

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102721\  
 Data File : VN069214.D  
 Acq On : 27 Oct 2021 13:26  
 Operator : JC/MD  
 Sample : VN1027WBSD05  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD05

Manual Integrations  
 APPROVED

MMDadoda  
 10/29/2021 6:31:11 PM

Quant Time: Oct 28 05:20:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.088          | 168  | 238646              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.968          | 114  | 411375              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.746         | 117  | 375817              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.677         | 152  | 151293              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.440          | 65   | 173909              | 55.271  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = 110.540% |         |        |          |
| 35) Dibromofluoromethane     | 8.024          | 113  | 129799              | 54.232  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = 108.460% |         |        |          |
| 50) Toluene-d8               | 10.443         | 98   | 511704              | 53.434  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = 106.860% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.733         | 95   | 182769              | 50.585  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = 101.180% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.075          | 85   | 49578               | 17.512  | ug/l   | 99       |
| 3) Chloromethane             | 2.303          | 50   | 52303               | 17.931  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.445          | 62   | 60625               | 20.463  | ug/l   | 97       |
| 5) Bromomethane              | 2.856          | 94   | 42914               | 26.333  | ug/l   | 98       |
| 6) Chloroethane              | 3.019          | 64   | 40949               | 23.453  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.376          | 101  | 85194               | 20.535  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.832          | 74   | 31916               | 20.625  | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 4.215          | 101  | 47327               | 21.216  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.427          | 142  | 55715               | 17.208  | ug/l # | 92       |
| 11) Tert butyl alcohol       | 5.363          | 59   | 61515               | 106.993 | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.189          | 96   | 43001               | 18.648  | ug/l   | 99       |
| 13) Acrolein                 | 4.044          | 56   | 13058               | 51.341  | ug/l   | 100      |
| 14) Allyl chloride           | 4.846          | 41   | 75580               | 18.284  | ug/l   | 95       |
| 15) Acrylonitrile            | 5.556          | 53   | 148599              | 115.346 | ug/l   | 98       |
| 16) Acetone                  | 4.288          | 43   | 140114              | 119.327 | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.535          | 76   | 94616               | 15.119  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.856          | 43   | 105624              | 23.716  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.621          | 73   | 178857              | 20.831  | ug/l   | 100      |
| 20) Methylene Chloride       | 5.101          | 84   | 55693               | 20.607  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.602          | 96   | 45881               | 18.417  | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.498          | 45   | 167852              | 19.526  | ug/l   | 99       |
| 23) Vinyl Acetate            | 6.433          | 43   | 655562              | 100.875 | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.391          | 63   | 95287               | 20.401  | ug/l   | 99       |
| 25) 2-Butanone               | 7.335          | 43   | 206616              | 116.365 | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.327          | 77   | 84309               | 18.941  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.327          | 96   | 59336               | 19.703  | ug/l   | 100      |
| 28) Bromochloromethane       | 7.659          | 49   | 46427               | 21.947  | ug/l   | 96       |
| 29) Tetrahydrofuran          | 7.686          | 42   | 130988              | 113.732 | ug/l   | 96       |
| 30) Chloroform               | 7.823          | 83   | 102731              | 20.871  | ug/l   | 100      |
| 31) Cyclohexane              | 8.096          | 56   | 86681               | 17.718  | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 8.016          | 97   | 88991               | 19.394  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.222          | 75   | 70771               | 20.141  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.412          | 43   | 81486               | 22.454  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.209          | 117  | 74232               | 19.236  | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.461          | 83   | 89572               | 19.805  | ug/l   | 97       |
| 40) Benzene                  | 8.461          | 78   | 220540              | 20.612  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102721\  
 Data File : VN069214.D  
 Acq On : 27 Oct 2021 13:26  
 Operator : JC/MD  
 Sample : VN1027WBSD05  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD05

Manual Integrations  
 APPROVED

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 10/29/2021 6:31:11 PM

Quant Time: Oct 28 05:20:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.635  | 41   | 41871    | 22.889  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 84778    | 22.375  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.560  | 43   | 138276   | 21.595  | ug/l   | 99       |
| 44) Trichloroethene           | 9.217  | 130  | 55194    | 20.611  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.494  | 63   | 58098    | 20.925  | ug/l   | 98       |
| 46) Dibromomethane            | 9.579  | 93   | 40486    | 21.362  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.762  | 83   | 78175    | 19.905  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.561  | 41   | 63521    | 21.113  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 26023    | 463.614 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.330 | 43   | 425329   | 114.559 | ug/l   | 100      |
| 52) Toluene                   | 10.507 | 92   | 144704   | 21.021  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 84541    | 19.003  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 90933    | 19.646  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 59341    | 21.864  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 96500    | 21.177  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 99858    | 22.313  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 106914   | 92.531  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.087 | 43   | 306641   | 115.169 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.240 | 129  | 58463    | 19.084  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 59827    | 21.491  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.979 | 164  | 48300    | 19.951  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.771 | 112  | 152057   | 21.382  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 56712    | 20.375  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.846 | 91   | 280829   | 21.259  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.956 | 106  | 208963   | 41.728  | ug/l   | 99       |
| 69) o-Xylene                  | 12.283 | 106  | 105027   | 20.953  | ug/l   | 99       |
| 70) Styrene                   | 12.296 | 104  | 165005   | 20.223  | ug/l   | 99       |
| 71) Bromoform                 | 12.460 | 173  | 39948    | 17.916  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.581 | 105  | 275105   | 21.846  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.390 | 43   | 99373    | 20.829  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 90294    | 24.811  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 74813m   | 23.240  | ug/l   |          |
| 77) Bromobenzene              | 12.862 | 156  | 62291    | 22.370  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.924 | 91   | 304900   | 21.545  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 192433   | 22.061  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 226729   | 21.616  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 23634    | 17.565  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 183664   | 21.790  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.326 | 119  | 198146   | 21.701  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 220492   | 21.817  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 273729   | 21.646  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 217238   | 21.418  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 105316   | 21.865  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 102361   | 21.412  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.943 | 91   | 170198   | 20.156  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.214 | 117  | 37906    | 17.791  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 105058   | 22.453  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 16211    | 23.104  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 46035    | 19.776  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.372 | 225  | 26148    | 19.626  | ug/l   | 99       |
| 95) Naphthalene               | 15.509 | 128  | 125459   | 20.318  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 45539    | 20.402  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102721\  
Data File : VN069214.D  
Acq On : 27 Oct 2021 13:26  
Operator : JC/MD  
Sample : VN1027WBSD05  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

Manual Integrations  
APPROVED

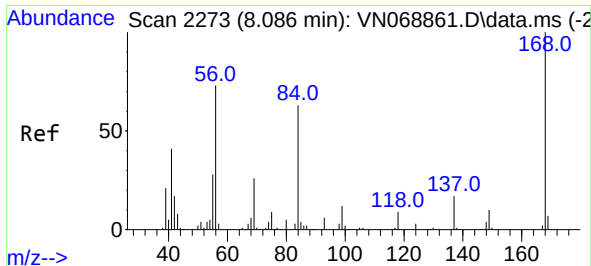
MMDadoda  
10/29/2021 6:31:11 PM

Quant Time: Oct 28 05:20:42 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 13 05:44:40 2021  
Response via : Initial Calibration

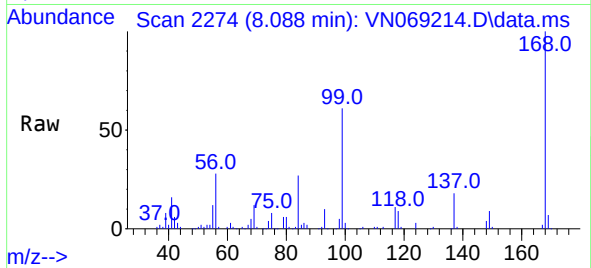
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

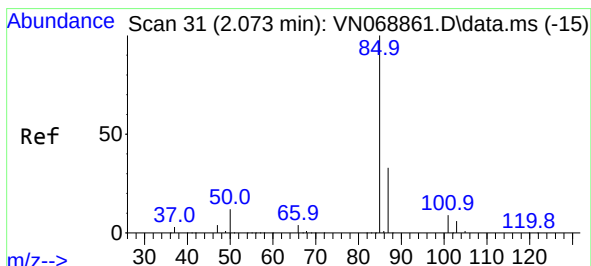
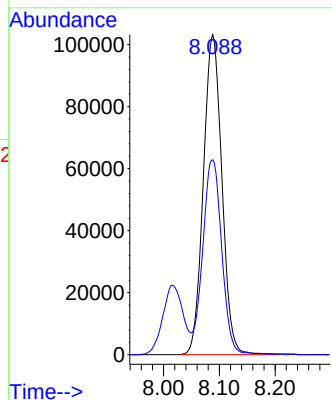
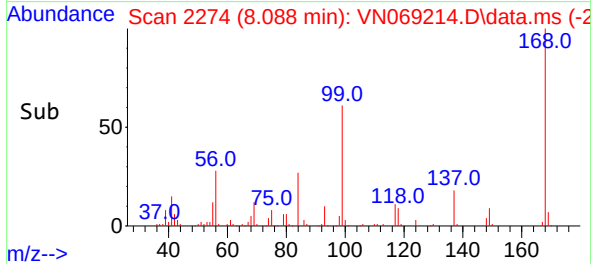




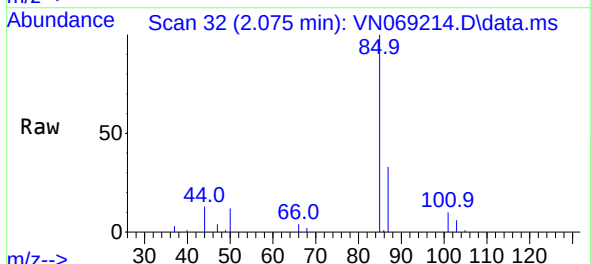
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



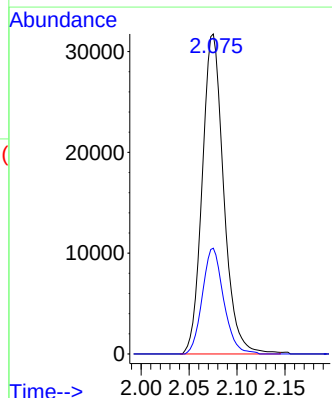
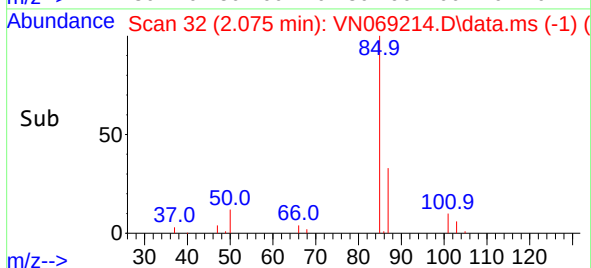
Tgt Ion: 168 Resp: 238646  
Ion Ratio Lower Upper  
168 100  
99 60.7 48.9 73.3



#2  
Dichlorodifluoromethane  
Concen: 17.512 ug/l  
RT: 2.075 min Scan# 32  
Delta R.T. 0.002 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



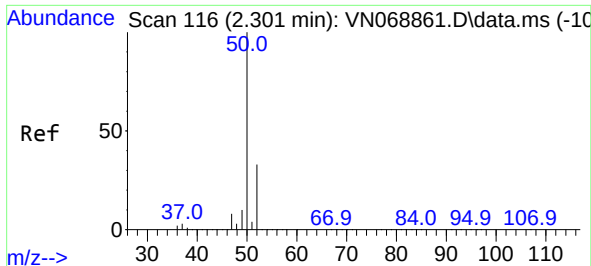
Tgt Ion: 85 Resp: 49578  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.3 48.8



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

Manual Integrations  
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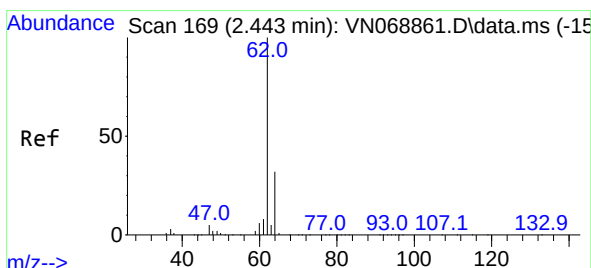
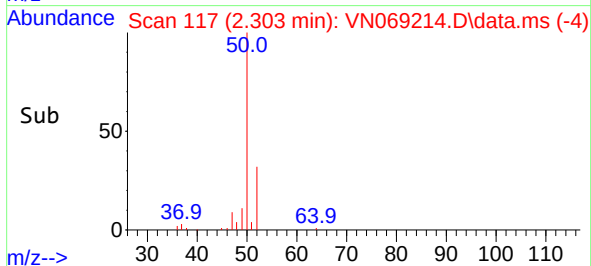
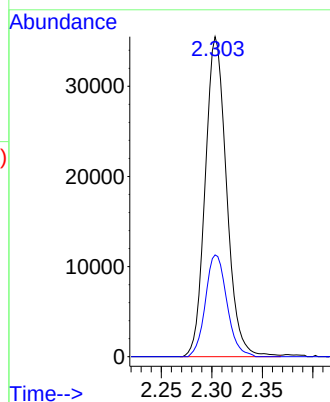
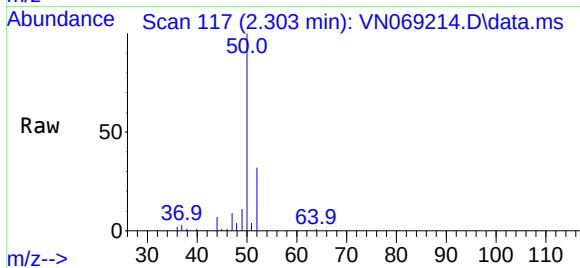
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Chloromethane  
Concen: 17.931 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 50 Resp: 52303  
Ion Ratio Lower Upper  
50 100  
52 31.8 26.3 39.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

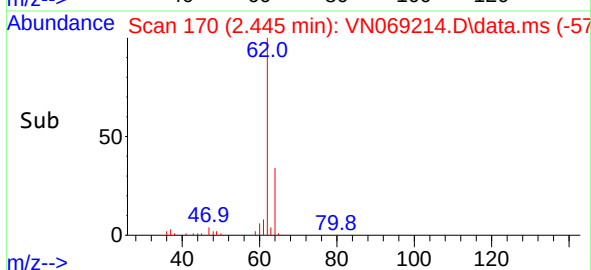
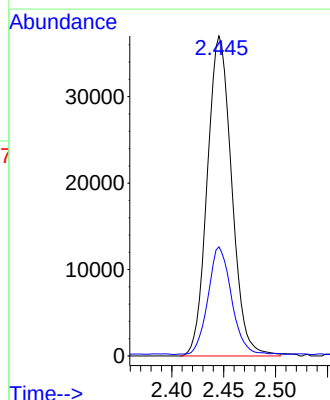
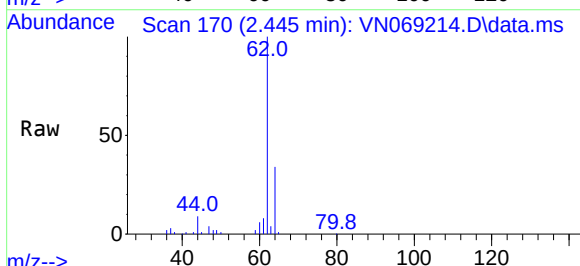
Manual Integrations  
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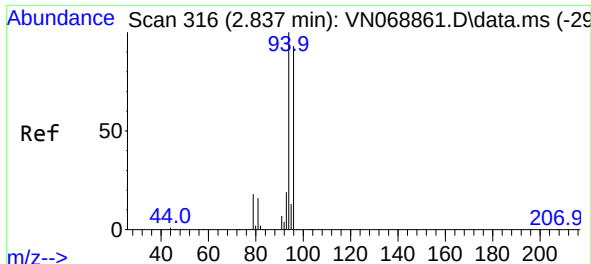
MMDadoda  
10/29/2021 6:31:11 PM



#4  
Vinyl Chloride  
Concen: 20.463 ug/l  
RT: 2.445 min Scan# 170  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

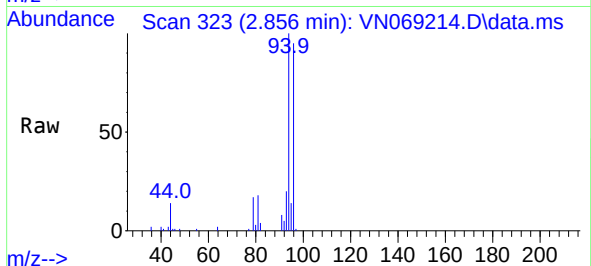
Tgt Ion: 62 Resp: 60625  
Ion Ratio Lower Upper  
62 100  
64 33.5 25.7 38.5





#5  
Bromomethane  
Concen: 26.333 ug/l  
RT: 2.856 min Scan# 323  
Delta R.T. 0.019 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

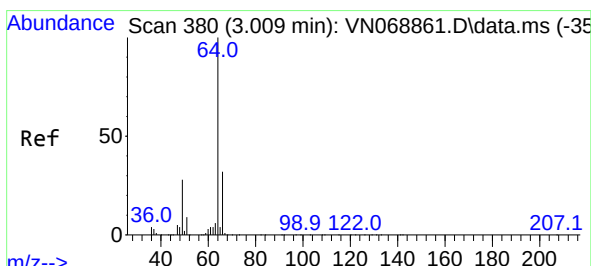
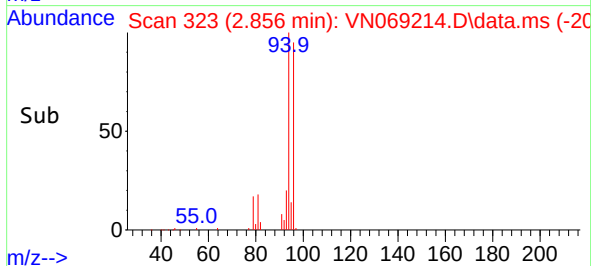
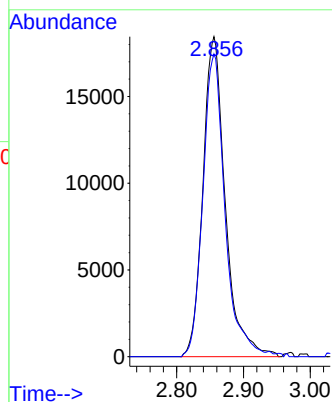
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05



Tgt Ion: 94 Resp: 42914  
Ion Ratio Lower Upper  
94 100  
96 94.6 74.2 111.4

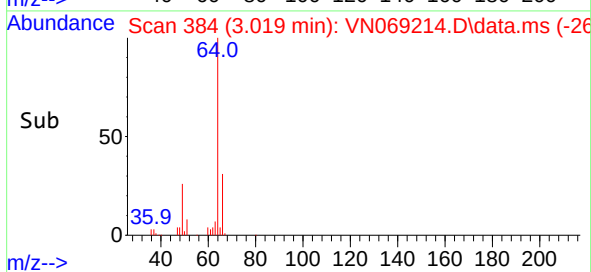
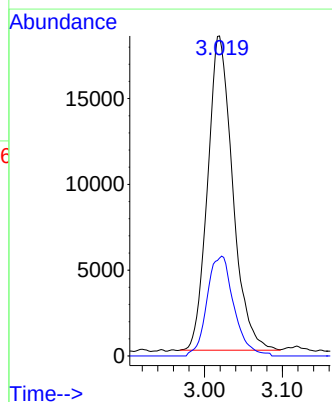
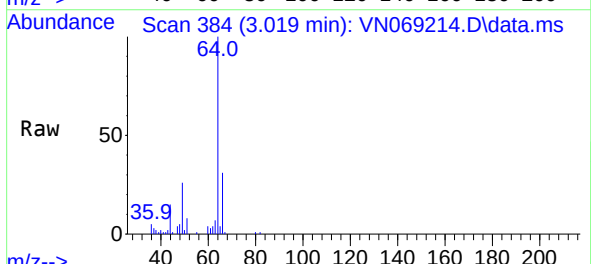
Manual Integrations  
APPROVED

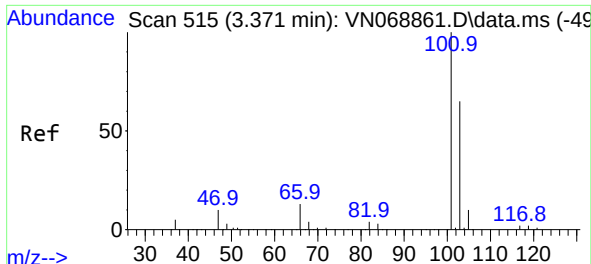
MMDadoda  
10/29/2021 6:31:11 PM



#6  
Chloroethane  
Concen: 23.453 ug/l  
RT: 3.019 min Scan# 384  
Delta R.T. 0.011 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 64 Resp: 40949  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.6 38.4





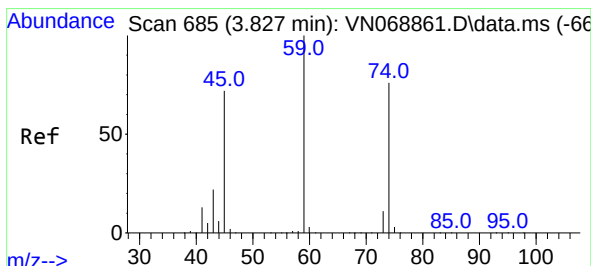
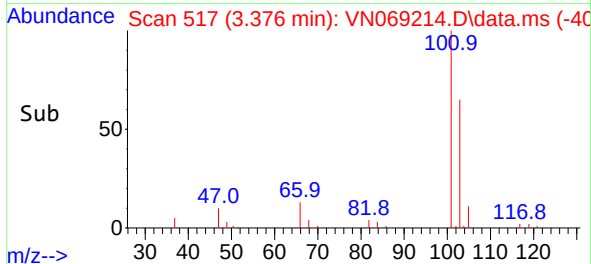
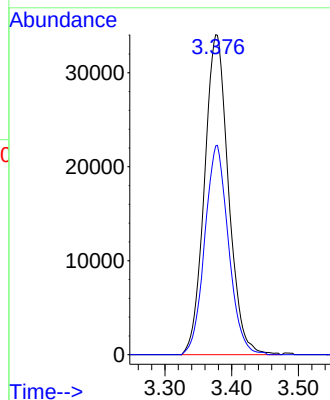
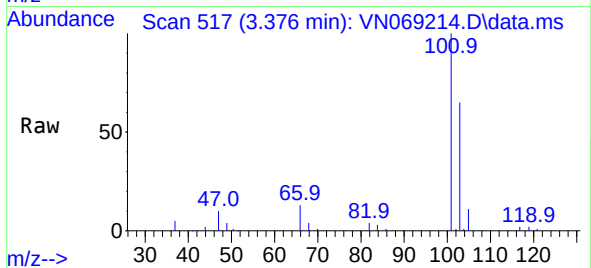
#7  
Trichlorofluoromethane  
Concen: 20.535 ug/l  
RT: 3.376 min Scan# 517  
Delta R.T. 0.005 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion:101 Resp: 85194  
Ion Ratio Lower Upper  
101 100  
103 65.3 51.7 77.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

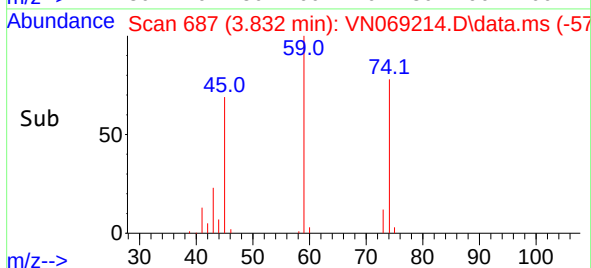
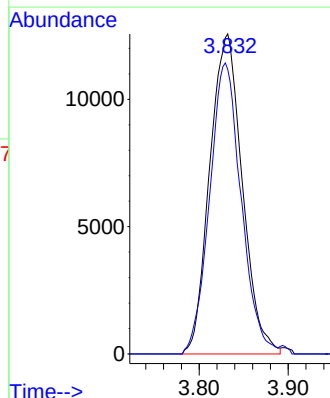
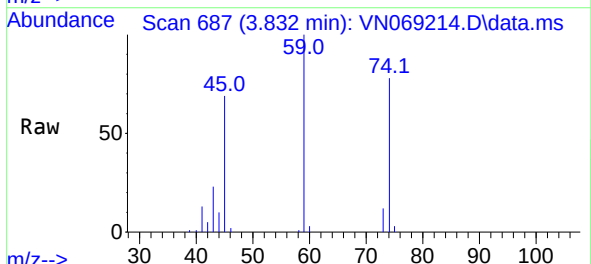
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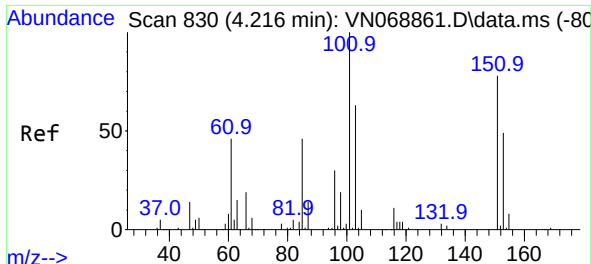


#8  
Diethyl Ether  
Concen: 20.625 ug/l  
RT: 3.832 min Scan# 687  
Delta R.T. 0.005 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 74 Resp: 31916  
Ion Ratio Lower Upper  
74 100  
45 88.1 47.0 141.2







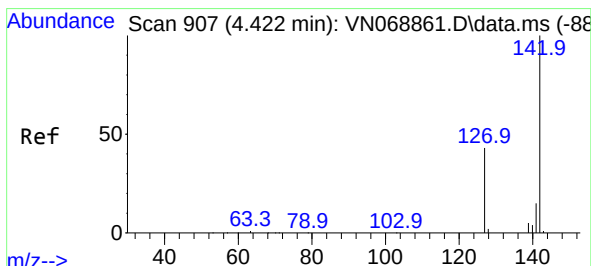
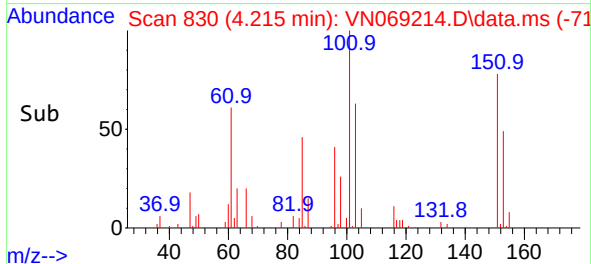
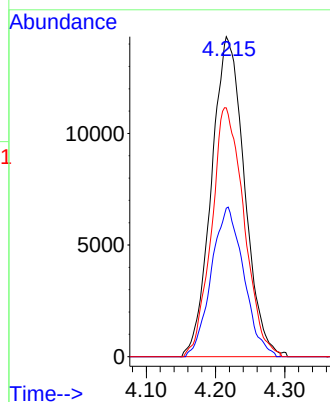
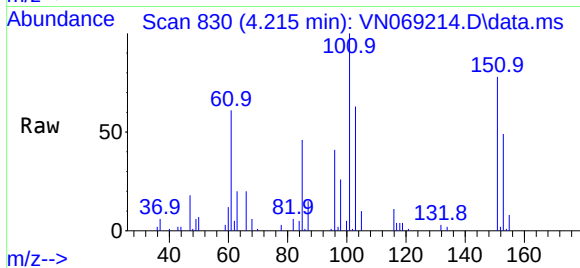
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.216 ug/l  
RT: 4.215 min Scan# 830  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion:101 Resp: 47327  
Ion Ratio Lower Upper  
101 100  
85 46.0 37.2 55.8  
151 76.8 61.1 91.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

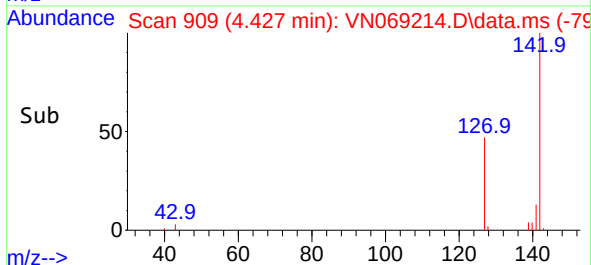
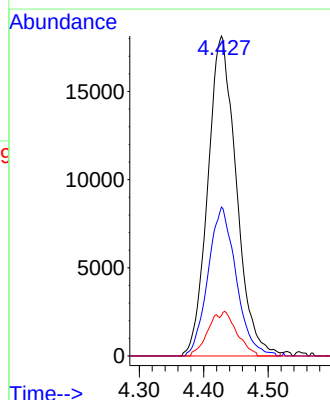
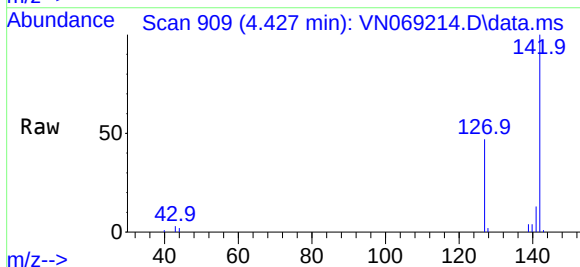
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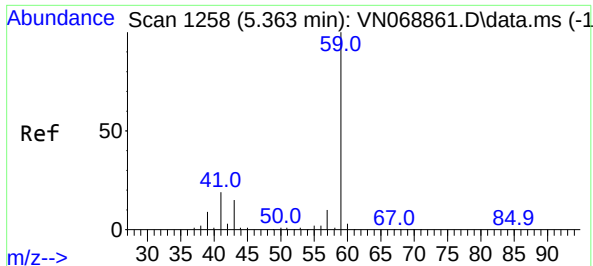
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#10  
Methyl Iodide  
Concen: 17.208 ug/l  
RT: 4.427 min Scan# 909  
Delta R.T. 0.005 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion:142 Resp: 55715  
Ion Ratio Lower Upper  
142 100  
127 46.0 34.4 51.6  
141 6.1 11.3 16.9#





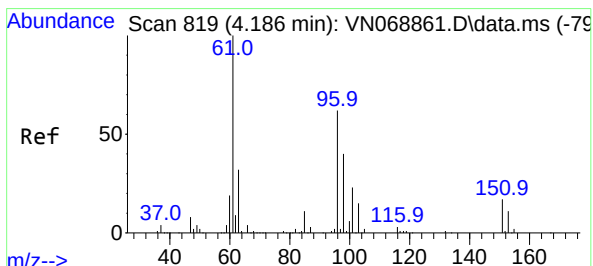
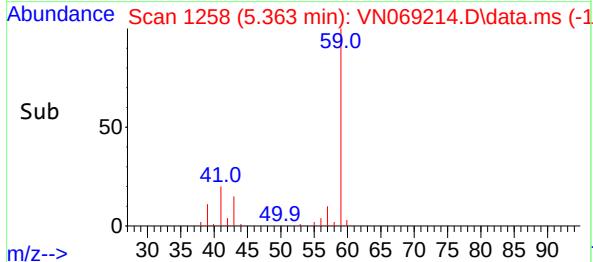
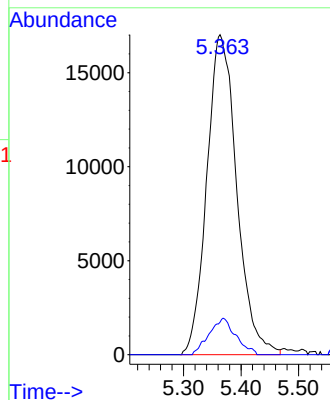
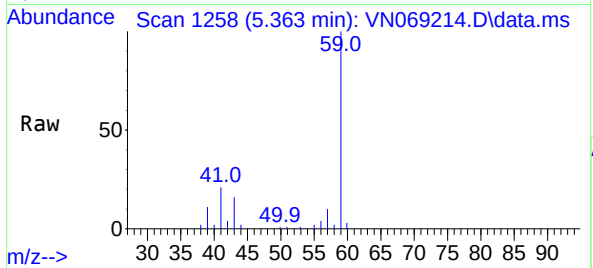
#11  
Tert butyl alcohol  
Concen: 106.993 ug/l  
RT: 5.363 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 59 Resp: 61515  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.3 12.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

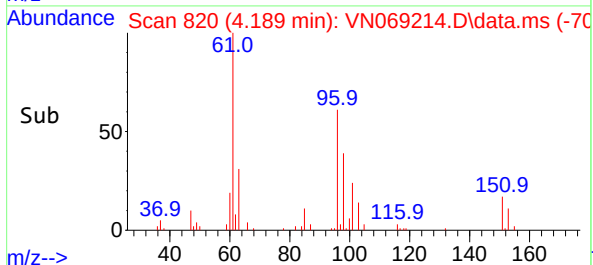
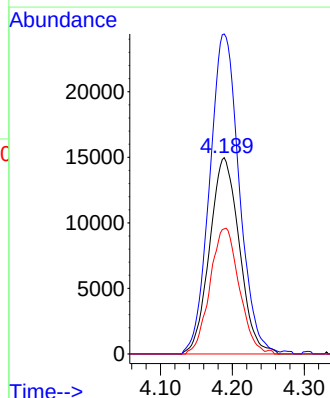
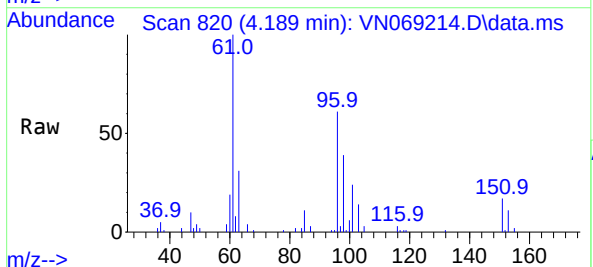
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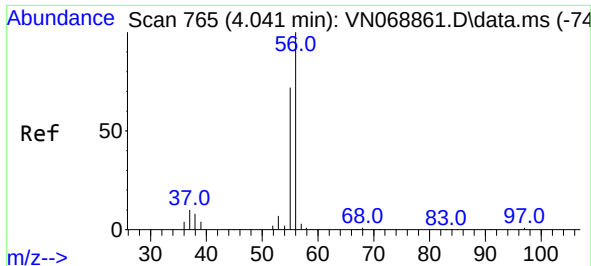
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#12  
1,1-Dichloroethene  
Concen: 18.648 ug/l  
RT: 4.189 min Scan# 820  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 96 Resp: 43001  
Ion Ratio Lower Upper  
96 100  
61 163.0 129.8 194.6  
98 63.7 51.4 77.2



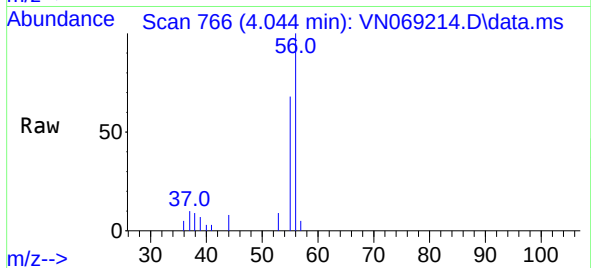


#13  
Acrolein  
Concen: 51.341 ug/l  
RT: 4.044 min Scan# 766  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

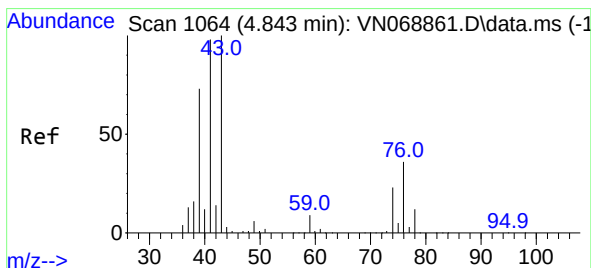
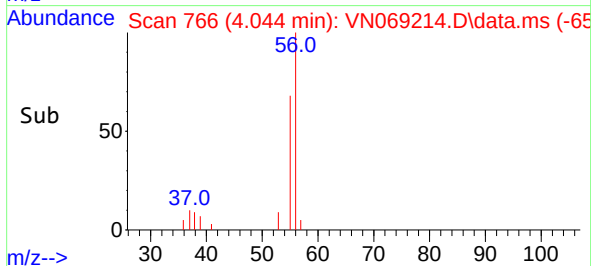
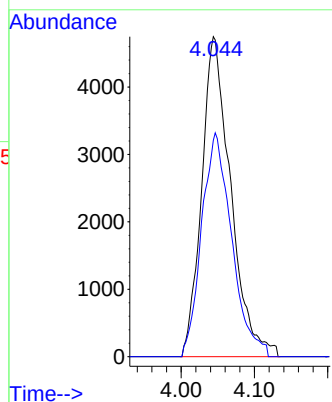
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

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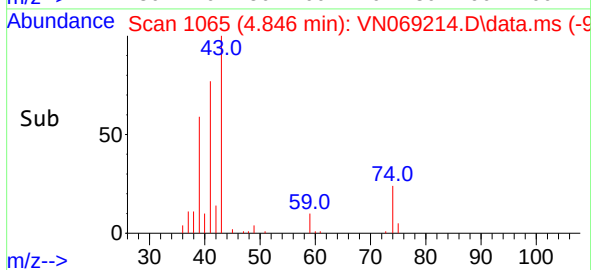
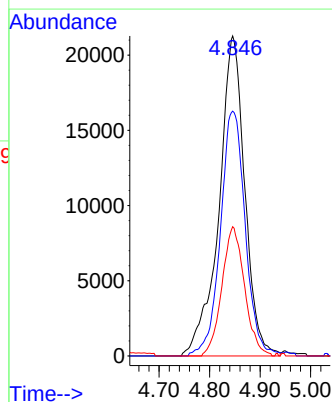
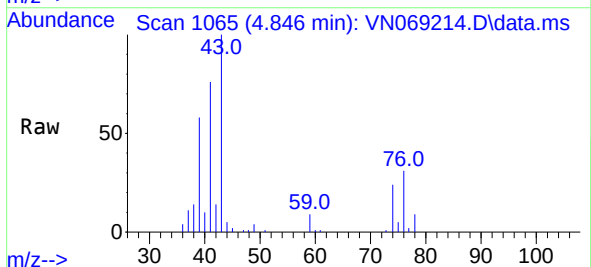


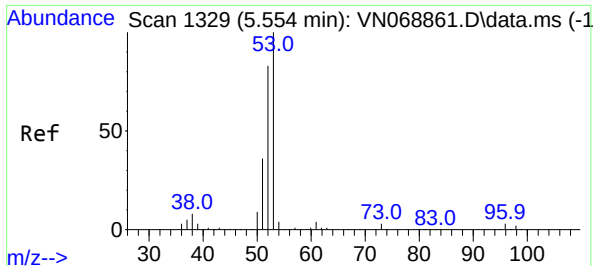
Tgt Ion: 56 Resp: 13058  
Ion Ratio Lower Upper  
56 100  
55 72.4 58.1 87.1



#14  
Allyl chloride  
Concen: 18.284 ug/l  
RT: 4.846 min Scan# 1065  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 41 Resp: 75580  
Ion Ratio Lower Upper  
41 100  
39 73.6 55.6 83.4  
76 35.5 26.4 39.6





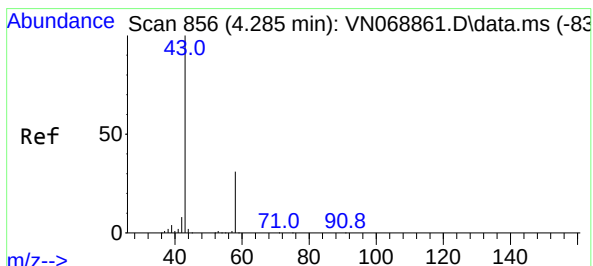
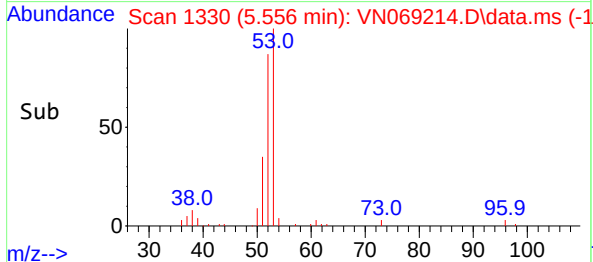
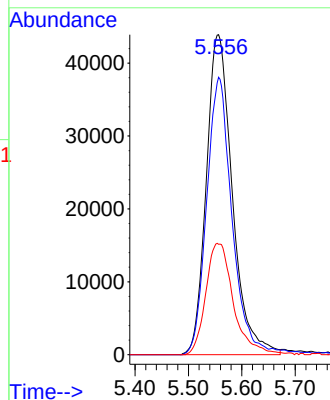
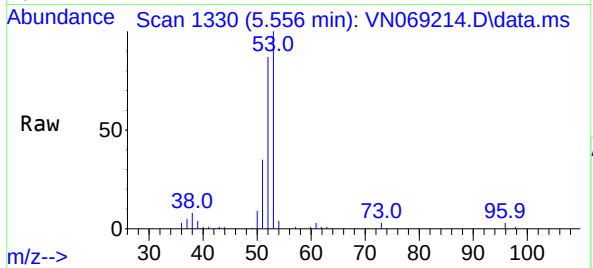
#15  
Acrylonitrile  
Concen: 115.346 ug/l  
RT: 5.556 min Scan# 1330  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 53 Resp: 148599  
Ion Ratio Lower Upper  
53 100  
52 83.5 65.7 98.5  
51 36.9 28.9 43.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

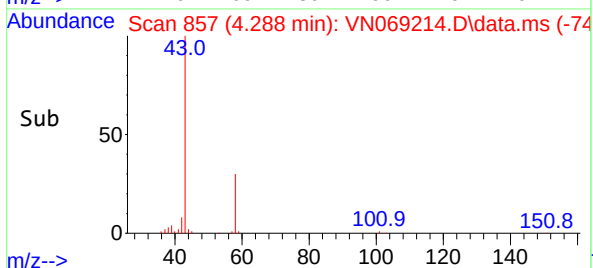
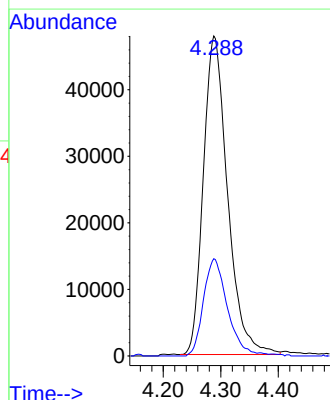
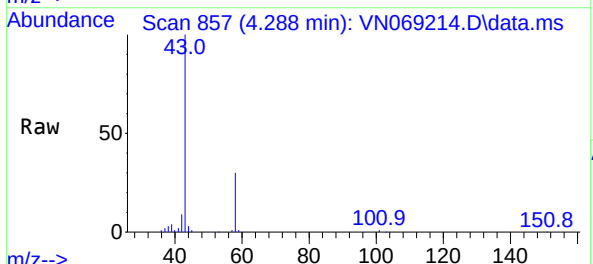
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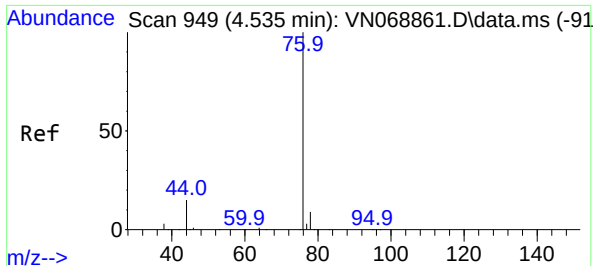
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#16  
Acetone  
Concen: 119.327 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 43 Resp: 140114  
Ion Ratio Lower Upper  
43 100  
58 30.5 24.5 36.7





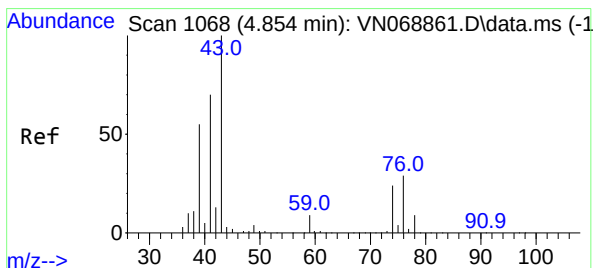
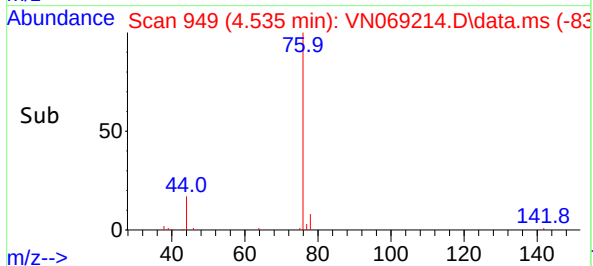
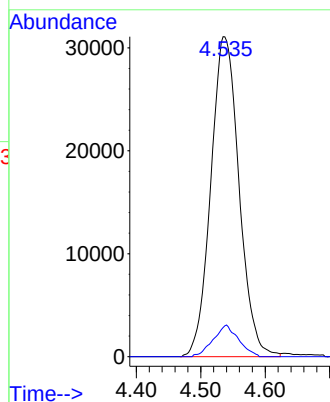
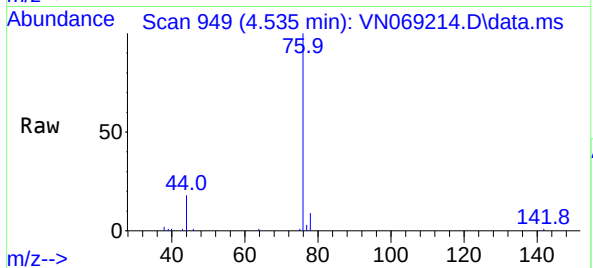
#17  
Carbon Disulfide  
Concen: 15.119 ug/l  
RT: 4.535 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 76 Resp: 94616  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

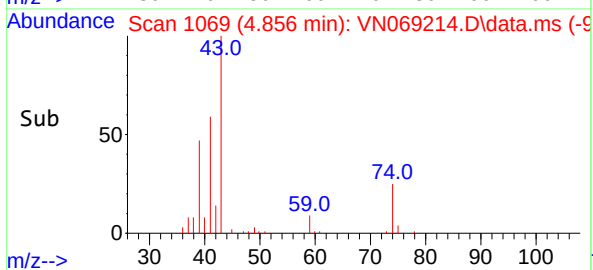
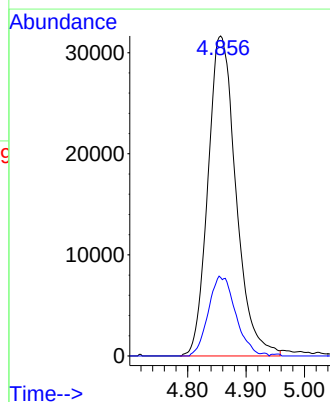
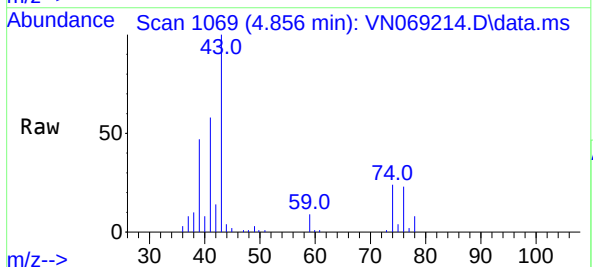
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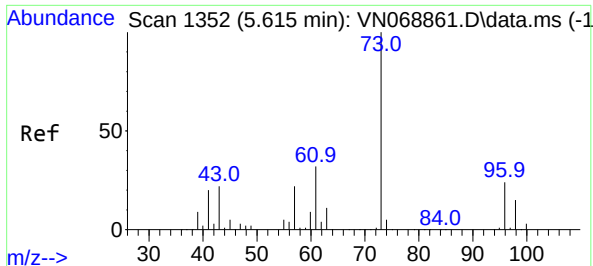
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#18  
Methyl Acetate  
Concen: 23.716 ug/l  
RT: 4.856 min Scan# 1069  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 43 Resp: 105624  
Ion Ratio Lower Upper  
43 100  
74 24.1 18.9 28.3





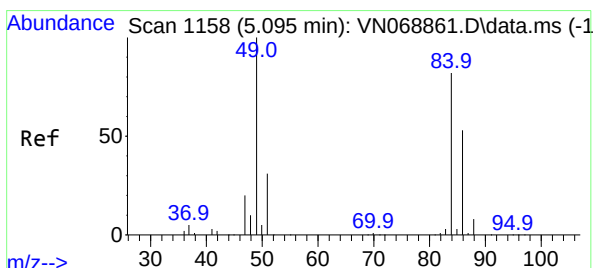
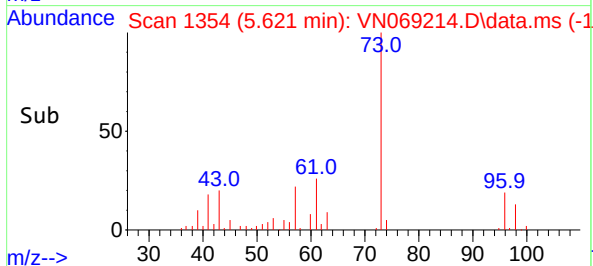
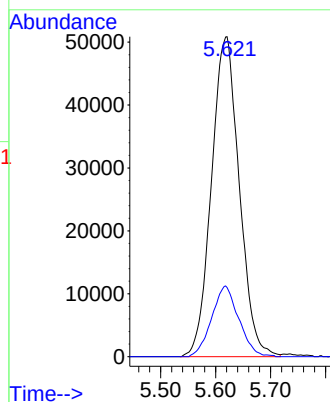
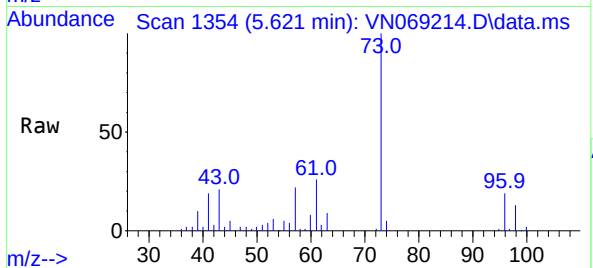
#19  
Methyl tert-butyl Ether  
Concen: 20.831 ug/l  
RT: 5.621 min Scan# 1354  
Delta R.T. 0.005 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 73 Resp: 178857  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.3 25.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

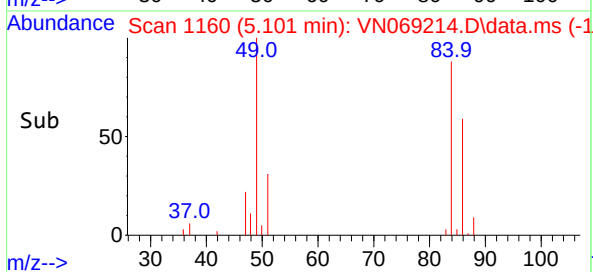
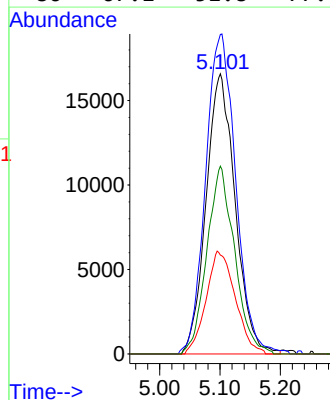
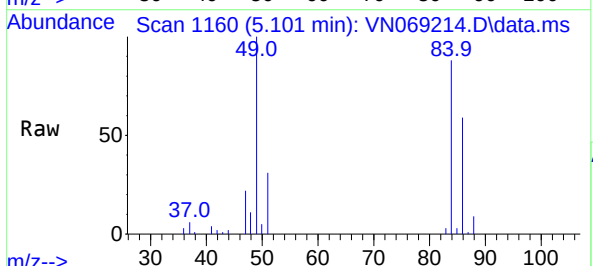
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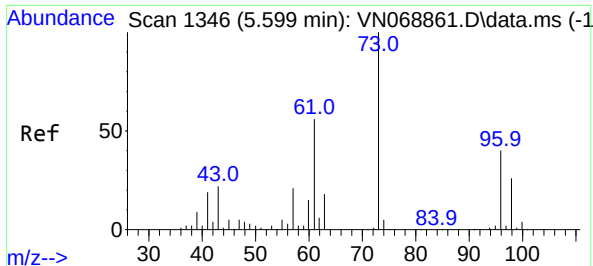
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#20  
Methylene Chloride  
Concen: 20.607 ug/l  
RT: 5.101 min Scan# 1160  
Delta R.T. 0.005 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 84 Resp: 55693  
Ion Ratio Lower Upper  
84 100  
49 113.0 97.6 146.4  
51 35.3 30.3 45.5  
86 67.1 51.8 77.6





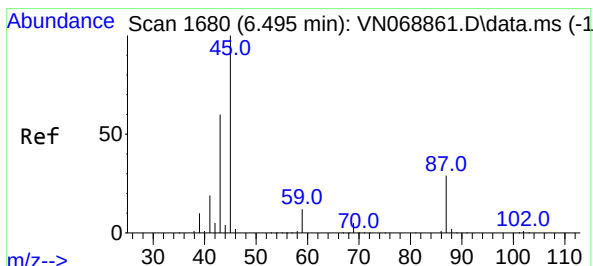
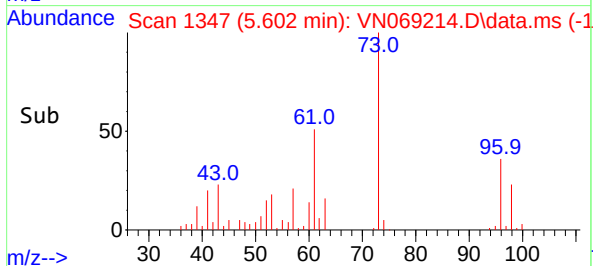
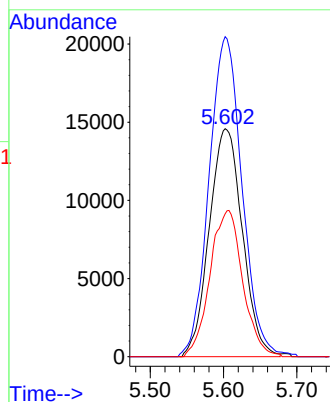
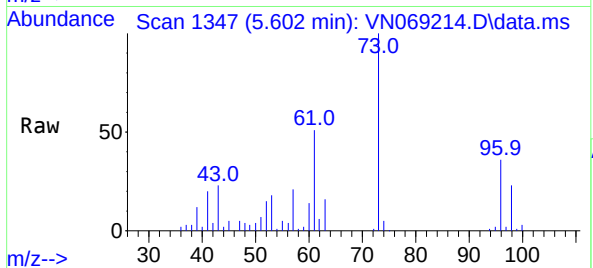
#21  
trans-1,2-Dichloroethene  
Concen: 18.417 ug/l  
RT: 5.602 min Scan# 1347  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 96 Resp: 45881  
Ion Ratio Lower Upper  
96 100  
61 139.2 112.4 168.6  
98 62.7 52.0 78.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

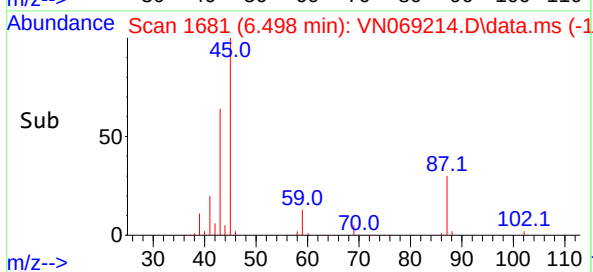
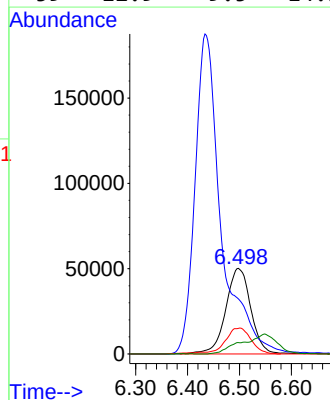
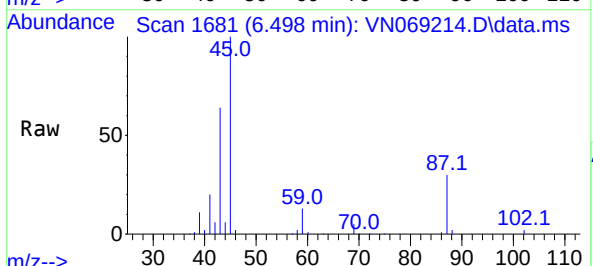
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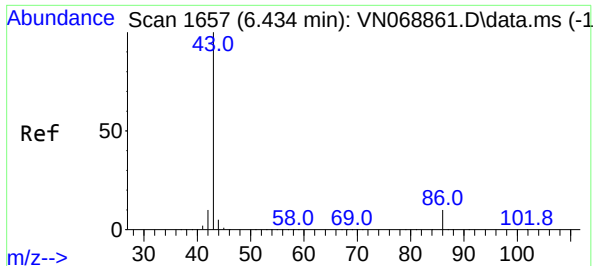
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#22  
Diisopropyl ether  
Concen: 19.526 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 45 Resp: 167852  
Ion Ratio Lower Upper  
45 100  
43 59.7 48.0 72.0  
87 29.9 23.4 35.0  
59 12.9 9.5 14.3



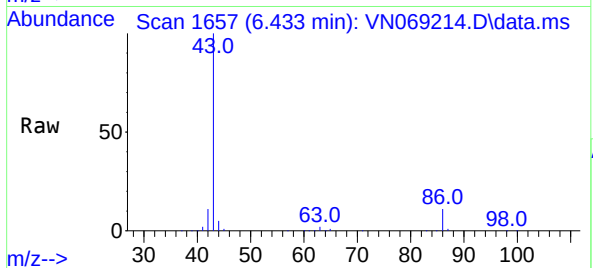


#23  
 Vinyl Acetate  
 Concen: 100.875 ug/l  
 RT: 6.433 min Scan# 1657  
 Delta R.T. -0.000 min  
 Lab File: VN069214.D  
 Acq: 27 Oct 2021 13:26

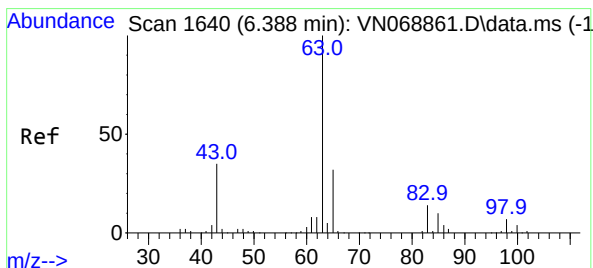
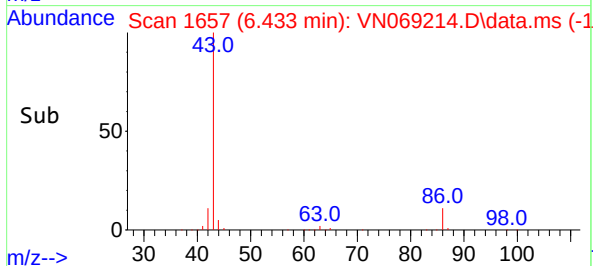
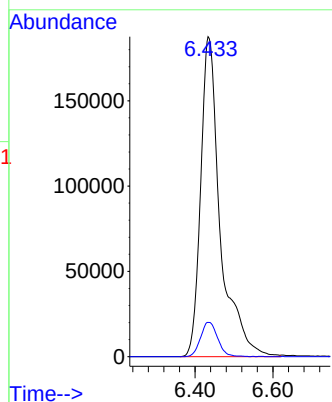
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 VN1027WBSD05

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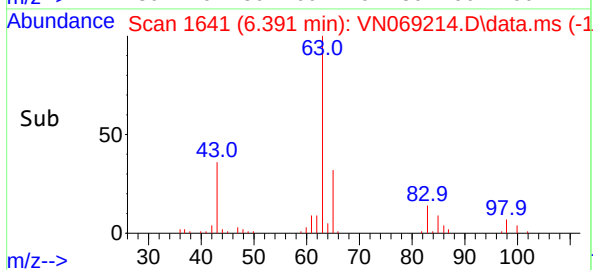
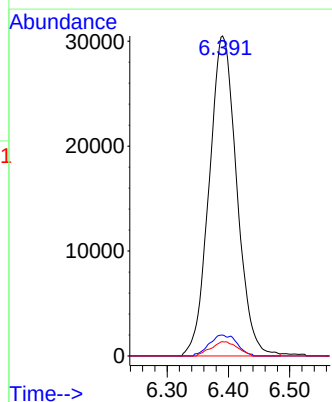
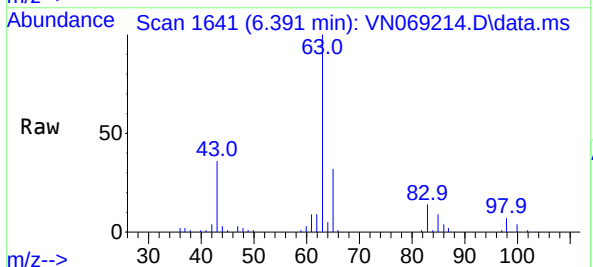


Tgt Ion: 43 Resp: 655562  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.3 12.5

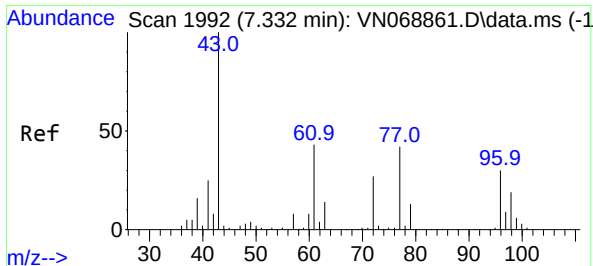


#24  
 1,1-Dichloroethane  
 Concen: 20.401 ug/l  
 RT: 6.391 min Scan# 1641  
 Delta R.T. 0.003 min  
 Lab File: VN069214.D  
 Acq: 27 Oct 2021 13:26

Tgt Ion: 63 Resp: 95287  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.5 10.4  
 100 4.4 2.1 6.5







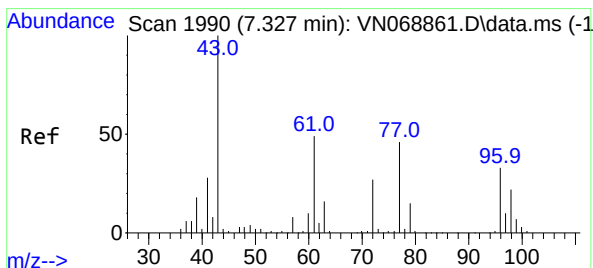
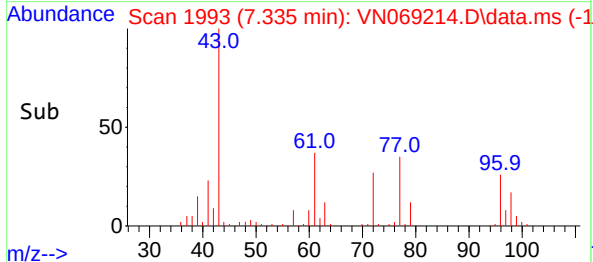
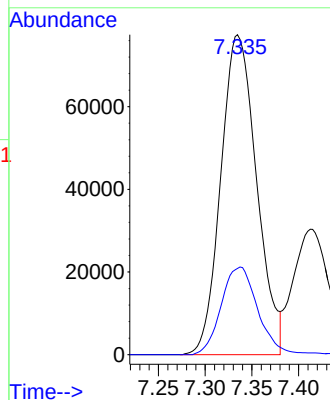
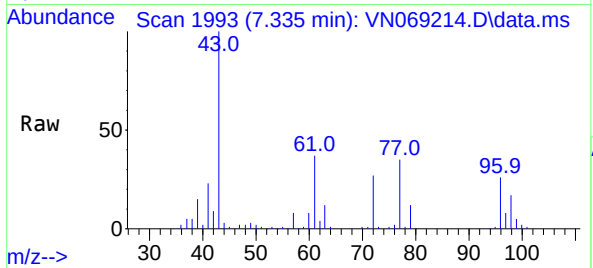
#25  
2-Butanone  
Concen: 116.365 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 43 Resp: 206616  
Ion Ratio Lower Upper  
43 100  
72 26.9 21.2 31.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

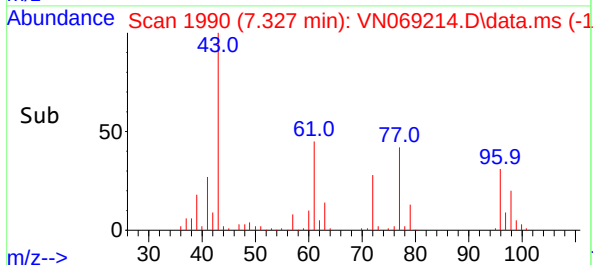
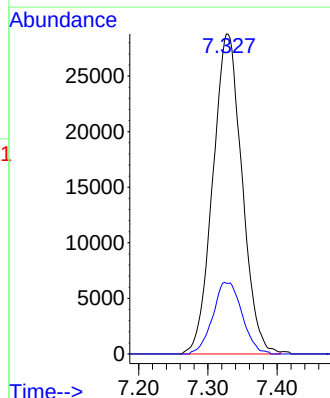
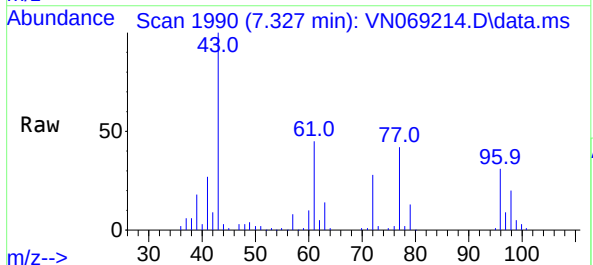
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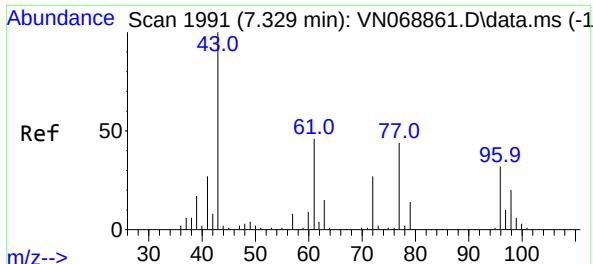
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#26  
2,2-Dichloropropane  
Concen: 18.941 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 77 Resp: 84309  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.2 33.6





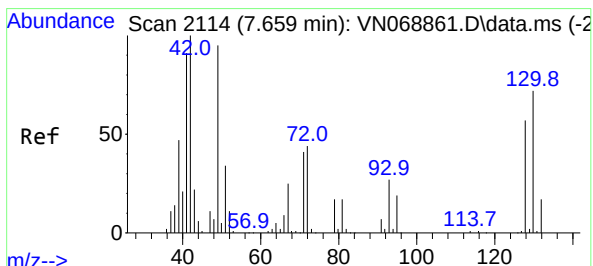
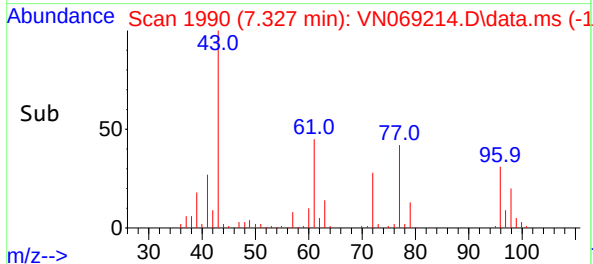
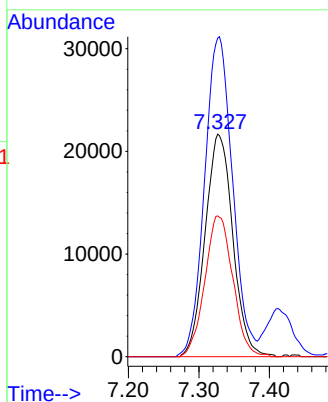
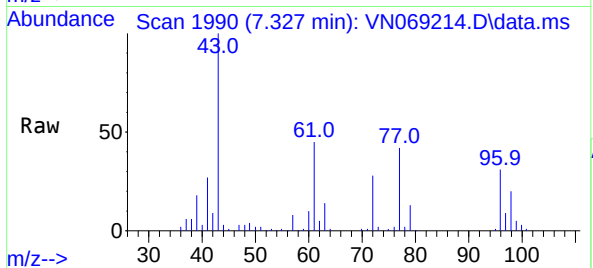
#27  
cis-1,2-Dichloroethene  
Concen: 19.703 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 96 Resp: 59336  
Ion Ratio Lower Upper  
96 100  
61 144.8 0.0 290.6  
98 63.8 0.0 127.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

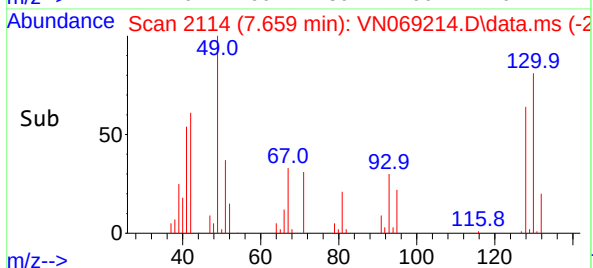
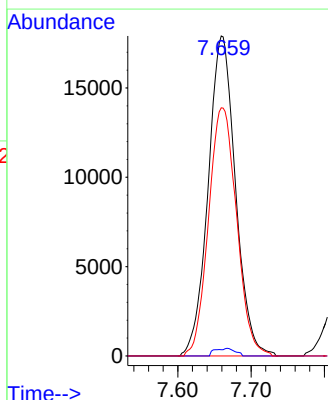
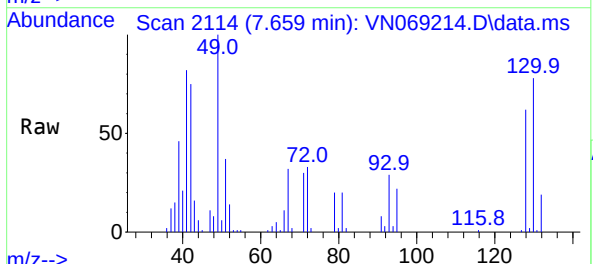
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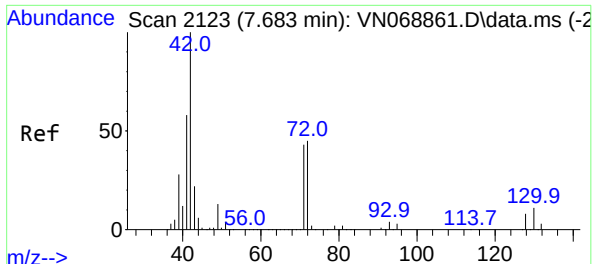
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#28  
Bromochloromethane  
Concen: 21.947 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 49 Resp: 46427  
Ion Ratio Lower Upper  
49 100  
129 1.8 0.0 4.4  
130 79.7 60.8 91.2





#29  
Tetrahydrofuran  
Concen: 113.732 ug/l  
RT: 7.686 min Scan# 2124  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

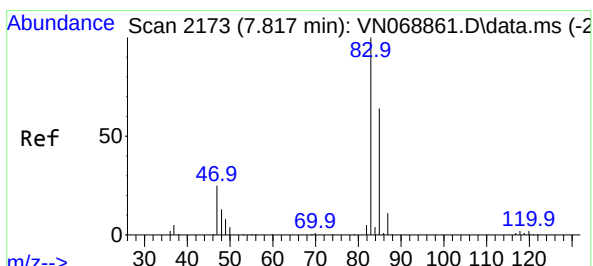
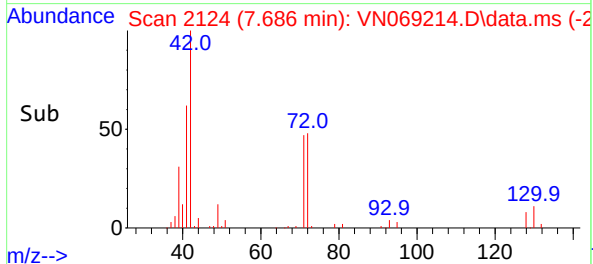
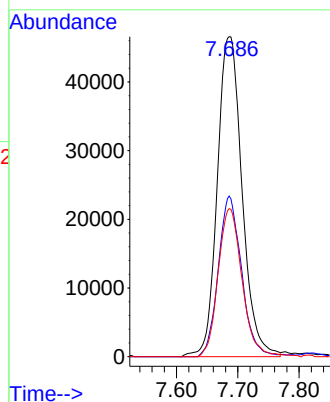
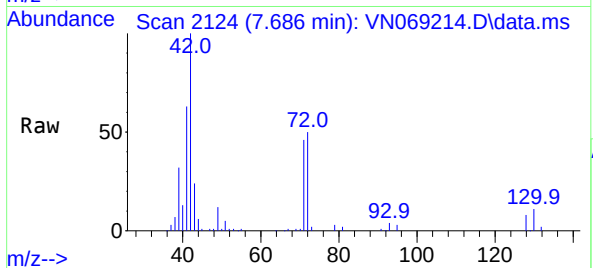
Tgt Ion: 42 Resp: 130988

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 46.9  | 35.4  | 53.2  |
| 71  | 44.2  | 33.8  | 50.6  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

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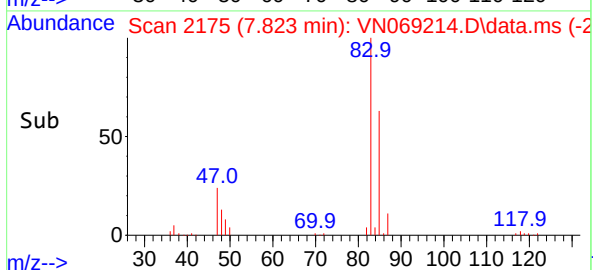
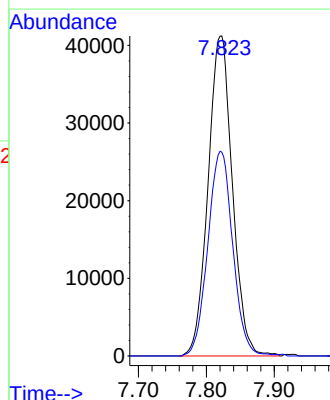
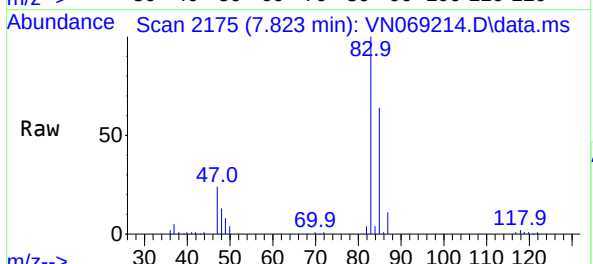
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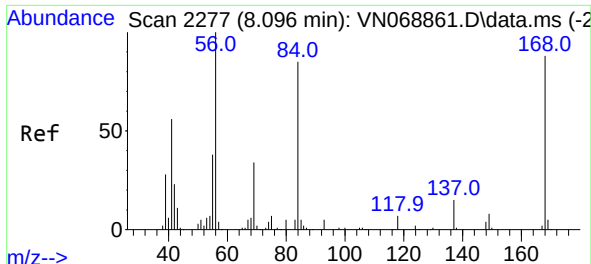


#30  
Chloroform  
Concen: 20.871 ug/l  
RT: 7.823 min Scan# 2175  
Delta R.T. 0.005 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

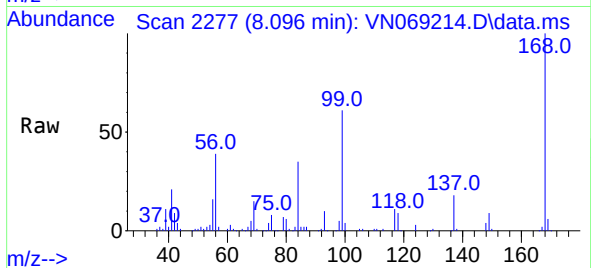
Tgt Ion: 83 Resp: 102731

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.7  | 51.1  | 76.7  |

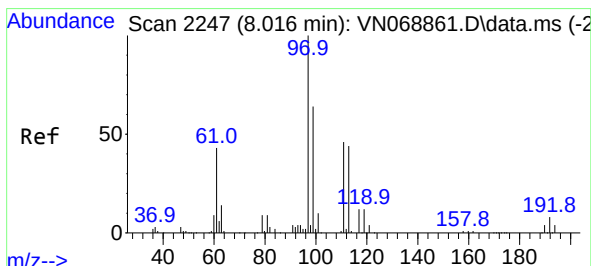
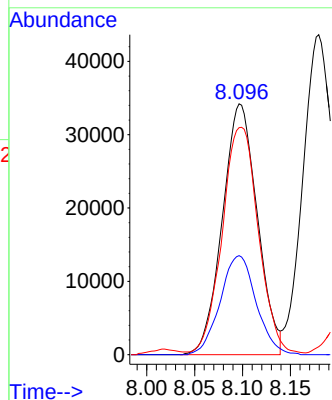
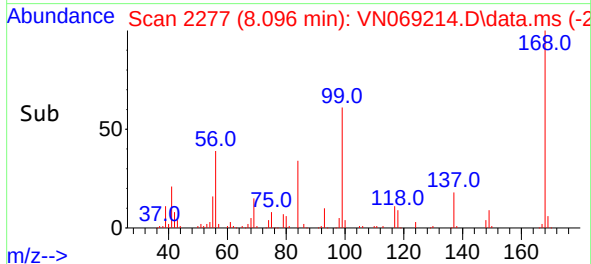




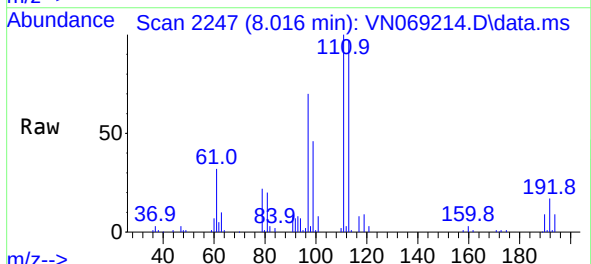
#31  
Cyclohexane  
Concen: 17.718 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. 0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



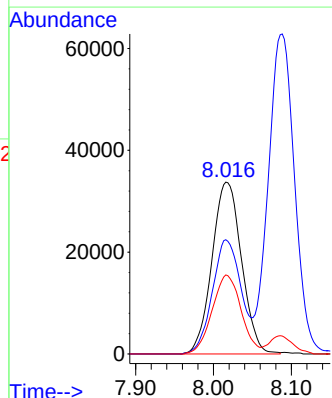
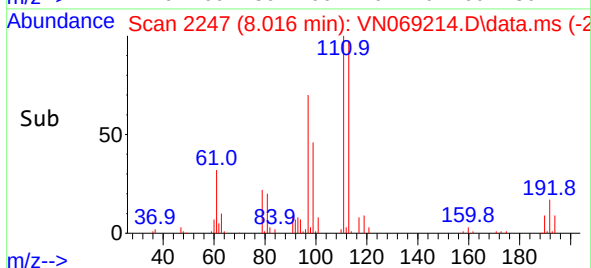
Tgt Ion: 56 Resp: 86681  
Ion Ratio Lower Upper  
56 100  
69 39.5 26.9 40.3  
84 89.3 67.6 101.4



#32  
1,1,1-Trichloroethane  
Concen: 19.394 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



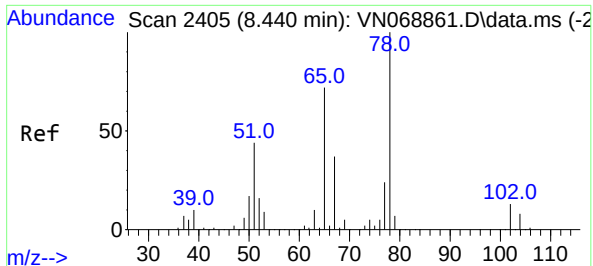
Tgt Ion: 97 Resp: 88991  
Ion Ratio Lower Upper  
97 100  
99 65.2 50.8 76.2  
61 45.2 34.6 51.8



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

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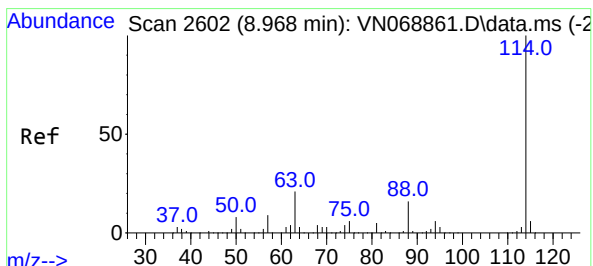
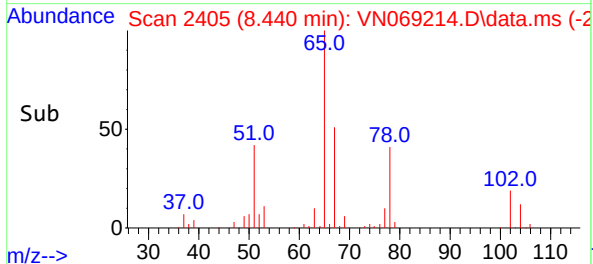
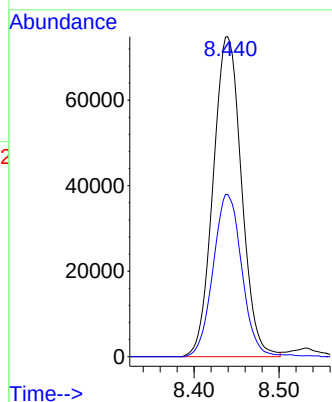
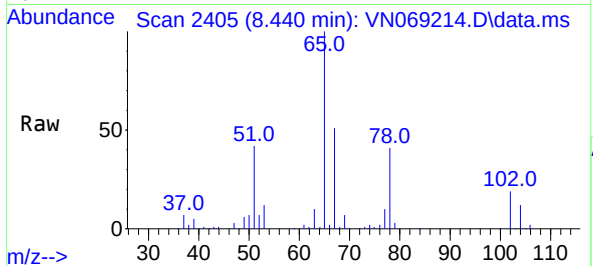
#33  
1,2-Dichloroethane-d4  
Concen: 55.271 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 65 Resp: 173909  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 103.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

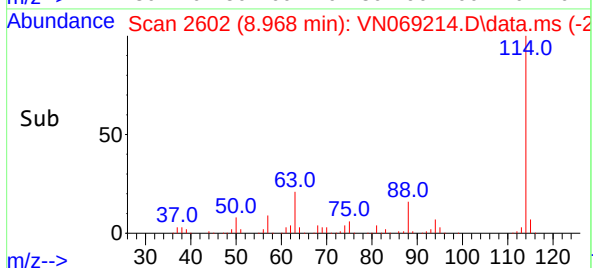
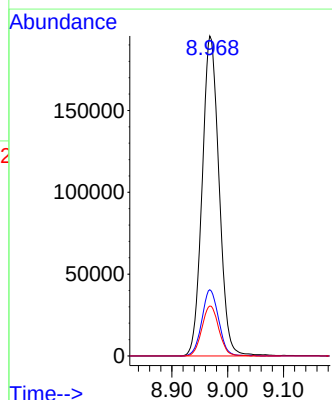
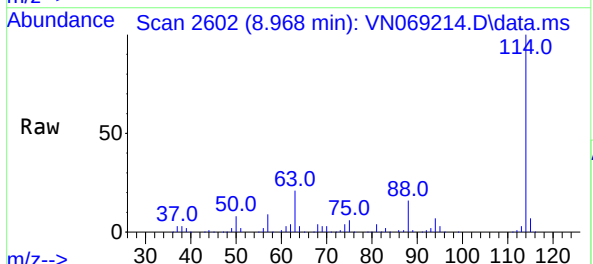
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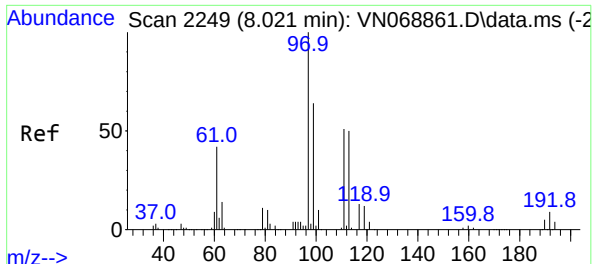
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 114 Resp: 411375  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 42.6  
88 15.6 0.0 32.0





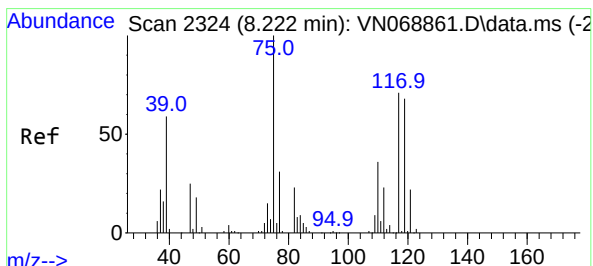
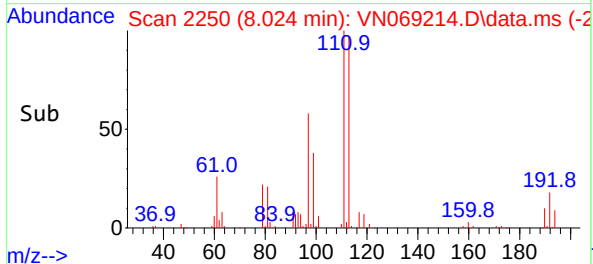
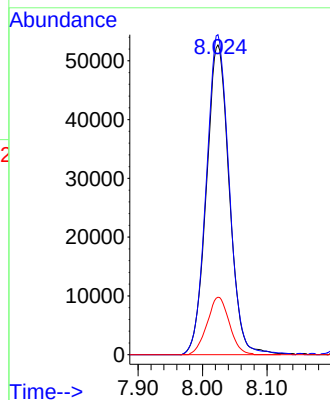
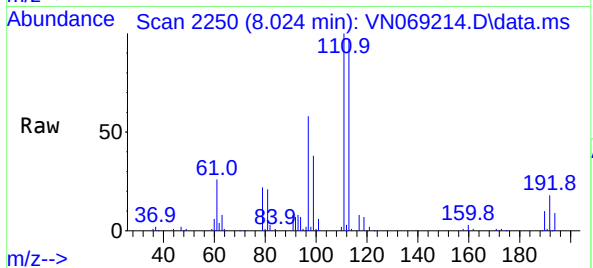
#35  
Dibromofluoromethane  
Concen: 54.232 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 113 Resp: 129799  
Ion Ratio Lower Upper  
113 100  
111 102.5 83.2 124.8  
192 18.1 15.0 22.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

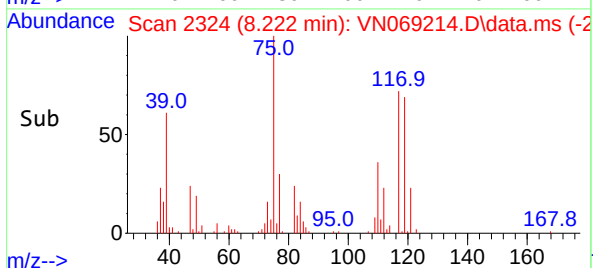
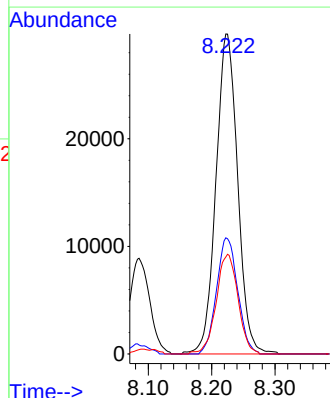
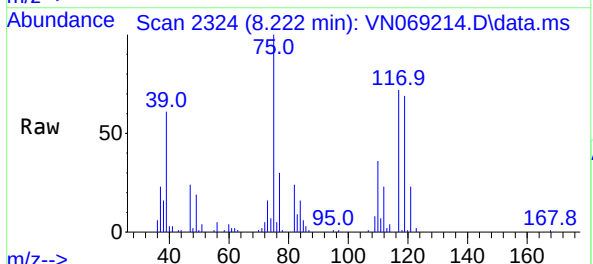
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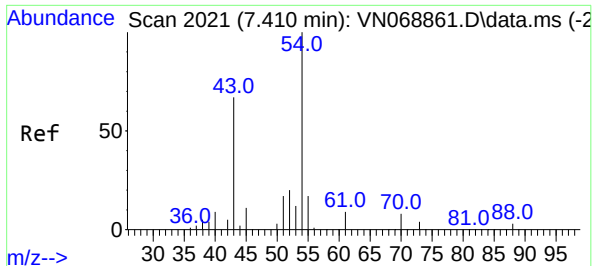
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#36  
1,1-Dichloropropene  
Concen: 20.141 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 75 Resp: 70771  
Ion Ratio Lower Upper  
75 100  
110 35.4 17.9 53.8  
77 31.3 24.7 37.1





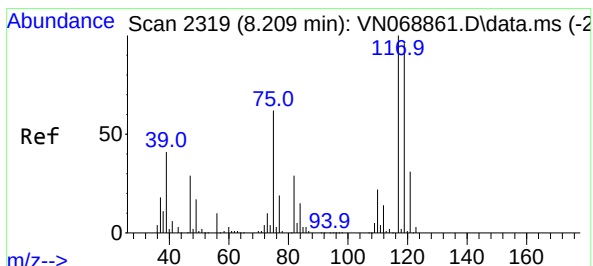
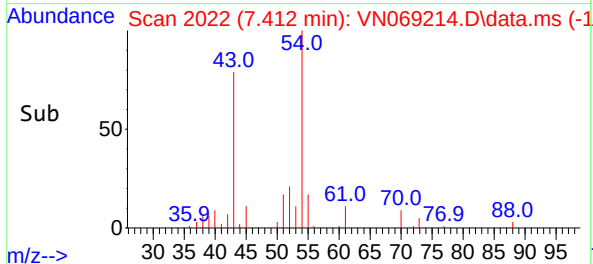
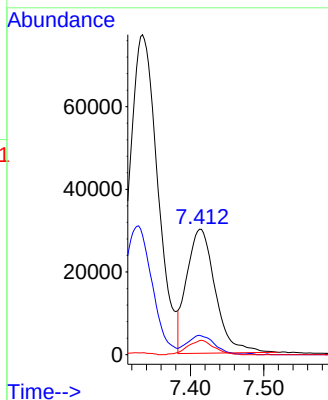
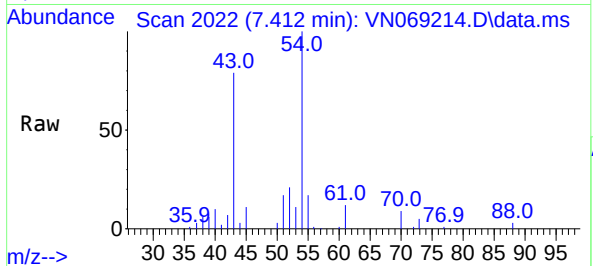
#37  
Ethyl Acetate  
Concen: 22.454 ug/l  
RT: 7.412 min Scan# 2022  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 81486 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.3  | 11.2  | 16.8  |
| 70       | 10.6  | 8.4   | 12.6  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

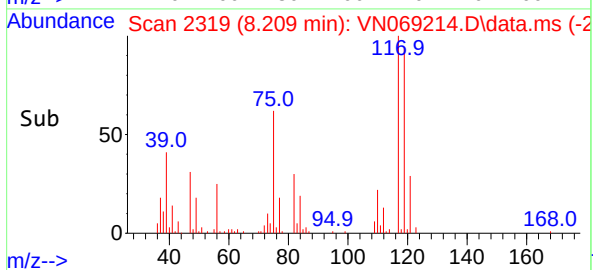
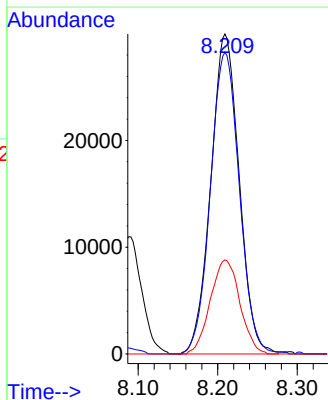
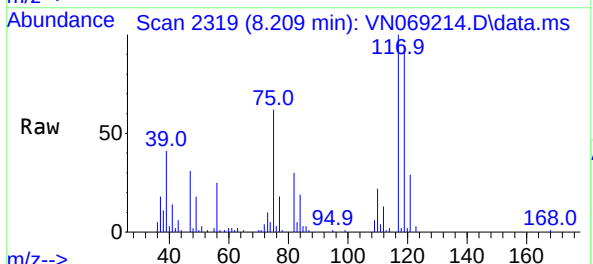
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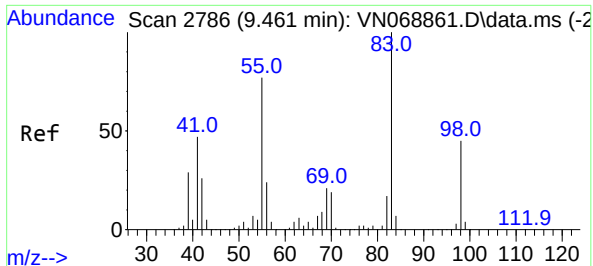
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#38  
Carbon Tetrachloride  
Concen: 19.236 ug/l  
RT: 8.209 min Scan# 2319  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 74232 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.3  | 76.9  | 115.3 |
| 121      | 29.4  | 24.6  | 37.0  |





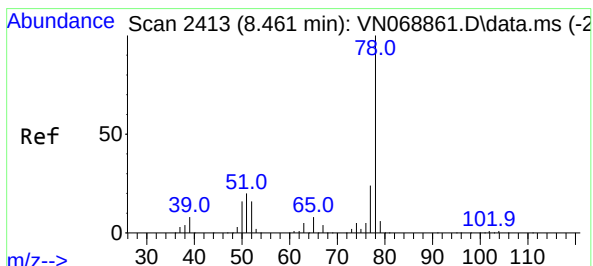
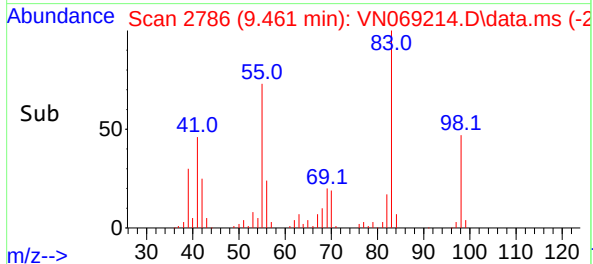
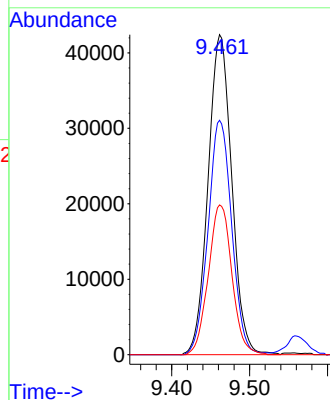
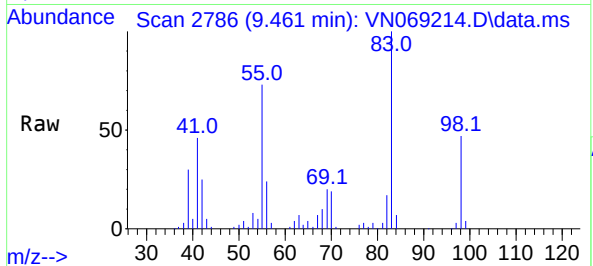
#39  
Methylcyclohexane  
Concen: 19.805 ug/l  
RT: 9.461 min Scan# 2786  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 83 Resp: 89572  
Ion Ratio Lower Upper  
83 100  
55 73.3 61.4 92.0  
98 46.8 36.4 54.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

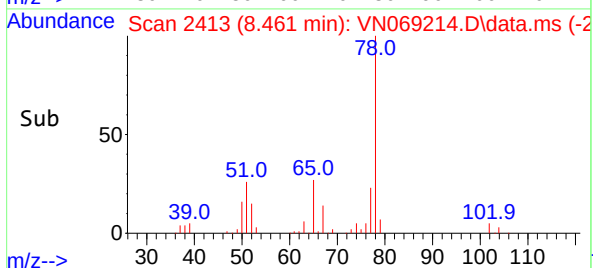
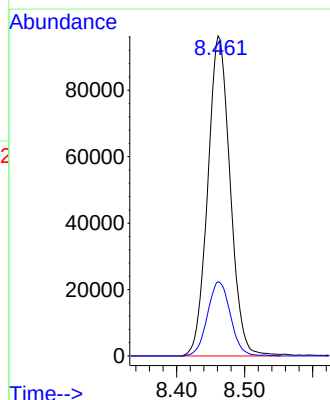
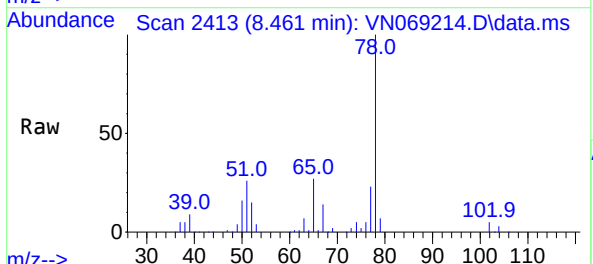
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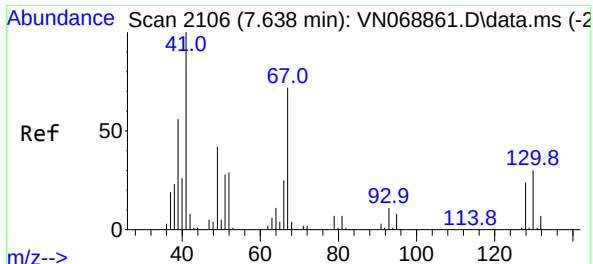


#40  
Benzene  
Concen: 20.612 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 78 Resp: 220540  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.1 28.7







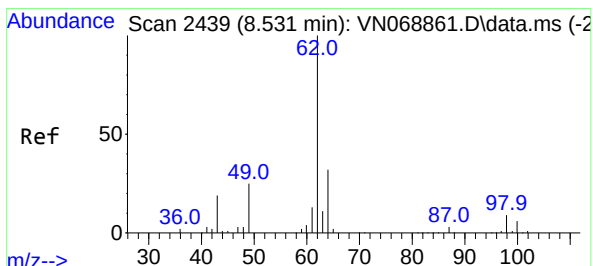
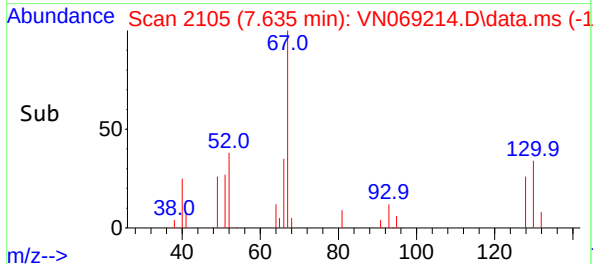
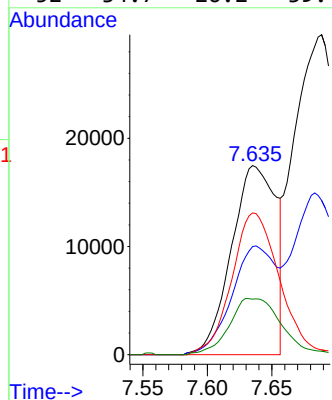
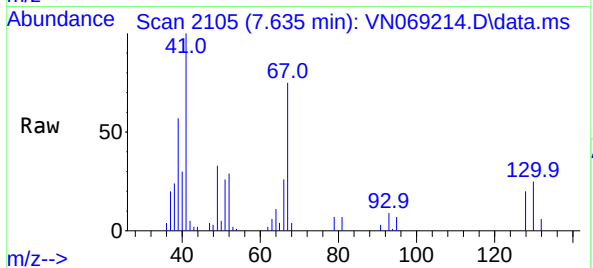
#41  
Methacrylonitrile  
Concen: 22.889 ug/l  
RT: 7.635 min Scan# 2105  
Delta R.T. -0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 41871 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.1  | 44.9  | 67.3  |
| 67       | 80.4  | 62.6  | 93.8  |
| 52       | 34.7  | 26.2  | 39.4  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

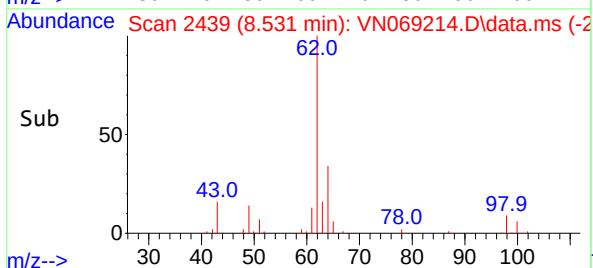
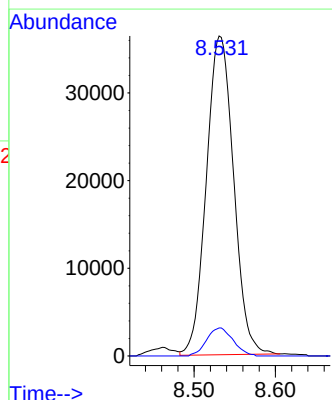
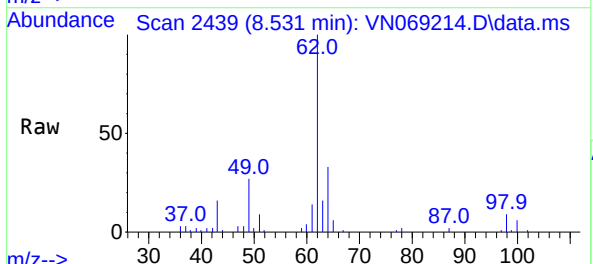
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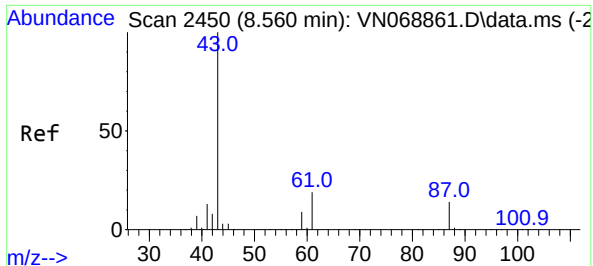
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#42  
1,2-Dichloroethane  
Concen: 22.375 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 84778 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.6   | 0.0   | 17.2  |





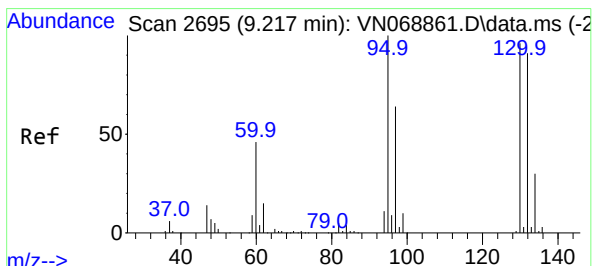
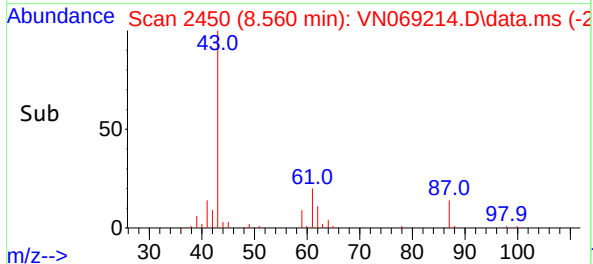
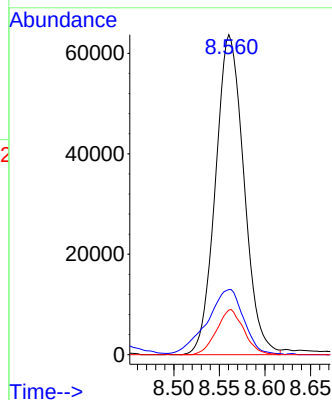
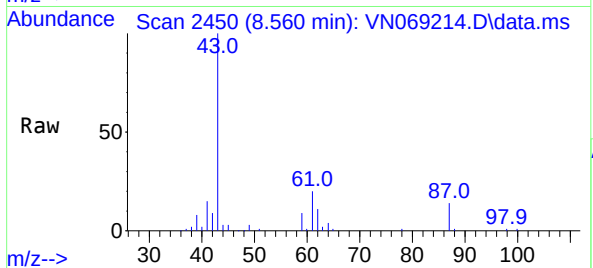
#43  
Isopropyl Acetate  
Concen: 21.595 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 43 Resp: 138276  
Ion Ratio Lower Upper  
43 100  
61 26.3 20.4 30.6  
87 13.5 10.7 16.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

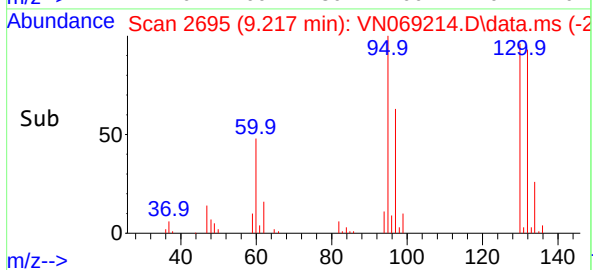
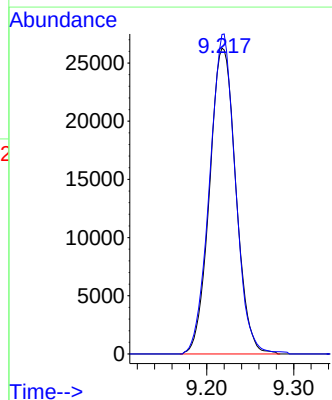
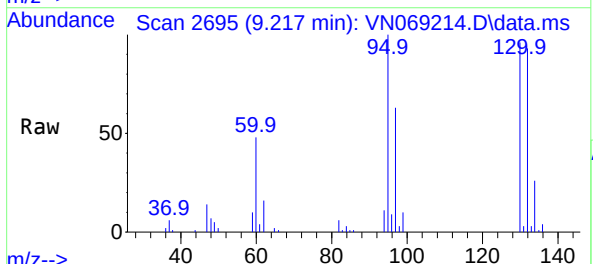
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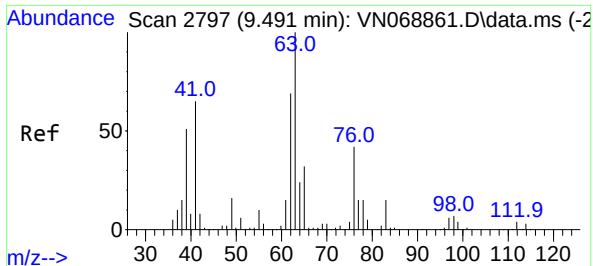
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#44  
Trichloroethene  
Concen: 20.611 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 130 Resp: 55194  
Ion Ratio Lower Upper  
130 100  
95 104.5 0.0 208.0





#45

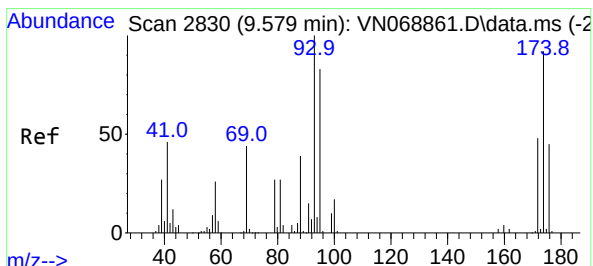
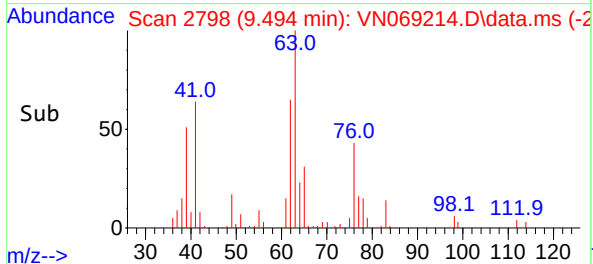
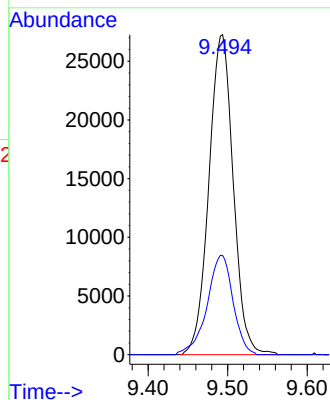
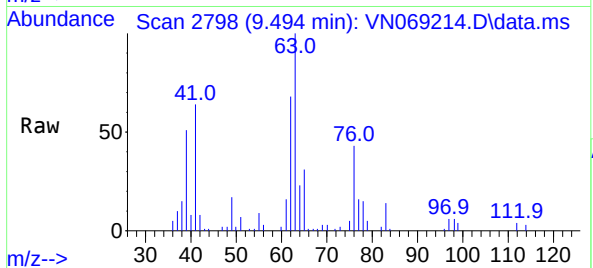
1,2-Dichloropropane  
Concen: 20.925 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 63 Resp: 58098  
Ion Ratio Lower Upper  
63 100  
65 31.0 25.6 38.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

Manual Integrations  
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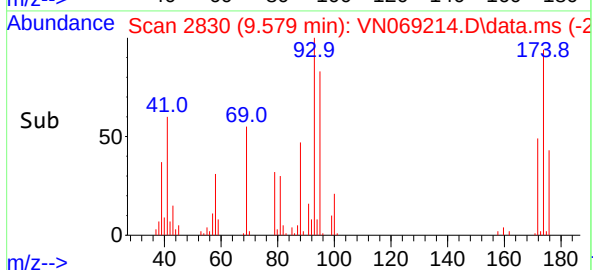
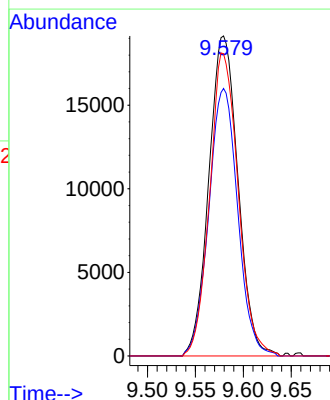
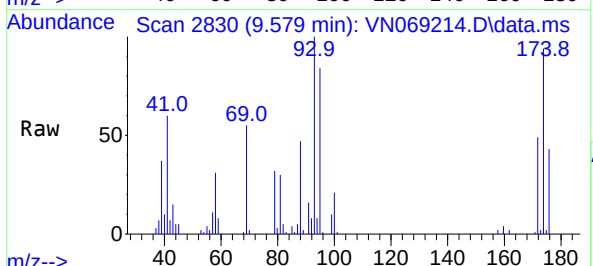
MMDadoda  
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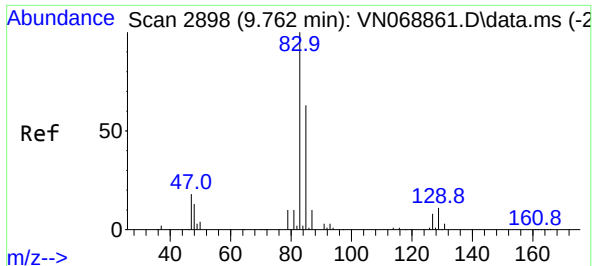


#46

Dibromomethane  
Concen: 21.362 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 93 Resp: 40486  
Ion Ratio Lower Upper  
93 100  
95 82.8 66.5 99.7  
174 92.3 73.8 110.8





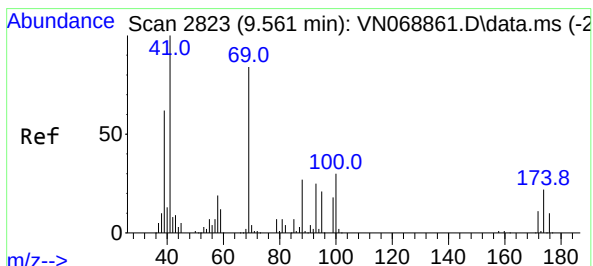
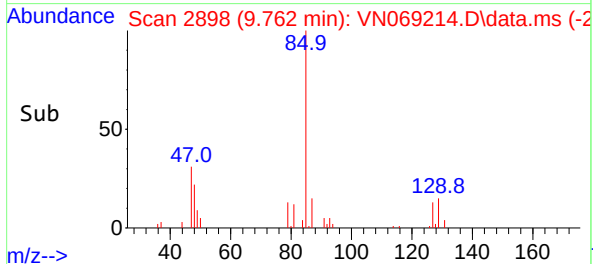
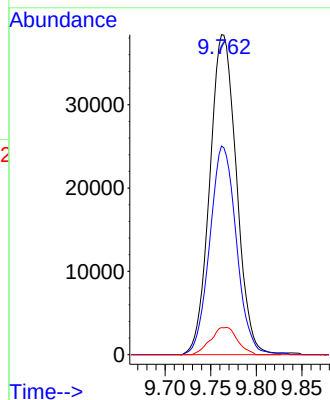
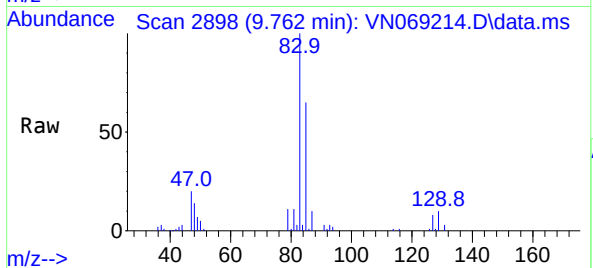
#47  
Bromodichloromethane  
Concen: 19.905 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 83 Resp: 78175  
Ion Ratio Lower Upper  
83 100  
85 65.2 50.7 76.1  
127 8.4 6.5 9.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

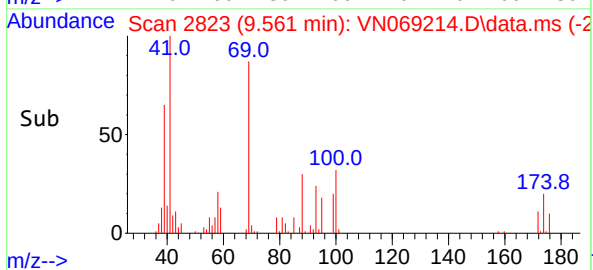
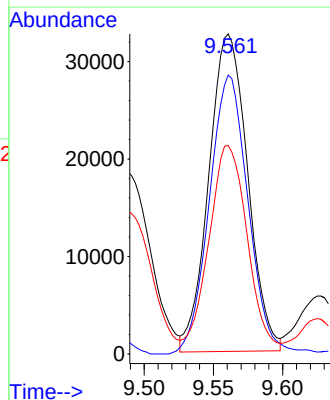
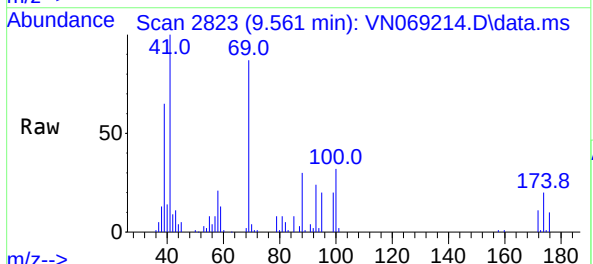
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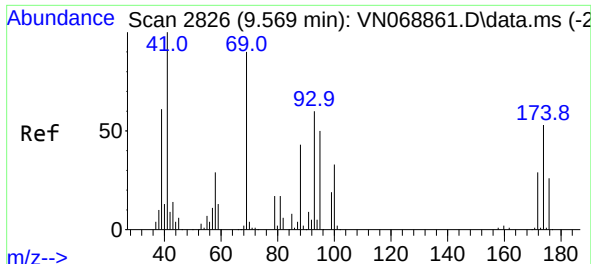
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#48  
Methyl methacrylate  
Concen: 21.113 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 41 Resp: 63521  
Ion Ratio Lower Upper  
41 100  
69 88.3 66.4 99.6  
39 59.2 50.2 75.2





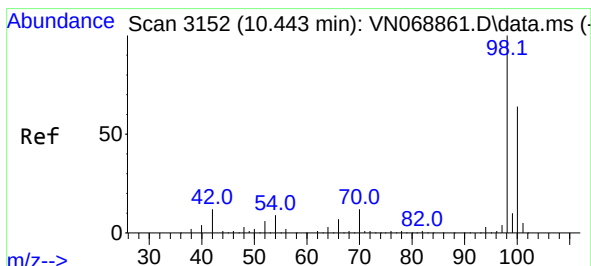
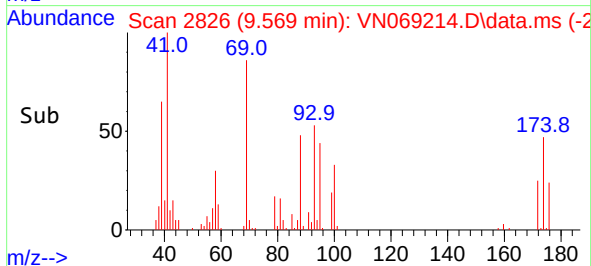
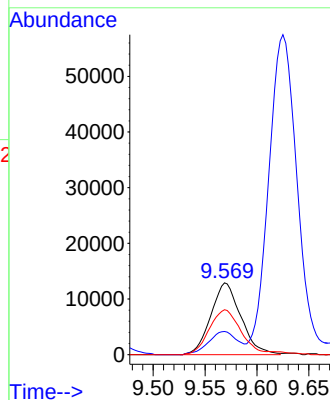
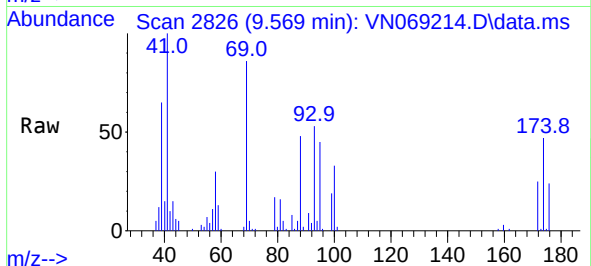
#49  
1,4-Dioxane  
Concen: 463.614 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 88 Resp: 26023  
Ion Ratio Lower Upper  
88 100  
43 30.8 24.9 37.3  
58 68.3 56.9 85.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

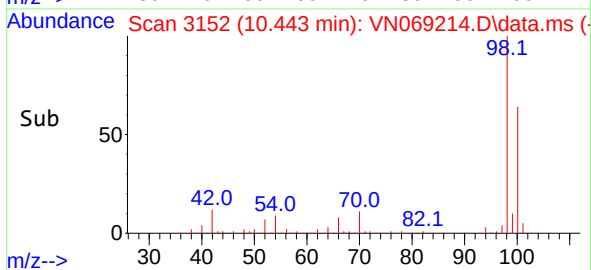
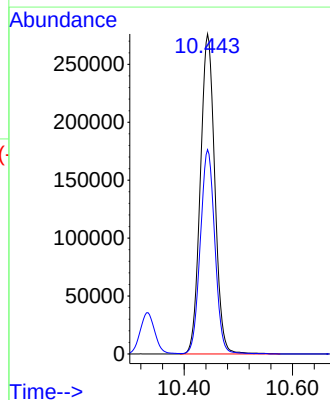
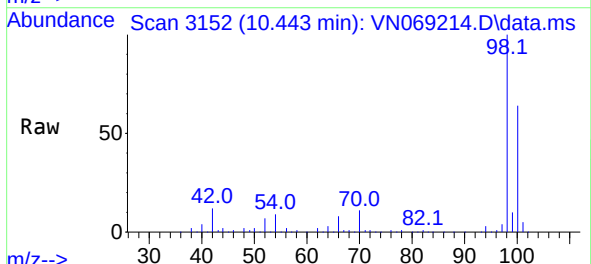
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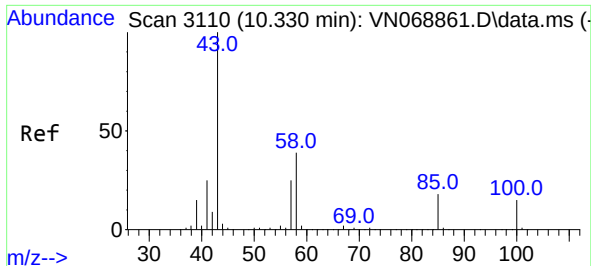
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#50  
Toluene-d8  
Concen: 53.434 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 98 Resp: 511704  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.5 77.3





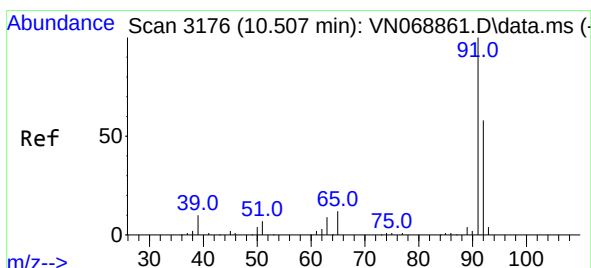
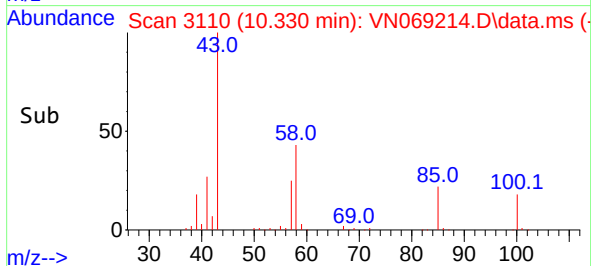
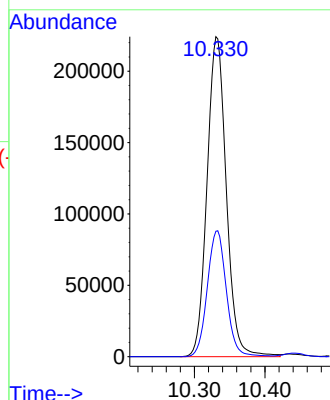
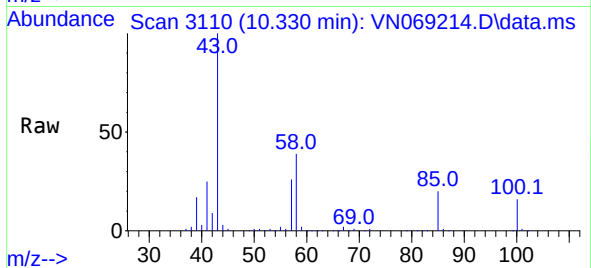
#51  
4-Methyl-2-Pentanone  
Concen: 114.559 ug/l  
RT: 10.330 min Scan# 3110  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 43 Resp: 425329  
Ion Ratio Lower Upper  
43 100  
58 38.9 31.0 46.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

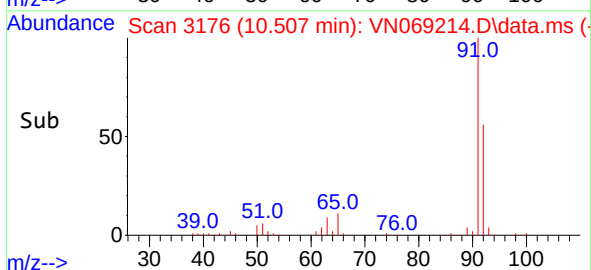
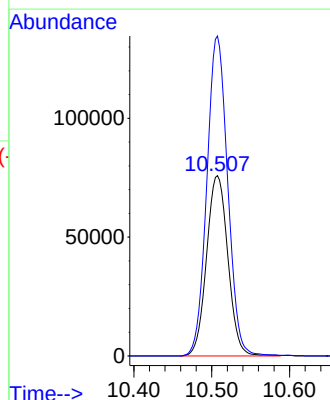
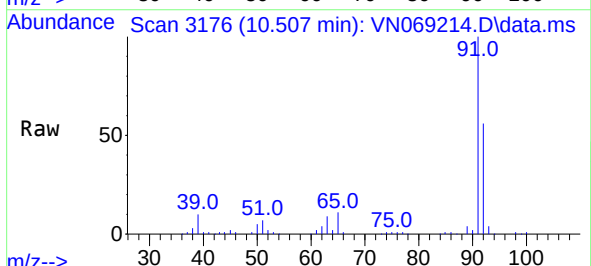
Manual Integrations  
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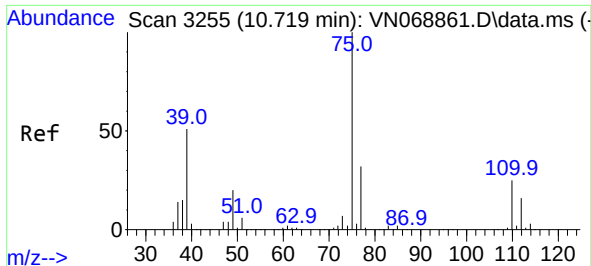
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#52  
Toluene  
Concen: 21.021 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 92 Resp: 144704  
Ion Ratio Lower Upper  
92 100  
91 173.3 138.5 207.7





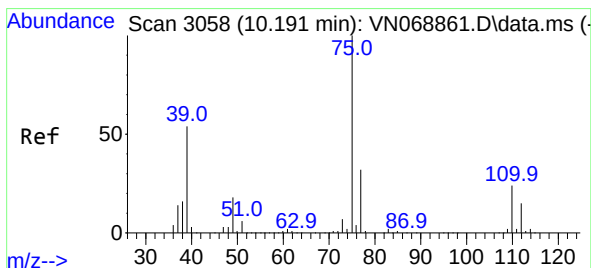
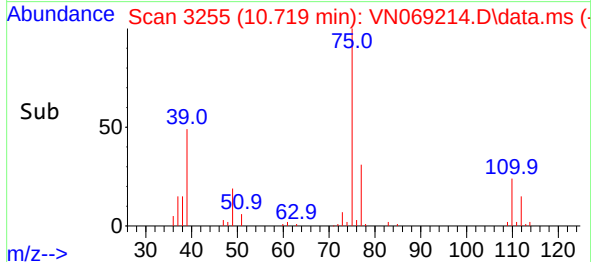
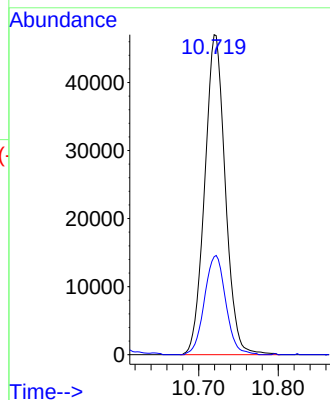
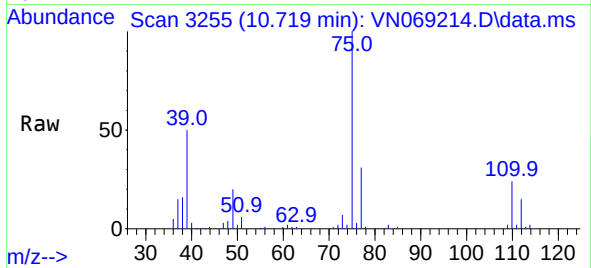
#53  
t-1,3-Dichloropropene  
Concen: 19.003 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 75 Resp: 84541  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.4 38.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

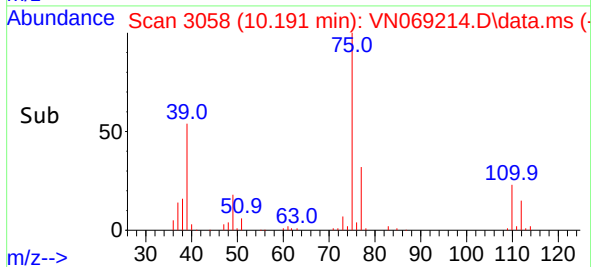
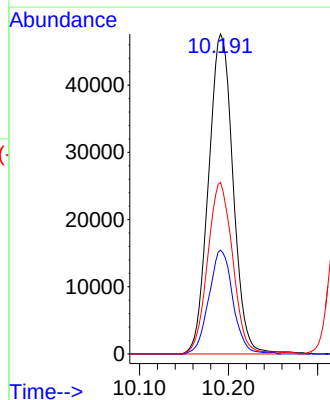
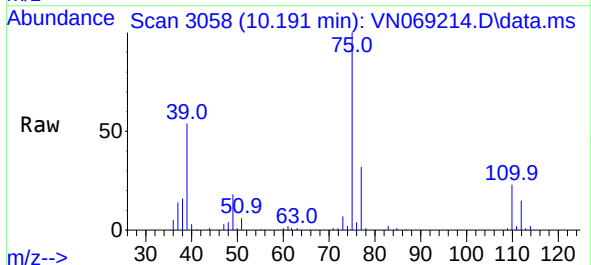
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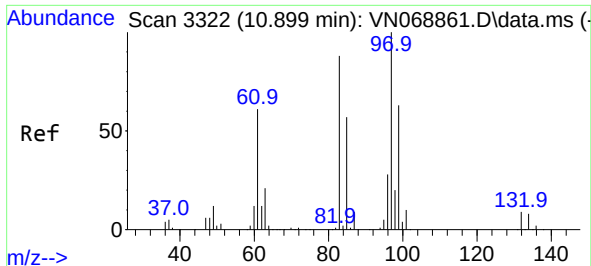
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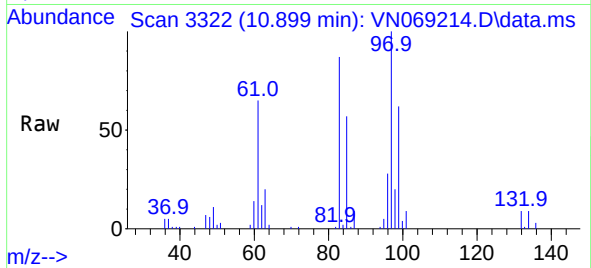
#54  
cis-1,3-Dichloropropene  
Concen: 19.646 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 75 Resp: 90933  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.6 38.4  
39 53.6 42.9 64.3



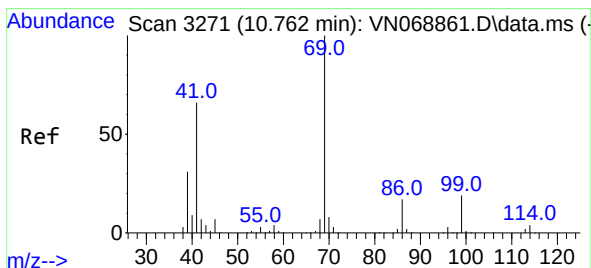
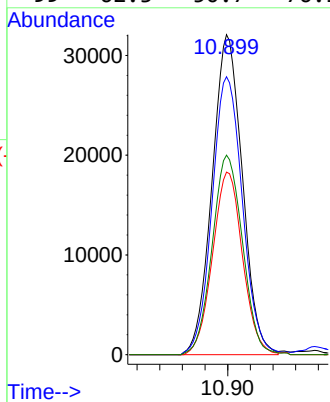
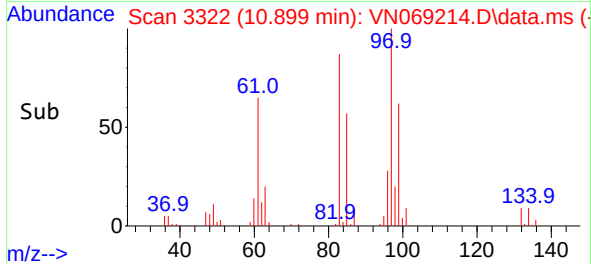


#55  
1,1,2-Trichloroethane  
Concen: 21.864 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

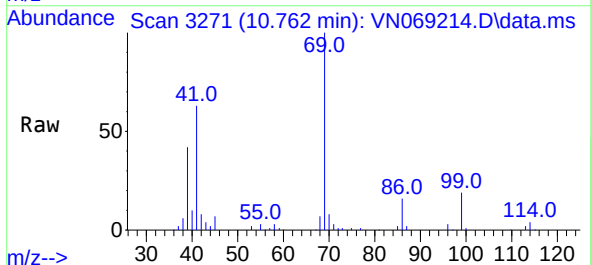


Tgt Ion: 97 Resp: 59341

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.8  | 70.5  | 105.7 |
| 85  | 57.0  | 45.3  | 67.9  |
| 99  | 62.3  | 50.7  | 76.1  |

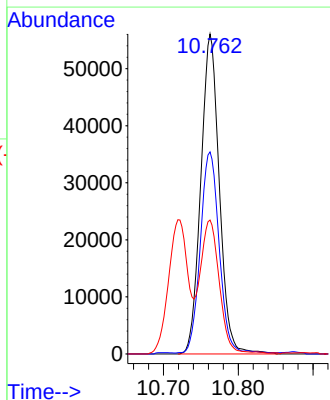
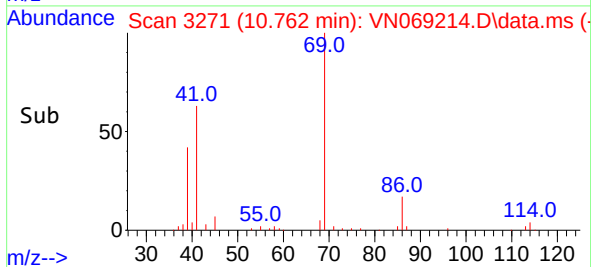


#56  
Ethyl methacrylate  
Concen: 21.177 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



Tgt Ion: 69 Resp: 96500

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.3  | 53.3  | 79.9  |
| 39  | 42.0  | 33.3  | 49.9  |

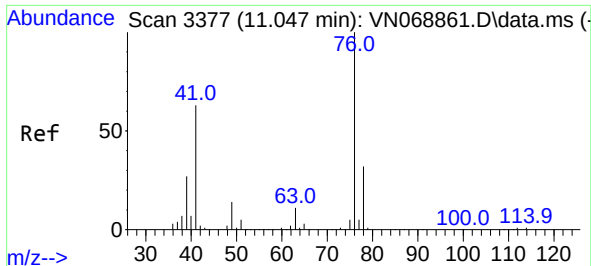


Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

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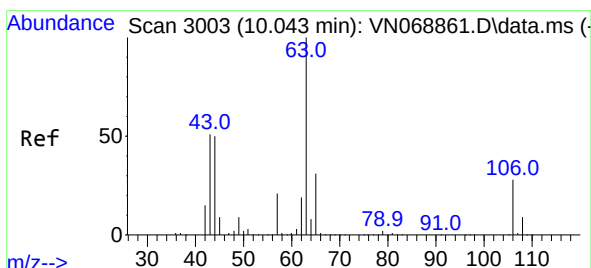
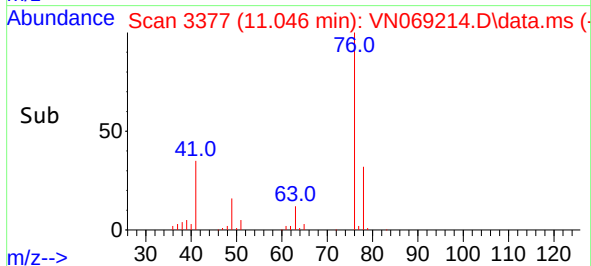
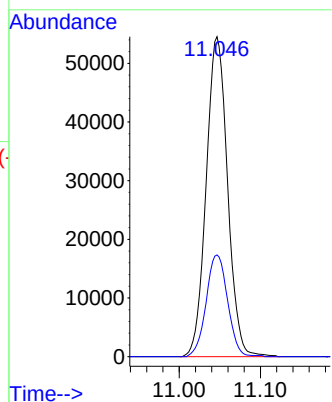
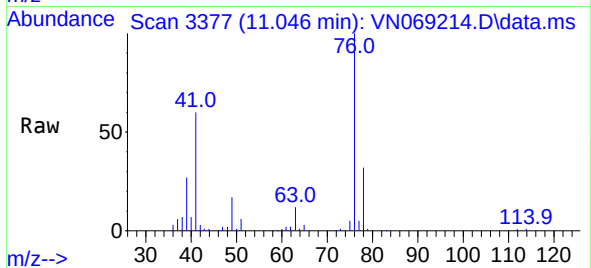
#57  
1,3-Dichloropropane  
Concen: 22.313 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 76 Resp: 99858  
Ion Ratio Lower Upper  
76 100  
78 31.9 25.8 38.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

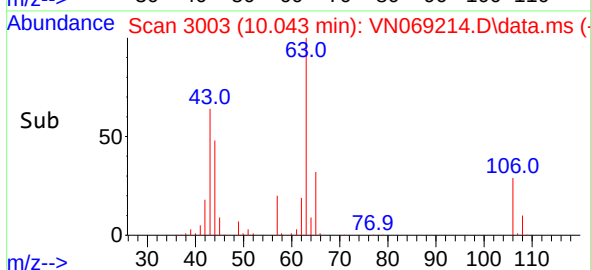
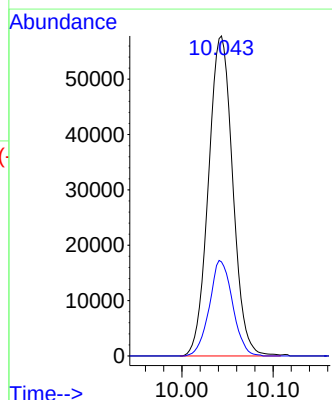
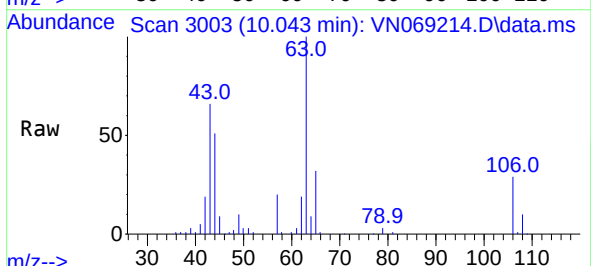
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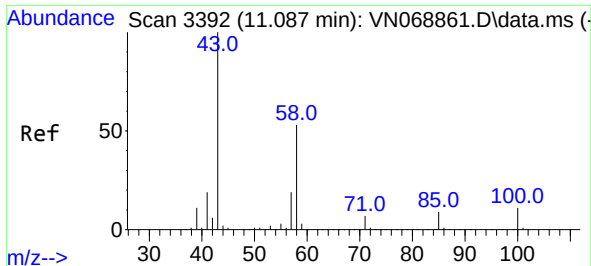
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#58  
2-Chloroethyl Vinyl ether  
Concen: 92.531 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 63 Resp: 106914  
Ion Ratio Lower Upper  
63 100  
106 28.5 22.2 33.2





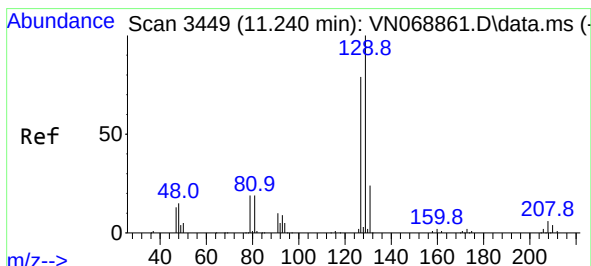
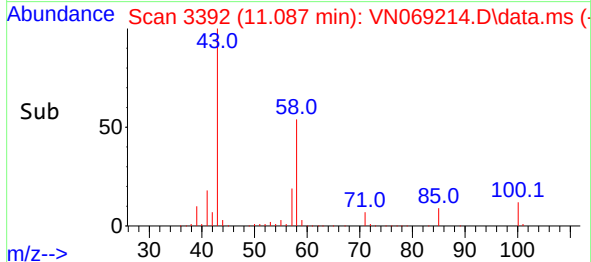
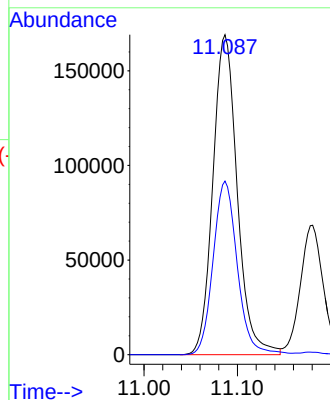
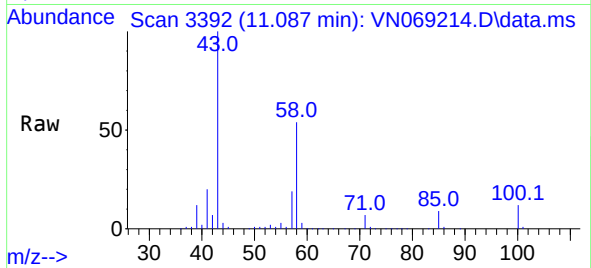
#59  
2-Hexanone  
Concen: 115.169 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 43 Resp: 306641  
Ion Ratio Lower Upper  
43 100  
58 53.9 26.9 80.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

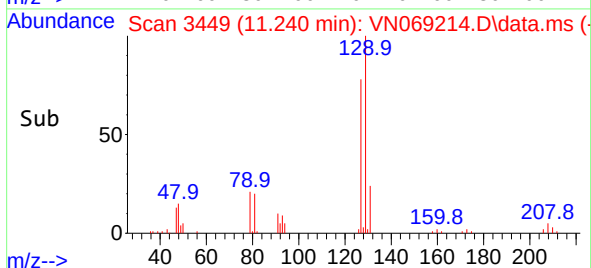
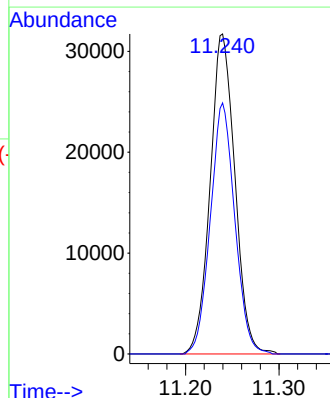
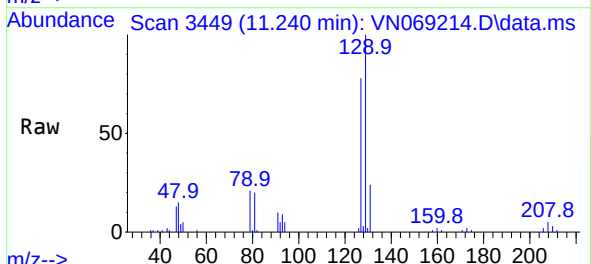
Manual Integrations  
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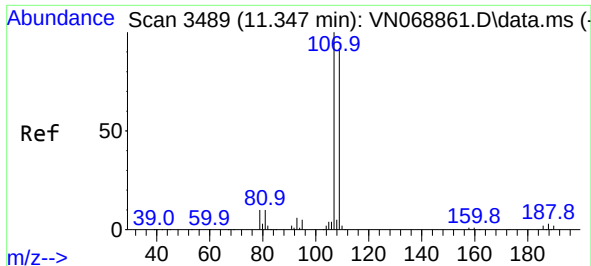
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#60  
Dibromochloromethane  
Concen: 19.084 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

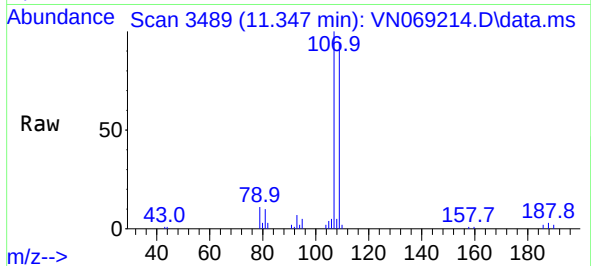
Tgt Ion:129 Resp: 58463  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.1 117.2





#61  
1,2-Dibromoethane  
Concen: 21.491 ug/l  
RT: 11.347 min Scan# 3489  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

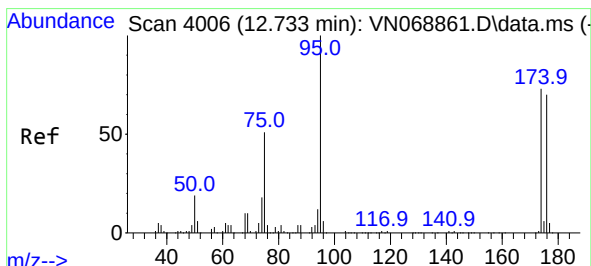
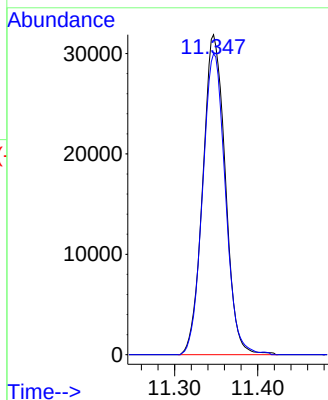
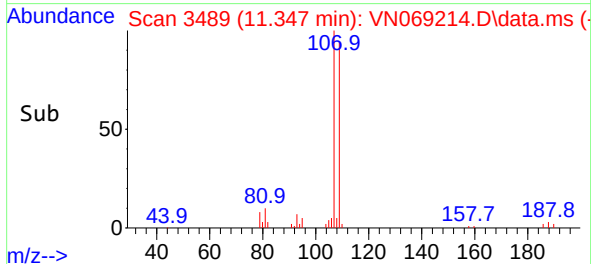
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05



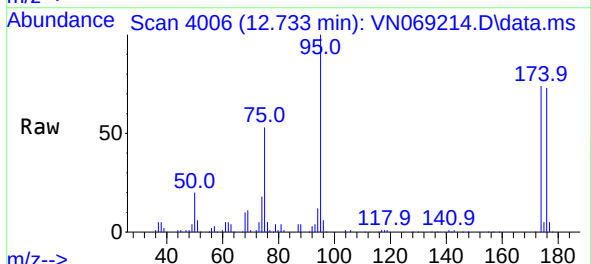
Tgt Ion:107 Resp: 59827  
Ion Ratio Lower Upper  
107 100  
109 95.1 74.7 112.1

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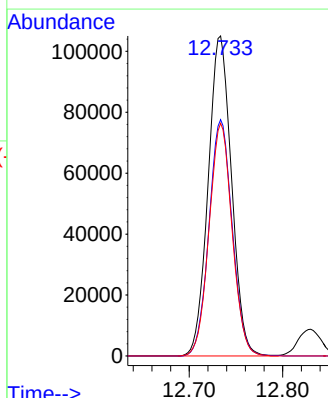
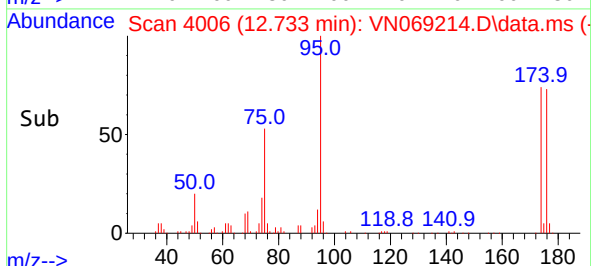
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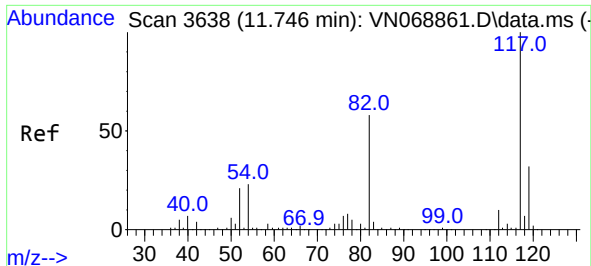


#62  
4-Bromofluorobenzene  
Concen: 50.585 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



Tgt Ion: 95 Resp: 182769  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 144.8  
176 71.5 0.0 140.0





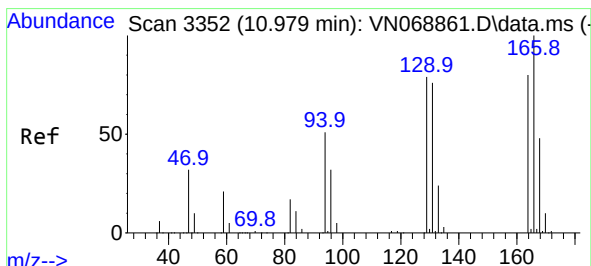
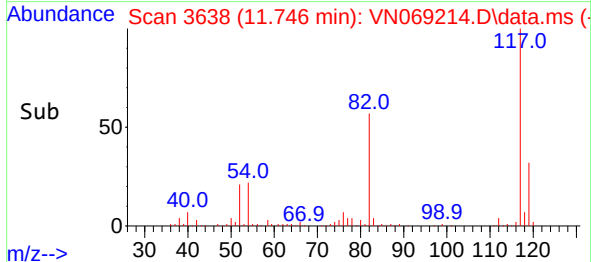
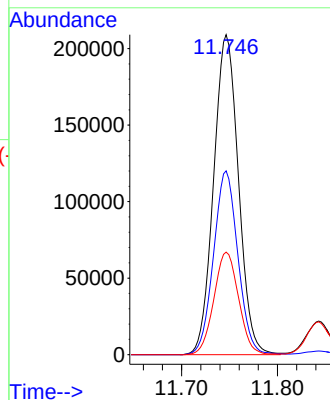
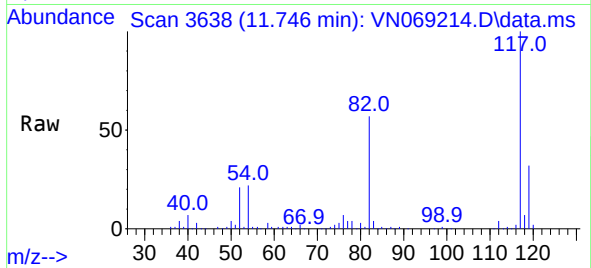
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

Tgt Ion:117 Resp: 375817  
Ion Ratio Lower Upper  
117 100  
82 57.5 46.4 69.6  
119 32.1 26.0 39.0

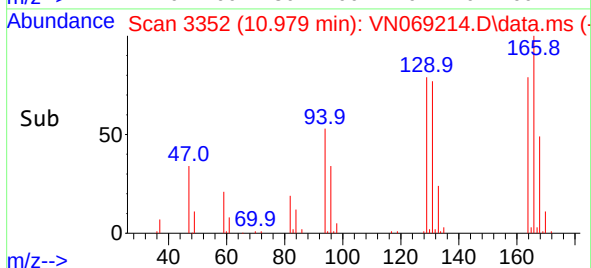
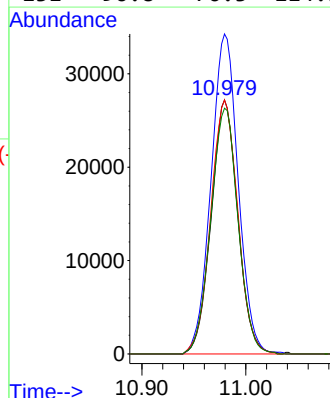
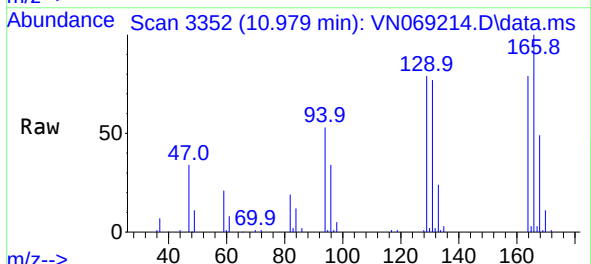
Manual Integrations  
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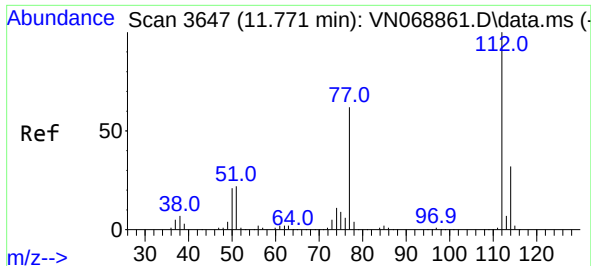
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#64  
Tetrachloroethene  
Concen: 19.951 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

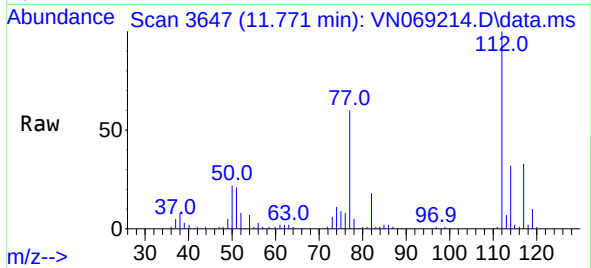
Tgt Ion:164 Resp: 48300  
Ion Ratio Lower Upper  
164 100  
166 126.0 99.8 149.8  
129 100.1 79.2 118.8  
131 96.8 76.3 114.5





#65  
Chlorobenzene  
Concen: 21.382 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

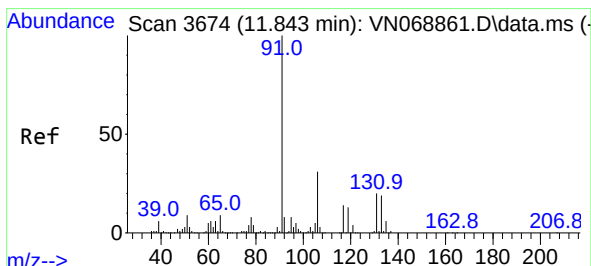
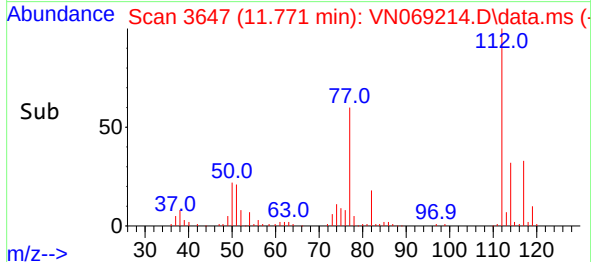
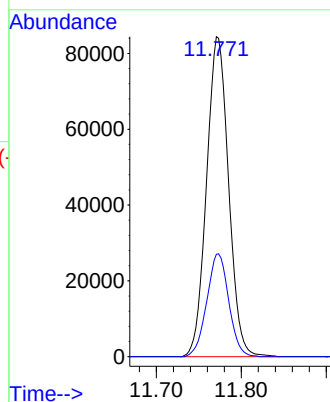
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05



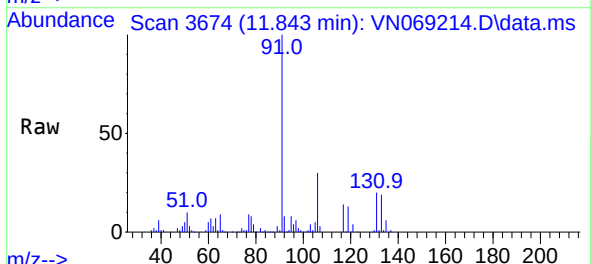
Tgt Ion:112 Resp: 152057  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.5 38.3

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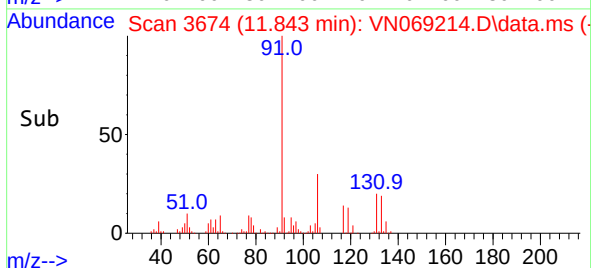
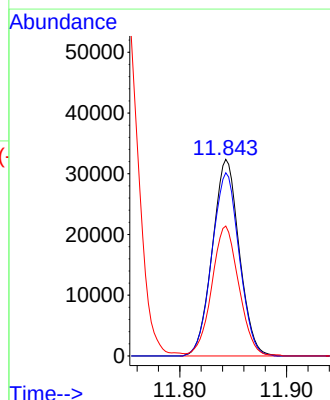
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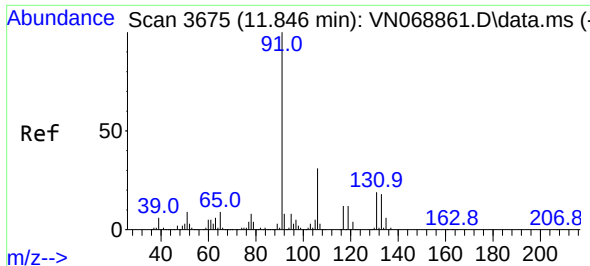


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.375 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



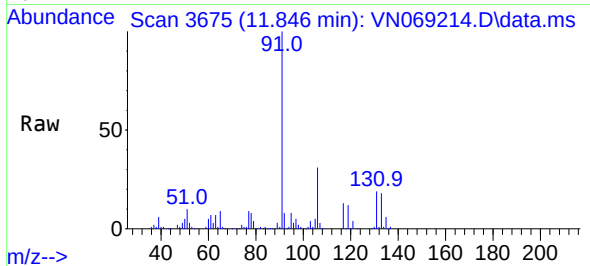
Tgt Ion:131 Resp: 56712  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.3 142.0  
119 66.6 33.0 99.0





#67  
Ethyl Benzene  
Concen: 21.259 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

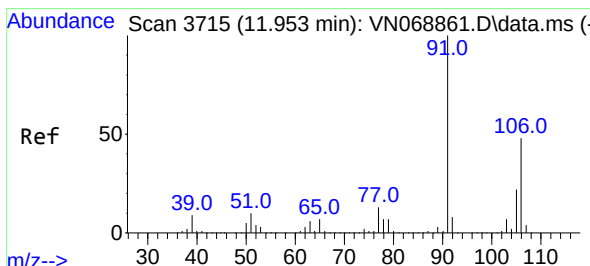
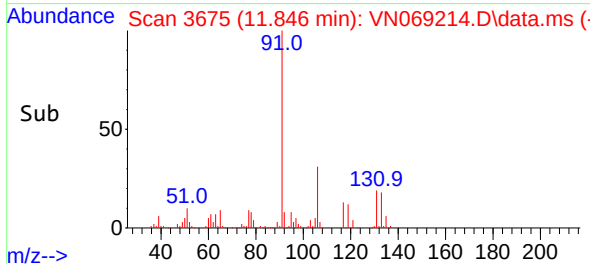
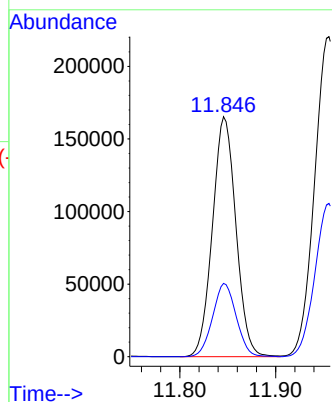
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05



Tgt Ion: 91 Resp: 280829  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.8 37.2

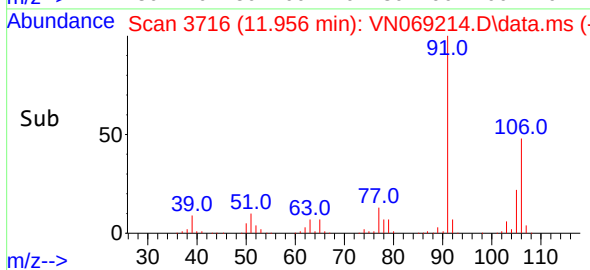
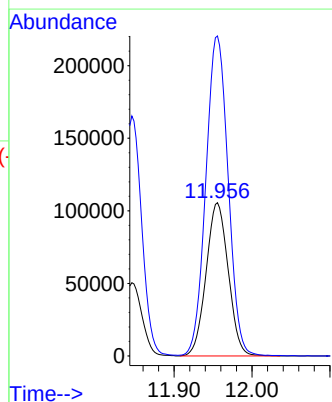
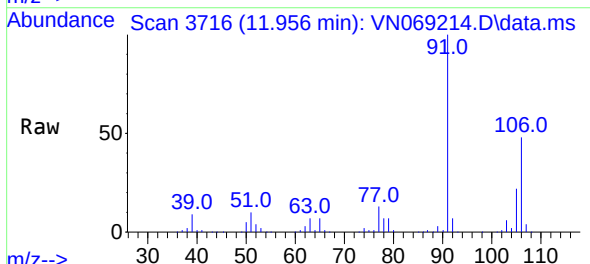
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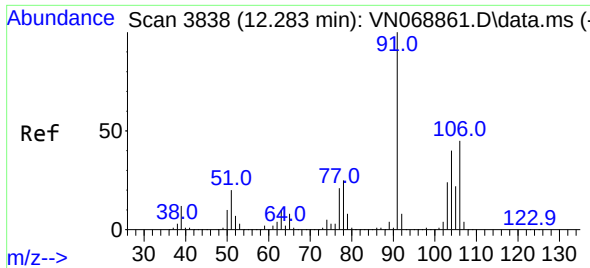
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#68  
m/p-Xylenes  
Concen: 41.728 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 106 Resp: 208963  
Ion Ratio Lower Upper  
106 100  
91 209.8 166.8 250.2





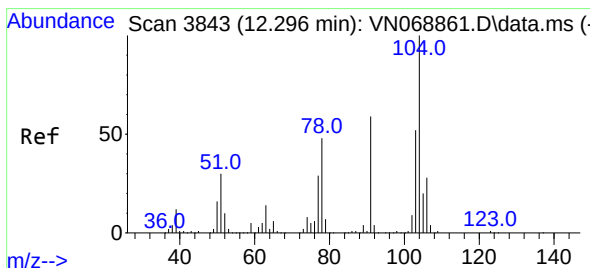
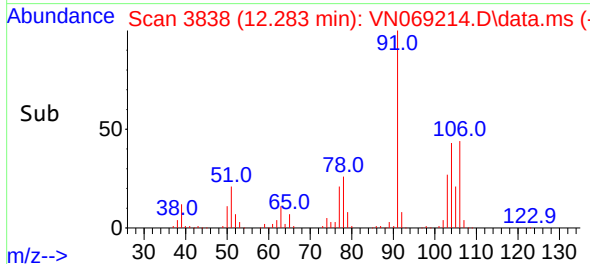
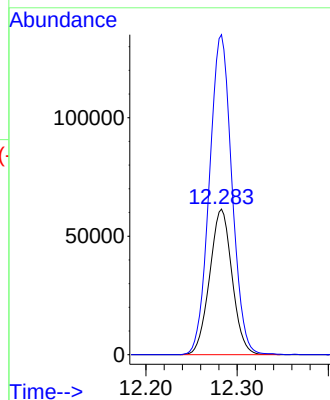
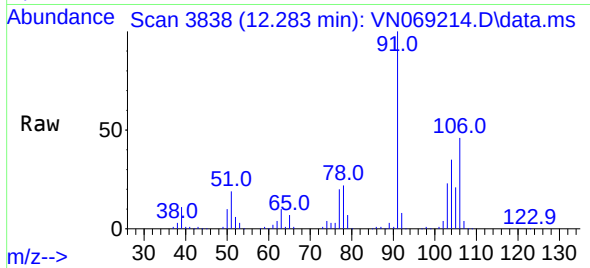
#69  
o-Xylene  
Concen: 20.953 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion:106 Resp: 105027  
Ion Ratio Lower Upper  
106 100  
91 220.7 109.6 328.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

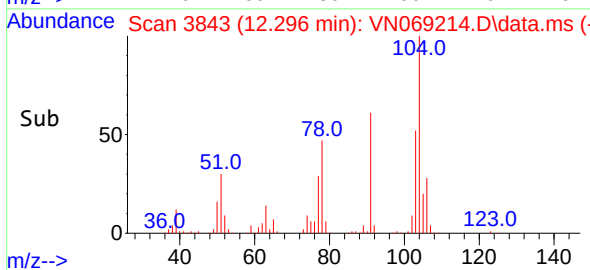
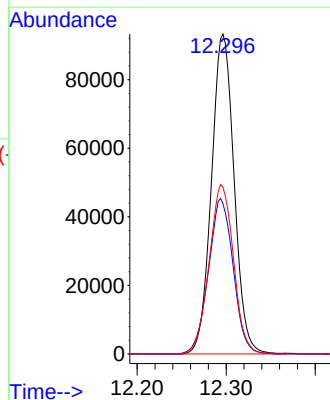
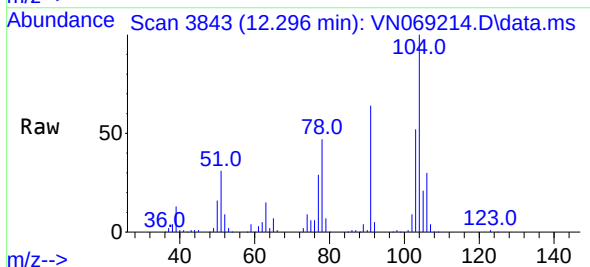
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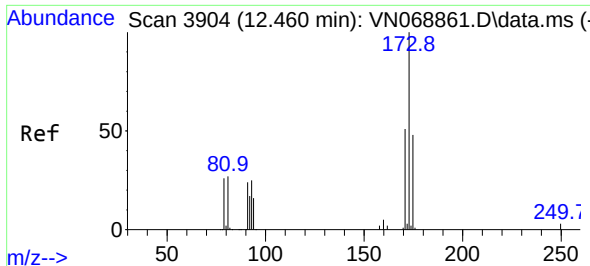
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#70  
Styrene  
Concen: 20.223 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion:104 Resp: 165005  
Ion Ratio Lower Upper  
104 100  
78 52.8 42.2 63.4  
103 57.0 44.4 66.6





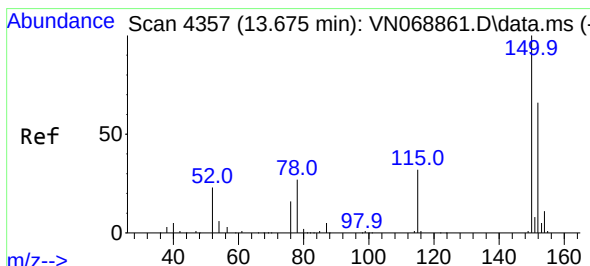
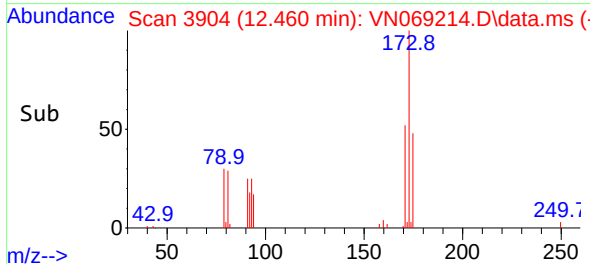
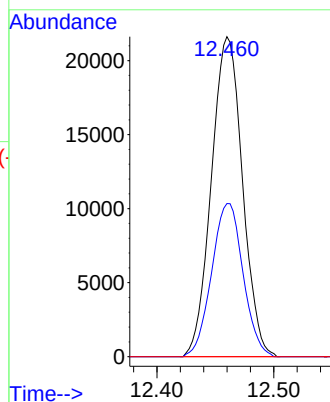
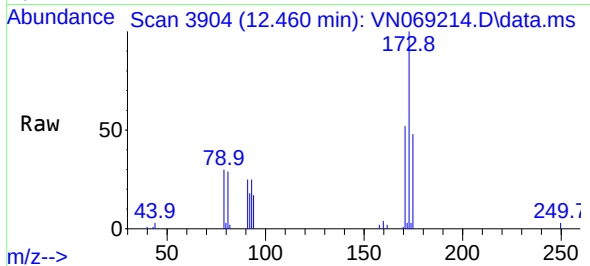
#71  
Bromoform  
Concen: 17.916 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion:173 Resp: 39948  
Ion Ratio Lower Upper  
173 100  
175 48.4 23.8 71.5  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

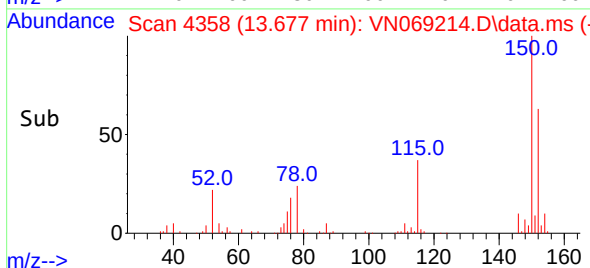
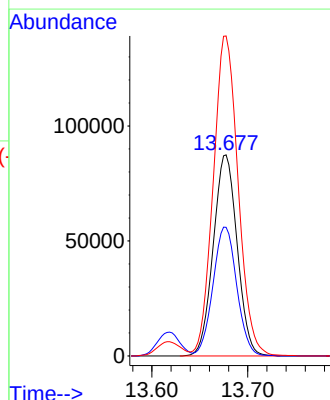
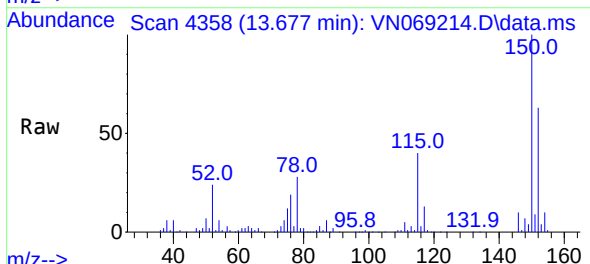
Manual Integrations  
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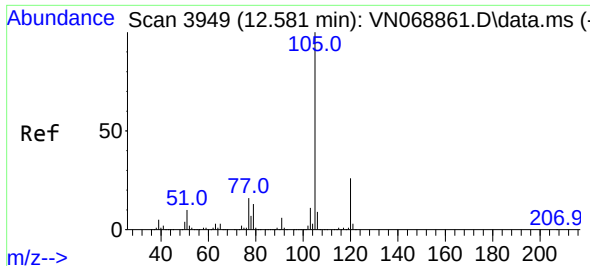


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion:152 Resp: 151293  
Ion Ratio Lower Upper  
152 100  
115 63.9 31.4 94.3  
150 165.9 0.0 351.0

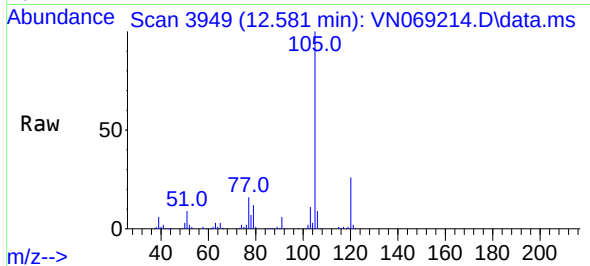






#73  
Isopropylbenzene  
Concen: 21.846 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

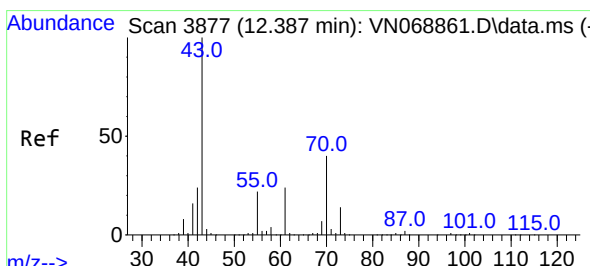
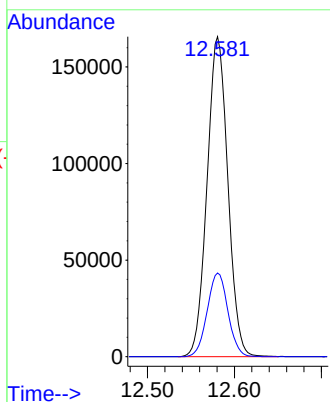
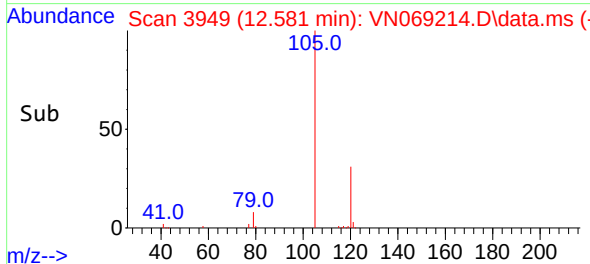
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05



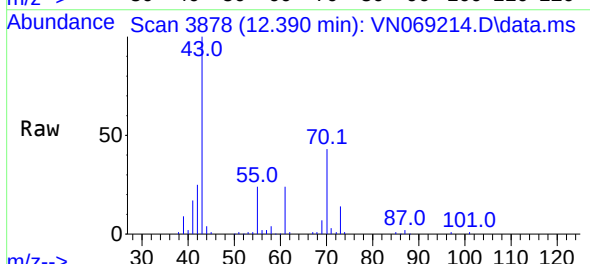
Tgt Ion:105 Resp: 275105  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.1 39.3

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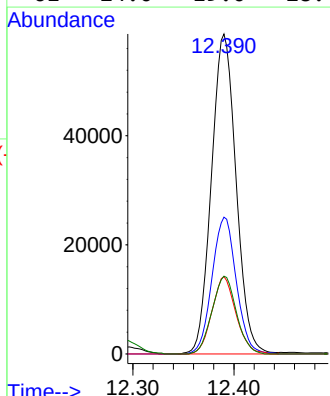
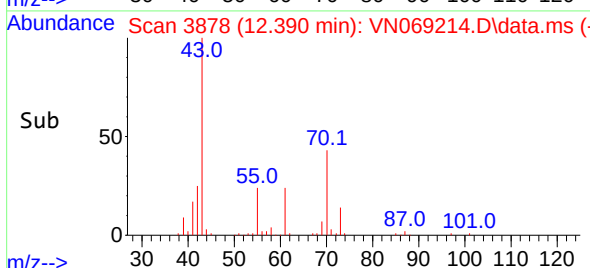
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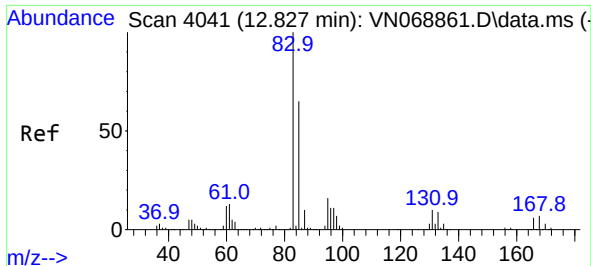


#74  
N-ethyl acetate  
Concen: 20.829 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



Tgt Ion: 43 Resp: 99373  
Ion Ratio Lower Upper  
43 100  
70 42.2 32.2 48.2  
55 23.5 18.0 27.0  
61 24.0 19.0 28.4





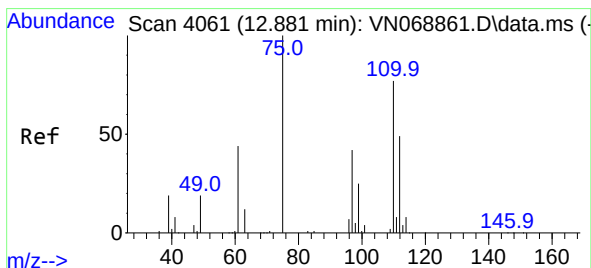
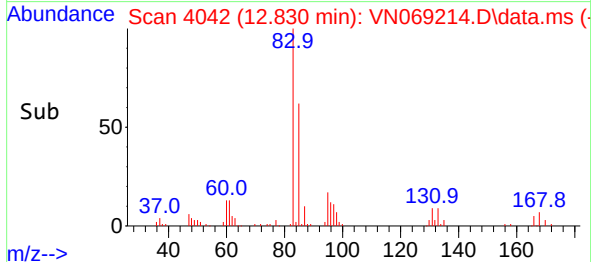
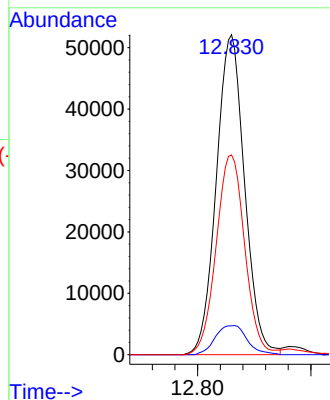
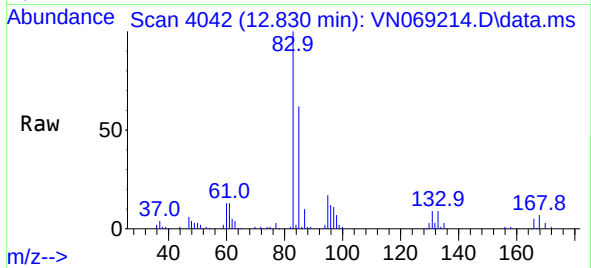
#75  
1,1,2,2-Tetrachloroethane  
Concen: 24.811 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 83 Resp: 90294  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.1 15.2  
85 62.9 32.3 96.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

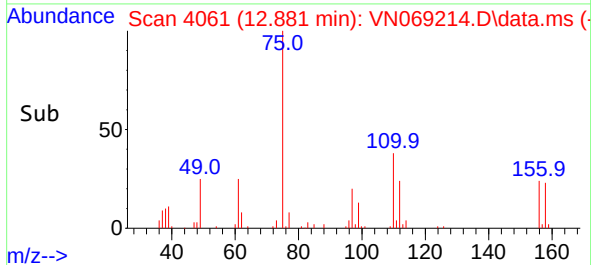
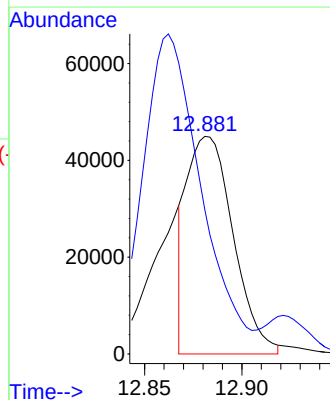
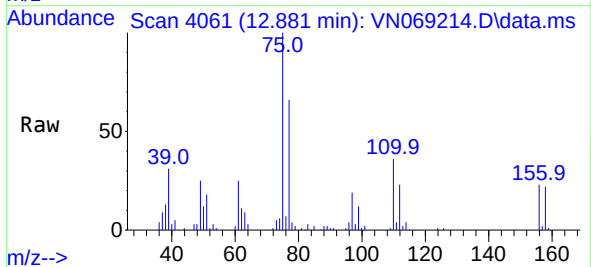
Manual Integrations  
APPROVED

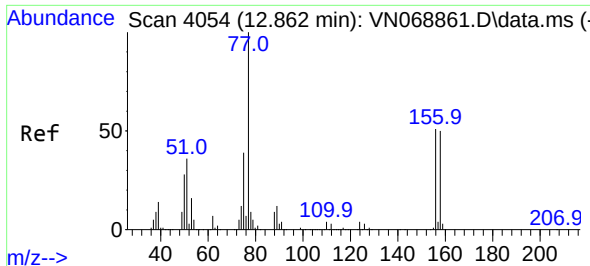
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#76  
1,2,3-Trichloropropane  
Concen: 23.240 ug/l m  
RT: 12.881 min Scan# 4061  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

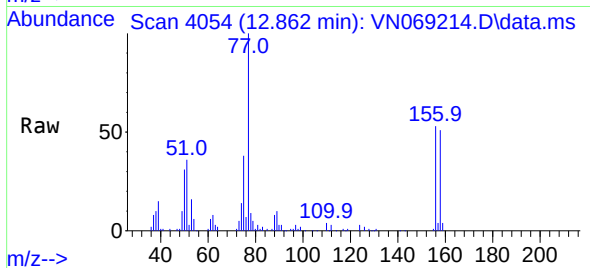
Tgt Ion: 75 Resp: 74813  
Ion Ratio Lower Upper  
75 100  
77 184.4 96.2 288.4





#77  
Bromobenzene  
Concen: 22.370 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

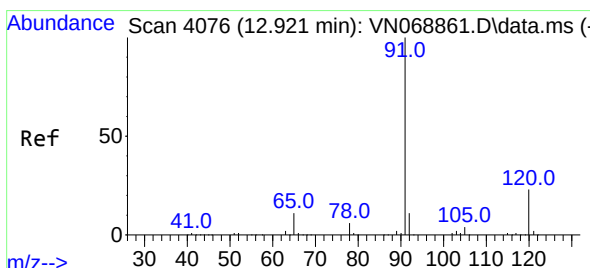
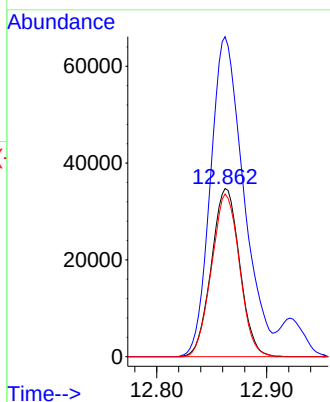
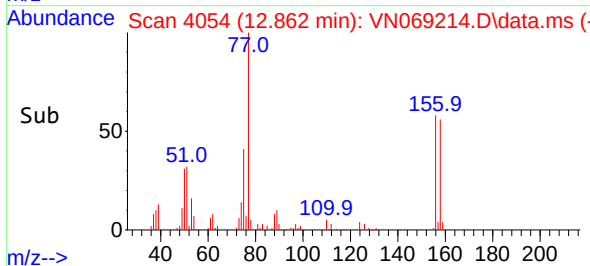
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05



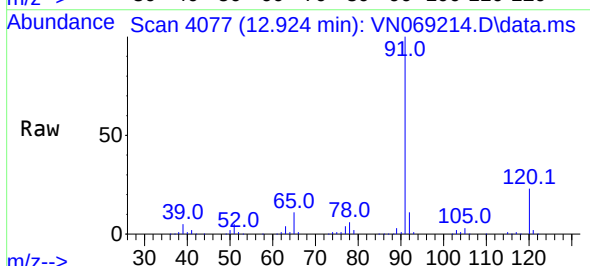
Tgt Ion:156 Resp: 62291  
Ion Ratio Lower Upper  
156 100  
77 221.4 111.8 335.3  
158 95.4 48.4 145.0

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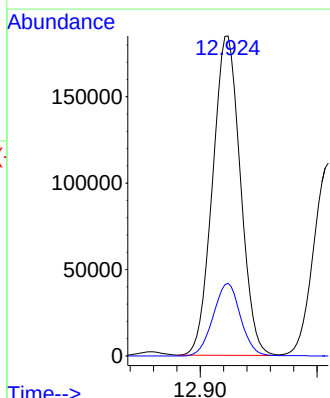
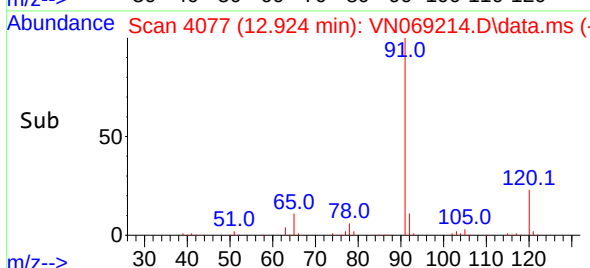
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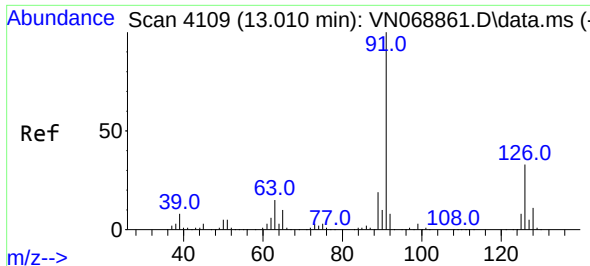


#78  
n-propylbenzene  
Concen: 21.545 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



Tgt Ion: 91 Resp: 304900  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.4 34.1





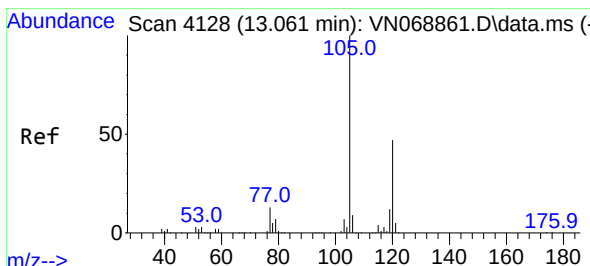
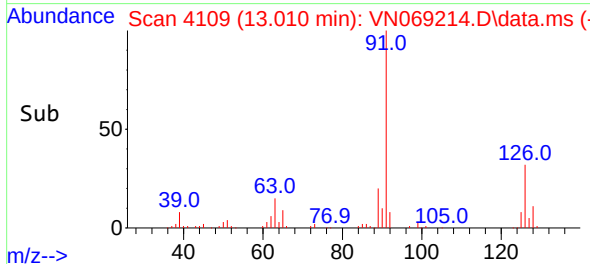
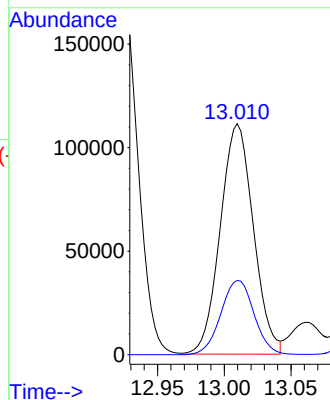
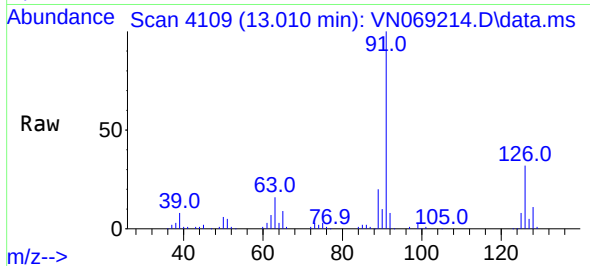
#79  
2-Chlorotoluene  
Concen: 22.061 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 91 Resp: 192433  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.4 49.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

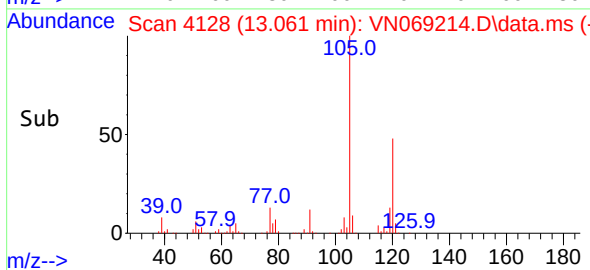
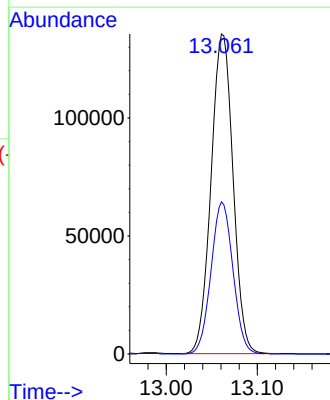
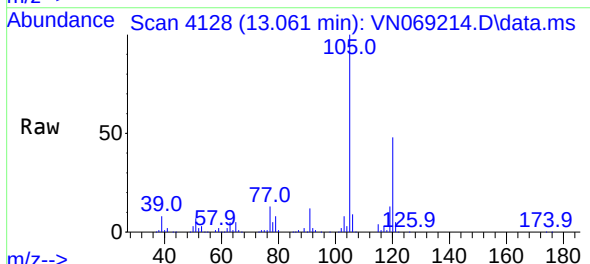
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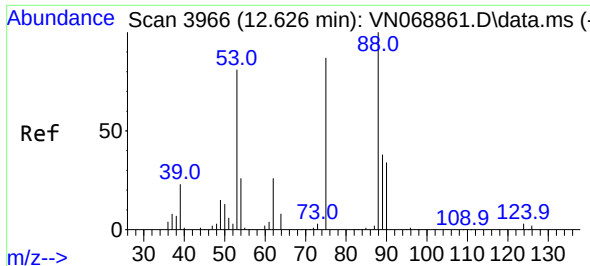
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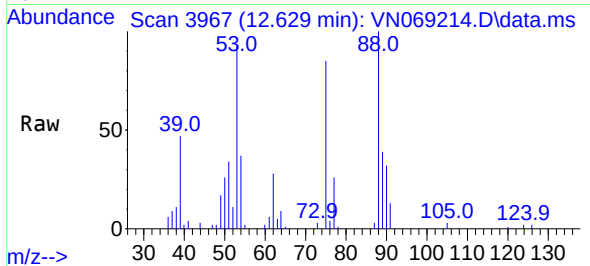
#80  
1,3,5-Trimethylbenzene  
Concen: 21.616 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion: 105 Resp: 226729  
Ion Ratio Lower Upper  
105 100  
120 47.5 23.4 70.2

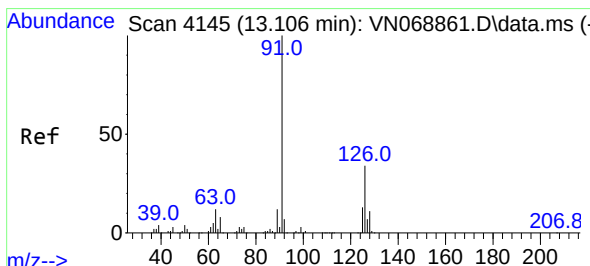
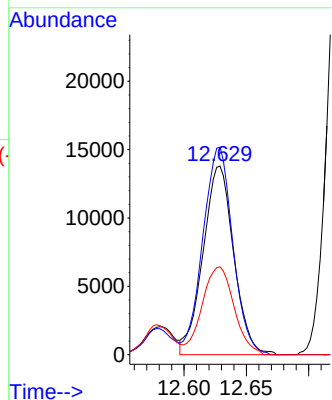
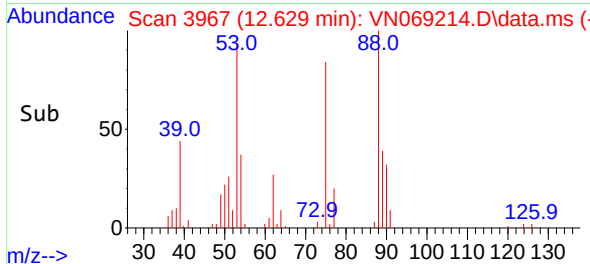




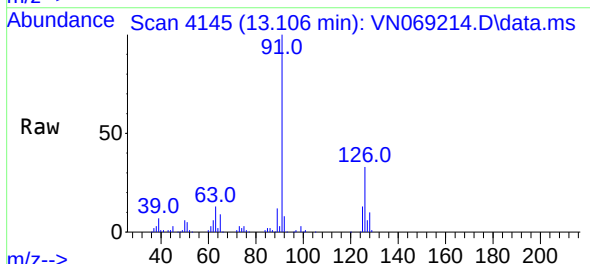
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.565 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



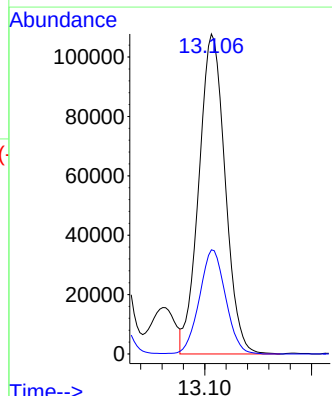
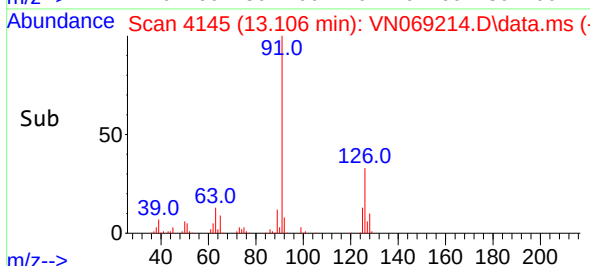
Tgt Ion: 75 Resp: 23634  
Ion Ratio Lower Upper  
75 100  
53 107.6 75.4 113.2  
89 48.4 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 21.790 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



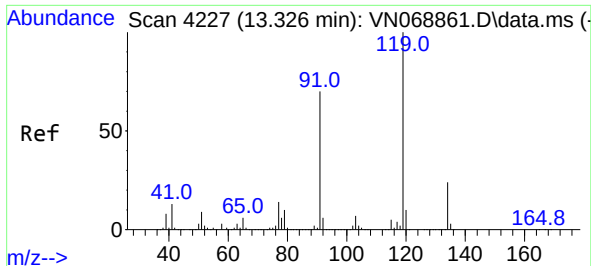
Tgt Ion: 91 Resp: 183664  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.3 48.8



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

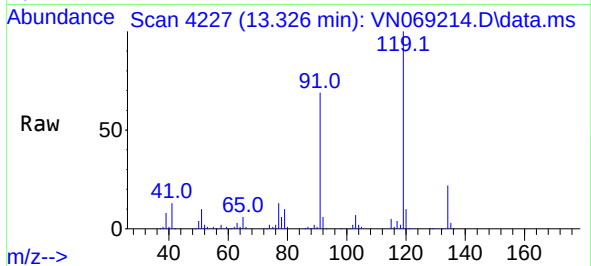
Manual Integrations  
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#83  
tert-Butylbenzene  
Concen: 21.701 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

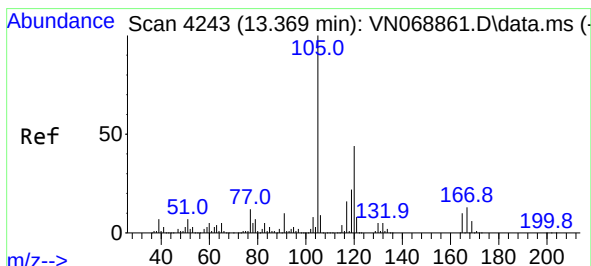
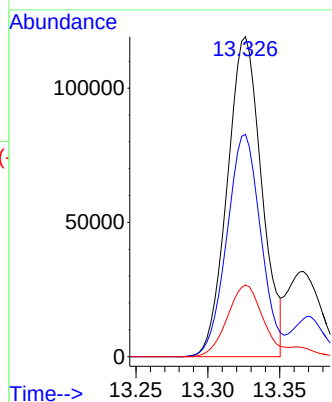
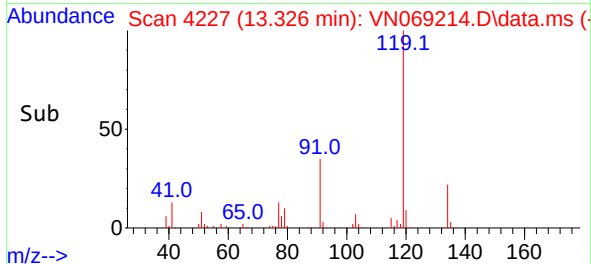
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05



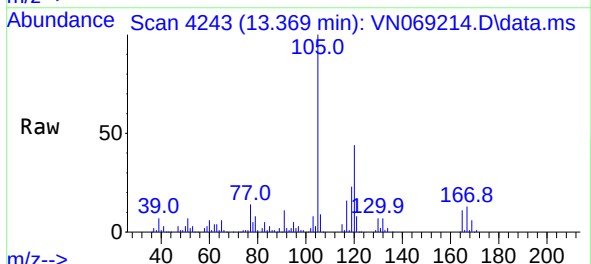
Tgt Ion:119 Resp: 198146  
Ion Ratio Lower Upper  
119 100  
91 69.1 34.6 103.9  
134 23.4 12.6 37.6

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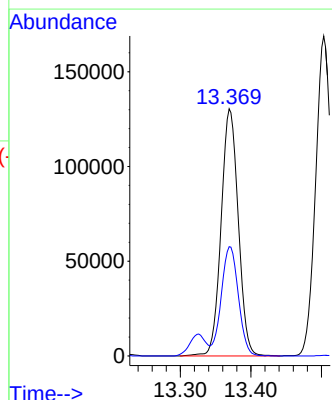
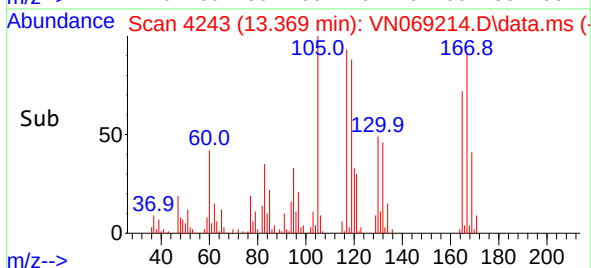
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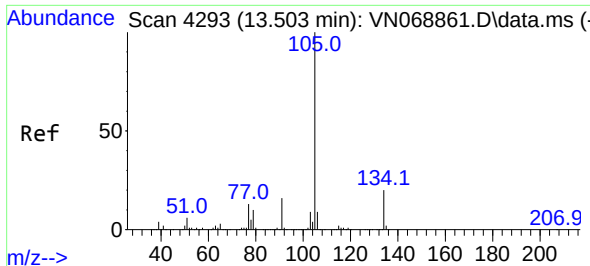


#84  
1,2,4-Trimethylbenzene  
Concen: 21.817 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



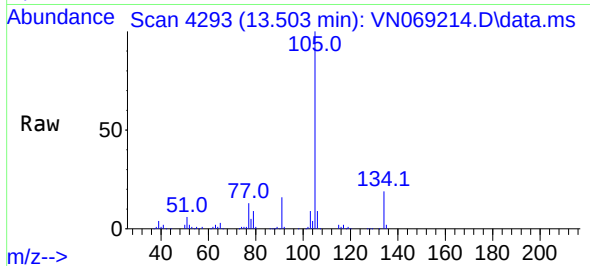
Tgt Ion:105 Resp: 220492  
Ion Ratio Lower Upper  
105 100  
120 44.1 21.9 65.5





#85  
 sec-Butylbenzene  
 Concen: 21.646 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. -0.000 min  
 Lab File: VN069214.D  
 Acq: 27 Oct 2021 13:26

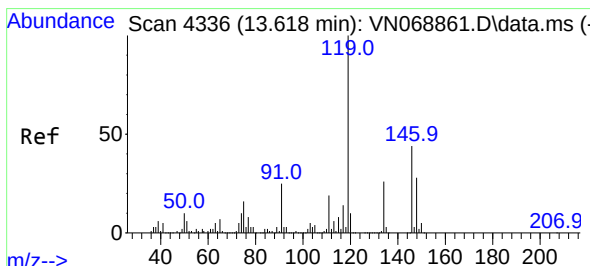
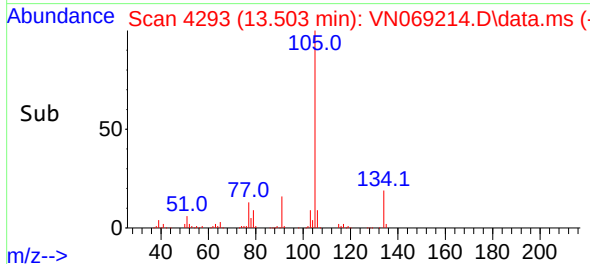
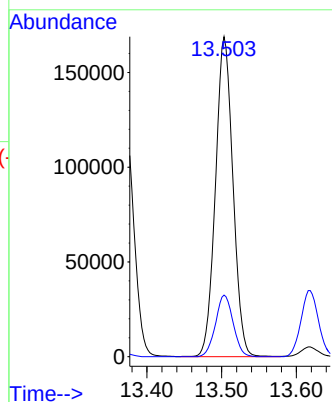
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1027WBSD05



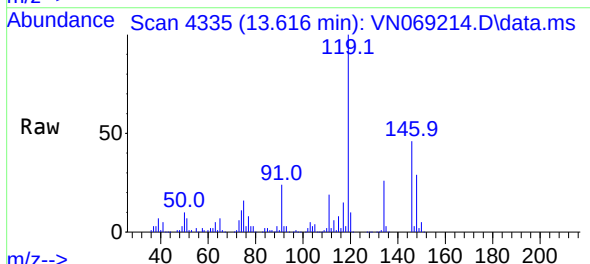
Tgt Ion:105 Resp: 273729  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.8 29.4

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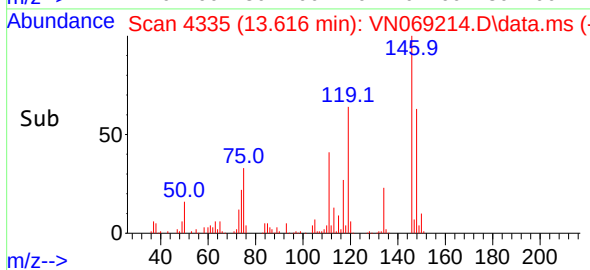
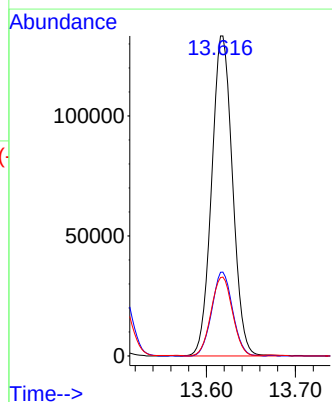
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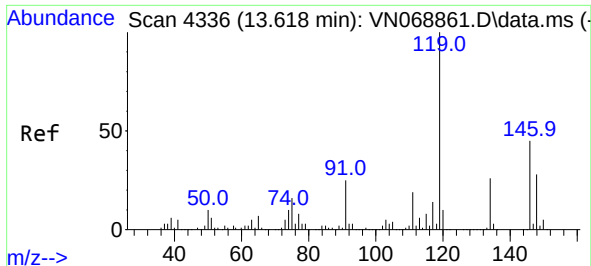


#86  
 p-Isopropyltoluene  
 Concen: 21.418 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. -0.003 min  
 Lab File: VN069214.D  
 Acq: 27 Oct 2021 13:26



Tgt Ion:119 Resp: 217238  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.6  
 91 25.3 12.8 38.4





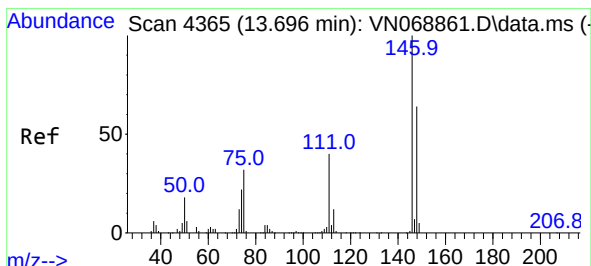
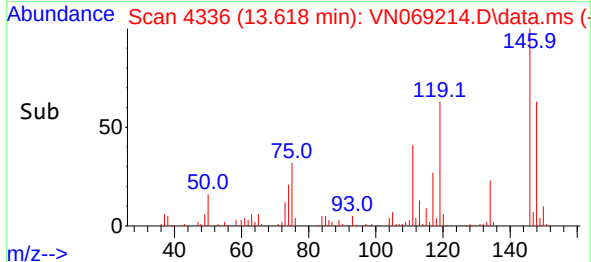
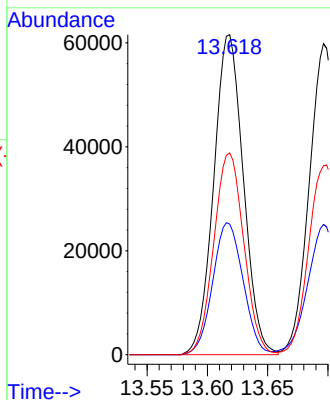
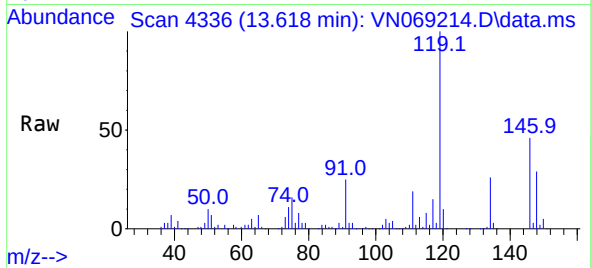
#87  
1,3-Dichlorobenzene  
Concen: 21.865 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion:146 Resp: 105316  
Ion Ratio Lower Upper  
146 100  
111 42.3 21.4 64.2  
148 63.9 32.0 96.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

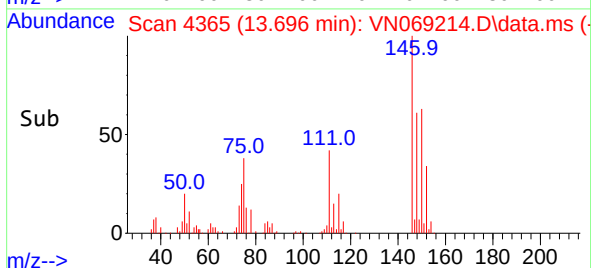
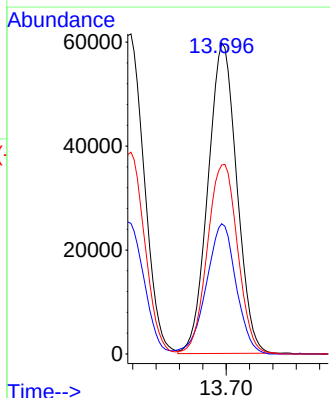
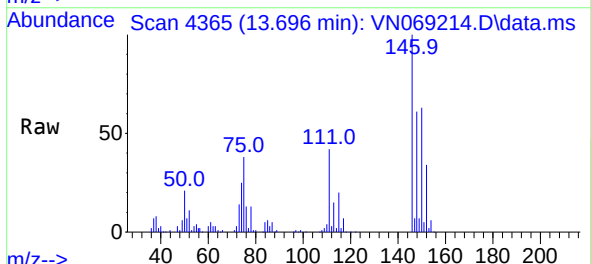
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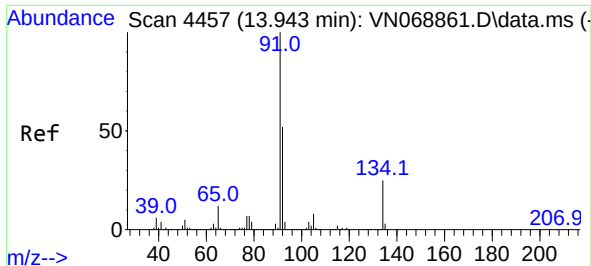


#88  
1,4-Dichlorobenzene  
Concen: 21.412 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

Tgt Ion:146 Resp: 102361  
Ion Ratio Lower Upper  
146 100  
111 43.4 20.6 61.8  
148 64.4 32.1 96.5

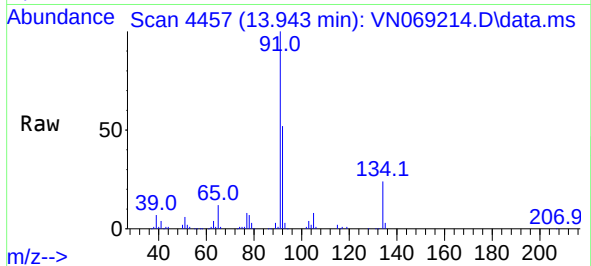






#89  
n-Butylbenzene  
Concen: 20.156 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

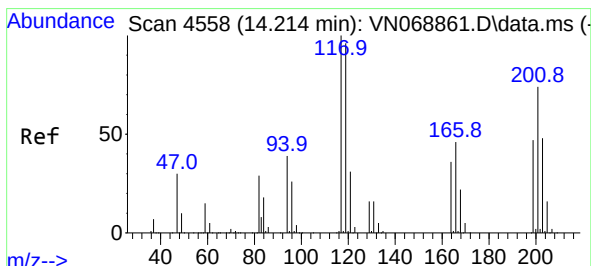
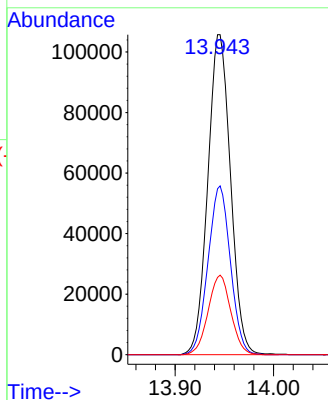
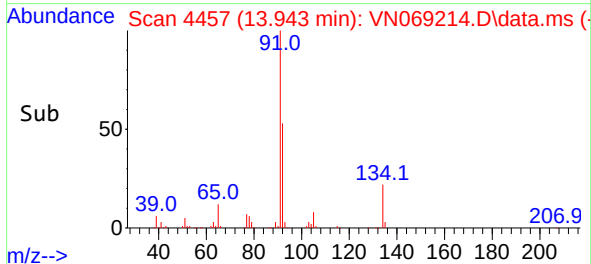
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ClientSampleId :  
VN1027WBSD05



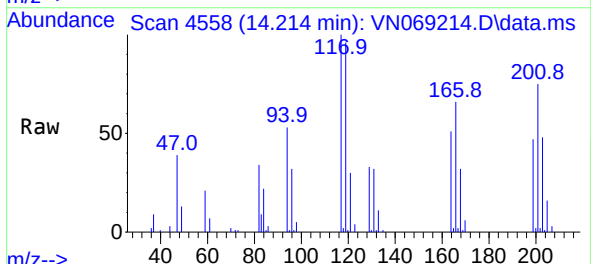
Tgt Ion: 91 Resp: 170198  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.0 78.0  
134 24.8 12.5 37.5

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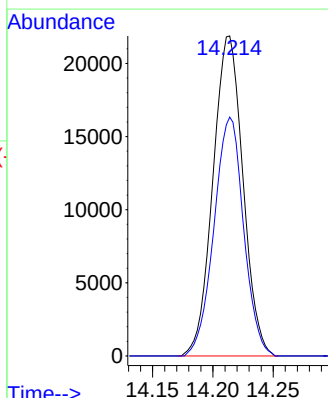
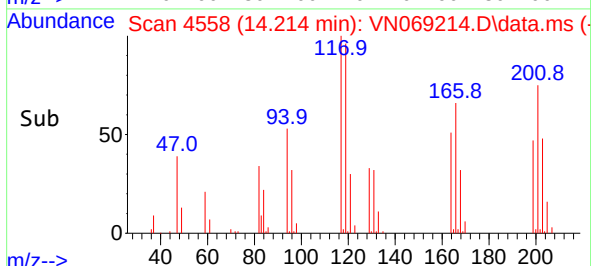
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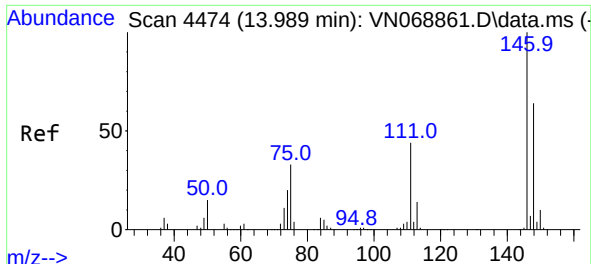


#90  
Hexachloroethane  
Concen: 17.791 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

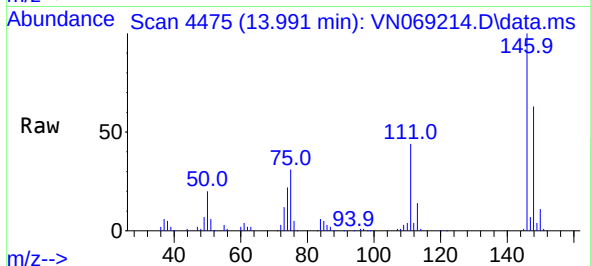


Tgt Ion: 117 Resp: 37906  
Ion Ratio Lower Upper  
117 100  
201 73.6 37.1 111.5

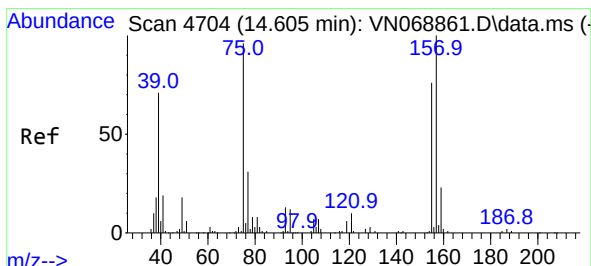
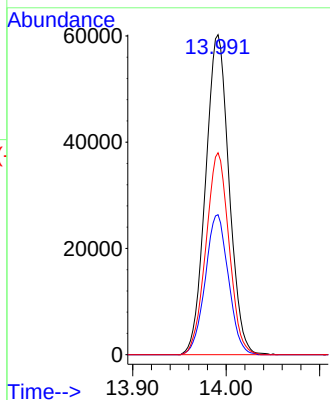
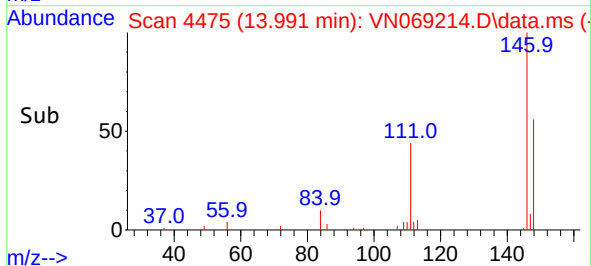




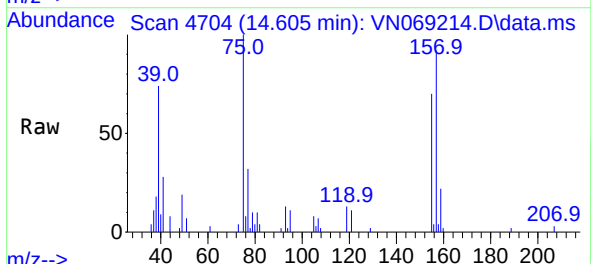
#91  
1,2-Dichlorobenzene  
Concen: 22.453 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.003 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



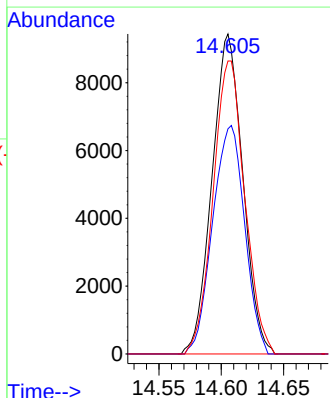
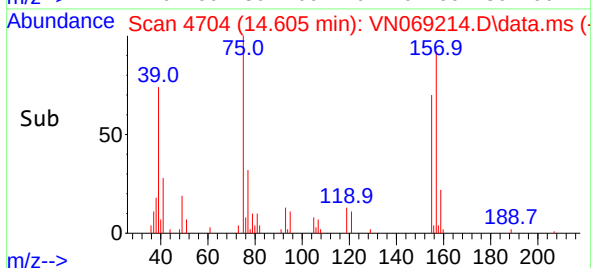
Tgt Ion:146 Resp: 105058  
Ion Ratio Lower Upper  
146 100  
111 43.3 22.0 66.0  
148 62.2 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 23.104 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



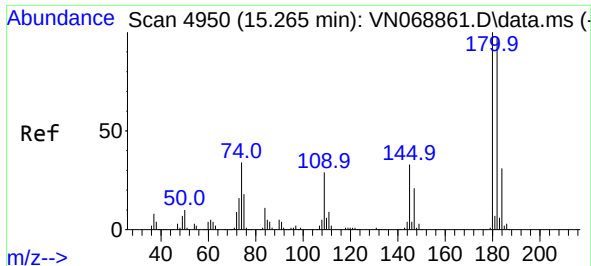
Tgt Ion: 75 Resp: 16211  
Ion Ratio Lower Upper  
75 100  
155 74.3 38.8 116.4  
157 94.0 50.2 150.6



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

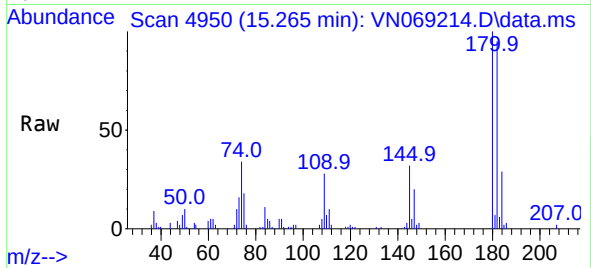
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#93  
1,2,4-Trichlorobenzene  
Concen: 19.776 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

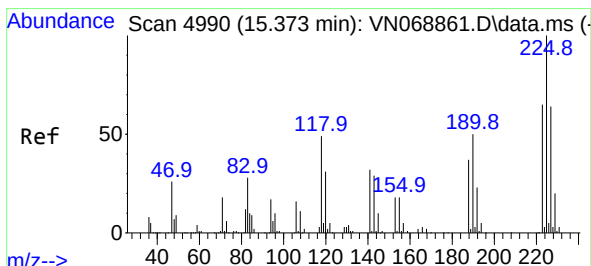
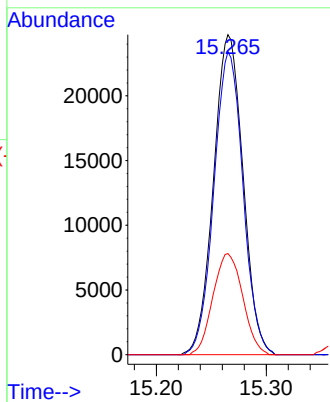
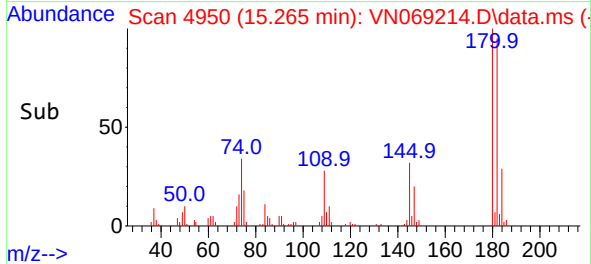
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05



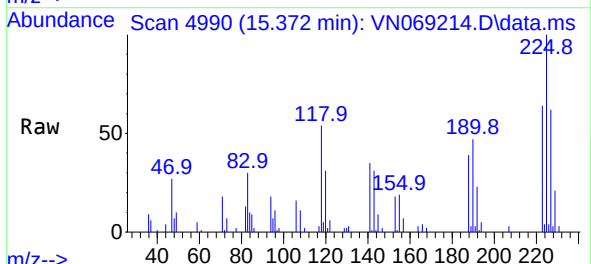
Tgt Ion:180 Resp: 46035  
Ion Ratio Lower Upper  
180 100  
182 93.2 47.9 143.7  
145 31.9 16.4 49.2

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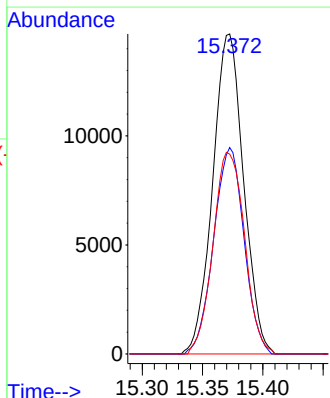
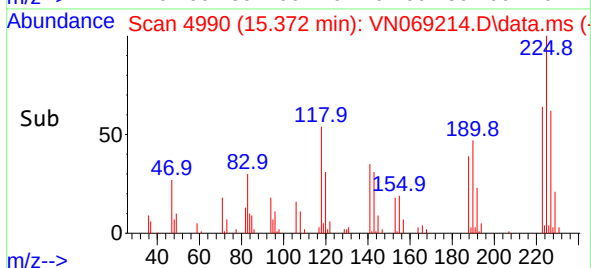
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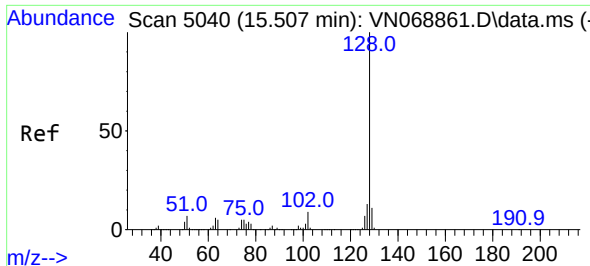


#94  
Hexachlorobutadiene  
Concen: 19.626 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. -0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

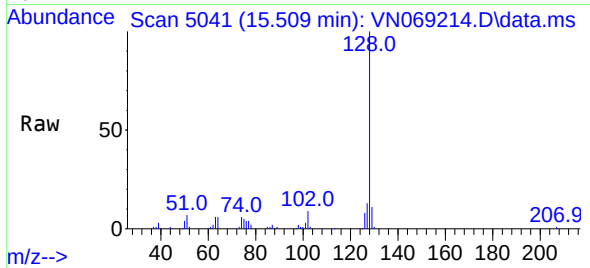


Tgt Ion:225 Resp: 26148  
Ion Ratio Lower Upper  
225 100  
223 63.5 31.5 94.5  
227 64.4 31.6 94.7



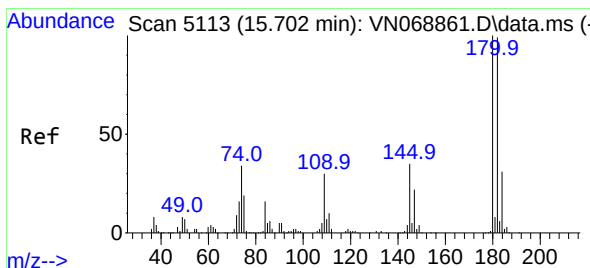
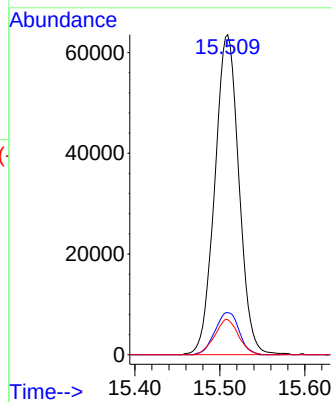
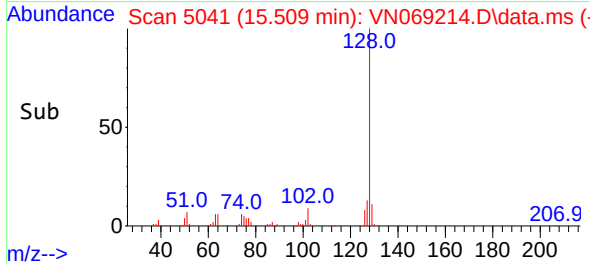


#95  
Naphthalene  
Concen: 20.318 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26

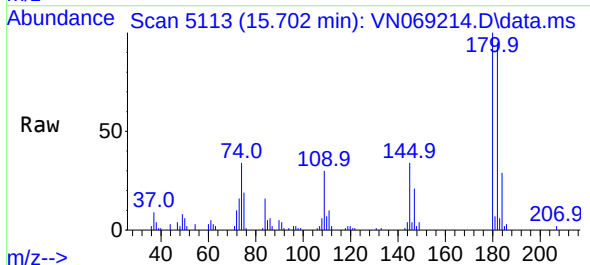


Tgt Ion:128 Resp: 125459

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.2  | 10.5  | 15.7  |
| 129 | 10.9  | 8.9   | 13.3  |

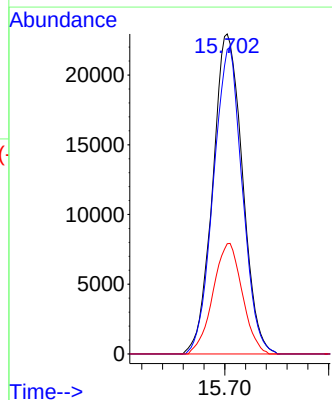
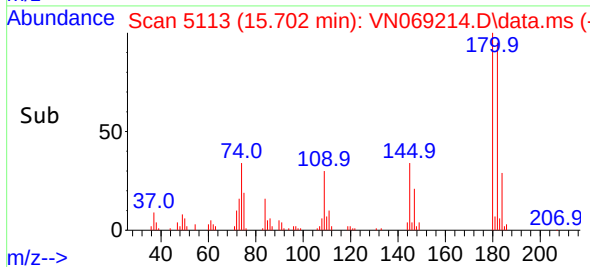


#96  
1,2,3-Trichlorobenzene  
Concen: 20.402 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN069214.D  
Acq: 27 Oct 2021 13:26



Tgt Ion:180 Resp: 45539

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 93.1  | 48.1  | 144.3 |
| 145 | 34.1  | 17.4  | 52.2  |



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1027WBSD05

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