

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071621\  
 Data File : VX023329.D  
 Acq On : 16 Jul 2021 16:09  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/19/2021 5:53:17 PM

Quant Time: Jul 17 02:10:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 02 14:29:42 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 257674   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 402267   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 371513   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 195315   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 168966   | 48.790   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 97.580%  |
| 35) Dibromofluoromethane     | 5.391  | 113   | 127979   | 49.267   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 98.540%  |
| 50) Toluene-d8               | 8.653  | 98    | 459190   | 47.388   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 94.780%  |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 187127   | 50.023   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 100.040% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 109869   | 47.058   | ug/l   | 99       |
| 3) Chloromethane             | 1.295  | 50    | 98326    | 42.565   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 107805   | 44.055   | ug/l   | 98       |
| 5) Bromomethane              | 1.599  | 94    | 60571    | 48.109   | ug/l   | 98       |
| 6) Chloroethane              | 1.679  | 64    | 69926    | 43.701   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.880  | 101   | 199174   | 46.835   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136  | 74    | 71760    | 45.718   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 127402   | 51.193   | ug/l   | 96       |
| 10) Methyl Iodide            | 2.453  | 142   | 143395   | 46.924   | ug/l   | 92       |
| 11) Tert butyl alcohol       | 2.983  | 59    | 174226   | 239.139  | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 109647   | 47.736   | ug/l   | 96       |
| 13) Acrolein                 | 2.239  | 56    | 104330   | 215.049  | ug/l   | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 200291   | 50.181   | ug/l   | 92       |
| 15) Acrylonitrile            | 3.069  | 53    | 364890   | 257.574  | ug/l   | 97       |
| 16) Acetone                  | 2.392  | 43    | 339403   | 247.718  | ug/l   | 90       |
| 17) Carbon Disulfide         | 2.508  | 76    | 208823   | 43.107   | ug/l   | 100      |
| 18) Methyl Acetate           | 2.709  | 43    | 177690   | 53.426   | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 3.123  | 73    | 446544   | 51.981   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 131490   | 44.574   | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 117748   | 47.466   | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.770  | 45    | 411601   | 48.914   | ug/l   | 98       |
| 23) Vinyl Acetate            | 3.727  | 43    | 1795895  | 252.166  | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 238638   | 50.192   | ug/l   | 98       |
| 25) 2-Butanone               | 4.568  | 43    | 529003   | 256.044  | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 212510   | 53.253   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 146480   | 48.750   | ug/l   | 95       |
| 28) Bromochloromethane       | 4.904  | 49    | 103162   | 45.735   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 5.013  | 42    | 333513   | 251.119  | ug/l   | 93       |
| 30) Chloroform               | 5.099  | 83    | 261209   | 50.859   | ug/l   | 99       |
| 31) Cyclohexane              | 5.477  | 56    | 184858   | 44.582   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 236153   | 52.794   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 172650   | 48.144   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.727  | 43    | 201095   | 51.404   | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 5.684  | 117   | 209030   | 55.843   | ug/l   | 100      |
| 39) Methylcyclohexane        | 7.385  | 83    | 204671   | 48.798   | ug/l   | 96       |
| 40) Benzene                  | 6.044  | 78    | 500678   | 48.088   | ug/l   | 99       |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

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 7/19/2021 5:53:17 PM

Quant Time: Jul 17 02:10:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 02 14:29:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 113387   | 51.847  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 219777   | 52.532  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 332241   | 51.059  | ug/l   | 94       |
| 44) Trichloroethene           | 7.129  | 130  | 148680   | 50.339  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 134552   | 49.505  | ug/l   | 96       |
| 46) Dibromomethane            | 7.586  | 93   | 98618    | 50.806  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 196705   | 55.504  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 162624   | 50.933  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 67192    | 935.041 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 1052274  | 260.970 | ug/l   | 93       |
| 52) Toluene                   | 8.720  | 92   | 330750   | 49.086  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 213667   | 47.817  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.373  | 75   | 222335   | 47.766  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 145961   | 51.584  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 227684   | 52.073  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 234460   | 50.132  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 578713   | 243.321 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 818636   | 264.608 | ug/l   | 89       |
| 60) Dibromochloromethane      | 9.525  | 129  | 155147   | 49.161  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 153731   | 52.936  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 155752   | 52.563  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.080 | 112  | 376676   | 51.291  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 148632   | 55.975  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 671118   | 51.694  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 521729   | 105.261 | ug/l   | 99       |
| 69) o-Xylene                  | 10.646 | 106  | 259993   | 52.047  | ug/l   | 99       |
| 70) Styrene                   | 10.659 | 104  | 439686   | 53.885  | ug/l   | 98       |
| 71) Bromoform                 | 10.805 | 173  | 114269   | 50.575  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 695267   | 50.530  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 286588   | 49.085  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 216190   | 49.454  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 211024m  | 53.690  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 171296   | 49.862  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 801873   | 50.399  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 492408   | 50.075  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 603308   | 50.924  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 71951    | 51.012  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 571969   | 51.507  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 587578   | 52.253  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 608159   | 51.945  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 764278   | 52.822  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 651374   | 53.666  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.976 | 146  | 326262   | 50.576  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 330999   | 50.958  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 561824   | 52.841  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.542 | 117  | 105965   | 50.974  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 327223   | 50.990  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 56416    | 52.473  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 214917   | 54.367  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 94931    | 56.718  | ug/l   | 97       |
| 95) Naphthalene               | 13.780 | 128  | 725134   | 49.737  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 216675   | 54.499  | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

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7/19/2021 5:53:17 PM

Quant Time: Jul 17 02:10:39 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 02 14:29:42 2021  
Response via : Initial Calibration

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

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

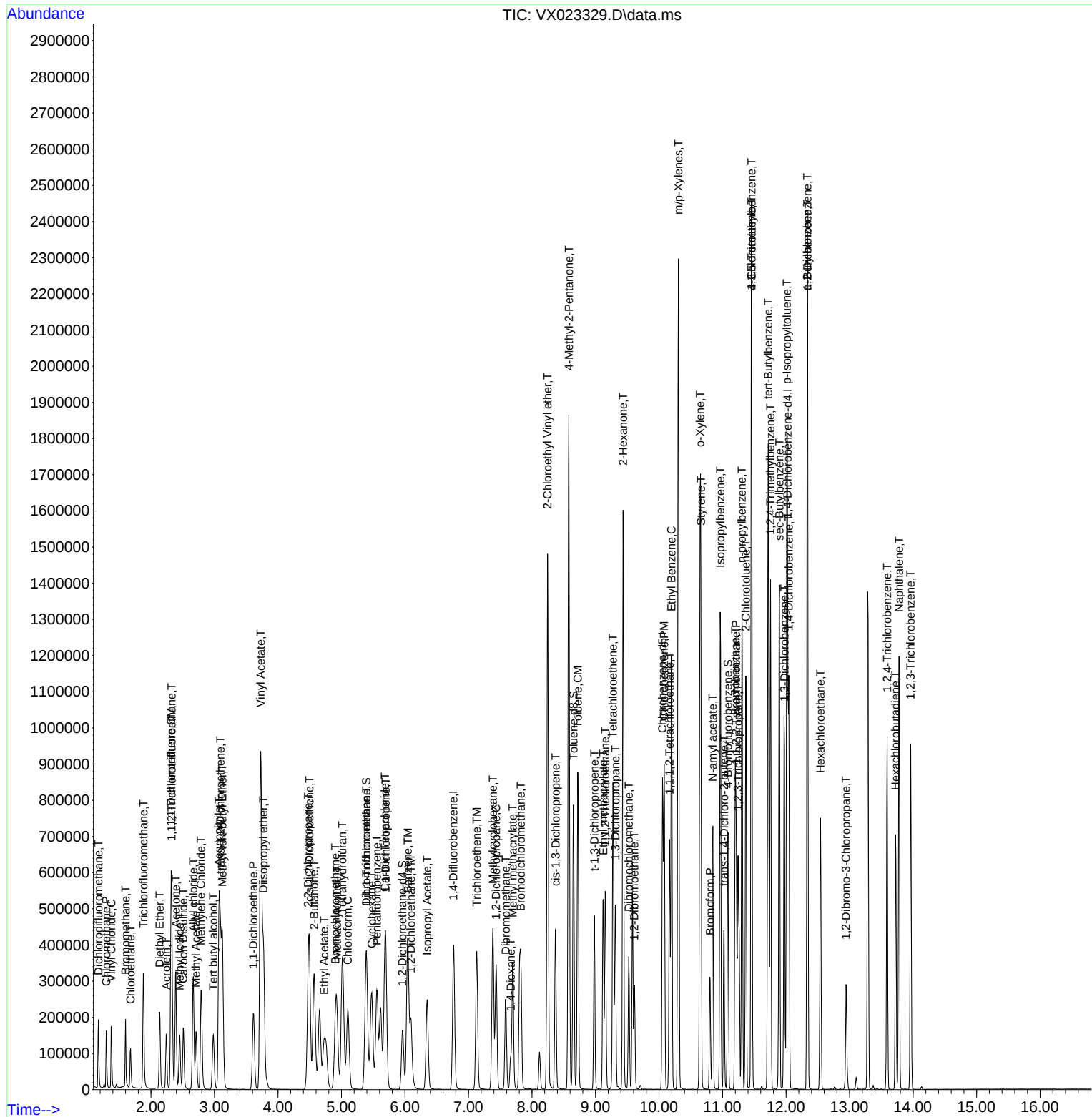
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Data File : VX023329.D  
Acq On : 16 Jul 2021 16:09  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

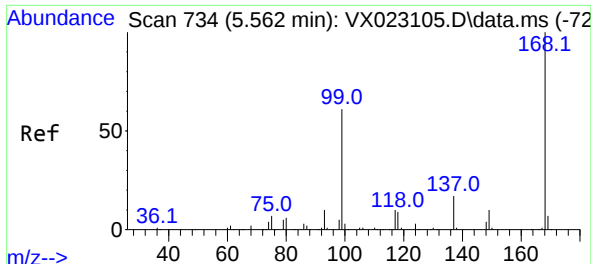
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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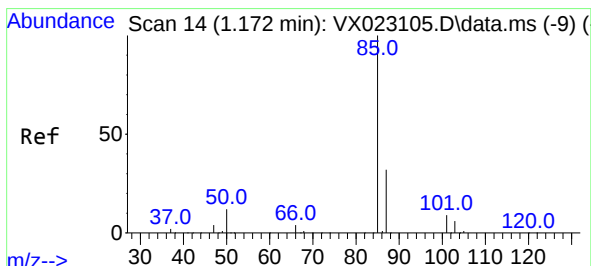
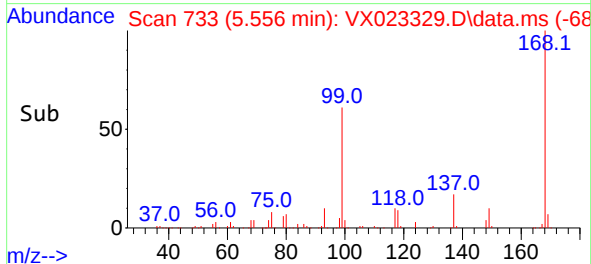
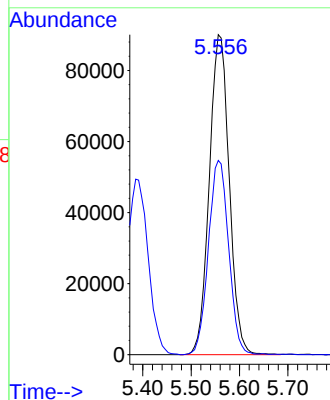
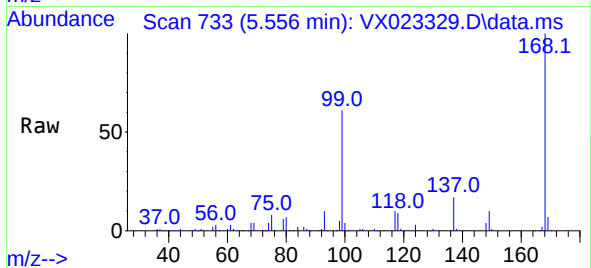
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 168 Resp: 257674  
Ion Ratio Lower Upper  
168 100  
99 60.7 45.8 68.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

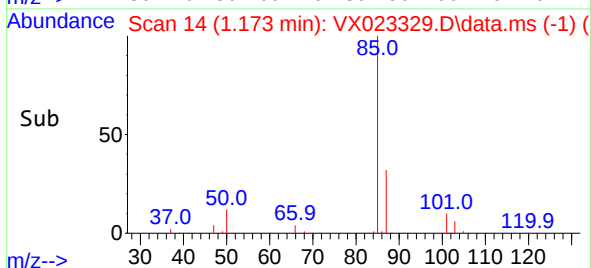
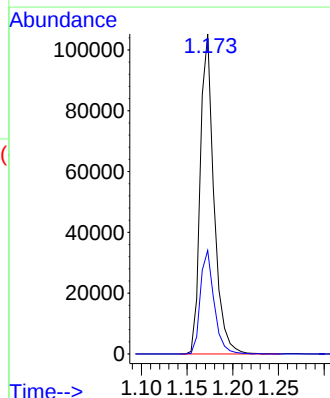
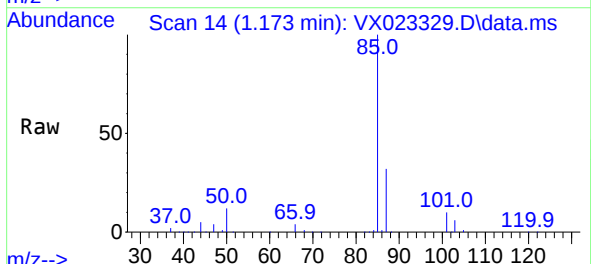
Manual Integrations  
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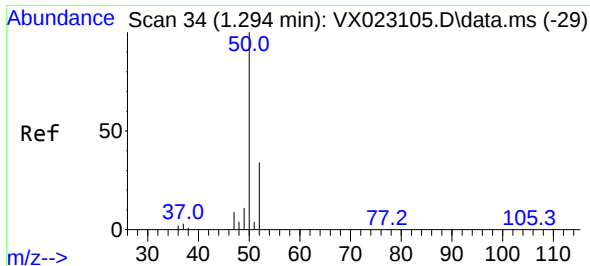
MMDadoda  
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#2  
Dichlorodifluoromethane  
Concen: 47.058 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.001 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 85 Resp: 109869  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.4 49.2





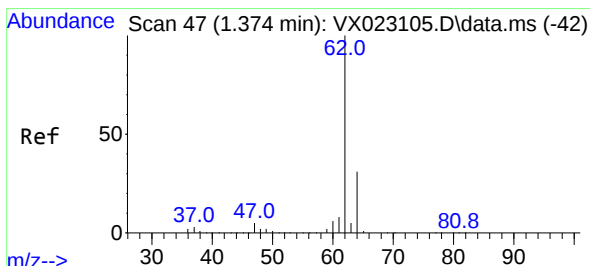
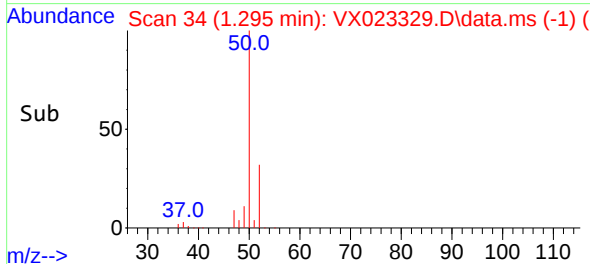
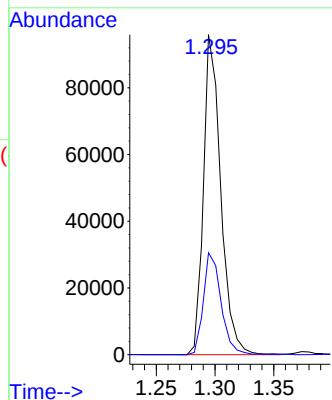
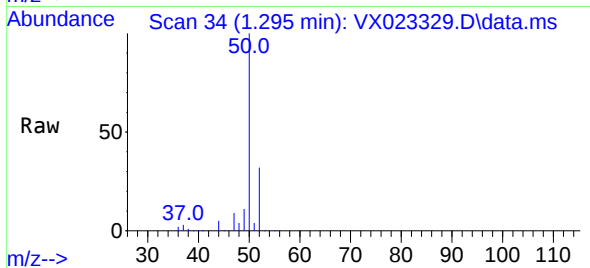
#3  
Chloromethane  
Concen: 42.565 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

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Tgt Ion: 50 Resp: 98326  
Ion Ratio Lower Upper  
50 100  
52 31.9 26.4 39.6

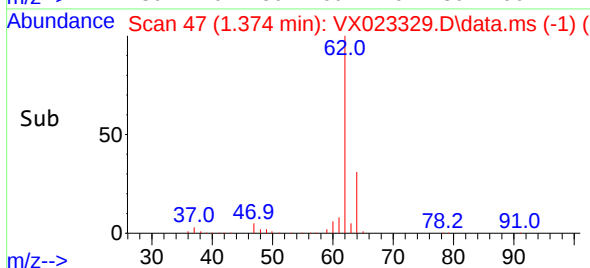
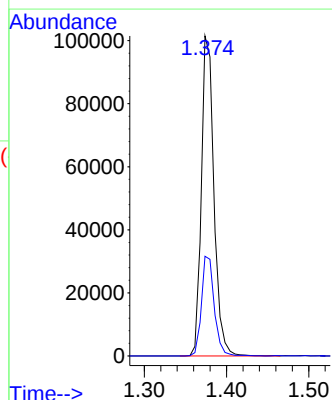
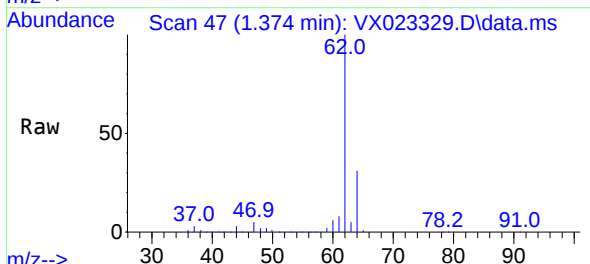
Manual Integrations  
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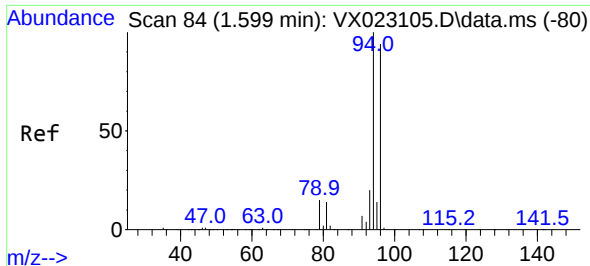
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7/19/2021 5:53:17 PM



#4  
Vinyl Chloride  
Concen: 44.055 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 62 Resp: 107805  
Ion Ratio Lower Upper  
62 100  
64 31.1 25.7 38.5





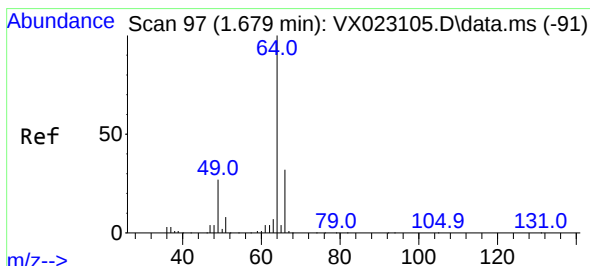
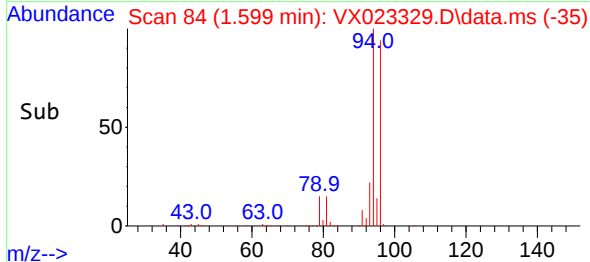
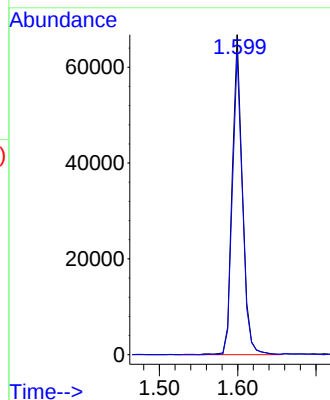
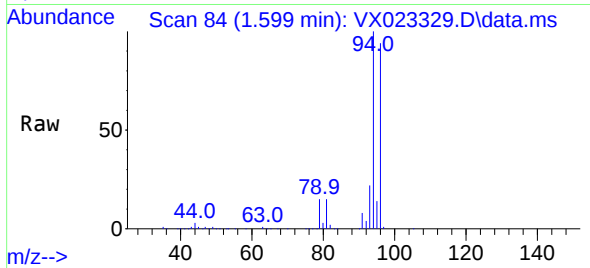
#5  
Bromomethane  
Concen: 48.109 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 94 Resp: 60571  
Ion Ratio Lower Upper  
94 100  
96 94.0 76.4 114.6

Instrument :  
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VSTDCCC050EC

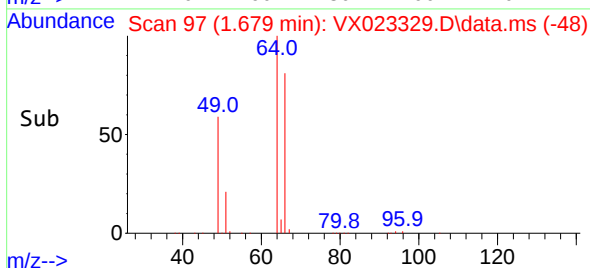
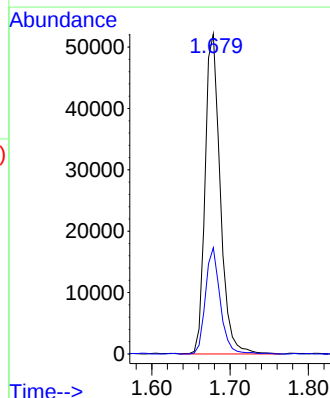
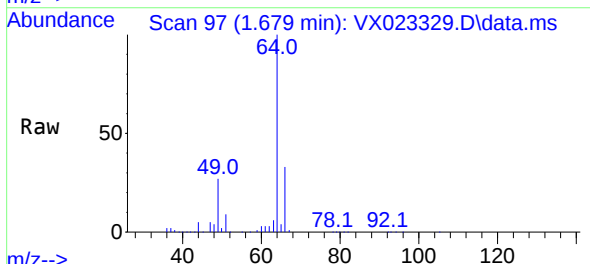
Manual Integrations  
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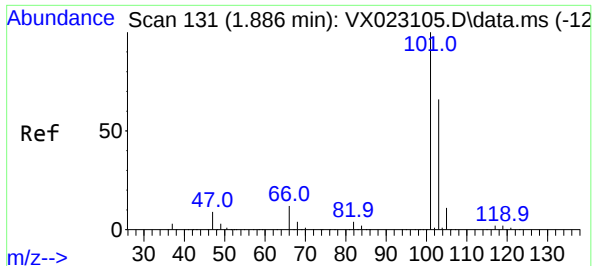
MMDadoda  
7/19/2021 5:53:17 PM



#6  
Chloroethane  
Concen: 43.701 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 64 Resp: 69926  
Ion Ratio Lower Upper  
64 100  
66 33.2 25.4 38.0





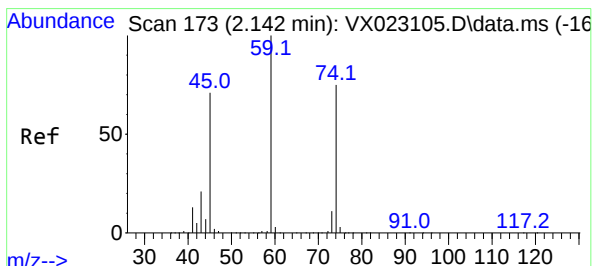
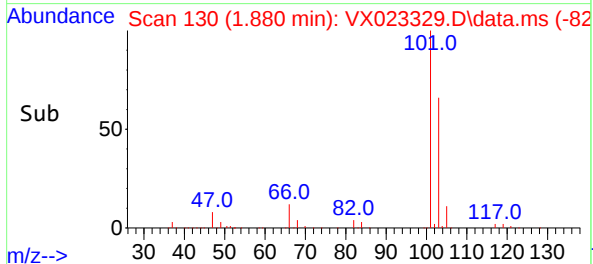
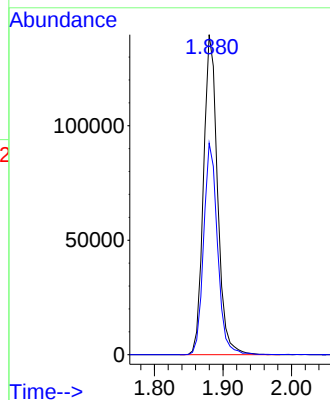
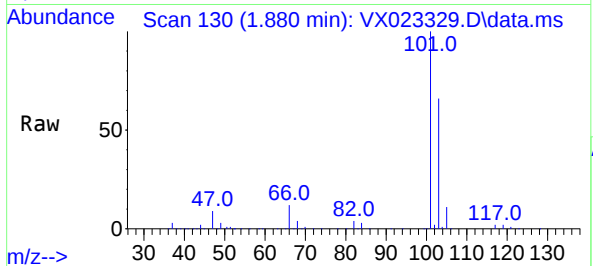
#7  
Trichlorofluoromethane  
Concen: 46.835 ug/l  
RT: 1.880 min Scan# 130  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 199174  
Ion Ratio Lower Upper  
101 100  
103 66.1 53.2 79.8

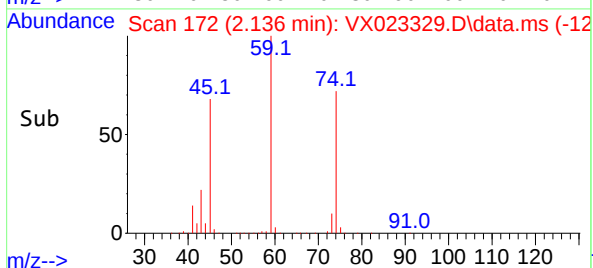
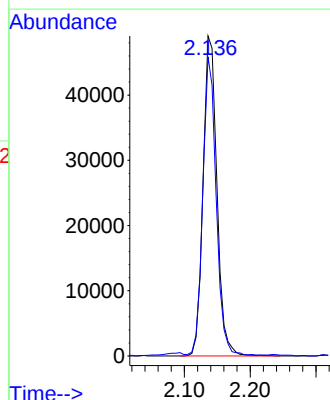
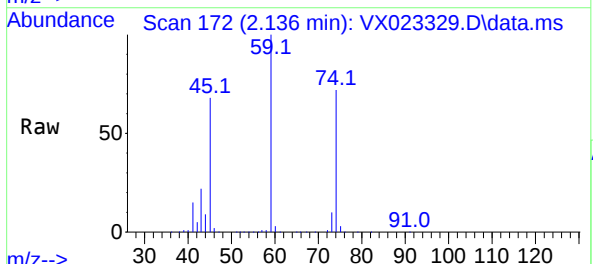
Manual Integrations  
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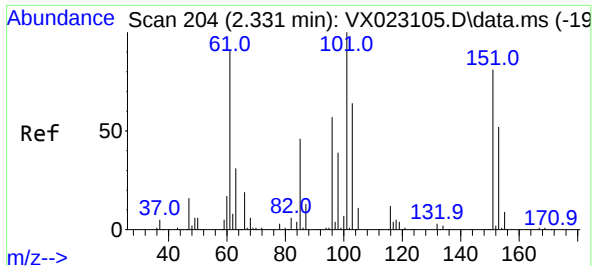
MMDadoda  
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#8  
Diethyl Ether  
Concen: 45.718 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 74 Resp: 71760  
Ion Ratio Lower Upper  
74 100  
45 89.7 44.5 133.5





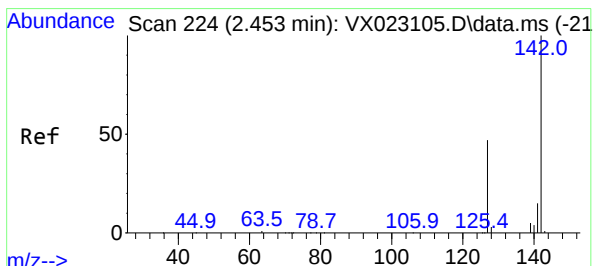
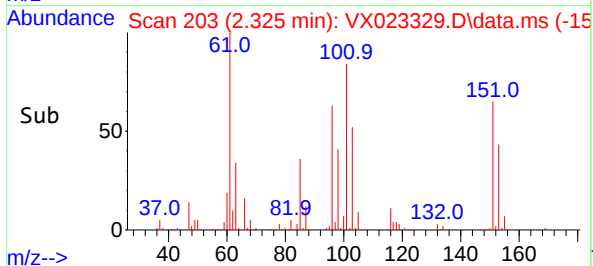
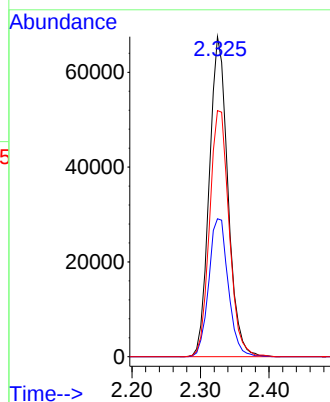
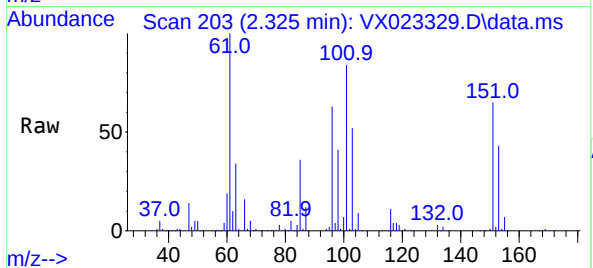
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.193 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion:101 Resp: 127402  
Ion Ratio Lower Upper  
101 100  
85 45.1 34.9 52.3  
151 80.7 61.4 92.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

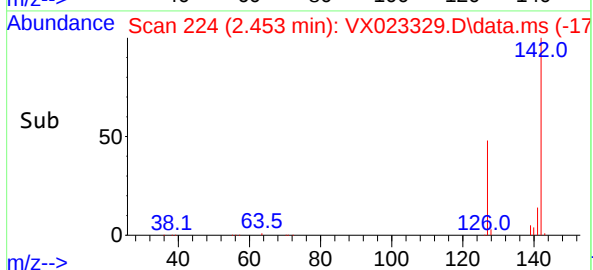
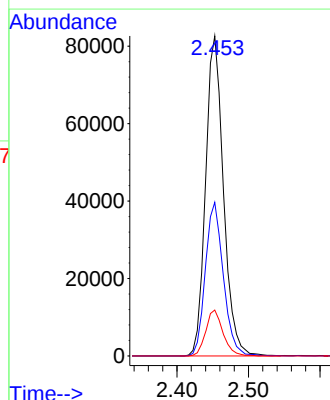
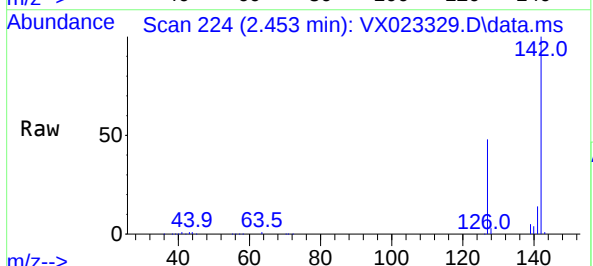
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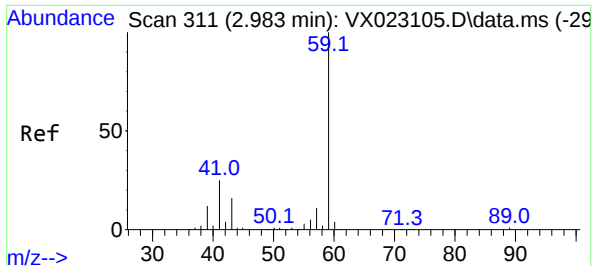
MMDadoda  
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#10  
Methyl Iodide  
Concen: 46.924 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion:142 Resp: 143395  
Ion Ratio Lower Upper  
142 100  
127 48.4 33.3 49.9  
141 13.9 11.4 17.0





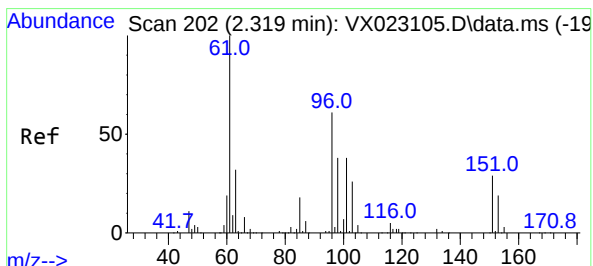
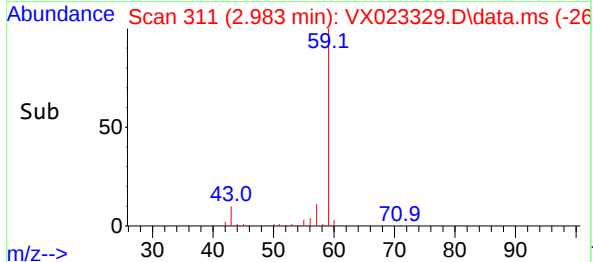
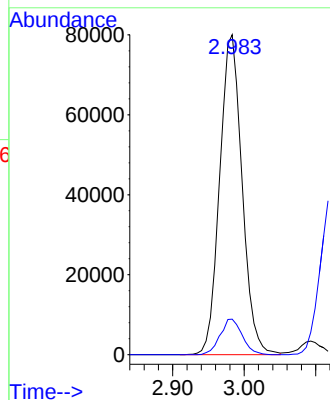
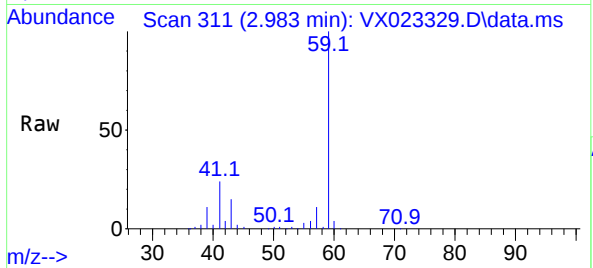
#11  
Tert butyl alcohol  
Concen: 239.139 ug/l  
RT: 2.983 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 59 Resp: 174226  
Ion Ratio Lower Upper  
59 100  
57 11.0 7.8 11.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

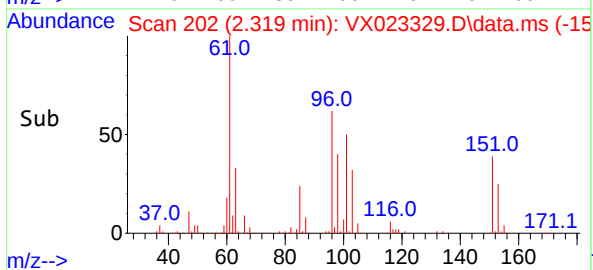
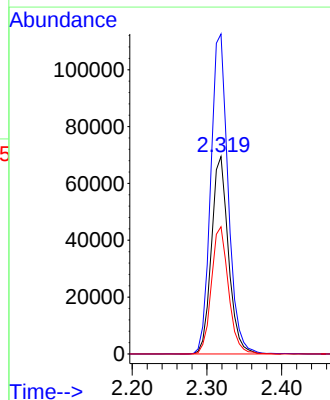
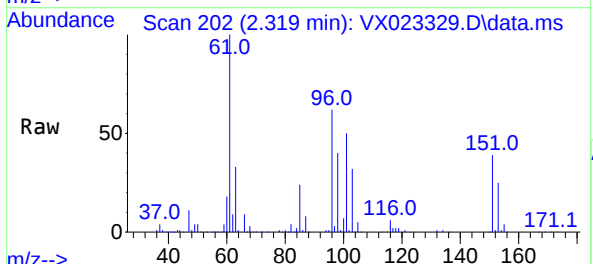
Manual Integrations  
APPROVED

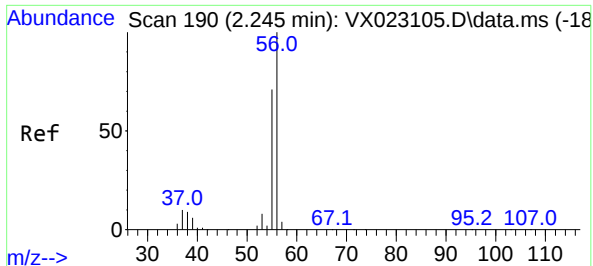
MMDadoda  
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#12  
1,1-Dichloroethene  
Concen: 47.736 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 96 Resp: 109647  
Ion Ratio Lower Upper  
96 100  
61 162.1 124.6 187.0  
98 64.4 50.6 76.0





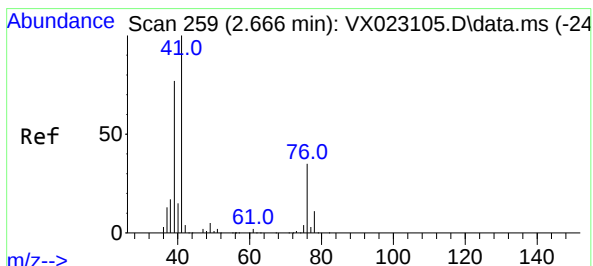
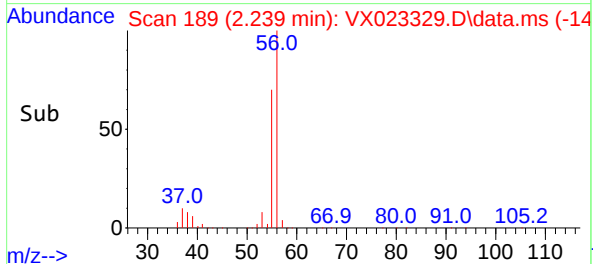
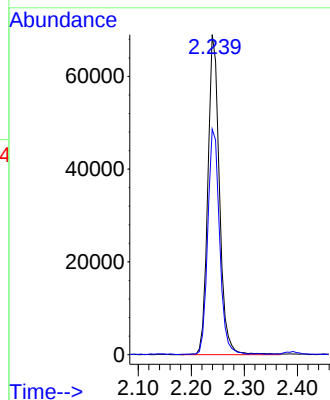
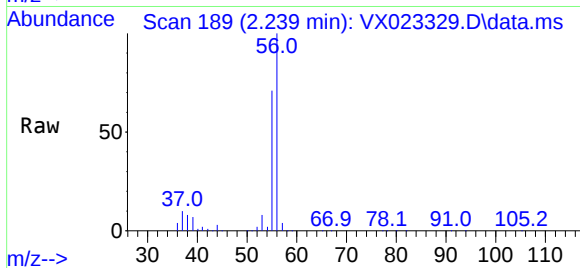
#13  
Acrolein  
Concen: 215.049 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 56 Resp: 104330  
Ion Ratio Lower Upper  
56 100  
55 71.7 56.4 84.6

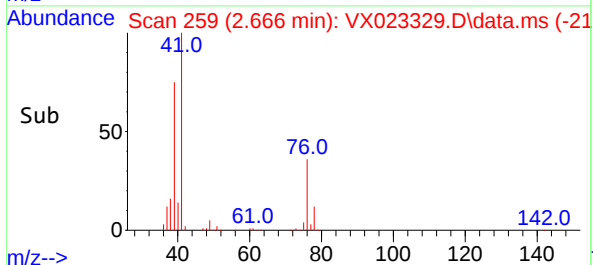
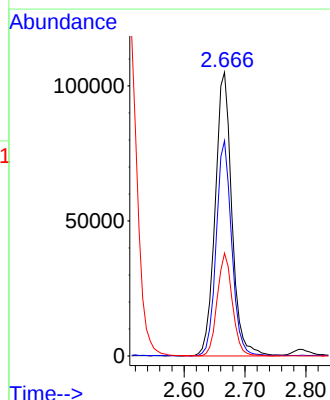
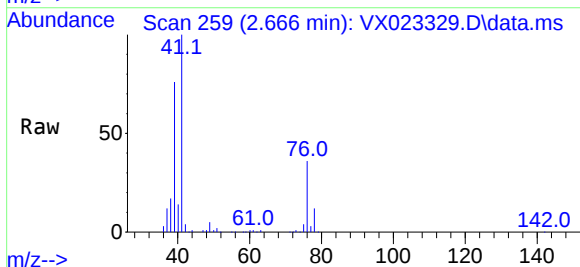
Manual Integrations  
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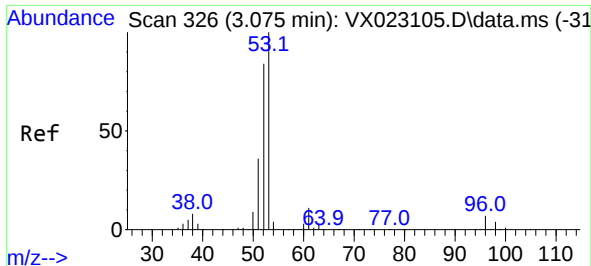
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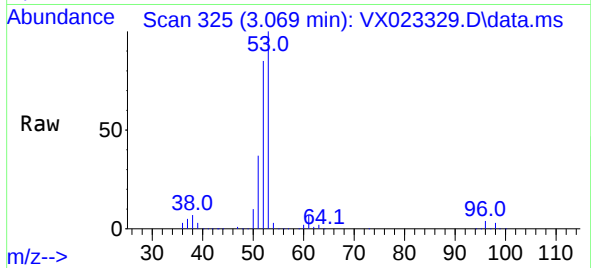
#14  
Allyl chloride  
Concen: 50.181 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 41 Resp: 200291  
Ion Ratio Lower Upper  
41 100  
39 70.1 51.6 77.4  
76 32.7 30.5 45.7

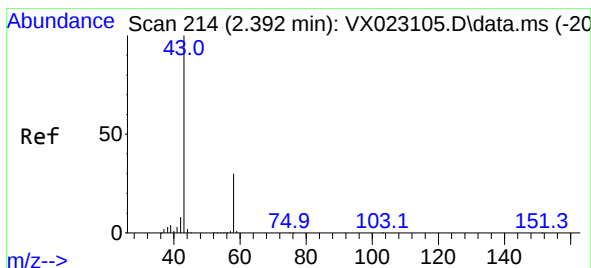
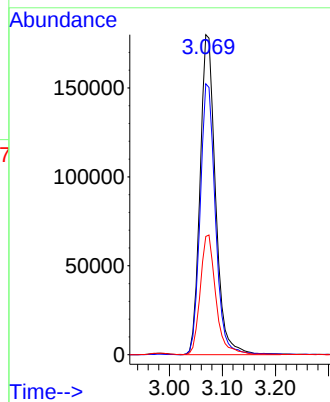
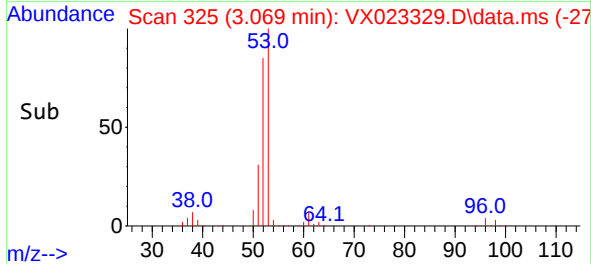




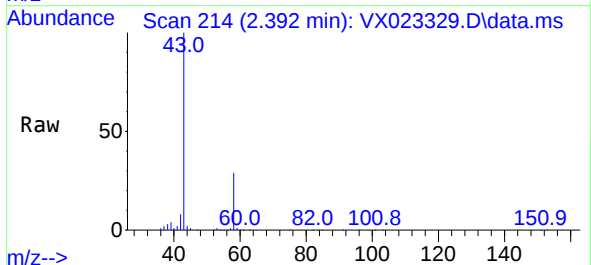
#15  
Acrylonitrile  
Concen: 257.574 ug/l  
RT: 3.069 min Scan# 325  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



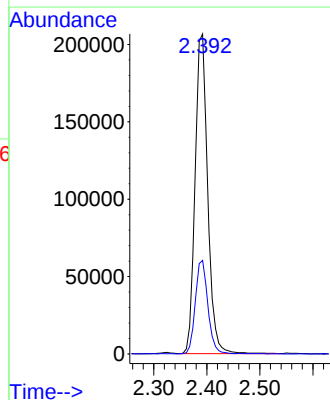
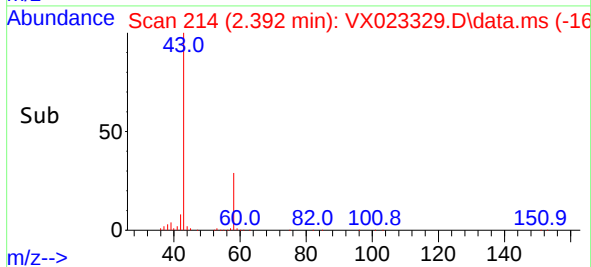
Tgt Ion: 53 Resp: 364890  
Ion Ratio Lower Upper  
53 100  
52 83.6 65.3 97.9  
51 37.8 28.2 42.2



#16  
Acetone  
Concen: 247.718 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



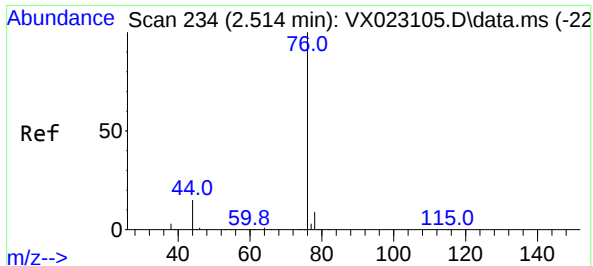
Tgt Ion: 43 Resp: 339403  
Ion Ratio Lower Upper  
43 100  
58 29.2 27.8 41.8



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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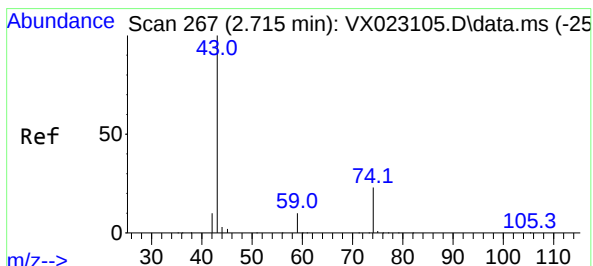
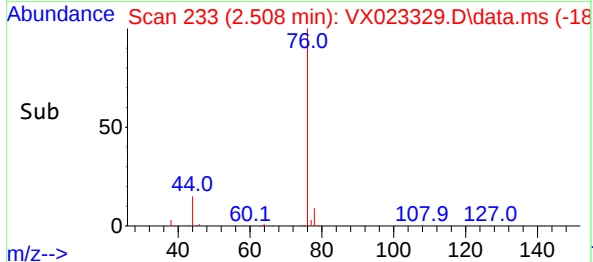
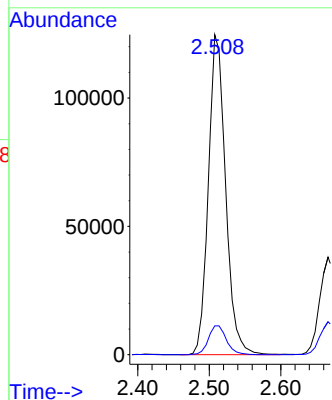
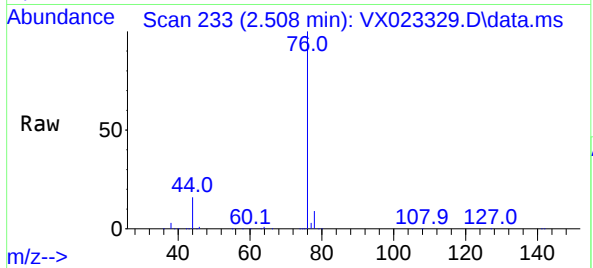
#17  
Carbon Disulfide  
Concen: 43.107 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 76 Resp: 208823  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

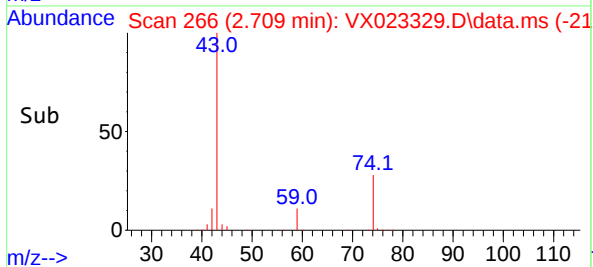
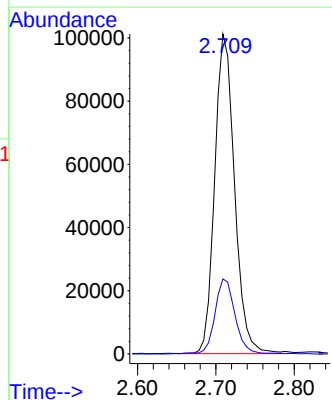
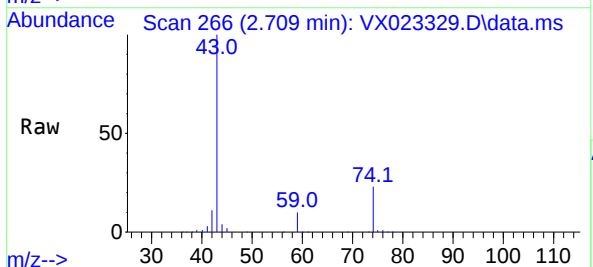
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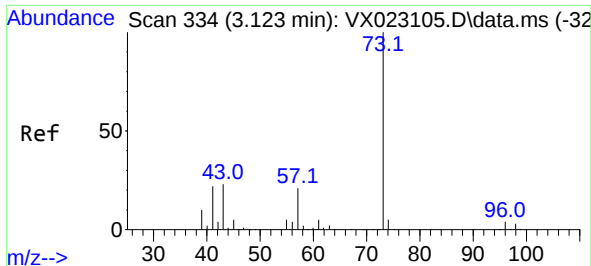
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#18  
Methyl Acetate  
Concen: 53.426 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 43 Resp: 177690  
Ion Ratio Lower Upper  
43 100  
74 24.1 21.9 32.9





#19

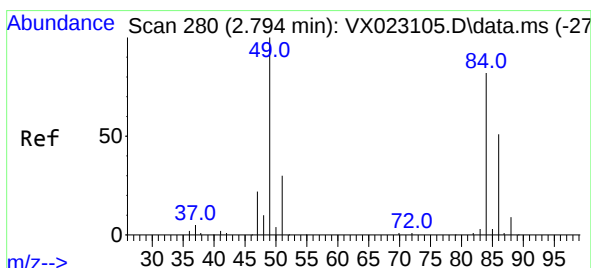
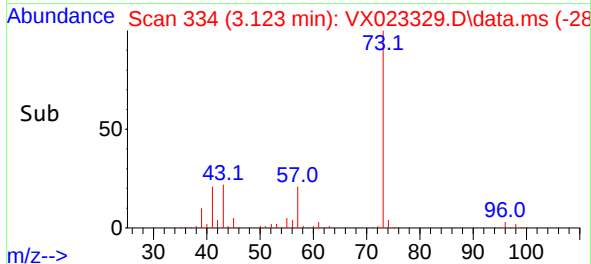
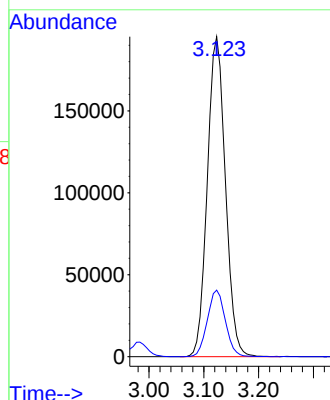
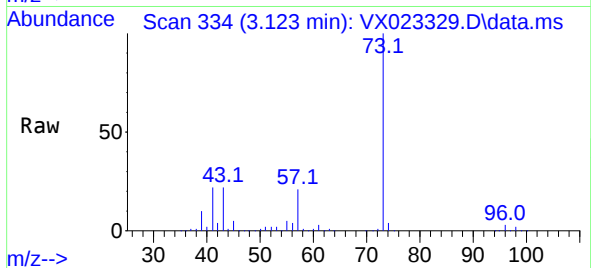
Methyl tert-butyl Ether  
Concen: 51.981 ug/l  
RT: 3.123 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 73 Resp: 446544  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.1 25.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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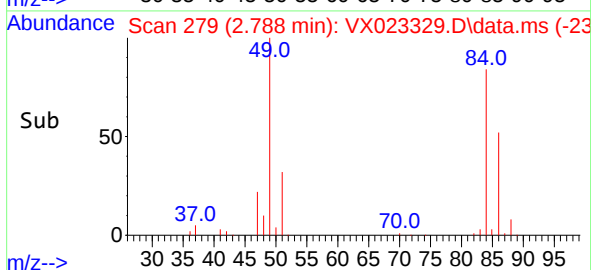
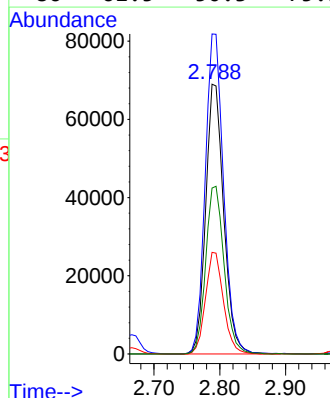
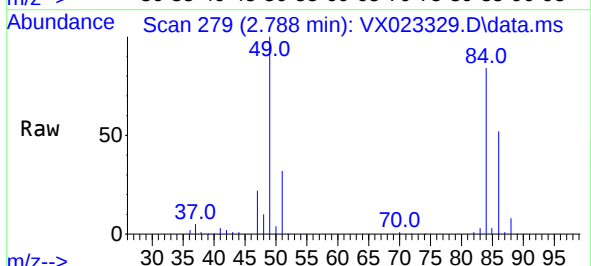
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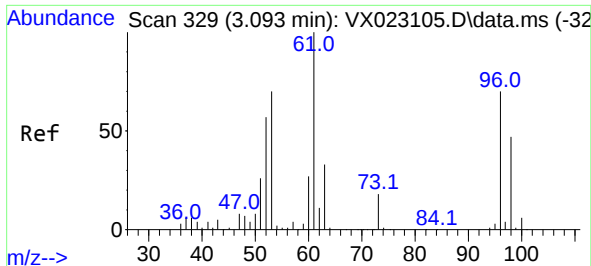


#20

Methylene Chloride  
Concen: 44.574 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 84 Resp: 131490  
Ion Ratio Lower Upper  
84 100  
49 118.6 88.6 132.8  
51 37.7 27.0 40.6  
86 61.5 50.3 75.5





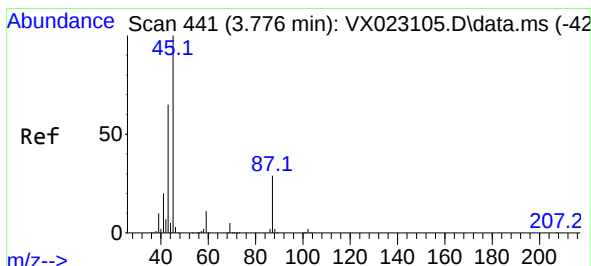
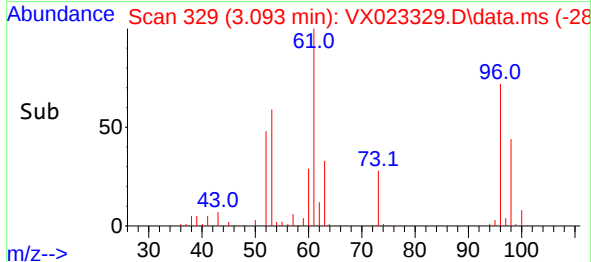
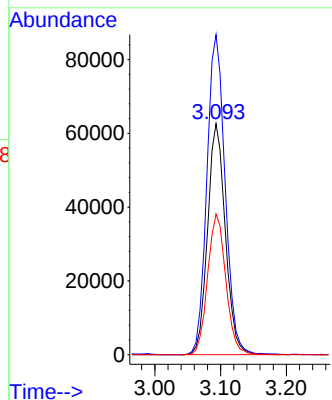
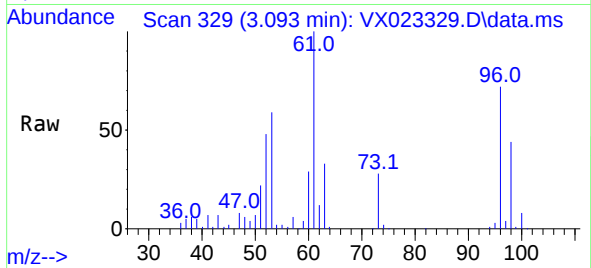
#21  
trans-1,2-Dichloroethene  
Concen: 47.466 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 96 Resp: 117748  
Ion Ratio Lower Upper  
96 100  
61 138.5 107.7 161.5  
98 60.8 50.4 75.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

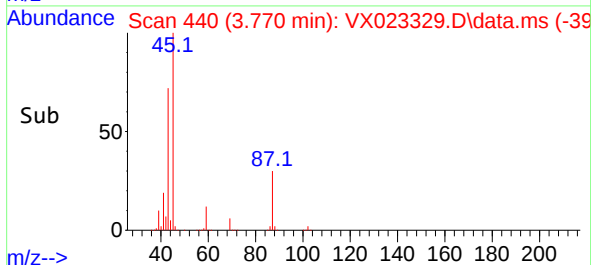
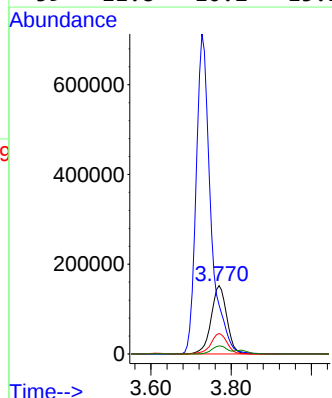
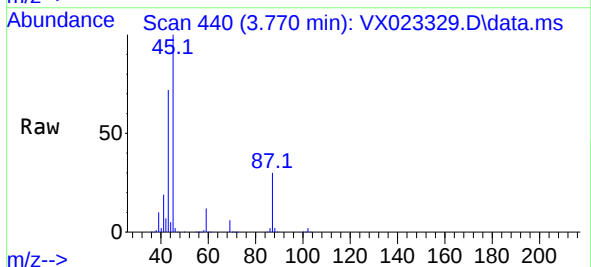
Manual Integrations  
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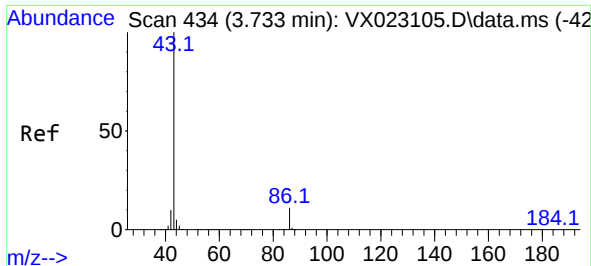
MMDadoda  
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#22  
Diisopropyl ether  
Concen: 48.914 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

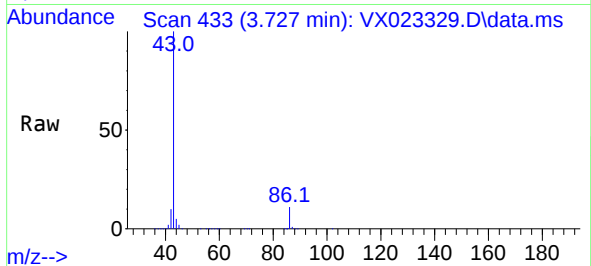
Tgt Ion: 45 Resp: 411601  
Ion Ratio Lower Upper  
45 100  
43 71.6 58.0 87.0  
87 30.1 25.4 38.0  
59 11.8 10.2 15.2





#23  
 Vinyl Acetate  
 Concen: 252.166 ug/l  
 RT: 3.727 min Scan# 433  
 Delta R.T. -0.006 min  
 Lab File: VX023329.D  
 Acq: 16 Jul 2021 16:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

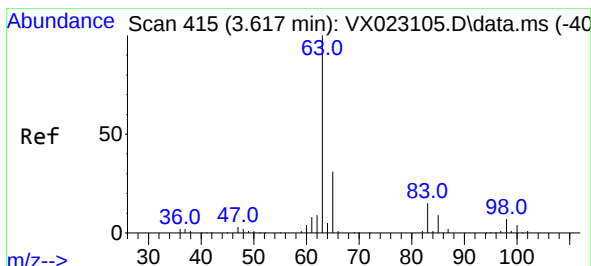
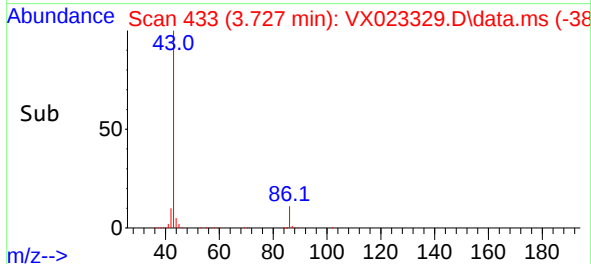
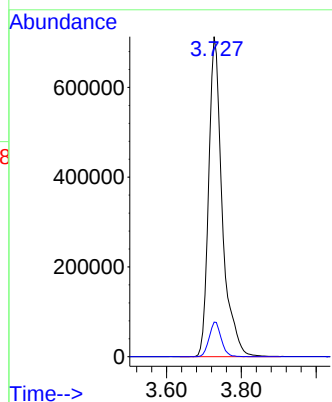


Tgt Ion: 43 Resp: 1795895  

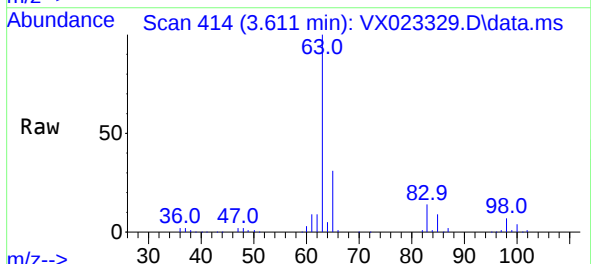
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 10.8  | 9.9   | 14.9  |

Manual Integrations  
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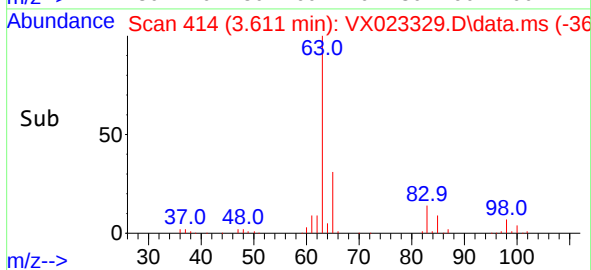
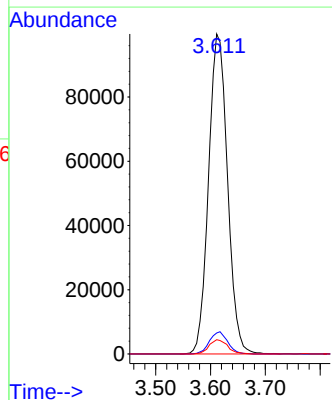


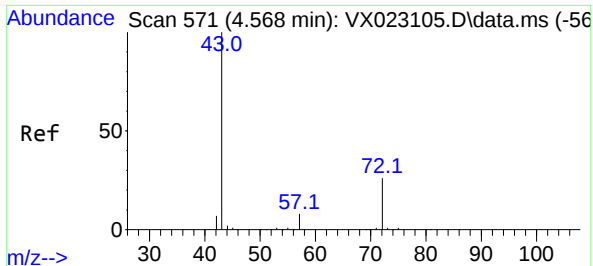
#24  
 1,1-Dichloroethane  
 Concen: 50.192 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.006 min  
 Lab File: VX023329.D  
 Acq: 16 Jul 2021 16:09



Tgt Ion: 63 Resp: 238638  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 6.5   | 3.8   | 11.2  |
| 100 | 4.5   | 2.5   | 7.5   |





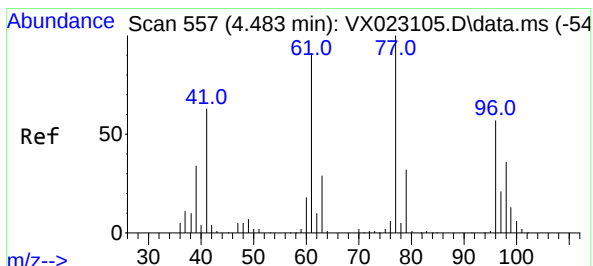
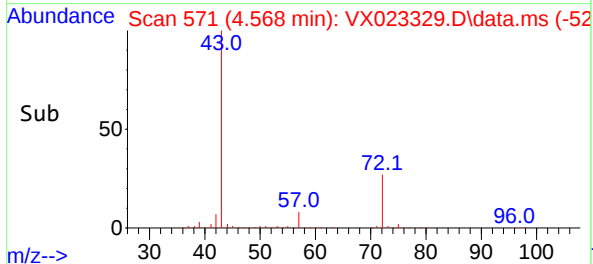
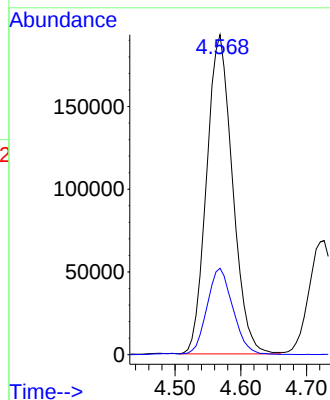
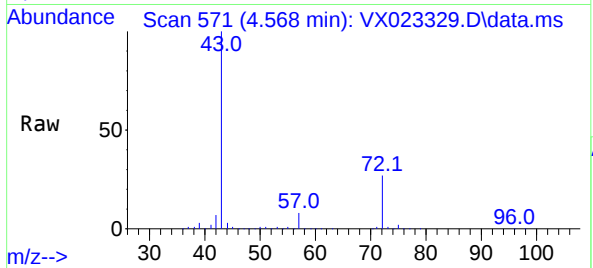
#25  
2-Butanone  
Concen: 256.044 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 43 Resp: 529003  
Ion Ratio Lower Upper  
43 100  
72 27.0 23.7 35.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

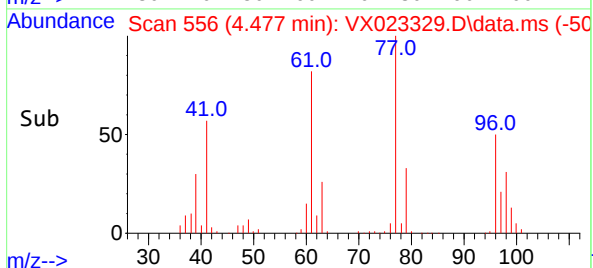
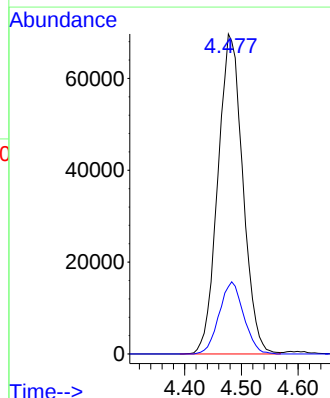
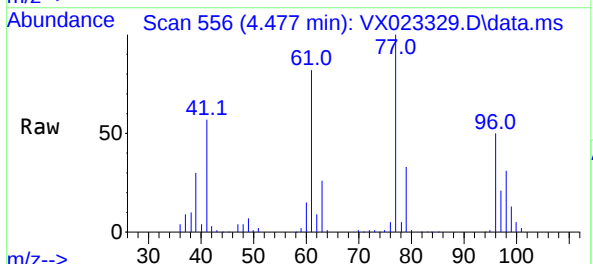
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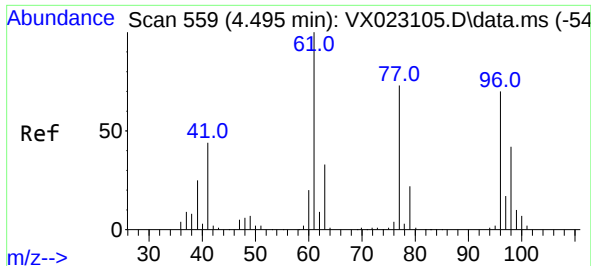
MMDadoda  
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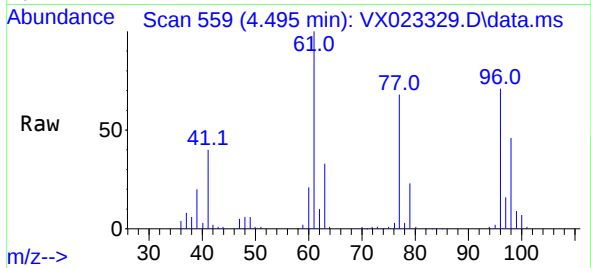
#26  
2,2-Dichloropropane  
Concen: 53.253 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 77 Resp: 212510  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.7 35.1

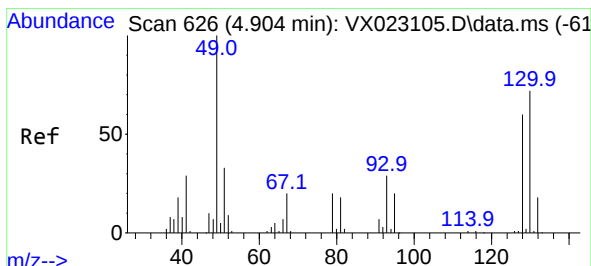
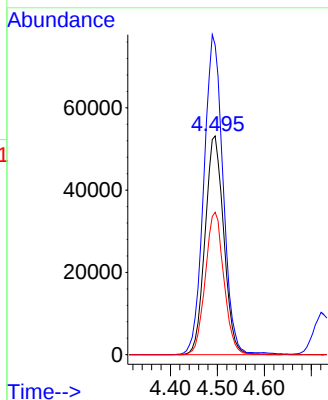
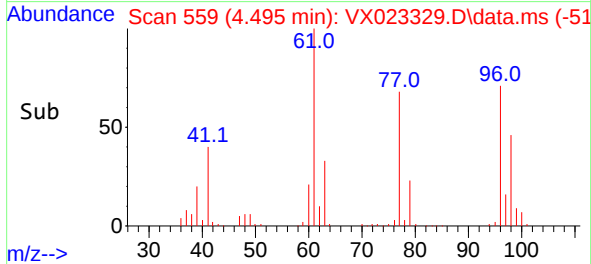




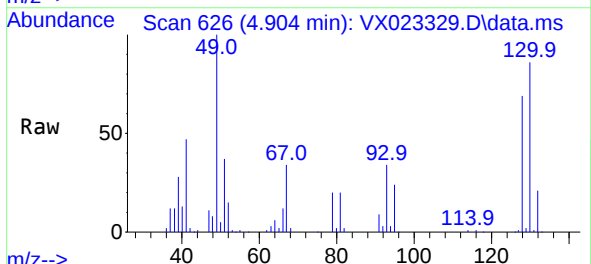
#27  
 cis-1,2-Dichloroethene  
 Concen: 48.750 ug/l  
 RT: 4.495 min Scan# 559  
 Delta R.T. 0.000 min  
 Lab File: VX023329.D  
 Acq: 16 Jul 2021 16:09



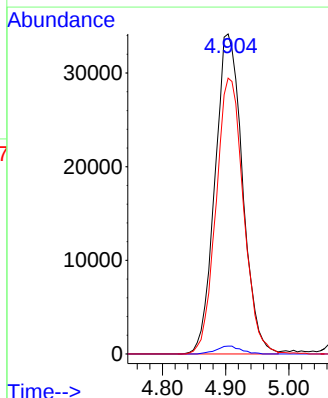
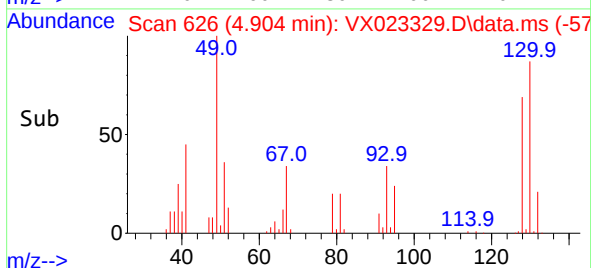
Tgt Ion: 96 Resp: 146480  
 Ion Ratio Lower Upper  
 96 100  
 61 150.9 0.0 285.6  
 98 65.0 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 45.735 ug/l  
 RT: 4.904 min Scan# 626  
 Delta R.T. -0.000 min  
 Lab File: VX023329.D  
 Acq: 16 Jul 2021 16:09



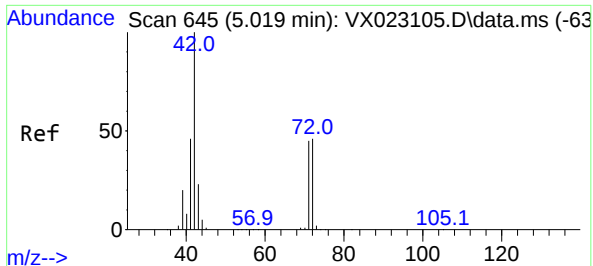
Tgt Ion: 49 Resp: 103162  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.0  
 130 86.2 68.2 102.2



Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
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#29

Tetrahydrofuran

Concen: 251.119 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX023329.D

Acq: 16 Jul 2021 16:09

Tgt Ion: 42 Resp: 333513

Ion Ratio Lower Upper

42 100

72 46.8 41.7 62.5

71 43.5 38.4 57.6

Instrument :

MSVOA\_X

ClientSampleId :

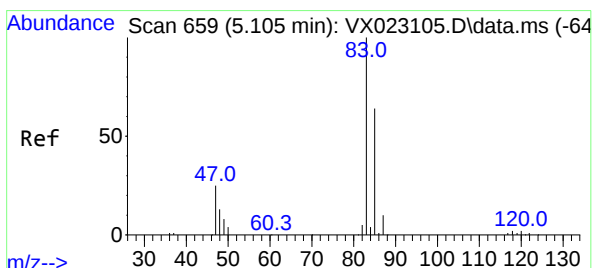
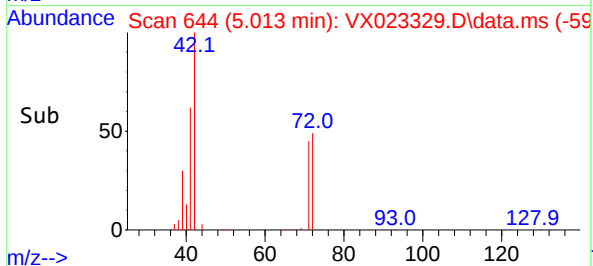
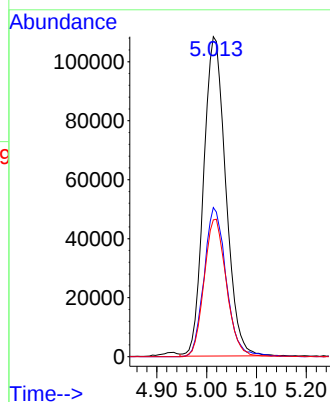
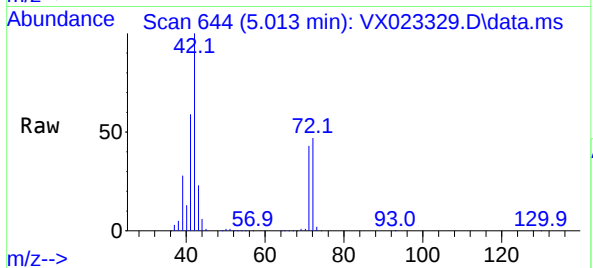
VSTDCCC050EC

Manual Integrations

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#30

Chloroform

Concen: 50.859 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX023329.D

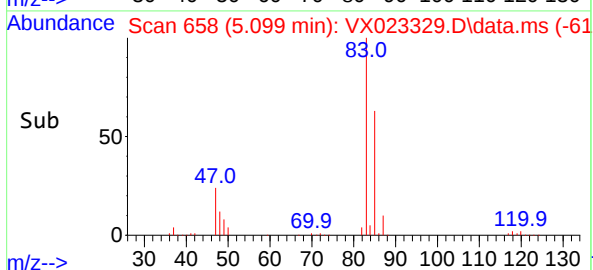
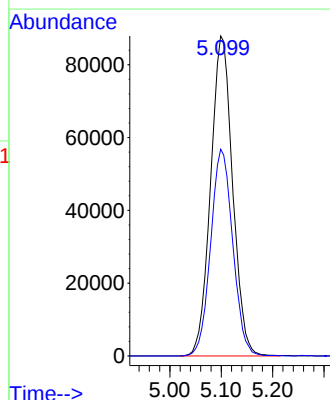
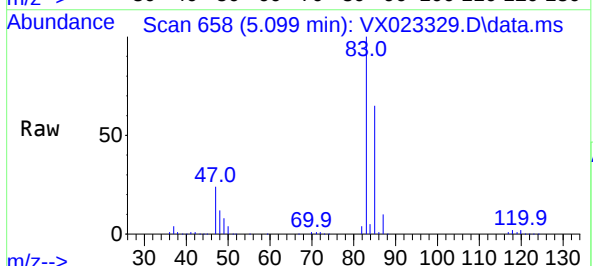
Acq: 16 Jul 2021 16:09

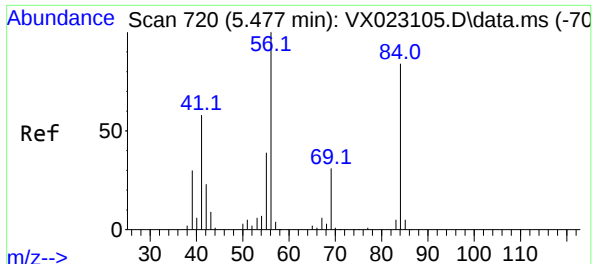
Tgt Ion: 83 Resp: 261209

Ion Ratio Lower Upper

83 100

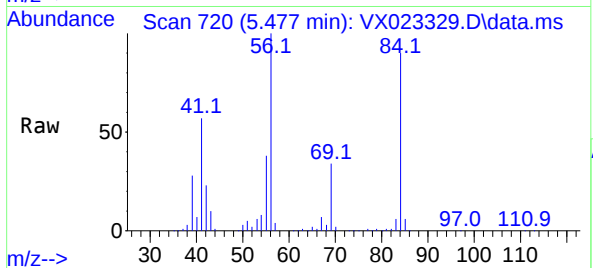
85 64.6 52.0 78.0





#31  
Cyclohexane  
Concen: 44.582 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

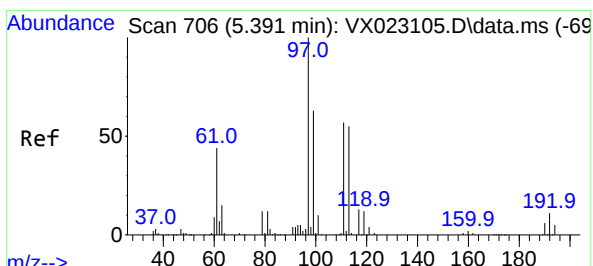
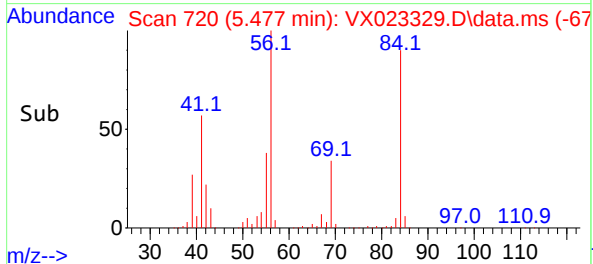
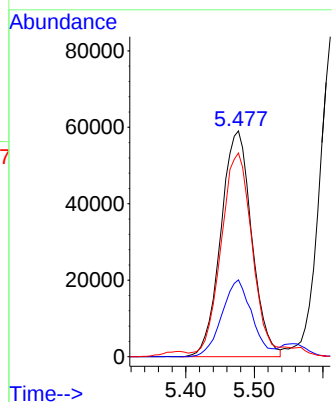
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



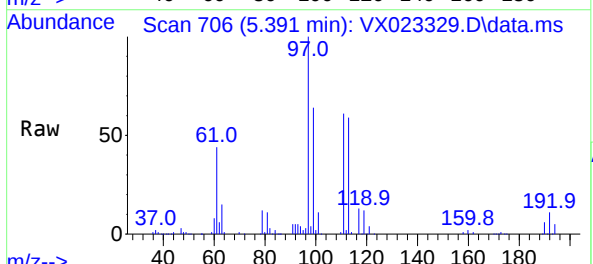
Tgt Ion: 56 Resp: 184858  
Ion Ratio Lower Upper  
56 100  
69 34.0 25.3 37.9  
84 87.9 71.4 107.0

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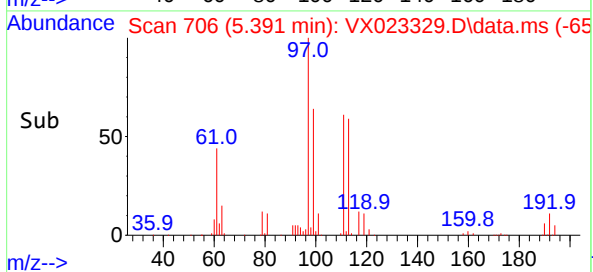
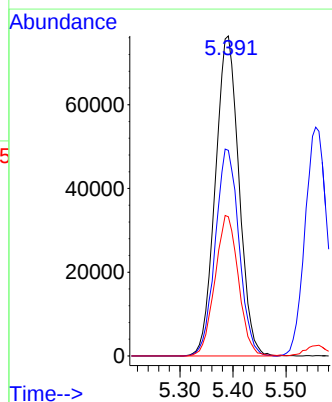
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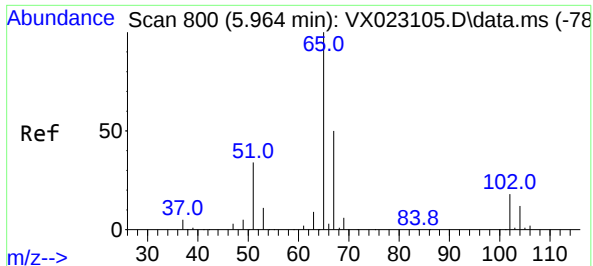


#32  
1,1,1-Trichloroethane  
Concen: 52.794 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



Tgt Ion: 97 Resp: 236153  
Ion Ratio Lower Upper  
97 100  
99 64.9 51.5 77.3  
61 43.7 34.2 51.4





#33

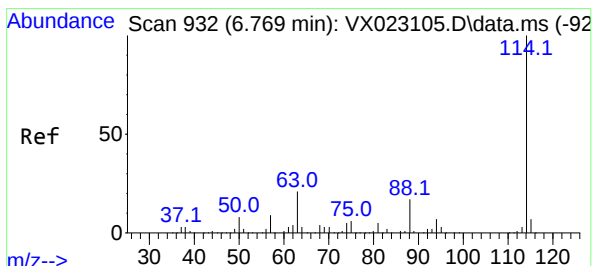
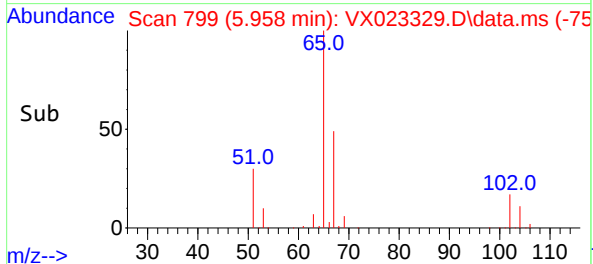
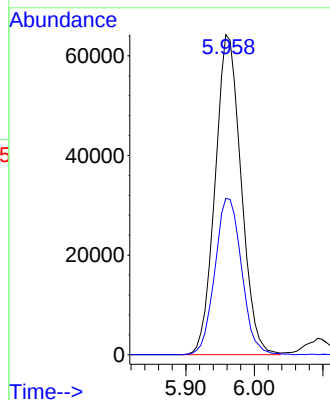
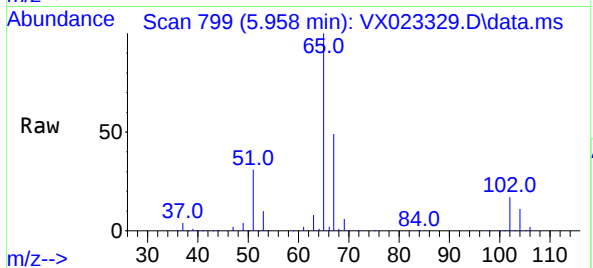
1,2-Dichloroethane-d4  
Concen: 48.790 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 65 Resp: 168966  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 105.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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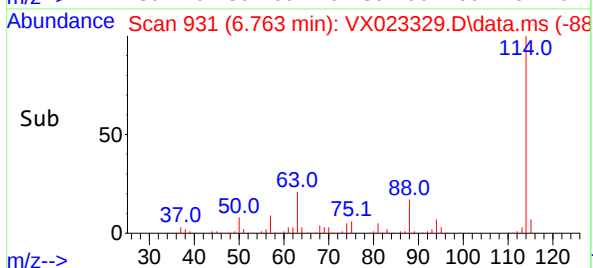
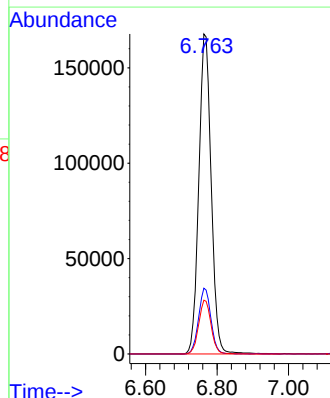
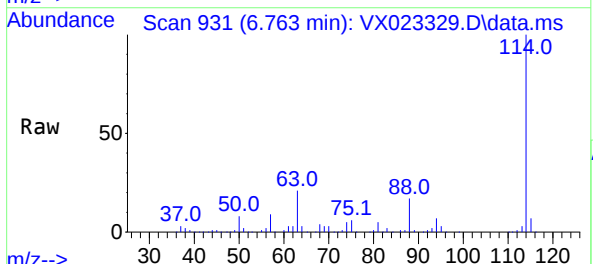
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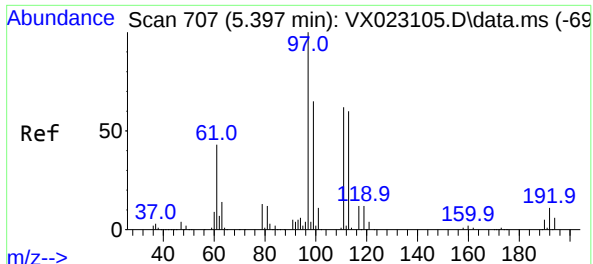


#34

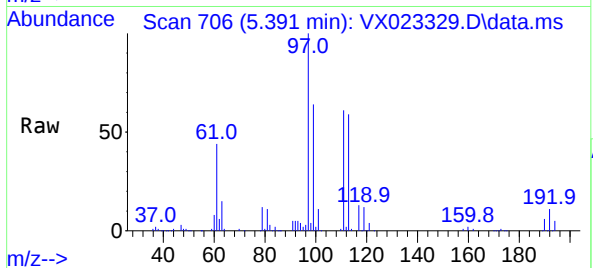
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 114 Resp: 402267  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 40.8  
88 16.8 0.0 32.8

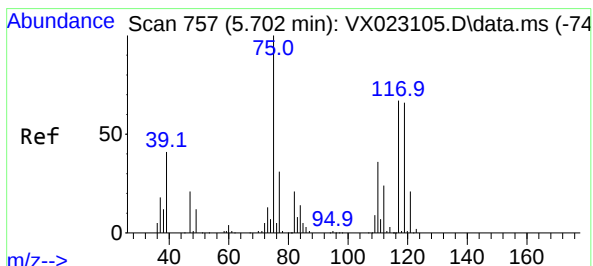
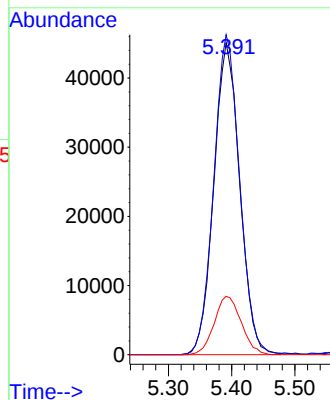
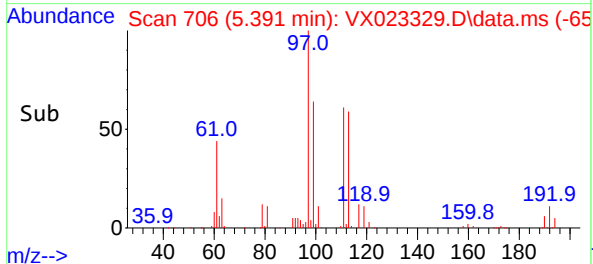




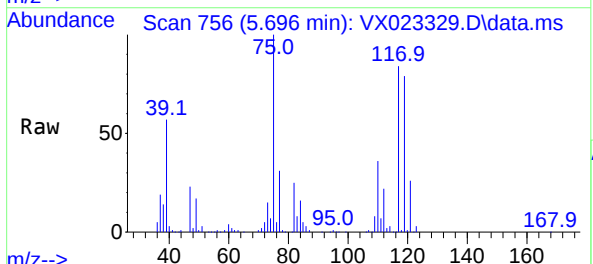
#35  
Dibromofluoromethane  
Concen: 49.267 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



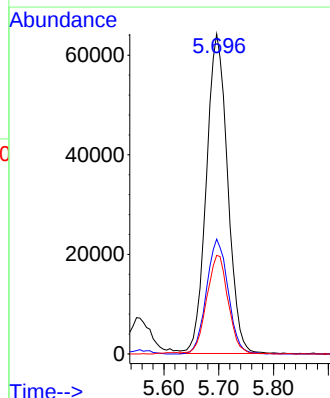
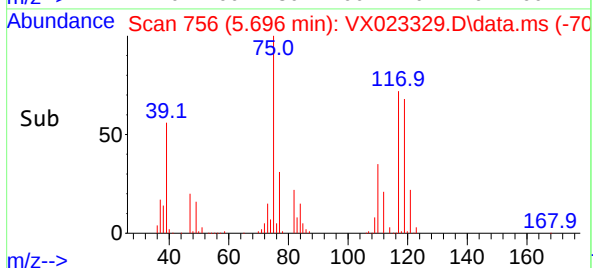
Tgt Ion:113 Resp: 127979  
Ion Ratio Lower Upper  
113 100  
111 102.6 81.9 122.9  
192 19.5 16.7 25.1



#36  
1,1-Dichloropropene  
Concen: 48.144 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



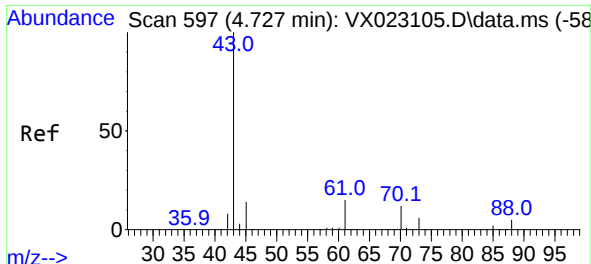
Tgt Ion: 75 Resp: 172650  
Ion Ratio Lower Upper  
75 100  
110 36.6 18.1 54.4  
77 31.1 25.3 37.9



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

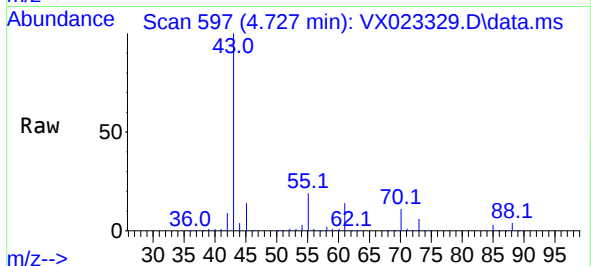
Manual Integrations  
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#37  
Ethyl Acetate  
Concen: 51.404 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

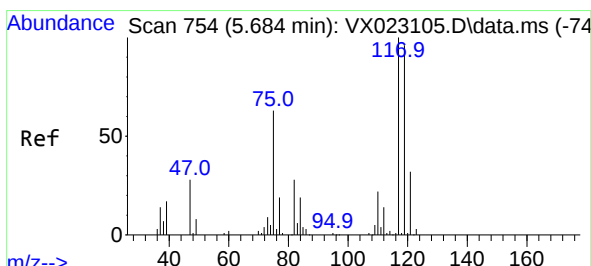
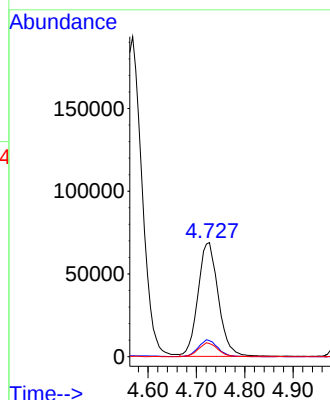
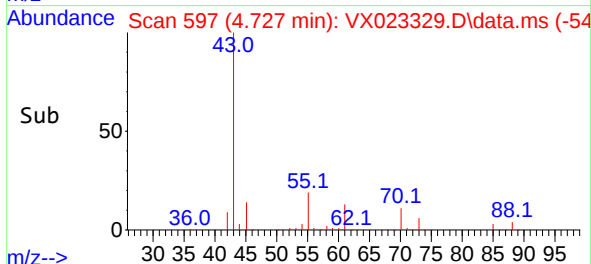
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



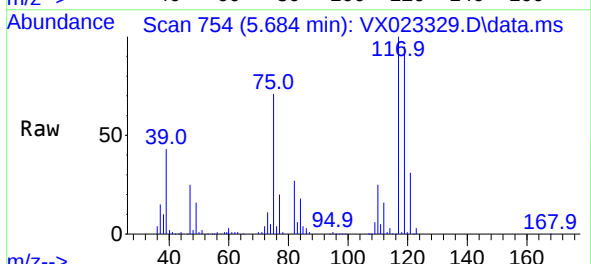
Tgt Ion: 43 Resp: 201095  
Ion Ratio Lower Upper  
43 100  
61 13.9 12.8 19.2  
70 11.6 10.5 15.7

Manual Integrations  
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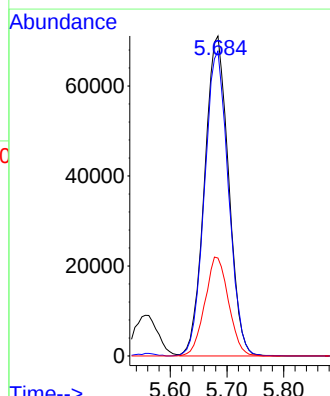
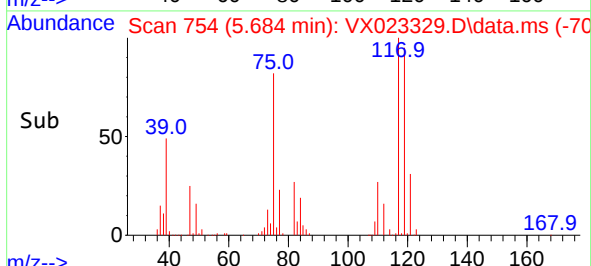
MMDadoda  
7/19/2021 5:53:17 PM

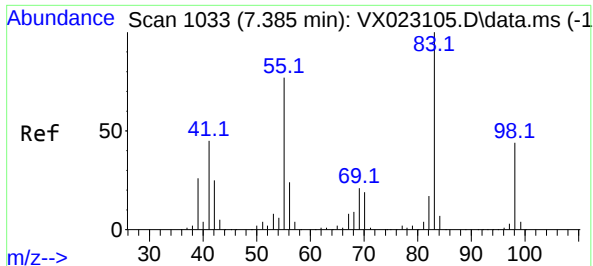


#38  
Carbon Tetrachloride  
Concen: 55.843 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



Tgt Ion: 117 Resp: 209030  
Ion Ratio Lower Upper  
117 100  
119 95.2 76.2 114.2  
121 30.6 24.8 37.2





#39

Methylcyclohexane

Concen: 48.798 ug/l

RT: 7.385 min Scan# 1033

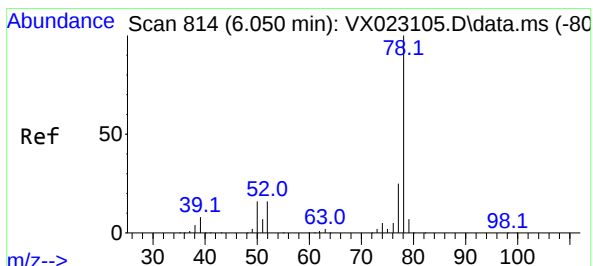
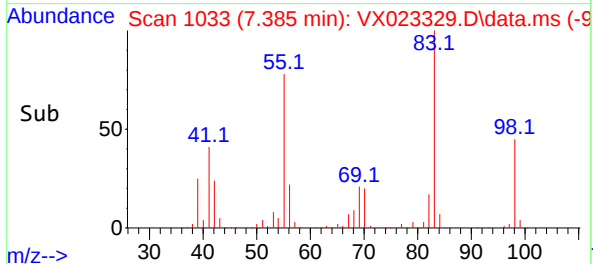
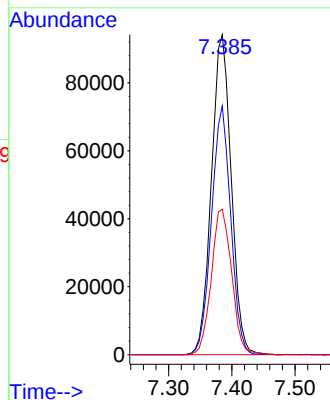
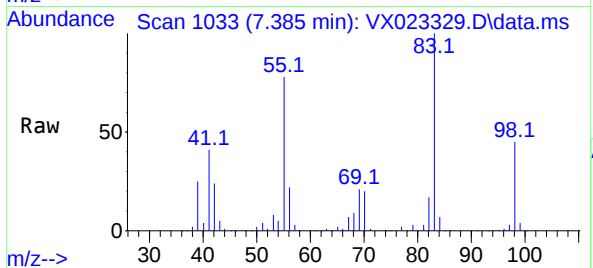
Delta R.T. -0.000 min

Lab File: VX023329.D

Acq: 16 Jul 2021 16:09

Tgt Ion: 83 Resp: 204671

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 77.7  | 58.9  | 88.3  |
| 98  | 45.4  | 38.1  | 57.1  |



#40

Benzene

Concen: 48.088 ug/l

RT: 6.044 min Scan# 813

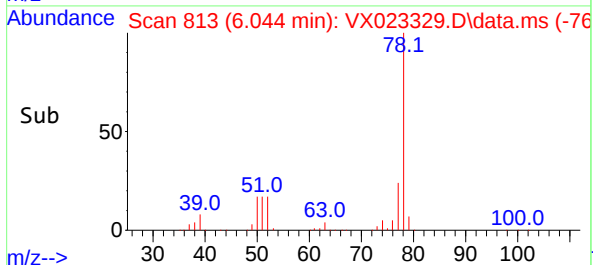
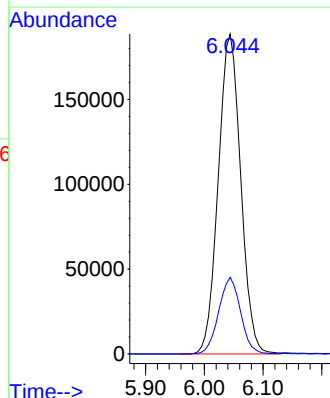
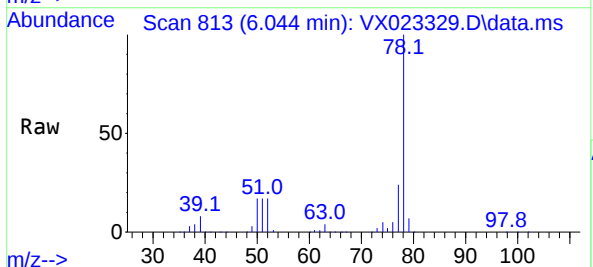
Delta R.T. -0.006 min

Lab File: VX023329.D

Acq: 16 Jul 2021 16:09

Tgt Ion: 78 Resp: 500678

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.0  | 18.9  | 28.3  |



Instrument :

MSVOA\_X

ClientSampleId :

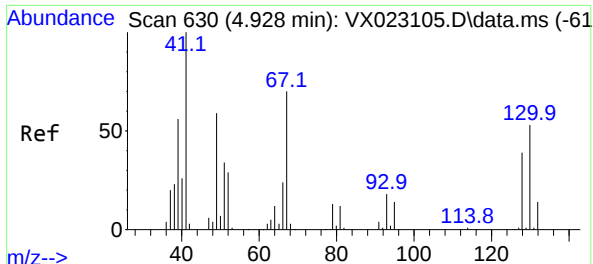
VSTDCCC050EC

Manual Integrations

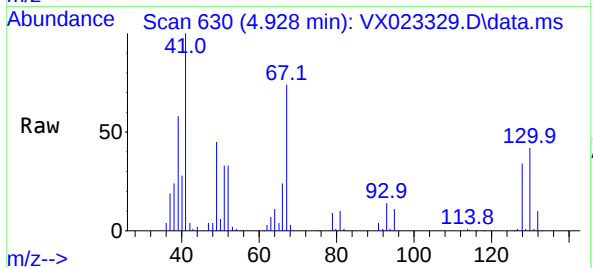
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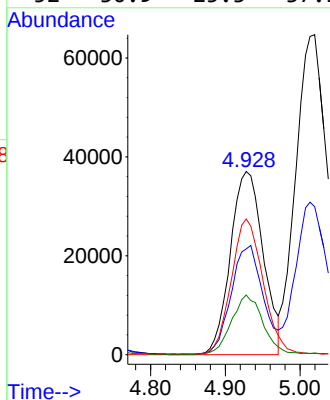


#41  
Methacrylonitrile  
Concen: 51.847 ug/l  
RT: 4.928 min Scan# 630  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



Tgt Ion: 41 Resp: 113387

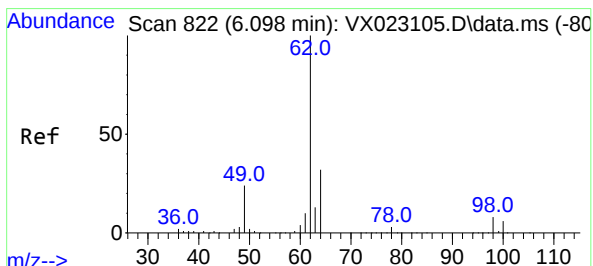
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.6  | 42.5  | 63.7  |
| 67  | 72.2  | 65.0  | 97.6  |
| 52  | 30.9  | 25.3  | 37.9  |



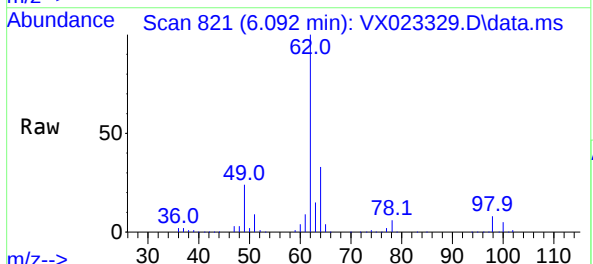
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

MMDadoda  
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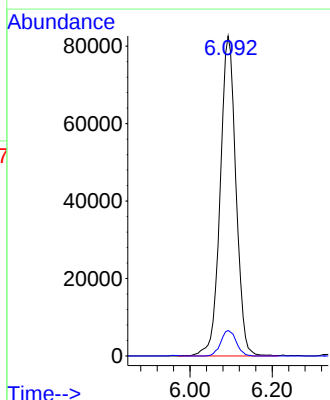
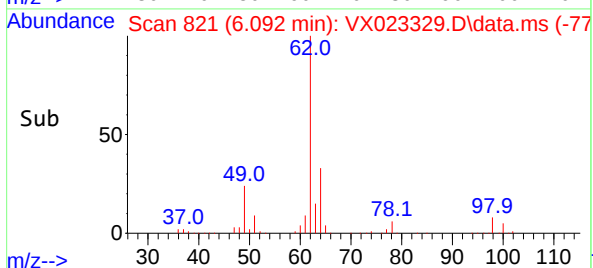


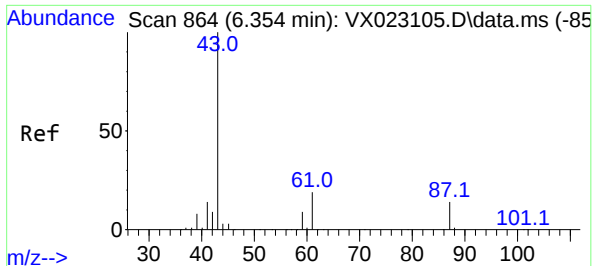
#42  
1,2-Dichloroethane  
Concen: 52.532 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



Tgt Ion: 62 Resp: 219777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 7.8   | 0.0   | 20.2  |





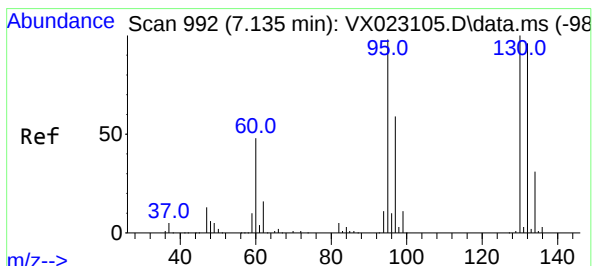
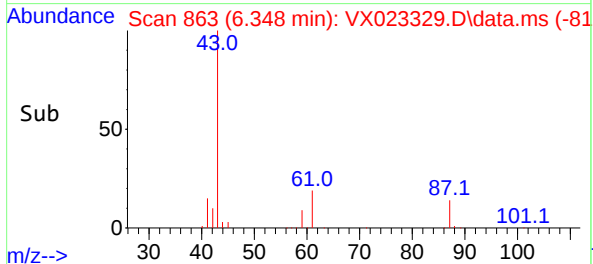
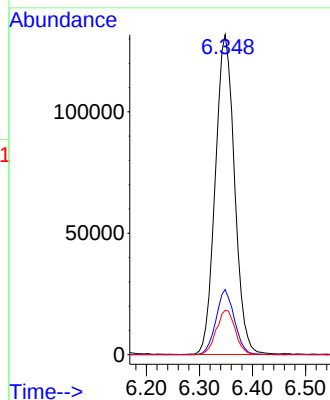
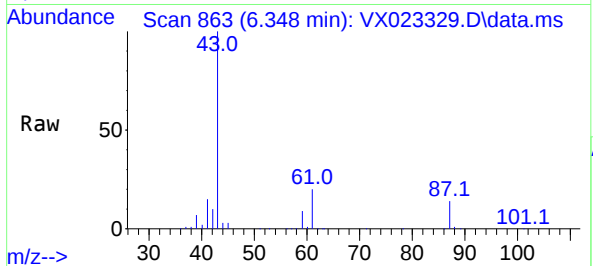
#43  
Isopropyl Acetate  
Concen: 51.059 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 332241 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 19.6  | 18.2  | 27.4   |
| 87       | 13.7  | 12.5  | 18.7   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

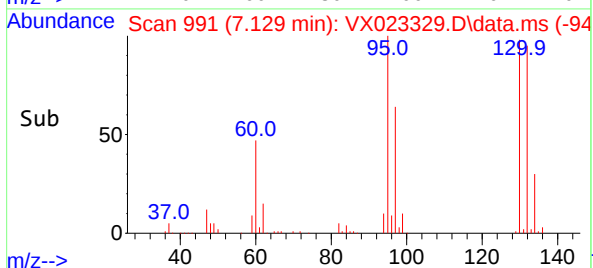
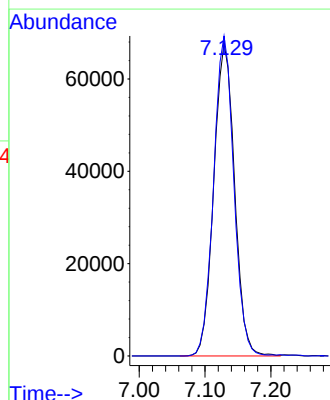
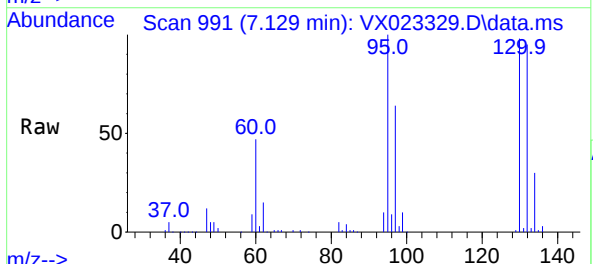
Manual Integrations  
APPROVED

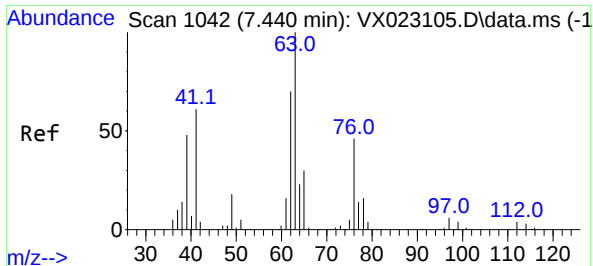
MMDadoda  
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#44  
Trichloroethene  
Concen: 50.339 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 148680 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 102.2 | 0.0   | 198.0  |





#45

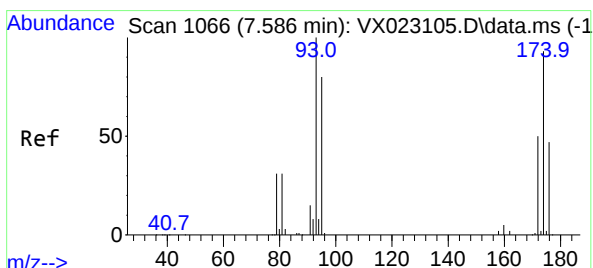
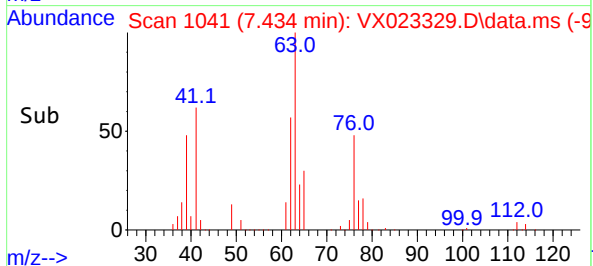
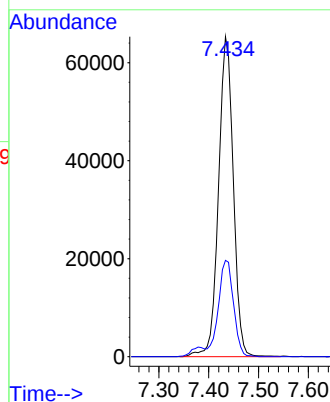
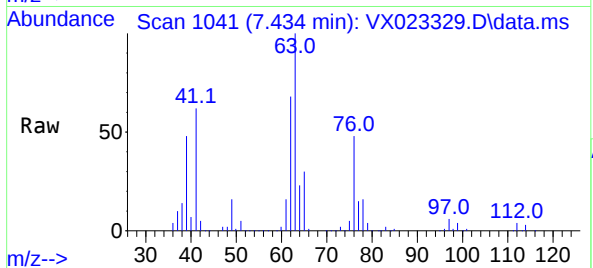
1,2-Dichloropropane  
Concen: 49.505 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 63 Resp: 134552  
Ion Ratio Lower Upper  
63 100  
65 30.1 25.7 38.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

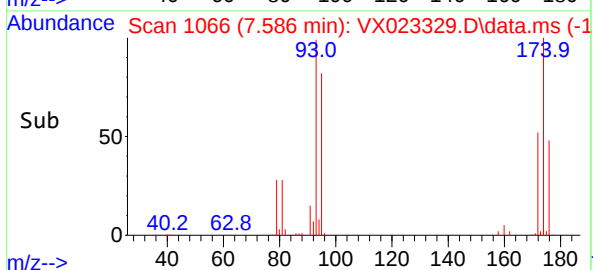
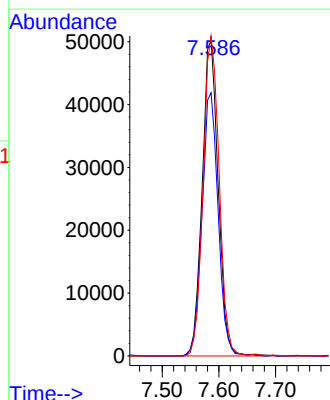
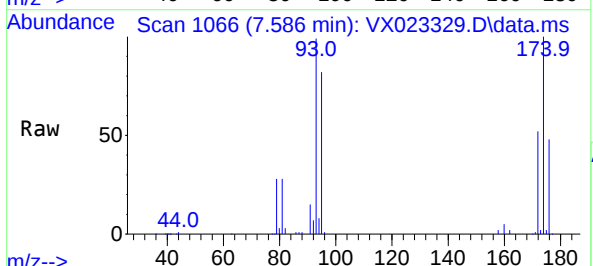
MMDadoda  
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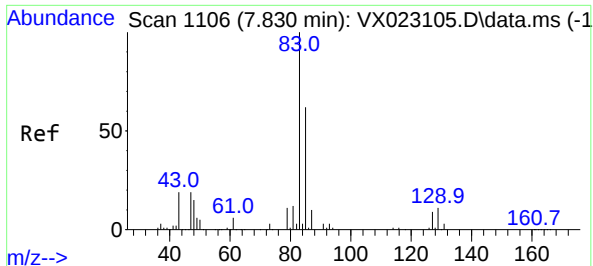


#46

Dibromomethane  
Concen: 50.806 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

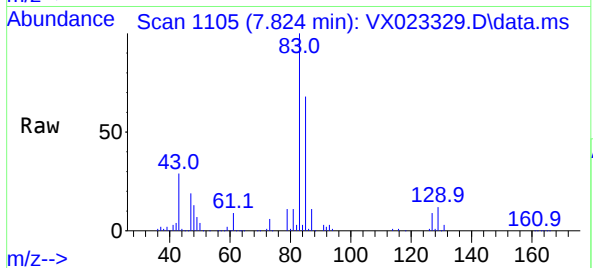
Tgt Ion: 93 Resp: 98618  
Ion Ratio Lower Upper  
93 100  
95 83.8 66.8 100.2  
174 100.9 83.1 124.7





#47  
Bromodichloromethane  
Concen: 55.504 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

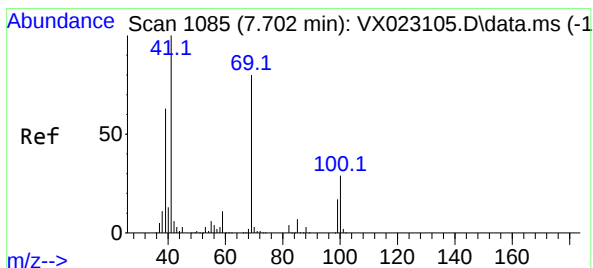
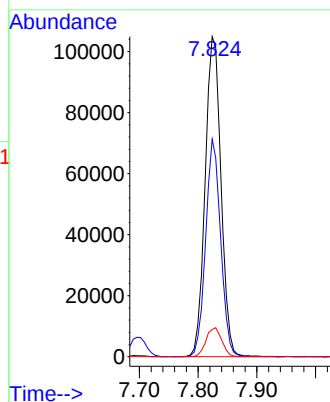
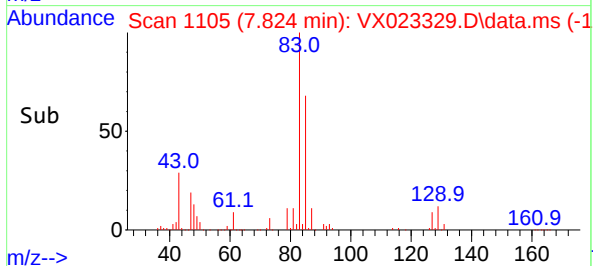
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



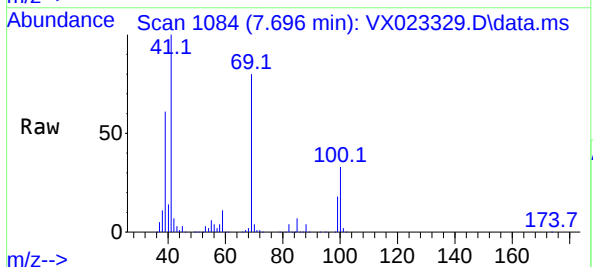
Tgt Ion: 83 Resp: 196705  
Ion Ratio Lower Upper  
83 100  
85 68.0 51.4 77.0  
127 8.5 6.8 10.2

Manual Integrations  
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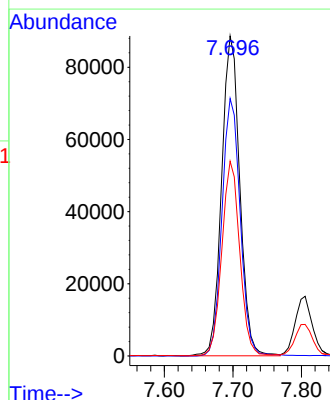
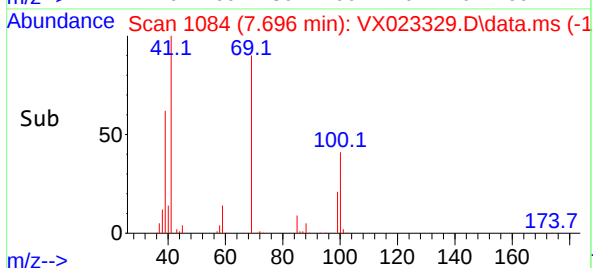
MMDadoda  
7/19/2021 5:53:17 PM

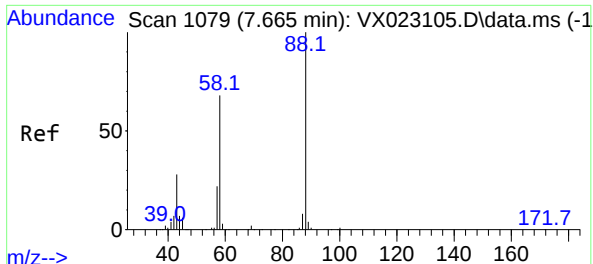


#48  
Methyl methacrylate  
Concen: 50.933 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



Tgt Ion: 41 Resp: 162624  
Ion Ratio Lower Upper  
41 100  
69 81.0 76.0 114.0  
39 59.9 44.6 67.0





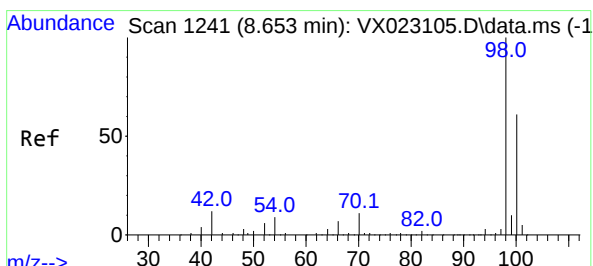
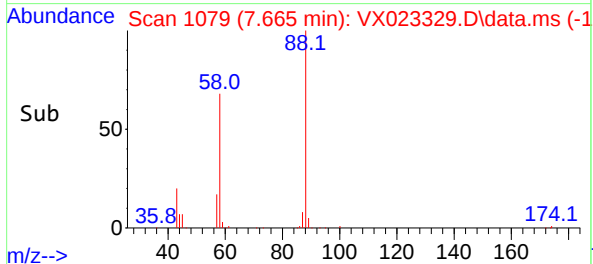
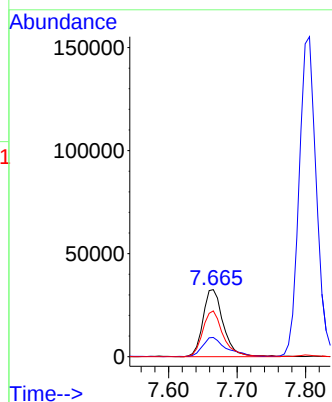
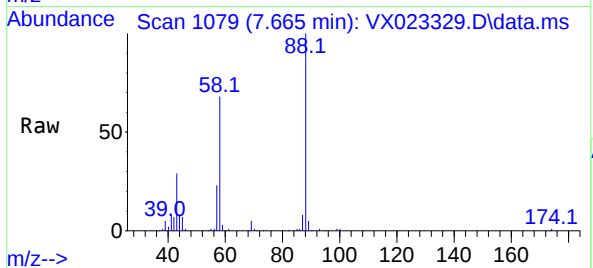
#49  
1,4-Dioxane  
Concen: 935.041 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 88 Resp: 67192  
Ion Ratio Lower Upper  
88 100  
43 34.1 23.2 34.8  
58 69.1 55.0 82.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

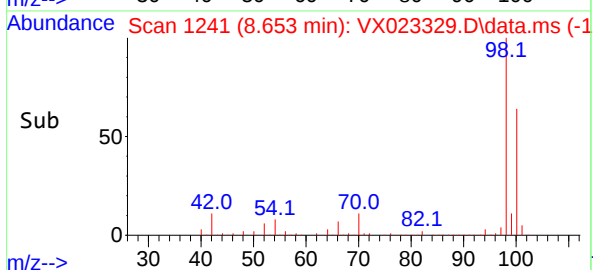
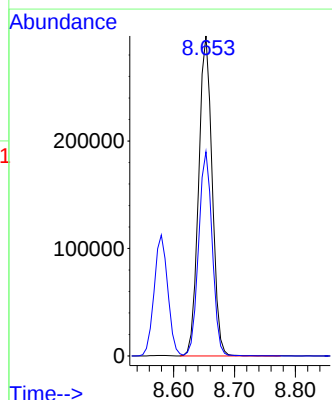
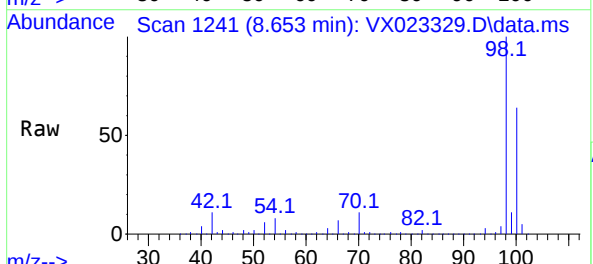
Manual Integrations  
APPROVED

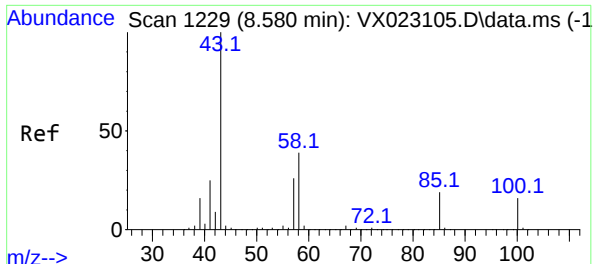
MMDadoda  
7/19/2021 5:53:17 PM



#50  
Toluene-d8  
Concen: 47.388 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 98 Resp: 459190  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.9 77.9





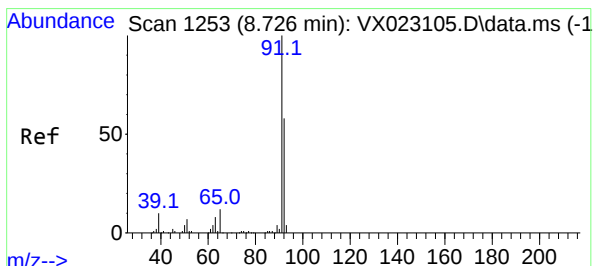
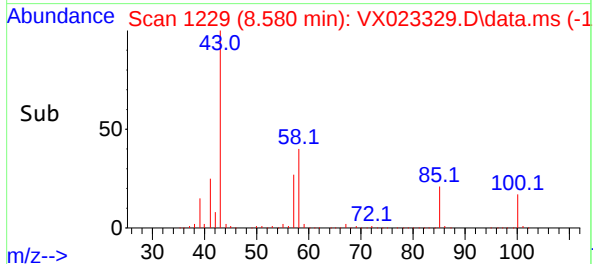
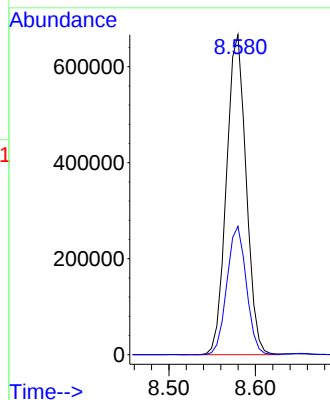
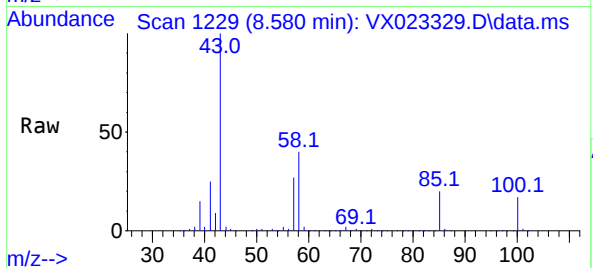
#51  
4-Methyl-2-Pentanone  
Concen: 260.970 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 43 Resp: 1052274  
Ion Ratio Lower Upper  
43 100  
58 39.7 35.4 53.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

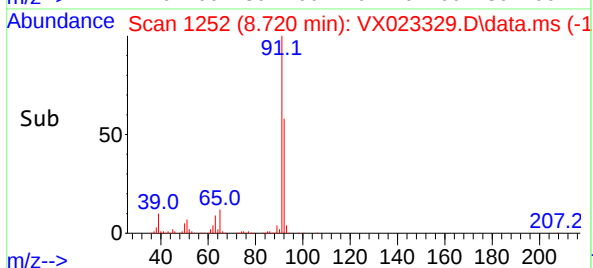
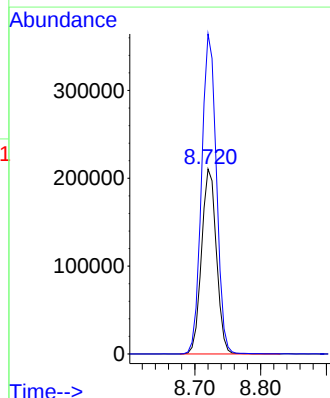
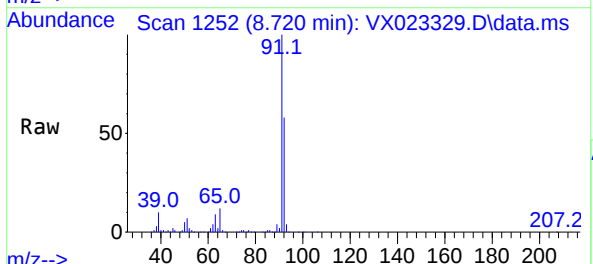
Manual Integrations  
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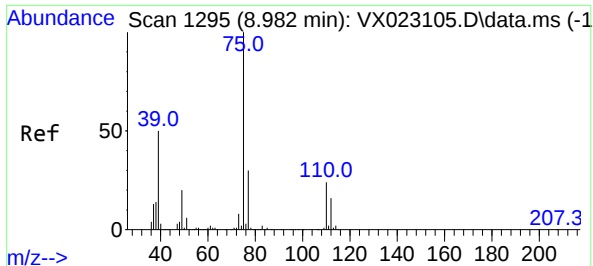
MMDadoda  
7/19/2021 5:53:17 PM



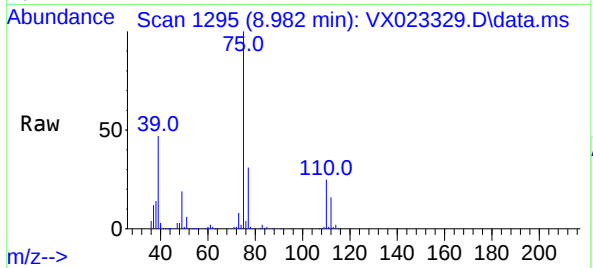
#52  
Toluene  
Concen: 49.086 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 92 Resp: 330750  
Ion Ratio Lower Upper  
92 100  
91 172.9 137.1 205.7

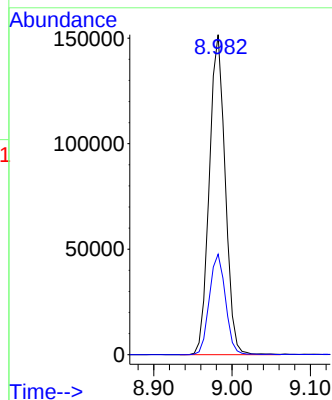




#53  
t-1,3-Dichloropropene  
Concen: 47.817 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



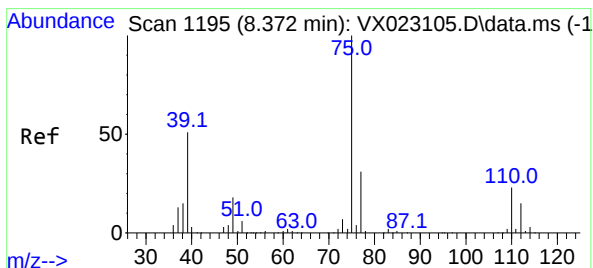
Tgt Ion: 75 Resp: 213667  
Ion Ratio Lower Upper  
75 100  
77 31.4 24.9 37.3



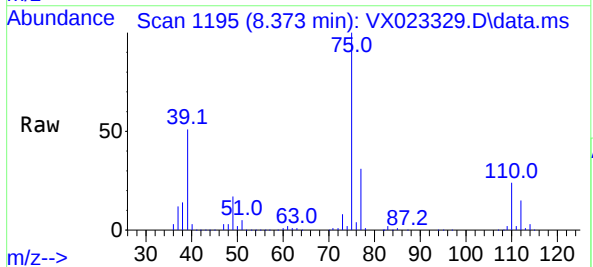
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

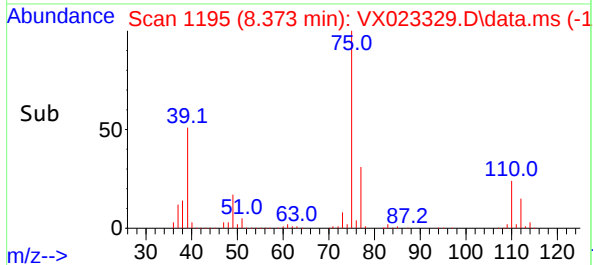
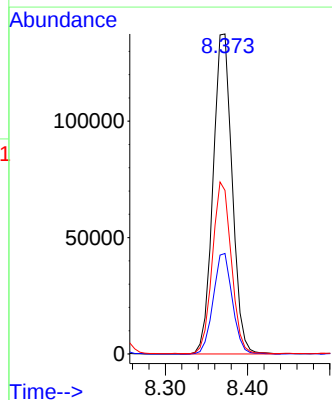
MMDadoda  
7/19/2021 5:53:17 PM

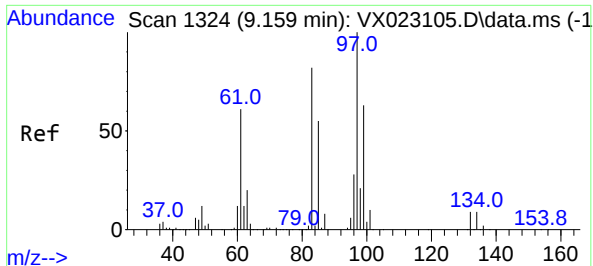


#54  
cis-1,3-Dichloropropene  
Concen: 47.766 ug/l  
RT: 8.373 min Scan# 1195  
Delta R.T. 0.001 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



Tgt Ion: 75 Resp: 222335  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.7 38.5  
39 51.0 35.1 52.7





#55  
1,1,2-Trichloroethane  
Concen: 51.584 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

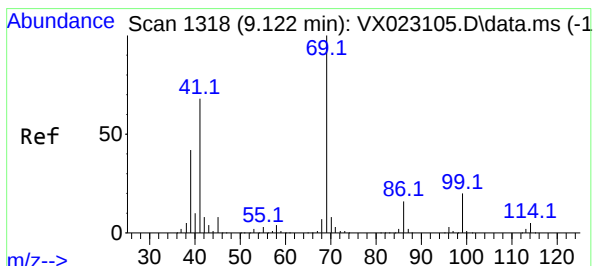
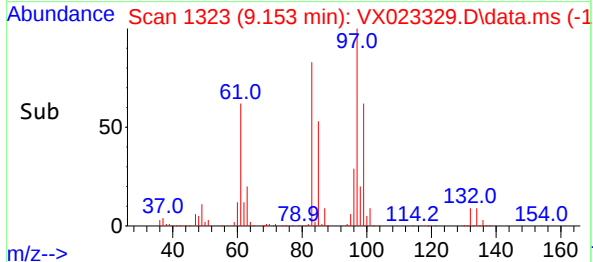
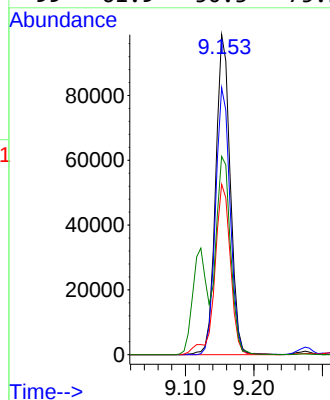
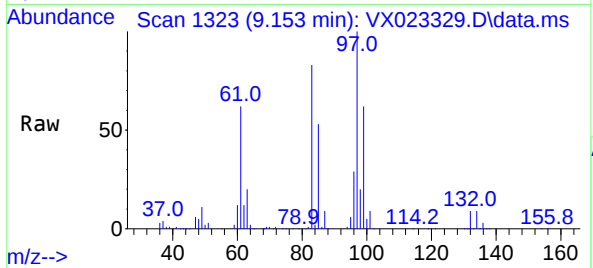
Tgt Ion: 97 Resp: 145961

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.5  | 69.3  | 103.9 |
| 85  | 53.2  | 44.3  | 66.5  |
| 99  | 61.9  | 50.3  | 75.5  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

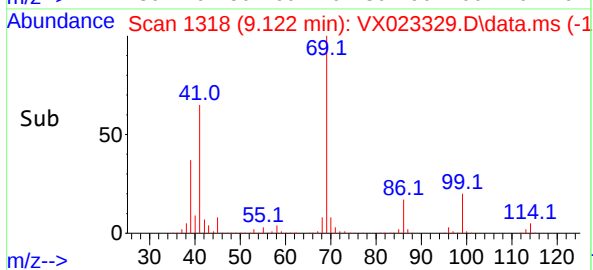
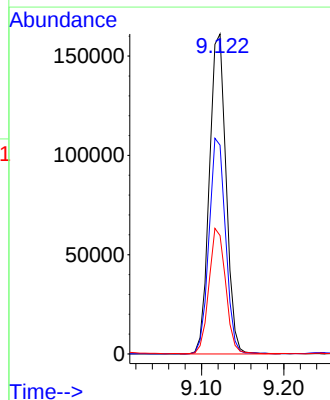
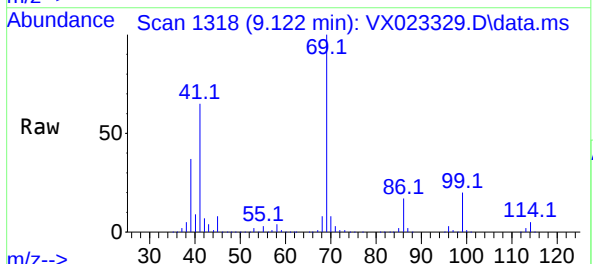
MMDadoda  
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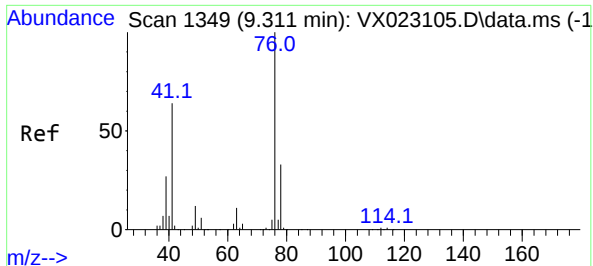


#56  
Ethyl methacrylate  
Concen: 52.073 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 69 Resp: 227684

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 66.8  | 46.8  | 70.2  |
| 39  | 39.1  | 24.7  | 37.1# |





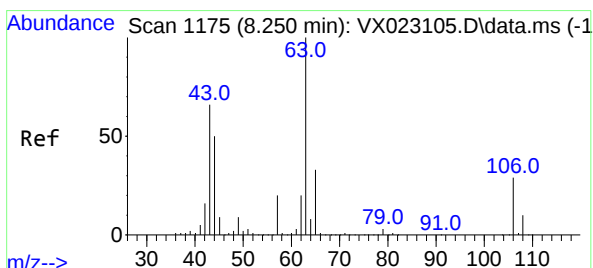
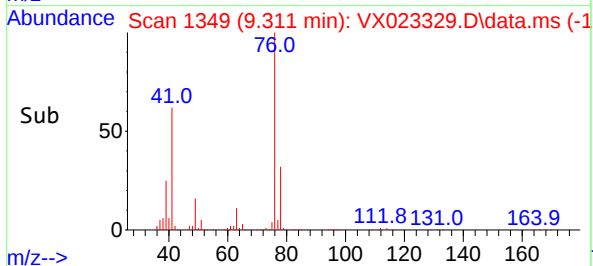
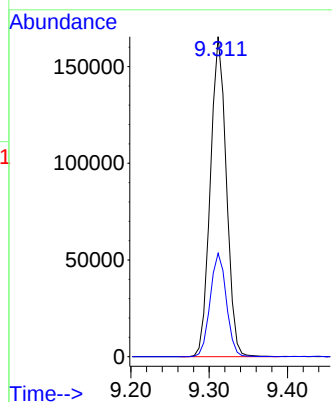
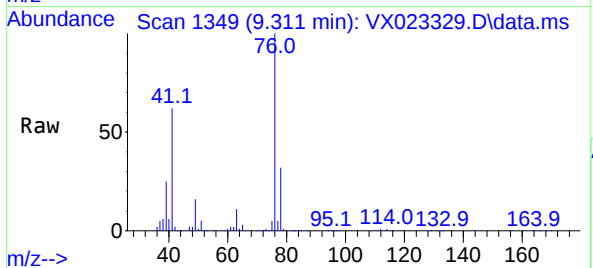
#57  
1,3-Dichloropropane  
Concen: 50.132 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 76 Resp: 234460  
Ion Ratio Lower Upper  
76 100  
78 32.5 26.2 39.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

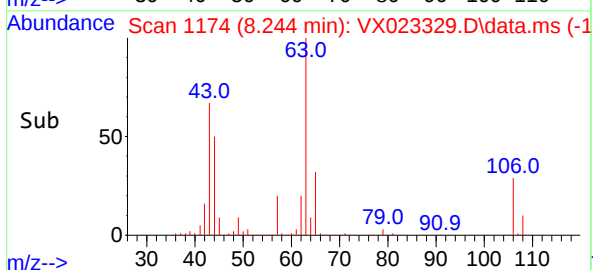
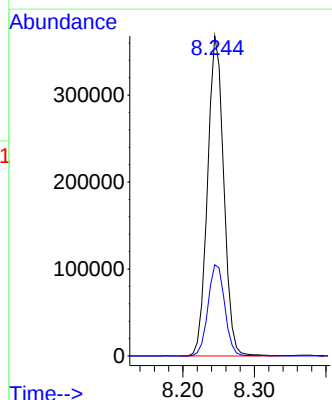
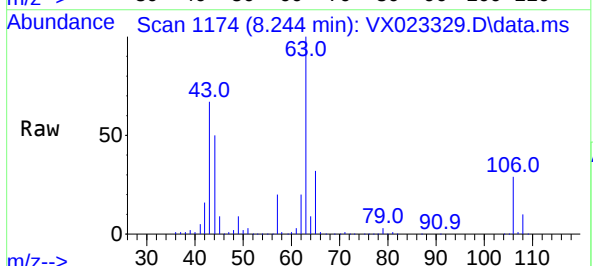
Manual Integrations  
APPROVED

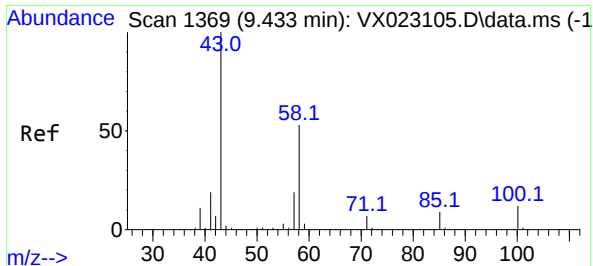
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#58  
2-Chloroethyl Vinyl ether  
Concen: 243.321 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 63 Resp: 578713  
Ion Ratio Lower Upper  
63 100  
106 29.5 23.5 35.3





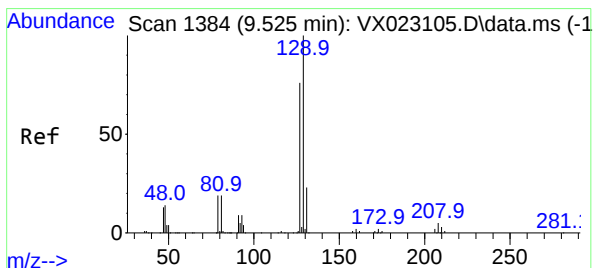
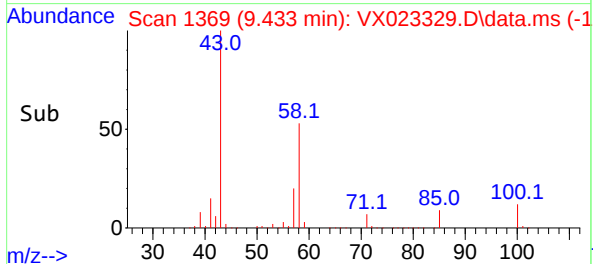
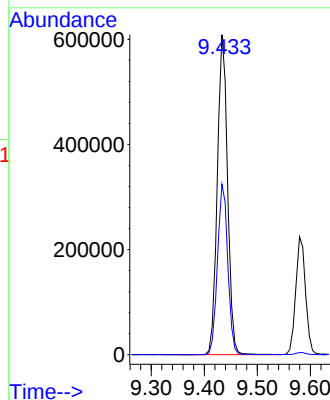
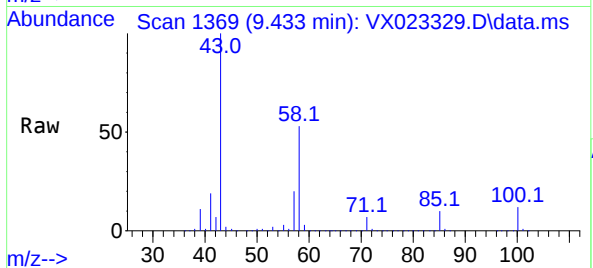
#59  
2-Hexanone  
Concen: 264.608 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 43 Resp: 818636  
Ion Ratio Lower Upper  
43 100  
58 53.7 30.9 92.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

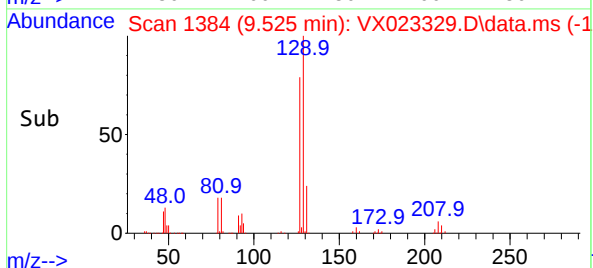
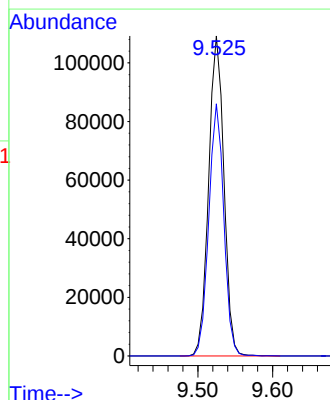
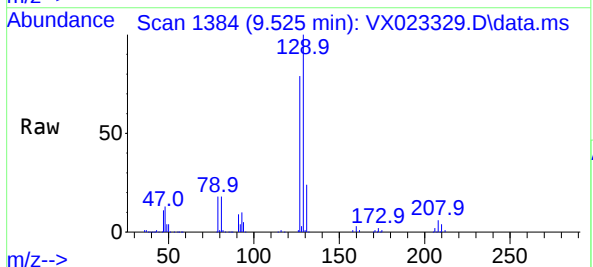
Manual Integrations  
APPROVED

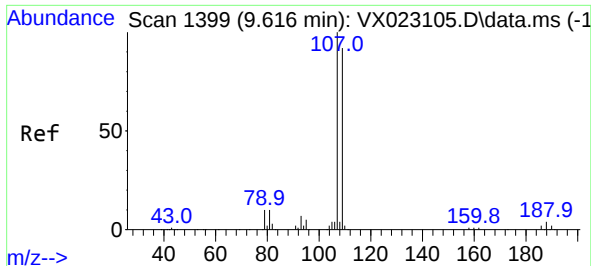
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#60  
Dibromochloromethane  
Concen: 49.161 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 129 Resp: 155147  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.4 115.2





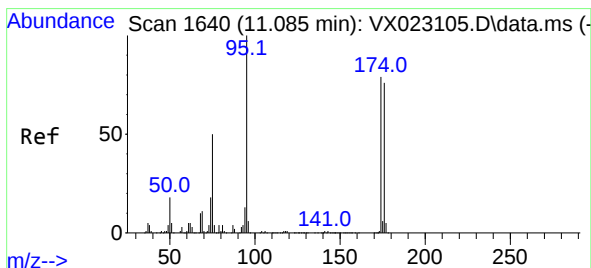
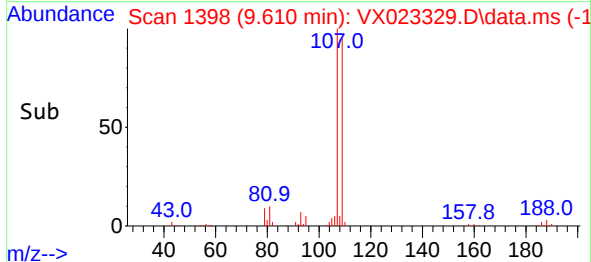
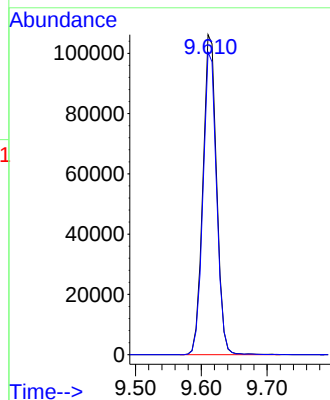
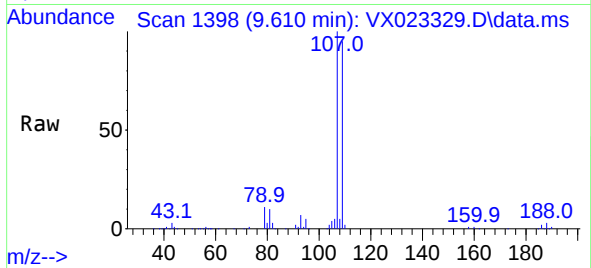
#61  
1,2-Dibromoethane  
Concen: 52.936 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion:107 Resp: 153731  
Ion Ratio Lower Upper  
107 100  
109 93.9 75.8 113.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

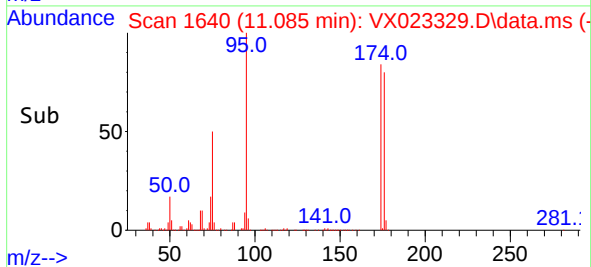
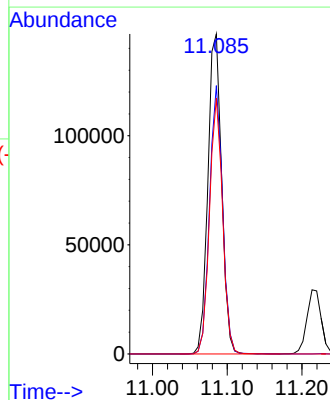
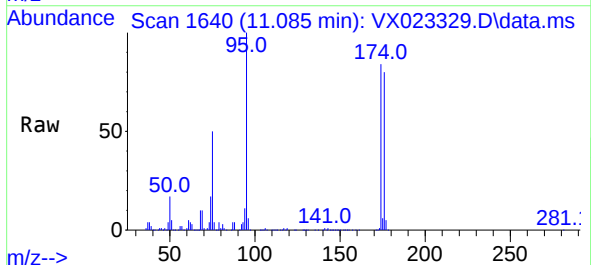
Manual Integrations  
APPROVED

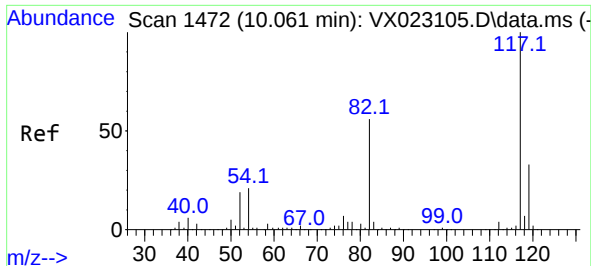
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#62  
4-Bromofluorobenzene  
Concen: 50.023 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 95 Resp: 187127  
Ion Ratio Lower Upper  
95 100  
174 79.6 0.0 154.6  
176 75.8 0.0 155.8





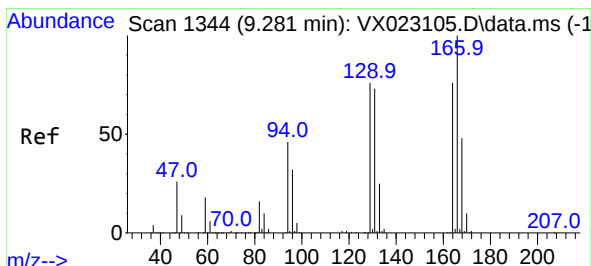
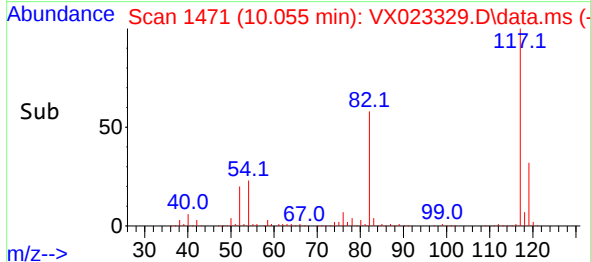
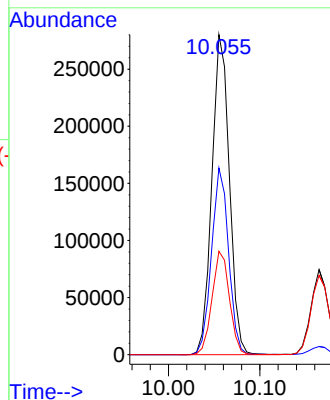
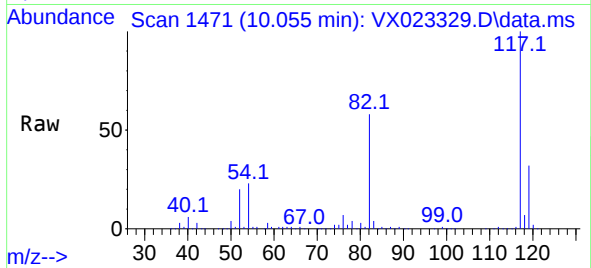
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:117 Resp: 371513  
Ion Ratio Lower Upper  
117 100  
82 58.3 47.4 71.2  
119 32.3 26.6 39.8

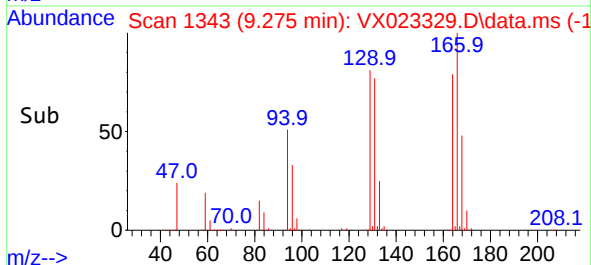
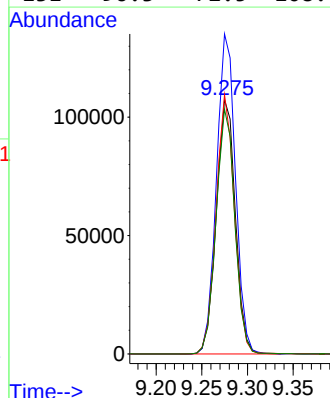
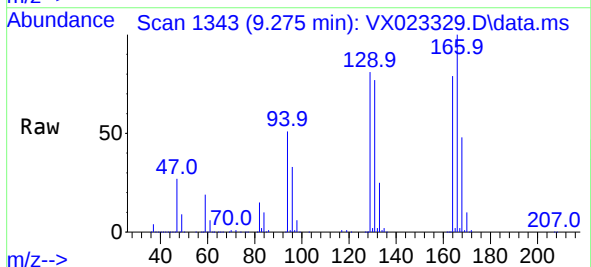
Manual Integrations  
APPROVED

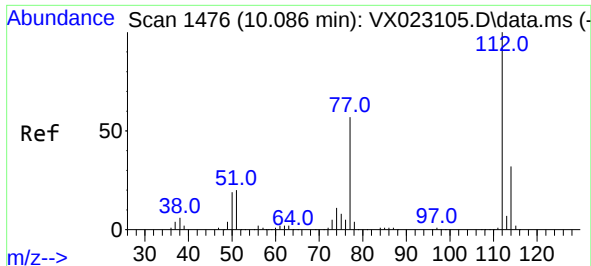
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 52.563 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion:164 Resp: 155752  
Ion Ratio Lower Upper  
164 100  
166 125.8 103.4 155.2  
129 102.0 70.8 106.2  
131 96.3 72.5 108.7





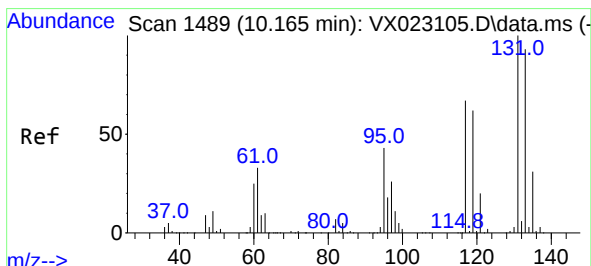
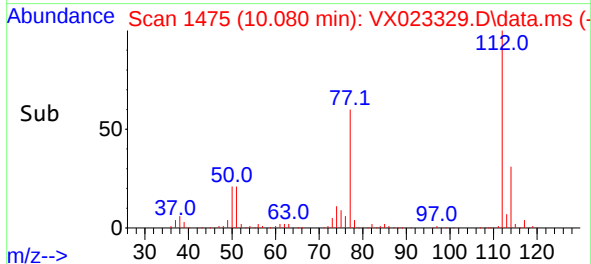
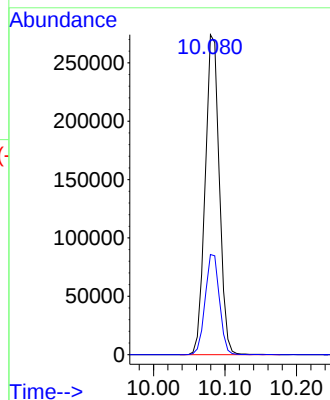
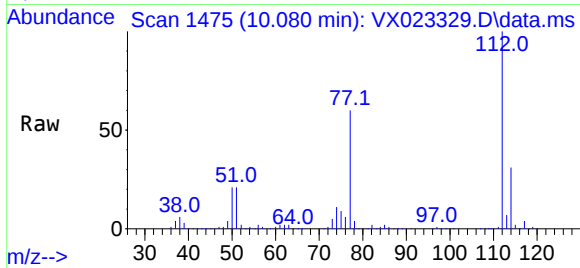
#65  
Chlorobenzene  
Concen: 51.291 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:112 Resp: 376676  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.8 38.6

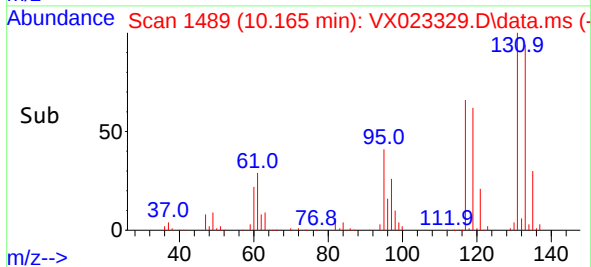
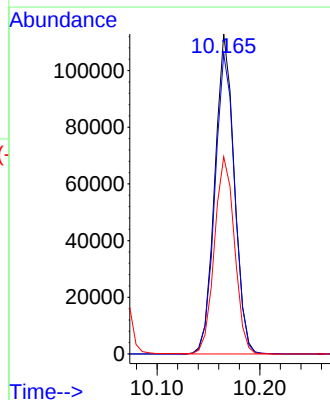
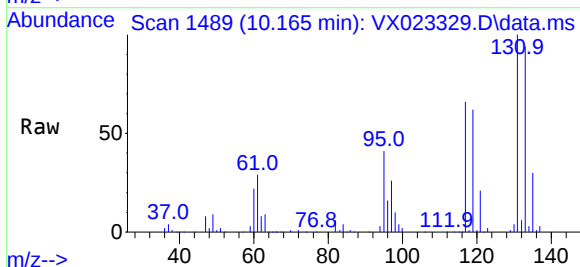
Manual Integrations  
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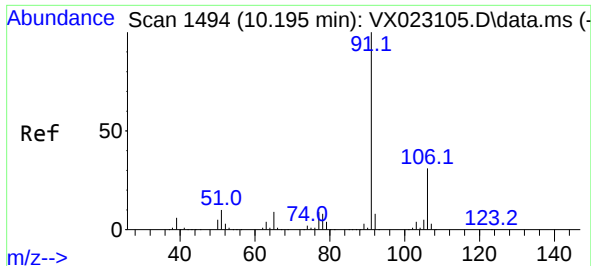
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.975 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion:131 Resp: 148632  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.7 143.1  
119 63.4 32.1 96.5





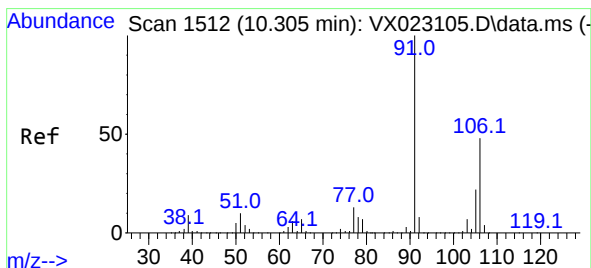
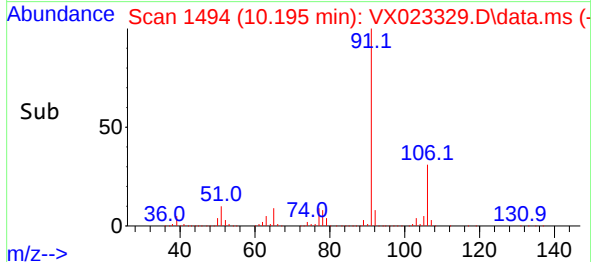
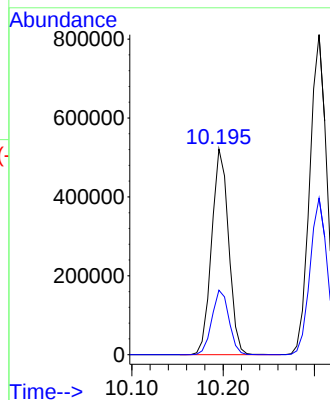
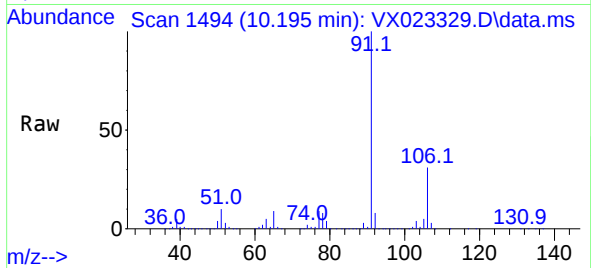
#67  
Ethyl Benzene  
Concen: 51.694 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 91 Resp: 671118  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.6 37.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

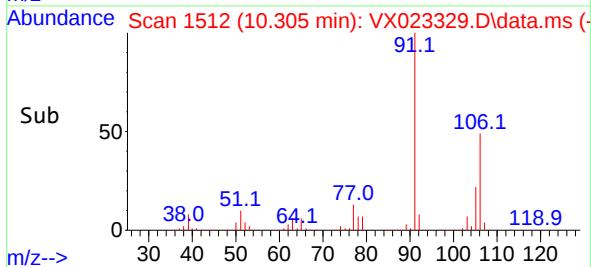
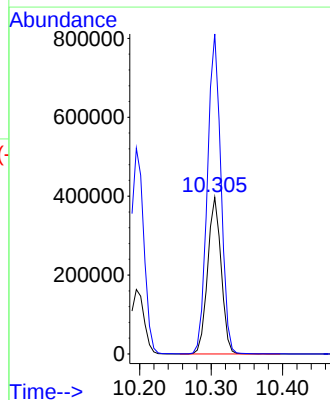
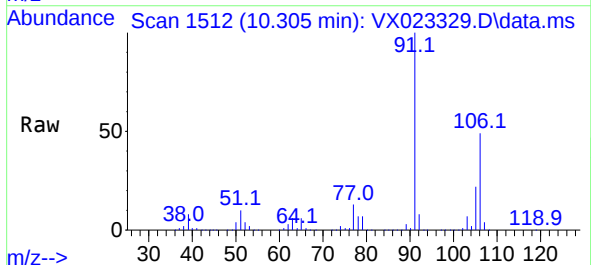
Manual Integrations  
APPROVED

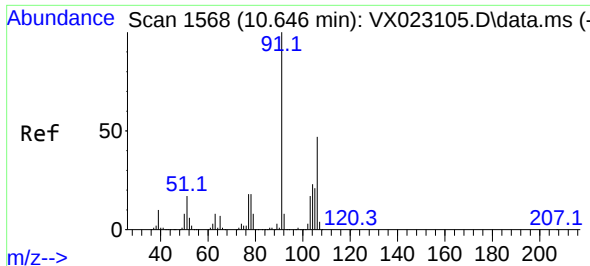
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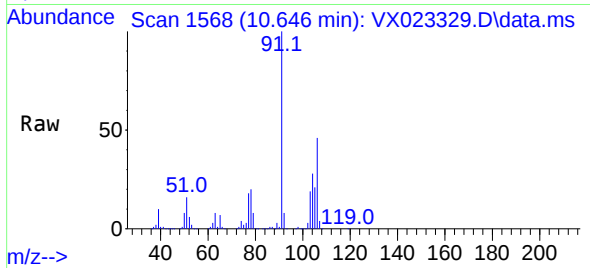
#68  
m/p-Xylenes  
Concen: 105.261 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion:106 Resp: 521729  
Ion Ratio Lower Upper  
106 100  
91 204.3 162.8 244.2

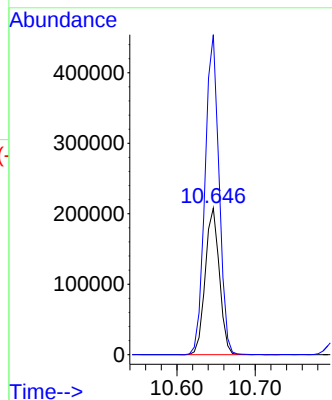




#69  
o-Xylene  
Concen: 52.047 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



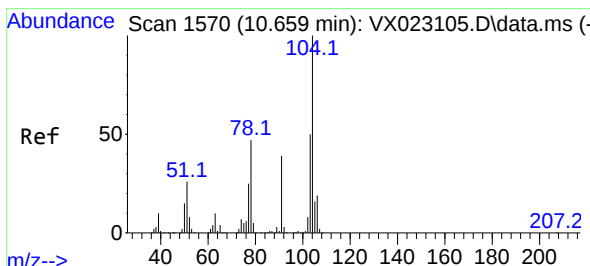
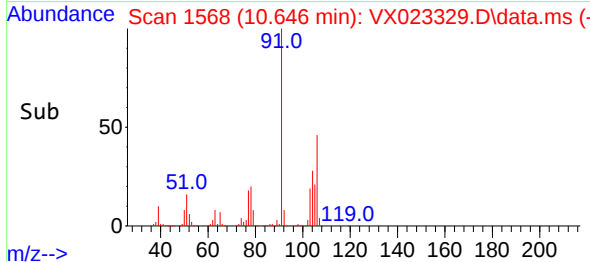
Tgt Ion:106 Resp: 259993  
Ion Ratio Lower Upper  
106 100  
91 217.0 108.1 324.2



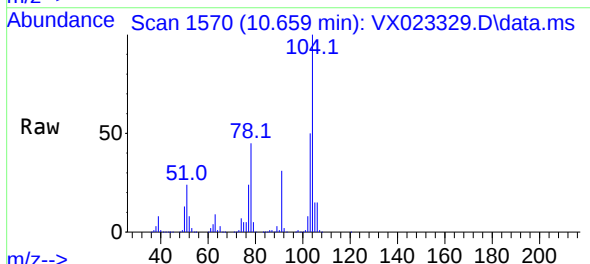
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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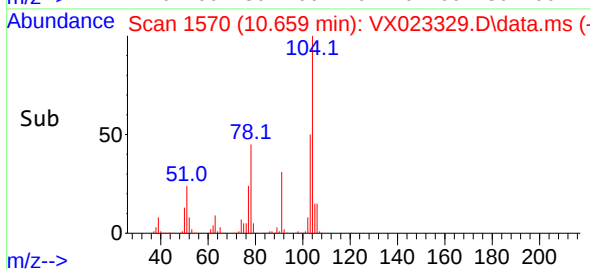
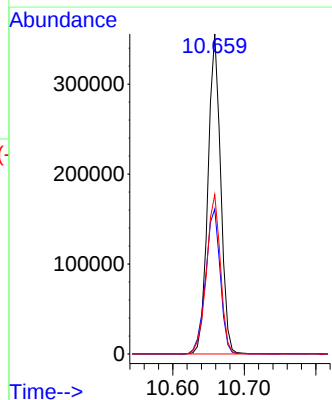
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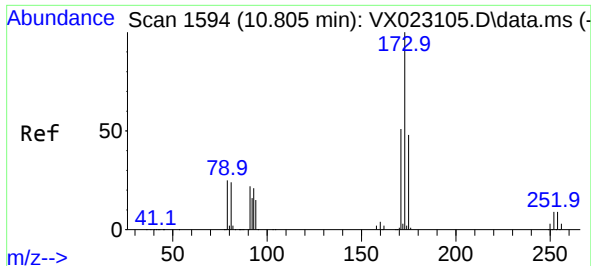


#70  
Styrene  
Concen: 53.885 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



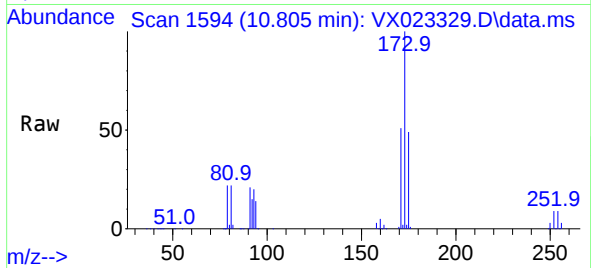
Tgt Ion:104 Resp: 439686  
Ion Ratio Lower Upper  
104 100  
78 52.1 40.0 60.0  
103 54.8 43.4 65.0





#71  
Bromoform  
Concen: 50.575 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

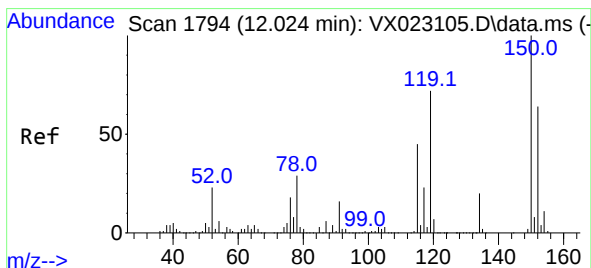
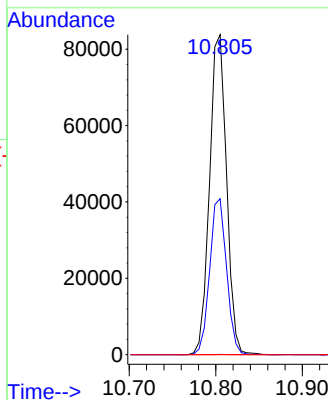
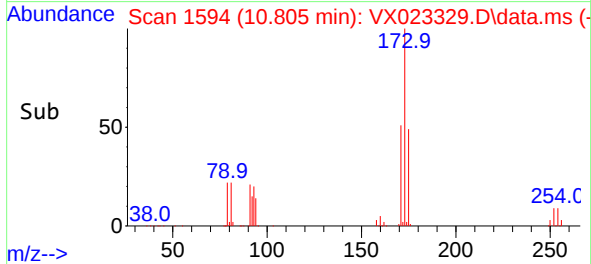
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



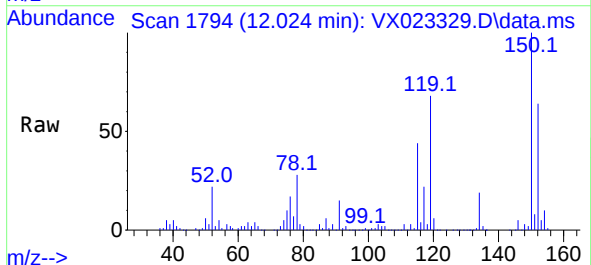
Tgt Ion:173 Resp: 114269  
Ion Ratio Lower Upper  
173 100  
175 48.5 23.9 71.8  
254 0.0 0.1 0.1#

Manual Integrations  
APPROVED

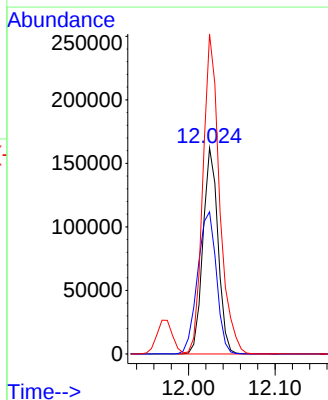
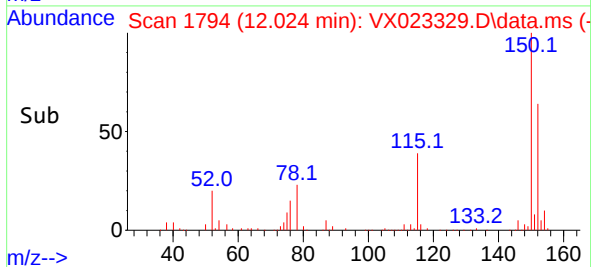
MMDadoda  
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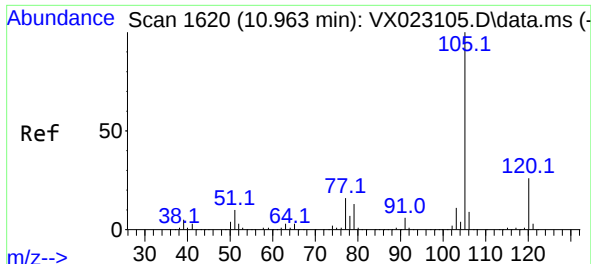


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



Tgt Ion:152 Resp: 195315  
Ion Ratio Lower Upper  
152 100  
115 86.2 41.1 123.3  
150 171.7 0.0 349.0





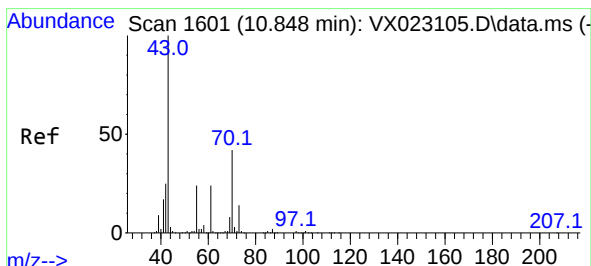
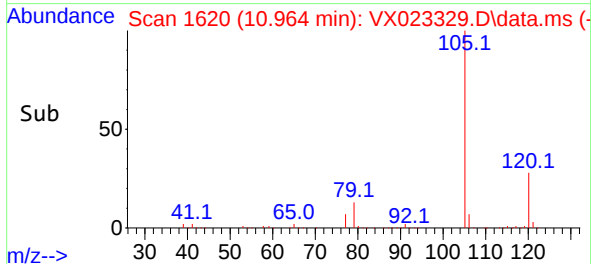
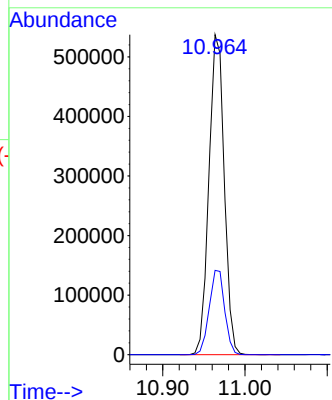
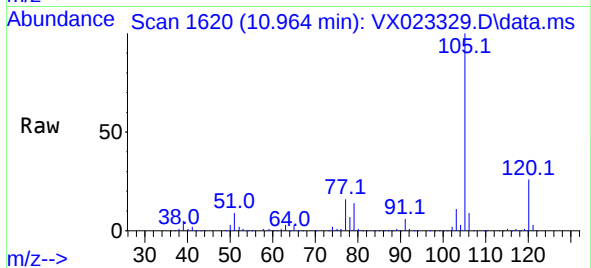
#73  
Isopropylbenzene  
Concen: 50.530 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.001 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:105 Resp: 695267  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.2 39.6

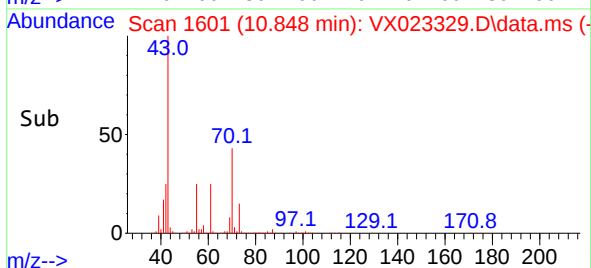
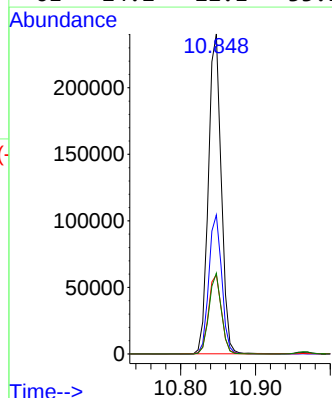
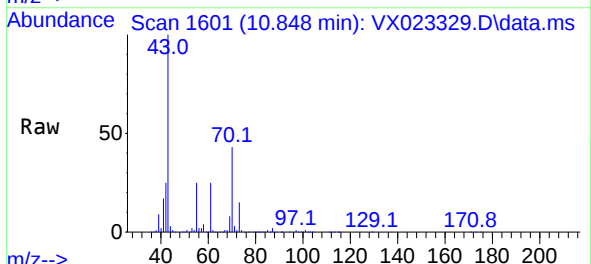
Manual Integrations  
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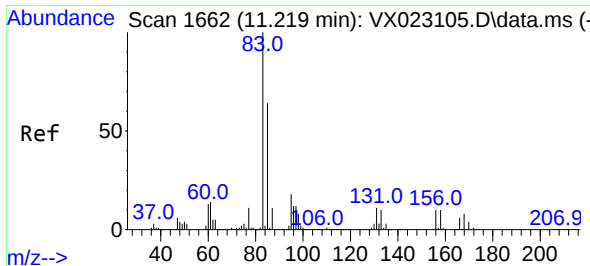
MMDadoda  
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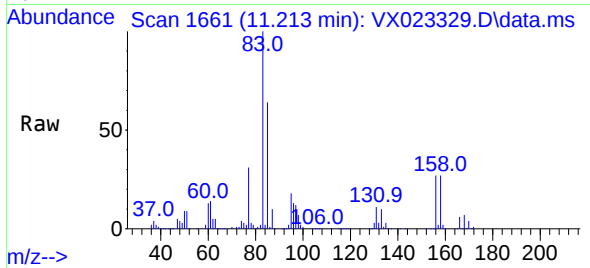
#74  
N-ethyl acetate  
Concen: 49.085 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 43 Resp: 286588  
Ion Ratio Lower Upper  
43 100  
70 43.5 39.0 58.6  
55 25.0 21.5 32.3  
61 24.2 22.1 33.1

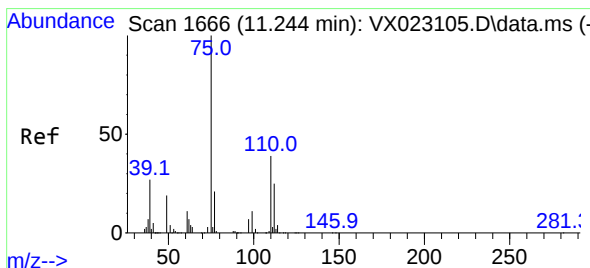
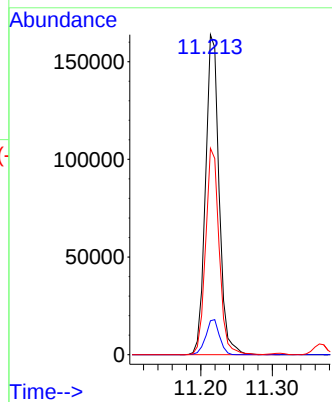
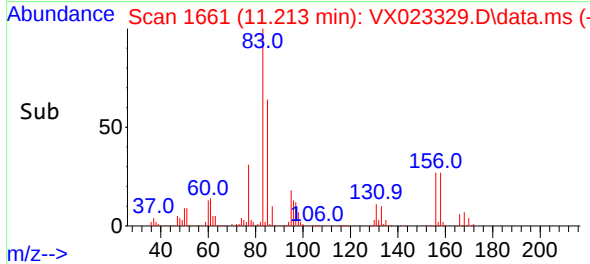




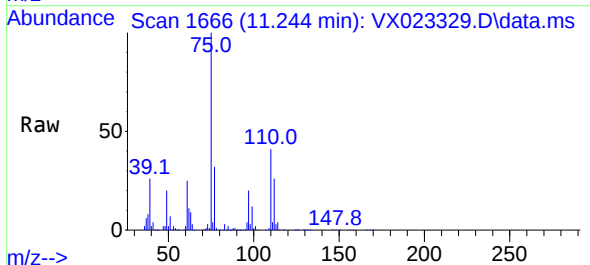
#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.454 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



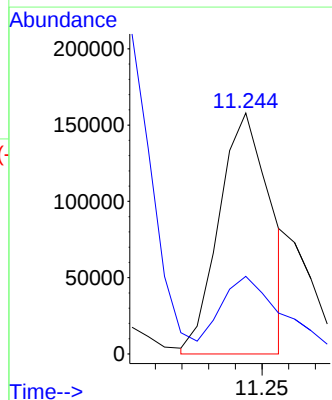
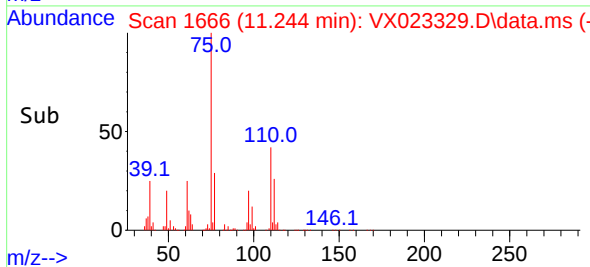
Tgt Ion: 83 Resp: 216190  
Ion Ratio Lower Upper  
83 100  
131 11.1 5.1 15.2  
85 64.4 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 53.690 ug/l m  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



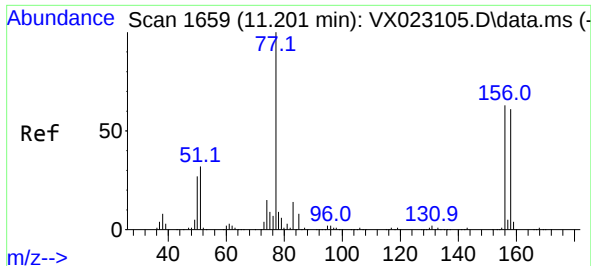
Tgt Ion: 75 Resp: 211024  
Ion Ratio Lower Upper  
75 100  
77 39.8 19.1 57.5



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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#77  
Bromobenzene  
Concen: 49.862 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

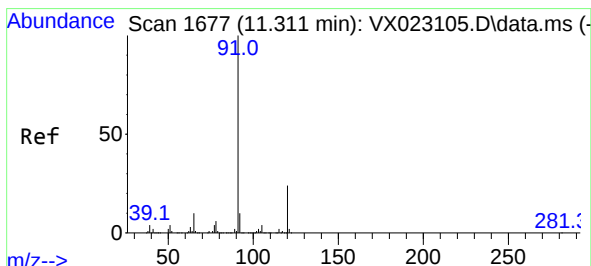
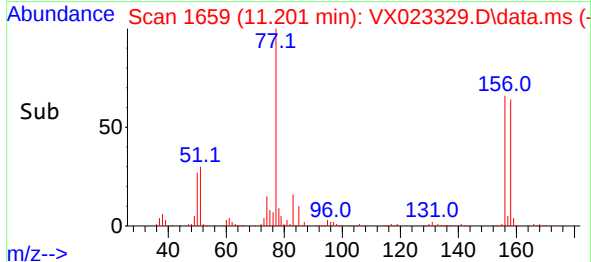
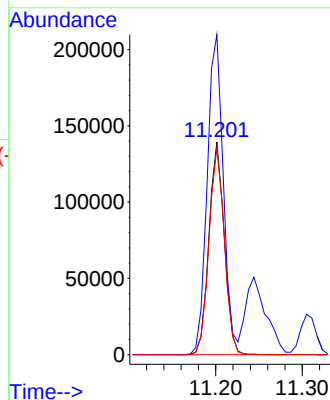
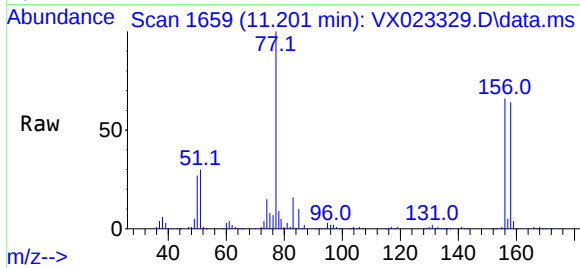
Tgt Ion: 156 Resp: 171296  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 157.8 | 82.8  | 248.6 |
| 158 | 97.5  | 49.1  | 147.4 |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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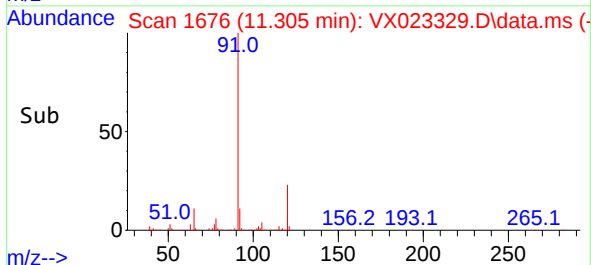
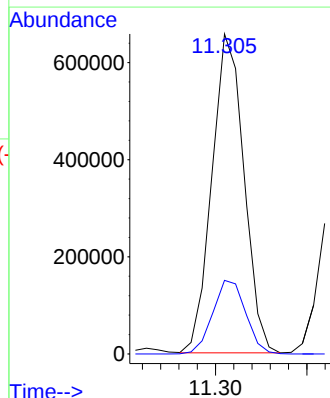
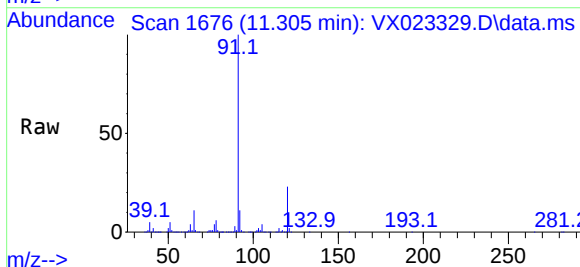
MMDadoda  
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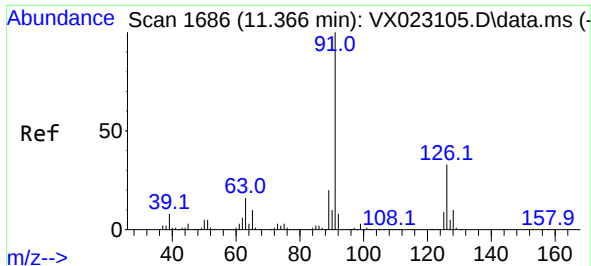


#78  
n-propylbenzene  
Concen: 50.399 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 91 Resp: 801873  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 23.7  | 11.5  | 34.5  |





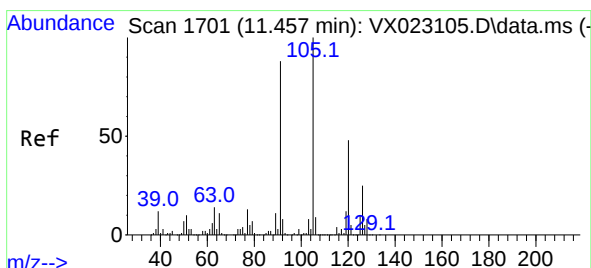
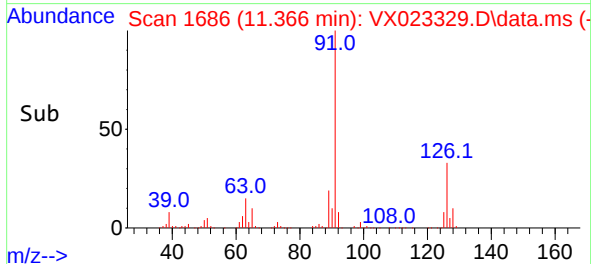
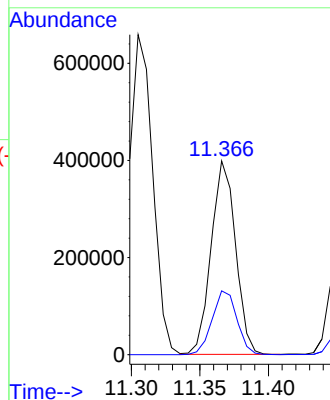
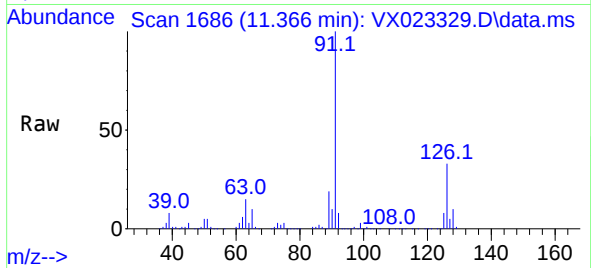
#79  
2-Chlorotoluene  
Concen: 50.075 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 492408  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.6 49.8

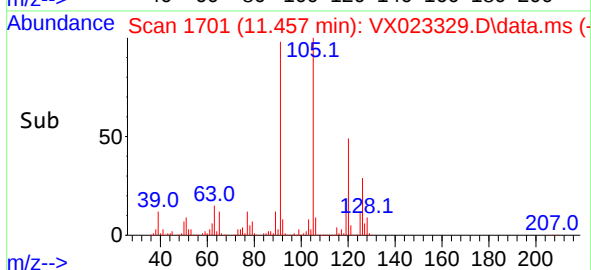
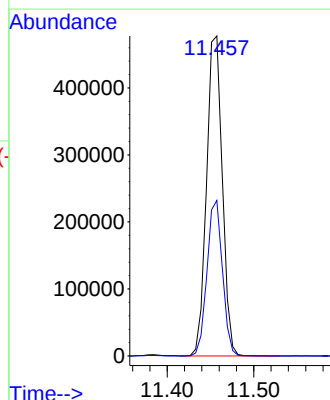
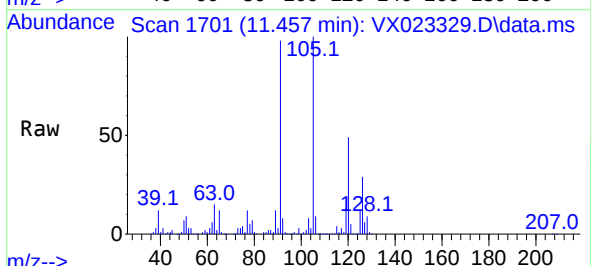
Manual Integrations  
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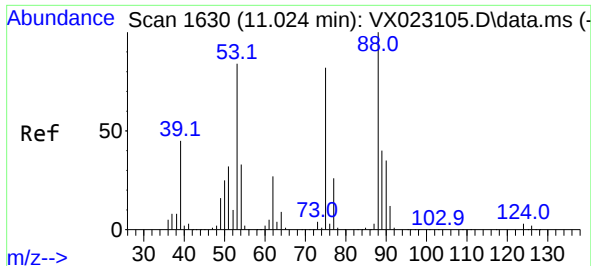
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#80  
1,3,5-Trimethylbenzene  
Concen: 50.924 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

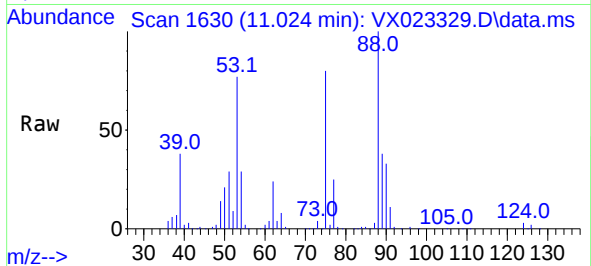
Tgt Ion: 105 Resp: 603308  
Ion Ratio Lower Upper  
105 100  
120 47.6 23.8 71.5





#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.012 ug/l  
RT: 11.024 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

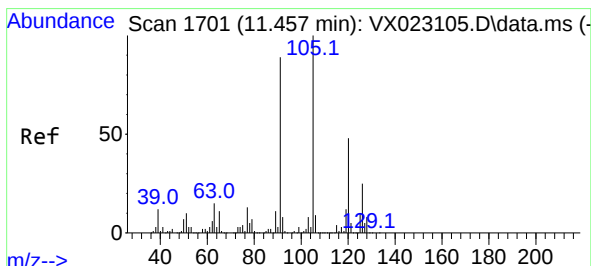
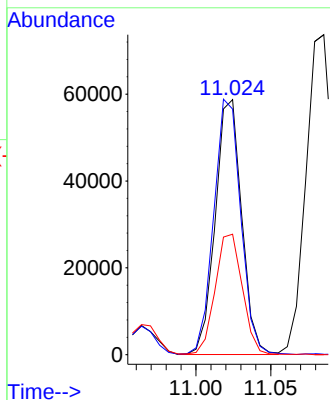
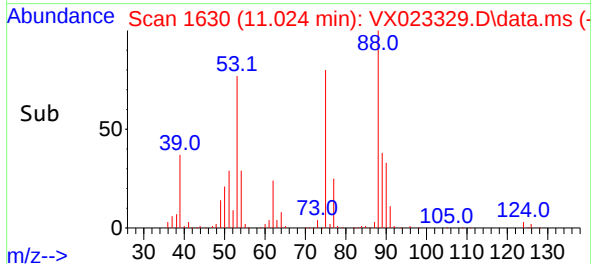
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



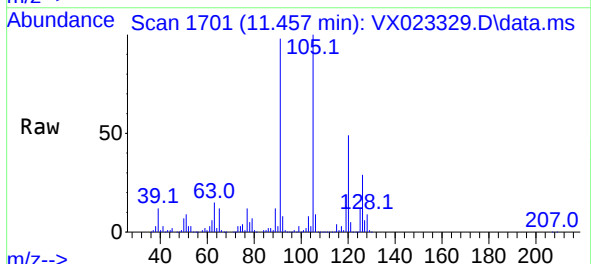
Tgt Ion: 75 Resp: 71951  
Ion Ratio Lower Upper  
75 100  
53 102.5 74.5 111.7  
89 48.5 37.9 56.9

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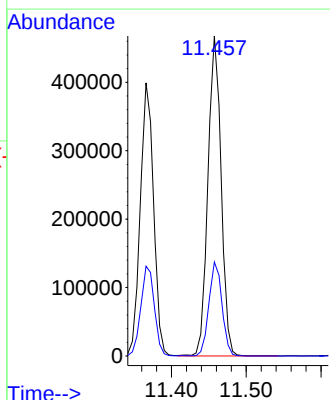
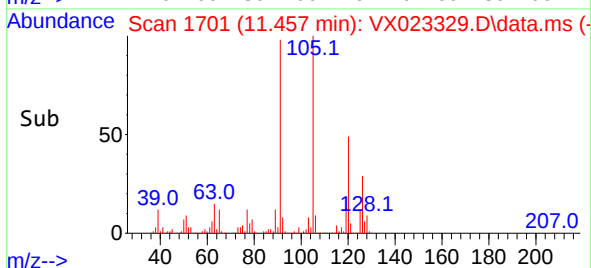
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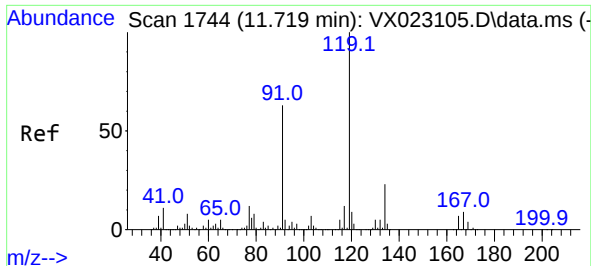


#82  
4-Chlorotoluene  
Concen: 51.507 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



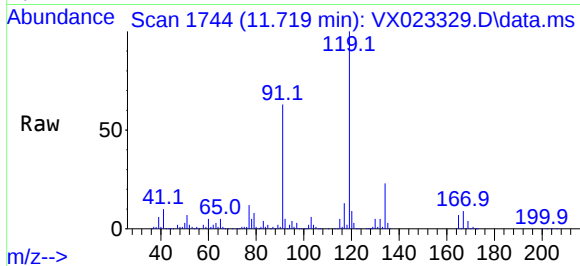
Tgt Ion: 91 Resp: 571969  
Ion Ratio Lower Upper  
91 100  
126 29.2 14.9 44.5





#83  
tert-Butylbenzene  
Concen: 52.253 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

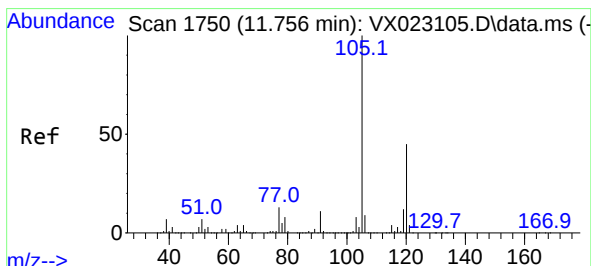
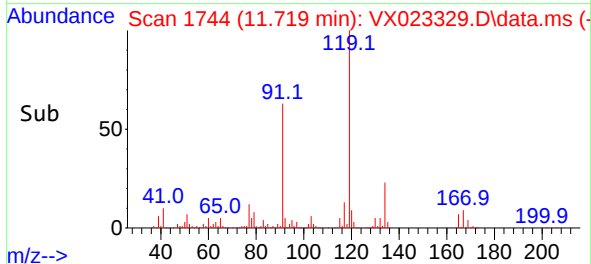
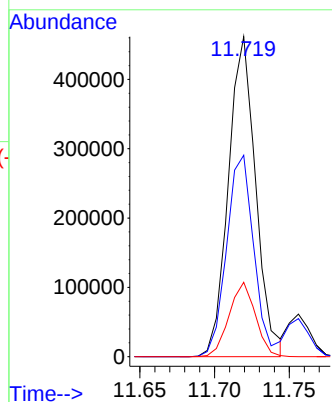
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:119 Resp: 587578  
Ion Ratio Lower Upper  
119 100  
91 62.0 27.9 83.7  
134 22.4 11.3 33.9

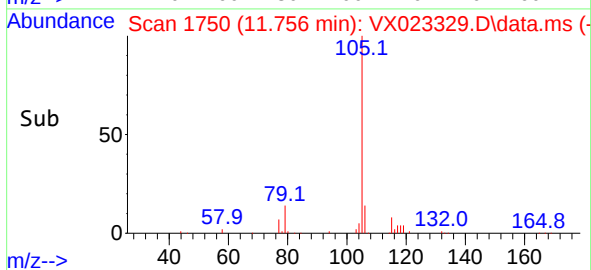
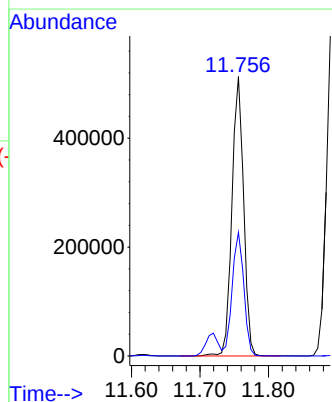
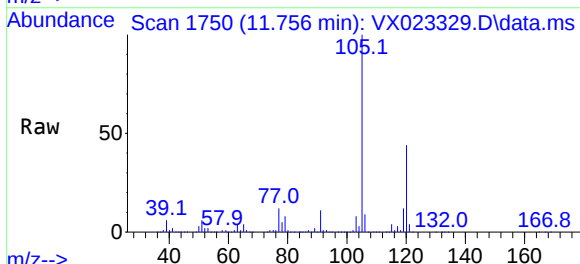
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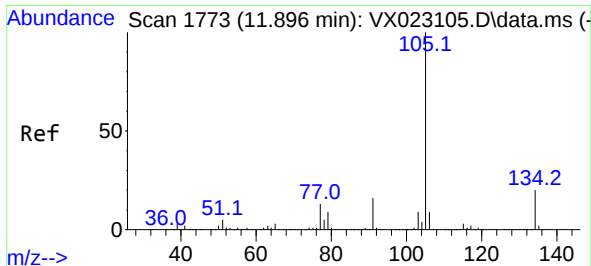
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#84  
1,2,4-Trimethylbenzene  
Concen: 51.945 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion:105 Resp: 608159  
Ion Ratio Lower Upper  
105 100  
120 44.1 22.4 67.3





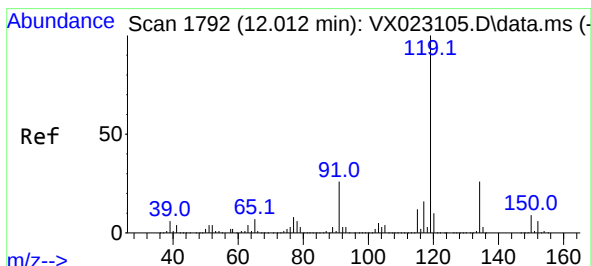
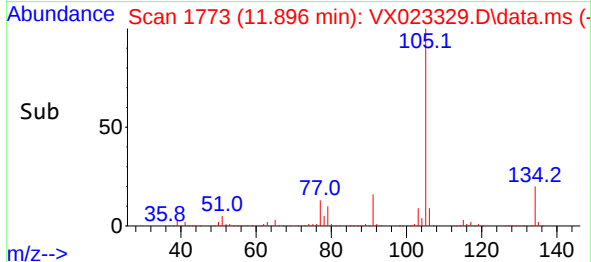
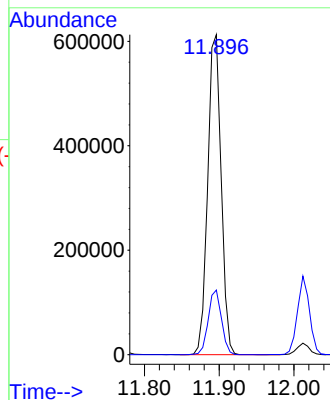
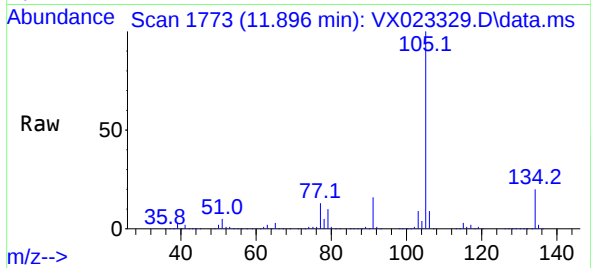
#85  
sec-Butylbenzene  
Concen: 52.822 ug/l  
RT: 11.896 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:105 Resp: 764278  
Ion Ratio Lower Upper  
105 100  
134 19.9 10.0 29.8

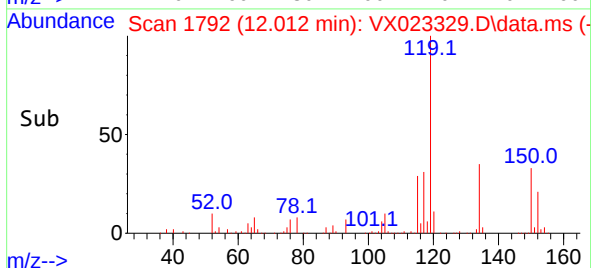
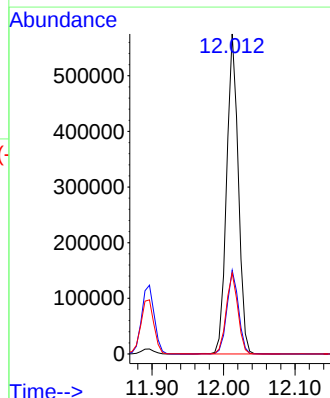
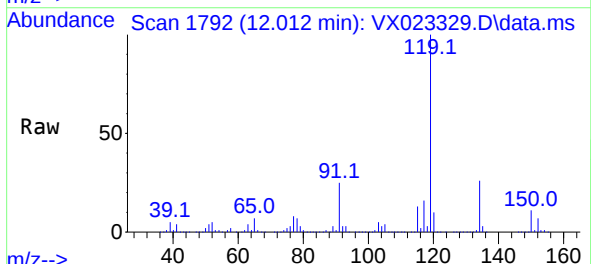
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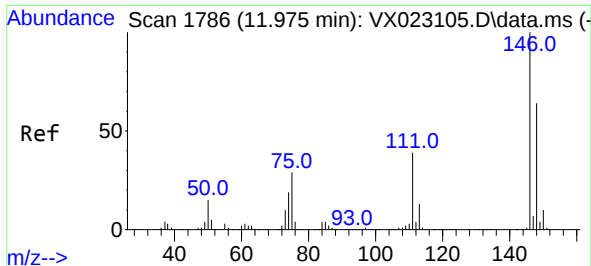
MMDadoda  
7/19/2021 5:53:17 PM



#86  
p-Isopropyltoluene  
Concen: 53.666 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion:119 Resp: 651374  
Ion Ratio Lower Upper  
119 100  
134 25.9 12.9 38.7  
91 25.1 11.7 35.0





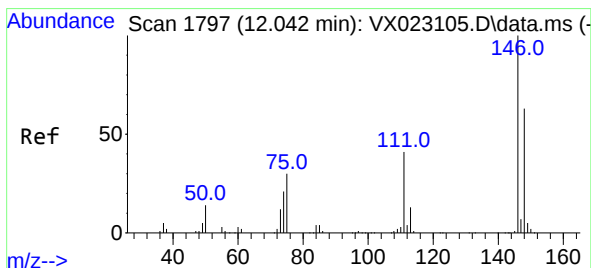
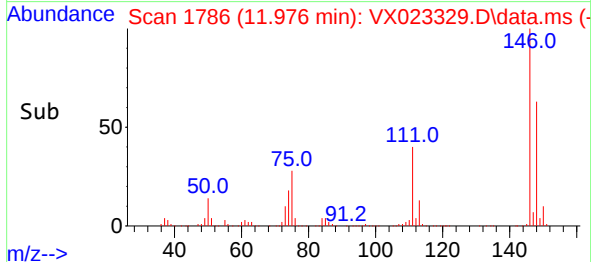
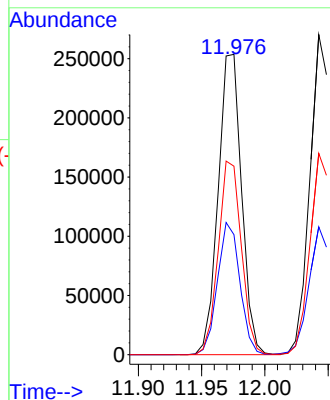
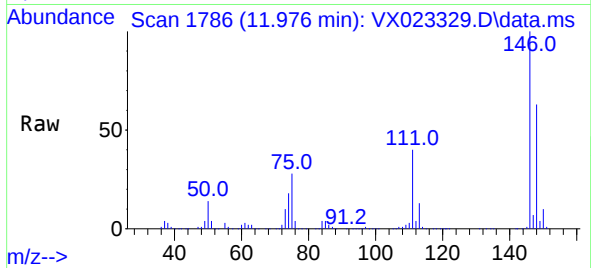
#87  
1,3-Dichlorobenzene  
Concen: 50.576 ug/l  
RT: 11.976 min Scan# 1786  
Delta R.T. 0.001 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion:146 Resp: 326262  
Ion Ratio Lower Upper  
146 100  
111 42.3 20.2 60.5  
148 63.6 31.9 95.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

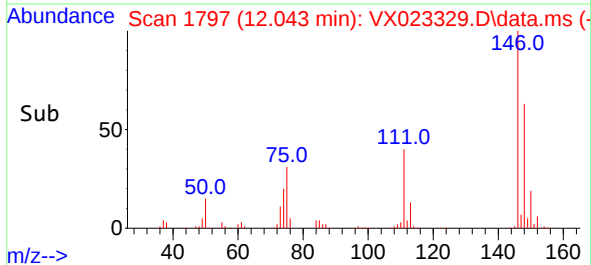
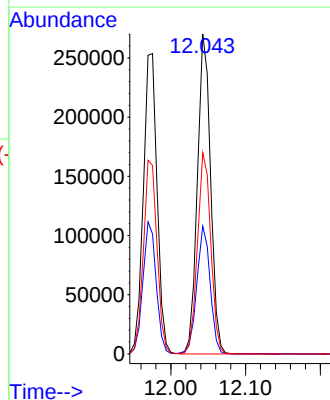
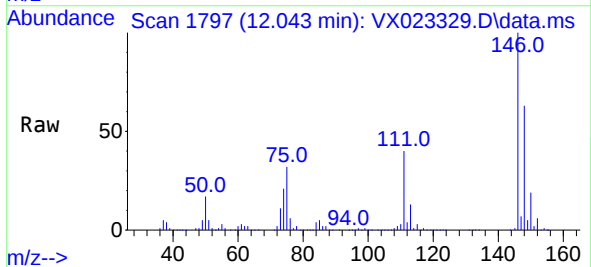
Manual Integrations  
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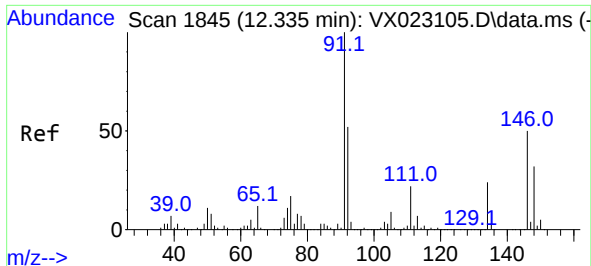
MMDadoda  
7/19/2021 5:53:17 PM



#88  
1,4-Dichlorobenzene  
Concen: 50.958 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.001 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion:146 Resp: 330999  
Ion Ratio Lower Upper  
146 100  
111 40.4 19.6 58.8  
148 63.7 31.6 95.0





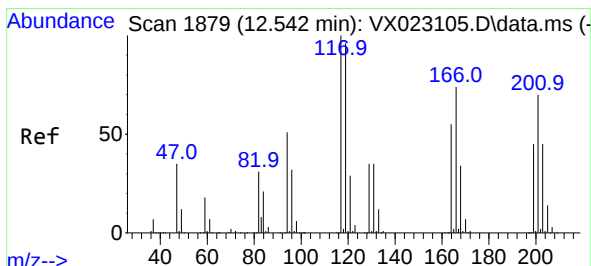
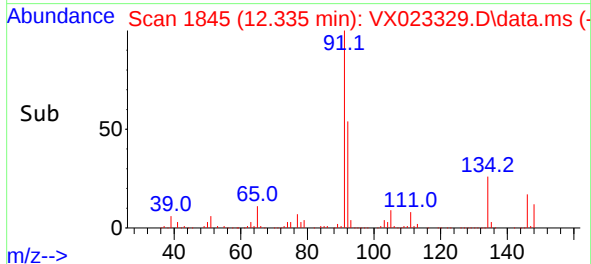
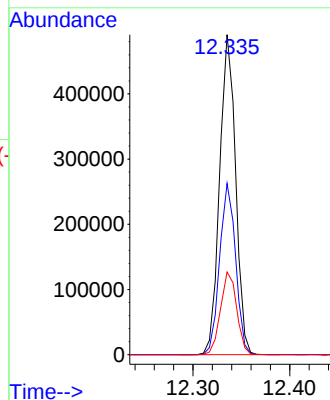
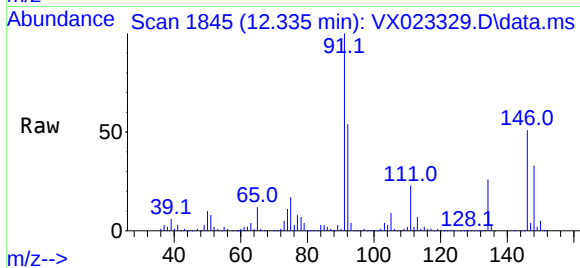
#89  
n-Butylbenzene  
Concen: 52.841 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

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Tgt Ion: 91 Resp: 561824  
Ion Ratio Lower Upper  
91 100  
92 53.4 27.4 82.0  
134 26.2 13.2 39.5

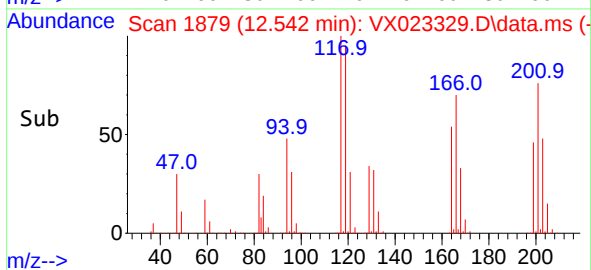
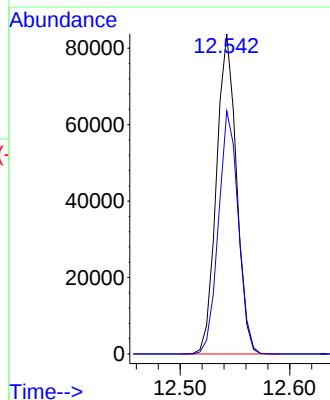
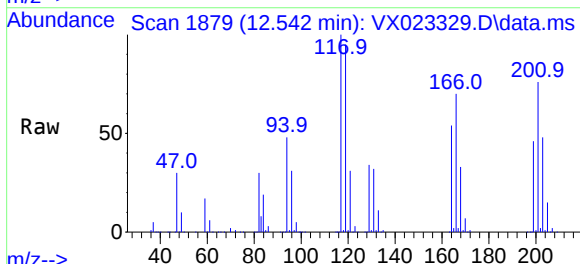
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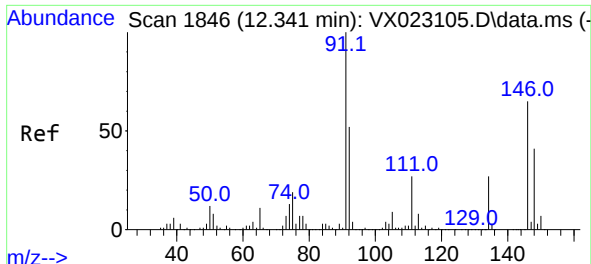
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#90  
Hexachloroethane  
Concen: 50.974 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 117 Resp: 105965  
Ion Ratio Lower Upper  
117 100  
201 75.6 40.4 121.2





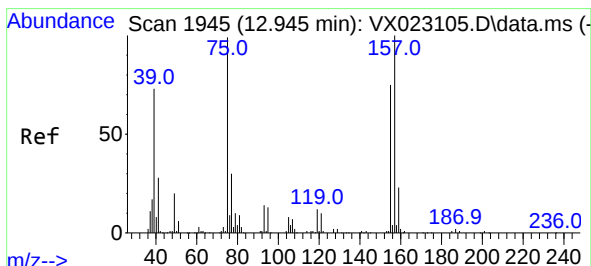
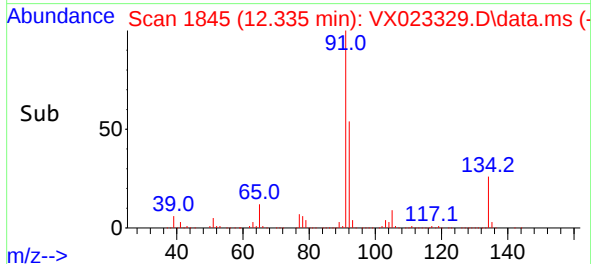
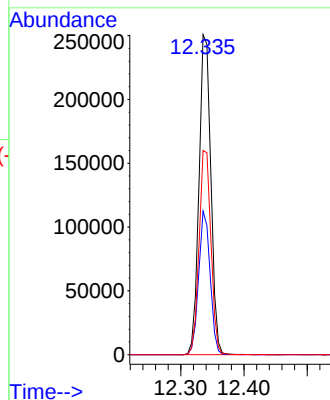
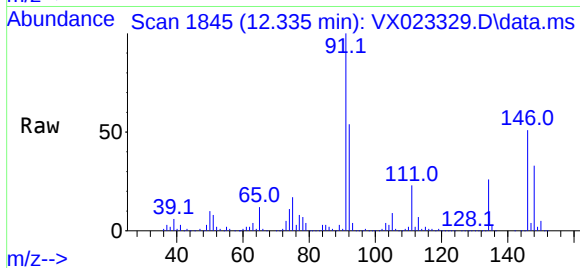
#91  
1,2-Dichlorobenzene  
Concen: 50.990 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.006 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

Tgt Ion: 146 Resp: 327223  
Ion Ratio Lower Upper  
146 100  
111 43.5 20.8 62.2  
148 64.1 31.9 95.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

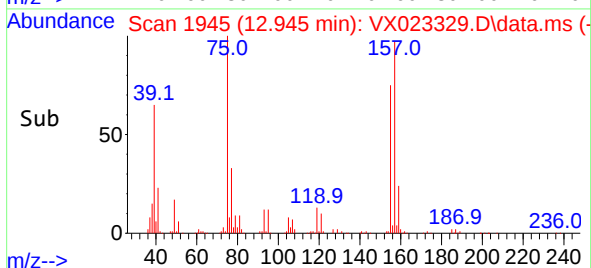
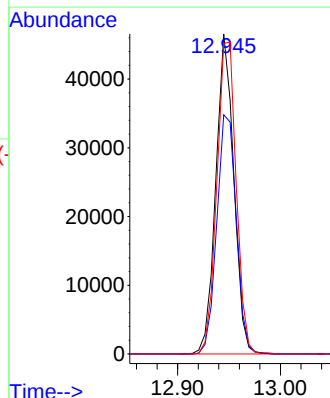
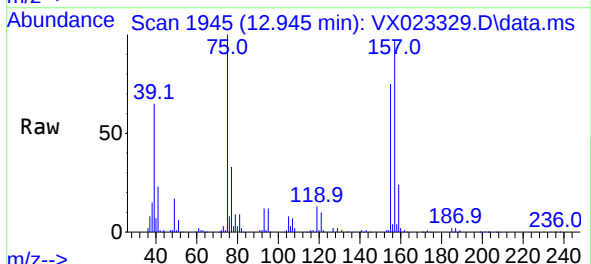
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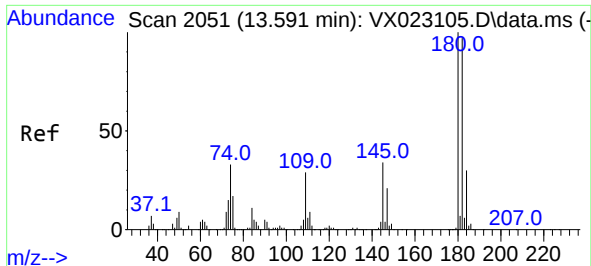
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.473 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

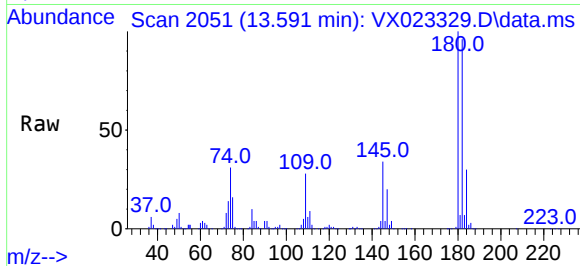
Tgt Ion: 75 Resp: 56416  
Ion Ratio Lower Upper  
75 100  
155 81.1 45.3 135.9  
157 105.1 57.7 173.1





#93  
1,2,4-Trichlorobenzene  
Concen: 54.367 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

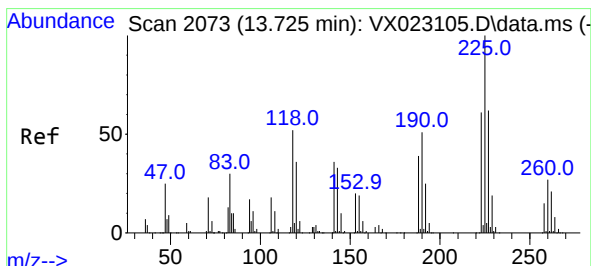
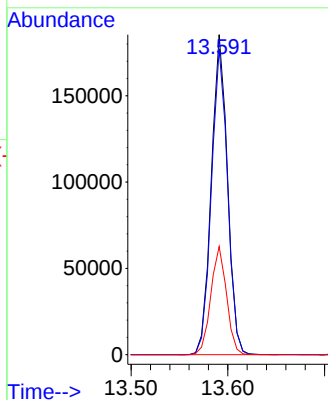
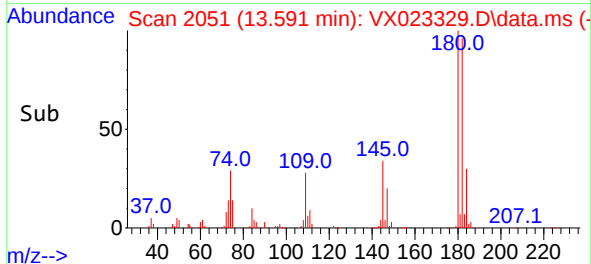
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



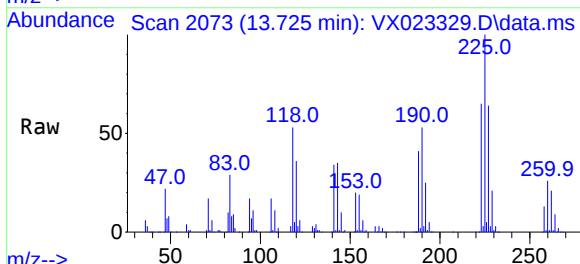
Tgt Ion:180 Resp: 214917  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.7 143.1  
145 32.9 15.0 45.0

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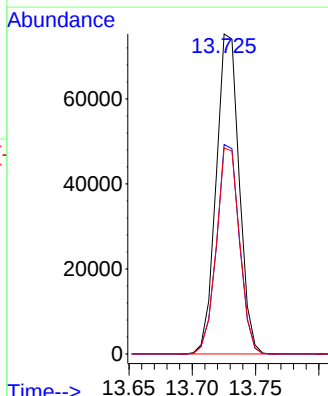
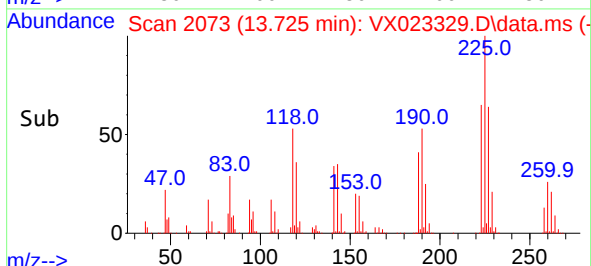
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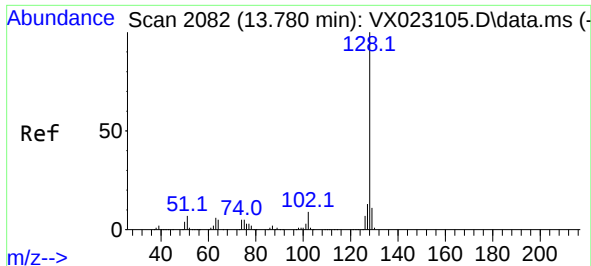


#94  
Hexachlorobutadiene  
Concen: 56.718 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09

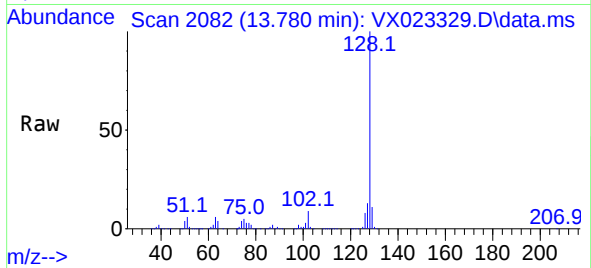


Tgt Ion:225 Resp: 94931  
Ion Ratio Lower Upper  
225 100  
223 65.0 31.1 93.2  
227 64.9 31.6 95.0

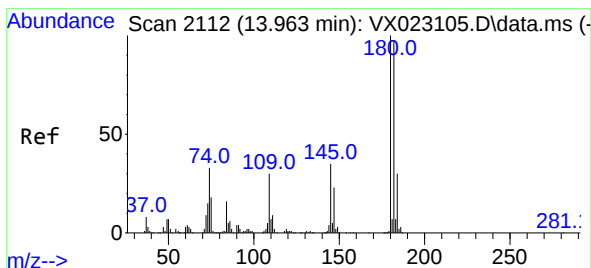
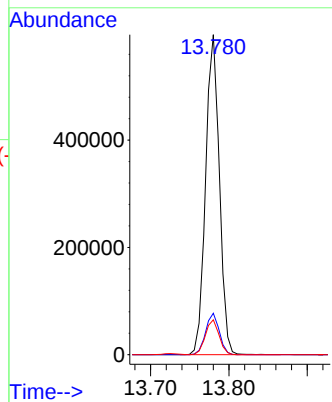
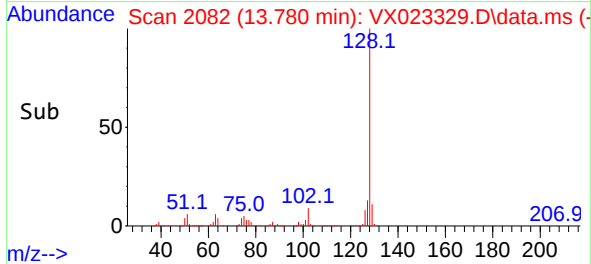




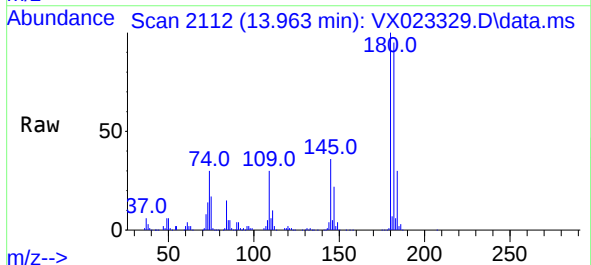
#95  
Naphthalene  
Concen: 49.737 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



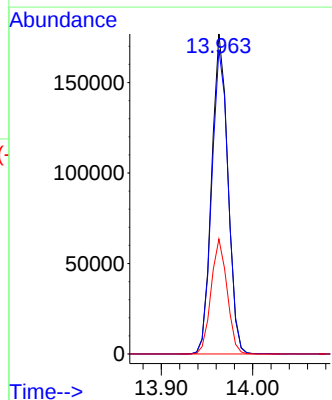
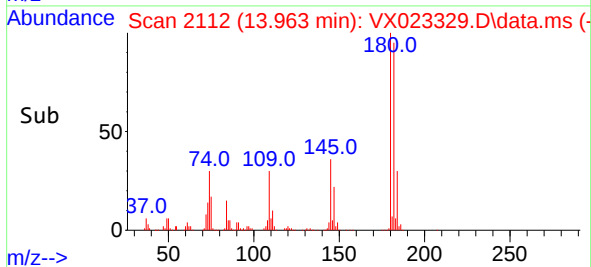
Tgt Ion:128 Resp: 725134  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 54.499 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX023329.D  
Acq: 16 Jul 2021 16:09



Tgt Ion:180 Resp: 216675  
Ion Ratio Lower Upper  
180 100  
182 96.6 47.6 142.9  
145 35.4 16.1 48.3



Instrument :  
MSVOA\_X  
ClientSampleId :  
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