

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061521\  
 Data File : VN067348.D  
 Acq On : 15 Jun 2021 16:00  
 Operator : JC/MD  
 Sample : VN0615WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0615WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 6/16/2021 5:03:21 PM

Quant Time: Jun 16 02:39:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 15 05:19:42 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 8.086  | 168   | 312870   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.971  | 114   | 611359   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.749 | 117   | 557545   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.680 | 152   | 227417   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.440  | 65    | 315213   | 51.071   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =     | 102.140% |
| 35) Dibromofluoromethane     | 8.024  | 113   | 196222   | 48.259   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =     | 96.520%  |
| 50) Toluene-d8               | 10.446 | 98    | 753238   | 48.333   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =     | 96.660%  |
| 62) 4-Bromofluorobenzene     | 12.736 | 95    | 305974   | 47.574   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =     | 95.140%  |
| Target Compounds             |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.070  | 85    | 95124    | 19.425   | ug/l  | 100      |
| 3) Chloromethane             | 2.301  | 50    | 98651    | 20.770   | ug/l  | 99       |
| 4) Vinyl Chloride            | 2.443  | 62    | 93877    | 20.160   | ug/l  | 100      |
| 5) Bromomethane              | 2.832  | 94    | 47060    | 23.821   | ug/l  | 99       |
| 6) Chloroethane              | 3.006  | 64    | 56642    | 19.801   | ug/l  | 94       |
| 7) Trichlorofluoromethane    | 3.365  | 101   | 127745   | 19.764   | ug/l  | 96       |
| 8) Diethyl Ether             | 3.818  | 74    | 54663    | 20.791   | ug/l  | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.199  | 101   | 77119    | 19.837   | ug/l  | 98       |
| 10) Methyl Iodide            | 4.417  | 142   | 73835    | 22.752   | ug/l  | 99       |
| 11) Tert butyl alcohol       | 5.390  | 59    | 101323   | 99.722   | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 4.170  | 96    | 72753    | 19.389   | ug/l  | 95       |
| 13) Acrolein                 | 4.038  | 56    | 58753    | 92.638   | ug/l  | 99       |
| 14) Allyl chloride           | 4.838  | 41    | 158844   | 19.079   | ug/l  | 99       |
| 15) Acrylonitrile            | 5.556  | 53    | 239719   | 107.492  | ug/l  | 100      |
| 16) Acetone                  | 4.288  | 43    | 212683   | 89.795   | ug/l  | 95       |
| 17) Carbon Disulfide         | 4.521  | 76    | 226938   | 18.725   | ug/l  | 100      |
| 18) Methyl Acetate           | 4.862  | 43    | 112843   | 19.648   | ug/l  | # 75     |
| 19) Methyl tert-butyl Ether  | 5.618  | 73    | 323798   | 21.497   | ug/l  | 98       |
| 20) Methylene Chloride       | 5.095  | 84    | 94446    | 19.164   | ug/l  | 99       |
| 21) trans-1,2-Dichloroethene | 5.594  | 96    | 79922    | 19.220   | ug/l  | 97       |
| 22) Diisopropyl ether        | 6.503  | 45    | 322764   | 21.002   | ug/l  | 96       |
| 23) Vinyl Acetate            | 6.433  | 43    | 1441694  | 102.378  | ug/l  | 100      |
| 24) 1,1-Dichloroethane       | 6.388  | 63    | 175271   | 20.330   | ug/l  | 99       |
| 25) 2-Butanone               | 7.340  | 43    | 337864   | 99.827   | ug/l  | 98       |
| 26) 2,2-Dichloropropane      | 7.327  | 77    | 152131   | 17.410   | ug/l  | 99       |
| 27) cis-1,2-Dichloroethene   | 7.324  | 96    | 96682    | 19.759   | ug/l  | 100      |
| 28) Bromochloromethane       | 7.656  | 49    | 74586    | 18.590   | ug/l  | 98       |
| 29) Tetrahydrofuran          | 7.691  | 42    | 220871   | 103.508  | ug/l  | 99       |
| 30) Chloroform               | 7.820  | 83    | 179099   | 19.787   | ug/l  | 100      |
| 31) Cyclohexane              | 8.094  | 56    | 164118   | 19.560   | ug/l  | 96       |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 161232   | 19.393   | ug/l  | 99       |
| 36) 1,1-Dichloropropene      | 8.220  | 75    | 129572   | 18.905   | ug/l  | 99       |
| 37) Ethyl Acetate            | 7.415  | 43    | 141314   | 19.461   | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 8.206  | 117   | 131940   | 17.910   | ug/l  | 99       |
| 39) Methylcyclohexane        | 9.461  | 83    | 146574   | 20.206   | ug/l  | 98       |
| 40) Benzene                  | 8.461  | 78    | 376047   | 19.658   | ug/l  | 100      |

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 Operator : JC/MD  
 Sample : VN0615WBSD01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0615WBSD01

Manual Integrations  
 APPROVED

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 6/16/2021 5:03:21 PM

Quant Time: Jun 16 02:39:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 15 05:19:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 72780    | 19.281  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.533  | 62   | 164756   | 20.382  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.563  | 43   | 250597   | 19.228  | ug/l   | 100      |
| 44) Trichloroethene           | 9.217  | 130  | 86084    | 19.243  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.494  | 63   | 101818   | 19.956  | ug/l   | 98       |
| 46) Dibromomethane            | 9.579  | 93   | 68751    | 19.806  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.764  | 83   | 147466   | 18.939  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.563  | 41   | 114451   | 19.259  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.574  | 88   | 34947    | 429.661 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.336 | 43   | 742536   | 98.955  | ug/l   | 100      |
| 52) Toluene                   | 10.507 | 92   | 232578   | 19.334  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.722 | 75   | 163447   | 18.956  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 165562   | 18.999  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.902 | 97   | 90305    | 19.416  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.765 | 69   | 162744   | 19.463  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.049 | 76   | 167596   | 19.727  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 193234   | 79.410  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.089 | 43   | 525537   | 95.596  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.242 | 129  | 95636    | 18.806  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.349 | 107  | 93911    | 19.287  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.979 | 164  | 79867    | 20.175  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.773 | 112  | 237782   | 19.599  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.846 | 131  | 88600    | 19.610  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.848 | 91   | 464693   | 19.368  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.956 | 106  | 326944   | 38.334  | ug/l   | 100      |
| 69) o-Xylene                  | 12.283 | 106  | 162266   | 19.451  | ug/l   | 99       |
| 70) Styrene                   | 12.299 | 104  | 265581   | 19.153  | ug/l   | 99       |
| 71) Bromoform                 | 12.460 | 173  | 63993    | 18.537  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.583 | 105  | 425225   | 19.486  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.390 | 43   | 204741   | 19.218  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 133460   | 20.514  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.886 | 75   | 109111m  | 18.476  | ug/l   |          |
| 77) Bromobenzene              | 12.865 | 156  | 86678    | 19.505  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.924 | 91   | 508019   | 19.573  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.012 | 91   | 322813   | 19.974  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.063 | 105  | 363664   | 19.783  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 40934    | 17.178  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.109 | 91   | 313057   | 19.455  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.329 | 119  | 292745   | 20.000  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.372 | 105  | 355889   | 19.596  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.506 | 105  | 415350   | 20.042  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 324628   | 19.409  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.621 | 146  | 158337   | 19.753  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.699 | 146  | 155770   | 19.319  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.946 | 91   | 307177   | 19.546  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.217 | 117  | 62622    | 19.146  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.994 | 146  | 153169   | 20.138  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.608 | 75   | 29886    | 18.376  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.271 | 180  | 75042    | 18.897  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.378 | 225  | 42297    | 18.548  | ug/l   | 99       |
| 95) Naphthalene               | 15.509 | 128  | 228827   | 18.309  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.710 | 180  | 71727    | 18.815  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061521\  
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Acq On : 15 Jun 2021 16:00  
Operator : JC/MD  
Sample : VN0615WBSD01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

Manual Integrations  
APPROVED

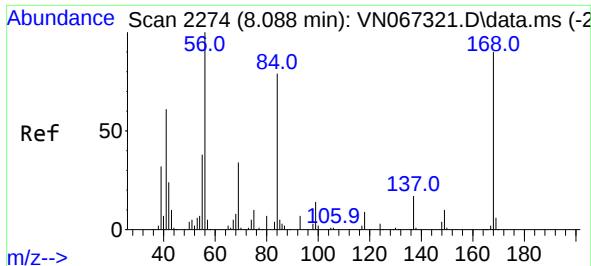
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6/16/2021 5:03:21 PM

Quant Time: Jun 16 02:39:31 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061421W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 15 05:19:42 2021  
Response via : Initial Calibration

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

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





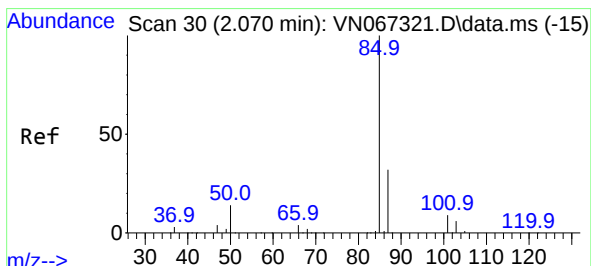
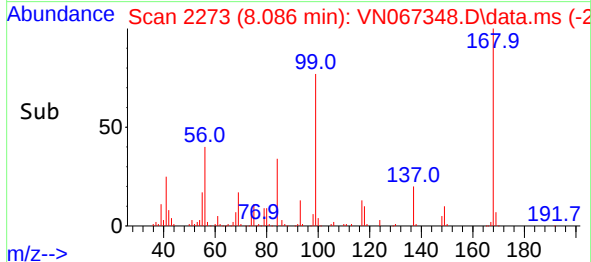
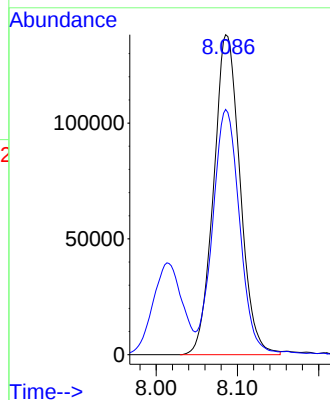
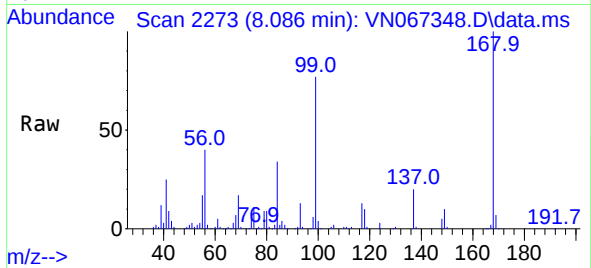
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.002 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 168 Resp: 312870  
Ion Ratio Lower Upper  
168 100  
99 75.7 62.9 94.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

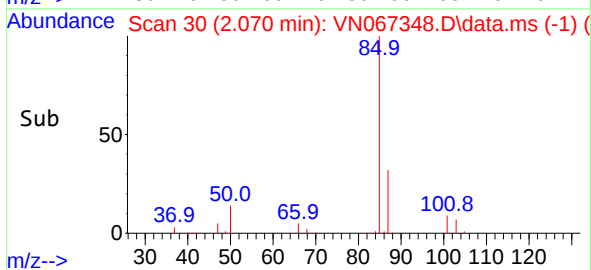
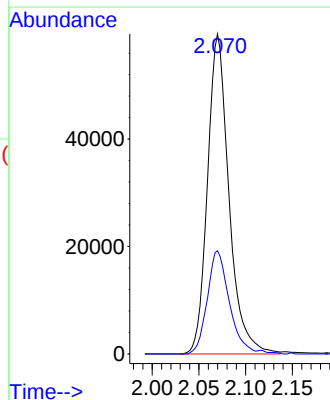
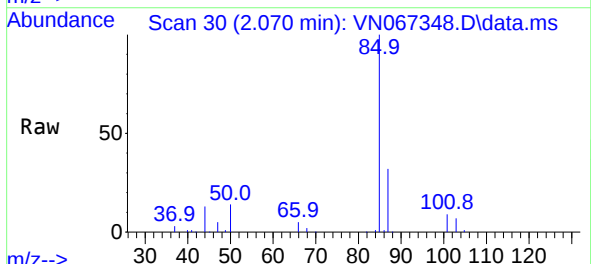
Manual Integrations  
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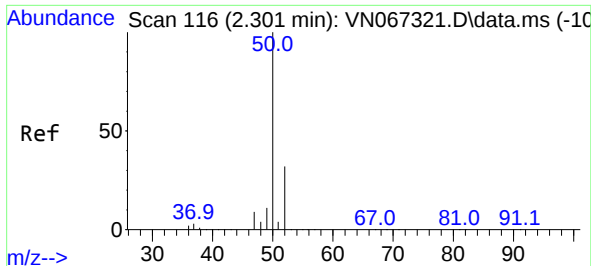
MMDadoda  
6/16/2021 5:03:21 PM



#2  
Dichlorodifluoromethane  
Concen: 19.425 ug/l  
RT: 2.070 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 85 Resp: 95124  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.1 48.2





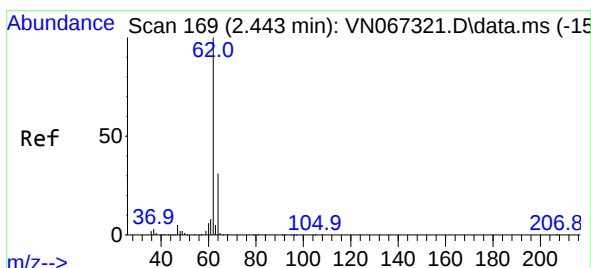
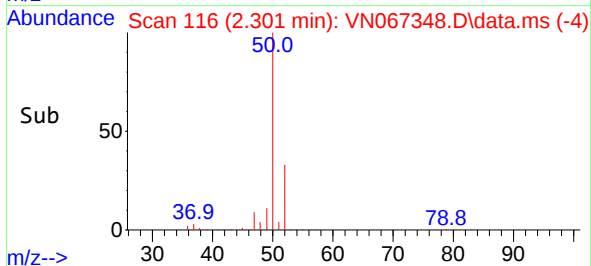
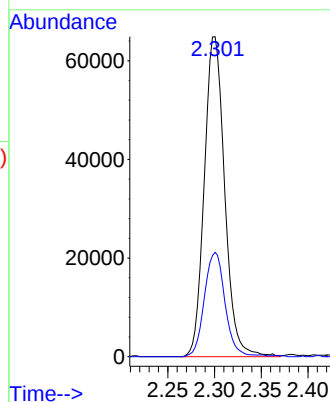
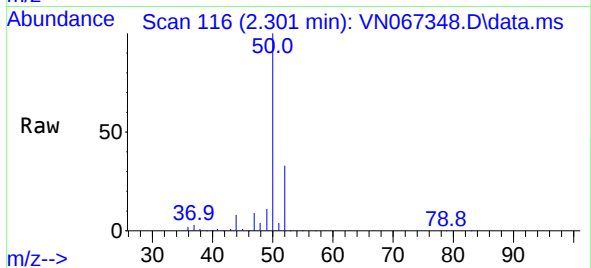
#3  
Chloromethane  
Concen: 20.770 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. -0.001 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 50 Resp: 98651  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.6 38.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

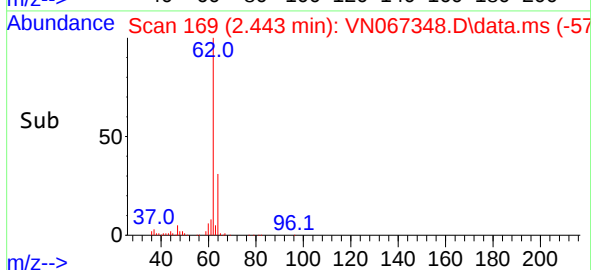
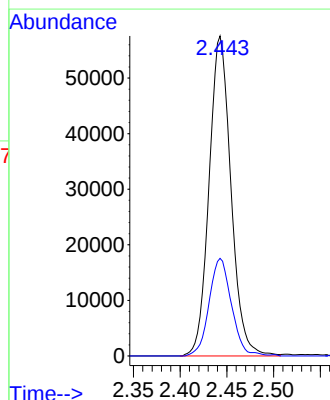
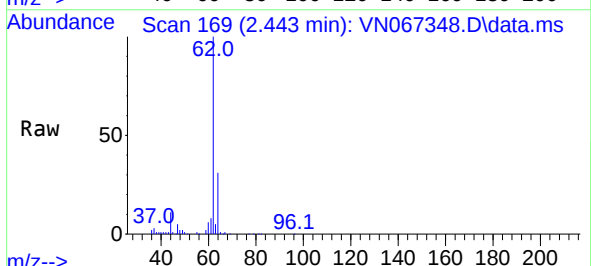
Manual Integrations  
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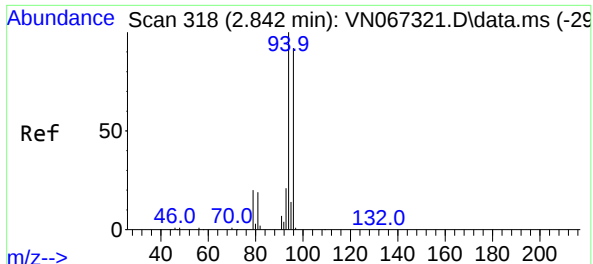
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6/16/2021 5:03:21 PM



#4  
Vinyl Chloride  
Concen: 20.160 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

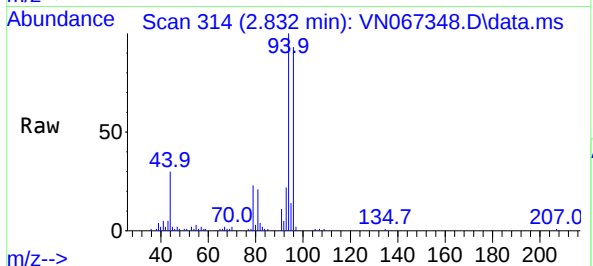
Tgt Ion: 62 Resp: 93877  
Ion Ratio Lower Upper  
62 100  
64 30.5 24.4 36.6





#5  
Bromomethane  
Concen: 23.821 ug/l  
RT: 2.832 min Scan# 314  
Delta R.T. -0.010 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

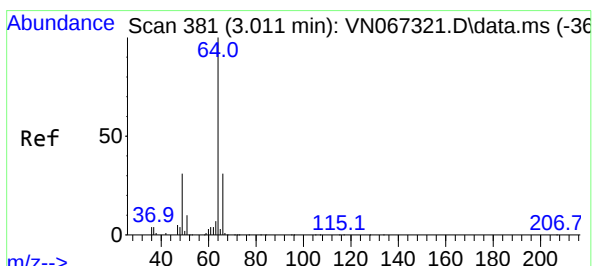
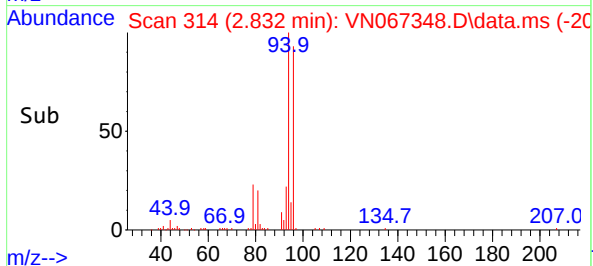
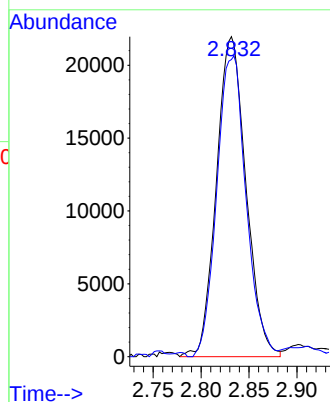
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



Tgt Ion: 94 Resp: 47060  
Ion Ratio Lower Upper  
94 100  
96 91.5 73.7 110.5

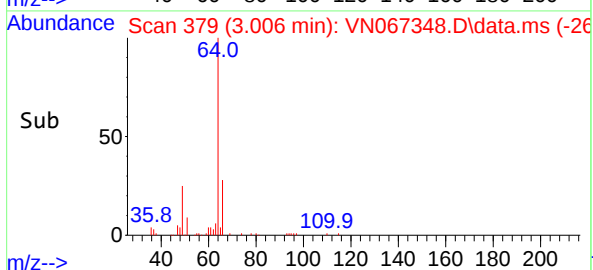
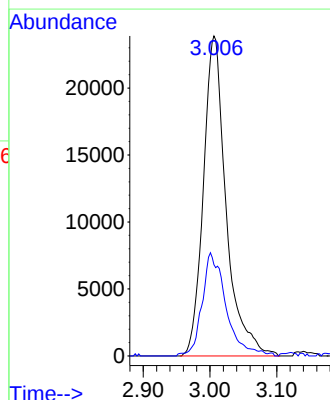
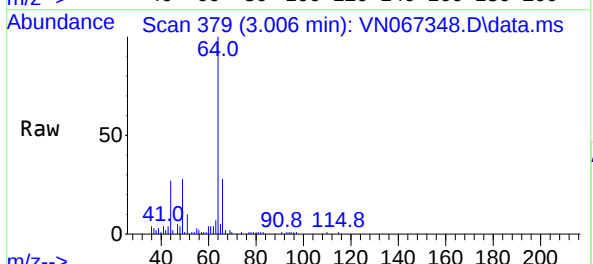
Manual Integrations  
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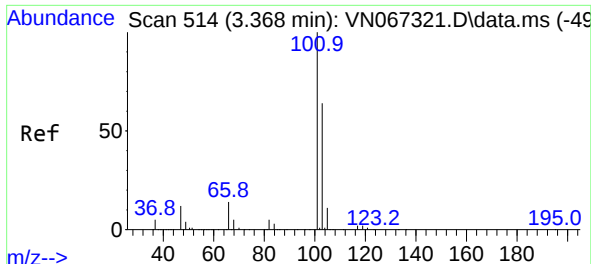
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6/16/2021 5:03:21 PM



#6  
Chloroethane  
Concen: 19.801 ug/l  
RT: 3.006 min Scan# 379  
Delta R.T. -0.005 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 64 Resp: 56642  
Ion Ratio Lower Upper  
64 100  
66 27.8 24.7 37.1





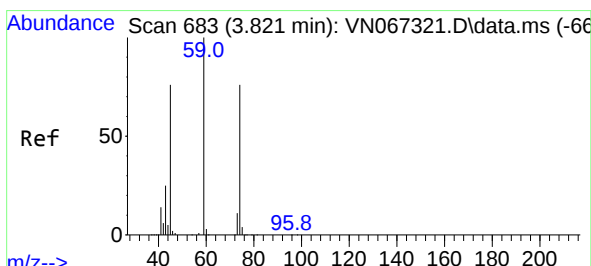
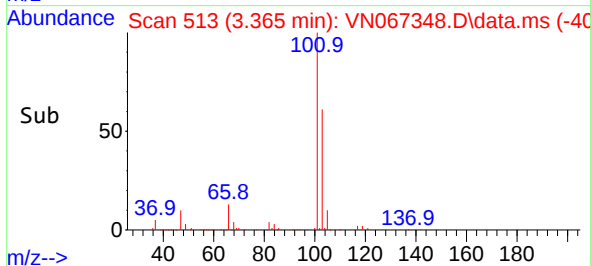
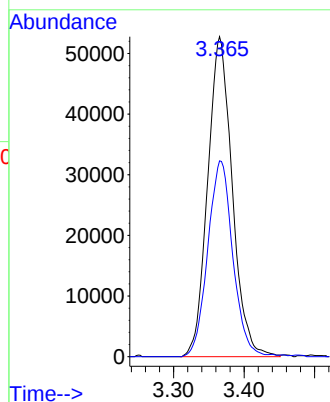
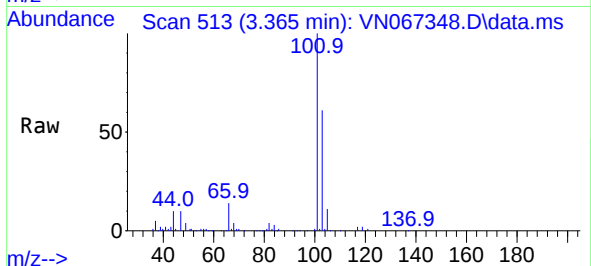
#7  
Trichlorofluoromethane  
Concen: 19.764 ug/l  
RT: 3.365 min Scan# 513  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion:101 Resp: 127745  
Ion Ratio Lower Upper  
101 100  
103 61.2 51.2 76.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

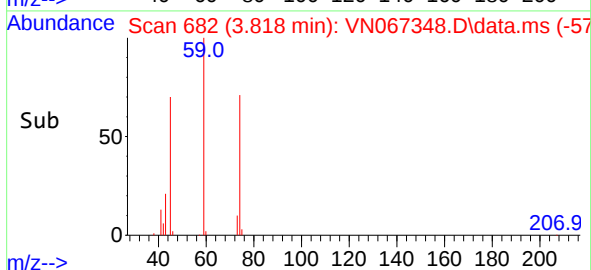
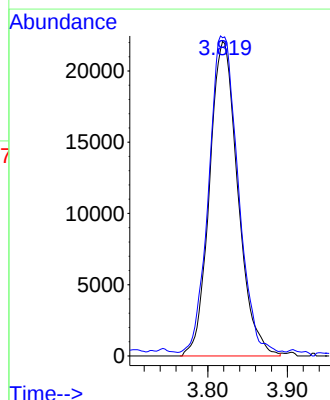
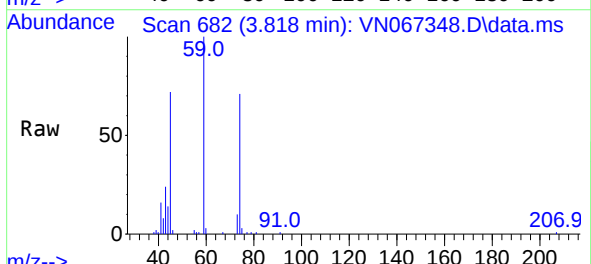
Manual Integrations  
APPROVED

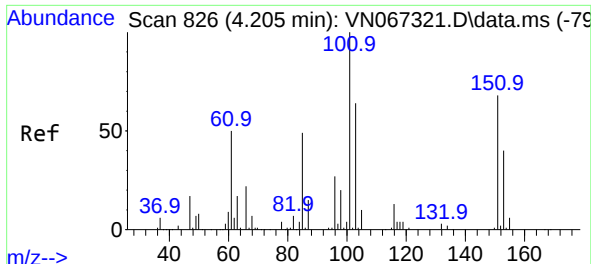
MMDadoda  
6/16/2021 5:03:21 PM



#8  
Diethyl Ether  
Concen: 20.791 ug/l  
RT: 3.818 min Scan# 682  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 74 Resp: 54663  
Ion Ratio Lower Upper  
74 100  
45 103.4 50.2 150.7





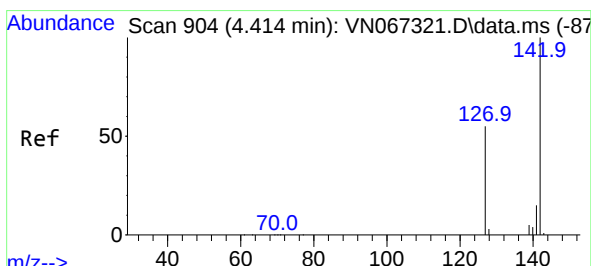
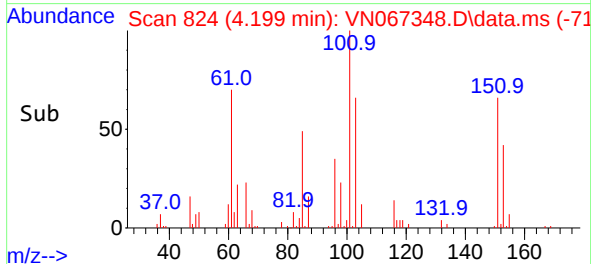
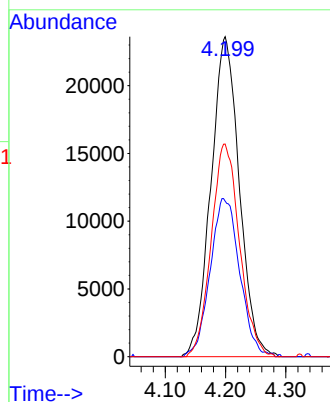
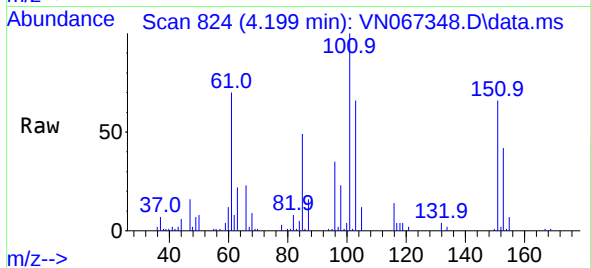
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.837 ug/l  
RT: 4.199 min Scan# 824  
Delta R.T. -0.006 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 77119 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 51.5  | 39.6  | 59.4  |
| 151      | 66.3  | 54.1  | 81.1  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

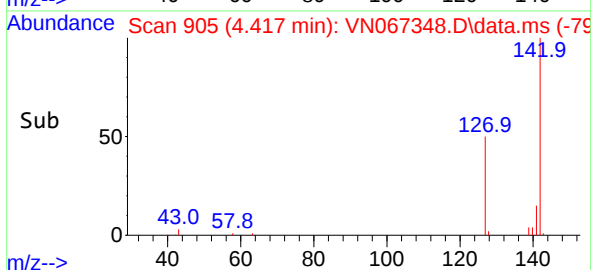
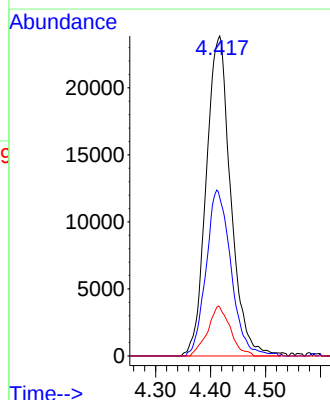
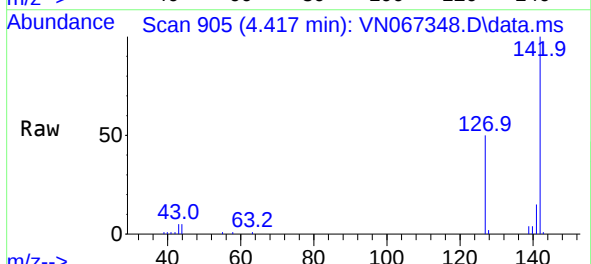
Manual Integrations  
APPROVED

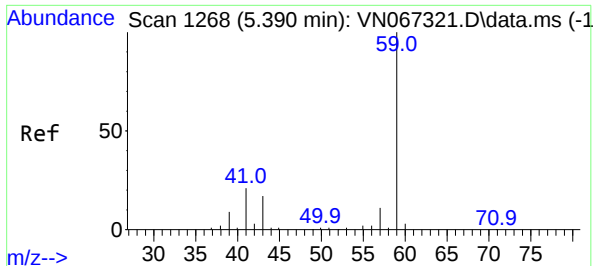
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#10  
Methyl Iodide  
Concen: 22.752 ug/l  
RT: 4.417 min Scan# 905  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 73835 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 52.6  | 43.1  | 64.7  |
| 141      | 14.4  | 11.4  | 17.0  |





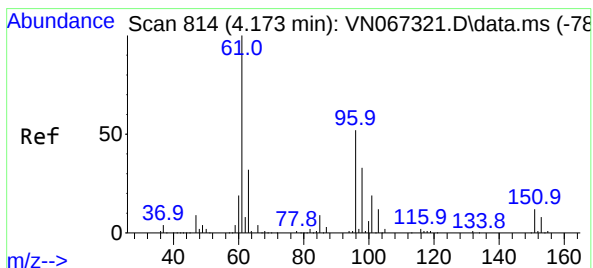
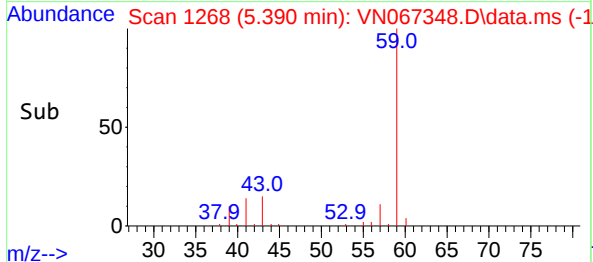
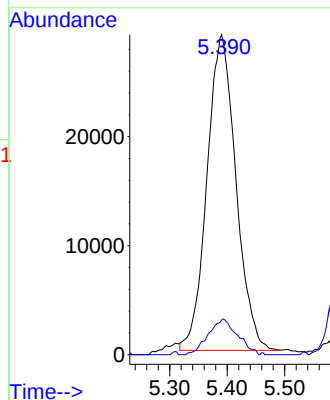
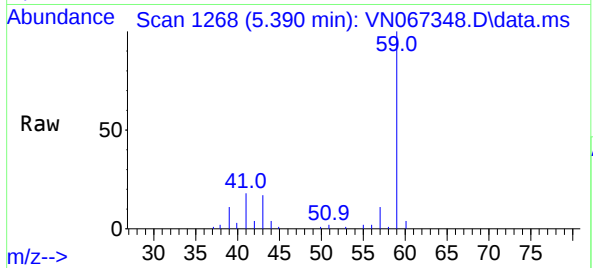
#11  
Tert butyl alcohol  
Concen: 99.722 ug/l  
RT: 5.390 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 59 Resp: 101323  
Ion Ratio Lower Upper  
59 100  
57 11.4 8.7 13.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

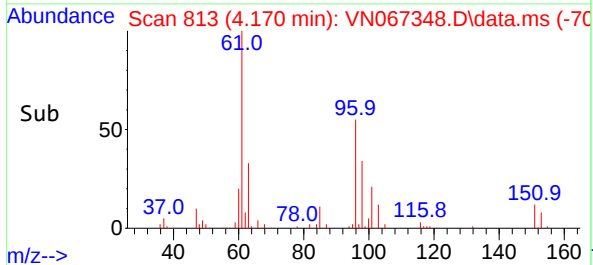
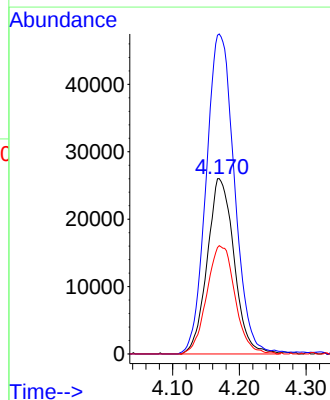
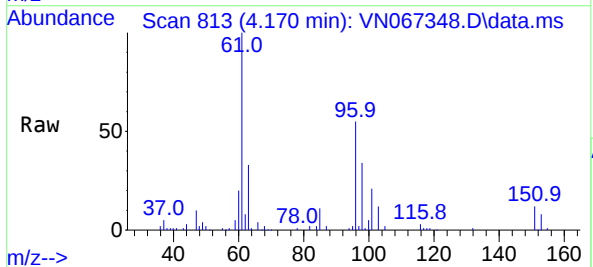
Manual Integrations  
APPROVED

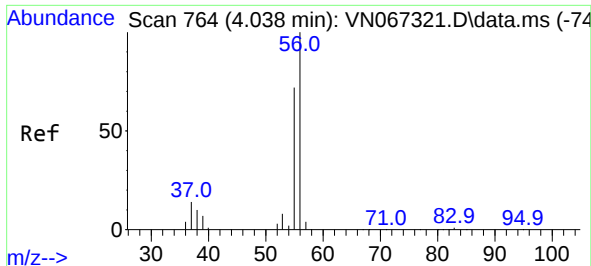
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#12  
1,1-Dichloroethene  
Concen: 19.389 ug/l  
RT: 4.170 min Scan# 813  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

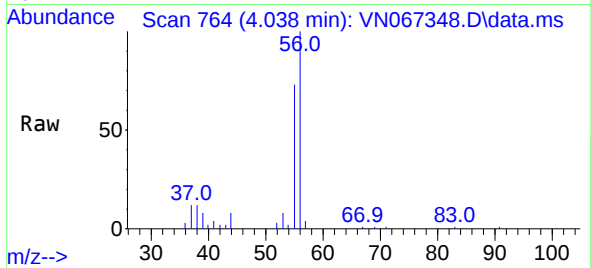
Tgt Ion: 96 Resp: 72753  
Ion Ratio Lower Upper  
96 100  
61 181.8 152.6 229.0  
98 61.8 50.9 76.3



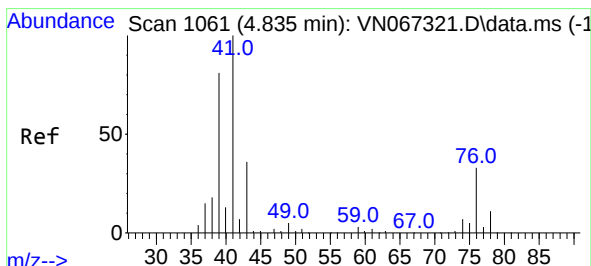
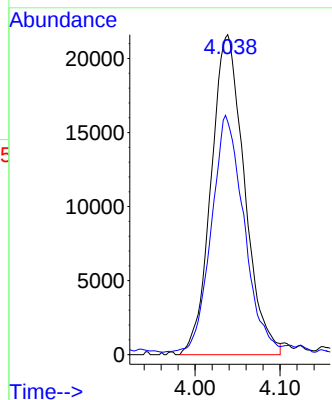
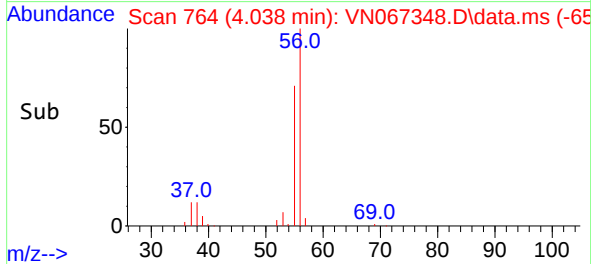


#13  
Acrolein  
Concen: 92.638 ug/l  
RT: 4.038 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

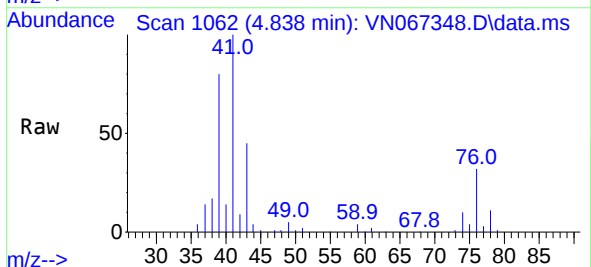
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



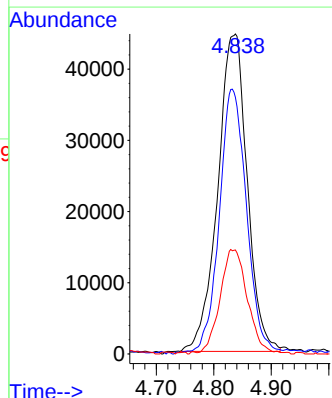
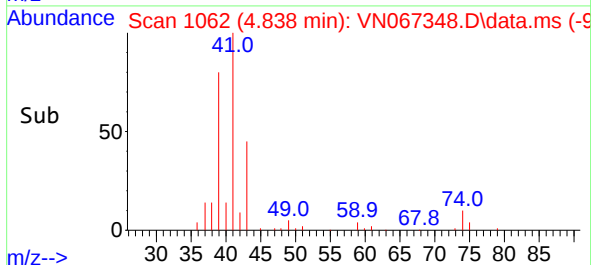
Tgt Ion: 56 Resp: 58753  
Ion Ratio Lower Upper  
56 100  
55 72.1 57.4 86.0



#14  
Allyl chloride  
Concen: 19.079 ug/l  
RT: 4.838 min Scan# 1062  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



Tgt Ion: 41 Resp: 158844  
Ion Ratio Lower Upper  
41 100  
39 76.4 60.9 91.3  
76 29.5 24.3 36.5





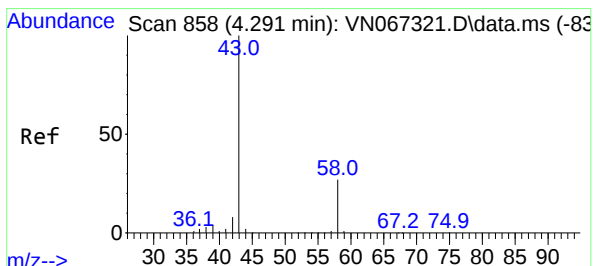
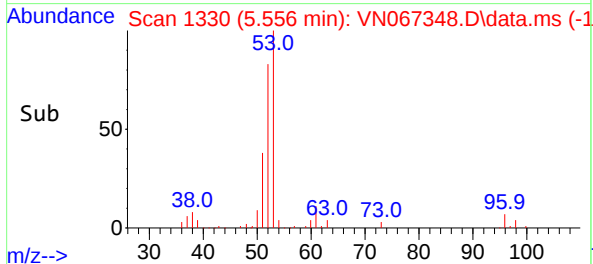
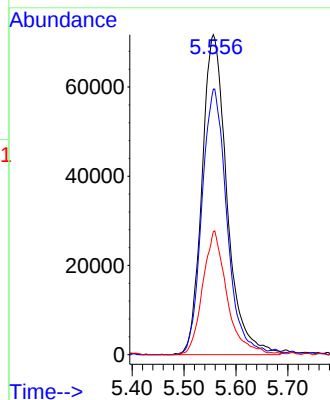
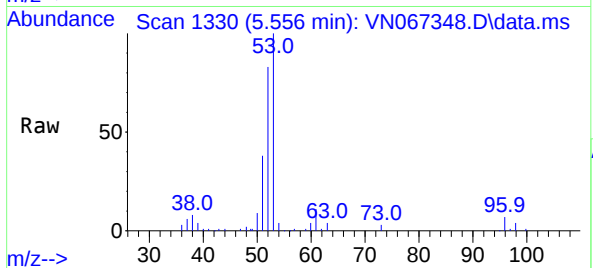
#15  
Acrylonitrile  
Concen: 107.492 ug/l  
RT: 5.556 min Scan# 1330  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 53 Resp: 239719  
Ion Ratio Lower Upper  
53 100  
52 82.9 66.2 99.2  
51 37.6 30.2 45.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

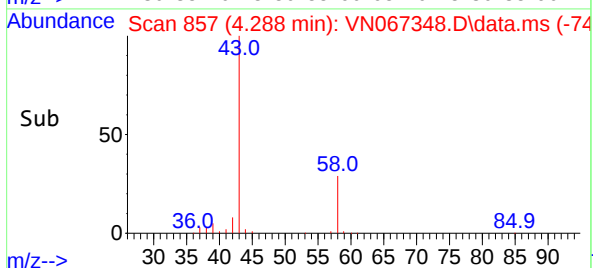
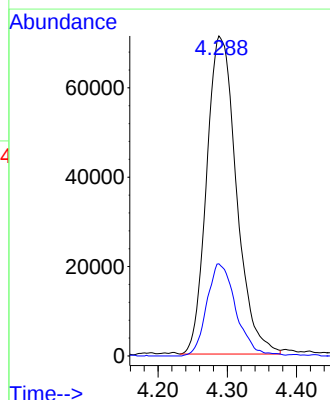
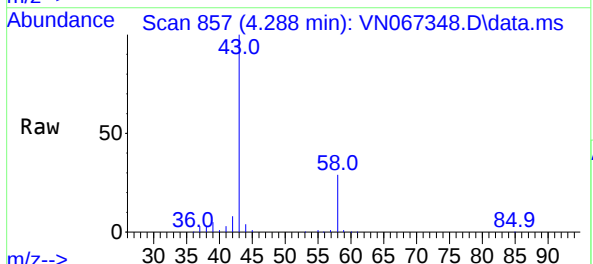
Manual Integrations  
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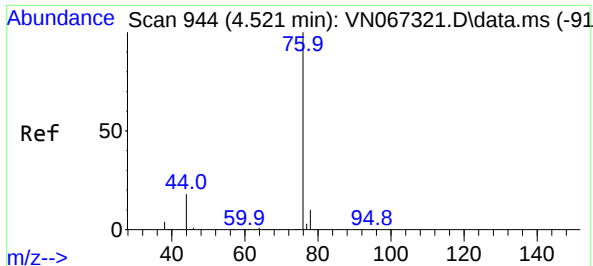
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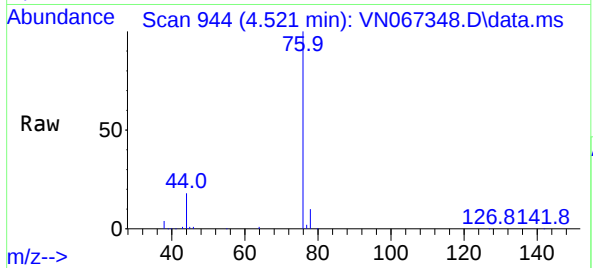
#16  
Acetone  
Concen: 89.795 ug/l  
RT: 4.288 min Scan# 857  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 43 Resp: 212683  
Ion Ratio Lower Upper  
43 100  
58 29.0 21.2 31.8

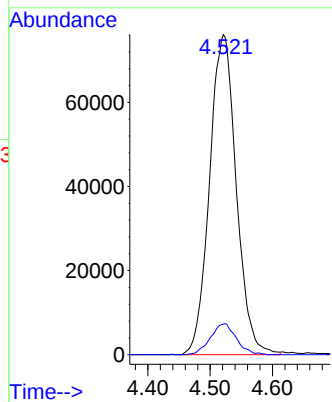
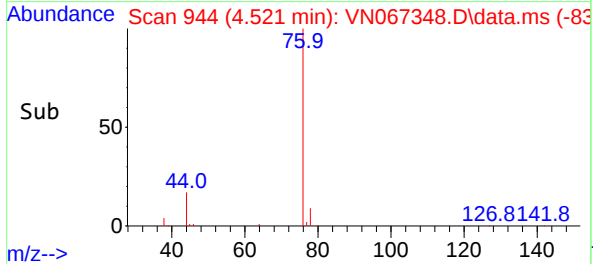




#17  
Carbon Disulfide  
Concen: 18.725 ug/l  
RT: 4.521 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



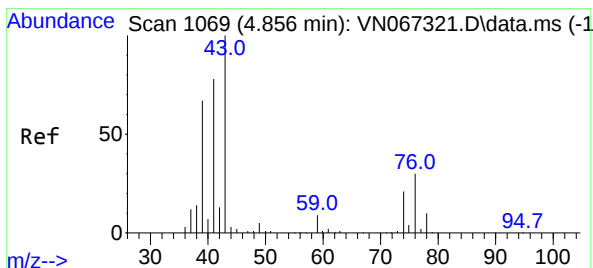
Tgt Ion: 76 Resp: 226938  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.7 11.5



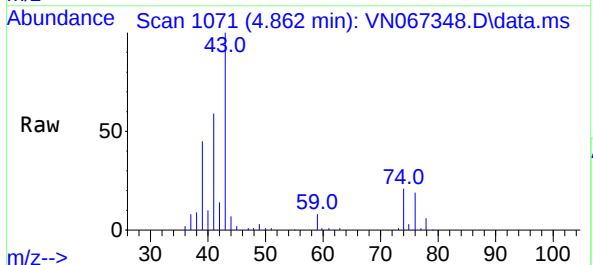
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

Manual Integrations  
APPROVED

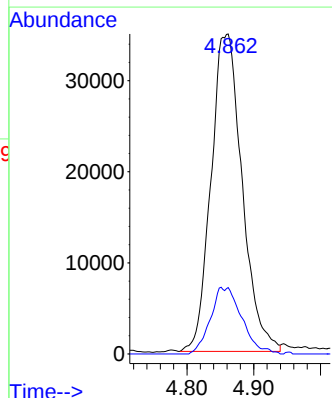
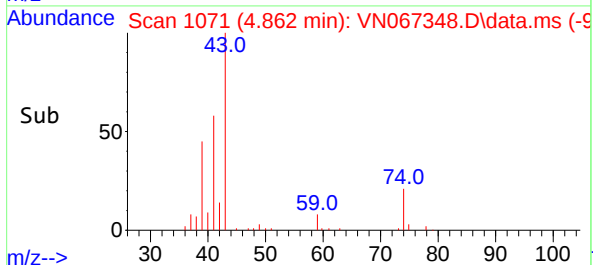
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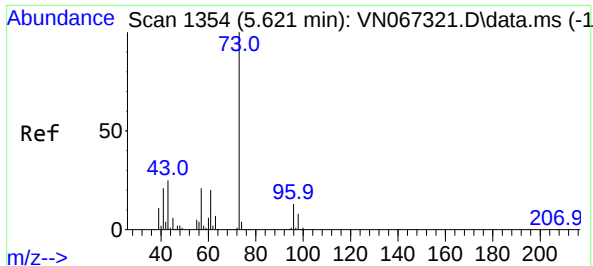


#18  
Methyl Acetate  
Concen: 19.648 ug/l  
RT: 4.862 min Scan# 1071  
Delta R.T. 0.006 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



Tgt Ion: 43 Resp: 112843  
Ion Ratio Lower Upper  
43 100  
74 9.9 17.4 26.0#





#19

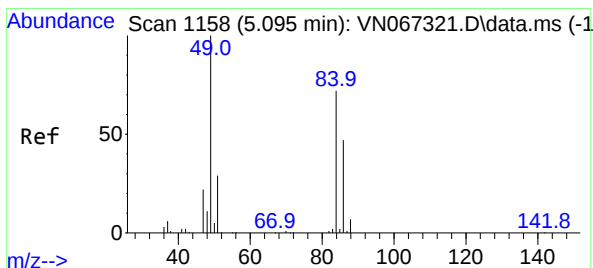
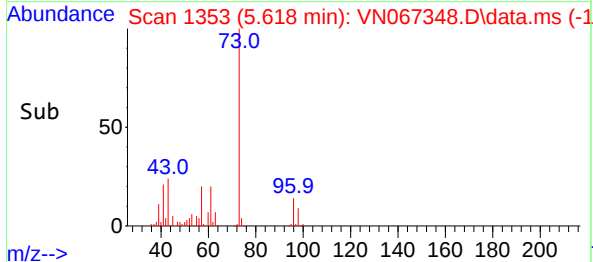
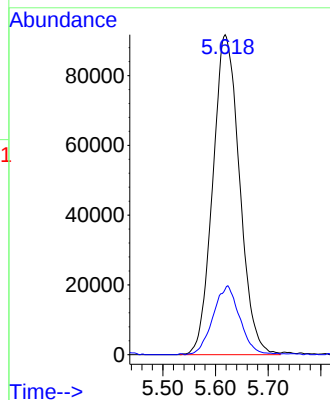
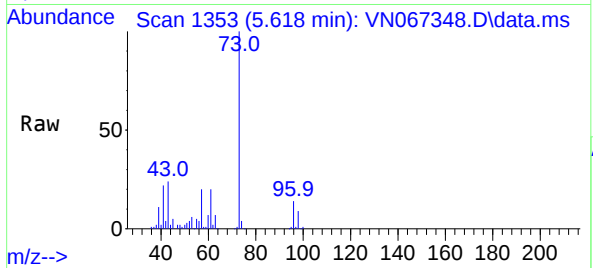
Methyl tert-butyl Ether  
Concen: 21.497 ug/l  
RT: 5.618 min Scan# 1353  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 73 Resp: 323798  
Ion Ratio Lower Upper  
73 100  
57 20.2 17.0 25.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

Manual Integrations  
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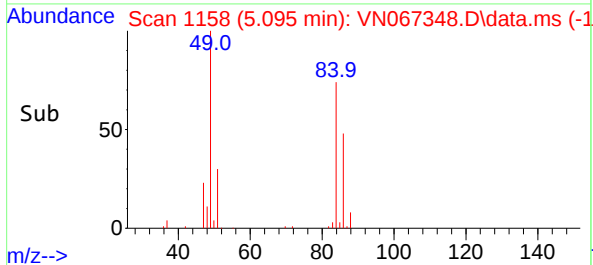
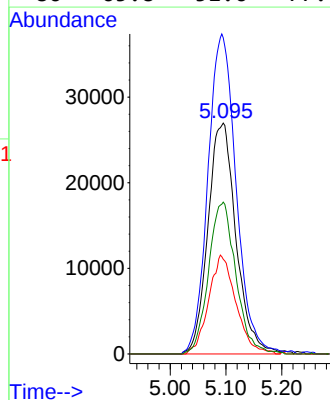
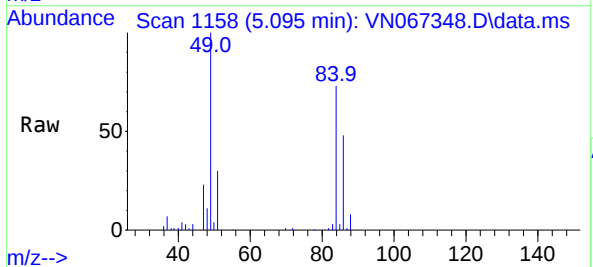
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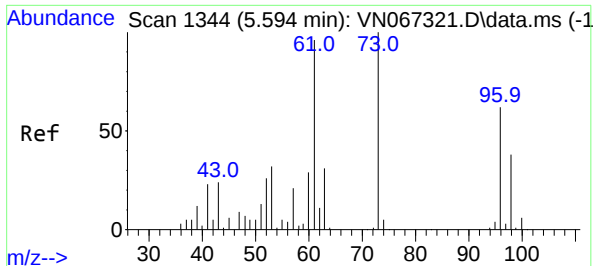


#20

Methylene Chloride  
Concen: 19.164 ug/l  
RT: 5.095 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 84 Resp: 94446  
Ion Ratio Lower Upper  
84 100  
49 136.9 110.9 166.3  
51 41.1 32.6 49.0  
86 65.8 51.6 77.4





#21  
trans-1,2-Dichloroethene  
Concen: 19.220 ug/l  
RT: 5.594 min Scan# 1344  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

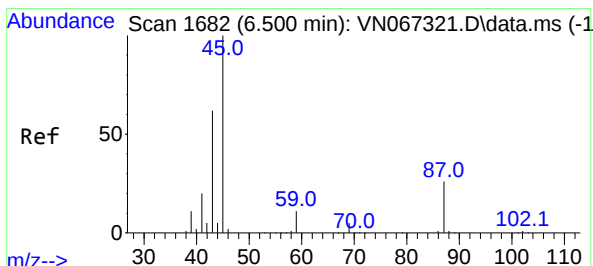
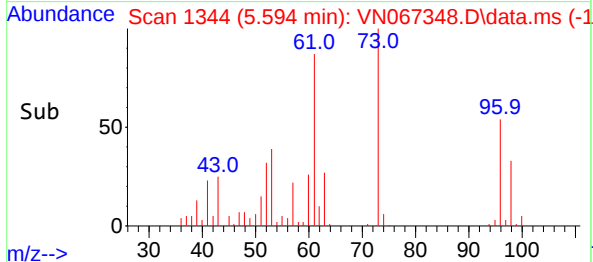
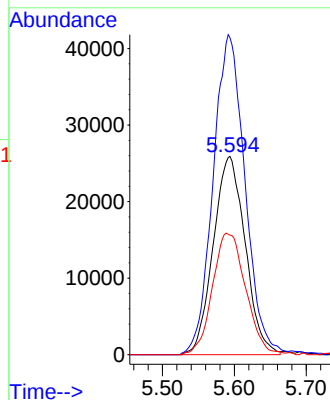
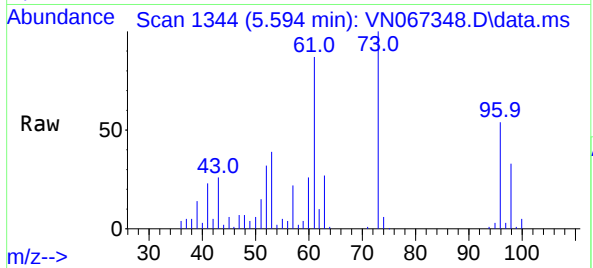
Tgt Ion: 96 Resp: 79922

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 159.9 | 123.5 | 185.3 |
| 98  | 60.3  | 48.6  | 72.8  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

Manual Integrations  
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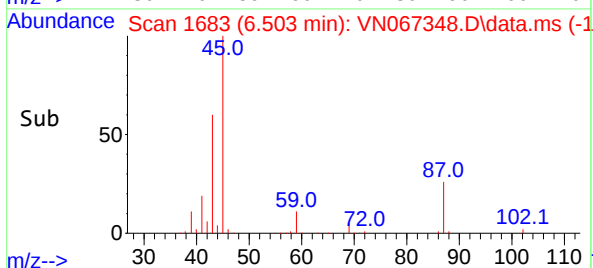
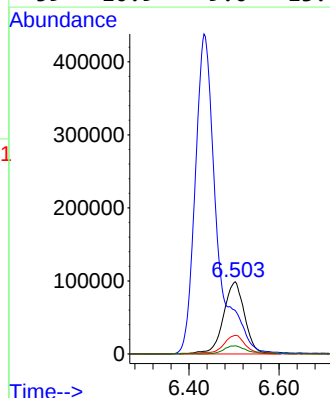
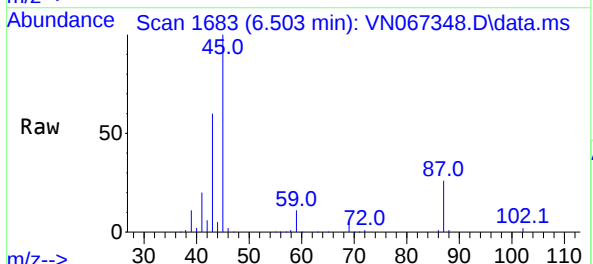
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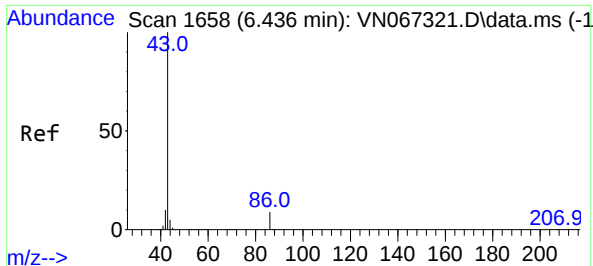


#22  
Diisopropyl ether  
Concen: 21.002 ug/l  
RT: 6.503 min Scan# 1683  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 45 Resp: 322764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 57.6  | 49.4  | 74.2  |
| 87  | 25.4  | 20.9  | 31.3  |
| 59  | 10.9  | 9.0   | 13.4  |





#23

Vinyl Acetate

Concen: 102.378 ug/l

RT: 6.433 min Scan# 1657

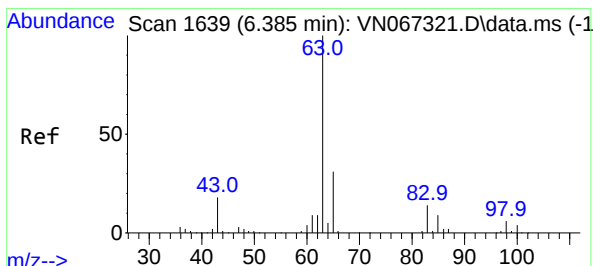
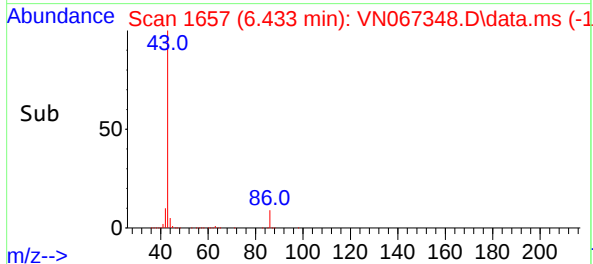
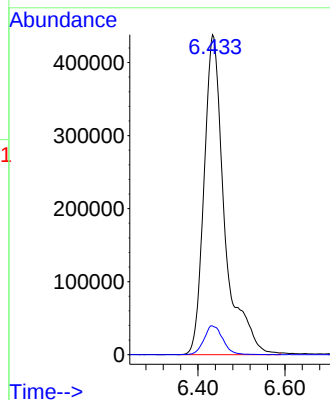
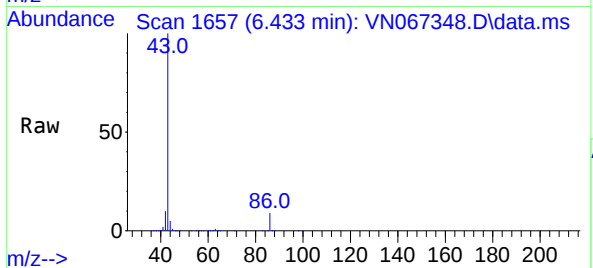
Delta R.T. -0.003 min

Lab File: VN067348.D

Acq: 15 Jun 2021 16:00

Tgt Ion: 43 Resp: 1441694

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 8.9   | 7.3   | 10.9  |



#24

1,1-Dichloroethane

Concen: 20.330 ug/l

RT: 6.388 min Scan# 1640

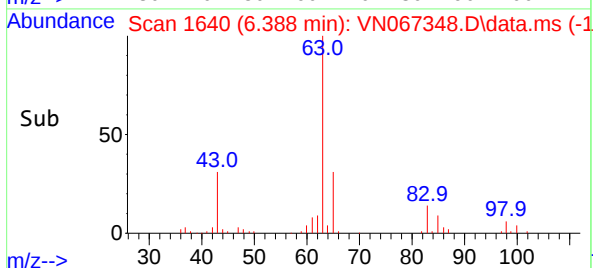
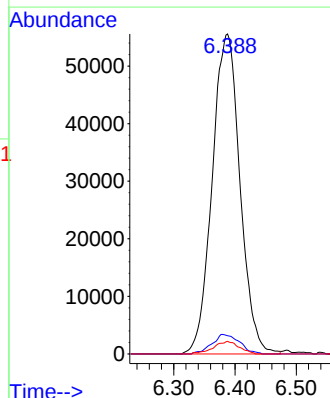
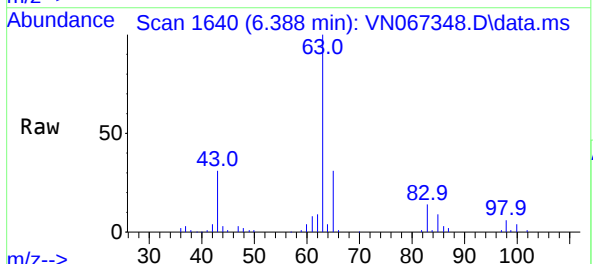
Delta R.T. 0.003 min

Lab File: VN067348.D

Acq: 15 Jun 2021 16:00

Tgt Ion: 63 Resp: 175271

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 5.7   | 3.0   | 9.0   |
| 100 | 3.9   | 1.9   | 5.7   |



Instrument :

MSVOA\_N

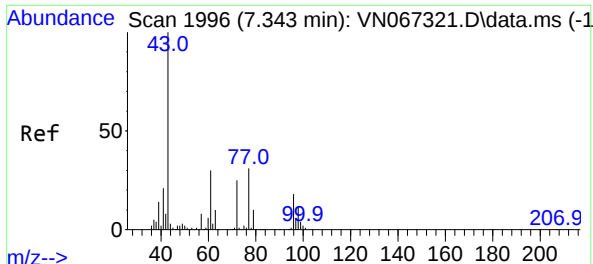
ClientSampleId :

VN0615WBSD01

Manual Integrations

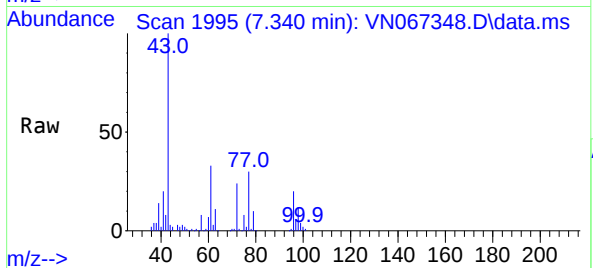
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#25  
2-Butanone  
Concen: 99.827 ug/l  
RT: 7.340 min Scan# 1995  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

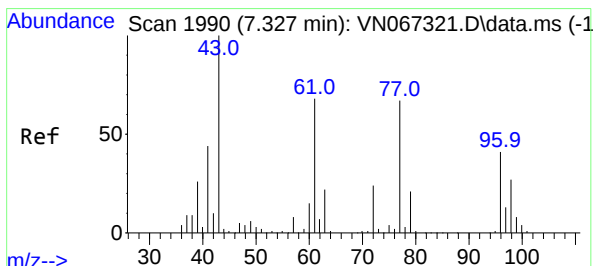
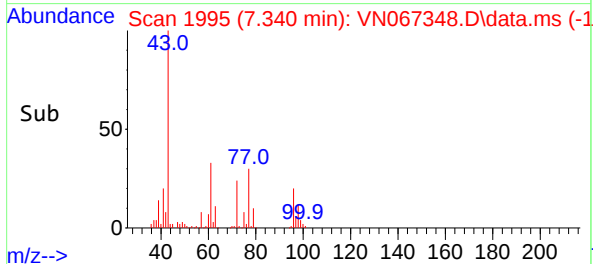
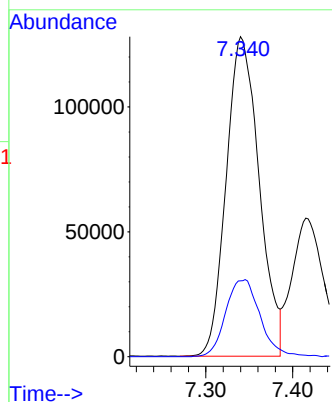
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



Tgt Ion: 43 Resp: 337864  
Ion Ratio Lower Upper  
43 100  
72 23.7 19.7 29.5

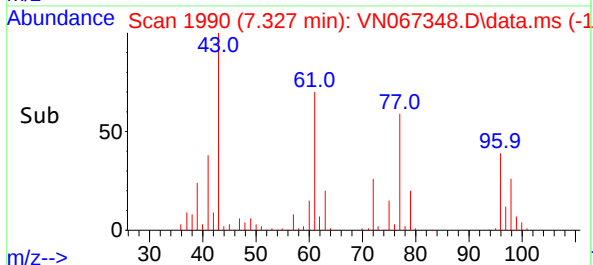
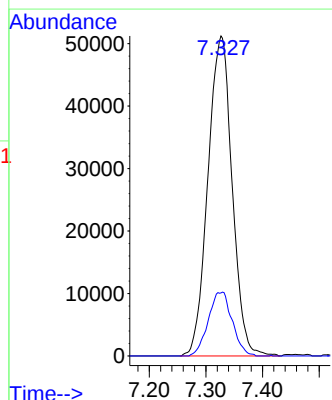
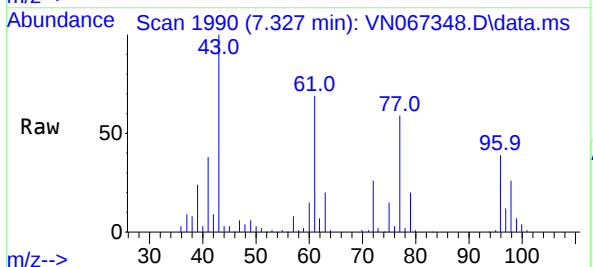
Manual Integrations  
APPROVED

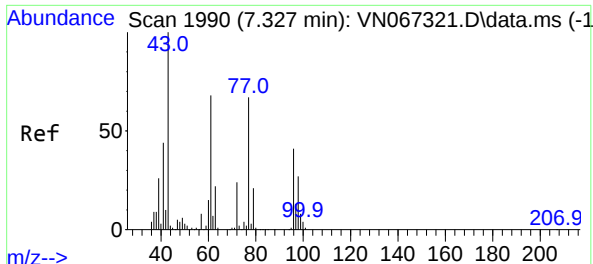
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#26  
2,2-Dichloropropane  
Concen: 17.410 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

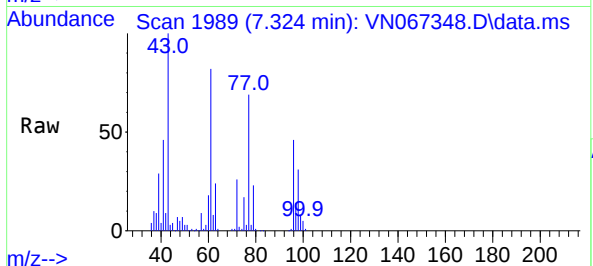
Tgt Ion: 77 Resp: 152131  
Ion Ratio Lower Upper  
77 100  
97 19.7 9.8 29.3





#27  
cis-1,2-Dichloroethene  
Concen: 19.759 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

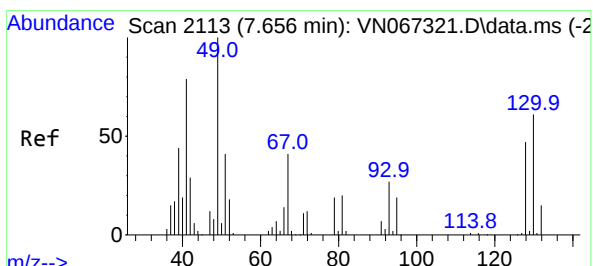
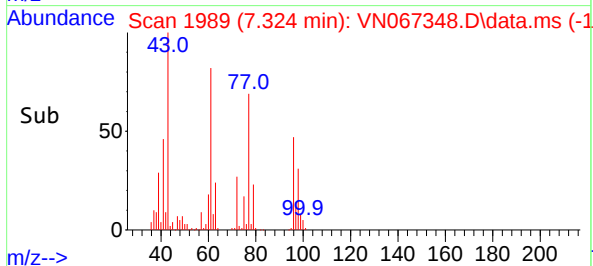
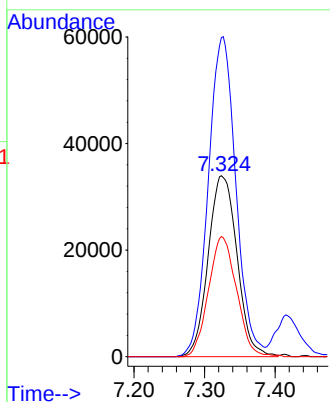
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



Tgt Ion: 96 Resp: 96682  
Ion Ratio Lower Upper  
96 100  
61 168.8 0.0 338.8  
98 64.5 0.0 129.8

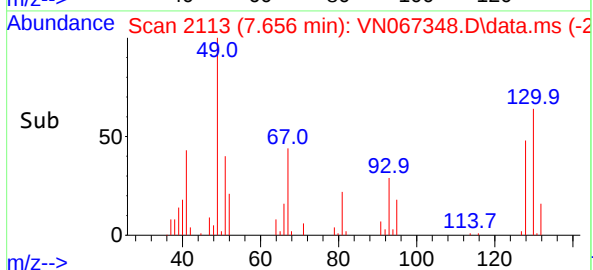
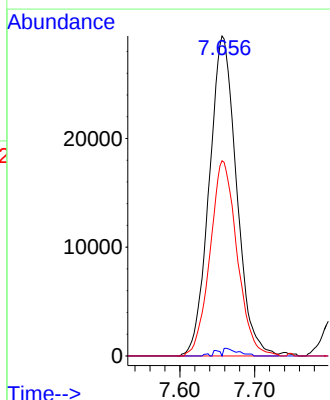
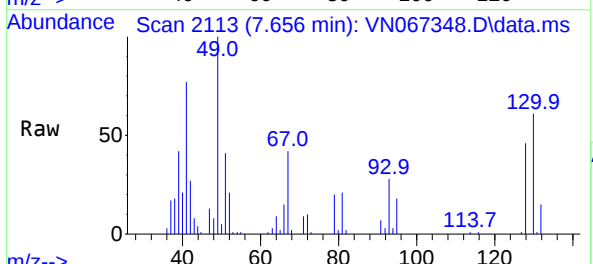
Manual Integrations  
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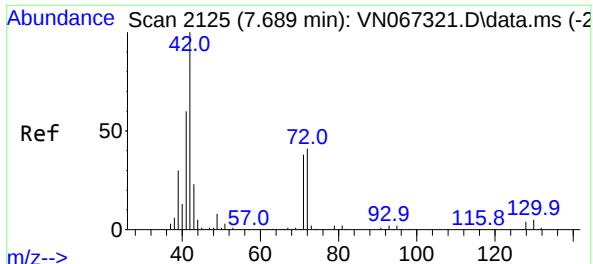
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#28  
Bromochloromethane  
Concen: 18.590 ug/l  
RT: 7.656 min Scan# 2113  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 49 Resp: 74586  
Ion Ratio Lower Upper  
49 100  
129 1.3 0.0 3.8  
130 60.5 49.7 74.5





#29

Tetrahydrofuran

Concen: 103.508 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.002 min

Lab File: VN067348.D

Acq: 15 Jun 2021 16:00

Tgt Ion: 42 Resp: 220871

Ion Ratio Lower Upper

42 100

72 41.6 32.8 49.2

71 38.4 31.2 46.8

Instrument :

MSVOA\_N

ClientSampleId :

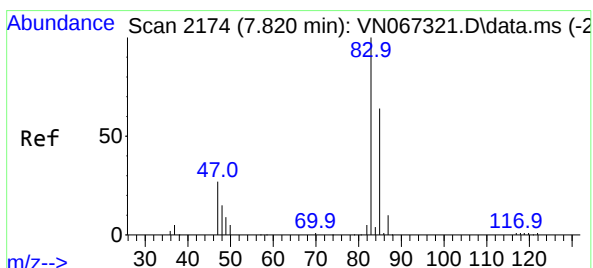
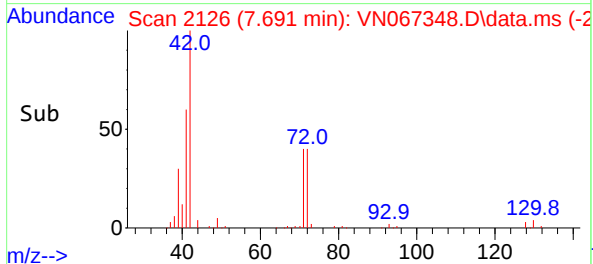
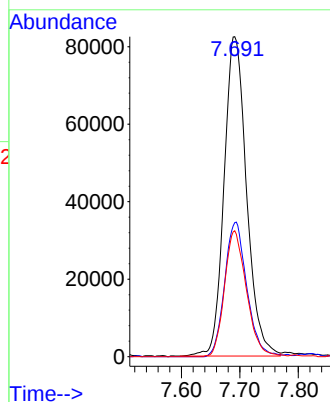
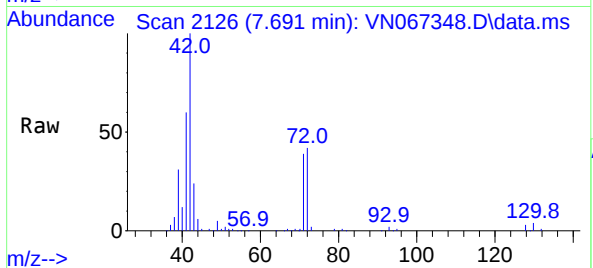
VN0615WBSD01

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#30

Chloroform

Concen: 19.787 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN067348.D

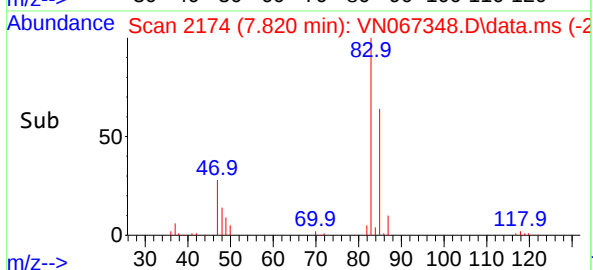
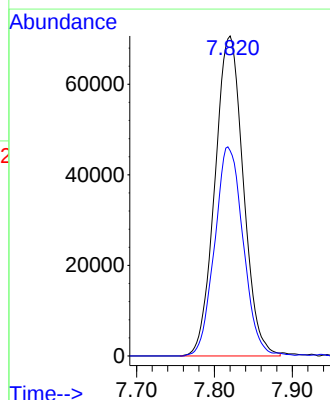
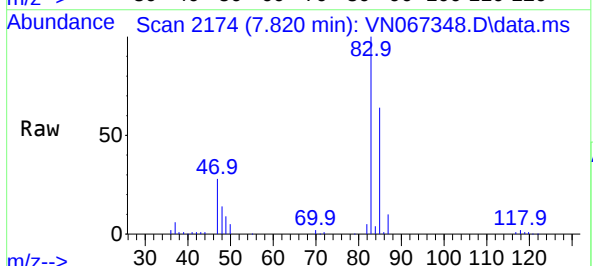
Acq: 15 Jun 2021 16:00

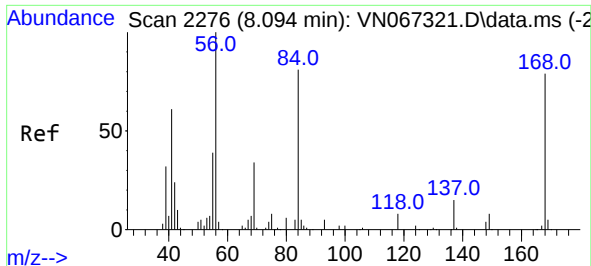
Tgt Ion: 83 Resp: 179099

Ion Ratio Lower Upper

83 100

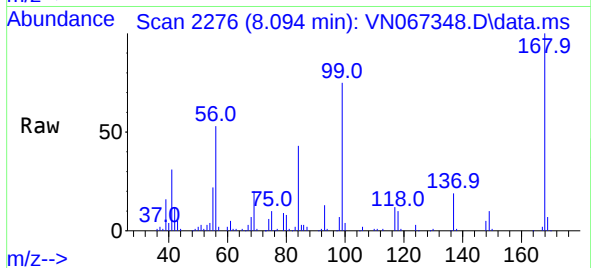
85 64.2 51.5 77.3





#31  
Cyclohexane  
Concen: 19.560 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

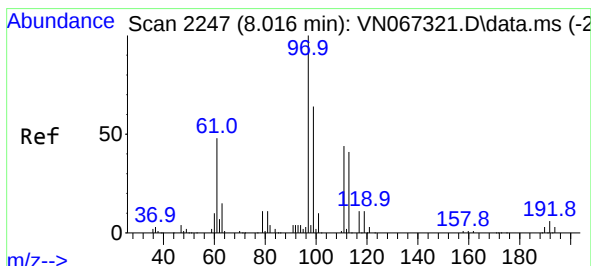
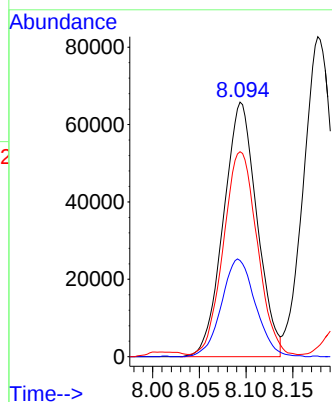
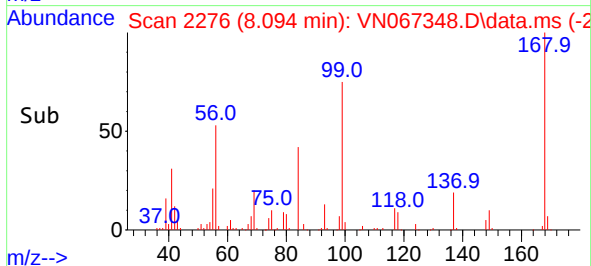
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



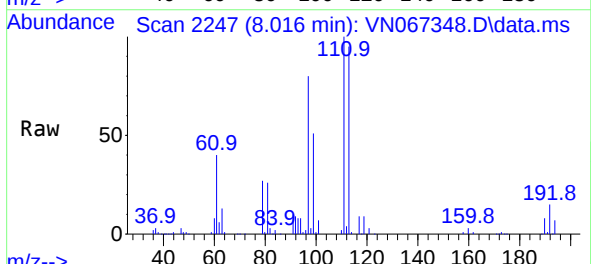
Tgt Ion: 56 Resp: 164118  
Ion Ratio Lower Upper  
56 100  
69 37.8 27.3 40.9  
84 79.0 64.9 97.3

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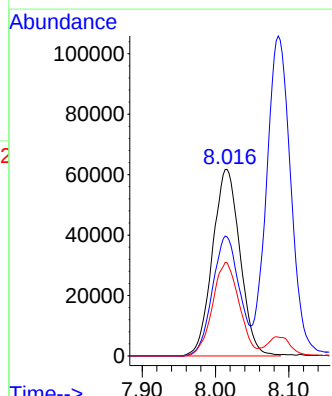
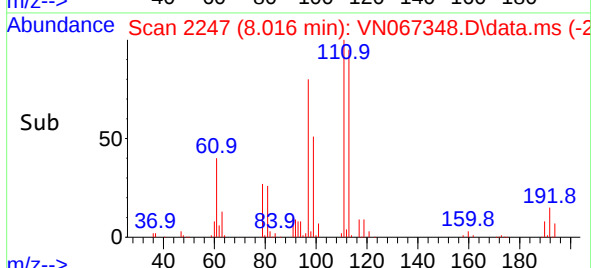
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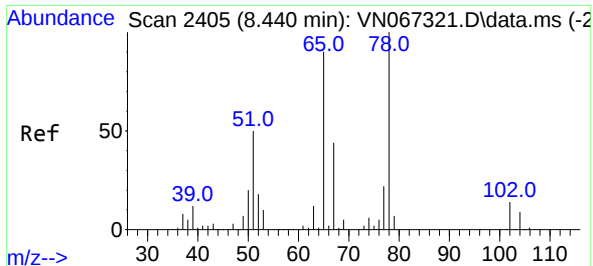


#32  
1,1,1-Trichloroethane  
Concen: 19.393 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



Tgt Ion: 97 Resp: 161232  
Ion Ratio Lower Upper  
97 100  
99 62.4 50.2 75.2  
61 48.6 38.2 57.2





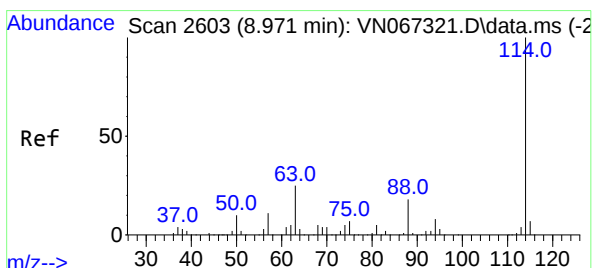
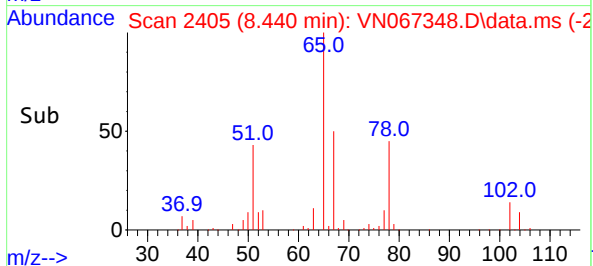
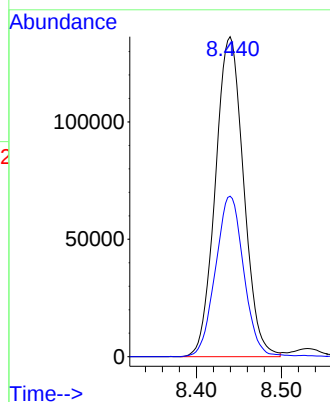
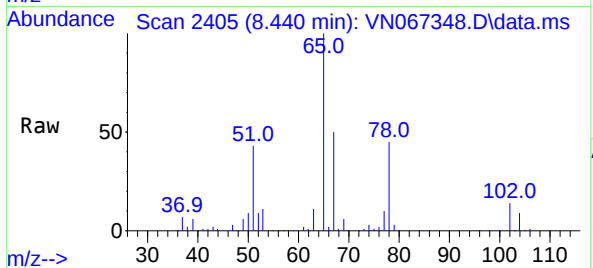
#33  
1,2-Dichloroethane-d4  
Concen: 51.071 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

Tgt Ion: 65 Resp: 315213  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 98.6

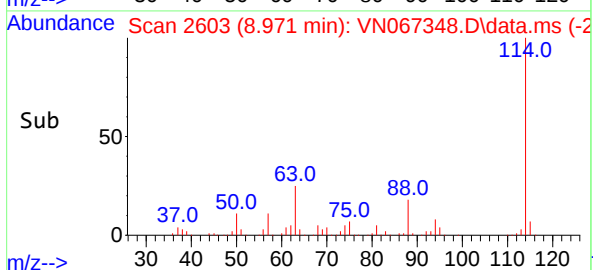
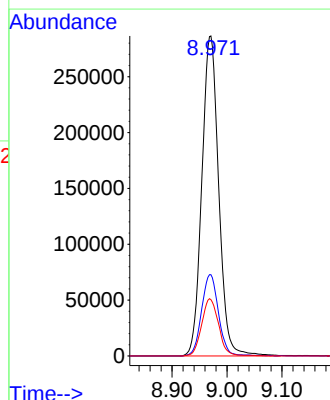
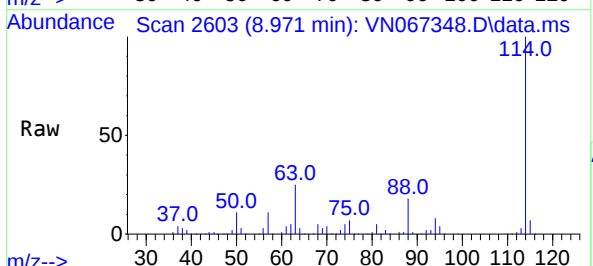
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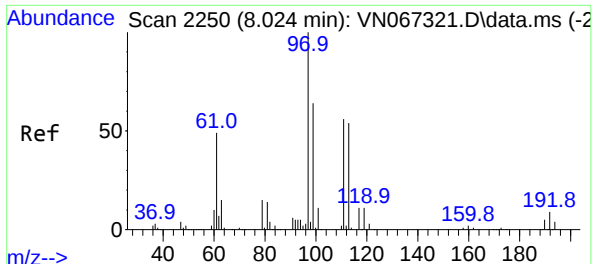
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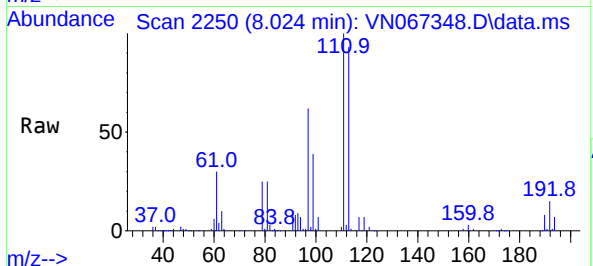
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 114 Resp: 611359  
Ion Ratio Lower Upper  
114 100  
63 25.4 0.0 49.0  
88 17.6 0.0 36.6

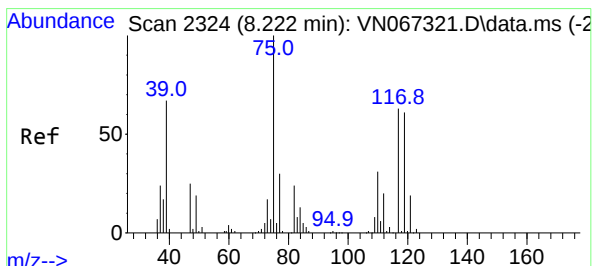
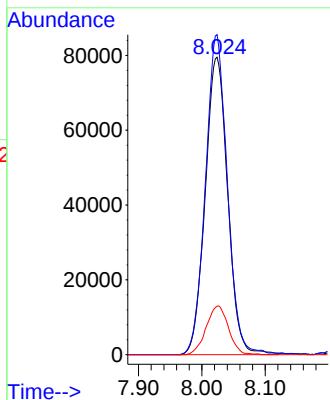
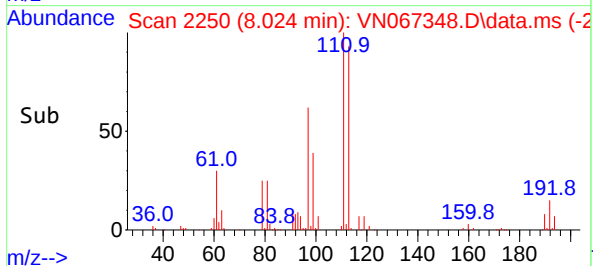




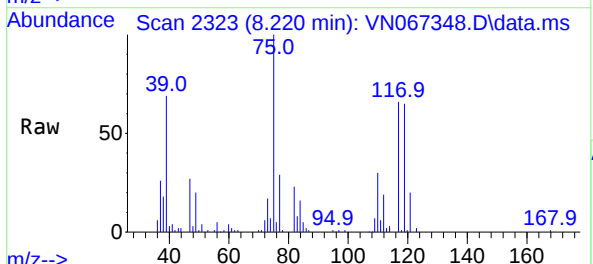
#35  
Dibromofluoromethane  
Concen: 48.259 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



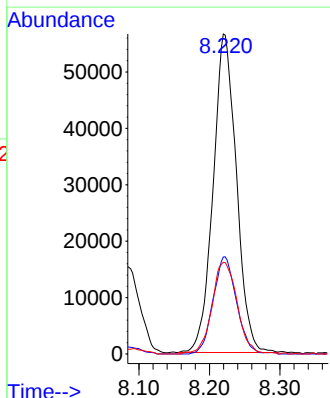
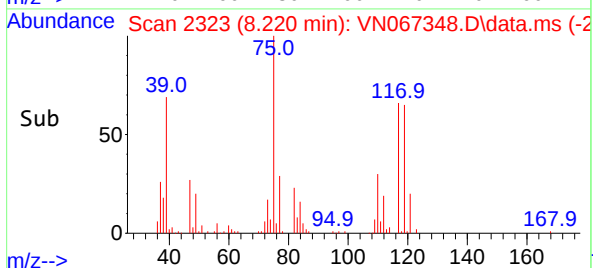
Tgt Ion: 113 Resp: 196222  
Ion Ratio Lower Upper  
113 100  
111 104.6 83.8 125.8  
192 16.2 13.4 20.0



#36  
1,1-Dichloropropene  
Concen: 18.905 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.002 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



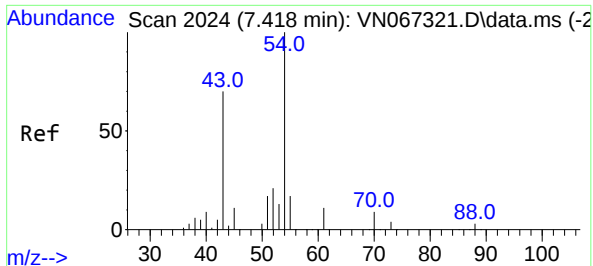
Tgt Ion: 75 Resp: 129572  
Ion Ratio Lower Upper  
75 100  
110 30.6 15.7 47.0  
77 31.0 24.6 37.0



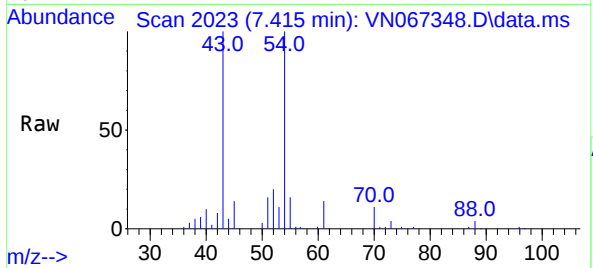
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

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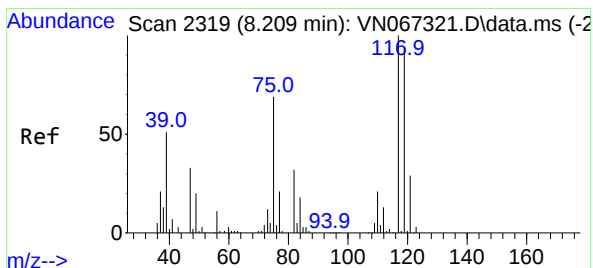
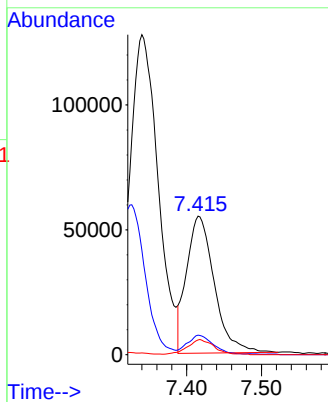
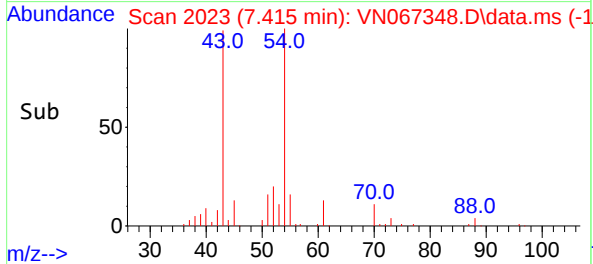


#37  
Ethyl Acetate  
Concen: 19.461 ug/l  
RT: 7.415 min Scan# 2023  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

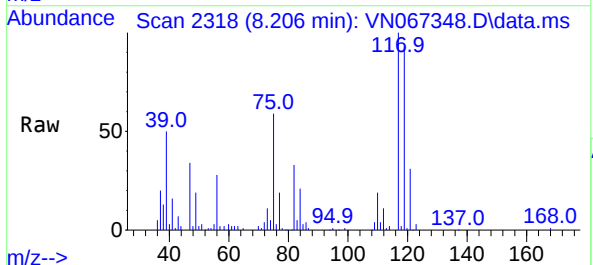


Tgt Ion: 43 Resp: 141314

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 12.7  | 10.6  | 16.0  |
| 70  | 9.7   | 8.1   | 12.1  |

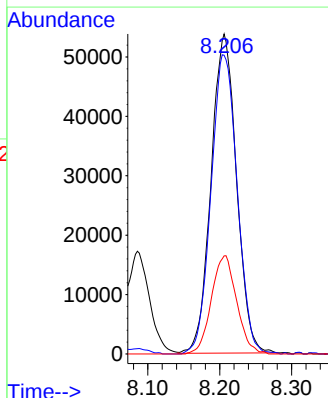
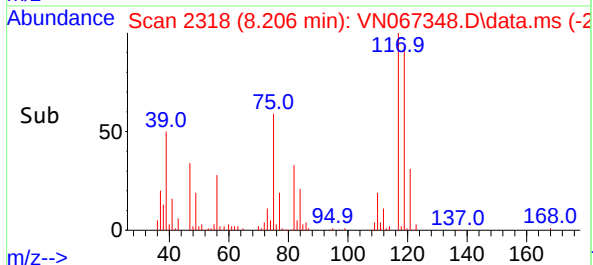


#38  
Carbon Tetrachloride  
Concen: 17.910 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



Tgt Ion: 117 Resp: 131940

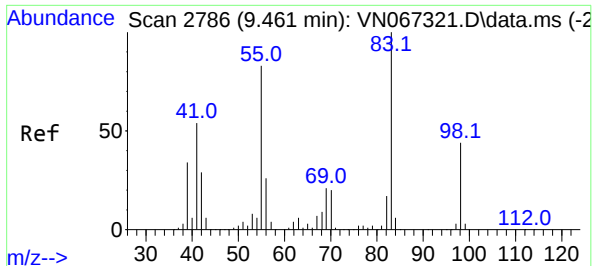
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 93.7  | 75.4  | 113.2 |
| 121 | 30.7  | 23.5  | 35.3  |



Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

Manual Integrations  
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#39

Methylcyclohexane

Concen: 20.206 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN067348.D

Acq: 15 Jun 2021 16:00

Tgt Ion: 83 Resp: 146574

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 81.8  | 66.6  | 99.8  |
| 98  | 46.6  | 35.3  | 52.9  |

Instrument :

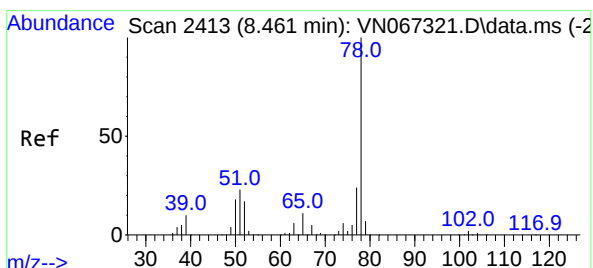
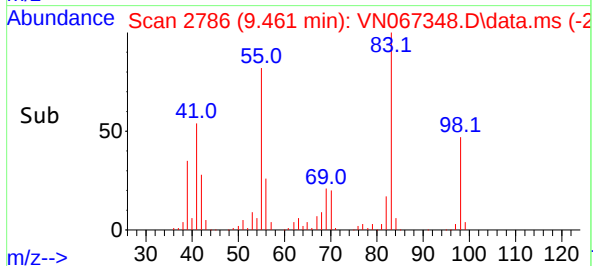
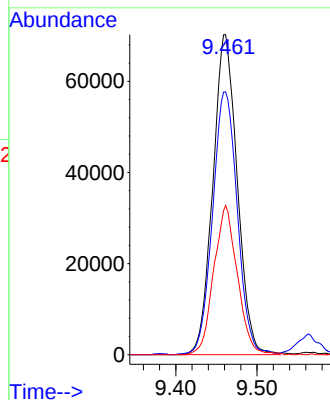
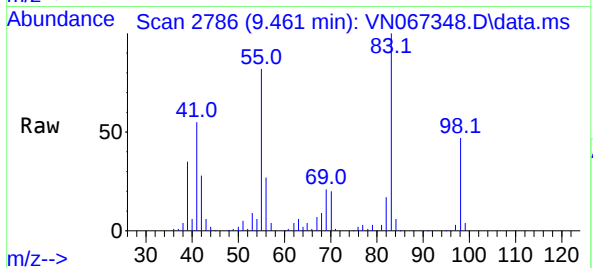
MSVOA\_N

ClientSampleId :

VN0615WBSD01

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#40

Benzene

Concen: 19.658 ug/l

RT: 8.461 min Scan# 2413

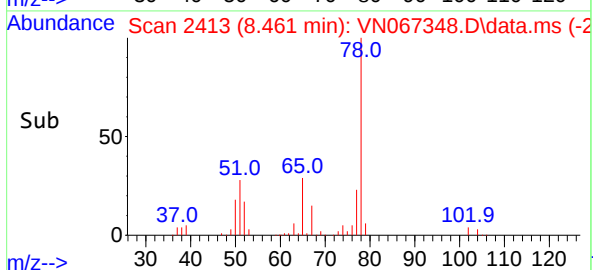
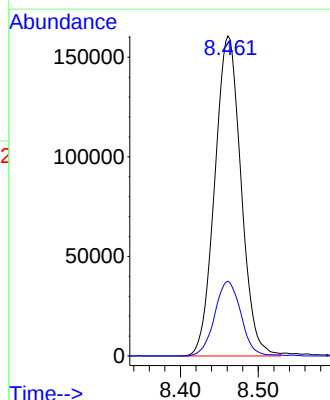
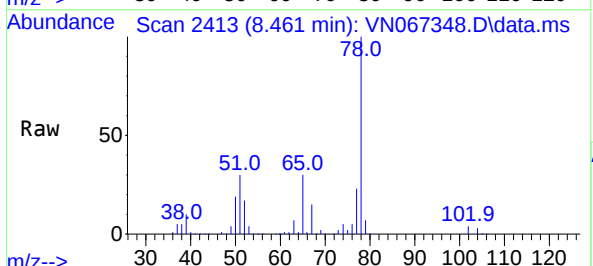
Delta R.T. -0.000 min

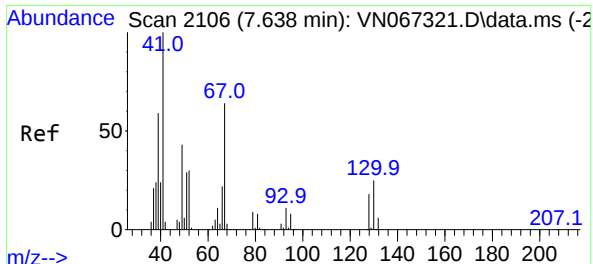
Lab File: VN067348.D

Acq: 15 Jun 2021 16:00

Tgt Ion: 78 Resp: 376047

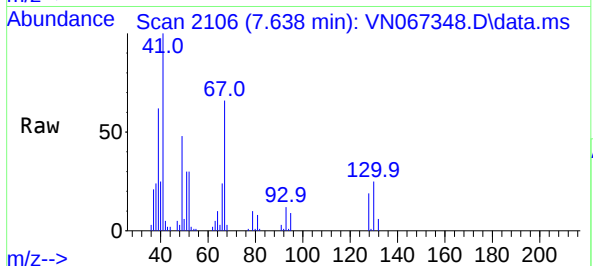
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.4  | 18.9  | 28.3  |





#41  
Methacrylonitrile  
Concen: 19.281 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

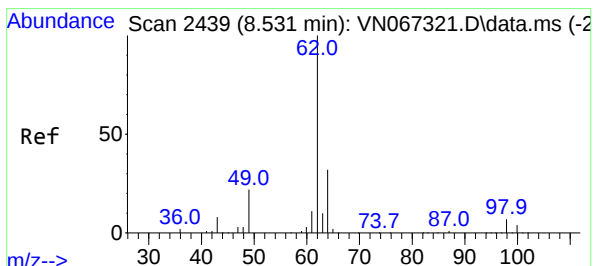
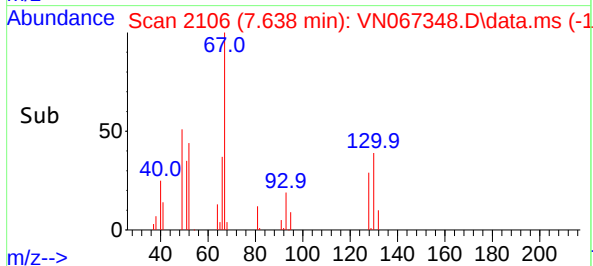
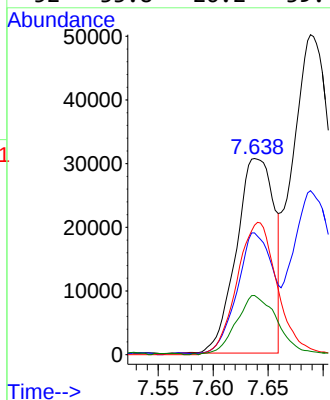
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 72780 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.9  | 47.6  | 71.4  |
| 67       | 72.9  | 57.7  | 86.5  |
| 52       | 33.8  | 26.2  | 39.4  |

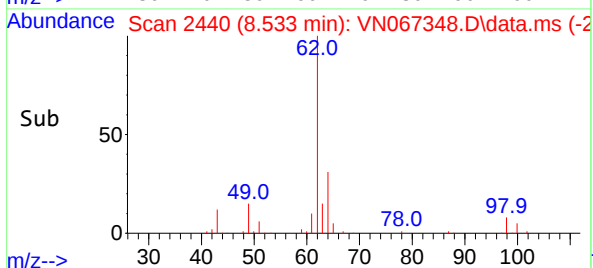
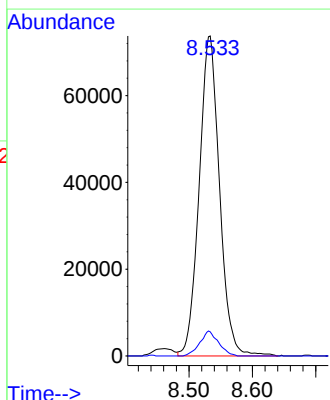
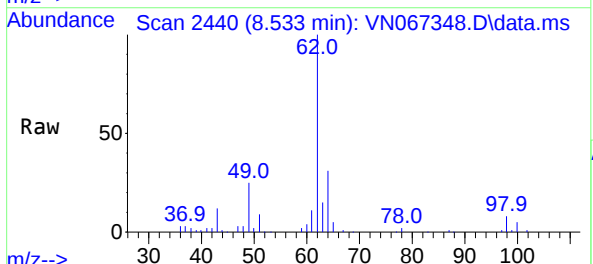
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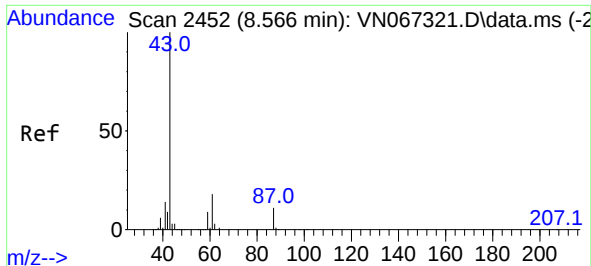
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#42  
1,2-Dichloroethane  
Concen: 20.382 ug/l  
RT: 8.533 min Scan# 2440  
Delta R.T. 0.002 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

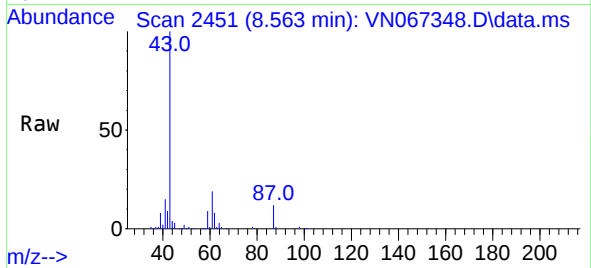
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 164756 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.2   | 0.0   | 14.2   |





#43  
Isopropyl Acetate  
Concen: 19.228 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

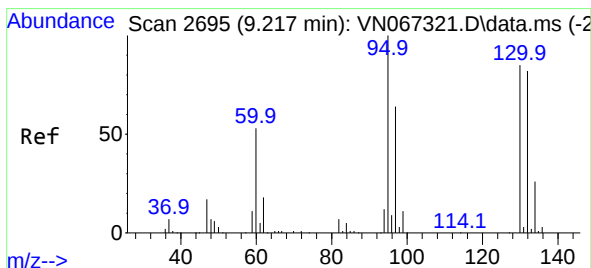
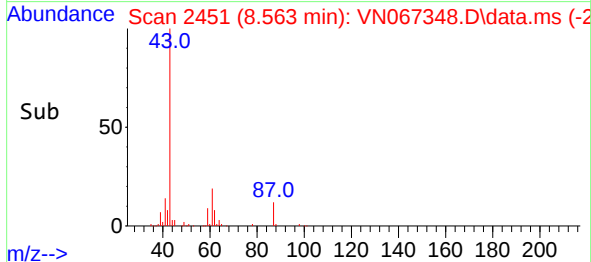
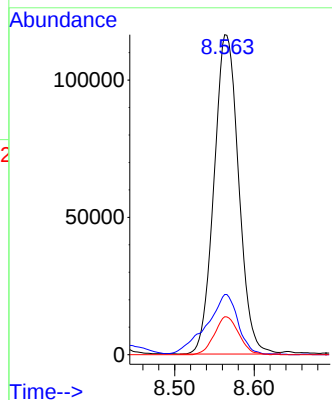
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



Tgt Ion: 43 Resp: 250597  
Ion Ratio Lower Upper  
43 100  
61 23.6 19.0 28.4  
87 11.8 9.5 14.3

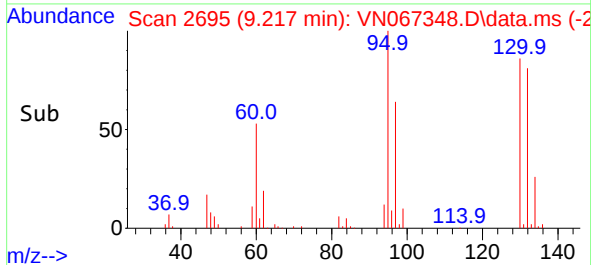
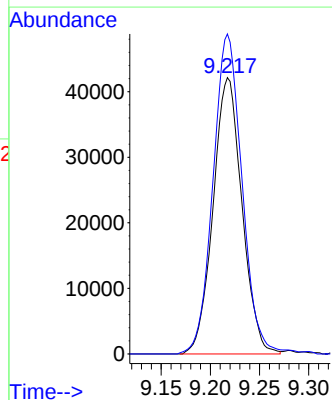
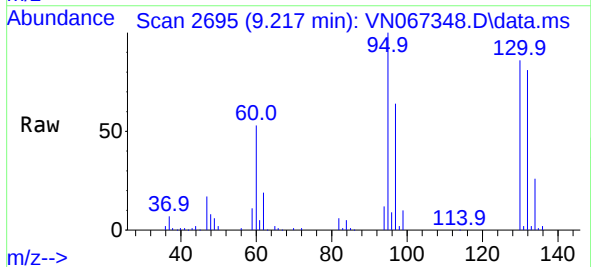
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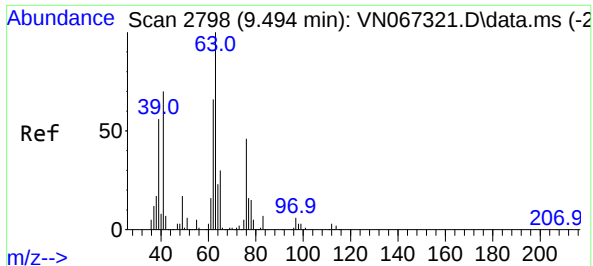
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#44  
Trichloroethene  
Concen: 19.243 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 130 Resp: 86084  
Ion Ratio Lower Upper  
130 100  
95 115.4 0.0 234.4

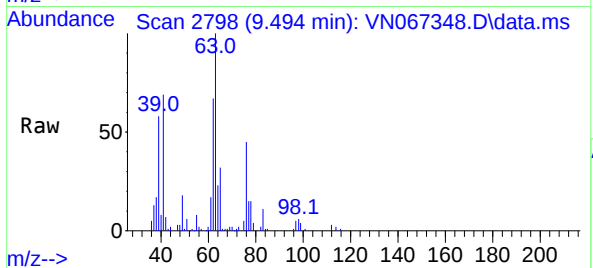




#45

1,2-Dichloropropane  
Concen: 19.956 ug/l  
RT: 9.494 min Scan# 2798  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

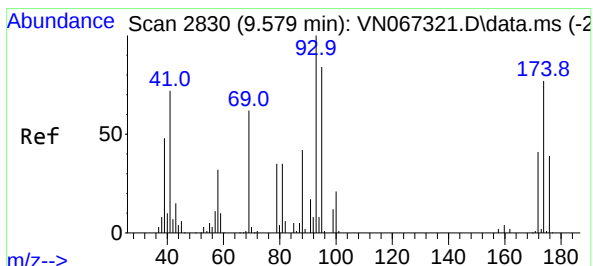
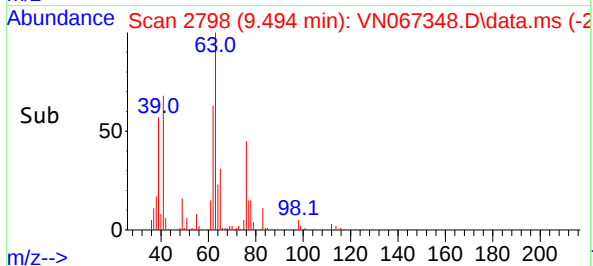
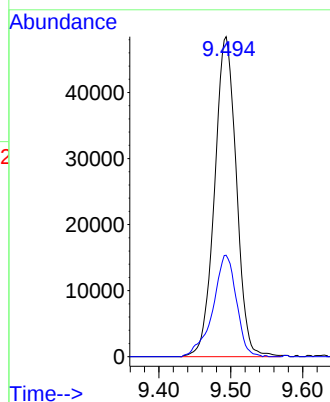
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



Tgt Ion: 63 Resp: 101818  
Ion Ratio Lower Upper  
63 100  
65 31.7 24.3 36.5

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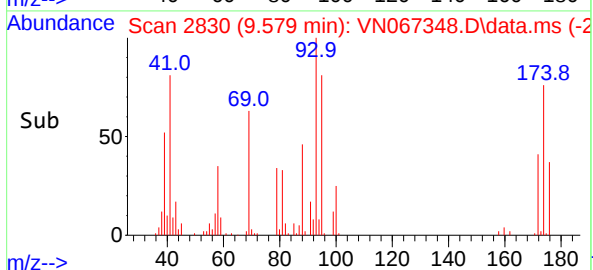
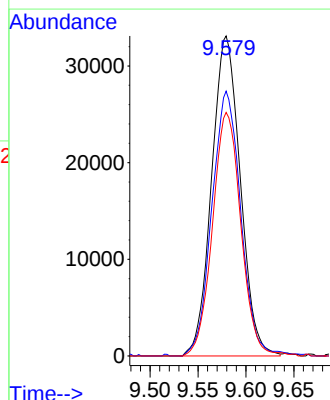
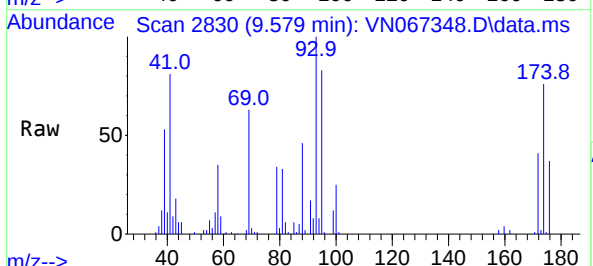
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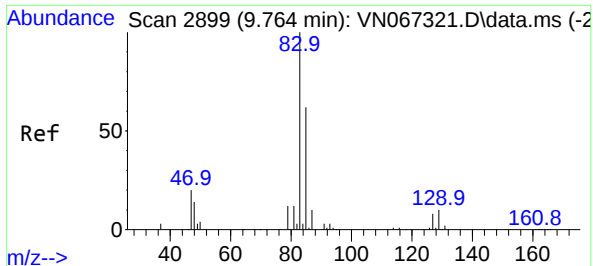


#46

Dibromomethane  
Concen: 19.806 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

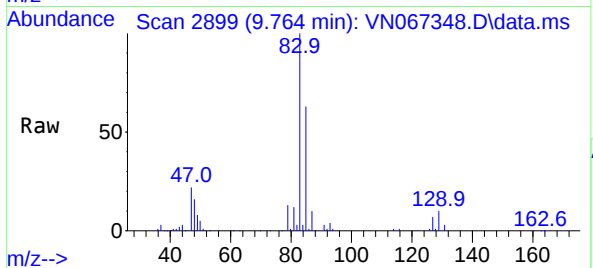
Tgt Ion: 93 Resp: 68751  
Ion Ratio Lower Upper  
93 100  
95 83.8 66.1 99.1  
174 75.4 61.0 91.4





#47  
Bromodichloromethane  
Concen: 18.939 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

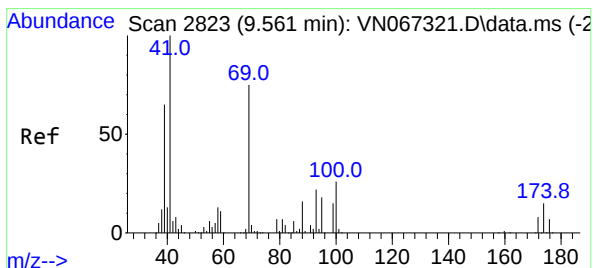
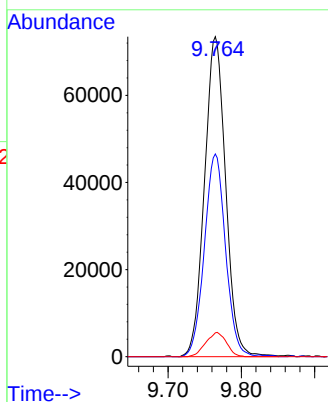
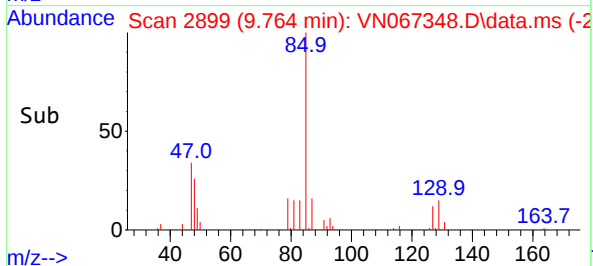
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



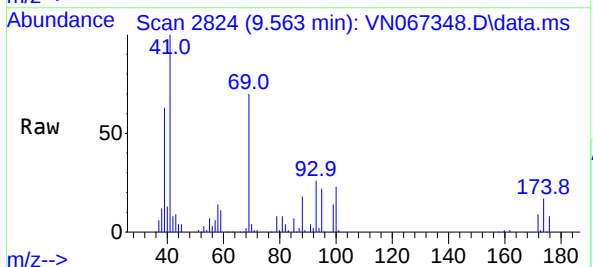
Tgt Ion: 83 Resp: 147466  
Ion Ratio Lower Upper  
83 100  
85 63.4 49.9 74.9  
127 7.4 6.1 9.1

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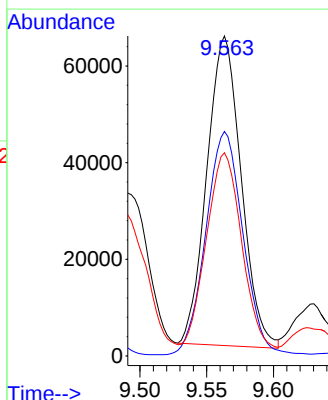
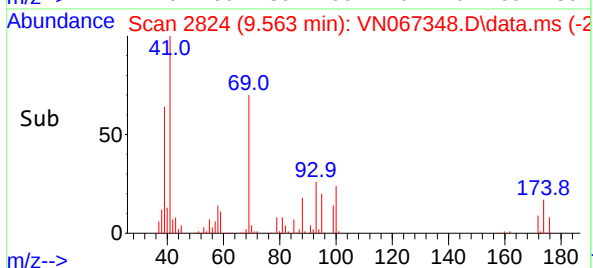
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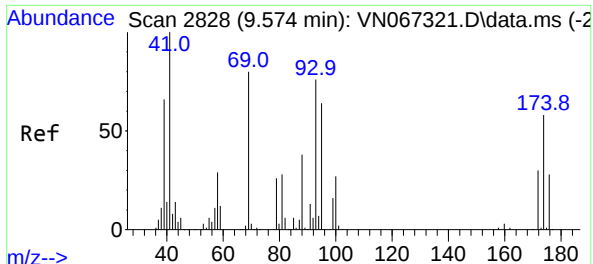


#48  
Methyl methacrylate  
Concen: 19.259 ug/l  
RT: 9.563 min Scan# 2824  
Delta R.T. 0.002 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



Tgt Ion: 41 Resp: 114451  
Ion Ratio Lower Upper  
41 100  
69 78.3 64.6 96.8  
39 64.4 53.3 79.9





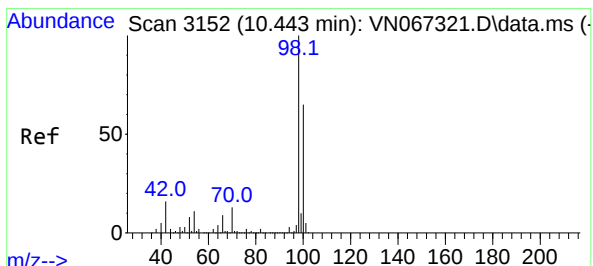
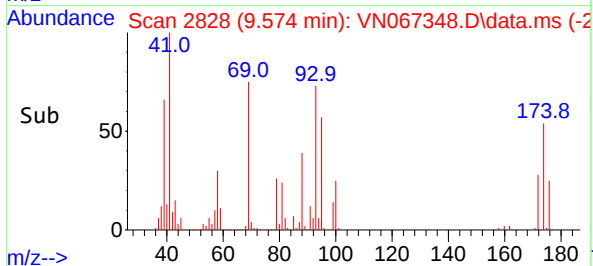
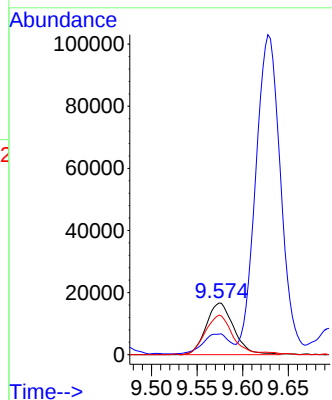
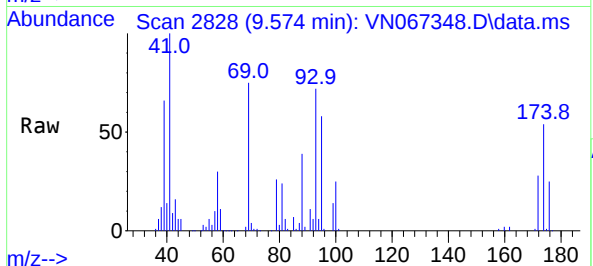
#49  
1,4-Dioxane  
Concen: 429.661 ug/l  
RT: 9.574 min Scan# 2828  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 88 Resp: 34947  
Ion Ratio Lower Upper  
88 100  
43 38.2 28.8 43.2  
58 75.8 60.4 90.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

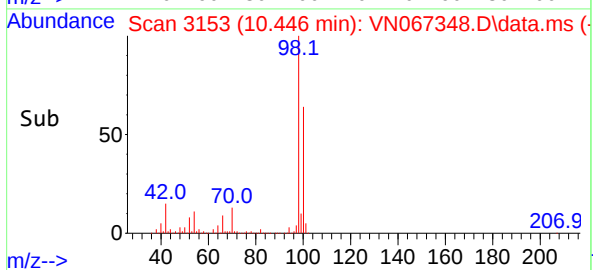
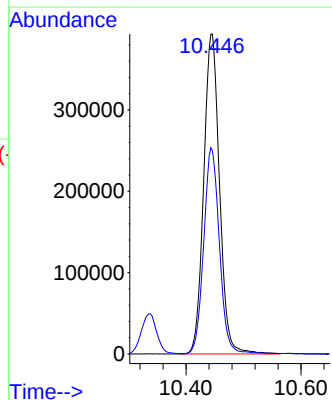
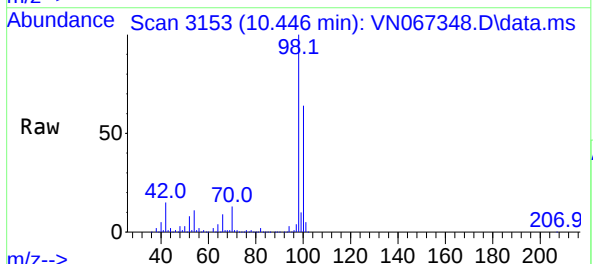
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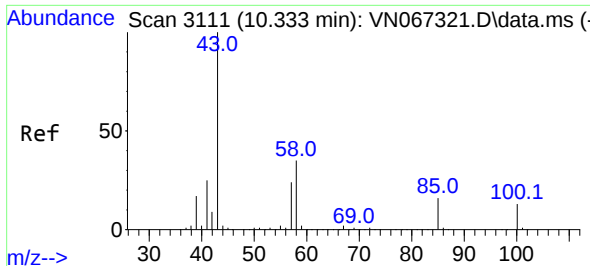
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#50  
Toluene-d8  
Concen: 48.333 ug/l  
RT: 10.446 min Scan# 3153  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 98 Resp: 753238  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.7 77.5





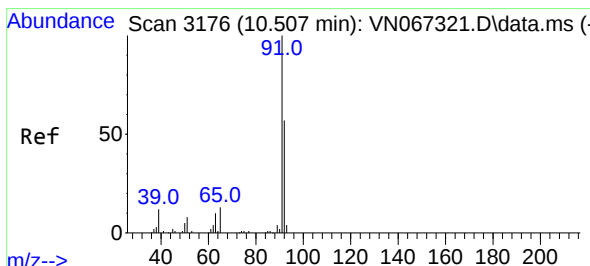
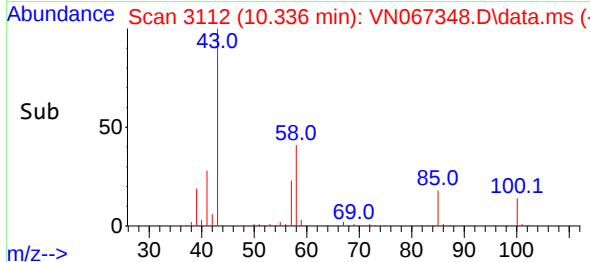
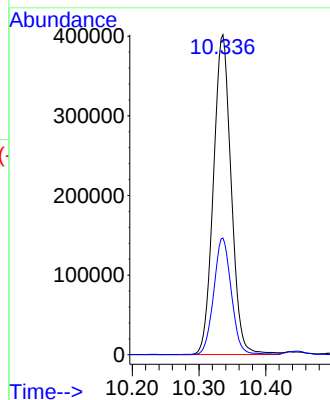
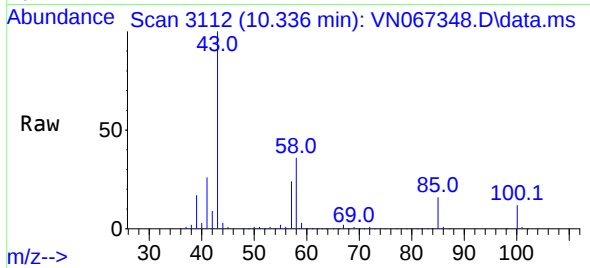
#51  
4-Methyl-2-Pentanone  
Concen: 98.955 ug/l  
RT: 10.336 min Scan# 3112  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 43 Resp: 742536  
Ion Ratio Lower Upper  
43 100  
58 36.0 28.6 43.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

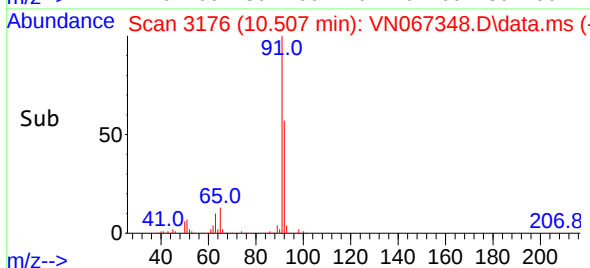
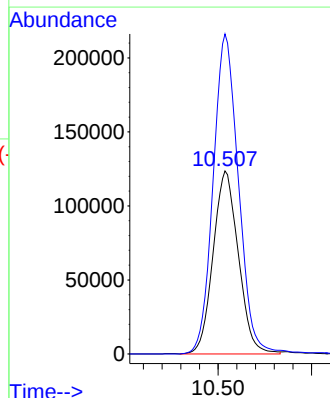
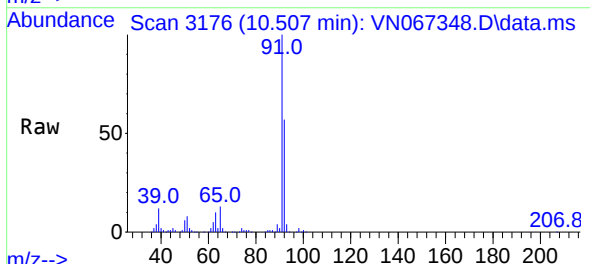
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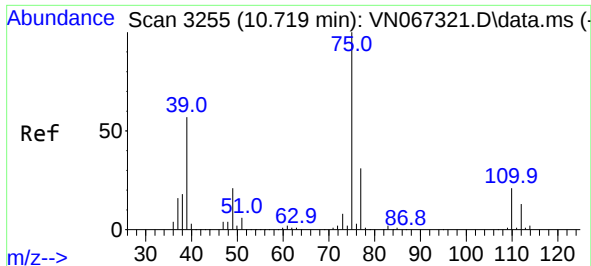
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#52  
Toluene  
Concen: 19.334 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 92 Resp: 232578  
Ion Ratio Lower Upper  
92 100  
91 175.5 139.6 209.4





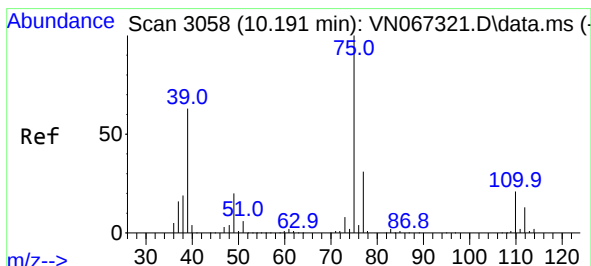
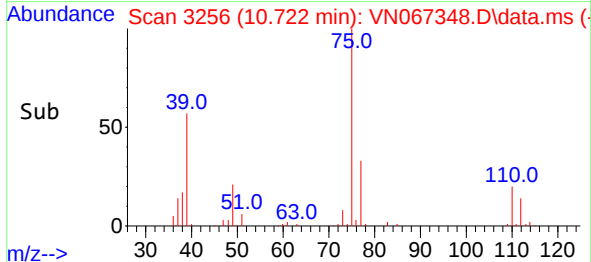
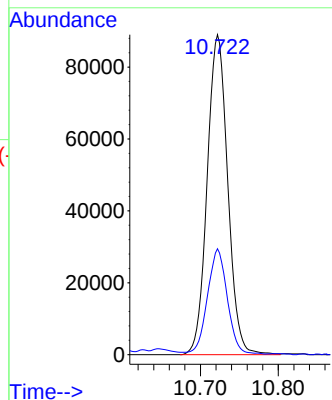
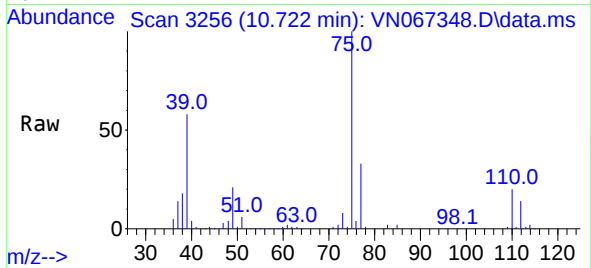
#53  
 t-1,3-Dichloropropene  
 Concen: 18.956 ug/l  
 RT: 10.722 min Scan# 3256  
 Delta R.T. 0.003 min  
 Lab File: VN067348.D  
 Acq: 15 Jun 2021 16:00

Tgt Ion: 75 Resp: 163447  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 25.1 37.7

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0615WBSD01

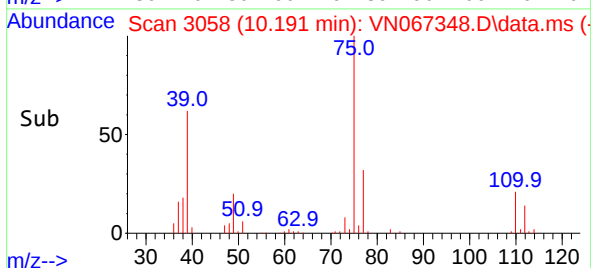
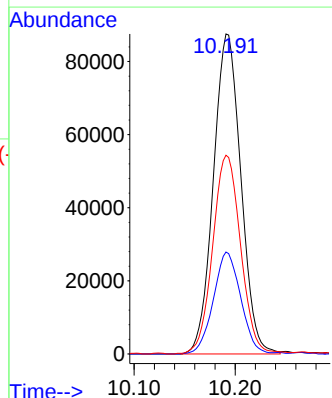
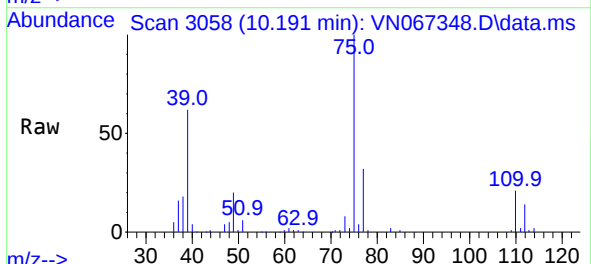
Manual Integrations  
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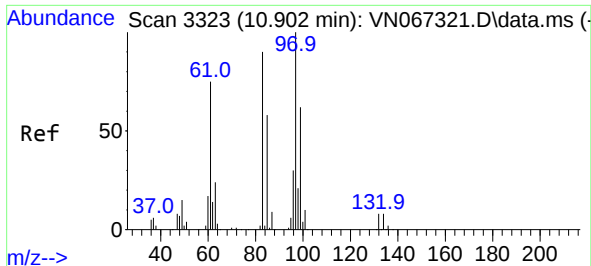
MMDadoda  
 6/16/2021 5:03:21 PM



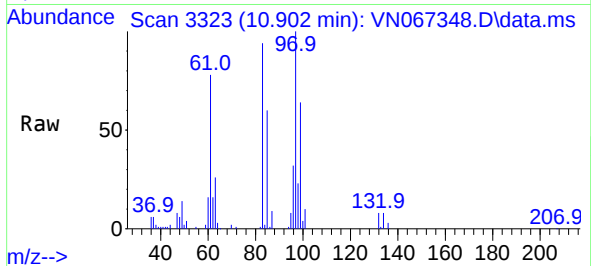
#54  
 cis-1,3-Dichloropropene  
 Concen: 18.999 ug/l  
 RT: 10.191 min Scan# 3058  
 Delta R.T. -0.000 min  
 Lab File: VN067348.D  
 Acq: 15 Jun 2021 16:00

Tgt Ion: 75 Resp: 165562  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 24.6 37.0  
 39 61.9 50.7 76.1

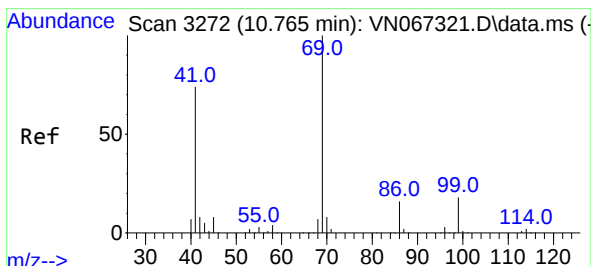
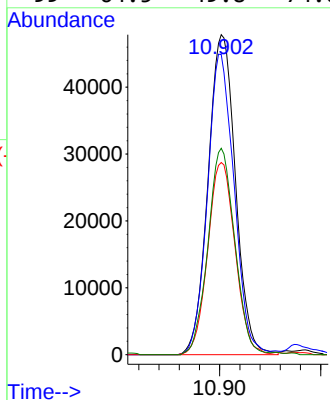
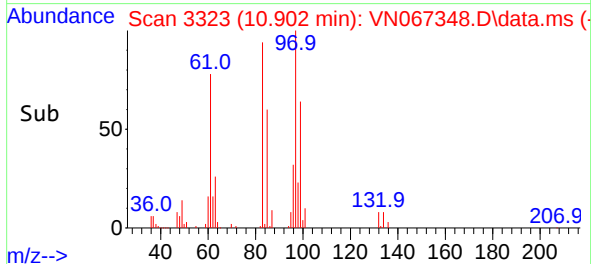




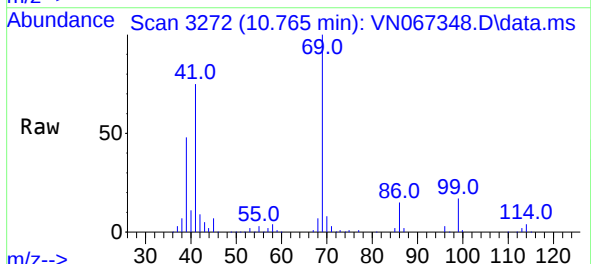
#55  
1,1,2-Trichloroethane  
Concen: 19.416 ug/l  
RT: 10.902 min Scan# 3323  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



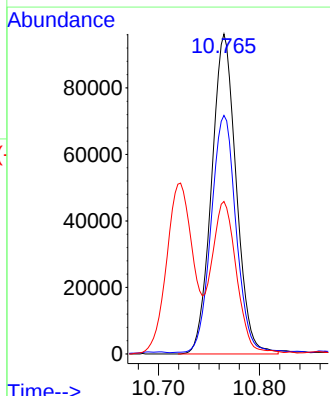
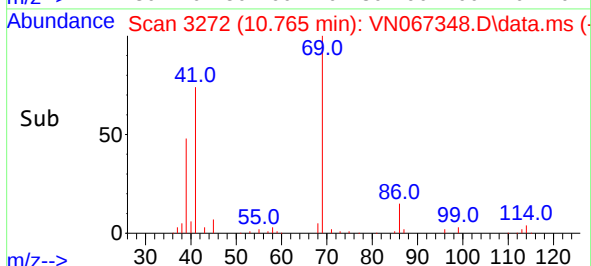
Tgt Ion: 97 Resp: 90305  
Ion Ratio Lower Upper  
97 100  
83 93.8 72.0 108.0  
85 60.1 46.8 70.2  
99 64.5 49.8 74.6



#56  
Ethyl methacrylate  
Concen: 19.463 ug/l  
RT: 10.765 min Scan# 3272  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



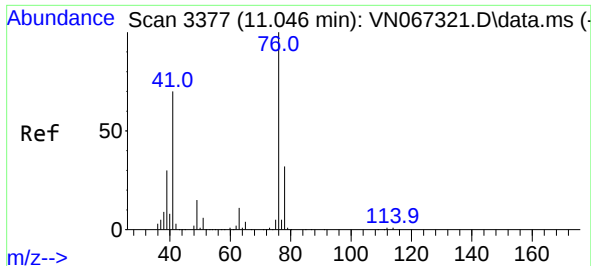
Tgt Ion: 69 Resp: 162744  
Ion Ratio Lower Upper  
69 100  
41 75.1 58.6 88.0  
39 46.0 38.3 57.5



Instrument :  
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ClientSampleId :  
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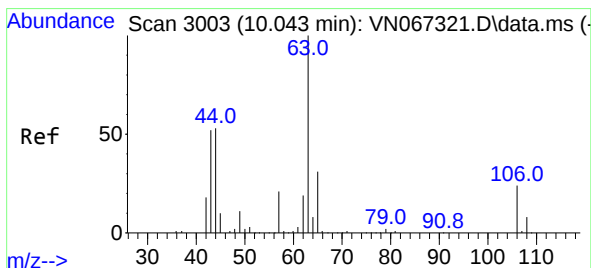
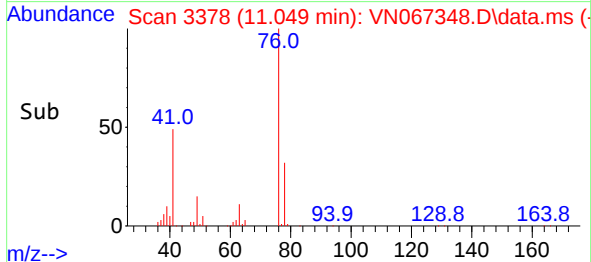
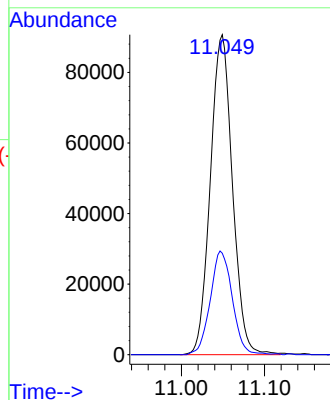
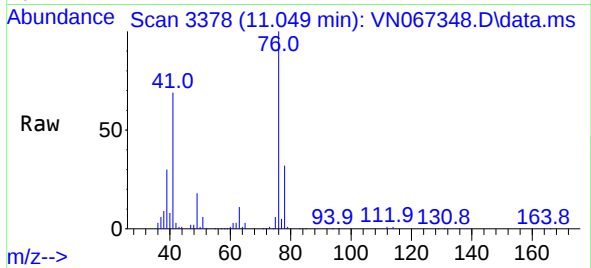
#57  
1,3-Dichloropropane  
Concen: 19.727 ug/l  
RT: 11.049 min Scan# 3378  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 76 Resp: 167596  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.7 38.5

Instrument :  
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ClientSampleId :  
VN0615WBSD01

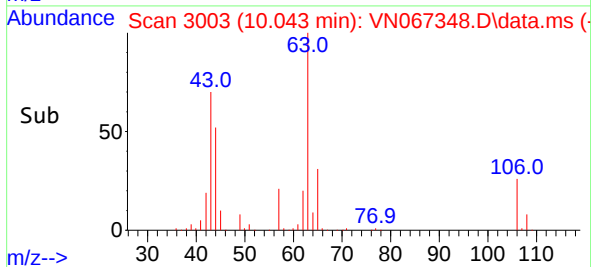
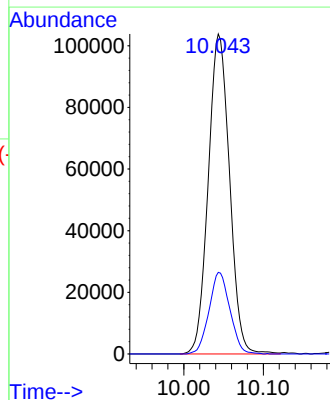
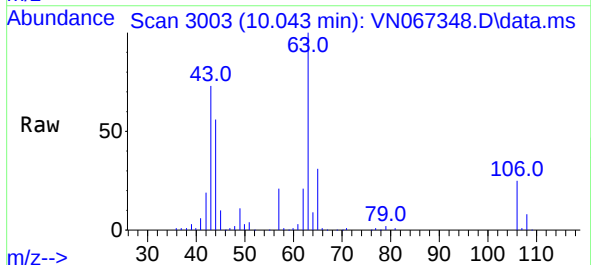
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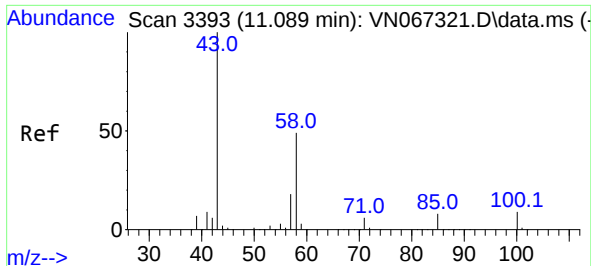
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#58  
2-Chloroethyl Vinyl ether  
Concen: 79.410 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 63 Resp: 193234  
Ion Ratio Lower Upper  
63 100  
106 25.0 19.8 29.8





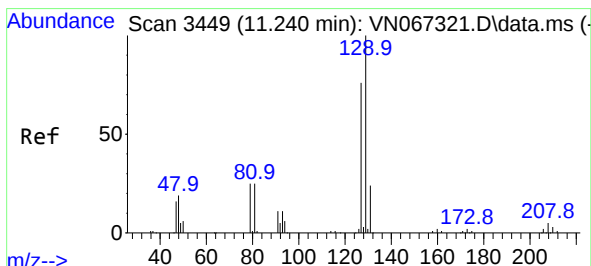
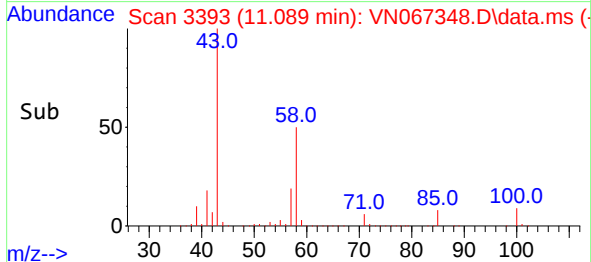
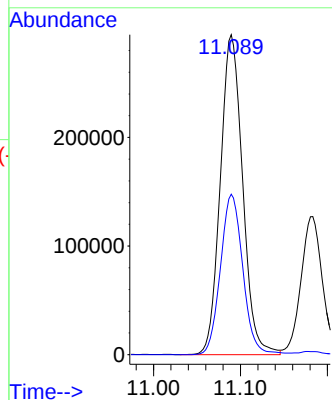
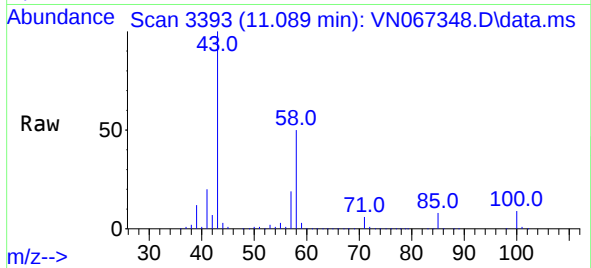
#59  
2-Hexanone  
Concen: 95.596 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 43 Resp: 525537  
Ion Ratio Lower Upper  
43 100  
58 50.3 24.7 74.1

Instrument :  
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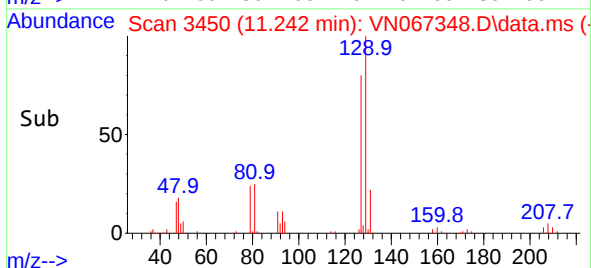
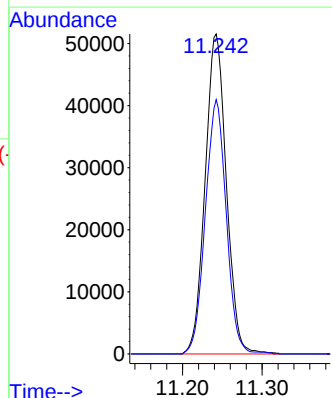
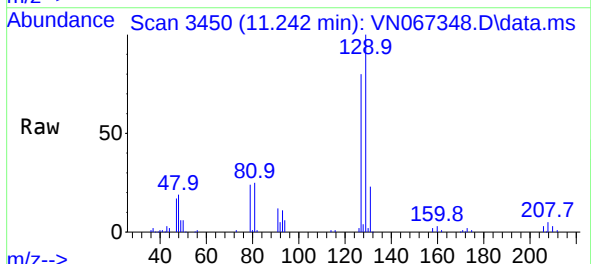
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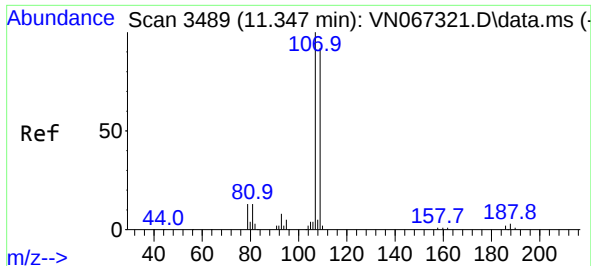
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#60  
Dibromochloromethane  
Concen: 18.806 ug/l  
RT: 11.242 min Scan# 3450  
Delta R.T. 0.002 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

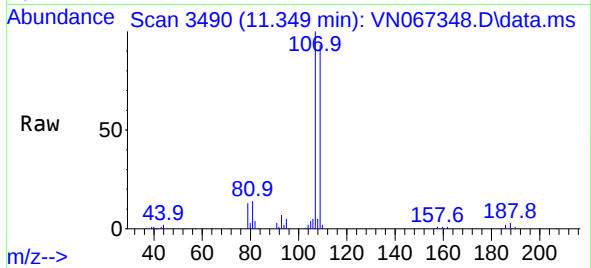
Tgt Ion:129 Resp: 95636  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.6 115.8





#61  
1,2-Dibromoethane  
Concen: 19.287 ug/l  
RT: 11.349 min Scan# 3490  
Delta R.T. 0.002 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

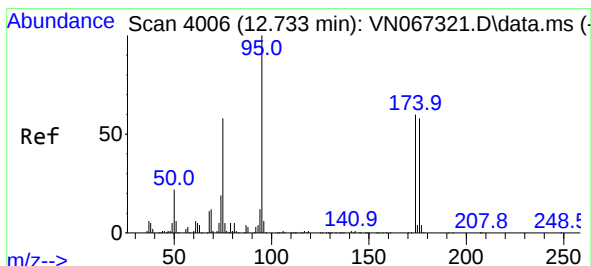
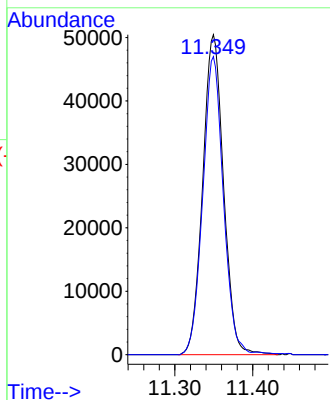
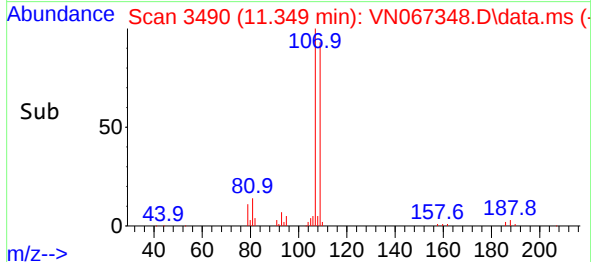
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



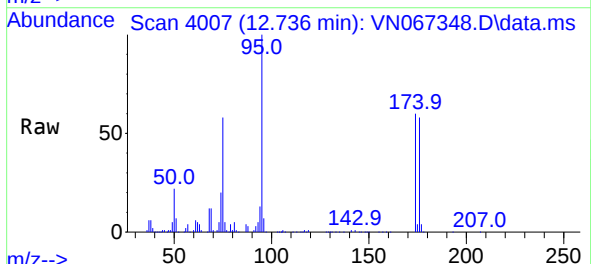
Tgt Ion:107 Resp: 93911  
Ion Ratio Lower Upper  
107 100  
109 91.7 75.0 112.4

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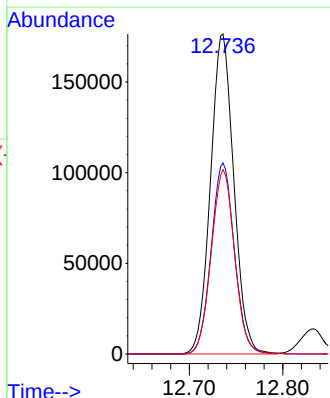
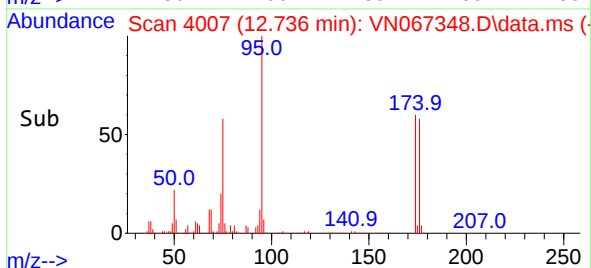
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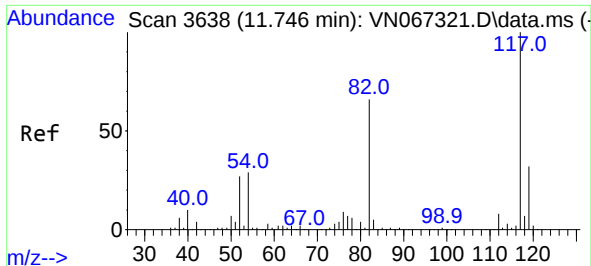


#62  
4-Bromofluorobenzene  
Concen: 47.574 ug/l  
RT: 12.736 min Scan# 4007  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



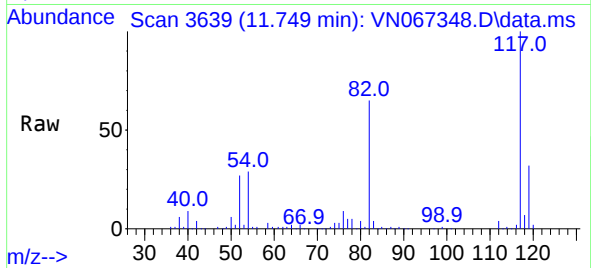
Tgt Ion: 95 Resp: 305974  
Ion Ratio Lower Upper  
95 100  
174 59.5 0.0 122.0  
176 57.5 0.0 117.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

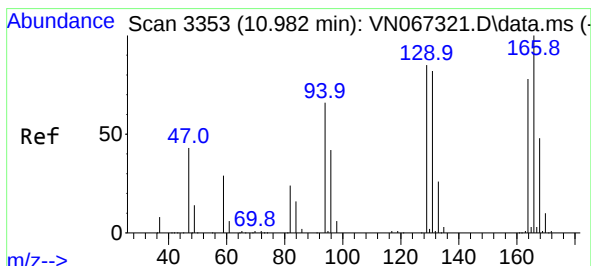
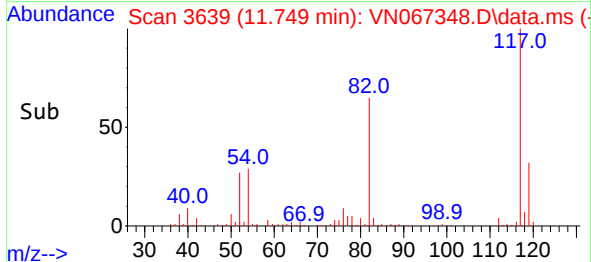
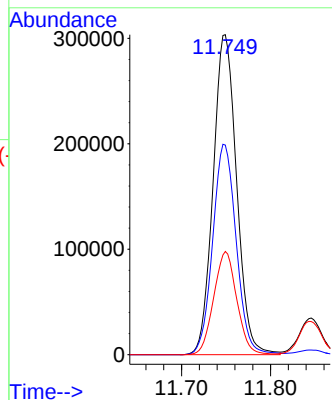
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



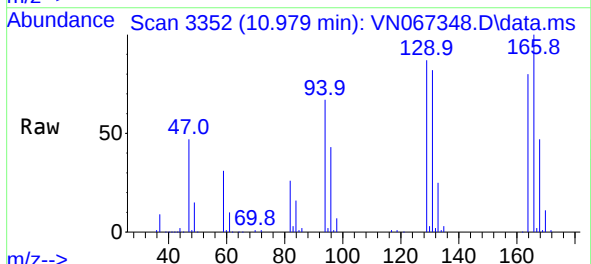
Tgt Ion:117 Resp: 557545  
Ion Ratio Lower Upper  
117 100  
82 65.5 53.1 79.7  
119 32.2 25.5 38.3

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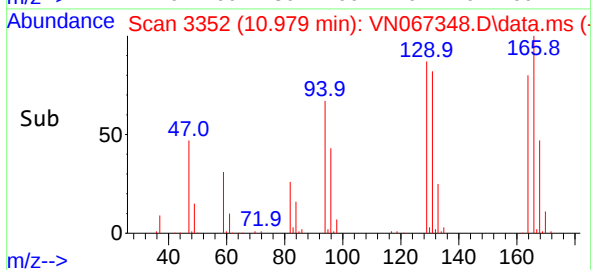
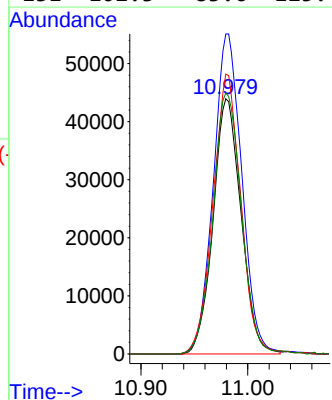
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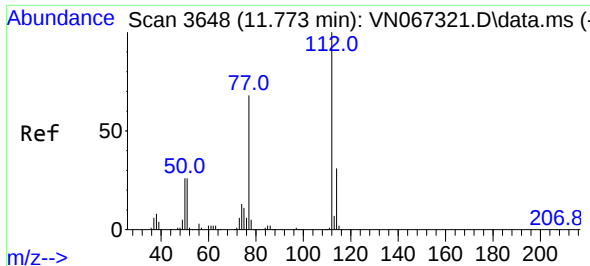


#64  
Tetrachloroethene  
Concen: 20.175 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



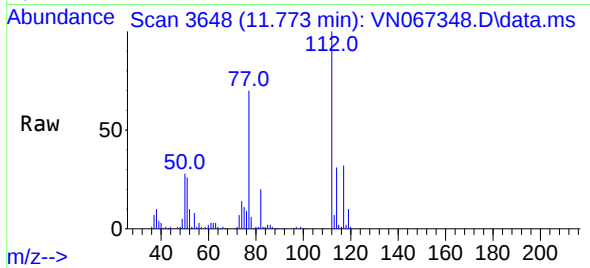
Tgt Ion:164 Resp: 79867  
Ion Ratio Lower Upper  
164 100  
166 125.4 102.1 153.1  
129 109.7 86.9 130.3  
131 102.3 83.6 125.4





#65  
Chlorobenzene  
Concen: 19.599 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

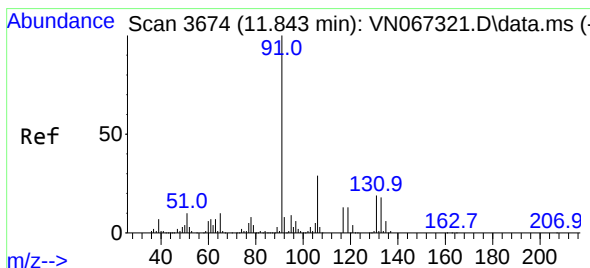
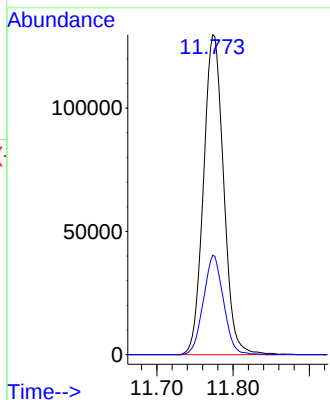
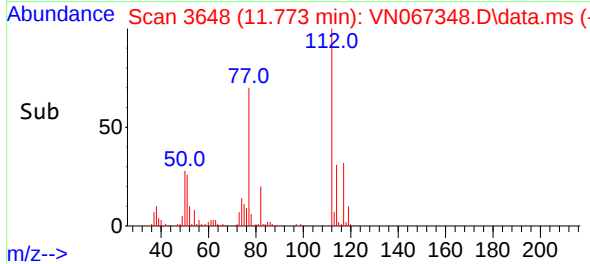
Instrument :  
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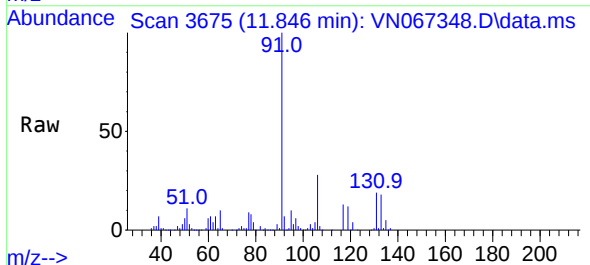
Tgt Ion:112 Resp: 237782  
Ion Ratio Lower Upper  
112 100  
114 31.1 24.6 37.0

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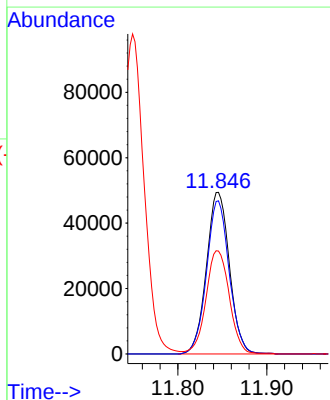
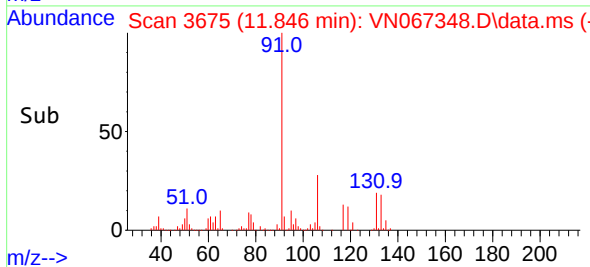
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.610 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



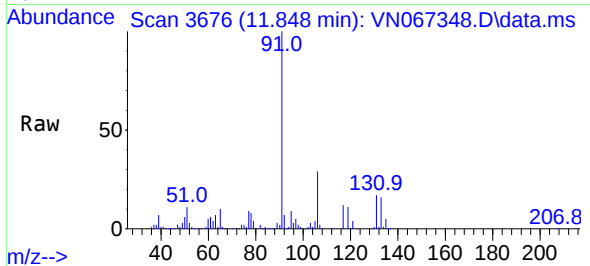
Tgt Ion:131 Resp: 88600  
Ion Ratio Lower Upper  
131 100  
133 93.7 47.5 142.5  
119 64.2 33.1 99.3





#67  
Ethyl Benzene  
Concen: 19.368 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

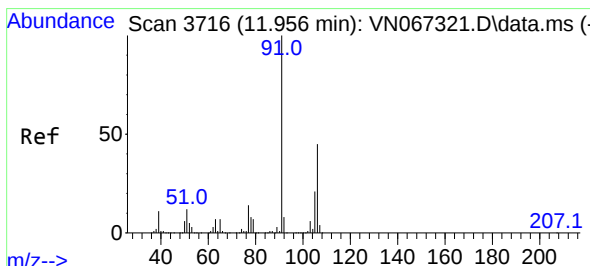
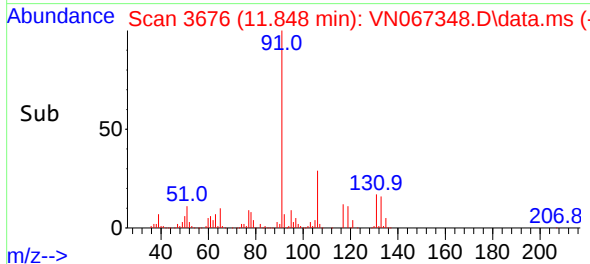
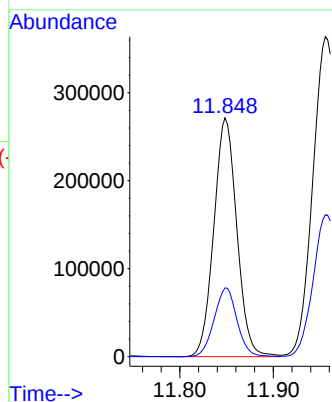
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



Tgt Ion: 91 Resp: 464693  
Ion Ratio Lower Upper  
91 100  
106 28.8 23.4 35.0

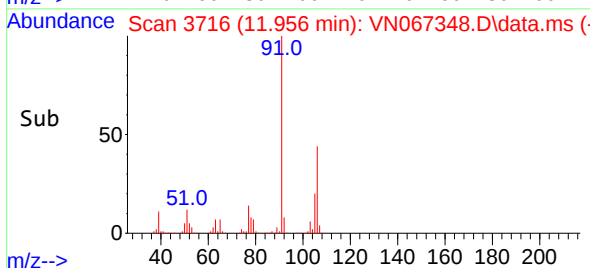
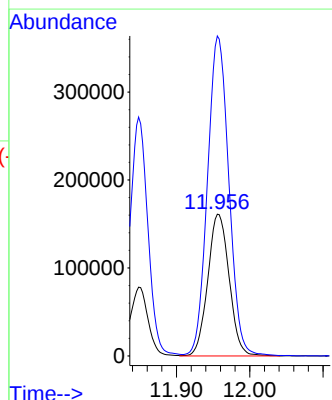
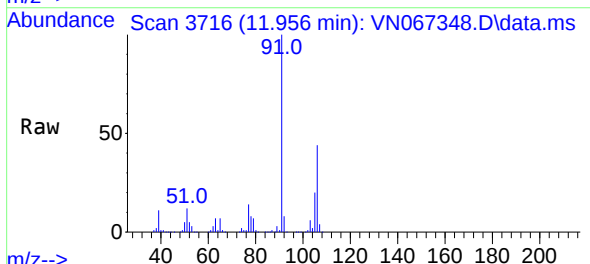
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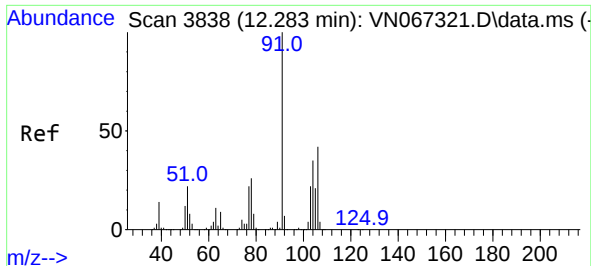
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#68  
m/p-Xylenes  
Concen: 38.334 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 106 Resp: 326944  
Ion Ratio Lower Upper  
106 100  
91 224.9 180.6 270.8





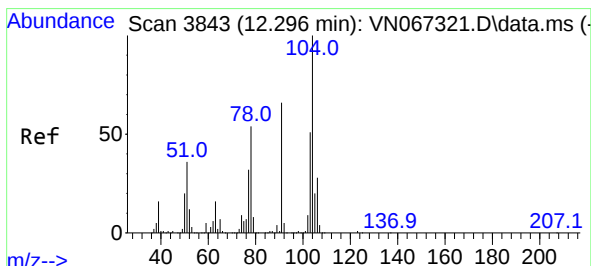
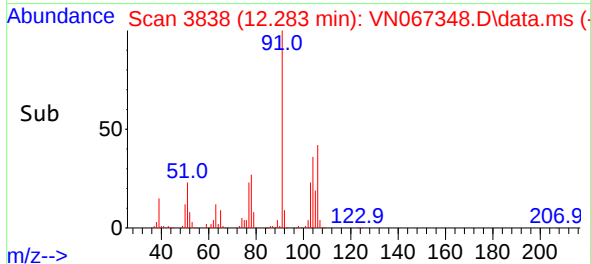
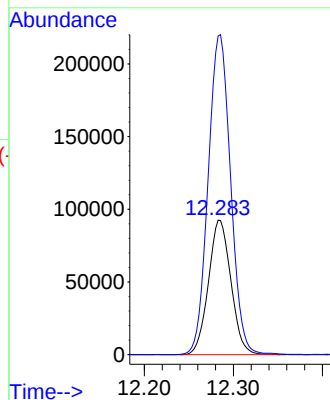
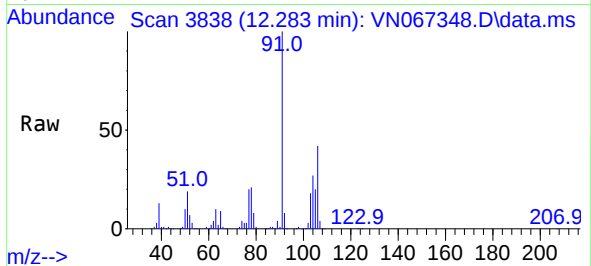
#69  
o-Xylene  
Concen: 19.451 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion:106 Resp: 162266  
Ion Ratio Lower Upper  
106 100  
91 238.1 118.3 354.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
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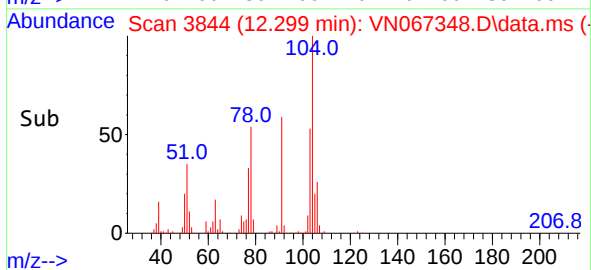
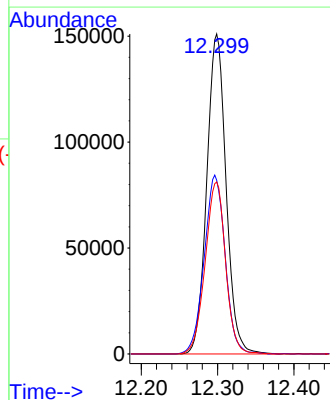
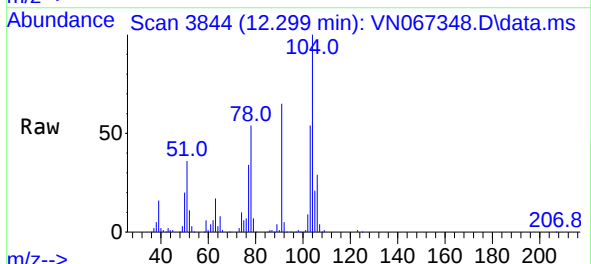
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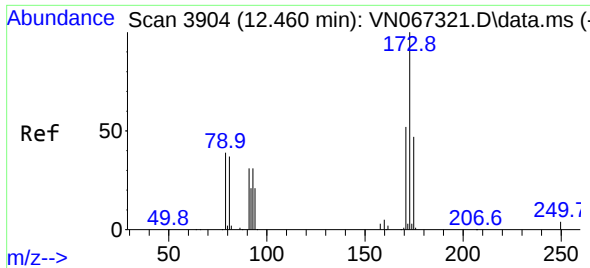
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#70  
Styrene  
Concen: 19.153 ug/l  
RT: 12.299 min Scan# 3844  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion:104 Resp: 265581  
Ion Ratio Lower Upper  
104 100  
78 60.8 48.2 72.2  
103 56.8 44.5 66.7





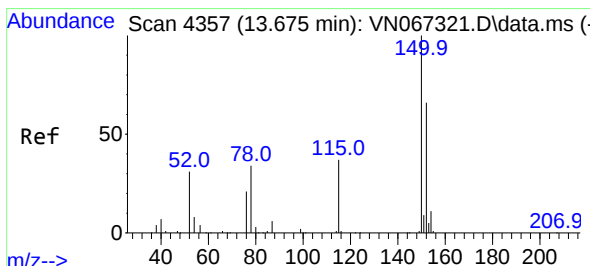
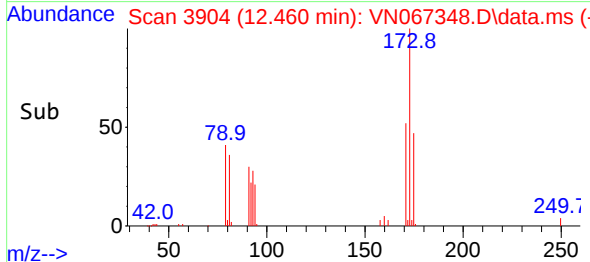
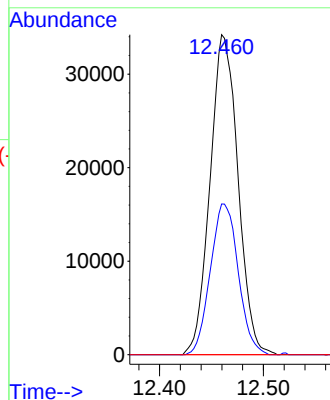
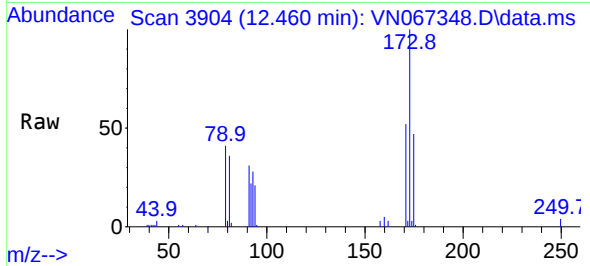
#71  
Bromoform  
Concen: 18.537 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion:173 Resp: 63993  
Ion Ratio Lower Upper  
173 100  
175 47.0 23.9 71.8  
254 0.0 0.0 0.0

Instrument :  
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ClientSampleId :  
VN0615WBSD01

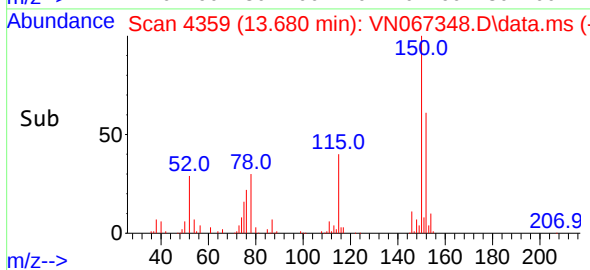
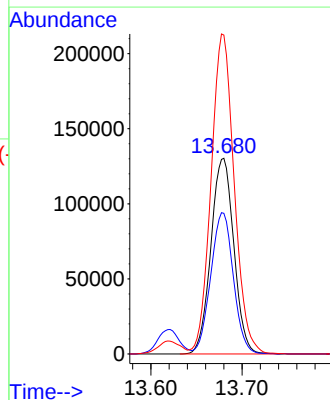
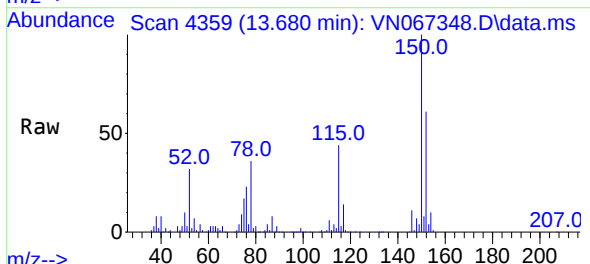
Manual Integrations  
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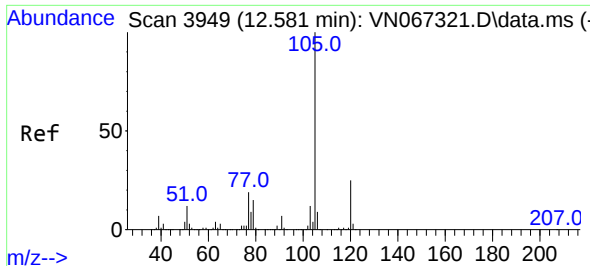
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.680 min Scan# 4359  
Delta R.T. 0.005 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

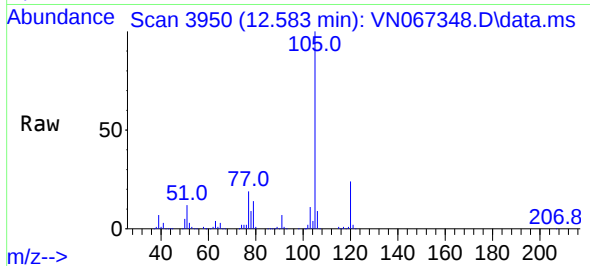
Tgt Ion:152 Resp: 227417  
Ion Ratio Lower Upper  
152 100  
115 71.4 36.1 108.5  
150 165.4 0.0 351.8





#73  
Isopropylbenzene  
Concen: 19.486 ug/l  
RT: 12.583 min Scan# 3950  
Delta R.T. 0.002 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

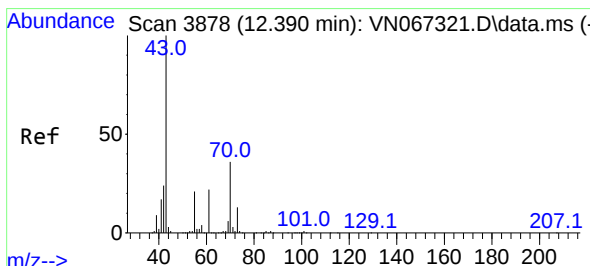
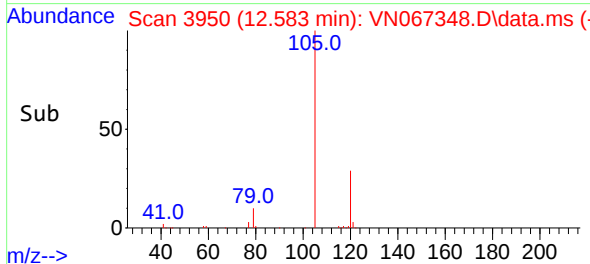
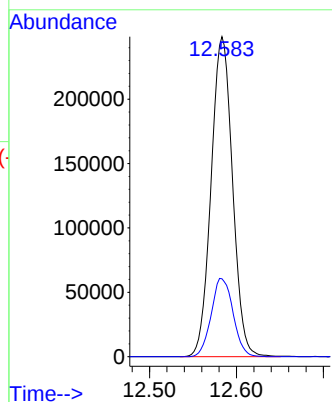
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



Tgt Ion:105 Resp: 425225  
Ion Ratio Lower Upper  
105 100  
120 25.0 12.5 37.5

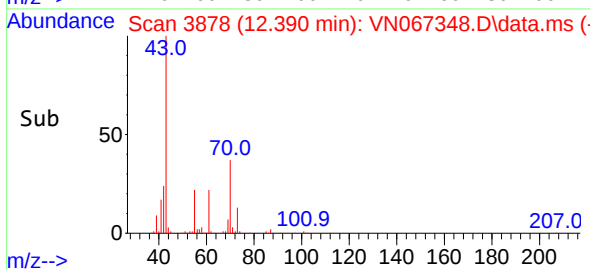
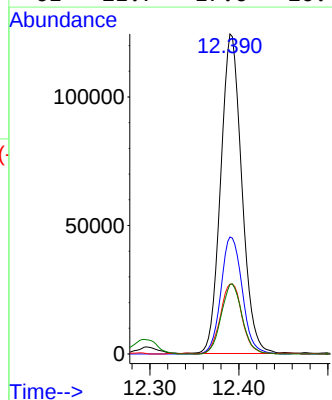
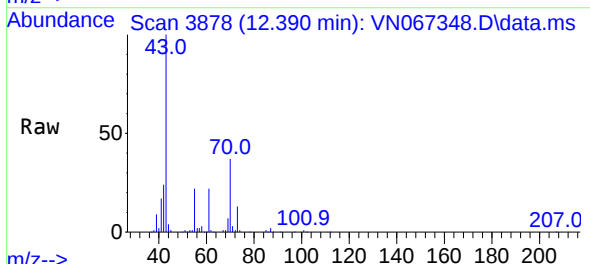
Manual Integrations  
APPROVED

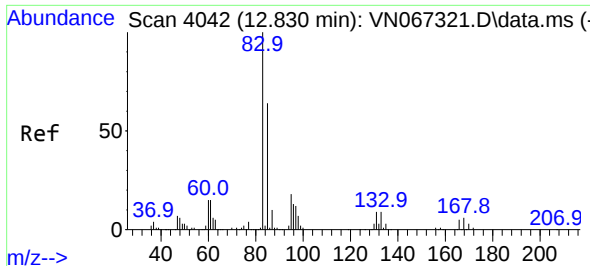
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6/16/2021 5:03:21 PM



#74  
N-ethyl acetate  
Concen: 19.218 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

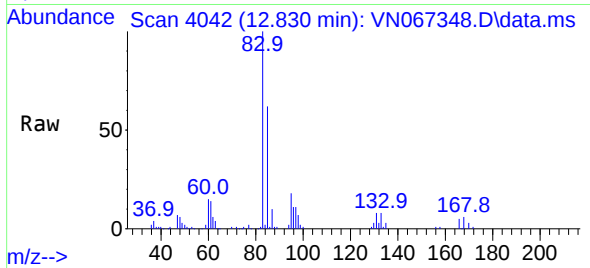
Tgt Ion: 43 Resp: 204741  
Ion Ratio Lower Upper  
43 100  
70 37.0 29.4 44.2  
55 22.5 17.0 25.4  
61 21.7 17.6 26.4





#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.514 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

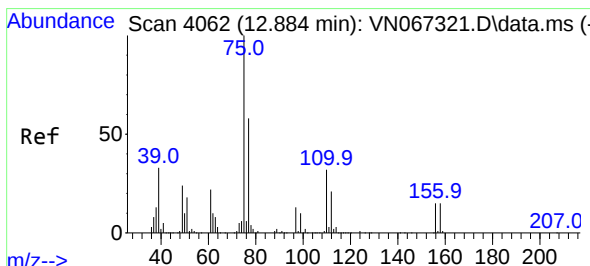
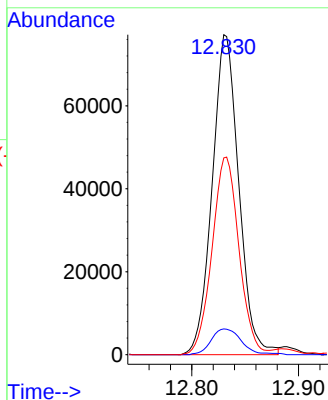
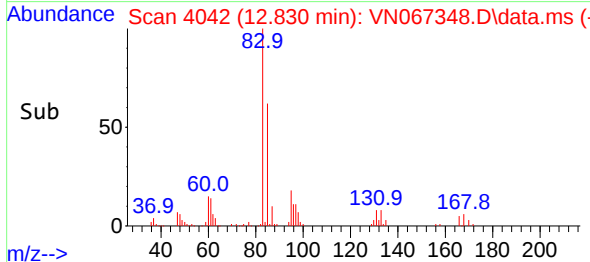
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MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



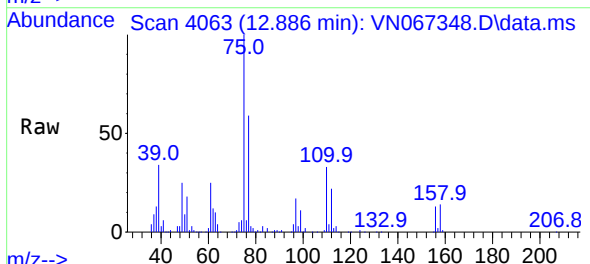
Tgt Ion: 83 Resp: 133460  
Ion Ratio Lower Upper  
83 100  
131 9.2 4.8 14.4  
85 62.4 32.2 96.6

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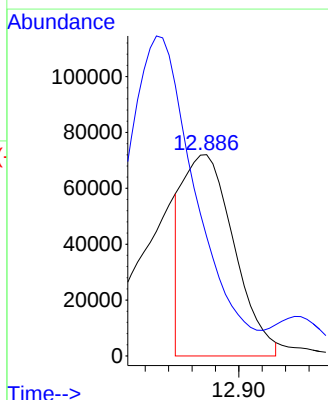
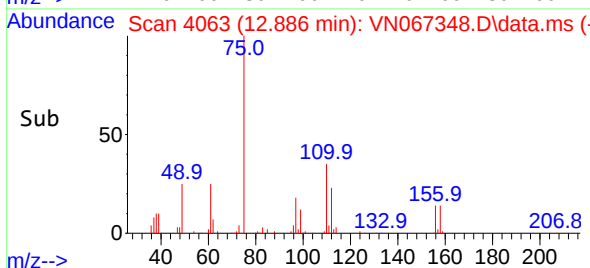
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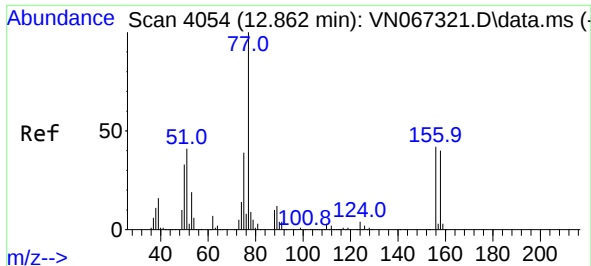


#76  
1,2,3-Trichloropropane  
Concen: 18.476 ug/l m  
RT: 12.886 min Scan# 4063  
Delta R.T. 0.002 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



Tgt Ion: 75 Resp: 109111  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





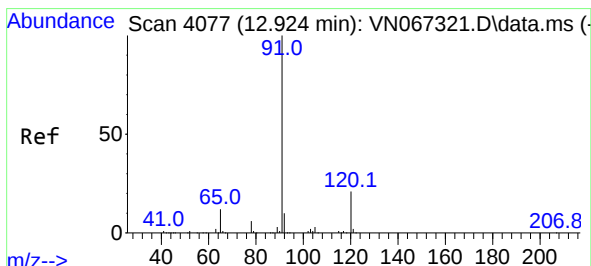
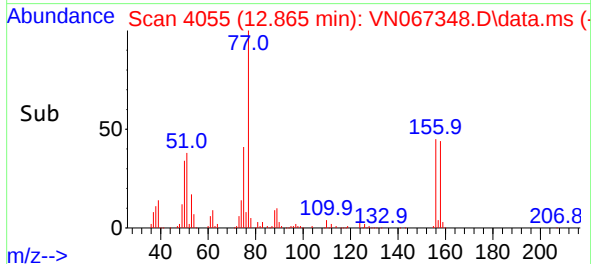
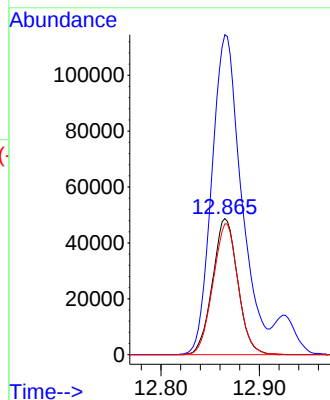
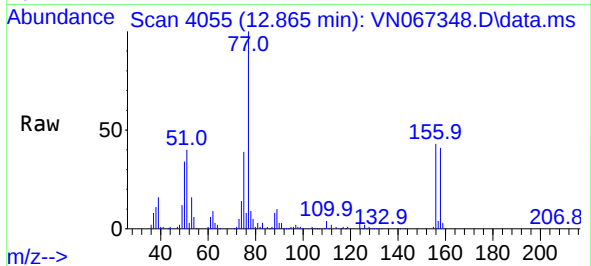
#77  
Bromobenzene  
Concen: 19.505 ug/l  
RT: 12.865 min Scan# 4055  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion:156 Resp: 86678  
Ion Ratio Lower Upper  
156 100  
77 276.6 136.2 408.6  
158 96.2 48.4 145.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

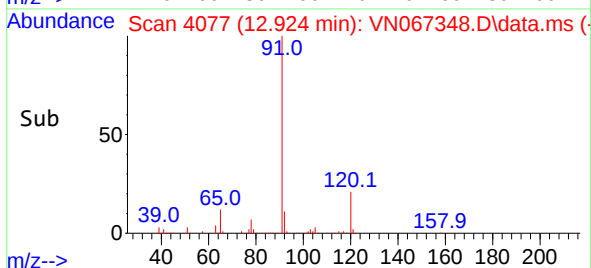
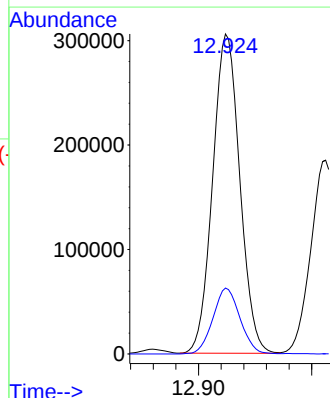
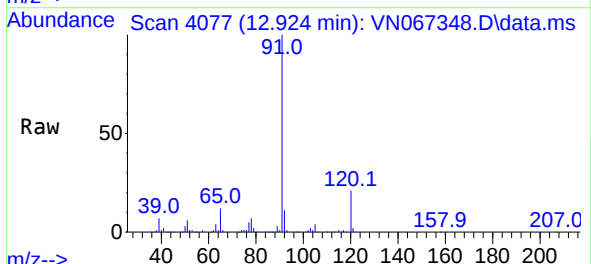
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APPROVED

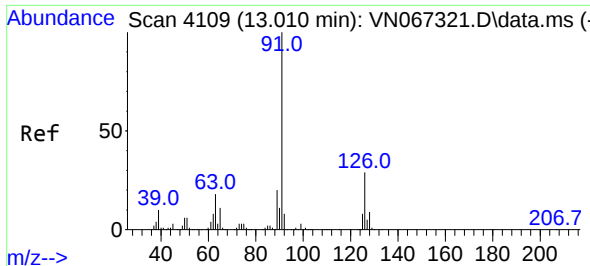
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#78  
n-propylbenzene  
Concen: 19.573 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion: 91 Resp: 508019  
Ion Ratio Lower Upper  
91 100  
120 20.6 10.4 31.4





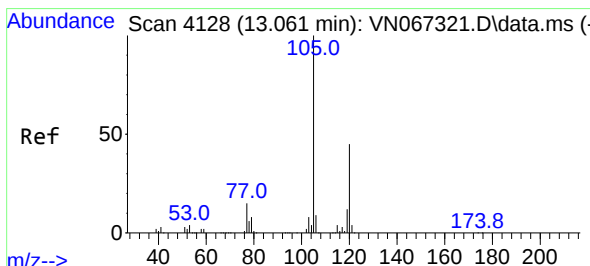
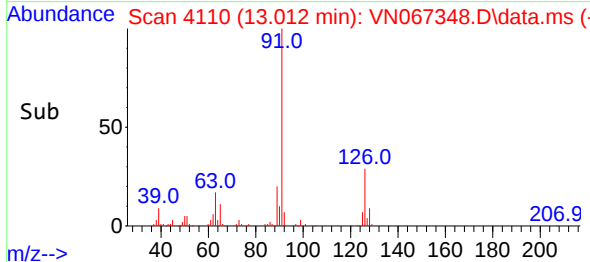
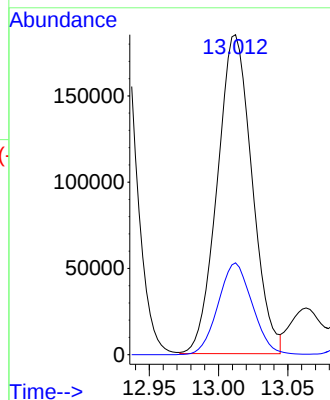
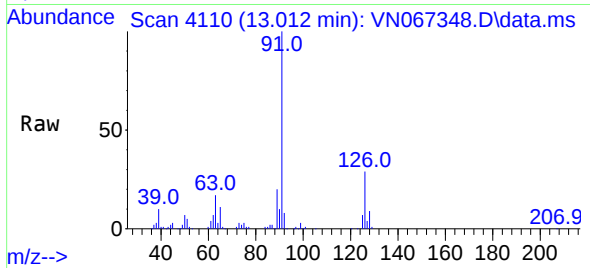
#79  
2-Chlorotoluene  
Concen: 19.974 ug/l  
RT: 13.012 min Scan# 4110  
Delta R.T. 0.002 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

Manual Integrations  
APPROVED

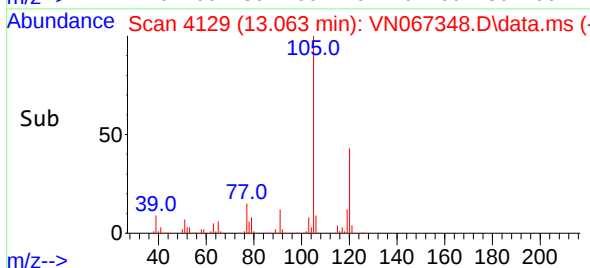
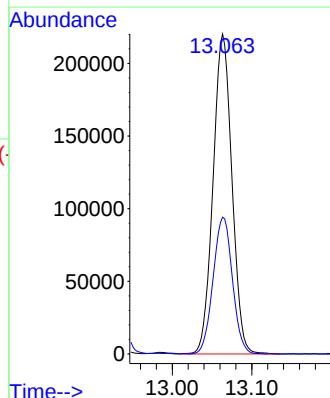
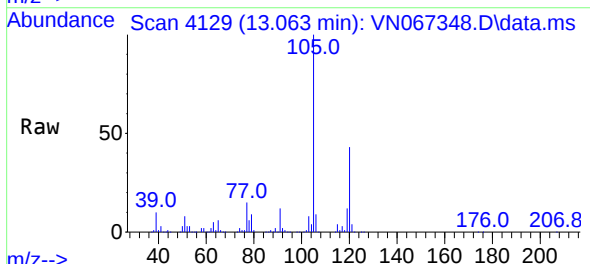
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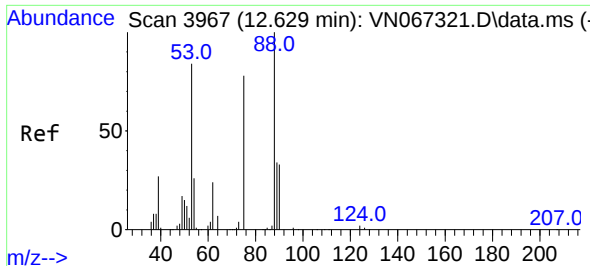
Tgt Ion: 91 Resp: 322813  
Ion Ratio Lower Upper  
91 100  
126 28.4 14.5 43.5



#80  
1,3,5-Trimethylbenzene  
Concen: 19.783 ug/l  
RT: 13.063 min Scan# 4129  
Delta R.T. 0.002 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

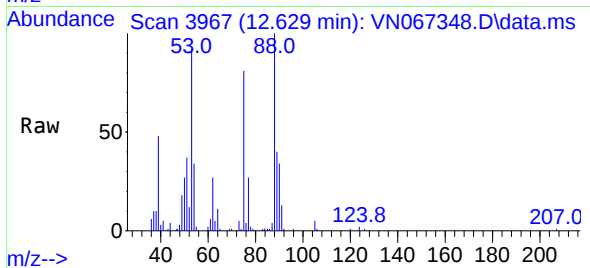
Tgt Ion: 105 Resp: 363664  
Ion Ratio Lower Upper  
105 100  
120 43.7 22.2 66.6





#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.178 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. -0.000 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

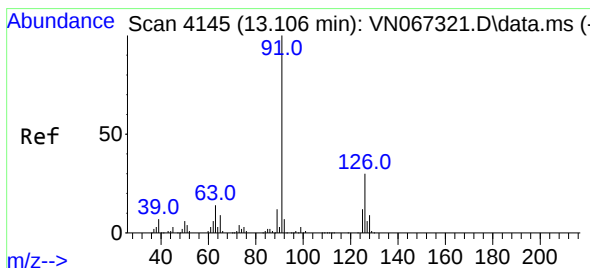
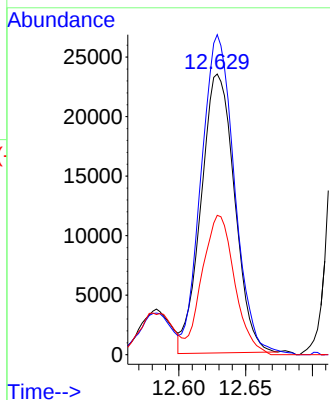
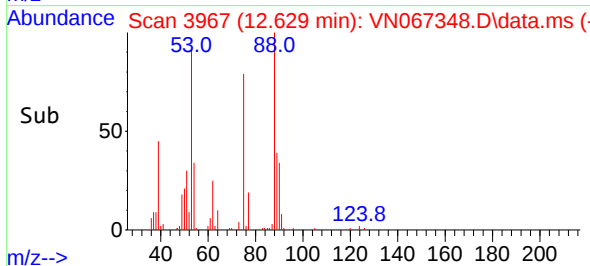
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



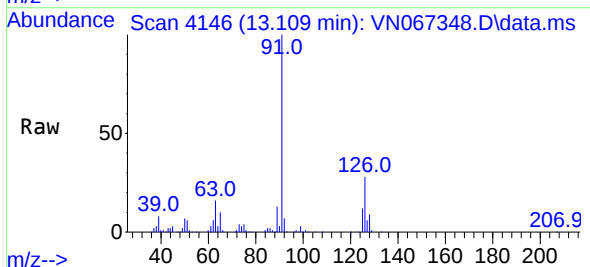
Tgt Ion: 75 Resp: 40934  
Ion Ratio Lower Upper  
75 100  
53 114.2 87.6 131.4  
89 48.1 37.8 56.8

Manual Integrations  
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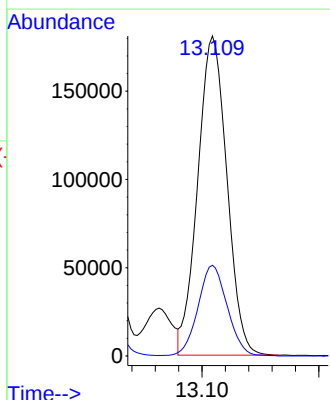
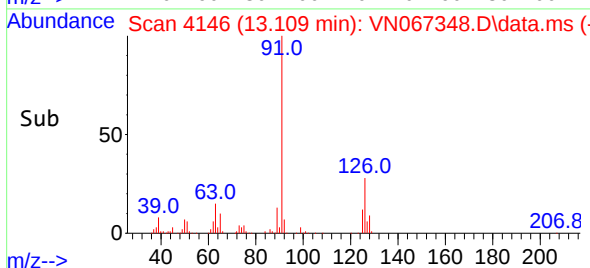
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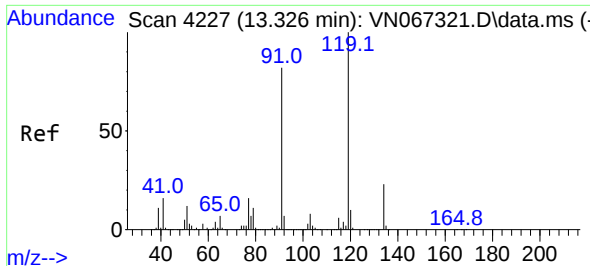


#82  
4-Chlorotoluene  
Concen: 19.455 ug/l  
RT: 13.109 min Scan# 4146  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



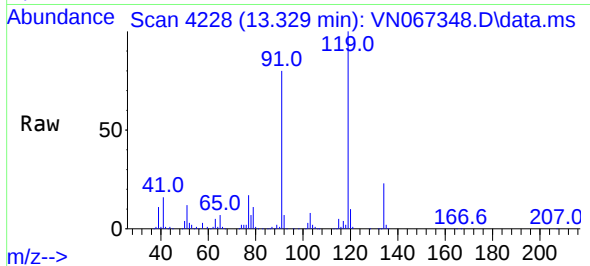
Tgt Ion: 91 Resp: 313057  
Ion Ratio Lower Upper  
91 100  
126 28.6 14.8 44.4





#83  
tert-Butylbenzene  
Concen: 20.000 ug/l  
RT: 13.329 min Scan# 4228  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

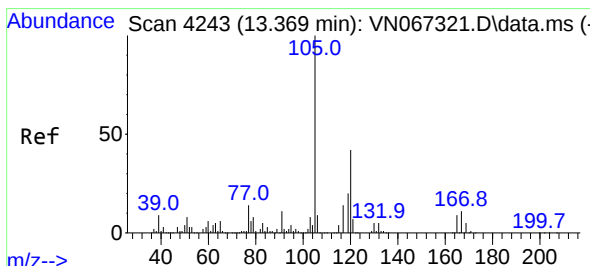
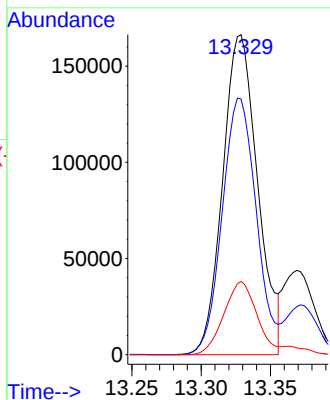
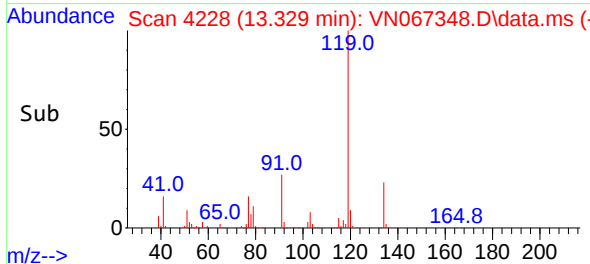
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



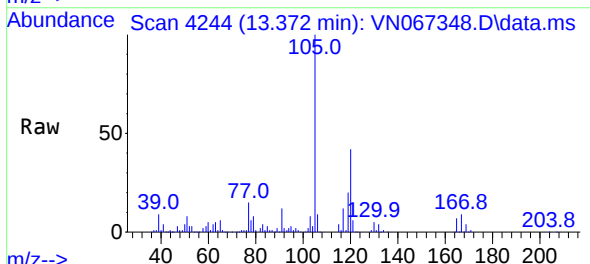
Tgt Ion:119 Resp: 292745  
Ion Ratio Lower Upper  
119 100  
91 78.2 39.5 118.5  
134 21.8 12.0 36.0

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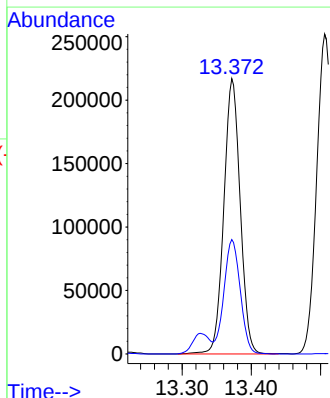
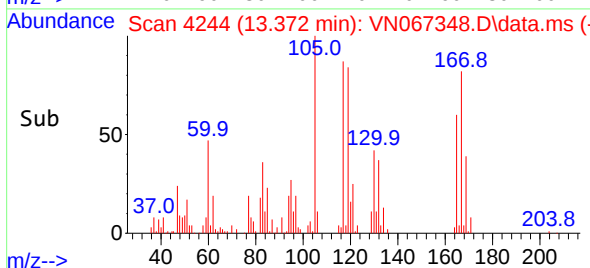
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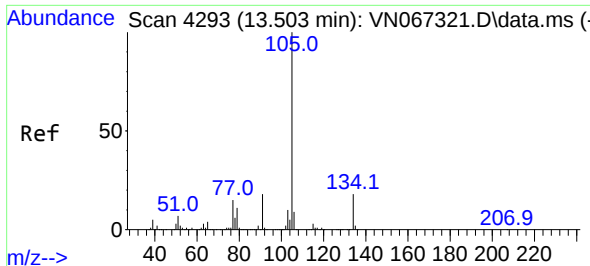


#84  
1,2,4-Trimethylbenzene  
Concen: 19.596 ug/l  
RT: 13.372 min Scan# 4244  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



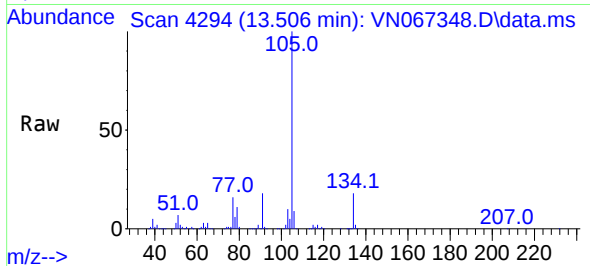
Tgt Ion:105 Resp: 355889  
Ion Ratio Lower Upper  
105 100  
120 41.6 20.6 61.8





#85  
 sec-Butylbenzene  
 Concen: 20.042 ug/l  
 RT: 13.506 min Scan# 4294  
 Delta R.T. 0.003 min  
 Lab File: VN067348.D  
 Acq: 15 Jun 2021 16:00

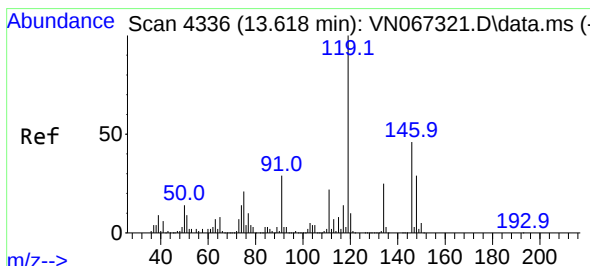
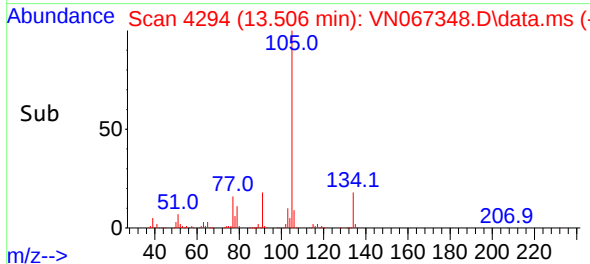
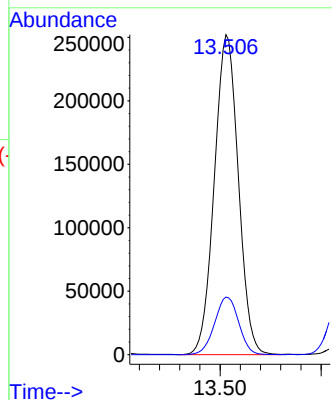
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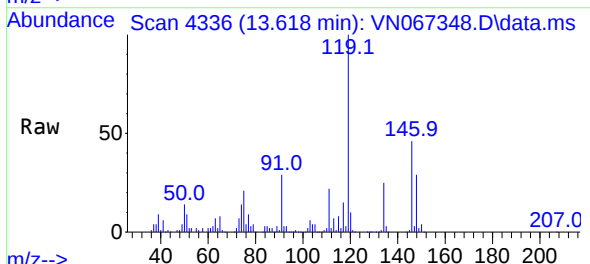
Tgt Ion:105 Resp: 415350  
 Ion Ratio Lower Upper  
 105 100  
 134 18.1 9.0 27.1

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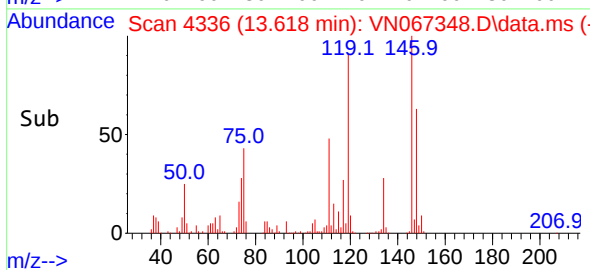
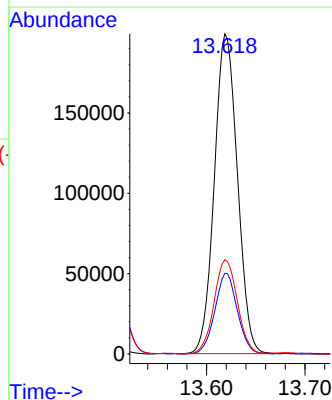
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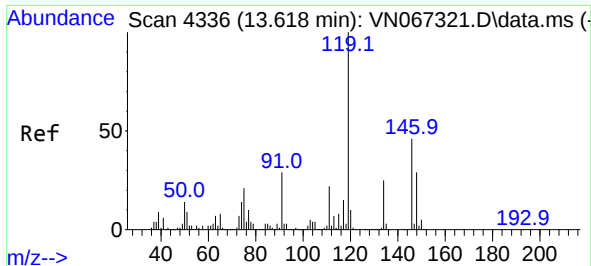


#86  
 p-Isopropyltoluene  
 Concen: 19.409 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN067348.D  
 Acq: 15 Jun 2021 16:00



Tgt Ion:119 Resp: 324628  
 Ion Ratio Lower Upper  
 119 100  
 134 24.6 12.4 37.4  
 91 29.9 14.8 44.3





#87

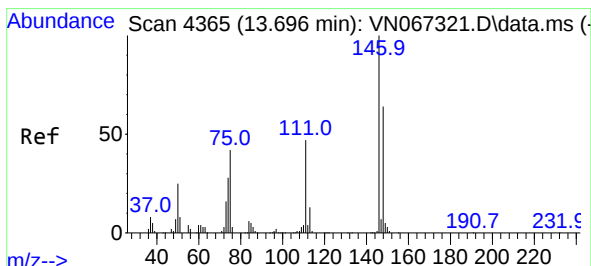
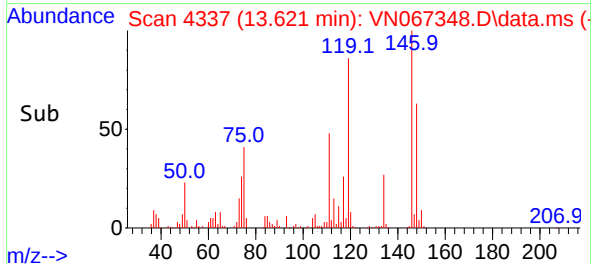
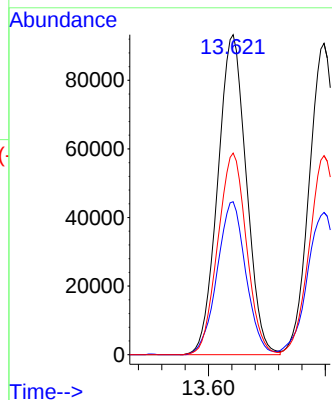
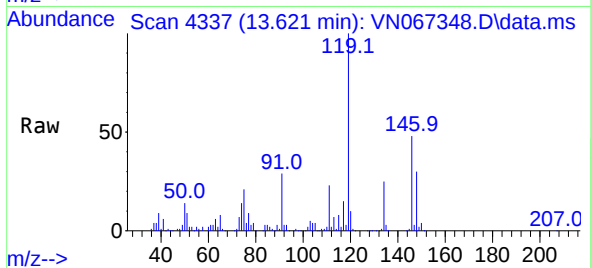
1,3-Dichlorobenzene  
Concen: 19.753 ug/l  
RT: 13.621 min Scan# 4337  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion:146 Resp: 158337  
Ion Ratio Lower Upper  
146 100  
111 48.1 24.3 72.8  
148 63.4 32.0 96.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

Manual Integrations  
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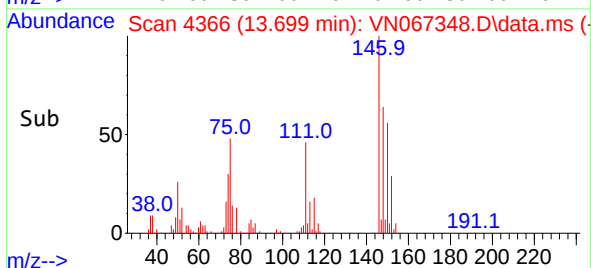
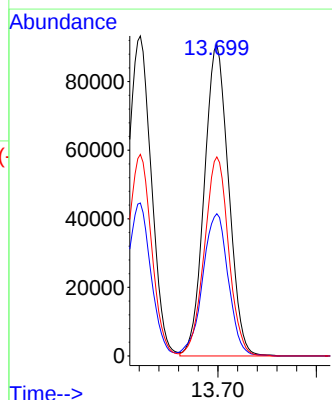
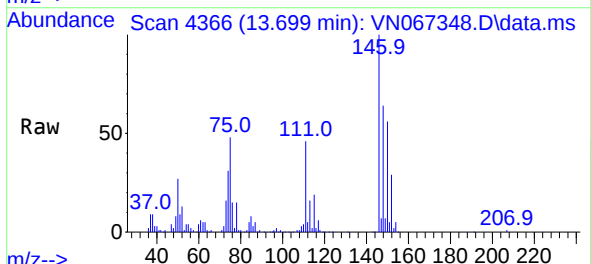
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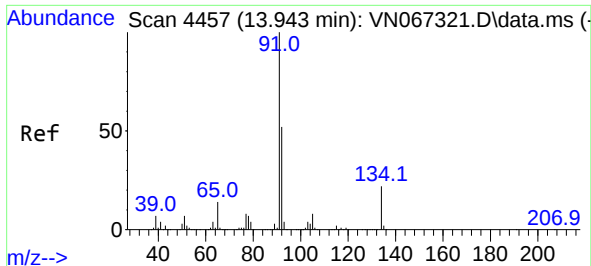


#88

1,4-Dichlorobenzene  
Concen: 19.319 ug/l  
RT: 13.699 min Scan# 4366  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

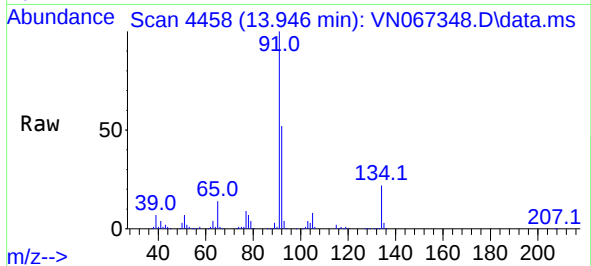
Tgt Ion:146 Resp: 155770  
Ion Ratio Lower Upper  
146 100  
111 48.3 23.4 70.2  
148 64.0 31.8 95.3





#89  
n-Butylbenzene  
Concen: 19.546 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

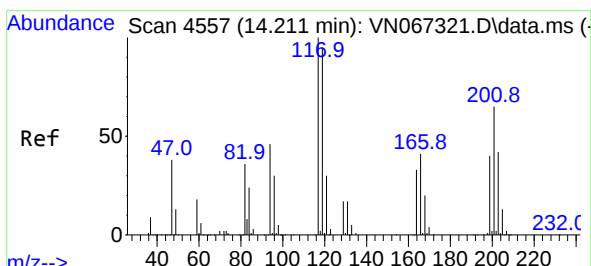
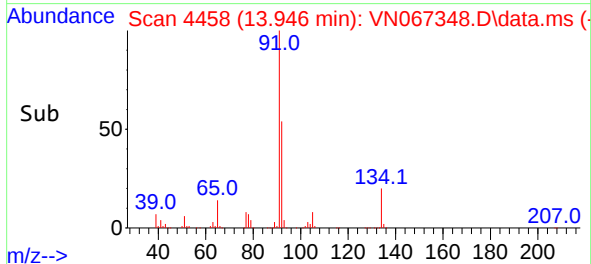
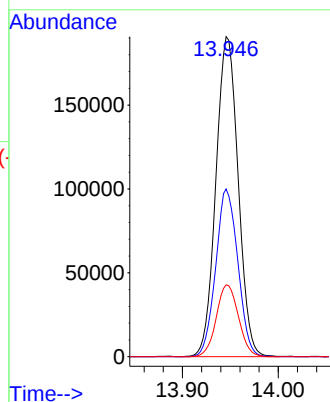
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



Tgt Ion: 91 Resp: 307177  
Ion Ratio Lower Upper  
91 100  
92 52.0 25.7 77.1  
134 22.4 11.2 33.6

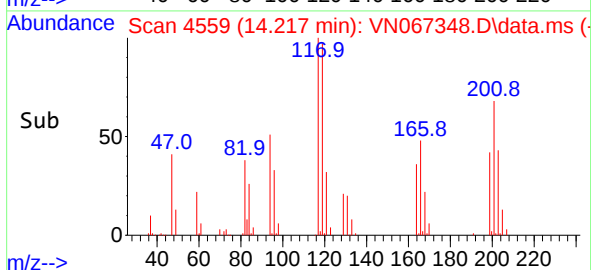
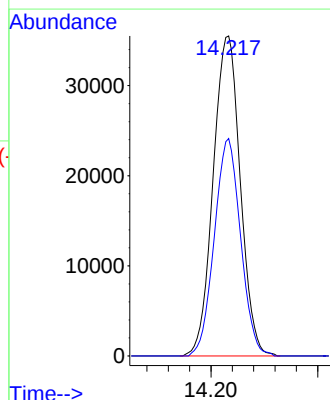
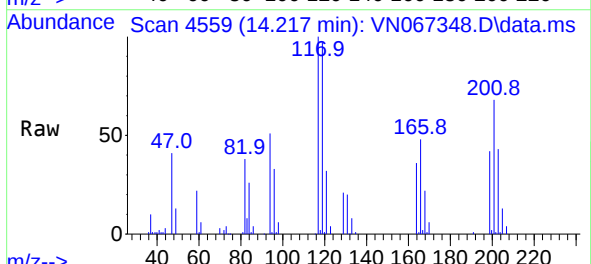
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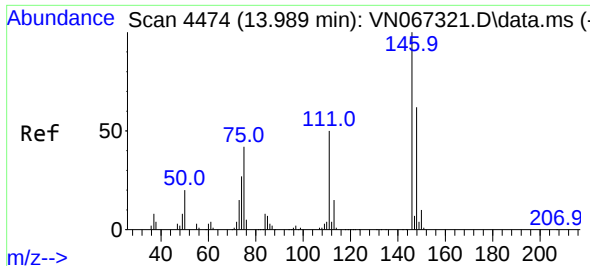
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#90  
Hexachloroethane  
Concen: 19.146 ug/l  
RT: 14.217 min Scan# 4559  
Delta R.T. 0.005 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

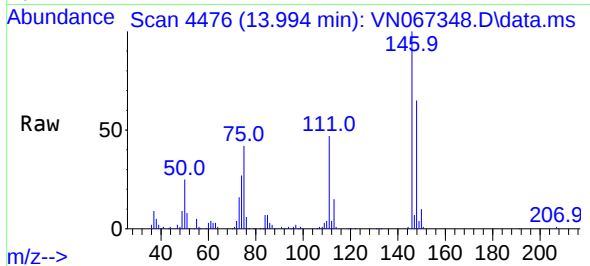
Tgt Ion: 117 Resp: 62622  
Ion Ratio Lower Upper  
117 100  
201 65.8 33.5 100.5





#91  
1,2-Dichlorobenzene  
Concen: 20.138 ug/l  
RT: 13.994 min Scan# 4476  
Delta R.T. 0.005 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

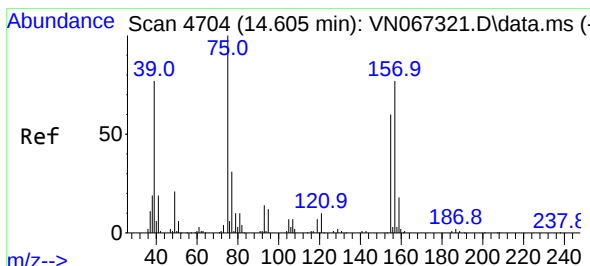
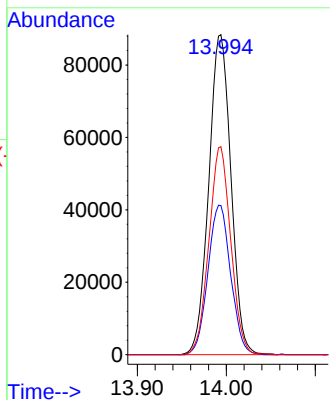
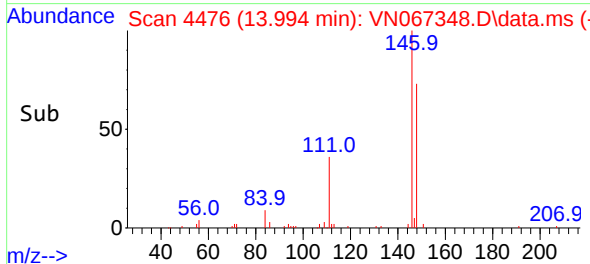
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01



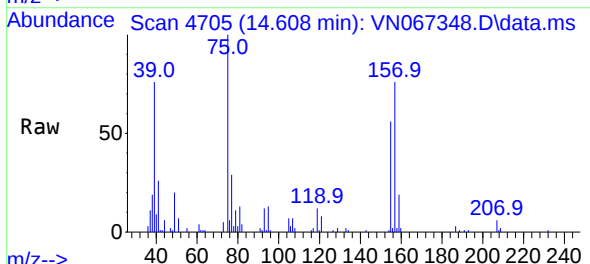
Tgt Ion:146 Resp: 153169  
Ion Ratio Lower Upper  
146 100  
111 47.9 24.9 74.6  
148 64.0 31.6 95.0

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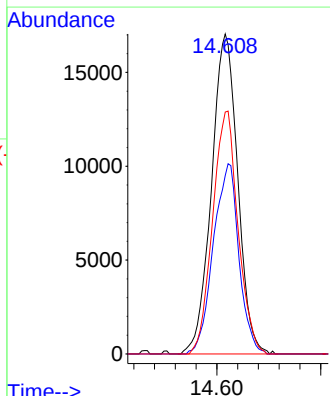
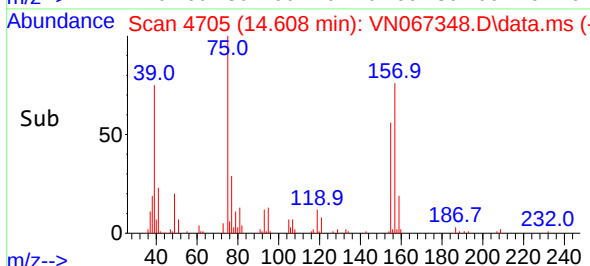
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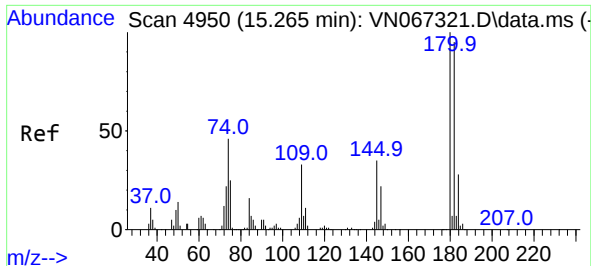


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.376 ug/l  
RT: 14.608 min Scan# 4705  
Delta R.T. 0.003 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00



Tgt Ion: 75 Resp: 29886  
Ion Ratio Lower Upper  
75 100  
155 57.9 29.8 89.5  
157 73.6 37.6 112.8





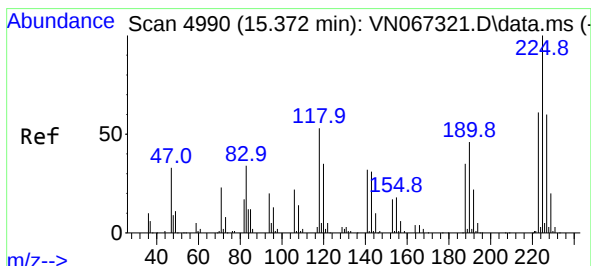
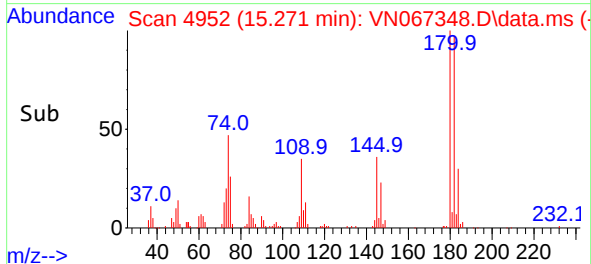
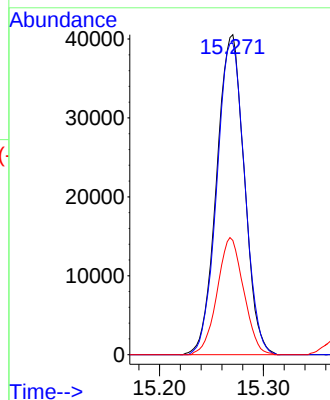
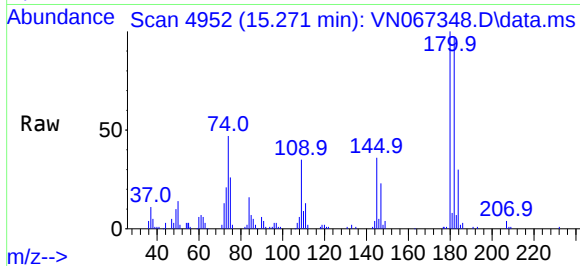
#93  
1,2,4-Trichlorobenzene  
Concen: 18.897 ug/l  
RT: 15.271 min Scan# 4952  
Delta R.T. 0.005 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion:180 Resp: 75042  
Ion Ratio Lower Upper  
180 100  
182 98.1 47.5 142.5  
145 35.0 17.2 51.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

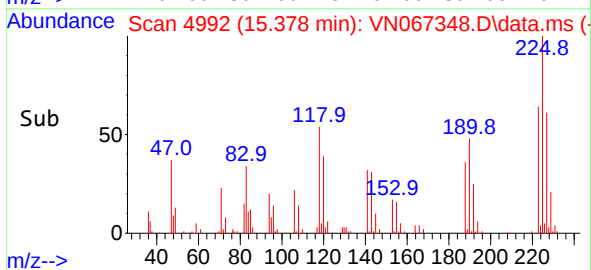
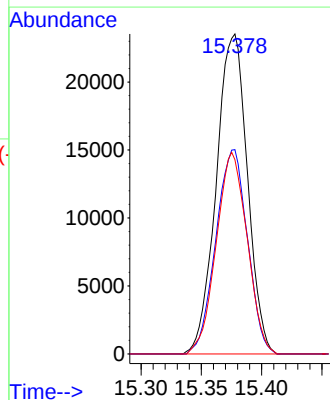
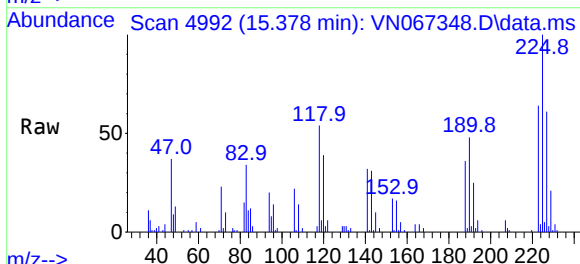
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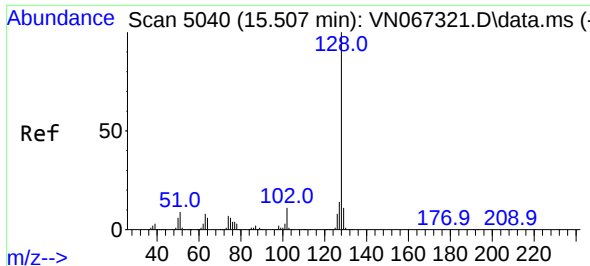
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#94  
Hexachlorobutadiene  
Concen: 18.548 ug/l  
RT: 15.378 min Scan# 4992  
Delta R.T. 0.006 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

Tgt Ion:225 Resp: 42297  
Ion Ratio Lower Upper  
225 100  
223 64.8 31.4 94.0  
227 62.5 31.2 93.6





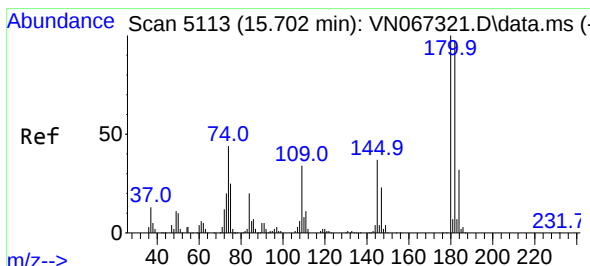
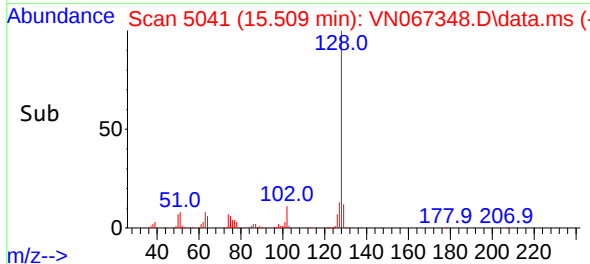
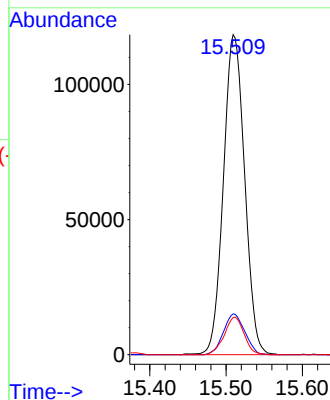
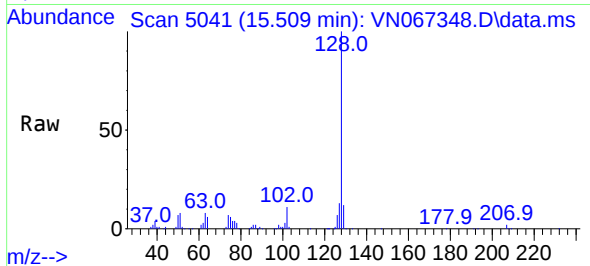
#95  
Naphthalene  
Concen: 18.309 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 228827 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.6  | 15.8   |
| 129       | 11.0  | 8.6   | 12.8   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0615WBSD01

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#96  
1,2,3-Trichlorobenzene  
Concen: 18.815 ug/l  
RT: 15.710 min Scan# 5116  
Delta R.T. 0.008 min  
Lab File: VN067348.D  
Acq: 15 Jun 2021 16:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 71727 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.6  | 47.8  | 143.3 |
| 145       | 36.3  | 18.2  | 54.6  |

