

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090721\  
 Data File : VN068423.D  
 Acq On : 7 Sep 2021 15:18  
 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/8/2021 8:15:59 PM

Quant Time: Sep 08 10:40:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 08 10:37:09 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 8.091          | 168  | 674162     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.971          | 114  | 948482     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.746         | 117  | 896136     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.675         | 152  | 474798     | 50.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.440          | 65   | 309440     | 45.811   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = | 91.620%  |        |          |
| 35) Dibromofluoromethane     | 8.024          | 113  | 299527     | 50.228   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = | 100.460% |        |          |
| 50) Toluene-d8               | 10.443         | 98   | 1129151    | 50.992   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = | 101.980% |        |          |
| 62) 4-Bromofluorobenzene     | 12.733         | 95   | 368459     | 51.160   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = | 102.320% |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.078          | 85   | 266549     | 47.613   | ug/l   | 100      |
| 3) Chloromethane             | 2.309          | 50   | 246426     | 42.440   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.448          | 62   | 389893     | 44.145   | ug/l   | 100      |
| 5) Bromomethane              | 2.840          | 94   | 351110     | 41.259   | ug/l   | 100      |
| 6) Chloroethane              | 3.011          | 64   | 281005     | 44.160   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.373          | 101  | 486911     | 29.246   | ug/l   | 100      |
| 8) Diethyl Ether             | 3.832          | 74   | 154105     | 32.484   | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.218          | 101  | 275692     | 48.665   | ug/l   | 100      |
| 10) Methyl Iodide            | 4.427          | 142  | 429293     | 58.519   | ug/l   | 100      |
| 11) Tert butyl alcohol       | 5.374          | 59   | 216582     | 241.606  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.191          | 96   | 259892     | 49.055   | ug/l   | 100      |
| 13) Acrolein                 | 4.047          | 56   | 109251     | 192.934  | ug/l   | 100      |
| 14) Allyl chloride           | 4.848          | 41   | 330701     | 49.780   | ug/l   | 100      |
| 15) Acrylonitrile            | 5.556          | 53   | 577699     | 236.074  | ug/l   | 100      |
| 16) Acetone                  | 4.291          | 43   | 444557     | 198.526  | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.540          | 76   | 681272     | 47.961   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.856          | 43   | 273950     | 44.226   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.621          | 73   | 891341     | 52.096   | ug/l   | 100      |
| 20) Methylene Chloride       | 5.103          | 84   | 293283     | 41.443   | ug/l   | 100      |
| 21) trans-1,2-Dichloroethene | 5.605          | 96   | 295956     | 49.990   | ug/l   | 100      |
| 22) Diisopropyl ether        | 6.501          | 45   | 744626     | 51.498   | ug/l   | 100      |
| 23) Vinyl Acetate            | 6.436          | 43   | 2822858    | 254.462  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.393          | 63   | 475758     | 49.218   | ug/l   | 100      |
| 25) 2-Butanone               | 7.337          | 43   | 731068     | 233.774  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 7.329          | 77   | 434218     | 48.549   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.329          | 96   | 350266     | 50.726   | ug/l   | 100      |
| 28) Bromochloromethane       | 7.659          | 49   | 205509     | 50.464   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.686          | 42   | 496933     | 246.971  | ug/l   | 100      |
| 30) Chloroform               | 7.820          | 83   | 574560     | 49.606   | ug/l   | 100      |
| 31) Cyclohexane              | 8.099          | 56   | 445047     | 48.693   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 8.019          | 97   | 548410     | 51.258   | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 8.225          | 75   | 410061     | 53.955   | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.415          | 43   | 310569     | 49.574   | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 8.209          | 117  | 505488     | 55.490   | ug/l   | 100      |
| 39) Methylcyclohexane        | 9.464          | 83   | 535729     | 56.509   | ug/l   | 100      |
| 40) Benzene                  | 8.464          | 78   | 1225996    | 52.440   | ug/l   | 100      |

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 Sample : VSTDICCC050  
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

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 9/8/2021 8:15:59 PM

Quant Time: Sep 08 10:40:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 08 10:37:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 151482   | 51.285   | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 8.533  | 62   | 408114   | 52.045   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.563  | 43   | 543137   | 53.317   | ug/l   | 100      |
| 44) Trichloroethene           | 9.220  | 130  | 386004   | 53.131   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.494  | 63   | 287546   | 52.966   | ug/l   | 100      |
| 46) Dibromomethane            | 9.579  | 93   | 234795   | 53.162   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.764  | 83   | 450728   | 53.305   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.561  | 41   | 246082   | 55.342   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.571  | 88   | 106615   | 1031.036 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 1612169  | 256.136  | ug/l   | 100      |
| 52) Toluene                   | 10.507 | 92   | 848772   | 54.321   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.722 | 75   | 452906   | 54.349   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 488793   | 54.891   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.902 | 97   | 334918   | 52.797   | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.762 | 69   | 440891   | 56.784   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 505322   | 53.029   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 191458   | 177.640  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.087 | 43   | 1103006  | 253.173  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.240 | 129  | 418222   | 57.319   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 362014   | 54.265   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.982 | 164  | 424119   | 59.175   | ug/l   | 100      |
| 65) Chlorobenzene             | 11.773 | 112  | 962223   | 53.217   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 389978   | 55.237   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.848 | 91   | 1610169  | 54.552   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.956 | 106  | 1334202  | 112.068  | ug/l   | 100      |
| 69) o-Xylene                  | 12.283 | 106  | 645133   | 56.485   | ug/l   | 100      |
| 70) Styrene                   | 12.296 | 104  | 1022687  | 57.035   | ug/l   | 100      |
| 71) Bromoform                 | 12.460 | 173  | 335256   | 59.253   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.581 | 105  | 1668560  | 49.024   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.390 | 43   | 382506   | 45.676   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 433124   | 42.883   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 313022m  | 38.675   | ug/l   |          |
| 77) Bromobenzene              | 12.862 | 156  | 465779   | 48.474   | ug/l   | 100      |
| 78) n-propylbenzene           | 12.924 | 91   | 1790289  | 49.675   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 1045861  | 47.025   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 1381631  | 49.997   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 111219   | 46.933   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 1031980  | 47.955   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.326 | 119  | 1274876  | 50.239   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 1348629  | 49.965   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.503 | 105  | 1687299  | 50.697   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 1474914  | 53.418   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 830973   | 50.478   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 803928   | 49.104   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.946 | 91   | 1049484  | 50.594   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.211 | 117  | 250606   | 47.586   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 790210   | 50.523   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 76928    | 48.361   | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 423948   | 55.262   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.372 | 225  | 249411   | 54.869   | ug/l   | 100      |
| 95) Naphthalene               | 15.507 | 128  | 895709   | 48.932   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 398738   | 53.249   | ug/l   | 100      |

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Sample : VSTDICCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

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Quant Time: Sep 08 10:40:27 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 08 10:37:09 2021  
Response via : Initial Calibration

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

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

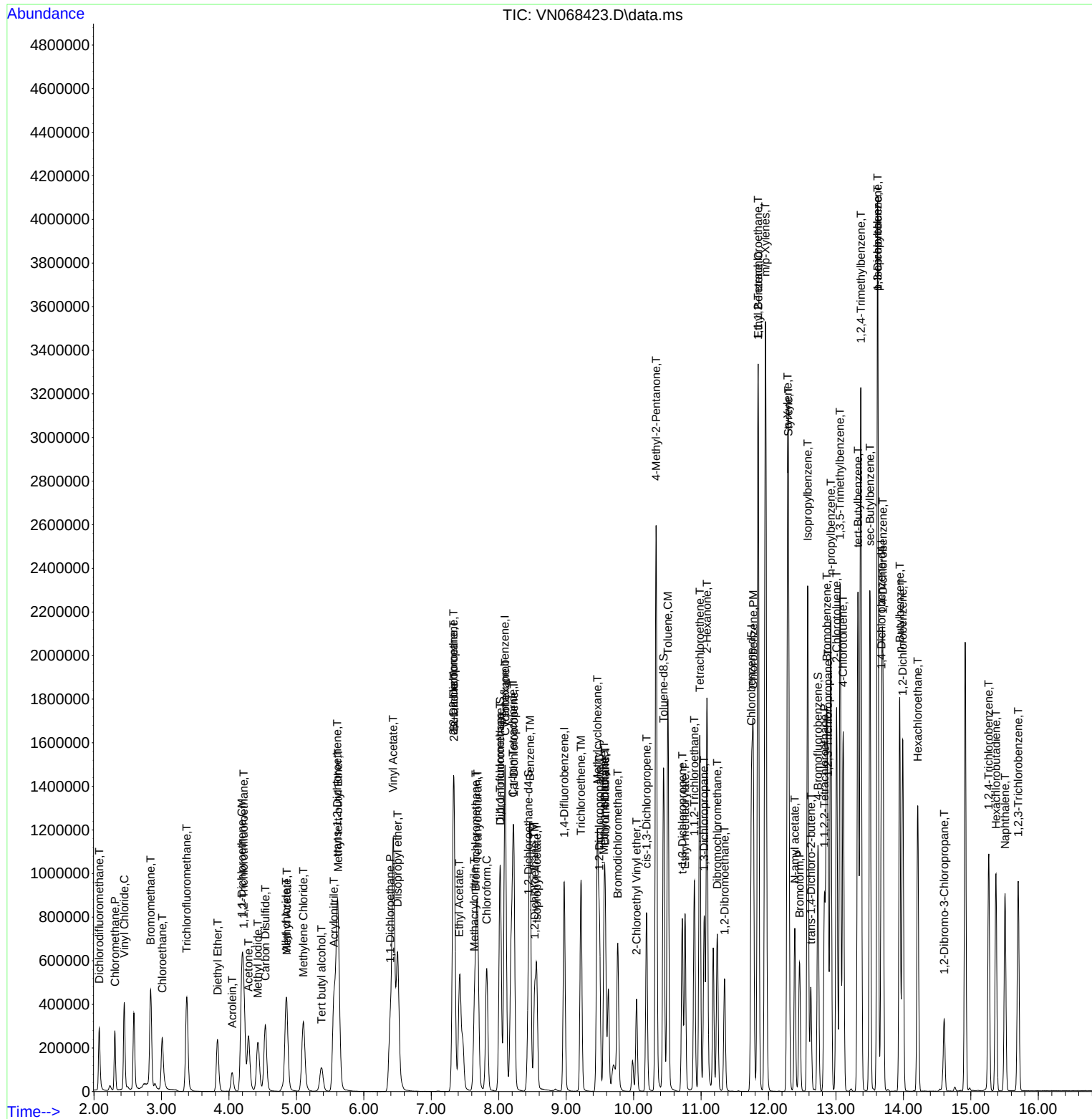
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Data File : VN068423.D  
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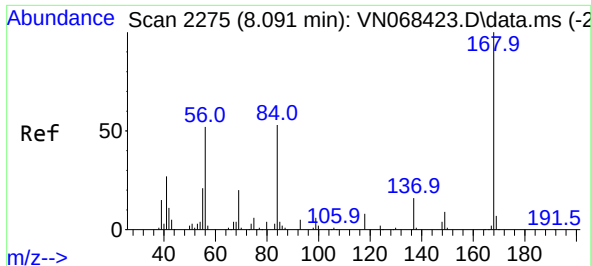
Instrument :  
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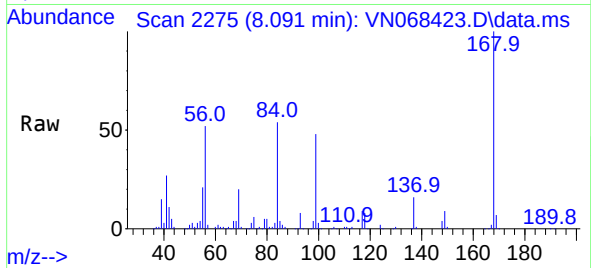
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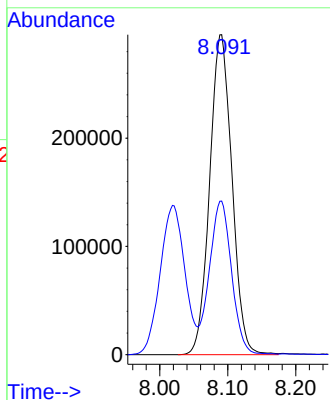
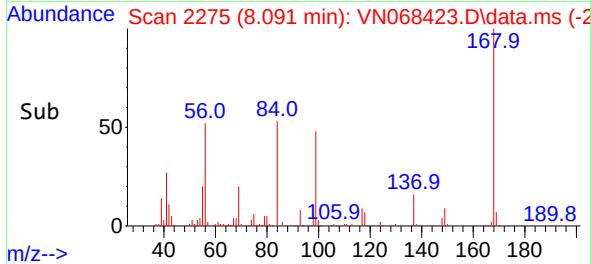




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.091 min Scan# 2275  
Delta R.T. -0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



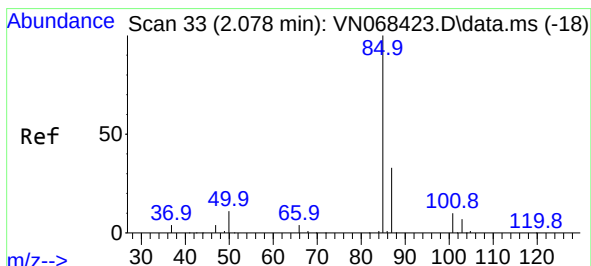
Tgt Ion: 168 Resp: 674162  
Ion Ratio Lower Upper  
168 100  
99 47.8 38.2 57.4



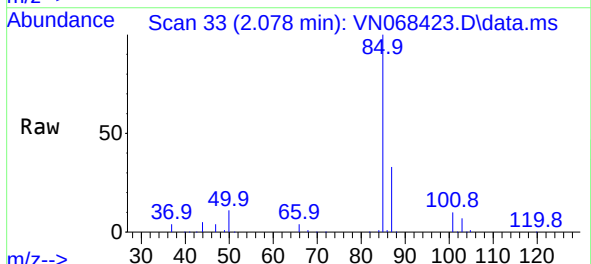
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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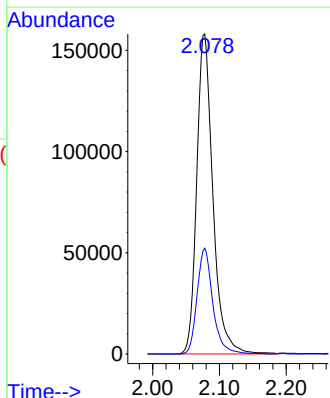
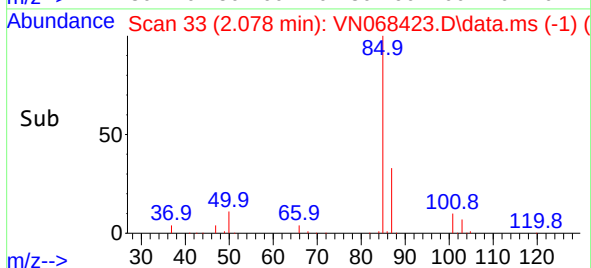
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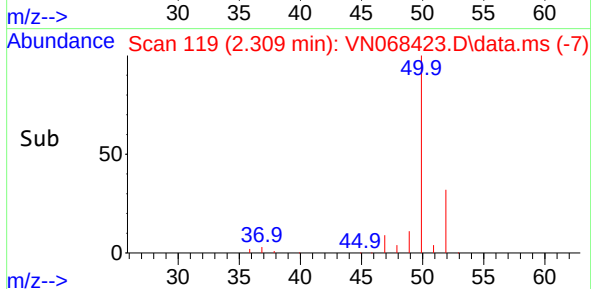
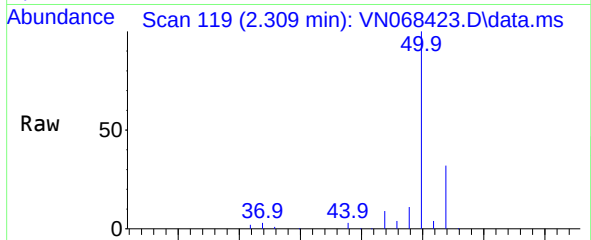
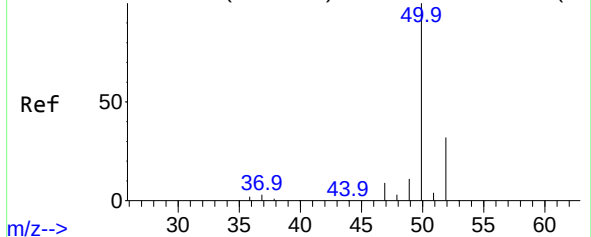
#2  
Dichlorodifluoromethane  
Concen: 47.613 ug/l  
RT: 2.078 min Scan# 33  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



Tgt Ion: 85 Resp: 266549  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.5 49.5

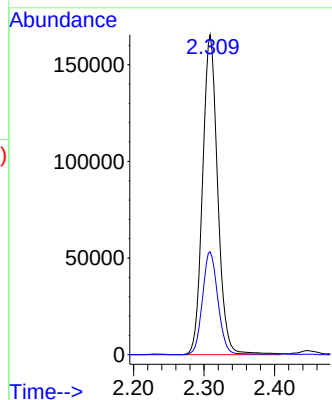


Abundance Scan 119 (2.309 min): VN068423.D\data.ms (-10)



#3  
Chloromethane  
Concen: 42.440 ug/l  
RT: 2.309 min Scan# 119  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

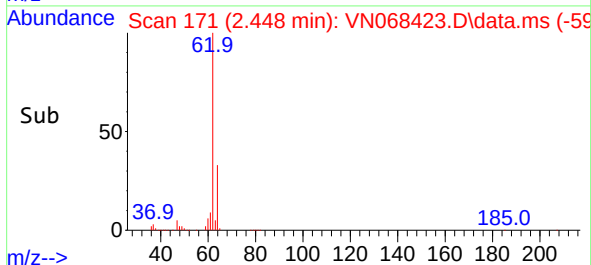
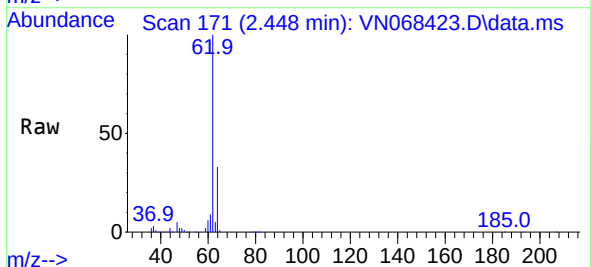
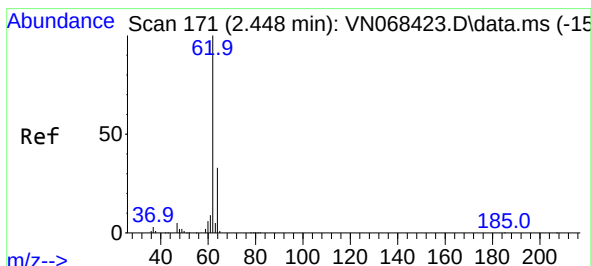
Tgt Ion: 50 Resp: 246426  
Ion Ratio Lower Upper  
50 100  
52 32.2 25.8 38.6



Instrument :  
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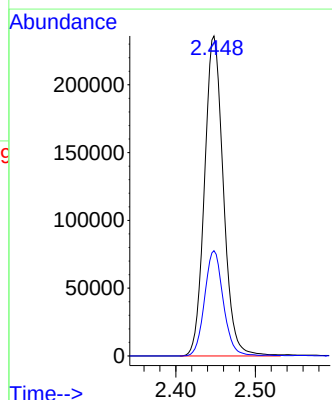
Manual Integrations  
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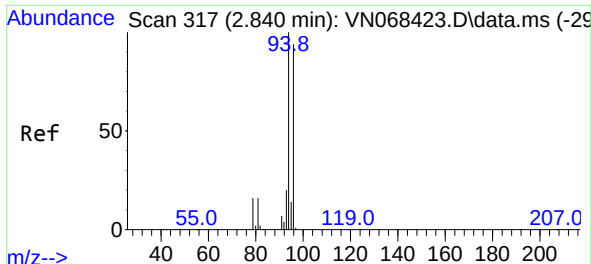
MMDadoda  
9/8/2021 8:15:59 PM



#4  
Vinyl Chloride  
Concen: 44.145 ug/l  
RT: 2.448 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

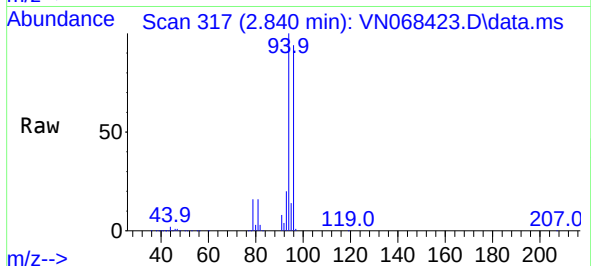
Tgt Ion: 62 Resp: 389893  
Ion Ratio Lower Upper  
62 100  
64 32.9 26.3 39.5





#5  
Bromomethane  
Concen: 41.259 ug/l  
RT: 2.840 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

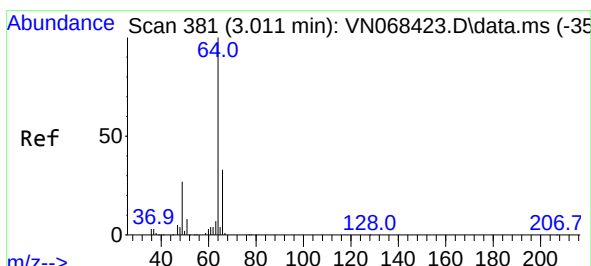
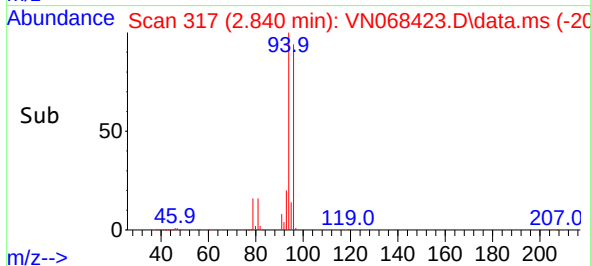
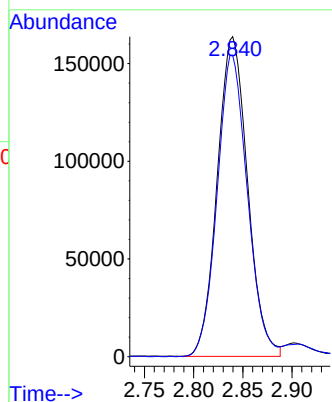
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 94 Resp: 351110  
Ion Ratio Lower Upper  
94 100  
96 94.2 75.4 113.0

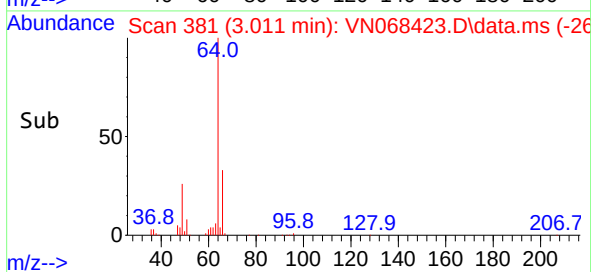
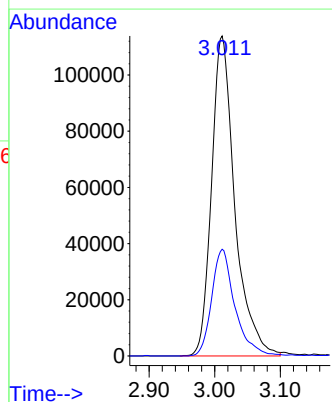
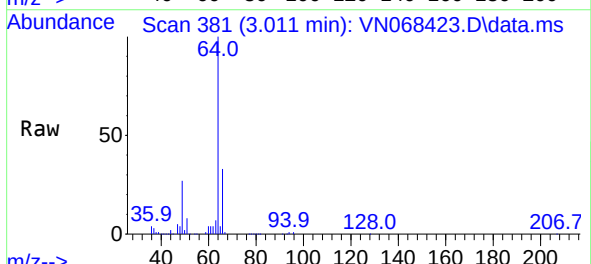
Manual Integrations  
APPROVED

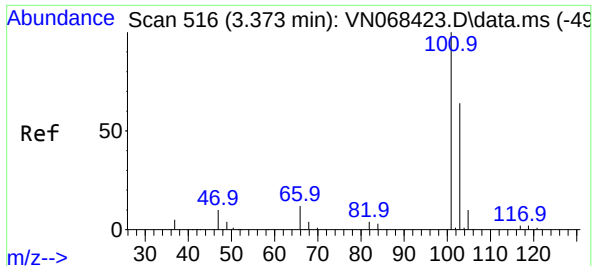
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#6  
Chloroethane  
Concen: 44.160 ug/l  
RT: 3.011 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 64 Resp: 281005  
Ion Ratio Lower Upper  
64 100  
66 33.3 26.6 40.0





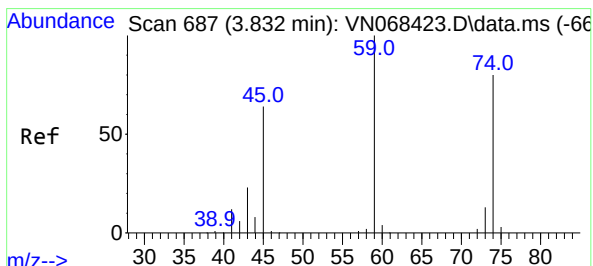
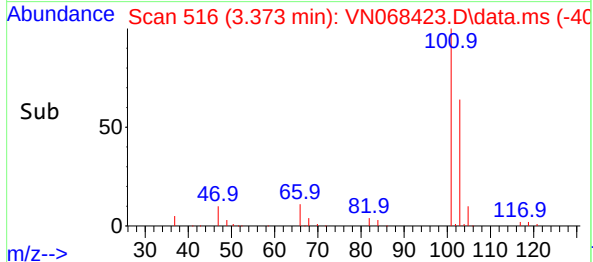
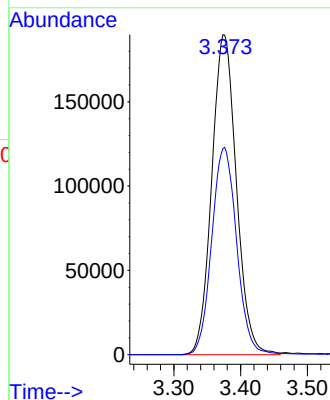
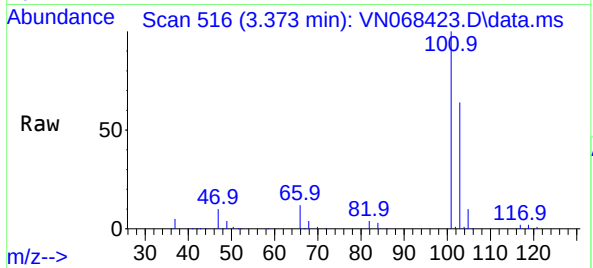
#7  
Trichlorofluoromethane  
Concen: 29.246 ug/l  
RT: 3.373 min Scan# 516  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion:101 Resp: 486911  
Ion Ratio Lower Upper  
101 100  
103 64.4 51.5 77.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

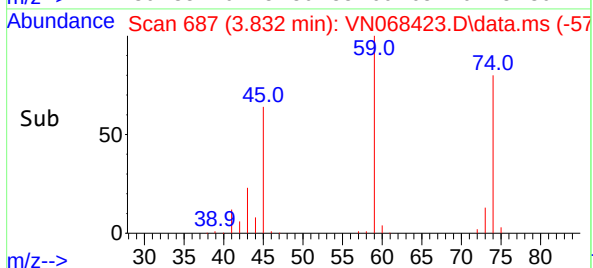
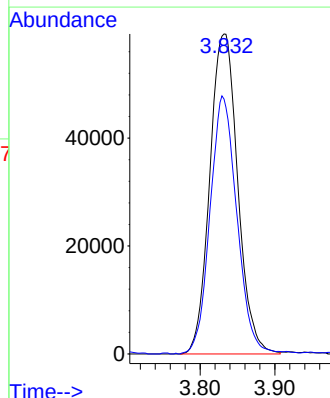
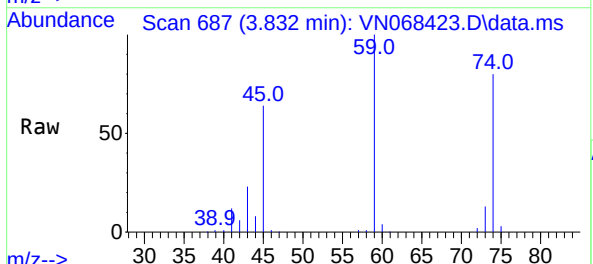
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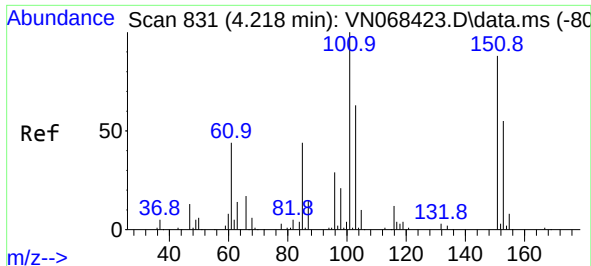


#8  
Diethyl Ether  
Concen: 32.484 ug/l  
RT: 3.832 min Scan# 687  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

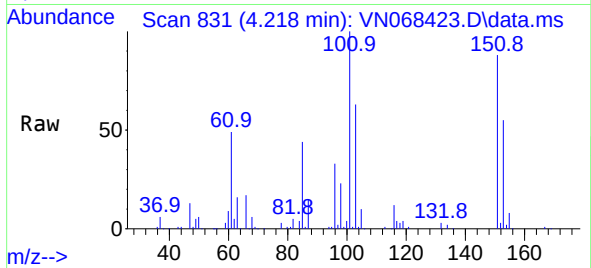
Tgt Ion: 74 Resp: 154105  
Ion Ratio Lower Upper  
74 100  
45 77.3 38.6 116.0



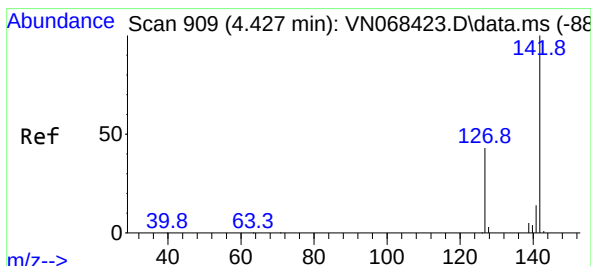
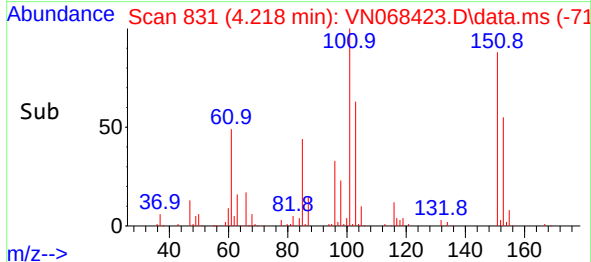
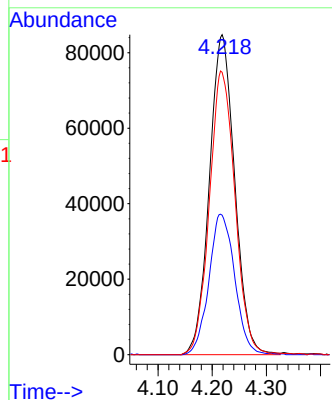




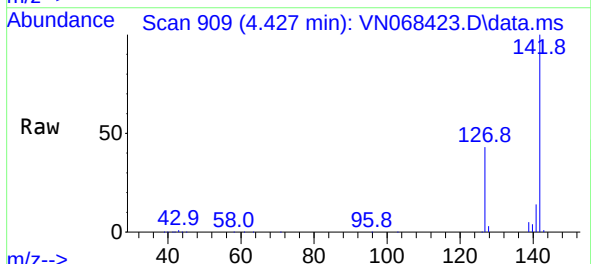
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.665 ug/l  
RT: 4.218 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



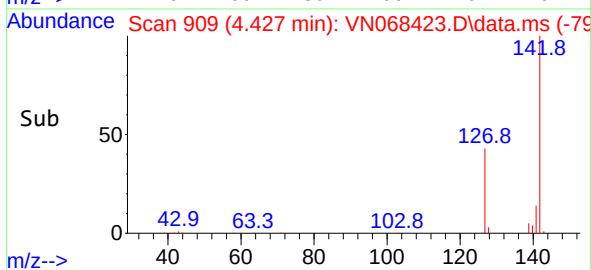
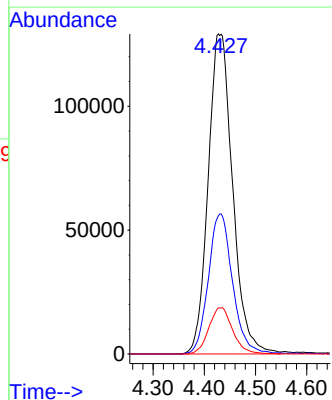
Tgt Ion:101 Resp: 275692  
Ion Ratio Lower Upper  
101 100  
85 44.6 35.7 53.5  
151 89.5 71.6 107.4



#10  
Methyl Iodide  
Concen: 58.519 ug/l  
RT: 4.427 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



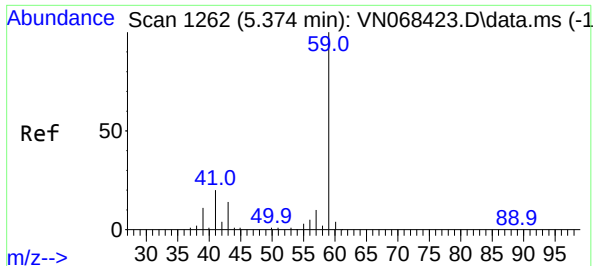
Tgt Ion:142 Resp: 429293  
Ion Ratio Lower Upper  
142 100  
127 43.4 34.7 52.1  
141 14.1 11.3 16.9



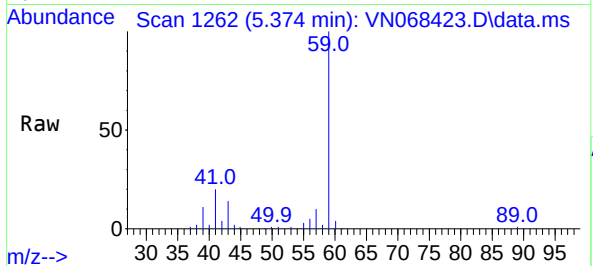
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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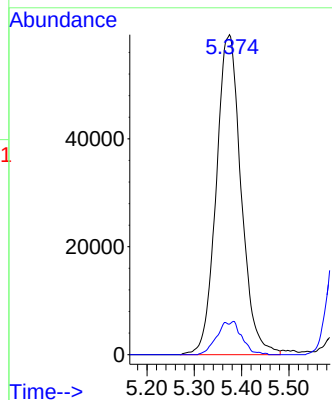
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#11  
Tert butyl alcohol  
Concen: 241.606 ug/l  
RT: 5.374 min Scan# 1262  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



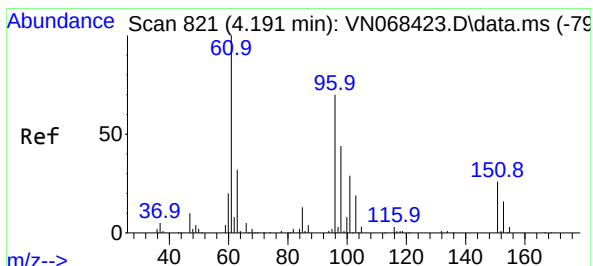
Tgt Ion: 59 Resp: 216582  
Ion Ratio Lower Upper  
59 100  
57 5.4 4.3 6.5



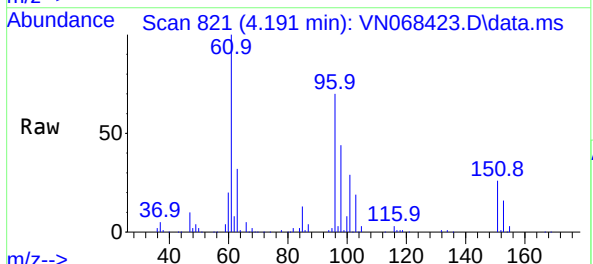
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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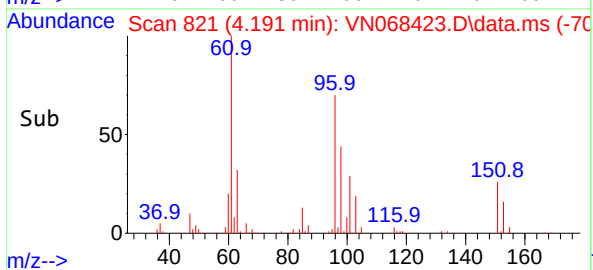
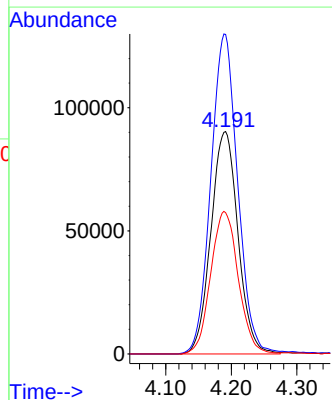
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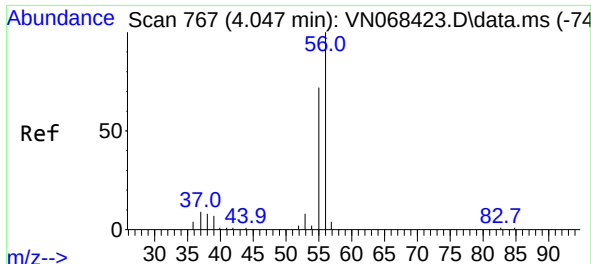


#12  
1,1-Dichloroethene  
Concen: 49.055 ug/l  
RT: 4.191 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



Tgt Ion: 96 Resp: 259892  
Ion Ratio Lower Upper  
96 100  
61 143.4 114.7 172.1  
98 63.6 50.9 76.3





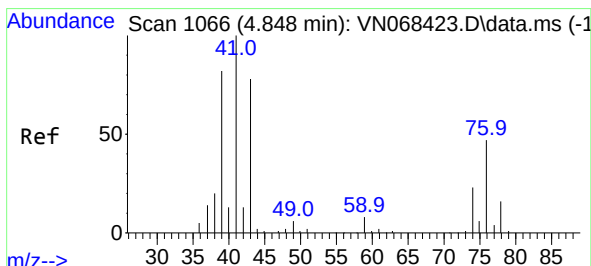
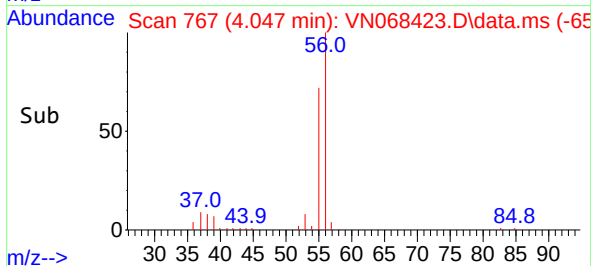
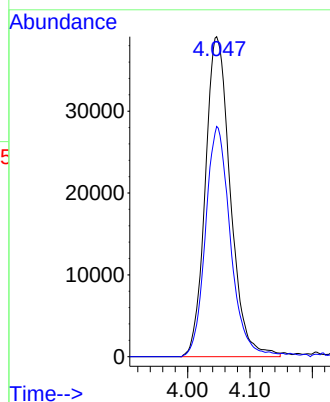
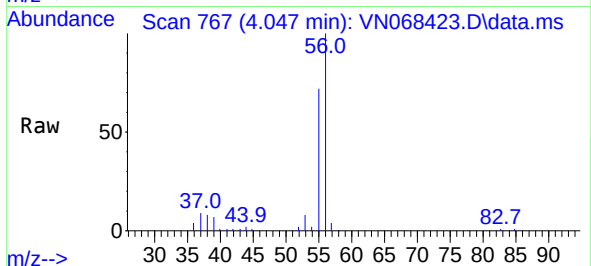
#13  
Acrolein  
Concen: 192.934 ug/l  
RT: 4.047 min Scan# 767  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 56 Resp: 109251  
Ion Ratio Lower Upper  
56 100  
55 71.0 56.8 85.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

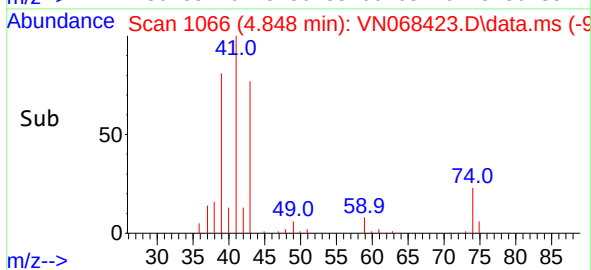
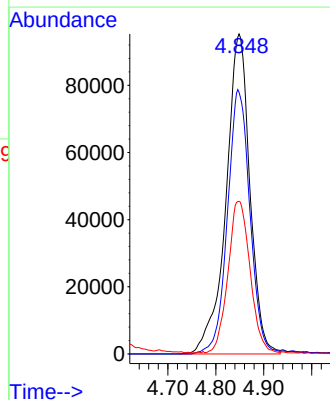
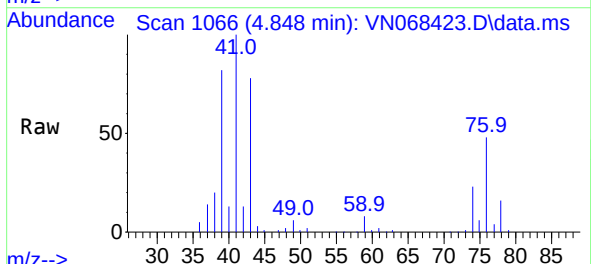
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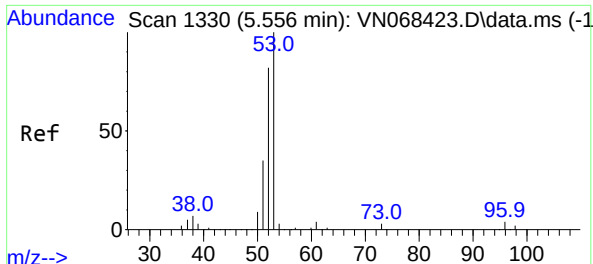
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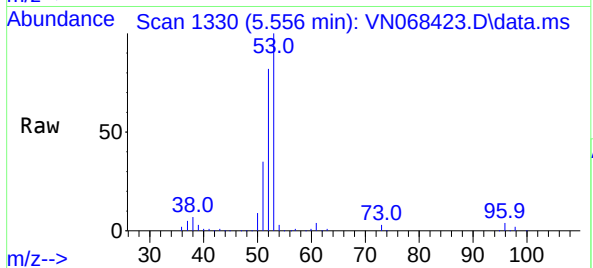
#14  
Allyl chloride  
Concen: 49.780 ug/l  
RT: 4.848 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 41 Resp: 330701  
Ion Ratio Lower Upper  
41 100  
39 77.5 62.0 93.0  
76 43.3 34.6 52.0

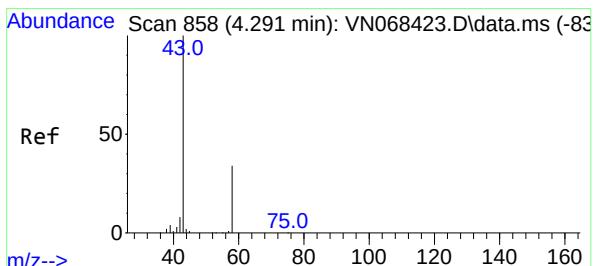
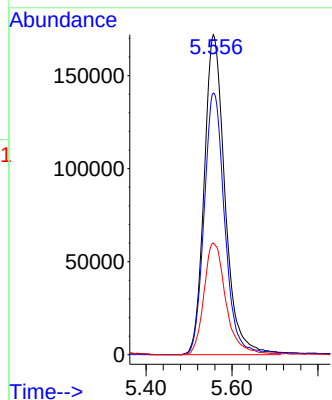
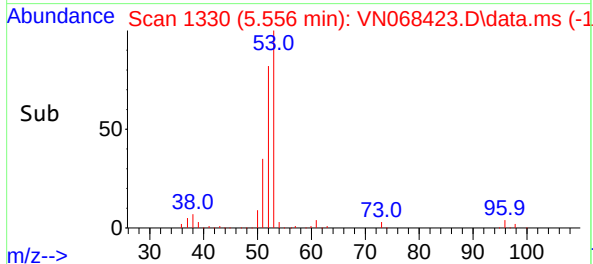




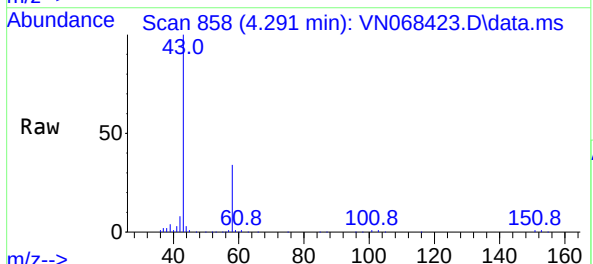
#15  
Acrylonitrile  
Concen: 236.074 ug/l  
RT: 5.556 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



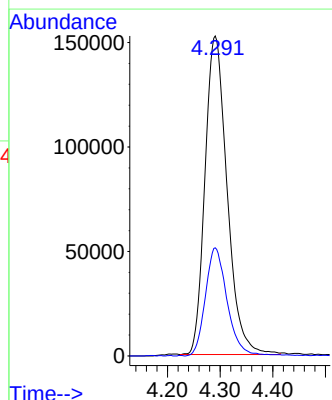
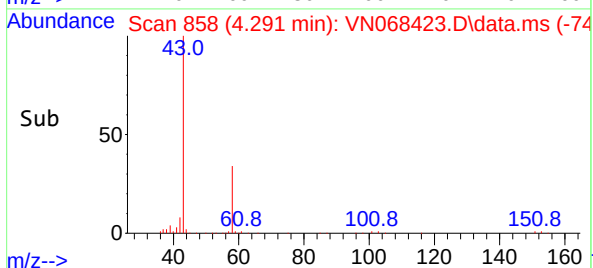
Tgt Ion: 53 Resp: 577699  
Ion Ratio Lower Upper  
53 100  
52 80.6 64.5 96.7  
51 36.9 29.5 44.3



#16  
Acetone  
Concen: 198.526 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



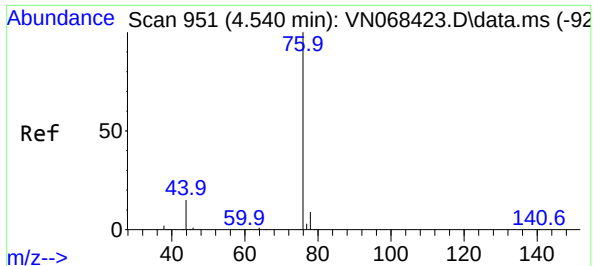
Tgt Ion: 43 Resp: 444557  
Ion Ratio Lower Upper  
43 100  
58 33.8 27.0 40.6



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

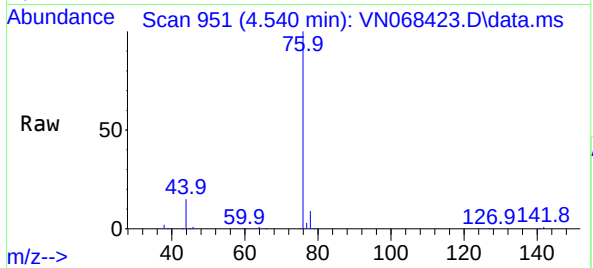
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#17  
Carbon Disulfide  
Concen: 47.961 ug/l  
RT: 4.540 min Scan# 951  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

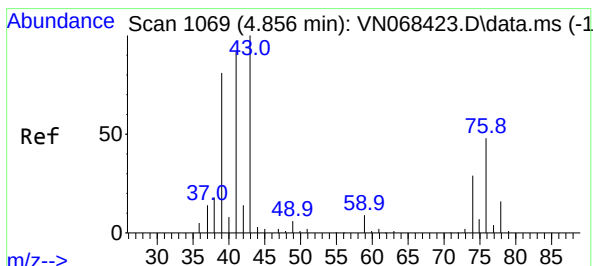
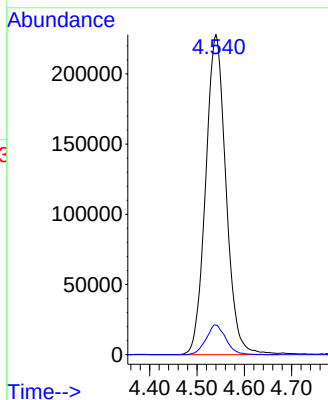
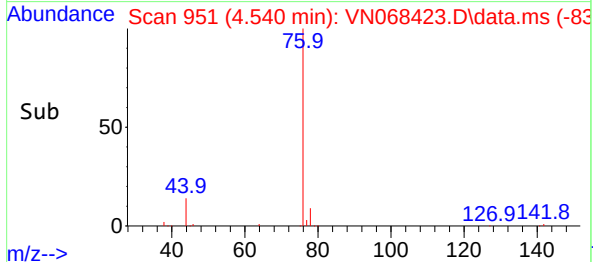
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



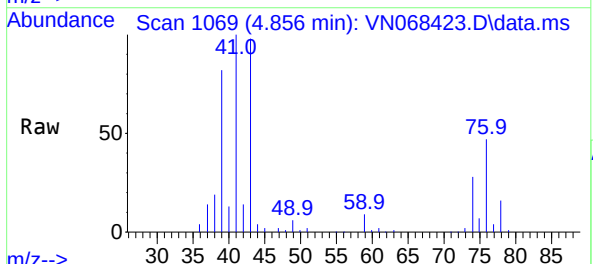
Tgt Ion: 76 Resp: 681272  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.2

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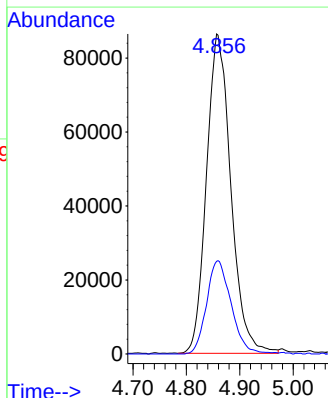
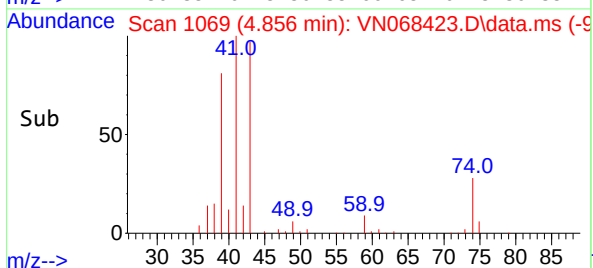
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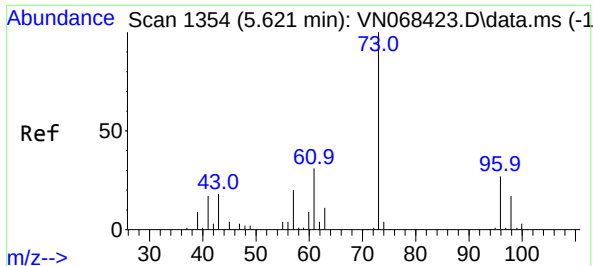


#18  
Methyl Acetate  
Concen: 44.226 ug/l  
RT: 4.856 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



Tgt Ion: 43 Resp: 273950  
Ion Ratio Lower Upper  
43 100  
74 29.4 23.5 35.3





#19

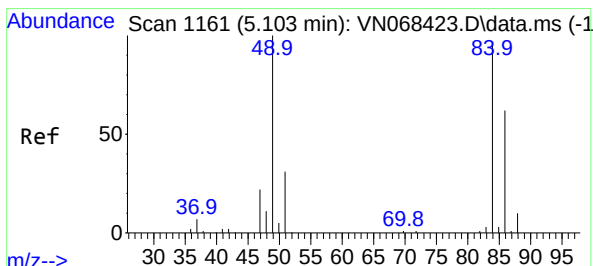
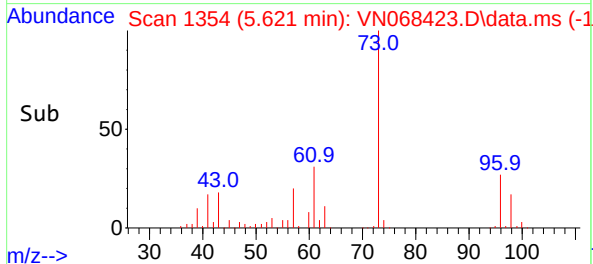
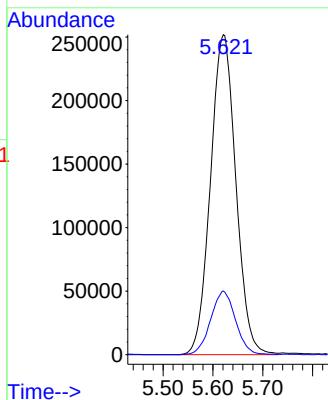
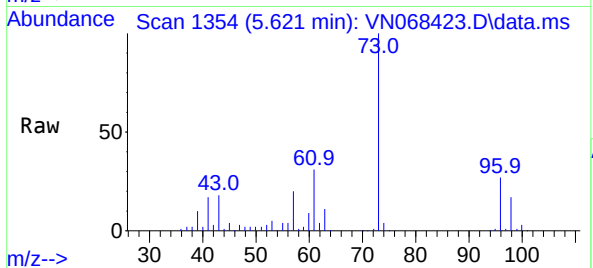
Methyl tert-butyl Ether  
Concen: 52.096 ug/l  
RT: 5.621 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 73 Resp: 891341  
Ion Ratio Lower Upper  
73 100  
57 19.9 15.9 23.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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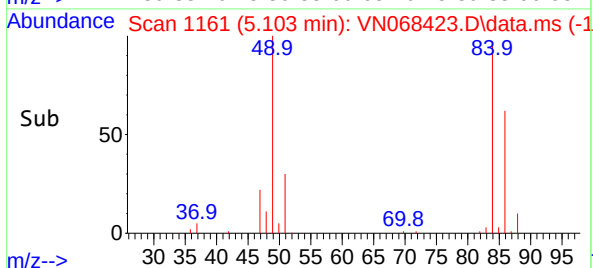
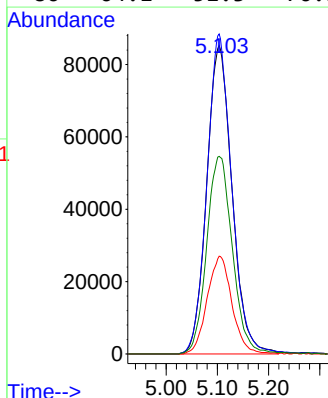
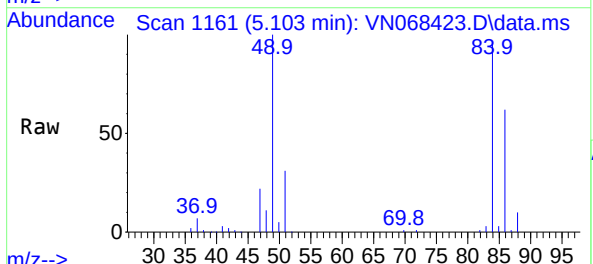
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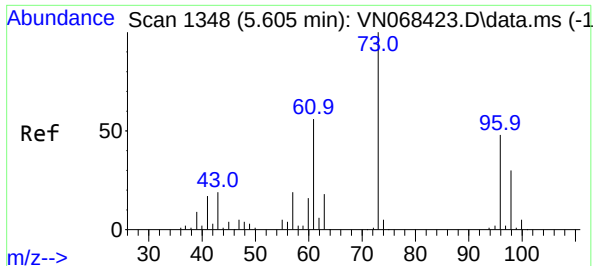


#20

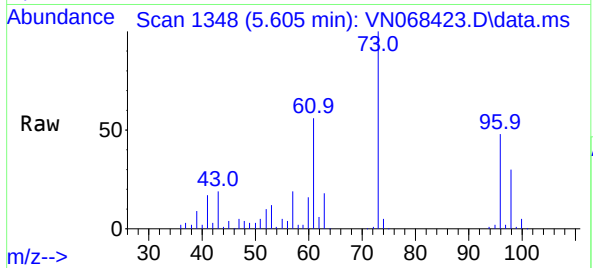
Methylene Chloride  
Concen: 41.443 ug/l  
RT: 5.103 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 84 Resp: 293283  
Ion Ratio Lower Upper  
84 100  
49 103.8 83.0 124.6  
51 31.7 25.4 38.0  
86 64.1 51.3 76.9

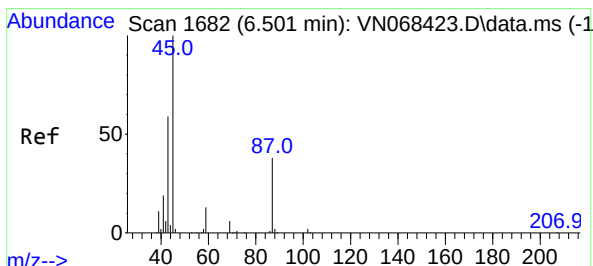
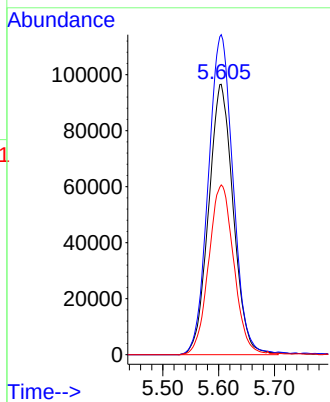
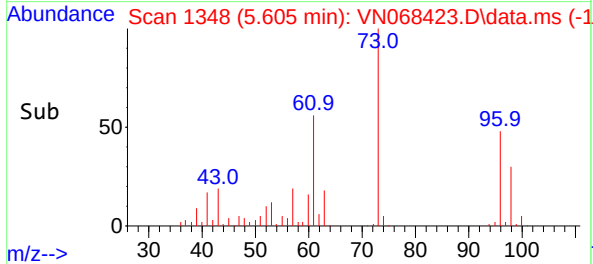




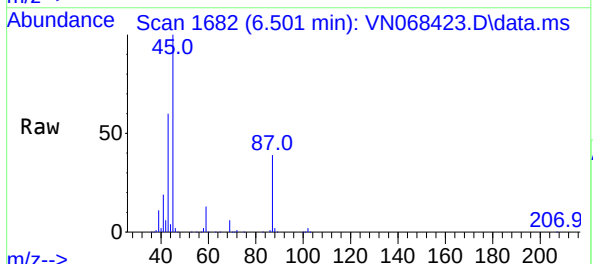
#21  
trans-1,2-Dichloroethene  
Concen: 49.990 ug/l  
RT: 5.605 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



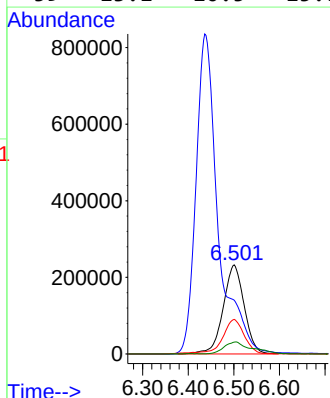
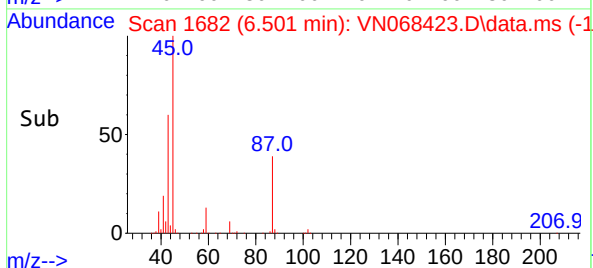
Tgt Ion: 96 Resp: 295956  
Ion Ratio Lower Upper  
96 100  
61 118.3 94.6 142.0  
98 62.8 50.2 75.4



#22  
Diisopropyl ether  
Concen: 51.498 ug/l  
RT: 6.501 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



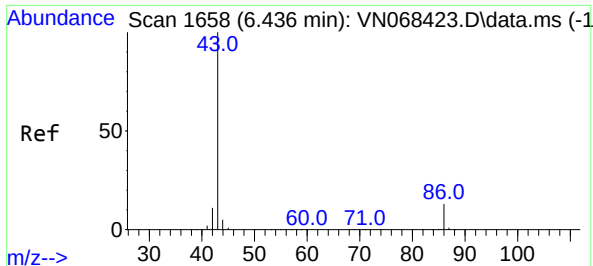
Tgt Ion: 45 Resp: 744626  
Ion Ratio Lower Upper  
45 100  
43 58.9 47.1 70.7  
87 38.6 30.9 46.3  
59 13.1 10.5 15.7



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

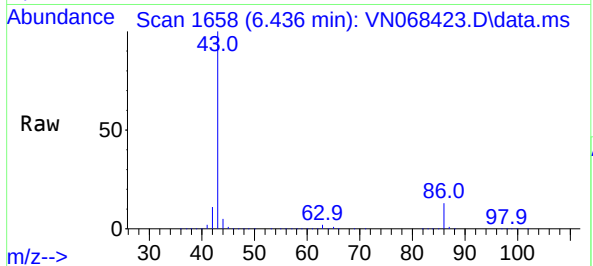
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#23  
 Vinyl Acetate  
 Concen: 254.462 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. 0.000 min  
 Lab File: VN068423.D  
 Acq: 7 Sep 2021 15:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

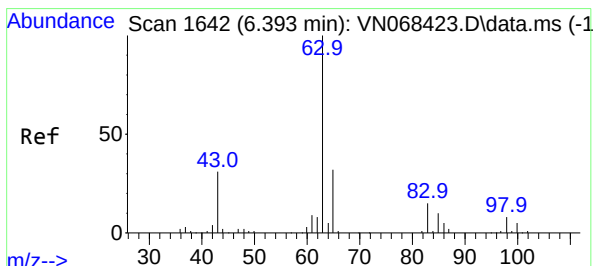
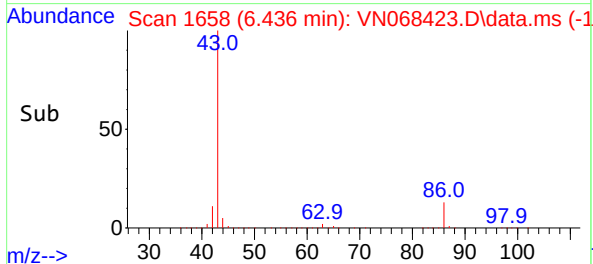
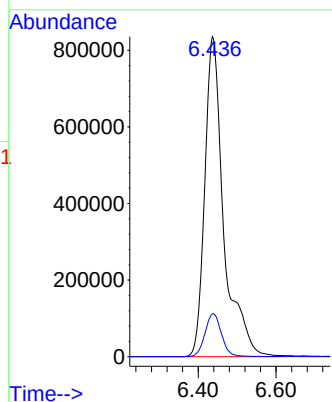


Tgt Ion: 43 Resp: 2822858  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 13.4  | 10.7  | 16.1  |

Manual Integrations  
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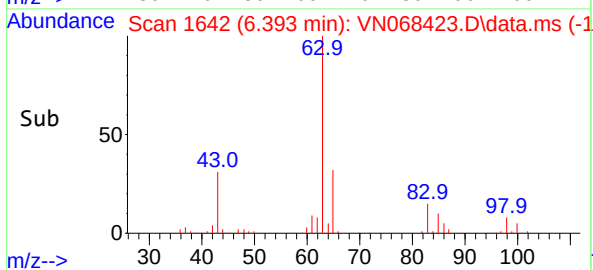
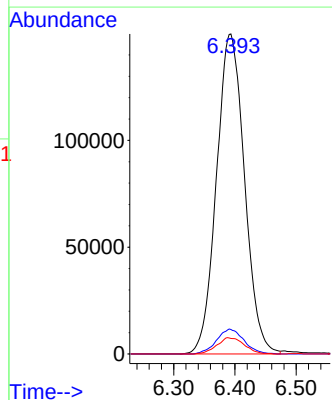
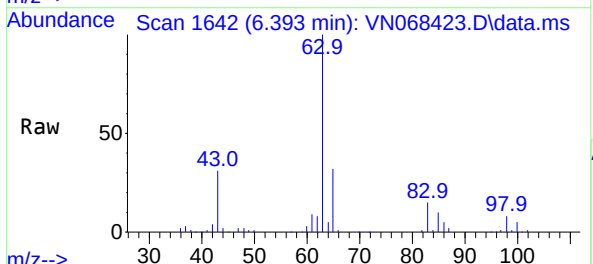
MMDadoda  
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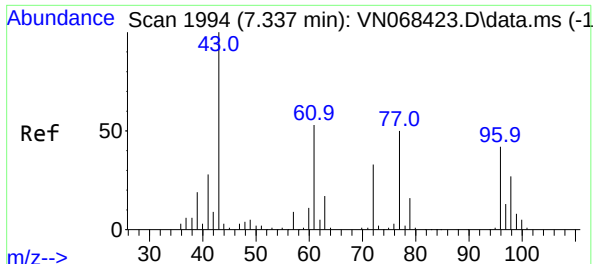
#24  
 1,1-Dichloroethane  
 Concen: 49.218 ug/l  
 RT: 6.393 min Scan# 1642  
 Delta R.T. 0.000 min  
 Lab File: VN068423.D  
 Acq: 7 Sep 2021 15:18

Tgt Ion: 63 Resp: 475758  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.7   | 3.9   | 11.5  |
| 100 | 4.8   | 2.4   | 7.2   |







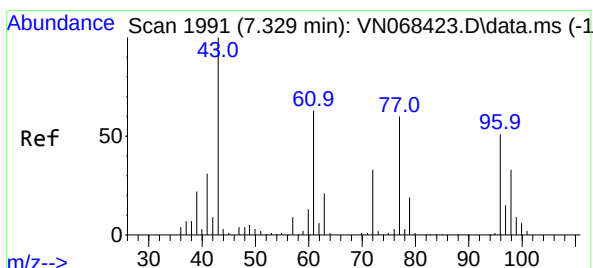
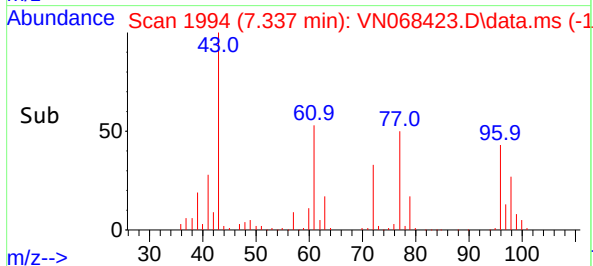
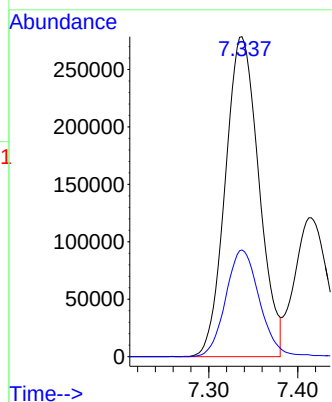
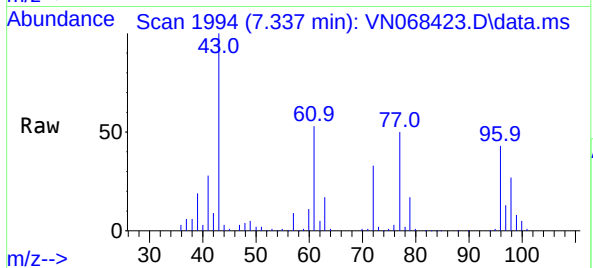
#25  
2-Butanone  
Concen: 233.774 ug/l  
RT: 7.337 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 43 Resp: 731068  
Ion Ratio Lower Upper  
43 100  
72 33.4 26.7 40.1

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDICCC050

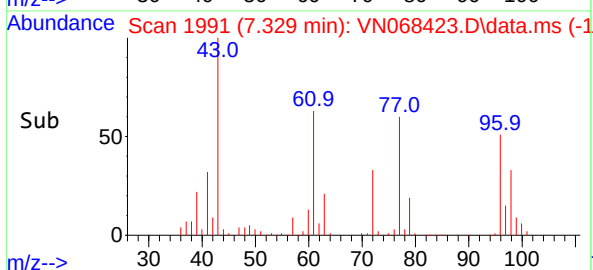
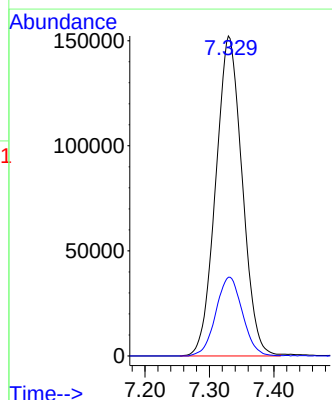
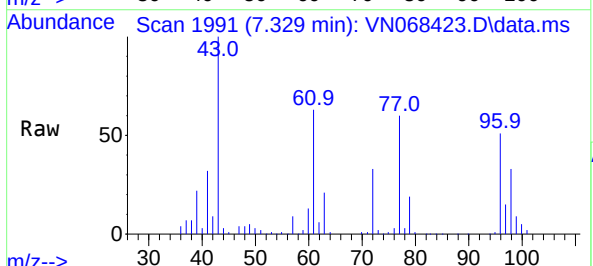
Manual Integrations  
APPROVED

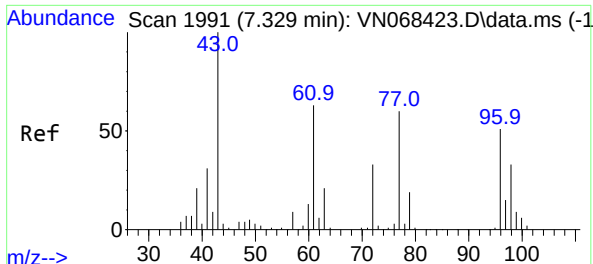
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#26  
2,2-Dichloropropane  
Concen: 48.549 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 77 Resp: 434218  
Ion Ratio Lower Upper  
77 100  
97 24.8 12.4 37.2





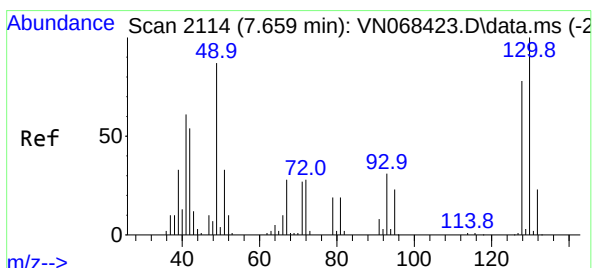
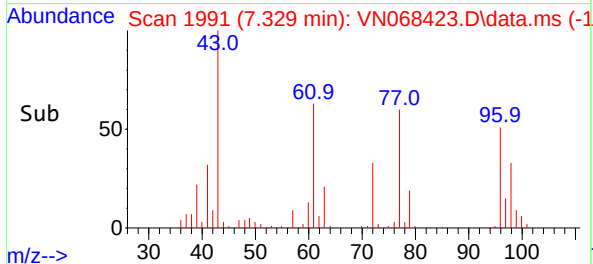
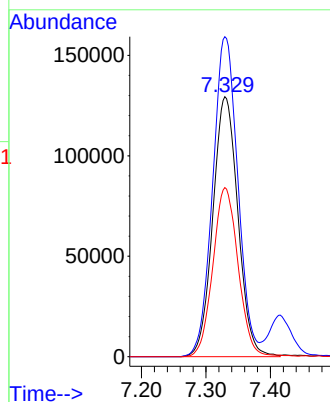
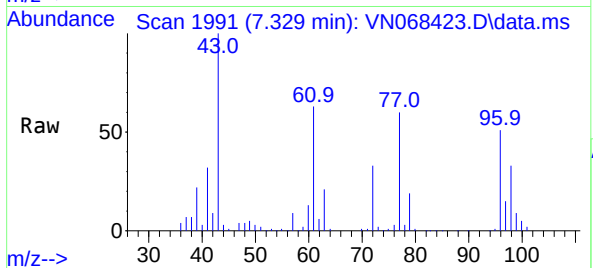
#27  
cis-1,2-Dichloroethene  
Concen: 50.726 ug/l  
RT: 7.329 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 96 Resp: 350266  
Ion Ratio Lower Upper  
96 100  
61 123.2 0.0 246.4  
98 65.2 0.0 130.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

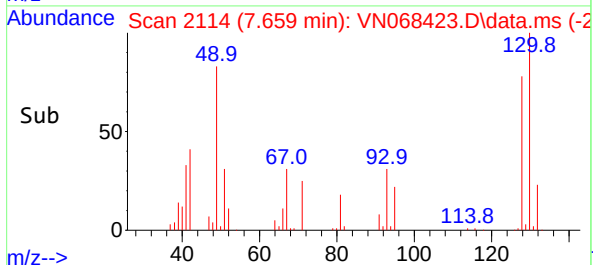
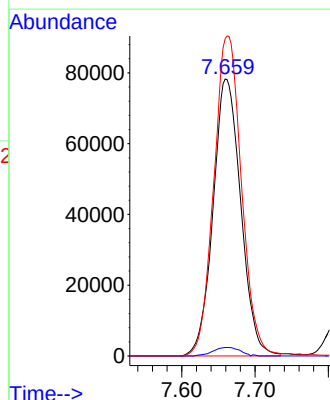
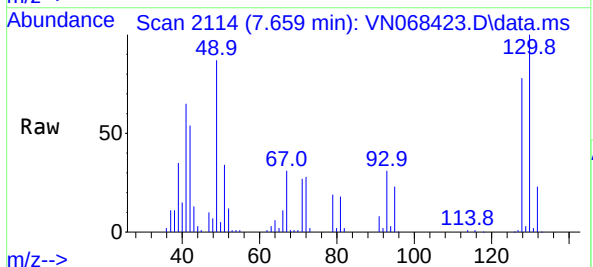
Manual Integrations  
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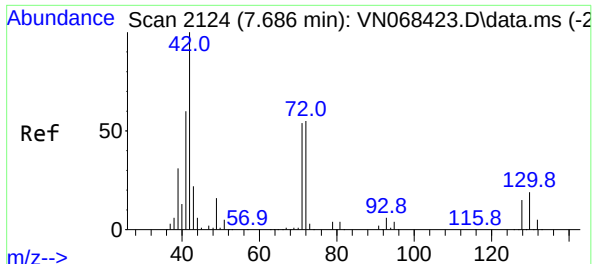
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#28  
Bromochloromethane  
Concen: 50.464 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 49 Resp: 205509  
Ion Ratio Lower Upper  
49 100  
129 3.0 0.0 6.0  
130 115.6 92.5 138.7





#29  
Tetrahydrofuran  
Concen: 246.971 ug/l  
RT: 7.686 min Scan# 2124  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

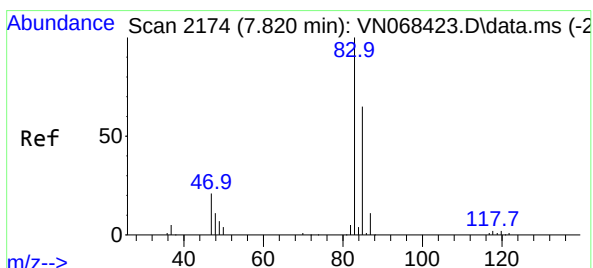
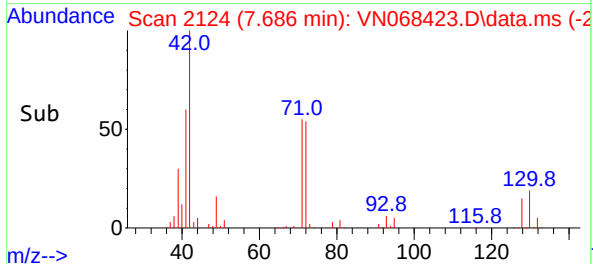
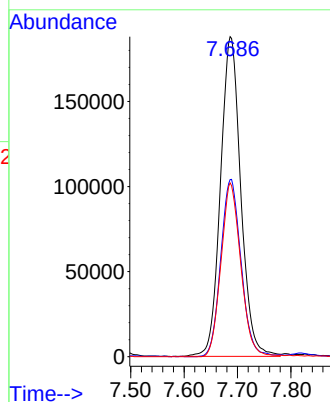
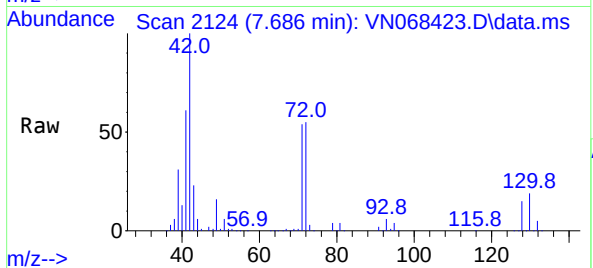
Tgt Ion: 42 Resp: 496933

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 55.5  | 44.4  | 66.6  |
| 71  | 52.9  | 42.3  | 63.5  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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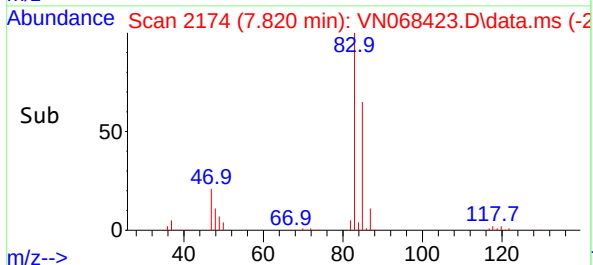
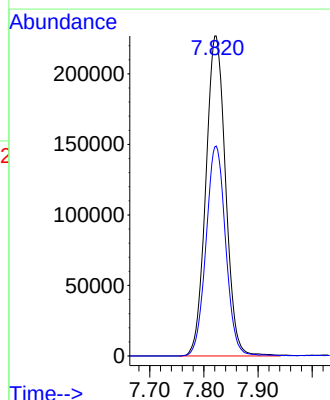
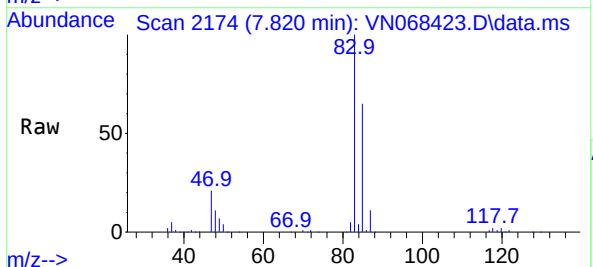
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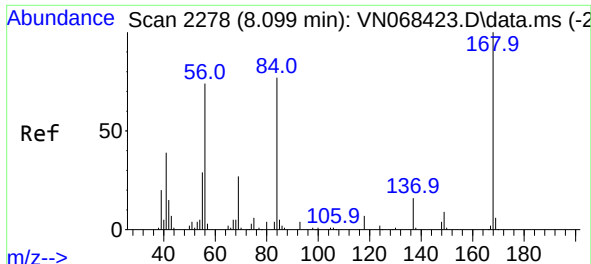


#30  
Chloroform  
Concen: 49.606 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 83 Resp: 574560

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.3  | 52.2  | 78.4  |





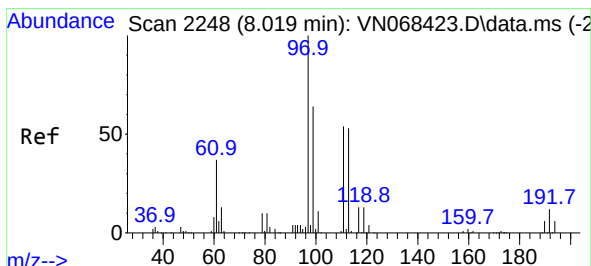
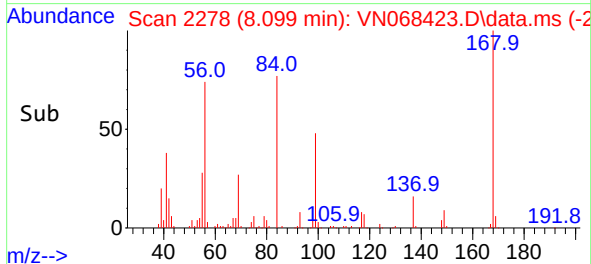
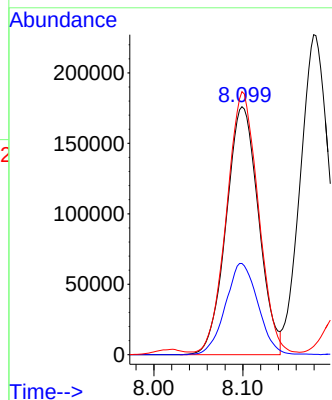
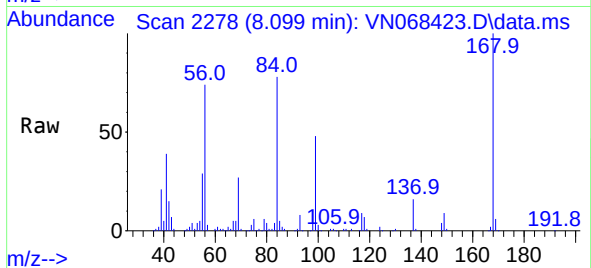
#31  
Cyclohexane  
Concen: 48.693 ug/l  
RT: 8.099 min Scan# 2278  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 56 Resp: 445047  
Ion Ratio Lower Upper  
56 100  
69 36.7 29.4 44.0  
84 104.5 83.6 125.4

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDICCC050

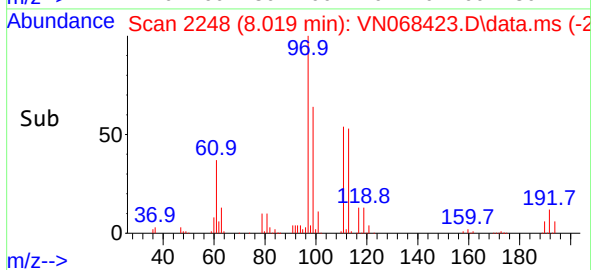
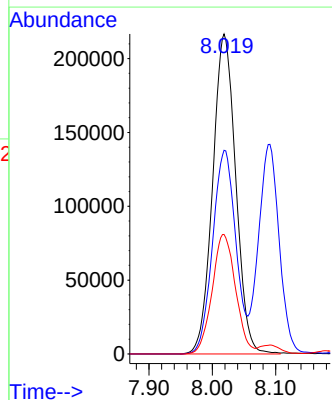
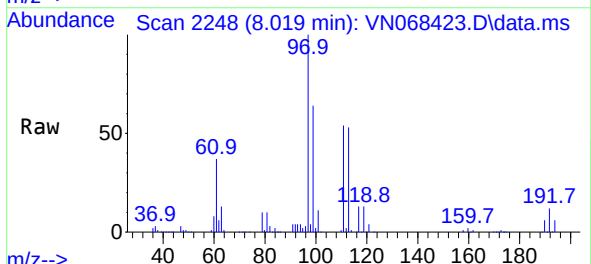
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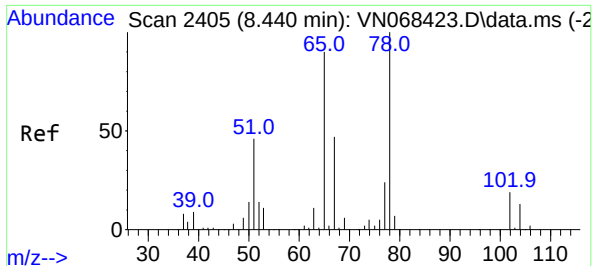
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#32  
1,1,1-Trichloroethane  
Concen: 51.258 ug/l  
RT: 8.019 min Scan# 2248  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 97 Resp: 548410  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.4 77.0  
61 37.9 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 45.811 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN068423.D

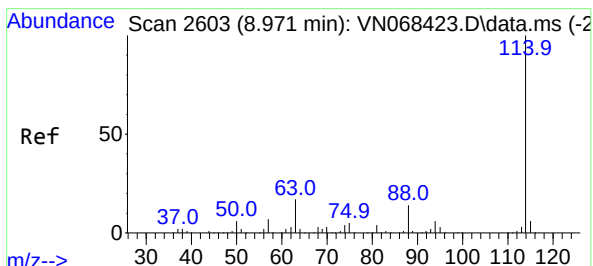
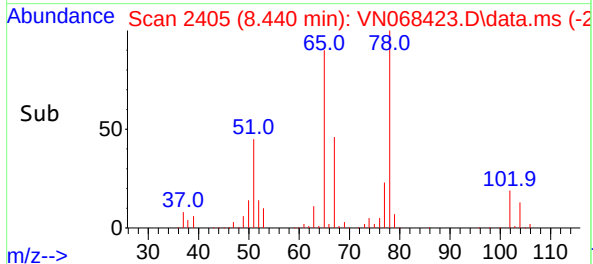
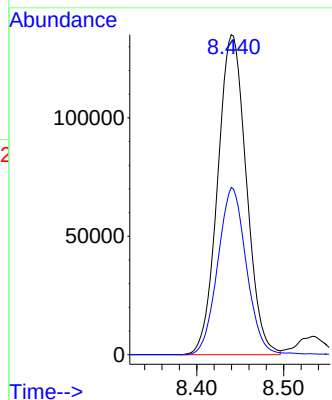
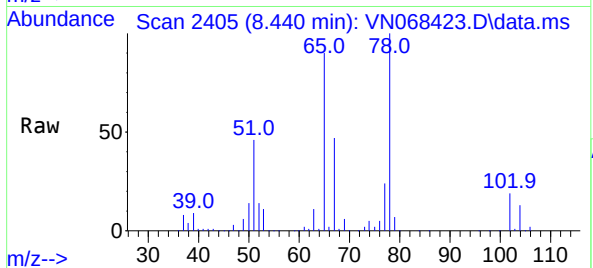
Acq: 7 Sep 2021 15:18

Tgt Ion: 65 Resp: 309440

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.000 min

Lab File: VN068423.D

Acq: 7 Sep 2021 15:18

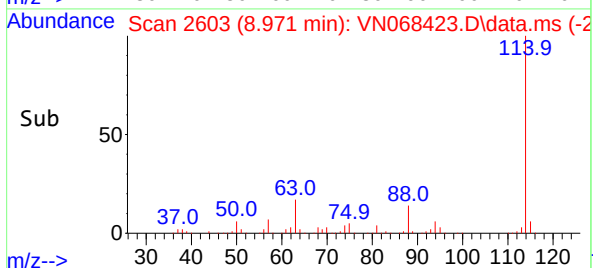
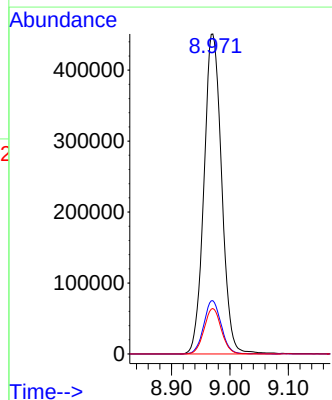
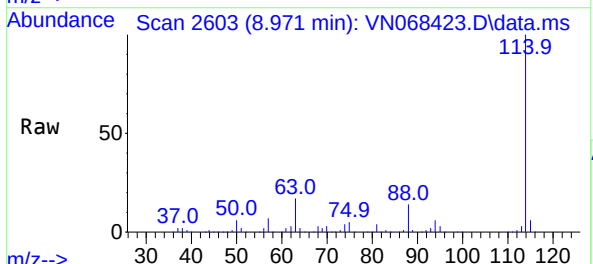
Tgt Ion: 114 Resp: 948482

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 14.2 0.0 28.4



Instrument :

MSVOA\_N

ClientSampleId :

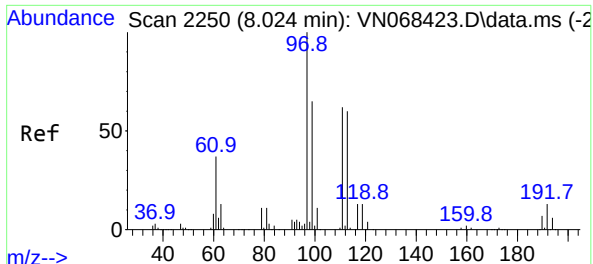
VSTDICCC050

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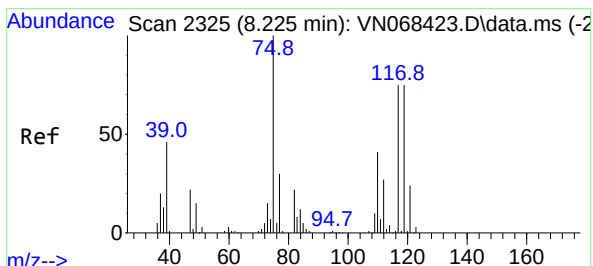
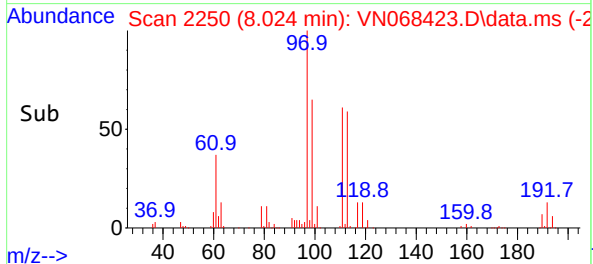
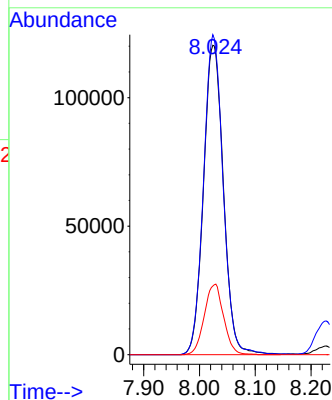
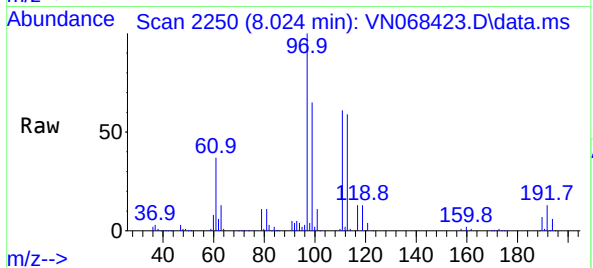
#35  
Dibromofluoromethane  
Concen: 50.228 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 113 Resp: 299527  
Ion Ratio Lower Upper  
113 100  
111 101.4 81.1 121.7  
192 22.1 17.7 26.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

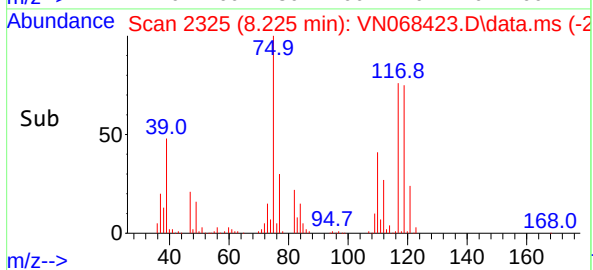
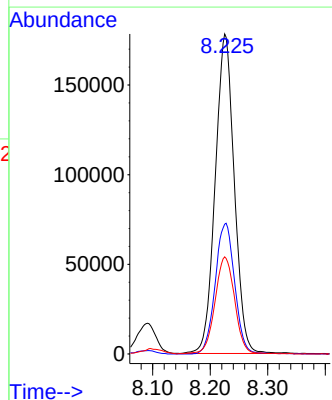
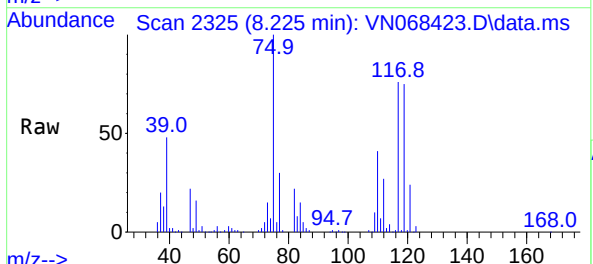
Manual Integrations  
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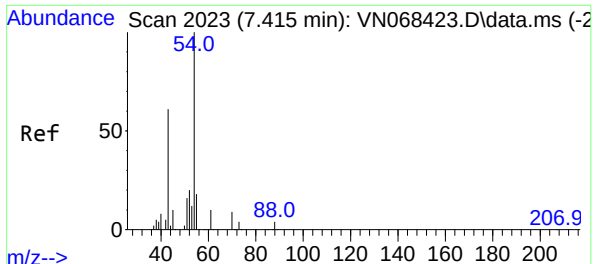
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#36  
1,1-Dichloropropene  
Concen: 53.955 ug/l  
RT: 8.225 min Scan# 2325  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

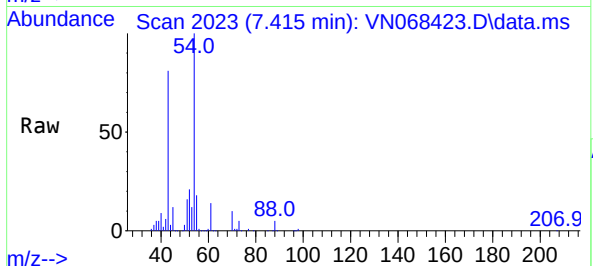
Tgt Ion: 75 Resp: 410061  
Ion Ratio Lower Upper  
75 100  
110 41.7 20.8 62.5  
77 31.3 25.0 37.6





#37  
Ethyl Acetate  
Concen: 49.574 ug/l  
RT: 7.415 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

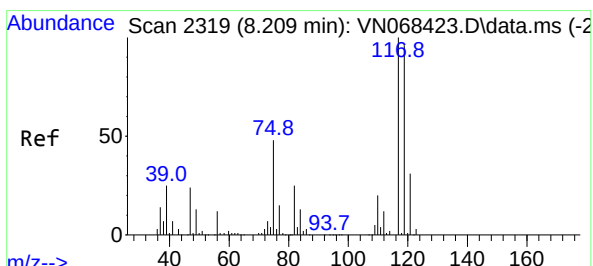
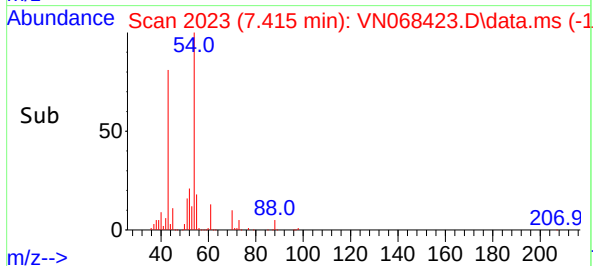
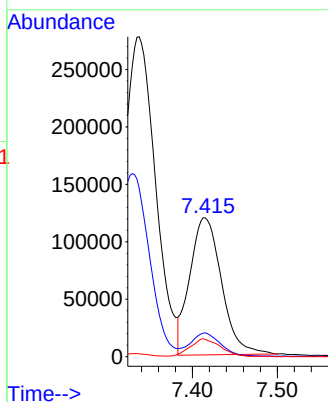


Tgt Ion: 43 Resp: 310569

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.5  | 12.4  | 18.6  |
| 70  | 12.0  | 9.6   | 14.4  |

Manual Integrations  
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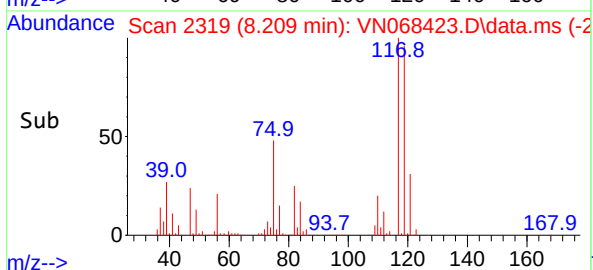
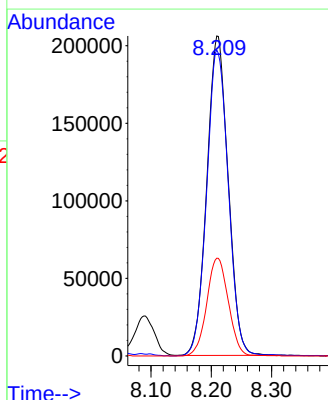
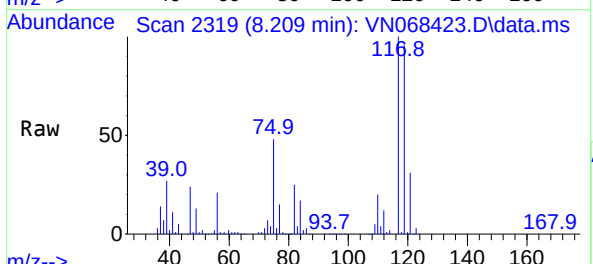
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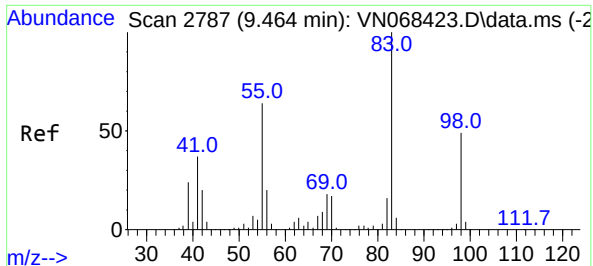


#38  
Carbon Tetrachloride  
Concen: 55.490 ug/l  
RT: 8.209 min Scan# 2319  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 117 Resp: 505488

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.7  | 76.6  | 114.8 |
| 121 | 30.6  | 24.5  | 36.7  |





#39

Methylcyclohexane

Concen: 56.509 ug/l

RT: 9.464 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VN068423.D

Acq: 7 Sep 2021 15:18

Tgt Ion: 83 Resp: 535729

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 63.7  | 51.0  | 76.4  |
| 98  | 49.4  | 39.5  | 59.3  |

Instrument :

MSVOA\_N

ClientSampleId :

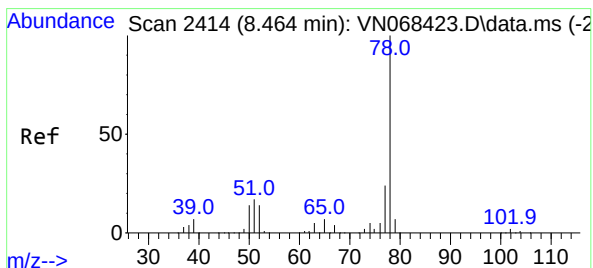
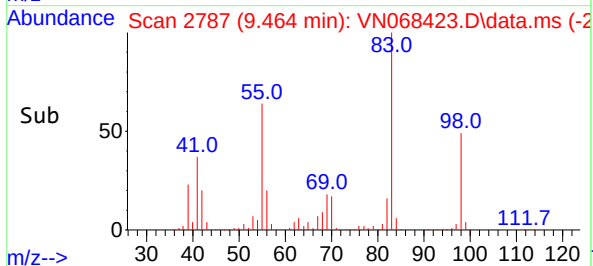
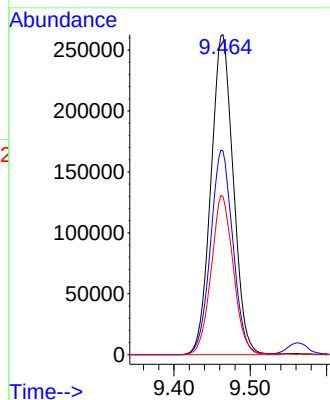
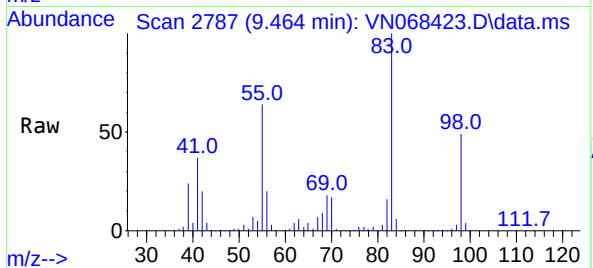
VSTDICCC050

Manual Integrations

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#40

Benzene

Concen: 52.440 ug/l

RT: 8.464 min Scan# 2414

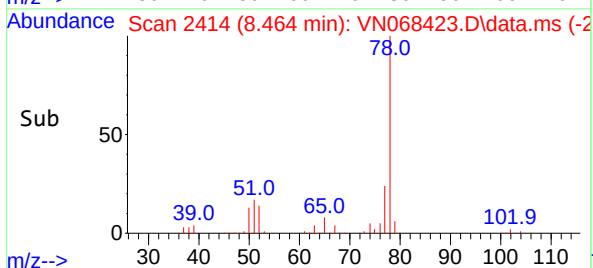
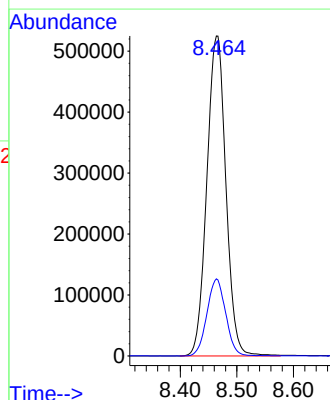
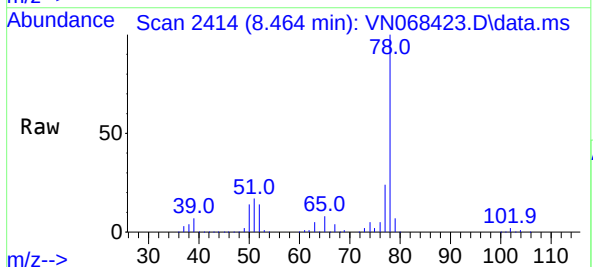
Delta R.T. 0.000 min

Lab File: VN068423.D

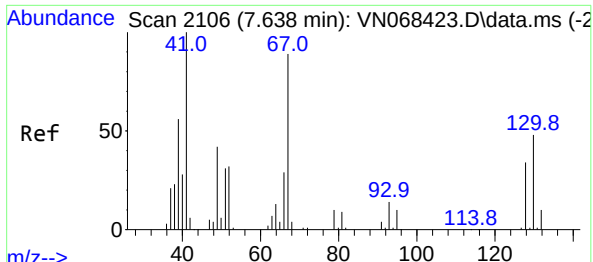
Acq: 7 Sep 2021 15:18

Tgt Ion: 78 Resp: 1225996

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.1  | 19.3  | 28.9  |







#41  
Methacrylonitrile  
Concen: 51.285 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

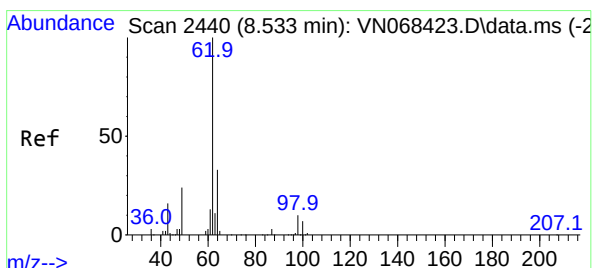
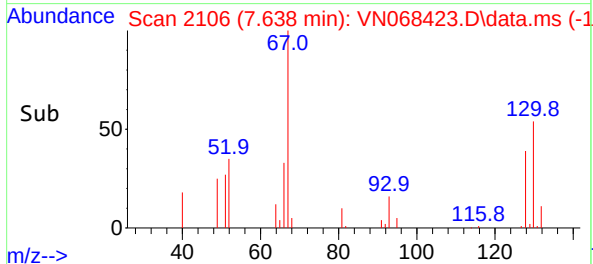
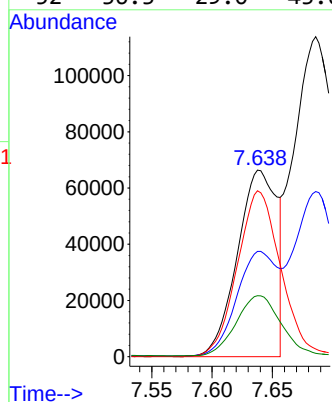
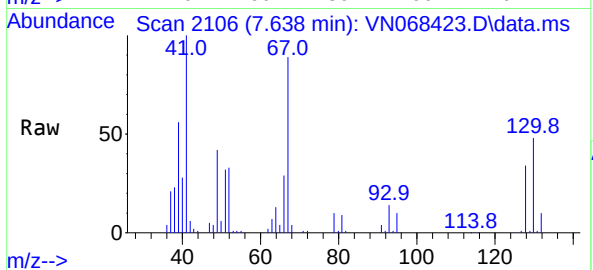
Tgt Ion: 41 Resp: 151482

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.8  | 45.4  | 68.2  |
| 67  | 98.4  | 78.7  | 118.1 |
| 52  | 36.3  | 29.0  | 43.6  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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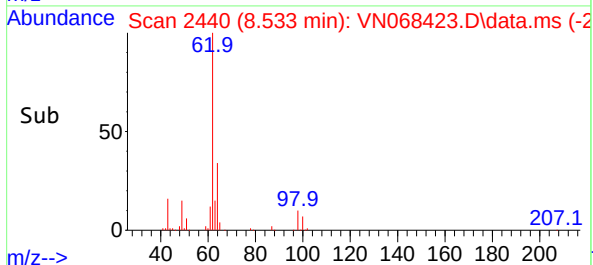
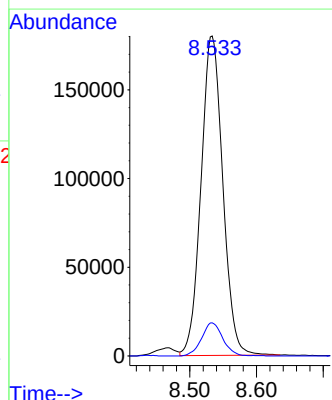
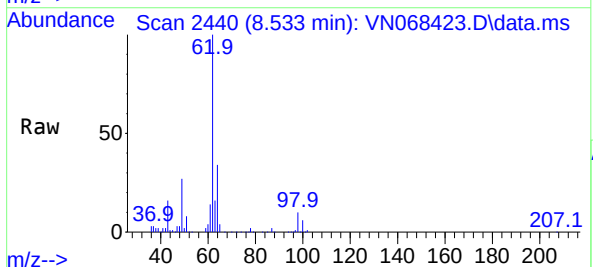
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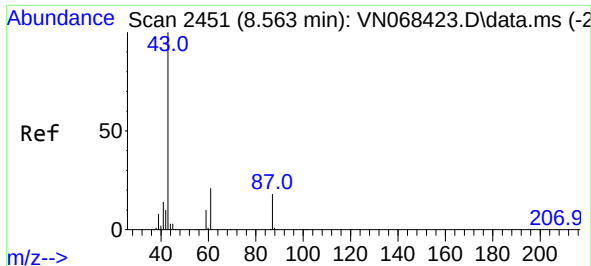


#42  
1,2-Dichloroethane  
Concen: 52.045 ug/l  
RT: 8.533 min Scan# 2440  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 62 Resp: 408114

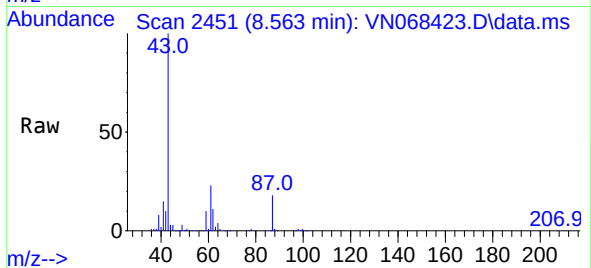
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.1  | 0.0   | 20.2  |





#43  
Isopropyl Acetate  
Concen: 53.317 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

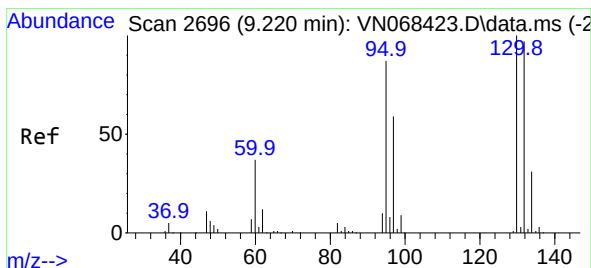
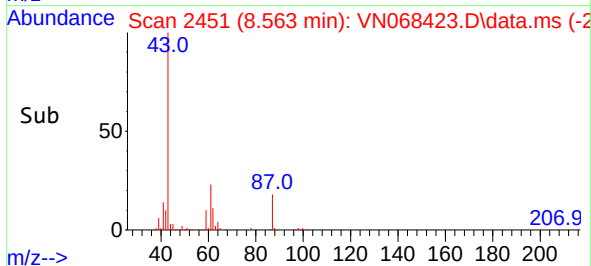
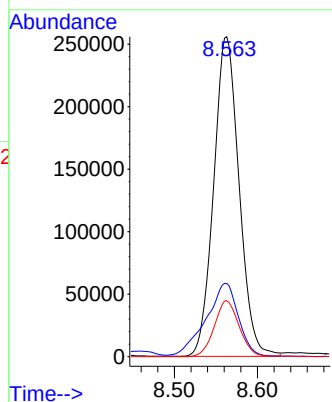
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 43 Resp: 543137  
Ion Ratio Lower Upper  
43 100  
61 29.1 23.3 34.9  
87 17.2 13.8 20.6

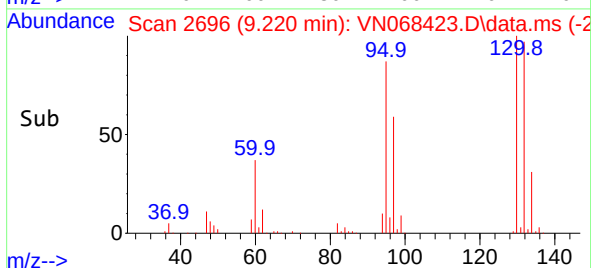
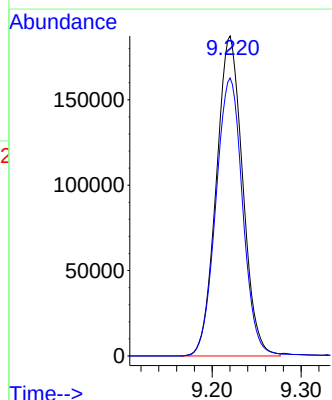
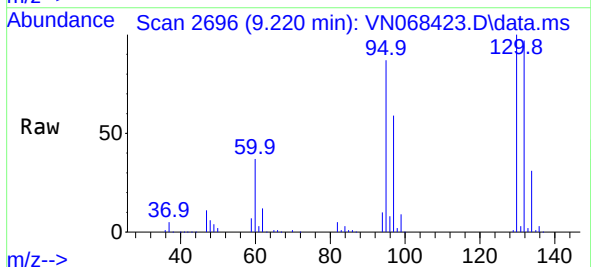
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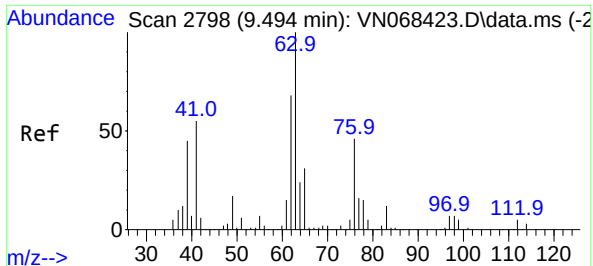
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#44  
Trichloroethene  
Concen: 53.131 ug/l  
RT: 9.220 min Scan# 2696  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 130 Resp: 386004  
Ion Ratio Lower Upper  
130 100  
95 86.9 0.0 173.8





#45

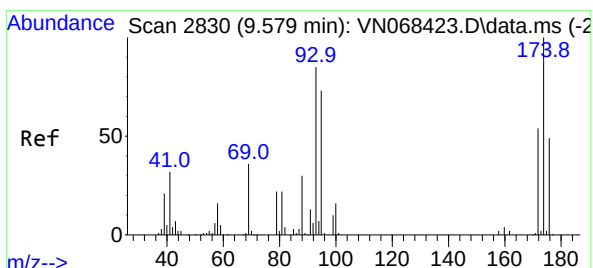
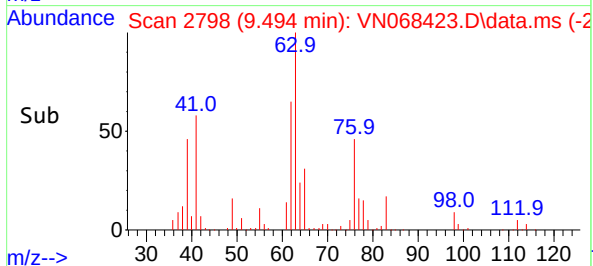
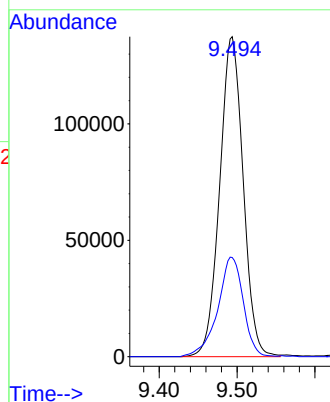
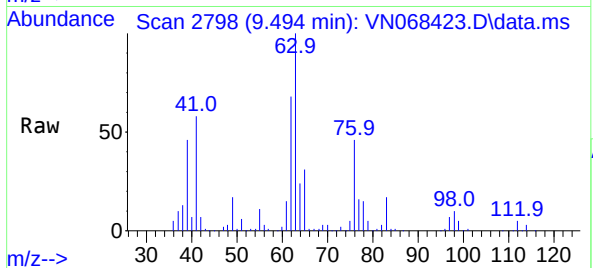
1,2-Dichloropropane  
Concen: 52.966 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 63 Resp: 287546  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.8 37.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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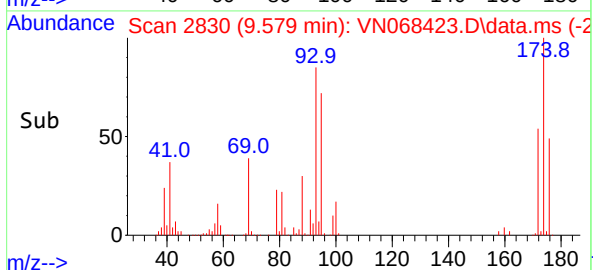
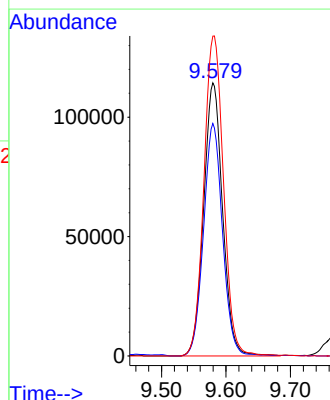
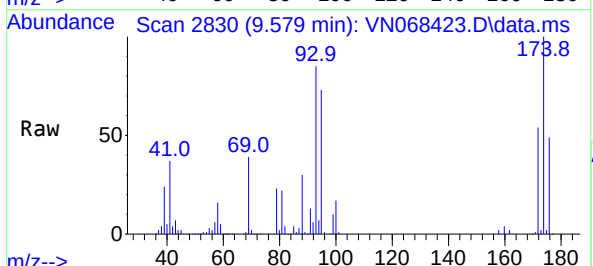
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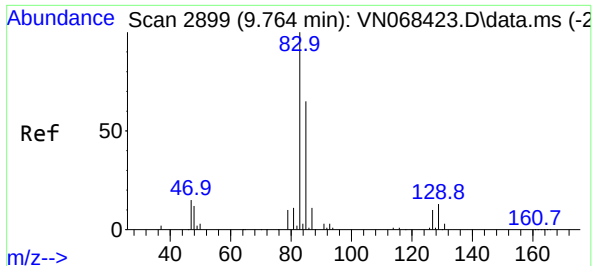


#46

Dibromomethane  
Concen: 53.162 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

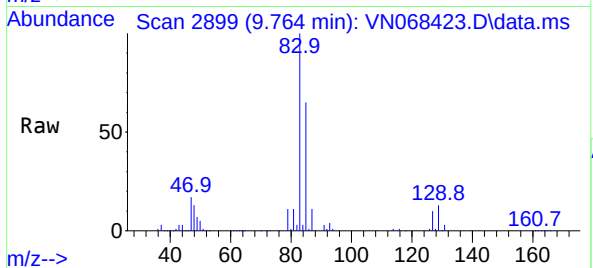
Tgt Ion: 93 Resp: 234795  
Ion Ratio Lower Upper  
93 100  
95 84.8 67.8 101.8  
174 120.4 96.3 144.5





#47  
Bromodichloromethane  
Concen: 53.305 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

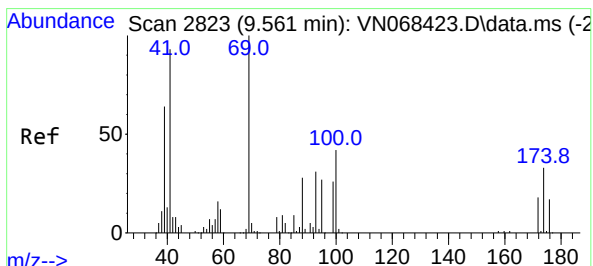
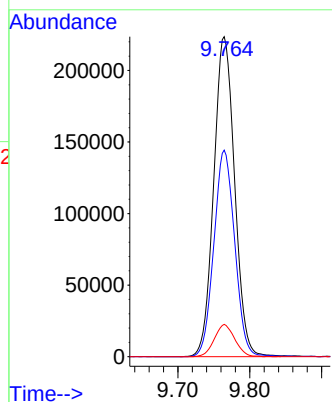
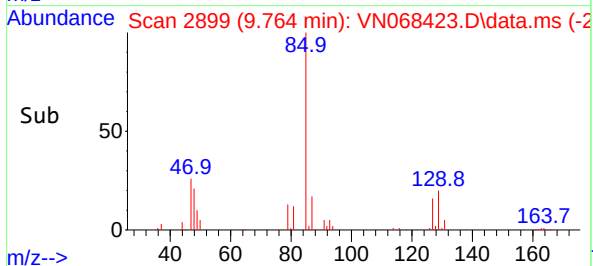
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



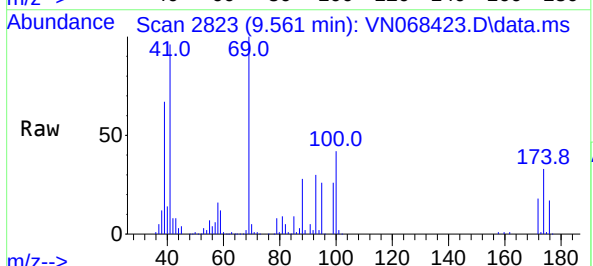
Tgt Ion: 83 Resp: 450728  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.6 77.4  
127 10.1 8.1 12.1

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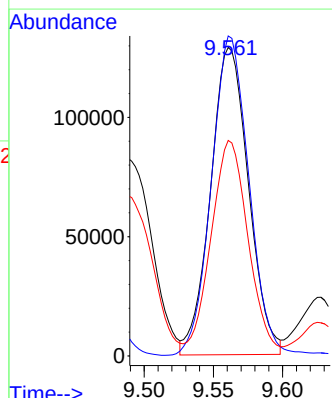
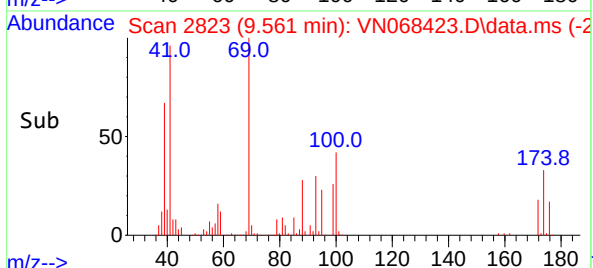
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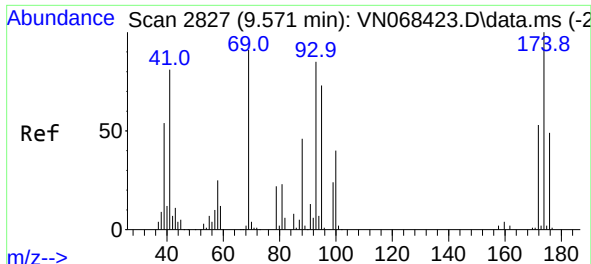


#48  
Methyl methacrylate  
Concen: 55.342 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

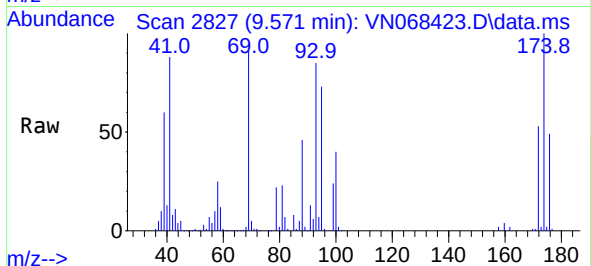


Tgt Ion: 41 Resp: 246082  
Ion Ratio Lower Upper  
41 100  
69 103.6 82.9 124.3  
39 62.9 50.3 75.5

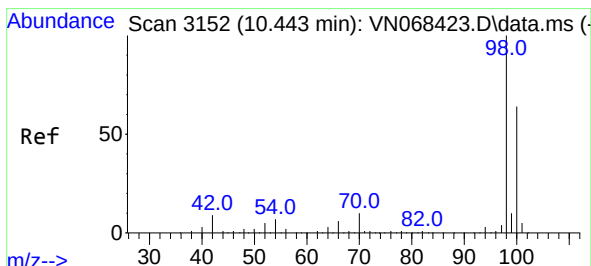
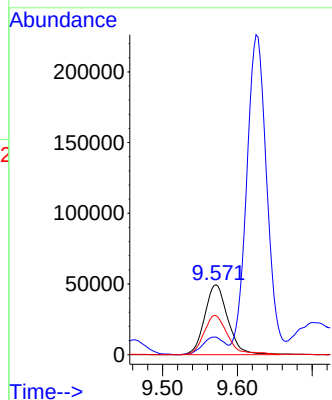
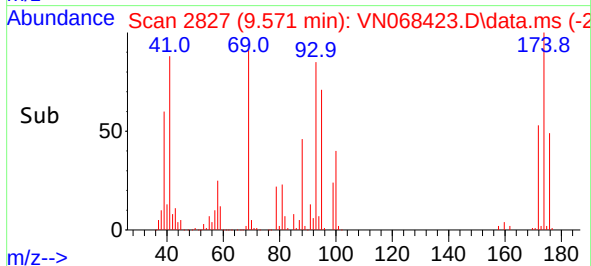




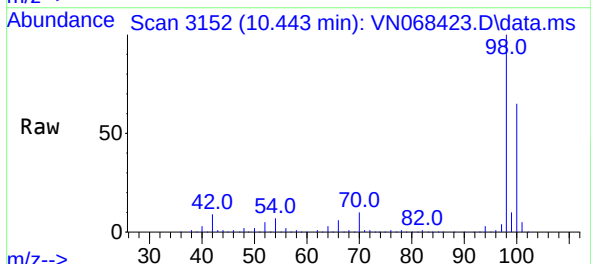
#49  
1,4-Dioxane  
Concen: 1031.036 ug/l  
RT: 9.571 min Scan# 2827  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



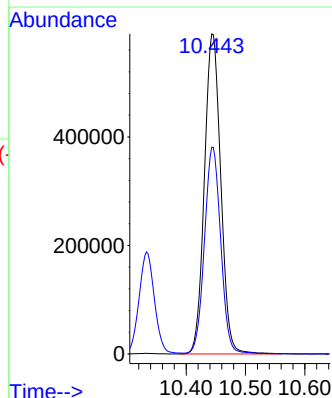
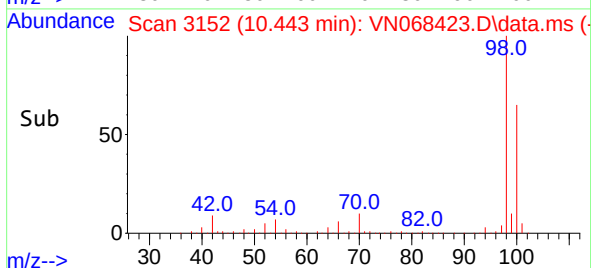
Tgt Ion: 88 Resp: 106615  
Ion Ratio Lower Upper  
88 100  
43 23.6 18.9 28.3  
58 58.2 46.6 69.8



#50  
Toluene-d8  
Concen: 50.992 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



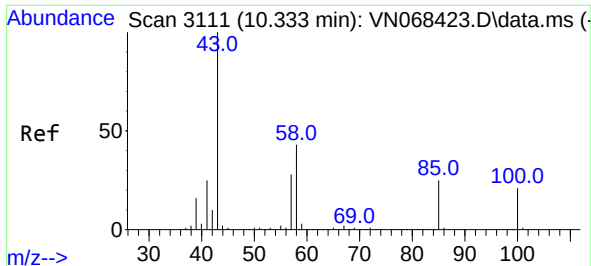
Tgt Ion: 98 Resp: 1129151  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.0 76.6



Instrument :  
MSVOA\_N  
ClientSampleId :  
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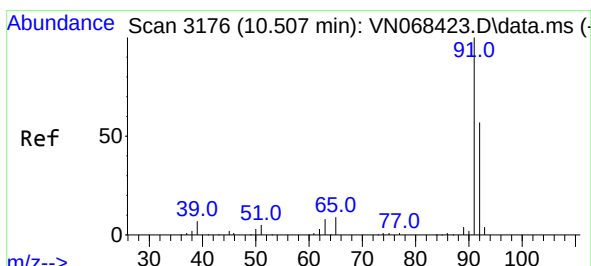
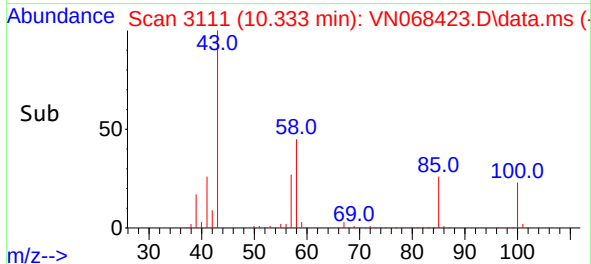
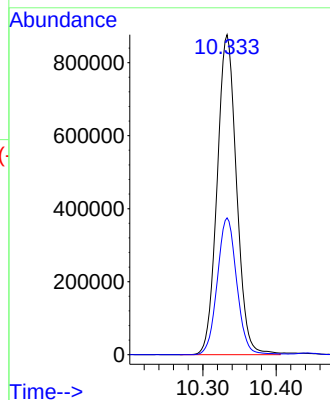
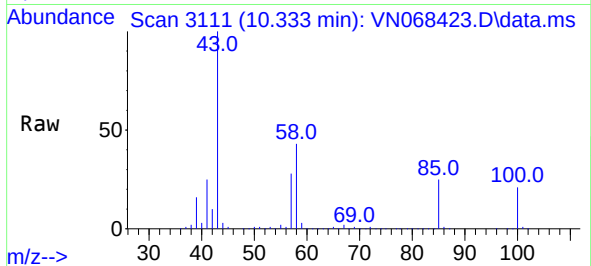
#51  
4-Methyl-2-Pentanone  
Concen: 256.136 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 43 Resp: 1612169  
Ion Ratio Lower Upper  
43 100  
58 42.9 34.3 51.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
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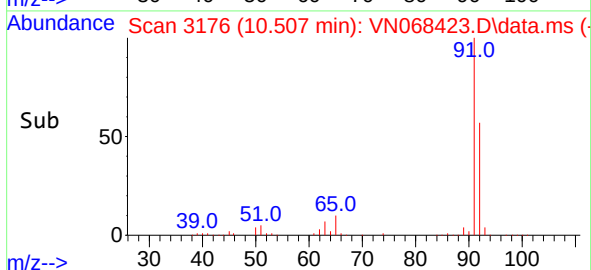
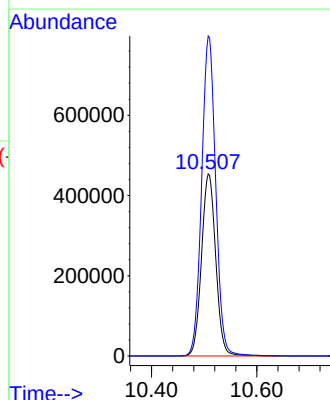
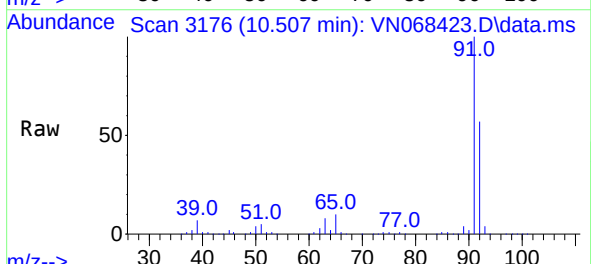
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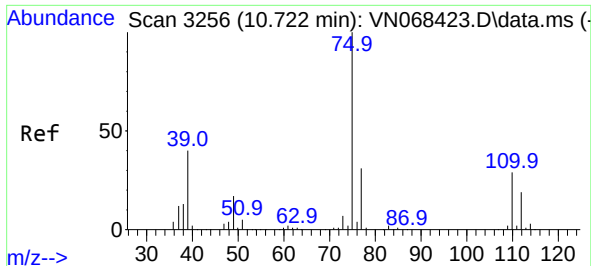
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#52  
Toluene  
Concen: 54.321 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 92 Resp: 848772  
Ion Ratio Lower Upper  
92 100  
91 174.2 139.4 209.0





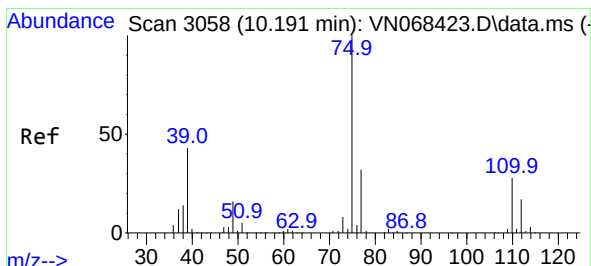
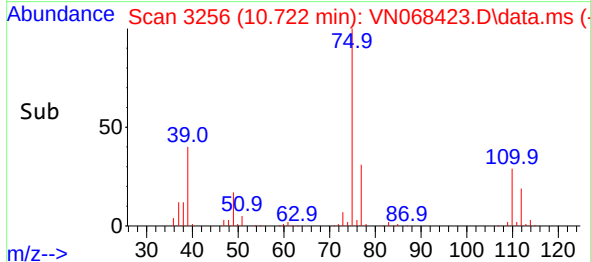
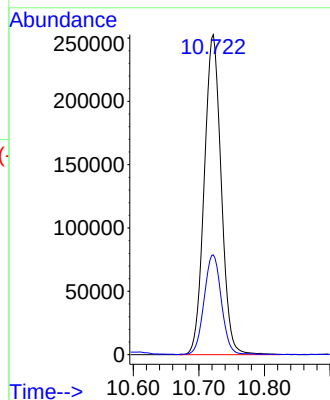
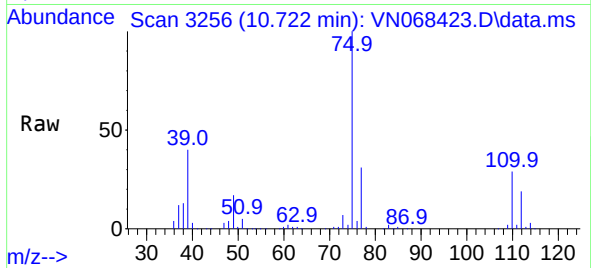
#53  
t-1,3-Dichloropropene  
Concen: 54.349 ug/l  
RT: 10.722 min Scan# 3256  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 75 Resp: 452906  
Ion Ratio Lower Upper  
75 100  
77 31.1 24.9 37.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

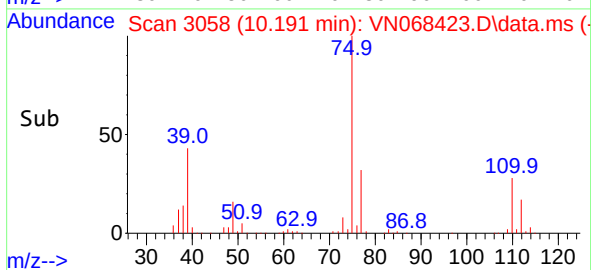
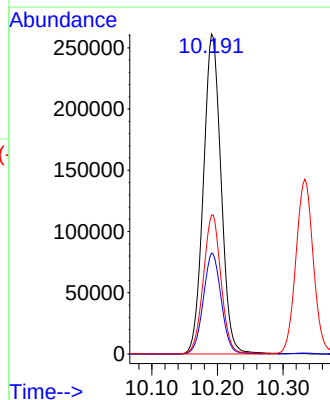
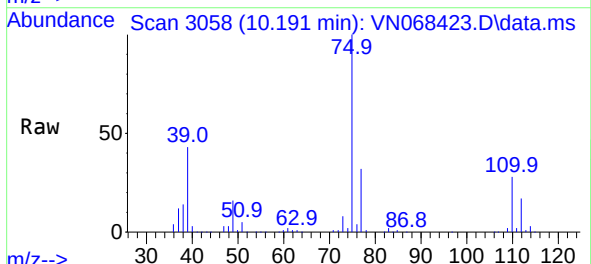
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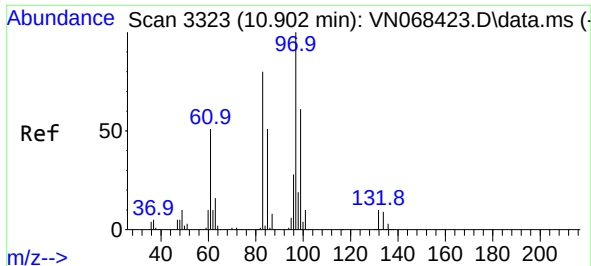
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#54  
cis-1,3-Dichloropropene  
Concen: 54.891 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

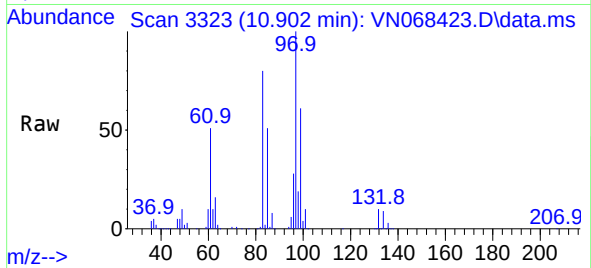
Tgt Ion: 75 Resp: 488793  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.3 37.9  
39 43.3 34.6 52.0





#55  
1,1,2-Trichloroethane  
Concen: 52.797 ug/l  
RT: 10.902 min Scan# 3323  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

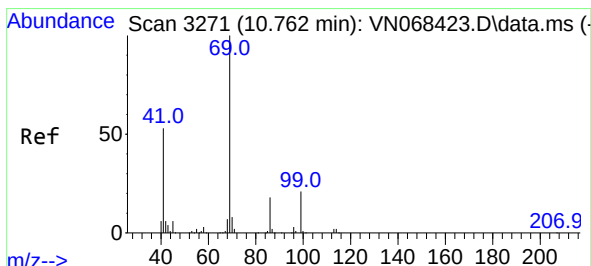
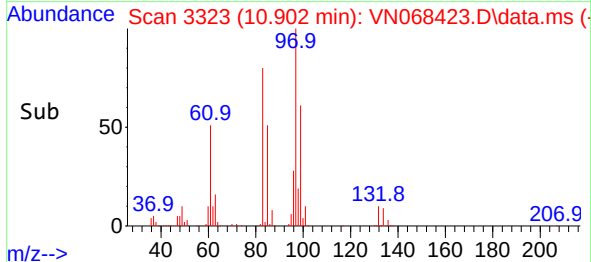
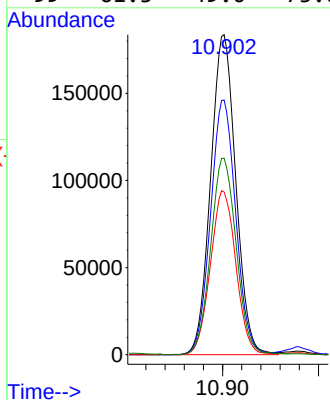
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



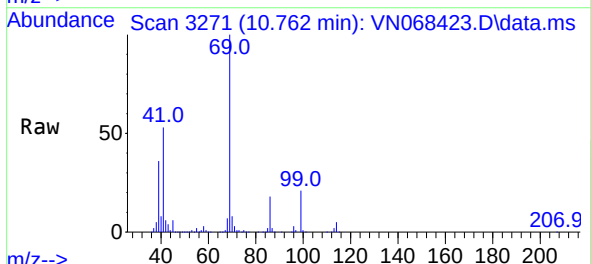
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 334918 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 79.6  | 63.7  | 95.5   |
| 85       | 50.9  | 40.7  | 61.1   |
| 99       | 61.3  | 49.0  | 73.6   |

Manual Integrations  
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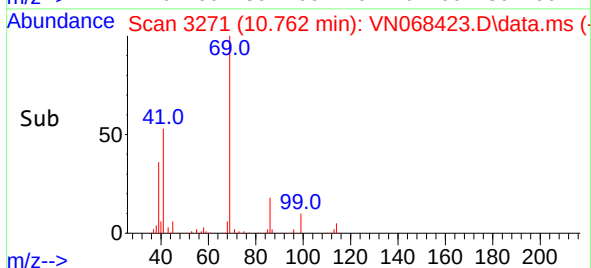
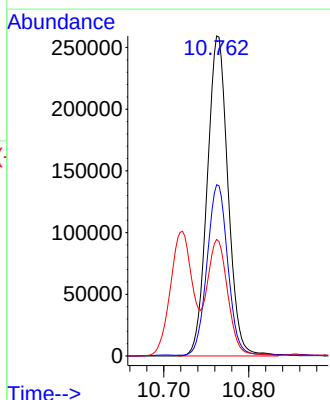
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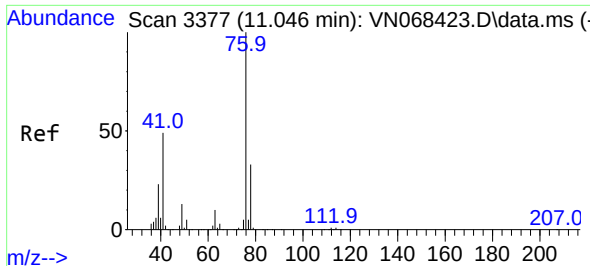
#56  
Ethyl methacrylate  
Concen: 56.784 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 440891 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 53.0  | 42.4  | 63.6   |
| 39       | 35.6  | 28.5  | 42.7   |

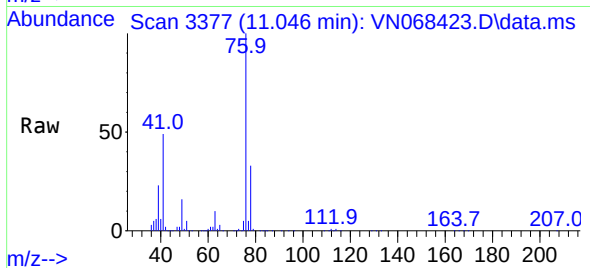






#57  
1,3-Dichloropropane  
Concen: 53.029 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

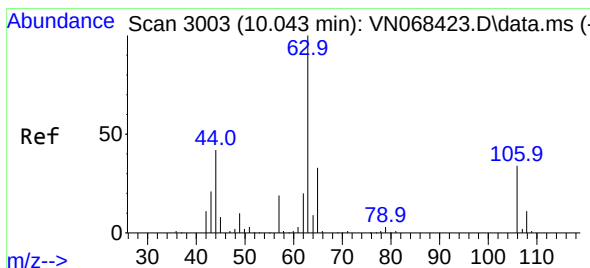
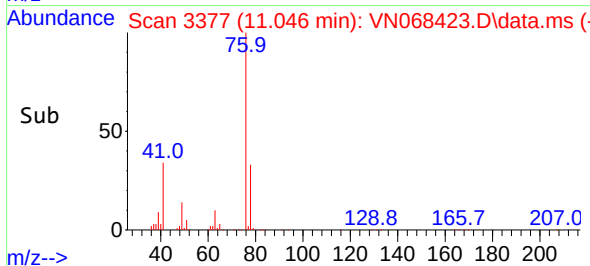
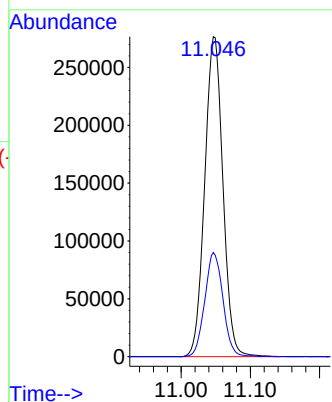
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



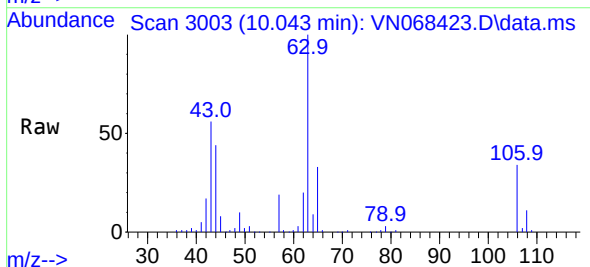
Tgt Ion: 76 Resp: 505322  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.9 38.9

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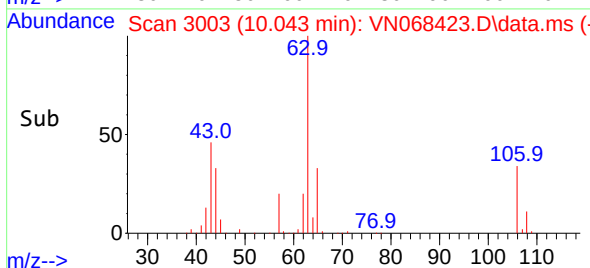
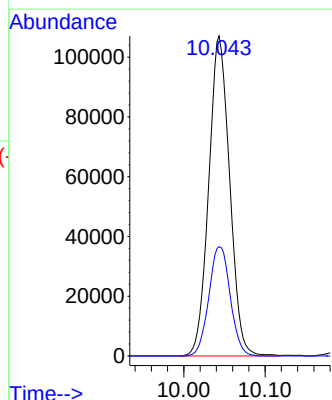
MMDadoda  
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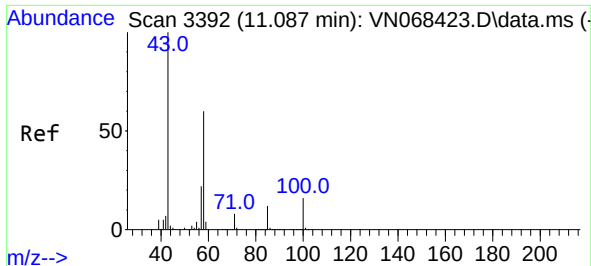


#58  
2-Chloroethyl Vinyl ether  
Concen: 177.640 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



Tgt Ion: 63 Resp: 191458  
Ion Ratio Lower Upper  
63 100  
106 34.9 27.9 41.9





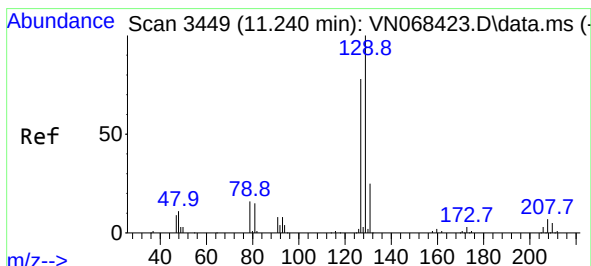
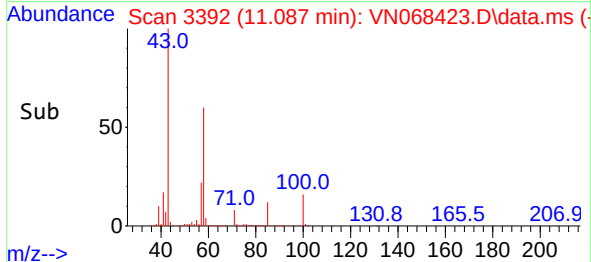
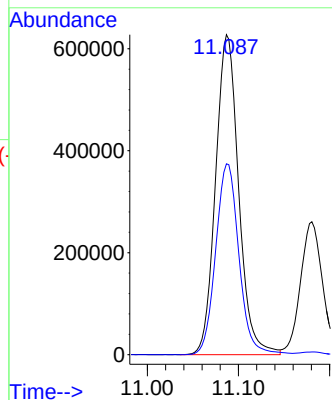
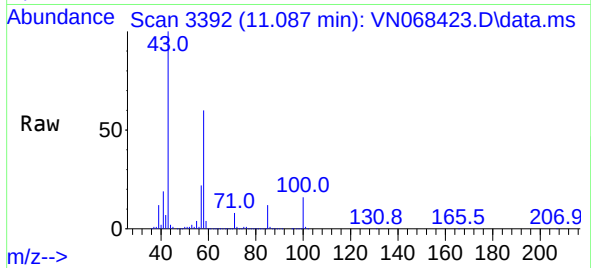
#59  
2-Hexanone  
Concen: 253.173 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 43 Resp: 1103006  
Ion Ratio Lower Upper  
43 100  
58 60.1 30.0 90.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

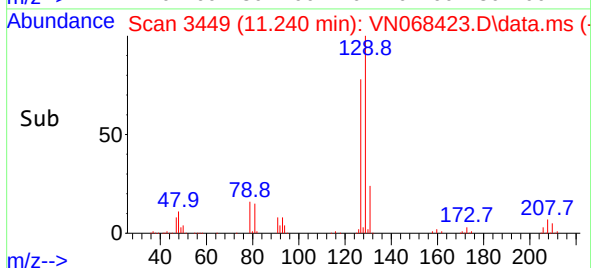
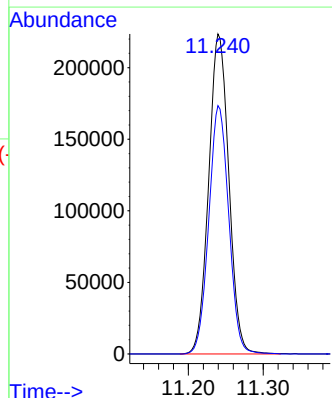
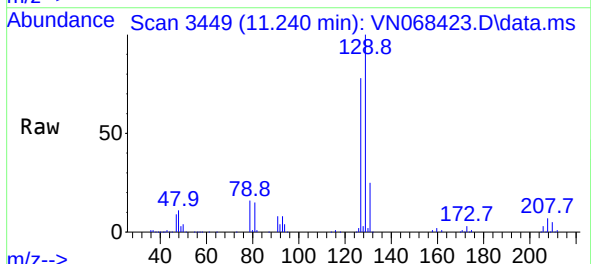
Manual Integrations  
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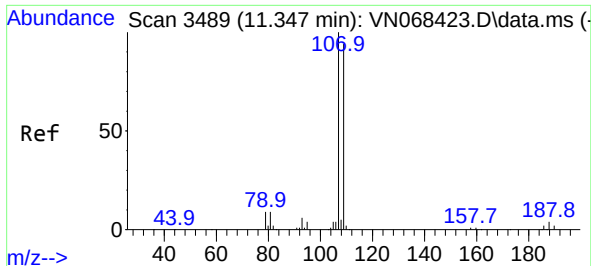
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#60  
Dibromochloromethane  
Concen: 57.319 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

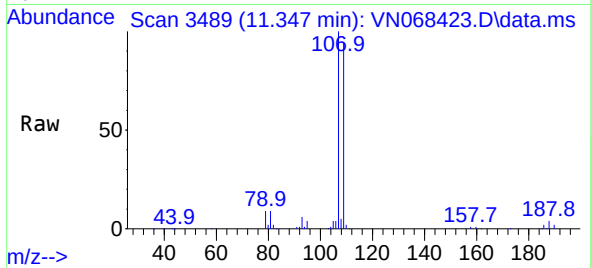
Tgt Ion:129 Resp: 418222  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.5 115.3





#61  
1,2-Dibromoethane  
Concen: 54.265 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

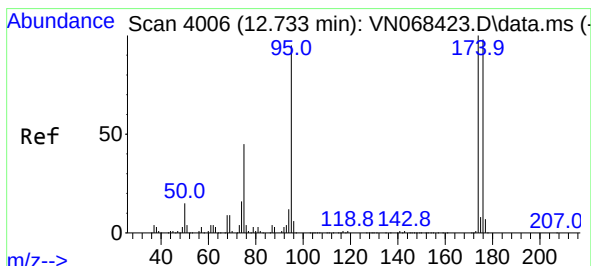
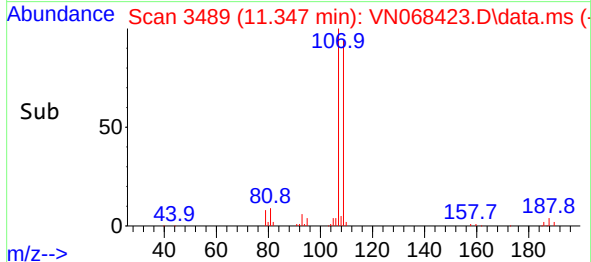
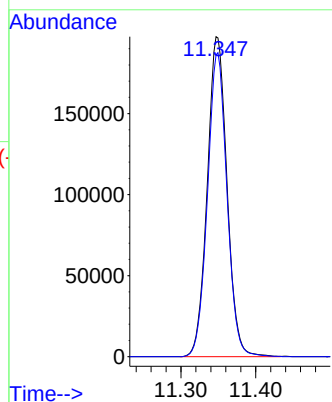
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



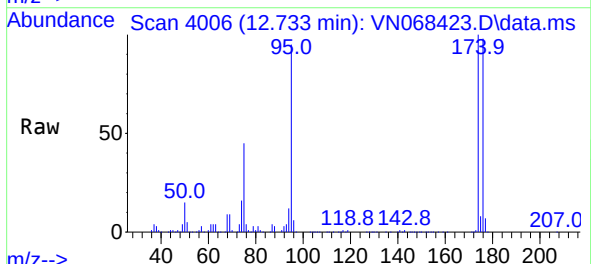
Tgt Ion:107 Resp: 362014  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.0 112.4

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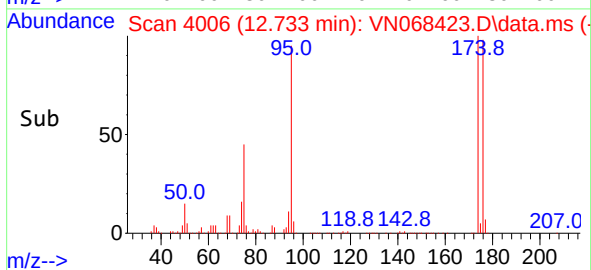
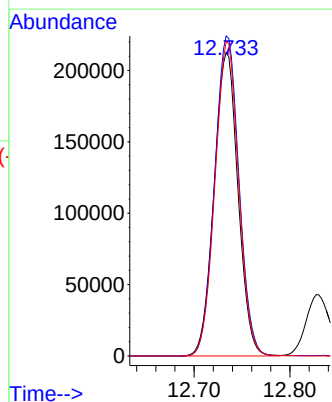
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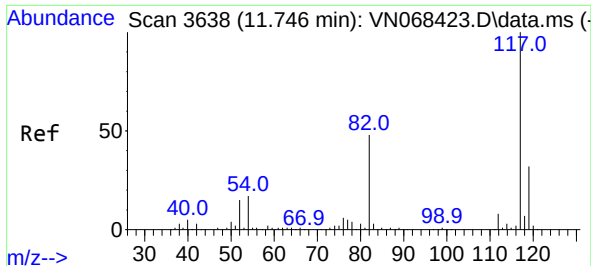


#62  
4-Bromofluorobenzene  
Concen: 51.160 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



Tgt Ion: 95 Resp: 368459  
Ion Ratio Lower Upper  
95 100  
174 107.0 0.0 214.0  
176 102.7 0.0 205.4





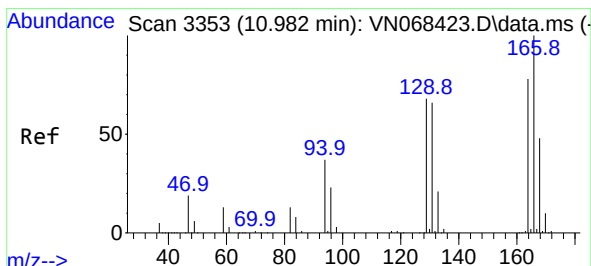
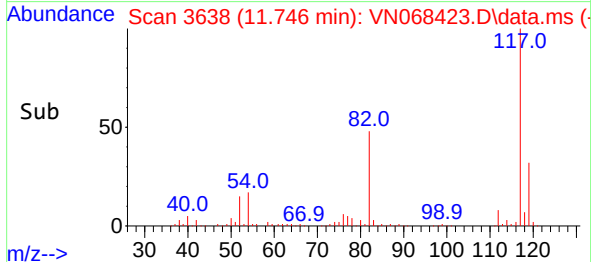
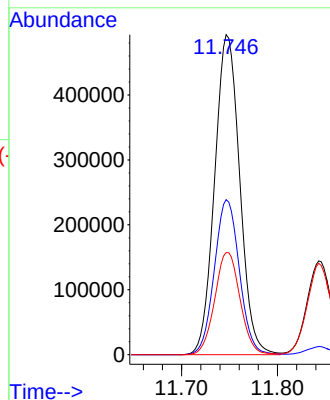
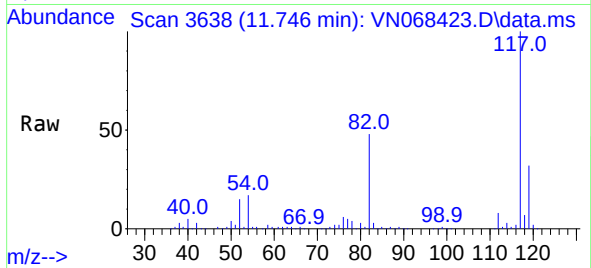
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion:117 Resp: 896136  
Ion Ratio Lower Upper  
117 100  
82 48.4 38.7 58.1  
119 31.9 25.5 38.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

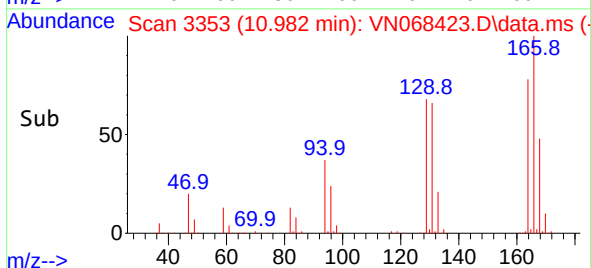
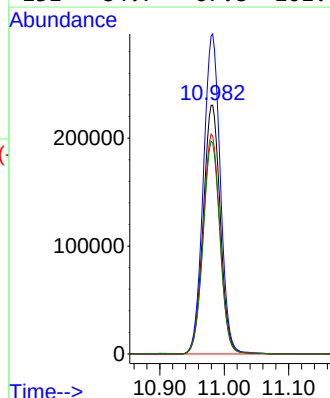
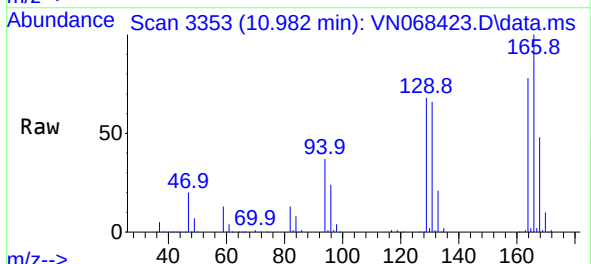
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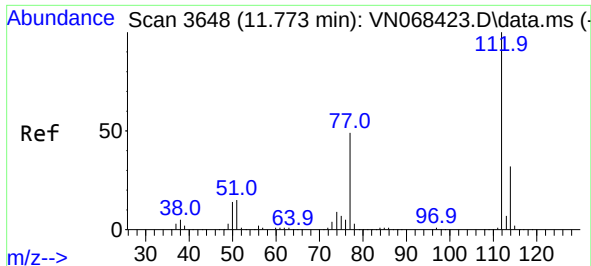
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#64  
Tetrachloroethene  
Concen: 59.175 ug/l  
RT: 10.982 min Scan# 3353  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion:164 Resp: 424119  
Ion Ratio Lower Upper  
164 100  
166 128.6 102.9 154.3  
129 87.6 70.1 105.1  
131 84.7 67.8 101.6





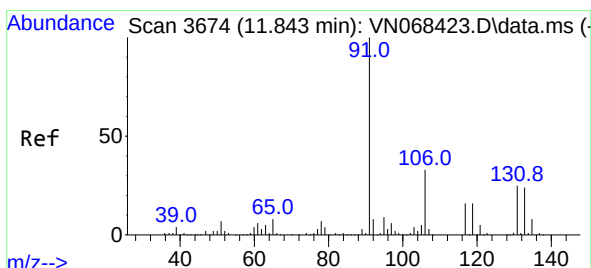
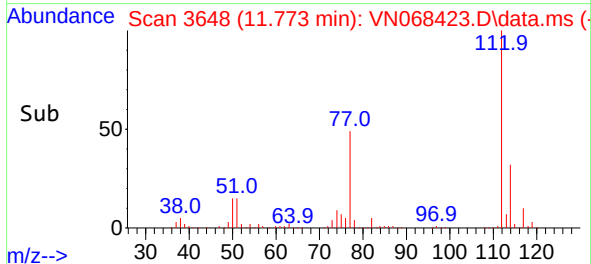
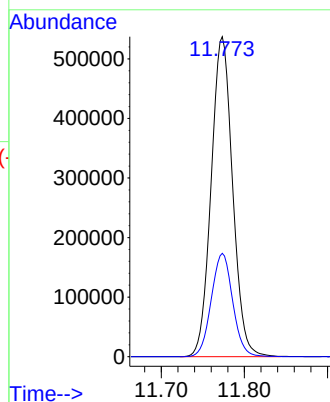
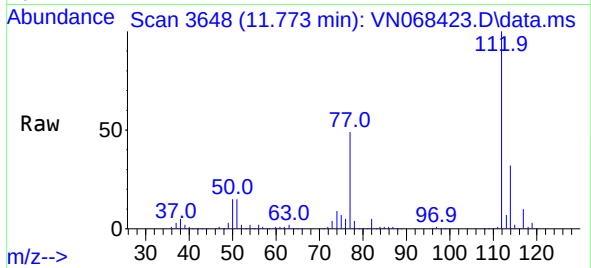
#65  
Chlorobenzene  
Concen: 53.217 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion:112 Resp: 962223  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.8

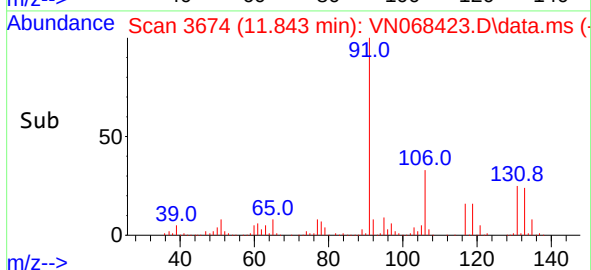
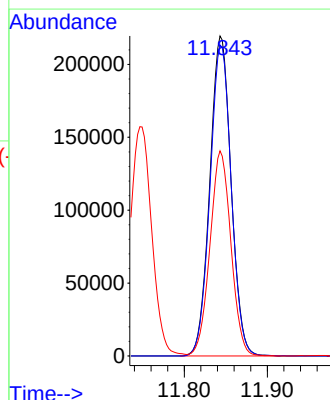
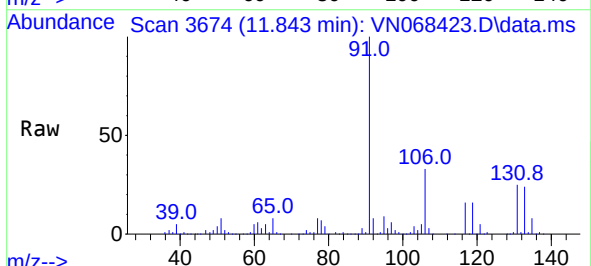
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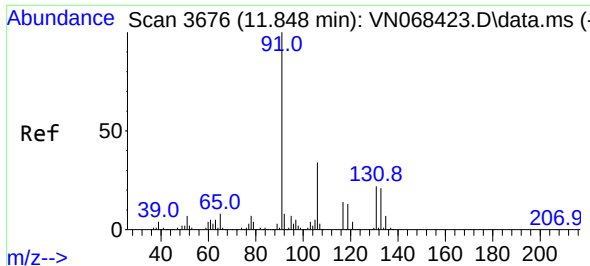
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.237 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

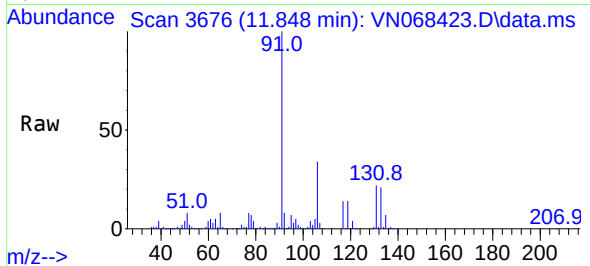
Tgt Ion:131 Resp: 389978  
Ion Ratio Lower Upper  
131 100  
133 97.1 48.5 145.6  
119 62.9 31.4 94.3





#67  
Ethyl Benzene  
Concen: 54.552 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

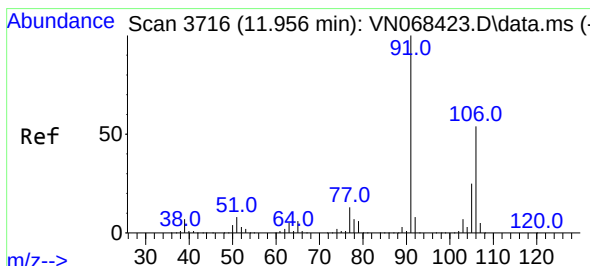
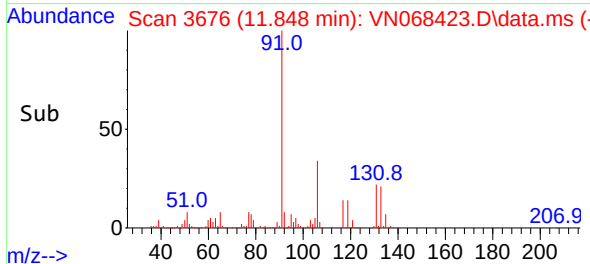
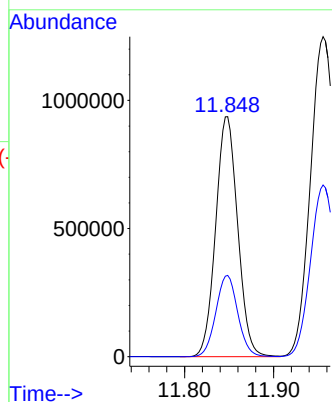
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 91 Resp: 1610169  
Ion Ratio Lower Upper  
91 100  
106 33.9 27.1 40.7

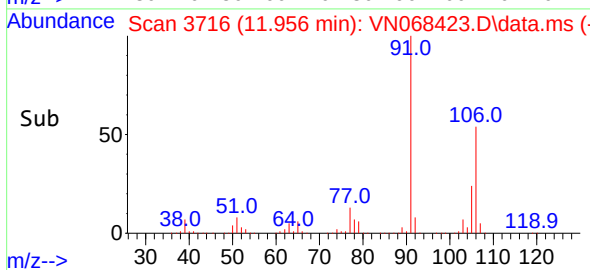
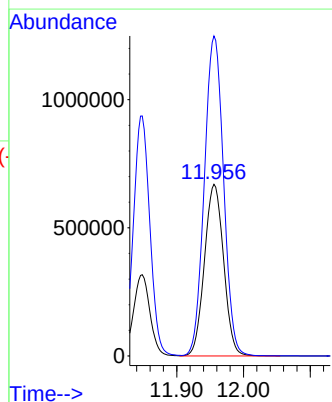
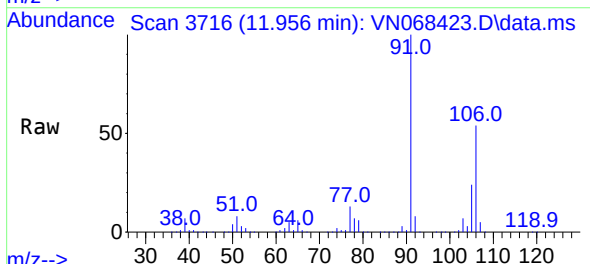
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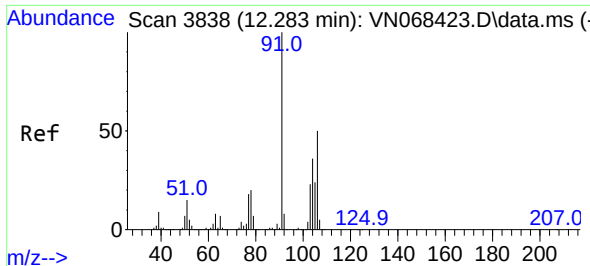
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#68  
m/p-Xylenes  
Concen: 112.068 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

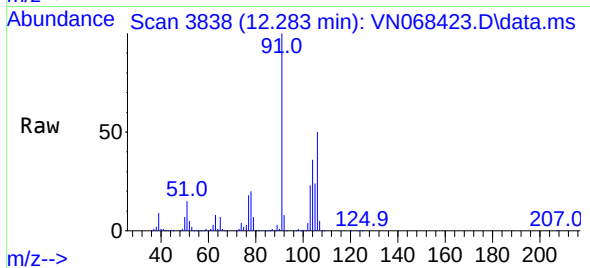
Tgt Ion: 106 Resp: 1334202  
Ion Ratio Lower Upper  
106 100  
91 186.9 149.5 224.3





#69  
o-Xylene  
Concen: 56.485 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

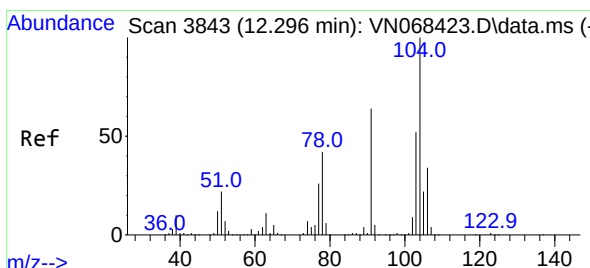
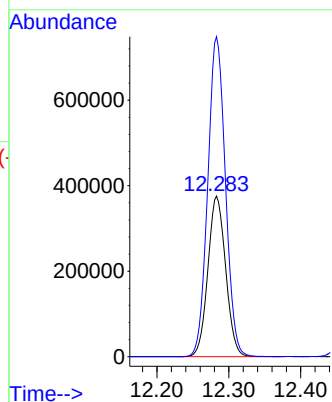
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MSVOA\_N  
ClientSampleId :  
VSTDICCC050



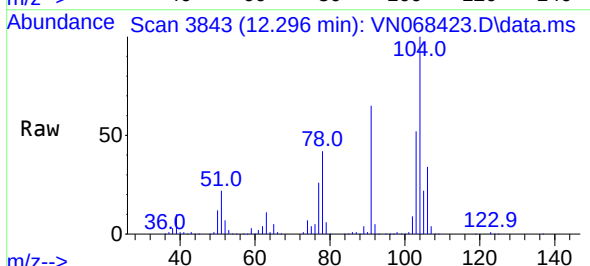
Tgt Ion:106 Resp: 645133  
Ion Ratio Lower Upper  
106 100  
91 198.5 99.3 297.8

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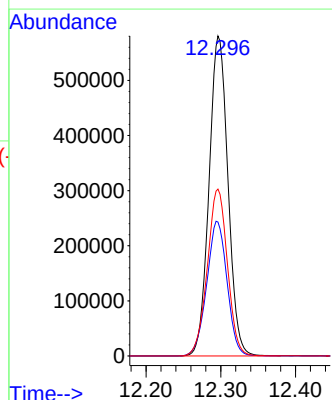
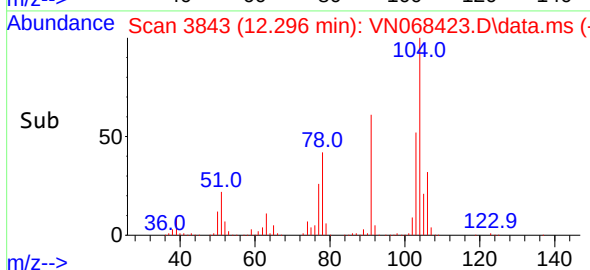
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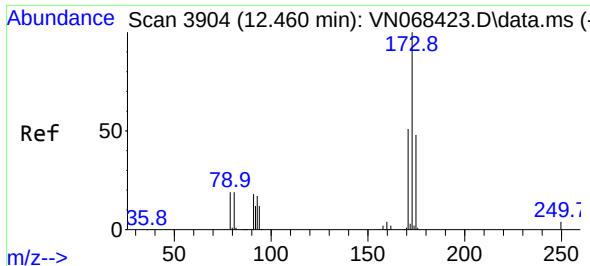


#70  
Styrene  
Concen: 57.035 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



Tgt Ion:104 Resp: 1022687  
Ion Ratio Lower Upper  
104 100  
78 45.2 36.2 54.2  
103 55.5 44.4 66.6





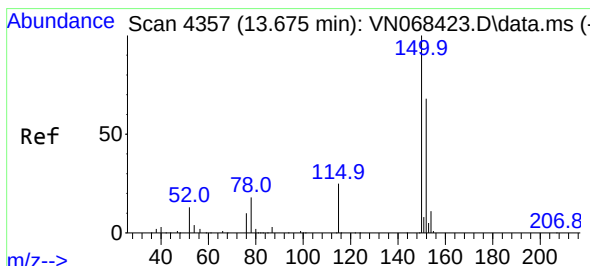
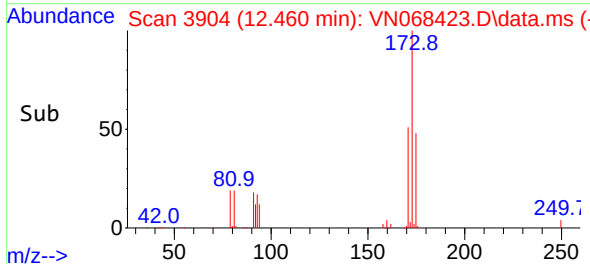
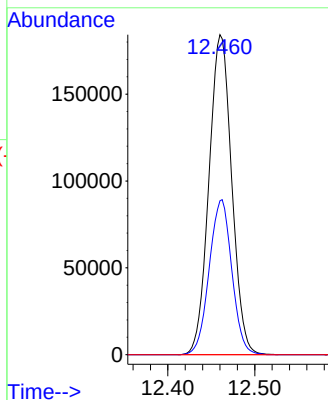
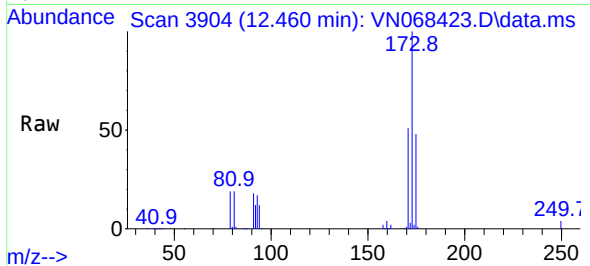
#71  
Bromoform  
Concen: 59.253 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion:173 Resp: 335256  
Ion Ratio Lower Upper  
173 100  
175 48.2 24.1 72.3  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

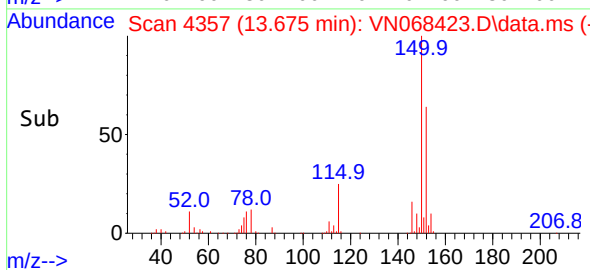
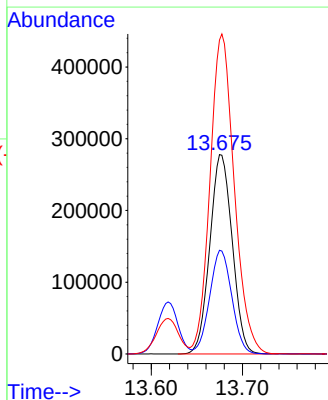
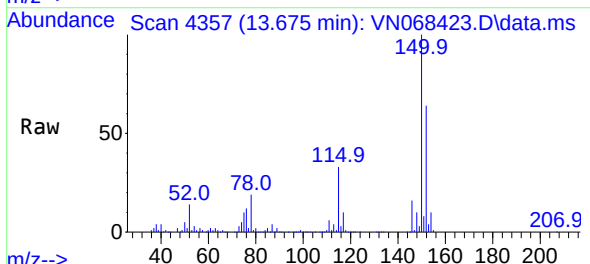
Manual Integrations  
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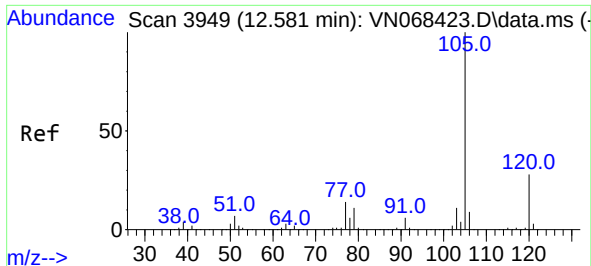


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion:152 Resp: 474798  
Ion Ratio Lower Upper  
152 100  
115 51.1 25.6 76.6  
150 173.4 0.0 346.8







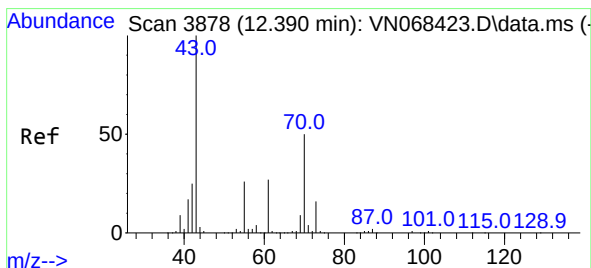
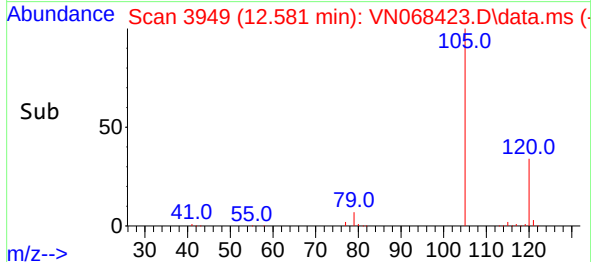
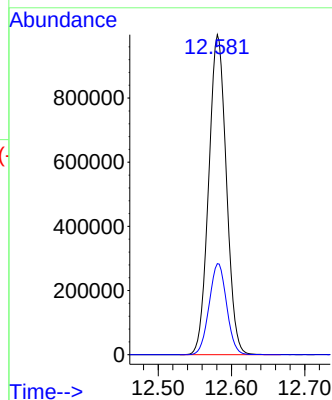
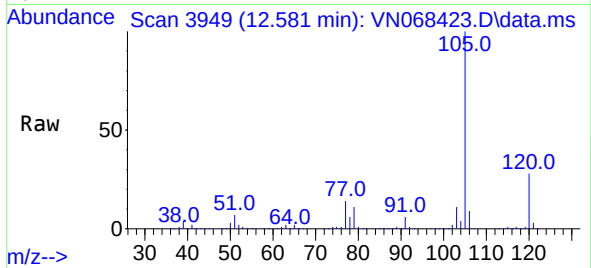
#73  
Isopropylbenzene  
Concen: 49.024 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion:105 Resp: 1668560  
Ion Ratio Lower Upper  
105 100  
120 28.2 14.1 42.3

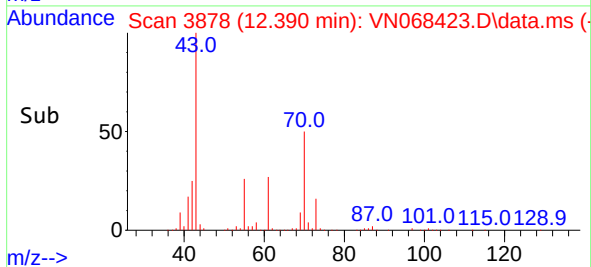
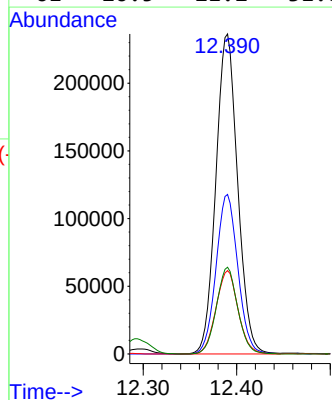
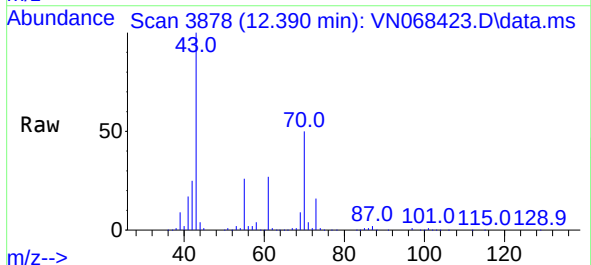
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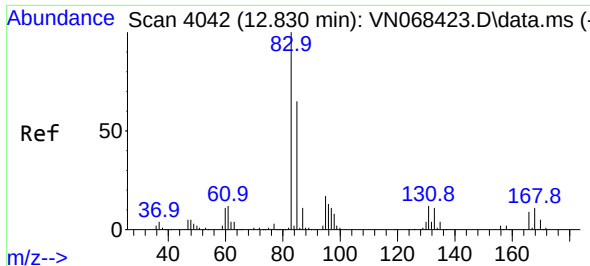
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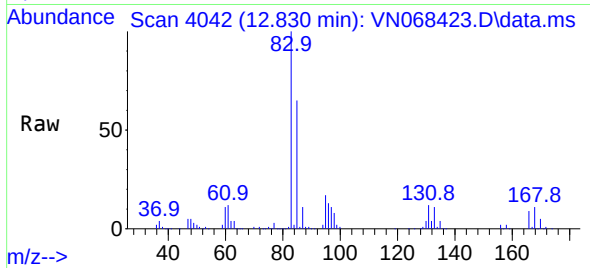
#74  
N-ethyl acetate  
Concen: 45.676 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 43 Resp: 382506  
Ion Ratio Lower Upper  
43 100  
70 50.0 40.0 60.0  
55 26.4 21.1 31.7  
61 26.5 21.2 31.8

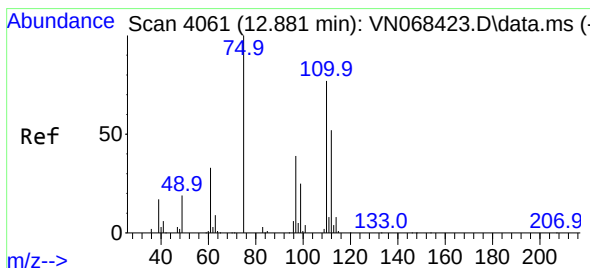
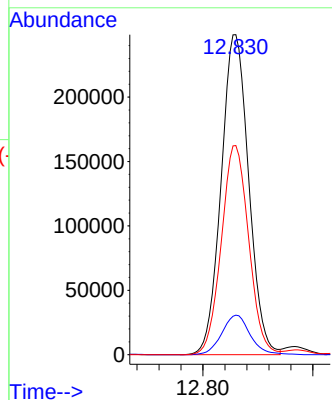
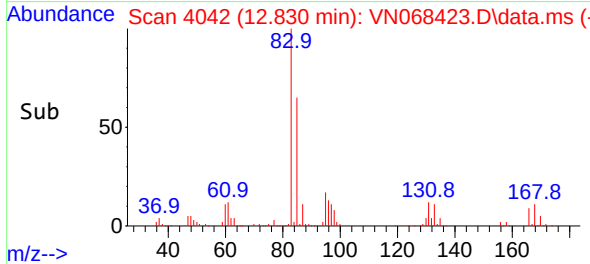




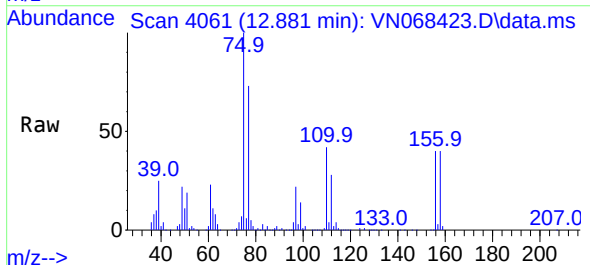
#75  
1,1,2,2-Tetrachloroethane  
Concen: 42.883 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



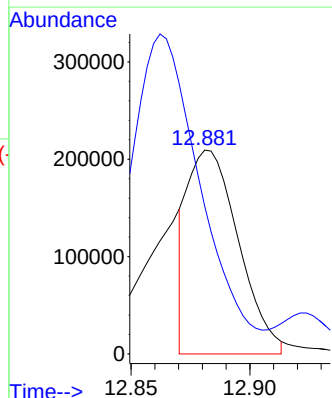
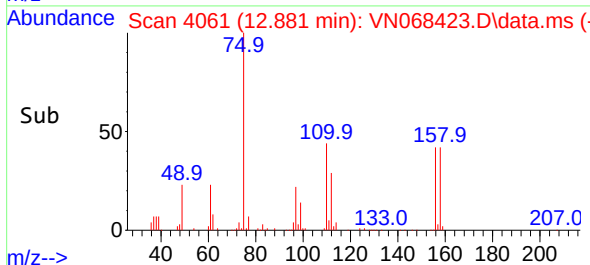
Tgt Ion: 83 Resp: 433124  
Ion Ratio Lower Upper  
83 100  
131 12.7 6.3 19.1  
85 64.9 32.5 97.4



#76  
1,2,3-Trichloropropane  
Concen: 38.675 ug/l m  
RT: 12.881 min Scan# 4061  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



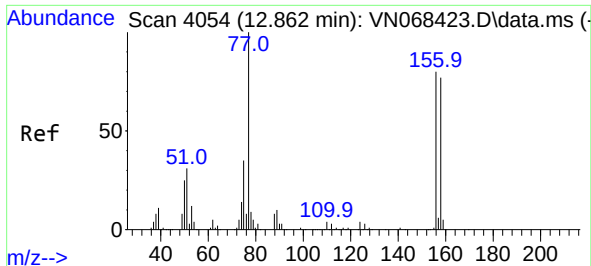
Tgt Ion: 75 Resp: 313022  
Ion Ratio Lower Upper  
75 100  
77 217.3 100.9 302.7



Instrument :  
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ClientSampleId :  
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#77  
Bromobenzene  
Concen: 48.474 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

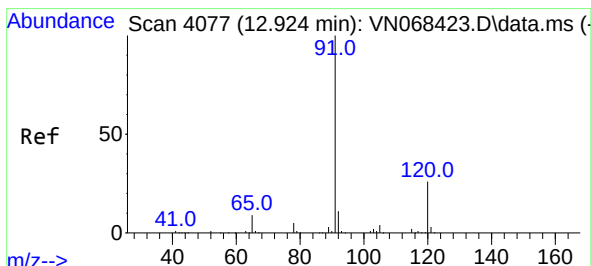
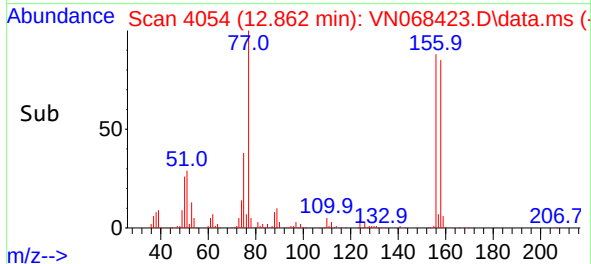
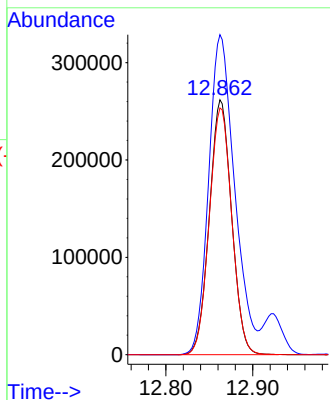
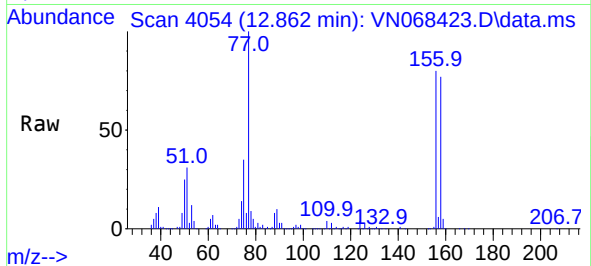
Tgt Ion: 156 Resp: 465779  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 146.0 | 73.0  | 219.0 |
| 158 | 98.1  | 49.0  | 147.2 |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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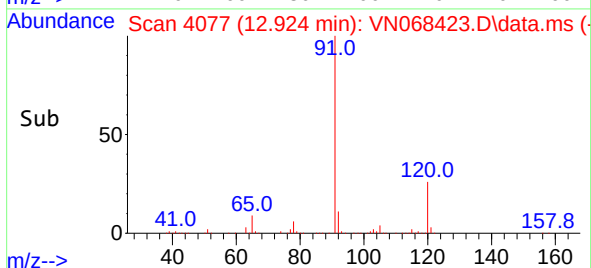
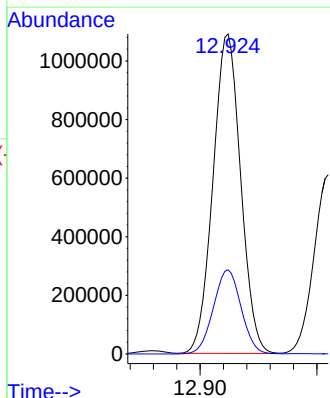
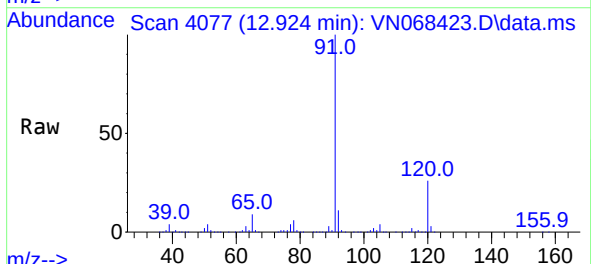
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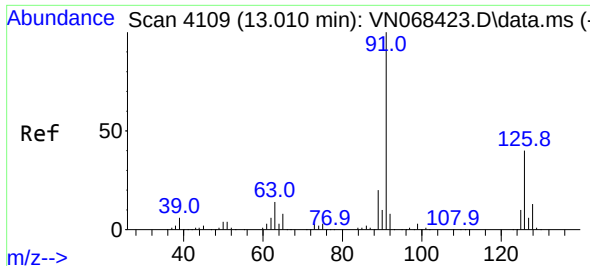


#78  
n-propylbenzene  
Concen: 49.675 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 91 Resp: 1790289  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 26.4  | 13.2  | 39.6  |





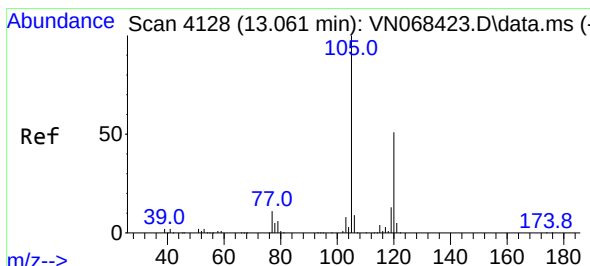
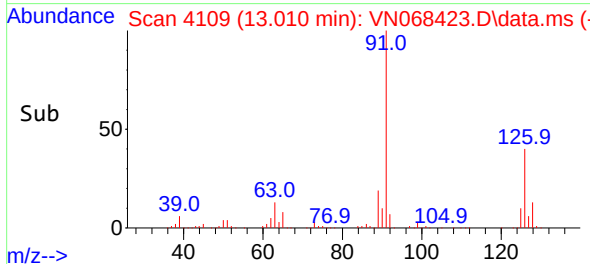
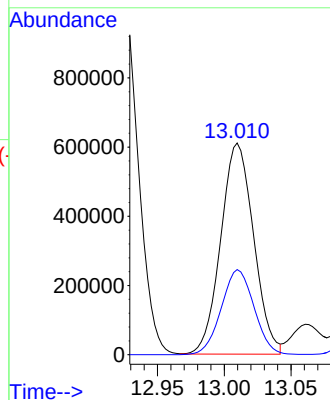
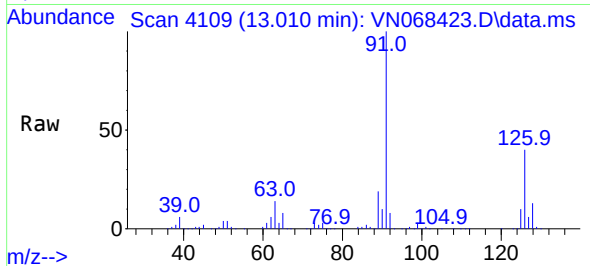
#79  
2-Chlorotoluene  
Concen: 47.025 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

Tgt Ion: 91 Resp: 1045861  
Ion Ratio Lower Upper  
91 100  
126 40.2 20.1 60.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

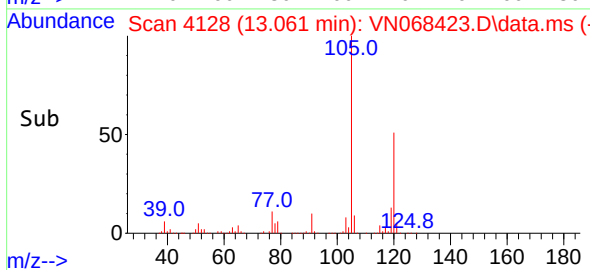
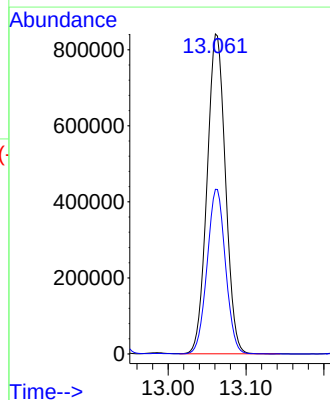
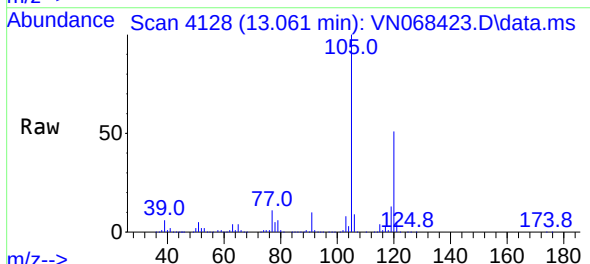
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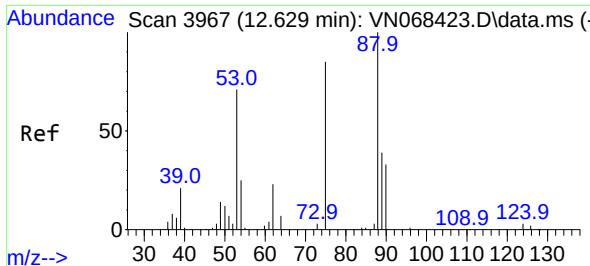
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#80  
1,3,5-Trimethylbenzene  
Concen: 49.997 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

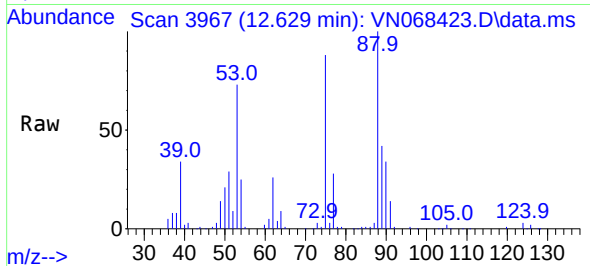
Tgt Ion:105 Resp: 1381631  
Ion Ratio Lower Upper  
105 100  
120 51.4 25.7 77.1





#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.933 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

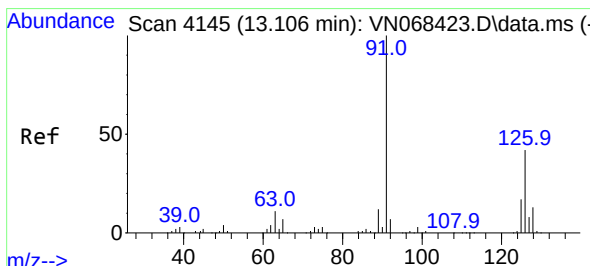
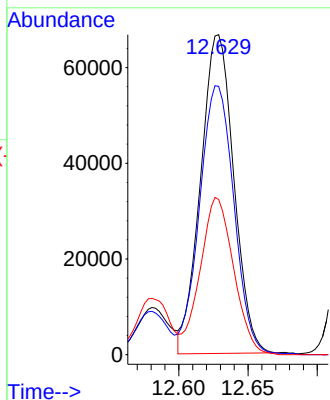
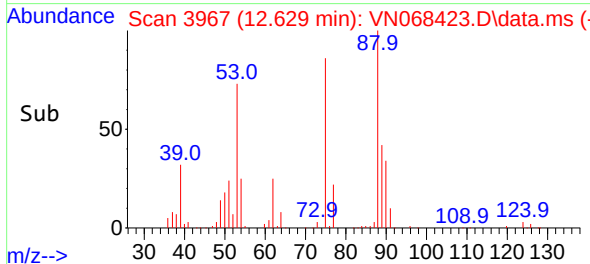
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



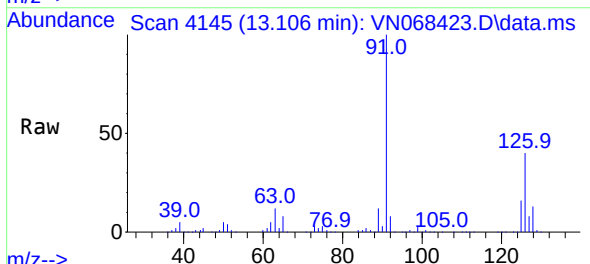
Tgt Ion: 75 Resp: 111219  
Ion Ratio Lower Upper  
75 100  
53 88.2 70.6 105.8  
89 49.4 39.5 59.3

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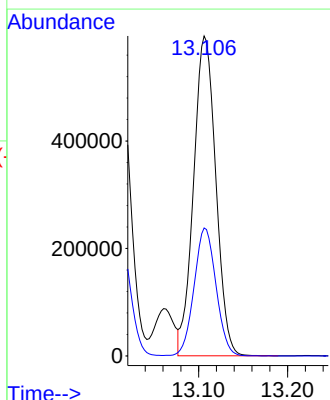
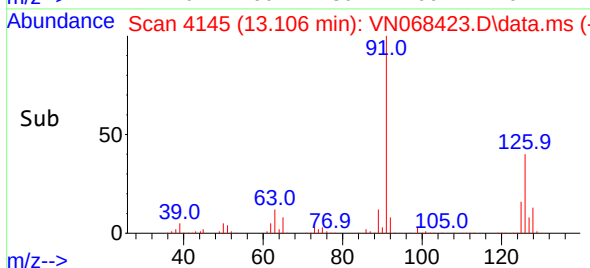
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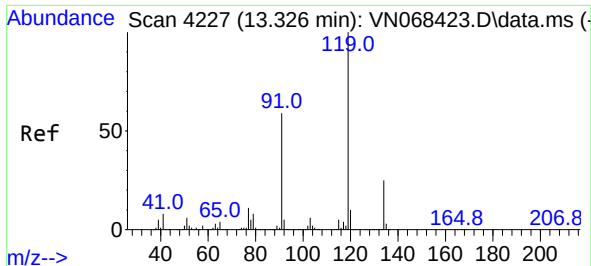


#82  
4-Chlorotoluene  
Concen: 47.955 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



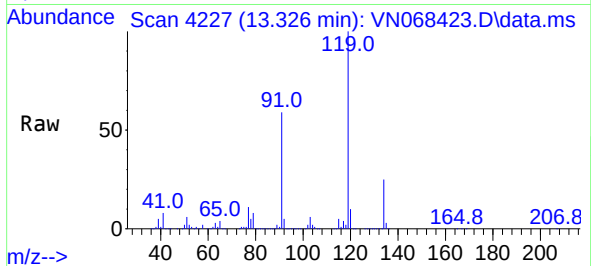
Tgt Ion: 91 Resp: 1031980  
Ion Ratio Lower Upper  
91 100  
126 39.5 19.8 59.3





#83  
tert-Butylbenzene  
Concen: 50.239 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

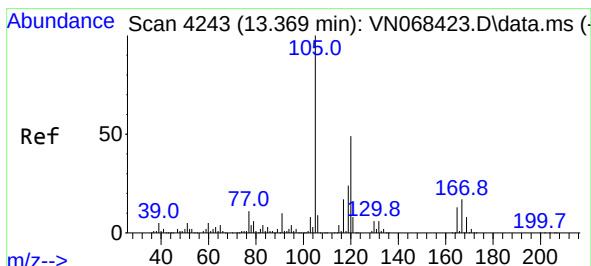
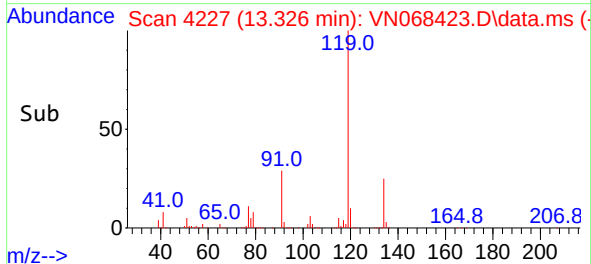
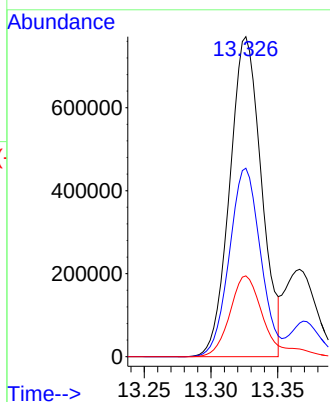
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



Tgt Ion:119 Resp: 1274876  
Ion Ratio Lower Upper  
119 100  
91 58.3 29.1 87.4  
134 27.3 13.7 41.0

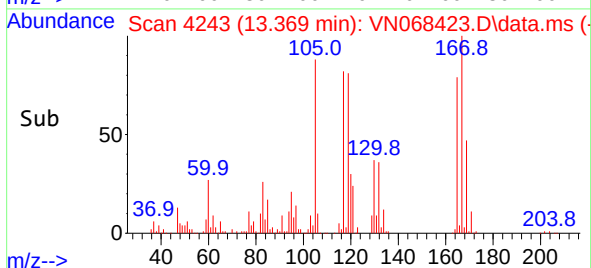
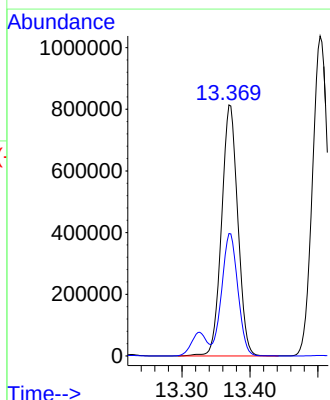
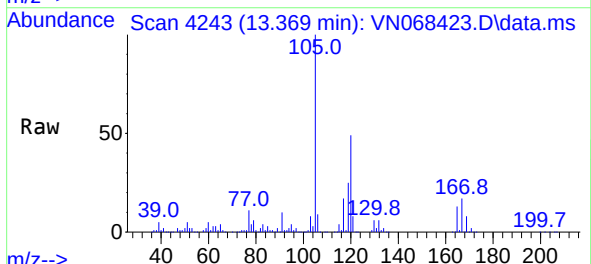
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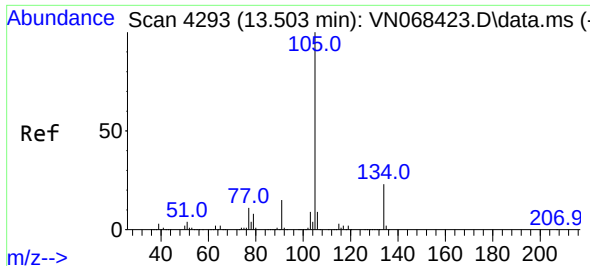
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#84  
1,2,4-Trimethylbenzene  
Concen: 49.965 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

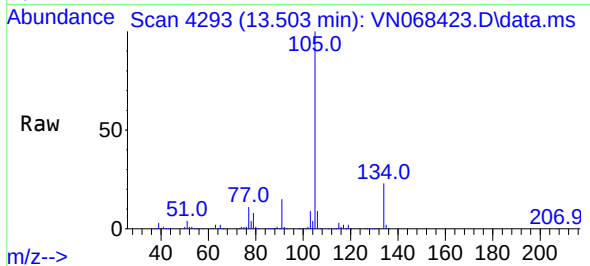
Tgt Ion:105 Resp: 1348629  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.3 72.9





#85  
 sec-Butylbenzene  
 Concen: 50.697 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN068423.D  
 Acq: 7 Sep 2021 15:18

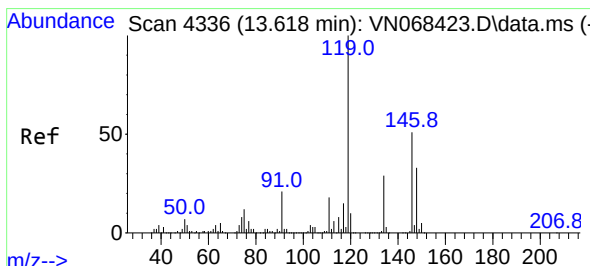
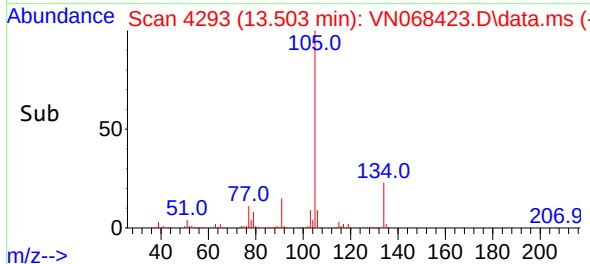
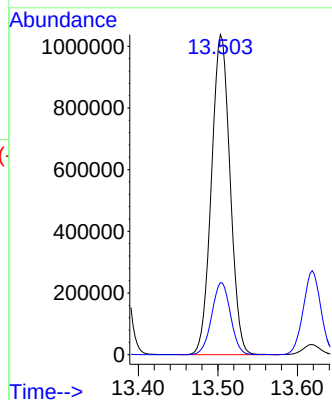
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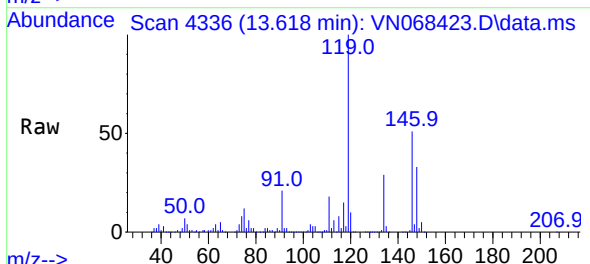
Tgt Ion:105 Resp: 1687299  
 Ion Ratio Lower Upper  
 105 100  
 134 22.7 11.4 34.1

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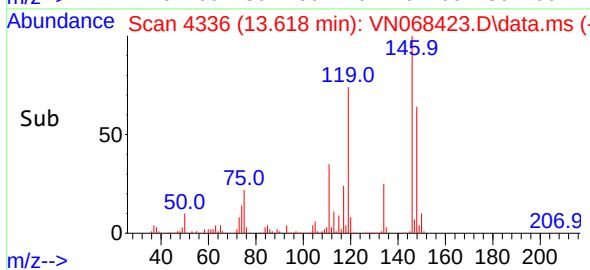
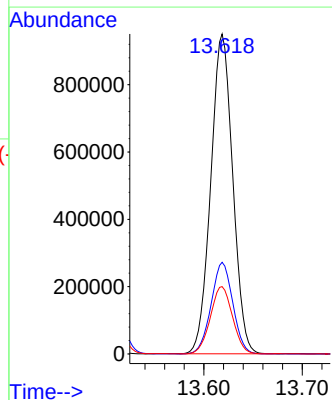
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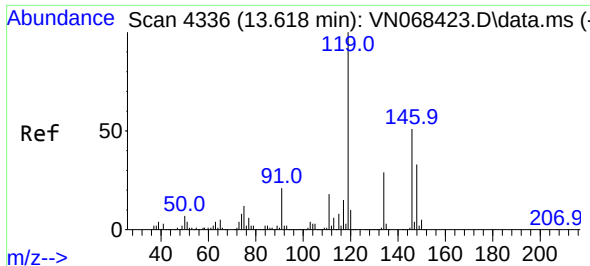


#86  
 p-Isopropyltoluene  
 Concen: 53.418 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN068423.D  
 Acq: 7 Sep 2021 15:18



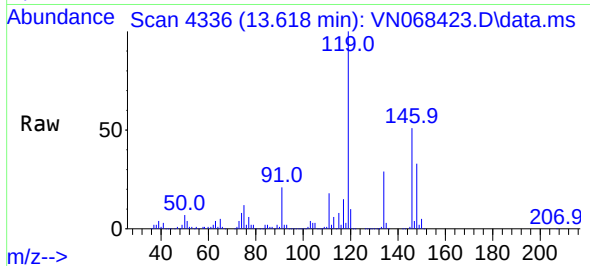
Tgt Ion:119 Resp: 1474914  
 Ion Ratio Lower Upper  
 119 100  
 134 28.3 14.1 42.4  
 91 21.2 10.6 31.8





#87  
1,3-Dichlorobenzene  
Concen: 50.478 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

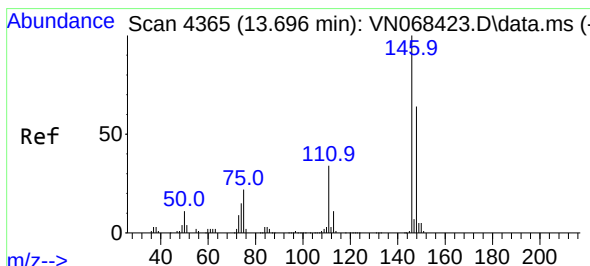
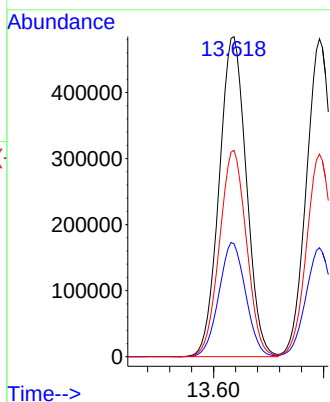
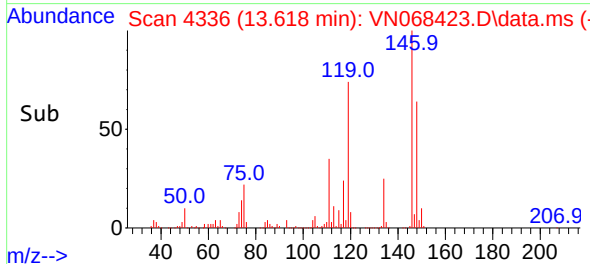
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



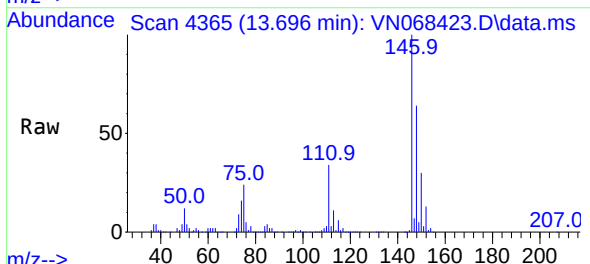
Tgt Ion:146 Resp: 830973  
Ion Ratio Lower Upper  
146 100  
111 35.2 17.6 52.8  
148 64.2 32.1 96.3

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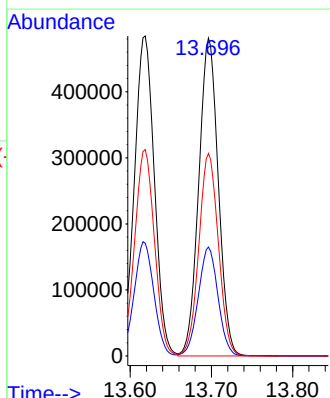
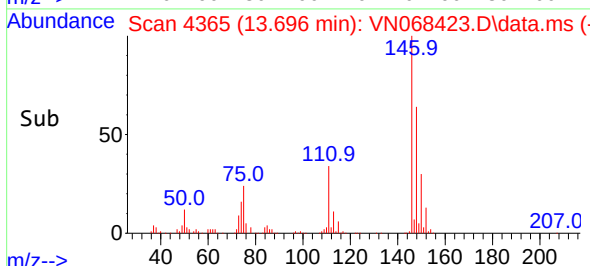
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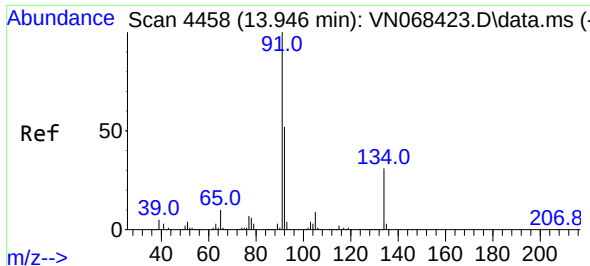
#88  
1,4-Dichlorobenzene  
Concen: 49.104 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



Tgt Ion:146 Resp: 803928  
Ion Ratio Lower Upper  
146 100  
111 34.4 17.2 51.6  
148 63.8 31.9 95.7

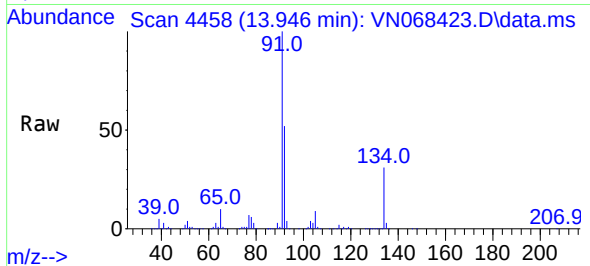






#89  
n-Butylbenzene  
Concen: 50.594 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

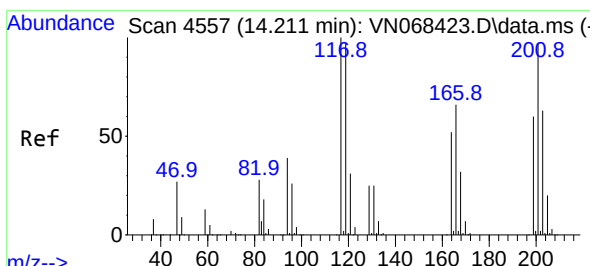
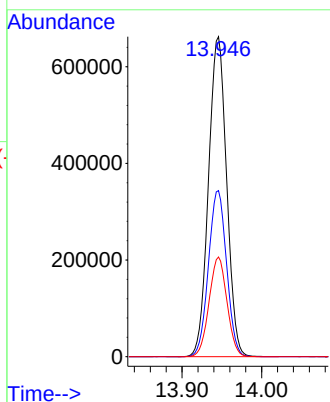
Instrument :  
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ClientSampleId :  
VSTDICCC050



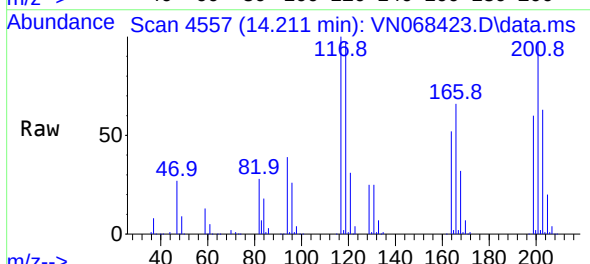
Tgt Ion: 91 Resp: 1049484  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.0 78.0  
134 30.8 15.4 46.2

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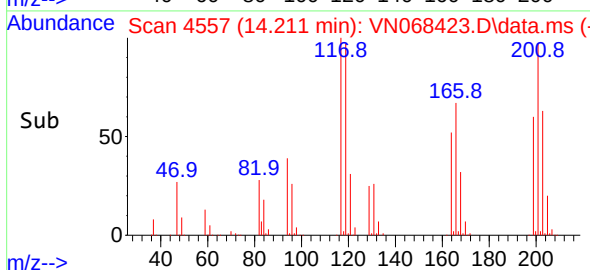
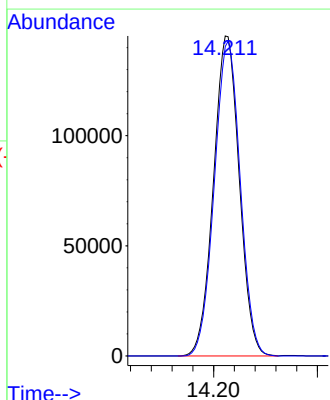
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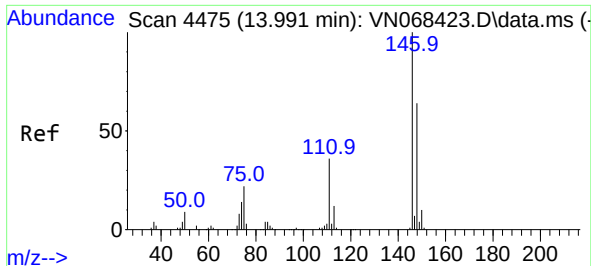


#90  
Hexachloroethane  
Concen: 47.586 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
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Tgt Ion: 117 Resp: 250606  
Ion Ratio Lower Upper  
117 100  
201 98.6 49.3 147.9





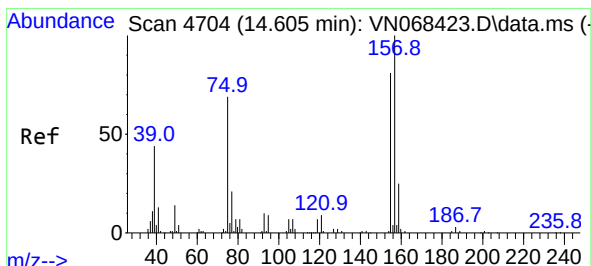
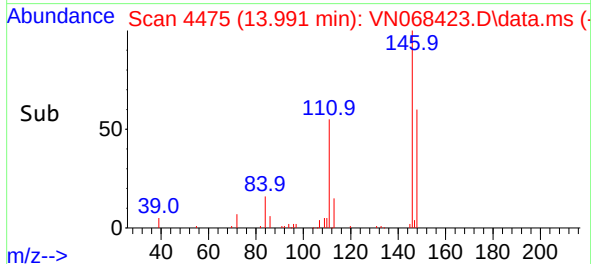
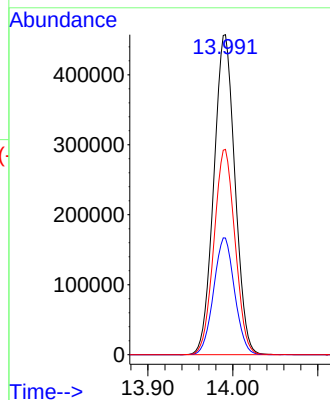
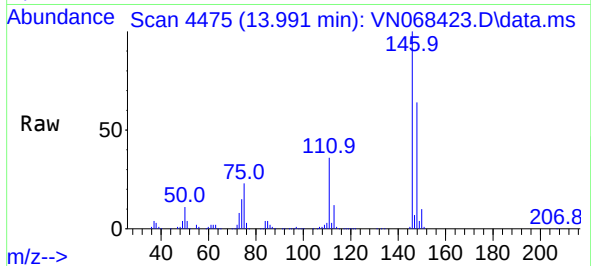
#91  
1,2-Dichlorobenzene  
Concen: 50.523 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
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Tgt Ion:146 Resp: 790210  
Ion Ratio Lower Upper  
146 100  
111 36.2 18.1 54.3  
148 64.3 32.1 96.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
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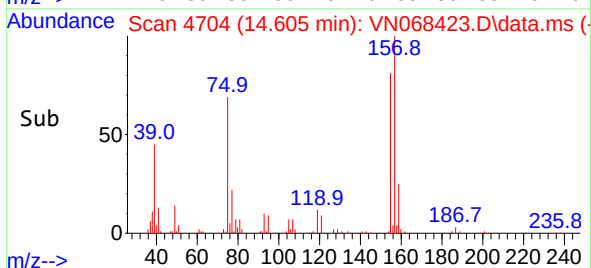
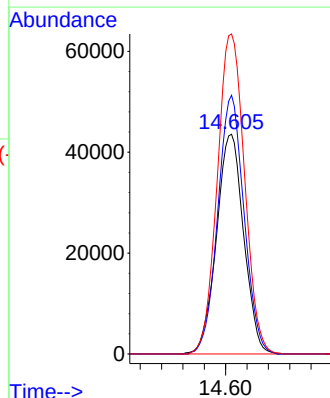
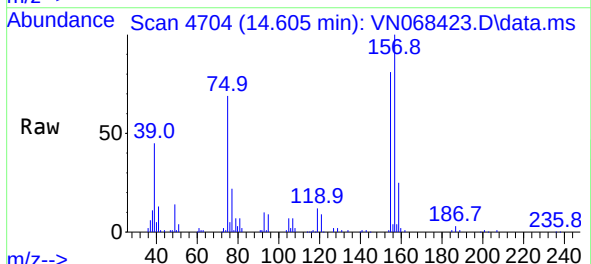
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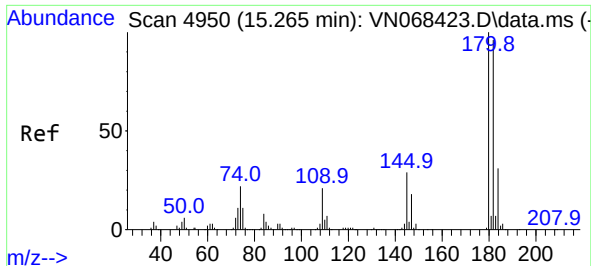
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.361 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

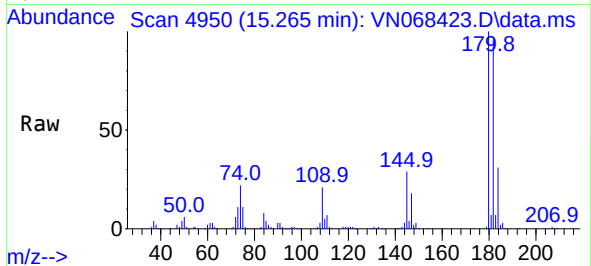
Tgt Ion: 75 Resp: 76928  
Ion Ratio Lower Upper  
75 100  
155 113.8 56.9 170.7  
157 146.1 73.0 219.2





#93  
1,2,4-Trichlorobenzene  
Concen: 55.262 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

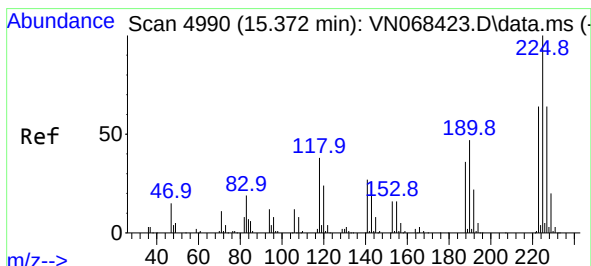
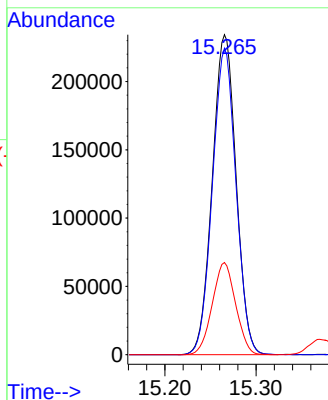
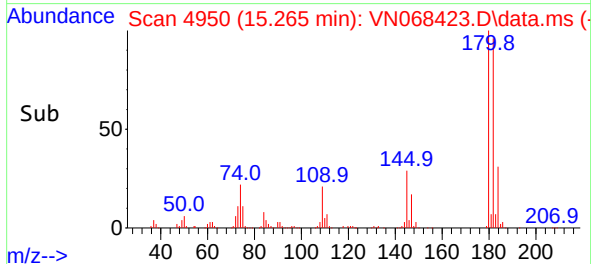
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



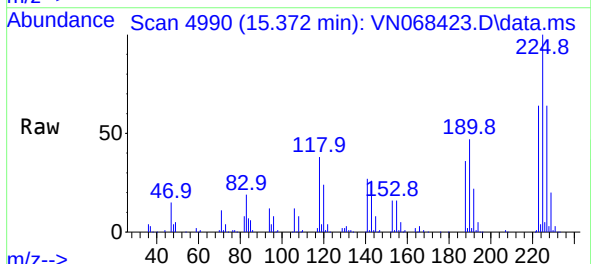
Tgt Ion:180 Resp: 423948  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.5 142.6  
145 28.3 14.1 42.4

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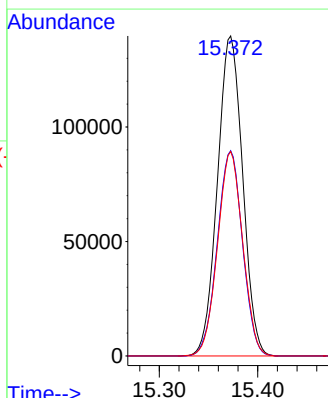
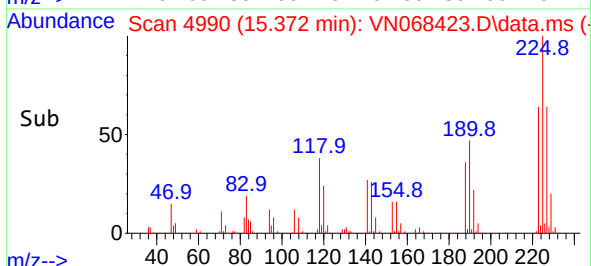
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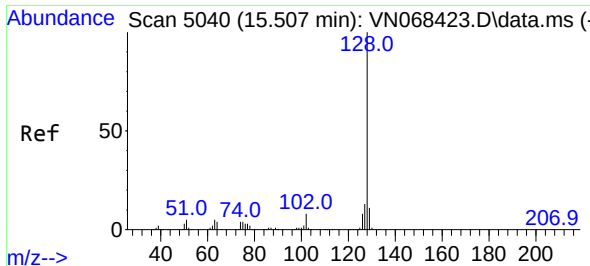


#94  
Hexachlorobutadiene  
Concen: 54.869 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



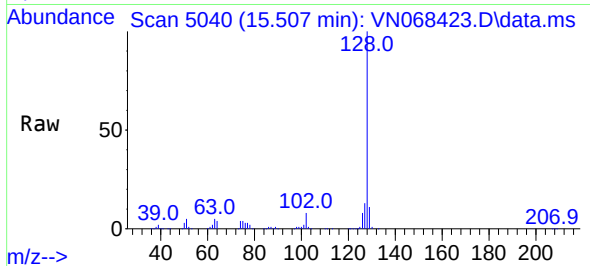
Tgt Ion:225 Resp: 249411  
Ion Ratio Lower Upper  
225 100  
223 64.1 32.0 96.2  
227 63.7 31.9 95.5





#95  
Naphthalene  
Concen: 48.932 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18

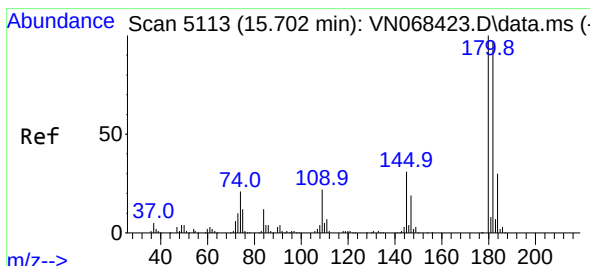
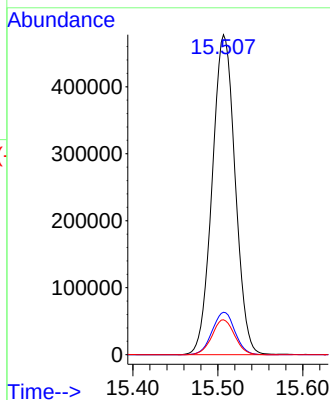
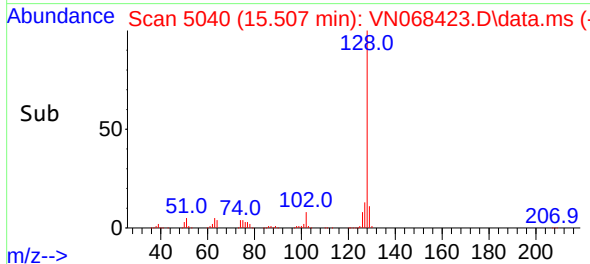
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050



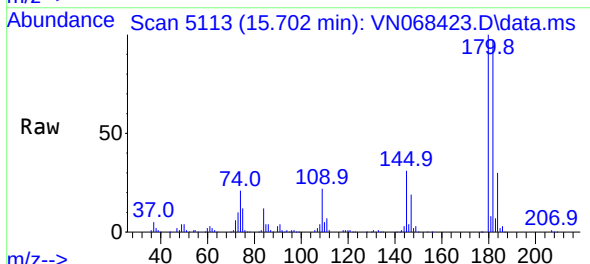
Tgt Ion:128 Resp: 895709  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.6 15.8  
129 10.8 8.6 13.0

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#96  
1,2,3-Trichlorobenzene  
Concen: 53.249 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN068423.D  
Acq: 7 Sep 2021 15:18



Tgt Ion:180 Resp: 398738  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.9 143.6  
145 30.3 15.2 45.5

