

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101921\  
 Data File : VN069043.D  
 Acq On : 19 Oct 2021 23:16  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/20/2021 5:47:28 PM

Quant Time: Oct 20 05:51:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.088  | 168   | 292260   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.971  | 114   | 533808   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.747 | 117   | 510956   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.678 | 152   | 224414   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.437  | 65    | 216062   | 56.071   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | = 112.140% |          |
| 35) Dibromofluoromethane     | 8.024  | 113   | 165760   | 53.372   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | = 106.740% |          |
| 50) Toluene-d8               | 10.443 | 98    | 674200   | 54.255   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | = 108.500% |          |
| 62) 4-Bromofluorobenzene     | 12.733 | 95    | 266121   | 56.762   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | = 113.520% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.073  | 85    | 161357   | 44.478   | ug/l       | 99       |
| 3) Chloromethane             | 2.301  | 50    | 179482   | 50.244   | ug/l       | 100      |
| 4) Vinyl Chloride            | 2.443  | 62    | 209776   | 57.816   | ug/l       | 99       |
| 5) Bromomethane              | 2.824  | 94    | 139065   | 69.680   | ug/l       | 98       |
| 6) Chloroethane              | 2.998  | 64    | 135747   | 63.484   | ug/l       | 97       |
| 7) Trichlorofluoromethane    | 3.365  | 101   | 268688   | 52.884   | ug/l       | 99       |
| 8) Diethyl Ether             | 3.827  | 74    | 100387   | 52.971   | ug/l       | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 4.210  | 101   | 144558   | 52.915   | ug/l       | 99       |
| 10) Methyl Iodide            | 4.422  | 142   | 198950   | 50.175   | ug/l       | 99       |
| 11) Tert butyl alcohol       | 5.366  | 59    | 182718   | 259.503  | ug/l       | 100      |
| 12) 1,1-Dichloroethene       | 4.183  | 96    | 142359   | 50.411   | ug/l       | 100      |
| 13) Acrolein                 | 4.044  | 56    | 96560    | 310.006  | ug/l       | 98       |
| 14) Allyl chloride           | 4.843  | 41    | 248554   | 49.098   | ug/l       | 97       |
| 15) Acrylonitrile            | 5.554  | 53    | 435427   | 275.987  | ug/l       | 99       |
| 16) Acetone                  | 4.285  | 43    | 354159   | 246.287  | ug/l       | 99       |
| 17) Carbon Disulfide         | 4.532  | 76    | 364162   | 47.515   | ug/l       | 100      |
| 18) Methyl Acetate           | 4.851  | 43    | 306948   | 56.276   | ug/l       | 98       |
| 19) Methyl tert-butyl Ether  | 5.616  | 73    | 568083   | 54.025   | ug/l       | 99       |
| 20) Methylene Chloride       | 5.098  | 84    | 174311   | 52.666   | ug/l       | 97       |
| 21) trans-1,2-Dichloroethene | 5.599  | 96    | 153067   | 50.171   | ug/l       | 99       |
| 22) Diisopropyl ether        | 6.498  | 45    | 563458   | 53.522   | ug/l       | 97       |
| 23) Vinyl Acetate            | 6.434  | 43    | 2125861  | 267.109  | ug/l       | 99       |
| 24) 1,1-Dichloroethane       | 6.388  | 63    | 304978   | 53.318   | ug/l       | 99       |
| 25) 2-Butanone               | 7.335  | 43    | 591248   | 271.902  | ug/l       | 97       |
| 26) 2,2-Dichloropropane      | 7.327  | 77    | 235963   | 43.287   | ug/l       | 100      |
| 27) cis-1,2-Dichloroethene   | 7.327  | 96    | 191729   | 51.987   | ug/l       | 98       |
| 28) Bromochloromethane       | 7.659  | 49    | 129781   | 50.096   | ug/l       | 98       |
| 29) Tetrahydrofuran          | 7.683  | 42    | 397628   | 281.912  | ug/l       | 97       |
| 30) Chloroform               | 7.820  | 83    | 332323   | 55.129   | ug/l       | 100      |
| 31) Cyclohexane              | 8.096  | 56    | 279665   | 46.678   | ug/l       | 96       |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 299007   | 53.209   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 8.222  | 75    | 234548   | 51.441   | ug/l       | 99       |
| 37) Ethyl Acetate            | 7.412  | 43    | 249279   | 52.936   | ug/l       | 100      |
| 38) Carbon Tetrachloride     | 8.209  | 117   | 253578   | 50.639   | ug/l       | 99       |
| 39) Methylcyclohexane        | 9.461  | 83    | 287171   | 48.934   | ug/l       | 97       |
| 40) Benzene                  | 8.461  | 78    | 723366   | 52.100   | ug/l       | 100      |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

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 10/20/2021 5:47:28 PM

Quant Time: Oct 20 05:51:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 125525   | 52.880   | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 267678   | 54.444   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.563  | 43   | 455453   | 54.816   | ug/l   | 99       |
| 44) Trichloroethene           | 9.217  | 130  | 175622   | 50.541   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 187753   | 52.114   | ug/l   | 99       |
| 46) Dibromomethane            | 9.579  | 93   | 131293   | 53.387   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.765  | 83   | 269174   | 52.818   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.561  | 41   | 191931   | 49.163   | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 76207    | 1001.495 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 1344138  | 278.998  | ug/l   | 99       |
| 52) Toluene                   | 10.507 | 92   | 482051   | 53.965   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 295392   | 51.170   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 305574   | 50.876   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 191358   | 54.335   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 322953   | 54.616   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.047 | 76   | 320949   | 55.267   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 425286   | 244.908  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.087 | 43   | 991349   | 286.936  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.240 | 129  | 206545   | 51.957   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.350 | 107  | 201175   | 55.690   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.979 | 164  | 148540   | 45.128   | ug/l   | 94       |
| 65) Chlorobenzene             | 11.771 | 112  | 516208   | 53.389   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 195242   | 51.592   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.846 | 91   | 958888   | 53.390   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.956 | 106  | 719762   | 105.716  | ug/l   | 99       |
| 69) o-Xylene                  | 12.283 | 106  | 361799   | 53.089   | ug/l   | 98       |
| 70) Styrene                   | 12.296 | 104  | 616524   | 55.575   | ug/l   | 100      |
| 71) Bromoform                 | 12.460 | 173  | 150641   | 49.691   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.581 | 105  | 969345   | 51.895   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.390 | 43   | 383346   | 54.169   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 303685   | 56.258   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 269695m  | 56.482   | ug/l   |          |
| 77) Bromobenzene              | 12.862 | 156  | 216183   | 52.339   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.924 | 91   | 1105472  | 52.663   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 683273   | 52.810   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 803465   | 51.642   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 95332    | 47.766   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 671186   | 53.683   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 699716   | 51.663   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 788880   | 52.625   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 997830   | 53.197   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.619 | 119  | 800767   | 53.225   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.619 | 146  | 380827   | 53.303   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 367724   | 51.858   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.946 | 91   | 659307   | 52.640   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.214 | 117  | 156684   | 49.577   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 365074   | 52.602   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 54527    | 52.391   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 162888   | 43.570   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.373 | 225  | 89761    | 45.421   | ug/l   | 99       |
| 95) Naphthalene               | 15.507 | 128  | 467923   | 45.316   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 158771   | 44.560   | ug/l   | 99       |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 10/20/2021 5:47:28 PM

Quant Time: Oct 20 05:51:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 13 05:44:40 2021  
 Response via : Initial Calibration

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

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

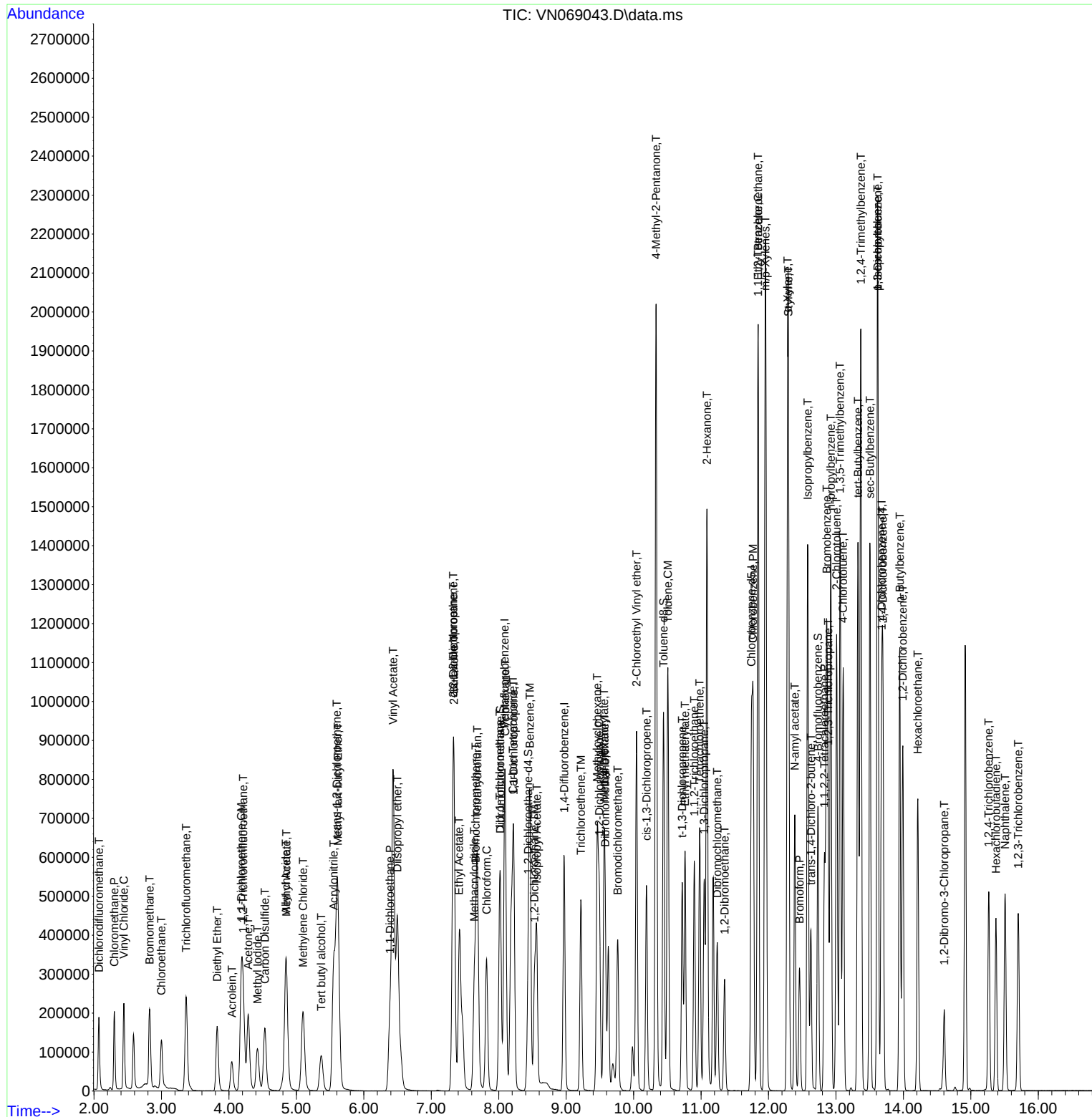
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Data File : VN069043.D  
Acq On : 19 Oct 2021 23:16  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 28 Sample Multiplier: 1

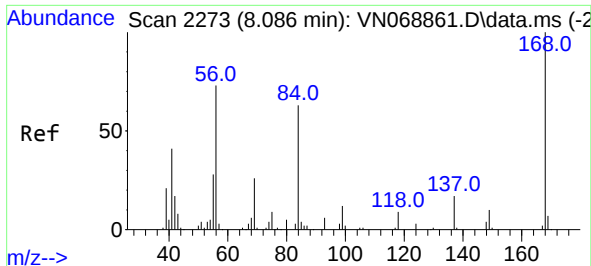
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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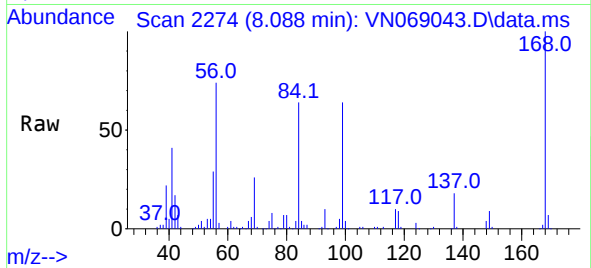
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101221W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 13 05:44:40 2021  
Response via : Initial Calibration

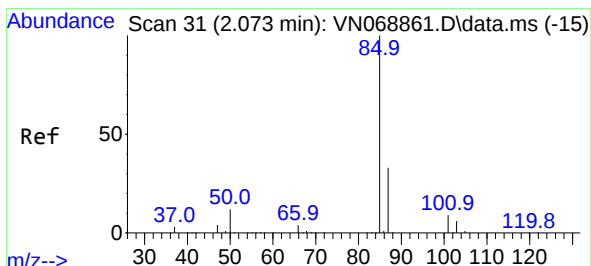
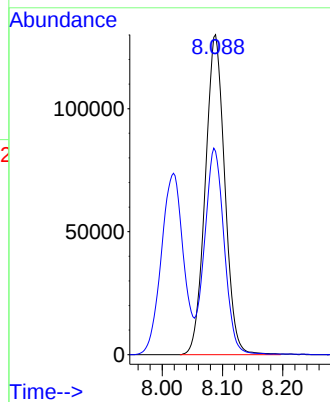
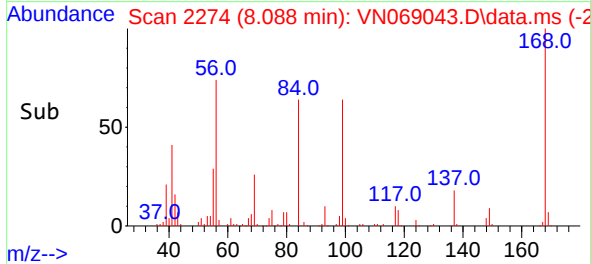




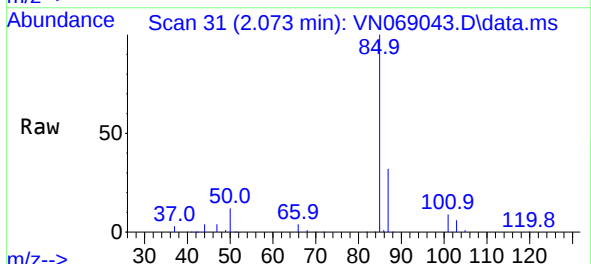
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



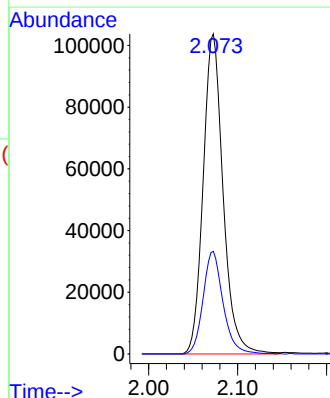
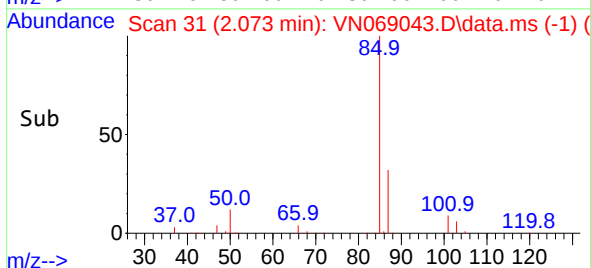
Tgt Ion:168 Resp: 292260  
Ion Ratio Lower Upper  
168 100  
99 63.4 48.9 73.3



#2  
Dichlorodifluoromethane  
Concen: 44.478 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



Tgt Ion: 85 Resp: 161357  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.3 48.8



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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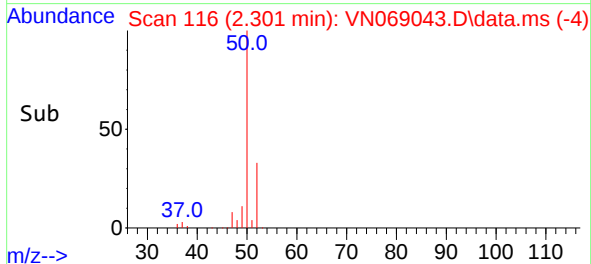
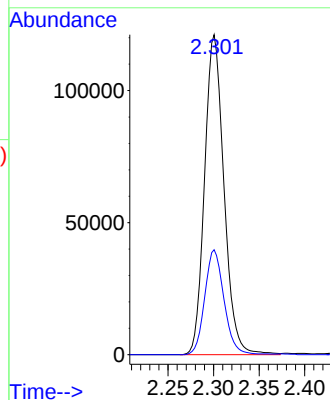
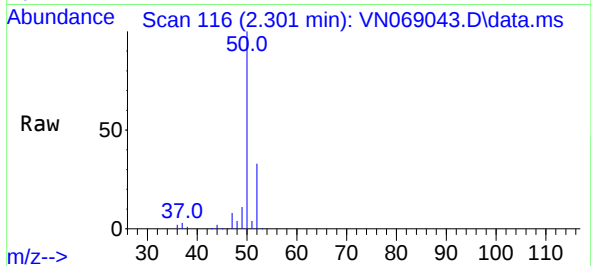
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Chloromethane  
Concen: 50.244 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 50 Resp: 179482  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.3 39.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

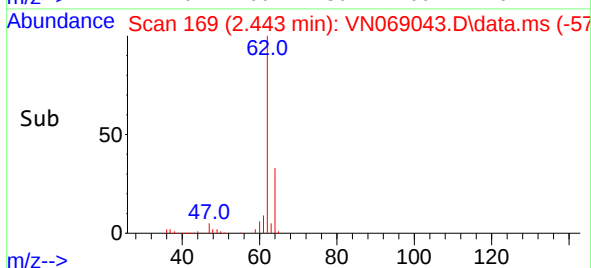
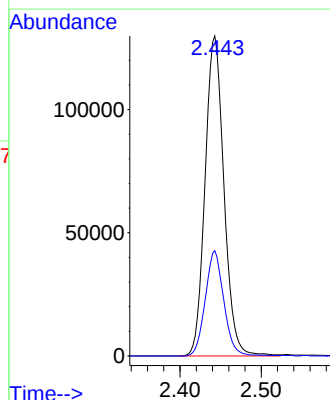
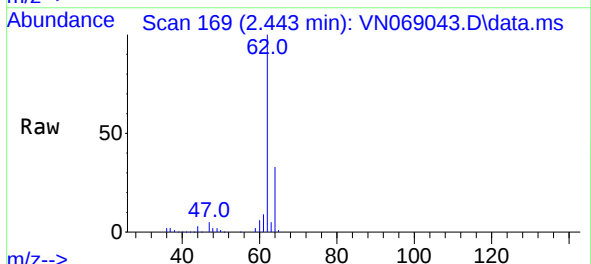
Manual Integrations  
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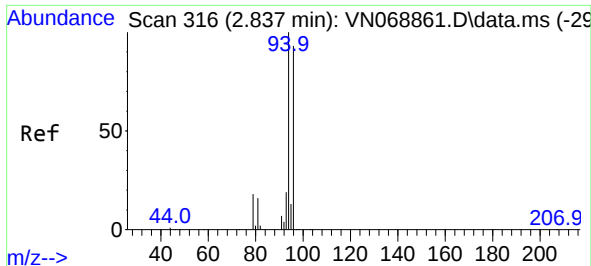
MMDadoda  
10/20/2021 5:47:28 PM



#4  
Vinyl Chloride  
Concen: 57.816 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

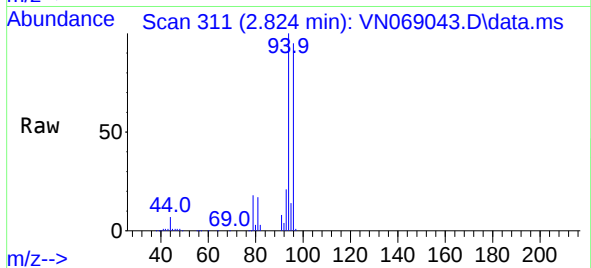
Tgt Ion: 62 Resp: 209776  
Ion Ratio Lower Upper  
62 100  
64 32.9 25.7 38.5





#5  
Bromomethane  
Concen: 69.680 ug/l  
RT: 2.824 min Scan# 311  
Delta R.T. -0.013 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

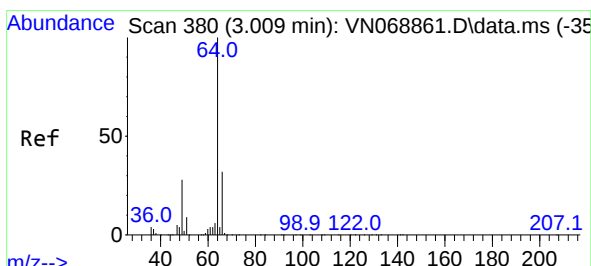
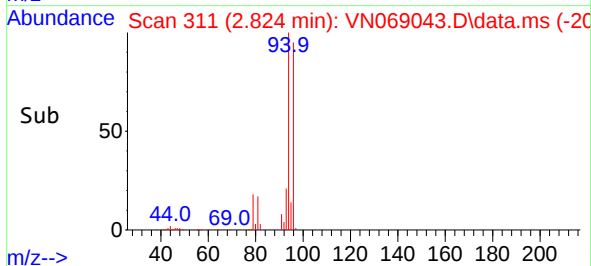
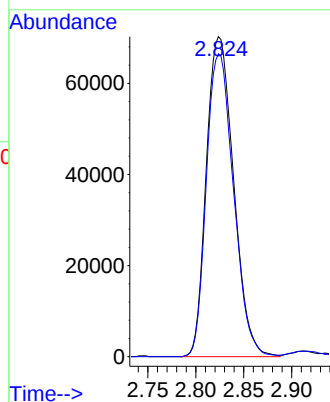
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 94 Resp: 139065  
Ion Ratio Lower Upper  
94 100  
96 94.6 74.2 111.4

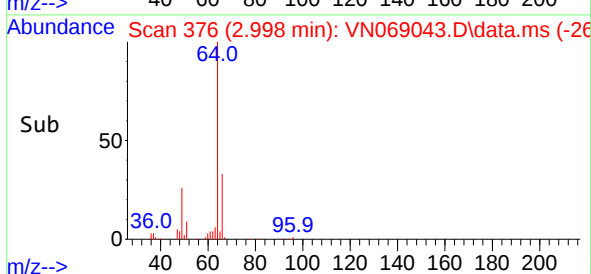
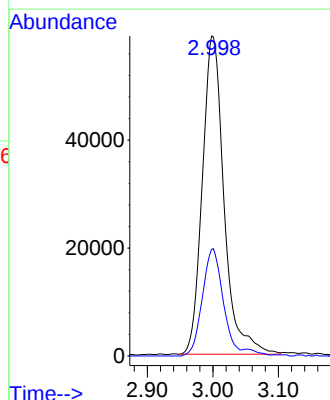
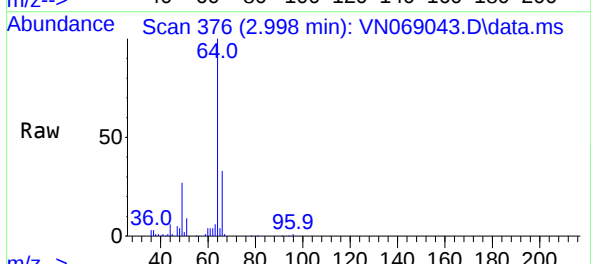
Manual Integrations  
APPROVED

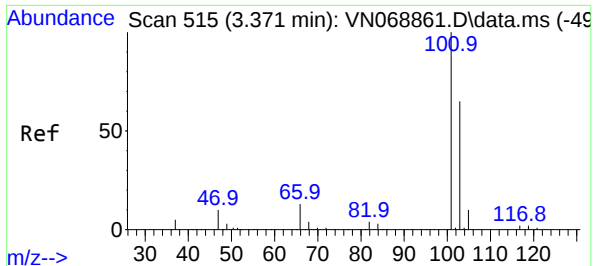
MMDadoda  
10/20/2021 5:47:28 PM



#6  
Chloroethane  
Concen: 63.484 ug/l  
RT: 2.998 min Scan# 376  
Delta R.T. -0.011 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 64 Resp: 135747  
Ion Ratio Lower Upper  
64 100  
66 33.5 25.6 38.4





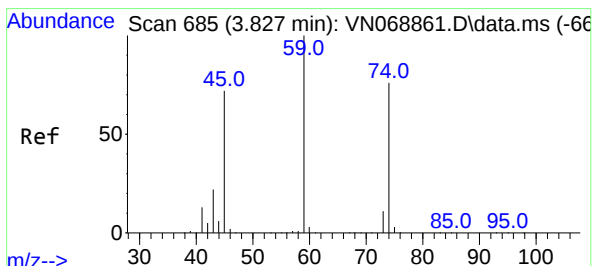
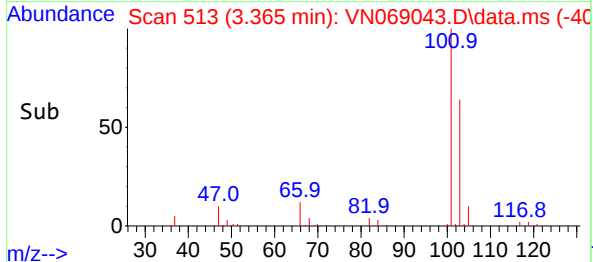
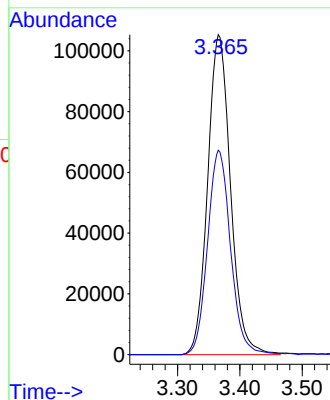
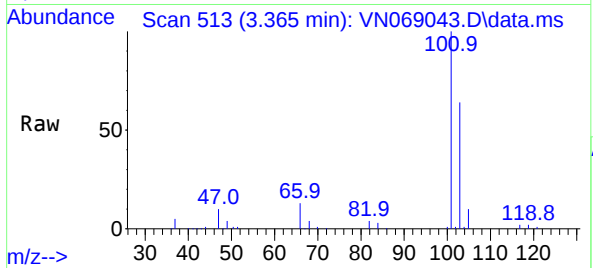
#7  
 Trichlorofluoromethane  
 Concen: 52.884 ug/l  
 RT: 3.365 min Scan# 513  
 Delta R.T. -0.005 min  
 Lab File: VN069043.D  
 Acq: 19 Oct 2021 23:16

Tgt Ion:101 Resp: 268688  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 51.7 77.5

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

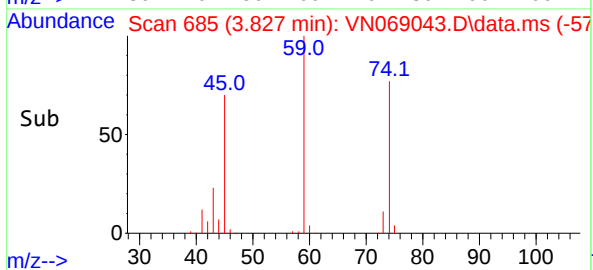
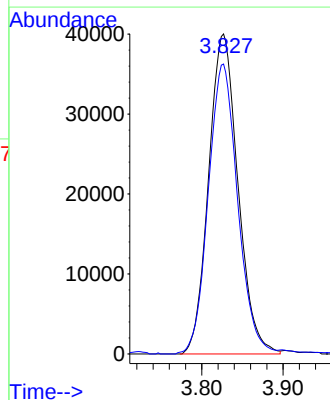
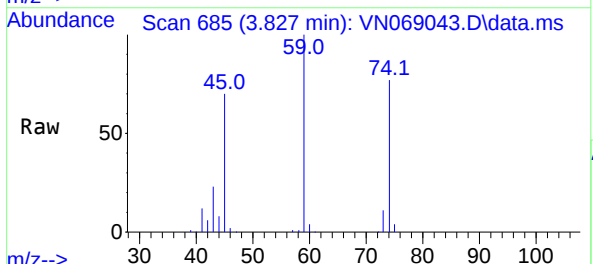
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#8  
 Diethyl Ether  
 Concen: 52.971 ug/l  
 RT: 3.827 min Scan# 685  
 Delta R.T. 0.000 min  
 Lab File: VN069043.D  
 Acq: 19 Oct 2021 23:16

Tgt Ion: 74 Resp: 100387  
 Ion Ratio Lower Upper  
 74 100  
 45 90.7 47.0 141.2





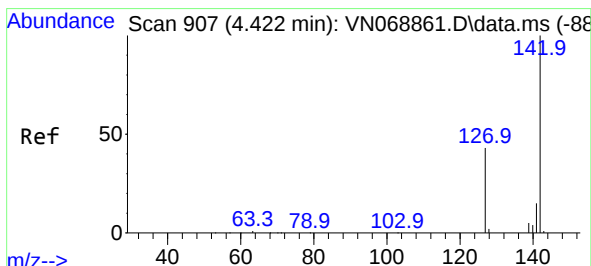
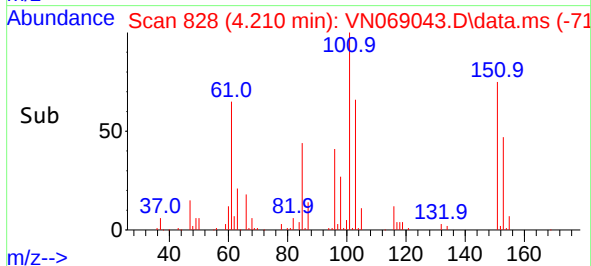
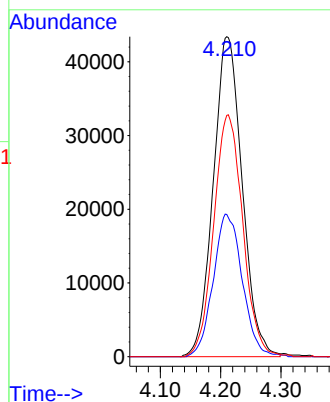
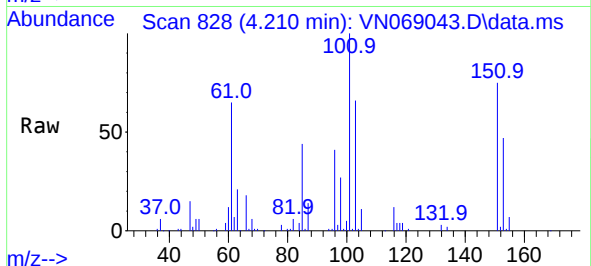
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.915 ug/l  
RT: 4.210 min Scan# 828  
Delta R.T. -0.005 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion:101 Resp: 144558  
Ion Ratio Lower Upper  
101 100  
85 44.9 37.2 55.8  
151 75.9 61.1 91.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

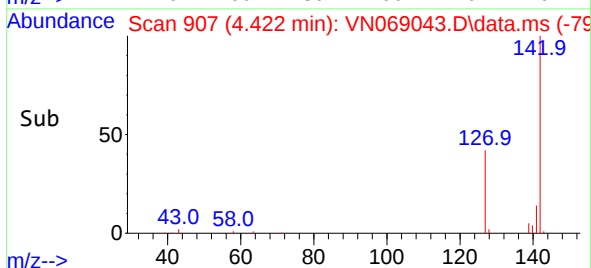
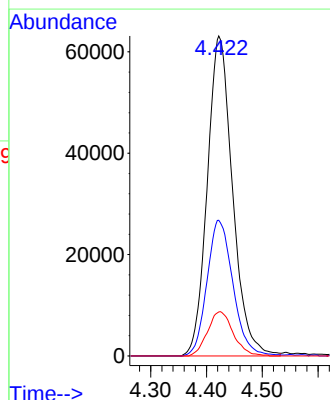
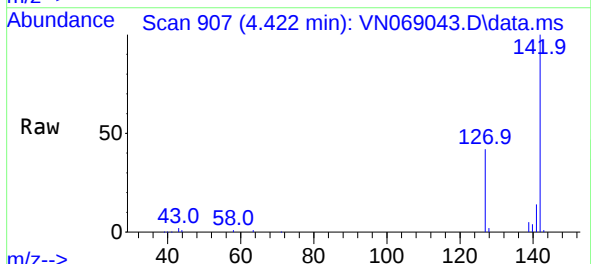
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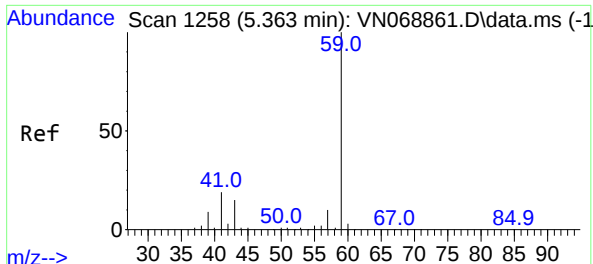
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#10  
Methyl Iodide  
Concen: 50.175 ug/l  
RT: 4.422 min Scan# 907  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion:142 Resp: 198950  
Ion Ratio Lower Upper  
142 100  
127 43.6 34.4 51.6  
141 14.0 11.3 16.9





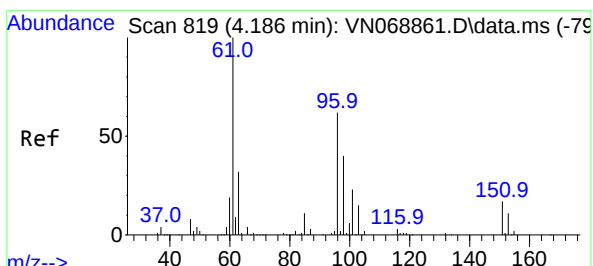
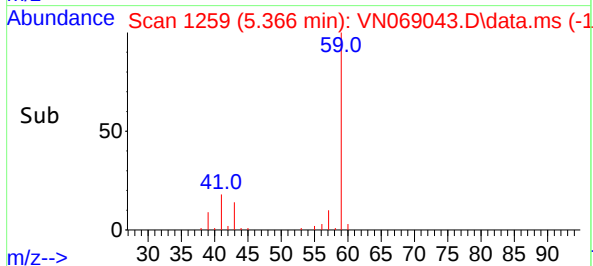
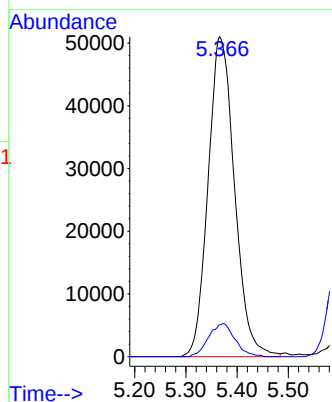
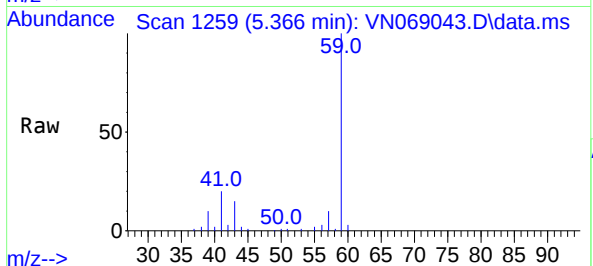
#11  
Tert butyl alcohol  
Concen: 259.503 ug/l  
RT: 5.366 min Scan# 1259  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 59 Resp: 182718  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.3 12.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

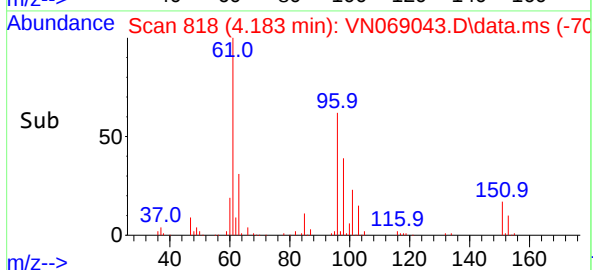
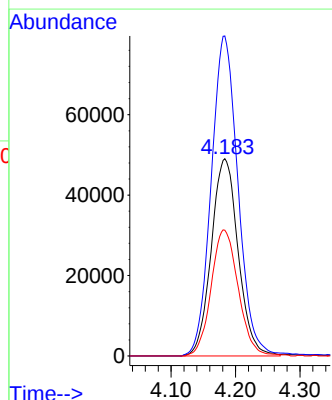
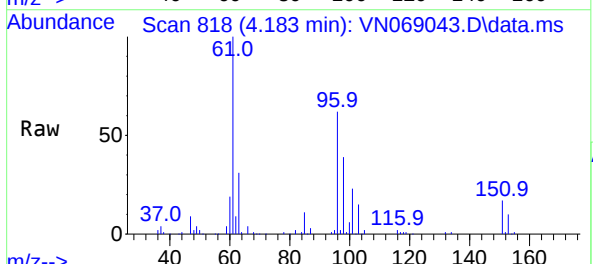
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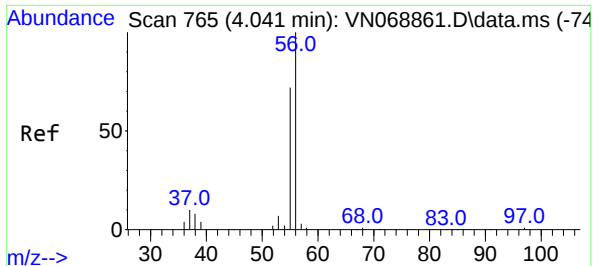
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#12  
1,1-Dichloroethene  
Concen: 50.411 ug/l  
RT: 4.183 min Scan# 818  
Delta R.T. -0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

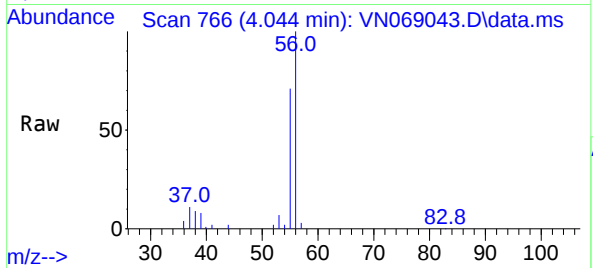
Tgt Ion: 96 Resp: 142359  
Ion Ratio Lower Upper  
96 100  
61 162.2 129.8 194.6  
98 63.8 51.4 77.2





#13  
Acrolein  
Concen: 310.006 ug/l  
RT: 4.044 min Scan# 766  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

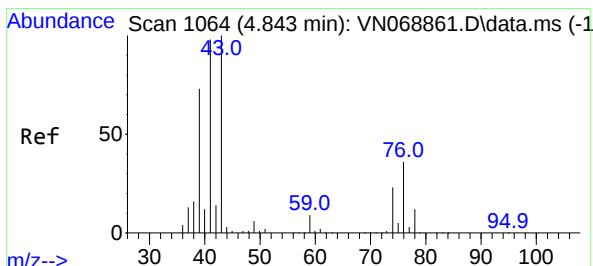
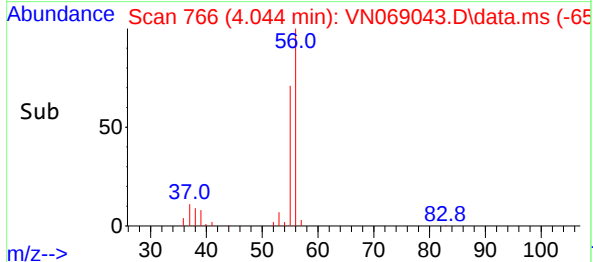
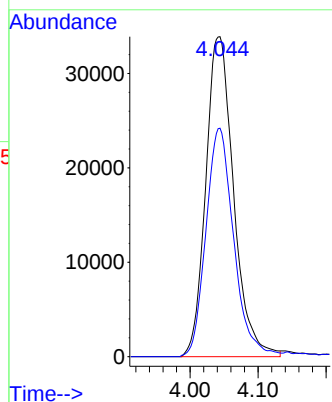
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



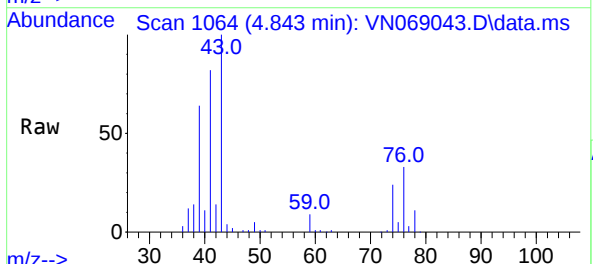
Tgt Ion: 56 Resp: 96560  
Ion Ratio Lower Upper  
56 100  
55 71.3 58.1 87.1

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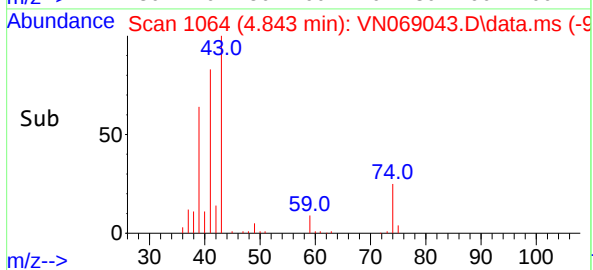
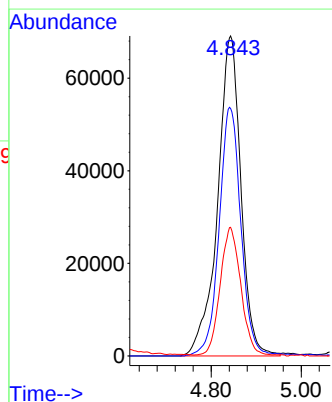
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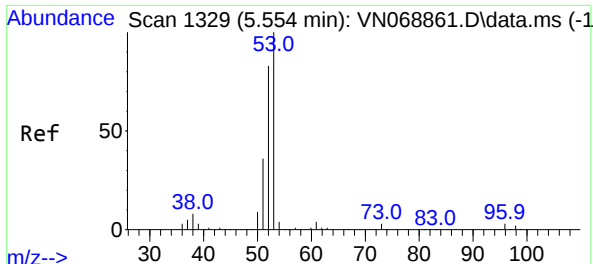


#14  
Allyl chloride  
Concen: 49.098 ug/l  
RT: 4.843 min Scan# 1064  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

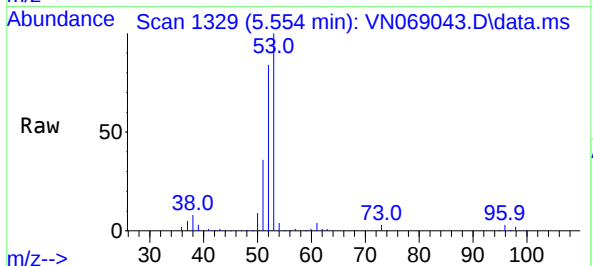


Tgt Ion: 41 Resp: 248554  
Ion Ratio Lower Upper  
41 100  
39 72.3 55.6 83.4  
76 35.0 26.4 39.6



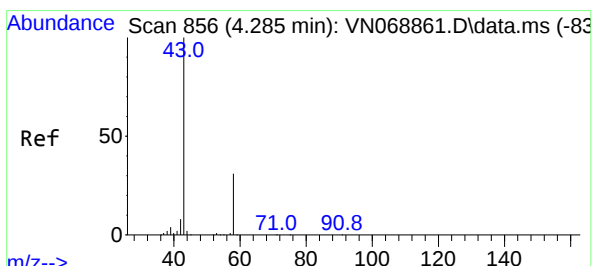
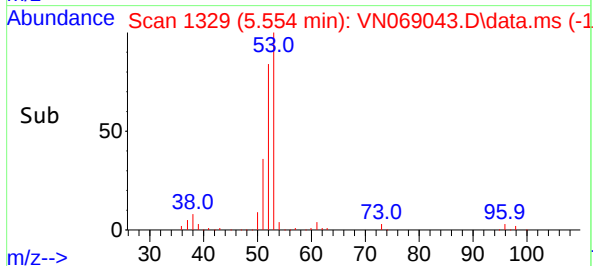
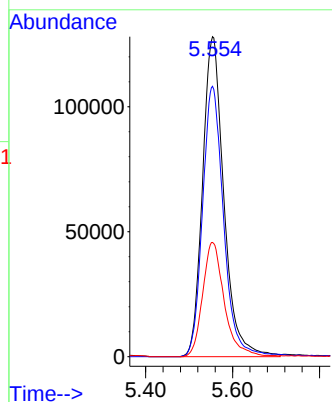


#15  
Acrylonitrile  
Concen: 275.987 ug/l  
RT: 5.554 min Scan# 1329  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

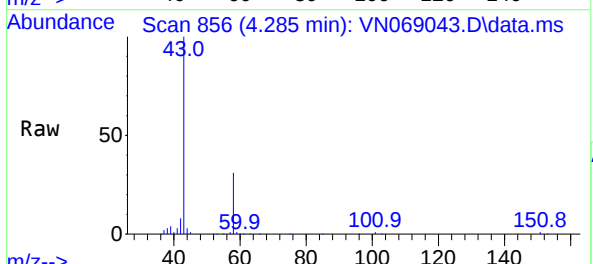


Tgt Ion: 53 Resp: 435427

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.4  | 65.7  | 98.5  |
| 51  | 36.4  | 28.9  | 43.3  |

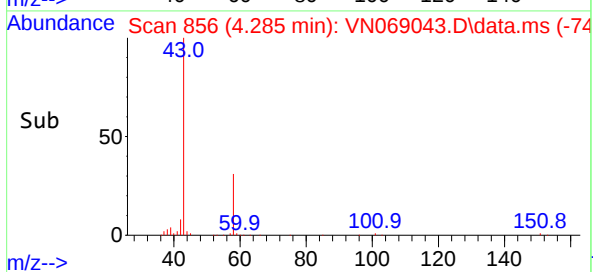
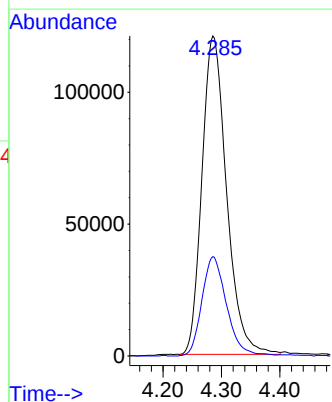


#16  
Acetone  
Concen: 246.287 ug/l  
RT: 4.285 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



Tgt Ion: 43 Resp: 354159

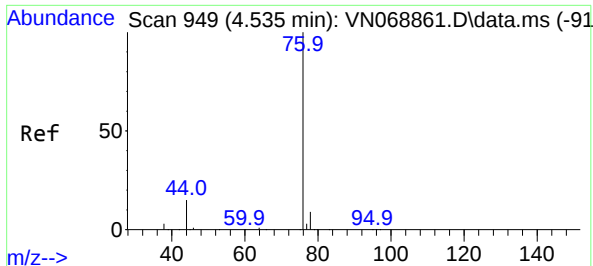
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.1  | 24.5  | 36.7  |



Instrument :  
MSVOA\_N  
ClientSampleId :  
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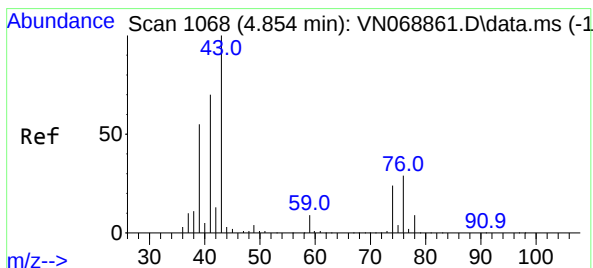
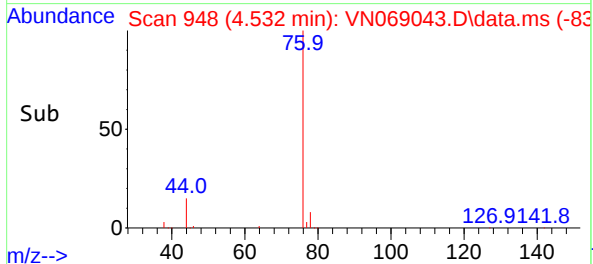
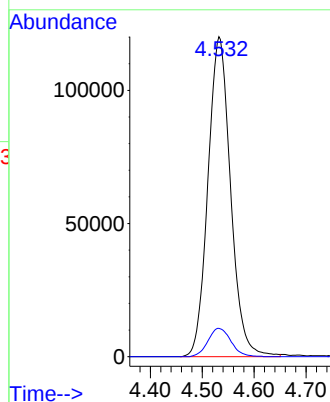
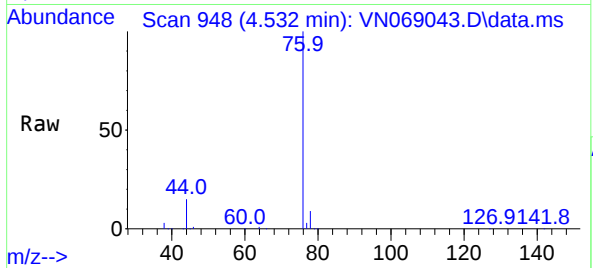
#17  
Carbon Disulfide  
Concen: 47.515 ug/l  
RT: 4.532 min Scan# 948  
Delta R.T. -0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 76 Resp: 364162  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.2 10.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

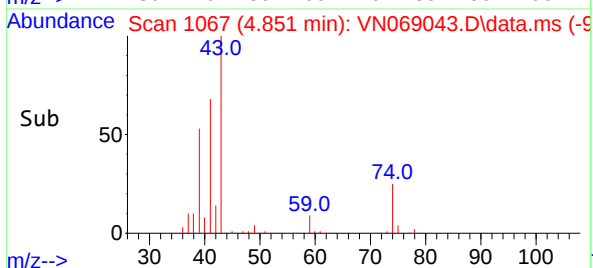
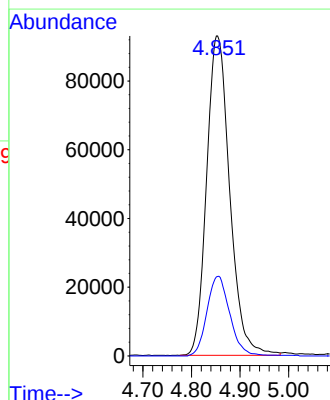
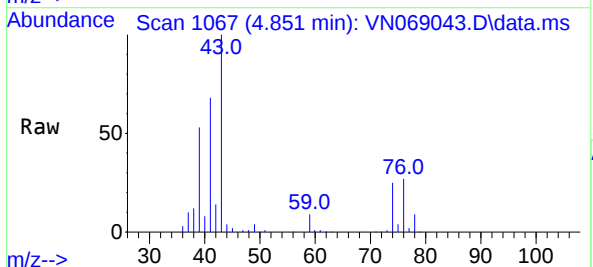
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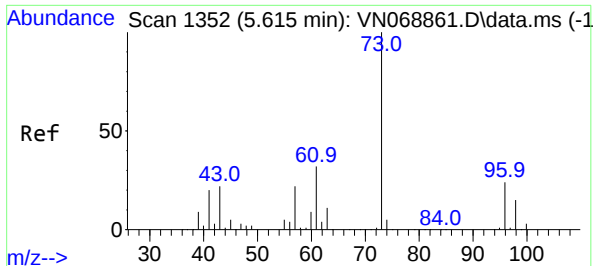
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#18  
Methyl Acetate  
Concen: 56.276 ug/l  
RT: 4.851 min Scan# 1067  
Delta R.T. -0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 43 Resp: 306948  
Ion Ratio Lower Upper  
43 100  
74 24.8 18.9 28.3





#19

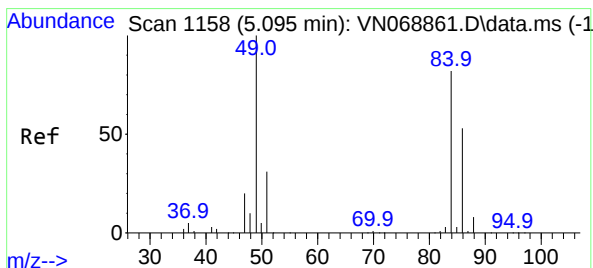
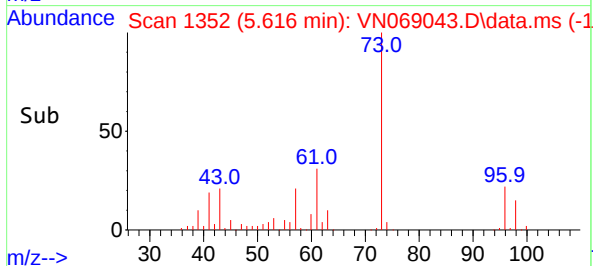
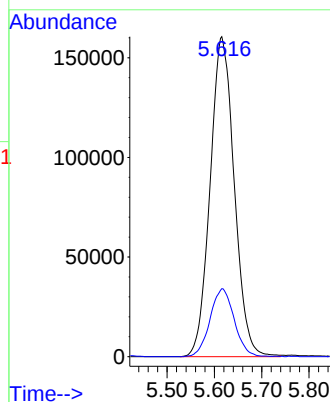
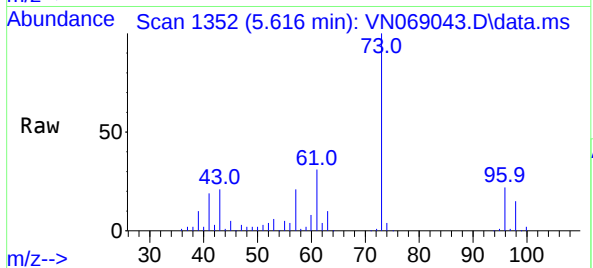
Methyl tert-butyl Ether  
Concen: 54.025 ug/l  
RT: 5.616 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 73 Resp: 568083  
Ion Ratio Lower Upper  
73 100  
57 21.2 17.3 25.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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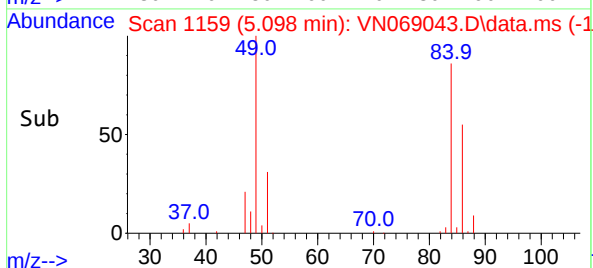
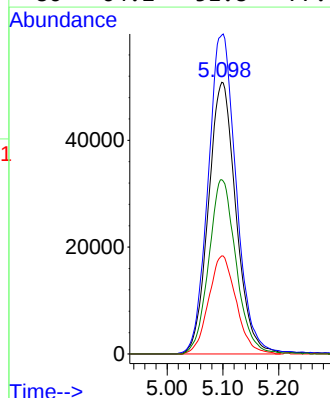
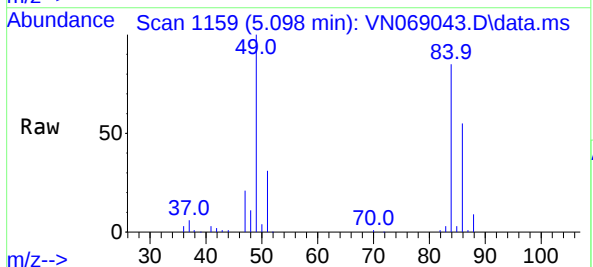
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#20

Methylene Chloride  
Concen: 52.666 ug/l  
RT: 5.098 min Scan# 1159  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 84 Resp: 174311  
Ion Ratio Lower Upper  
84 100  
49 117.0 97.6 146.4  
51 36.1 30.3 45.5  
86 64.2 51.8 77.6





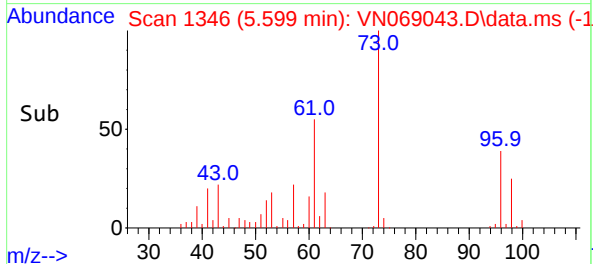
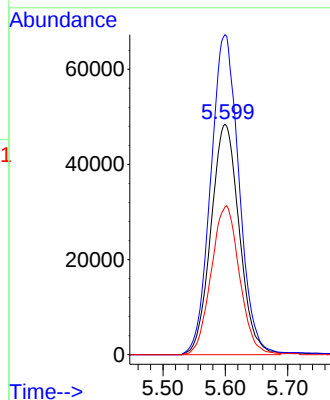
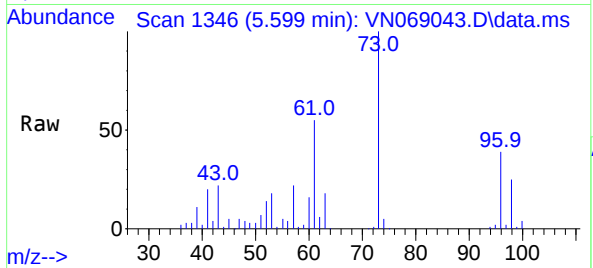
#21  
trans-1,2-Dichloroethene  
Concen: 50.171 ug/l  
RT: 5.599 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 96 Resp: 153067  
Ion Ratio Lower Upper  
96 100  
61 138.9 112.4 168.6  
98 64.2 52.0 78.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

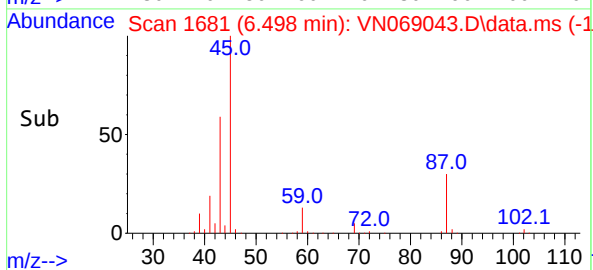
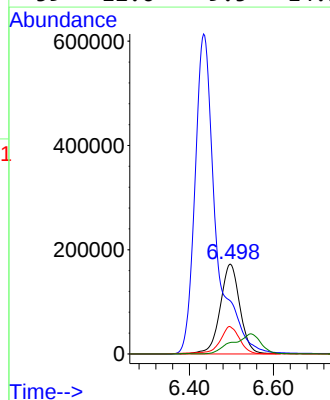
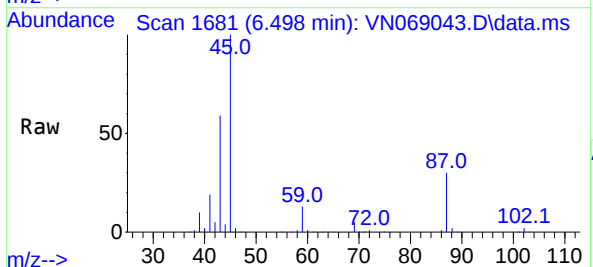
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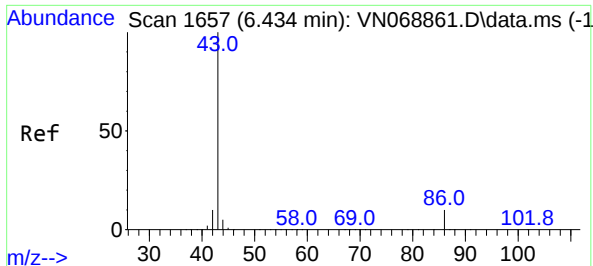
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#22  
Diisopropyl ether  
Concen: 53.522 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 45 Resp: 563458  
Ion Ratio Lower Upper  
45 100  
43 57.4 48.0 72.0  
87 29.9 23.4 35.0  
59 12.6 9.5 14.3





#23

Vinyl Acetate

Concen: 267.109 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. 0.000 min

Lab File: VN069043.D

Acq: 19 Oct 2021 23:16

Tgt Ion: 43 Resp: 2125861

Ion Ratio Lower Upper

43 100

86 10.7 8.3 12.5

Instrument :

MSVOA\_N

ClientSampleId :

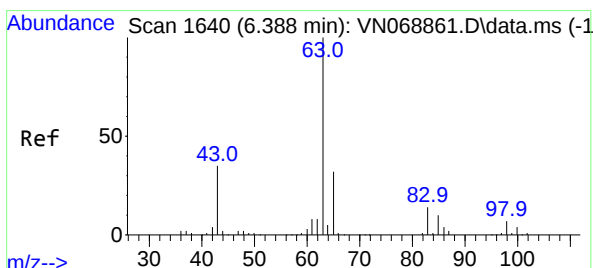
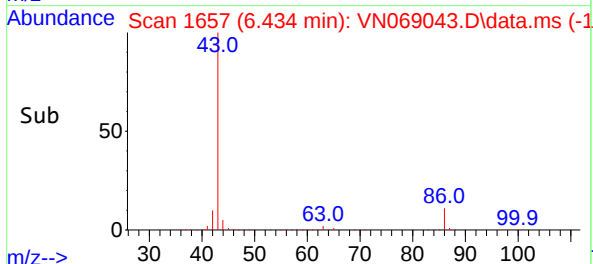
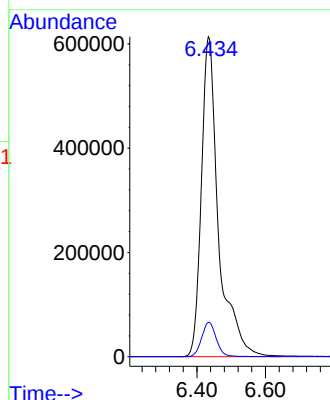
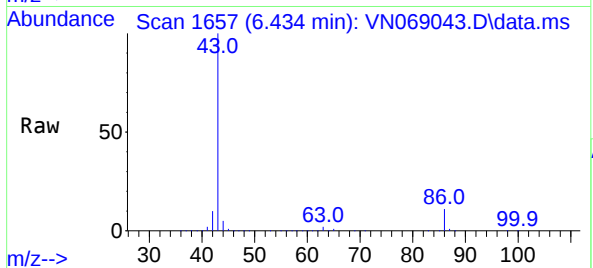
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#24

1,1-Dichloroethane

Concen: 53.318 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN069043.D

Acq: 19 Oct 2021 23:16

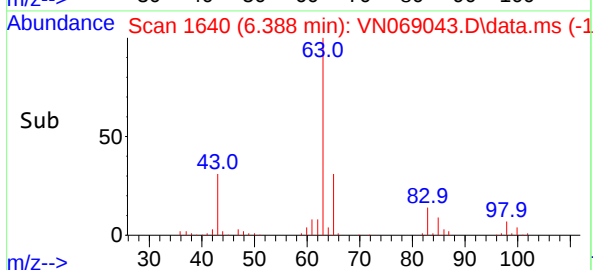
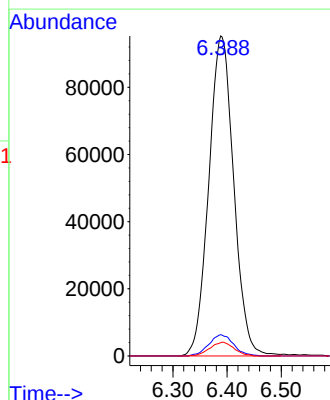
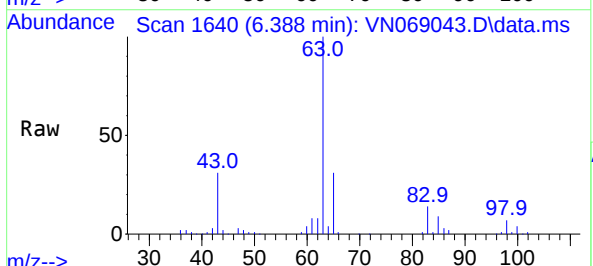
Tgt Ion: 63 Resp: 304978

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.1 2.1 6.5





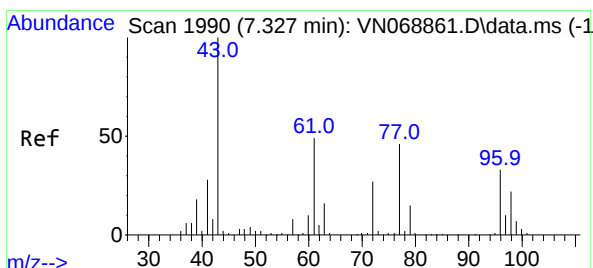
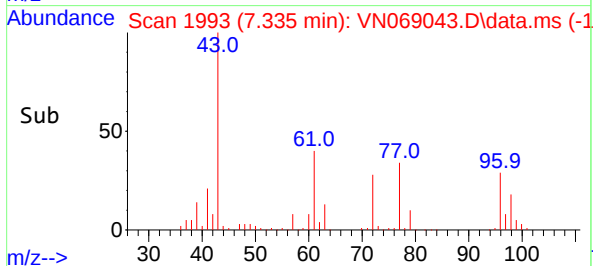
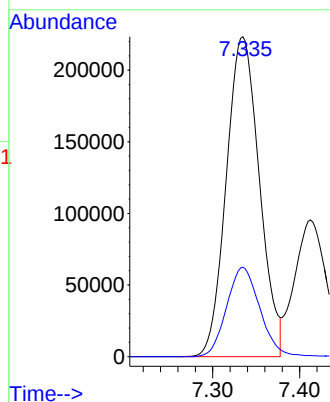
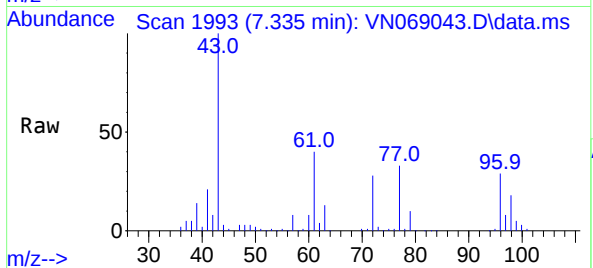
#25  
2-Butanone  
Concen: 271.902 ug/l  
RT: 7.335 min Scan# 1993  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 43 Resp: 591248  
Ion Ratio Lower Upper  
43 100  
72 27.9 21.2 31.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

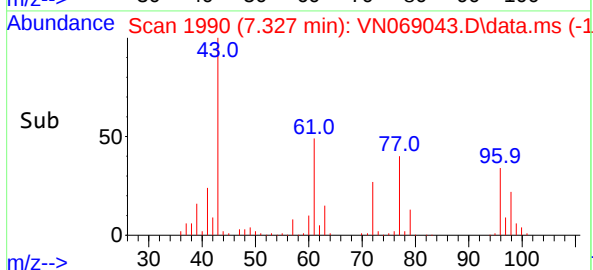
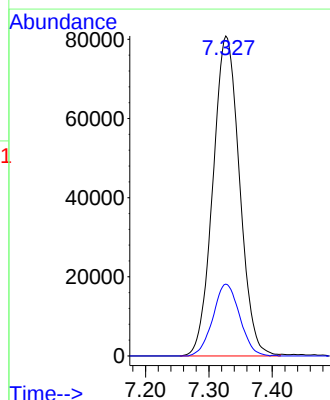
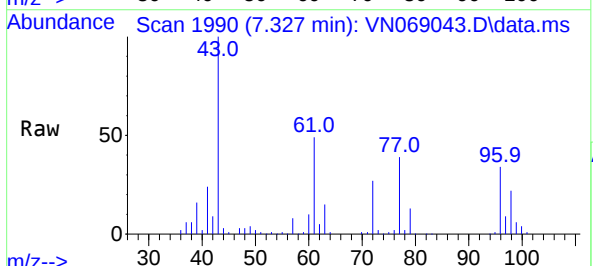
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#26  
2,2-Dichloropropane  
Concen: 43.287 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 77 Resp: 235963  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.2 33.6





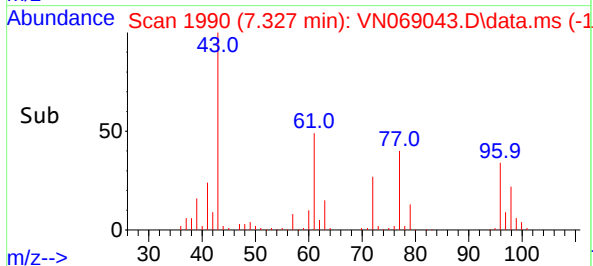
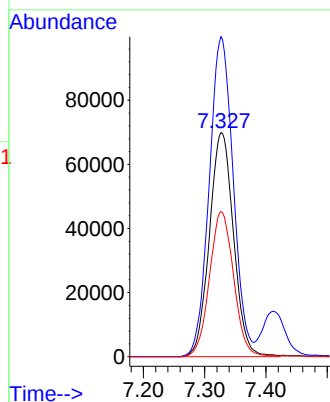
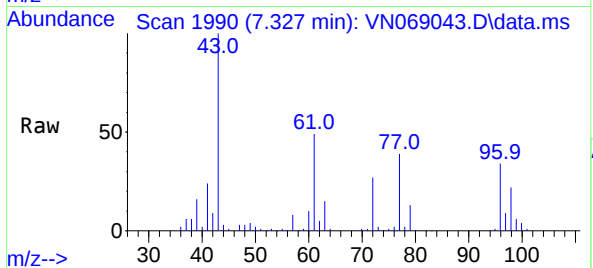
#27  
cis-1,2-Dichloroethene  
Concen: 51.987 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 96 Resp: 191729  
Ion Ratio Lower Upper  
96 100  
61 141.7 0.0 290.6  
98 64.6 0.0 127.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

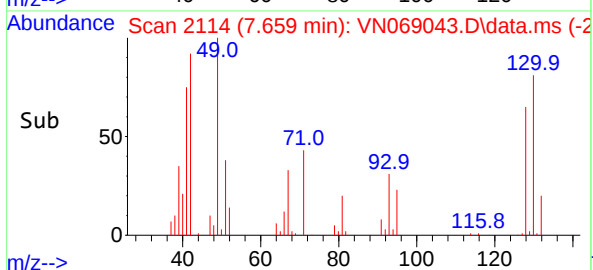
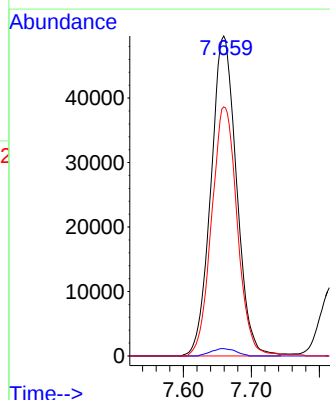
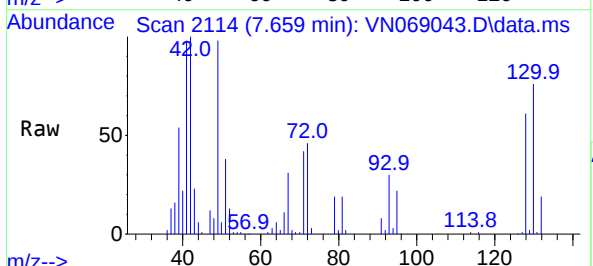
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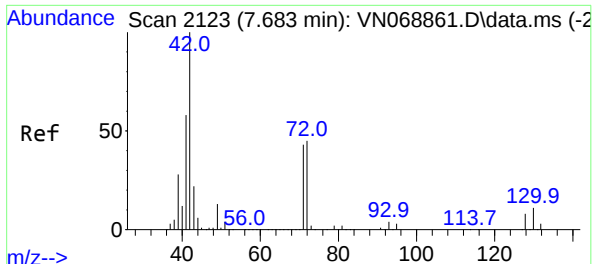
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#28  
Bromochloromethane  
Concen: 50.096 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 49 Resp: 129781  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 4.4  
130 77.8 60.8 91.2





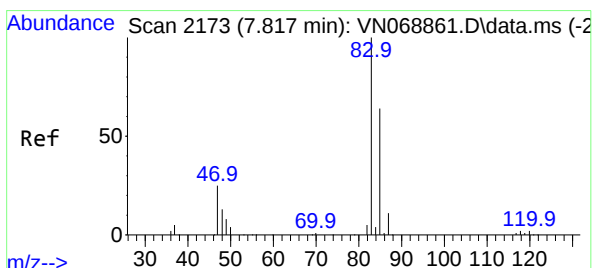
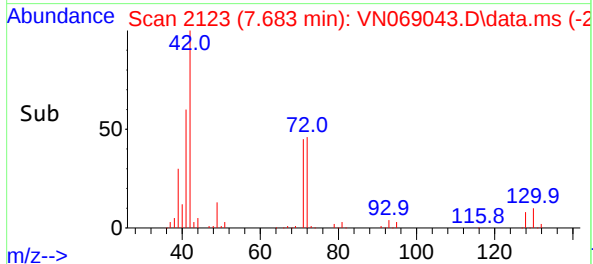
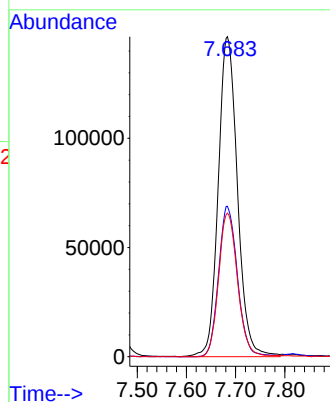
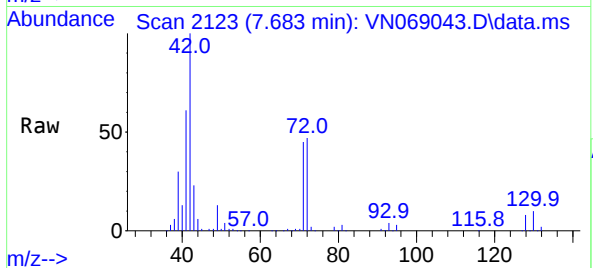
#29  
Tetrahydrofuran  
Concen: 281.912 ug/l  
RT: 7.683 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 42 Resp: 397628  
Ion Ratio Lower Upper  
42 100  
72 46.1 35.4 53.2  
71 44.1 33.8 50.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

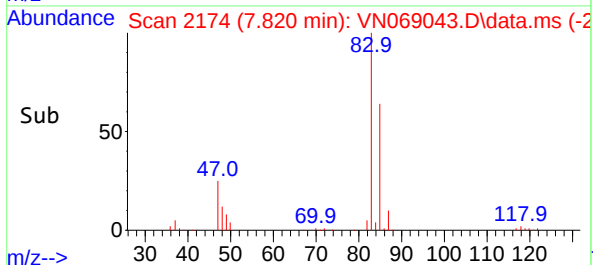
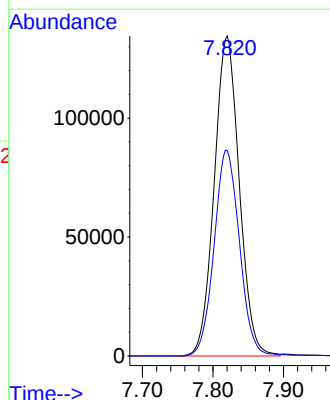
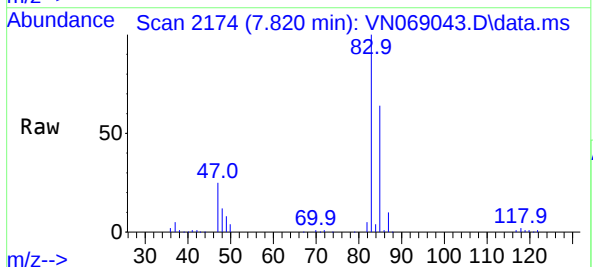
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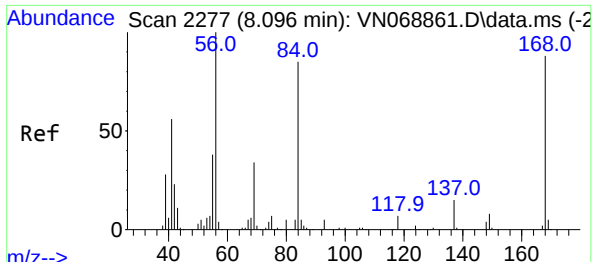
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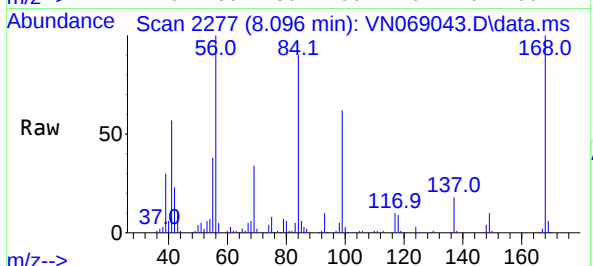
#30  
Chloroform  
Concen: 55.129 ug/l  
RT: 7.820 min Scan# 2174  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 83 Resp: 332323  
Ion Ratio Lower Upper  
83 100  
85 64.2 51.1 76.7

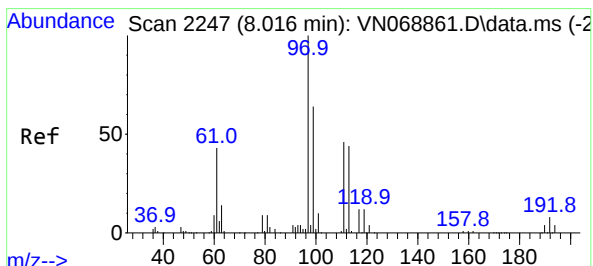
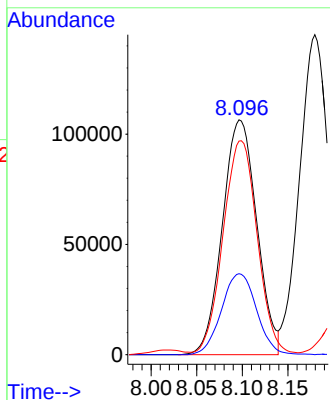
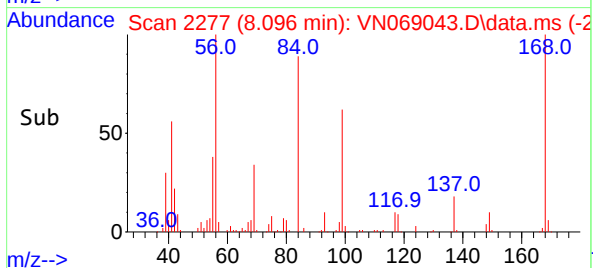




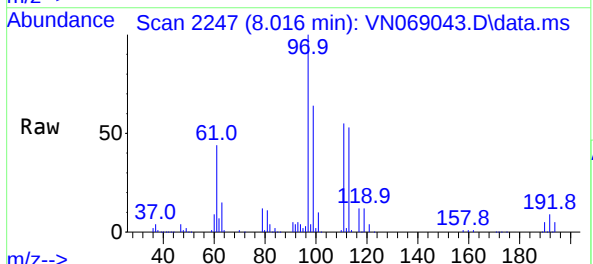
#31  
Cyclohexane  
Concen: 46.678 ug/l  
RT: 8.096 min Scan# 2277  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



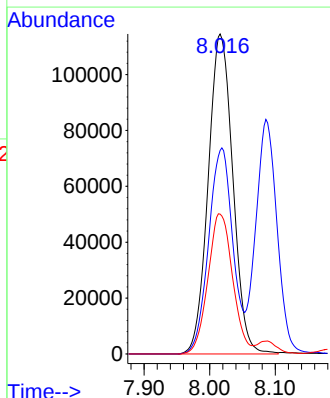
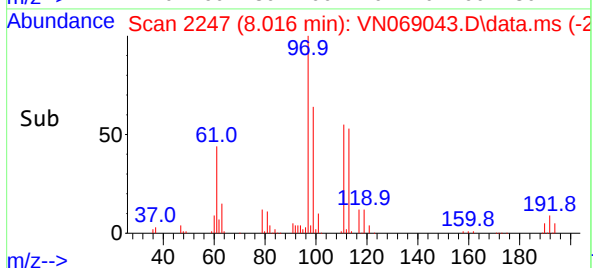
Tgt Ion: 56 Resp: 279665  
Ion Ratio Lower Upper  
56 100  
69 34.5 26.9 40.3  
84 89.2 67.6 101.4



#32  
1,1,1-Trichloroethane  
Concen: 53.209 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



Tgt Ion: 97 Resp: 299007  
Ion Ratio Lower Upper  
97 100  
99 63.3 50.8 76.2  
61 43.8 34.6 51.8



Instrument :  
MSVOA\_N  
ClientSampleId :  
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#33

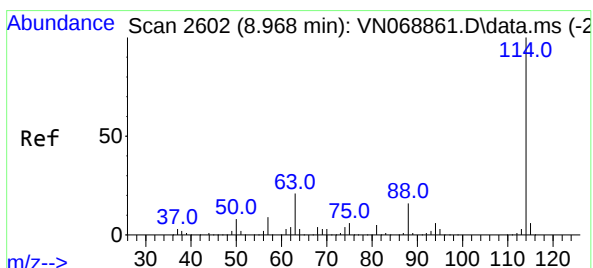
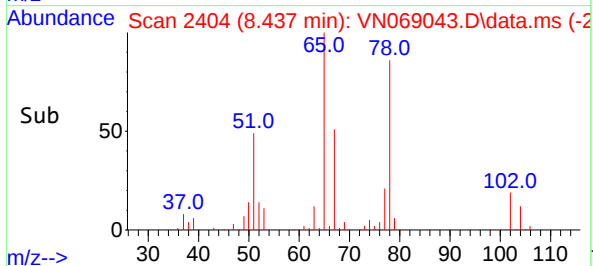
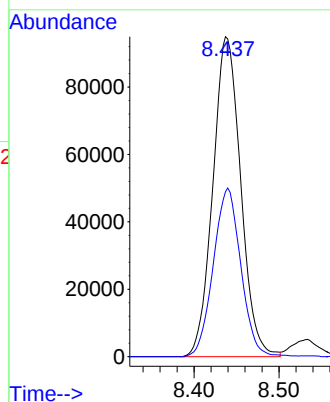
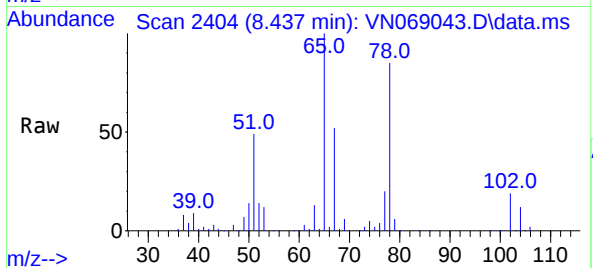
1,2-Dichloroethane-d4  
Concen: 56.071 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. -0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 65 Resp: 216062  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 103.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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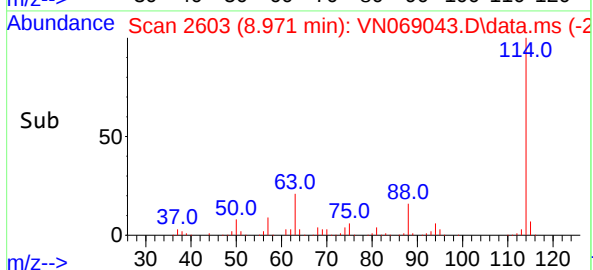
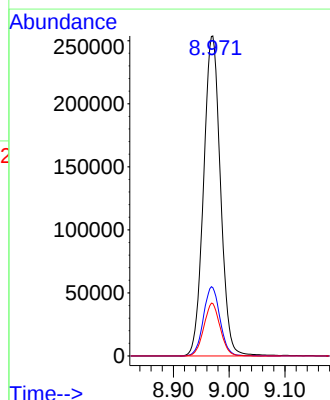
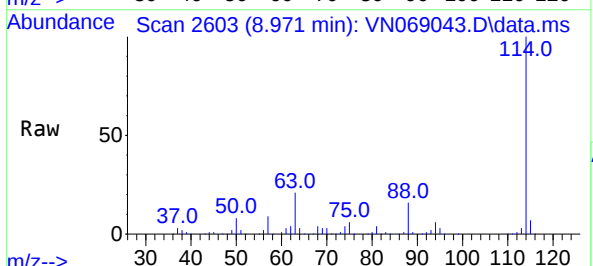
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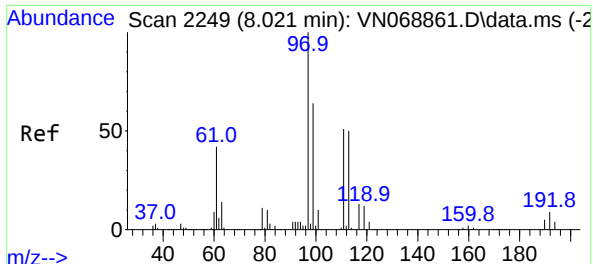


#34

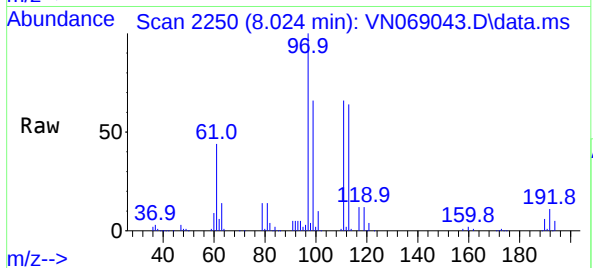
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 114 Resp: 533808  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 42.6  
88 16.4 0.0 32.0

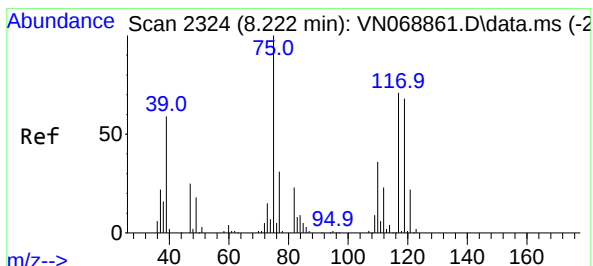
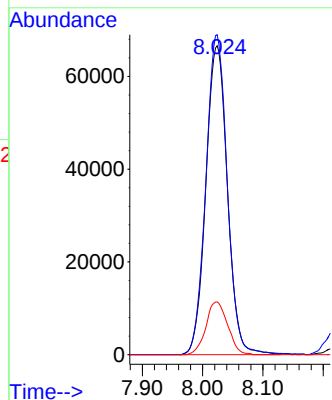
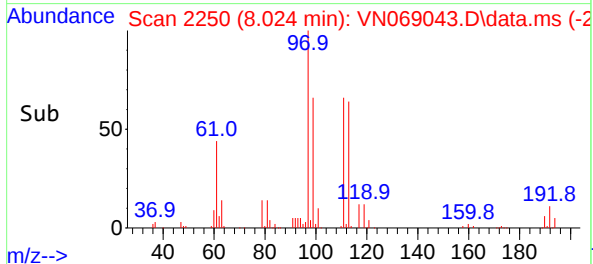




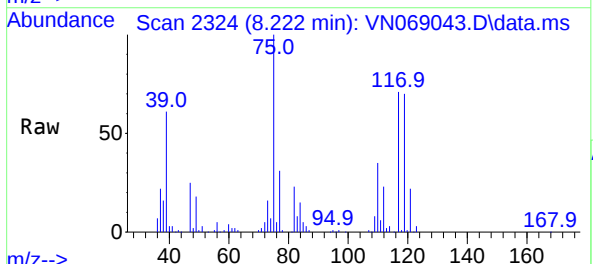
#35  
Dibromofluoromethane  
Concen: 53.372 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



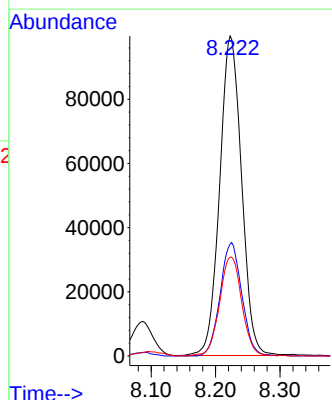
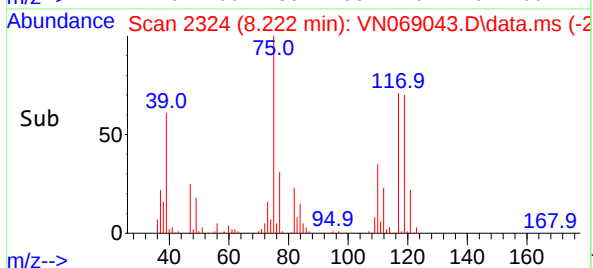
Tgt Ion:113 Resp: 165760  
Ion Ratio Lower Upper  
113 100  
111 102.9 83.2 124.8  
192 17.2 15.0 22.4



#36  
1,1-Dichloropropene  
Concen: 51.441 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



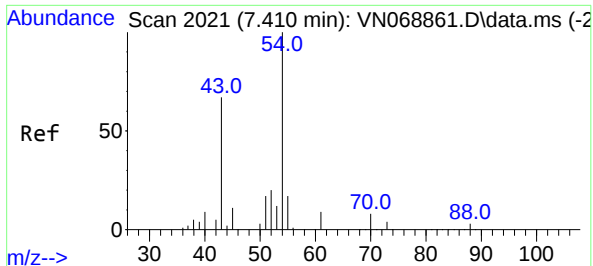
Tgt Ion: 75 Resp: 234548  
Ion Ratio Lower Upper  
75 100  
110 35.2 17.9 53.8  
77 31.4 24.7 37.1



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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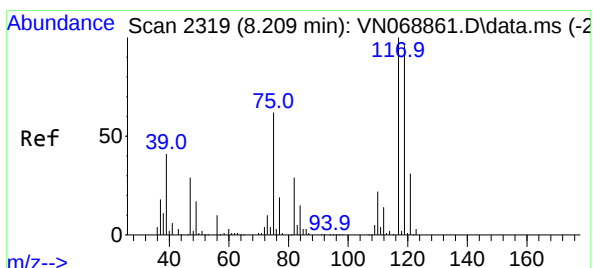
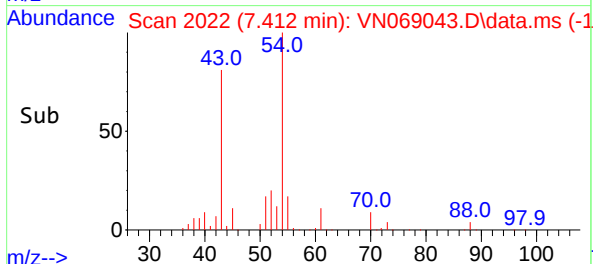
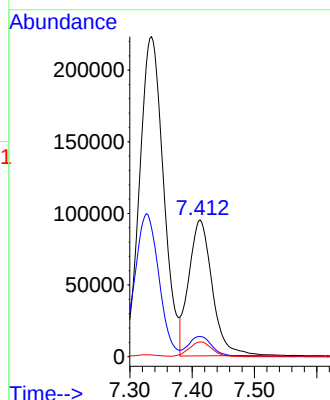
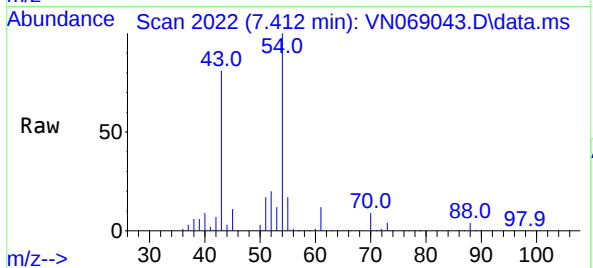
#37  
Ethyl Acetate  
Concen: 52.936 ug/l  
RT: 7.412 min Scan# 2022  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 43 Resp: 249279  
Ion Ratio Lower Upper  
43 100  
61 14.1 11.2 16.8  
70 10.7 8.4 12.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

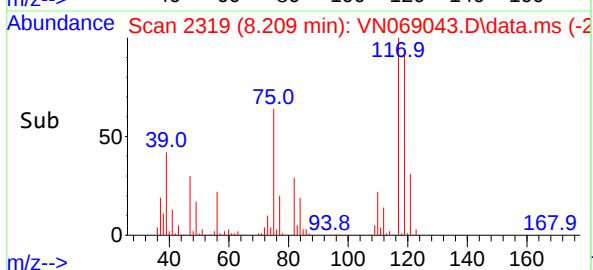
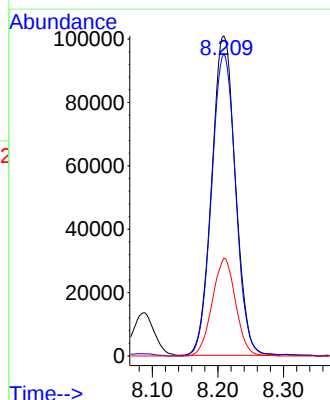
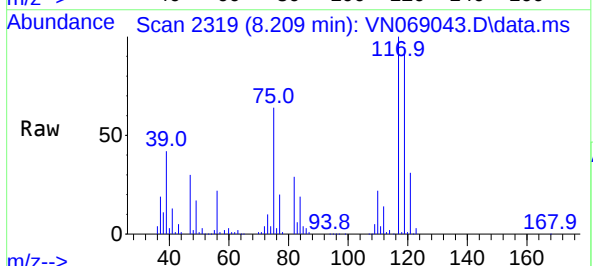
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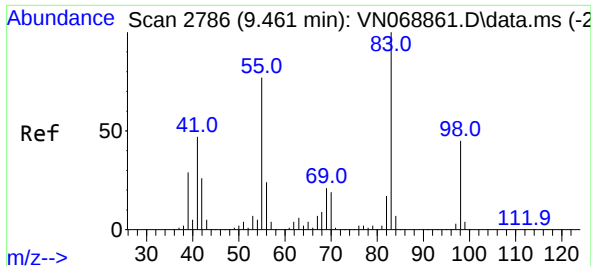
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#38  
Carbon Tetrachloride  
Concen: 50.639 ug/l  
RT: 8.209 min Scan# 2319  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 117 Resp: 253578  
Ion Ratio Lower Upper  
117 100  
119 94.7 76.9 115.3  
121 30.6 24.6 37.0





#39

Methylcyclohexane

Concen: 48.934 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN069043.D

Acq: 19 Oct 2021 23:16

Tgt Ion: 83 Resp: 287171

Ion Ratio Lower Upper

83 100

55 73.4 61.4 92.0

98 45.3 36.4 54.6

Instrument :

MSVOA\_N

ClientSampleId :

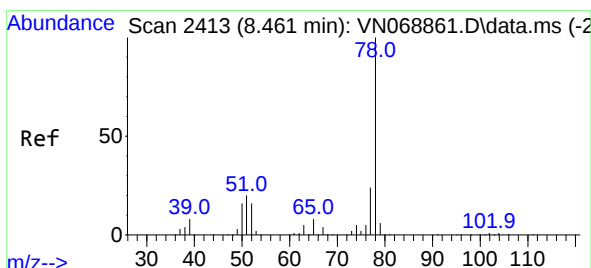
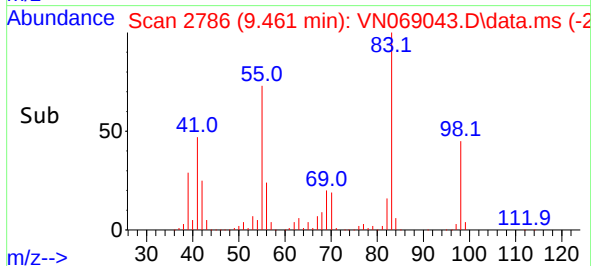
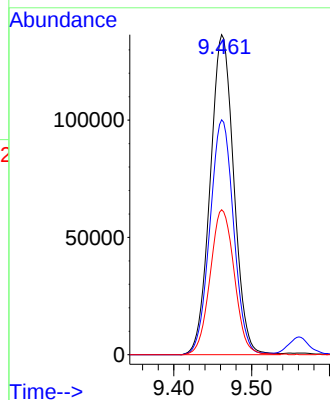
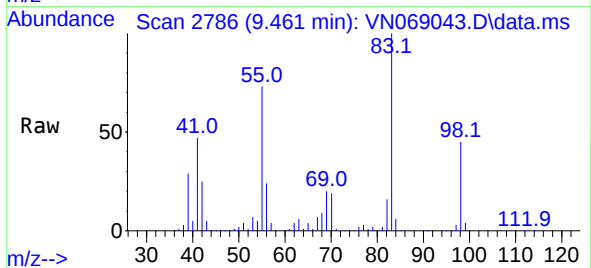
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#40

Benzene

Concen: 52.100 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN069043.D

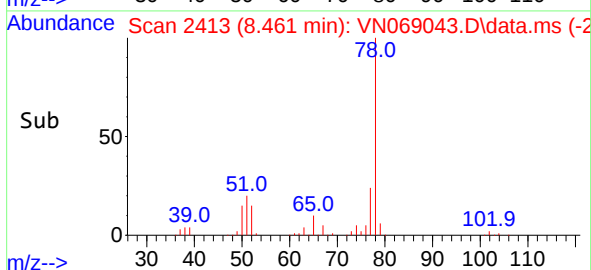
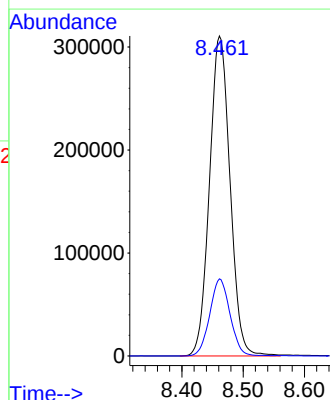
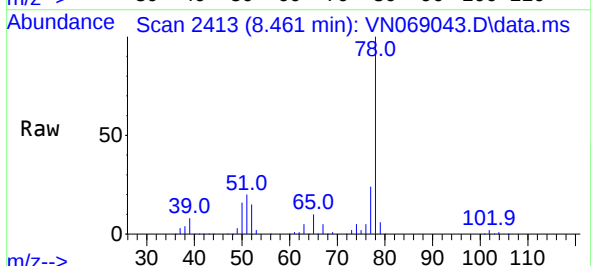
Acq: 19 Oct 2021 23:16

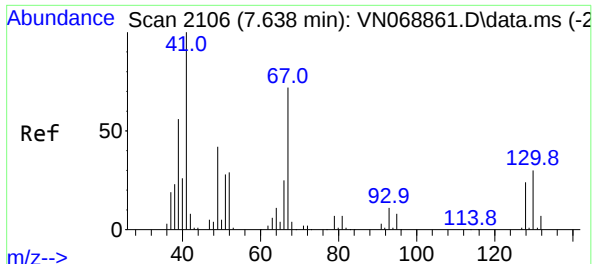
Tgt Ion: 78 Resp: 723366

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7





#41  
Methacrylonitrile  
Concen: 52.880 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

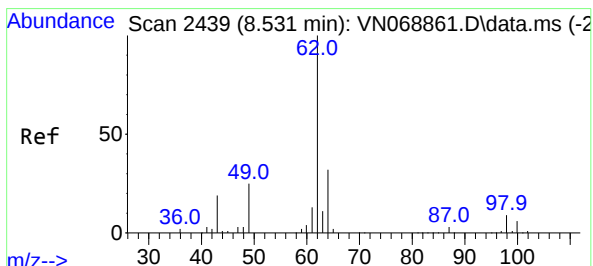
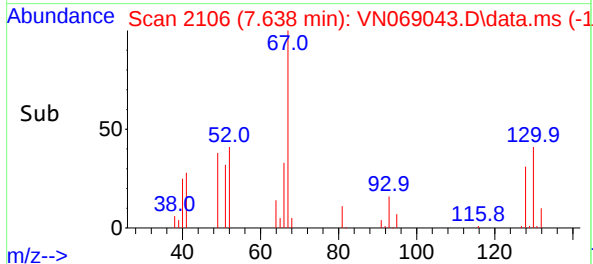
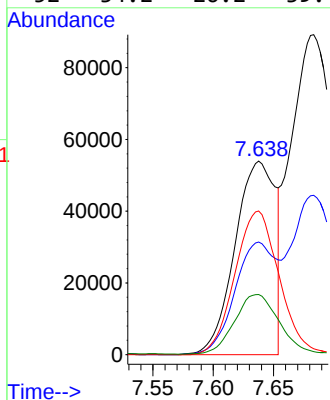
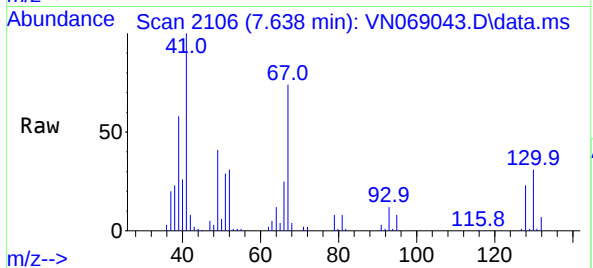
Tgt Ion: 41 Resp: 125525

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 61.4  | 44.9  | 67.3  |
| 67  | 82.1  | 62.6  | 93.8  |
| 52  | 34.2  | 26.2  | 39.4  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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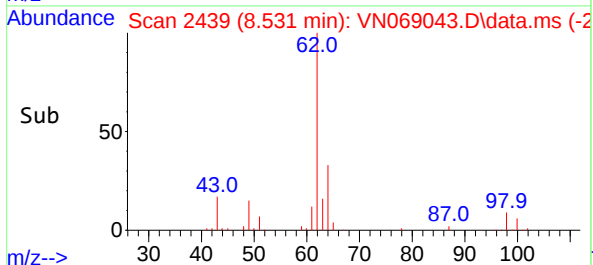
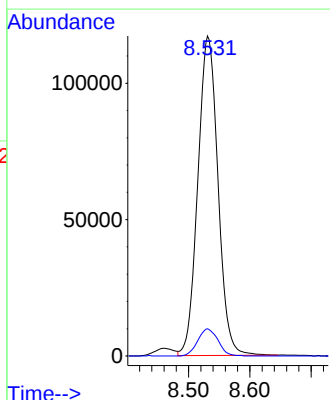
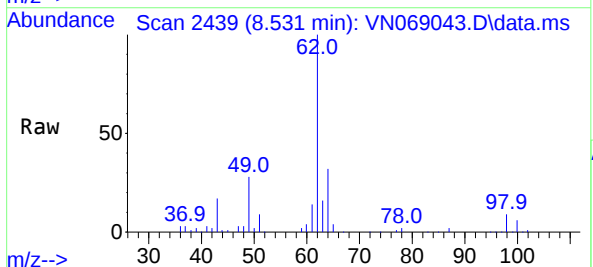
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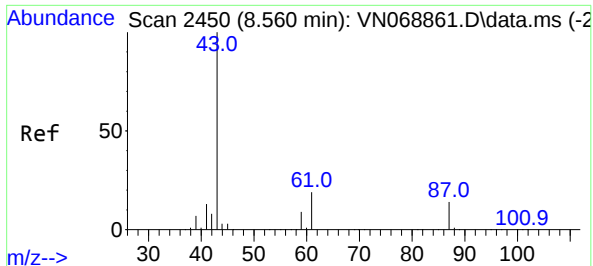


#42  
1,2-Dichloroethane  
Concen: 54.444 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 62 Resp: 267678

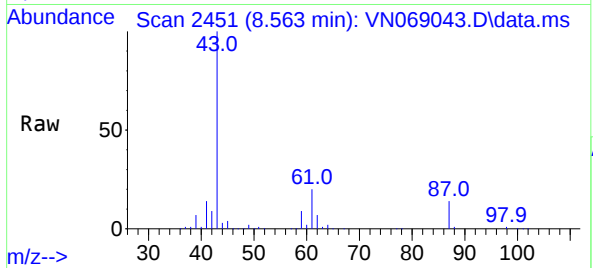
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 0.0   | 17.2  |





#43  
Isopropyl Acetate  
Concen: 54.816 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

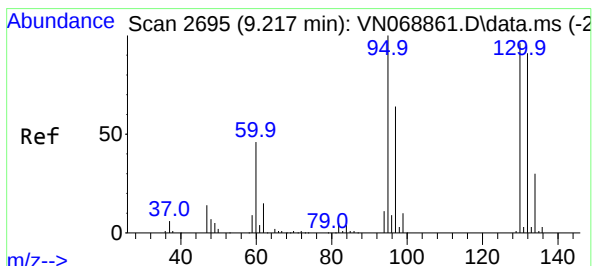
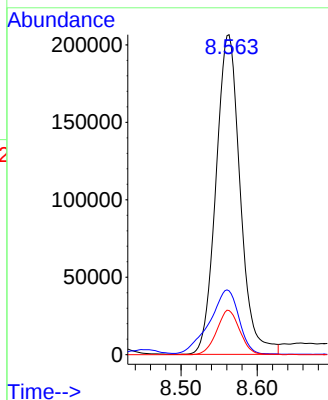
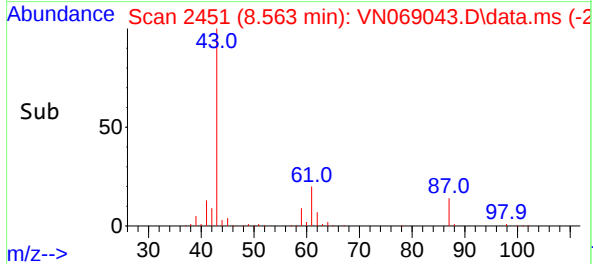
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



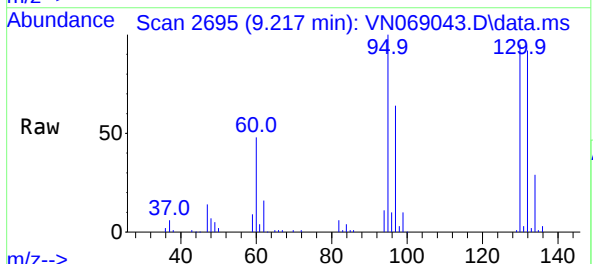
Tgt Ion: 43 Resp: 455453  
Ion Ratio Lower Upper  
43 100  
61 24.7 20.4 30.6  
87 13.3 10.7 16.1

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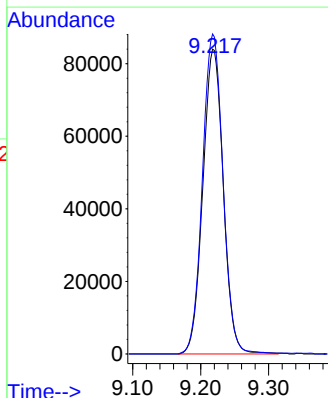
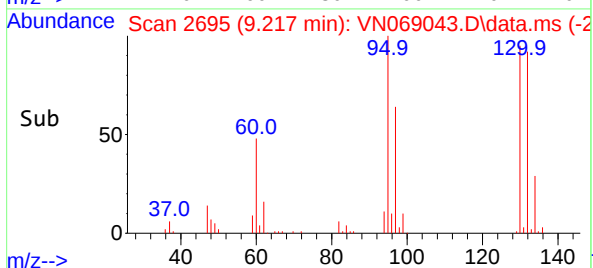
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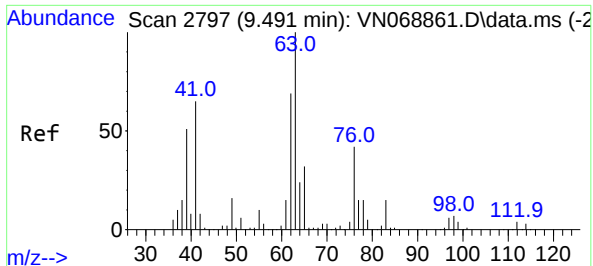


#44  
Trichloroethene  
Concen: 50.541 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



Tgt Ion: 130 Resp: 175622  
Ion Ratio Lower Upper  
130 100  
95 105.0 0.0 208.0





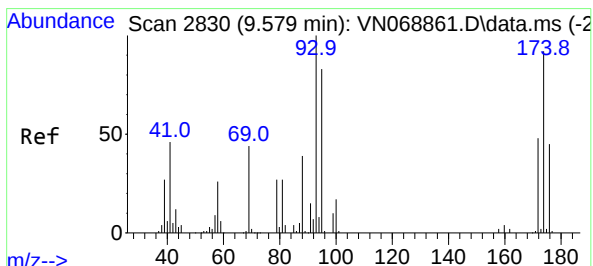
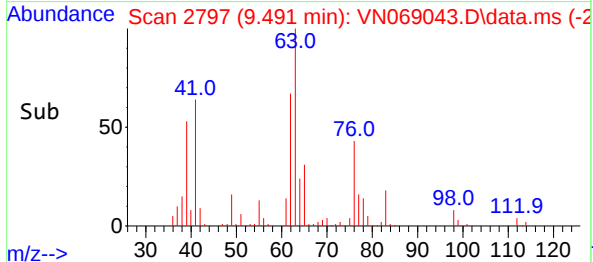
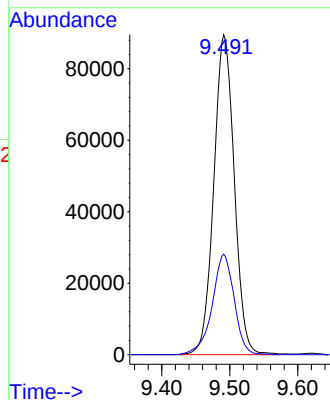
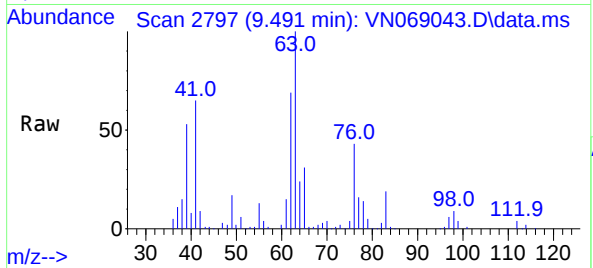
#45  
1,2-Dichloropropane  
Concen: 52.114 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tgt Ion: 63 Resp: 187753  
Ion Ratio Lower Upper  
63 100  
65 31.4 25.6 38.4

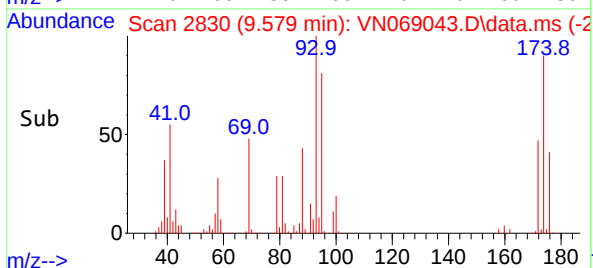
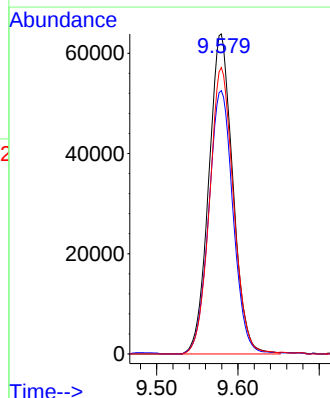
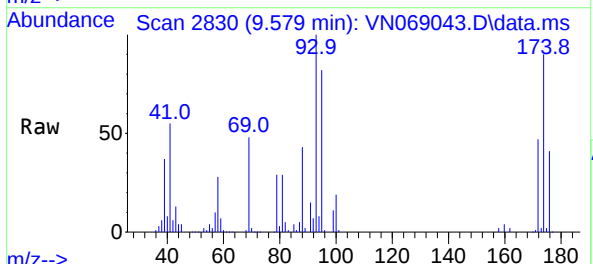
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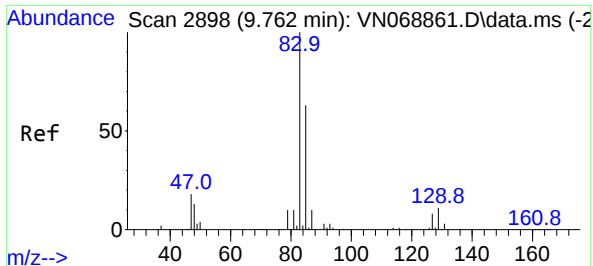
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#46  
Dibromomethane  
Concen: 53.387 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

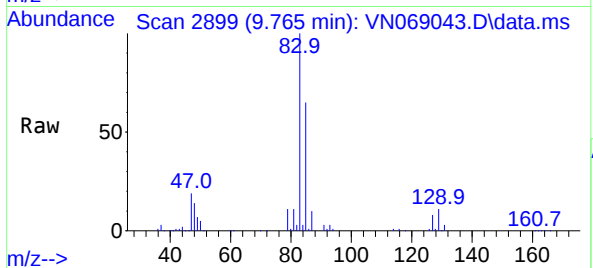
Tgt Ion: 93 Resp: 131293  
Ion Ratio Lower Upper  
93 100  
95 83.2 66.5 99.7  
174 89.1 73.8 110.8





#47  
Bromodichloromethane  
Concen: 52.818 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

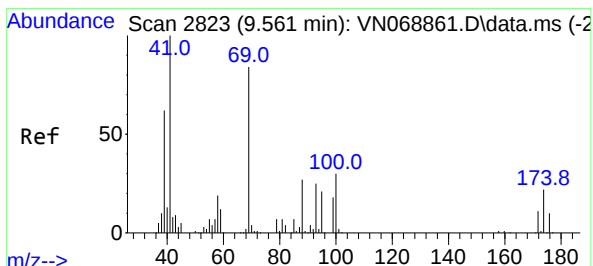
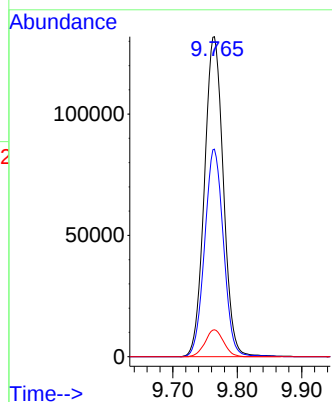
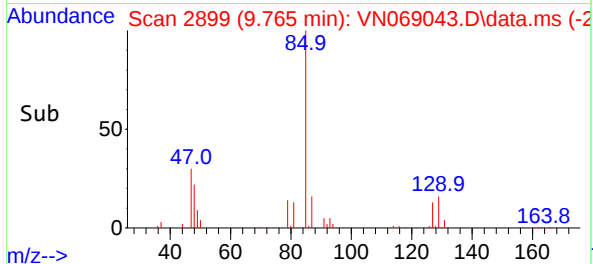
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



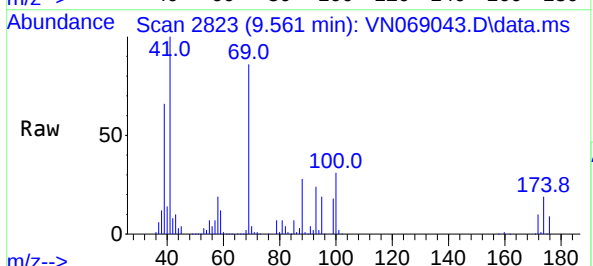
Tgt Ion: 83 Resp: 269174  
Ion Ratio Lower Upper  
83 100  
85 64.8 50.7 76.1  
127 8.4 6.5 9.7

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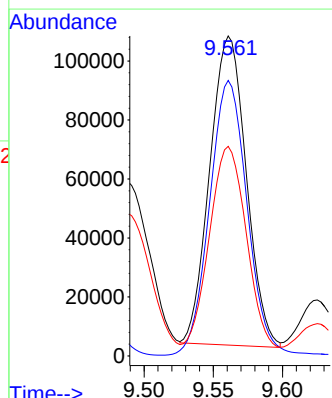
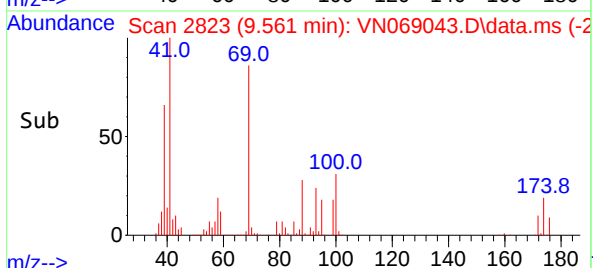
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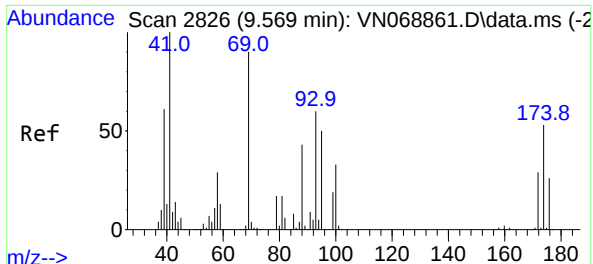


#48  
Methyl methacrylate  
Concen: 49.163 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



Tgt Ion: 41 Resp: 191931  
Ion Ratio Lower Upper  
41 100  
69 92.5 66.4 99.6  
39 71.0 50.2 75.2





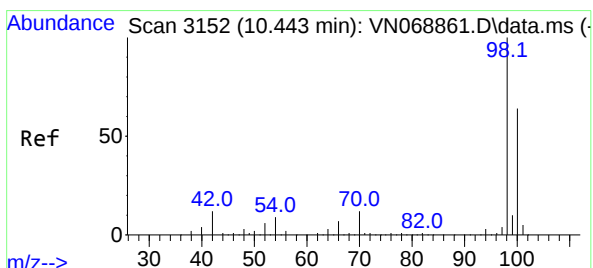
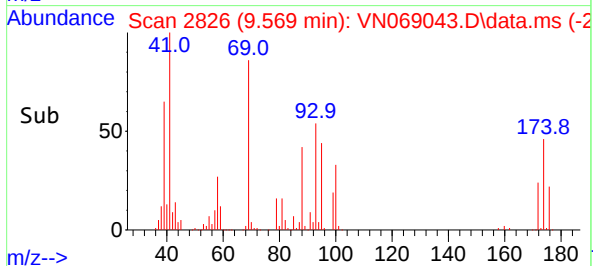
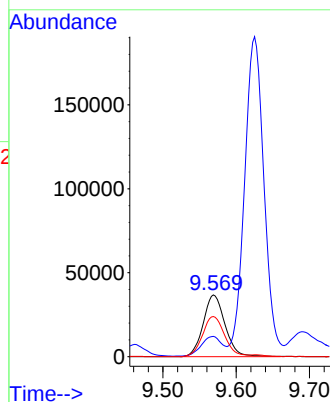
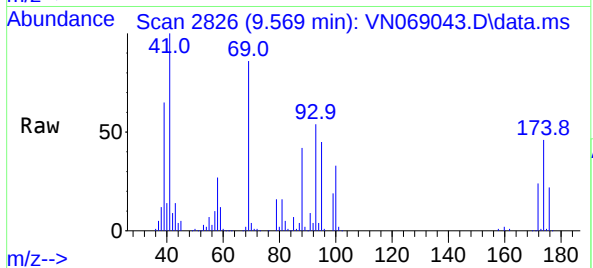
#49  
1,4-Dioxane  
Concen: 1001.495 ug/l  
RT: 9.569 min Scan# 2826  
Delta R.T. -0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 88 Resp: 76207  
Ion Ratio Lower Upper  
88 100  
43 30.0 24.9 37.3  
58 65.8 56.9 85.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

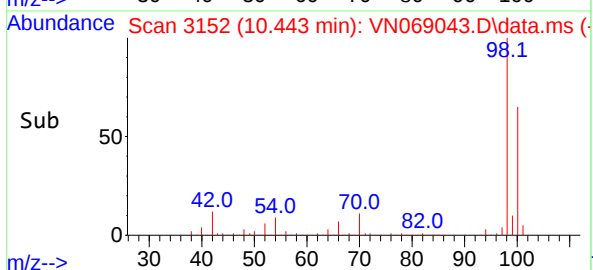
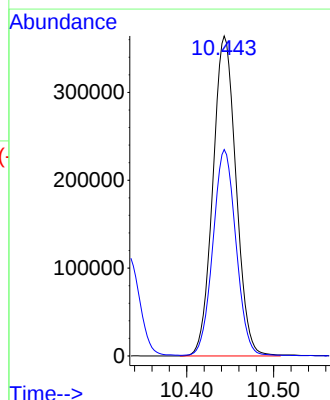
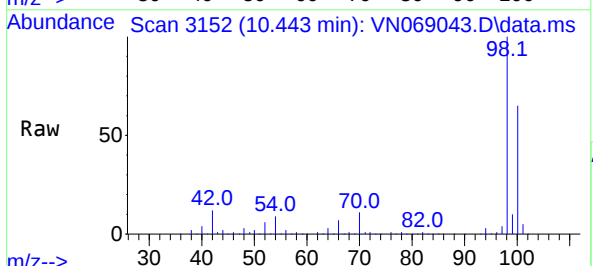
Manual Integrations  
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#50  
Toluene-d8  
Concen: 54.255 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 98 Resp: 674200  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.5 77.3





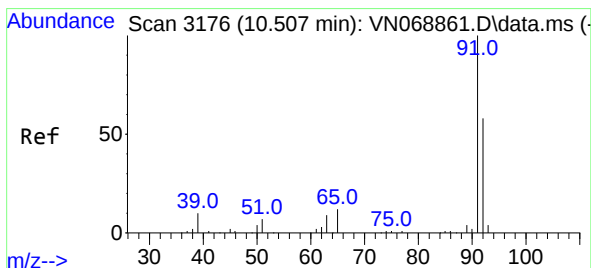
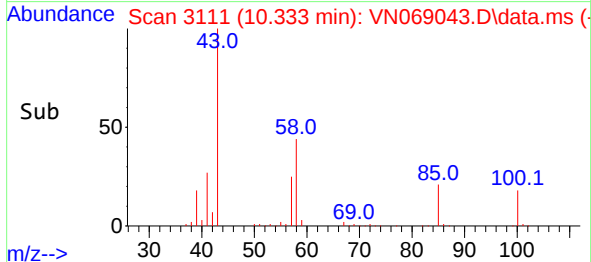
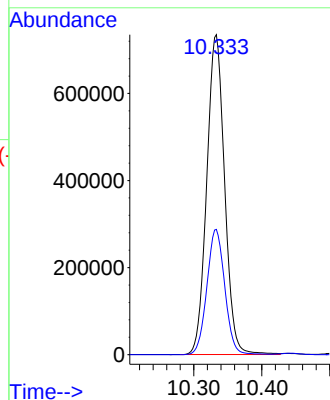
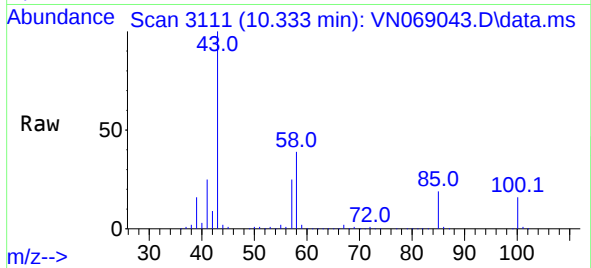
#51  
4-Methyl-2-Pentanone  
Concen: 278.998 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 43 Resp: 1344138  
Ion Ratio Lower Upper  
43 100  
58 39.2 31.0 46.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

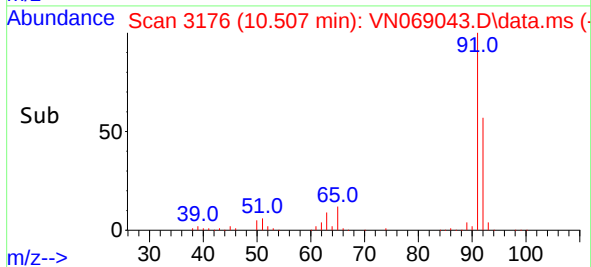
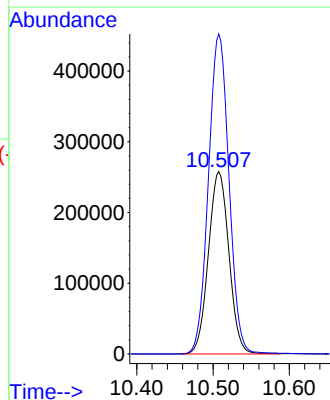
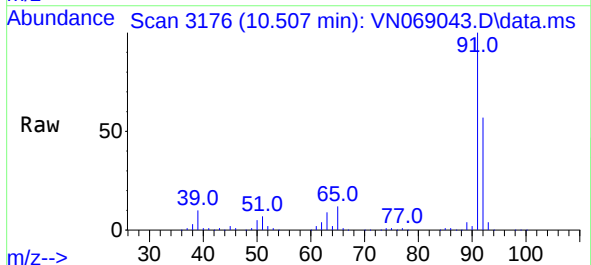
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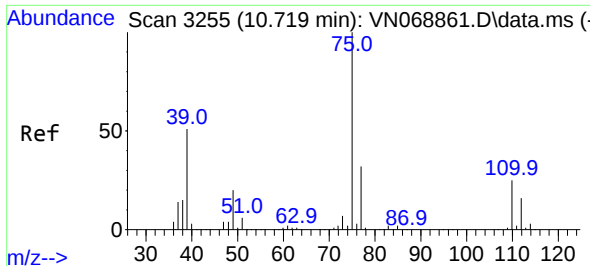
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#52  
Toluene  
Concen: 53.965 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 92 Resp: 482051  
Ion Ratio Lower Upper  
92 100  
91 175.2 138.5 207.7





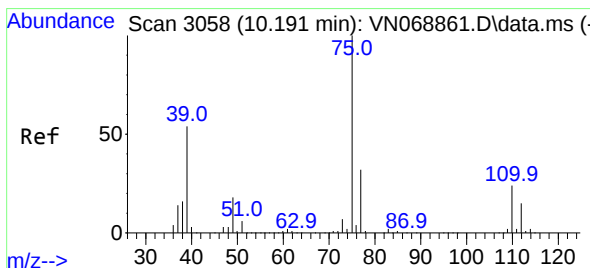
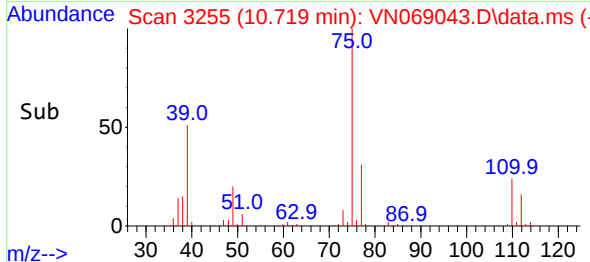
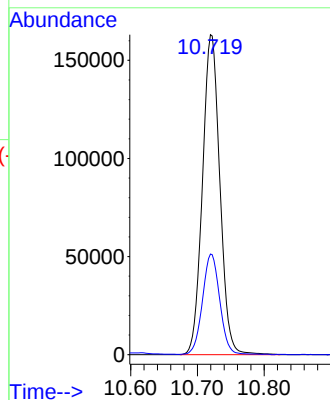
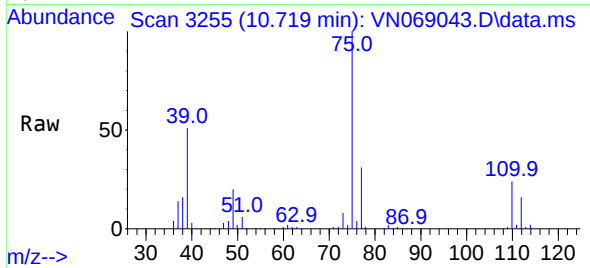
#53  
t-1,3-Dichloropropene  
Concen: 51.170 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 75 Resp: 295392  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.4 38.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

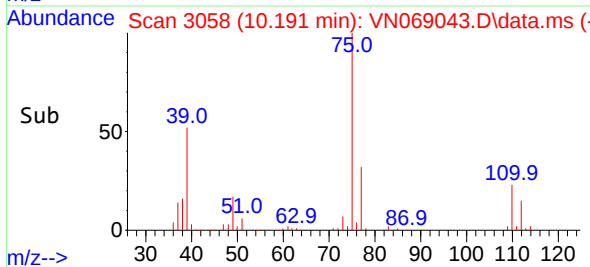
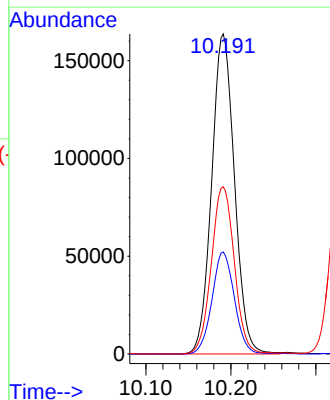
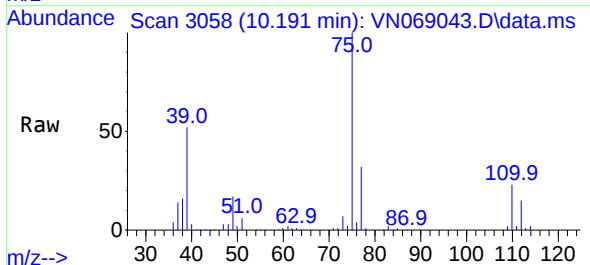
Manual Integrations  
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#54  
cis-1,3-Dichloropropene  
Concen: 50.876 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

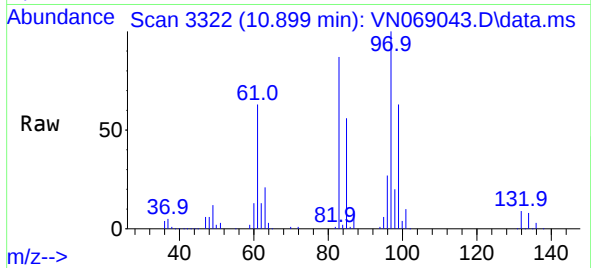
Tgt Ion: 75 Resp: 305574  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.6 38.4  
39 52.3 42.9 64.3





#55  
1,1,2-Trichloroethane  
Concen: 54.335 ug/l  
RT: 10.899 min Scan# 3322  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

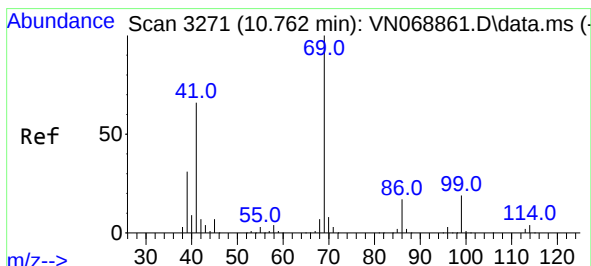
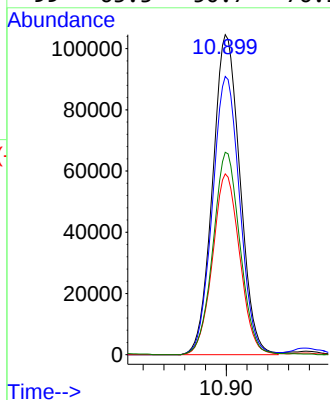
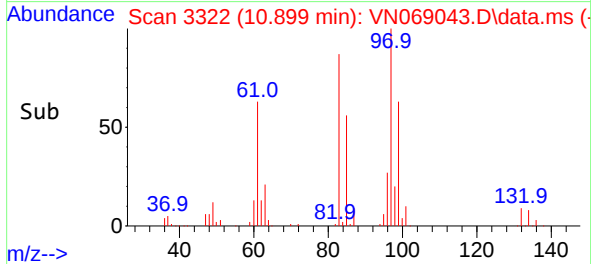


Tgt Ion: 97 Resp: 191358

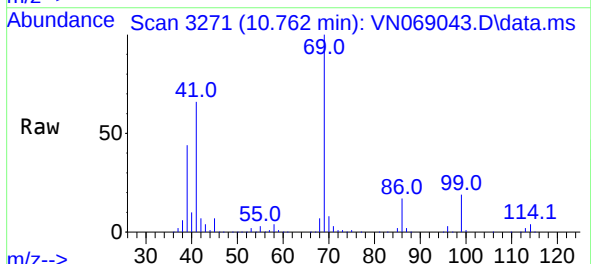
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.9  | 70.5  | 105.7 |
| 85  | 56.5  | 45.3  | 67.9  |
| 99  | 63.3  | 50.7  | 76.1  |

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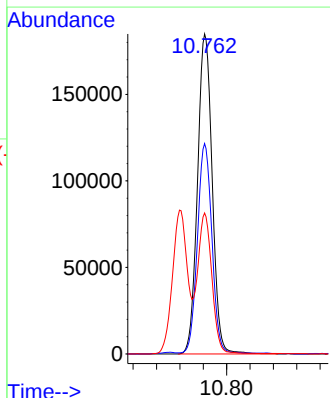
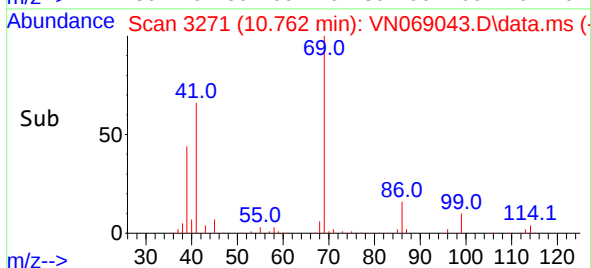


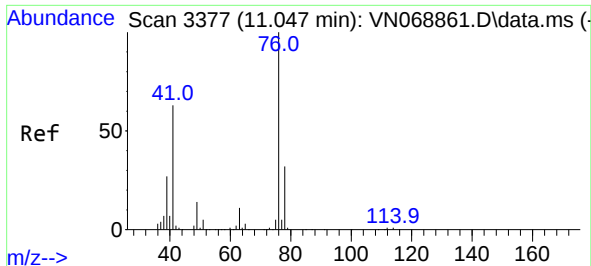
#56  
Ethyl methacrylate  
Concen: 54.616 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



Tgt Ion: 69 Resp: 322953

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.4  | 53.3  | 79.9  |
| 39  | 41.4  | 33.3  | 49.9  |





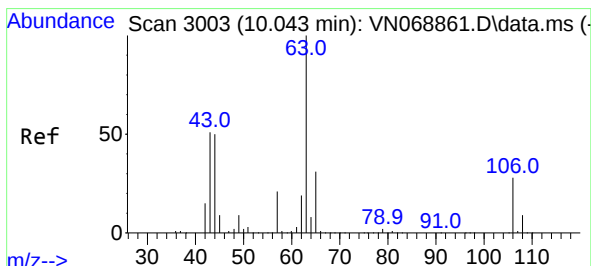
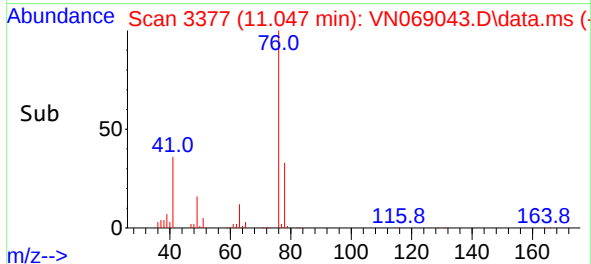
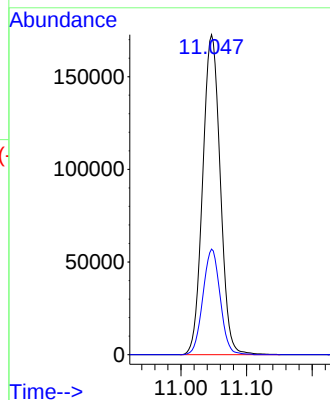
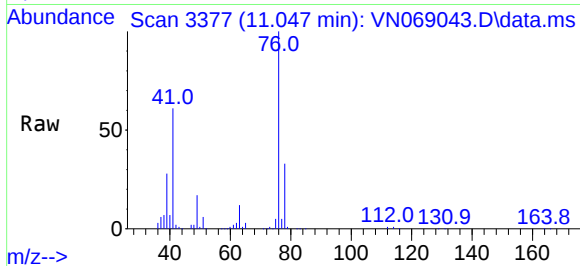
#57  
1,3-Dichloropropane  
Concen: 55.267 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 76 Resp: 320949  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.8 38.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

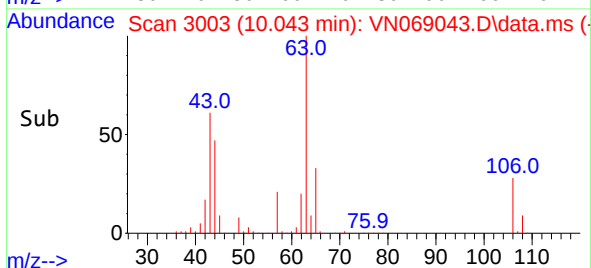
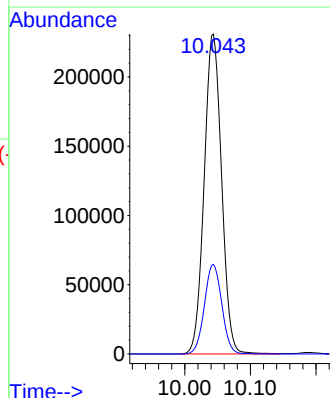
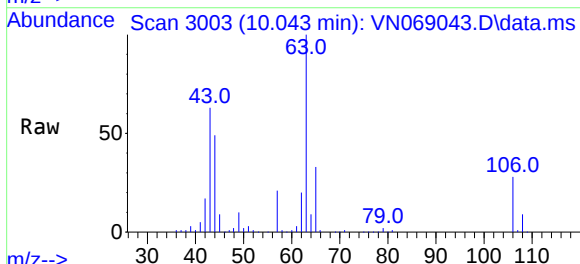
Manual Integrations  
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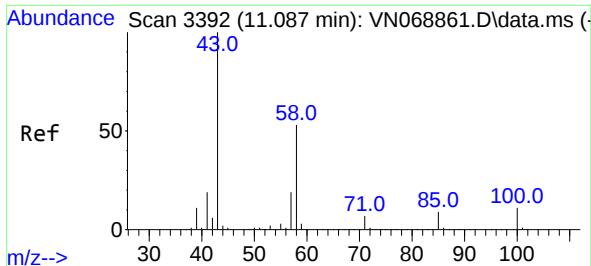
MMDadoda  
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#58  
2-Chloroethyl Vinyl ether  
Concen: 244.908 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 63 Resp: 425286  
Ion Ratio Lower Upper  
63 100  
106 27.9 22.2 33.2





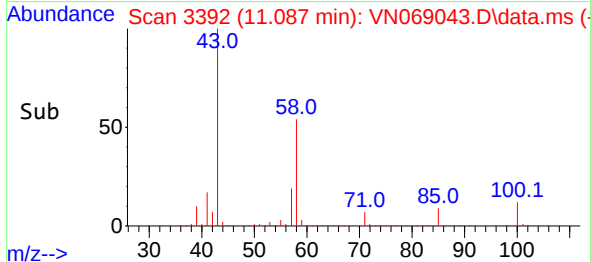
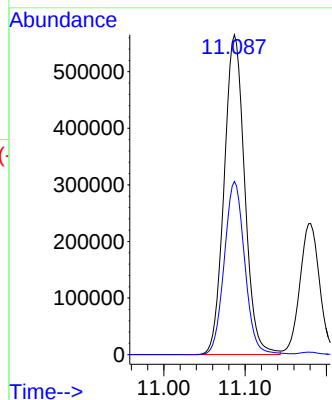
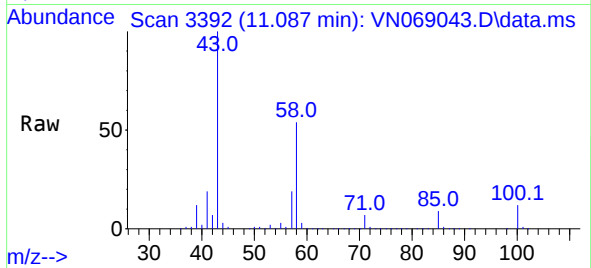
#59  
2-Hexanone  
Concen: 286.936 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 43 Resp: 991349  
Ion Ratio Lower Upper  
43 100  
58 54.1 26.9 80.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

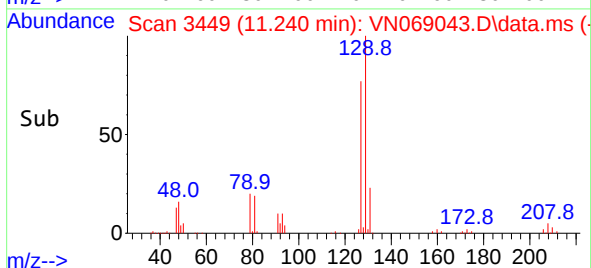
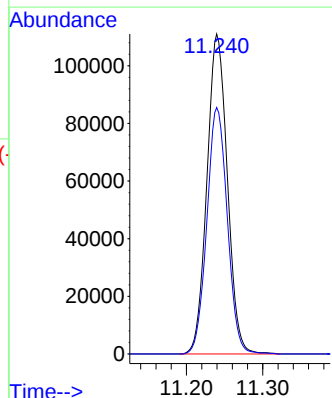
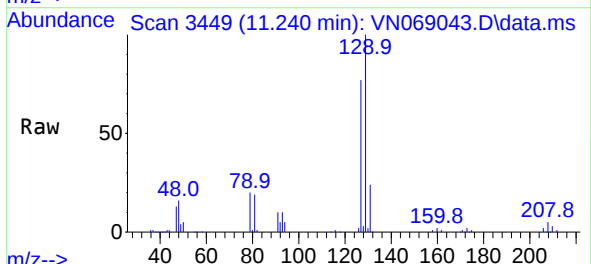
Manual Integrations  
APPROVED

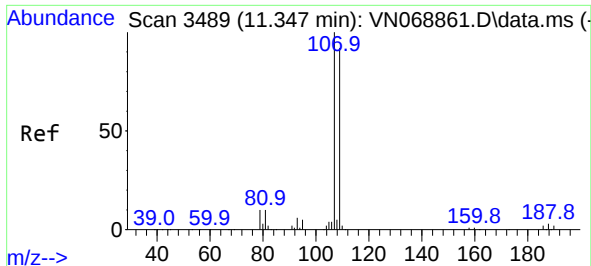
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#60  
Dibromochloromethane  
Concen: 51.957 ug/l  
RT: 11.240 min Scan# 3449  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion:129 Resp: 206545  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.1 117.2





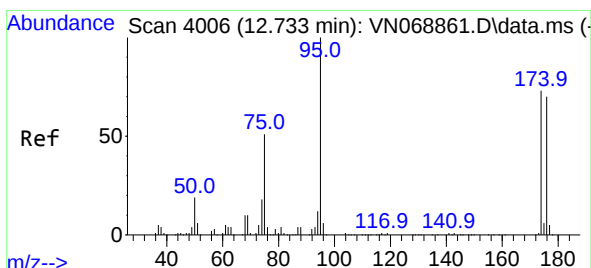
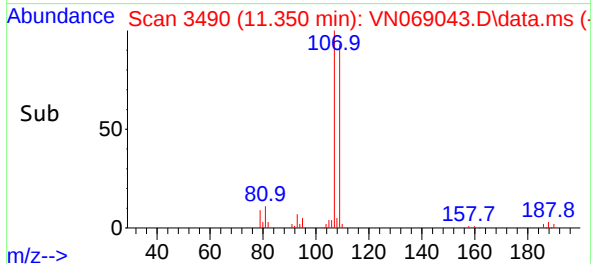
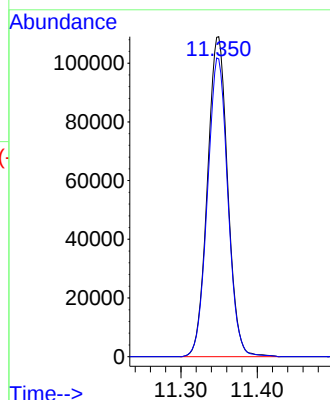
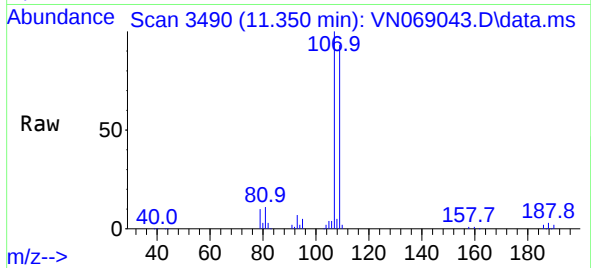
#61  
1,2-Dibromoethane  
Concen: 55.690 ug/l  
RT: 11.350 min Scan# 3490  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:107 Resp: 201175  
Ion Ratio Lower Upper  
107 100  
109 93.6 74.7 112.1

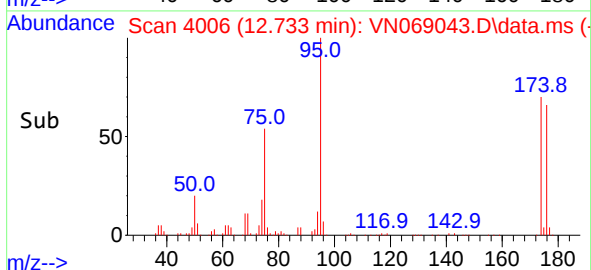
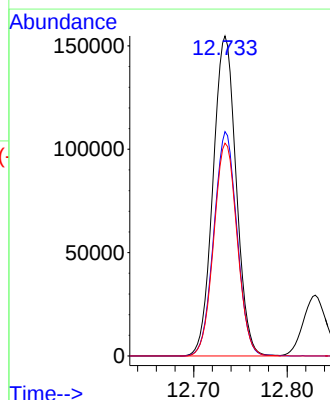
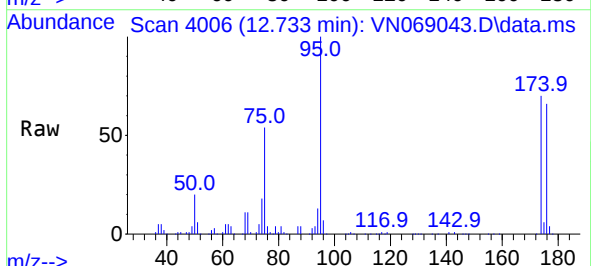
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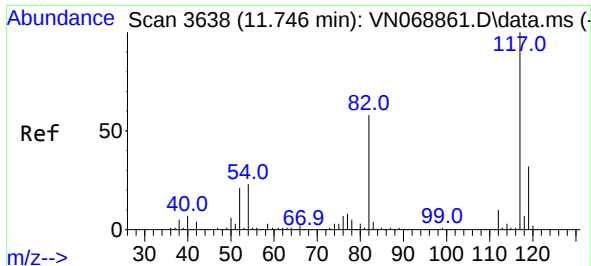
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#62  
4-Bromofluorobenzene  
Concen: 56.762 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 95 Resp: 266121  
Ion Ratio Lower Upper  
95 100  
174 70.1 0.0 144.8  
176 67.4 0.0 140.0





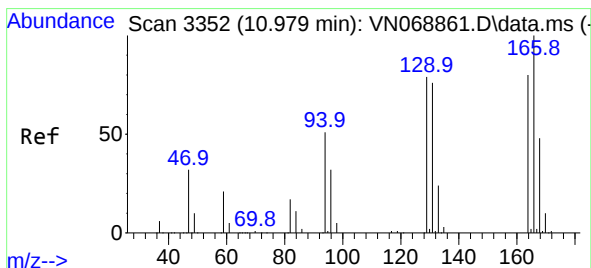
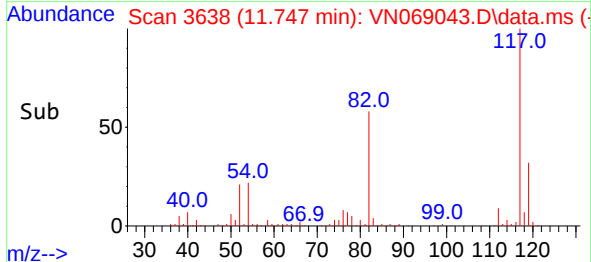
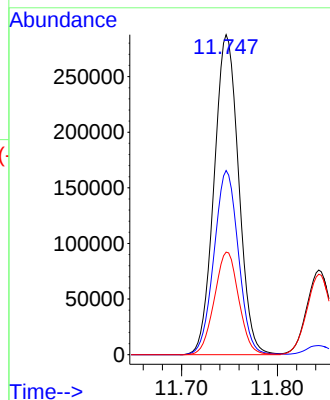
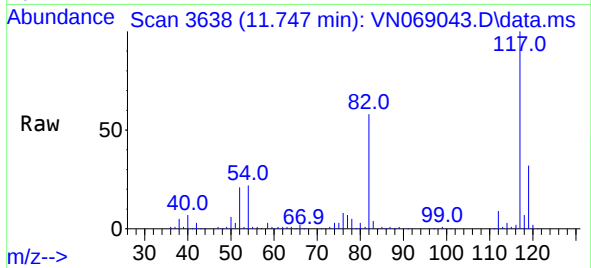
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tgt Ion:117 Resp: 510956  
Ion Ratio Lower Upper  
117 100  
82 57.5 46.4 69.6  
119 32.1 26.0 39.0

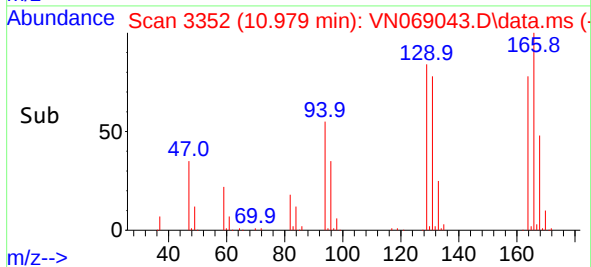
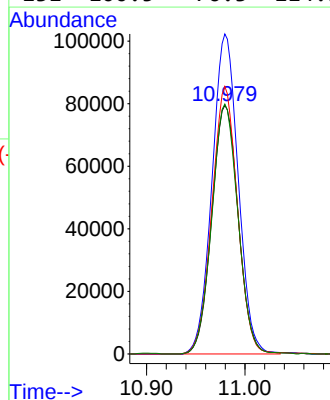
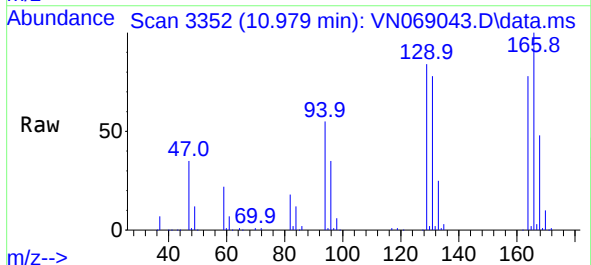
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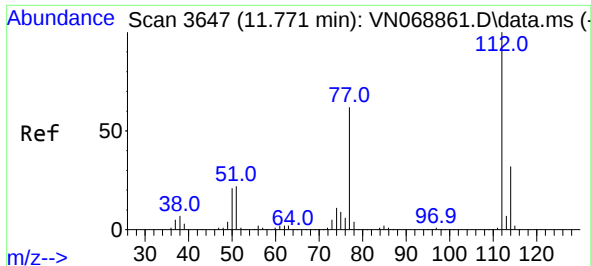
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#64  
Tetrachloroethene  
Concen: 45.128 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

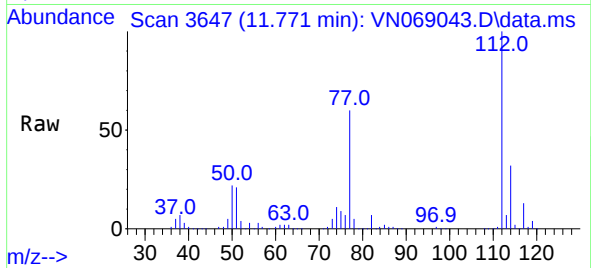
Tgt Ion:164 Resp: 148540  
Ion Ratio Lower Upper  
164 100  
166 128.7 99.8 149.8  
129 107.6 79.2 118.8  
131 100.5 76.3 114.5





#65  
Chlorobenzene  
Concen: 53.389 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

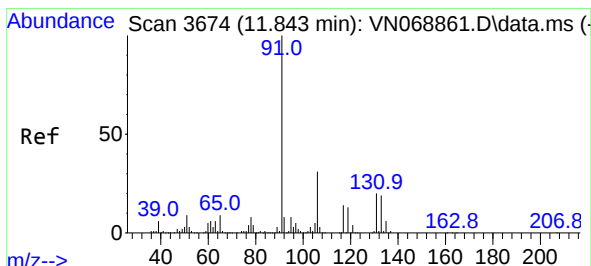
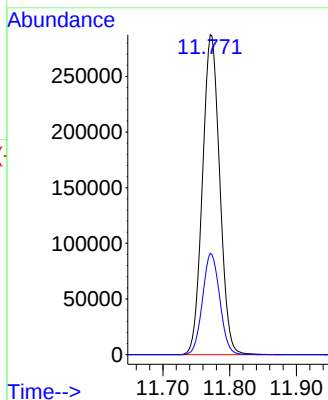
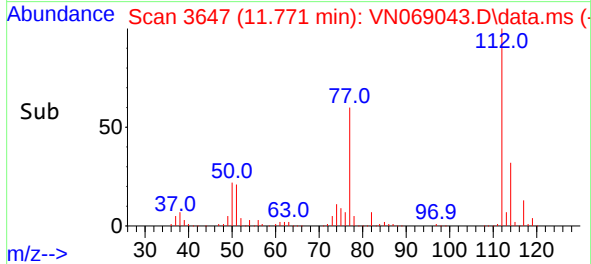
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



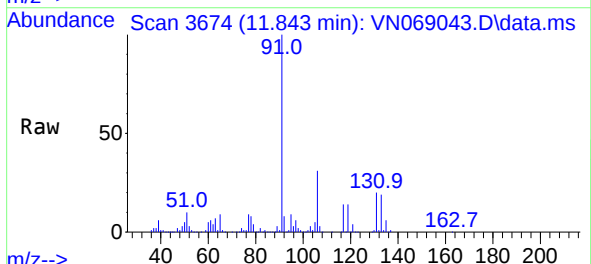
Tgt Ion:112 Resp: 516208  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.5 38.3

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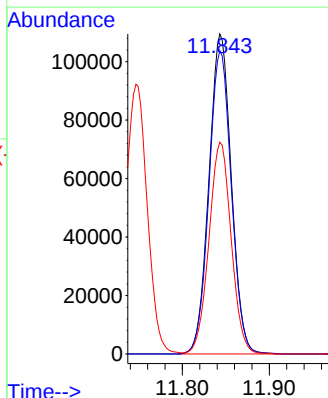
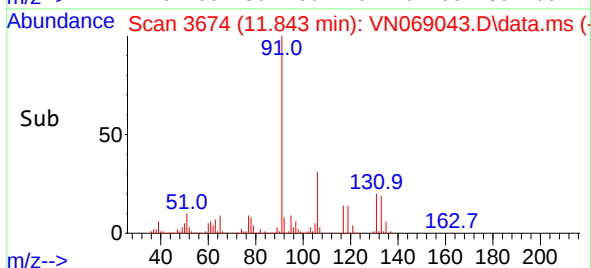
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.592 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



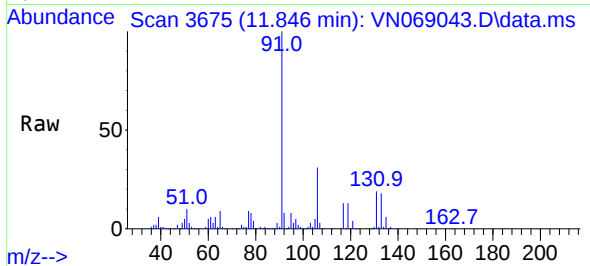
Tgt Ion:131 Resp: 195242  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.3 142.0  
119 66.0 33.0 99.0





#67  
Ethyl Benzene  
Concen: 53.390 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

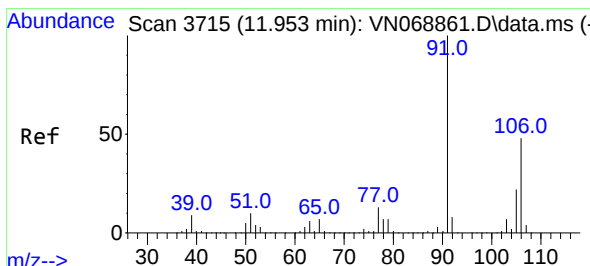
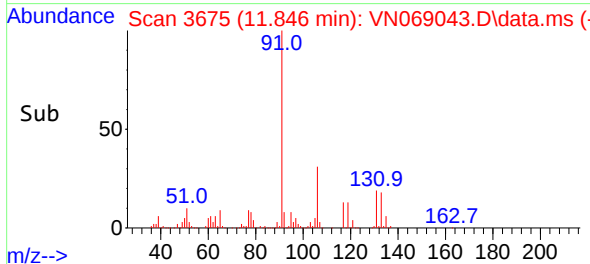
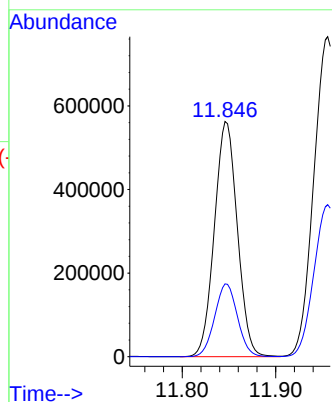
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 91 Resp: 958888  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.8 37.2

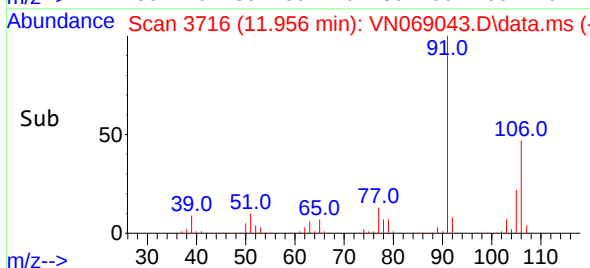
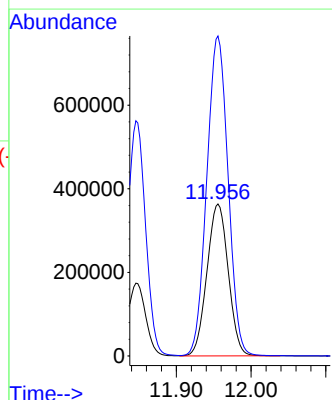
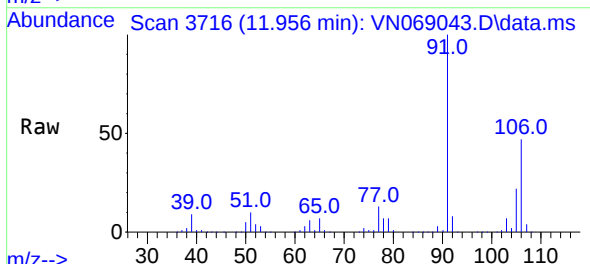
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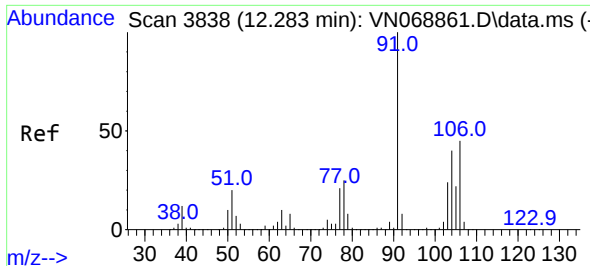
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#68  
m/p-Xylenes  
Concen: 105.716 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 106 Resp: 719762  
Ion Ratio Lower Upper  
106 100  
91 210.3 166.8 250.2





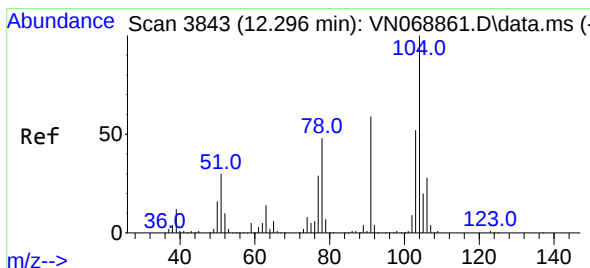
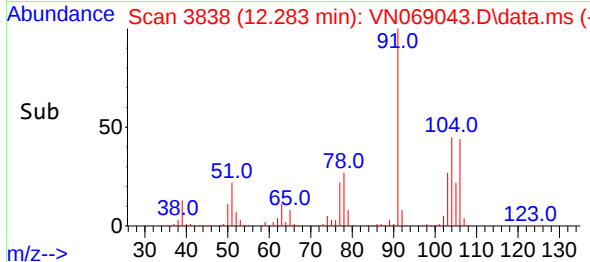
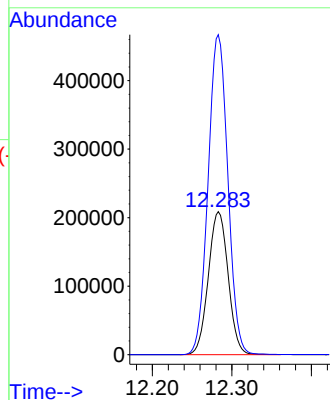
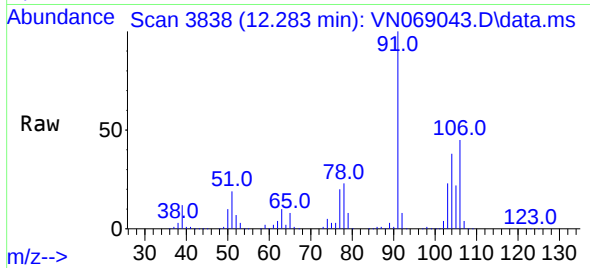
#69  
o-Xylene  
Concen: 53.089 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion:106 Resp: 361799  
Ion Ratio Lower Upper  
106 100  
91 223.0 109.6 328.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

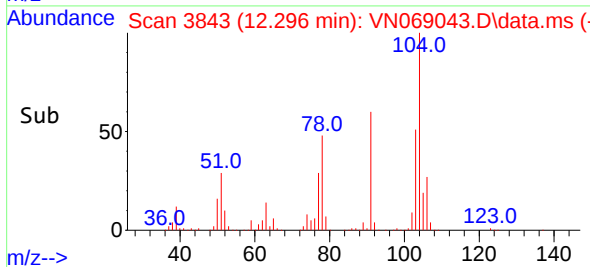
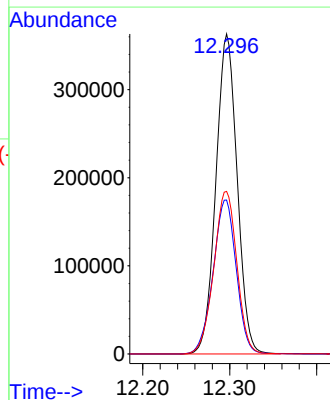
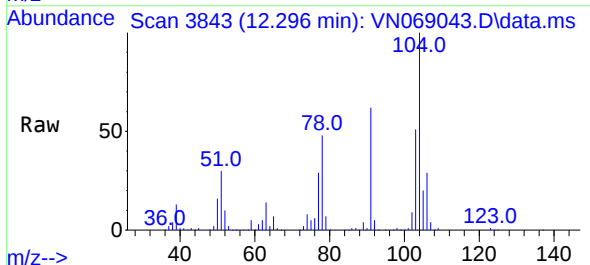
Manual Integrations  
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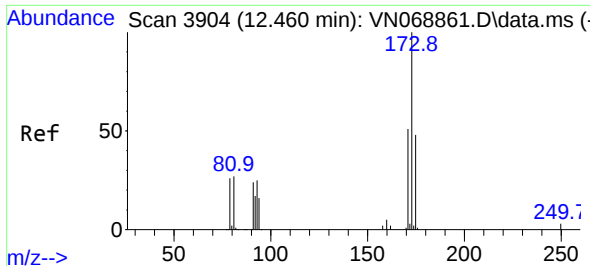
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#70  
Styrene  
Concen: 55.575 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion:104 Resp: 616524  
Ion Ratio Lower Upper  
104 100  
78 52.5 42.2 63.4  
103 55.3 44.4 66.6





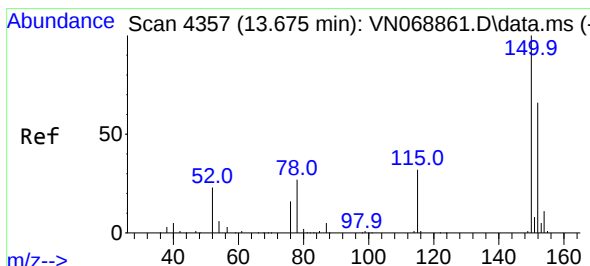
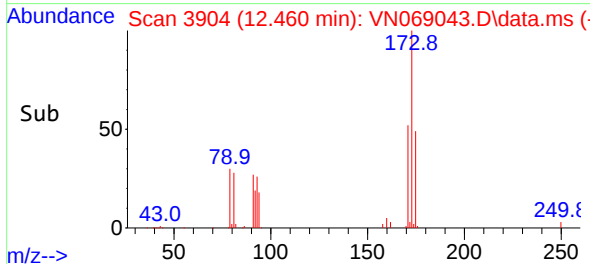
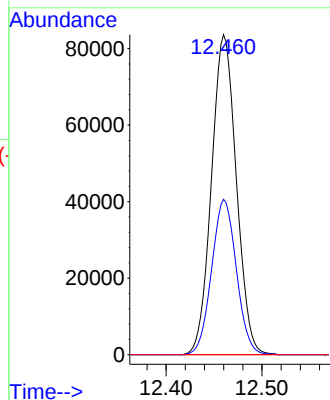
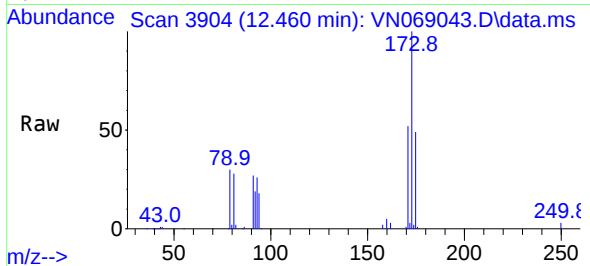
#71  
Bromoform  
Concen: 49.691 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion:173 Resp: 150641  
Ion Ratio Lower Upper  
173 100  
175 48.3 23.8 71.5  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

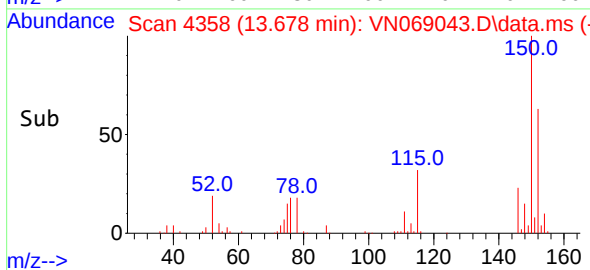
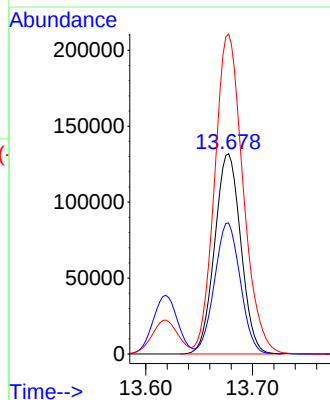
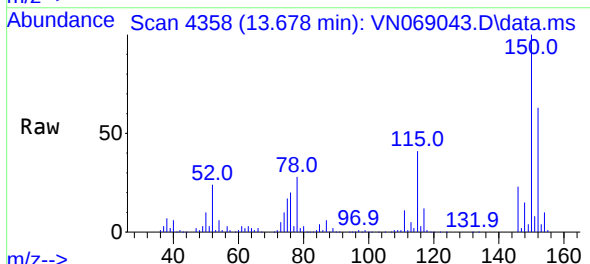
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

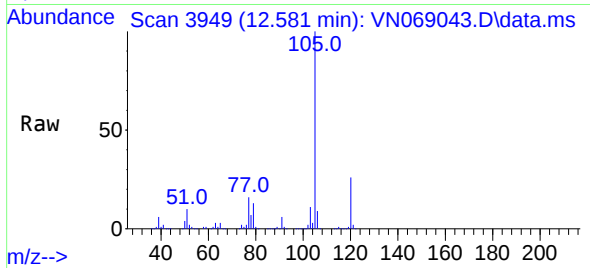
Tgt Ion:152 Resp: 224414  
Ion Ratio Lower Upper  
152 100  
115 64.8 31.4 94.3  
150 174.0 0.0 351.0





#73  
Isopropylbenzene  
Concen: 51.895 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

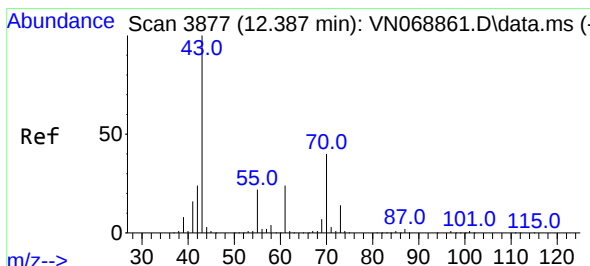
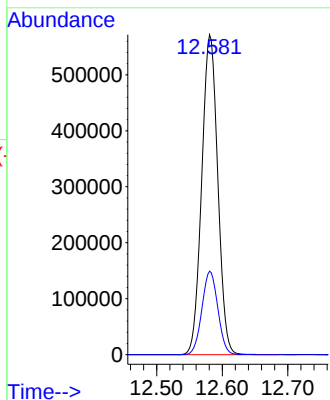
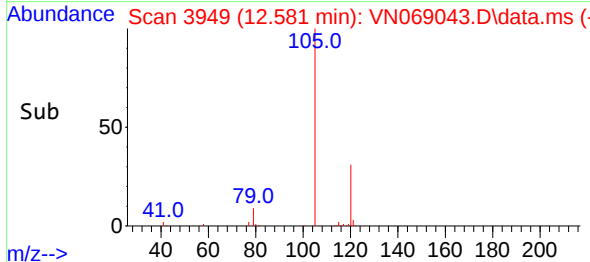
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



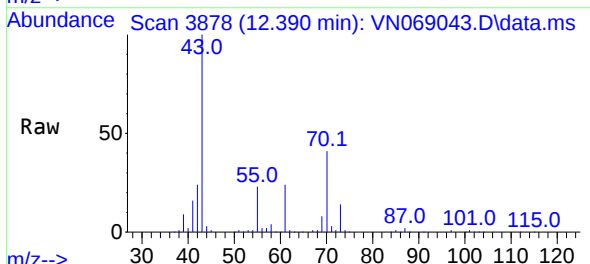
Tgt Ion:105 Resp: 969345  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.1 39.3

Manual Integrations  
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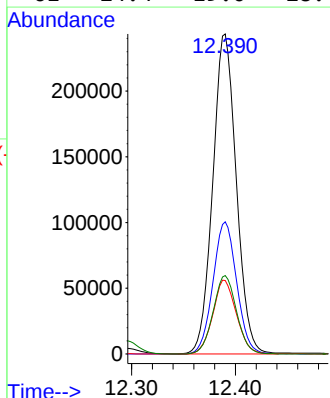
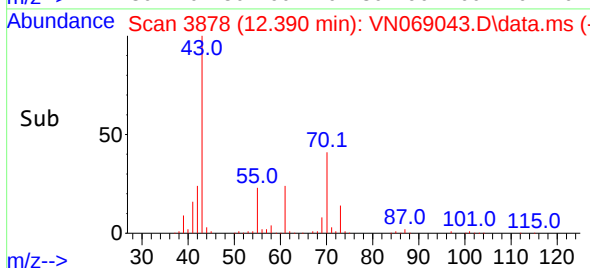
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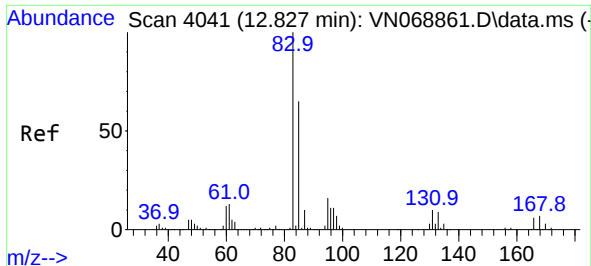


#74  
N-ethyl acetate  
Concen: 54.169 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



Tgt Ion: 43 Resp: 383346  
Ion Ratio Lower Upper  
43 100  
70 41.6 32.2 48.2  
55 23.3 18.0 27.0  
61 24.4 19.0 28.4





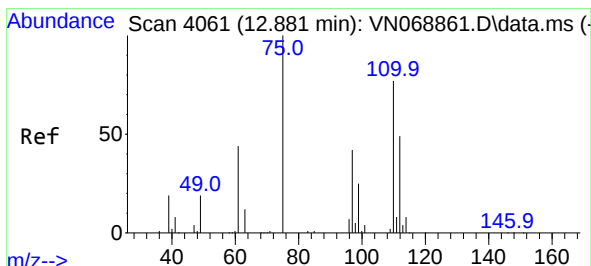
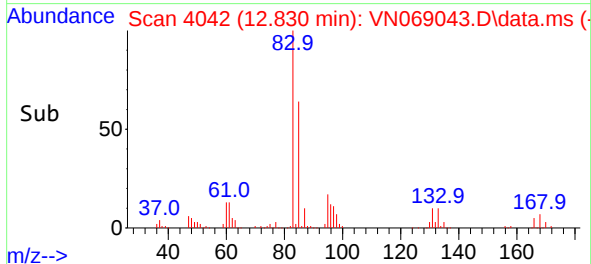
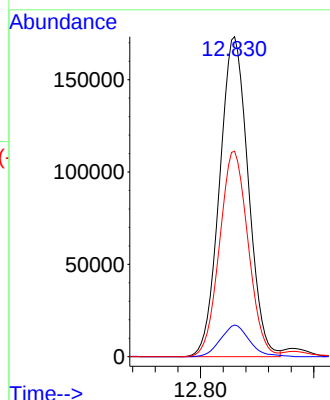
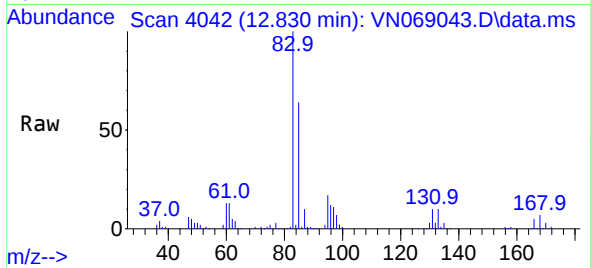
#75  
1,1,2,2-Tetrachloroethane  
Concen: 56.258 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 83 Resp: 303685  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.1 15.2  
85 64.3 32.3 96.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

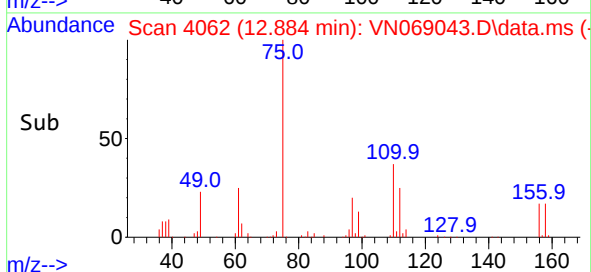
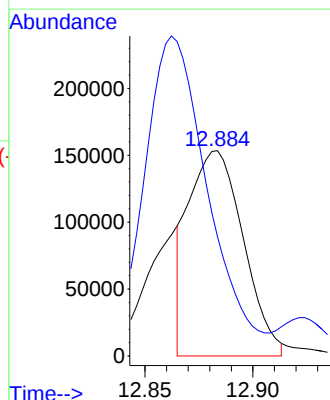
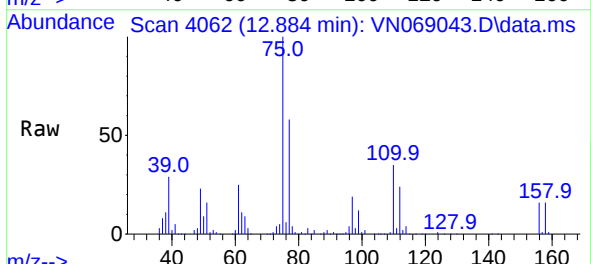
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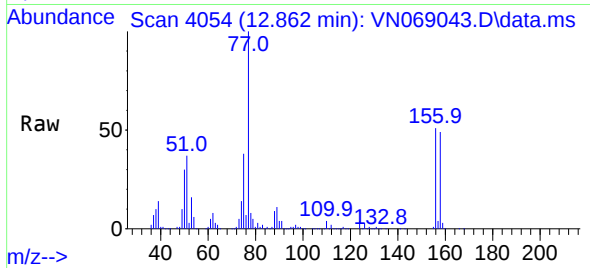
#76  
1,2,3-Trichloropropane  
Concen: 56.482 ug/l m  
RT: 12.884 min Scan# 4062  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 75 Resp: 269695  
Ion Ratio Lower Upper  
75 100  
77 0.0 96.2 288.4#

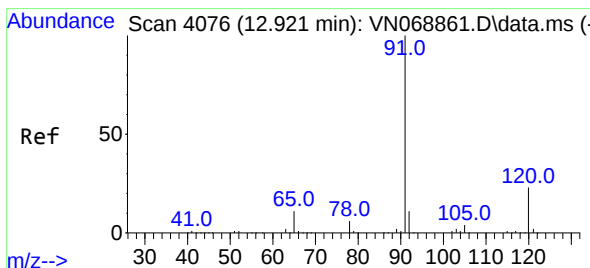
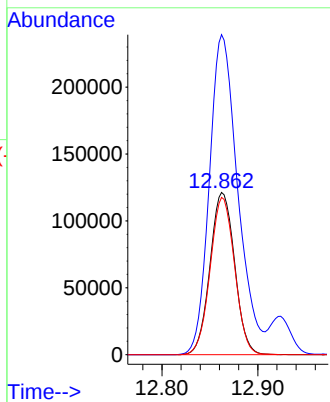
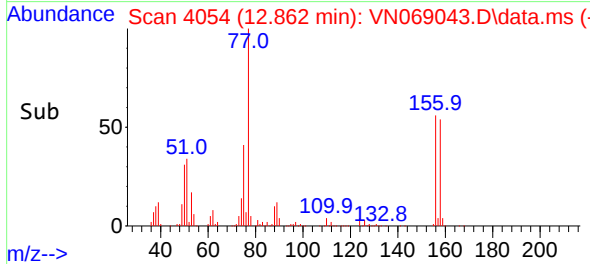




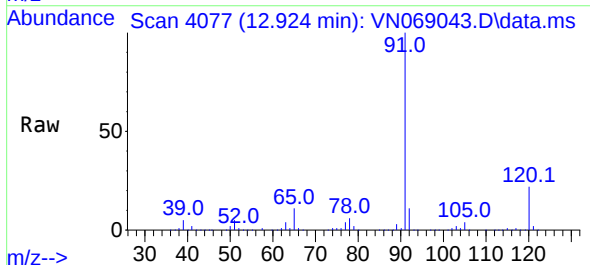
#77  
Bromobenzene  
Concen: 52.339 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



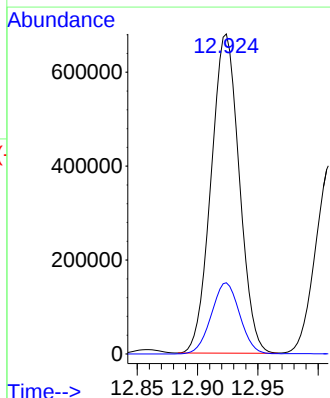
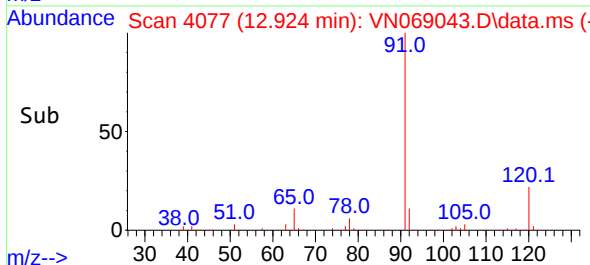
Tgt Ion:156 Resp: 216183  
Ion Ratio Lower Upper  
156 100  
77 228.1 111.8 335.3  
158 96.0 48.4 145.0



#78  
n-propylbenzene  
Concen: 52.663 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



Tgt Ion: 91 Resp: 1105472  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.4 34.1



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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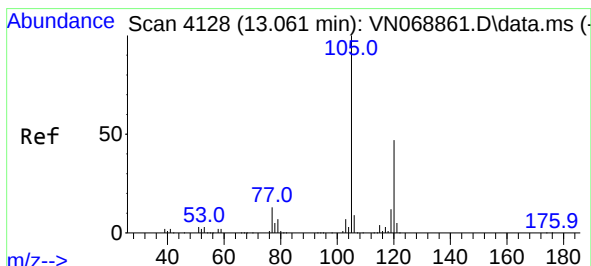
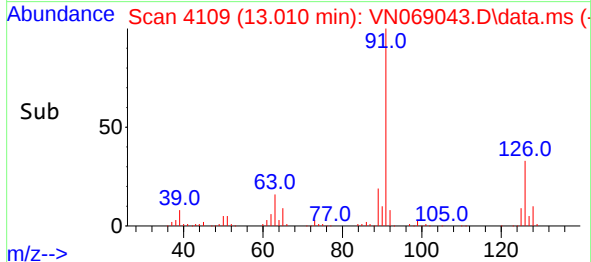
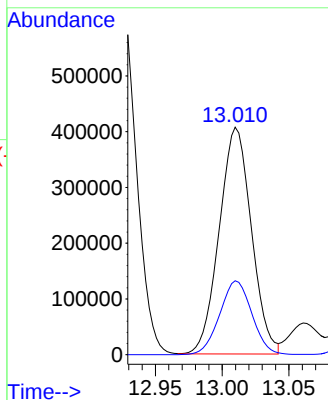
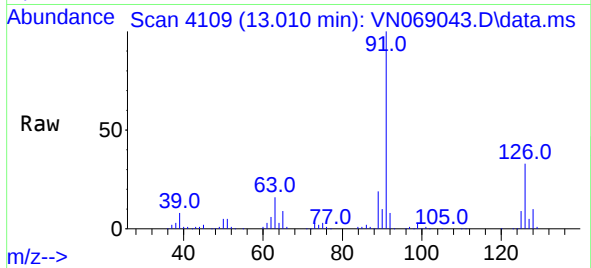
#79  
2-Chlorotoluene  
Concen: 52.810 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 683273  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.4 49.4

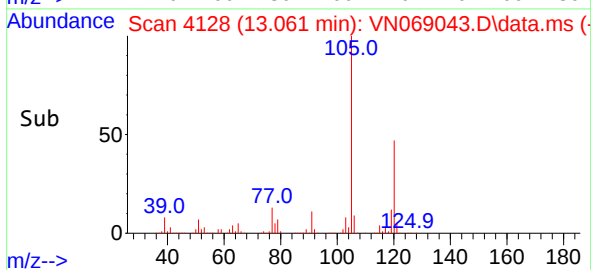
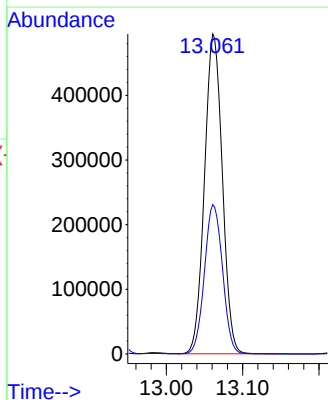
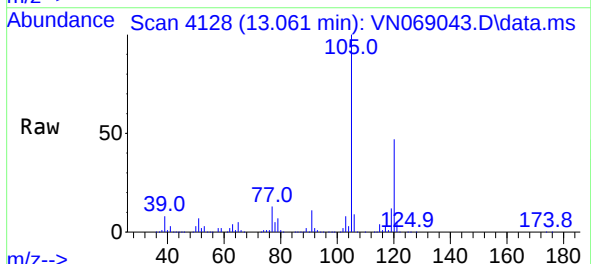
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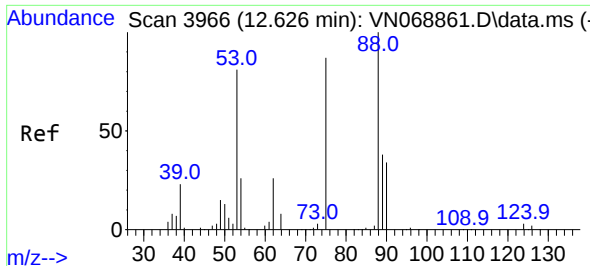
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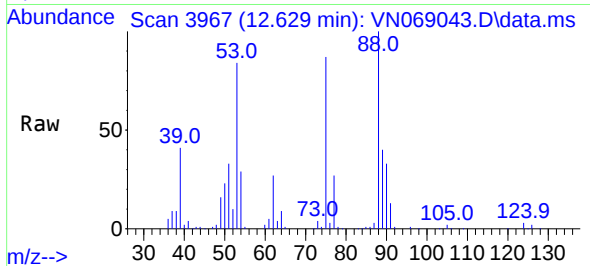
#80  
1,3,5-Trimethylbenzene  
Concen: 51.642 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion: 105 Resp: 803465  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.4 70.2

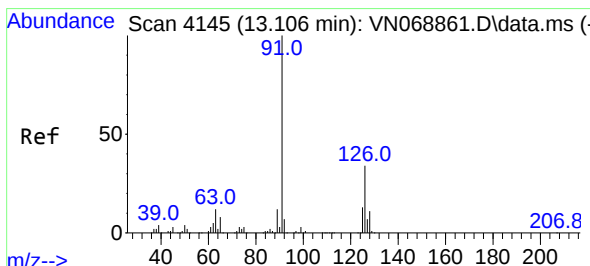
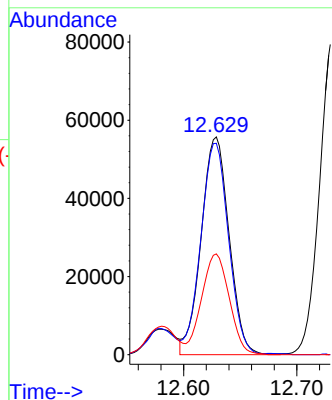
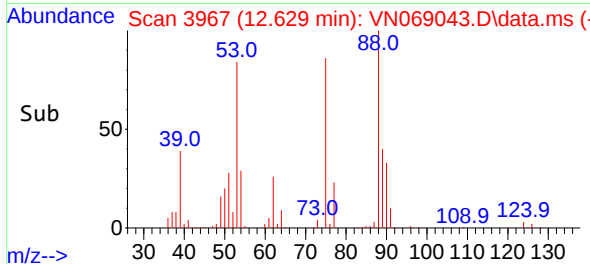




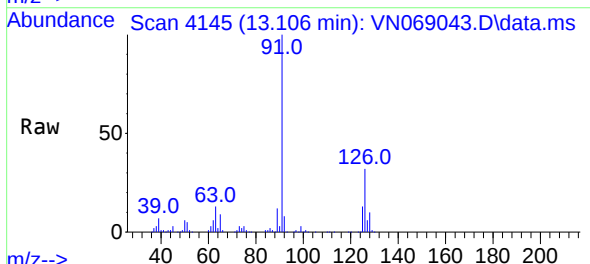
#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.766 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



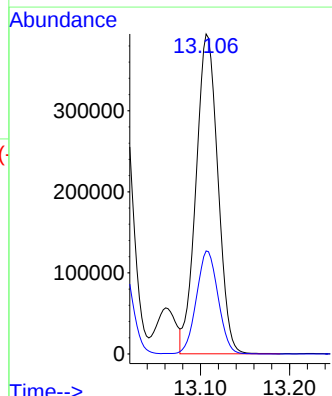
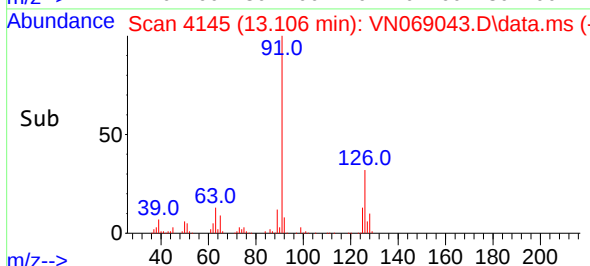
Tgt Ion: 75 Resp: 95332  
Ion Ratio Lower Upper  
75 100  
53 95.9 75.4 113.2  
89 45.8 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 53.683 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



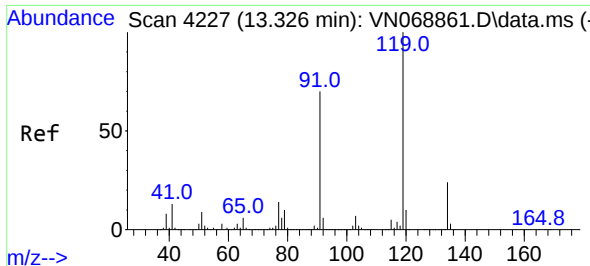
Tgt Ion: 91 Resp: 671186  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.3 48.8



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

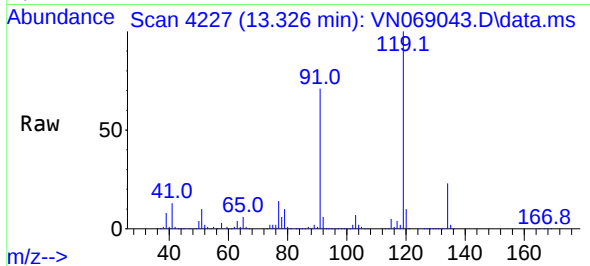
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#83  
tert-Butylbenzene  
Concen: 51.663 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

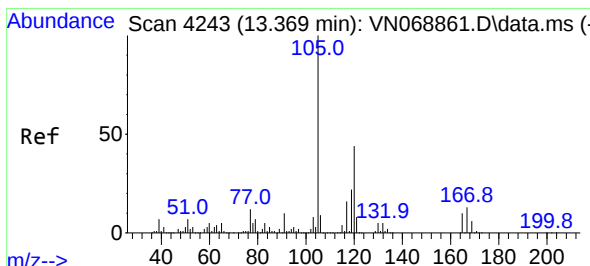
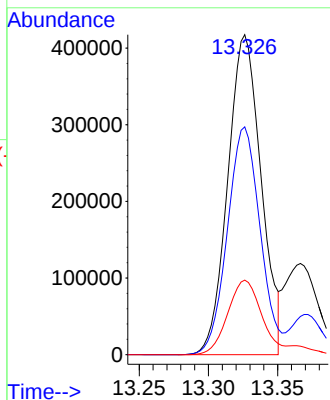
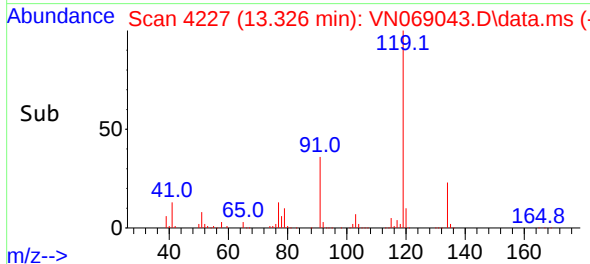
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



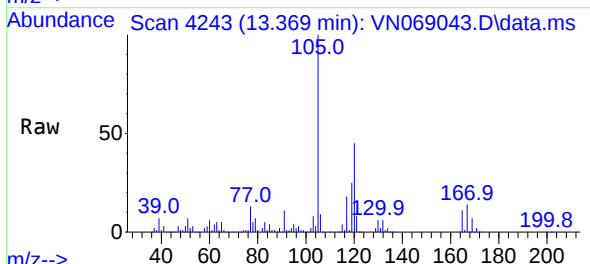
Tgt Ion:119 Resp: 699716  
Ion Ratio Lower Upper  
119 100  
91 70.1 34.6 103.9  
134 23.8 12.6 37.6

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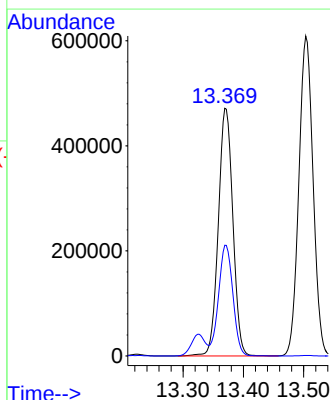
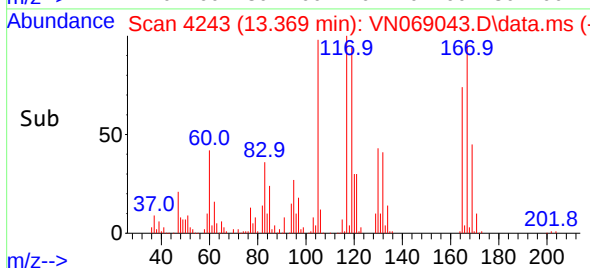
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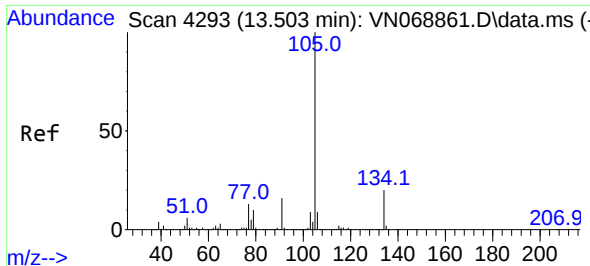


#84  
1,2,4-Trimethylbenzene  
Concen: 52.625 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



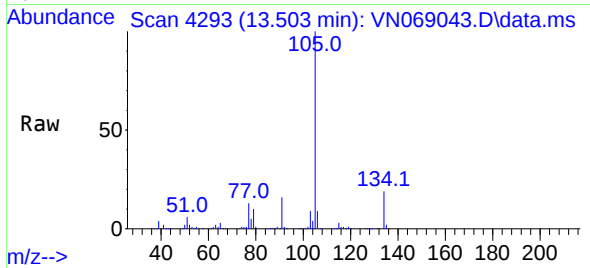
Tgt Ion:105 Resp: 788880  
Ion Ratio Lower Upper  
105 100  
120 44.2 21.9 65.5





#85  
 sec-Butylbenzene  
 Concen: 53.197 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN069043.D  
 Acq: 19 Oct 2021 23:16

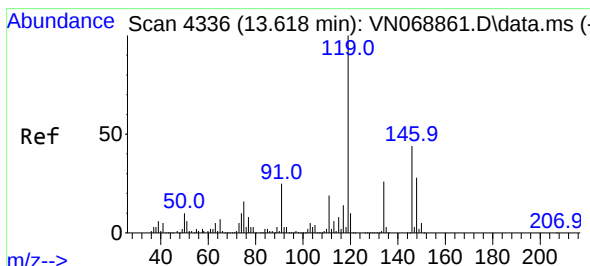
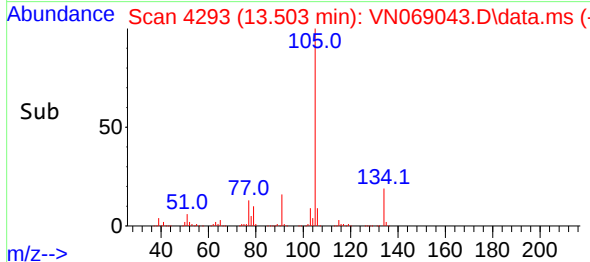
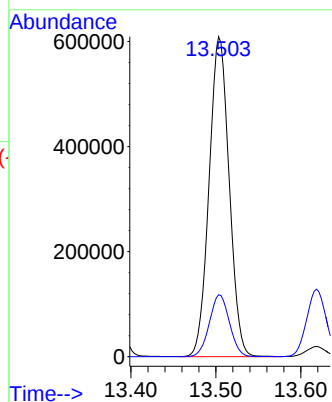
Instrument :  
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 ClientSampleId :  
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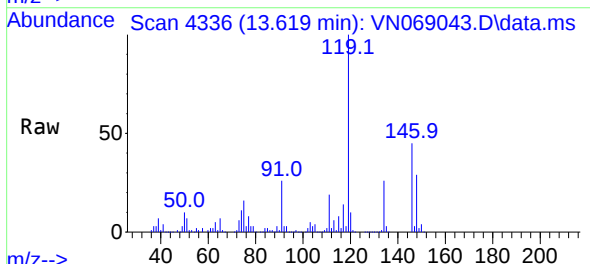
Tgt Ion:105 Resp: 997830  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.8 29.4

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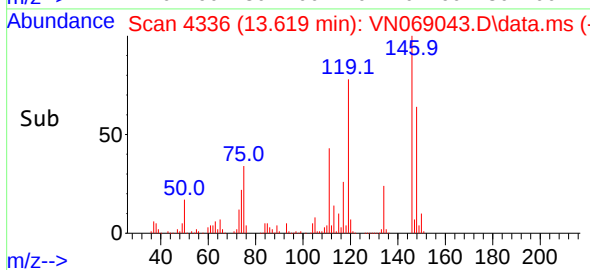
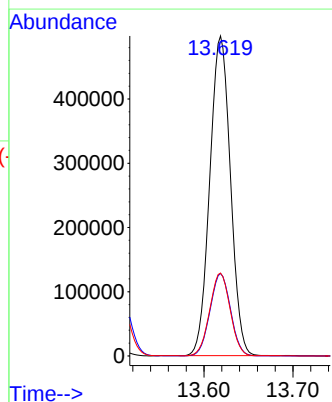
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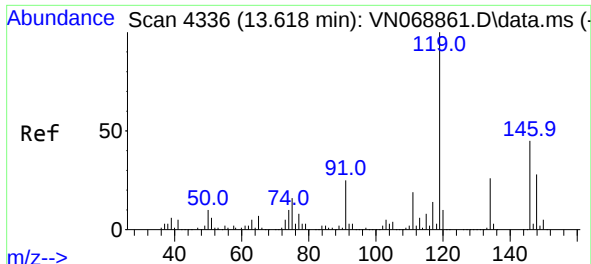


#86  
 p-Isopropyltoluene  
 Concen: 53.225 ug/l  
 RT: 13.619 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN069043.D  
 Acq: 19 Oct 2021 23:16



Tgt Ion:119 Resp: 800767  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.9 38.6  
 91 25.6 12.8 38.4





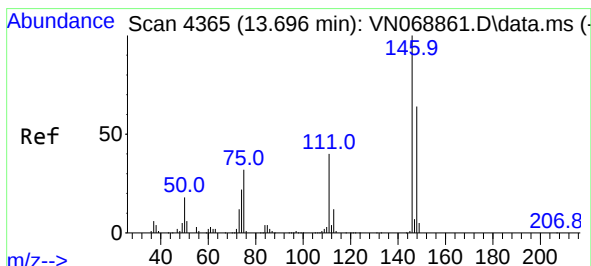
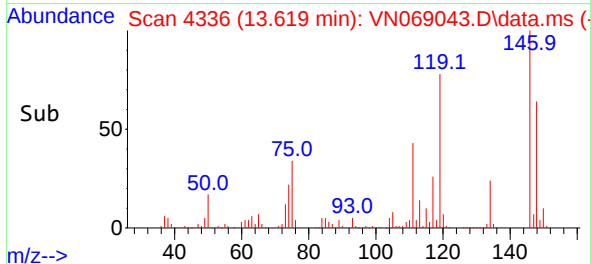
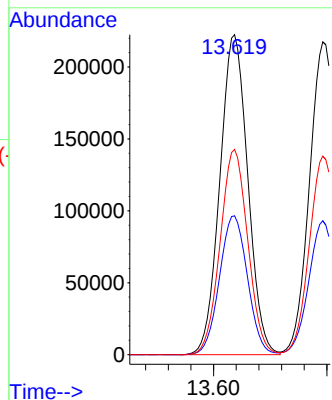
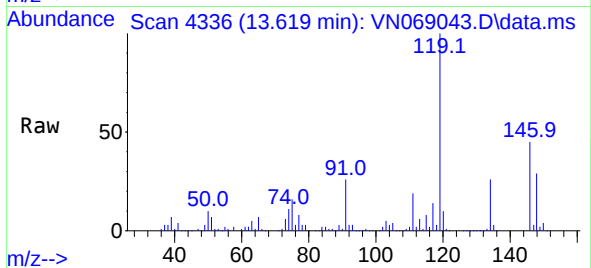
#87  
1,3-Dichlorobenzene  
Concen: 53.303 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion:146 Resp: 380827  
Ion Ratio Lower Upper  
146 100  
111 43.5 21.4 64.2  
148 63.6 32.0 96.2

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

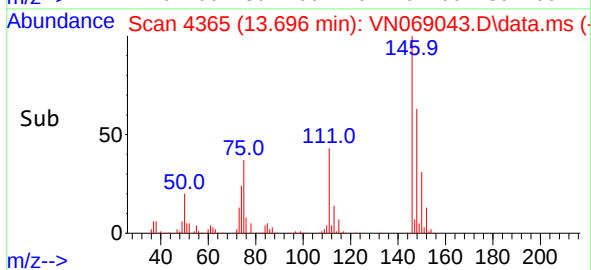
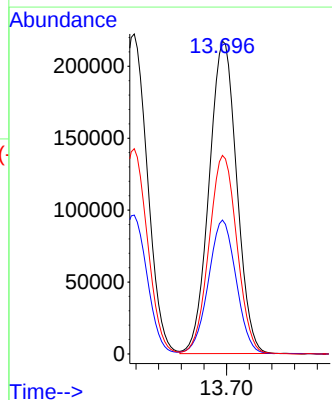
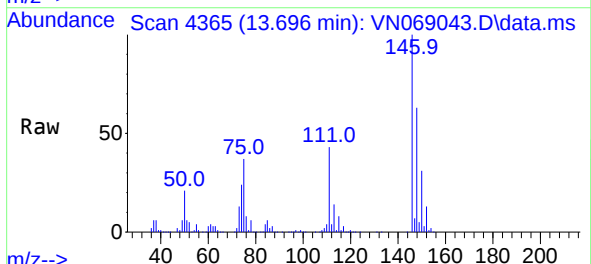
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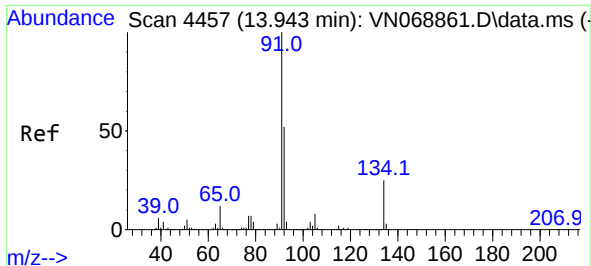
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#88  
1,4-Dichlorobenzene  
Concen: 51.858 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

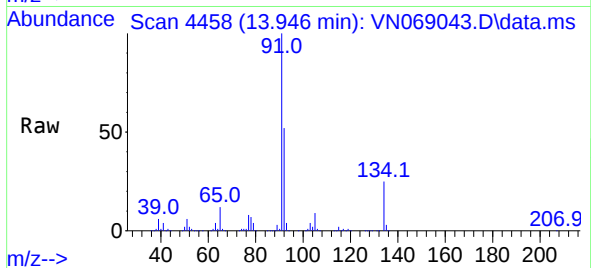
Tgt Ion:146 Resp: 367724  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.6 61.8  
148 64.5 32.1 96.5





#89  
n-Butylbenzene  
Concen: 52.640 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

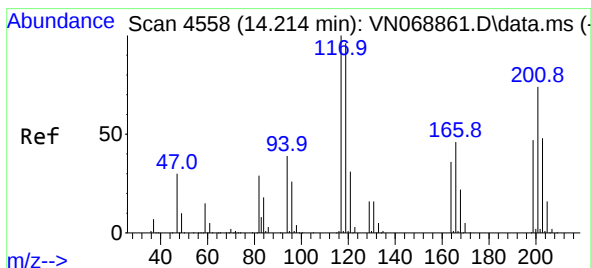
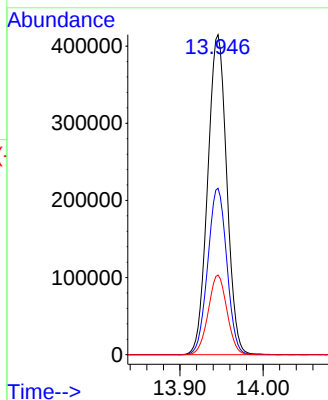
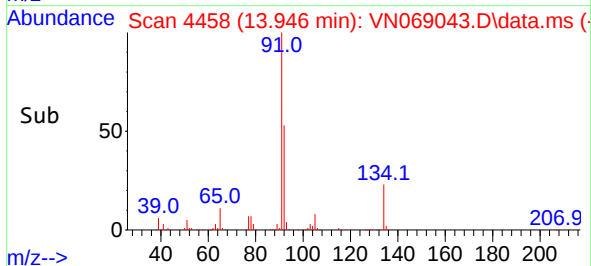
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ClientSampleId :  
VSTDCCC050



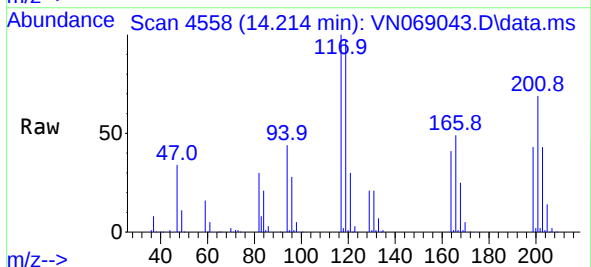
Tgt Ion: 91 Resp: 659307  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.0 78.0  
134 24.5 12.5 37.5

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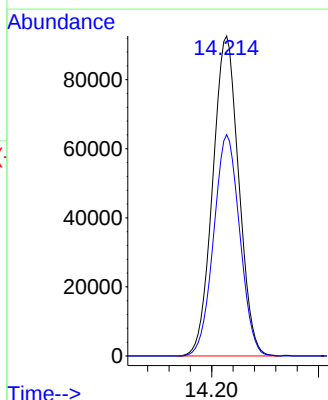
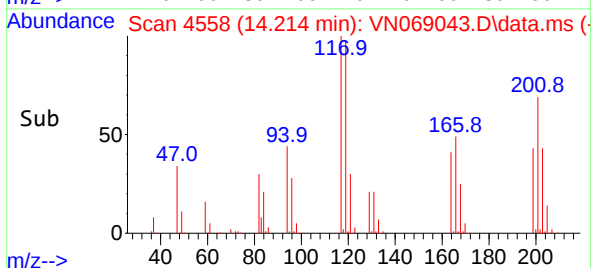
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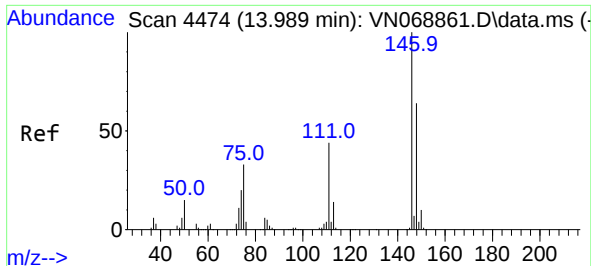


#90  
Hexachloroethane  
Concen: 49.577 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



Tgt Ion: 117 Resp: 156684  
Ion Ratio Lower Upper  
117 100  
201 69.5 37.1 111.5





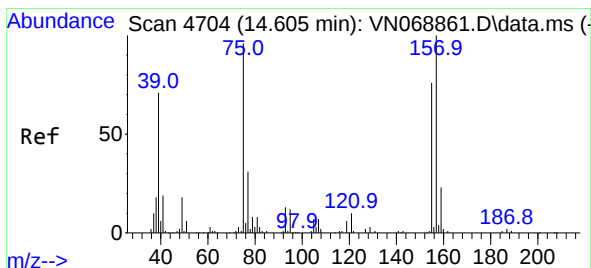
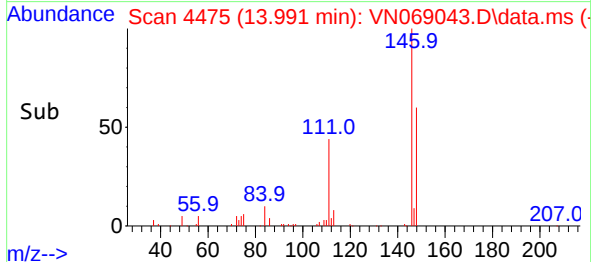
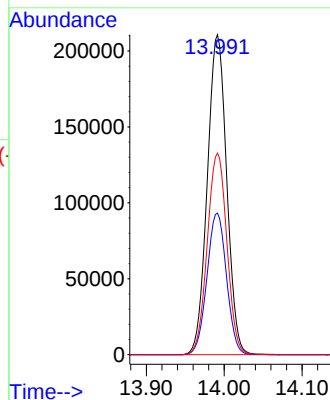
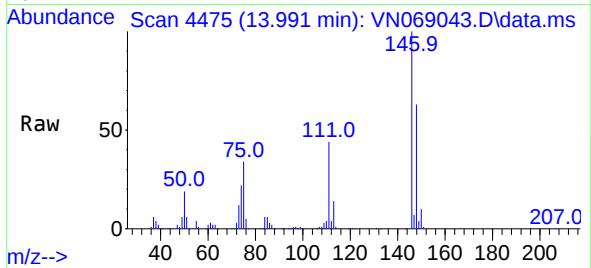
#91  
1,2-Dichlorobenzene  
Concen: 52.602 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.003 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

Tgt Ion:146 Resp: 365074  
Ion Ratio Lower Upper  
146 100  
111 44.7 22.0 66.0  
148 63.8 32.1 96.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

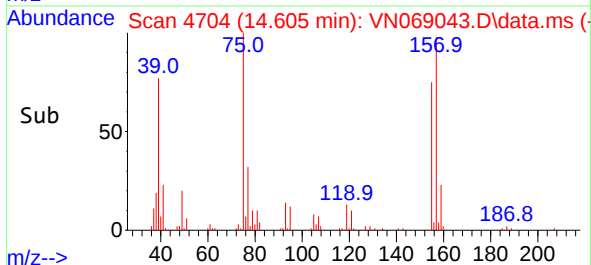
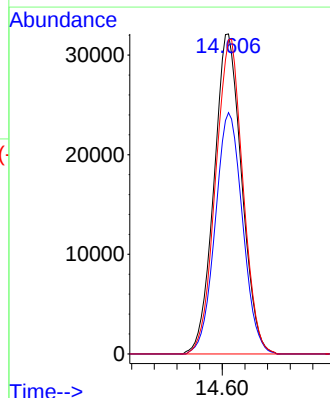
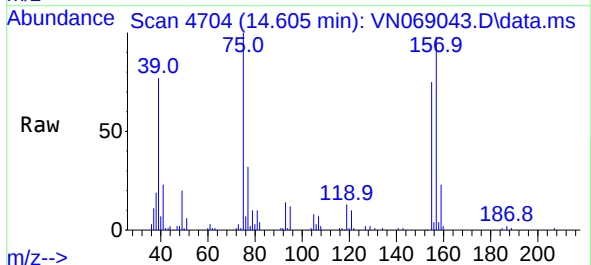
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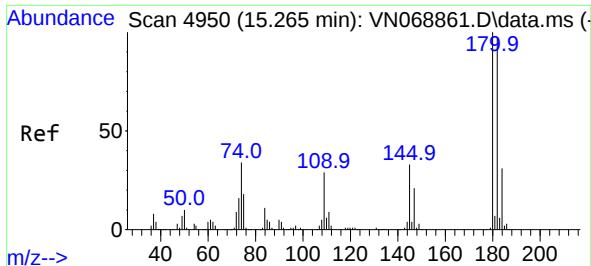
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.391 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

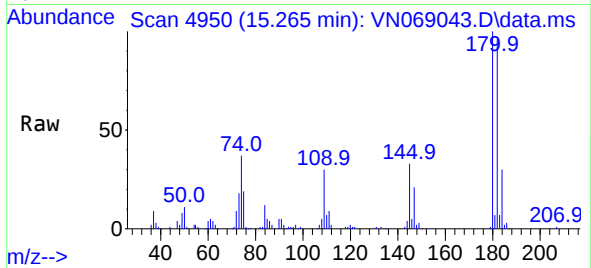
Tgt Ion: 75 Resp: 54527  
Ion Ratio Lower Upper  
75 100  
155 74.6 38.8 116.4  
157 97.0 50.2 150.6





#93  
1,2,4-Trichlorobenzene  
Concen: 43.570 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

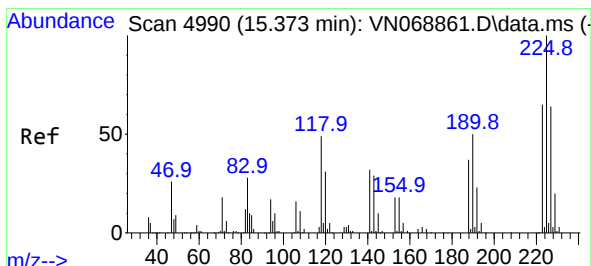
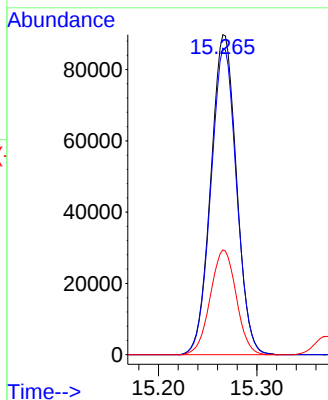
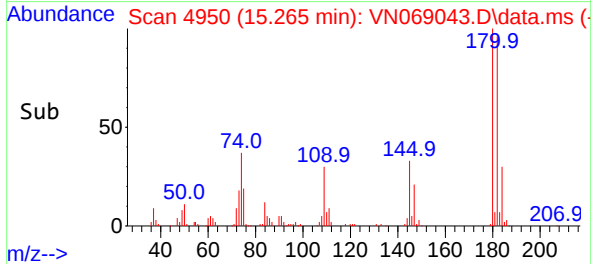
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050



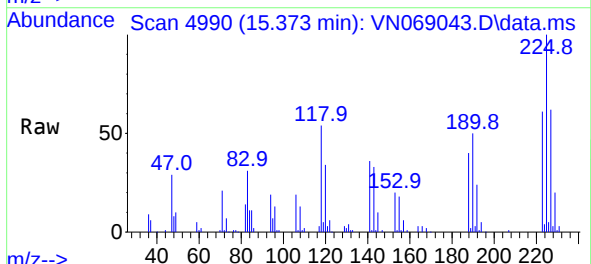
Tgt Ion:180 Resp: 162888  
Ion Ratio Lower Upper  
180 100  
182 95.9 47.9 143.7  
145 33.1 16.4 49.2

Manual Integrations  
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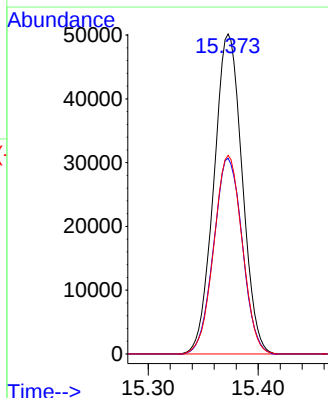
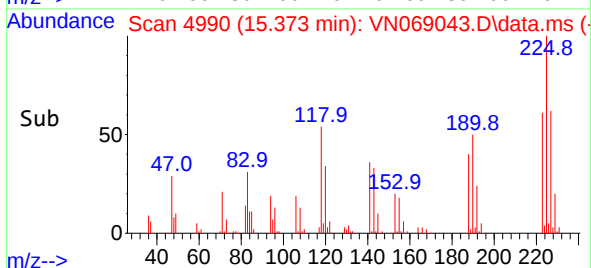
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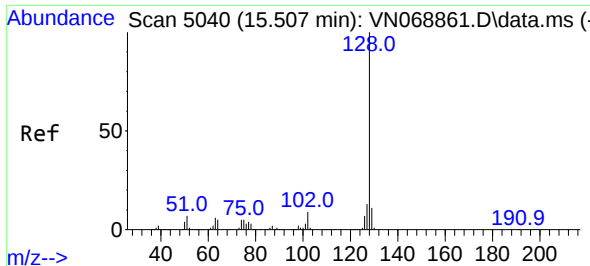


#94  
Hexachlorobutadiene  
Concen: 45.421 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16

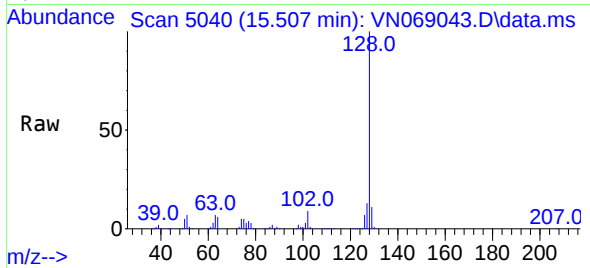


Tgt Ion:225 Resp: 89761  
Ion Ratio Lower Upper  
225 100  
223 61.9 31.5 94.5  
227 62.0 31.6 94.7

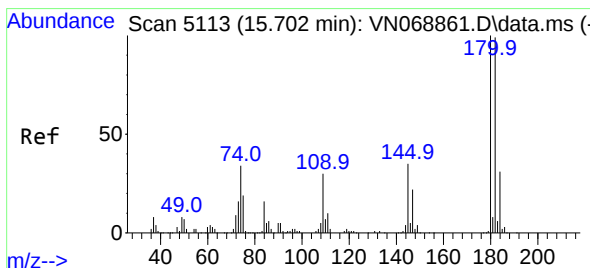
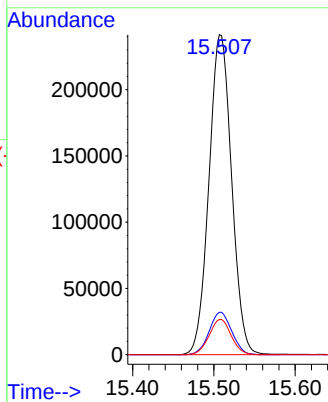
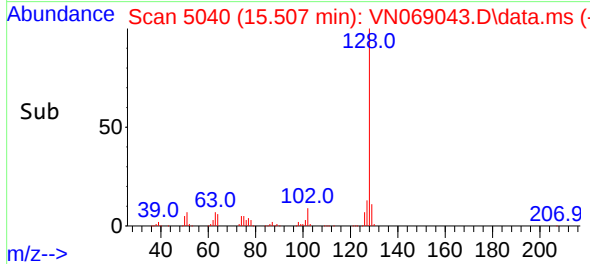




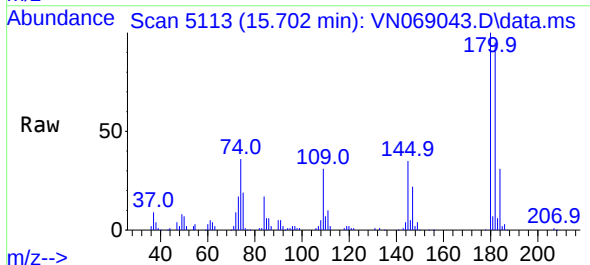
#95  
Naphthalene  
Concen: 45.316 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



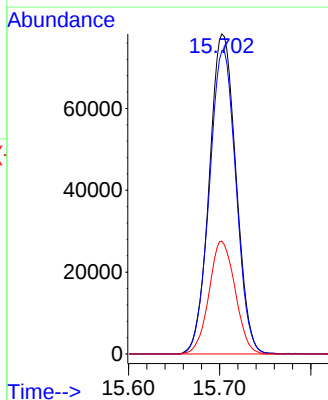
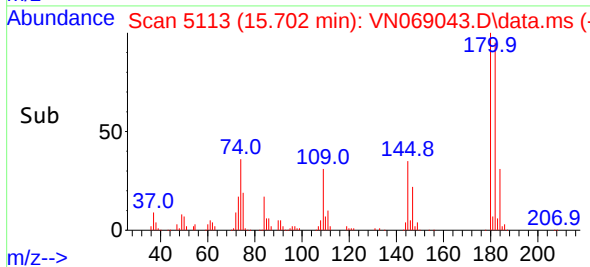
Tgt Ion:128 Resp: 467923  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.5 15.7  
129 10.7 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 44.560 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN069043.D  
Acq: 19 Oct 2021 23:16



Tgt Ion:180 Resp: 158771  
Ion Ratio Lower Upper  
180 100  
182 94.7 48.1 144.3  
145 34.5 17.4 52.2



Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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