

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072221\  
 Data File : VY005414.D  
 Acq On : 22 Jul 2021 16:12  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 7/23/2021 5:47:56 PM

Quant Time: Jul 23 05:49:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 05:45:30 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 7.801          | 168  | 260718              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 389876              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496         | 117  | 364255              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 186426              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149          | 65   | 154478              | 55.461  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 110.920% |         |        |          |
| 35) Dibromofluoromethane     | 7.728          | 113  | 123459              | 54.842  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 109.680% |         |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 523305              | 54.846  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 109.700% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 172016              | 54.624  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 109.240% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.912          | 85   | 101331              | 42.933  | ug/l   | 100      |
| 3) Chloromethane             | 2.119          | 50   | 129046              | 44.602  | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.259          | 62   | 154027              | 44.707  | ug/l   | 100      |
| 5) Bromomethane              | 2.662          | 94   | 127208              | 50.523  | ug/l   | 100      |
| 6) Chloroethane              | 2.802          | 64   | 107881              | 49.844  | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.137          | 101  | 219971              | 48.824  | ug/l   | 100      |
| 8) Diethyl Ether             | 3.540          | 74   | 79143               | 49.900  | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 3.912          | 101  | 116714              | 47.665  | ug/l   | 100      |
| 10) Methyl Iodide            | 4.101          | 142  | 134589              | 48.431  | ug/l   | 100      |
| 11) Tert butyl alcohol       | 5.027          | 59   | 56880               | 216.173 | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 3.881          | 96   | 120788              | 48.458  | ug/l   | 100      |
| 13) Acrolein                 | 3.747          | 56   | 48553               | 201.510 | ug/l   | 100      |
| 14) Allyl chloride           | 4.491          | 41   | 217525              | 48.764  | ug/l   | 100      |
| 15) Acrylonitrile            | 5.186          | 53   | 190295              | 241.603 | ug/l   | 100      |
| 16) Acetone                  | 3.979          | 43   | 135175              | 212.509 | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.204          | 76   | 393734              | 47.768  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.491          | 43   | 84073               | 47.022  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.235          | 73   | 384872              | 51.172  | ug/l   | 100      |
| 20) Methylene Chloride       | 4.729          | 84   | 165905              | 45.015  | ug/l   | 100      |
| 21) trans-1,2-Dichloroethene | 5.235          | 96   | 138686              | 49.524  | ug/l   | 100      |
| 22) Diisopropyl ether        | 6.131          | 45   | 452744              | 52.292  | ug/l   | 100      |
| 23) Vinyl Acetate            | 6.076          | 43   | 1519609             | 266.840 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.033          | 63   | 248258              | 52.021  | ug/l   | 100      |
| 25) 2-Butanone               | 7.003          | 43   | 232570              | 244.151 | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 6.990          | 77   | 219629              | 50.610  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 6.996          | 96   | 157247              | 52.492  | ug/l   | 100      |
| 28) Bromochloromethane       | 7.344          | 49   | 96376               | 50.166  | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.362          | 42   | 162051              | 256.892 | ug/l   | 100      |
| 30) Chloroform               | 7.515          | 83   | 256125              | 54.250  | ug/l   | 100      |
| 31) Cyclohexane              | 7.795          | 56   | 233686              | 49.136  | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 7.710          | 97   | 234042              | 53.543  | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 7.923          | 75   | 196203              | 52.047  | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.088          | 43   | 119490              | 52.071  | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 7.911          | 117  | 214622              | 52.100  | ug/l   | 100      |
| 39) Methylcyclohexane        | 9.191          | 83   | 247439              | 51.188  | ug/l   | 100      |
| 40) Benzene                  | 8.167          | 78   | 571888              | 52.790  | ug/l   | 100      |

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 Sample : VSTDICCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

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 7/23/2021 5:47:56 PM

Quant Time: Jul 23 05:49:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 05:45:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.320  | 41   | 66094    | 43.120   | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 187517   | 53.508   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.283  | 43   | 223079   | 53.682   | ug/l   | 100      |
| 44) Trichloroethene           | 8.947  | 130  | 154413   | 52.557   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 140946   | 52.840   | ug/l   | 100      |
| 46) Dibromomethane            | 9.313  | 93   | 78306    | 53.336   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.502  | 83   | 200090   | 54.219   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.301  | 41   | 102632   | 53.107   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.337  | 88   | 21439    | 1035.210 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 585259   | 265.288  | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 366969   | 53.344   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 221849   | 53.738   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 242784   | 53.500   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 113341   | 53.791   | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.514 | 69   | 173959   | 54.677   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 200651   | 53.542   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 416596   | 273.792  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.837 | 43   | 408337   | 264.082  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.990 | 129  | 140625   | 54.646   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 107994   | 54.147   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.727 | 164  | 142100   | 51.640   | ug/l   | 100      |
| 65) Chlorobenzene             | 11.520 | 112  | 390860   | 52.390   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 148381   | 53.252   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.593 | 91   | 713628   | 52.544   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.709 | 106  | 551012   | 104.482  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 264398   | 52.698   | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 457867   | 53.745   | ug/l   | 100      |
| 71) Bromoform                 | 12.215 | 173  | 97563    | 54.785   | ug/l   | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 688576   | 53.561   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 212656   | 54.331   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 131776   | 53.686   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 96635m   | 70.235   | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 170238   | 54.074   | ug/l   | 100      |
| 78) n-propylbenzene           | 12.672 | 91   | 822088   | 53.002   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 465596   | 53.441   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 574738   | 53.524   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 49602    | 52.504   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 476873   | 52.884   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.081 | 119  | 508968   | 53.214   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 575174   | 53.404   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.257 | 105  | 730226   | 52.931   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 624492   | 52.574   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 330759   | 53.569   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 321881   | 52.613   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.696 | 91   | 567655   | 52.064   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 113845   | 53.319   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 292762   | 53.098   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 24506    | 51.485   | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 197134   | 51.819   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 123679   | 51.297   | ug/l   | 100      |
| 95) Naphthalene               | 15.239 | 128  | 403214   | 52.690   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 179055   | 52.218   | ug/l   | 100      |

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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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Quant Time: Jul 23 05:49:58 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072221S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 23 05:45:30 2021  
Response via : Initial Calibration

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

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

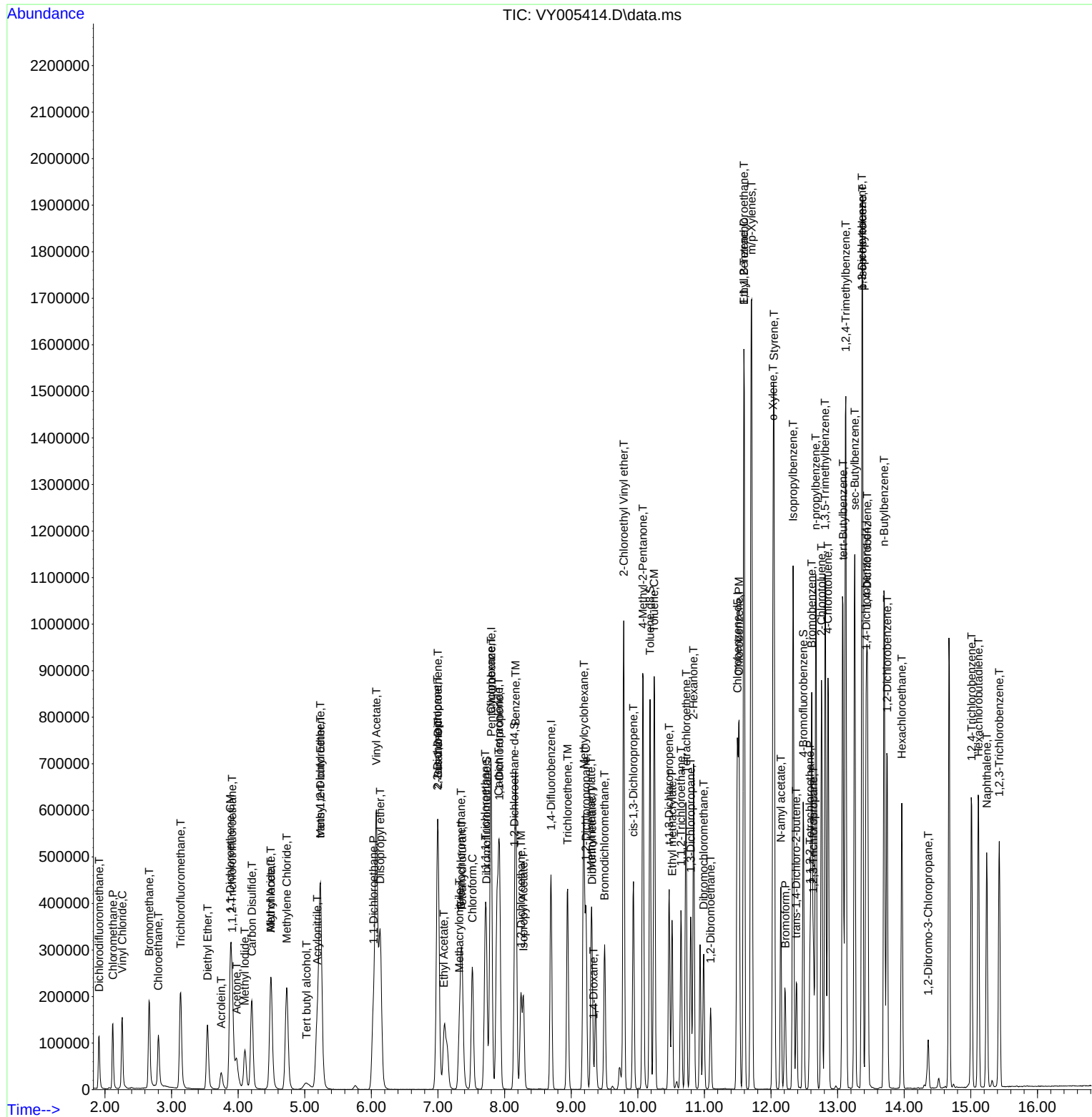
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Data File : VY005414.D  
Acq On : 22 Jul 2021 16:12  
Operator : SY/MD  
Sample : VSTDICCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 17 Sample Multiplier: 1

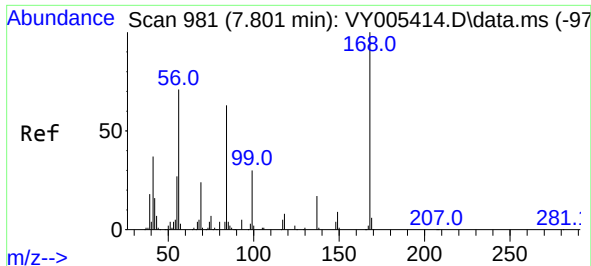
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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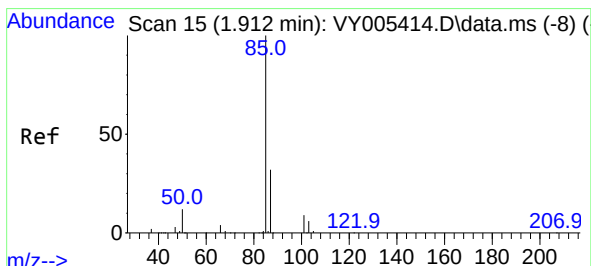
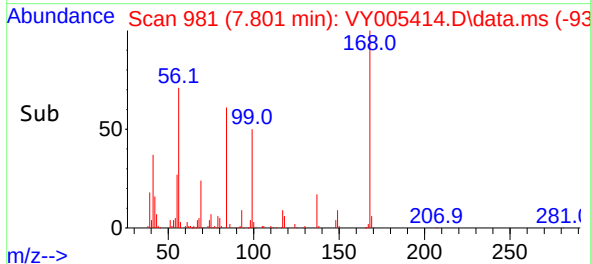
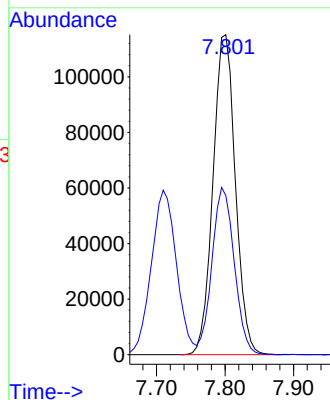
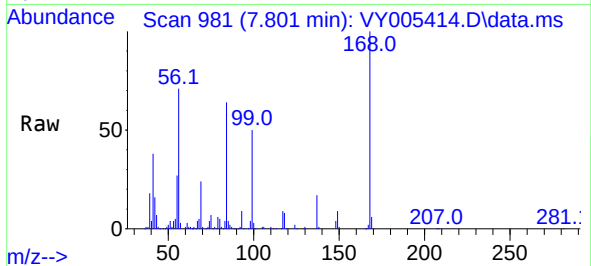
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 168 Resp: 260718  
Ion Ratio Lower Upper  
168 100  
99 49.7 39.8 59.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

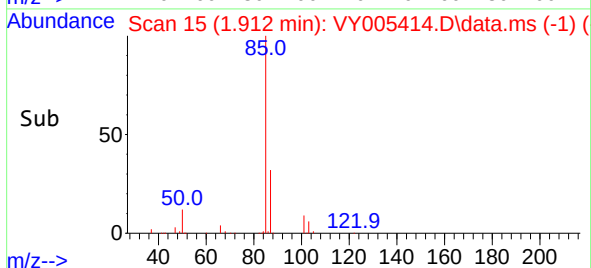
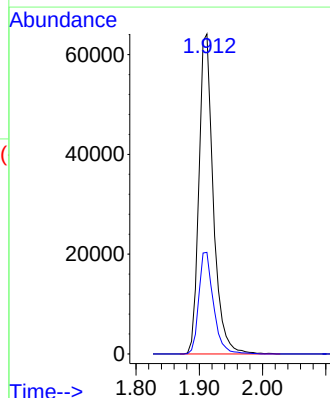
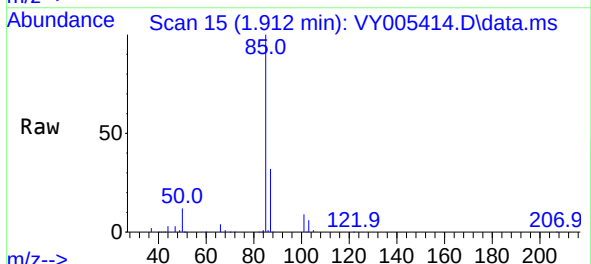
Manual Integrations  
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7/23/2021 5:47:56 PM

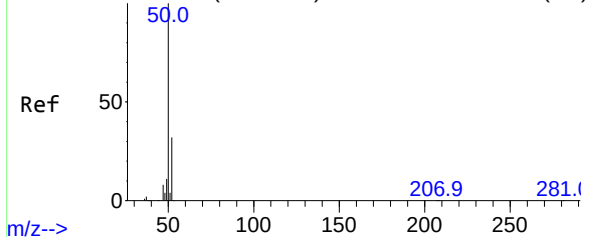


#2  
Dichlorodifluoromethane  
Concen: 42.933 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 85 Resp: 101331  
Ion Ratio Lower Upper  
85 100  
87 31.7 15.9 47.6

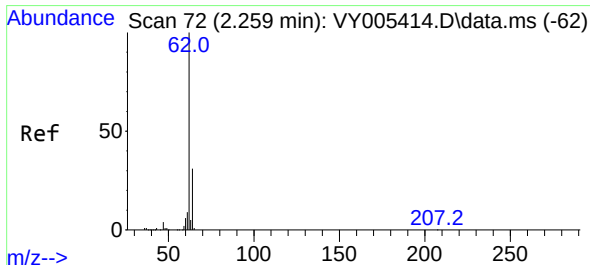
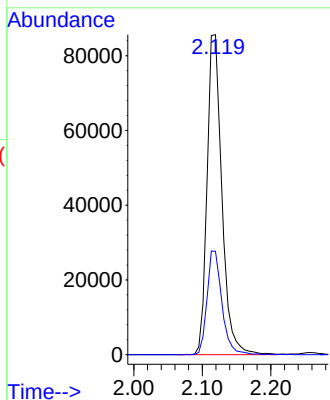
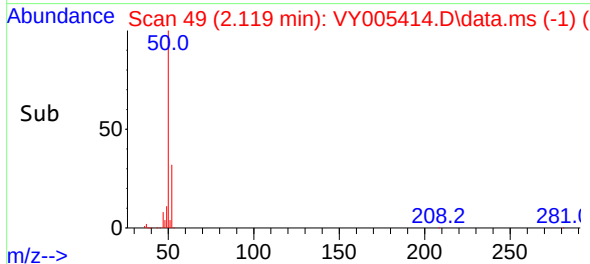
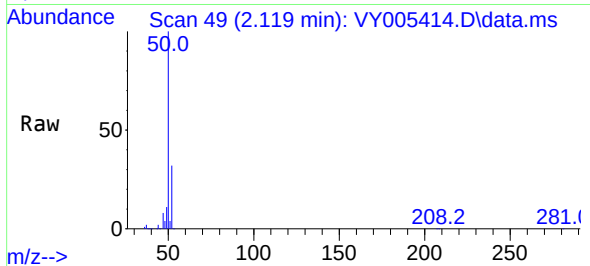


Abundance Scan 49 (2.119 min): VY005414.D\data.ms (-40)



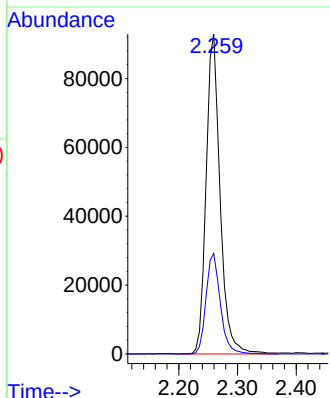
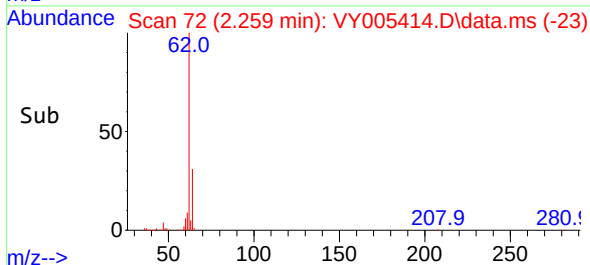
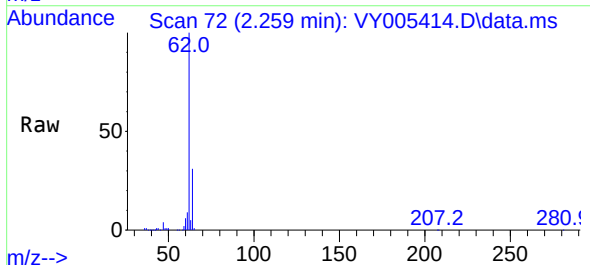
#3  
Chloromethane  
Concen: 44.602 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 50 Resp: 129046  
Ion Ratio Lower Upper  
50 100  
52 32.3 25.8 38.8



#4  
Vinyl Chloride  
Concen: 44.707 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

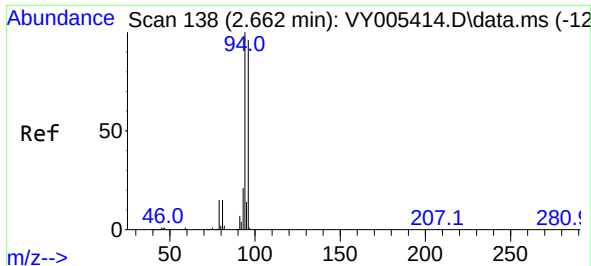
Tgt Ion: 62 Resp: 154027  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.1 37.7



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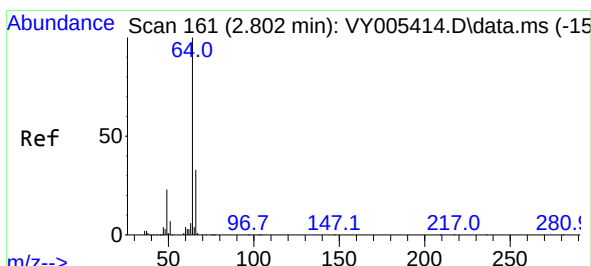
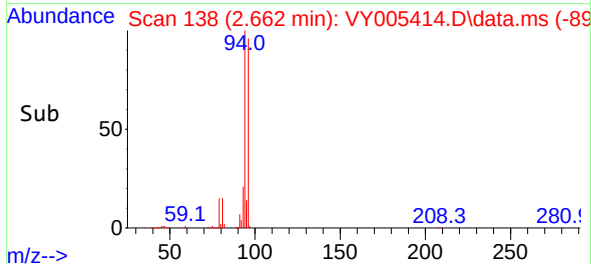
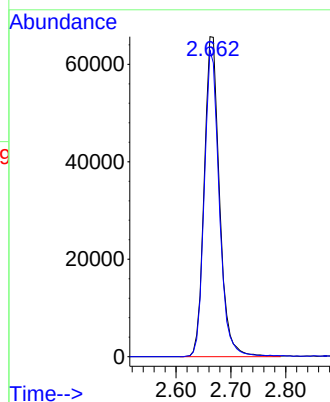
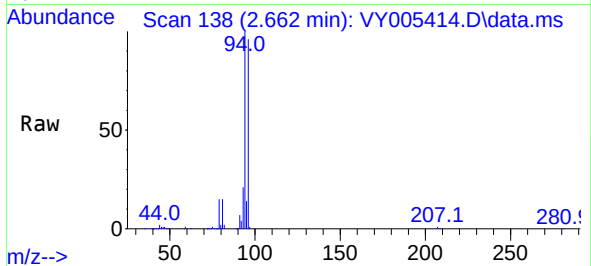
#5  
Bromomethane  
Concen: 50.523 ug/l  
RT: 2.662 min Scan# 138  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 94 Resp: 127208  
Ion Ratio Lower Upper  
94 100  
96 95.8 76.6 115.0

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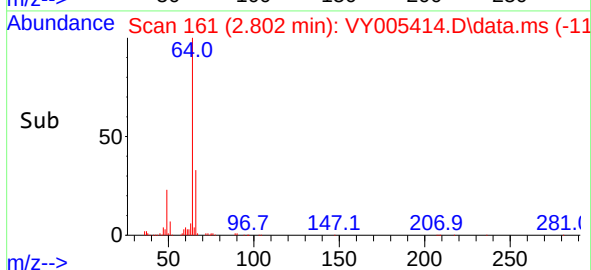
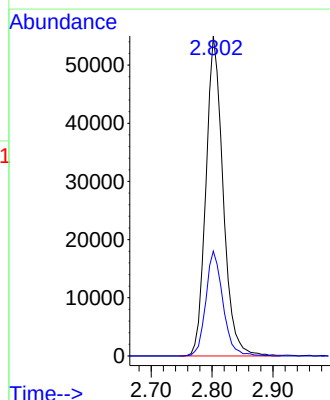
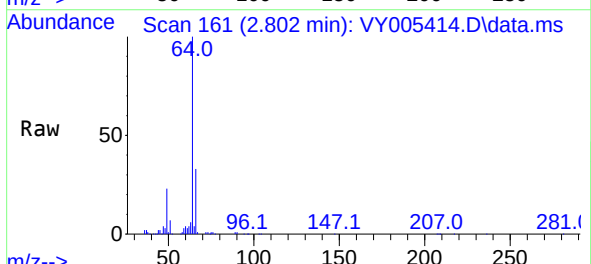
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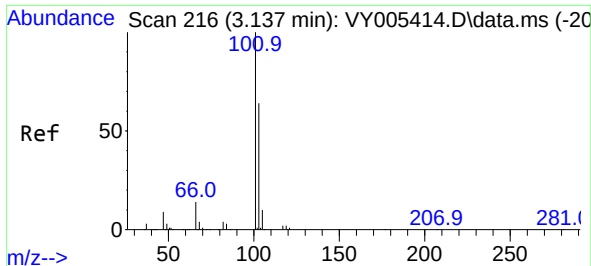
MMDadoda  
7/23/2021 5:47:56 PM



#6  
Chloroethane  
Concen: 49.844 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 64 Resp: 107881  
Ion Ratio Lower Upper  
64 100  
66 32.8 26.2 39.4





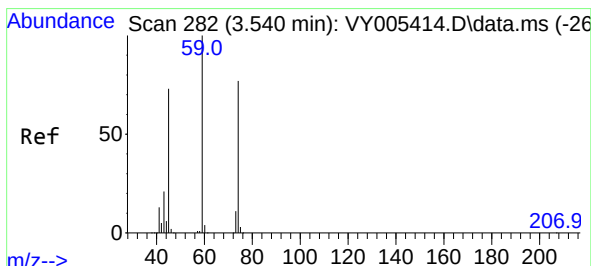
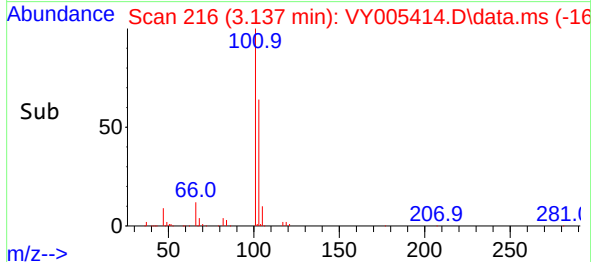
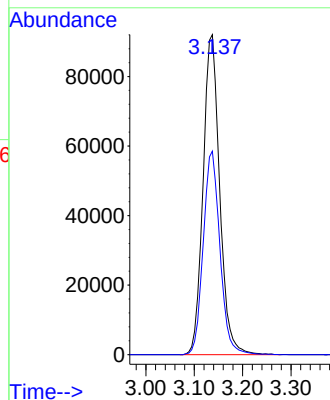
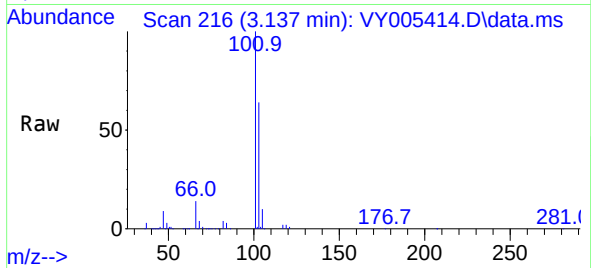
#7  
Trichlorofluoromethane  
Concen: 48.824 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion:101 Resp: 219971  
Ion Ratio Lower Upper  
101 100  
103 63.6 50.9 76.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

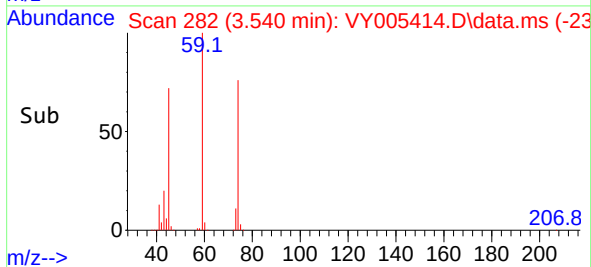
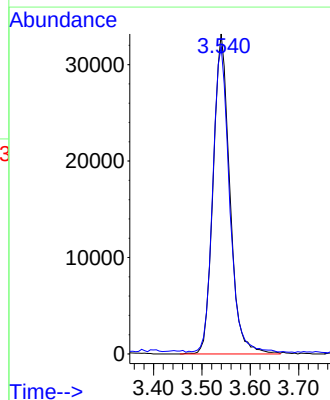
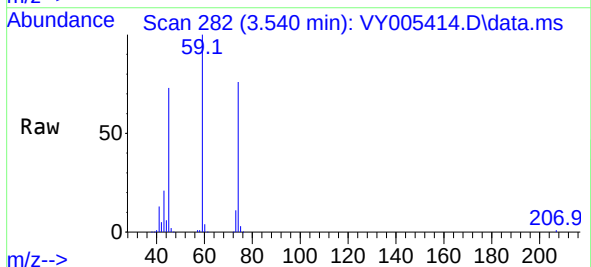
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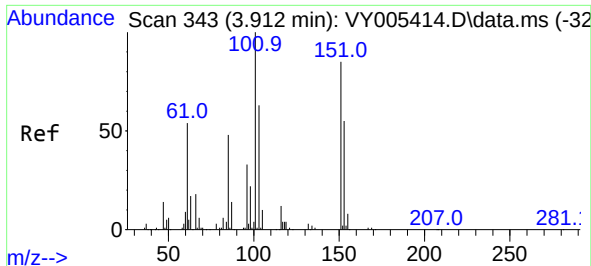


#8  
Diethyl Ether  
Concen: 49.900 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 74 Resp: 79143  
Ion Ratio Lower Upper  
74 100  
45 95.5 47.8 143.3







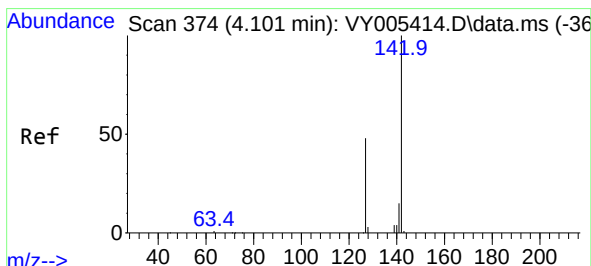
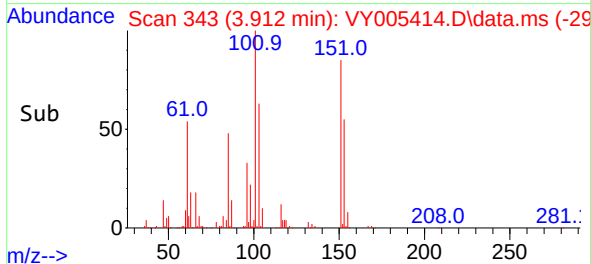
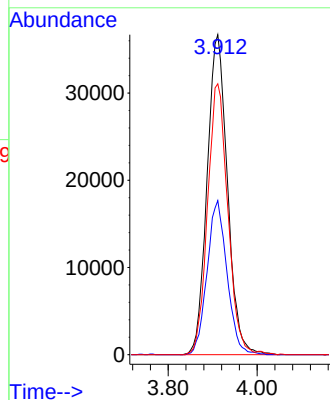
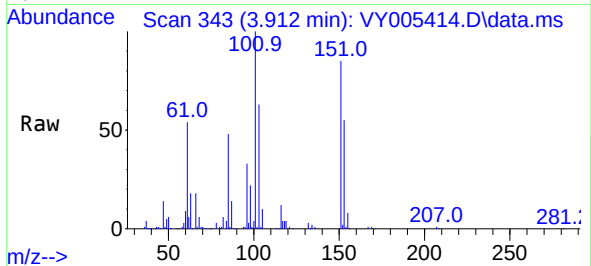
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.665 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion:101 Resp: 116714  
Ion Ratio Lower Upper  
101 100  
85 47.3 37.8 56.8  
151 84.0 67.2 100.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

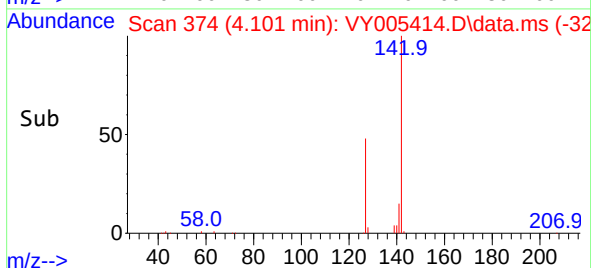
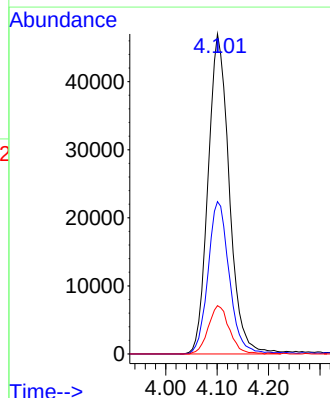
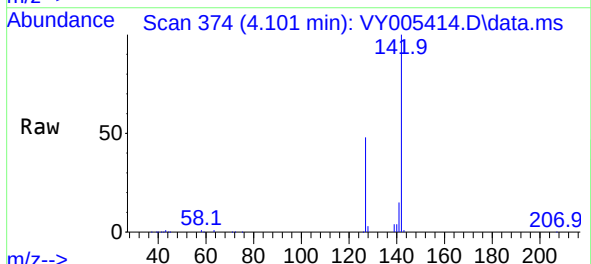
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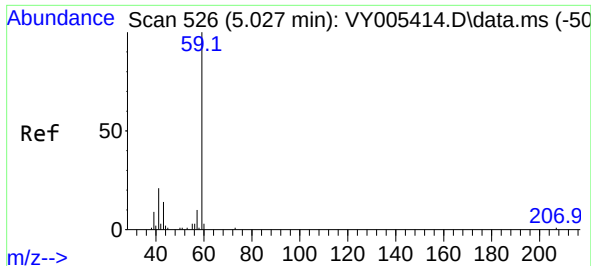
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#10  
Methyl Iodide  
Concen: 48.431 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

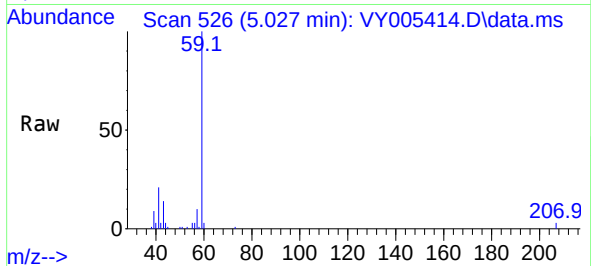
Tgt Ion:142 Resp: 134589  
Ion Ratio Lower Upper  
142 100  
127 47.8 38.2 57.4  
141 15.0 12.0 18.0





#11  
Tert butyl alcohol  
Concen: 216.173 ug/l  
RT: 5.027 min Scan# 526  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

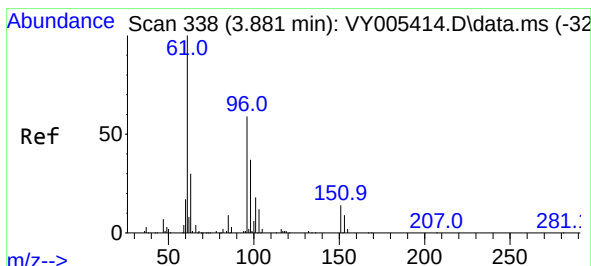
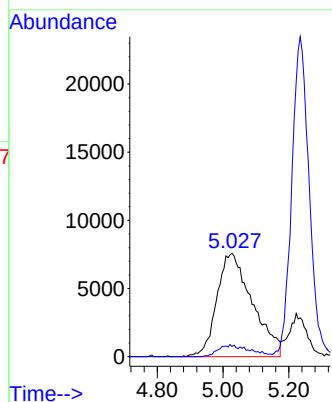
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



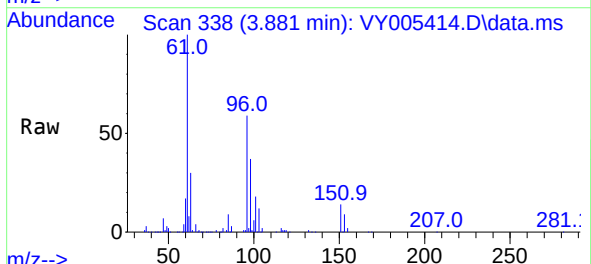
Tgt Ion: 59 Resp: 56880  
Ion Ratio Lower Upper  
59 100  
57 5.9 4.7 7.1

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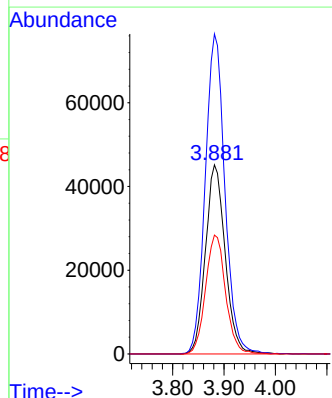
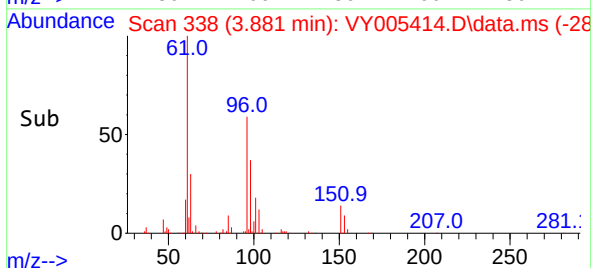
MMDadoda  
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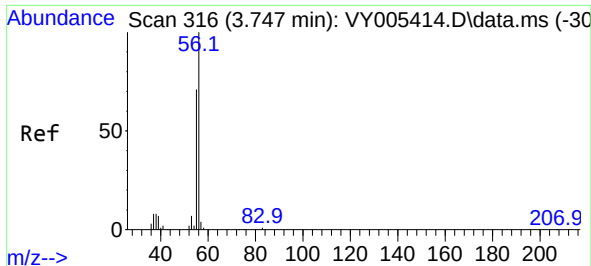


#12  
1,1-Dichloroethene  
Concen: 48.458 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



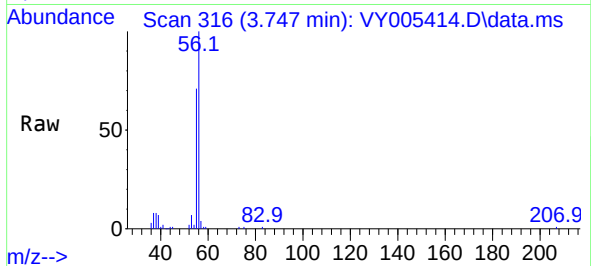
Tgt Ion: 96 Resp: 120788  
Ion Ratio Lower Upper  
96 100  
61 169.2 135.4 203.0  
98 62.8 50.2 75.4





#13  
Acrolein  
Concen: 201.510 ug/l  
RT: 3.747 min Scan# 316  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

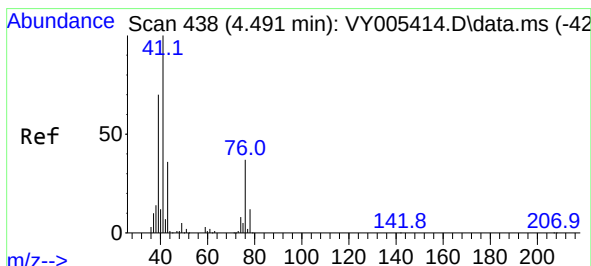
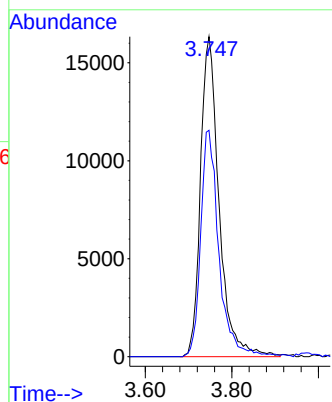
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



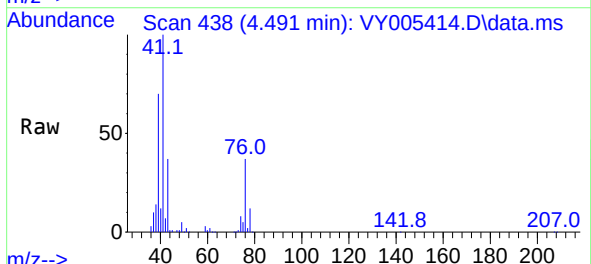
Tgt Ion: 56 Resp: 48553  
Ion Ratio Lower Upper  
56 100  
55 69.0 55.2 82.8

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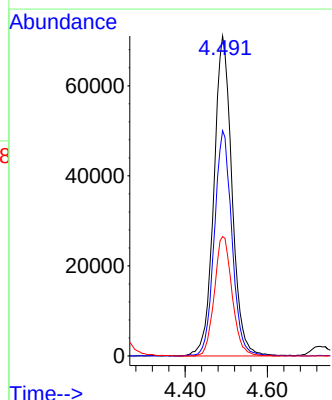
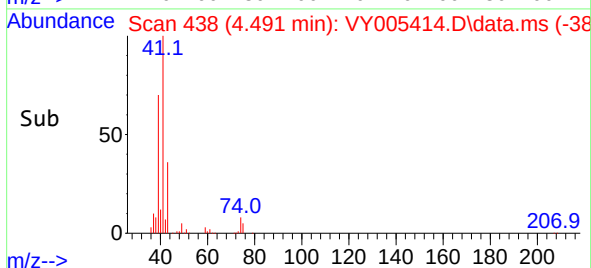
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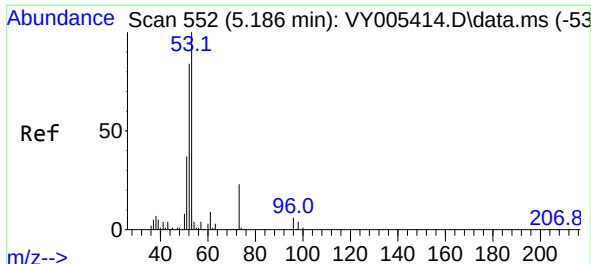


#14  
Allyl chloride  
Concen: 48.764 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



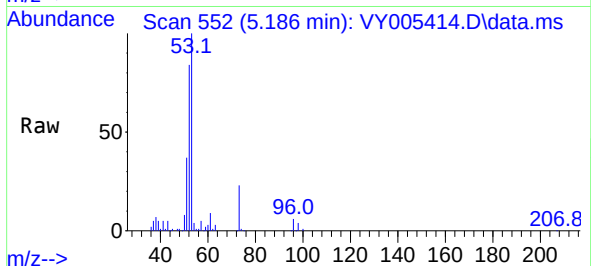
Tgt Ion: 41 Resp: 217525  
Ion Ratio Lower Upper  
41 100  
39 68.3 54.6 82.0  
76 36.5 29.2 43.8





#15  
Acrylonitrile  
Concen: 241.603 ug/l  
RT: 5.186 min Scan# 552  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

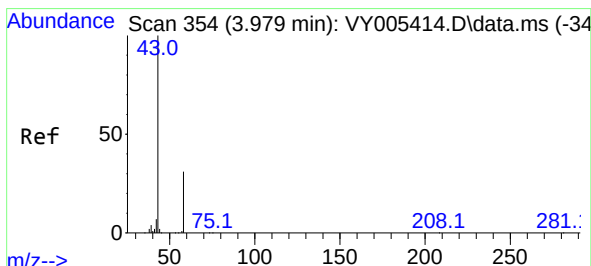
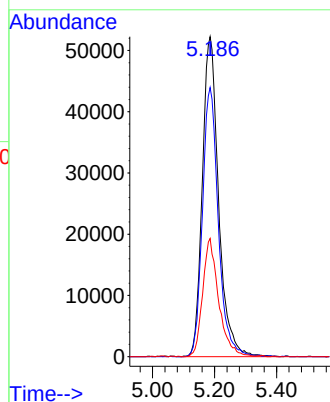
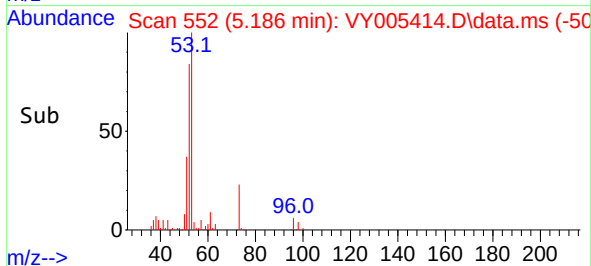
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



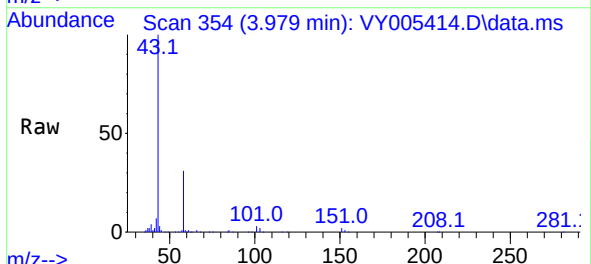
Tgt Ion: 53 Resp: 190295  
Ion Ratio Lower Upper  
53 100  
52 82.2 65.8 98.6  
51 36.4 29.1 43.7

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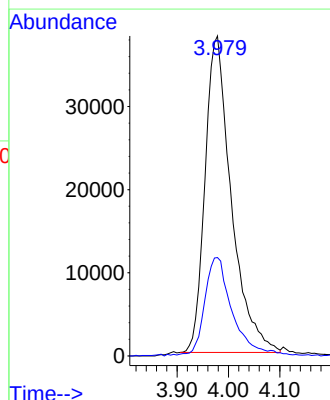
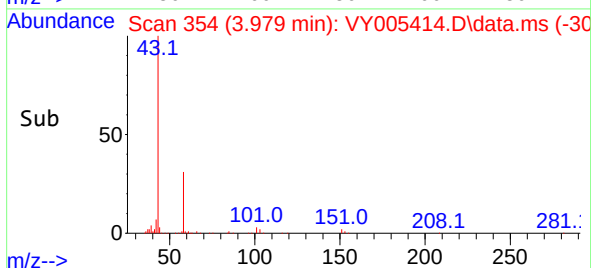
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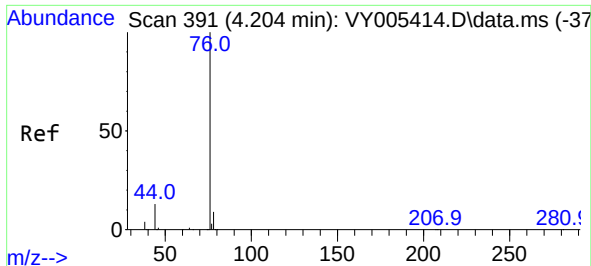


#16  
Acetone  
Concen: 212.509 ug/l  
RT: 3.979 min Scan# 354  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



Tgt Ion: 43 Resp: 135175  
Ion Ratio Lower Upper  
43 100  
58 30.6 24.5 36.7





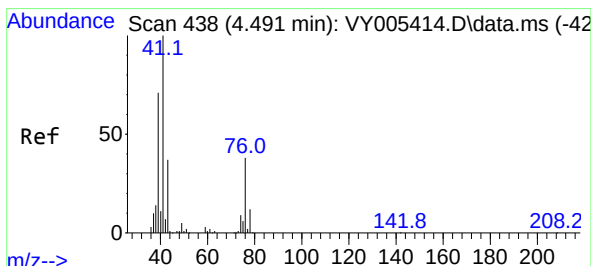
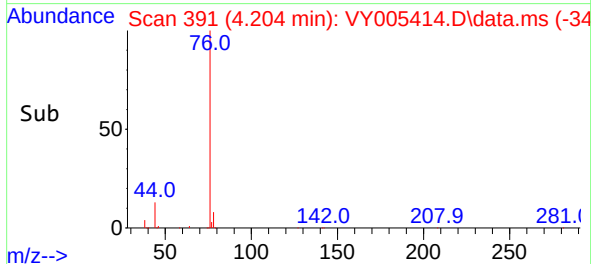
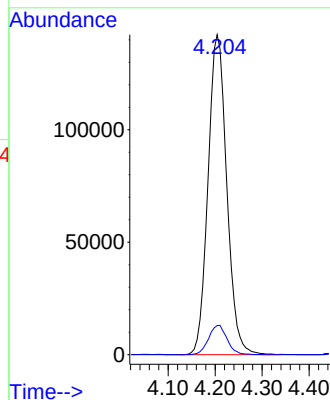
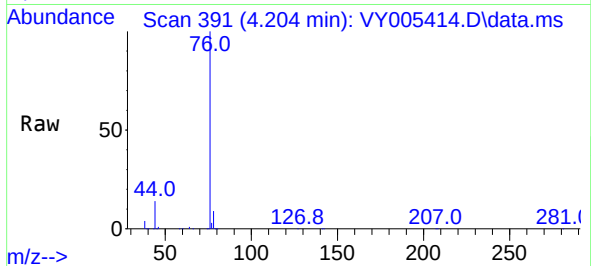
#17  
Carbon Disulfide  
Concen: 47.768 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 76 Resp: 393734  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

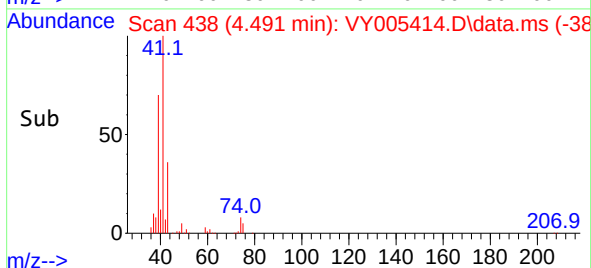
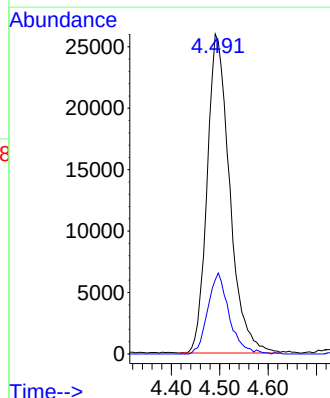
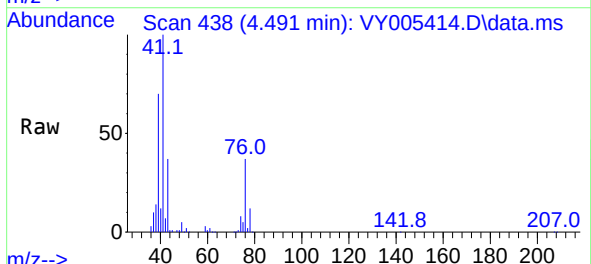
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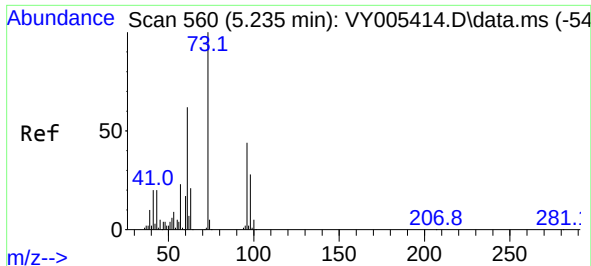
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#18  
Methyl Acetate  
Concen: 47.022 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 43 Resp: 84073  
Ion Ratio Lower Upper  
43 100  
74 24.0 19.2 28.8





#19

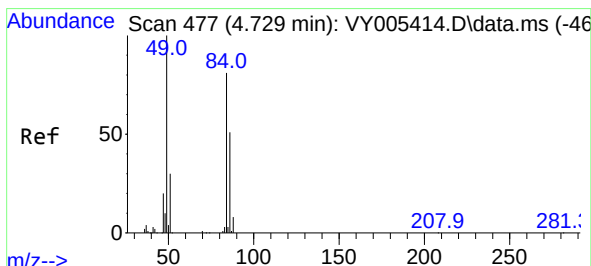
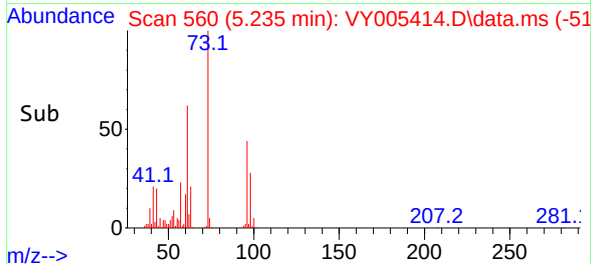
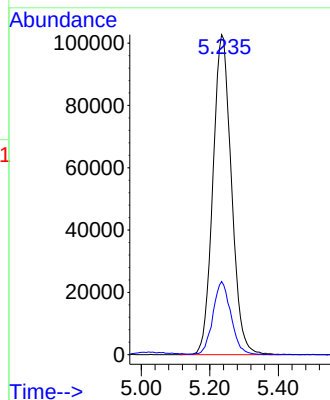
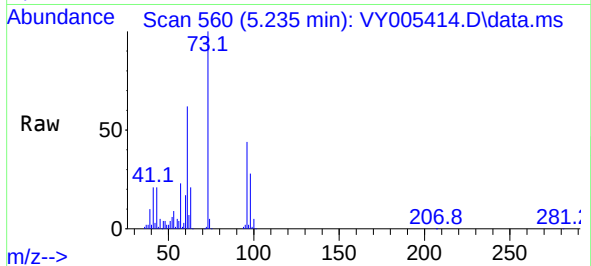
Methyl tert-butyl Ether  
Concen: 51.172 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 73 Resp: 384872  
Ion Ratio Lower Upper  
73 100  
57 22.9 18.3 27.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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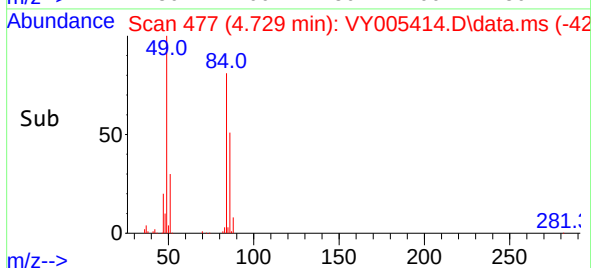
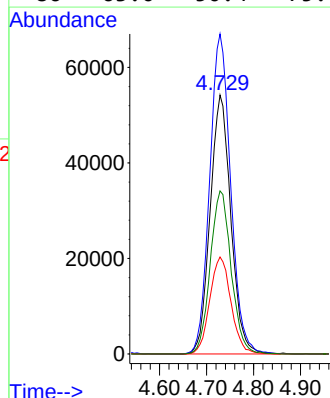
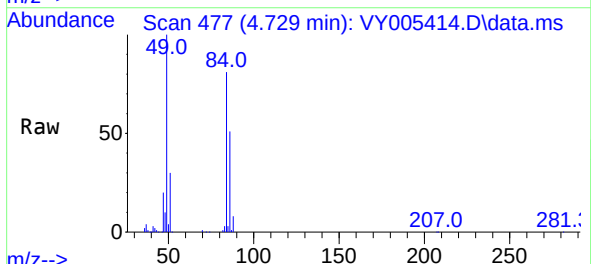
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7/23/2021 5:47:56 PM

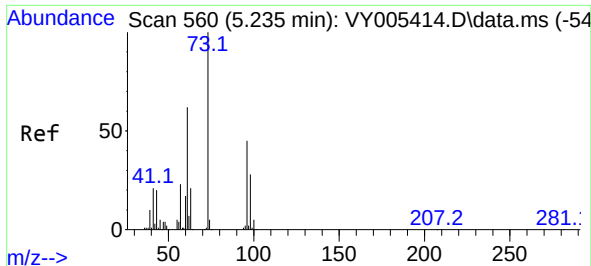


#20

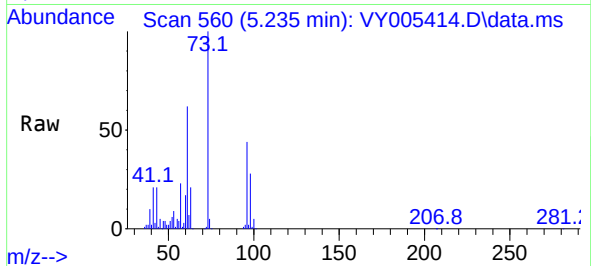
Methylene Chloride  
Concen: 45.015 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 84 Resp: 165905  
Ion Ratio Lower Upper  
84 100  
49 123.6 98.9 148.3  
51 37.5 30.0 45.0  
86 63.0 50.4 75.6

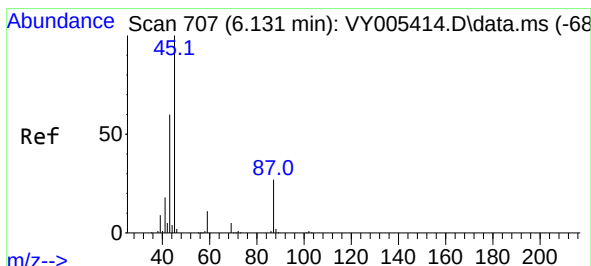
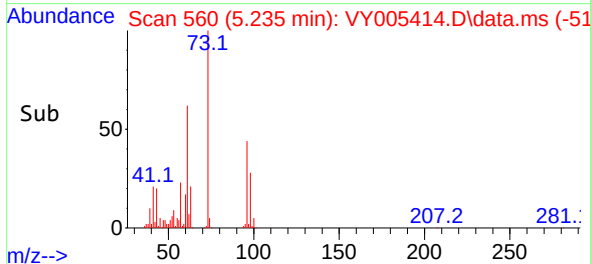
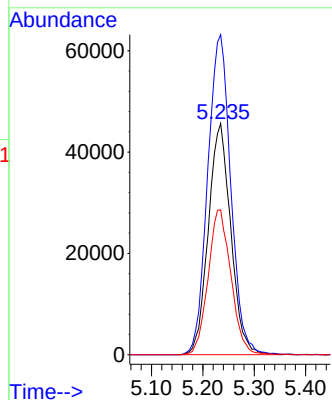




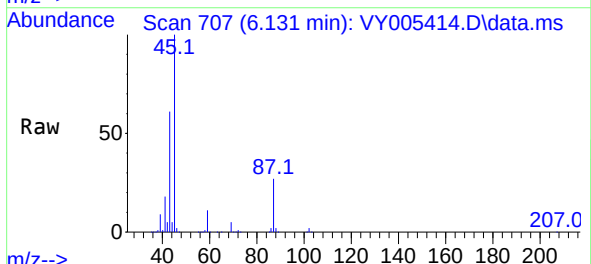
#21  
trans-1,2-Dichloroethene  
Concen: 49.524 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



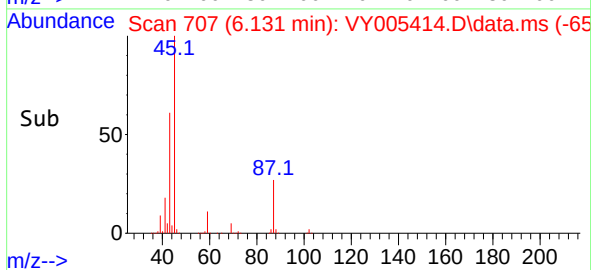
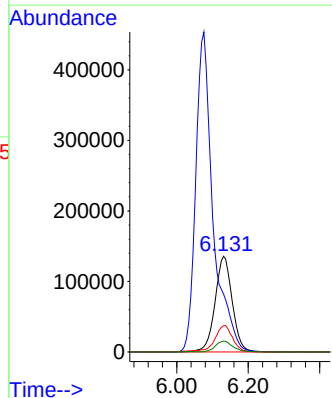
Tgt Ion: 96 Resp: 138686  
Ion Ratio Lower Upper  
96 100  
61 138.4 110.7 166.1  
98 62.6 50.1 75.1



#22  
Diisopropyl ether  
Concen: 52.292 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



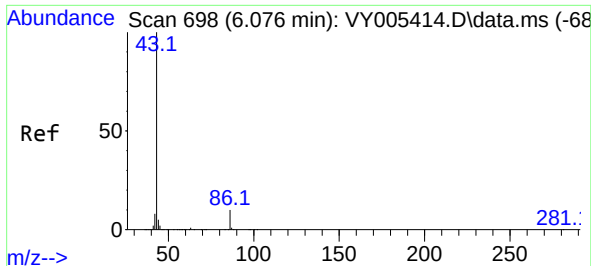
Tgt Ion: 45 Resp: 452744  
Ion Ratio Lower Upper  
45 100  
43 60.4 48.3 72.5  
87 27.4 21.9 32.9  
59 11.3 9.0 13.6



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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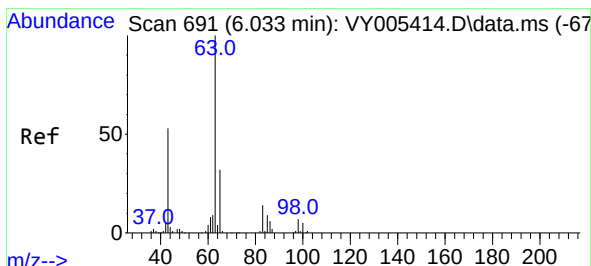
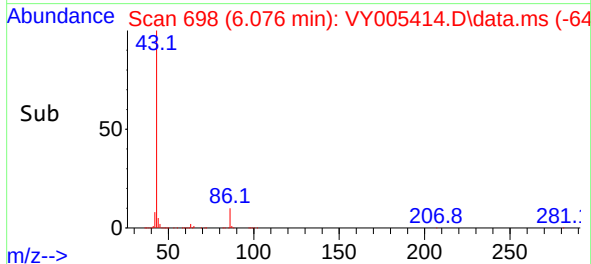
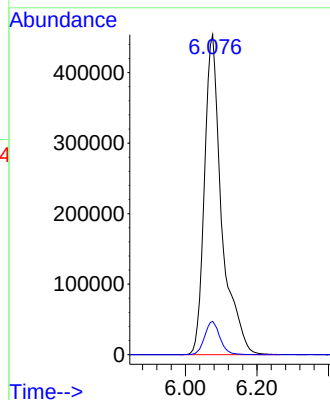
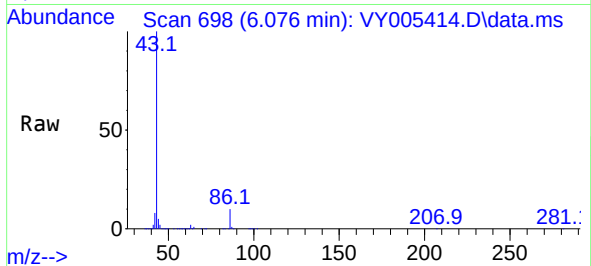
#23  
 Vinyl Acetate  
 Concen: 266.840 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. 0.000 min  
 Lab File: VY005414.D  
 Acq: 22 Jul 2021 16:12

Tgt Ion: 43 Resp: 1519609  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.3 12.5

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

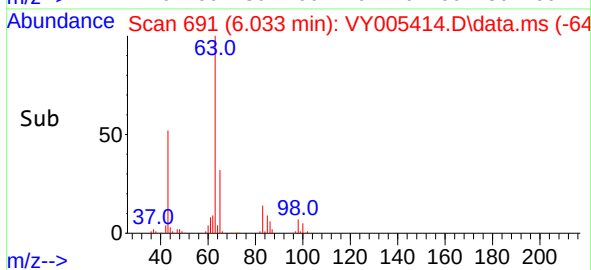
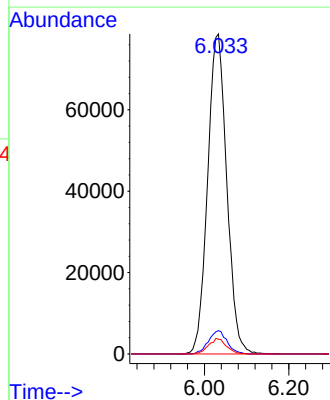
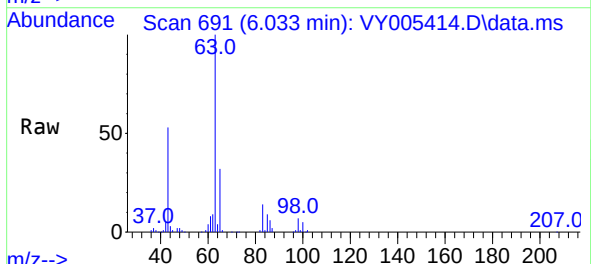
Manual Integrations  
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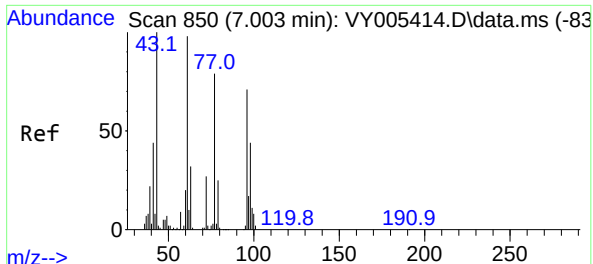


#24  
 1,1-Dichloroethane  
 Concen: 52.021 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. 0.000 min  
 Lab File: VY005414.D  
 Acq: 22 Jul 2021 16:12

Tgt Ion: 63 Resp: 248258  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.6 10.9  
 100 4.6 2.3 6.9







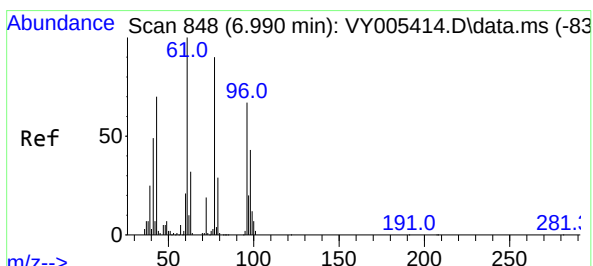
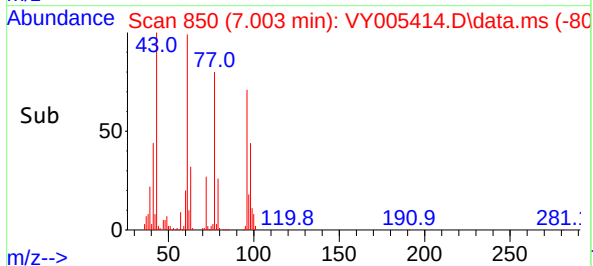
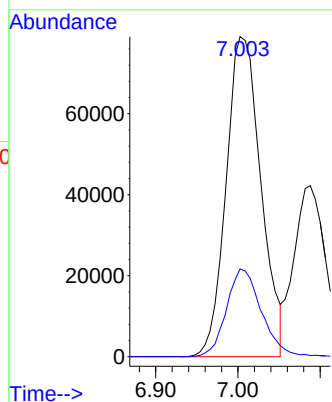
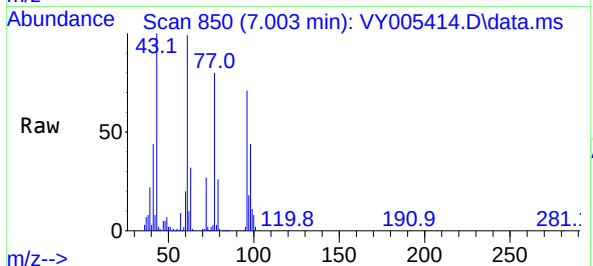
#25  
2-Butanone  
Concen: 244.151 ug/l  
RT: 7.003 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 43 Resp: 232570  
Ion Ratio Lower Upper  
43 100  
72 27.4 21.9 32.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

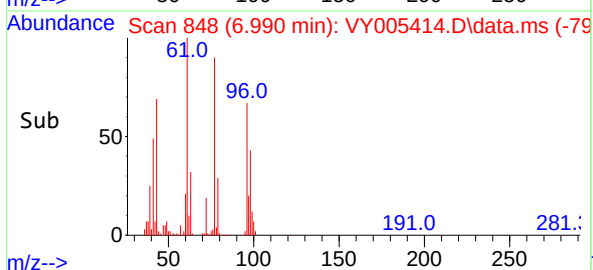
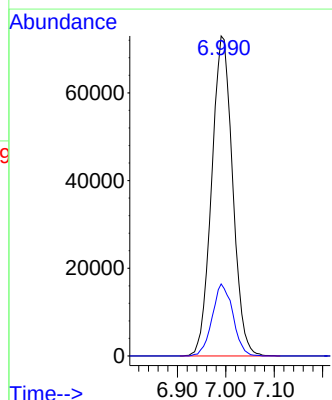
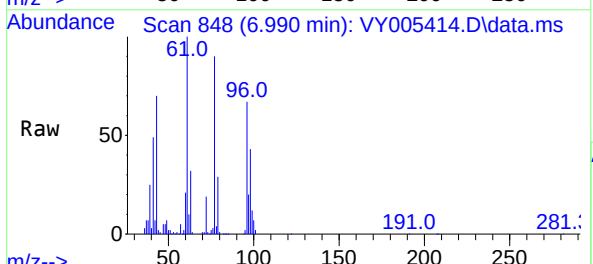
Manual Integrations  
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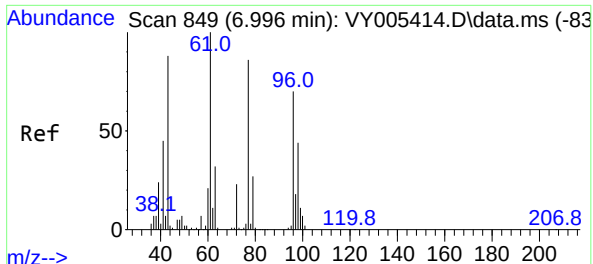
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#26  
2,2-Dichloropropane  
Concen: 50.610 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

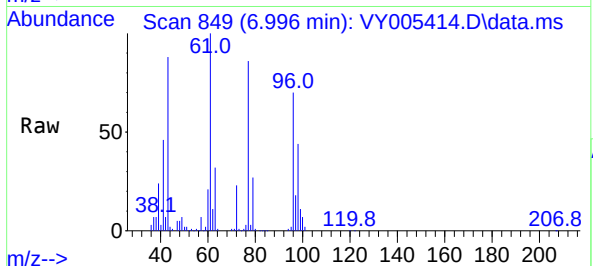
Tgt Ion: 77 Resp: 219629  
Ion Ratio Lower Upper  
77 100  
97 22.2 11.1 33.3





#27  
cis-1,2-Dichloroethene  
Concen: 52.492 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

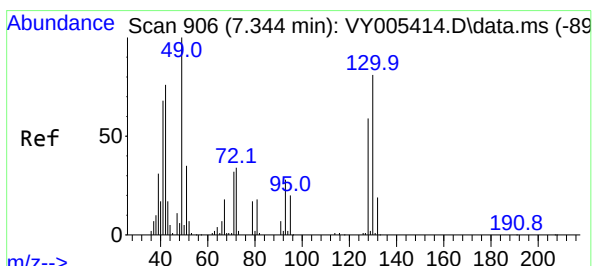
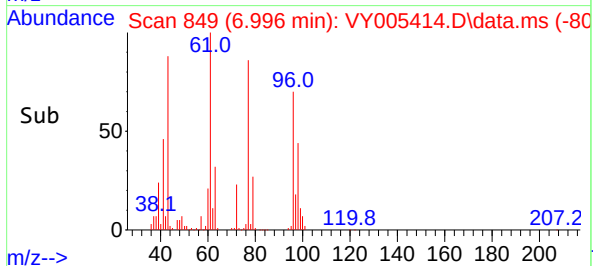
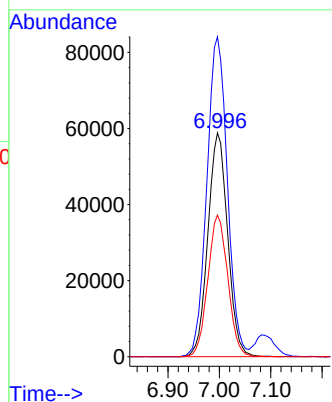
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



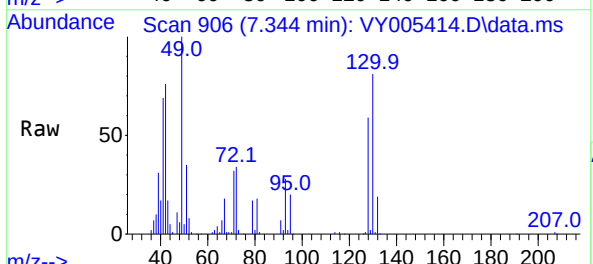
Tgt Ion: 96 Resp: 157247  
Ion Ratio Lower Upper  
96 100  
61 148.3 0.0 296.6  
98 63.9 0.0 127.8

Manual Integrations  
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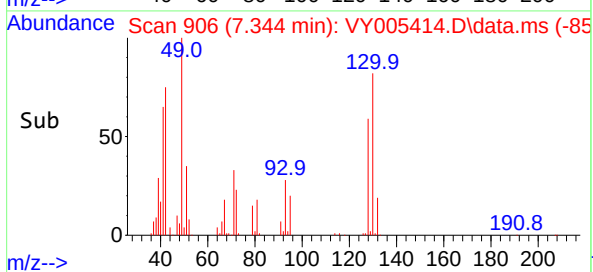
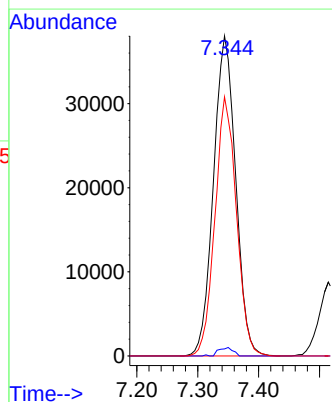
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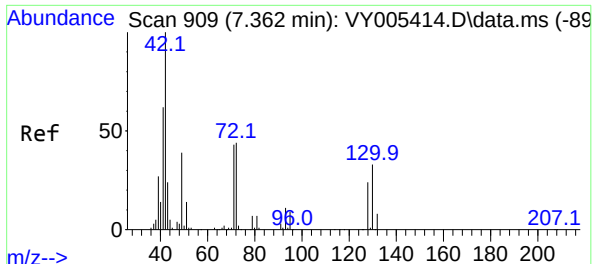


#28  
Bromochloromethane  
Concen: 50.166 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



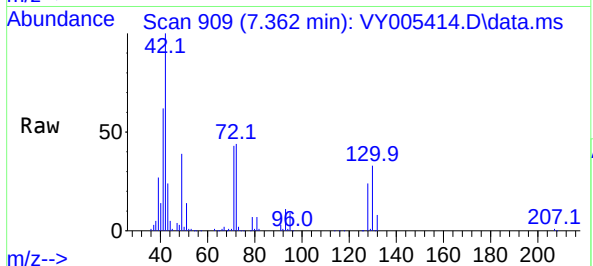
Tgt Ion: 49 Resp: 96376  
Ion Ratio Lower Upper  
49 100  
129 1.7 0.0 3.4  
130 78.3 62.6 94.0





#29  
Tetrahydrofuran  
Concen: 256.892 ug/l  
RT: 7.362 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

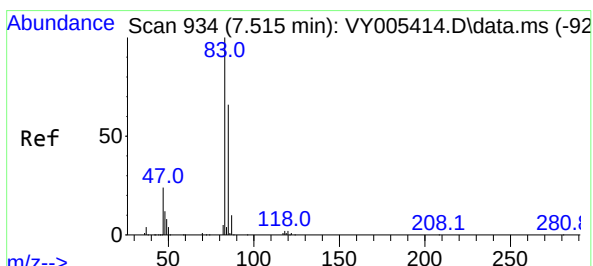
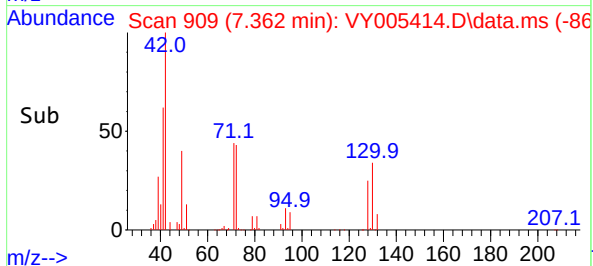
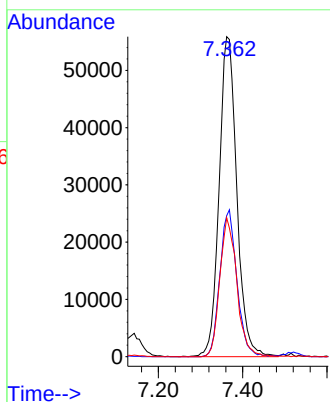
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



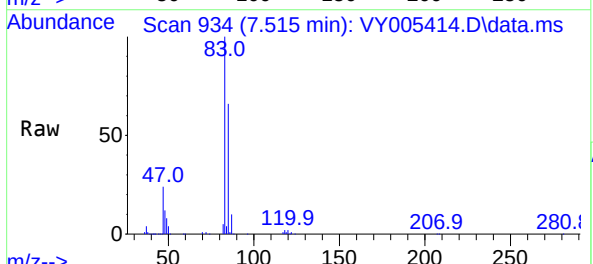
Tgt Ion: 42 Resp: 162051  
Ion Ratio Lower Upper  
42 100  
72 44.1 35.3 52.9  
71 41.8 33.4 50.2

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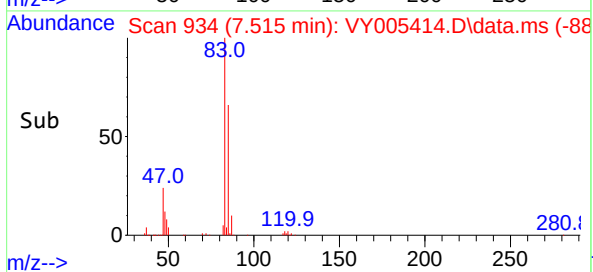
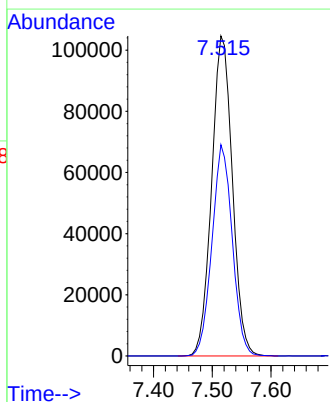
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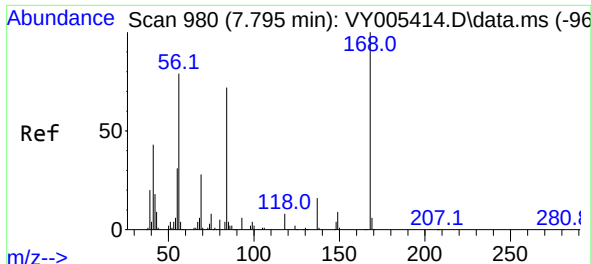


#30  
Chloroform  
Concen: 54.250 ug/l  
RT: 7.515 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



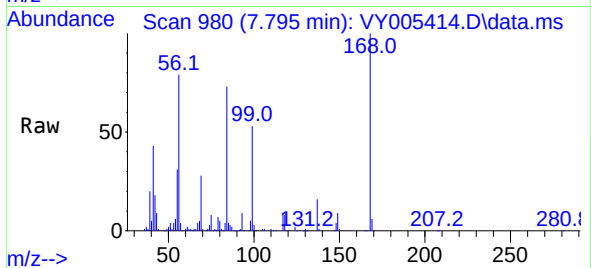
Tgt Ion: 83 Resp: 256125  
Ion Ratio Lower Upper  
83 100  
85 66.0 52.8 79.2





#31  
Cyclohexane  
Concen: 49.136 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

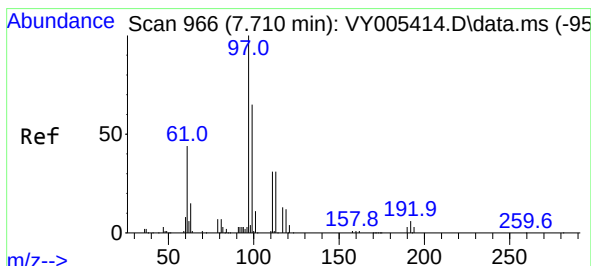
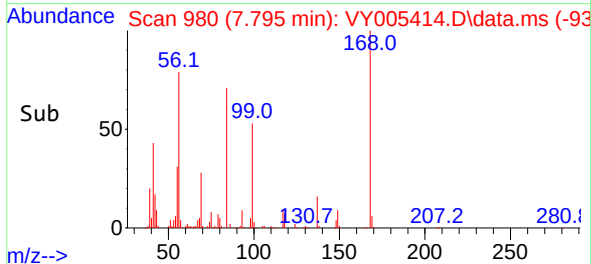
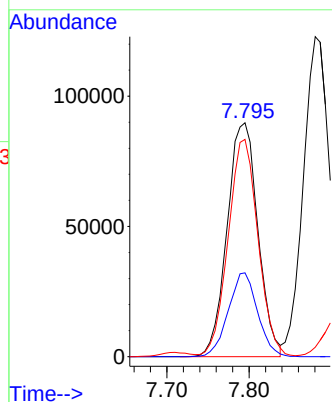
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



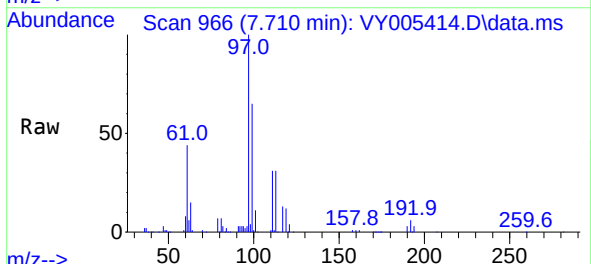
Tgt Ion: 56 Resp: 233686  
Ion Ratio Lower Upper  
56 100  
69 35.9 28.7 43.1  
84 91.3 73.0 109.6

Manual Integrations  
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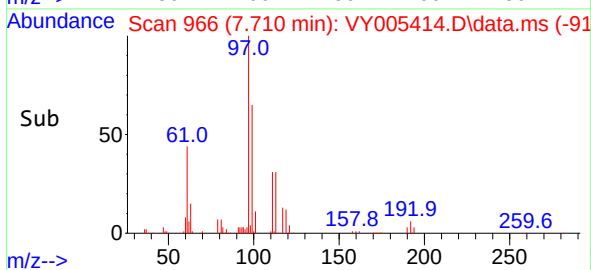
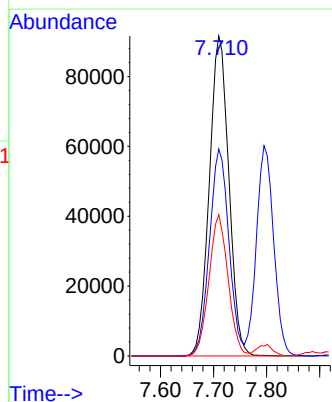
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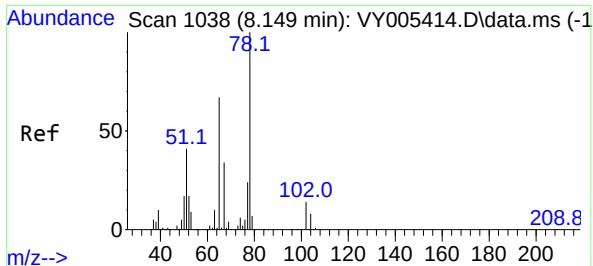


#32  
1,1,1-Trichloroethane  
Concen: 53.543 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



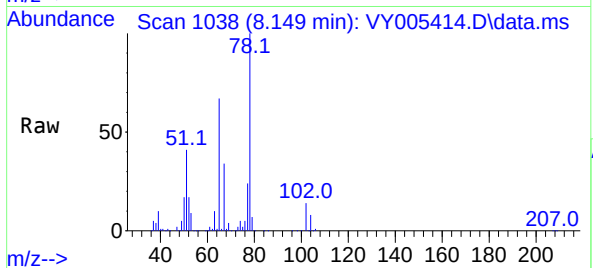
Tgt Ion: 97 Resp: 234042  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.8 77.8  
61 43.4 34.7 52.1





#33  
1,2-Dichloroethane-d4  
Concen: 55.461 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

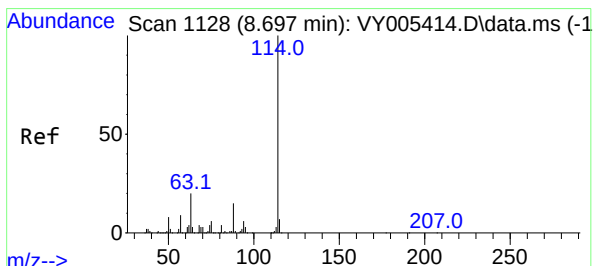
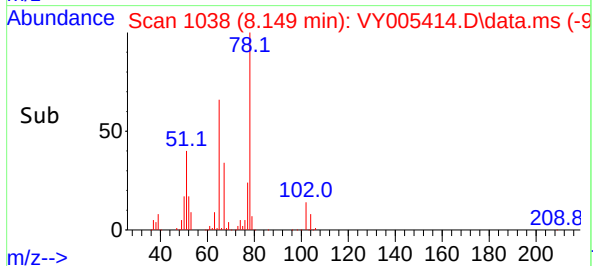
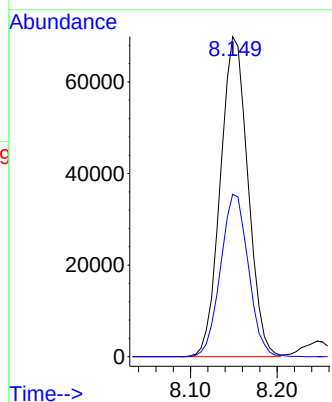
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



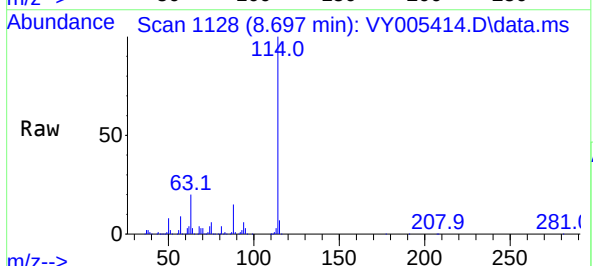
Tgt Ion: 65 Resp: 154478  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 102.2

Manual Integrations  
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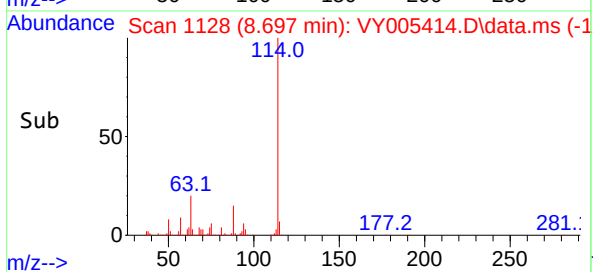
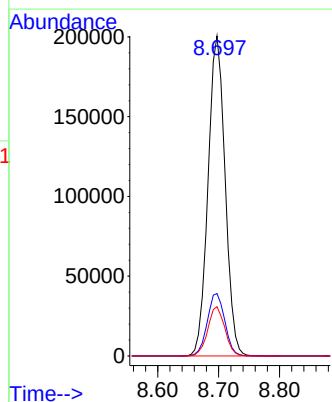
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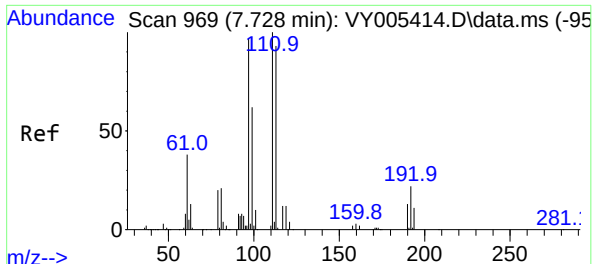


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



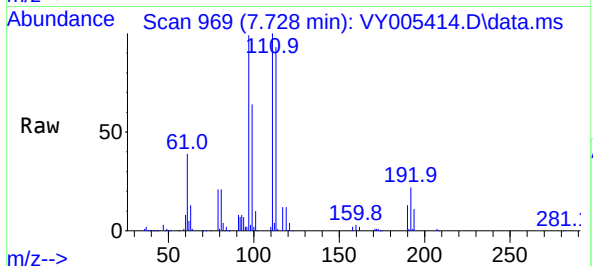
Tgt Ion: 114 Resp: 389876  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 39.0  
88 15.4 0.0 30.8





#35  
Dibromofluoromethane  
Concen: 54.842 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

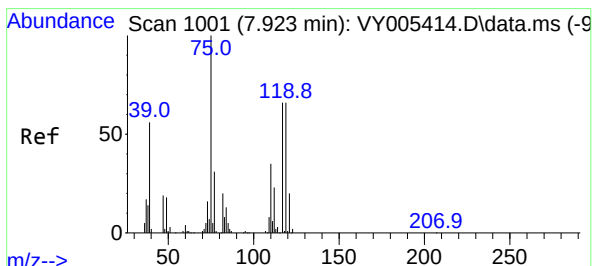
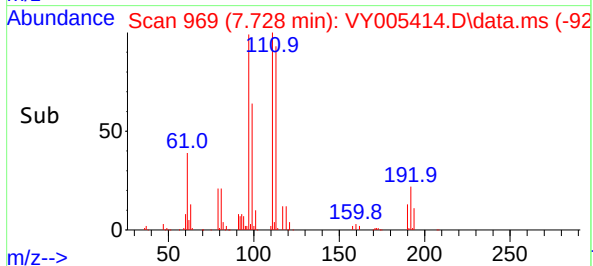
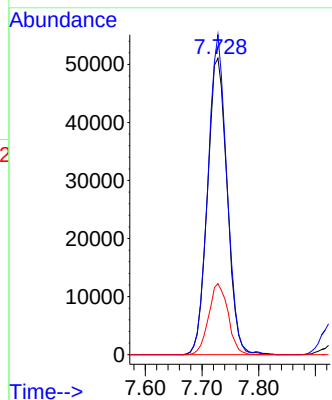
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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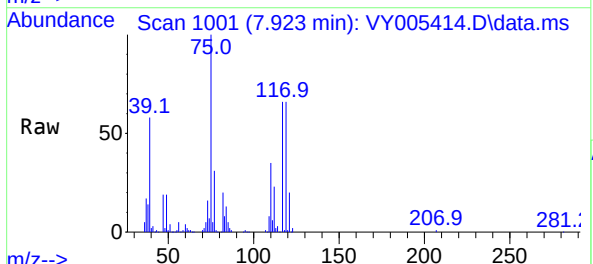
Tgt Ion:113 Resp: 123459  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.6 124.0  
192 23.6 18.9 28.3

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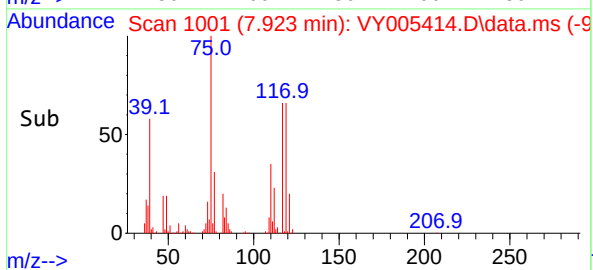
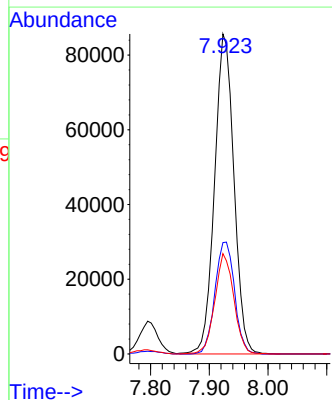
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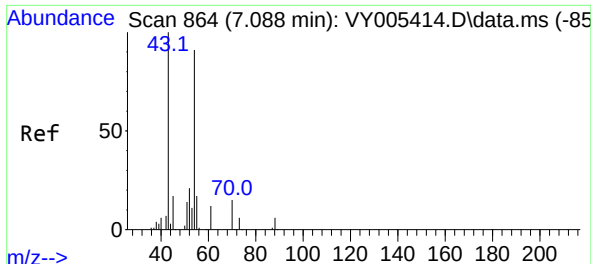


#36  
1,1-Dichloropropene  
Concen: 52.047 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

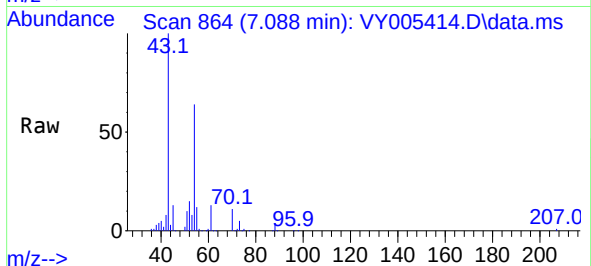


Tgt Ion: 75 Resp: 196203  
Ion Ratio Lower Upper  
75 100  
110 35.3 17.6 52.9  
77 30.8 24.6 37.0

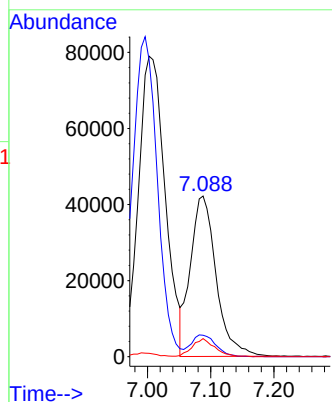




#37  
Ethyl Acetate  
Concen: 52.071 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



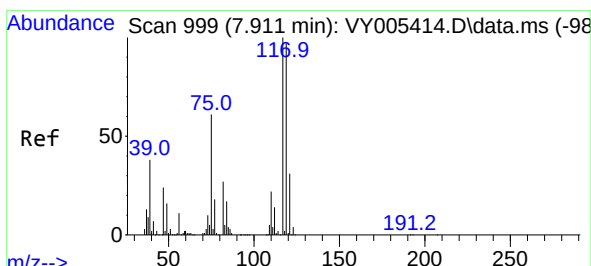
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 119490 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 12.9  | 10.3  | 15.5   |
| 70       | 9.9   | 7.9   | 11.9   |



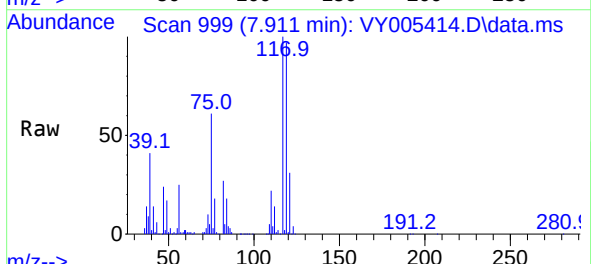
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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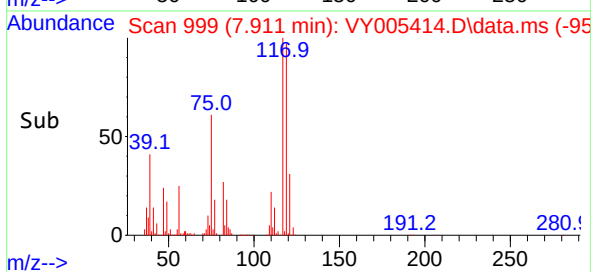
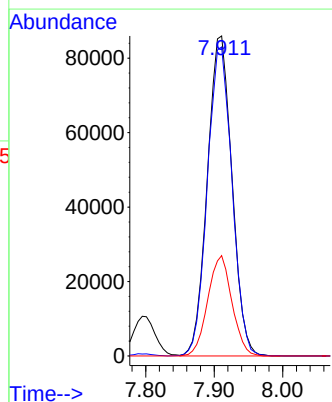
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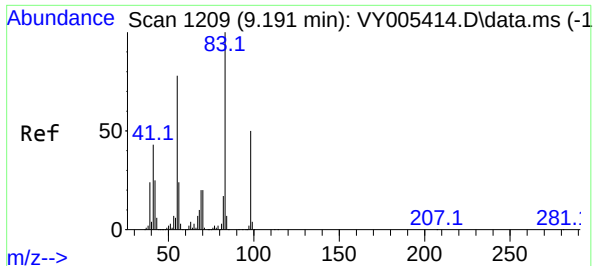


#38  
Carbon Tetrachloride  
Concen: 52.100 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 214622 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.5  | 77.2  | 115.8  |
| 121      | 31.4  | 25.1  | 37.7   |





#39  
Methylcyclohexane  
Concen: 51.188 ug/l  
RT: 9.191 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

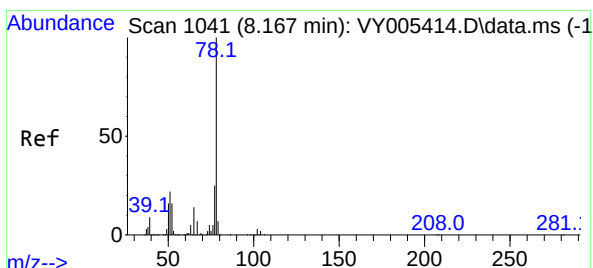
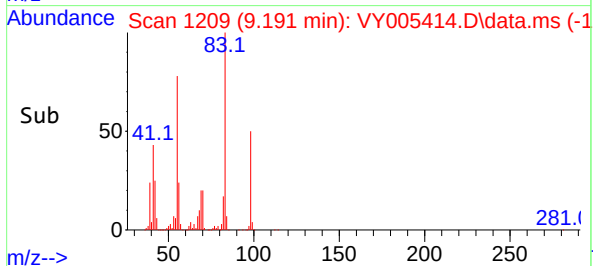
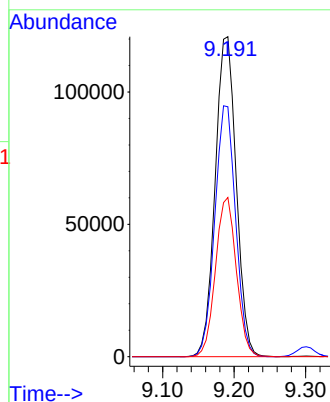
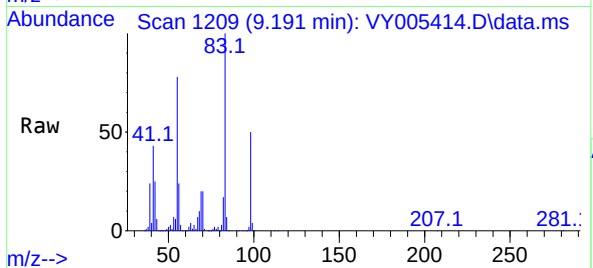
Tgt Ion: 83 Resp: 247439  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 78.1  | 62.5  | 93.7  |
| 98  | 49.7  | 39.8  | 59.6  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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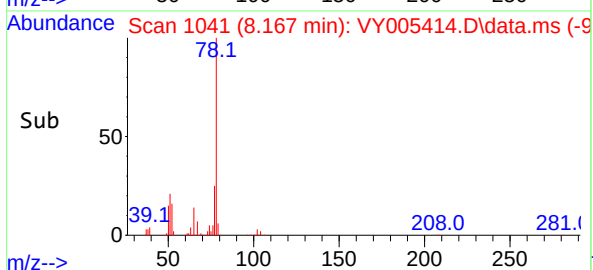
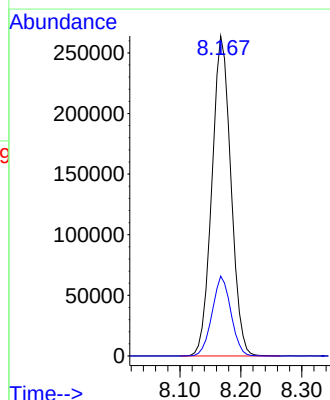
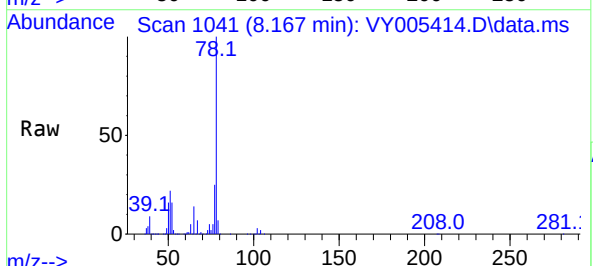
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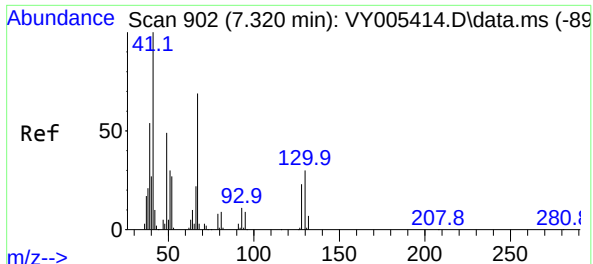
#40  
Benzene  
Concen: 52.790 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 78 Resp: 571888  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 25.0  | 20.0  | 30.0  |

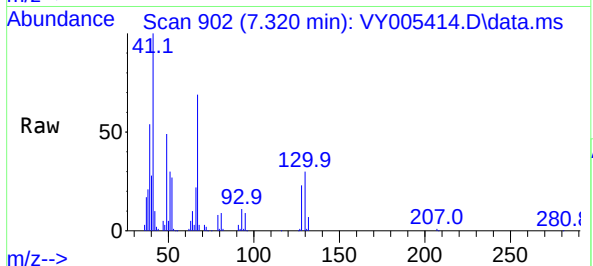






#41  
Methacrylonitrile  
Concen: 43.120 ug/l  
RT: 7.320 min Scan# 902  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

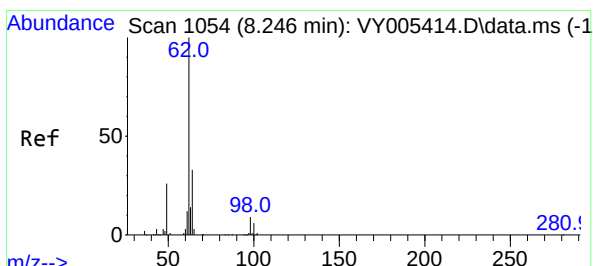
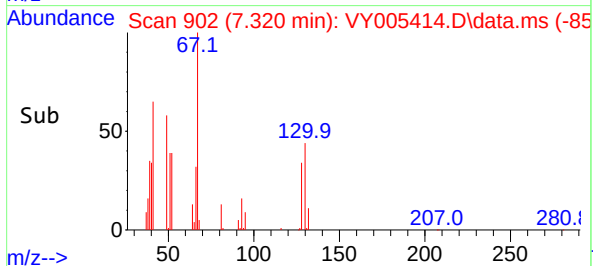
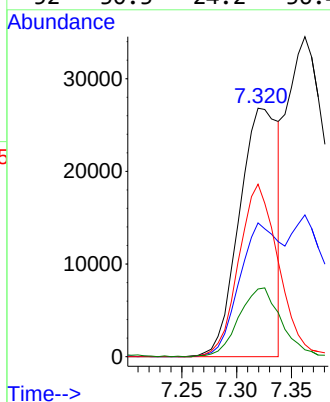


Tgt Ion: 41 Resp: 66094

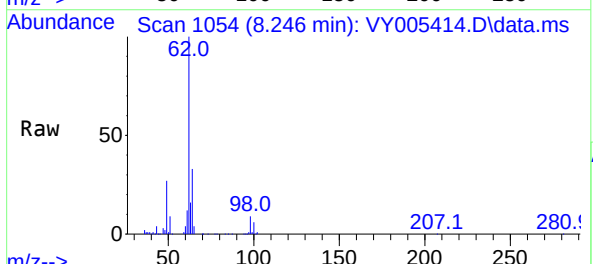
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 58.7  | 47.0  | 70.4  |
| 67  | 71.6  | 57.3  | 85.9  |
| 52  | 30.3  | 24.2  | 36.4  |

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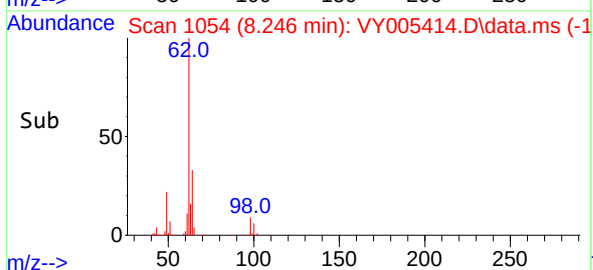
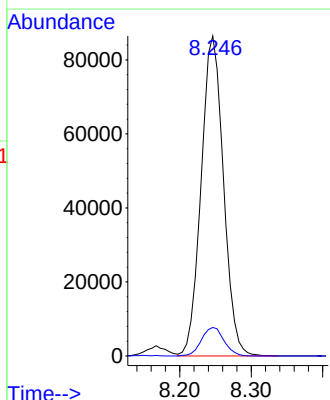


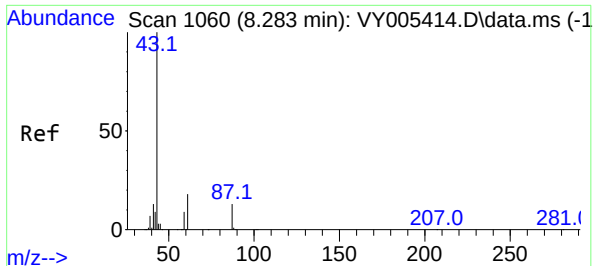
#42  
1,2-Dichloroethane  
Concen: 53.508 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



Tgt Ion: 62 Resp: 187517

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.0   | 0.0   | 18.0  |





#43  
Isopropyl Acetate  
Concen: 53.682 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

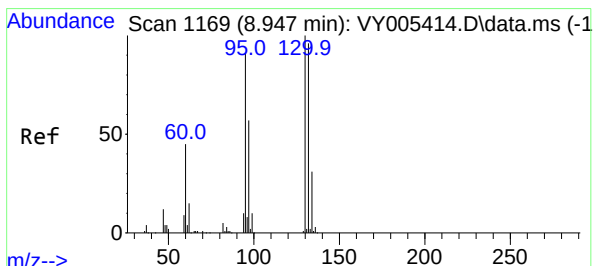
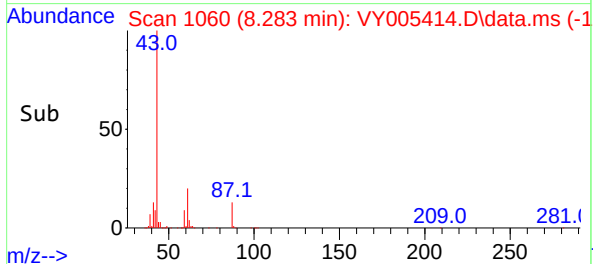
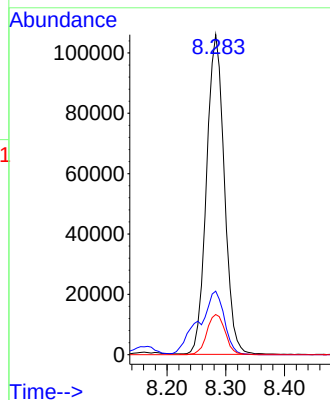
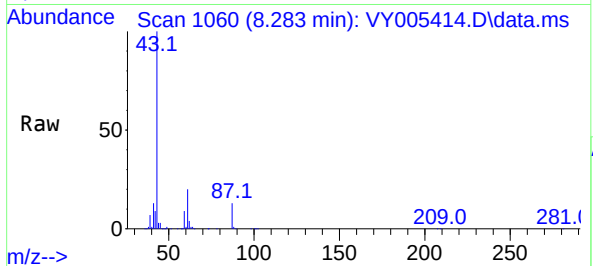
Tgt Ion: 43 Resp: 223079

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 28.7  | 23.0  | 34.4  |
| 87  | 13.0  | 10.4  | 15.6  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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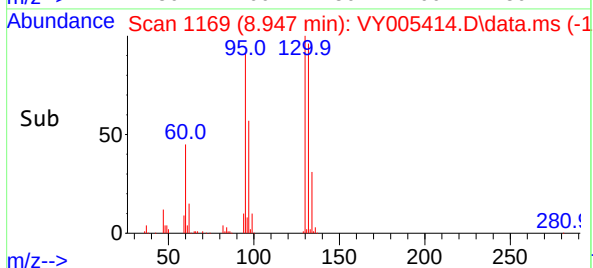
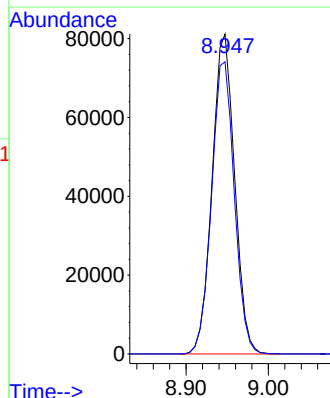
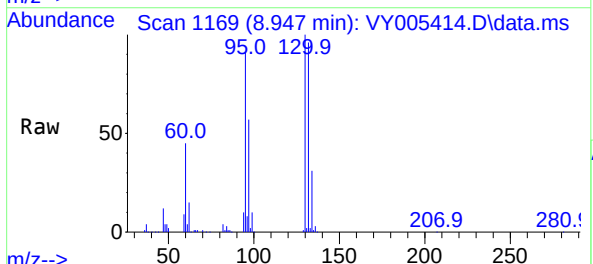
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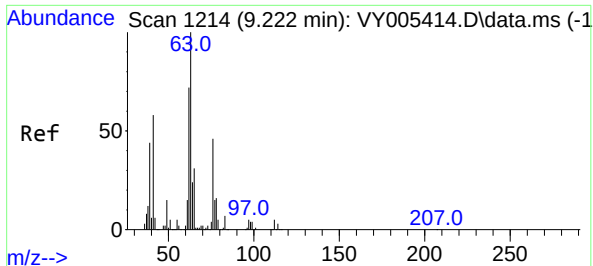


#44  
Trichloroethene  
Concen: 52.557 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 130 Resp: 154413

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 91.3  | 0.0   | 182.6 |





#45

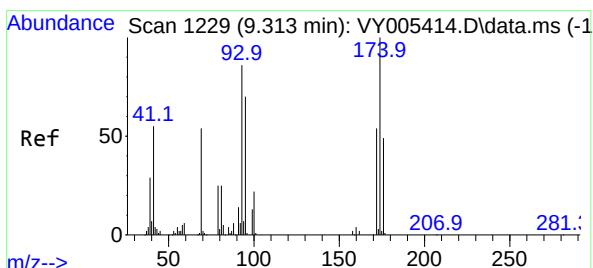
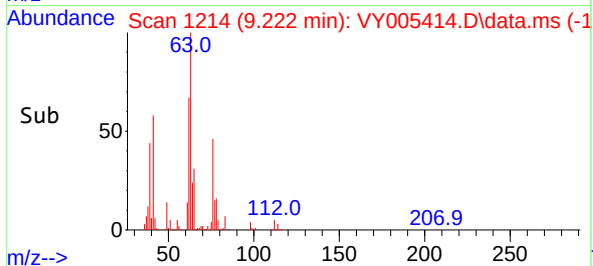
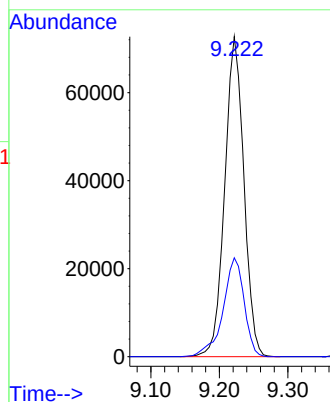
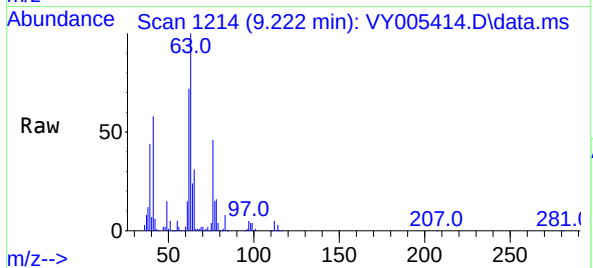
1,2-Dichloropropane  
Concen: 52.840 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 63 Resp: 140946  
Ion Ratio Lower Upper  
63 100  
65 30.9 24.7 37.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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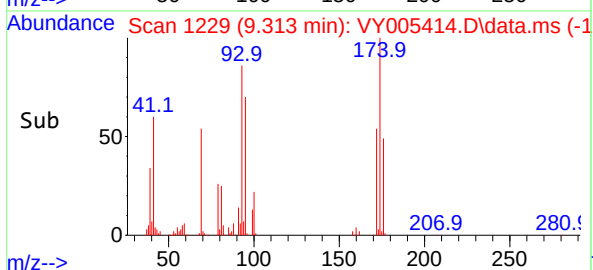
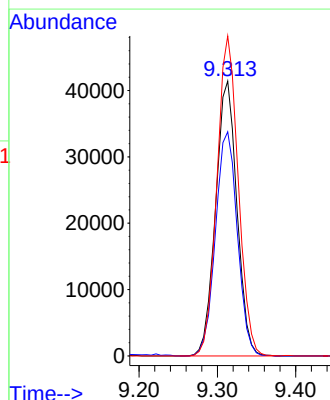
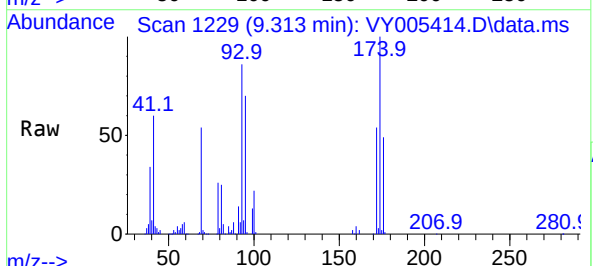
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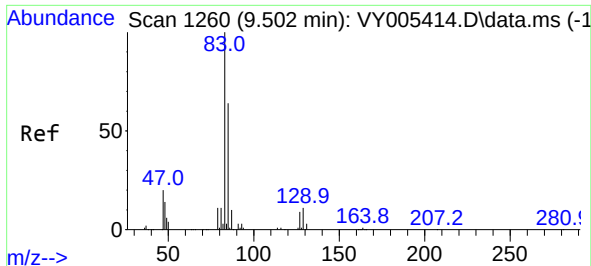


#46

Dibromomethane  
Concen: 53.336 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 93 Resp: 78306  
Ion Ratio Lower Upper  
93 100  
95 83.6 66.9 100.3  
174 116.5 93.2 139.8





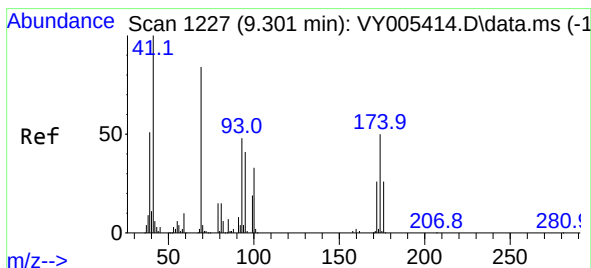
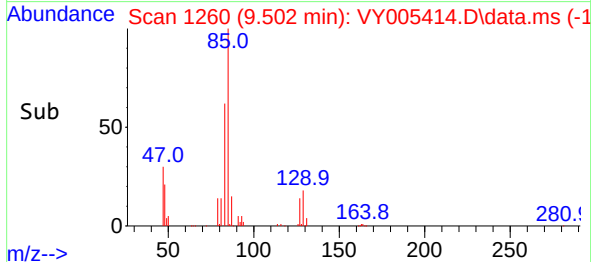
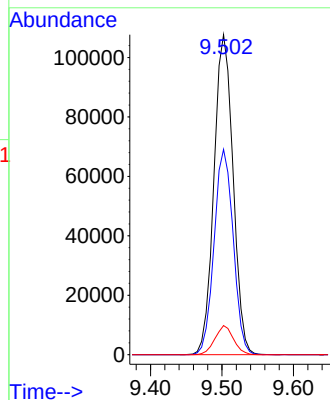
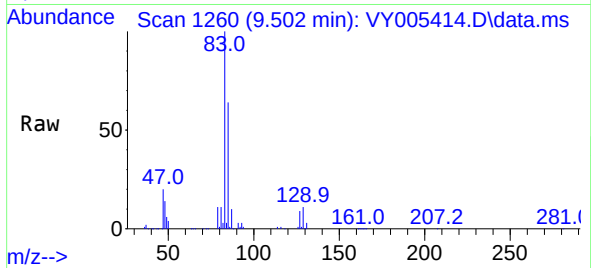
#47  
Bromodichloromethane  
Concen: 54.219 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 83 Resp: 200090  
Ion Ratio Lower Upper  
83 100  
85 64.2 51.4 77.0  
127 9.1 7.3 10.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

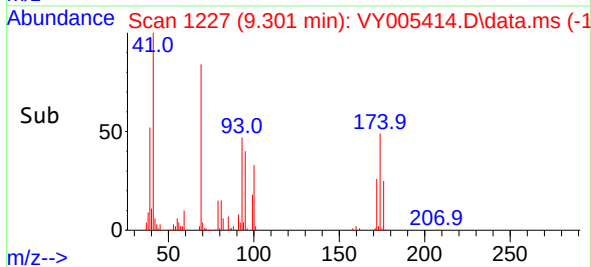
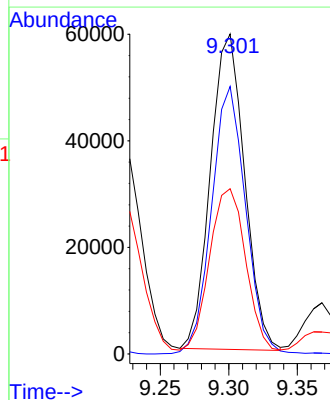
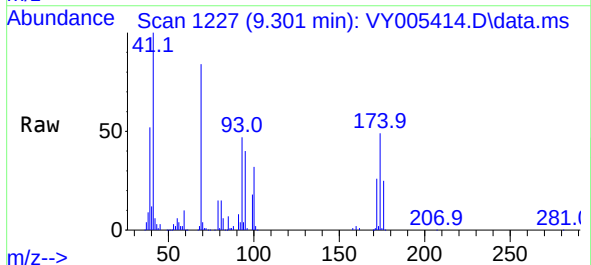
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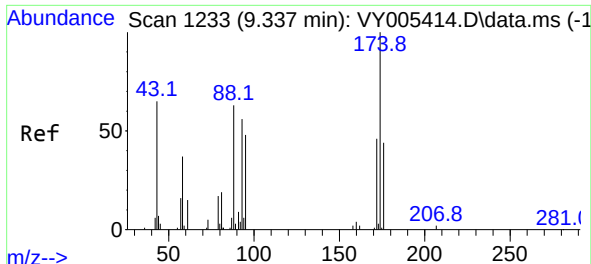
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#48  
Methyl methacrylate  
Concen: 53.107 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 41 Resp: 102632  
Ion Ratio Lower Upper  
41 100  
69 84.8 67.8 101.8  
39 54.2 43.4 65.0





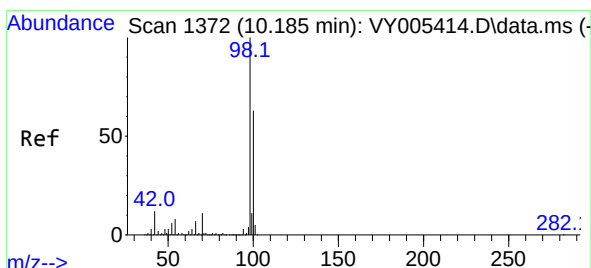
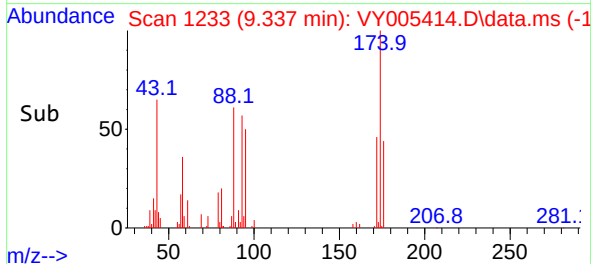
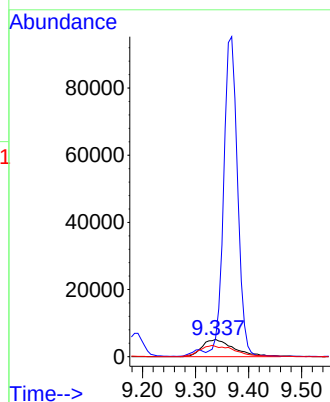
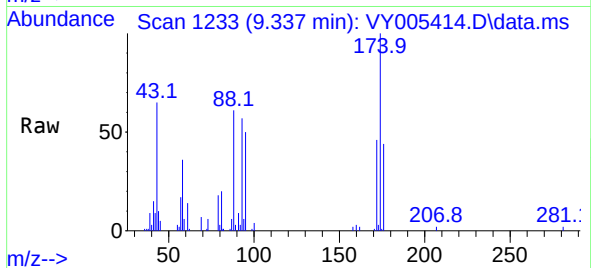
#49  
1,4-Dioxane  
Concen: 1035.210 ug/l  
RT: 9.337 min Scan# 1233  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 88 Resp: 21439  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 72.7 58.2 87.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

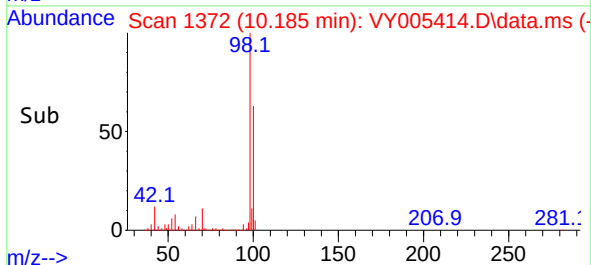
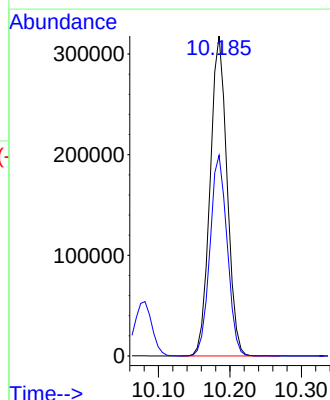
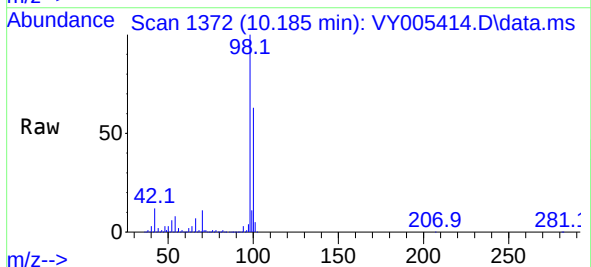
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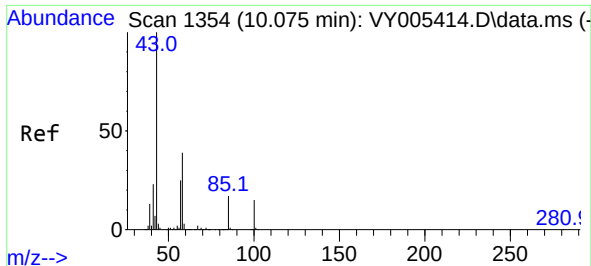
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#50  
Toluene-d8  
Concen: 54.846 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 98 Resp: 523305  
Ion Ratio Lower Upper  
98 100  
100 63.6 50.9 76.3





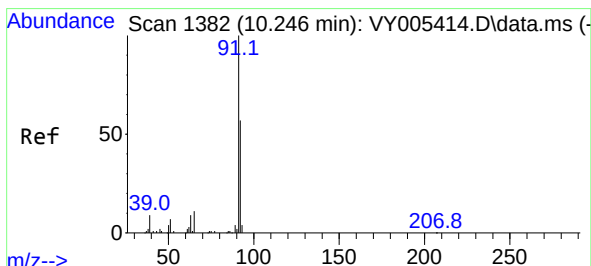
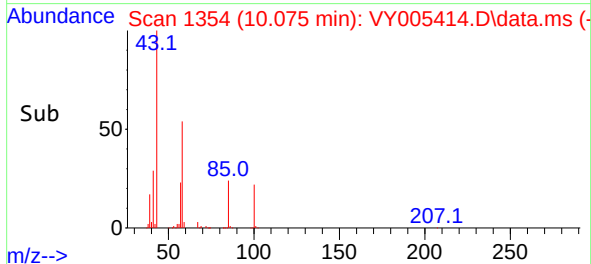
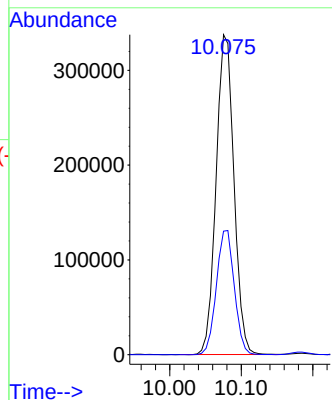
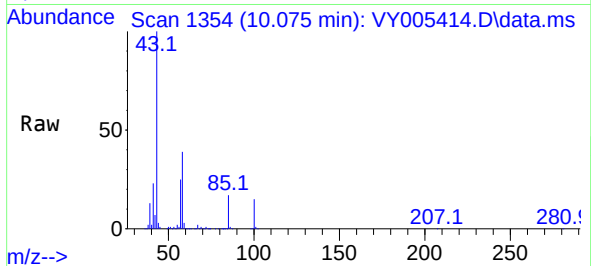
#51  
4-Methyl-2-Pentanone  
Concen: 265.288 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 43 Resp: 585259  
Ion Ratio Lower Upper  
43 100  
58 39.0 31.2 46.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

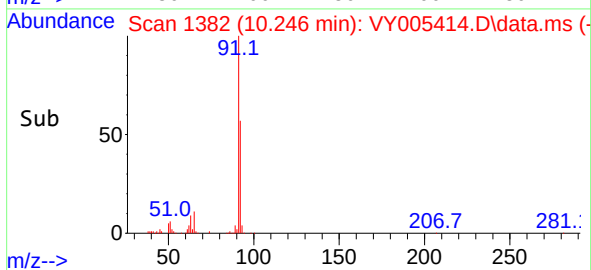
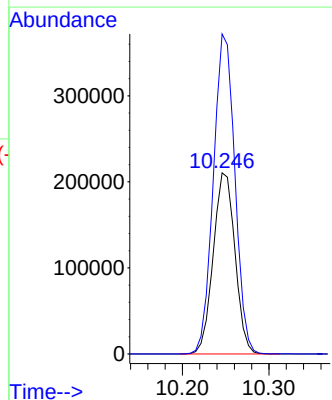
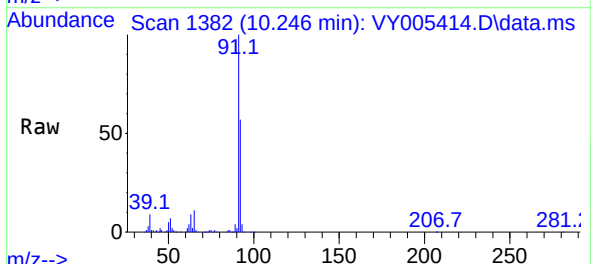
Manual Integrations  
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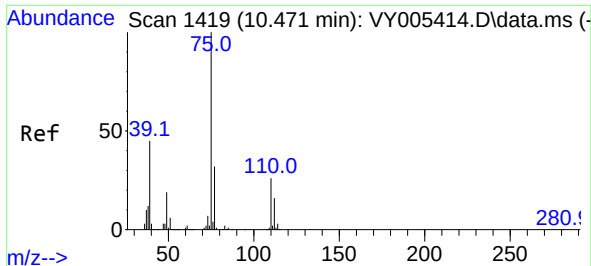
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#52  
Toluene  
Concen: 53.344 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 92 Resp: 366969  
Ion Ratio Lower Upper  
92 100  
91 175.1 140.1 210.1





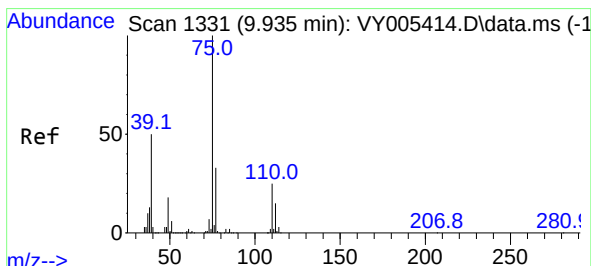
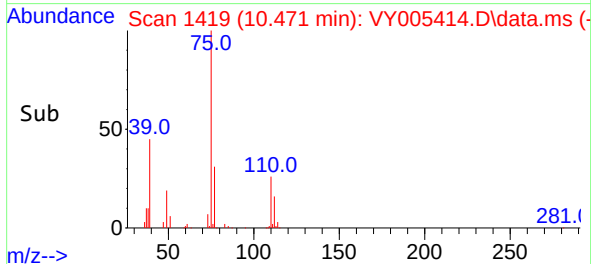
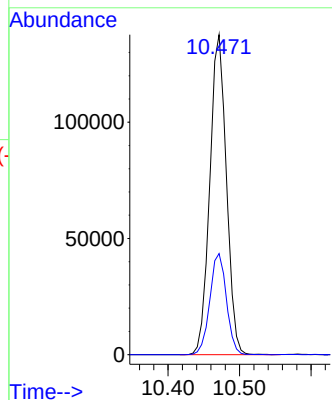
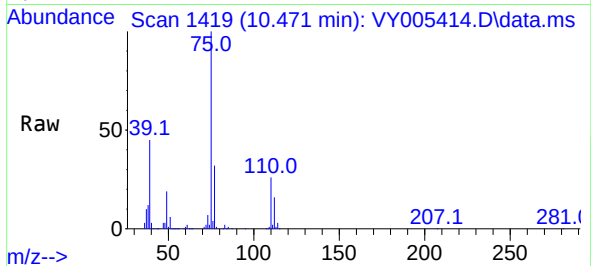
#53  
t-1,3-Dichloropropene  
Concen: 53.738 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 75 Resp: 221849  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.3 37.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

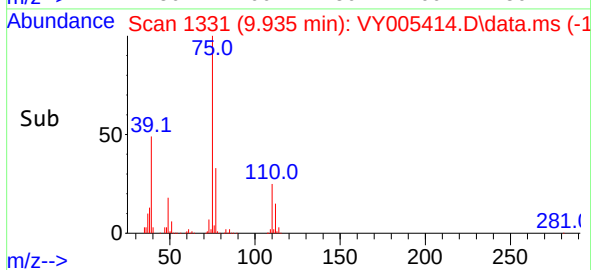
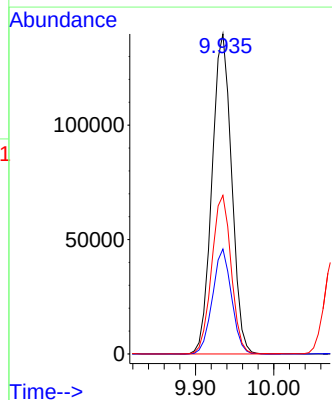
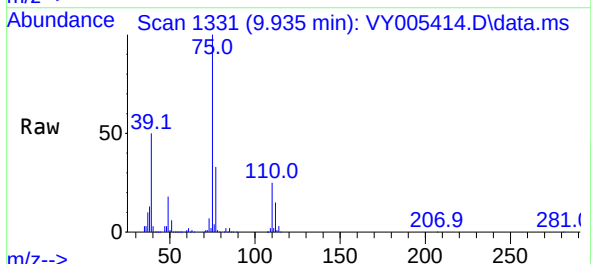
Manual Integrations  
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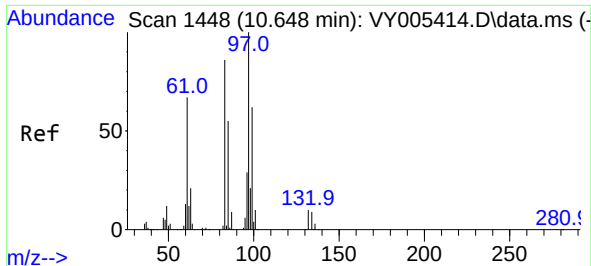
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#54  
cis-1,3-Dichloropropene  
Concen: 53.500 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 75 Resp: 242784  
Ion Ratio Lower Upper  
75 100  
77 32.8 26.2 39.4  
39 49.5 39.6 59.4



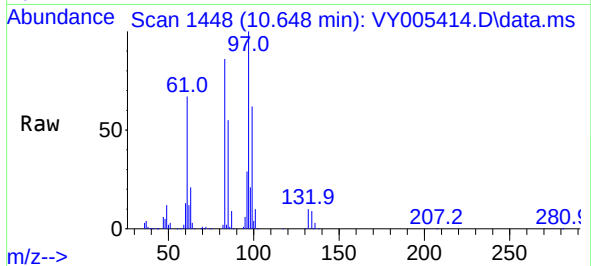


#55  
1,1,2-Trichloroethane  
Concen: 53.791 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

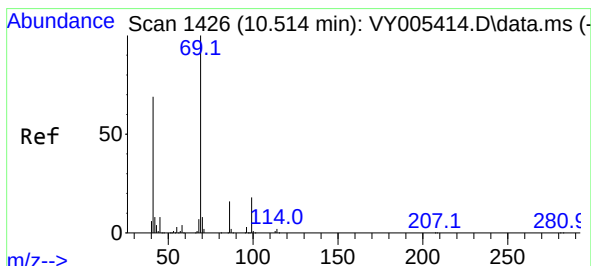
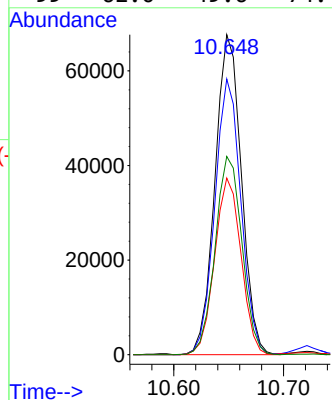
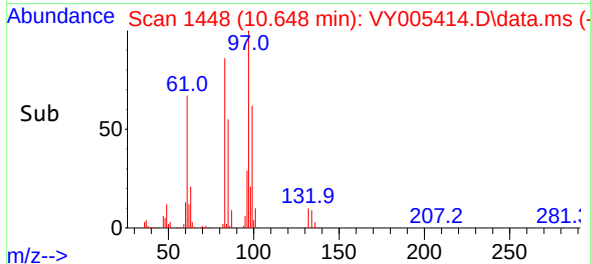
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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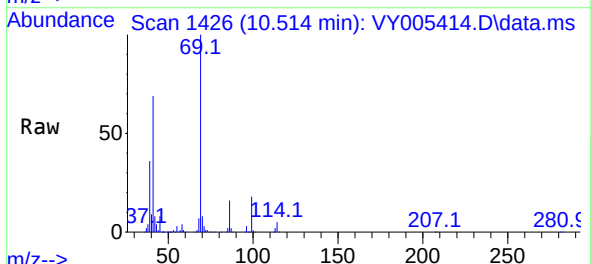
MMDadoda  
7/23/2021 5:47:56 PM



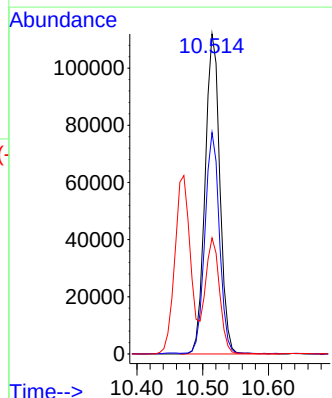
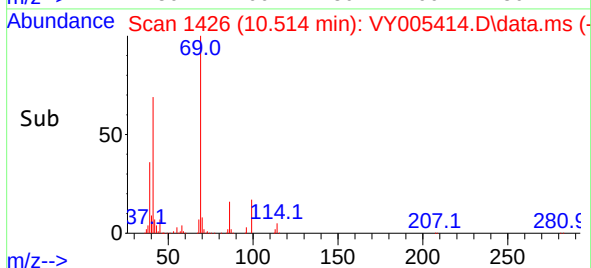
Tgt Ion: 97 Resp: 113341  
Ion Ratio Lower Upper  
97 100  
83 86.2 69.0 103.4  
85 55.2 44.2 66.2  
99 62.0 49.6 74.4



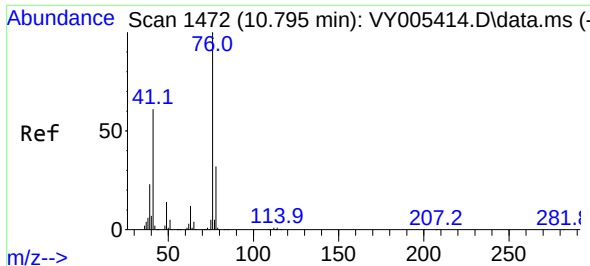
#56  
Ethyl methacrylate  
Concen: 54.677 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



Tgt Ion: 69 Resp: 173959  
Ion Ratio Lower Upper  
69 100  
41 68.4 54.7 82.1  
39 34.0 27.2 40.8







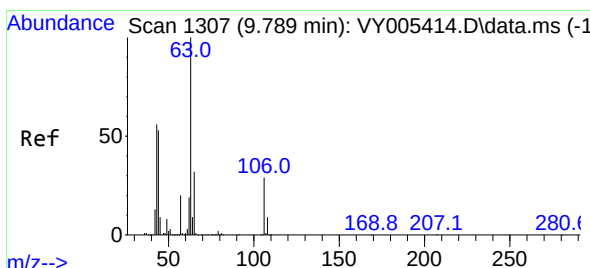
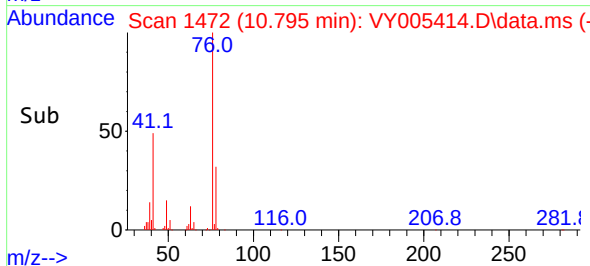
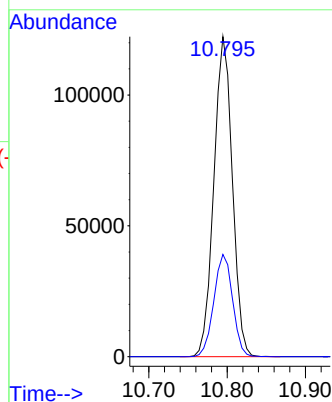
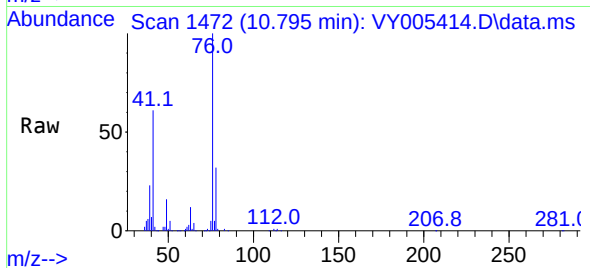
#57  
1,3-Dichloropropane  
Concen: 53.542 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 76 Resp: 200651  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.9 38.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

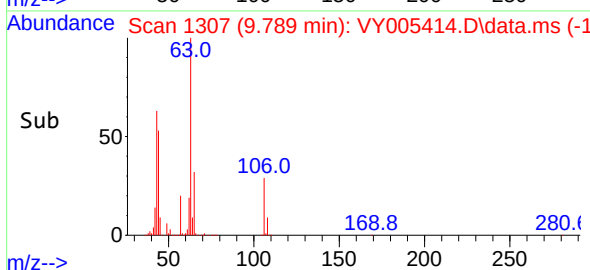
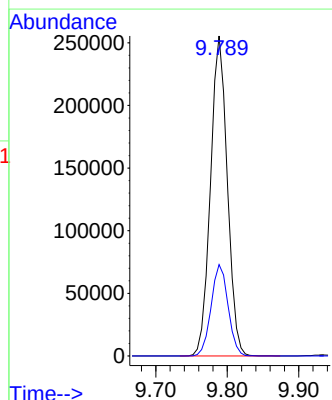
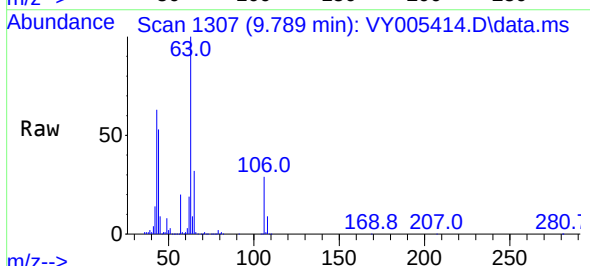
Manual Integrations  
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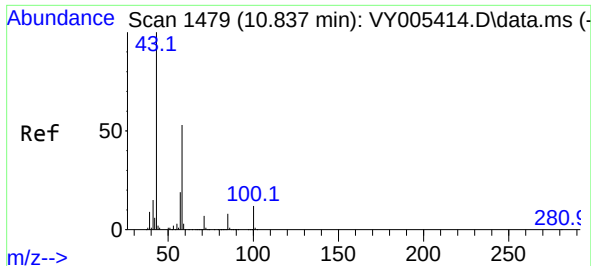
MMDadoda  
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#58  
2-Chloroethyl Vinyl ether  
Concen: 273.792 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 63 Resp: 416596  
Ion Ratio Lower Upper  
63 100  
106 28.7 23.0 34.4





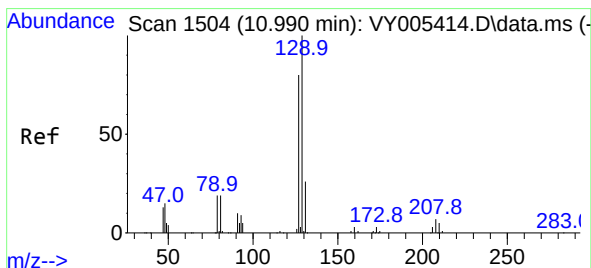
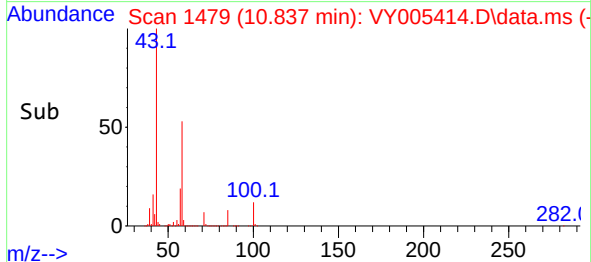
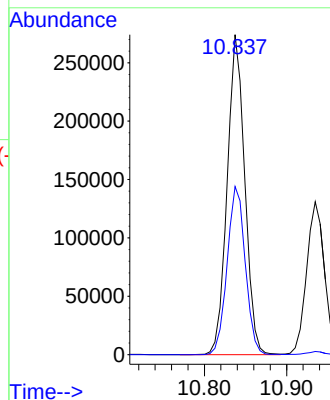
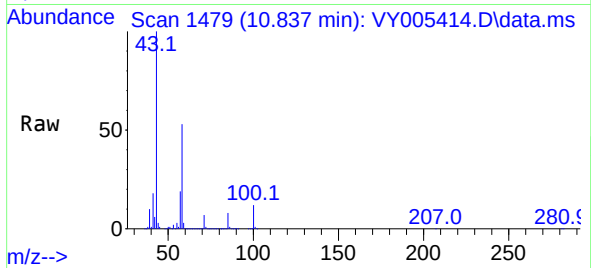
#59  
2-Hexanone  
Concen: 264.082 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 43 Resp: 408337  
Ion Ratio Lower Upper  
43 100  
58 54.1 27.1 81.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

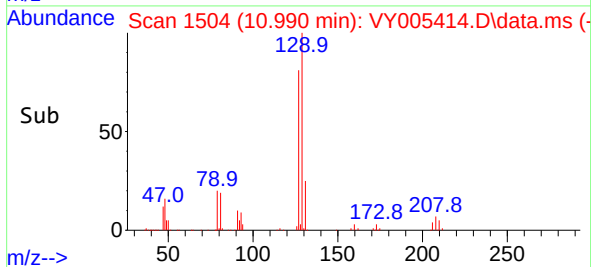
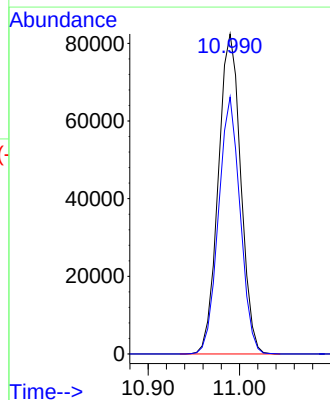
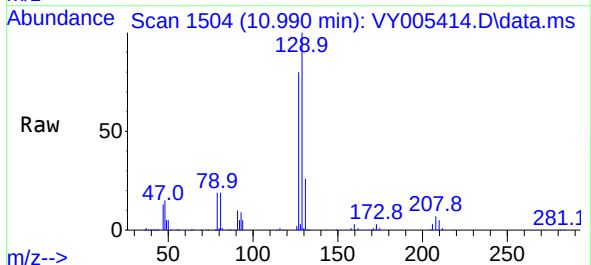
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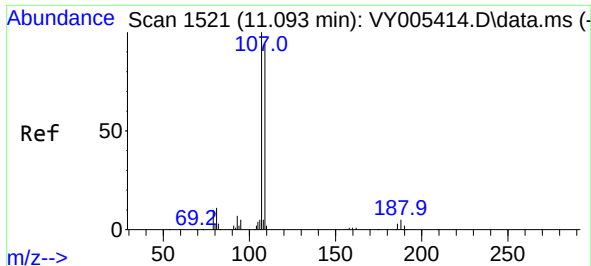
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#60  
Dibromochloromethane  
Concen: 54.646 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 129 Resp: 140625  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.6 116.0





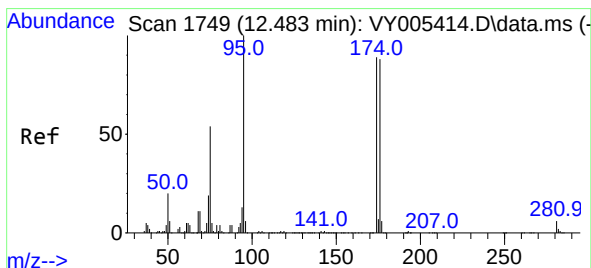
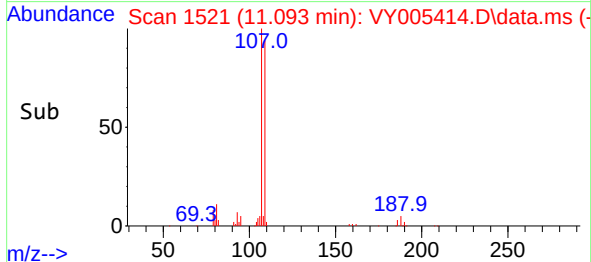
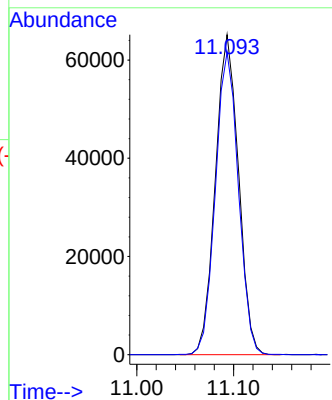
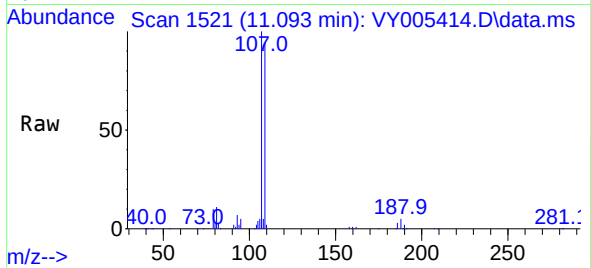
#61  
1,2-Dibromoethane  
Concen: 54.147 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 107 Resp: 107994  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.2 112.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

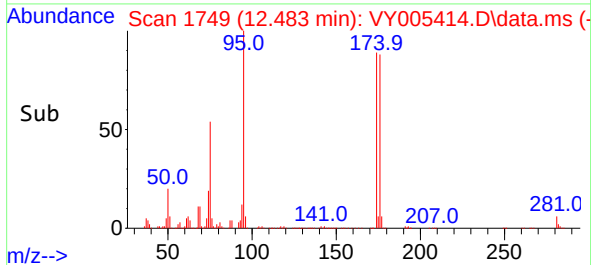
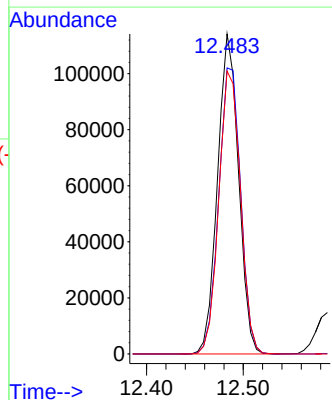
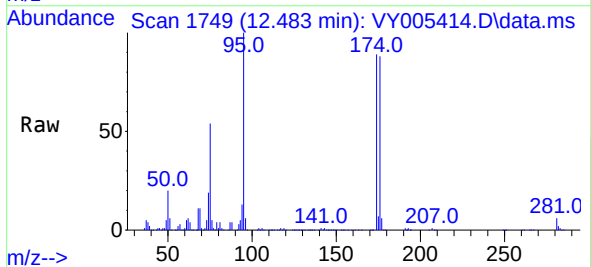
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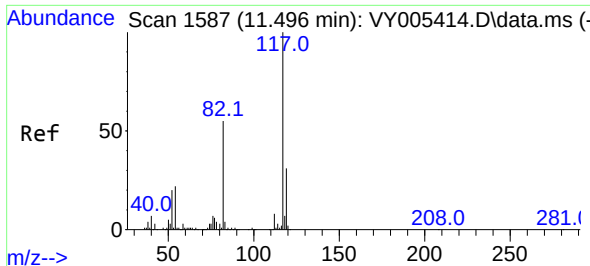
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#62  
4-Bromofluorobenzene  
Concen: 54.624 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

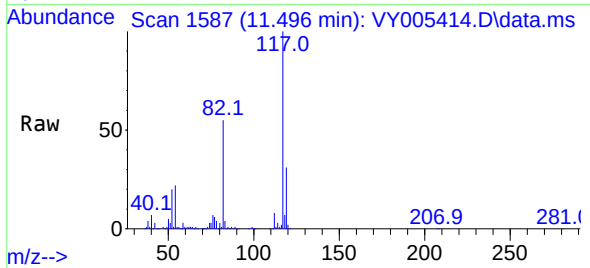
Tgt Ion: 95 Resp: 172016  
Ion Ratio Lower Upper  
95 100  
174 93.3 0.0 186.6  
176 91.2 0.0 182.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

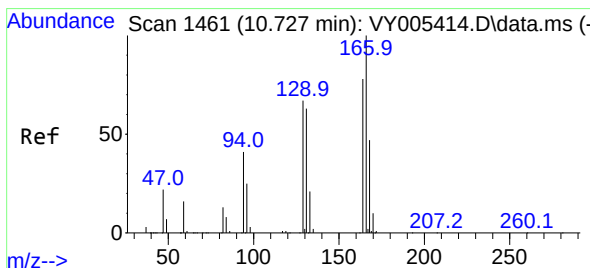
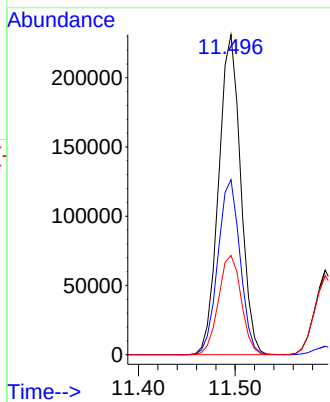
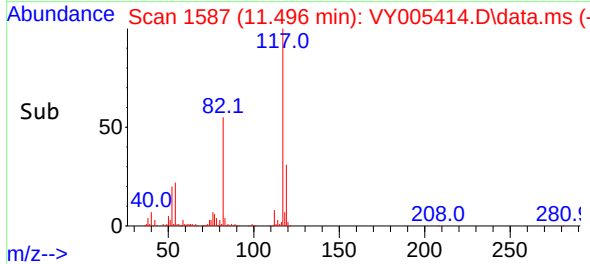
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



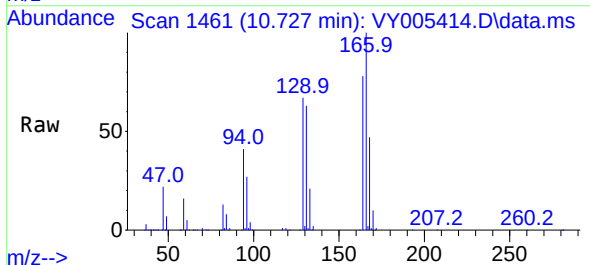
Tgt Ion:117 Resp: 364255  
Ion Ratio Lower Upper  
117 100  
82 54.7 43.8 65.6  
119 31.0 24.8 37.2

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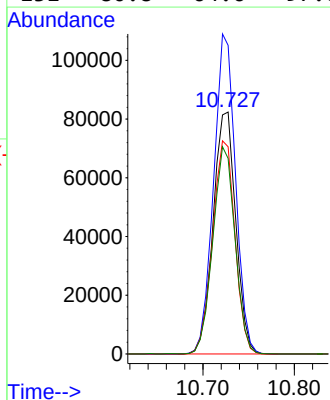
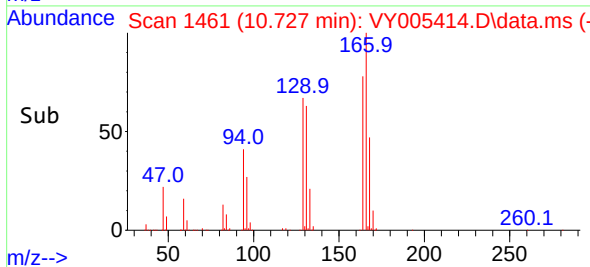
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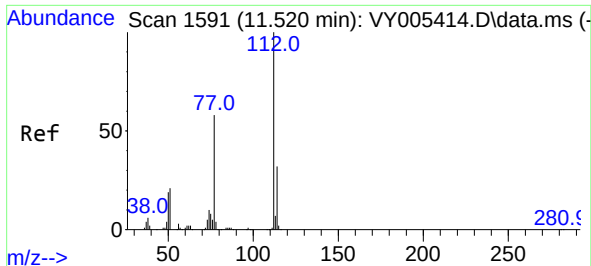


#64  
Tetrachloroethene  
Concen: 51.640 ug/l  
RT: 10.727 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



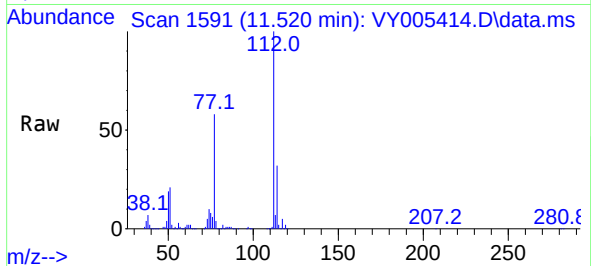
Tgt Ion:164 Resp: 142100  
Ion Ratio Lower Upper  
164 100  
166 127.6 102.1 153.1  
129 85.7 68.6 102.8  
131 80.8 64.6 97.0





#65  
Chlorobenzene  
Concen: 52.390 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

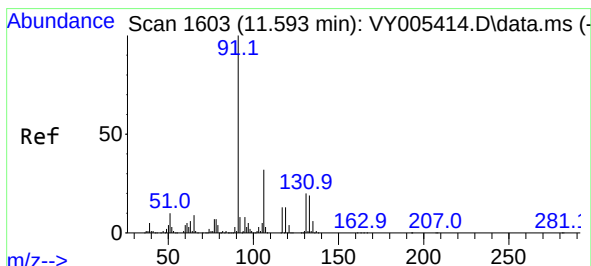
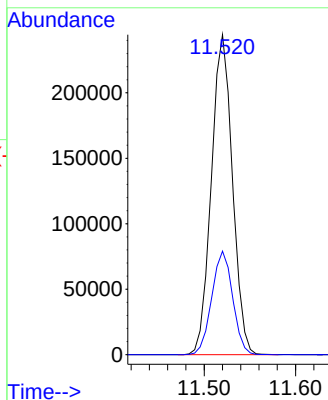
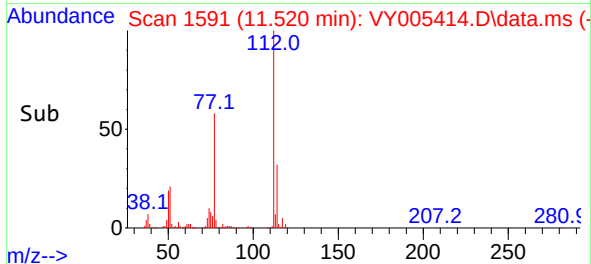
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



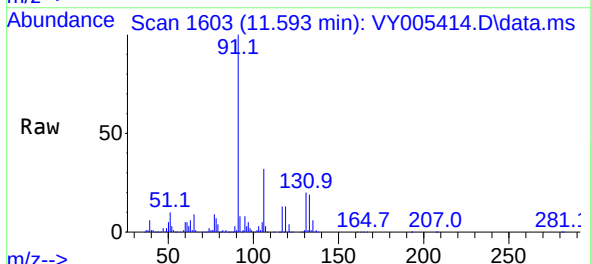
Tgt Ion:112 Resp: 390860  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.8

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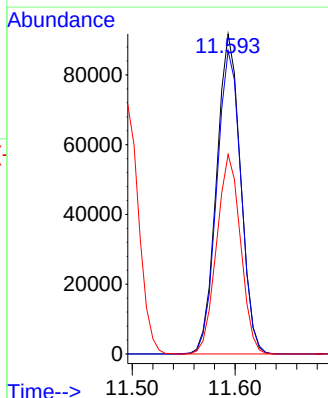
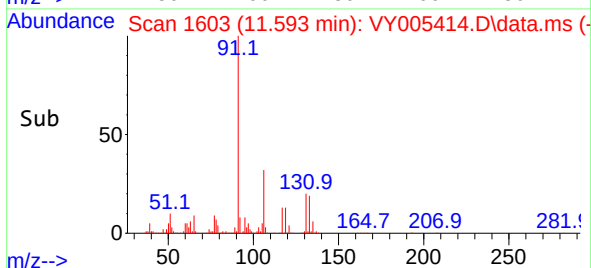
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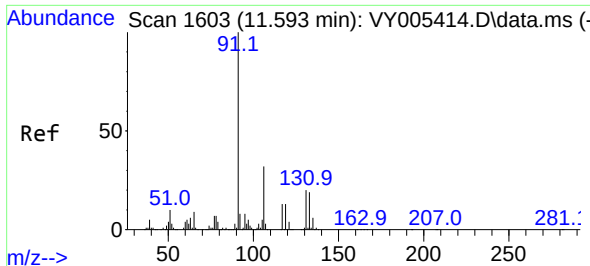


#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.252 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



Tgt Ion:131 Resp: 148381  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.8 143.4  
119 62.3 31.1 93.5





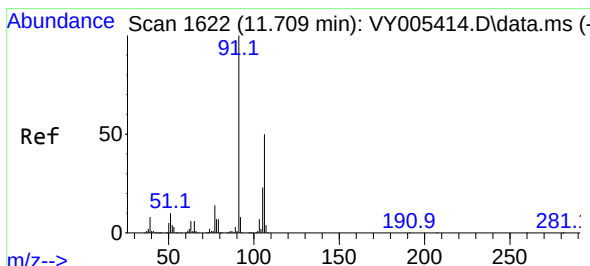
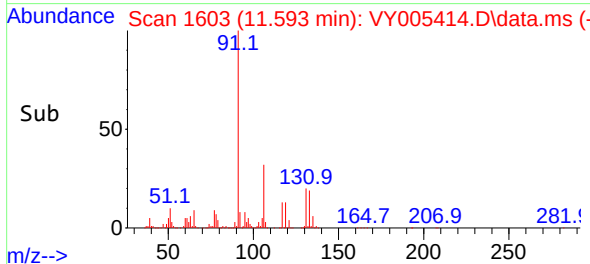
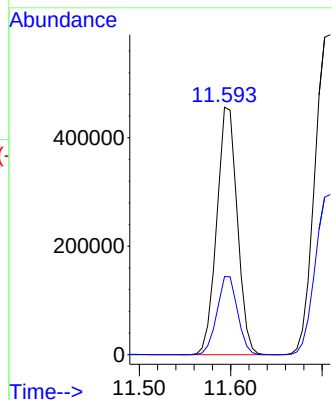
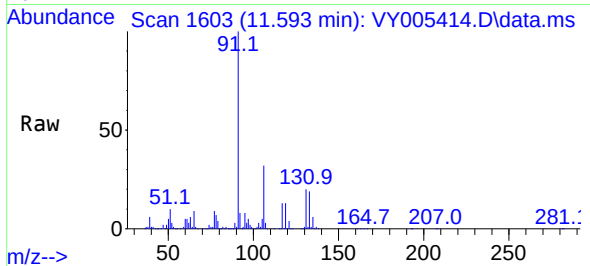
#67  
Ethyl Benzene  
Concen: 52.544 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 91 Resp: 713628  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.2 37.8

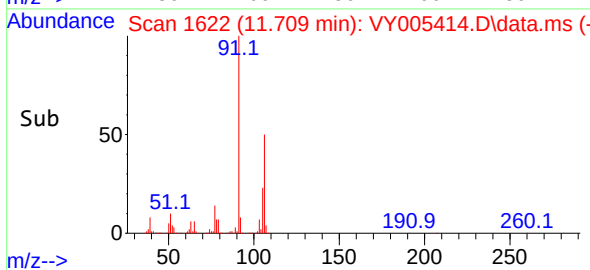
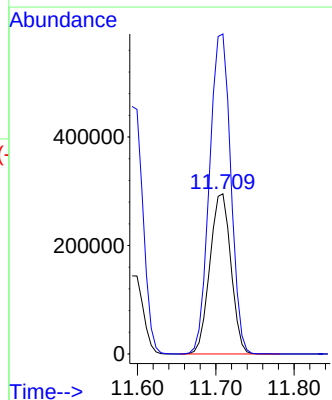
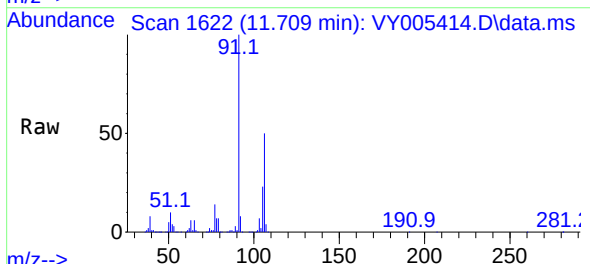
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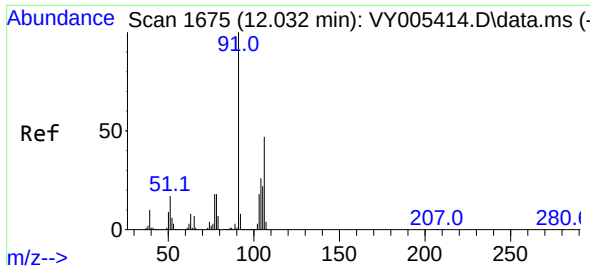
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#68  
m/p-Xylenes  
Concen: 104.482 ug/l  
RT: 11.709 min Scan# 1622  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 106 Resp: 551012  
Ion Ratio Lower Upper  
106 100  
91 201.8 161.4 242.2





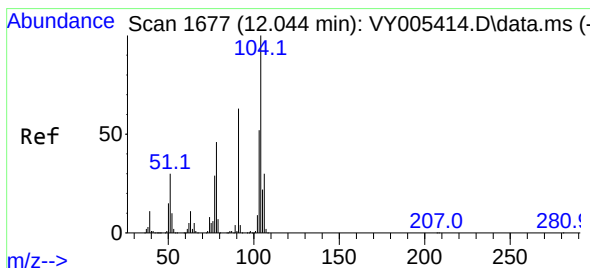
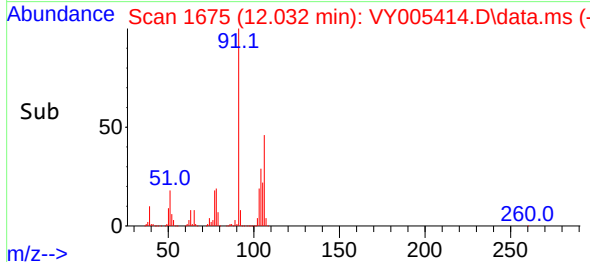
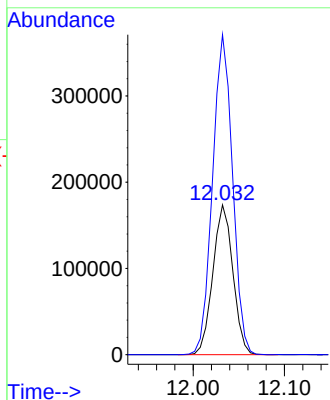
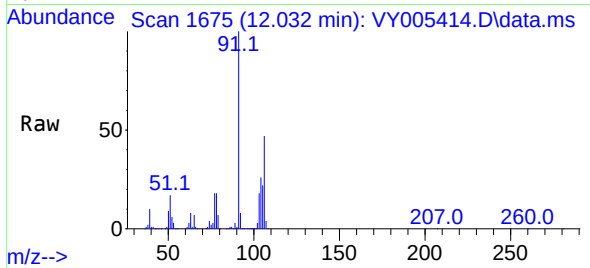
#69  
o-Xylene  
Concen: 52.698 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion:106 Resp: 264398  
Ion Ratio Lower Upper  
106 100  
91 213.2 106.6 319.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

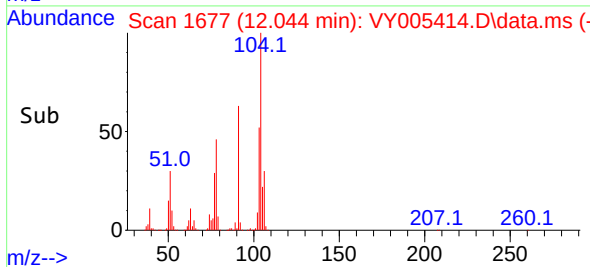
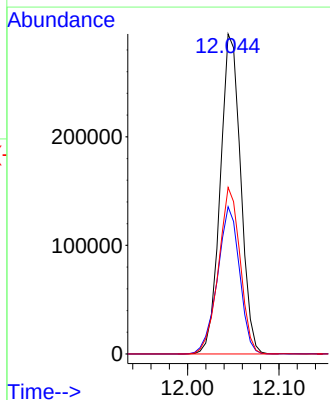
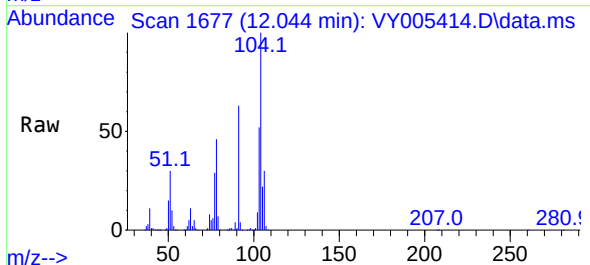
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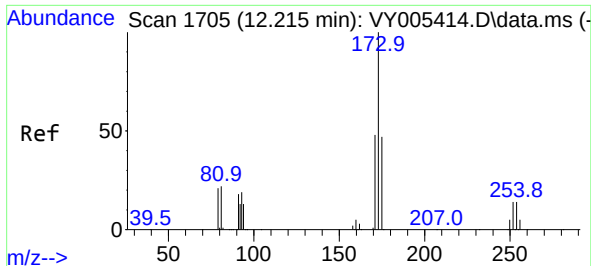
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#70  
Styrene  
Concen: 53.745 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion:104 Resp: 457867  
Ion Ratio Lower Upper  
104 100  
78 49.8 39.8 59.8  
103 55.2 44.2 66.2





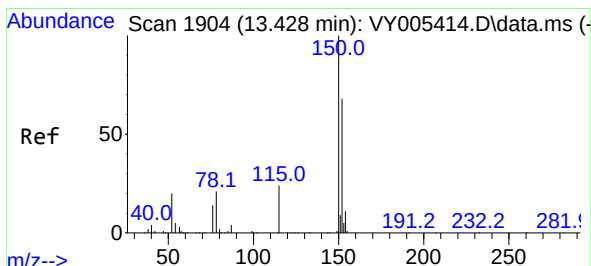
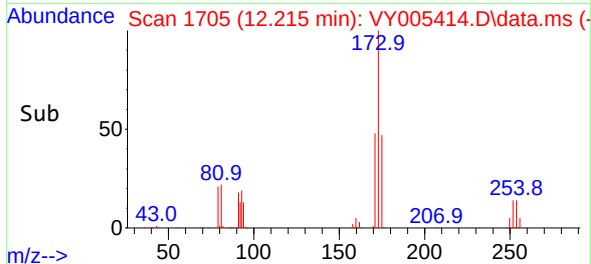
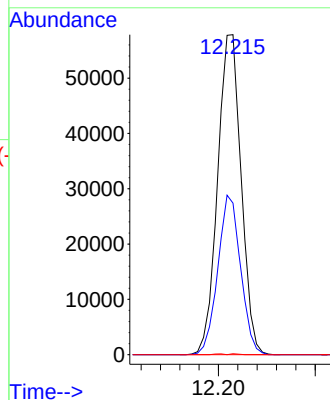
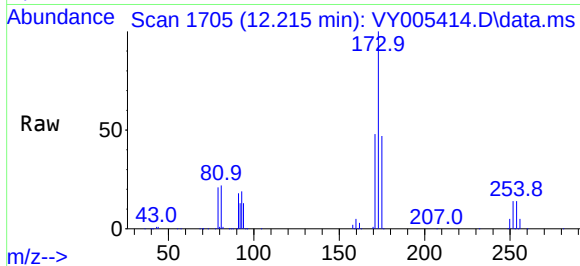
#71  
Bromoform  
Concen: 54.785 ug/l  
RT: 12.215 min Scan# 1705  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion:173 Resp: 97563  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.1 72.4  
254 0.1 0.1 0.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

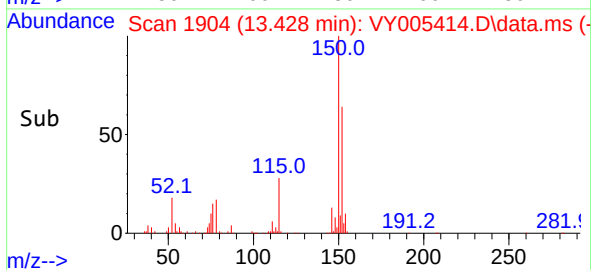
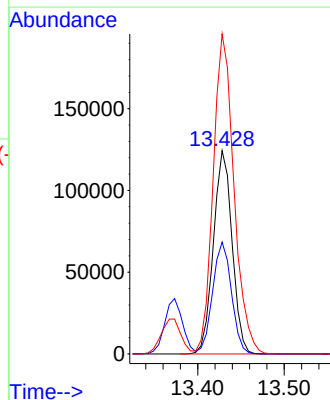
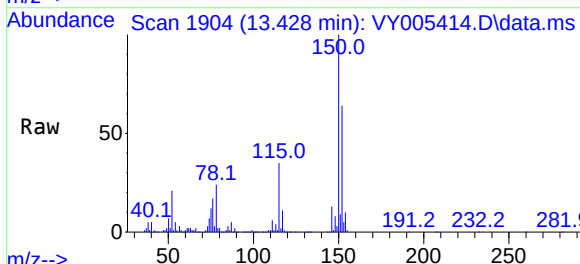
Manual Integrations  
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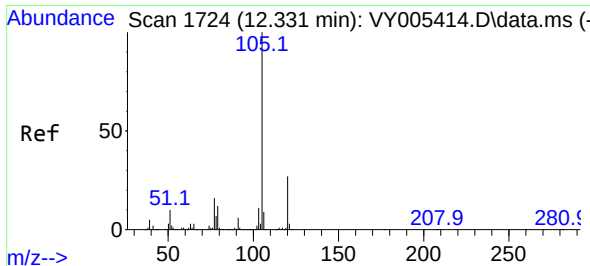


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion:152 Resp: 186426  
Ion Ratio Lower Upper  
152 100  
115 55.4 27.7 83.1  
150 174.8 0.0 349.6

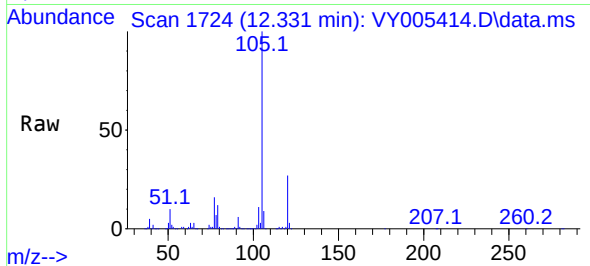






#73  
Isopropylbenzene  
Concen: 53.561 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

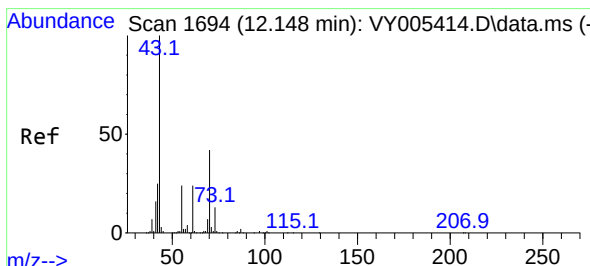
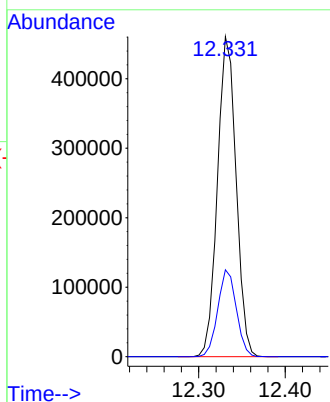
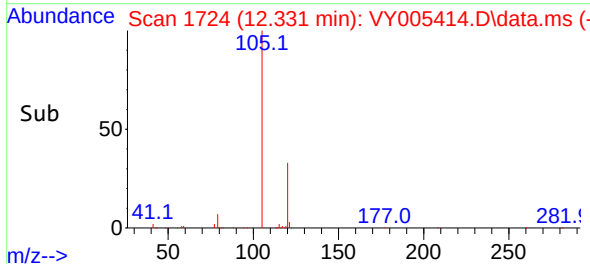
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



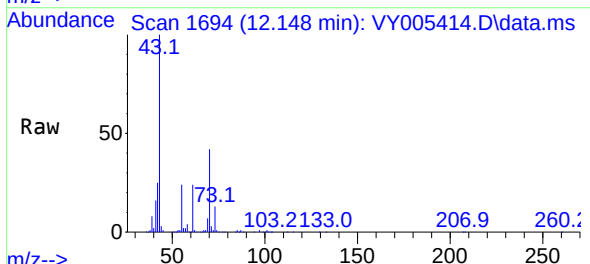
Tgt Ion:105 Resp: 688576  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.5 40.5

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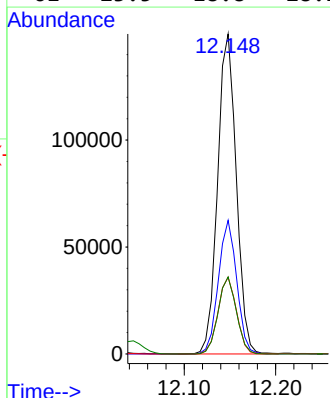
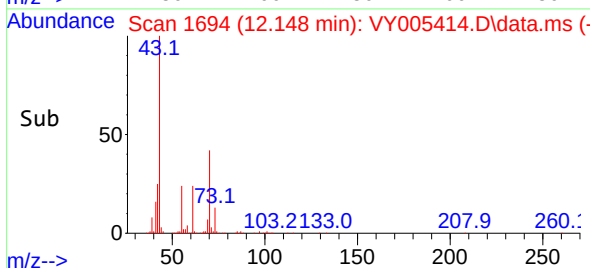
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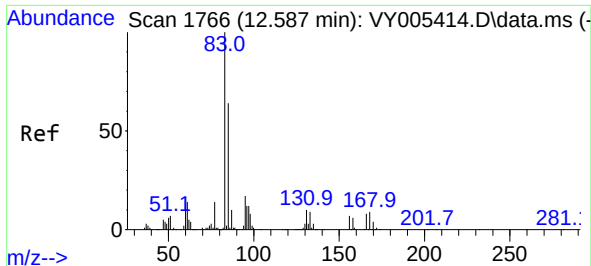


#74  
N-ethyl acetate  
Concen: 54.331 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



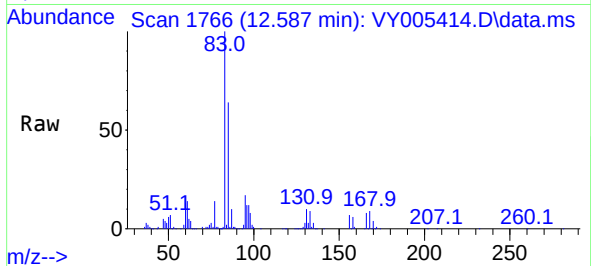
Tgt Ion: 43 Resp: 212656  
Ion Ratio Lower Upper  
43 100  
70 41.1 32.9 49.3  
55 23.9 19.1 28.7  
61 23.5 18.8 28.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.686 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

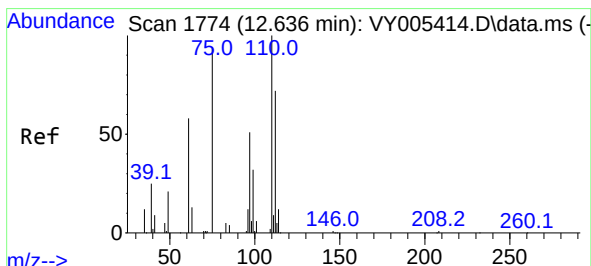
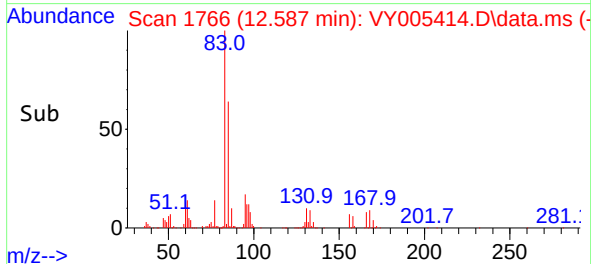
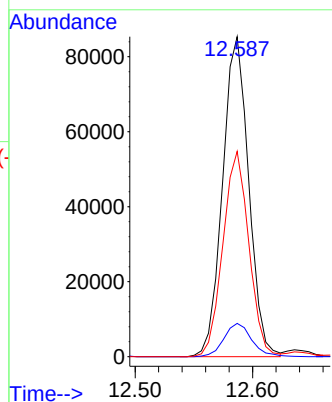
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



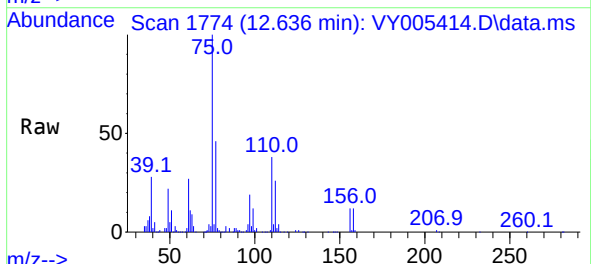
Tgt Ion: 83 Resp: 131776  
Ion Ratio Lower Upper  
83 100  
131 11.1 5.5 16.7  
85 63.9 31.9 95.9

Manual Integrations  
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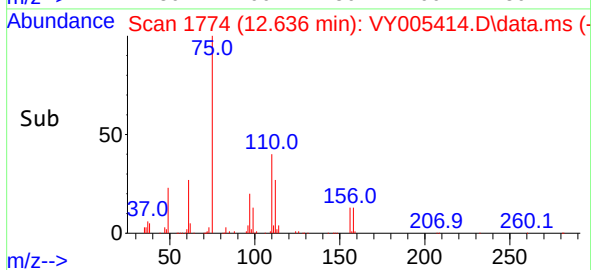
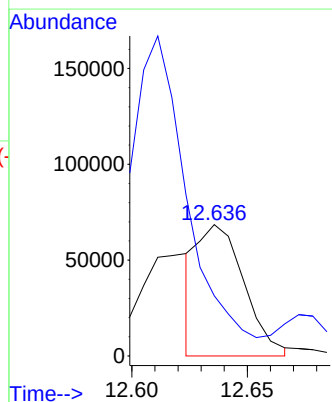
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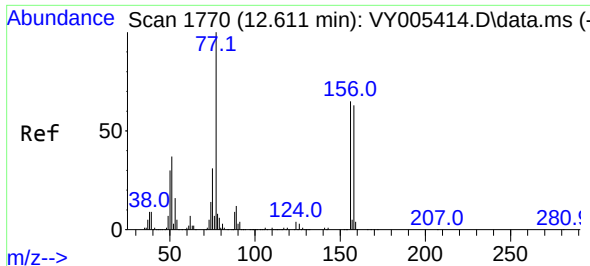


#76  
1,2,3-Trichloropropane  
Concen: 70.235 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



Tgt Ion: 75 Resp: 96635  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77  
Bromobenzene  
Concen: 54.074 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

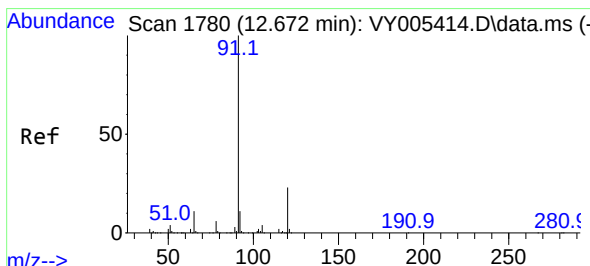
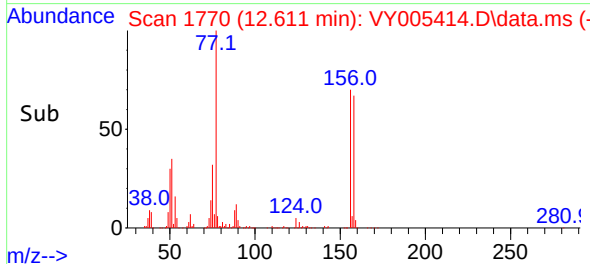
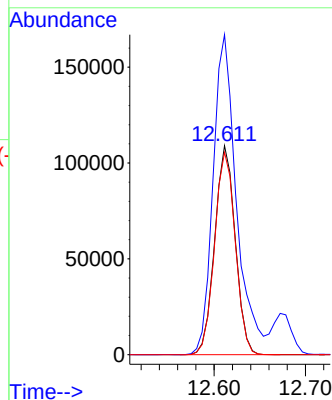
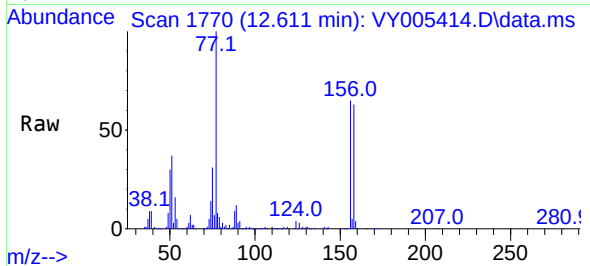
Tgt Ion: 156 Resp: 170238  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 173.8 | 86.9  | 260.7 |
| 158 | 97.7  | 48.9  | 146.6 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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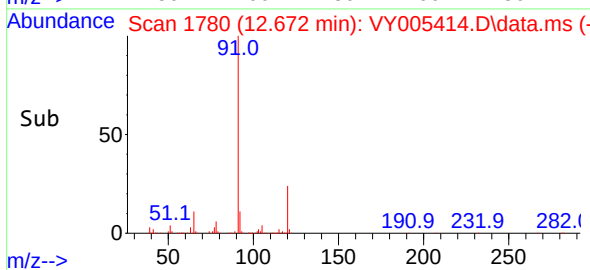
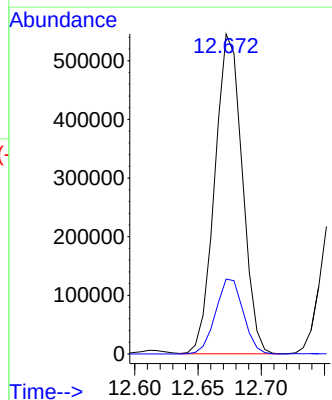
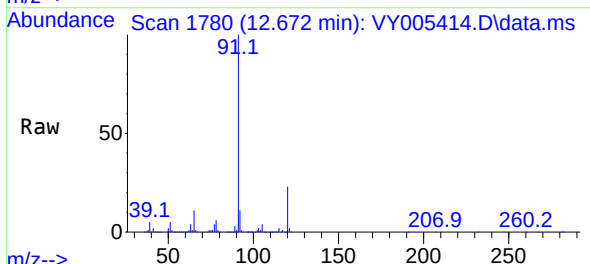
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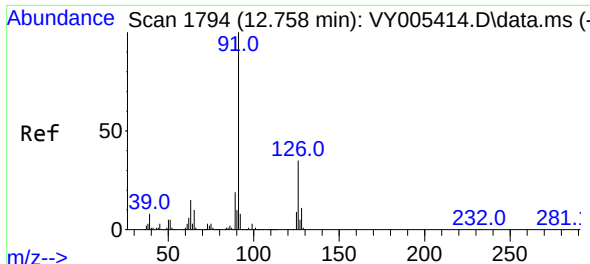


#78  
n-propylbenzene  
Concen: 53.002 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 91 Resp: 822088  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 23.6  | 11.8  | 35.4  |





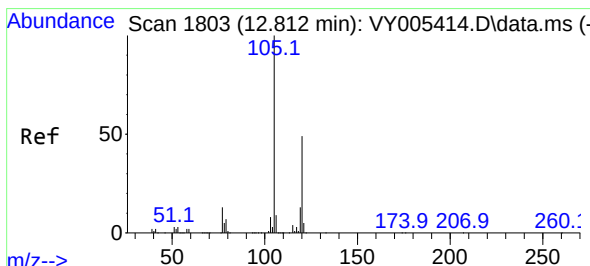
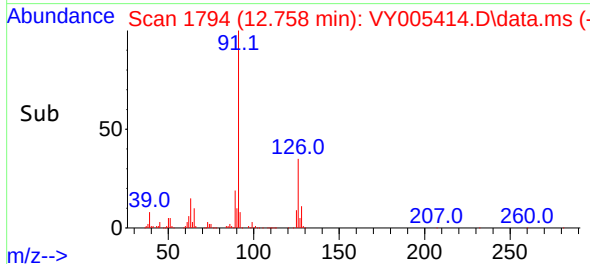
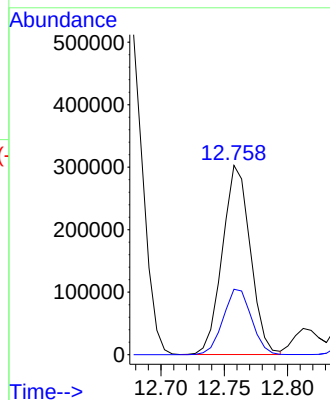
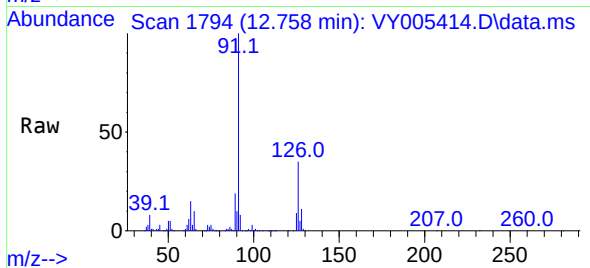
#79  
2-Chlorotoluene  
Concen: 53.441 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 91 Resp: 465596  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.5 52.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

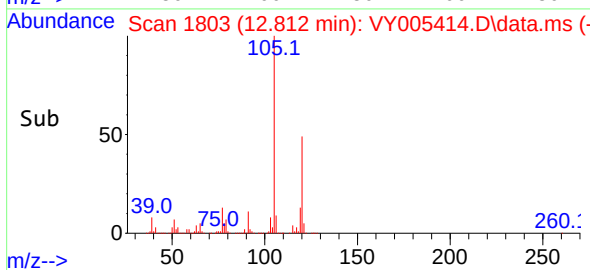
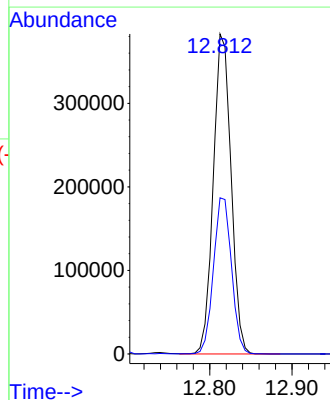
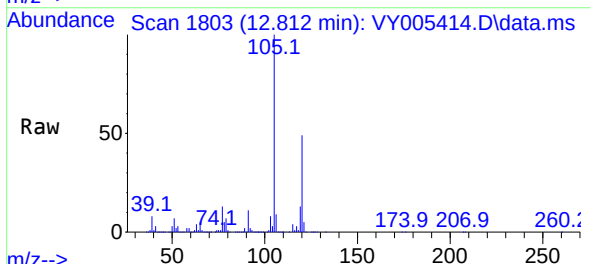
Manual Integrations  
APPROVED

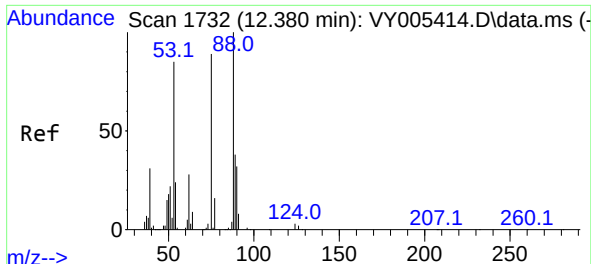
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#80  
1,3,5-Trimethylbenzene  
Concen: 53.524 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 105 Resp: 574738  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.8 74.3





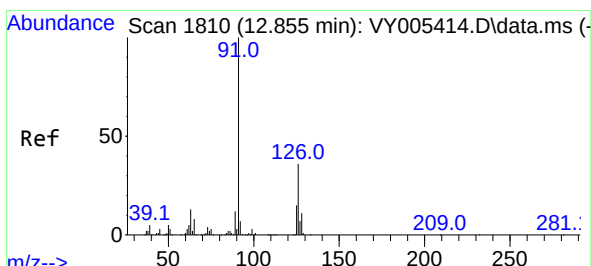
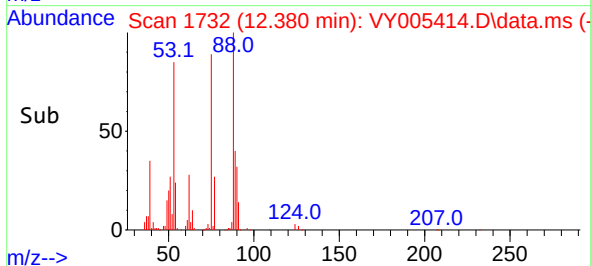
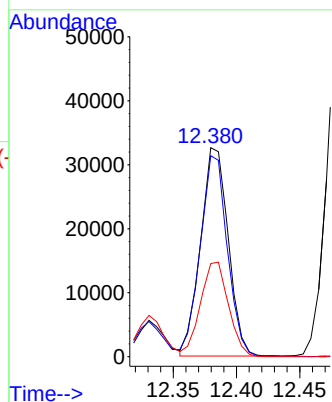
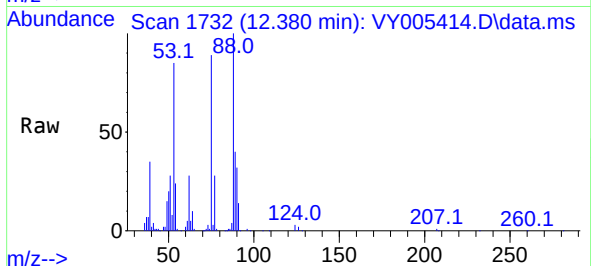
#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.504 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion: 75 Resp: 49602  
Ion Ratio Lower Upper  
75 100  
53 95.1 76.1 114.1  
89 46.1 36.9 55.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

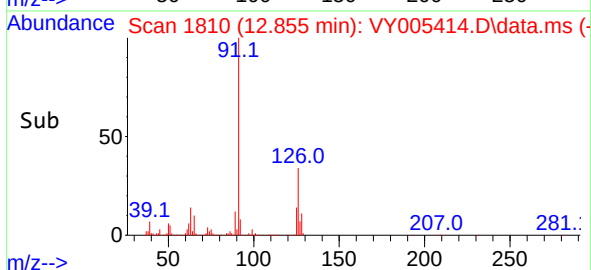
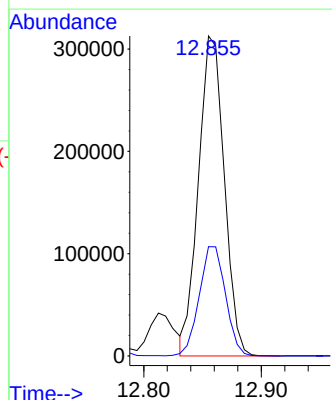
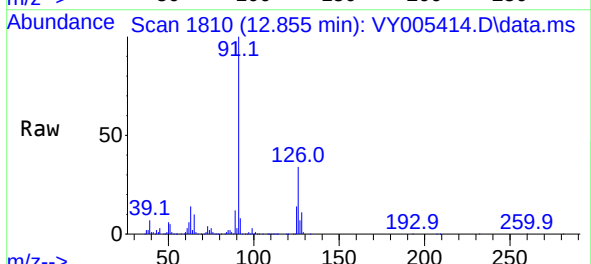
Manual Integrations  
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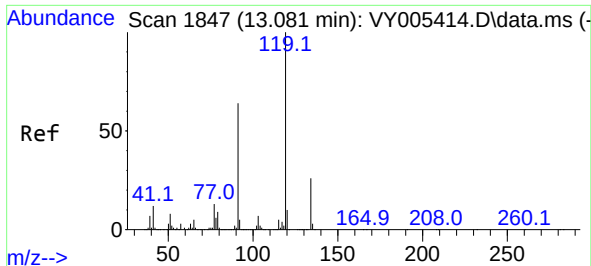
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#82  
4-Chlorotoluene  
Concen: 52.884 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

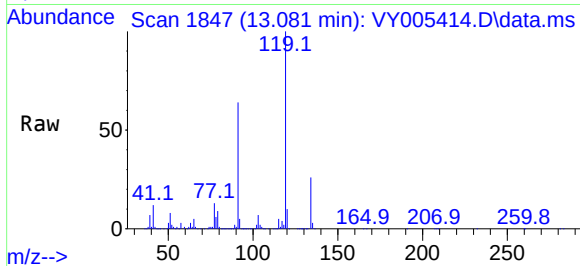
Tgt Ion: 91 Resp: 476873  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.4 52.3





#83  
tert-Butylbenzene  
Concen: 53.214 ug/l  
RT: 13.081 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

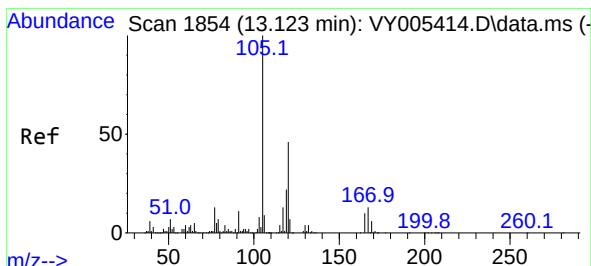
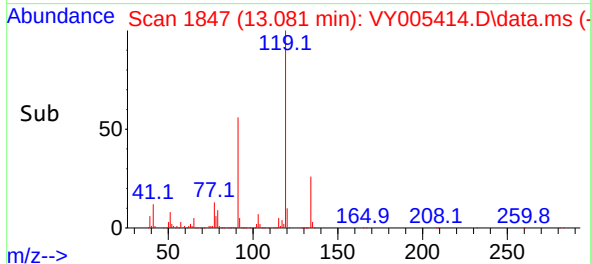
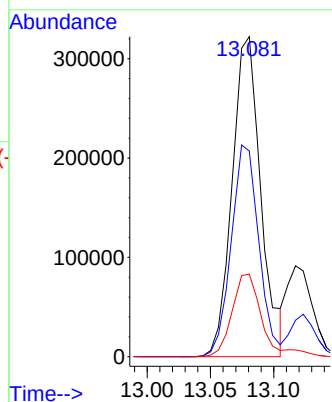
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



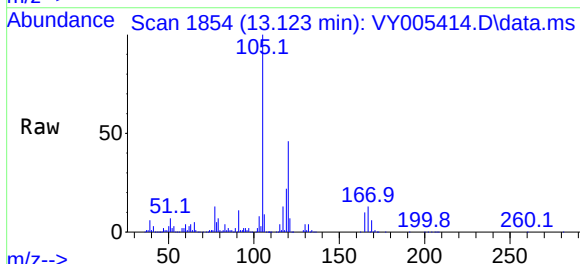
Tgt Ion:119 Resp: 508968  
Ion Ratio Lower Upper  
119 100  
91 63.7 31.9 95.5  
134 26.9 13.5 40.4

Manual Integrations  
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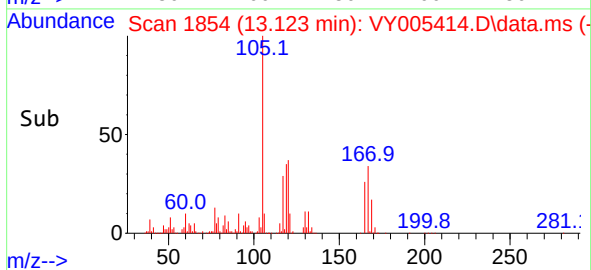
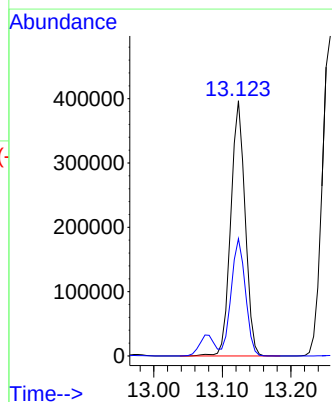
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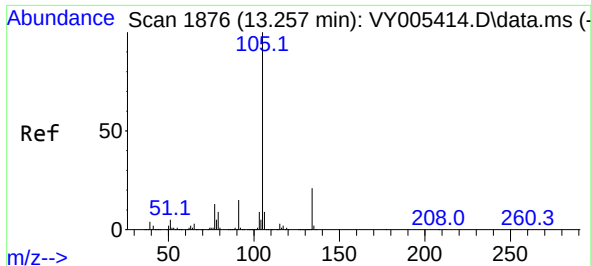


#84  
1,2,4-Trimethylbenzene  
Concen: 53.404 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



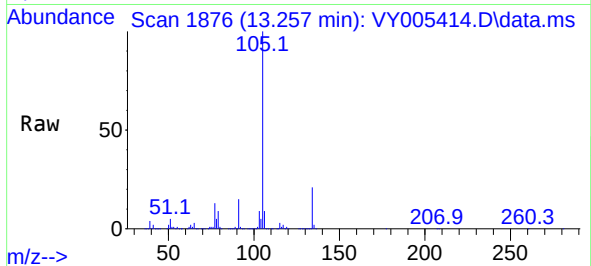
Tgt Ion:105 Resp: 575174  
Ion Ratio Lower Upper  
105 100  
120 45.9 22.9 68.8





#85  
 sec-Butylbenzene  
 Concen: 52.931 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY005414.D  
 Acq: 22 Jul 2021 16:12

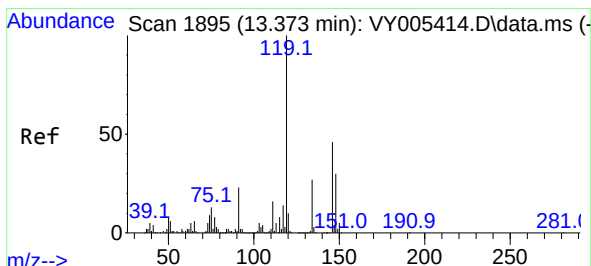
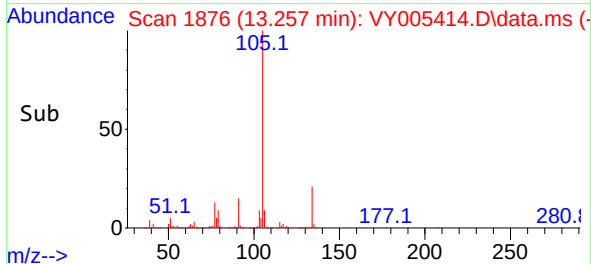
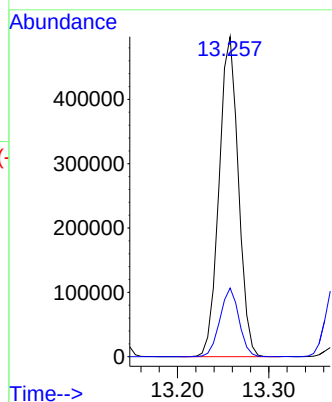
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050



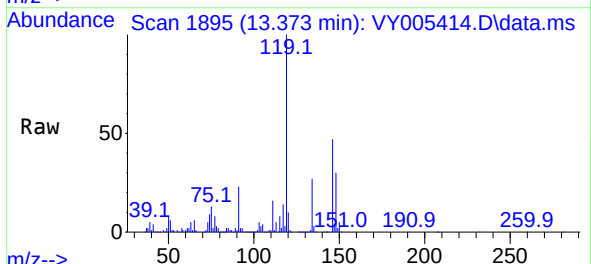
Tgt Ion:105 Resp: 730226  
 Ion Ratio Lower Upper  
 105 100  
 134 21.1 10.5 31.6

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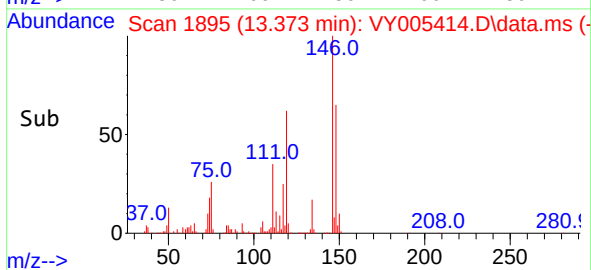
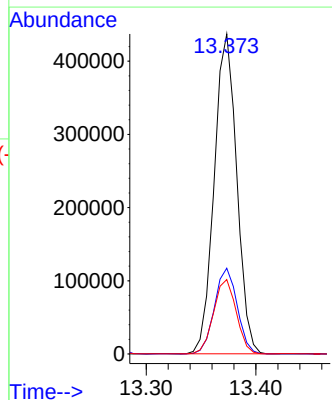
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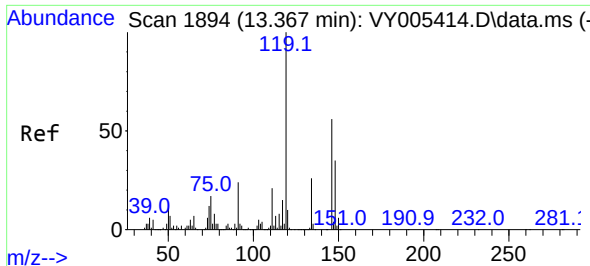


#86  
 p-Isopropyltoluene  
 Concen: 52.574 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY005414.D  
 Acq: 22 Jul 2021 16:12



Tgt Ion:119 Resp: 624492  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.5 40.5  
 91 23.4 11.7 35.1





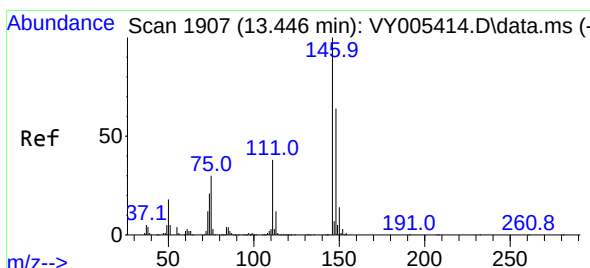
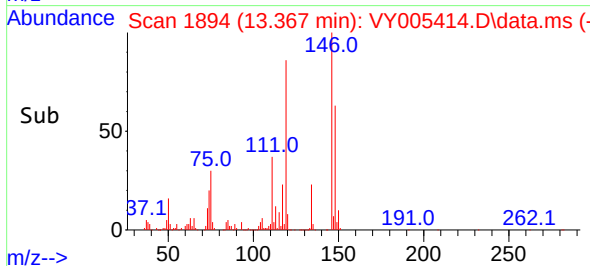
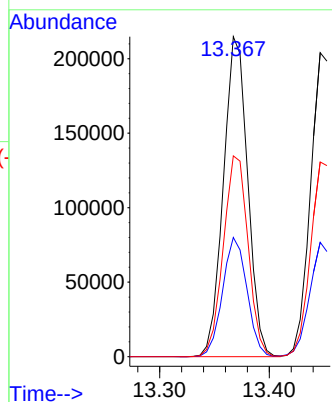
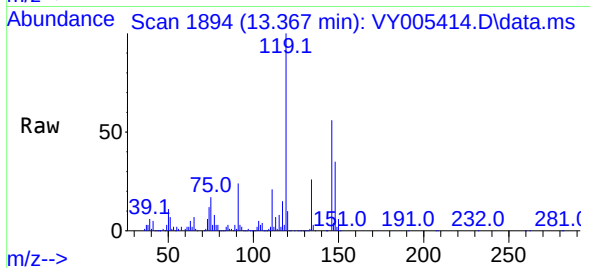
#87  
1,3-Dichlorobenzene  
Concen: 53.569 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion:146 Resp: 330759  
Ion Ratio Lower Upper  
146 100  
111 37.4 18.7 56.1  
148 64.0 32.0 96.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

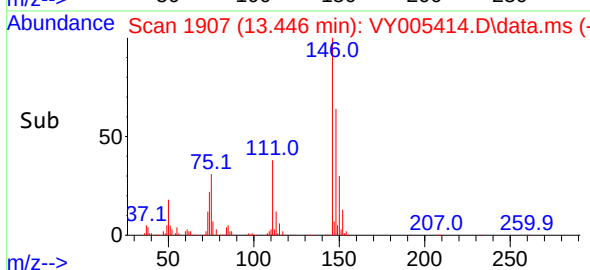
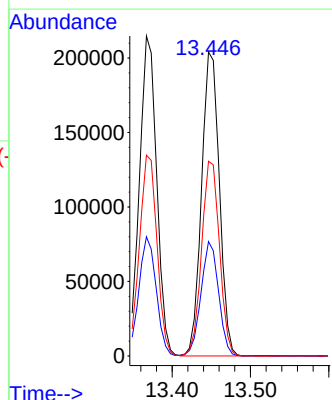
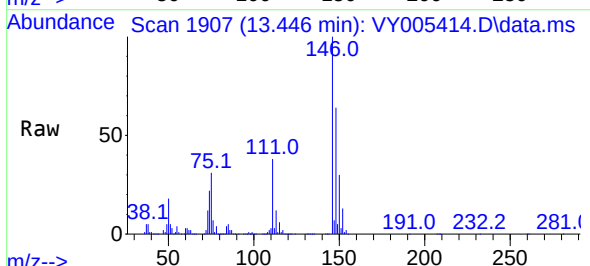
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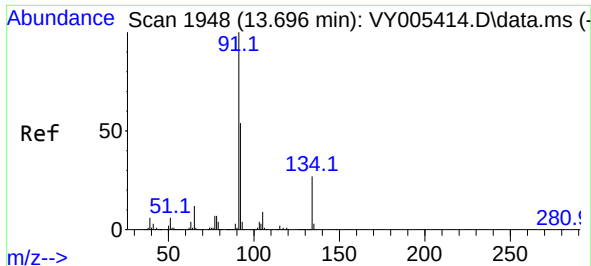


#88  
1,4-Dichlorobenzene  
Concen: 52.613 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

Tgt Ion:146 Resp: 321881  
Ion Ratio Lower Upper  
146 100  
111 37.2 18.6 55.8  
148 64.3 32.1 96.5

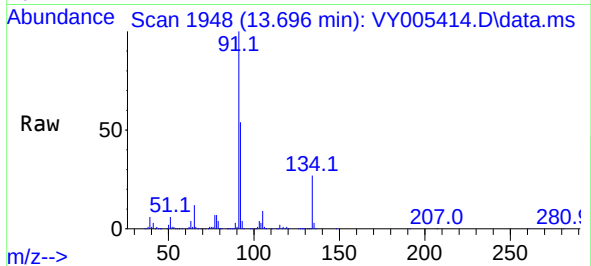






#89  
n-Butylbenzene  
Concen: 52.064 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

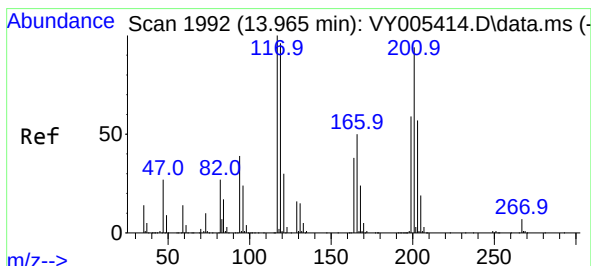
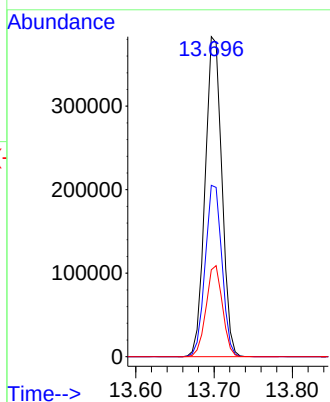
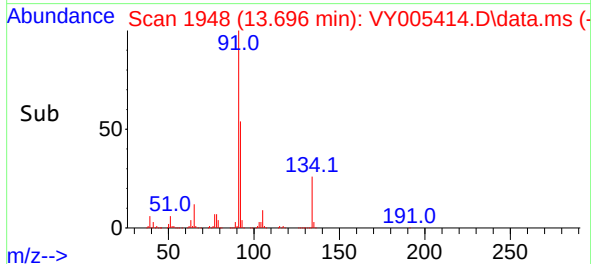
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ClientSampleId :  
VSTDICCC050



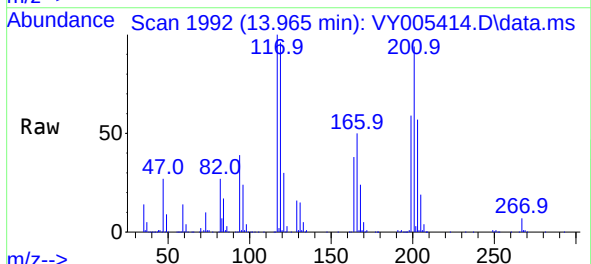
Tgt Ion: 91 Resp: 567655  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.8 80.3  
134 27.9 14.0 41.9

Manual Integrations  
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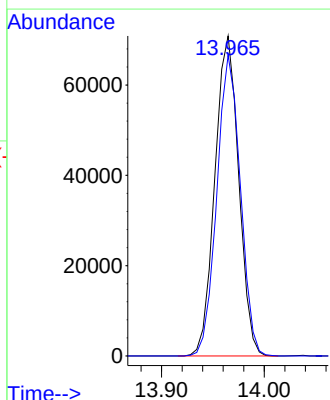
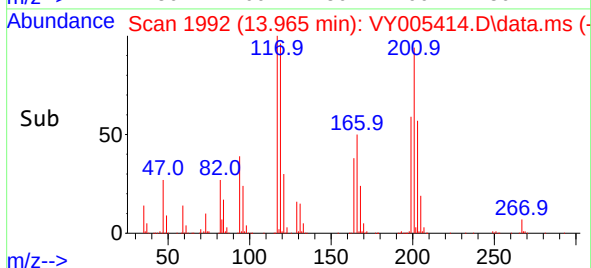
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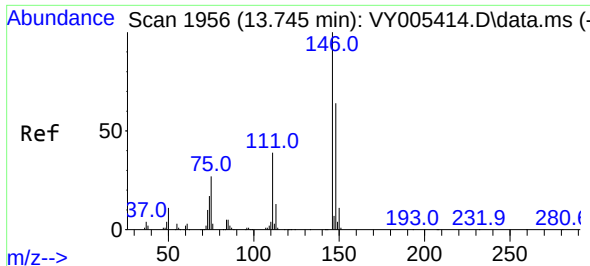


#90  
Hexachloroethane  
Concen: 53.319 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



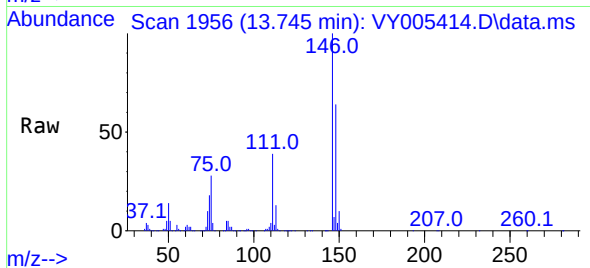
Tgt Ion: 117 Resp: 113845  
Ion Ratio Lower Upper  
117 100  
201 92.8 46.4 139.2





#91  
1,2-Dichlorobenzene  
Concen: 53.098 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

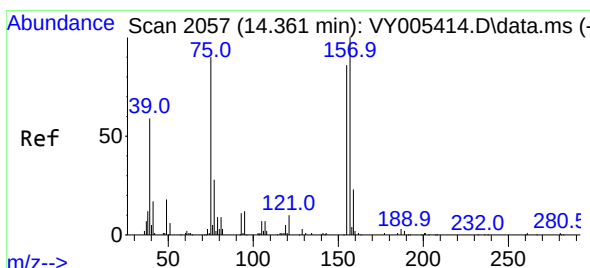
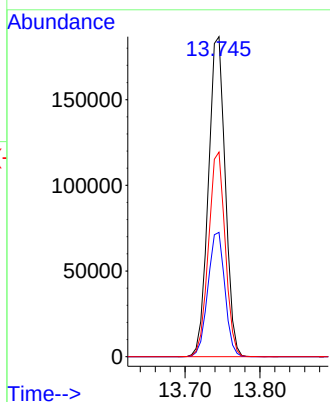
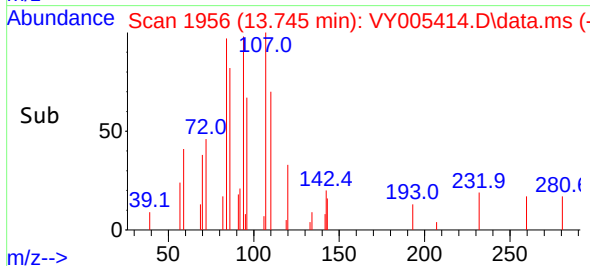
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



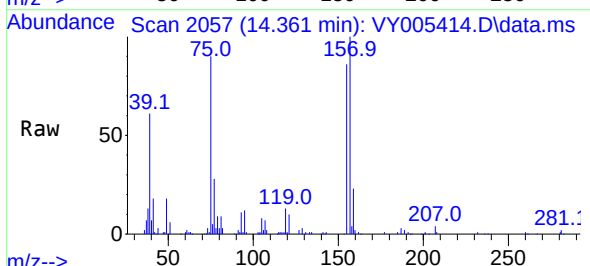
Tgt Ion:146 Resp: 292762  
Ion Ratio Lower Upper  
146 100  
111 39.1 19.6 58.7  
148 63.4 31.7 95.1

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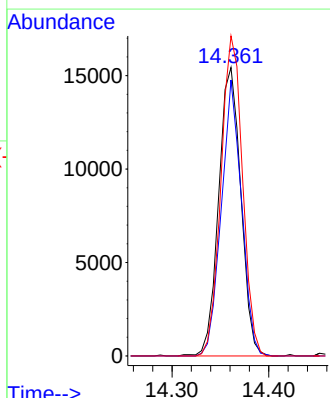
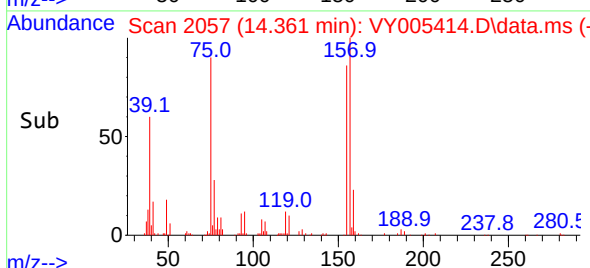
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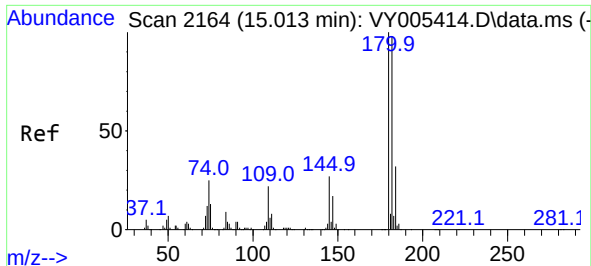


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.485 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



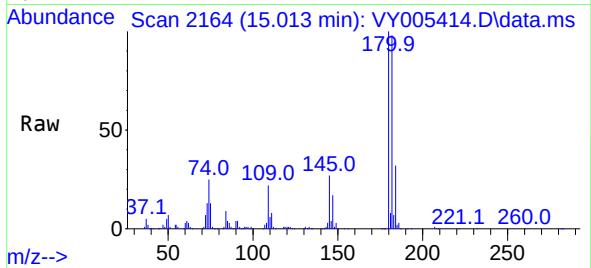
Tgt Ion: 75 Resp: 24506  
Ion Ratio Lower Upper  
75 100  
155 87.2 43.6 130.8  
157 108.2 54.1 162.3





#93  
1,2,4-Trichlorobenzene  
Concen: 51.819 ug/l  
RT: 15.013 min Scan# 2164  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

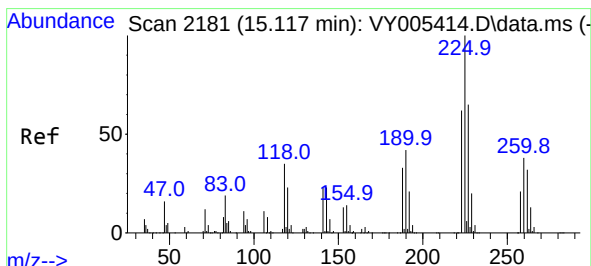
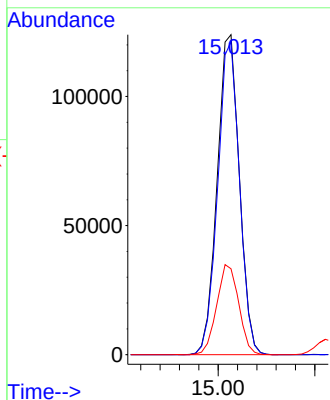
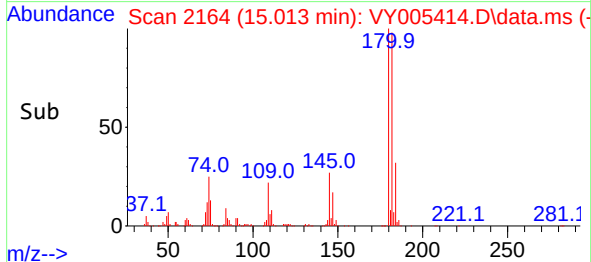
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



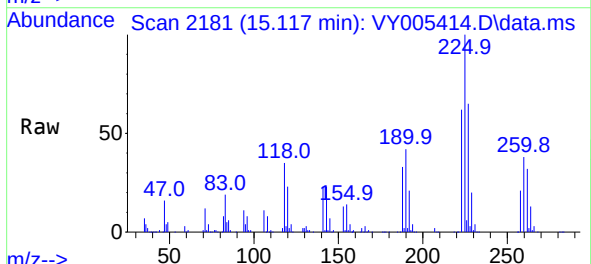
Tgt Ion:180 Resp: 197134  
Ion Ratio Lower Upper  
180 100  
182 96.0 48.0 144.0  
145 27.9 14.0 41.9

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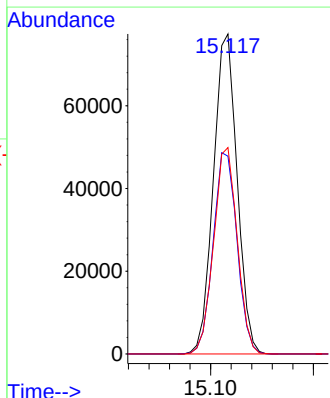
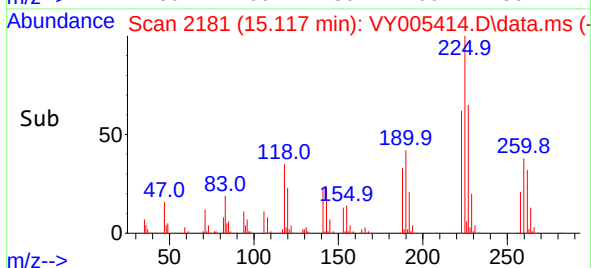
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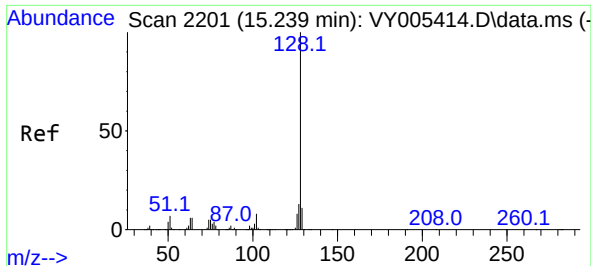


#94  
Hexachlorobutadiene  
Concen: 51.297 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12

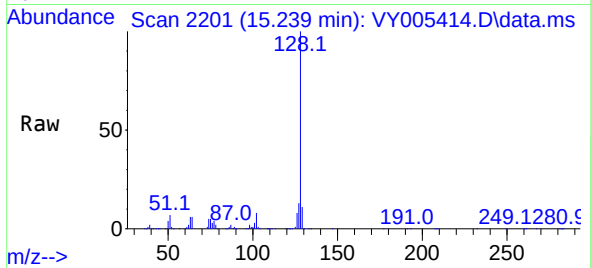


Tgt Ion:225 Resp: 123679  
Ion Ratio Lower Upper  
225 100  
223 63.6 31.8 95.4  
227 64.2 32.1 96.3

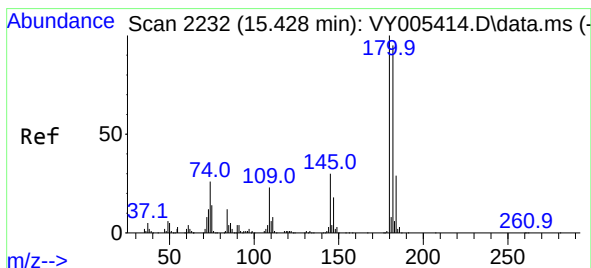
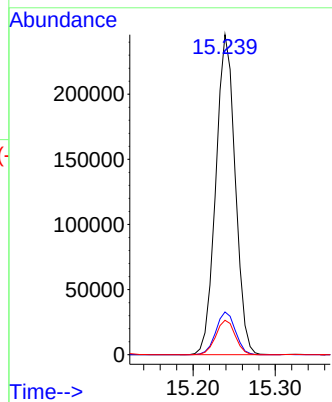
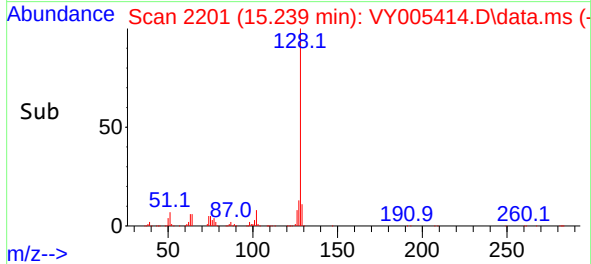




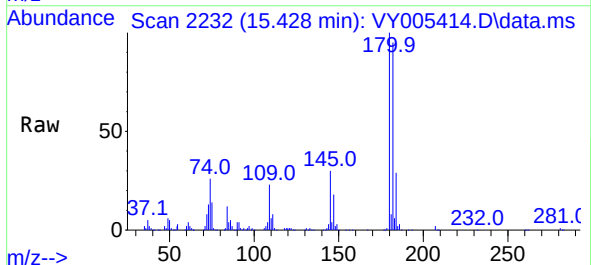
#95  
Naphthalene  
Concen: 52.690 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



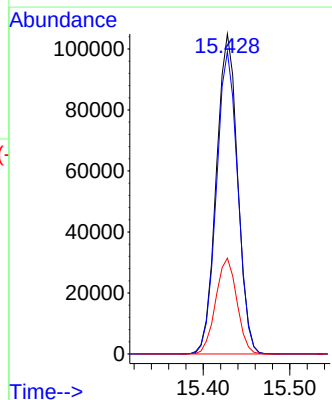
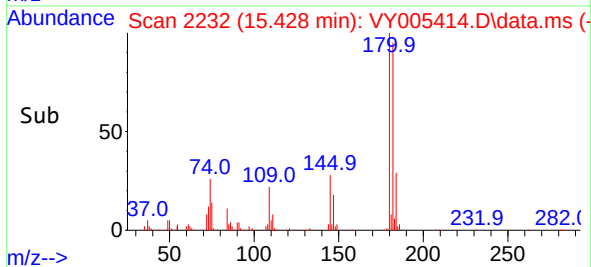
Tgt Ion:128 Resp: 403214  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.7 16.1  
129 10.8 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 52.218 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY005414.D  
Acq: 22 Jul 2021 16:12



Tgt Ion:180 Resp: 179055  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.3 141.9  
145 29.7 14.9 44.5



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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