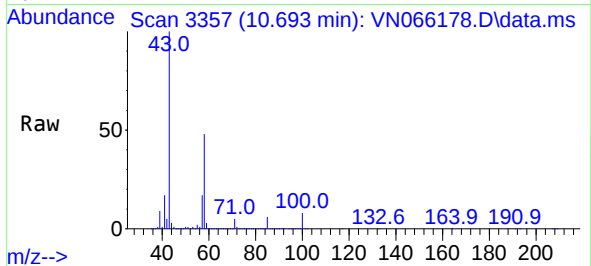
#59  
2-Hexanone  
Concen: 250.00 ug/l  
RT: 10.693 min Scan# 3357  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 43 Resp: 1766410  
Ion Ratio Lower Upper  
43 100  
58 47.7 23.8 71.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

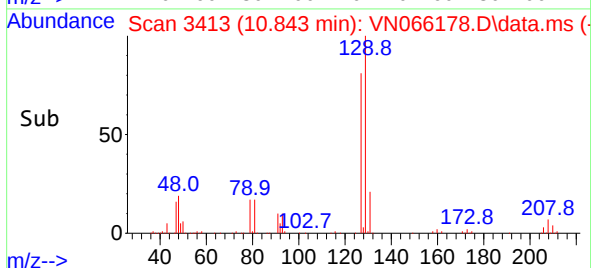
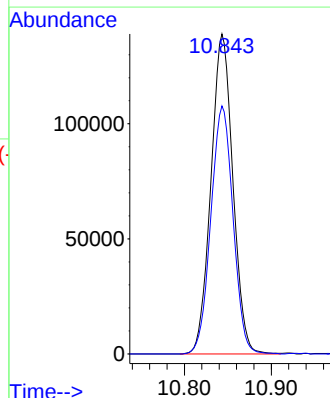
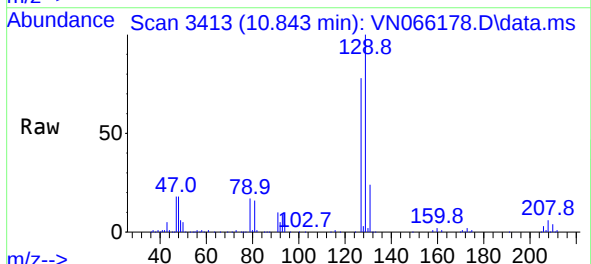
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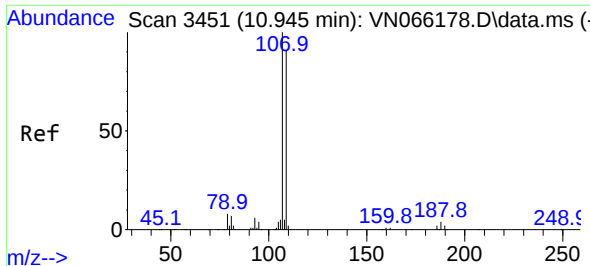
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#60  
Dibromochloromethane  
Concen: 50.00 ug/l  
RT: 10.843 min Scan# 3413  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:129 Resp: 243565  
Ion Ratio Lower Upper  
129 100  
127 78.4 39.2 117.6





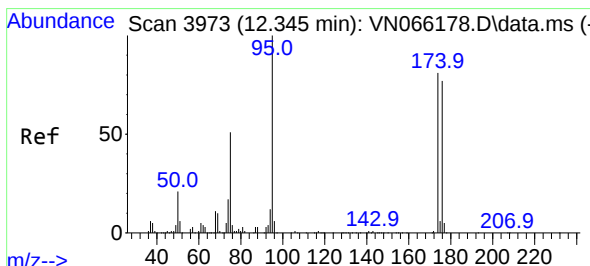
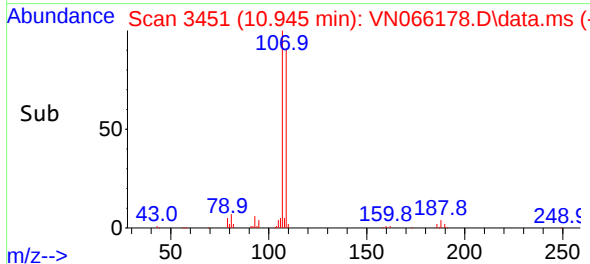
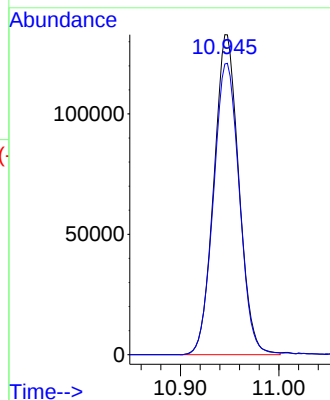
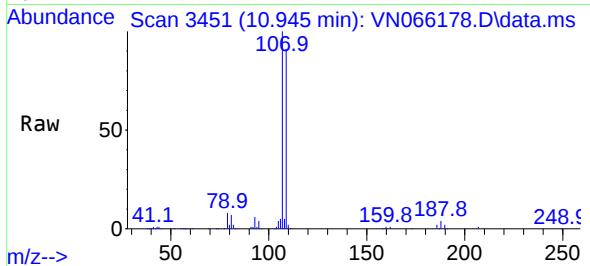
#61  
1,2-Dibromoethane  
Concen: 50.00 ug/l  
RT: 10.945 min Scan# 3451  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 107 Resp: 234797  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.5 113.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

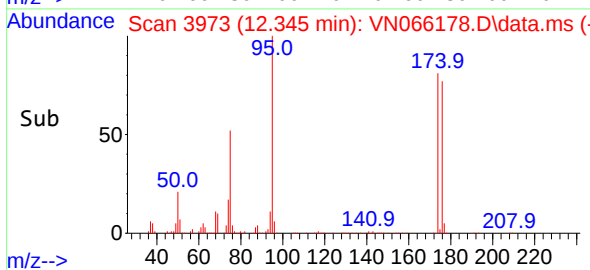
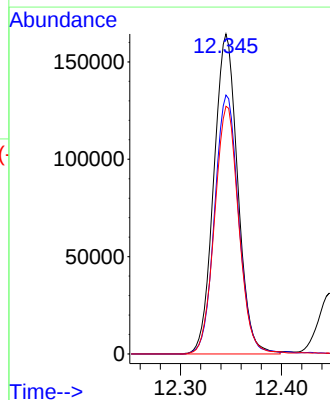
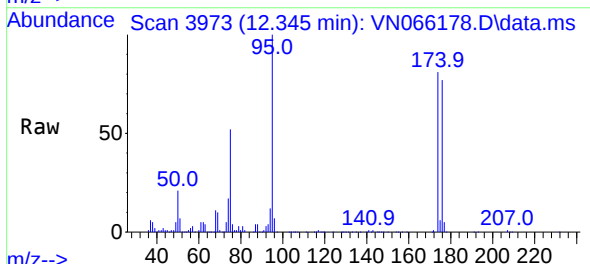
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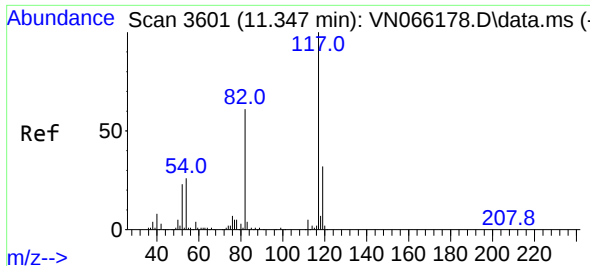
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#62  
4-Bromofluorobenzene  
Concen: 50.00 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 95 Resp: 269899  
Ion Ratio Lower Upper  
95 100  
174 81.2 0.0 162.4  
176 78.1 0.0 156.2





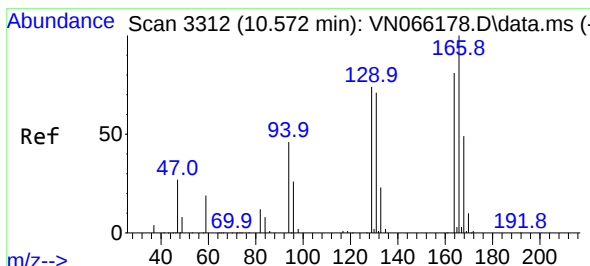
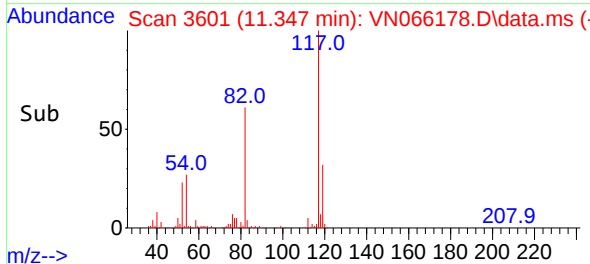
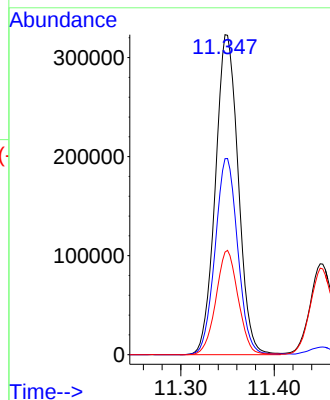
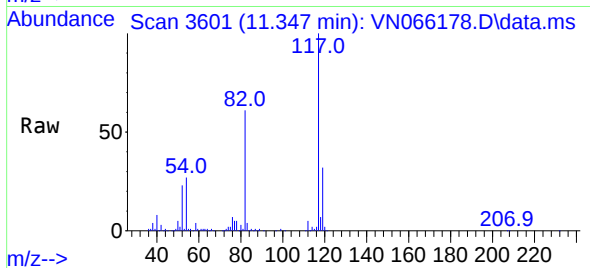
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.347 min Scan# 3601  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:117 Resp: 550586  
Ion Ratio Lower Upper  
117 100  
82 61.3 49.0 73.6  
119 32.1 25.7 38.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

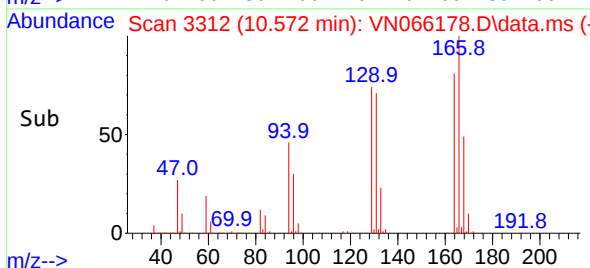
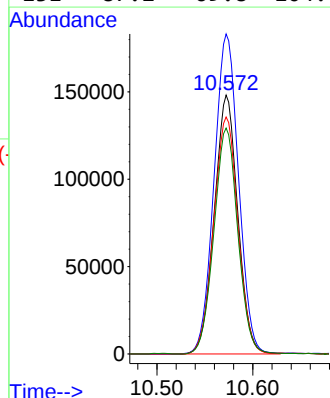
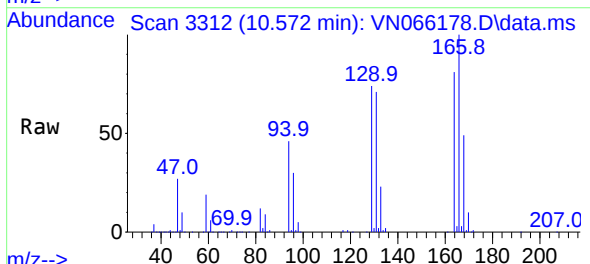
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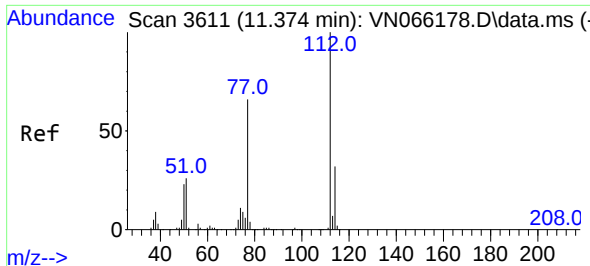
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#64  
Tetrachloroethene  
Concen: 50.00 ug/l  
RT: 10.572 min Scan# 3312  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

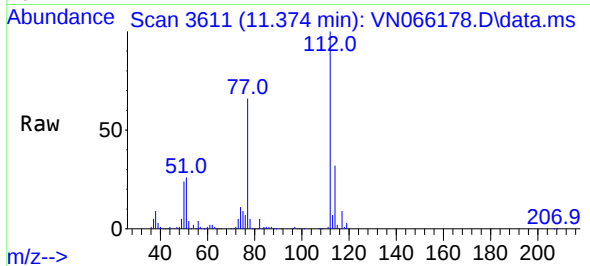
Tgt Ion:164 Resp: 252490  
Ion Ratio Lower Upper  
164 100  
166 123.6 98.9 148.3  
129 91.5 73.2 109.8  
131 87.2 69.8 104.6





#65  
Chlorobenzene  
Concen: 50.00 ug/l  
RT: 11.374 min Scan# 3611  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

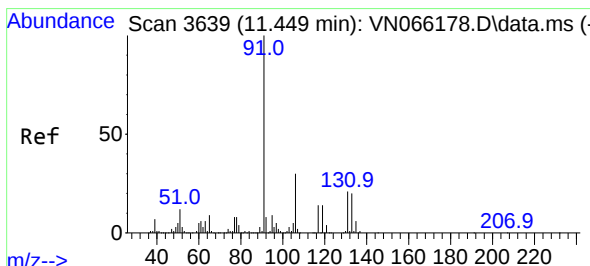
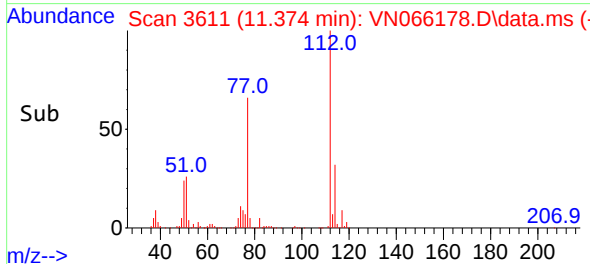
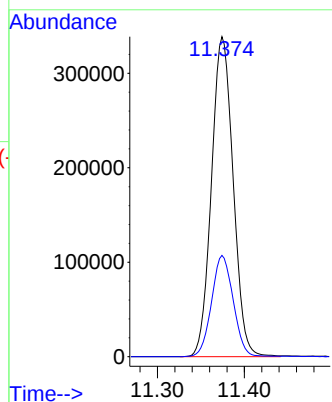
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



Tgt Ion:112 Resp: 587031  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.4 38.0

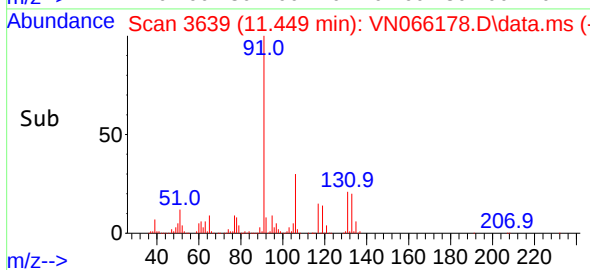
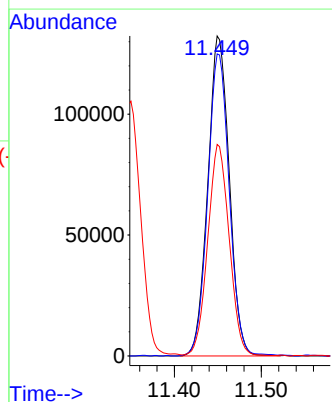
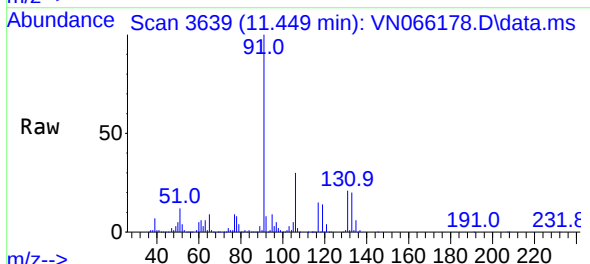
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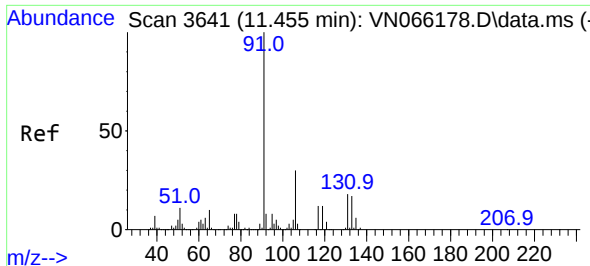
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.00 ug/l  
RT: 11.449 min Scan# 3639  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:131 Resp: 226817  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.5 142.5  
119 66.1 33.1 99.2





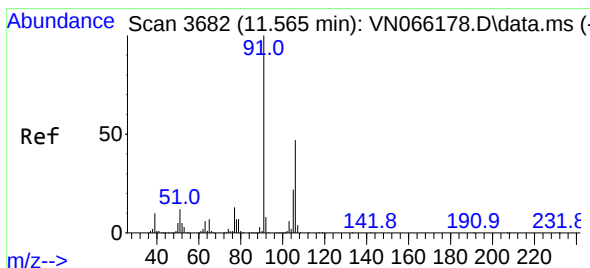
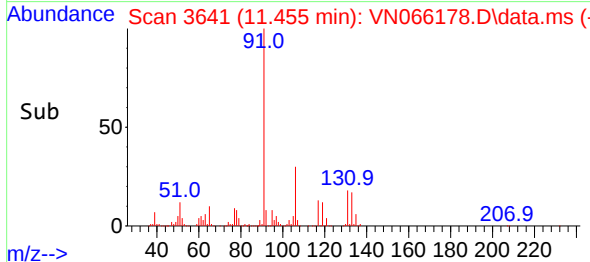
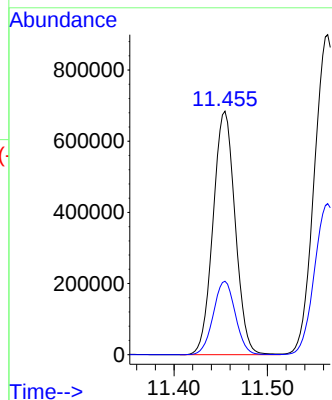
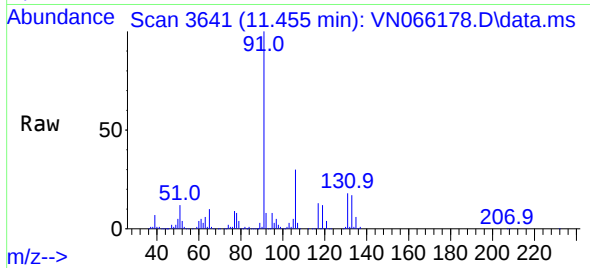
#67  
Ethyl Benzene  
Concen: 50.00 ug/l  
RT: 11.455 min Scan# 3641  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 91 Resp: 1125886  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.2 36.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

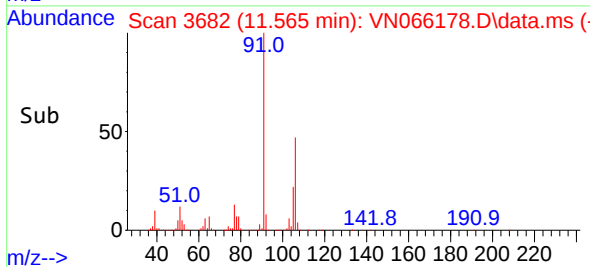
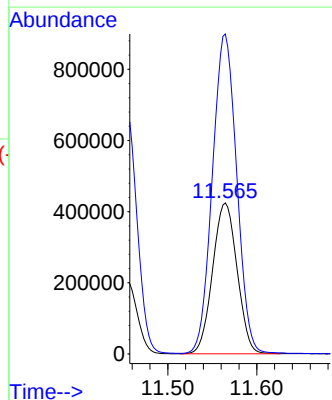
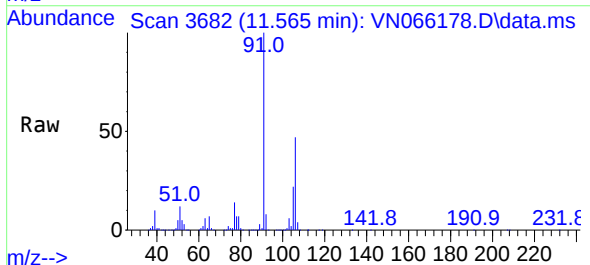
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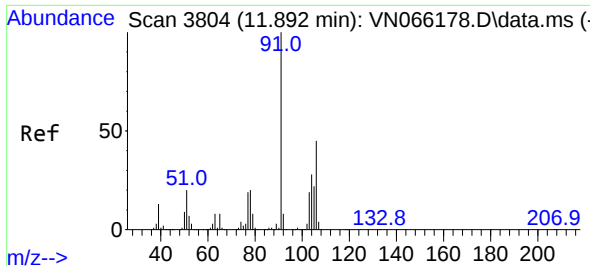
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#68  
m/p-Xylenes  
Concen: 100.00 ug/l  
RT: 11.565 min Scan# 3682  
Delta R.T. 0.001 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

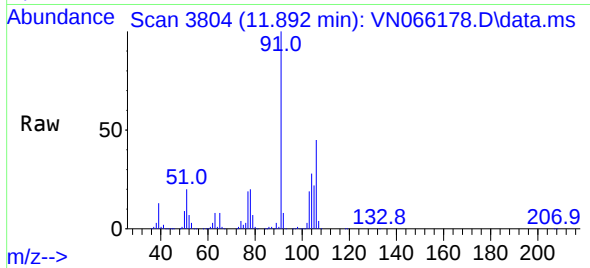
Tgt Ion:106 Resp: 810456  
Ion Ratio Lower Upper  
106 100  
91 210.3 168.2 252.4





#69  
o-Xylene  
Concen: 50.00 ug/l  
RT: 11.892 min Scan# 3804  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

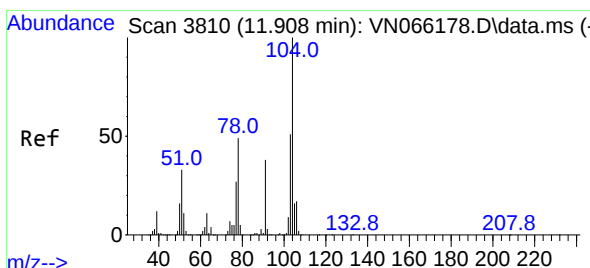
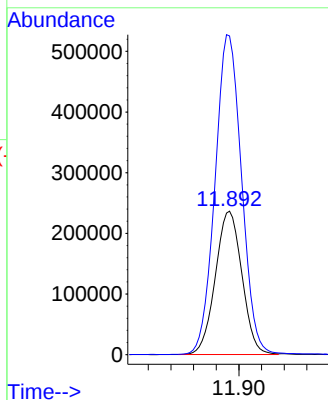
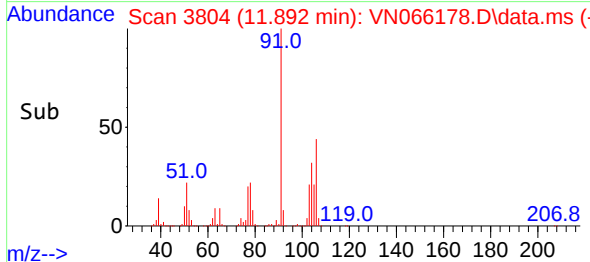
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



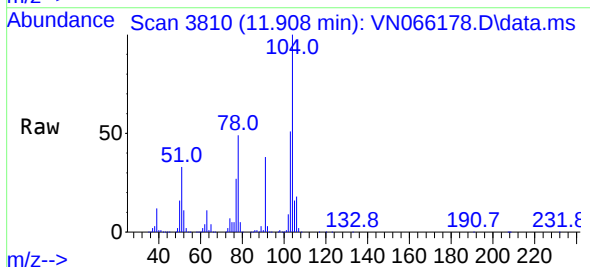
Tgt Ion:106 Resp: 385121  
Ion Ratio Lower Upper  
106 100  
91 223.5 111.8 335.3

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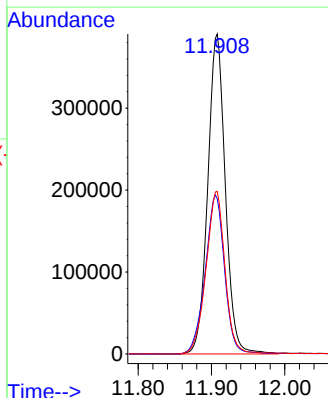
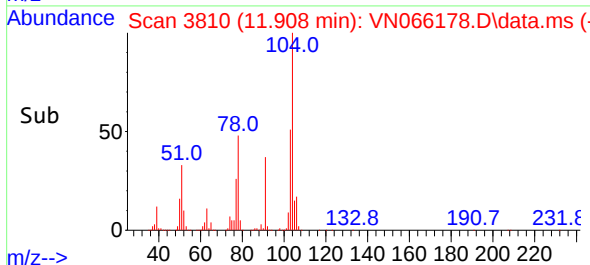
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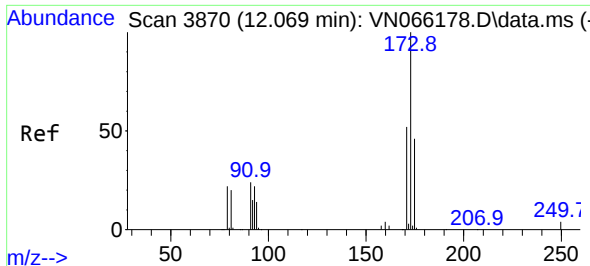


#70  
Styrene  
Concen: 50.00 ug/l  
RT: 11.908 min Scan# 3810  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



Tgt Ion:104 Resp: 651310  
Ion Ratio Lower Upper  
104 100  
78 54.7 43.8 65.6  
103 54.6 43.7 65.5





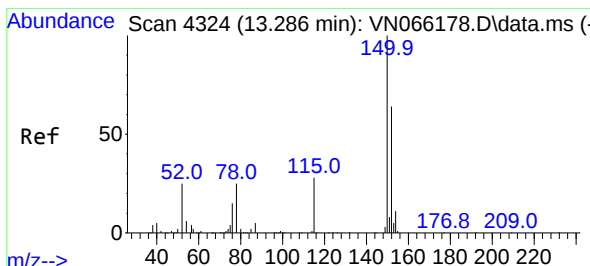
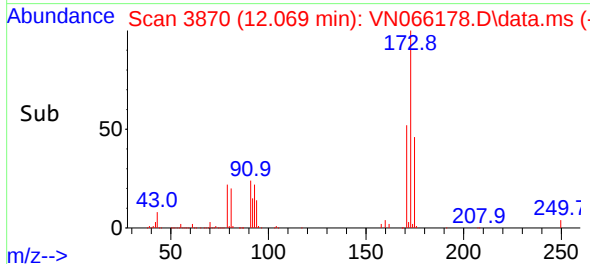
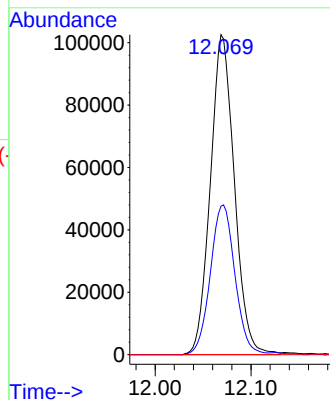
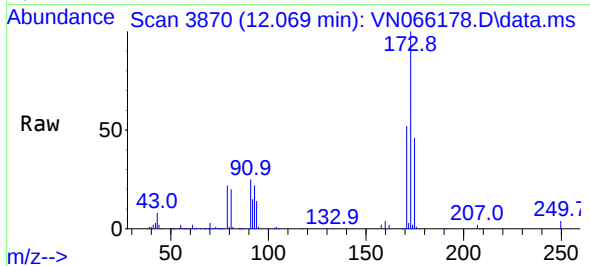
#71  
Bromoform  
Concen: 50.00 ug/l  
RT: 12.069 min Scan# 3870  
Delta R.T. -0.002 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:173 Resp: 178627  
Ion Ratio Lower Upper  
173 100  
175 47.9 23.9 71.8  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

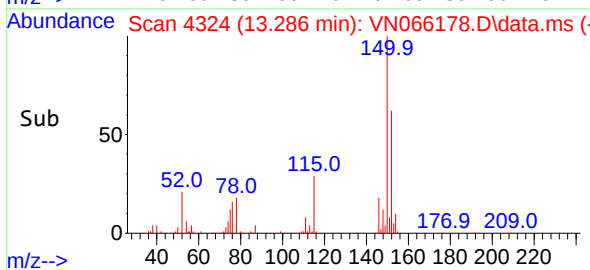
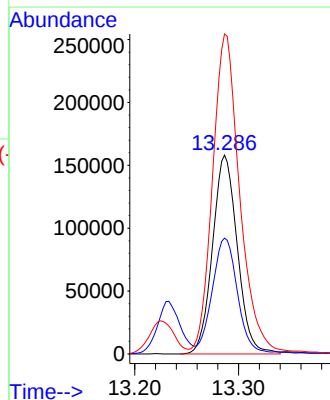
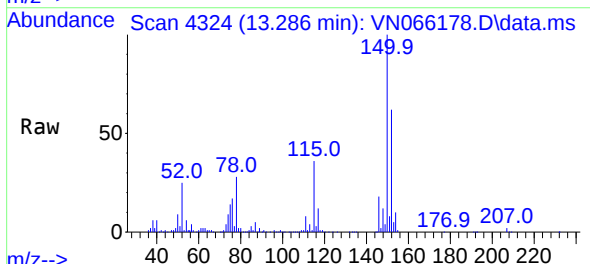
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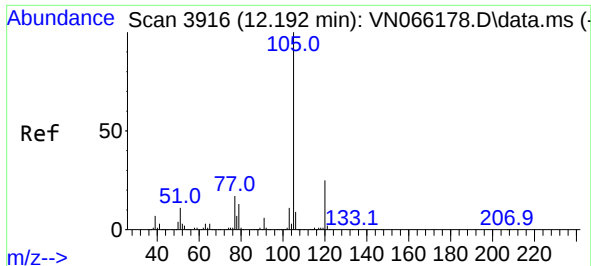
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.286 min Scan# 4324  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

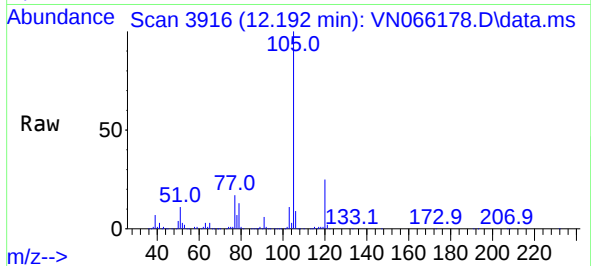
Tgt Ion:152 Resp: 262619  
Ion Ratio Lower Upper  
152 100  
115 58.9 29.4 88.3  
150 176.1 0.0 352.2





#73  
Isopropylbenzene  
Concen: 50.00 ug/l  
RT: 12.192 min Scan# 3916  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

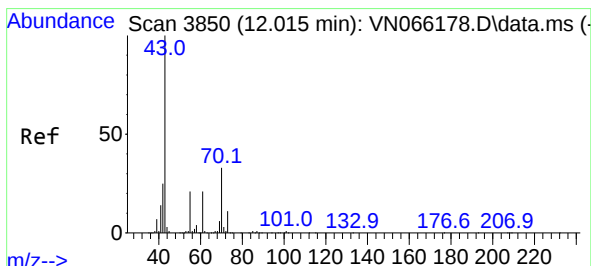
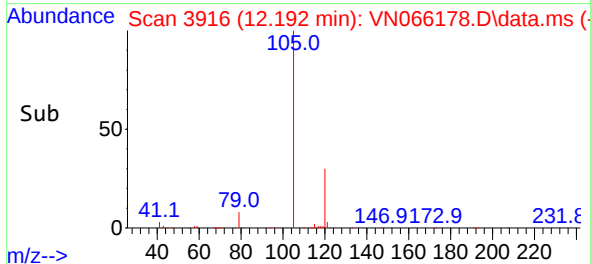
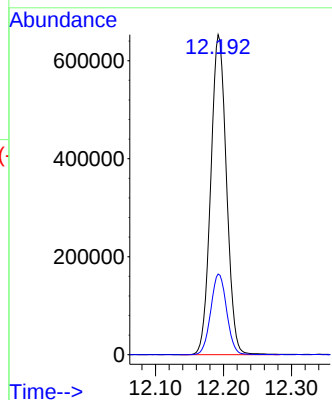
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ClientSampleId :  
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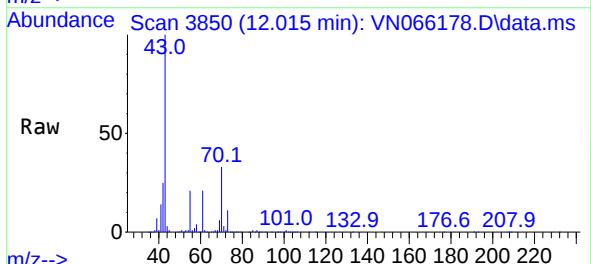
Tgt Ion:105 Resp: 1049226  
Ion Ratio Lower Upper  
105 100  
120 25.5 12.8 38.3

Manual Integrations  
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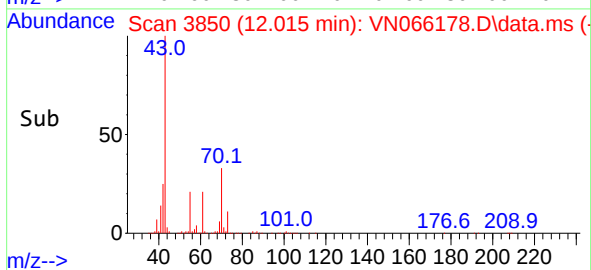
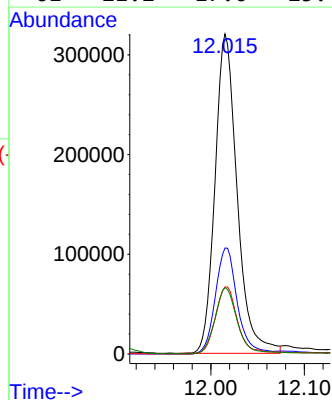
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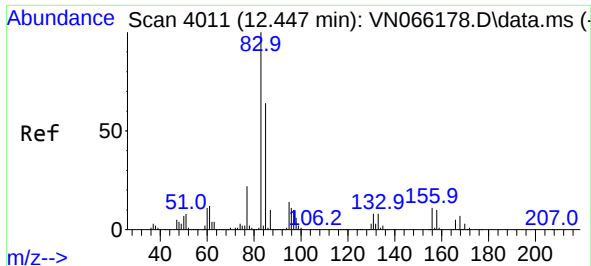


#74  
N-ethyl acetate  
Concen: 50.00 ug/l  
RT: 12.015 min Scan# 3850  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



Tgt Ion: 43 Resp: 528187  
Ion Ratio Lower Upper  
43 100  
70 32.8 26.2 39.4  
55 21.5 17.2 25.8  
61 21.2 17.0 25.4





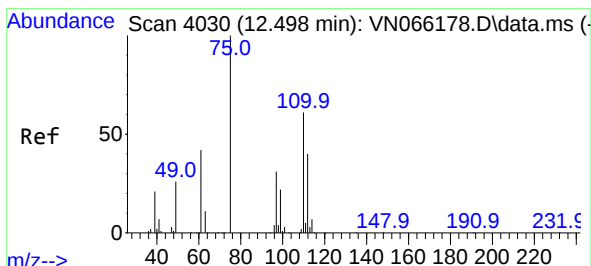
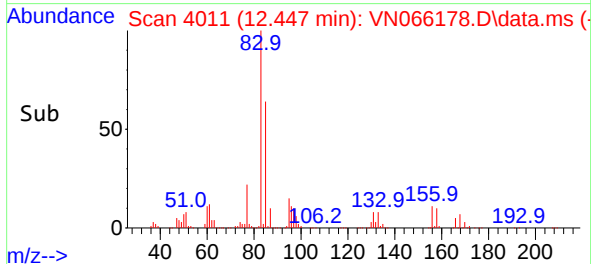
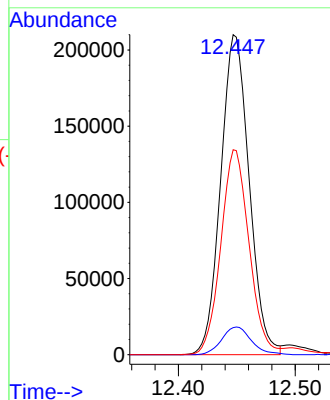
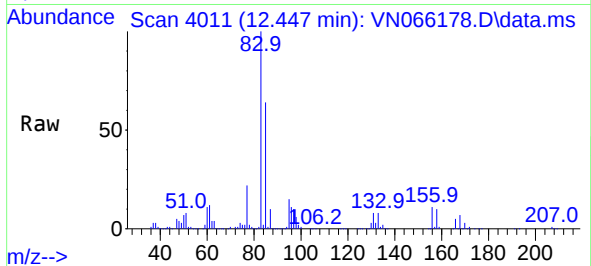
#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.00 ug/l  
RT: 12.447 min Scan# 4011  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 83 Resp: 355446  
Ion Ratio Lower Upper  
83 100  
131 9.0 4.5 13.5  
85 63.6 31.8 95.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

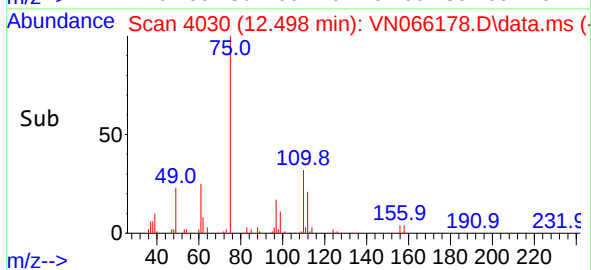
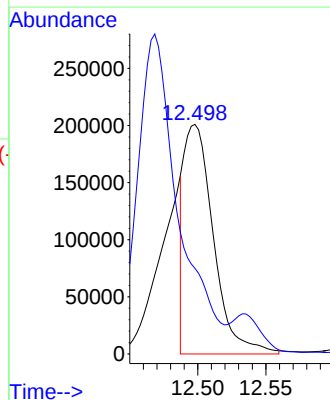
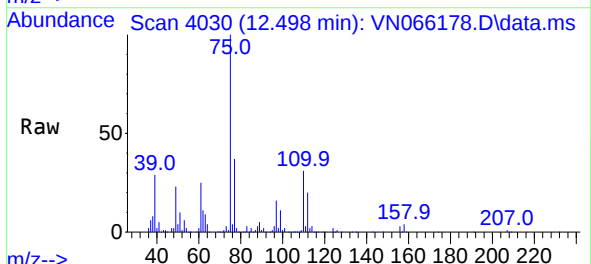
Manual Integrations  
APPROVED

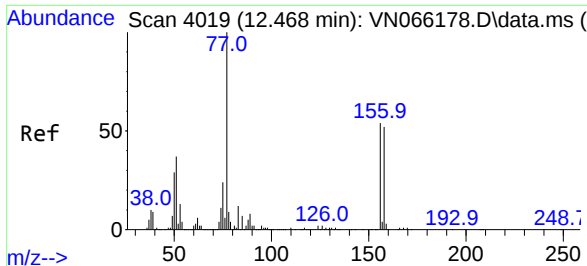
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#76  
1,2,3-Trichloropropane  
Concen: 45.00 ug/l m  
RT: 12.498 min Scan# 4030  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 75 Resp: 301194  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





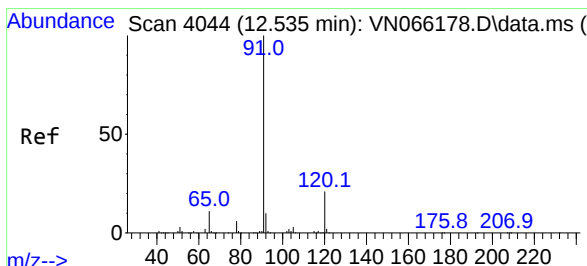
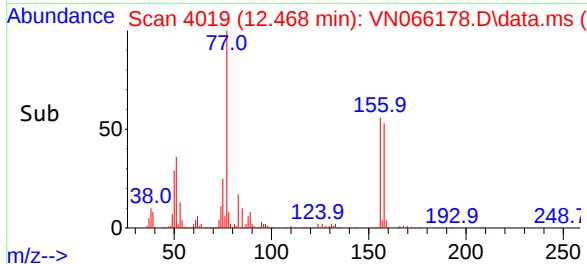
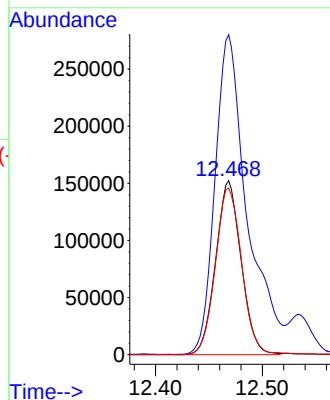
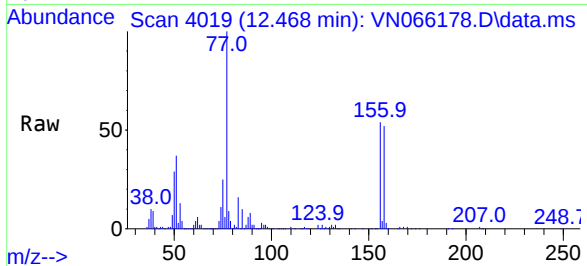
#77  
Bromobenzene  
Concen: 50.00 ug/l  
RT: 12.468 min Scan# 4019  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:156 Resp: 252594  
Ion Ratio Lower Upper  
156 100  
77 230.9 115.5 346.4  
158 98.8 49.4 148.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

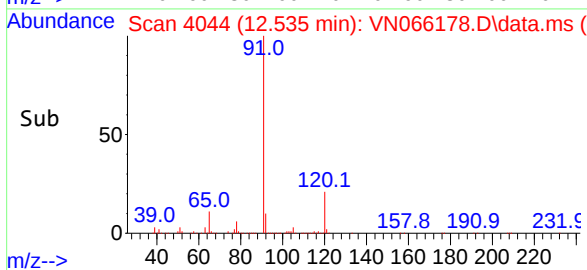
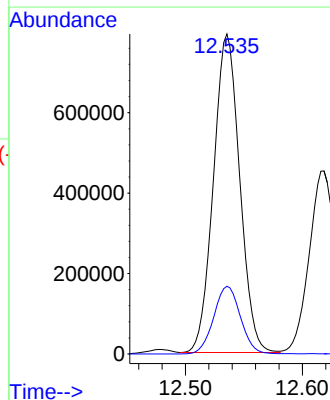
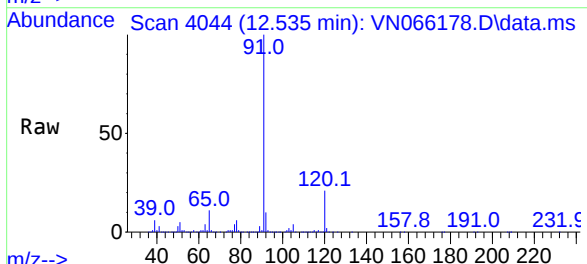
Manual Integrations  
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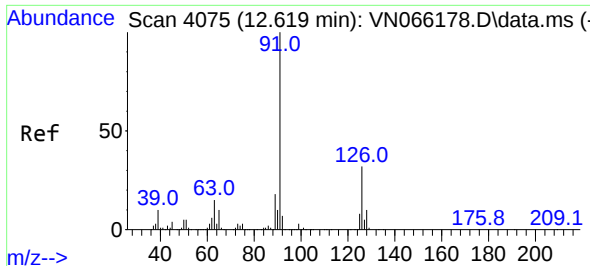
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#78  
n-propylbenzene  
Concen: 50.00 ug/l  
RT: 12.535 min Scan# 4044  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

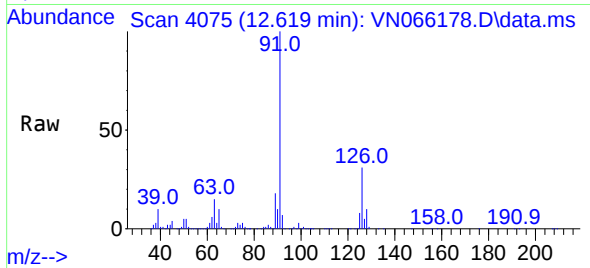
Tgt Ion: 91 Resp: 1236151  
Ion Ratio Lower Upper  
91 100  
120 21.6 10.8 32.4





#79  
2-Chlorotoluene  
Concen: 50.00 ug/l  
RT: 12.619 min Scan# 4075  
Delta R.T. 0.001 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

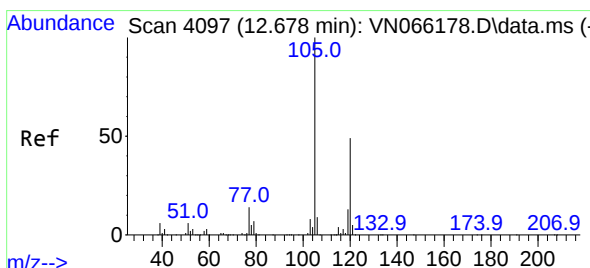
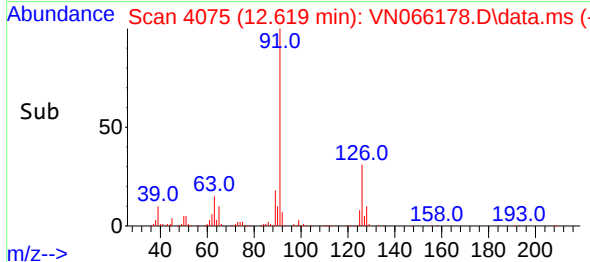
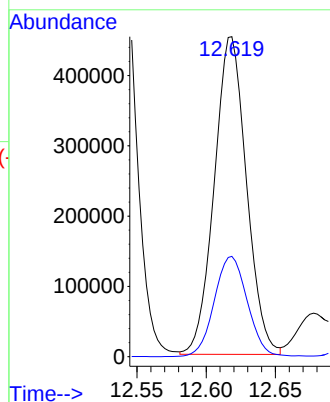
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 91 Resp: 730865  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.3 48.8

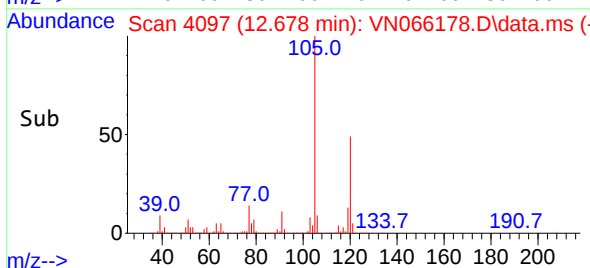
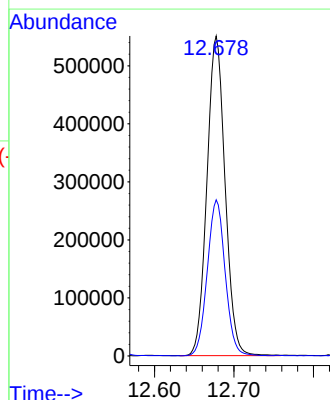
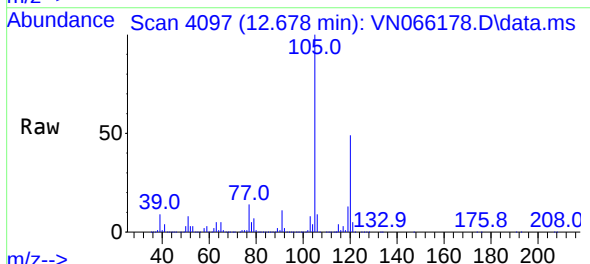
Manual Integrations  
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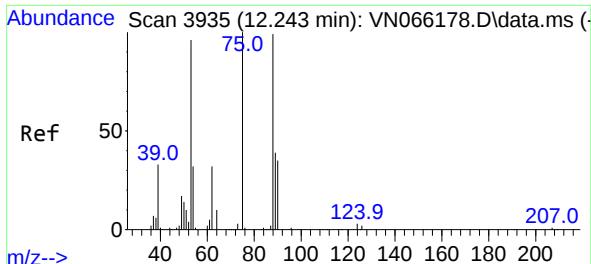
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#80  
1,3,5-Trimethylbenzene  
Concen: 50.00 ug/l  
RT: 12.678 min Scan# 4097  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

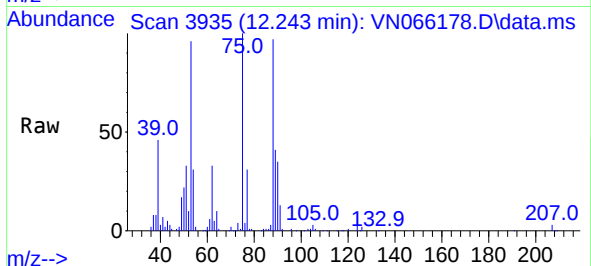
Tgt Ion: 105 Resp: 873759  
Ion Ratio Lower Upper  
105 100  
120 47.9 23.9 71.8





#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.00 ug/l  
RT: 12.243 min Scan# 3935  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

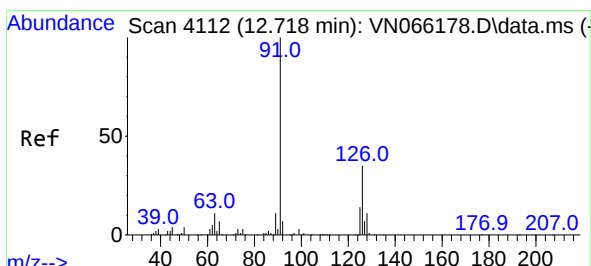
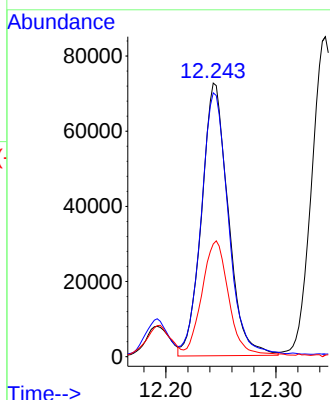
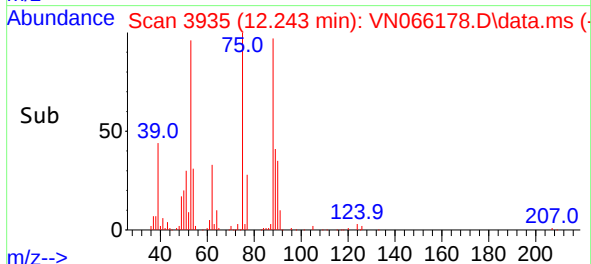
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



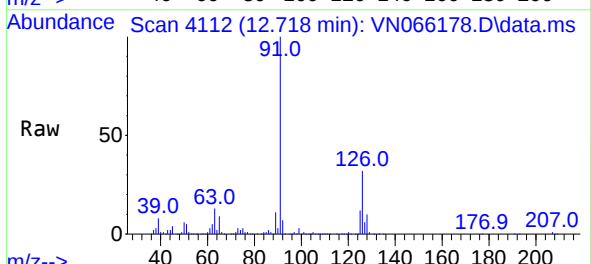
Tgt Ion: 75 Resp: 122179  
Ion Ratio Lower Upper  
75 100  
53 97.2 77.8 116.6  
89 42.1 33.7 50.5

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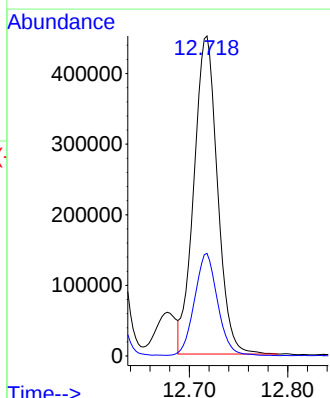
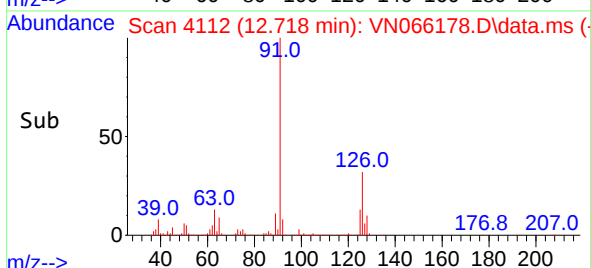
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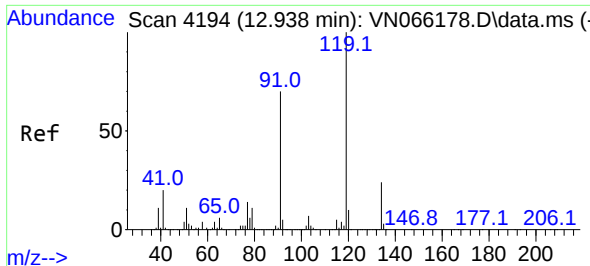


#82  
4-Chlorotoluene  
Concen: 50.00 ug/l  
RT: 12.718 min Scan# 4112  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



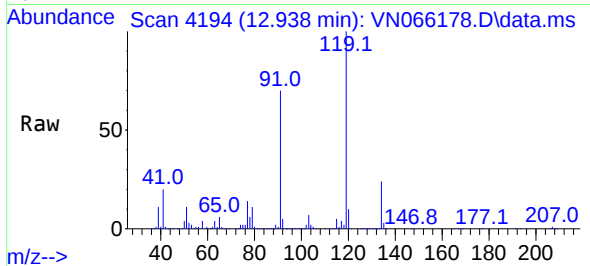
Tgt Ion: 91 Resp: 750740  
Ion Ratio Lower Upper  
91 100  
126 31.4 15.7 47.1





#83  
tert-Butylbenzene  
Concen: 50.00 ug/l  
RT: 12.938 min Scan# 4194  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

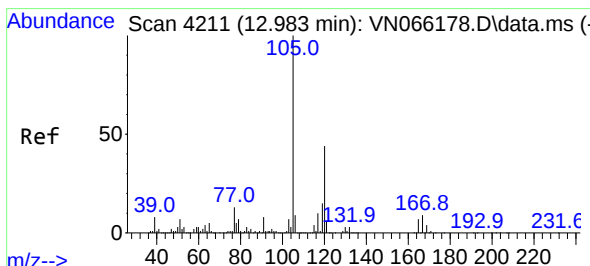
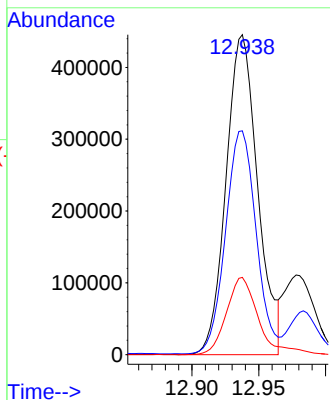
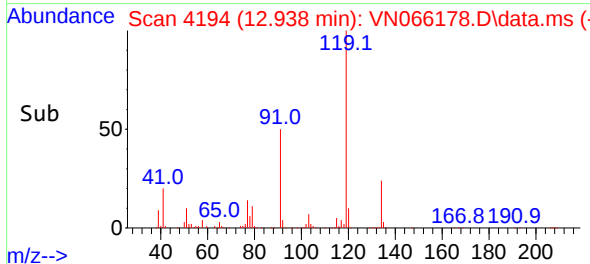
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



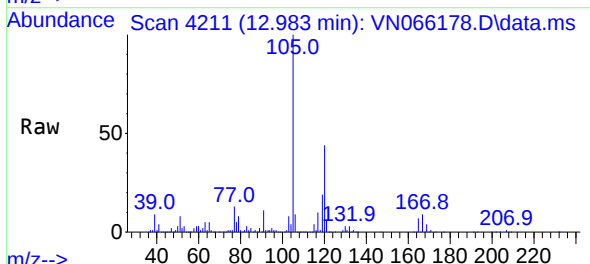
Tgt Ion:119 Resp: 735036  
Ion Ratio Lower Upper  
119 100  
91 67.4 33.7 101.1  
134 24.6 12.3 36.9

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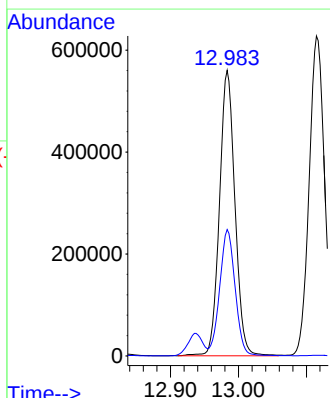
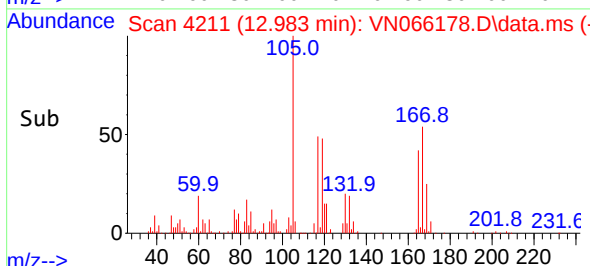
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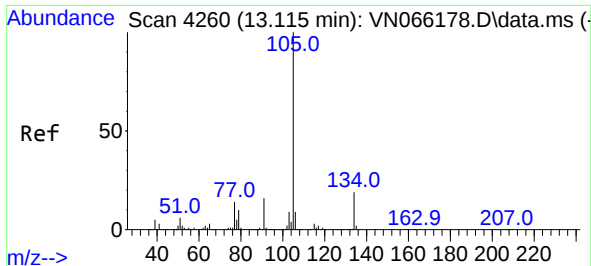


#84  
1,2,4-Trimethylbenzene  
Concen: 50.00 ug/l  
RT: 12.983 min Scan# 4211  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



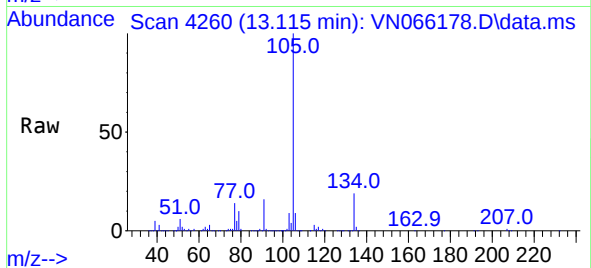
Tgt Ion:105 Resp: 884542  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.1 66.5





#85  
sec-Butylbenzene  
Concen: 50.00 ug/l  
RT: 13.115 min Scan# 4260  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

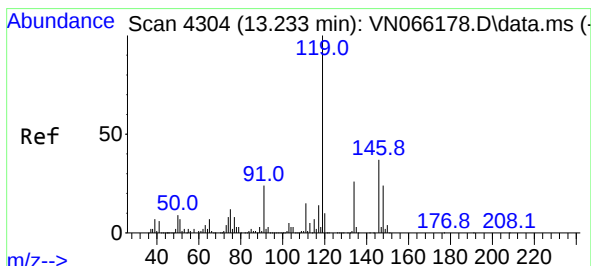
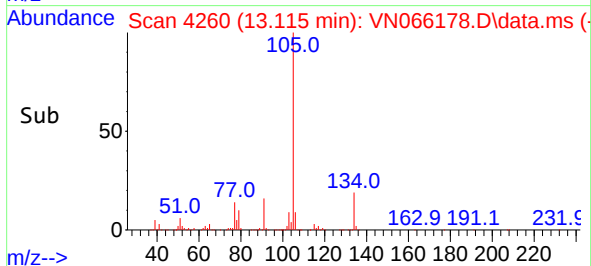
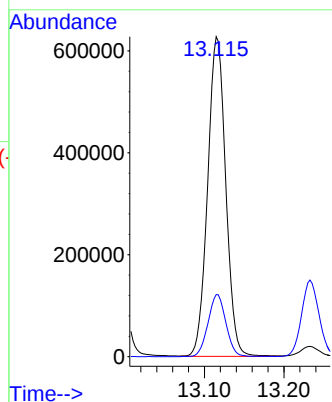
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



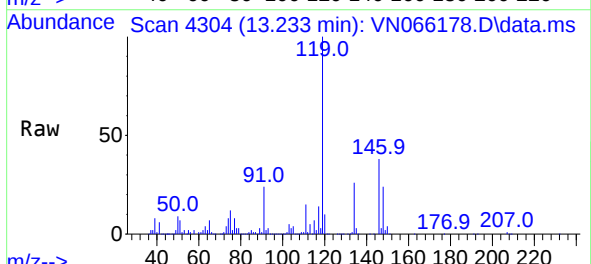
Tgt Ion:105 Resp: 992697  
Ion Ratio Lower Upper  
105 100  
134 19.2 9.6 28.8

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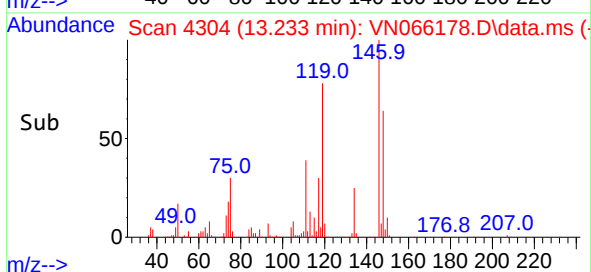
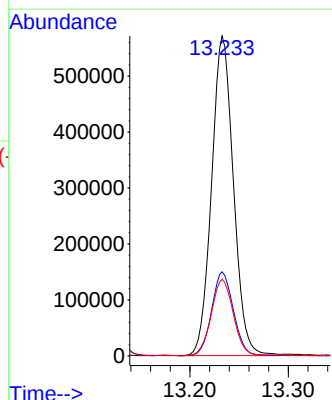
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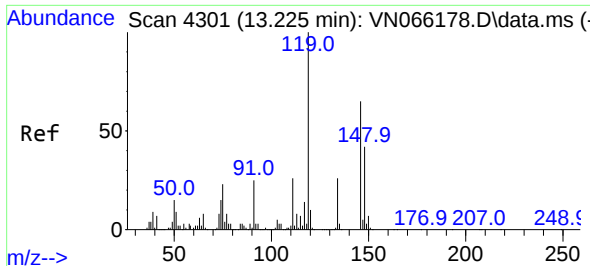


#86  
p-Isopropyltoluene  
Concen: 50.00 ug/l  
RT: 13.233 min Scan# 4304  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



Tgt Ion:119 Resp: 880344  
Ion Ratio Lower Upper  
119 100  
134 26.1 13.1 39.1  
91 24.0 12.0 36.0





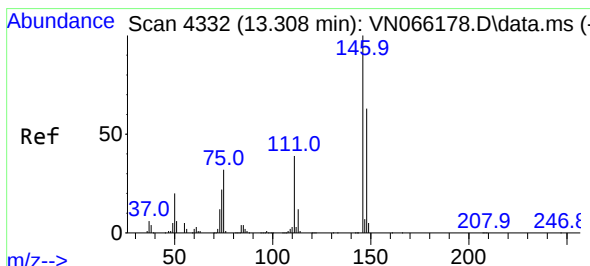
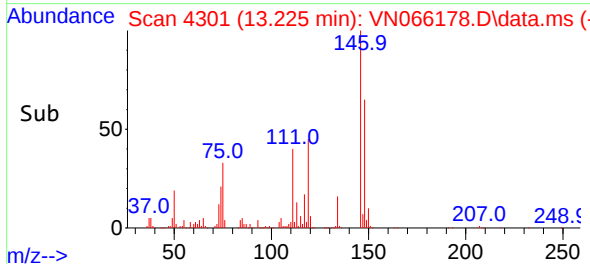
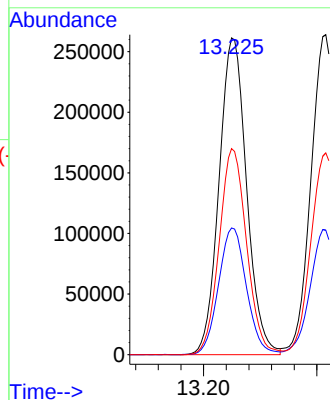
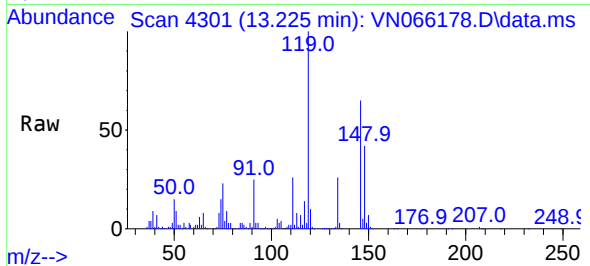
#87  
1,3-Dichlorobenzene  
Concen: 50.00 ug/l  
RT: 13.225 min Scan# 4301  
Delta R.T. -0.002 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:146 Resp: 440921  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.3 61.0  
148 64.8 32.4 97.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

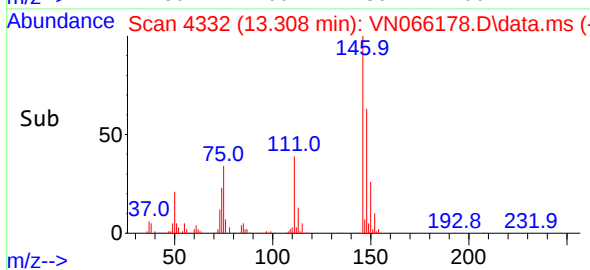
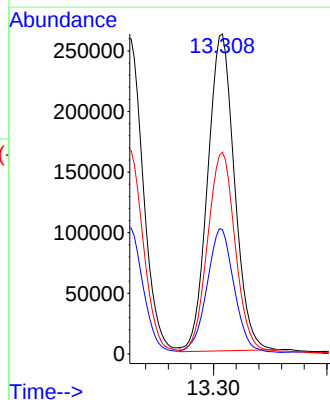
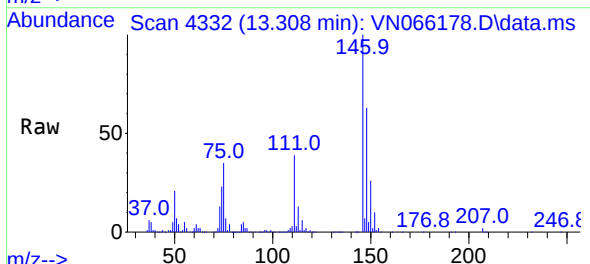
Manual Integrations  
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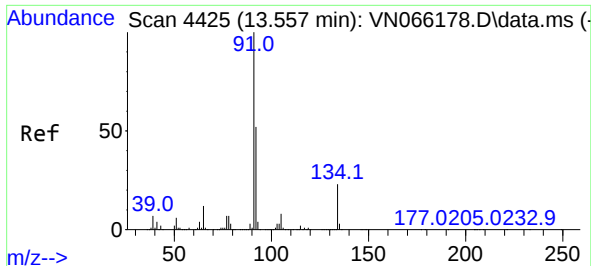
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3/15/2021 12:41:19 PM



#88  
1,4-Dichlorobenzene  
Concen: 50.00 ug/l  
RT: 13.308 min Scan# 4332  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:146 Resp: 430149  
Ion Ratio Lower Upper  
146 100  
111 39.8 19.9 59.7  
148 66.4 33.2 99.6





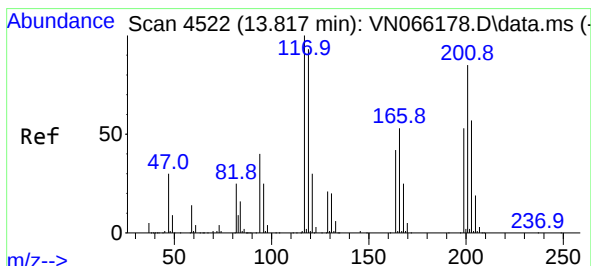
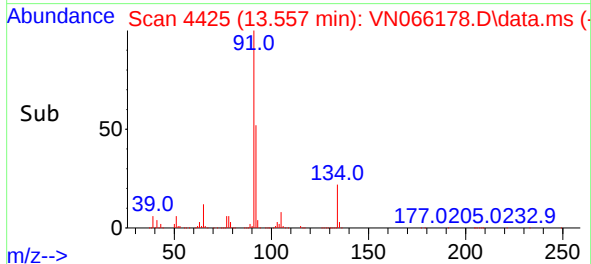
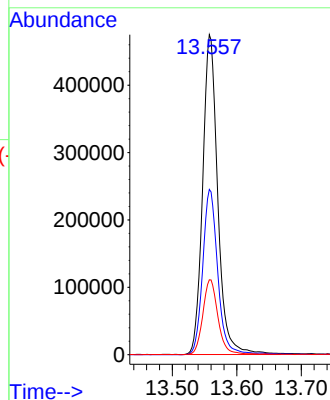
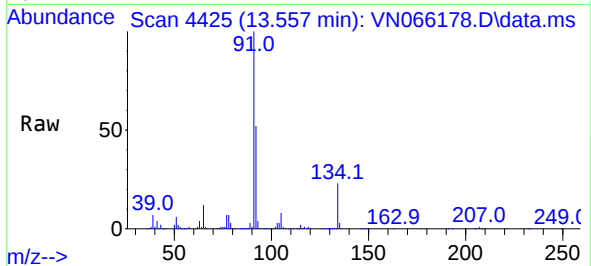
#89  
n-Butylbenzene  
Concen: 50.00 ug/l  
RT: 13.557 min Scan# 4425  
Delta R.T. -0.003 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion: 91 Resp: 772770  
Ion Ratio Lower Upper  
91 100  
92 51.3 25.7 77.0  
134 23.6 11.8 35.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

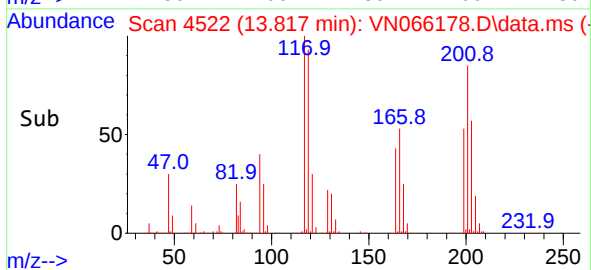
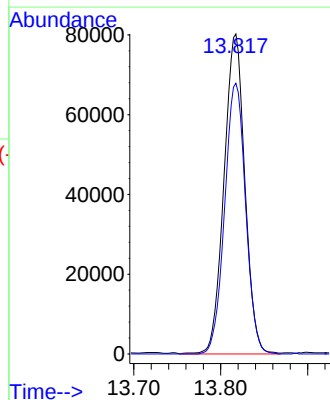
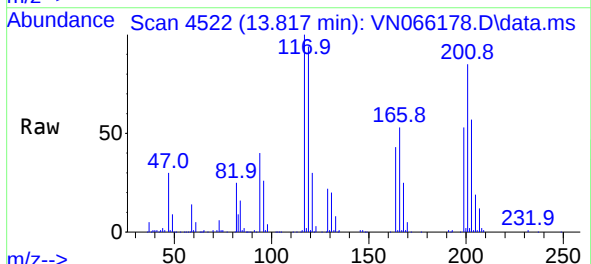
Manual Integrations  
APPROVED

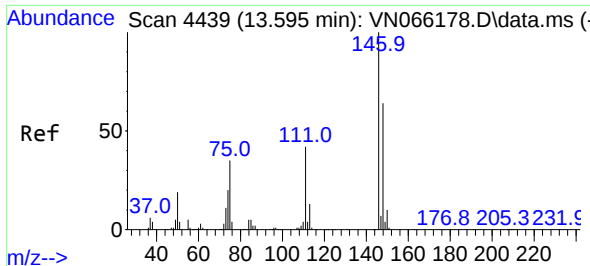
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#90  
Hexachloroethane  
Concen: 50.00 ug/l  
RT: 13.817 min Scan# 4522  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

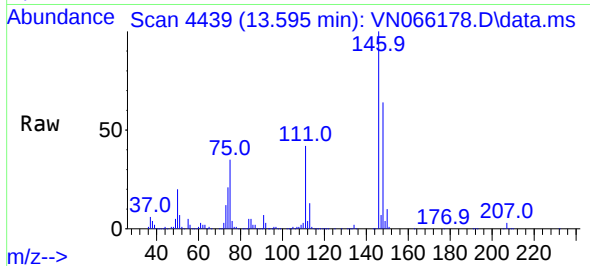
Tgt Ion: 117 Resp: 133667  
Ion Ratio Lower Upper  
117 100  
201 85.0 42.5 127.5





#91  
1,2-Dichlorobenzene  
Concen: 50.00 ug/l  
RT: 13.595 min Scan# 4439  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

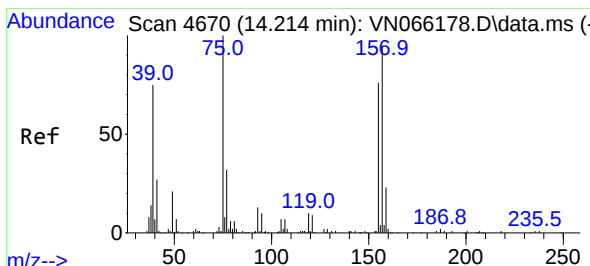
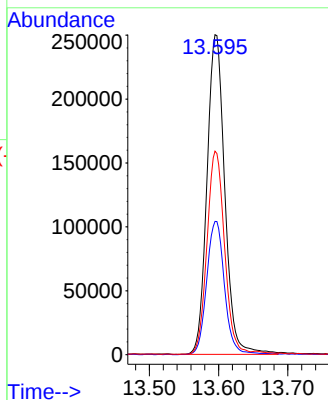
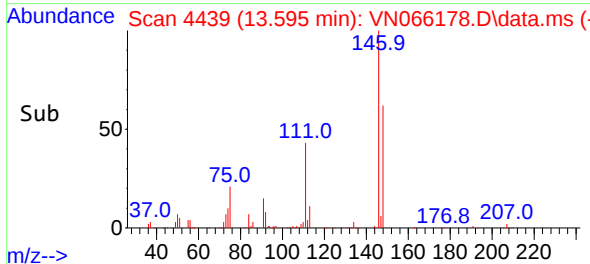
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



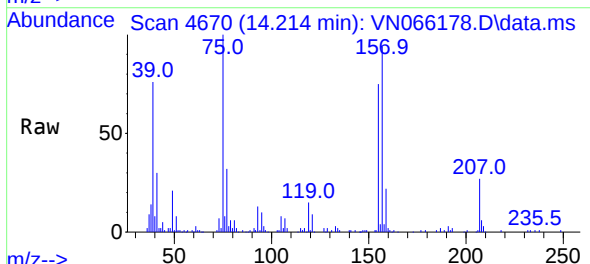
Tgt Ion:146 Resp: 448063  
Ion Ratio Lower Upper  
146 100  
111 41.8 20.9 62.7  
148 62.4 31.2 93.6

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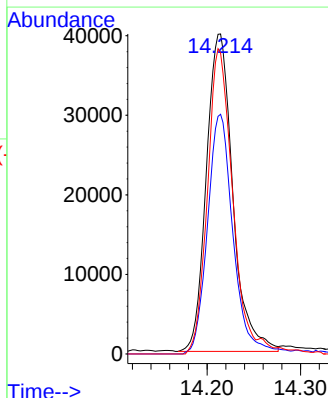
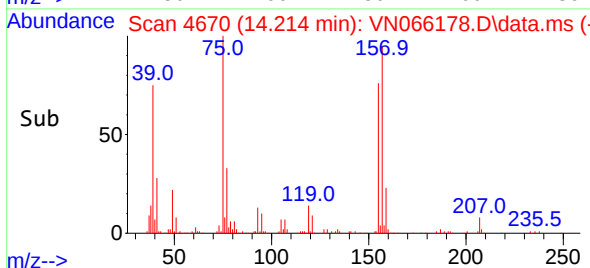
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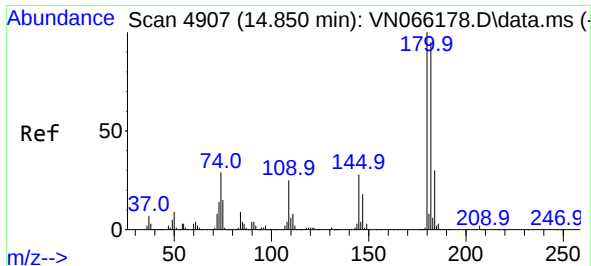


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.00 ug/l  
RT: 14.214 min Scan# 4670  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42



Tgt Ion: 75 Resp: 78395  
Ion Ratio Lower Upper  
75 100  
155 73.1 36.5 109.7  
157 92.5 46.3 138.8





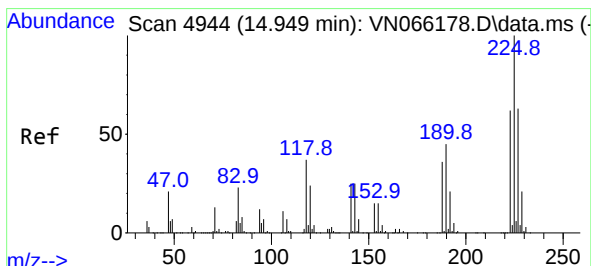
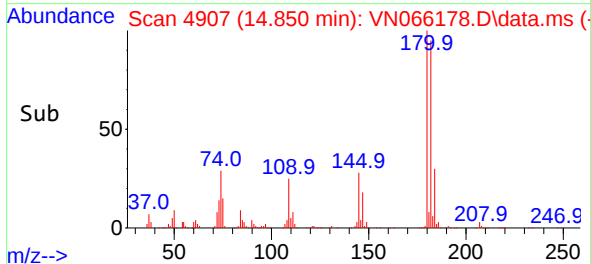
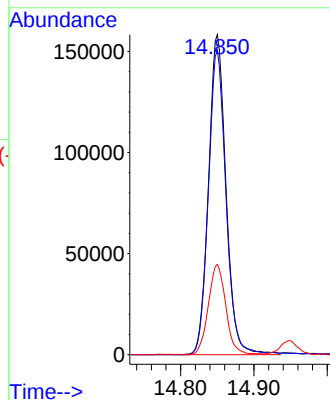
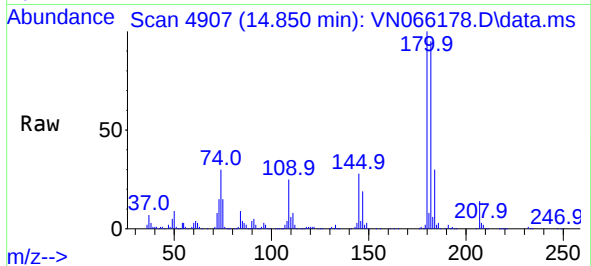
#93  
1,2,4-Trichlorobenzene  
Concen: 50.00 ug/l  
RT: 14.850 min Scan# 4907  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:180 Resp: 263188  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.4 142.2  
145 28.2 14.1 42.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

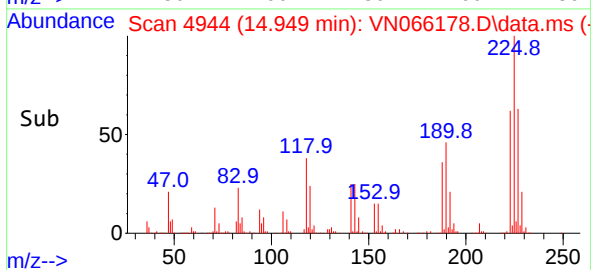
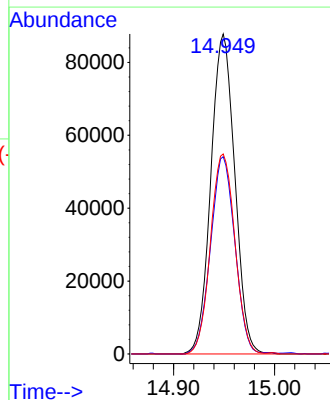
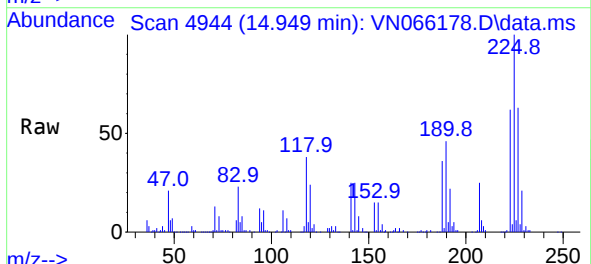
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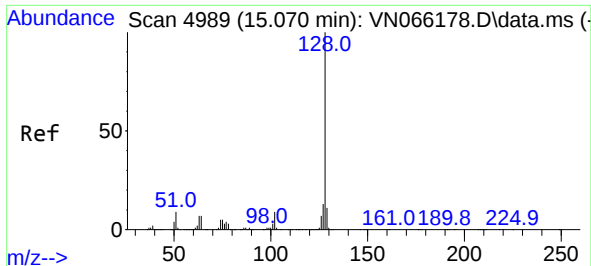
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#94  
Hexachlorobutadiene  
Concen: 50.00 ug/l  
RT: 14.949 min Scan# 4944  
Delta R.T. 0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:225 Resp: 144364  
Ion Ratio Lower Upper  
225 100  
223 62.5 31.3 93.8  
227 63.8 31.9 95.7





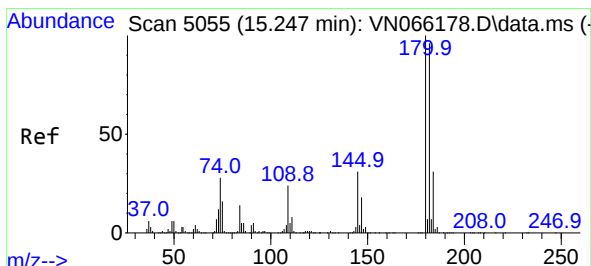
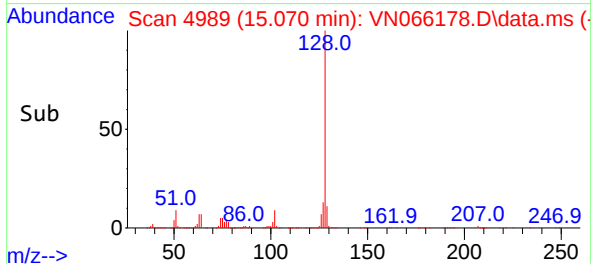
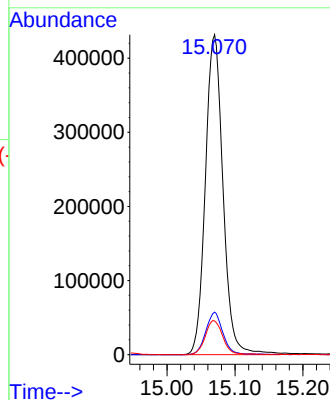
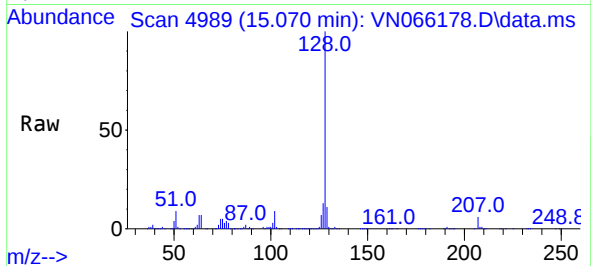
#95  
Naphthalene  
Concen: 50.00 ug/l  
RT: 15.070 min Scan# 4989  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:128 Resp: 779391  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.5 8.4 12.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 50.00 ug/l  
RT: 15.247 min Scan# 5055  
Delta R.T. -0.000 min  
Lab File: VN066178.D  
Acq: 12 Mar 2021 10:42

Tgt Ion:180 Resp: 267503  
Ion Ratio Lower Upper  
180 100  
182 95.9 47.9 143.8  
145 31.2 15.6 46.8

