

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121523\  
 Data File : VW027716.D  
 Acq On : 17 Dec 2023 02:25  
 Operator : SY/MD  
 Sample : VSTDCCC025E  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 17 03:42:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sun Dec 17 01:25:09 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 382453   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 339065   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 175376   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.357  | 65    | 102263   | 18.880   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.520%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 85231    | 20.210   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.840%  |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 42936    | 19.793   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 79.160%  |
| 21) 2-Butanone-d5             | 7.094  | 46    | 33420    | 36.234   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 72.460%  |
| 24) Chloroform-d              | 7.648  | 84    | 206848   | 22.729   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 90.920%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 92613    | 21.674   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 86.680%  |
| 32) Benzene-d6                | 8.270  | 84    | 441859   | 22.298   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 89.200%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 124352   | 22.150   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.600%  |
| 41) Toluene-d8                | 10.319 | 98    | 416586   | 22.659   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 90.640%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 45593    | 20.976   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.920%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 30890    | 37.757   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 75.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 86229    | 20.310   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 81.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 134772   | 21.468   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 85.880%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.021  | 85    | 91639    | 20.586   | ug/L   | 97       |
| 3) Chloromethane              | 2.216  | 50    | 120970   | 23.072   | ug/L   | 98       |
| 5) Vinyl chloride             | 2.369  | 62    | 137187   | 21.993   | ug/L   | 97       |
| 6) Bromomethane               | 2.783  | 94    | 93473    | 23.543   | ug/L   | 91       |
| 8) Chloroethane               | 2.930  | 64    | 86529    | 23.201   | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 3.265  | 101   | 125232   | 22.229   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.070  | 101   | 107174   | 22.395   | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 4.039  | 96    | 110335   | 23.552   | ug/L   | 98       |
| 13) Acetone                   | 4.167  | 43    | 25645    | 30.629   | ug/L   | 95       |
| 14) Carbon disulfide          | 4.381  | 76    | 357082   | 22.689   | ug/L   | 99       |
| 15) Methyl Acetate            | 4.685  | 43    | 29093    | 19.233   | ug/L   | 97       |
| 16) Methylene chloride        | 4.917  | 84    | 123726   | 20.632   | ug/L   | 95       |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96    | 119742   | 24.172   | ug/L   | 98       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73    | 153647   | 23.459   | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.216  | 63    | 205449   | 24.389   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.167  | 96    | 130110   | 24.950   | ug/L   | 98       |
| 22) 2-Butanone                | 7.185  | 43    | 38211    | 34.368   | ug/L   | 98       |
| 23) Bromochloromethane        | 7.514  | 128   | 55831    | 25.354   | ug/L   | 98       |
| 25) Chloroform                | 7.679  | 83    | 208098   | 25.084   | ug/L   | 95       |

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 Sample : VSTDCCC025E  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 39 Sample Multiplier: 1

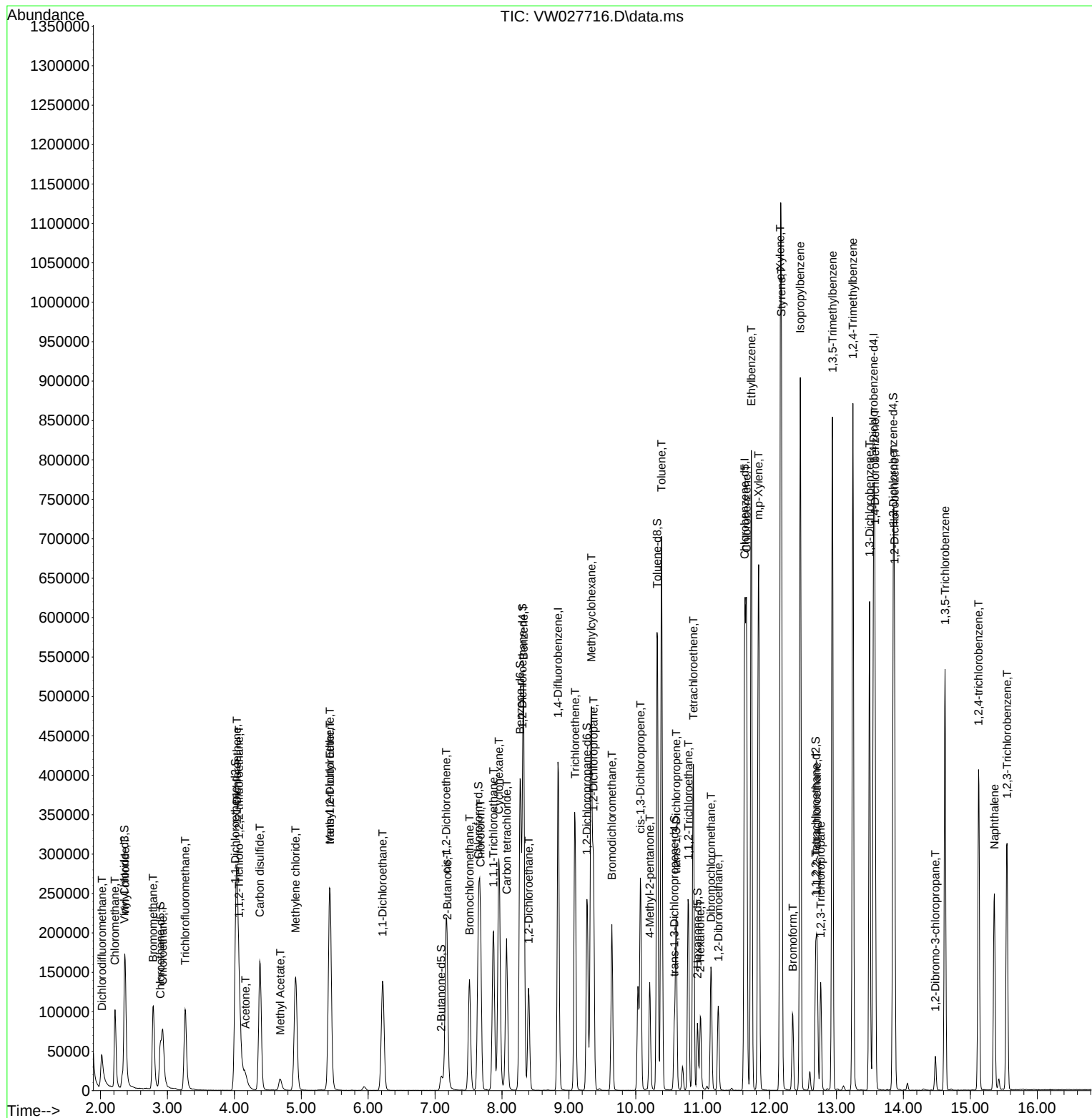
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sun Dec 17 01:25:09 2023  
 Response via : Initial Calibration

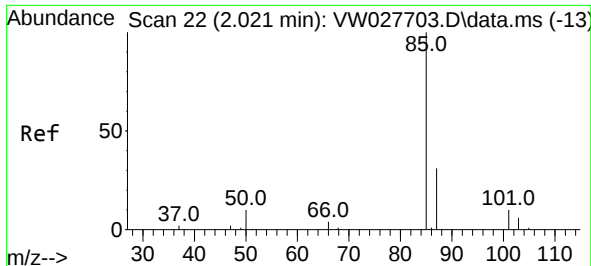
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 117904   | 24.241 | ug/L  | 98       |
| 29) Cyclohexane               | 7.953  | 56   | 174548   | 21.757 | ug/L  | 97       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 168089   | 23.733 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 146245   | 23.463 | ug/L  | 98       |
| 33) Benzene                   | 8.325  | 78   | 486783   | 24.766 | ug/L  | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 129443   | 24.160 | ug/L  | 96       |
| 35) Methylcyclohexane         | 9.337  | 83   | 218962   | 22.659 | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 116183   | 24.487 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.642  | 83   | 142474   | 24.705 | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75   | 170087   | 23.520 | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 84284    | 40.644 | ug/L  | 99       |
| 42) Toluene                   | 10.386 | 91   | 536032   | 25.346 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 131030   | 23.008 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 82733    | 23.552 | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.861 | 164  | 99186    | 23.184 | ug/L  | 89       |
| 48) 2-Hexanone                | 10.965 | 43   | 56115    | 36.355 | ug/L  | 99       |
| 49) Dibromochloromethane      | 11.123 | 129  | 87769    | 23.889 | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 74943    | 22.450 | ug/L  | 95       |
| 51) Chlorobenzene             | 11.654 | 112  | 334282   | 24.740 | ug/L  | 90       |
| 52) Ethylbenzene              | 11.727 | 91   | 588254   | 24.684 | ug/L  | 95       |
| 53) m,p-Xylene                | 11.837 | 106  | 231536   | 25.294 | ug/L  | 97       |
| 54) o-Xylene                  | 12.160 | 106  | 216592   | 25.410 | ug/L  | 98       |
| 55) Styrene                   | 12.178 | 104  | 370791   | 25.805 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 86020    | 21.482 | ug/L  | 99       |
| 59) Bromoform                 | 12.349 | 173  | 46912    | 21.853 | ug/L  | 97       |
| 60) Isopropylbenzene          | 12.458 | 105  | 593157   | 23.964 | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 59196    | 20.252 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 471947   | 23.852 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 470807   | 24.173 | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 249670   | 23.343 | ug/L  | 88       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 246094   | 22.906 | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 222523   | 23.925 | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 11015    | 18.864 | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 164337   | 22.082 | ug/L  | 94       |
| 70) 1,2,4-trichlorobenzene    | 15.123 | 180  | 132476   | 21.676 | ug/L  | 87       |
| 71) Naphthalene               | 15.360 | 128  | 226382   | 20.902 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 113173   | 22.148 | ug/L  | 99       |
| -----                         |        |      |          |        |       |          |

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

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ALS Vial : 39 Sample Multiplier: 1

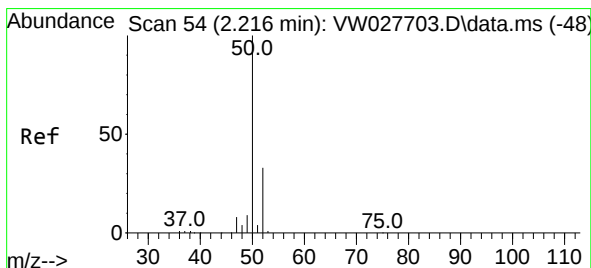
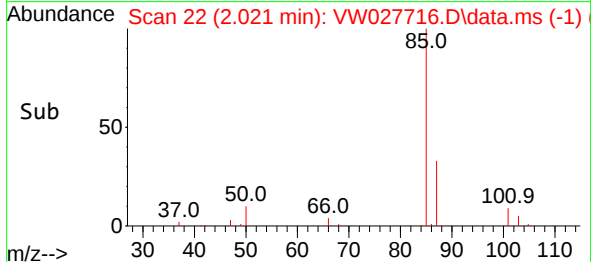
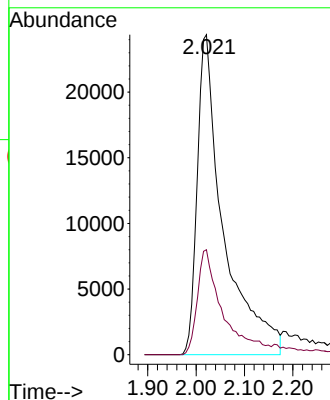
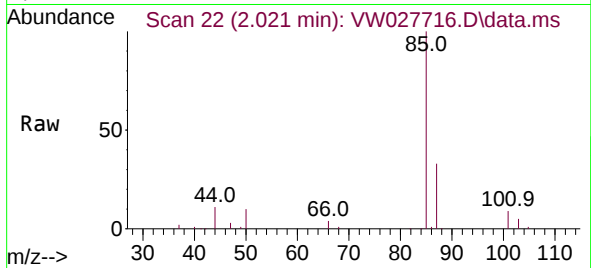
Quant Time: Dec 17 03:42:59 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121523SMA.M  
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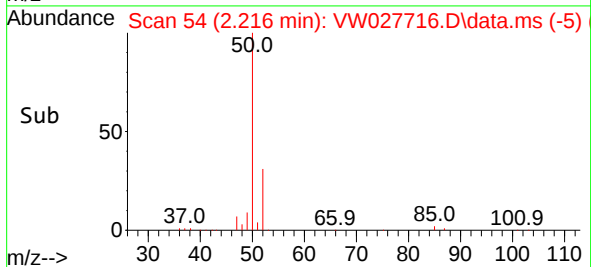
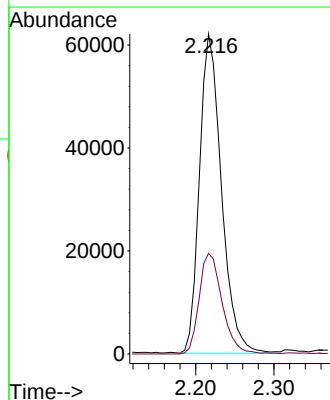
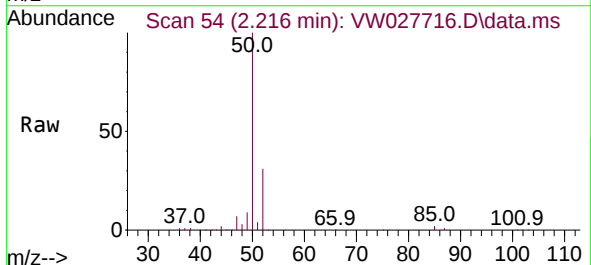
#2  
 Dichlorodifluoromethane  
 Concen: 20.586 ug/L  
 RT: 2.021 min Scan# 22  
 Delta R.T. -0.000 min  
 Lab File: VW027716.D  
 Acq: 17 Dec 2023 02:25

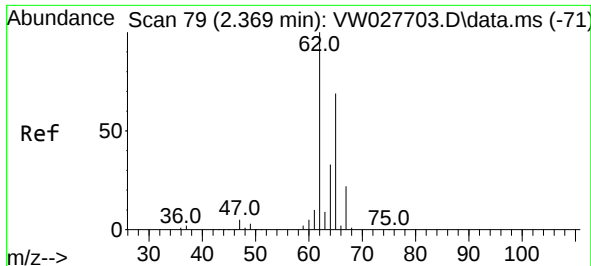
Tgt Ion: 85 Resp: 91639  
 Ion Ratio Lower Upper  
 85 100  
 87 30.4 23.2 34.8



#3  
 Chloromethane  
 Concen: 23.072 ug/L  
 RT: 2.216 min Scan# 54  
 Delta R.T. -0.000 min  
 Lab File: VW027716.D  
 Acq: 17 Dec 2023 02:25

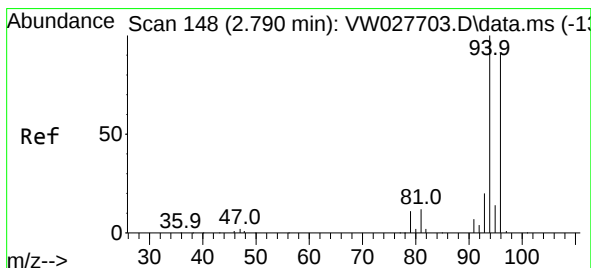
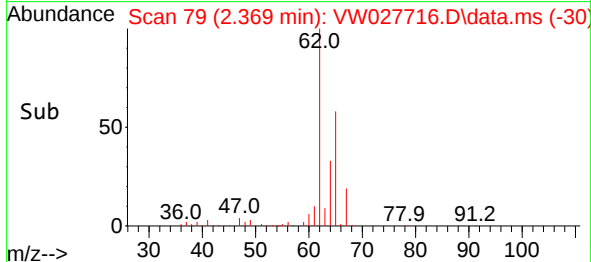
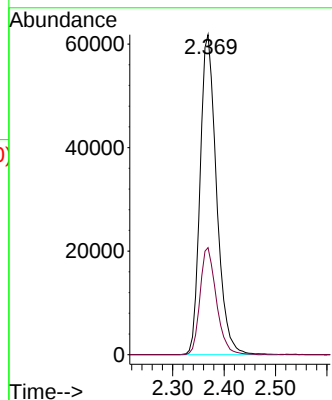
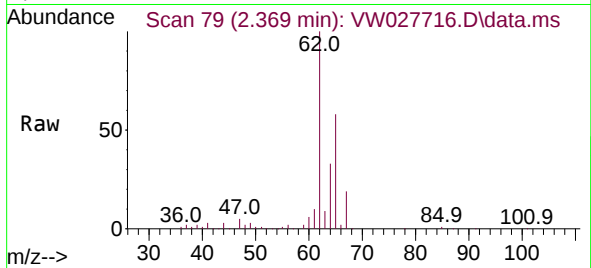
Tgt Ion: 50 Resp: 120970  
 Ion Ratio Lower Upper  
 50 100  
 52 31.4 22.8 42.4





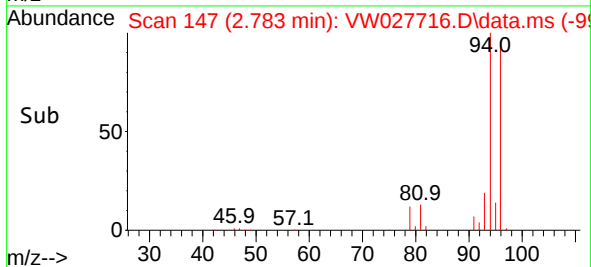
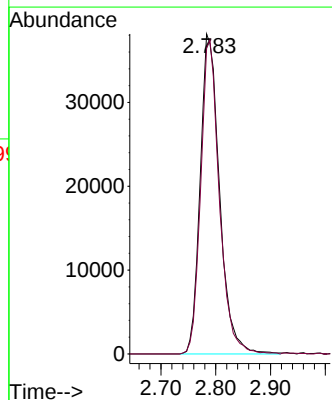
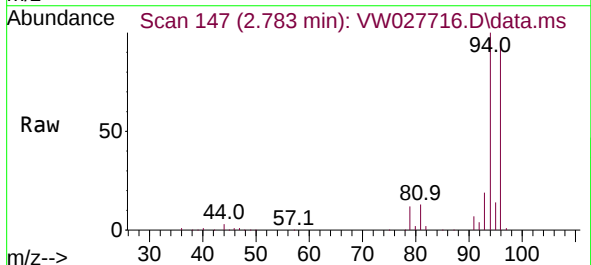
#5  
 Vinyl chloride  
 Concen: 21.993 ug/L  
 RT: 2.369 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: VW027716.D  
 Acq: 17 Dec 2023 02:25

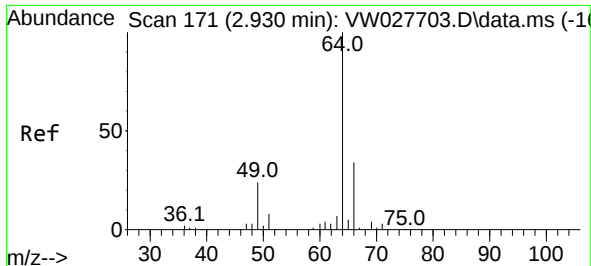
Tgt Ion: 62 Resp: 137187  
 Ion Ratio Lower Upper  
 62 100  
 64 33.5 22.2 41.2



#6  
 Bromomethane  
 Concen: 23.543 ug/L  
 RT: 2.783 min Scan# 147  
 Delta R.T. -0.006 min  
 Lab File: VW027716.D  
 Acq: 17 Dec 2023 02:25

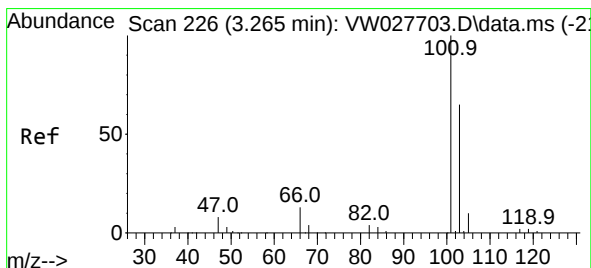
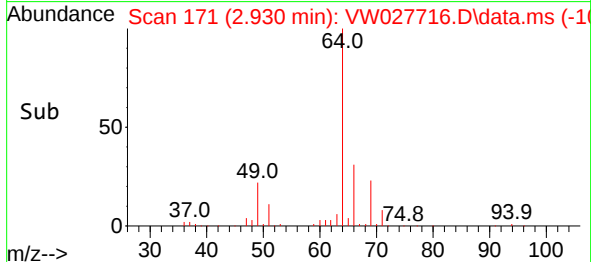
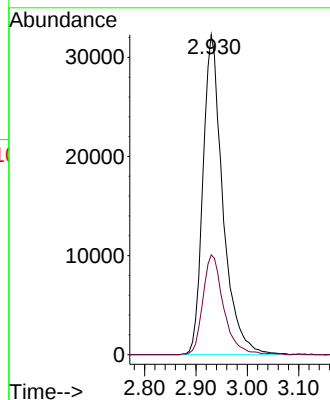
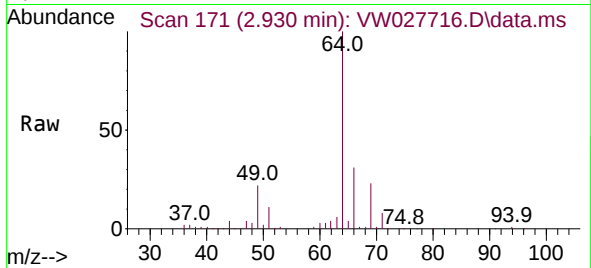
Tgt Ion: 94 Resp: 93473  
 Ion Ratio Lower Upper  
 94 100  
 96 95.6 61.2 113.8





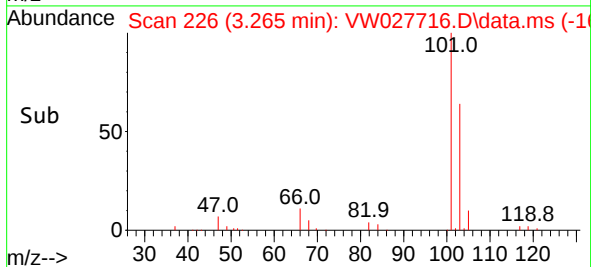
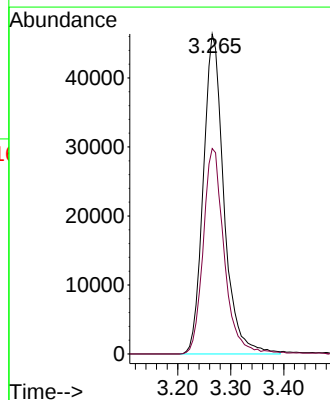
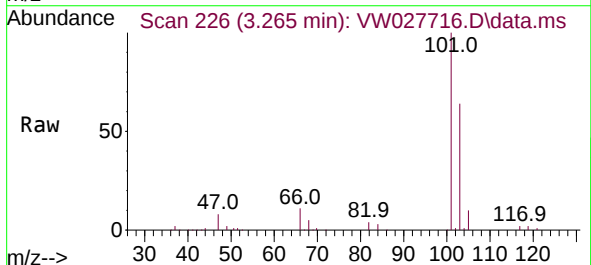
#8  
Chloroethane  
Concen: 23.201 ug/L  
RT: 2.930 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

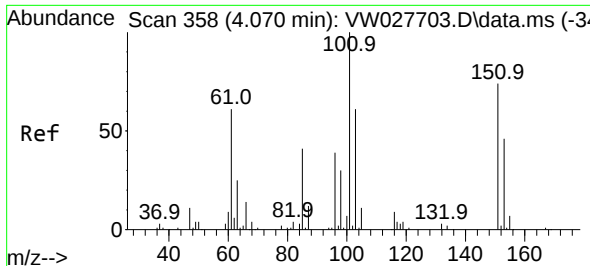
Tgt Ion: 64 Resp: 86529  
Ion Ratio Lower Upper  
64 100  
66 31.2 22.6 42.0



#9  
Trichlorofluoromethane  
Concen: 22.229 ug/L  
RT: 3.265 min Scan# 226  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

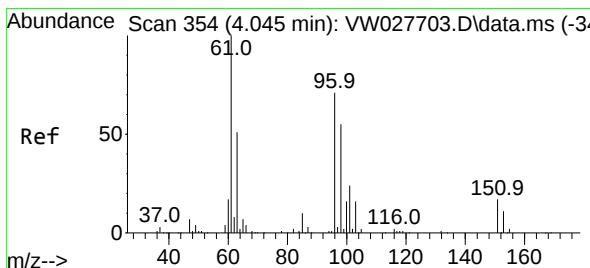
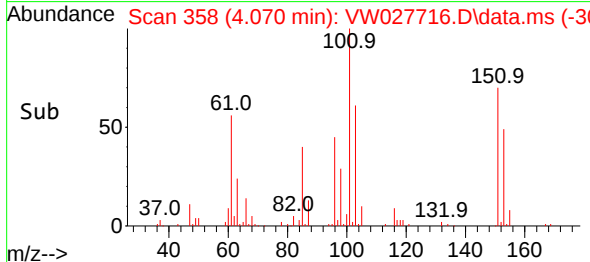
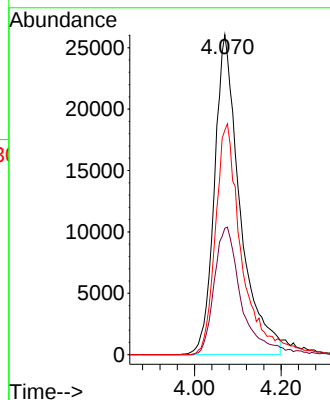
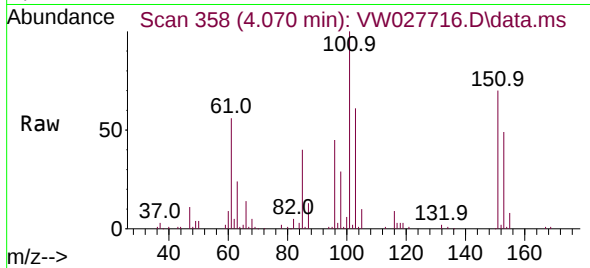
Tgt Ion:101 Resp: 125232  
Ion Ratio Lower Upper  
101 100  
103 64.6 51.1 76.7





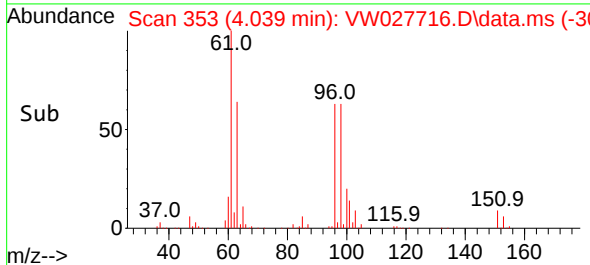
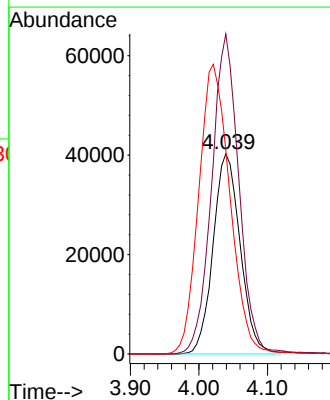
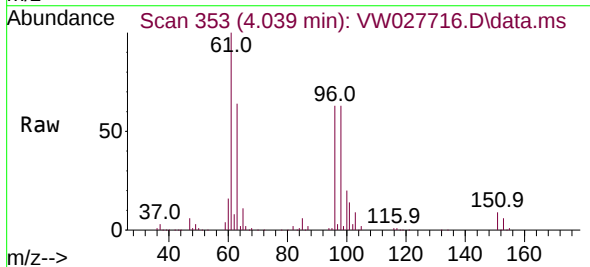
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 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 22.395 ug/L  
 RT: 4.070 min Scan# 358  
 Delta R.T. -0.000 min  
 Lab File: VW027716.D  
 Acq: 17 Dec 2023 02:25

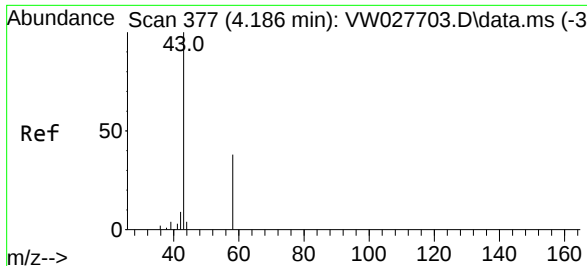
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 41.7  | 33.0  | 49.4  |
| 151     | 69.5  | 58.9  | 88.3  |



#12  
 1,1-Dichloroethene  
 Concen: 23.552 ug/L  
 RT: 4.039 min Scan# 353  
 Delta R.T. -0.006 min  
 Lab File: VW027716.D  
 Acq: 17 Dec 2023 02:25

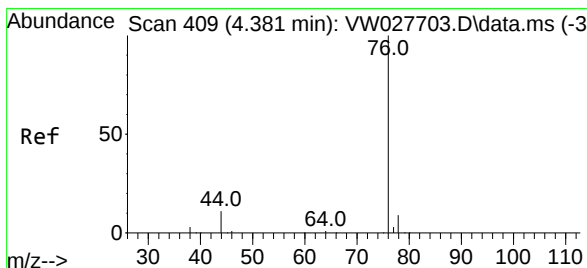
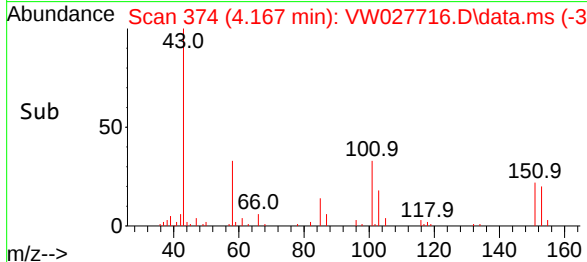
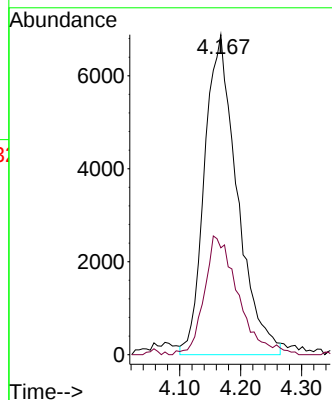
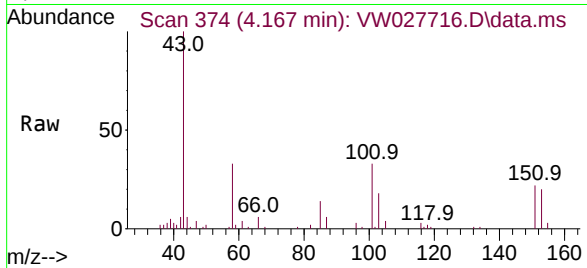
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.8 | 110.9 | 206.1 |
| 63      | 101.9 | 73.6  | 136.6 |





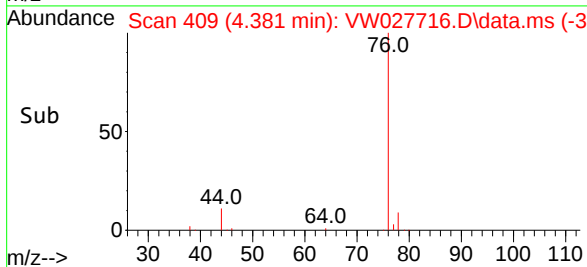
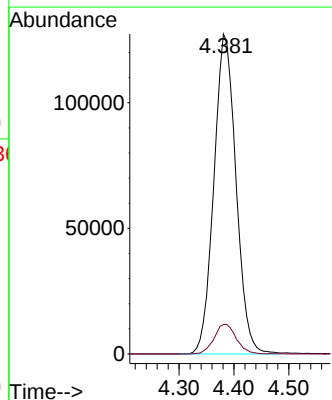
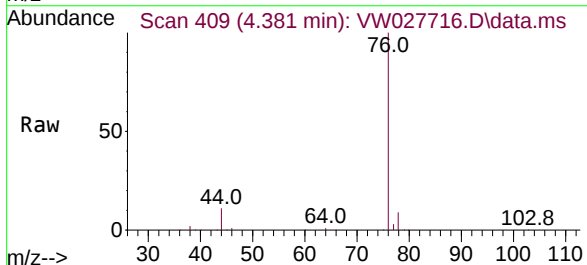
#13  
Acetone  
Concen: 30.629 ug/L  
RT: 4.167 min Scan# 374  
Delta R.T. -0.018 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

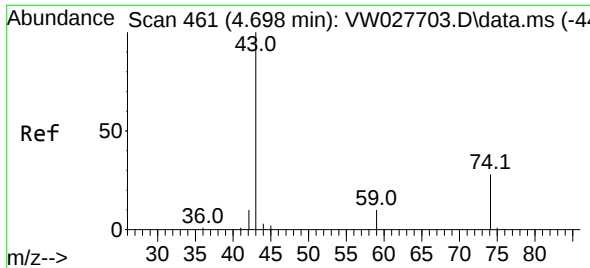
Tgt Ion: 43 Resp: 25645  
Ion Ratio Lower Upper  
43 100  
58 37.3 0.0 68.6



#14  
Carbon disulfide  
Concen: 22.689 ug/L  
RT: 4.381 min Scan# 409  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

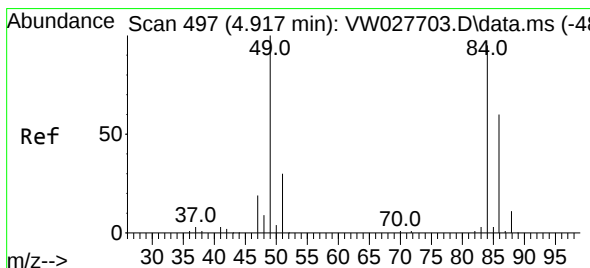
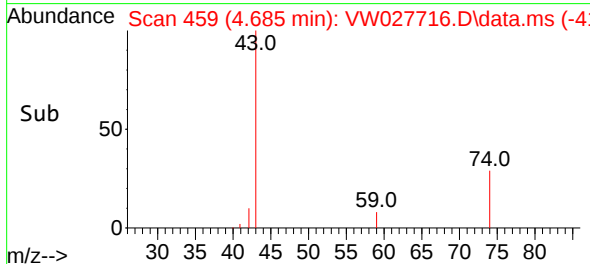
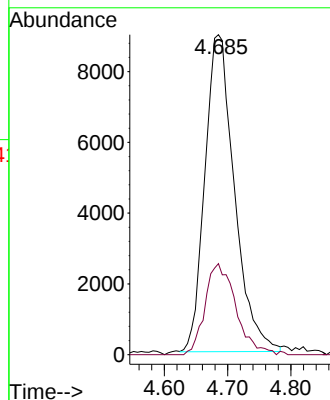
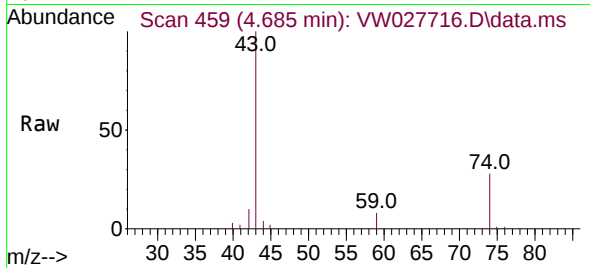
Tgt Ion: 76 Resp: 357082  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6





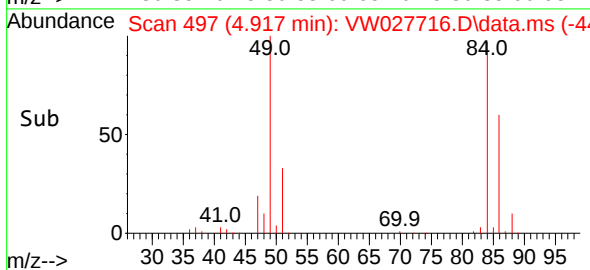
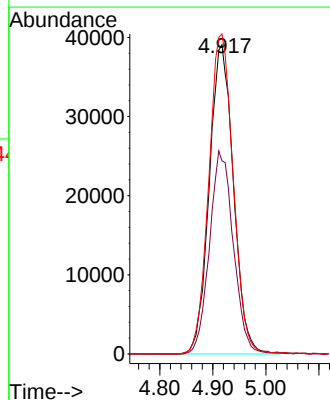
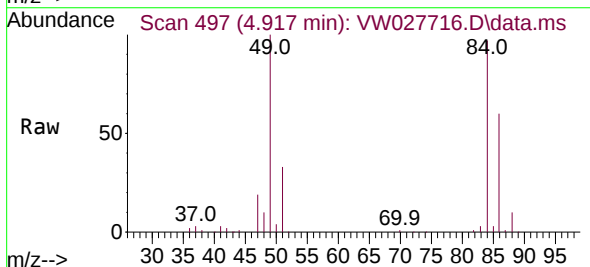
#15  
Methyl Acetate  
Concen: 19.233 ug/L  
RT: 4.685 min Scan# 459  
Delta R.T. -0.012 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

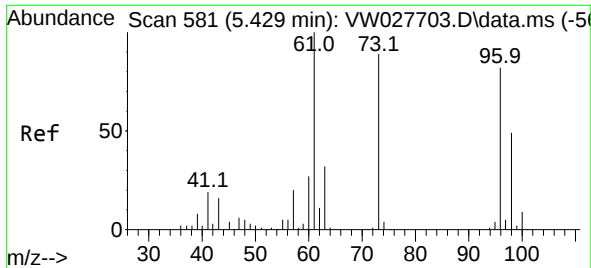
Tgt Ion: 43 Resp: 29093  
Ion Ratio Lower Upper  
43 100  
74 29.0 22.1 33.1



#16  
Methylene chloride  
Concen: 20.632 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

Tgt Ion: 84 Resp: 123726  
Ion Ratio Lower Upper  
84 100  
86 62.5 45.8 85.2  
49 103.5 76.2 141.6

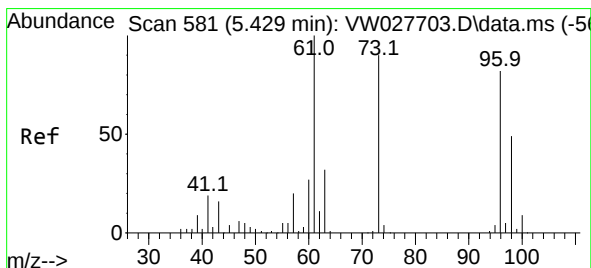
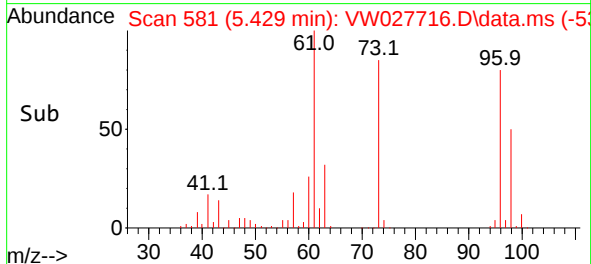
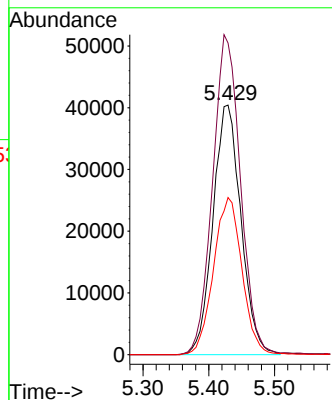
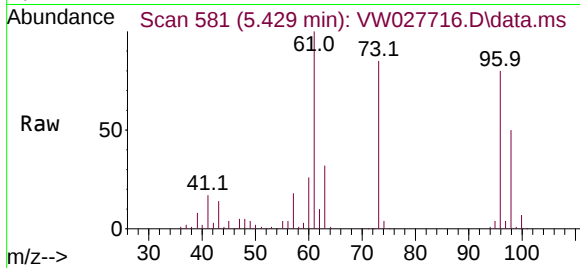




#17  
trans-1,2-Dichloroethene  
Concen: 24.172 ug/L  
RT: 5.429 min Scan# 581  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

Tgt Ion: 96 Resp: 119742

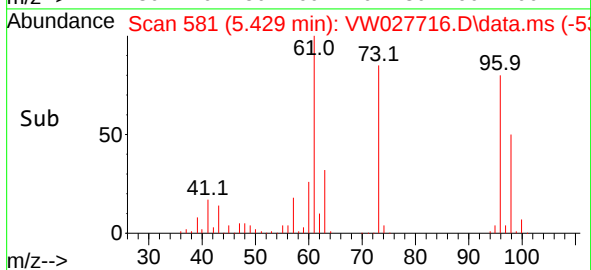
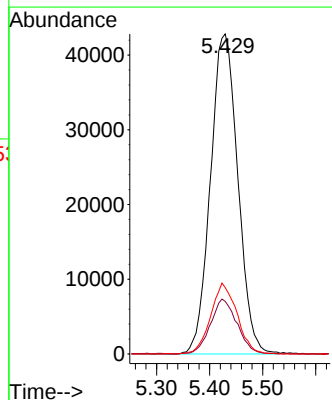
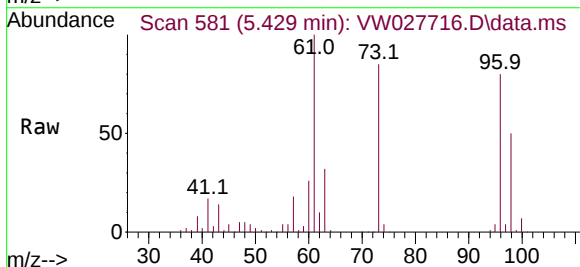
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 124.9 | 88.5  | 164.3 |
| 98  | 63.0  | 42.9  | 79.7  |

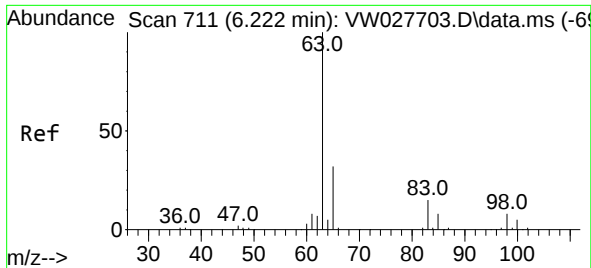


#18  
Methyl tert-butyl Ether  
Concen: 23.459 ug/L  
RT: 5.429 min Scan# 581  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

Tgt Ion: 73 Resp: 153647

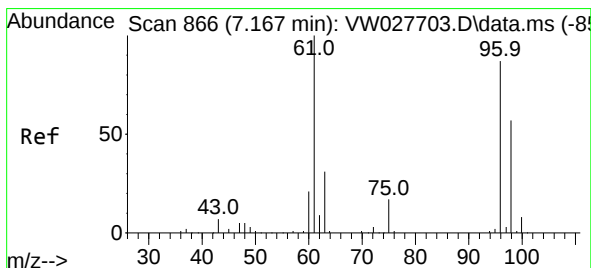
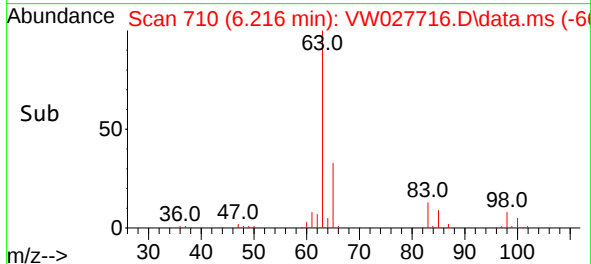
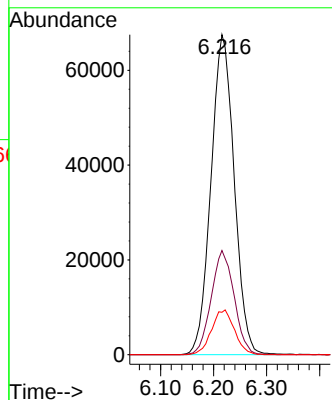
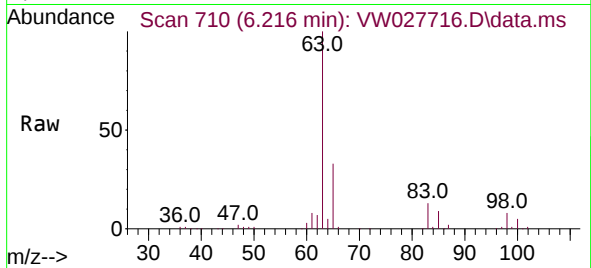
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 16.7  | 13.5  | 20.3  |
| 57  | 21.2  | 17.4  | 26.0  |





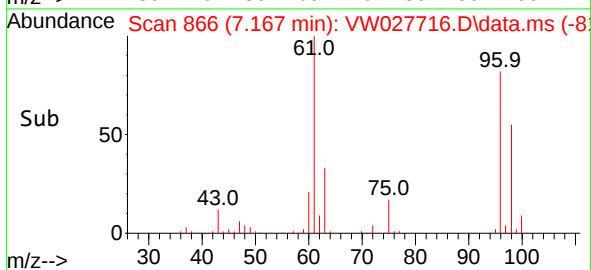
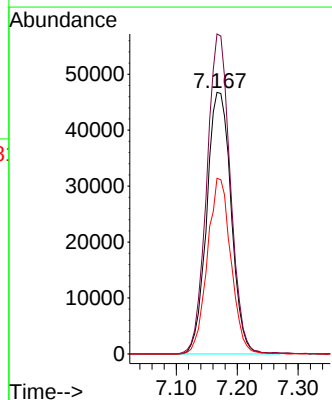
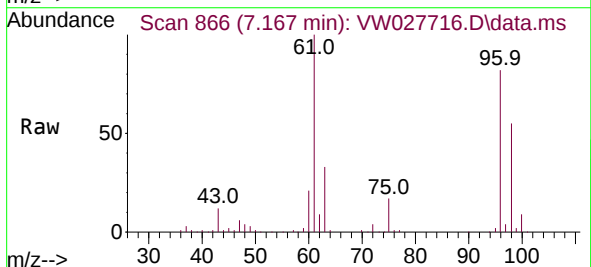
#19  
1,1-Dichloroethane  
Concen: 24.389 ug/L  
RT: 6.216 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

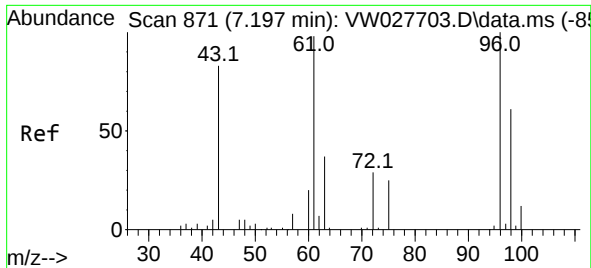
Tgt Ion: 63 Resp: 205449  
Ion Ratio Lower Upper  
63 100  
65 32.6 23.0 42.8  
83 13.3 9.6 17.8



#20  
cis-1,2-Dichloroethene  
Concen: 24.950 ug/L  
RT: 7.167 min Scan# 866  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

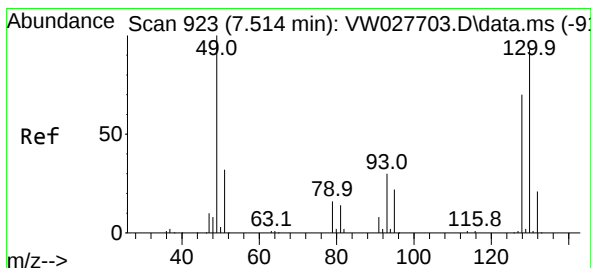
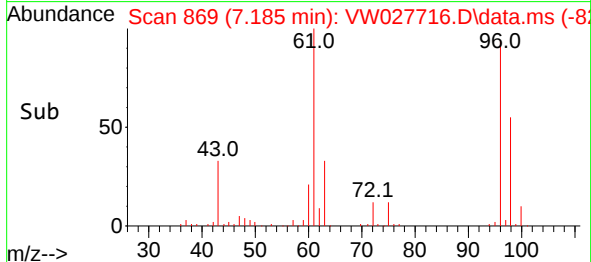
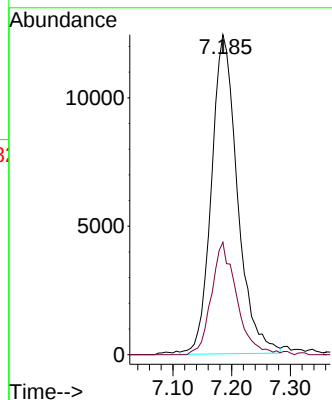
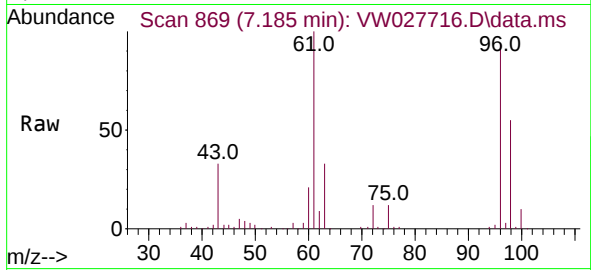
Tgt Ion: 96 Resp: 130110  
Ion Ratio Lower Upper  
96 100  
61 122.3 83.5 155.1  
98 67.2 46.5 86.5





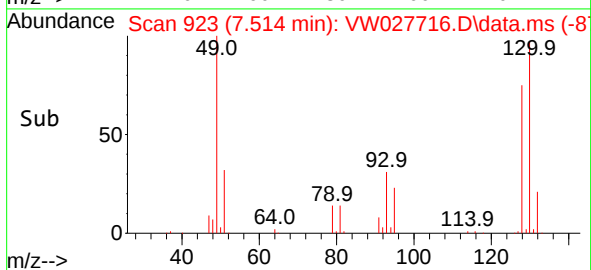
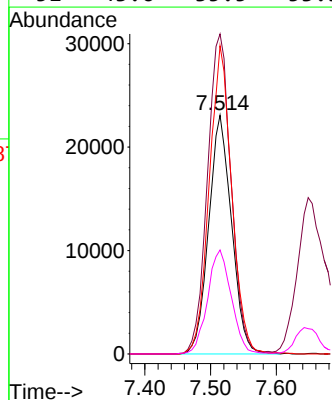
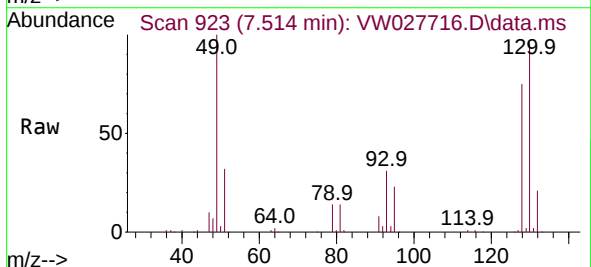
#22  
2-Butanone  
Concen: 34.368 ug/L  
RT: 7.185 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

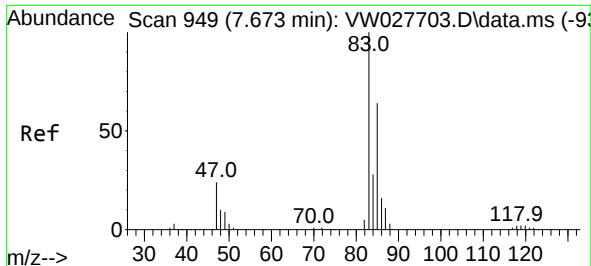
Tgt Ion: 43 Resp: 38211  
Ion Ratio Lower Upper  
43 100  
72 33.5 16.1 48.2



#23  
Bromochloromethane  
Concen: 25.354 ug/L  
RT: 7.514 min Scan# 923  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

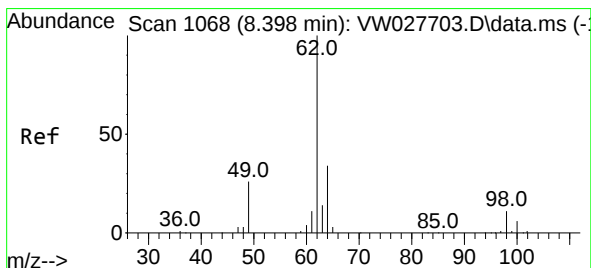
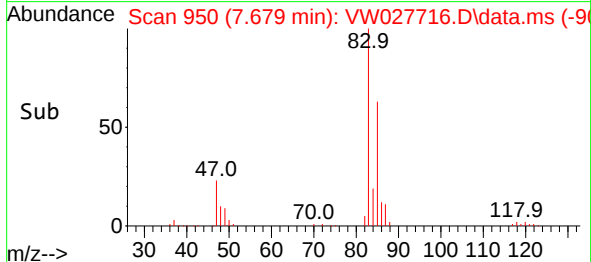
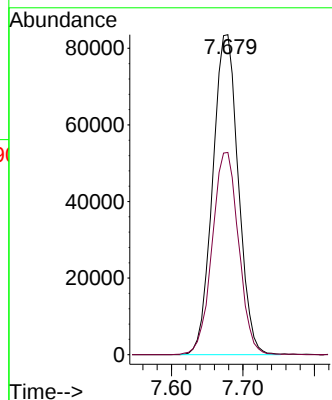
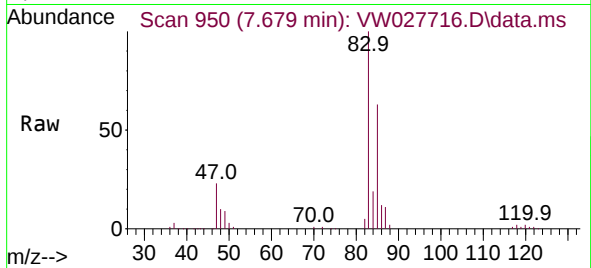
Tgt Ion: 128 Resp: 55831  
Ion Ratio Lower Upper  
128 100  
49 134.0 94.1 174.7  
130 129.1 86.2 160.0  
51 43.6 35.5 53.3





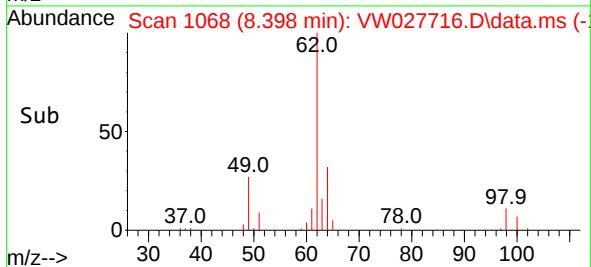
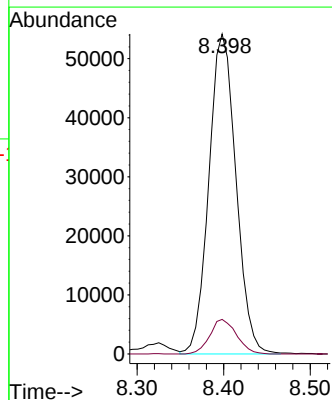
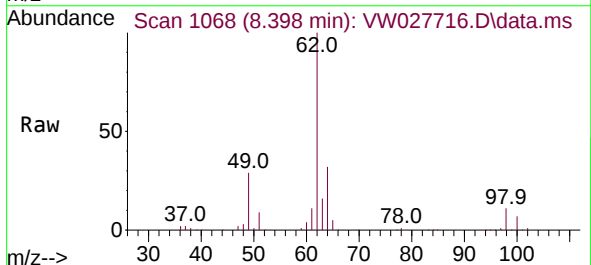
#25  
Chloroform  
Concen: 25.084 ug/L  
RT: 7.679 min Scan# 950  
Delta R.T. 0.006 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

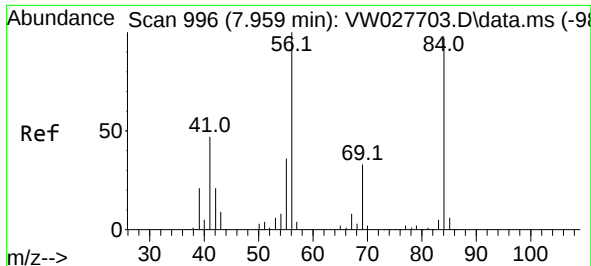
Tgt Ion: 83 Resp: 208098  
Ion Ratio Lower Upper  
83 100  
85 63.2 46.9 87.1



#27  
1,2-Dichloroethane  
Concen: 24.241 ug/L  
RT: 8.398 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

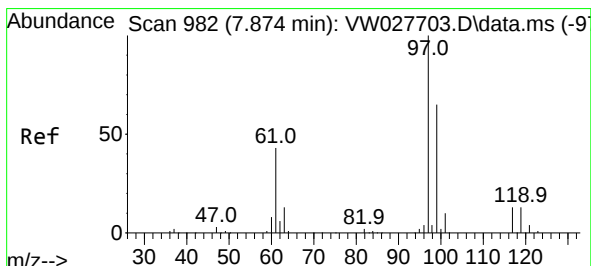
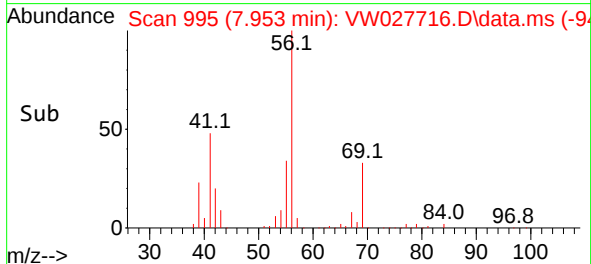
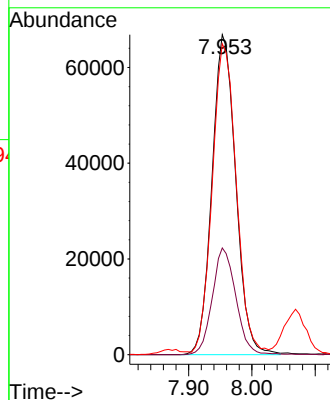
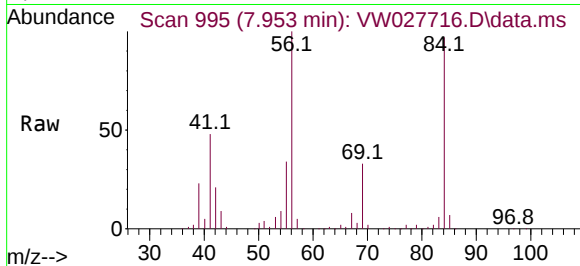
Tgt Ion: 62 Resp: 117904  
Ion Ratio Lower Upper  
62 100  
98 10.8 8.1 12.1





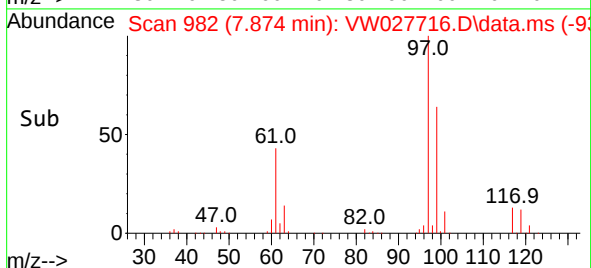
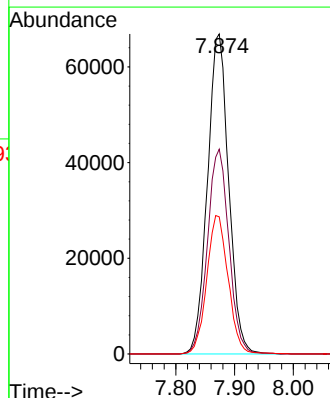
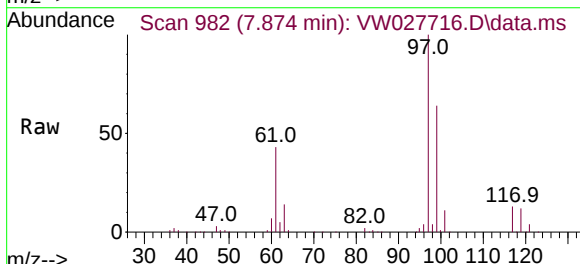
#29  
Cyclohexane  
Concen: 21.757 ug/L  
RT: 7.953 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

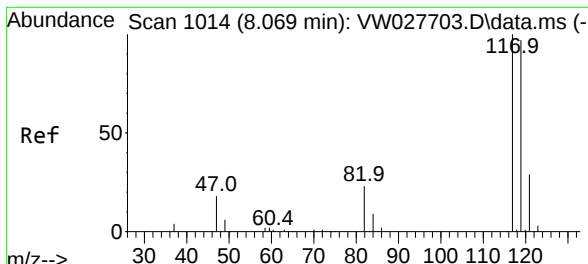
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 56    | Resp: | 174548 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 32.9  | 25.7  | 38.5   |
| 84        | 98.5  | 75.6  | 113.4  |



#30  
1,1,1-Trichloroethane  
Concen: 23.733 ug/L  
RT: 7.874 min Scan# 982  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 168089 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.7  | 51.1  | 76.7   |
| 61        | 43.6  | 34.2  | 51.4   |

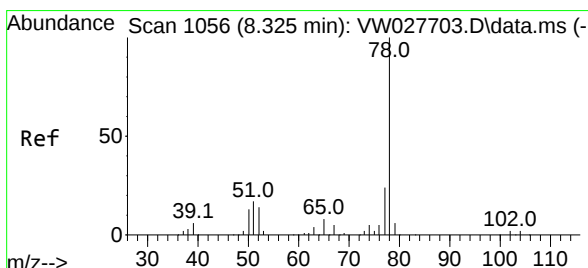
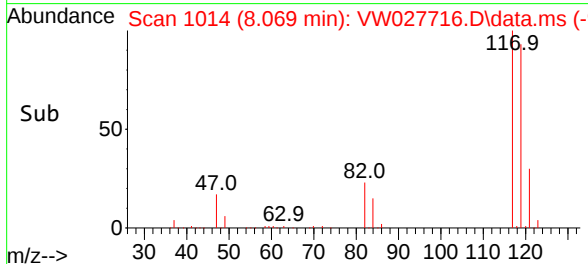
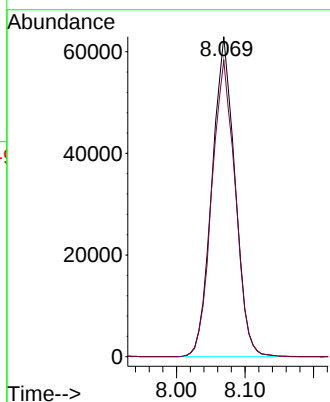
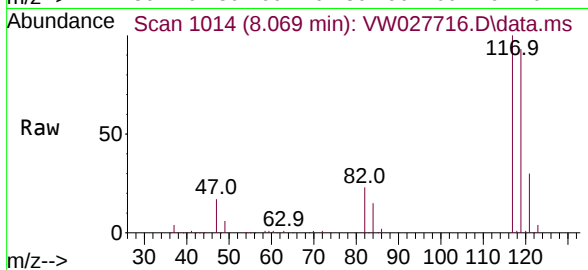




#31  
Carbon tetrachloride  
Concen: 23.463 ug/L  
RT: 8.069 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

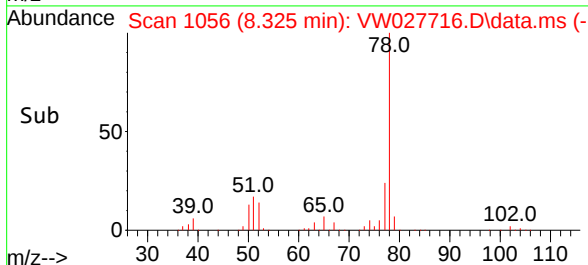
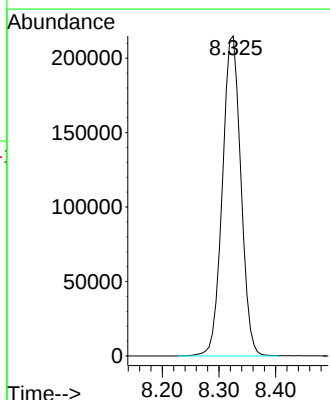
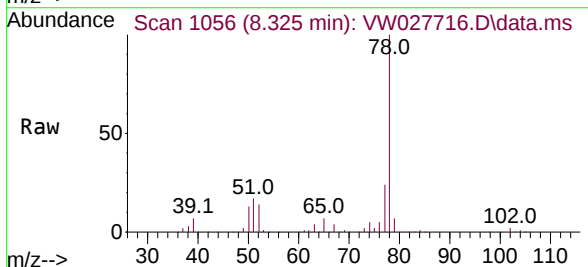
Tgt Ion: 117 Resp: 146245  

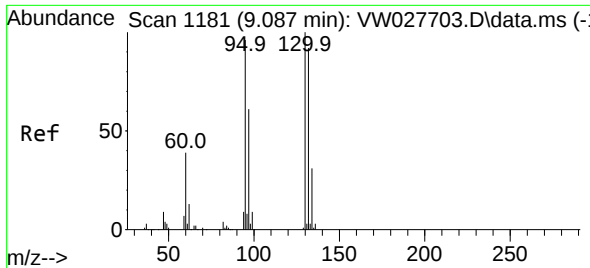
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 94.9  | 74.6  | 112.0 |



#33  
Benzene  
Concen: 24.766 ug/L  
RT: 8.325 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

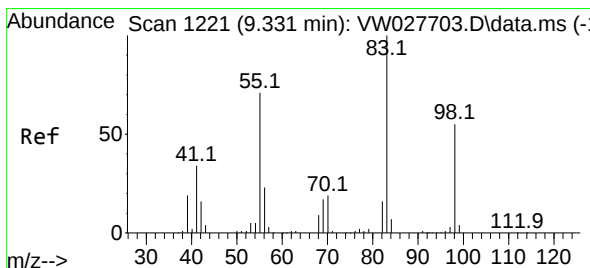
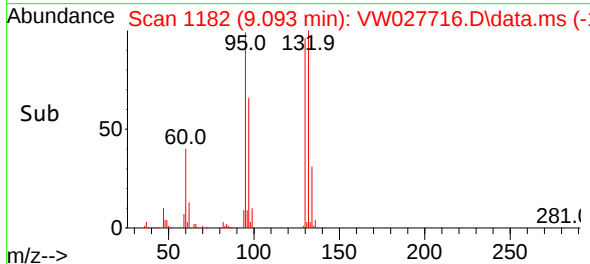
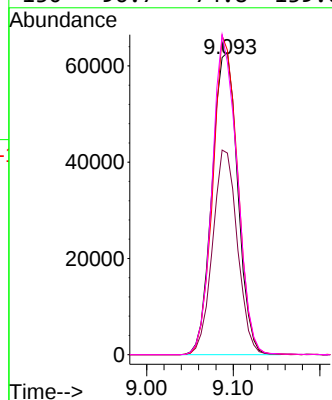
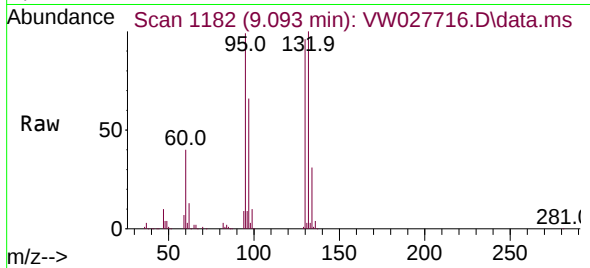
Tgt Ion: 78 Resp: 486783





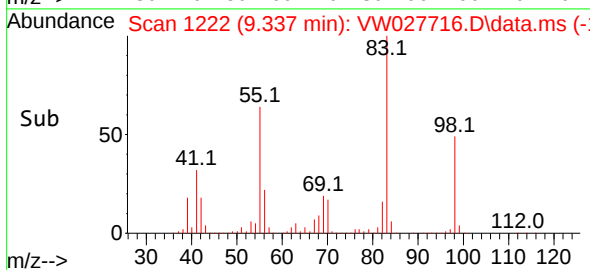
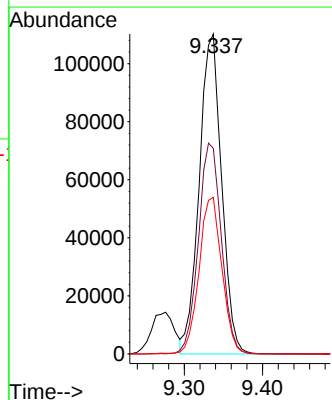
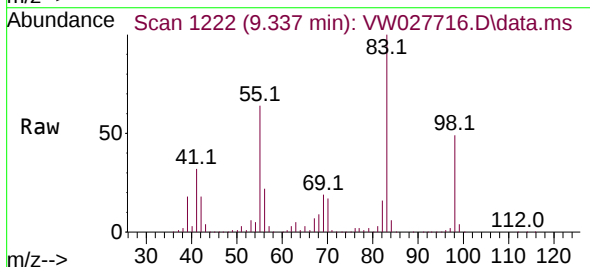
#34  
Trichloroethene  
Concen: 24.160 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. 0.006 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

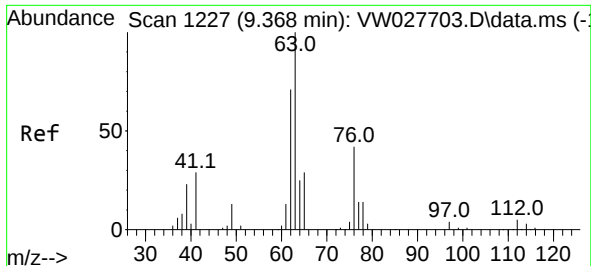
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 129443 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 66.7  | 45.9  | 85.3   |
| 132      | 100.8 | 70.4  | 130.8  |
| 130      | 96.7  | 74.8  | 139.0  |



#35  
Methylcyclohexane  
Concen: 22.659 ug/L  
RT: 9.337 min Scan# 1222  
Delta R.T. 0.006 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

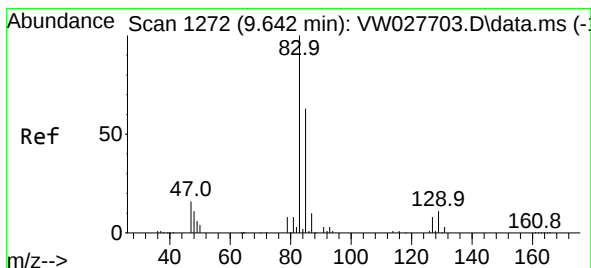
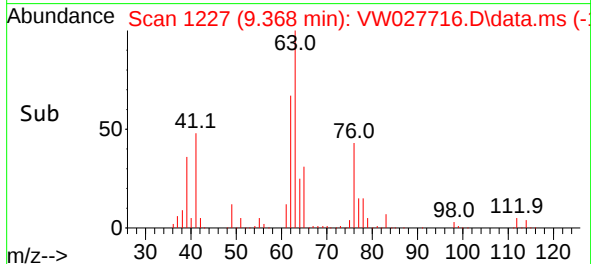
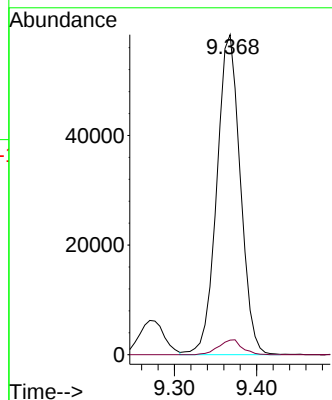
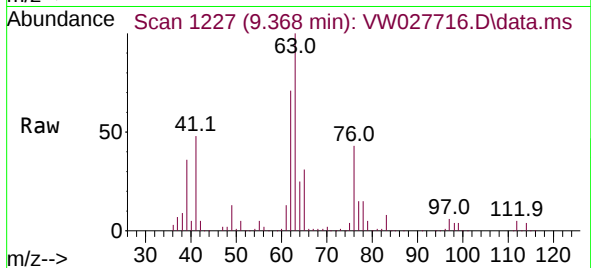
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 218962 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 67.4  | 55.1  | 82.7   |
| 98       | 50.0  | 39.3  | 58.9   |





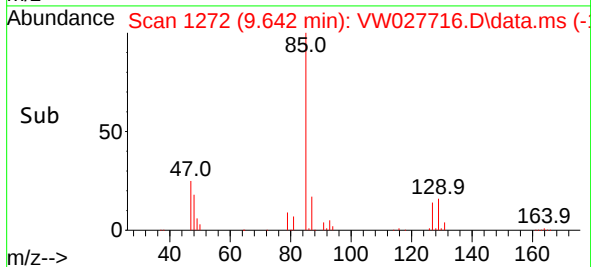
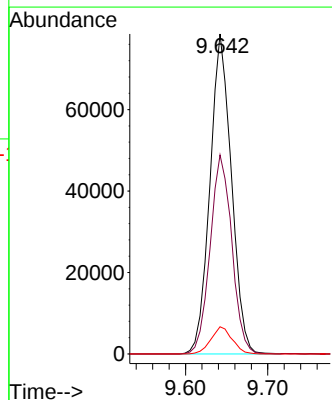
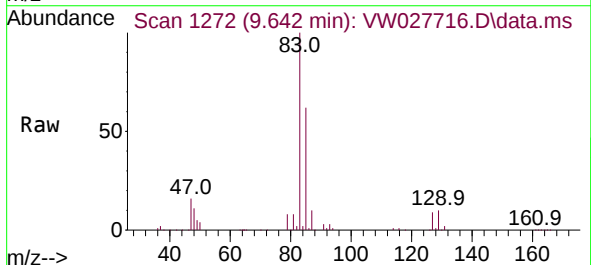
#37  
1,2-Dichloropropane  
Concen: 24.487 ug/L  
RT: 9.368 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

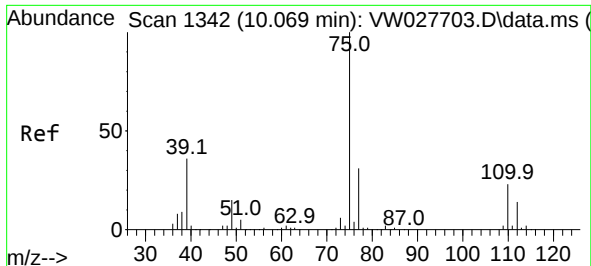
Tgt Ion: 63 Resp: 116183  
Ion Ratio Lower Upper  
63 100  
112 4.6 3.8 5.8



#38  
Bromodichloromethane  
Concen: 24.705 ug/L  
RT: 9.642 min Scan# 1272  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

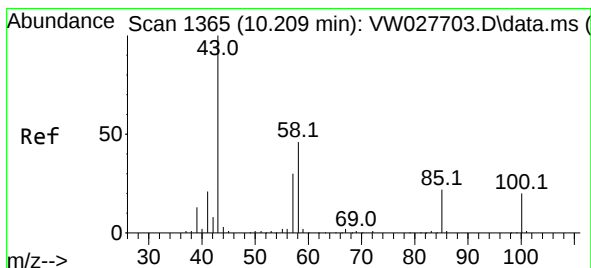
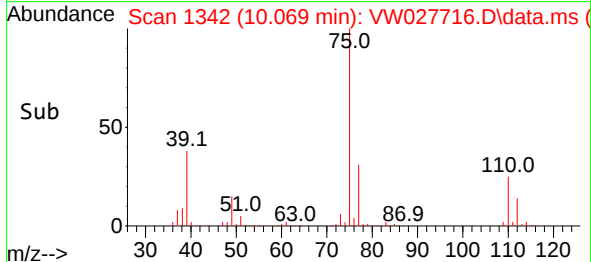
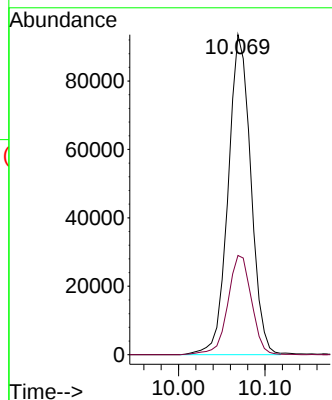
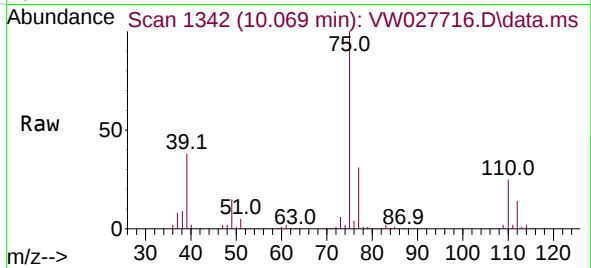
Tgt Ion: 83 Resp: 142474  
Ion Ratio Lower Upper  
83 100  
85 62.2 45.3 84.1  
127 8.5 6.8 10.2





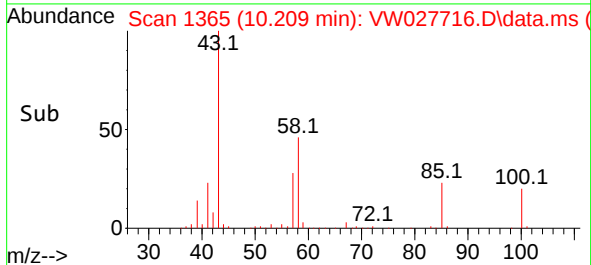
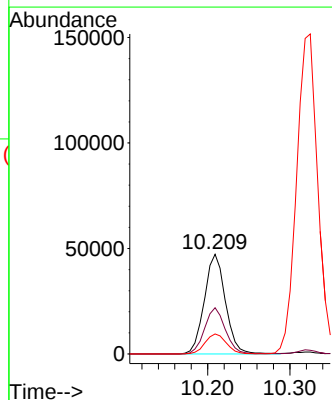
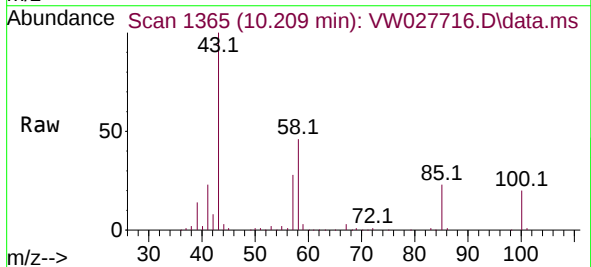
#39  
cis-1,3-Dichloropropene  
Concen: 23.520 ug/L  
RT: 10.069 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

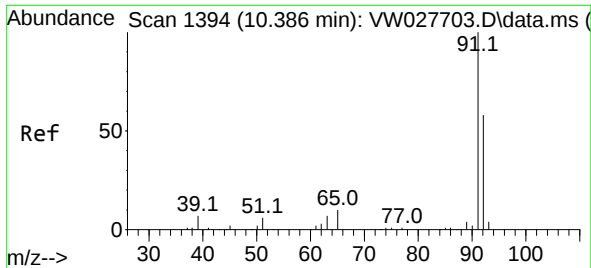
Tgt Ion: 75 Resp: 170087  
Ion Ratio Lower Upper  
75 100  
77 31.0 21.8 40.6



#40  
4-Methyl-2-pentanone  
Concen: 40.644 ug/L  
RT: 10.209 min Scan# 1365  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

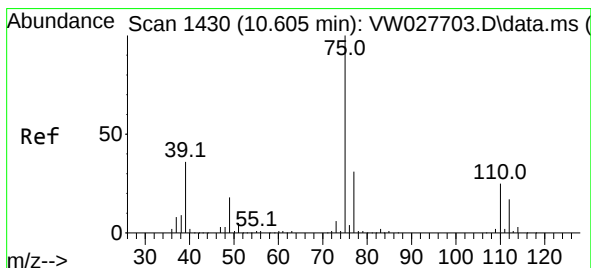
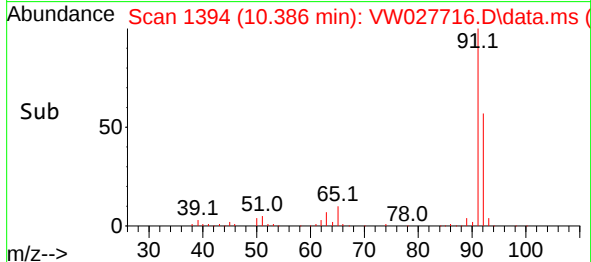
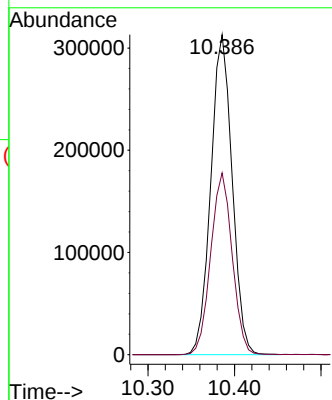
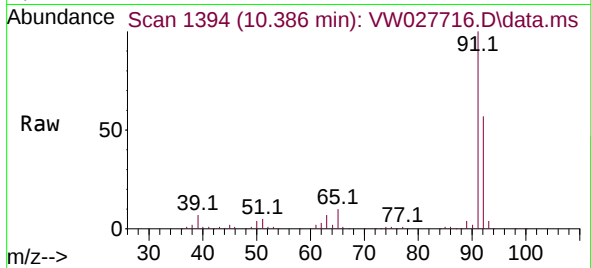
Tgt Ion: 43 Resp: 84284  
Ion Ratio Lower Upper  
43 100  
58 45.5 36.1 54.1  
100 20.3 15.8 23.8





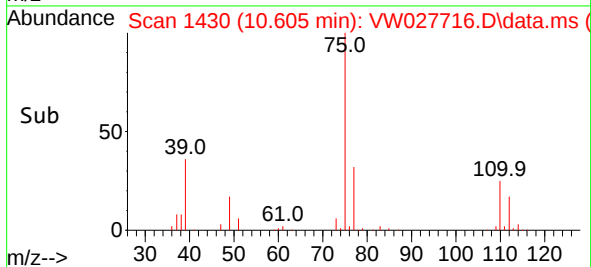
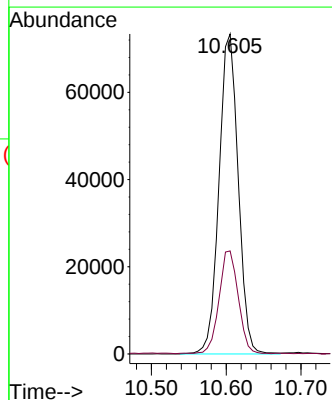
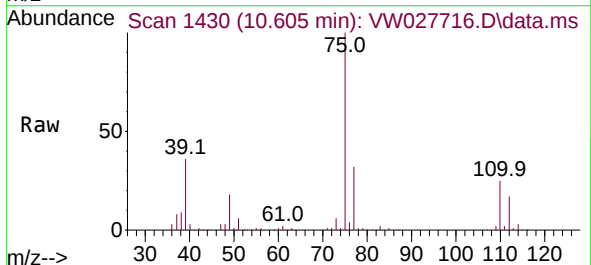
#42  
Toluene  
Concen: 25.346 ug/L  
RT: 10.386 min Scan# 1394  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

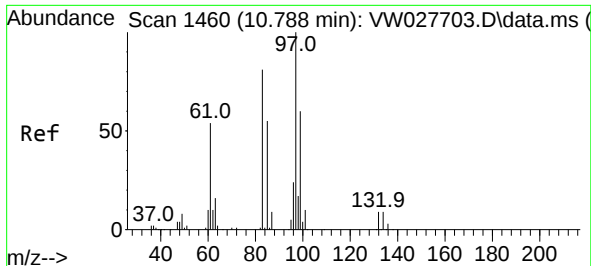
Tgt Ion: 91 Resp: 536032  
Ion Ratio Lower Upper  
91 100  
92 56.8 41.2 76.4



#44  
trans-1,3-Dichloropropene  
Concen: 23.008 ug/L  
RT: 10.605 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

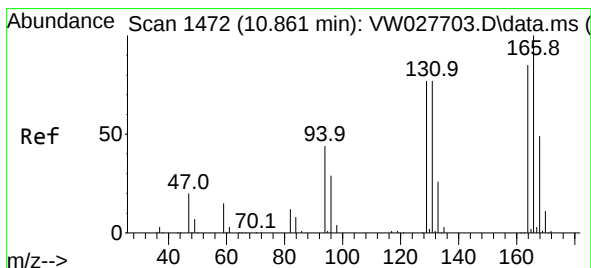
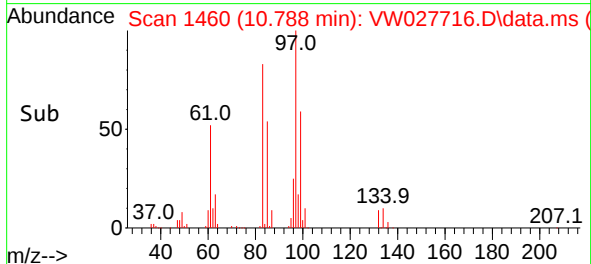
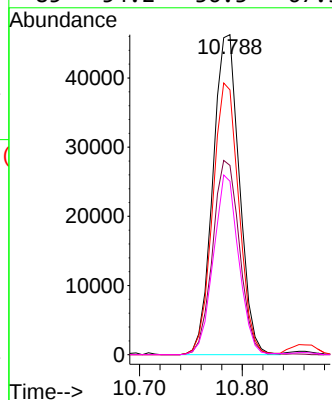
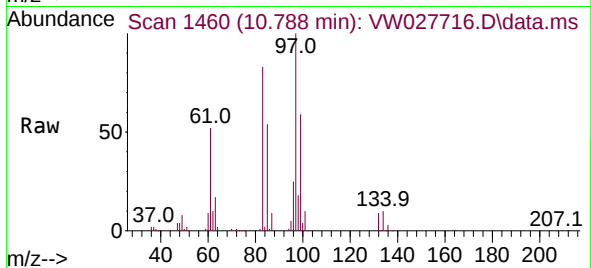
Tgt Ion: 75 Resp: 131030  
Ion Ratio Lower Upper  
75 100  
77 32.2 22.7 42.1





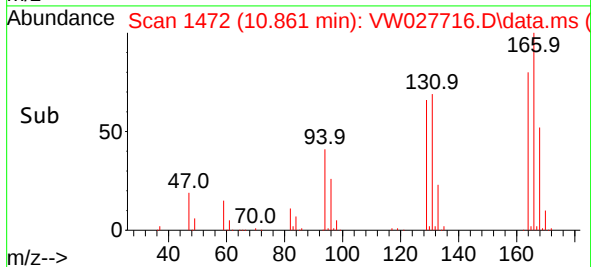
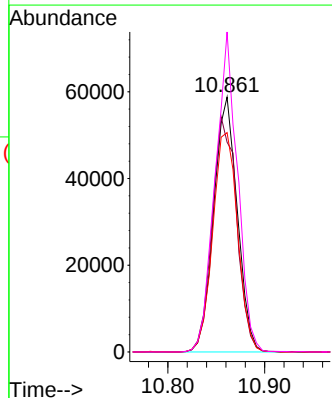
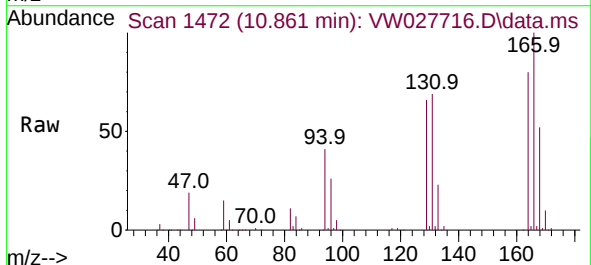
#45  
1,1,2-Trichloroethane  
Concen: 23.552 ug/L  
RT: 10.788 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

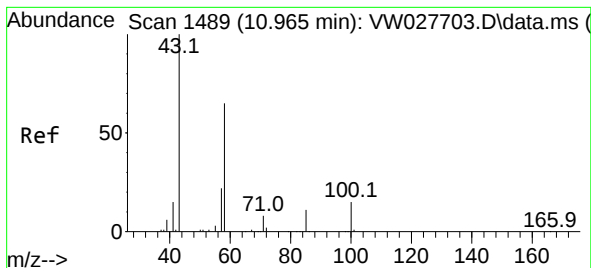
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 82733 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 59.1  | 43.4  | 80.6  |
| 83       | 82.8  | 59.0  | 109.6 |
| 85       | 54.2  | 36.3  | 67.5  |



#46  
Tetrachloroethene  
Concen: 23.184 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

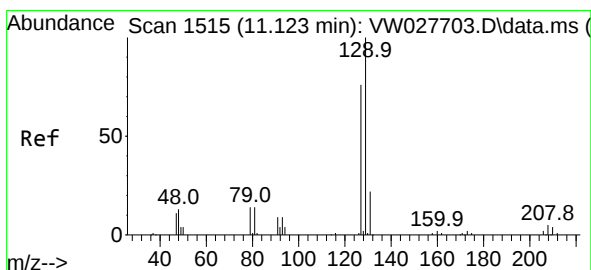
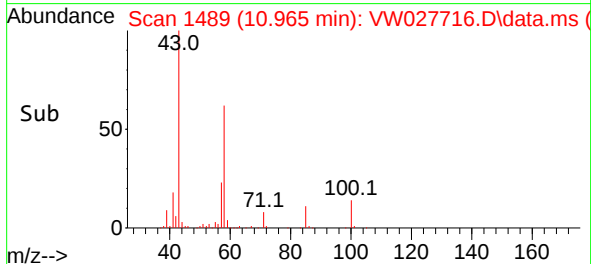
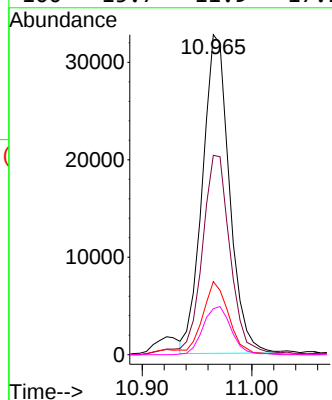
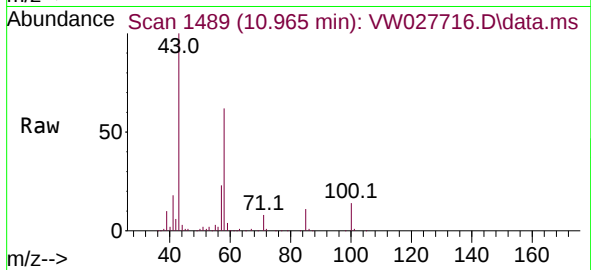
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 99186 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 82.3  | 70.5  | 130.9 |
| 131      | 86.0  | 64.8  | 120.3 |
| 166      | 125.6 | 94.8  | 176.0 |





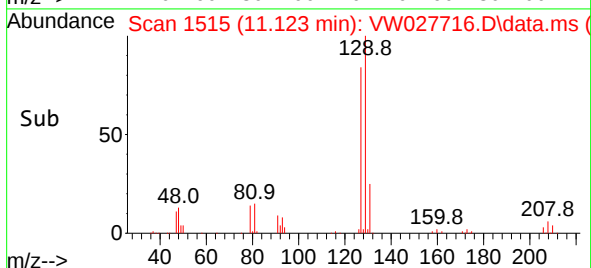
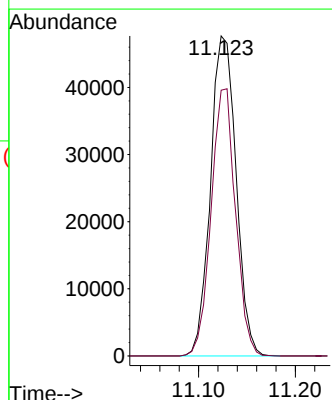
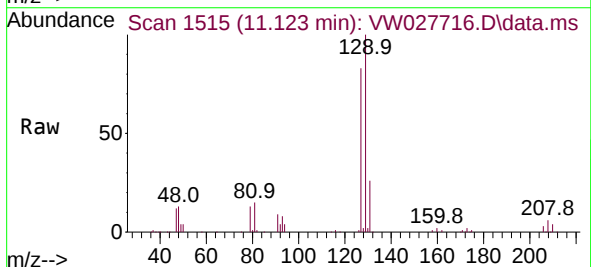
#48  
2-Hexanone  
Concen: 36.355 ug/L  
RT: 10.965 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

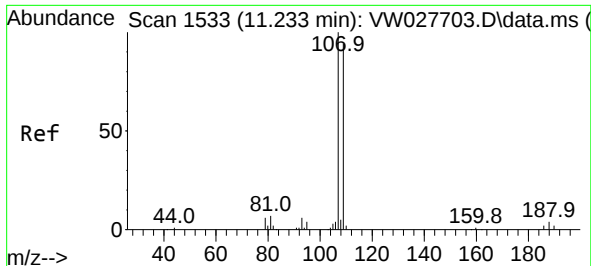
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 56115 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 62.2     | 50.4 75.6   |
| 57 22.0     | 17.0 25.6   |
| 100 15.7    | 11.9 17.9   |



#49  
Dibromochloromethane  
Concen: 23.889 ug/L  
RT: 11.123 min Scan# 1515  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

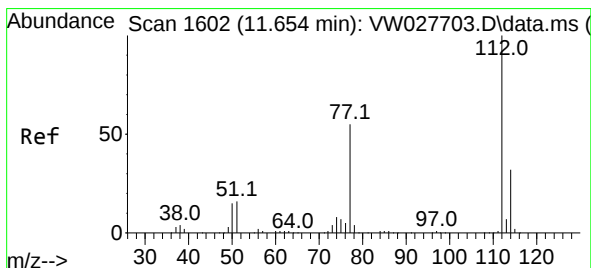
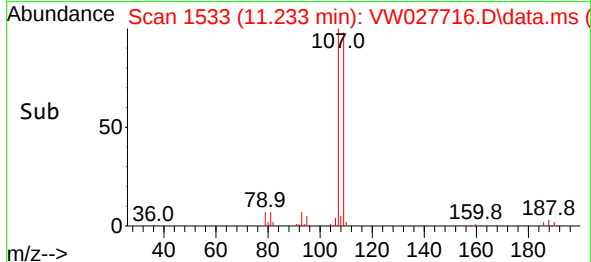
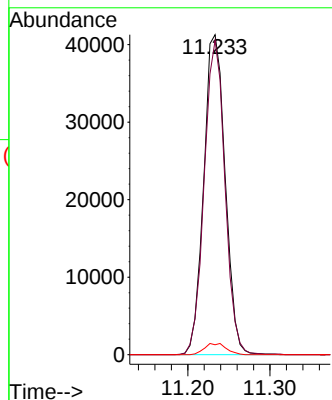
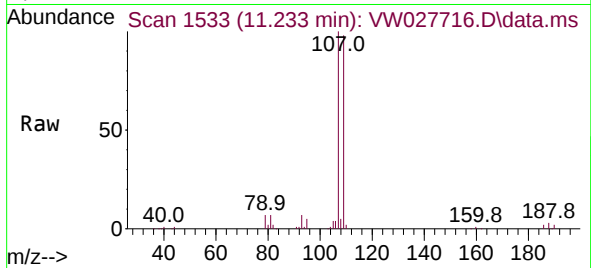
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:129 | Resp: | 87769 |       |
| Ion         | Ratio | Lower | Upper |
| 129         | 100   |       |       |
| 127         | 83.0  | 55.4  | 102.8 |





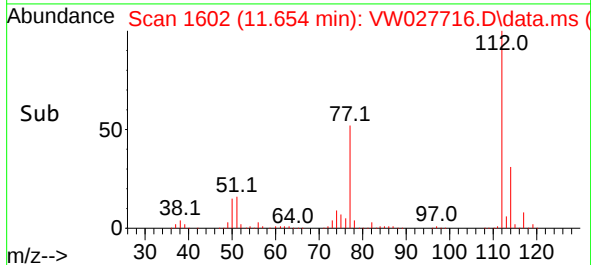
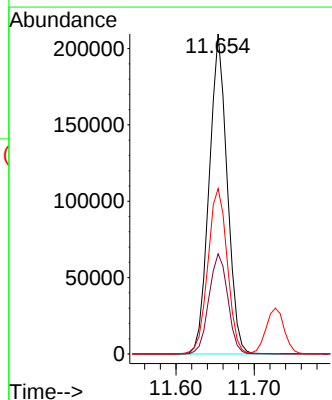
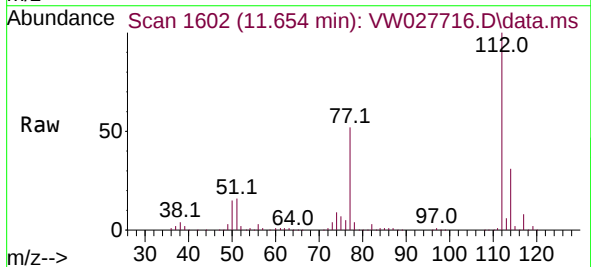
#50  
1,2-Dibromoethane  
Concen: 22.450 ug/L  
RT: 11.233 min Scan# 1533  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

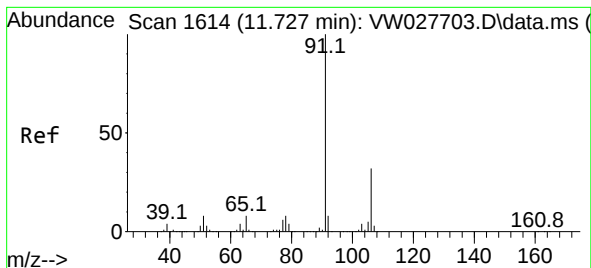
Tgt Ion:107 Resp: 74943  
Ion Ratio Lower Upper  
107 100  
109 98.2 72.1 133.9  
188 3.1 3.0 4.4



#51  
Chlorobenzene  
Concen: 24.740 ug/L  
RT: 11.654 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

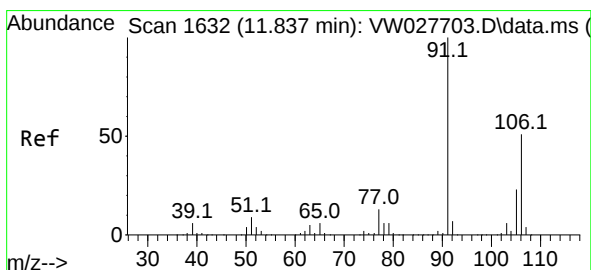
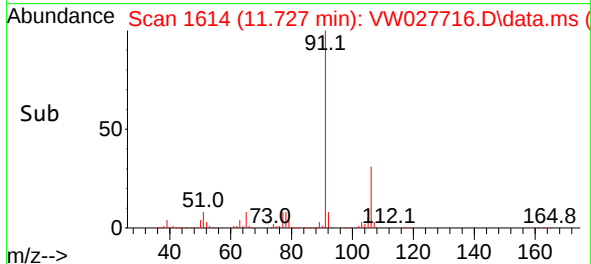
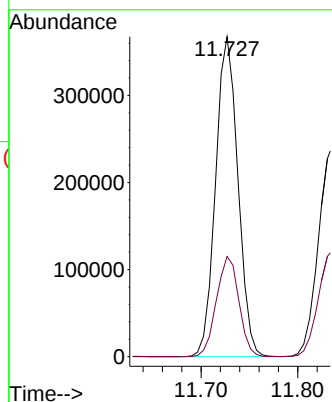
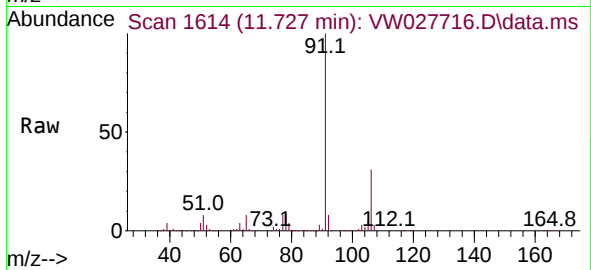
Tgt Ion:112 Resp: 334282  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.0 46.4  
77 51.7 48.1 72.1





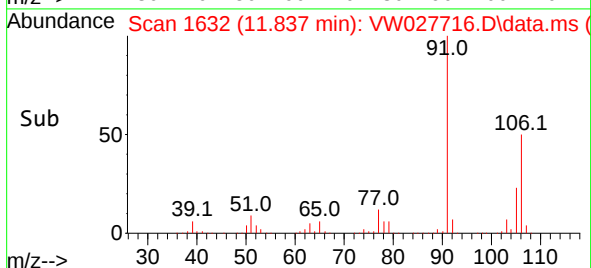
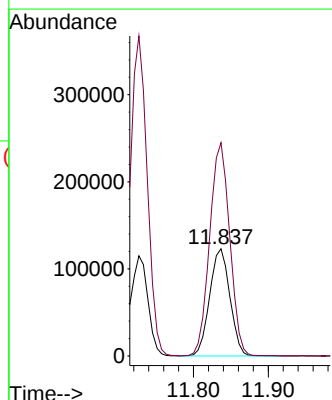
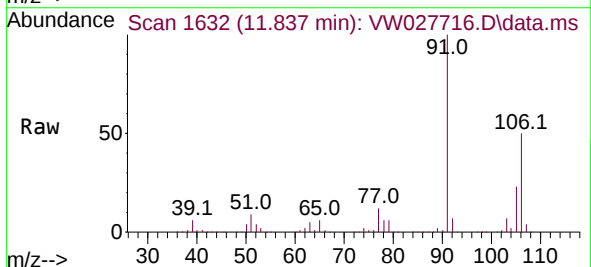
#52  
Ethylbenzene  
Concen: 24.684 ug/L  
RT: 11.727 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

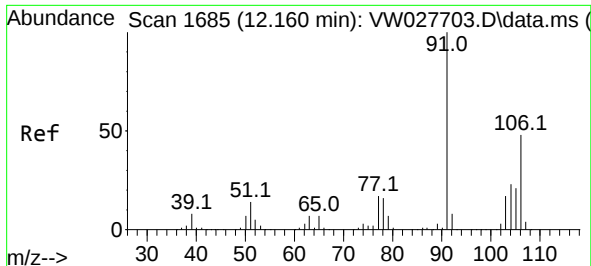
Tgt Ion: 91 Resp: 588254  
Ion Ratio Lower Upper  
91 100  
106 31.3 23.7 44.1



#53  
m,p-Xylene  
Concen: 25.294 ug/L  
RT: 11.837 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

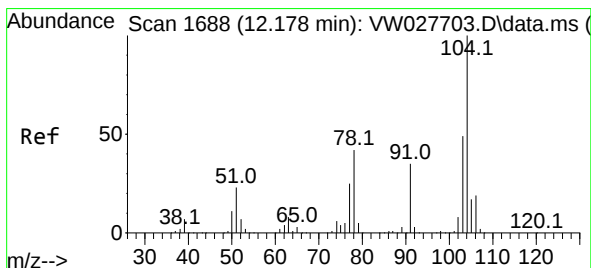
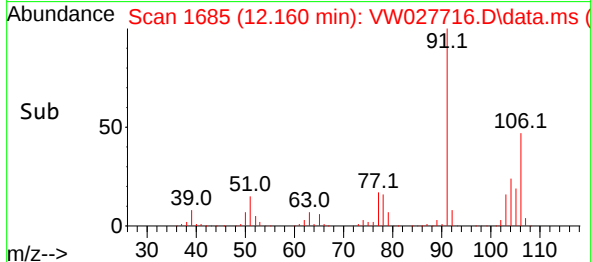
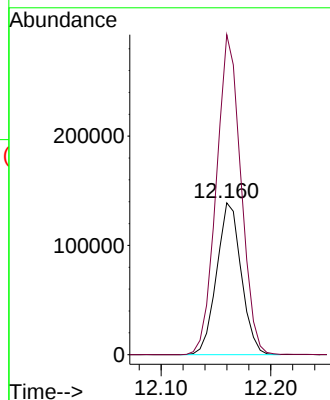
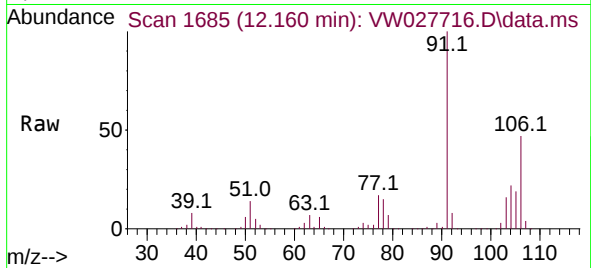
Tgt Ion: 106 Resp: 231536  
Ion Ratio Lower Upper  
106 100  
91 198.9 135.7 251.9





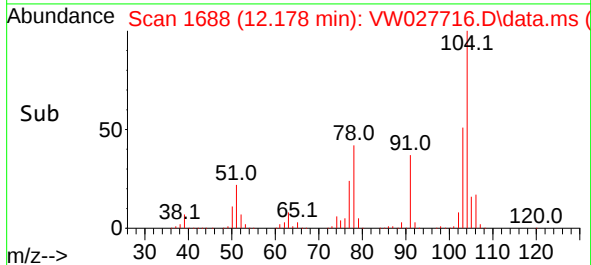
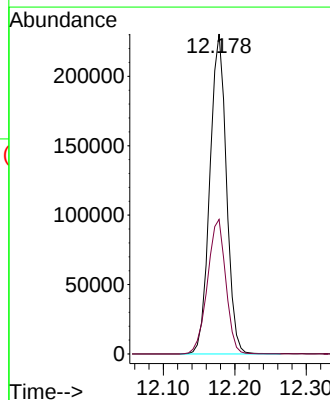
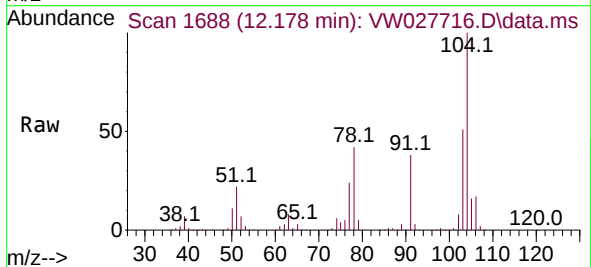
#54  
o-Xylene  
Concen: 25.410 ug/L  
RT: 12.160 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

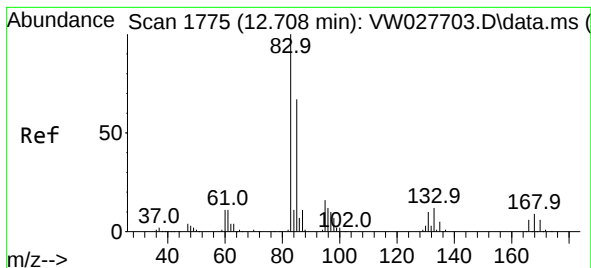
Tgt Ion:106 Resp: 216592  
Ion Ratio Lower Upper  
106 100  
91 210.8 149.9 278.3



#55  
Styrene  
Concen: 25.805 ug/L  
RT: 12.178 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

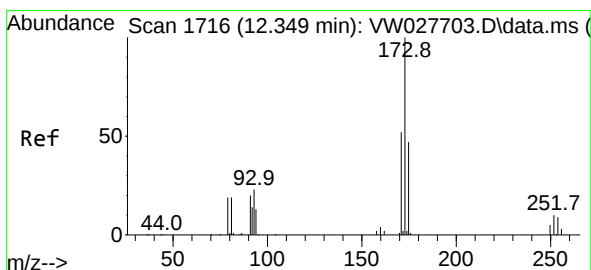
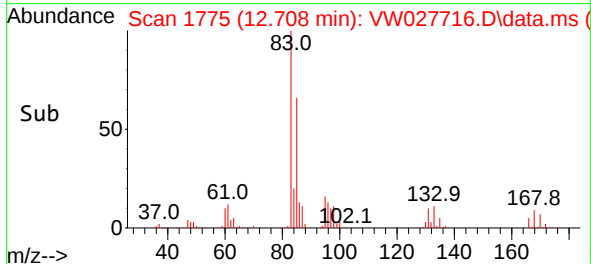
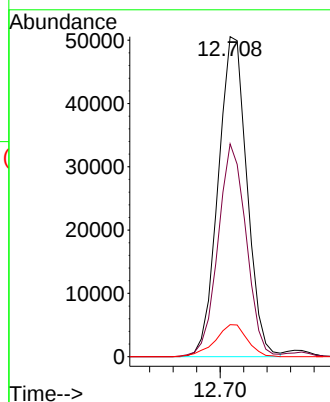
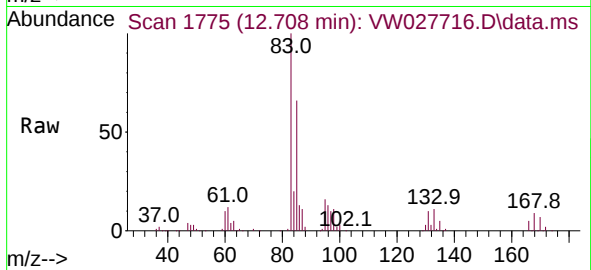
Tgt Ion:104 Resp: 370791  
Ion Ratio Lower Upper  
104 100  
78 42.1 29.6 55.0





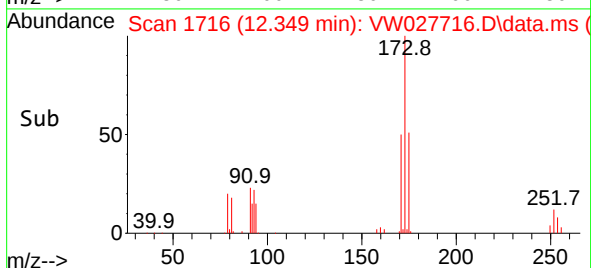
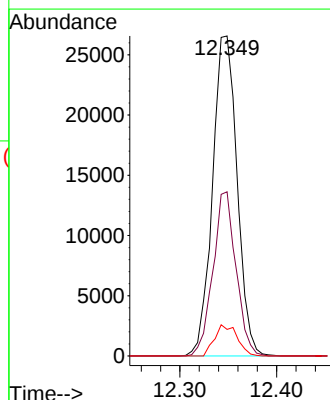
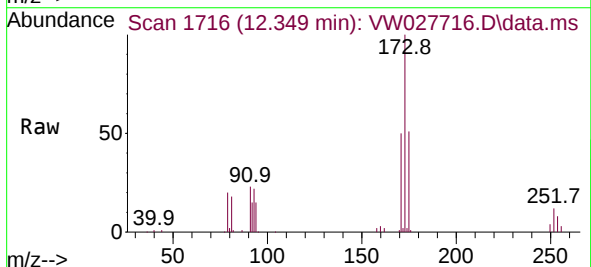
#57  
1,1,2,2-Tetrachloroethane  
Concen: 21.482 ug/L  
RT: 12.708 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

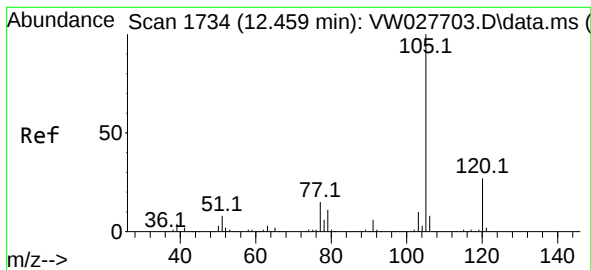
Tgt Ion: 83 Resp: 86020  
Ion Ratio Lower Upper  
83 100  
85 66.5 45.8 85.2  
131 10.0 7.0 10.6



#59  
Bromoform  
Concen: 21.853 ug/L  
RT: 12.349 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

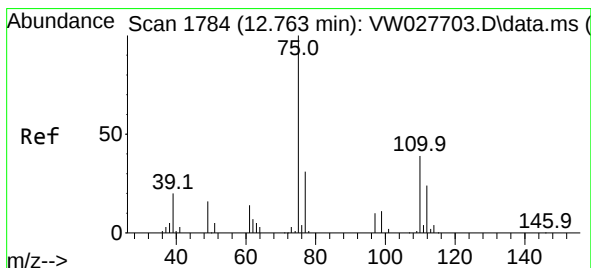
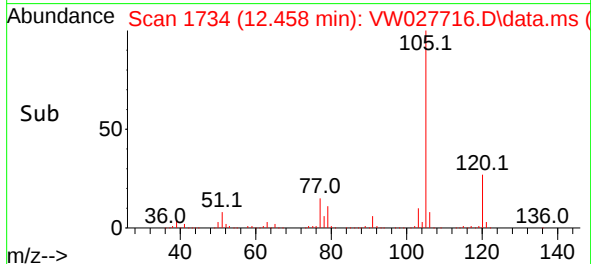
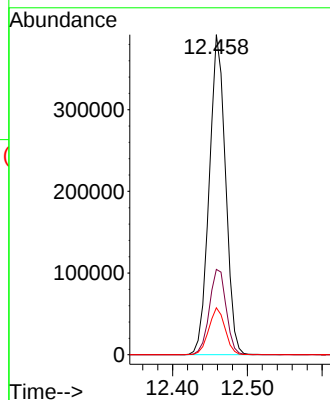
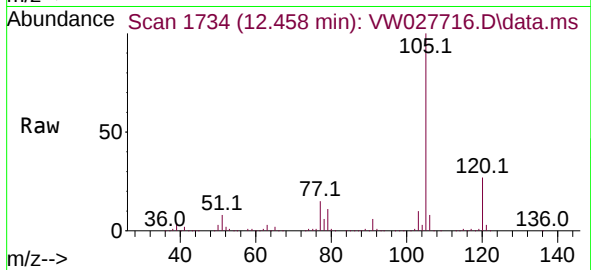
Tgt Ion:173 Resp: 46912  
Ion Ratio Lower Upper  
173 100  
175 48.0 36.3 54.5  
254 9.0 7.5 11.3





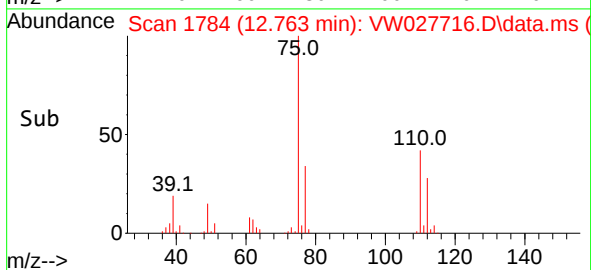
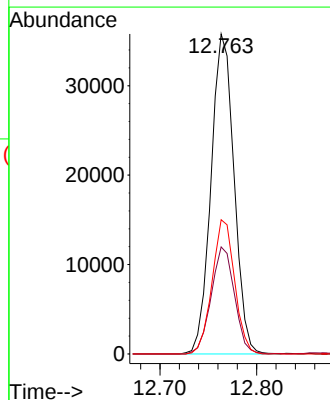
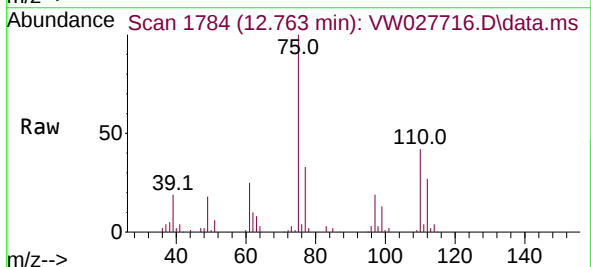
#60  
Isopropylbenzene  
Concen: 23.964 ug/L  
RT: 12.458 min Scan# 1734  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

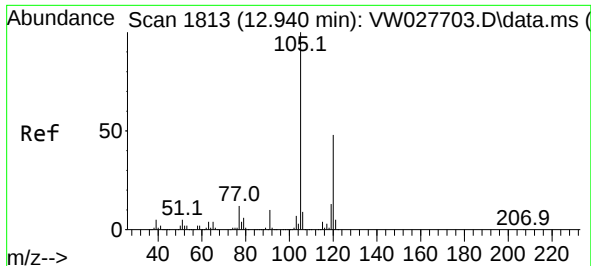
Tgt Ion:105 Resp: 593157  
Ion Ratio Lower Upper  
105 100  
120 27.4 21.0 31.4  
77 14.6 12.0 18.0



#61  
1,2,3-Trichloropropane  
Concen: 20.252 ug/L  
RT: 12.763 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

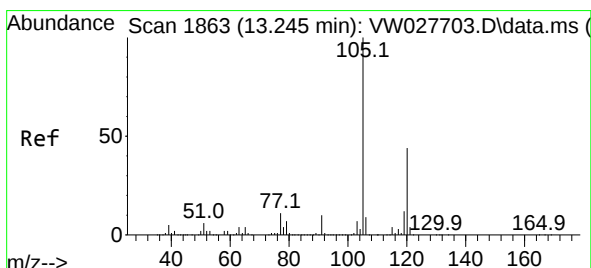
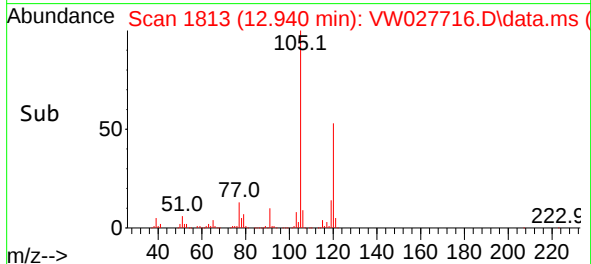
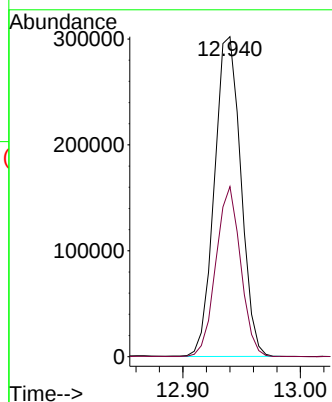
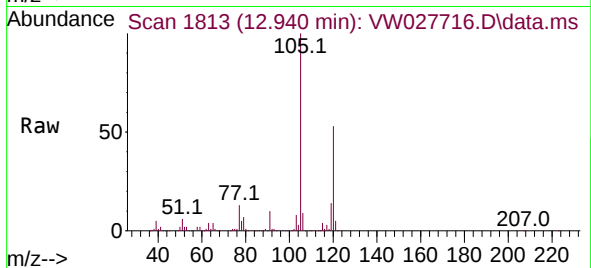
Tgt Ion: 75 Resp: 59196  
Ion Ratio Lower Upper  
75 100  
77 33.7 26.2 39.4  
110 40.9 32.2 48.2





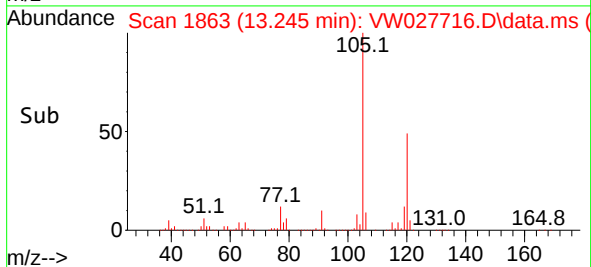
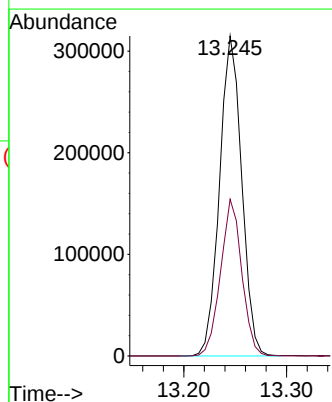
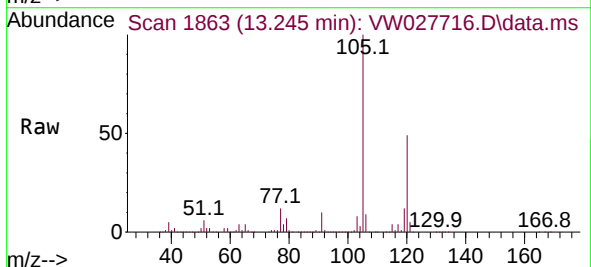
#62  
1,3,5-Trimethylbenzene  
Concen: 23.852 ug/L  
RT: 12.940 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

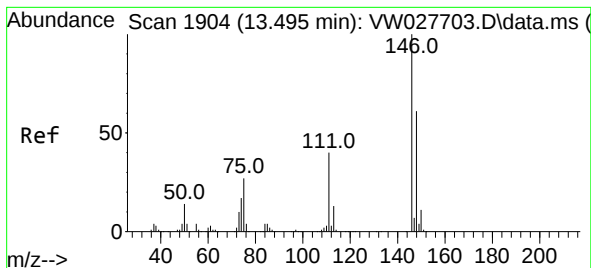
Tgt Ion:105 Resp: 471947  
Ion Ratio Lower Upper  
105 100  
120 49.8 40.0 60.0



#63  
1,2,4-Trimethylbenzene  
Concen: 24.173 ug/L  
RT: 13.245 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

Tgt Ion:105 Resp: 470807  
Ion Ratio Lower Upper  
105 100  
120 47.0 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 23.343 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027716.D

Acq: 17 Dec 2023 02:25

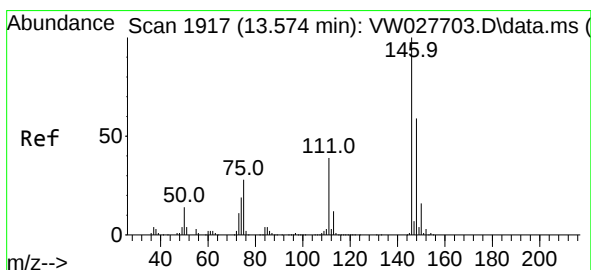
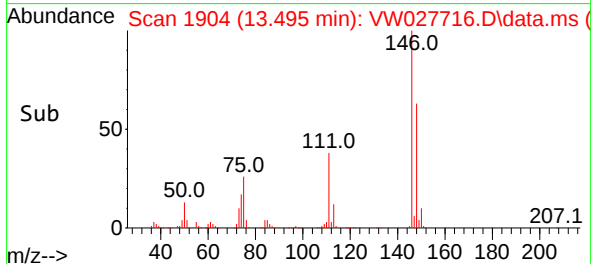
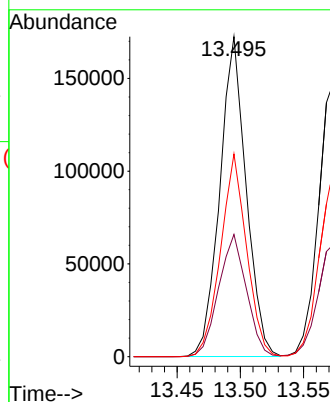
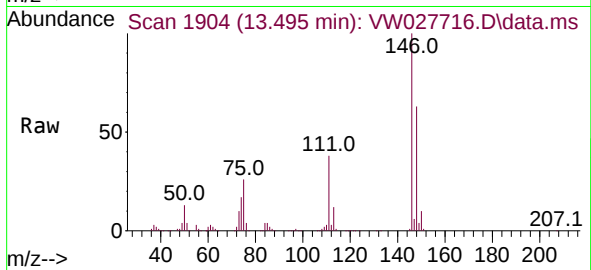
Tgt Ion:146 Resp: 249670

Ion Ratio Lower Upper

146 100

111 38.2 31.1 57.7

148 63.4 52.6 97.8



#65

1,4-Dichlorobenzene

Concen: 22.906 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027716.D

Acq: 17 Dec 2023 02:25

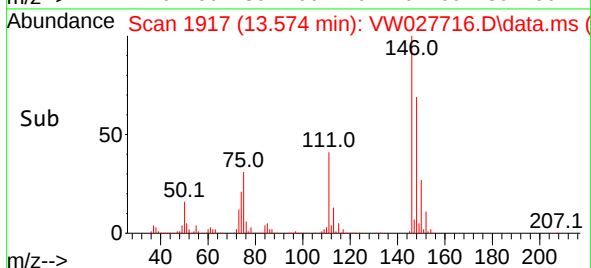
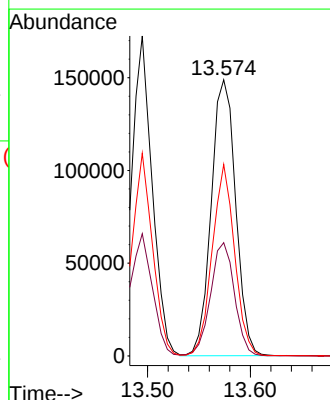
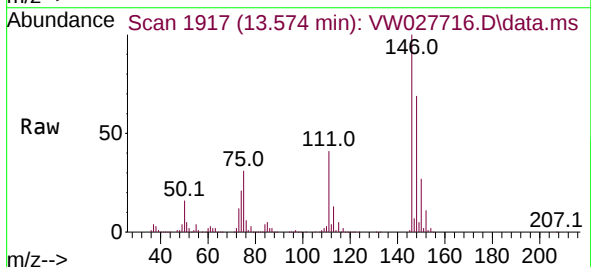
Tgt Ion:146 Resp: 246094

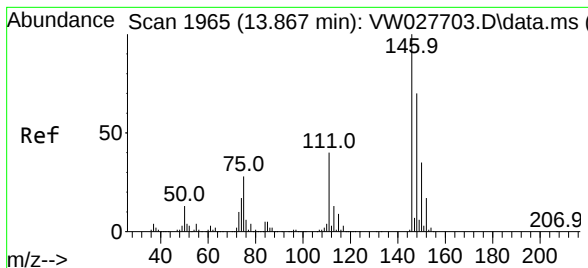
Ion Ratio Lower Upper

146 100

111 41.0 26.2 48.6

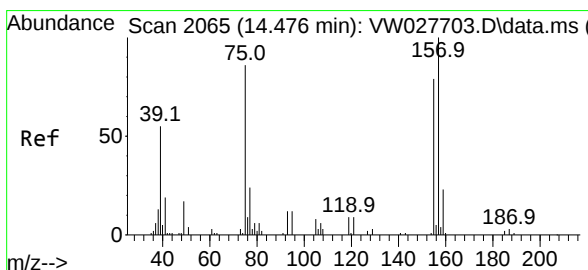
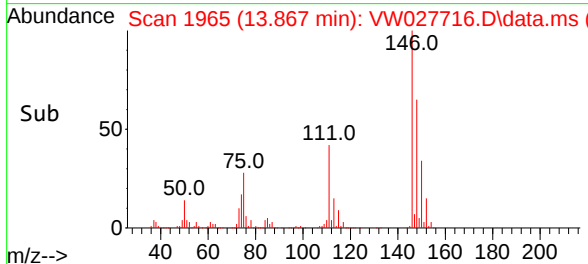
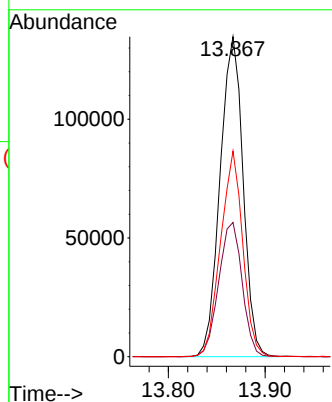
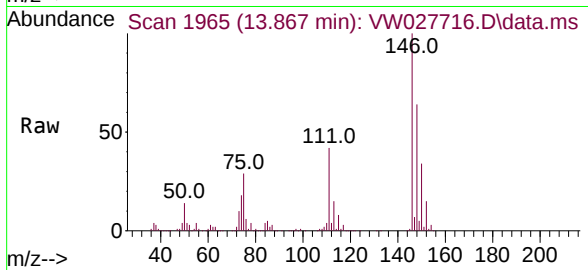
148 69.3 46.3 85.9





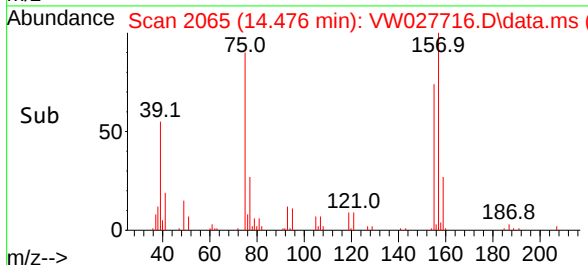
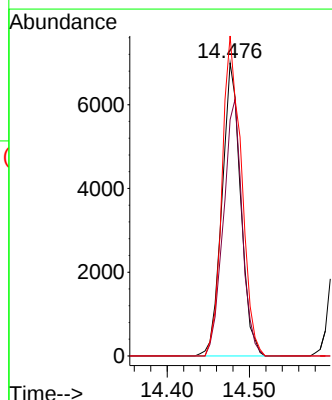
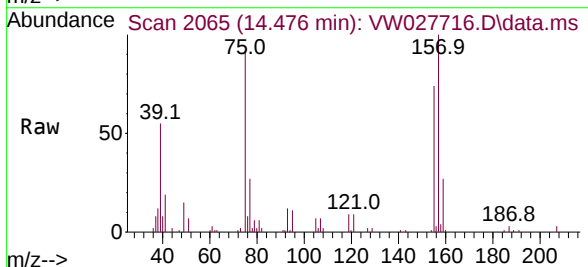
#67  
1,2-Dichlorobenzene  
Concen: 23.925 ug/L  
RT: 13.867 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

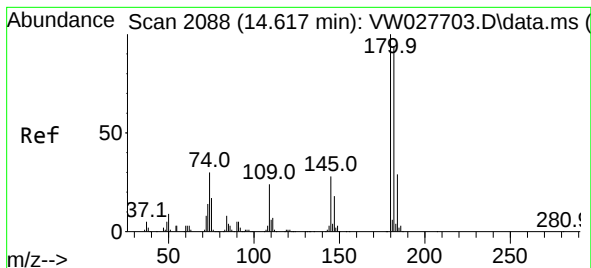
Tgt Ion:146 Resp: 222523  
Ion Ratio Lower Upper  
146 100  
111 42.0 32.1 48.1  
148 64.3 53.0 79.4



#68  
1,2-Dibromo-3-chloropropane  
Concen: 18.864 ug/L  
RT: 14.476 min Scan# 2065  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

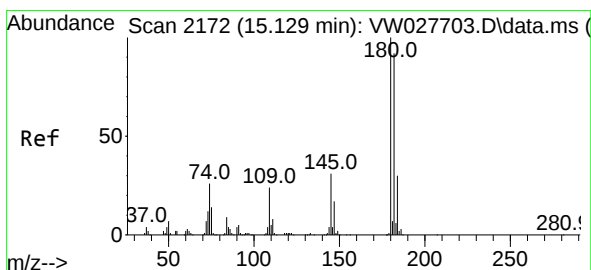
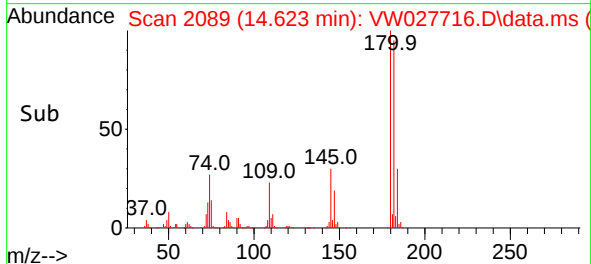
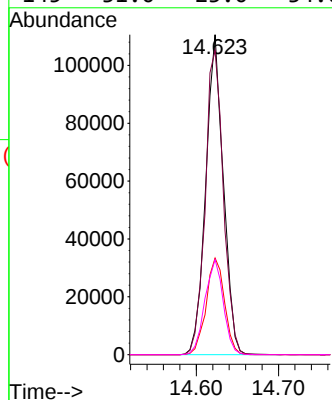
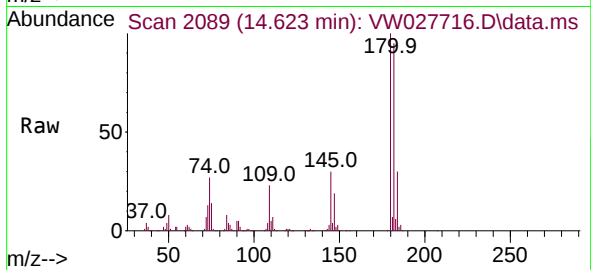
Tgt Ion: 75 Resp: 11015  
Ion Ratio Lower Upper  
75 100  
155 80.6 59.8 89.6  
157 109.1 87.5 131.3





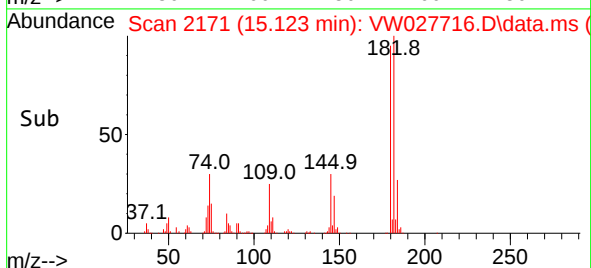
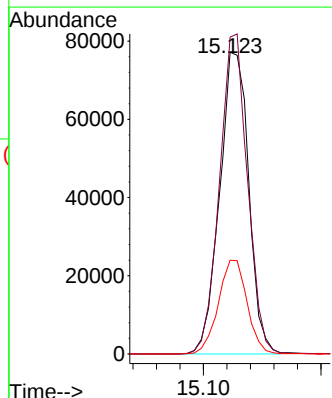
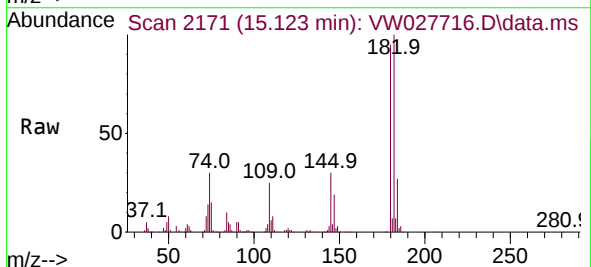
#69  
1,3,5-Trichlorobenzene  
Concen: 22.082 ug/L  
RT: 14.623 min Scan# 2089  
Delta R.T. 0.006 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

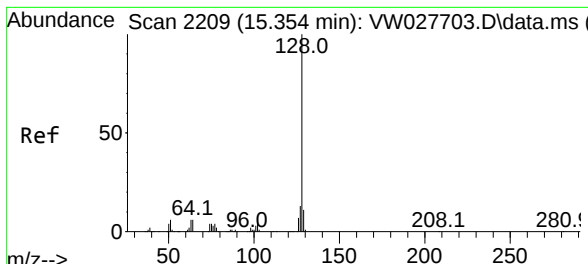
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 164337     |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 98.1  | 72.6 109.0 |
| 184         | 31.5  | 23.0 34.6  |
| 145         | 31.0  | 23.0 34.6  |



#70  
1,2,4-trichlorobenzene  
Concen: 21.676 ug/L  
RT: 15.123 min Scan# 2171  
Delta R.T. -0.006 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

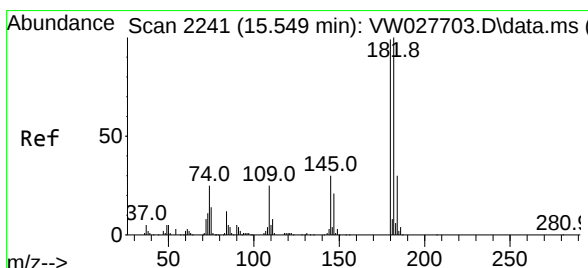
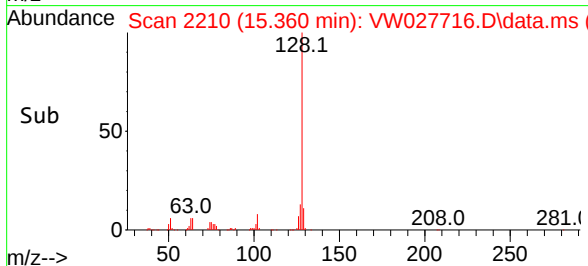
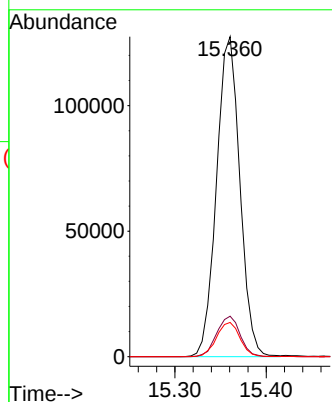
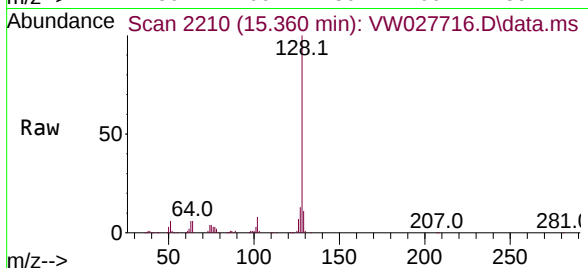
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 132476     |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 102.4 | 69.7 104.5 |
| 145         | 30.8  | 24.1 36.1  |





#71  
Naphthalene  
Concen: 20.902 ug/L  
RT: 15.360 min Scan# 2210  
Delta R.T. 0.006 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

Tgt Ion:128 Resp: 226382  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.8 8.6 12.8



#72  
1,2,3-Trichlorobenzene  
Concen: 22.148 ug/L  
RT: 15.549 min Scan# 2241  
Delta R.T. -0.000 min  
Lab File: VW027716.D  
Acq: 17 Dec 2023 02:25

Tgt Ion:180 Resp: 113173  
Ion Ratio Lower Upper  
180 100  
182 94.8 75.5 113.3  
145 32.2 25.0 37.6

