

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041723\  
 Data File : VX035111.D  
 Acq On : 17 Apr 2023 16:53  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Apr 18 05:54:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|------------------------------|----------------|------|------------|---------|-------|----------|
| -----                        |                |      |            |         |       |          |
| Internal Standards           |                |      |            |         |       |          |
| 1) Pentafluorobenzene        | 5.544          | 168  | 311638     | 50.000  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757          | 114  | 506134     | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 451230     | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 218485     | 50.000  | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |            |         |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.946          | 65   | 196853     | 41.303  | ug/l  | -0.01    |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 82.600% |       |          |
| 35) Dibromofluoromethane     | 5.379          | 113  | 160252     | 47.870  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 95.740% |       |          |
| 50) Toluene-d8               | 8.647          | 98   | 579325     | 46.884  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 93.760% |       |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 233194     | 48.769  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 97.540% |       |          |
| Target Compounds             |                |      |            |         |       |          |
|                              |                |      |            |         |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 191754     | 61.692  | ug/l  | 99       |
| 3) Chloromethane             | 1.294          | 50   | 186571     | 47.941  | ug/l  | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 187182     | 48.577  | ug/l  | 97       |
| 5) Bromomethane              | 1.611          | 94   | 102148     | 40.795  | ug/l  | 99       |
| 6) Chloroethane              | 1.685          | 64   | 92922      | 37.065  | ug/l  | 99       |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 258463     | 41.723  | ug/l  | 99       |
| 8) Diethyl Ether             | 2.130          | 74   | 100438     | 45.990  | ug/l  | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 163846     | 50.604  | ug/l  | 98       |
| 10) Methyl Iodide            | 2.453          | 142  | 204445     | 50.705  | ug/l  | 97       |
| 11) Tert butyl alcohol       | 2.977          | 59   | 166808m    | 199.479 | ug/l  |          |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 156176     | 48.816  | ug/l  | 97       |
| 13) Acrolein                 | 2.233          | 56   | 198539     | 230.642 | ug/l  | 99       |
| 14) Allyl chloride           | 2.660          | 41   | 299429     | 47.772  | ug/l  | 98       |
| 15) Acrylonitrile            | 3.062          | 53   | 463959     | 246.488 | ug/l  | 100      |
| 16) Acetone                  | 2.386          | 43   | 386994     | 199.880 | ug/l  | 99       |
| 17) Carbon Disulfide         | 2.508          | 76   | 385784     | 48.147  | ug/l  | 100      |
| 18) Methyl Acetate           | 2.703          | 43   | 341612     | 49.659  | ug/l  | 100      |
| 19) Methyl tert-butyl Ether  | 3.105          | 73   | 561205     | 47.378  | ug/l  | 99       |
| 20) Methylene Chloride       | 2.788          | 84   | 179737     | 47.044  | ug/l  | 98       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 170286     | 48.803  | ug/l  | 97       |
| 22) Diisopropyl ether        | 3.751          | 45   | 591993     | 46.810  | ug/l  | 98       |
| 23) Vinyl Acetate            | 3.715          | 43   | 2164936    | 240.026 | ug/l  | 100      |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 324554     | 47.696  | ug/l  | 98       |
| 25) 2-Butanone               | 4.550          | 43   | 641096     | 227.633 | ug/l  | 99       |
| 26) 2,2-Dichloropropane      | 4.471          | 77   | 261126     | 46.664  | ug/l  | 100      |
| 27) cis-1,2-Dichloroethene   | 4.483          | 96   | 202325     | 48.937  | ug/l  | 97       |
| 28) Bromochloromethane       | 4.891          | 49   | 148694     | 44.671  | ug/l  | 94       |
| 29) Tetrahydrofuran          | 5.001          | 42   | 416230     | 235.914 | ug/l  | 99       |
| 30) Chloroform               | 5.086          | 83   | 325343     | 47.074  | ug/l  | 98       |
| 31) Cyclohexane              | 5.464          | 56   | 267794     | 46.144  | ug/l  | 98       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 287286     | 48.710  | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 244691     | 49.336  | ug/l  | 98       |
| 37) Ethyl Acetate            | 4.702          | 43   | 251000     | 48.400  | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 5.672          | 117  | 242170     | 51.790  | ug/l  | 99       |
| 39) Methylcyclohexane        | 7.379          | 83   | 252289     | 47.903  | ug/l  | 97       |
| 40) Benzene                  | 6.031          | 78   | 714121     | 50.159  | ug/l  | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041723\  
 Data File : VX035111.D  
 Acq On : 17 Apr 2023 16:53  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 18 05:54:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 143449   | 50.863  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 258937   | 45.747  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.330  | 43   | 425505   | 49.043  | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 193225   | 53.167  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 185123   | 49.898  | ug/l   | 98       |
| 46) Dibromomethane            | 7.574  | 93   | 124653   | 48.833  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.818  | 83   | 241135   | 51.141  | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.690  | 41   | 213922   | 50.206  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.696  | 88   | 73255    | 834.259 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.568  | 43   | 1259968  | 245.375 | ug/l   | 98       |
| 52) Toluene                   | 8.714  | 92   | 454966   | 49.011  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 273089   | 53.838  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 295855   | 53.297  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 180794   | 51.459  | ug/l   | 100      |
| 56) Ethyl methacrylate        | 9.110  | 69   | 288825   | 52.468  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 315081   | 50.639  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 735288   | 262.334 | ug/l   | 97       |
| 59) 2-Hexanone                | 9.427  | 43   | 948821   | 244.302 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.519  | 129  | 186405   | 55.696  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 190739   | 52.208  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.269  | 164  | 165451   | 51.236  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 483751   | 51.527  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 178667   | 55.344  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 860243   | 50.580  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 663942   | 102.196 | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 328593   | 51.630  | ug/l   | 98       |
| 70) Styrene                   | 10.653 | 104  | 551584   | 54.291  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 128842   | 58.680  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 800724   | 50.033  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 374084   | 51.987  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 266812   | 50.867  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 224101m  | 50.905  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 207285   | 52.272  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 908865   | 49.160  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 578400   | 49.551  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 664719   | 49.676  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 80111    | 54.537  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 670756   | 49.483  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 642420   | 51.126  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 675299   | 49.626  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 765126   | 50.052  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 662554   | 51.978  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 376628   | 52.151  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 382087   | 50.656  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 564909   | 50.725  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 106523   | 53.938  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 372750   | 51.536  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 56597    | 51.693  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 216551   | 52.936  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 95427    | 53.037  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 769699   | 52.953  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 211869   | 51.358  | ug/l   | 99       |

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Data File : VX035111.D  
Acq On : 17 Apr 2023 16:53  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

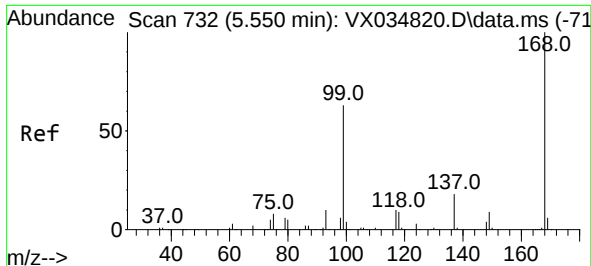
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Apr 18 05:54:08 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
Quant Title : SW846 8260  
QLast Update : Sat Apr 01 01:50:18 2023  
Response via : Initial Calibration

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

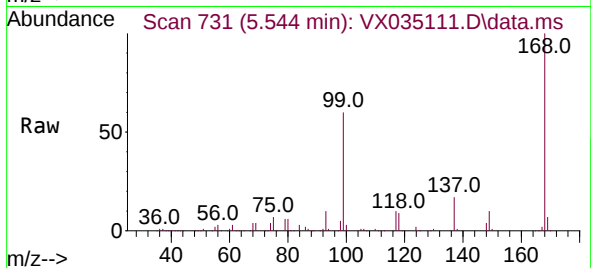
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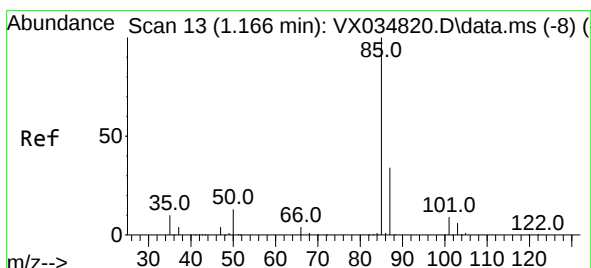
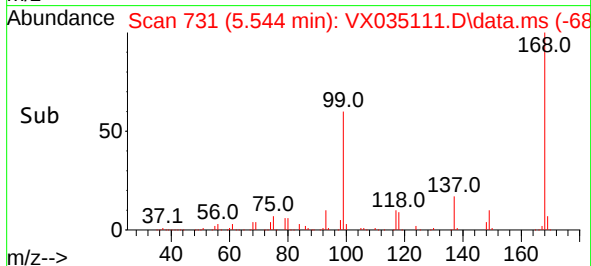
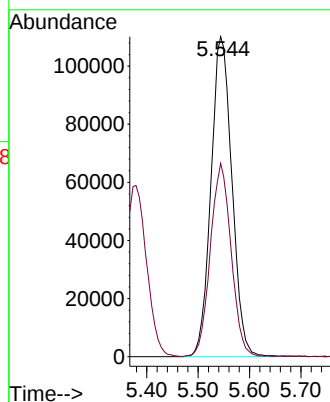


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

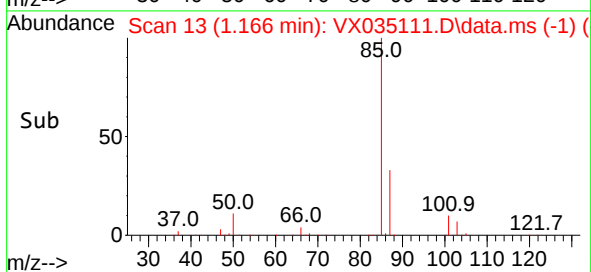
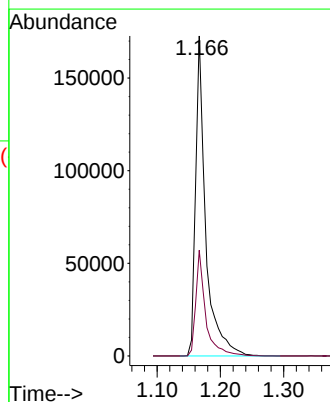
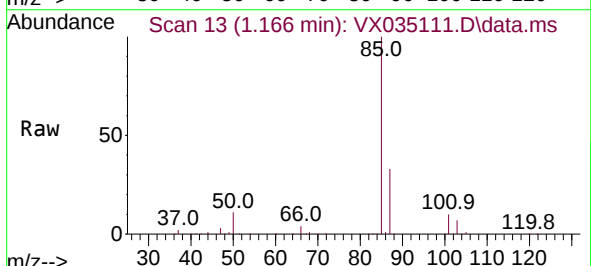


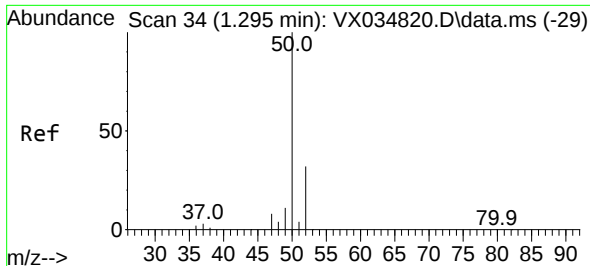
Tgt Ion:168 Resp: 311638  
Ion Ratio Lower Upper  
168 100  
99 60.3 45.7 68.5



#2  
Dichlorodifluoromethane  
Concen: 61.692 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 85 Resp: 191754  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.4 49.1

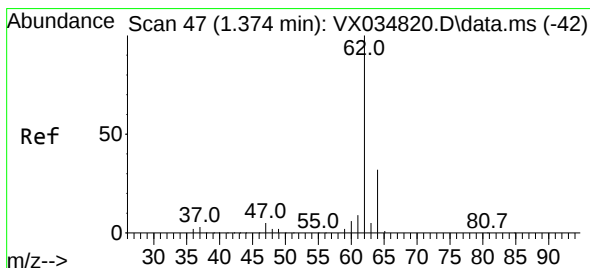
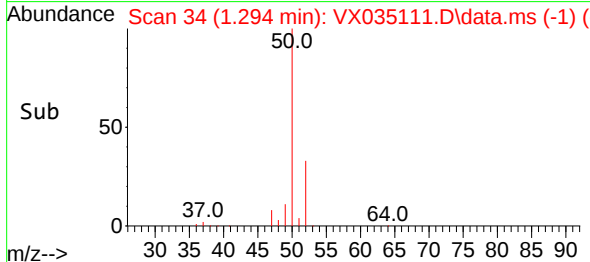
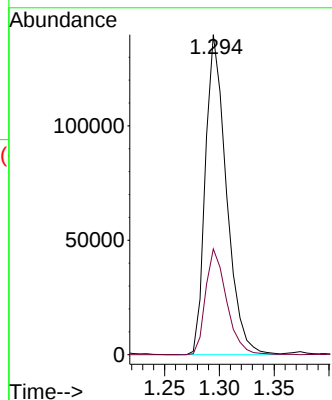
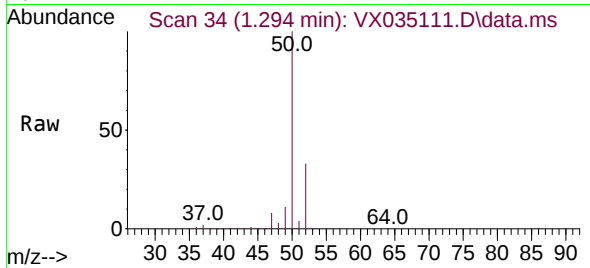




#3  
Chloromethane  
Concen: 47.941 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

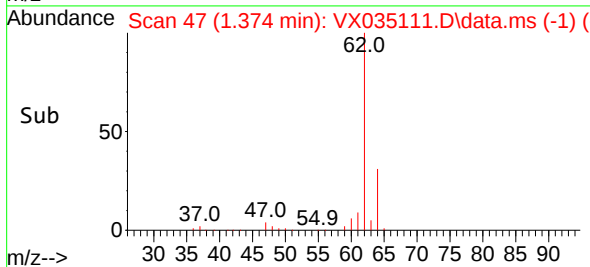
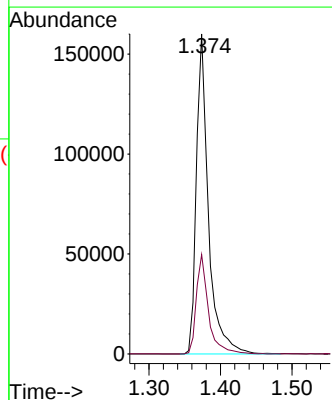
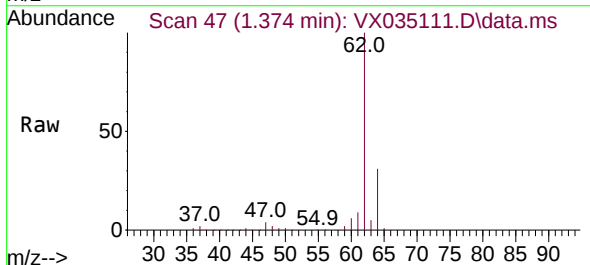
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

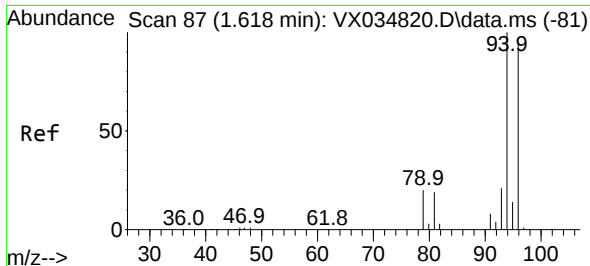
Tgt Ion: 50 Resp: 186571  
Ion Ratio Lower Upper  
50 100  
52 33.1 25.9 38.9



#4  
Vinyl Chloride  
Concen: 48.577 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 62 Resp: 187182  
Ion Ratio Lower Upper  
62 100  
64 31.0 26.4 39.6

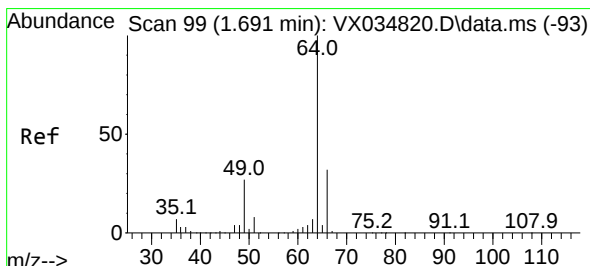
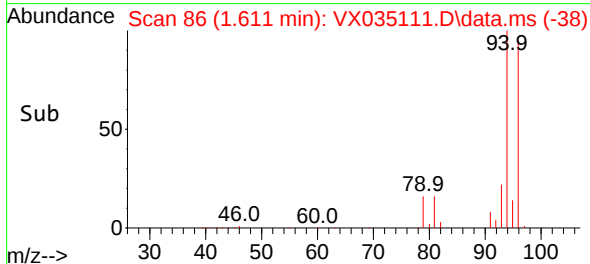
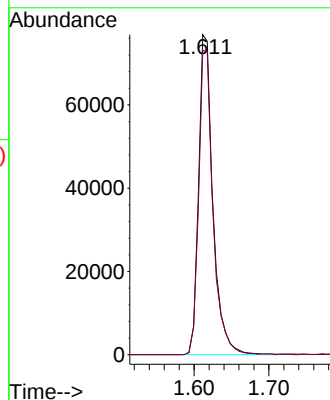
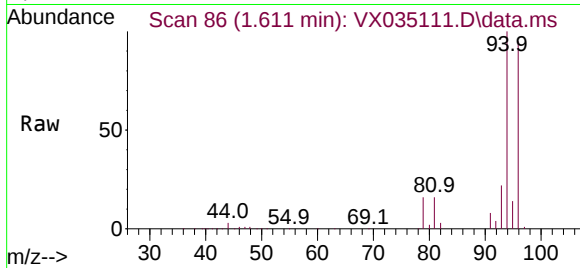




#5  
Bromomethane  
Concen: 40.795 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

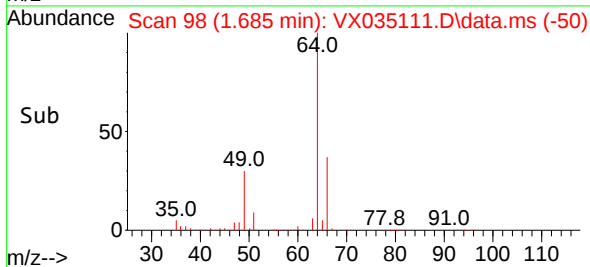
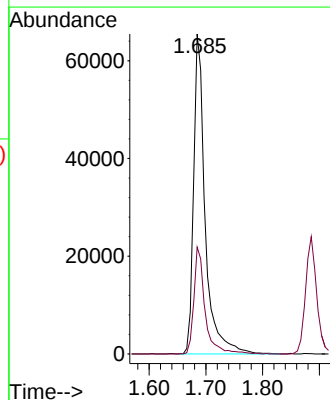
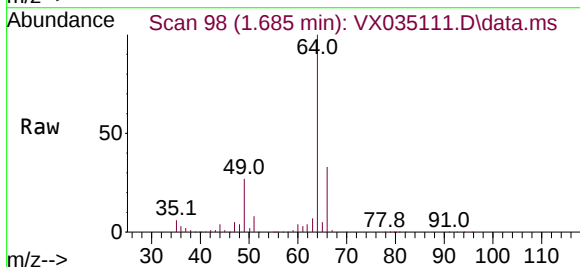
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

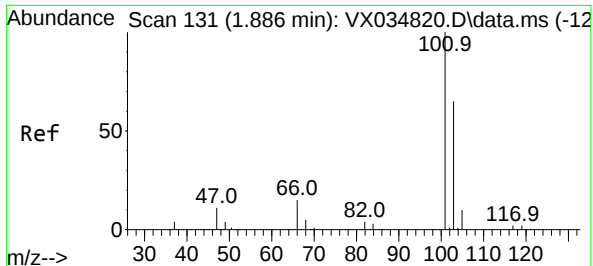
Tgt Ion: 94 Resp: 102148  
Ion Ratio Lower Upper  
94 100  
96 95.1 77.0 115.6



#6  
Chloroethane  
Concen: 37.065 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 64 Resp: 92922  
Ion Ratio Lower Upper  
64 100  
66 33.4 26.2 39.4

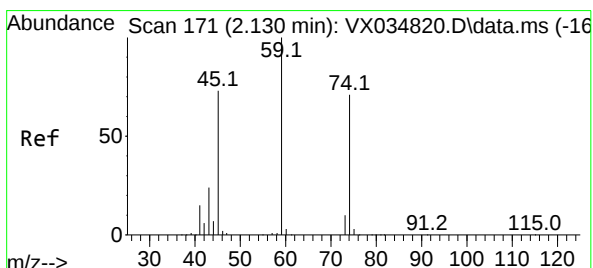
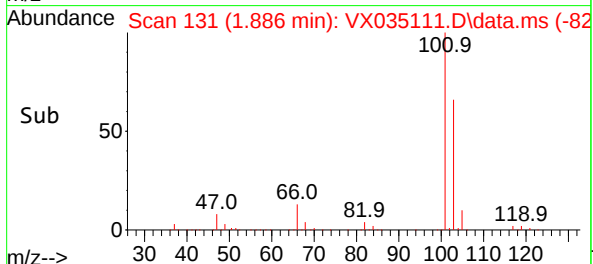
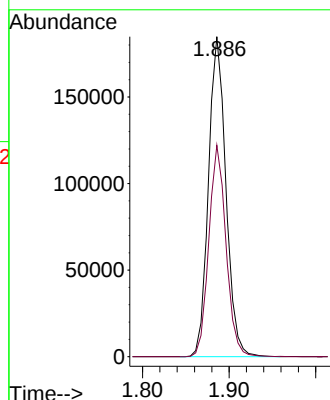
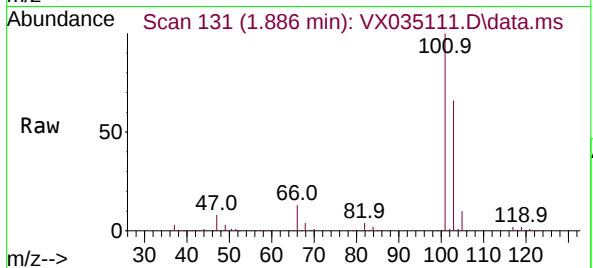




#7  
 Trichlorofluoromethane  
 Concen: 41.723 ug/l  
 RT: 1.886 min Scan# 131  
 Delta R.T. -0.000 min  
 Lab File: VX035111.D  
 Acq: 17 Apr 2023 16:53

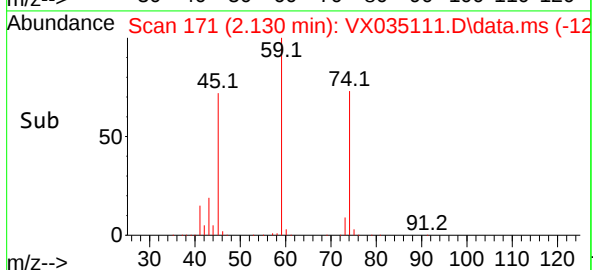
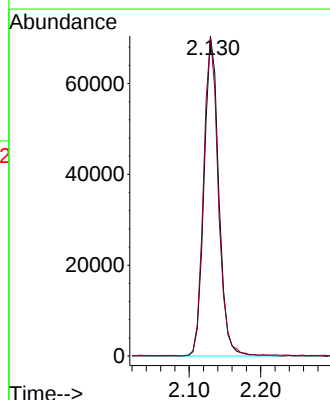
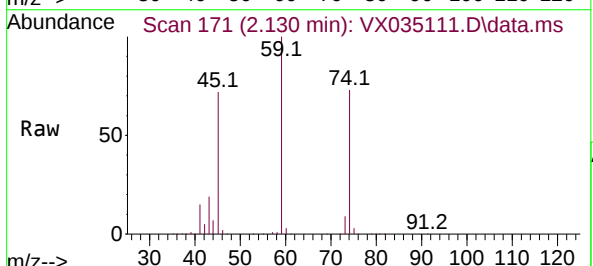
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

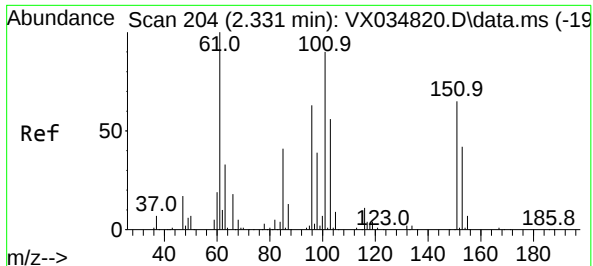
Tgt Ion:101 Resp: 258463  
 Ion Ratio Lower Upper  
 101 100  
 103 66.0 52.0 78.0



#8  
 Diethyl Ether  
 Concen: 45.990 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.000 min  
 Lab File: VX035111.D  
 Acq: 17 Apr 2023 16:53

Tgt Ion: 74 Resp: 100438  
 Ion Ratio Lower Upper  
 74 100  
 45 100.7 49.8 149.3

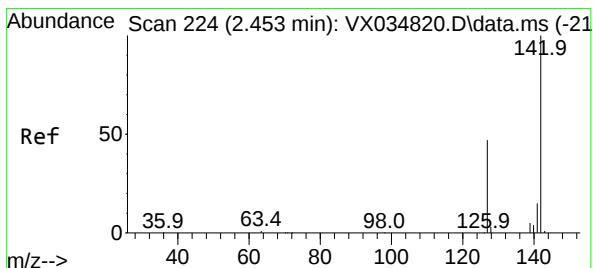
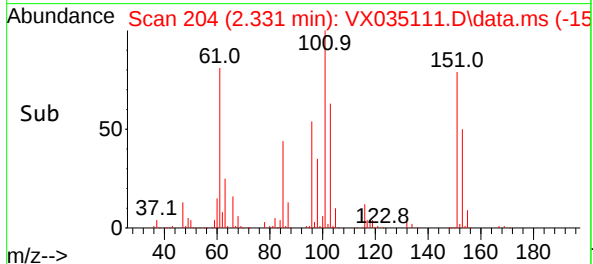
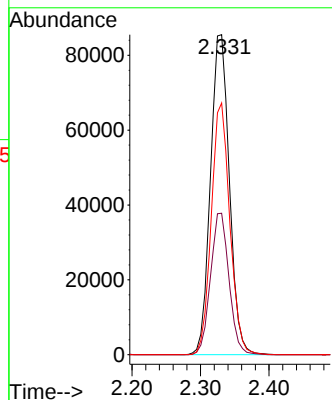
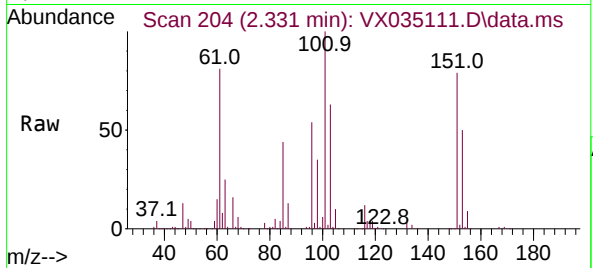




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.604 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

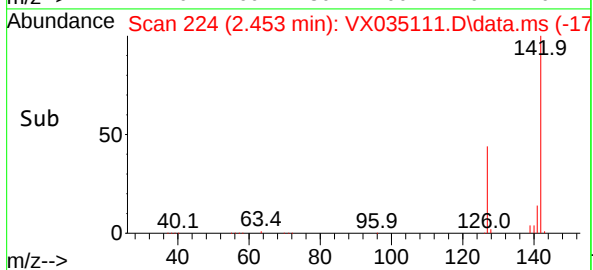
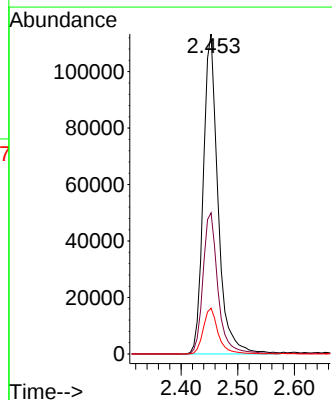
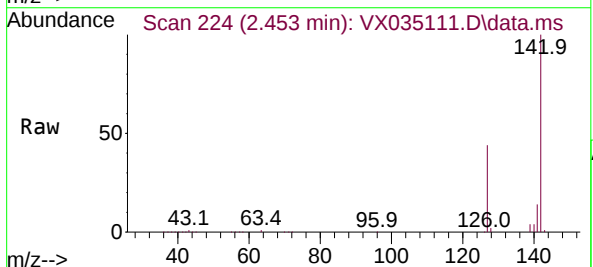
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

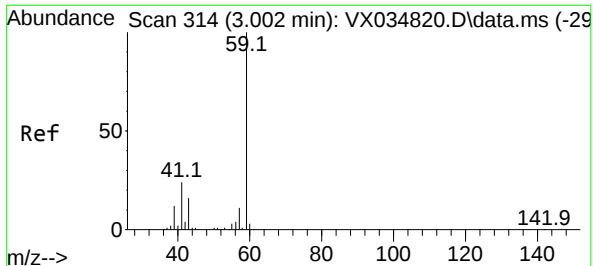
Tgt Ion:101 Resp: 163846  
Ion Ratio Lower Upper  
101 100  
85 43.2 35.4 53.2  
151 77.2 60.2 90.4



#10  
Methyl Iodide  
Concen: 50.705 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion:142 Resp: 204445  
Ion Ratio Lower Upper  
142 100  
127 44.9 34.0 51.0  
141 14.5 11.1 16.7

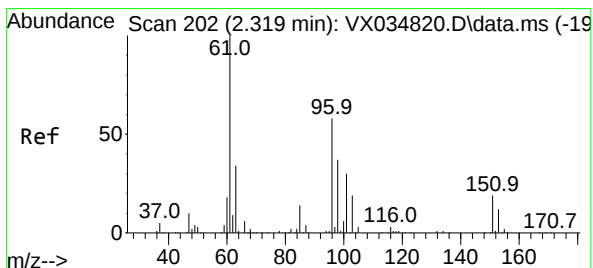
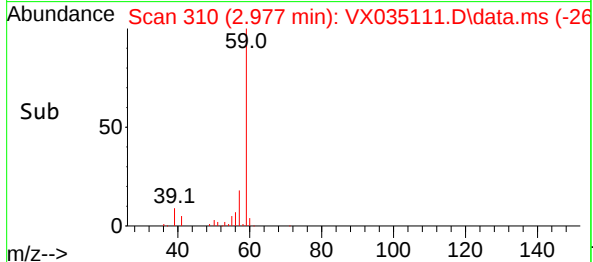
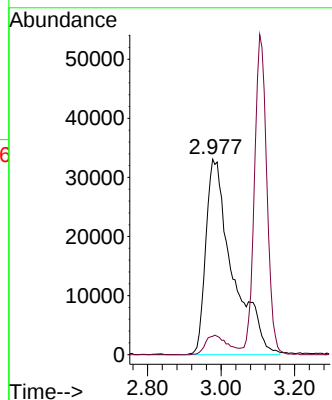
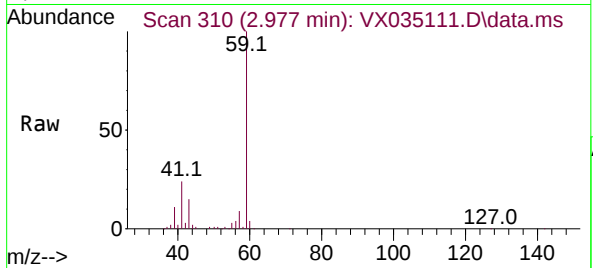




#11  
Tert butyl alcohol  
Concen: 199.479 ug/l m  
RT: 2.977 min Scan# 31  
Delta R.T. -0.024 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

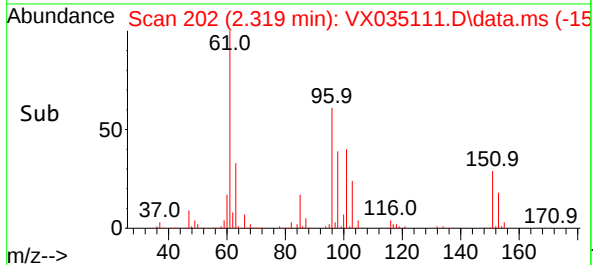
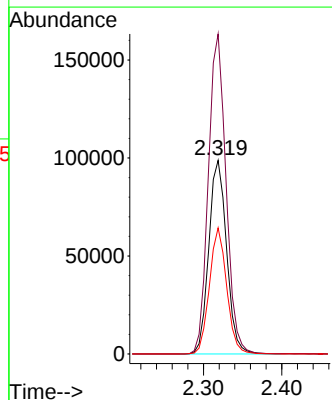
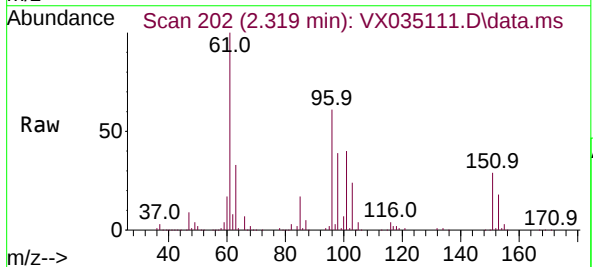
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

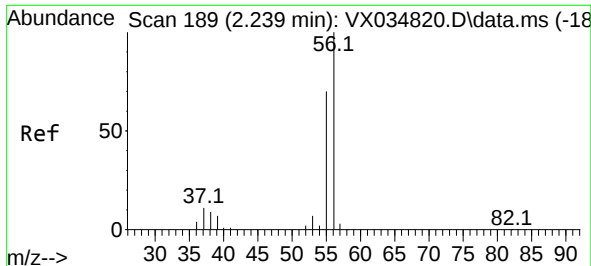
Tgt Ion: 59 Resp: 166808  
Ion Ratio Lower Upper  
59 100  
57 8.4 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 48.816 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 96 Resp: 156176  
Ion Ratio Lower Upper  
96 100  
61 165.3 128.8 193.2  
98 65.1 51.4 77.0

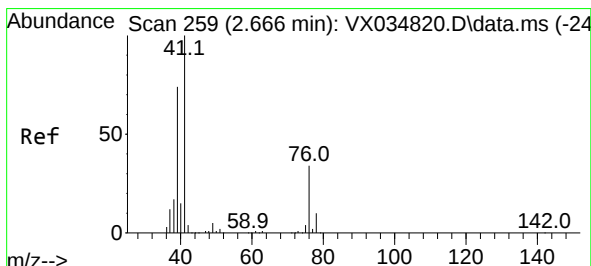
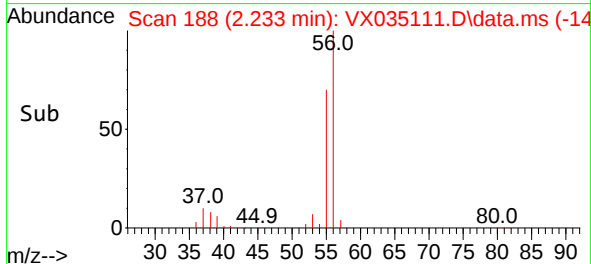
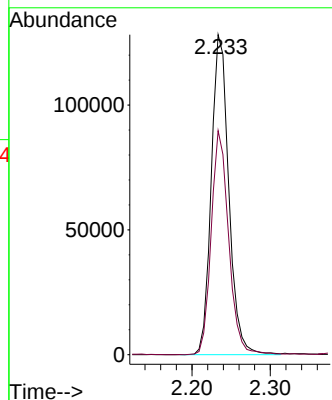
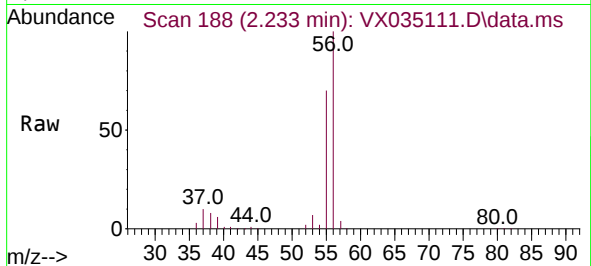




#13  
Acrolein  
Concen: 230.642 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

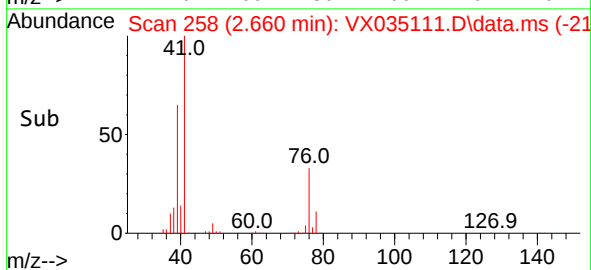
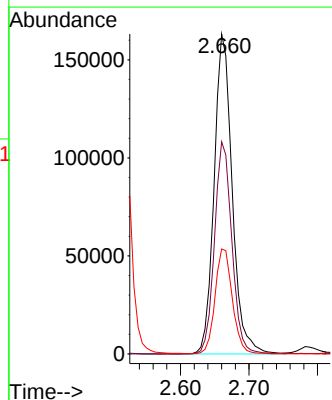
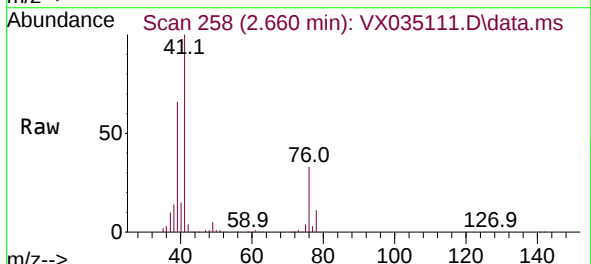
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

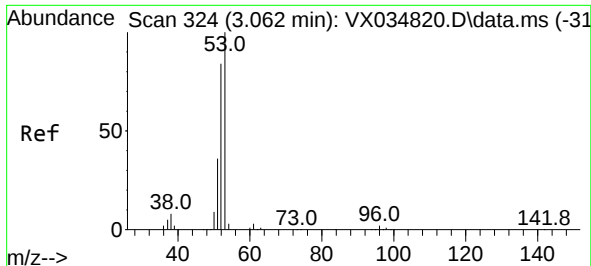
Tgt Ion: 56 Resp: 198539  
Ion Ratio Lower Upper  
56 100  
55 69.9 56.6 85.0



#14  
Allyl chloride  
Concen: 47.772 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 41 Resp: 299429  
Ion Ratio Lower Upper  
41 100  
39 63.6 52.4 78.6  
76 31.6 26.0 39.0

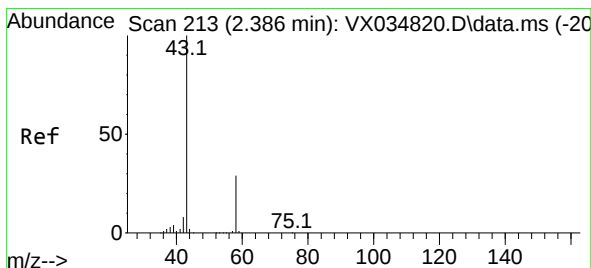
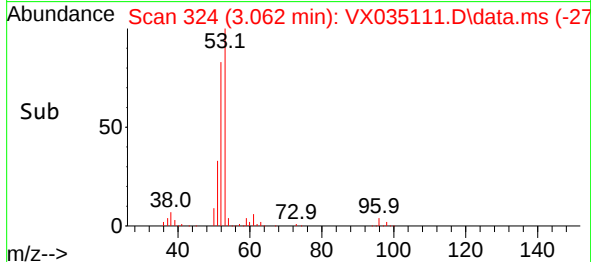
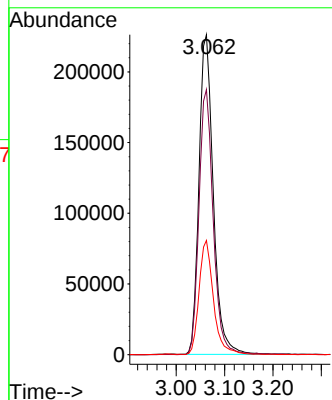
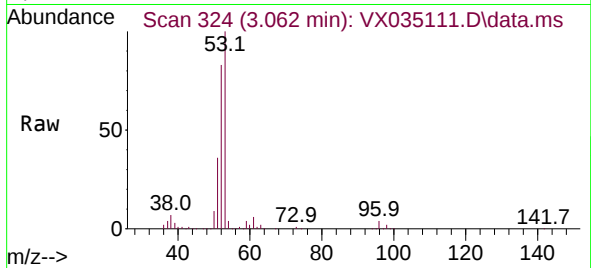




#15  
Acrylonitrile  
Concen: 246.488 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

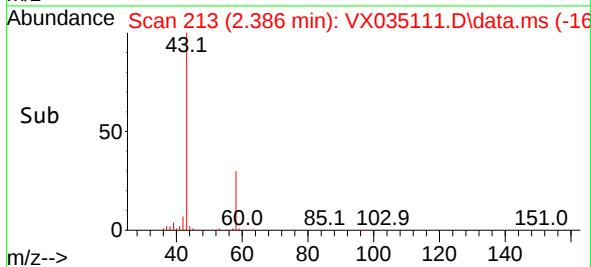
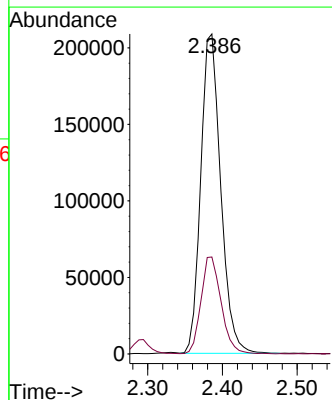
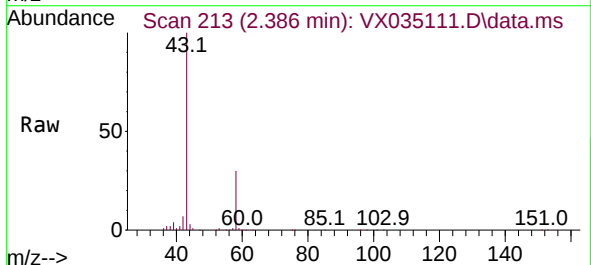
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

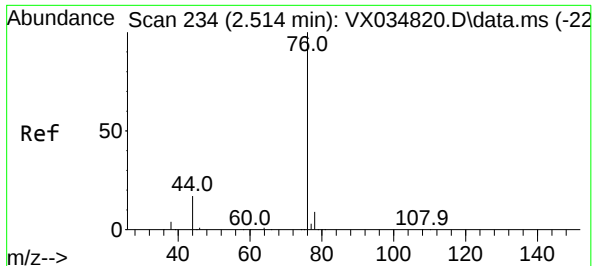
Tgt Ion: 53 Resp: 463959  
Ion Ratio Lower Upper  
53 100  
52 82.4 66.2 99.2  
51 35.7 28.3 42.5



#16  
Acetone  
Concen: 199.880 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 43 Resp: 386994  
Ion Ratio Lower Upper  
43 100  
58 30.3 24.7 37.1

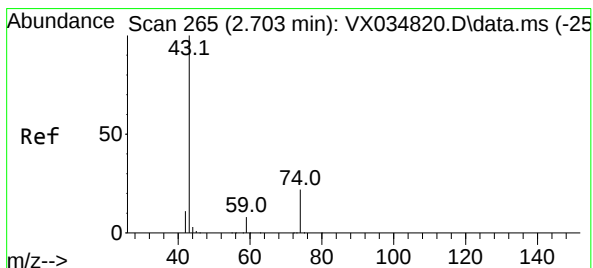
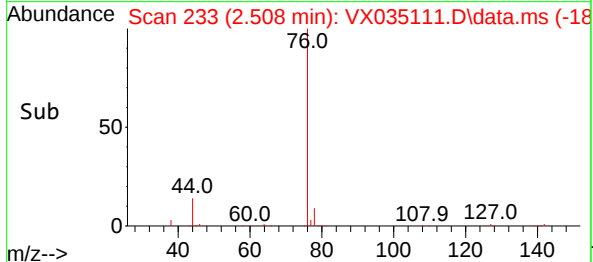
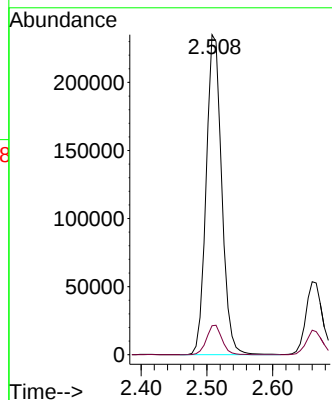
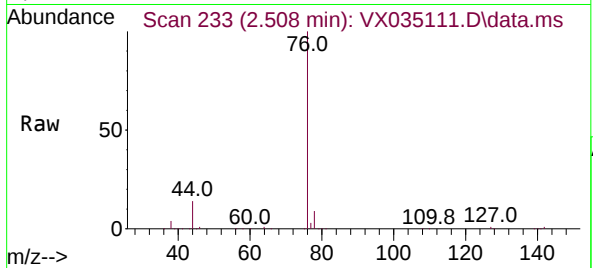




#17  
Carbon Disulfide  
Concen: 48.147 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

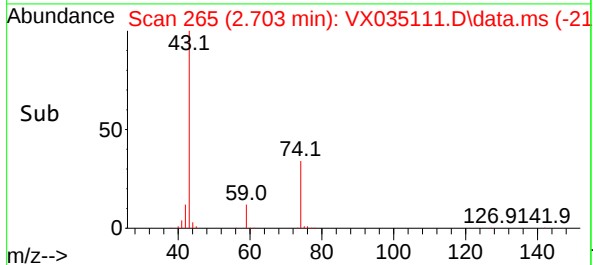
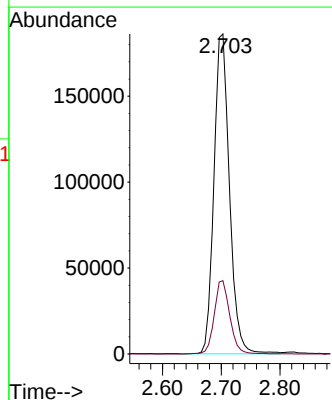
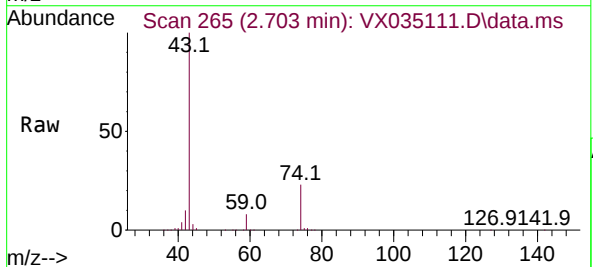
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

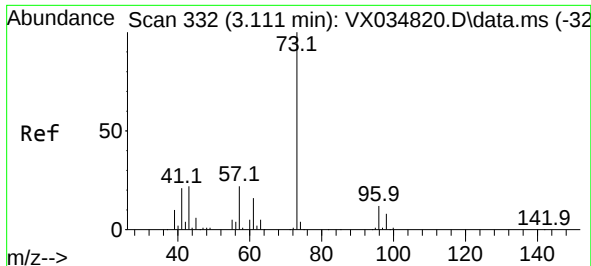
Tgt Ion: 76 Resp: 385784  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



#18  
Methyl Acetate  
Concen: 49.659 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 43 Resp: 341612  
Ion Ratio Lower Upper  
43 100  
74 23.0 18.3 27.5

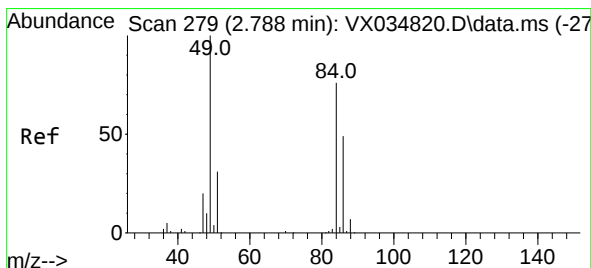
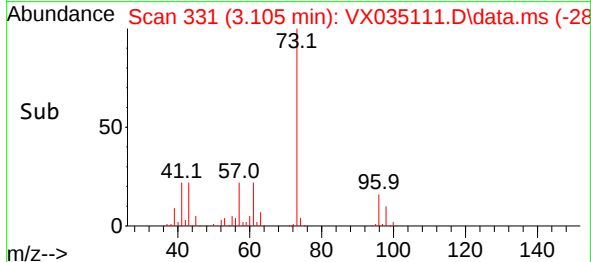
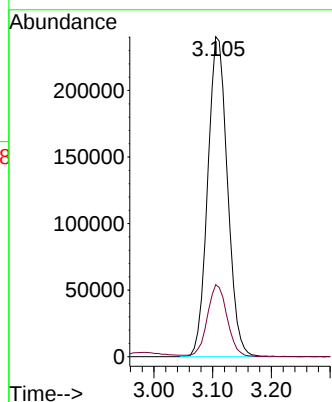
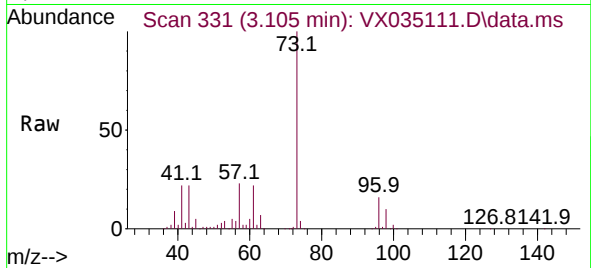




#19  
Methyl tert-butyl Ether  
Concen: 47.378 ug/l  
RT: 3.105 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

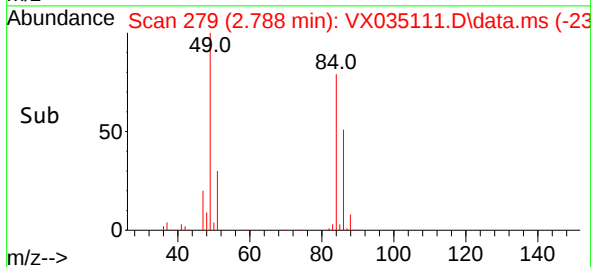
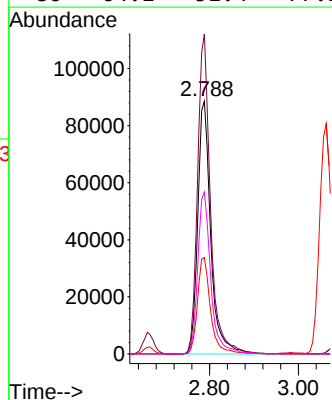
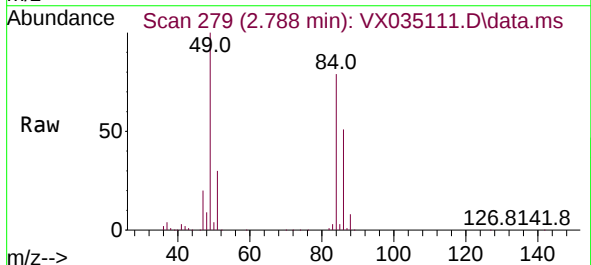
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

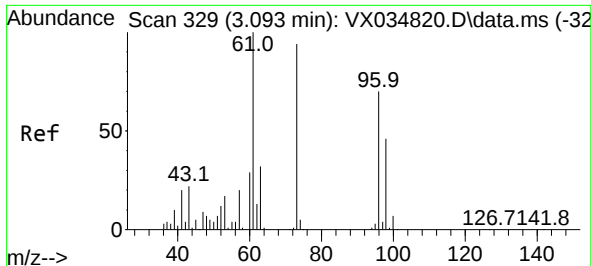
Tgt Ion: 73 Resp: 561205  
Ion Ratio Lower Upper  
73 100  
57 22.5 18.5 27.7



#20  
Methylene Chloride  
Concen: 47.044 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 84 Resp: 179737  
Ion Ratio Lower Upper  
84 100  
49 126.6 103.8 155.8  
51 38.2 31.8 47.8  
86 64.1 51.4 77.2

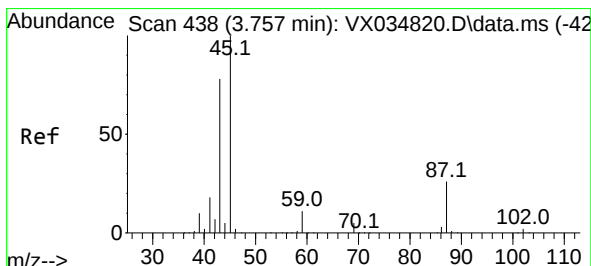
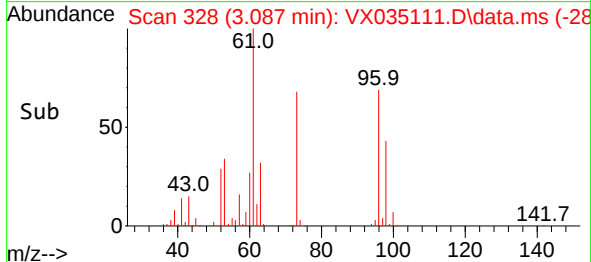
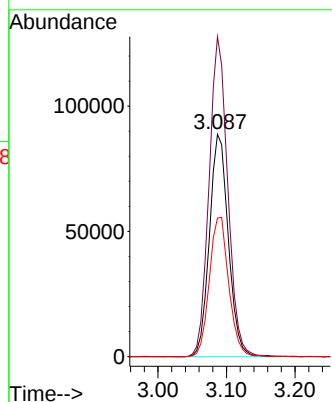
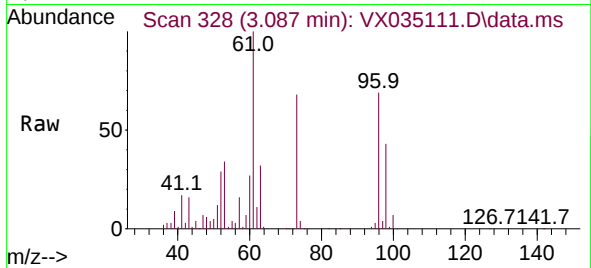




#21  
trans-1,2-Dichloroethene  
Concen: 48.803 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

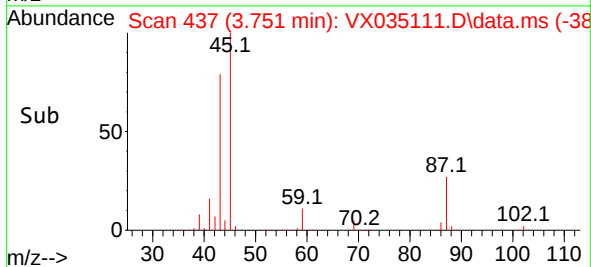
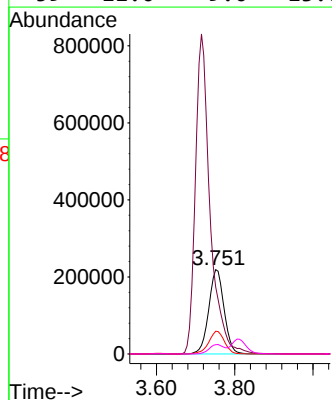
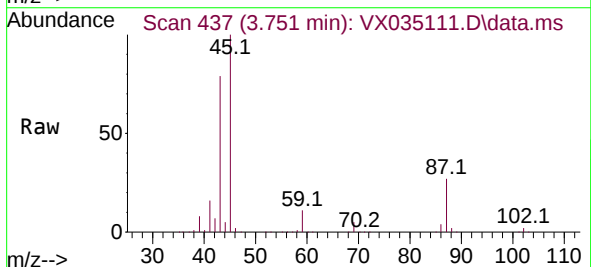
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

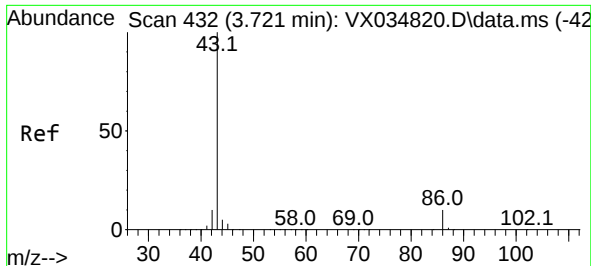
Tgt Ion: 96 Resp: 170286  
Ion Ratio Lower Upper  
96 100  
61 143.9 113.0 169.6  
98 62.3 52.1 78.1



#22  
Diisopropyl ether  
Concen: 46.810 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 45 Resp: 591993  
Ion Ratio Lower Upper  
45 100  
43 79.3 65.4 98.2  
87 26.9 20.6 31.0  
59 11.0 9.0 13.6

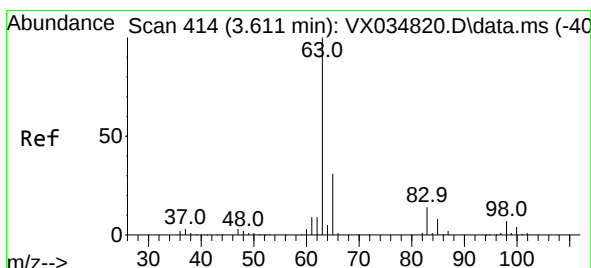
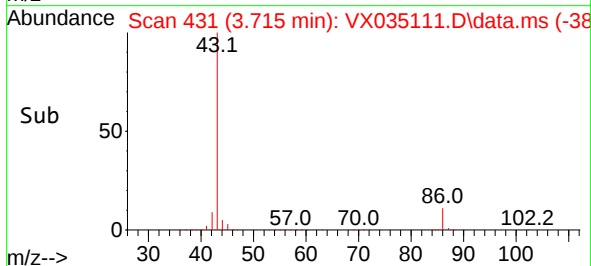
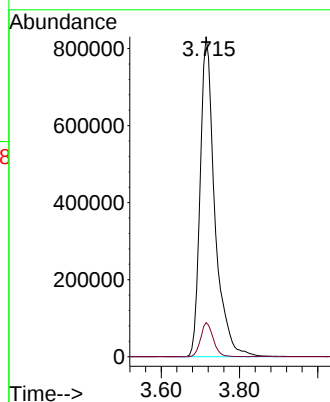
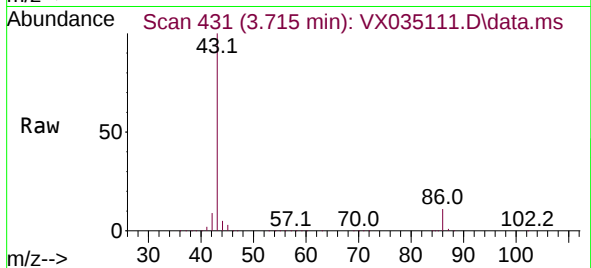




#23  
 Vinyl Acetate  
 Concen: 240.026 ug/l  
 RT: 3.715 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX035111.D  
 Acq: 17 Apr 2023 16:53

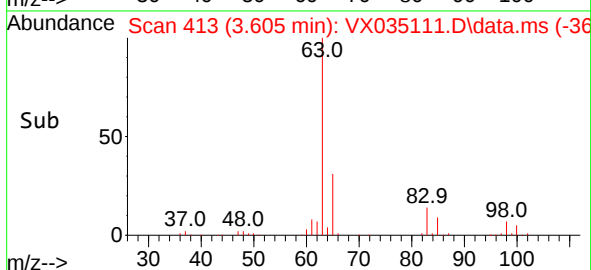
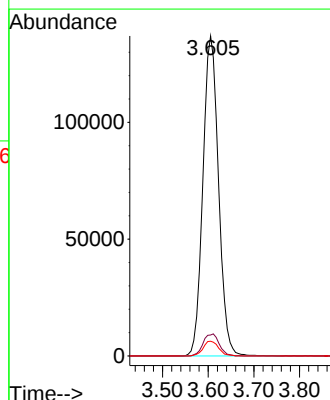
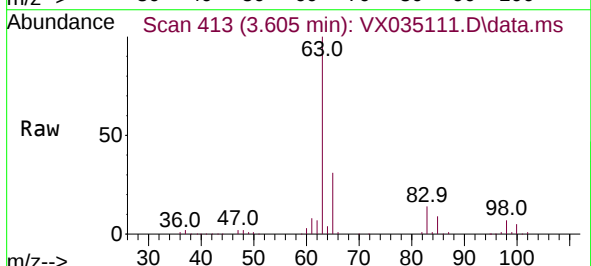
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

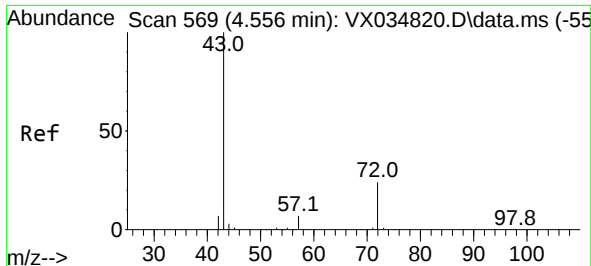
Tgt Ion: 43 Resp: 2164936  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 47.696 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX035111.D  
 Acq: 17 Apr 2023 16:53

Tgt Ion: 63 Resp: 324554  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.8 11.2  
 100 4.6 2.4 7.1

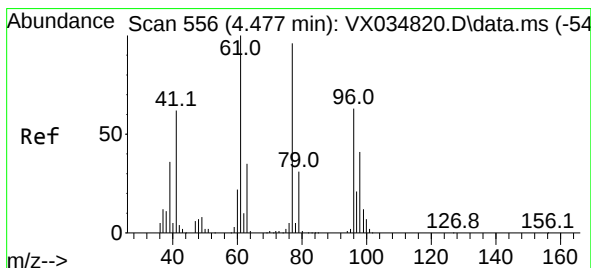
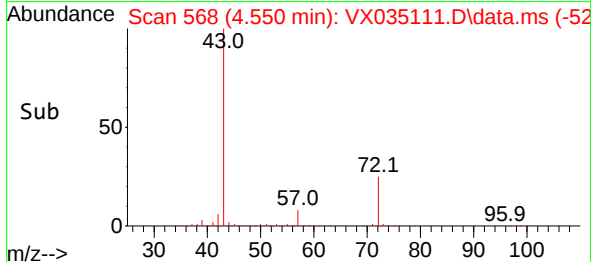
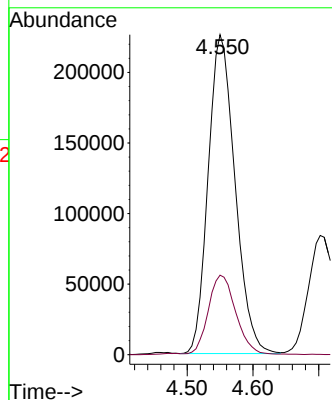
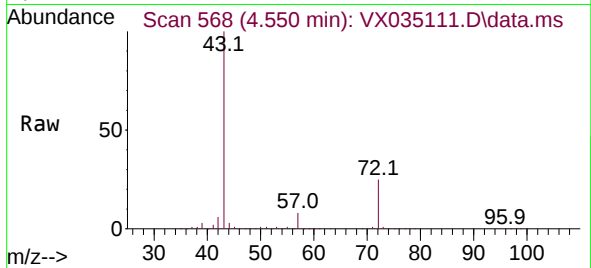




#25  
2-Butanone  
Concen: 227.633 ug/l  
RT: 4.550 min Scan# 569  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

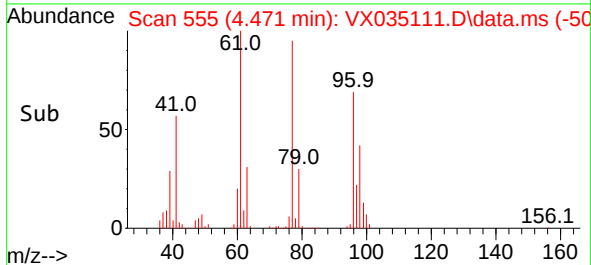
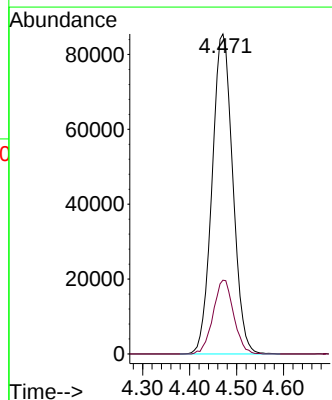
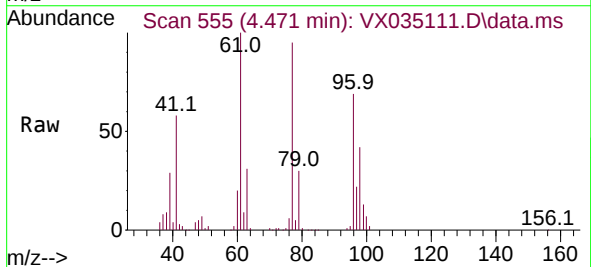
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

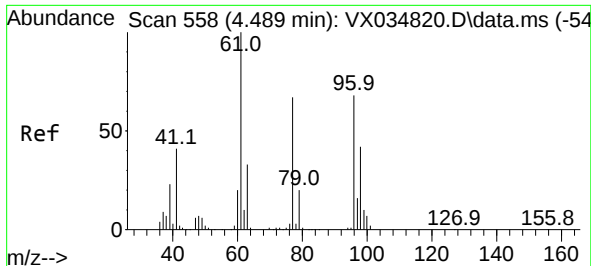
Tgt Ion: 43 Resp: 641096  
Ion Ratio Lower Upper  
43 100  
72 24.8 19.3 28.9



#26  
2,2-Dichloropropane  
Concen: 46.664 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 77 Resp: 261126  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.937 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

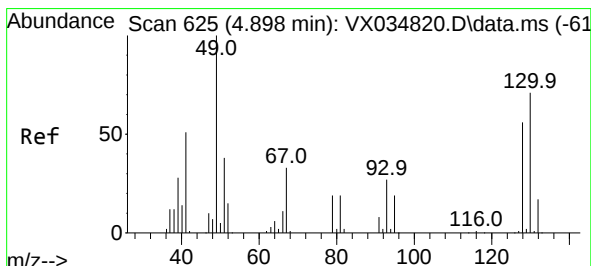
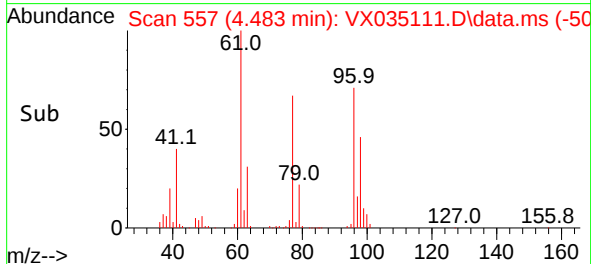
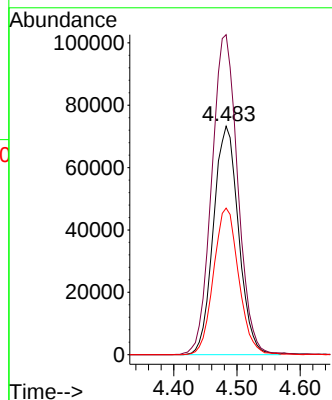
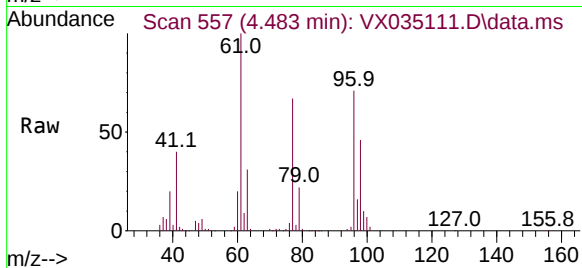
Tgt Ion: 96 Resp: 202325

Ion Ratio Lower Upper

96 100

61 145.2 0.0 300.4

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 44.671 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

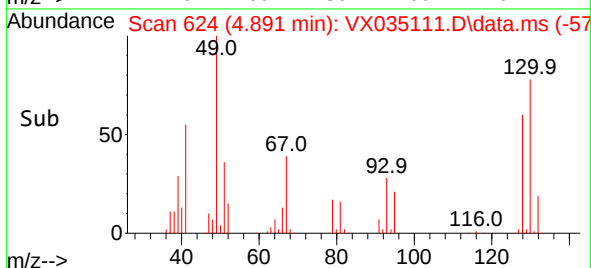
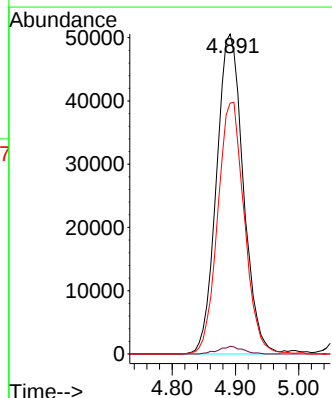
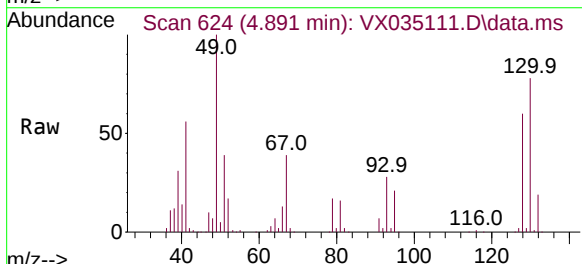
Tgt Ion: 49 Resp: 148694

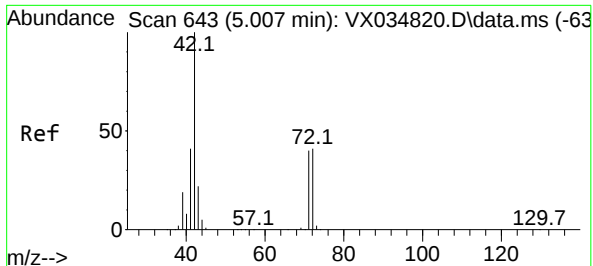
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 78.2 58.2 87.2





#29

Tetrahydrofuran

Concen: 235.914 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

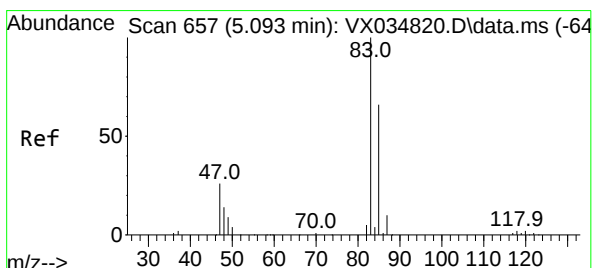
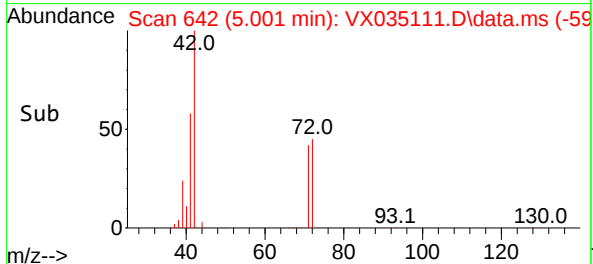
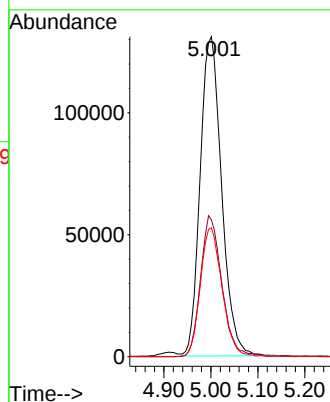
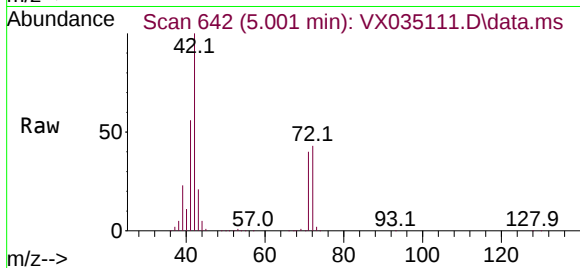
Tgt Ion: 42 Resp: 416230

Ion Ratio Lower Upper

42 100

72 43.8 34.5 51.7

71 40.7 32.1 48.1



#30

Chloroform

Concen: 47.074 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035111.D

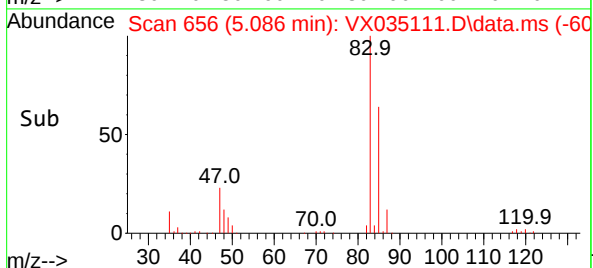
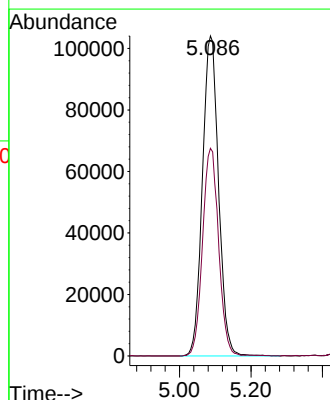
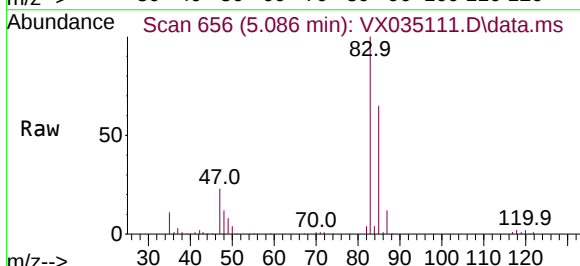
Acq: 17 Apr 2023 16:53

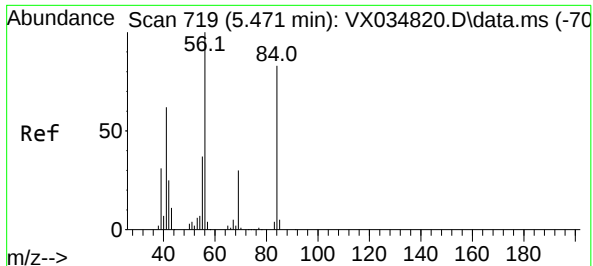
Tgt Ion: 83 Resp: 325343

Ion Ratio Lower Upper

83 100

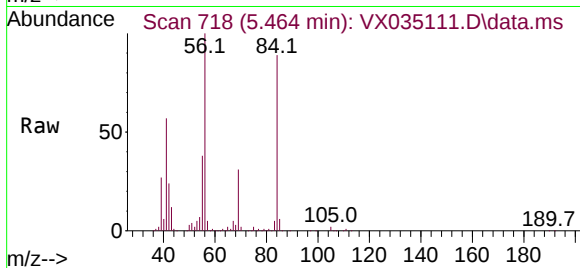
85 64.9 50.6 76.0





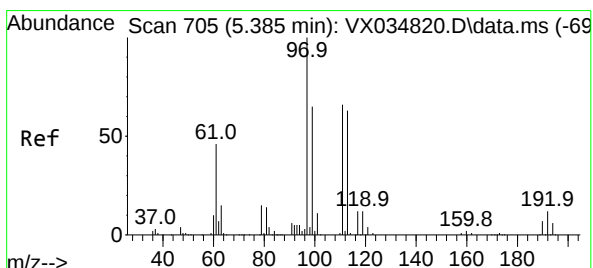
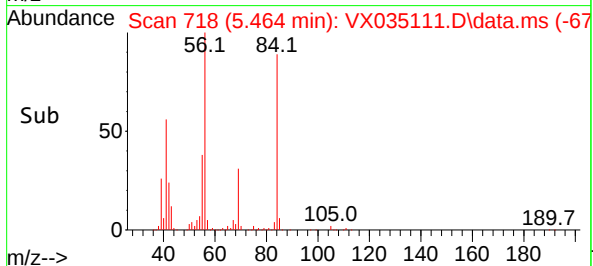
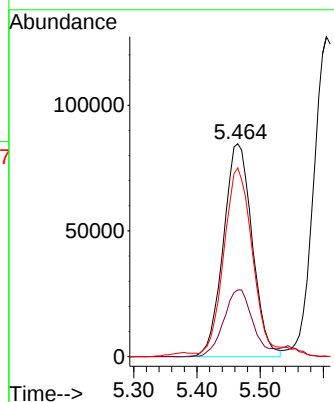
#31  
Cyclohexane  
Concen: 46.144 ug/l  
RT: 5.464 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 267794

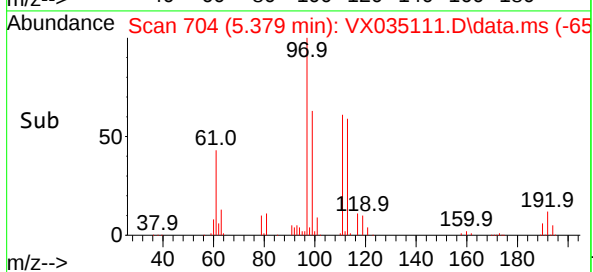
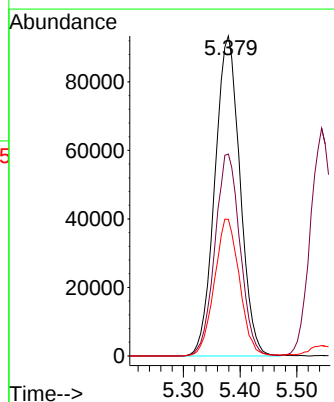
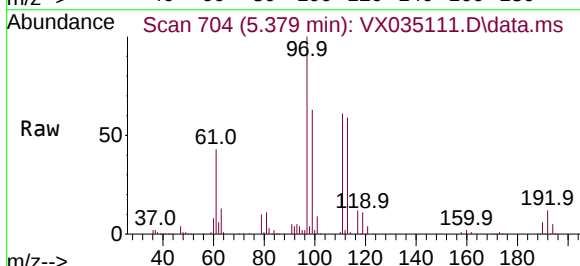
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.3  | 23.7  | 35.5  |
| 84  | 87.0  | 68.5  | 102.7 |

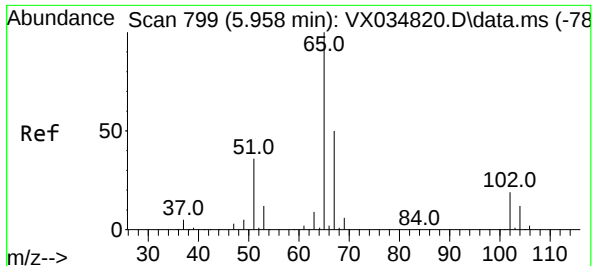


#32  
1,1,1-Trichloroethane  
Concen: 48.710 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 97 Resp: 287286

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.2  | 51.1  | 76.7  |
| 61  | 42.7  | 36.5  | 54.7  |





#33

1,2-Dichloroethane-d4

Concen: 41.303 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

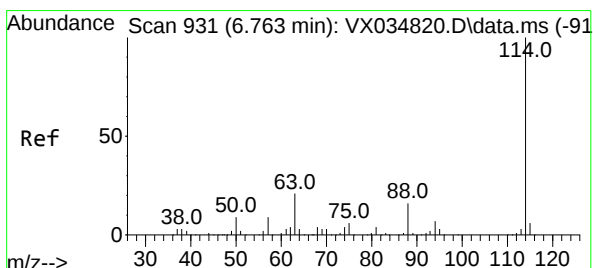
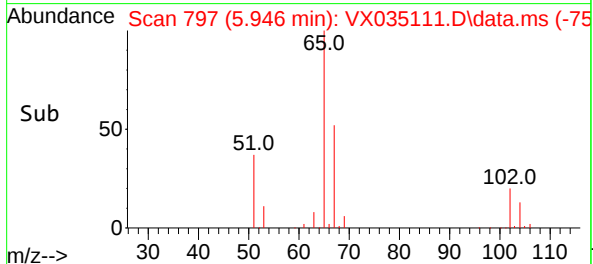
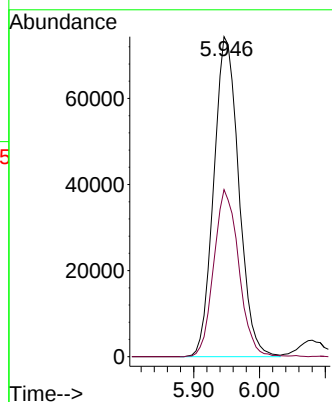
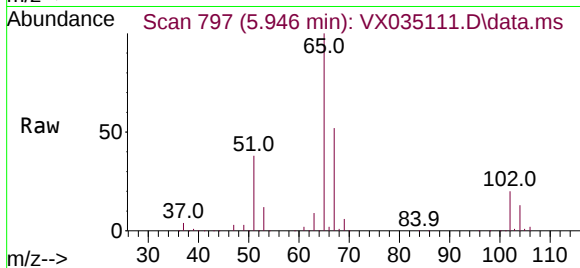
VSTDCCC050EC

Tgt Ion: 65 Resp: 196853

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

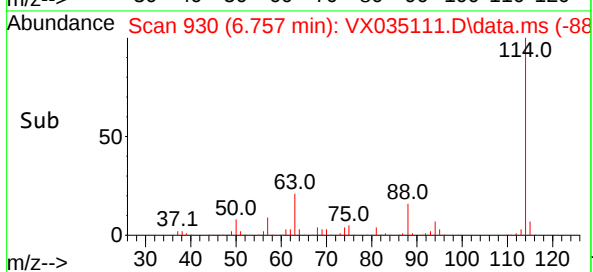
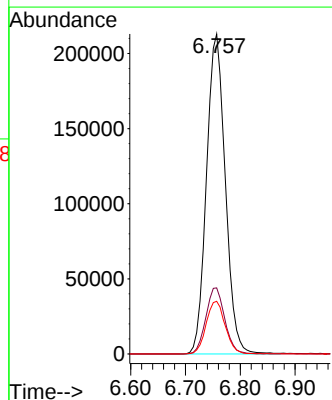
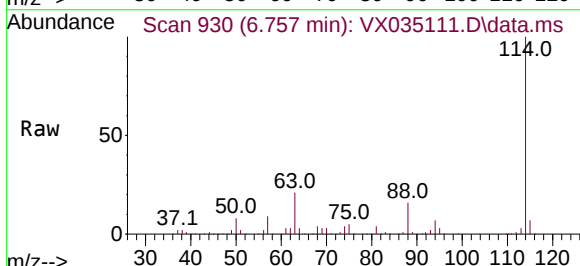
Tgt Ion: 114 Resp: 506134

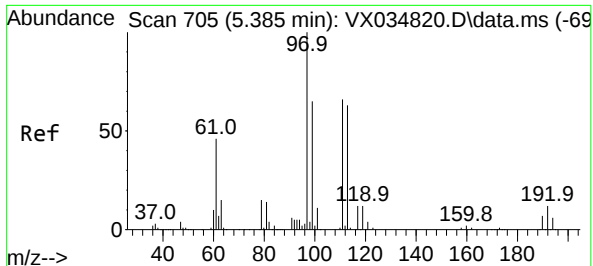
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.870 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

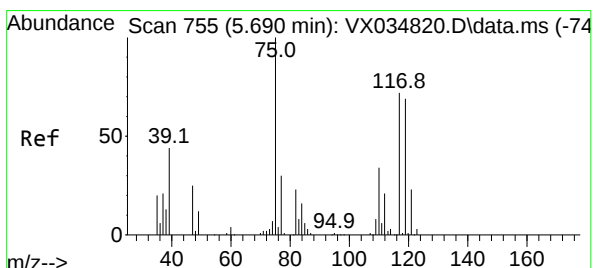
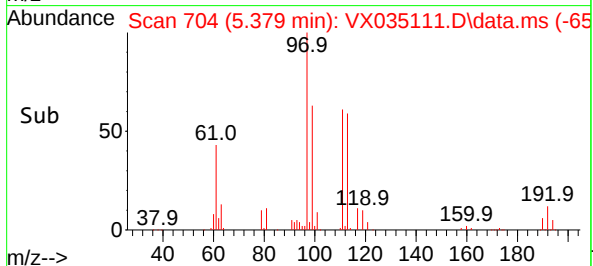
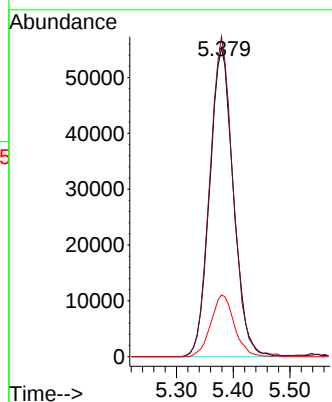
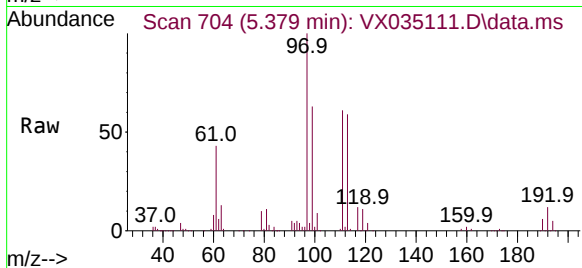
Tgt Ion:113 Resp: 160252

Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 19.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 49.336 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

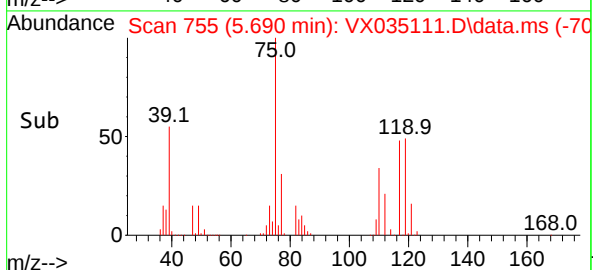
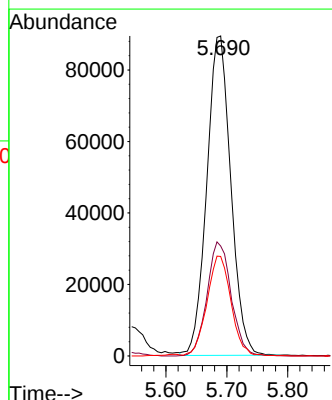
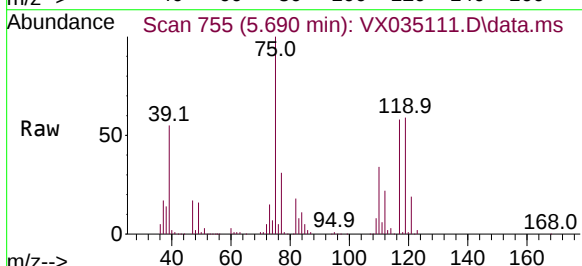
Tgt Ion: 75 Resp: 244691

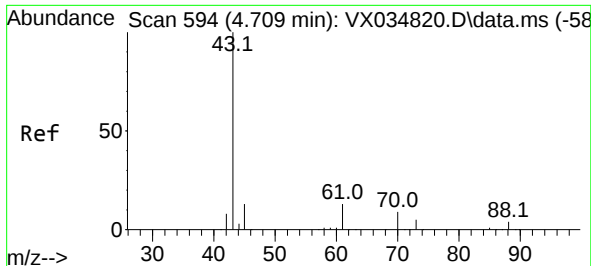
Ion Ratio Lower Upper

75 100

110 36.0 17.5 52.5

77 31.5 24.3 36.5





#37

Ethyl Acetate

Concen: 48.400 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

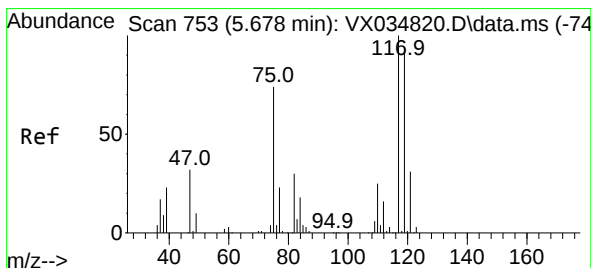
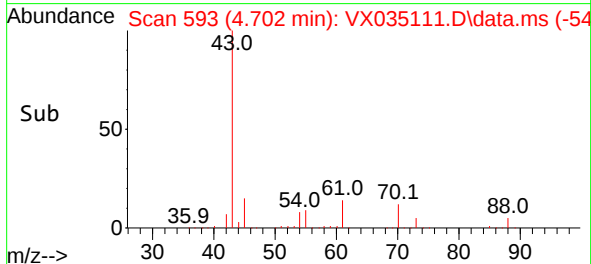
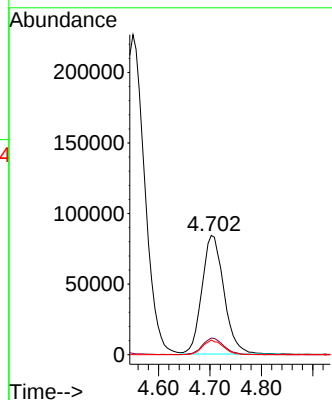
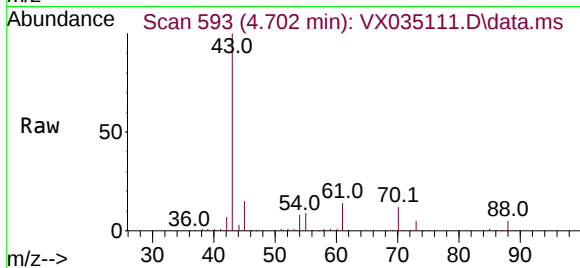
Tgt Ion: 43 Resp: 251000

Ion Ratio Lower Upper

43 100

61 13.5 10.2 15.4

70 11.4 8.2 12.4



#38

Carbon Tetrachloride

Concen: 51.790 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

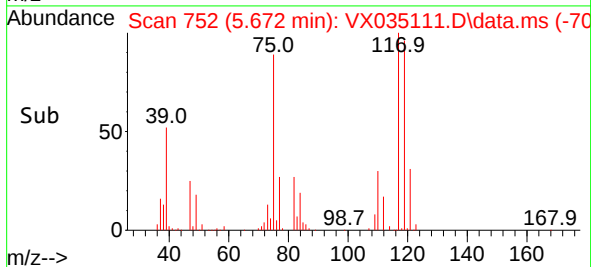
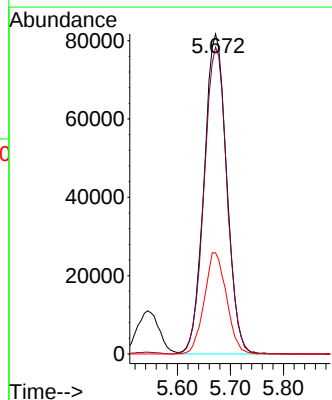
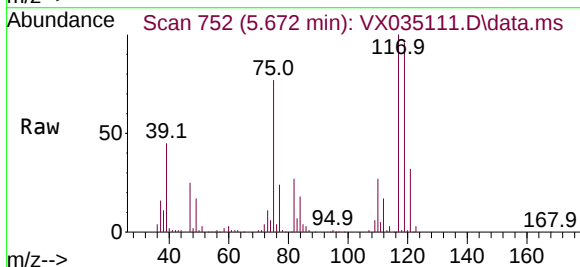
Tgt Ion: 117 Resp: 242170

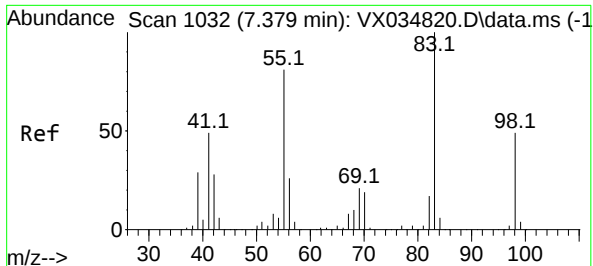
Ion Ratio Lower Upper

117 100

119 95.9 76.6 114.8

121 31.6 23.8 35.6





#39

Methylcyclohexane

Concen: 47.903 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

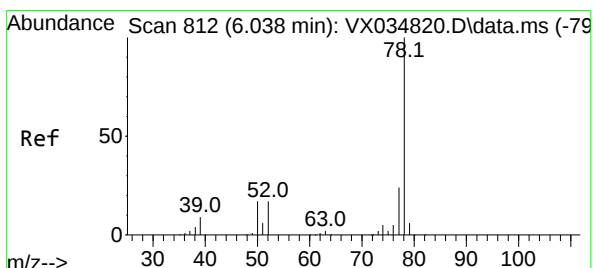
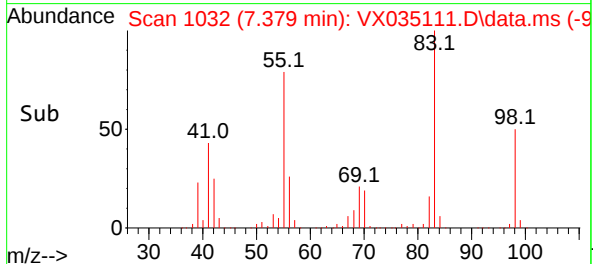
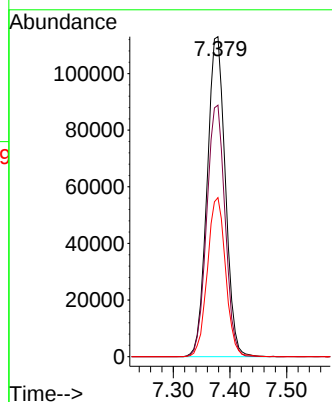
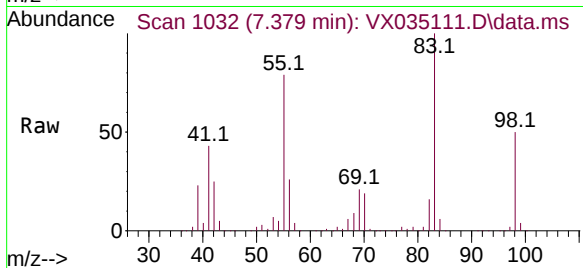
Tgt Ion: 83 Resp: 252289

Ion Ratio Lower Upper

83 100

55 78.6 60.5 90.7

98 49.7 40.4 60.6



#40

Benzene

Concen: 50.159 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX035111.D

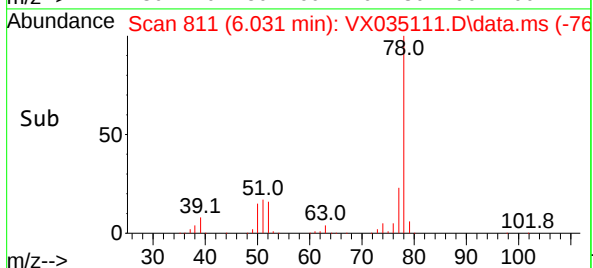
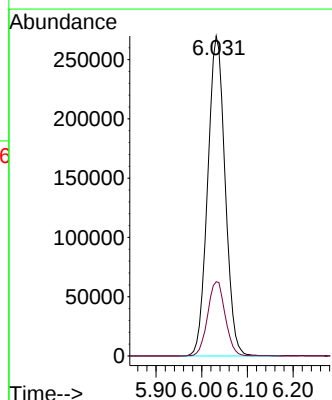
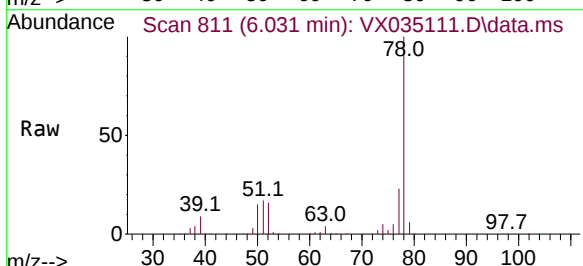
Acq: 17 Apr 2023 16:53

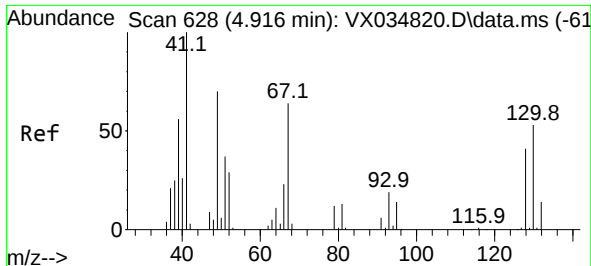
Tgt Ion: 78 Resp: 714121

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4



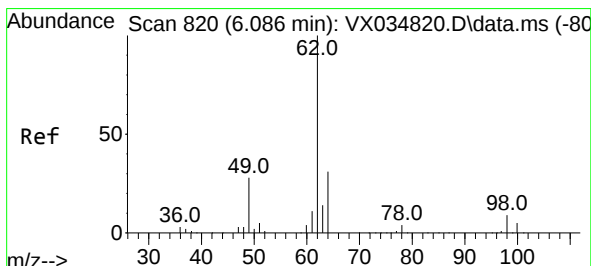
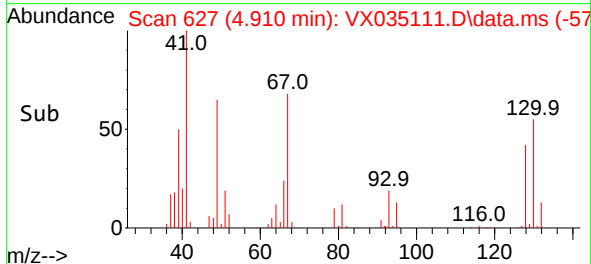
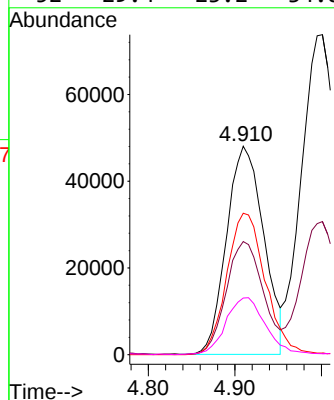
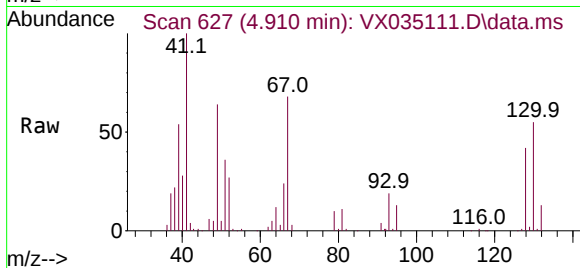


#41  
Methacrylonitrile  
Concen: 50.863 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 143449

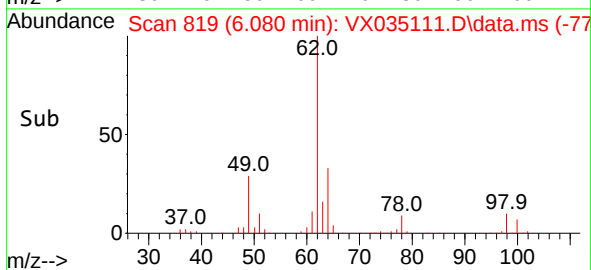
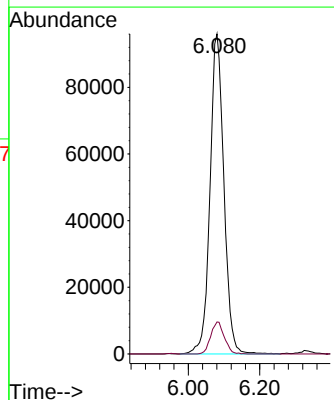
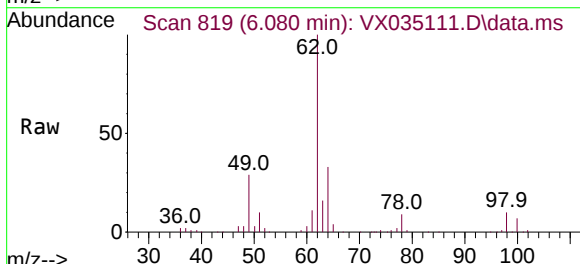
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.9  | 45.0  | 67.6  |
| 67  | 70.7  | 55.6  | 83.4  |
| 52  | 29.4  | 23.2  | 34.8  |

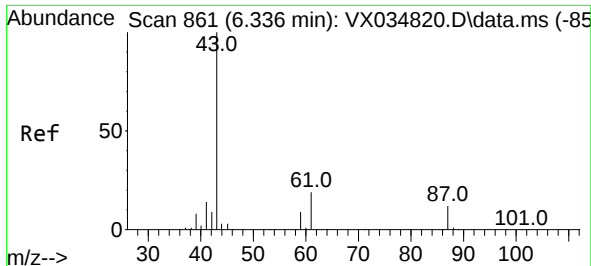


#42  
1,2-Dichloroethane  
Concen: 45.747 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 62 Resp: 258937

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.8   | 0.0   | 18.0  |

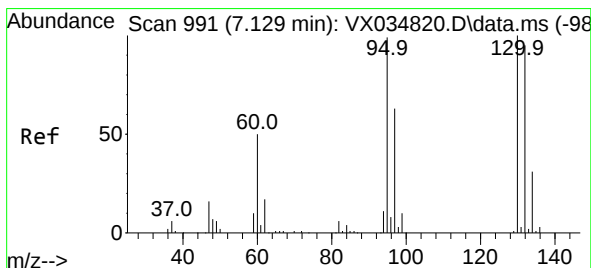
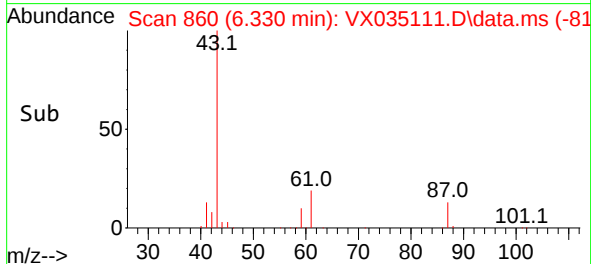
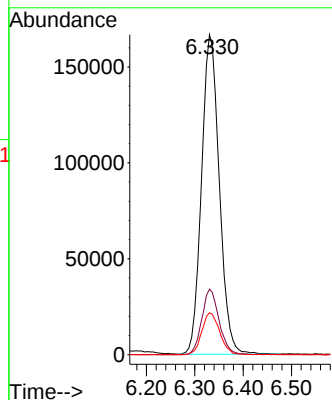
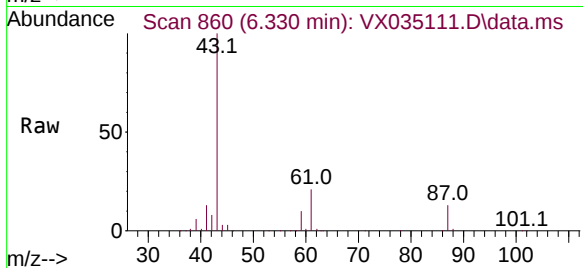




#43  
Isopropyl Acetate  
Concen: 49.043 ug/l  
RT: 6.330 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

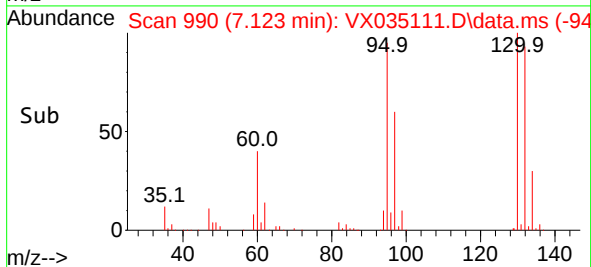
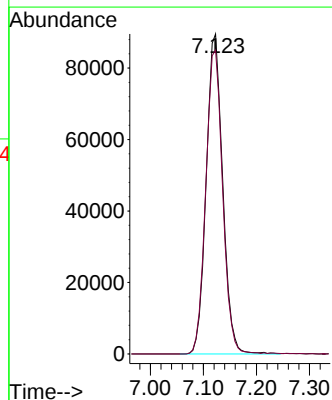
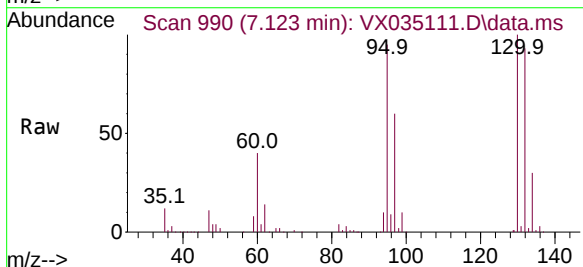
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

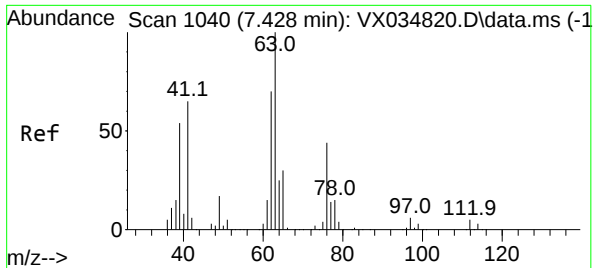
Tgt Ion: 43 Resp: 425505  
Ion Ratio Lower Upper  
43 100  
61 19.9 15.2 22.8  
87 13.2 9.8 14.8



#44  
Trichloroethene  
Concen: 53.167 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion:130 Resp: 193225  
Ion Ratio Lower Upper  
130 100  
95 95.0 0.0 198.4

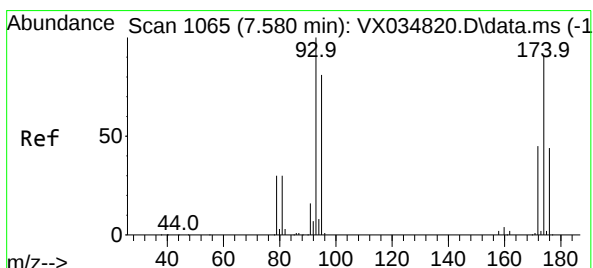
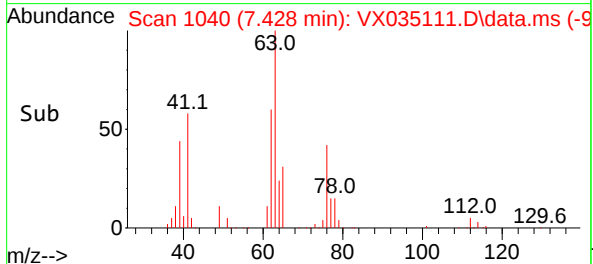
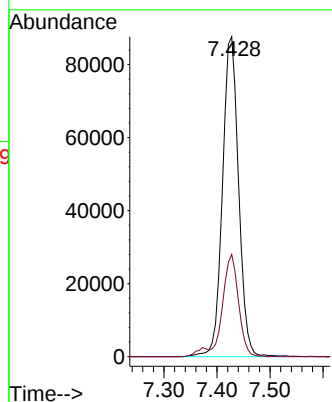
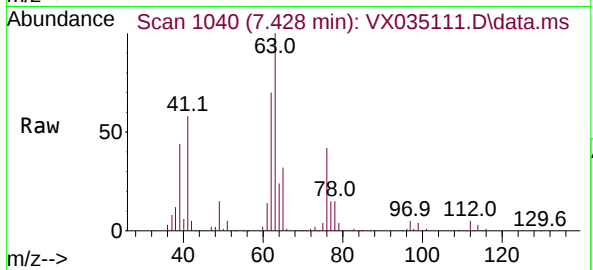




#45  
1,2-Dichloropropane  
Concen: 49.898 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

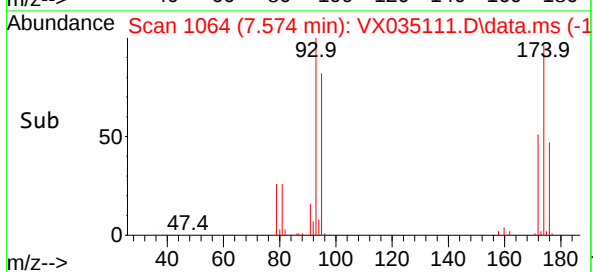
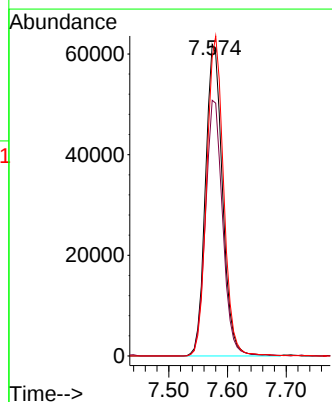
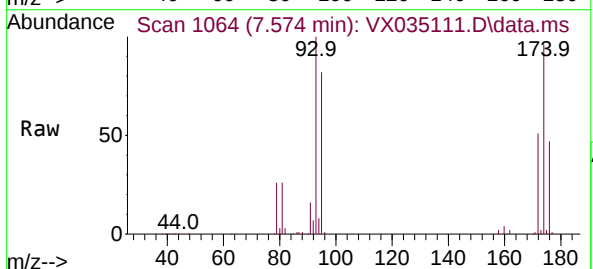
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

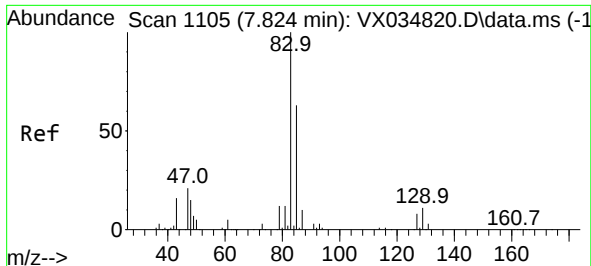
Tgt Ion: 63 Resp: 185123  
Ion Ratio Lower Upper  
63 100  
65 32.0 24.6 37.0



#46  
Dibromomethane  
Concen: 48.833 ug/l  
RT: 7.574 min Scan# 1064  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 93 Resp: 124653  
Ion Ratio Lower Upper  
93 100  
95 82.7 66.9 100.3  
174 101.6 75.4 113.0

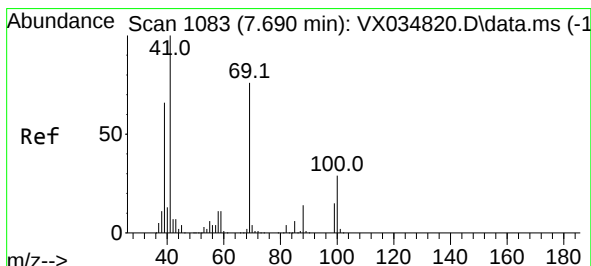
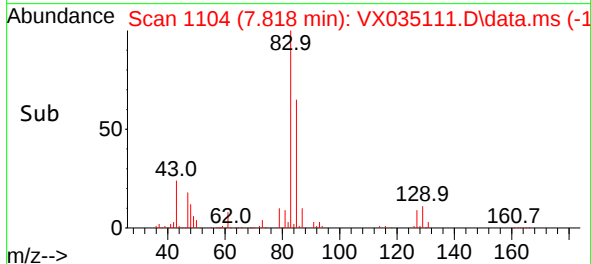
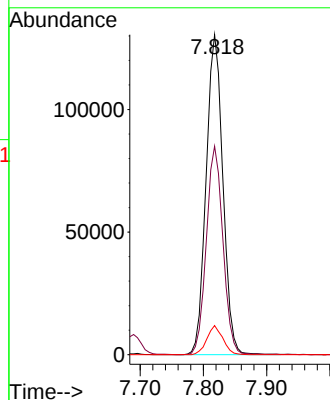
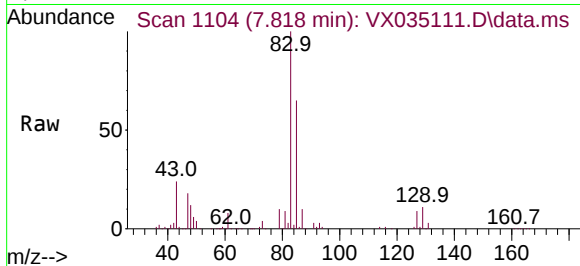




#47  
Bromodichloromethane  
Concen: 51.141 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

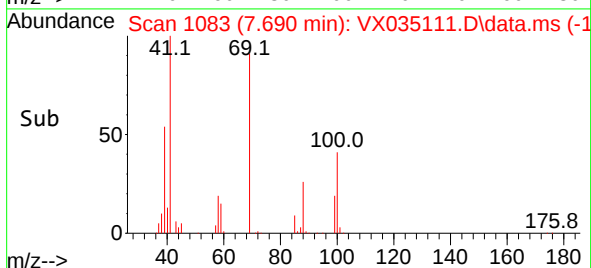
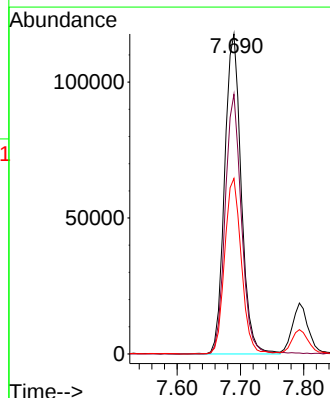
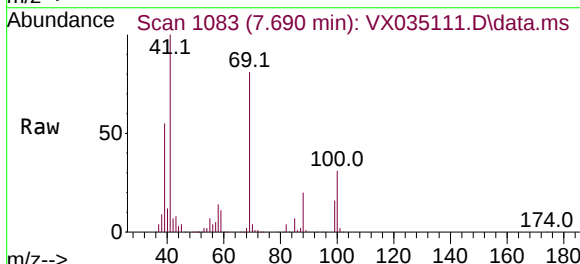
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

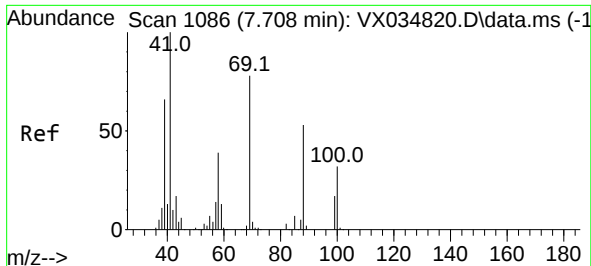
Tgt Ion: 83 Resp: 241135  
Ion Ratio Lower Upper  
83 100  
85 65.2 52.2 78.4  
127 9.1 6.6 9.8



#48  
Methyl methacrylate  
Concen: 50.206 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 41 Resp: 213922  
Ion Ratio Lower Upper  
41 100  
69 79.6 62.2 93.4  
39 55.2 47.7 71.5





#49

1,4-Dioxane

Concen: 834.259 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.012 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

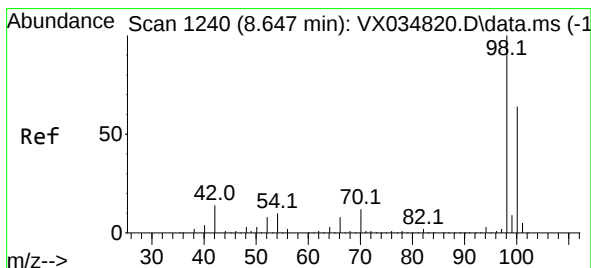
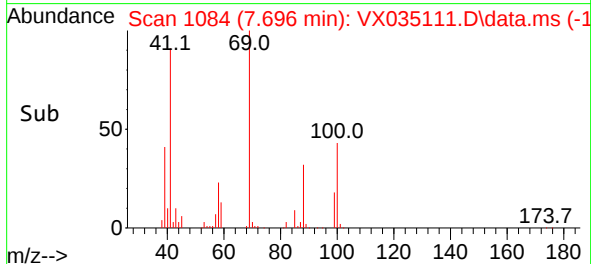
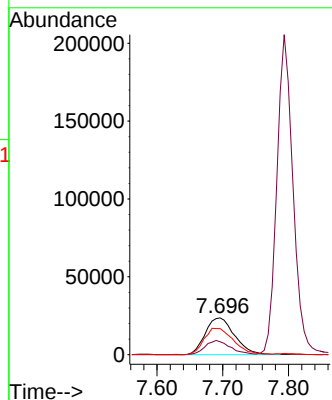
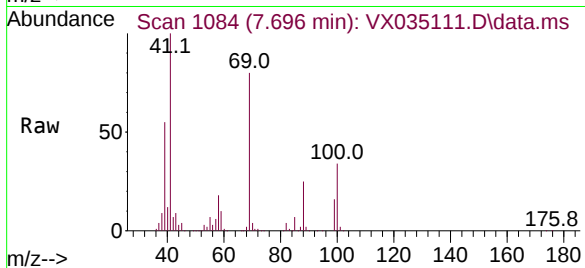
Tgt Ion: 88 Resp: 73255

Ion Ratio Lower Upper

88 100

43 32.8 27.7 41.5

58 71.8 56.8 85.2



#50

Toluene-d8

Concen: 46.884 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035111.D

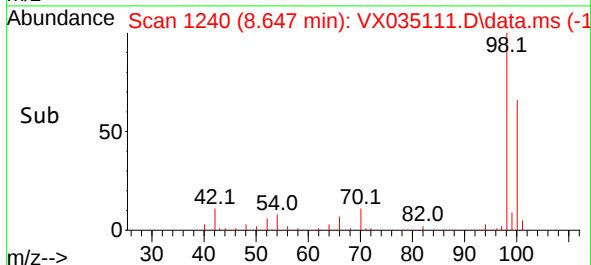
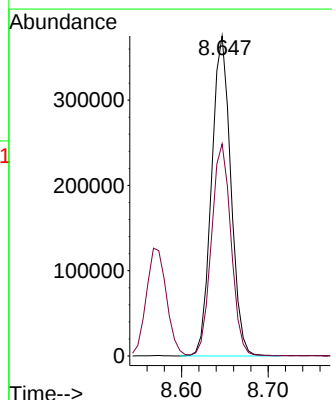
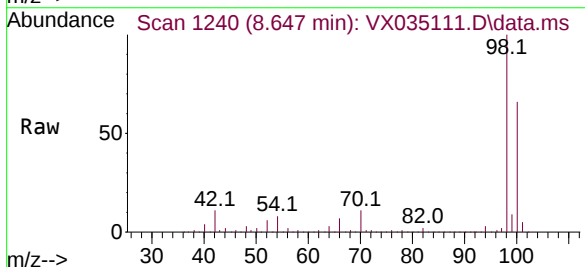
Acq: 17 Apr 2023 16:53

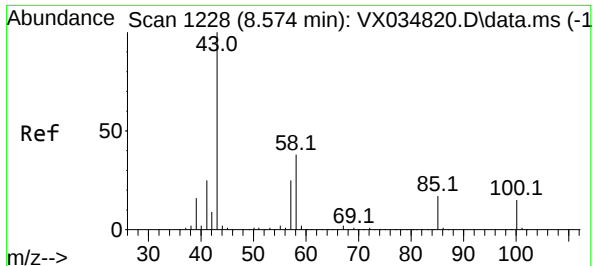
Tgt Ion: 98 Resp: 579325

Ion Ratio Lower Upper

98 100

100 67.2 52.5 78.7

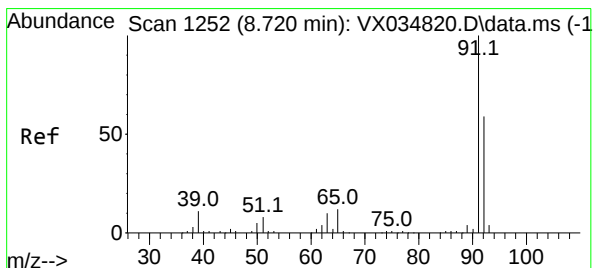
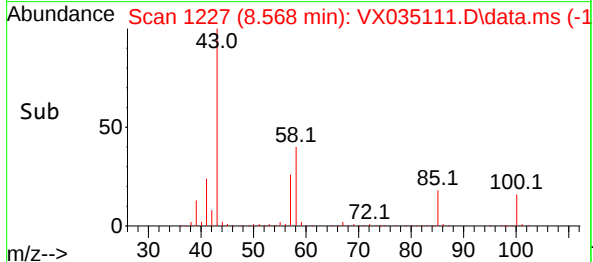
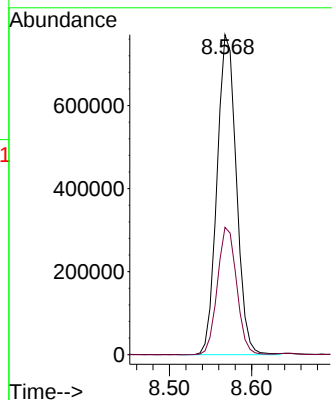
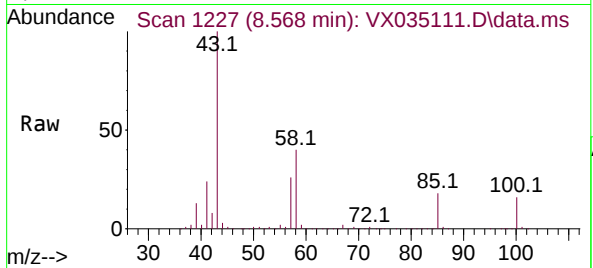




#51  
4-Methyl-2-Pentanone  
Concen: 245.375 ug/l  
RT: 8.568 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

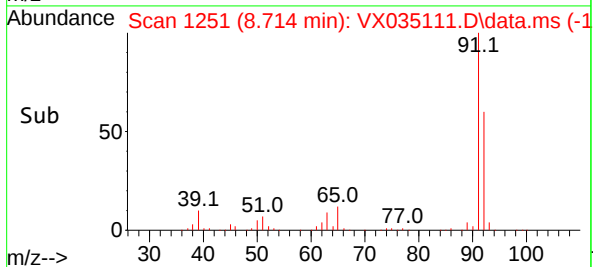
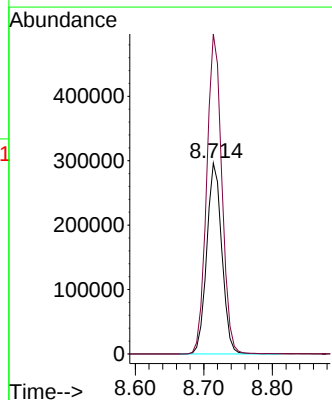
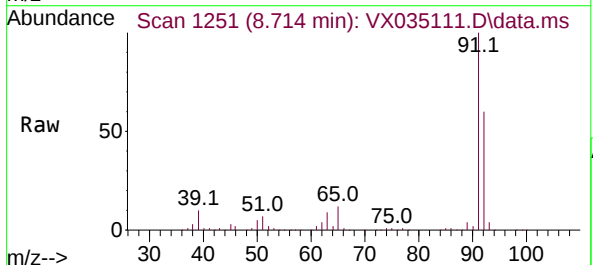
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

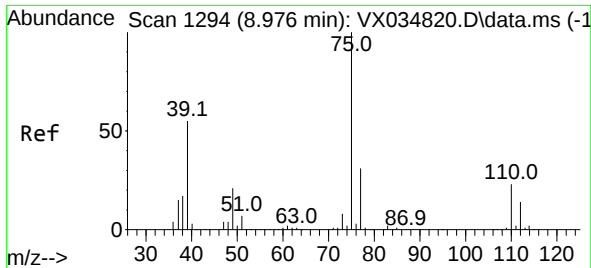
Tgt Ion: 43 Resp: 1259968  
Ion Ratio Lower Upper  
43 100  
58 39.6 30.6 46.0



#52  
Toluene  
Concen: 49.011 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 92 Resp: 454966  
Ion Ratio Lower Upper  
92 100  
91 167.9 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 53.838 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

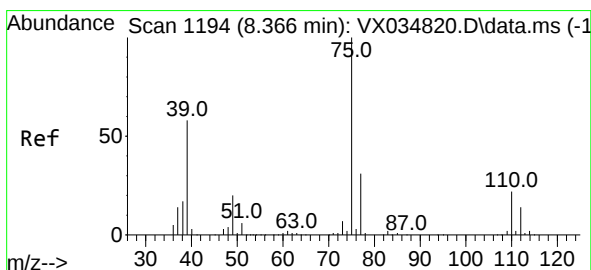
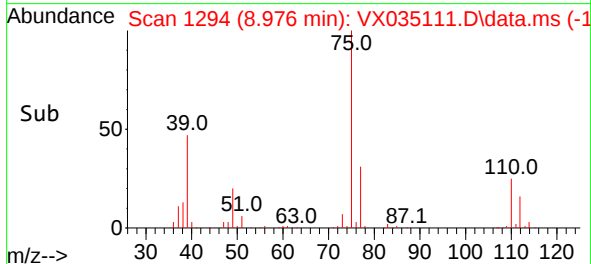
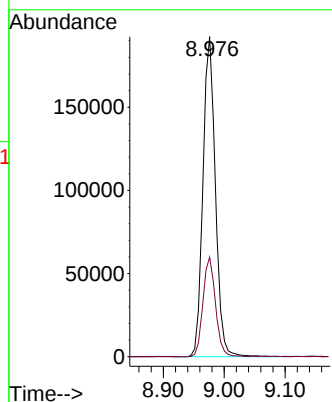
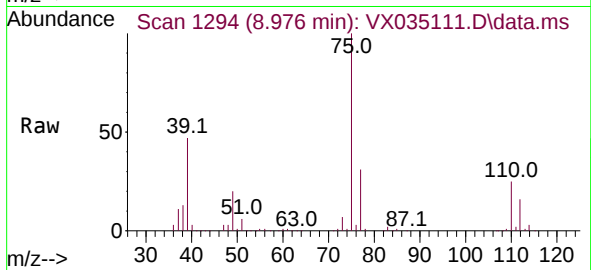
VSTDCCC050EC

Tgt Ion: 75 Resp: 273089

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.297 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

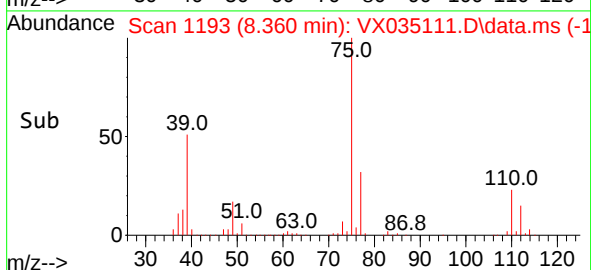
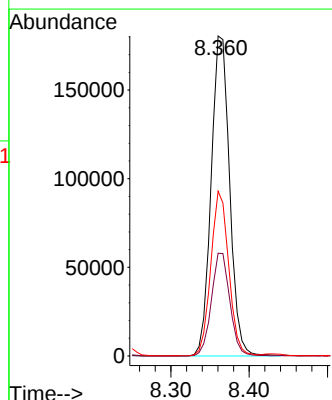
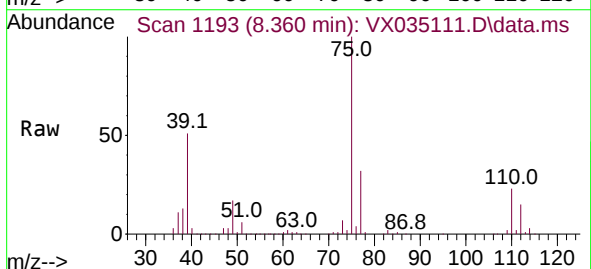
Tgt Ion: 75 Resp: 295855

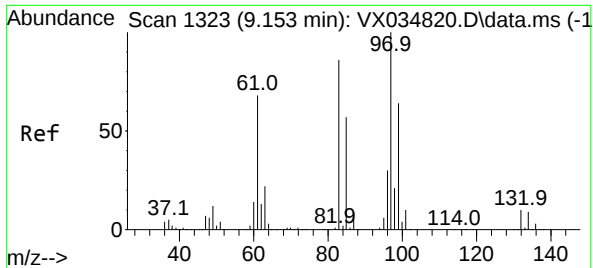
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

39 51.4 44.6 66.8

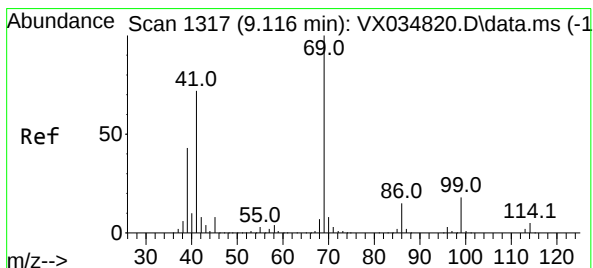
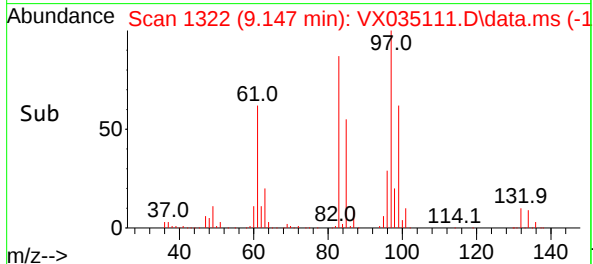
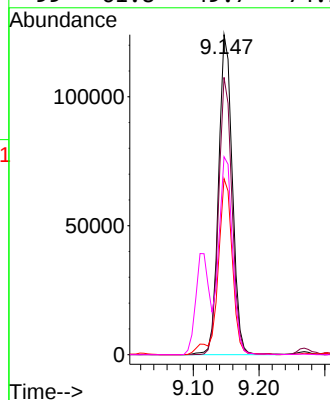
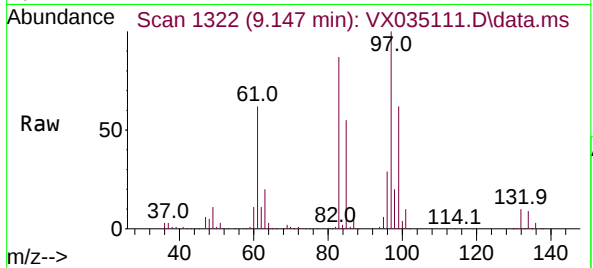




#55  
1,1,2-Trichloroethane  
Concen: 51.459 ug/l  
RT: 9.147 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

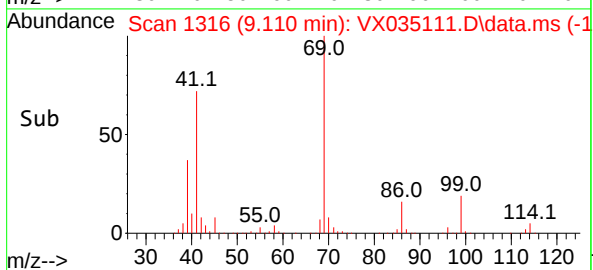
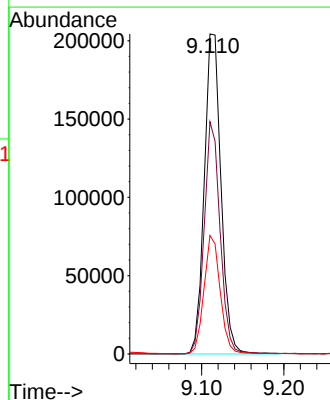
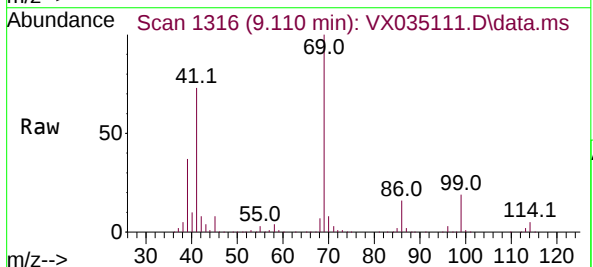
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

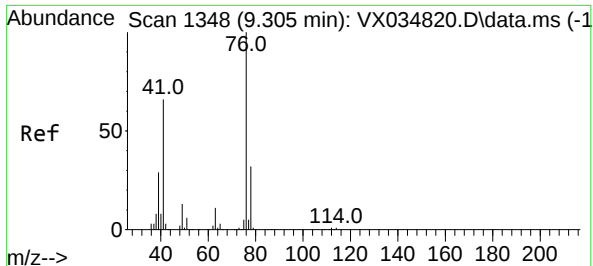
Tgt Ion: 97 Resp: 180794  
Ion Ratio Lower Upper  
97 100  
83 86.7 69.7 104.5  
85 55.0 43.7 65.5  
99 61.8 49.7 74.5



#56  
Ethyl methacrylate  
Concen: 52.468 ug/l  
RT: 9.110 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 69 Resp: 288825  
Ion Ratio Lower Upper  
69 100  
41 69.1 57.4 86.0  
39 35.7 33.7 50.5





#57

1,3-Dichloropropane

Concen: 50.639 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

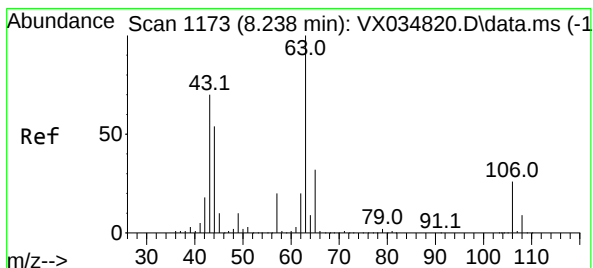
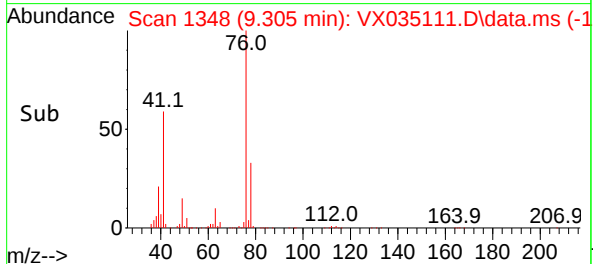
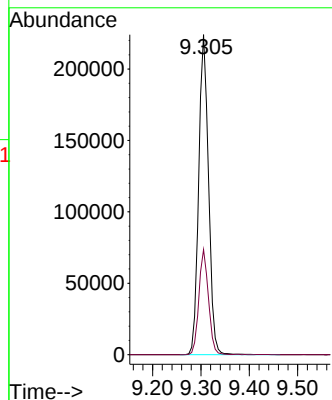
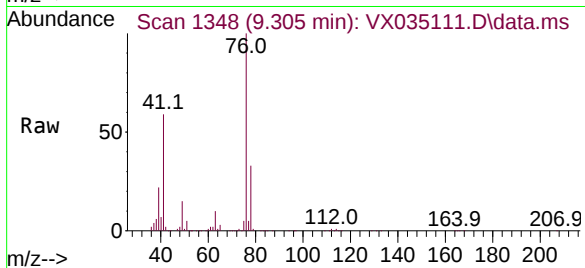
VSTDCCC050EC

Tgt Ion: 76 Resp: 315081

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 262.334 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX035111.D

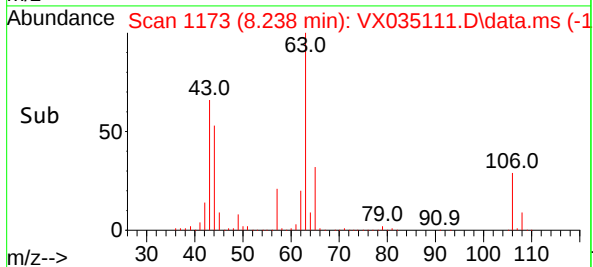
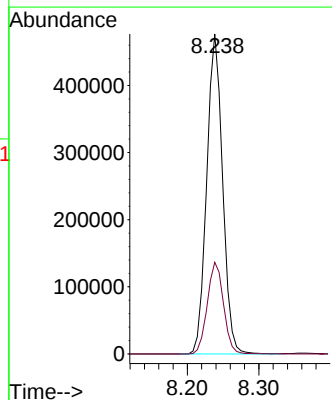
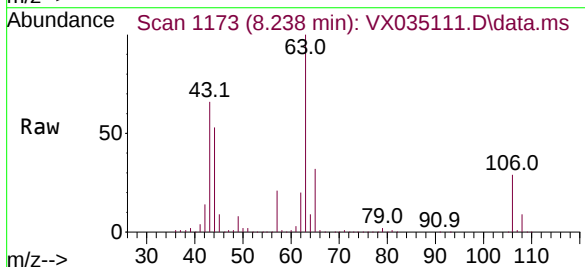
Acq: 17 Apr 2023 16:53

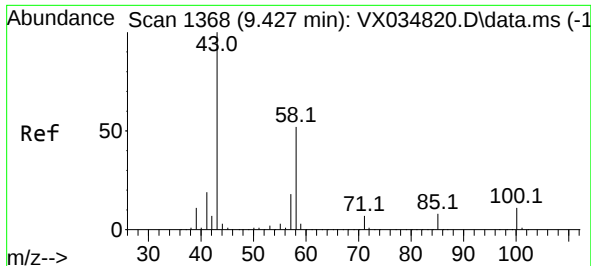
Tgt Ion: 63 Resp: 735288

Ion Ratio Lower Upper

63 100

106 29.2 22.2 33.2

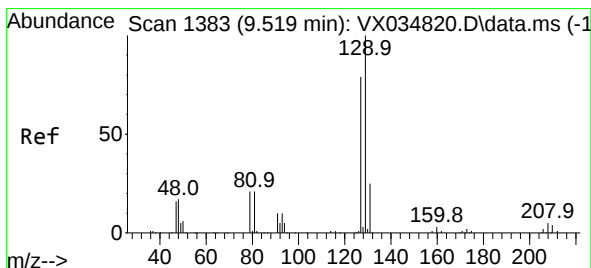
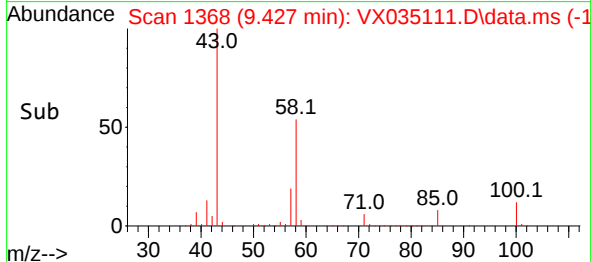
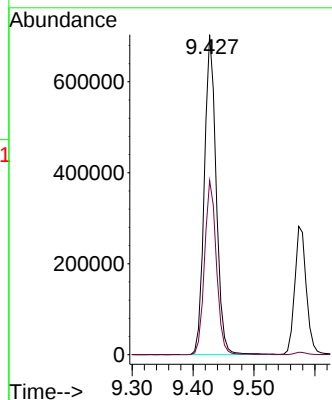
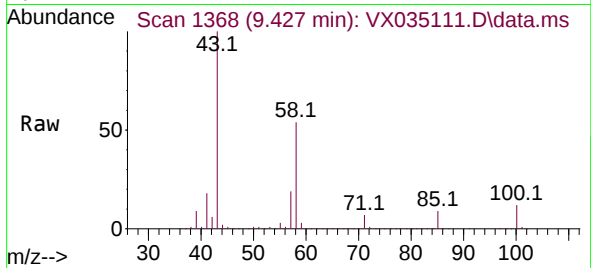




#59  
2-Hexanone  
Concen: 244.302 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

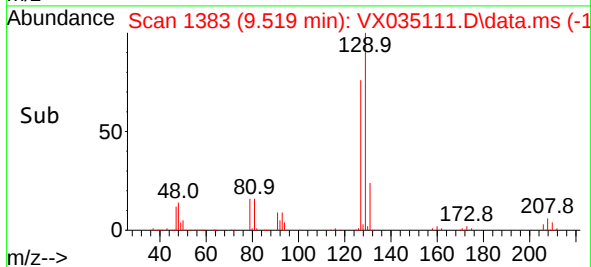
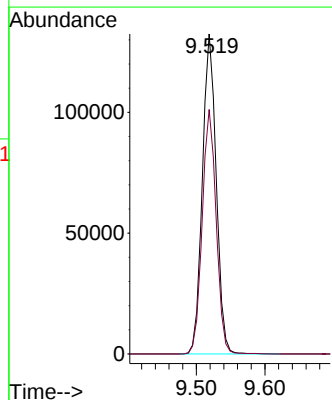
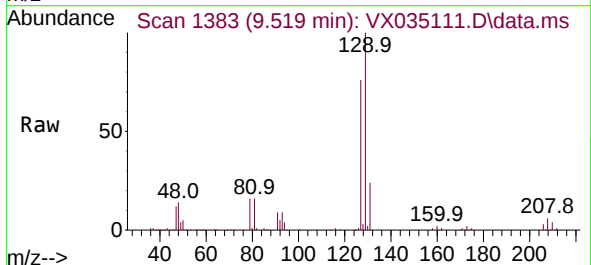
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

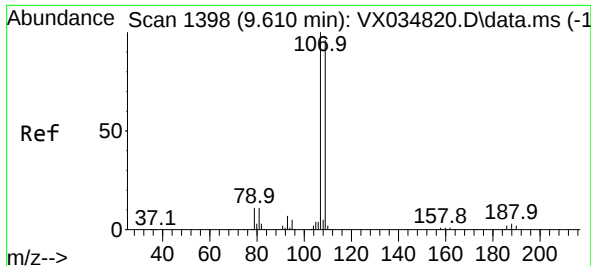
Tgt Ion: 43 Resp: 948821  
Ion Ratio Lower Upper  
43 100  
58 54.7 26.3 78.9



#60  
Dibromochloromethane  
Concen: 55.696 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 129 Resp: 186405  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.0 117.0

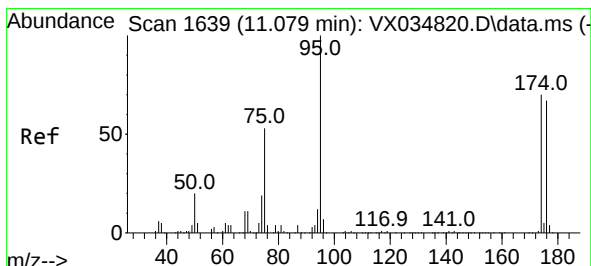
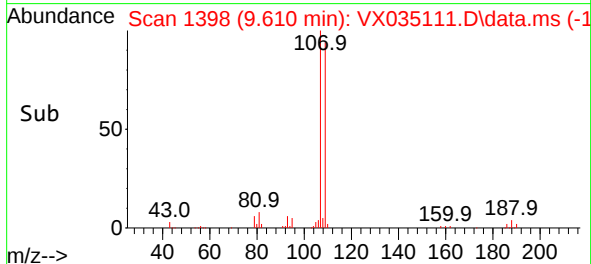
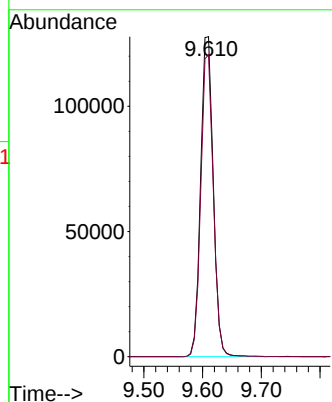
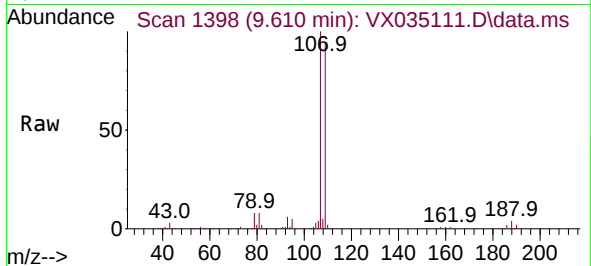




#61  
1,2-Dibromoethane  
Concen: 52.208 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

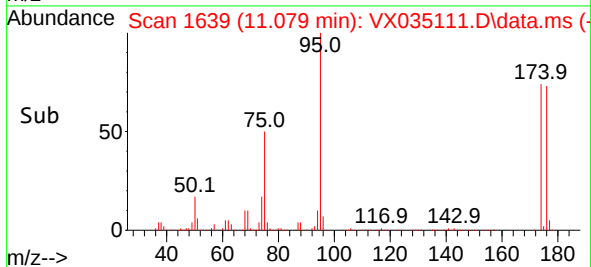
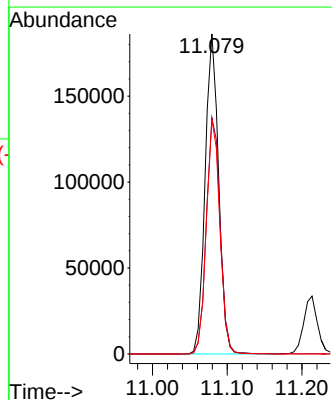
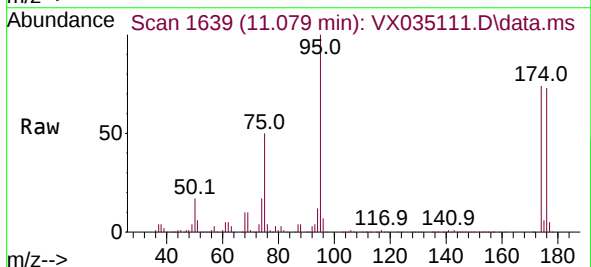
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

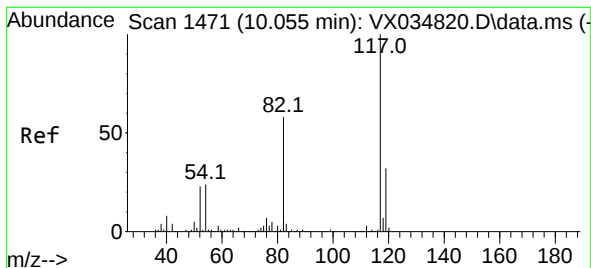
Tgt Ion:107 Resp: 190739  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 48.769 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 95 Resp: 233194  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 147.4  
176 73.4 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

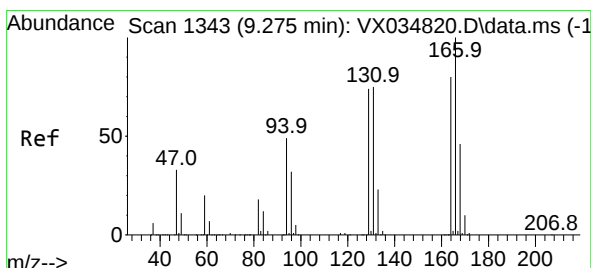
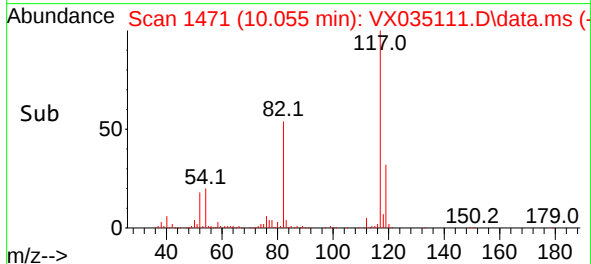
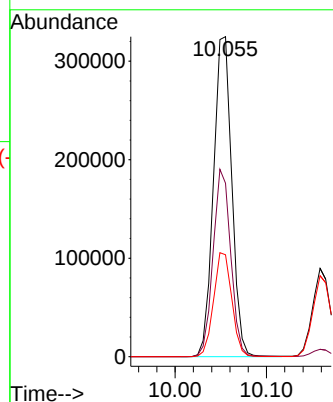
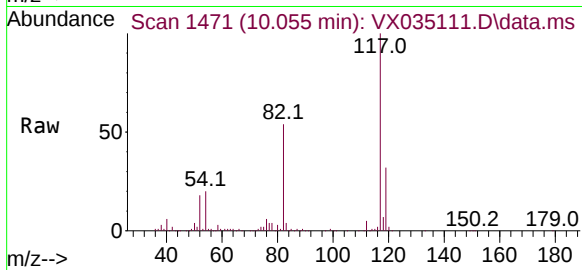
Tgt Ion:117 Resp: 451230

Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.4

119 31.9 26.0 39.0



#64

Tetrachloroethene

Concen: 51.236 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Tgt Ion:164 Resp: 165451

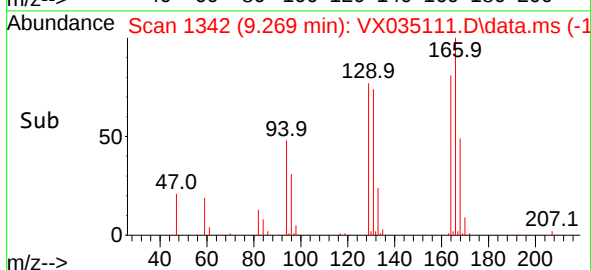
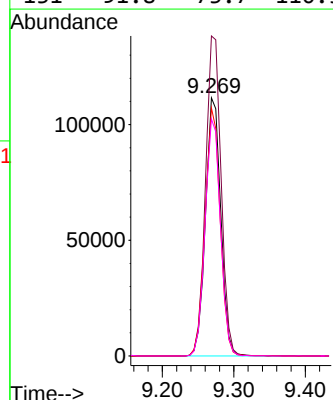
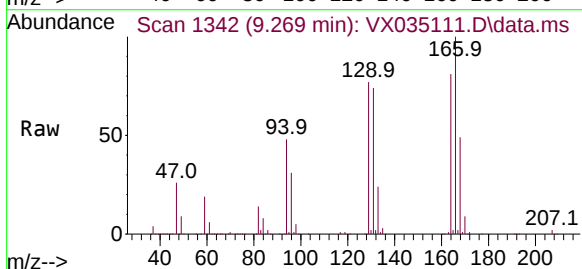
Ion Ratio Lower Upper

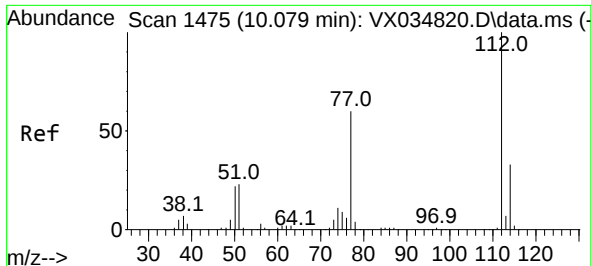
164 100

166 124.0 102.7 154.1

129 96.0 75.6 113.4

131 91.8 73.7 110.5

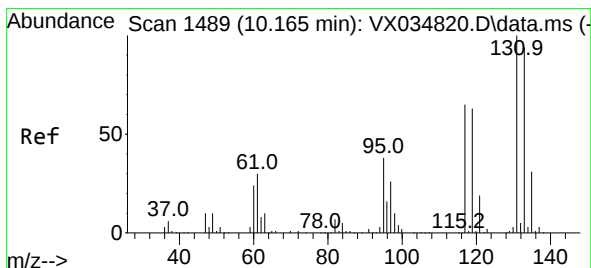
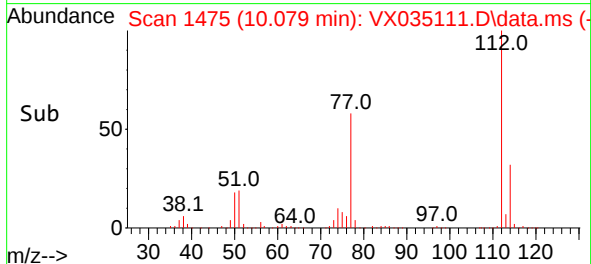
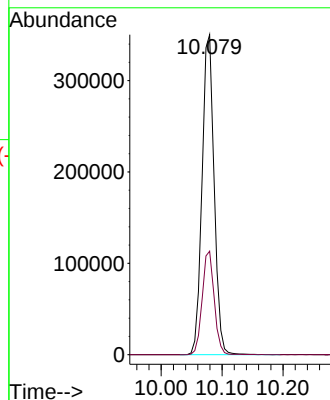
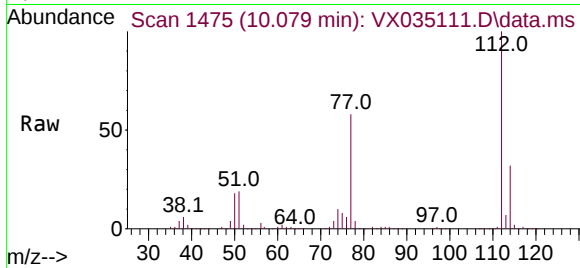




#65  
Chlorobenzene  
Concen: 51.527 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

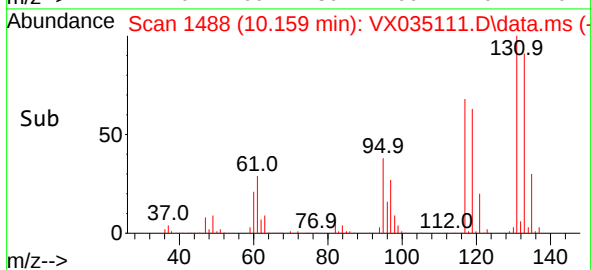
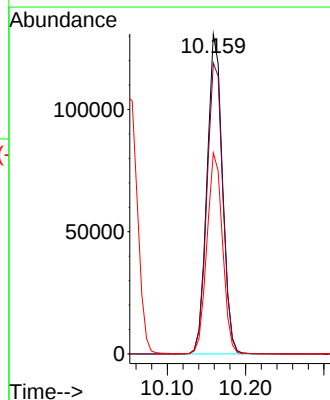
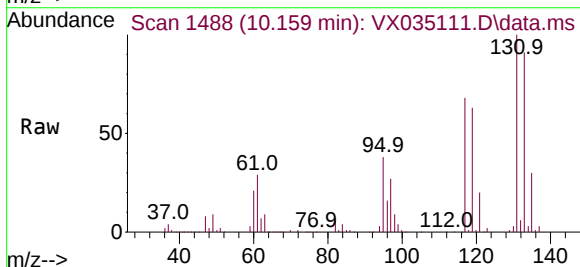
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

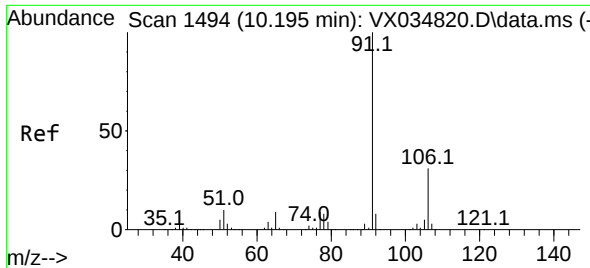
Tgt Ion:112 Resp: 483751  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.344 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion:131 Resp: 178667  
Ion Ratio Lower Upper  
131 100  
133 94.1 47.1 141.4  
119 63.4 32.6 98.0

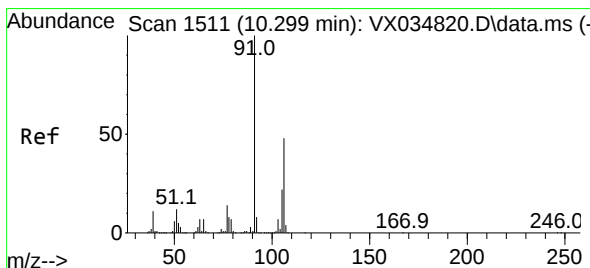
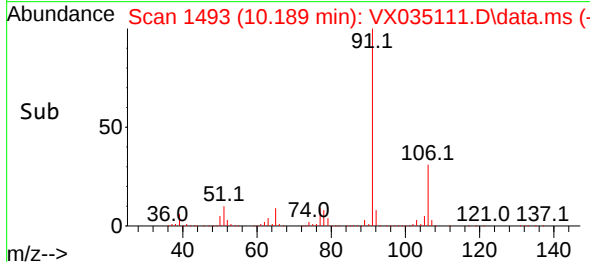
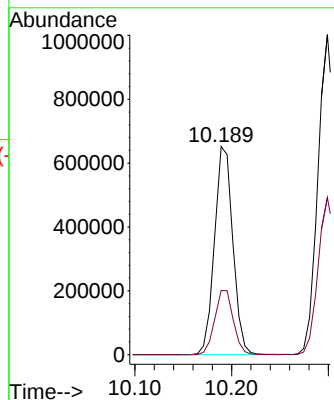
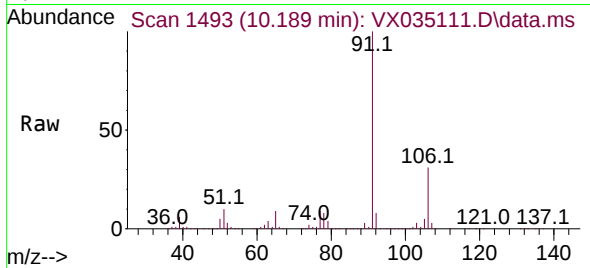




#67  
Ethyl Benzene  
Concen: 50.580 ug/l  
RT: 10.189 min Scan# 1494  
Delta R.T. -0.006 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

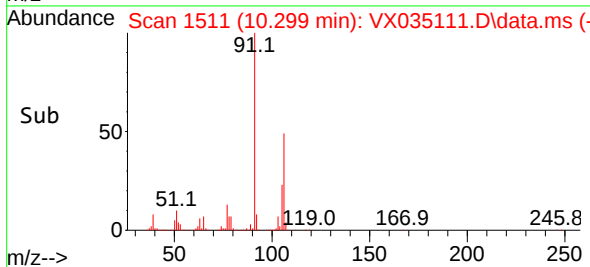
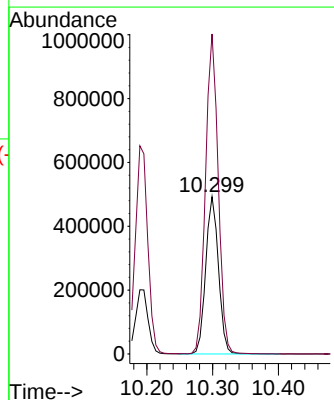
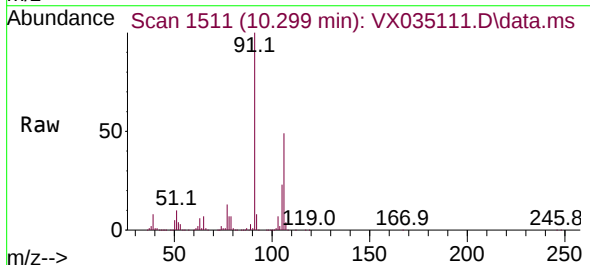
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

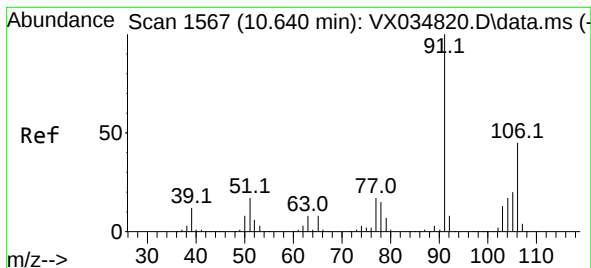
Tgt Ion: 91 Resp: 860243  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.6 38.4



#68  
m/p-Xylenes  
Concen: 102.196 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 106 Resp: 663942  
Ion Ratio Lower Upper  
106 100  
91 202.3 164.0 246.0

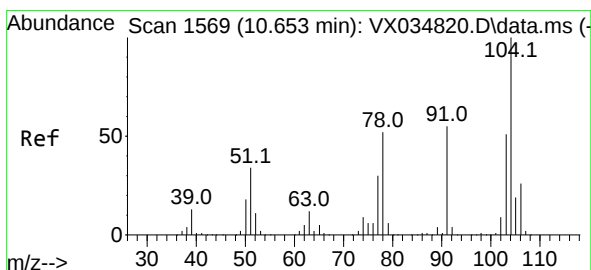
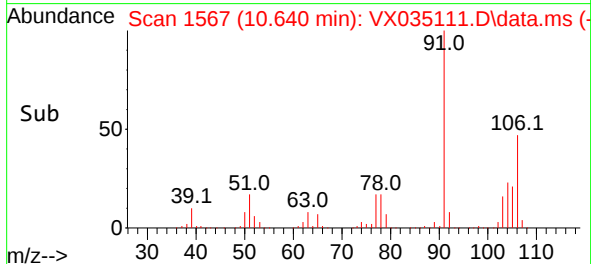
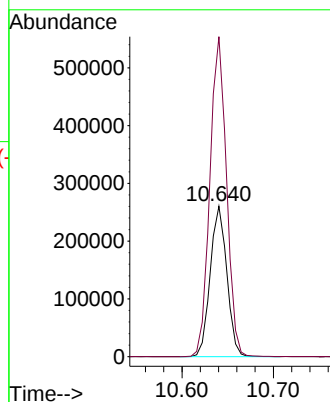
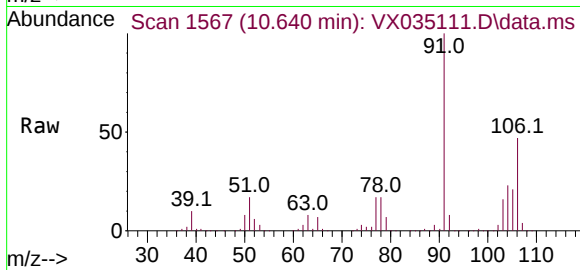




#69  
o-Xylene  
Concen: 51.630 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

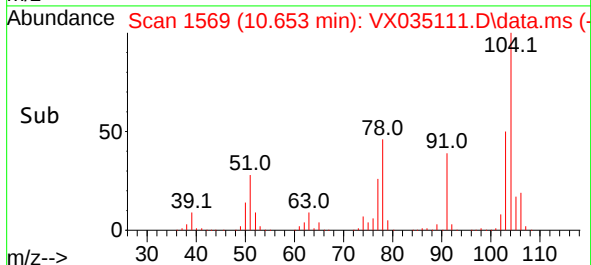
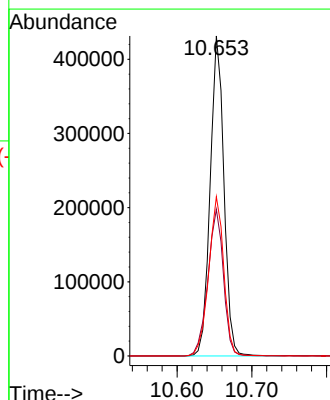
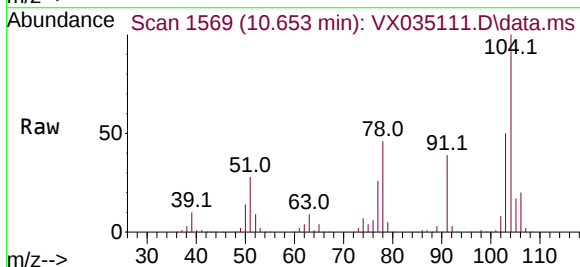
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

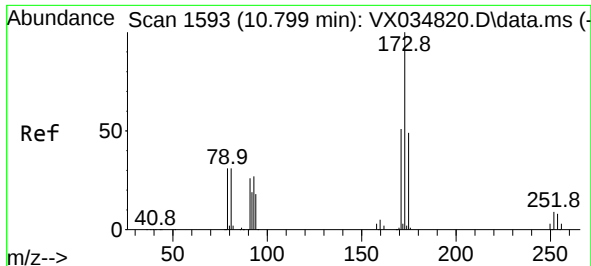
Tgt Ion:106 Resp: 328593  
Ion Ratio Lower Upper  
106 100  
91 213.2 108.5 325.3



#70  
Styrene  
Concen: 54.291 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion:104 Resp: 551584  
Ion Ratio Lower Upper  
104 100  
78 51.8 43.4 65.2  
103 54.6 44.2 66.2

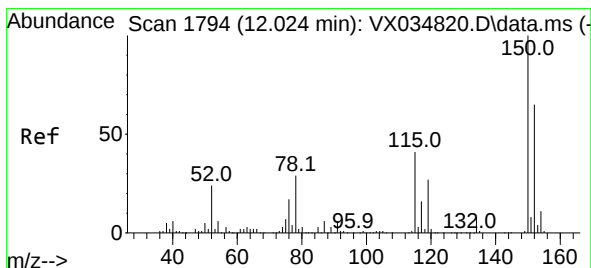
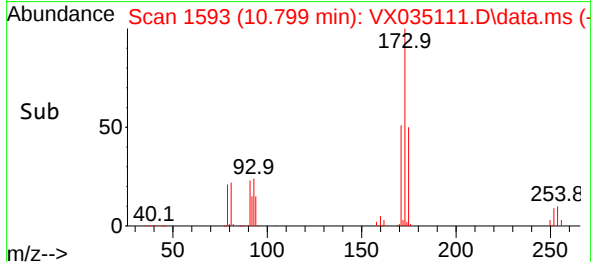
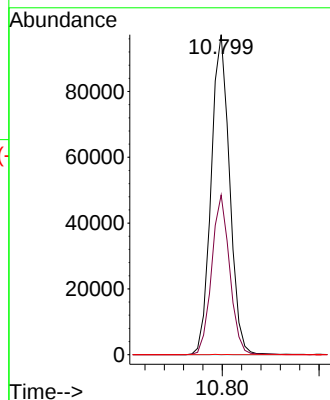
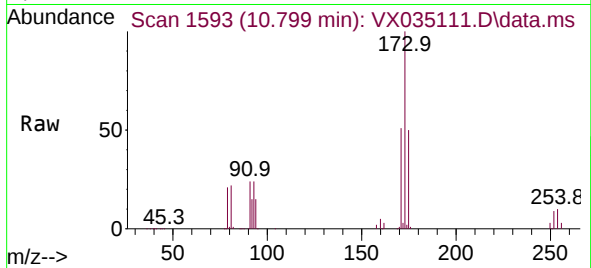




#71  
Bromoform  
Concen: 58.680 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

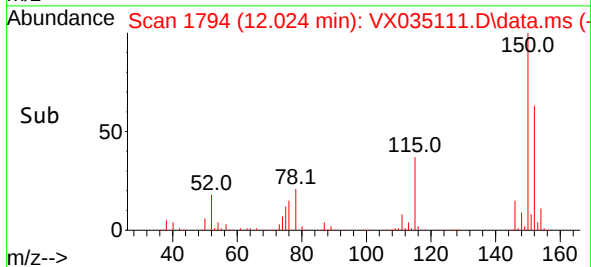
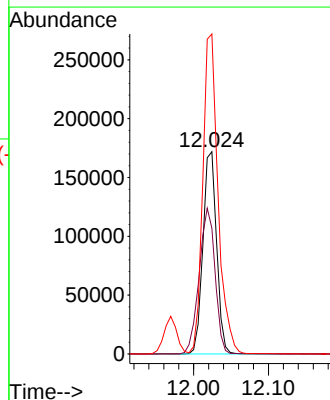
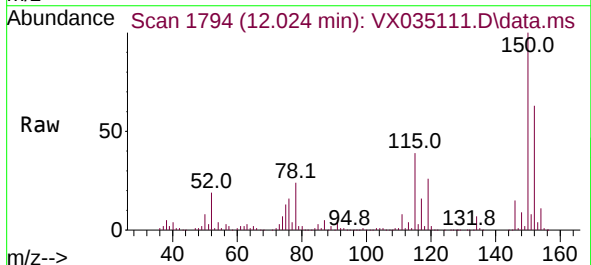
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

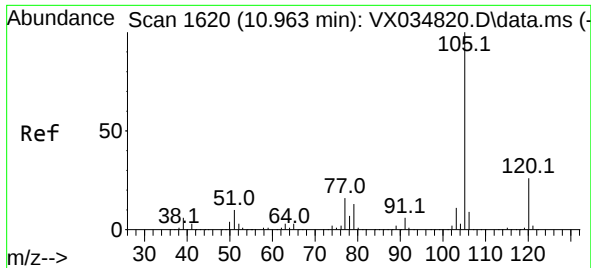
Tgt Ion:173 Resp: 128842  
Ion Ratio Lower Upper  
173 100  
175 48.7 24.1 72.4  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion:152 Resp: 218485  
Ion Ratio Lower Upper  
152 100  
115 84.0 45.0 135.0  
150 176.6 0.0 352.4

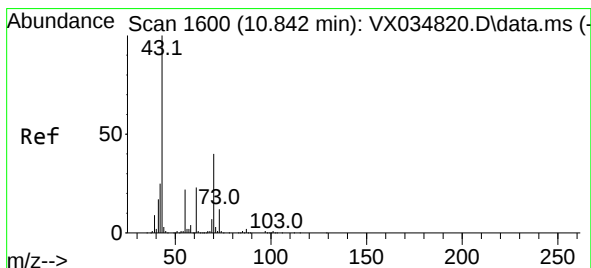
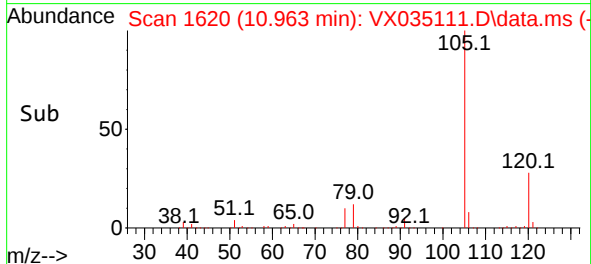
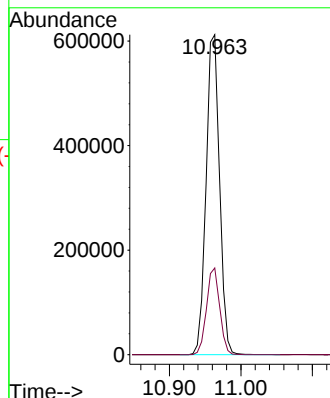
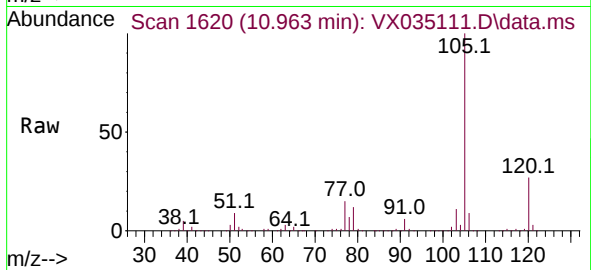




#73  
Isopropylbenzene  
Concen: 50.033 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

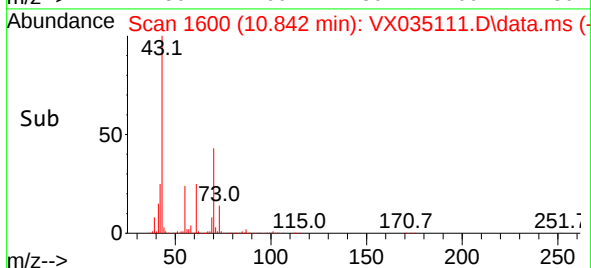
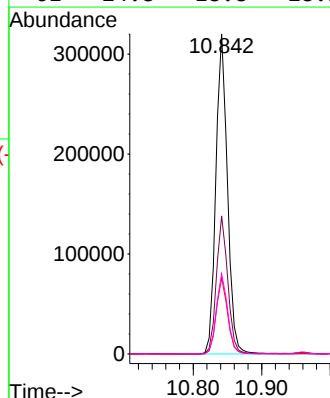
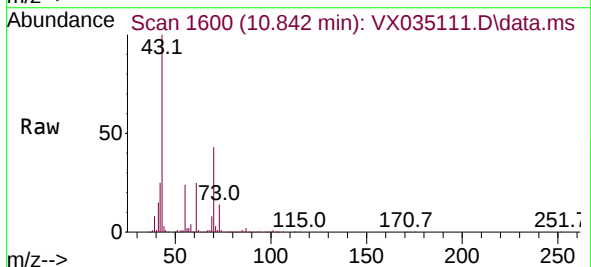
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

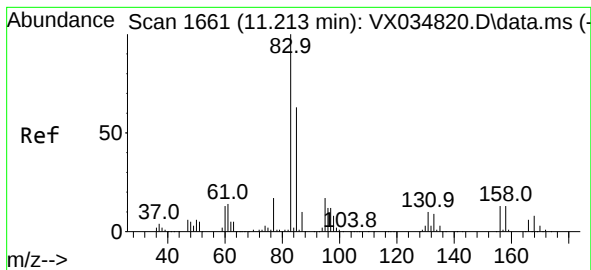
Tgt Ion:105 Resp: 800724  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.3 39.9



#74  
N-ethyl acetate  
Concen: 51.987 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 43 Resp: 374084  
Ion Ratio Lower Upper  
43 100  
70 42.7 32.1 48.1  
55 23.5 18.3 27.5  
61 24.8 18.8 28.2

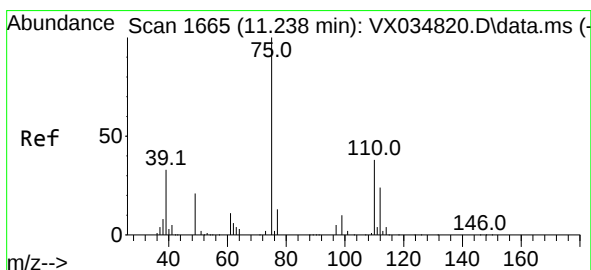
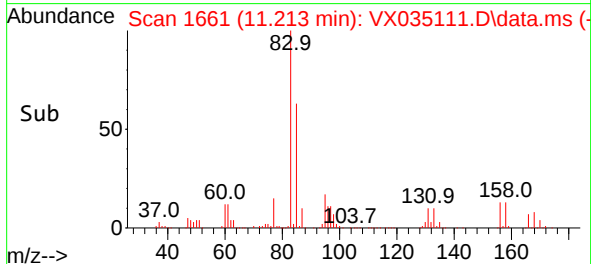
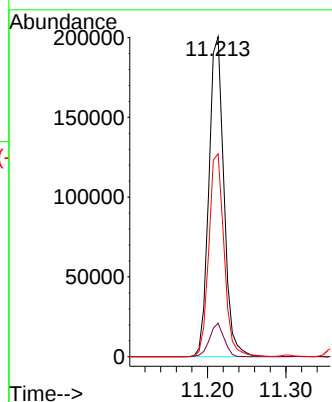
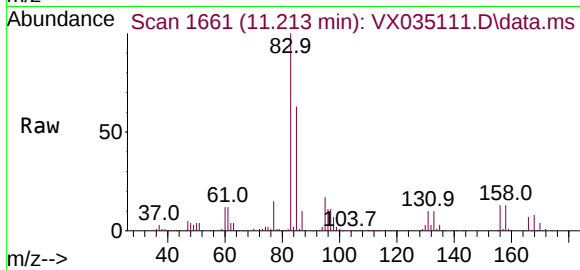




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.867 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

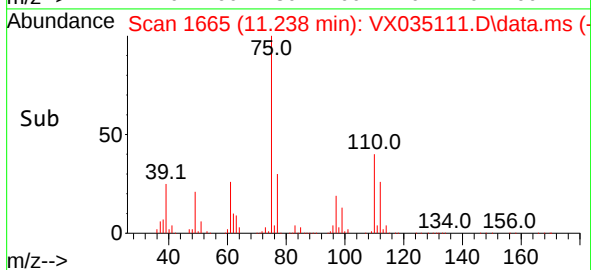
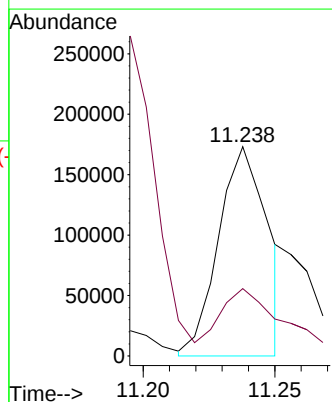
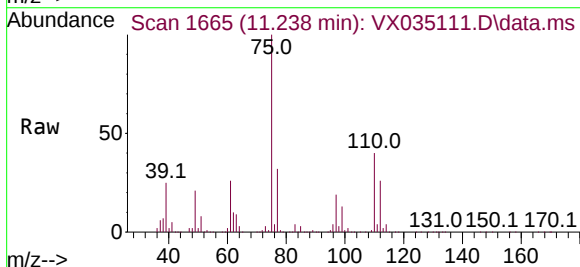
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

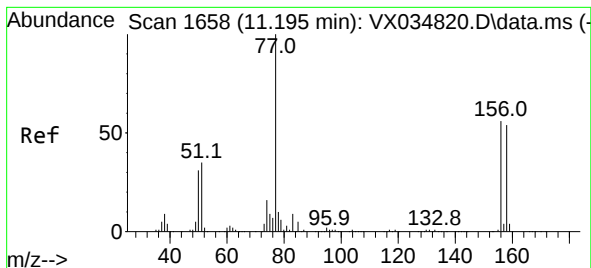
Tgt Ion: 83 Resp: 266812  
Ion Ratio Lower Upper  
83 100  
131 10.1 4.8 14.3  
85 64.3 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 50.905 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 75 Resp: 224101  
Ion Ratio Lower Upper  
75 100  
77 42.6 21.6 64.8





#77

Bromobenzene

Concen: 52.272 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

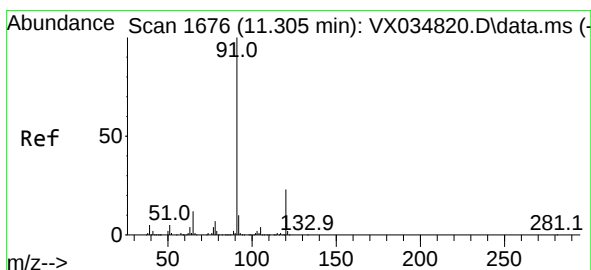
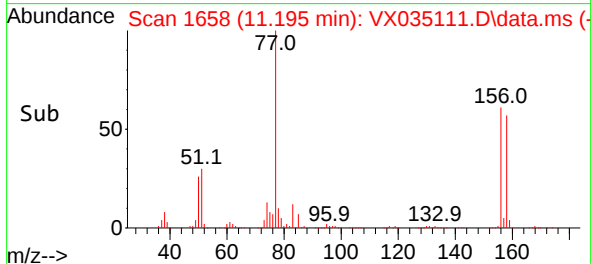
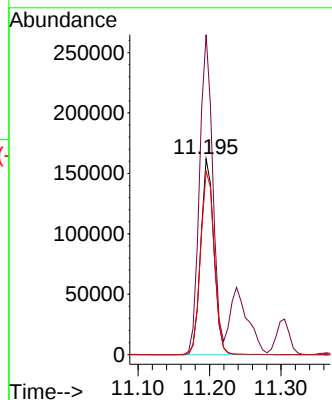
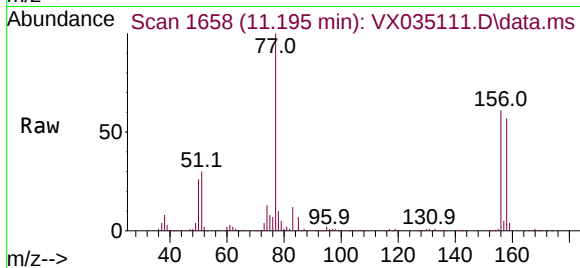
Tgt Ion:156 Resp: 207285

Ion Ratio Lower Upper

156 100

77 164.0 86.7 259.9

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 49.160 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035111.D

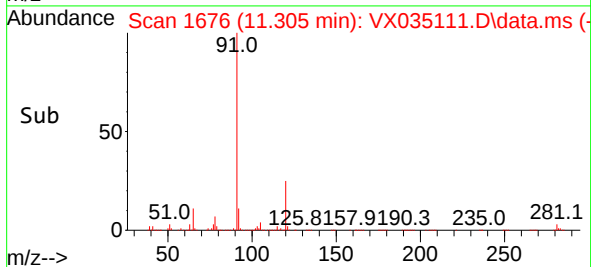
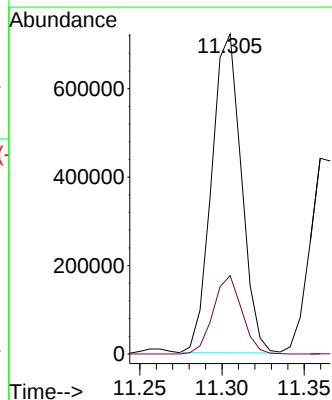
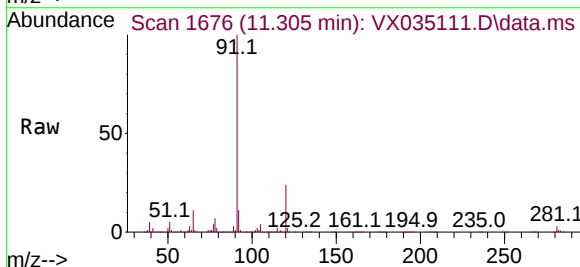
Acq: 17 Apr 2023 16:53

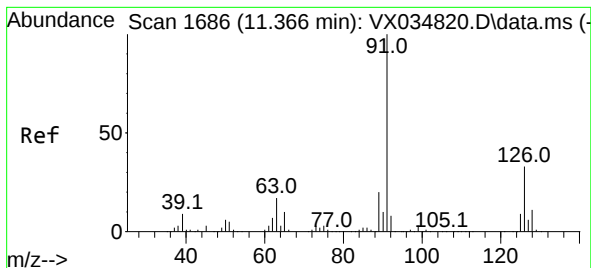
Tgt Ion: 91 Resp: 908865

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.5





#79

2-Chlorotoluene

Concen: 49.551 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

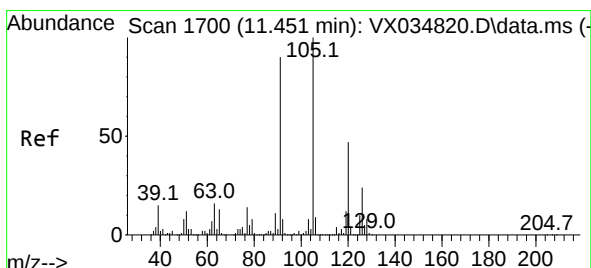
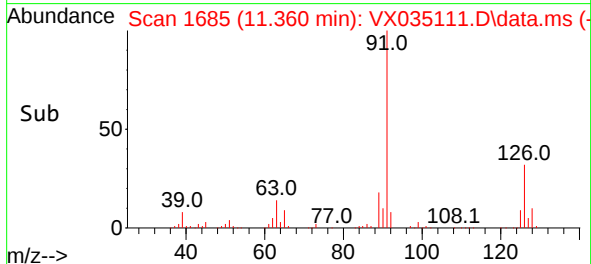
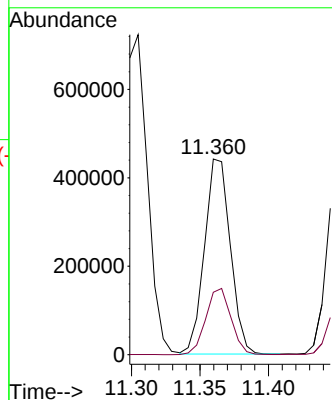
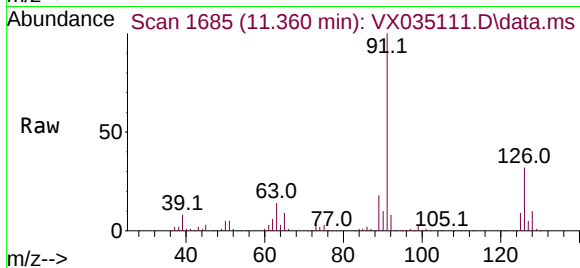
VSTDCCC050EC

Tgt Ion: 91 Resp: 578400

Ion Ratio Lower Upper

91 100

126 33.2 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 49.676 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035111.D

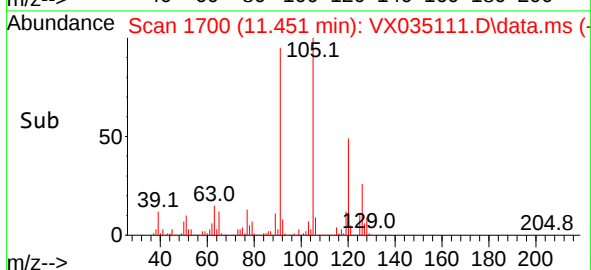
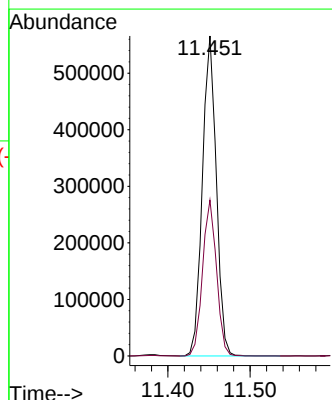
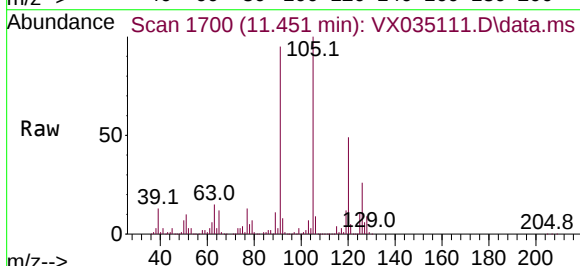
Acq: 17 Apr 2023 16:53

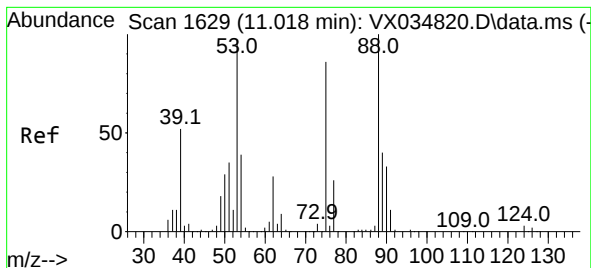
Tgt Ion: 105 Resp: 664719

Ion Ratio Lower Upper

105 100

120 48.8 23.7 71.1

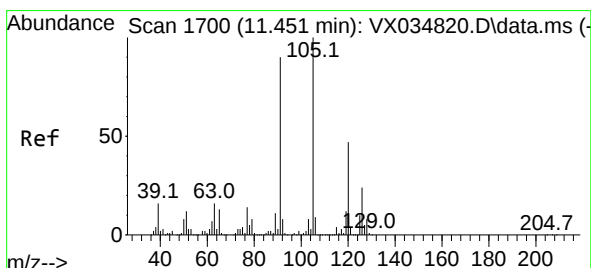
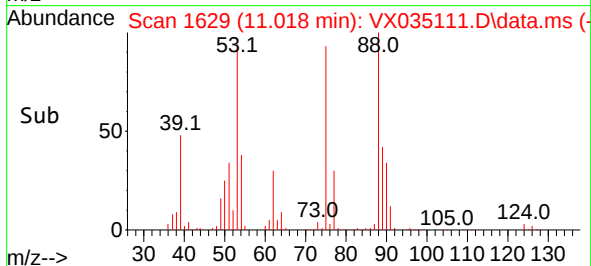
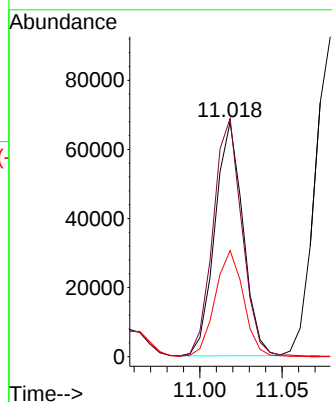
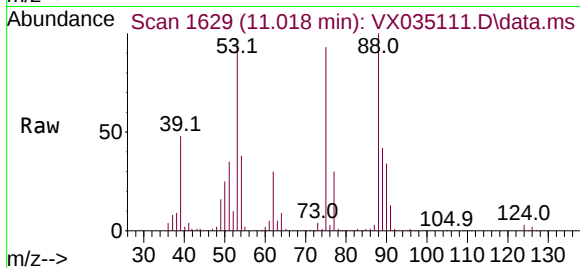




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.537 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

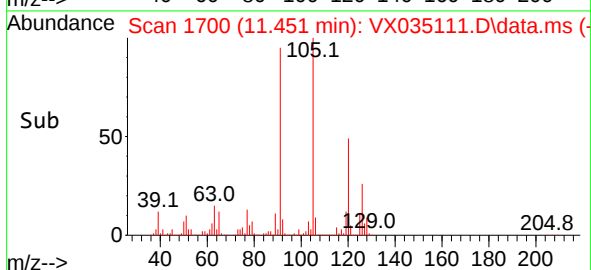
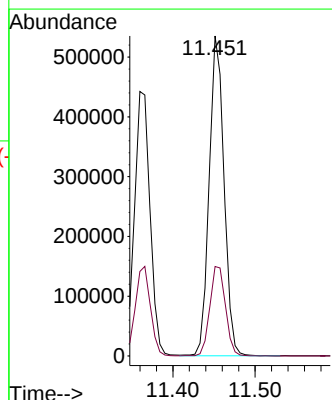
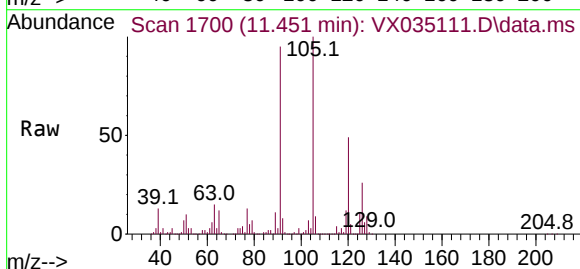
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

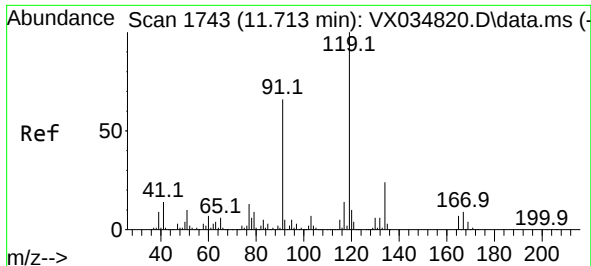
Tgt Ion: 75 Resp: 80111  
Ion Ratio Lower Upper  
75 100  
53 104.9 82.6 124.0  
89 46.1 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 49.483 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 91 Resp: 670756  
Ion Ratio Lower Upper  
91 100  
126 29.6 14.2 42.6

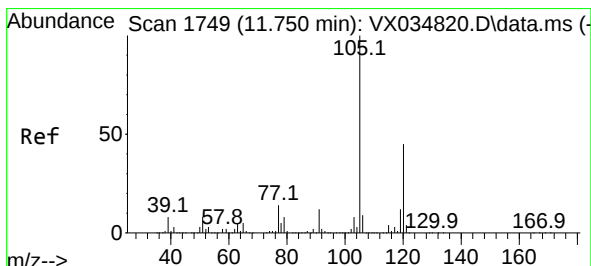
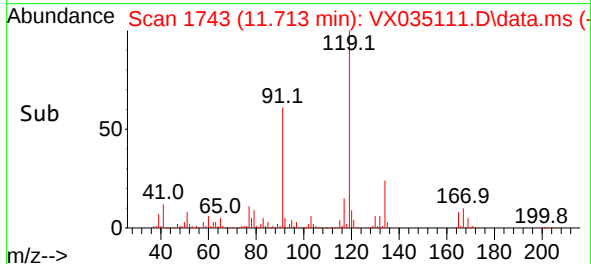
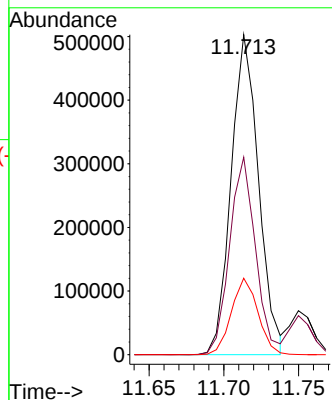
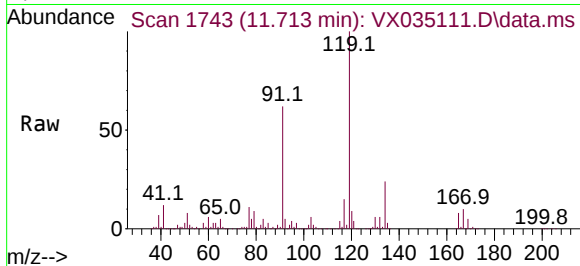




#83  
tert-Butylbenzene  
Concen: 51.126 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

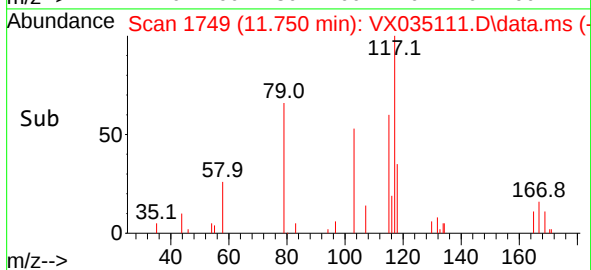
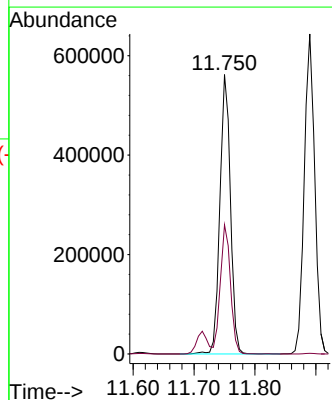
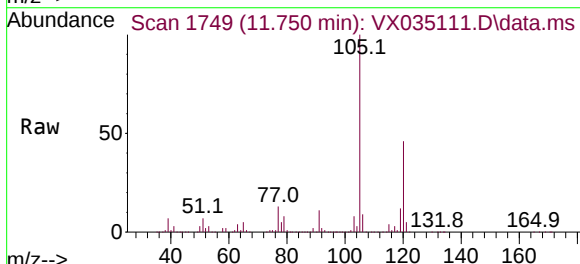
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

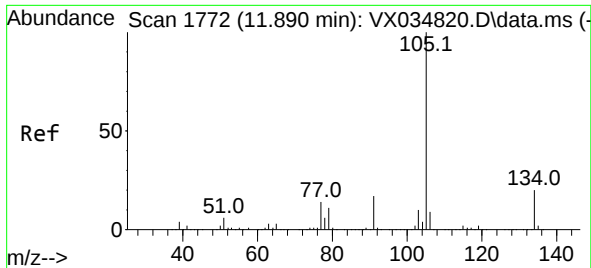
Tgt Ion:119 Resp: 642420  
Ion Ratio Lower Upper  
119 100  
91 58.3 30.6 92.0  
134 23.2 11.8 35.4



#84  
1,2,4-Trimethylbenzene  
Concen: 49.626 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion:105 Resp: 675299  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.4 67.0

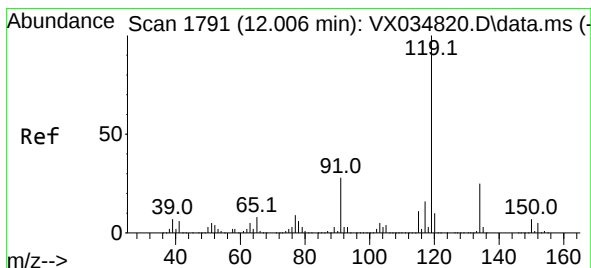
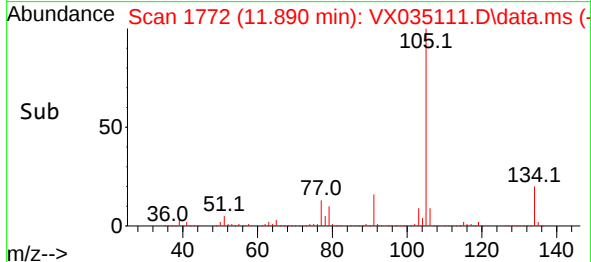
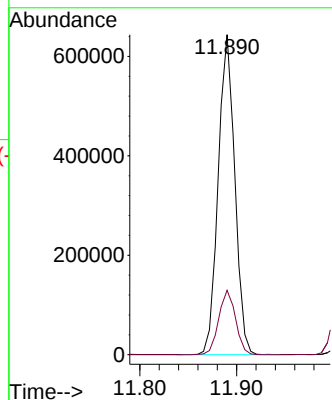
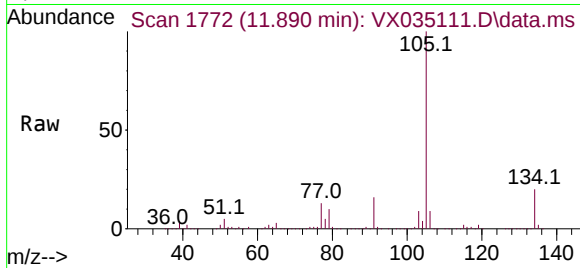




#85  
 sec-Butylbenzene  
 Concen: 50.052 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX035111.D  
 Acq: 17 Apr 2023 16:53

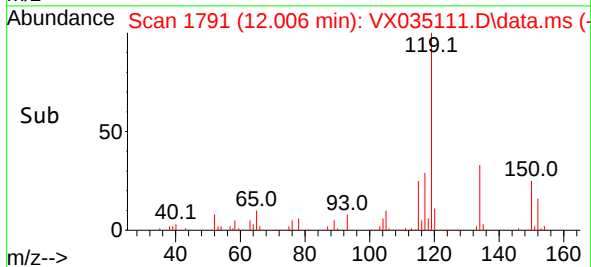
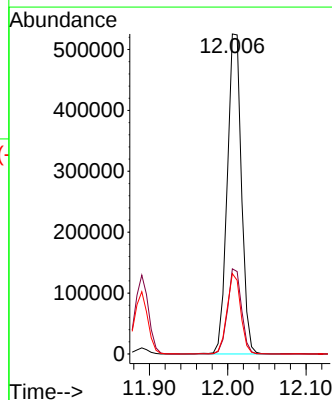
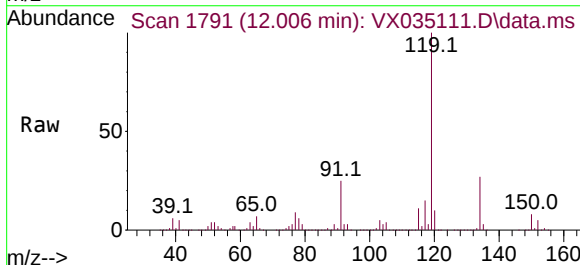
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

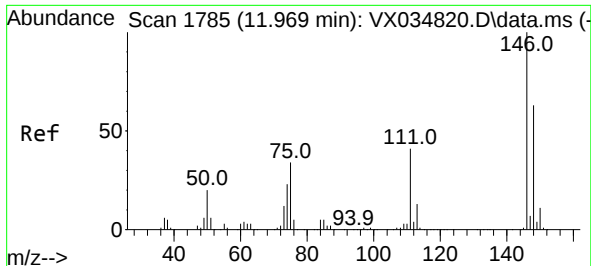
Tgt Ion:105 Resp: 765126  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 51.978 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX035111.D  
 Acq: 17 Apr 2023 16:53

Tgt Ion:119 Resp: 662554  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.2 39.5  
 91 24.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 52.151 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

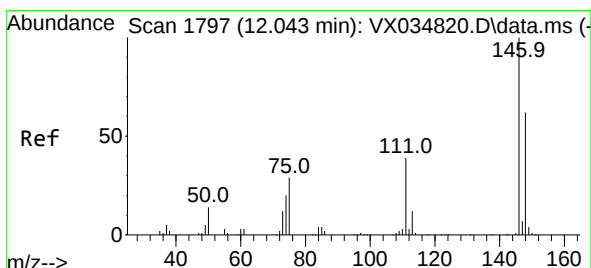
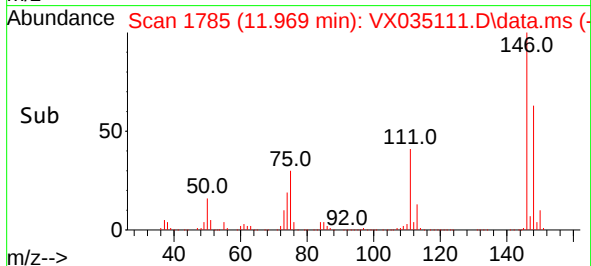
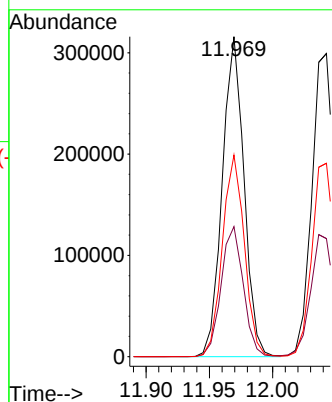
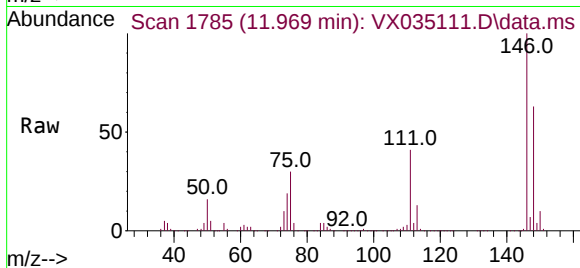
Tgt Ion:146 Resp: 376628

Ion Ratio Lower Upper

146 100

111 41.6 20.9 62.8

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 50.656 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

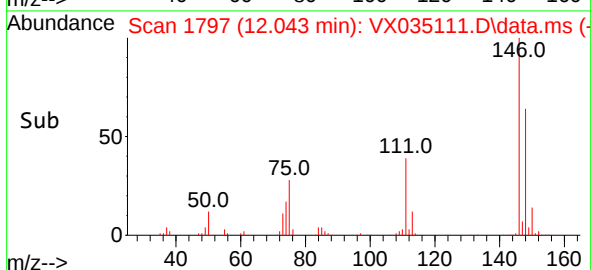
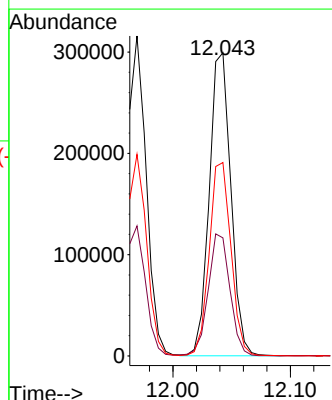
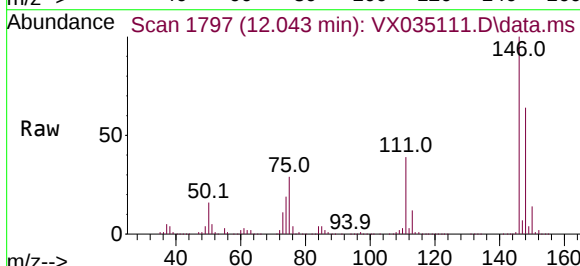
Tgt Ion:146 Resp: 382087

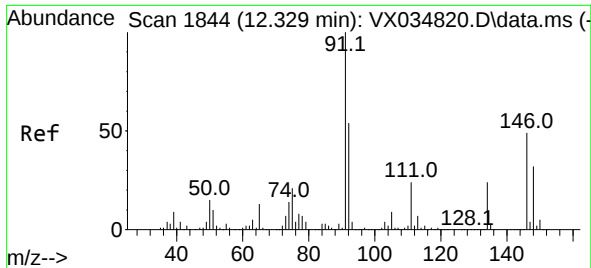
Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.9

148 64.4 31.8 95.4

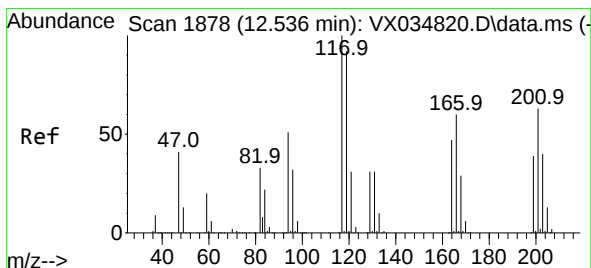
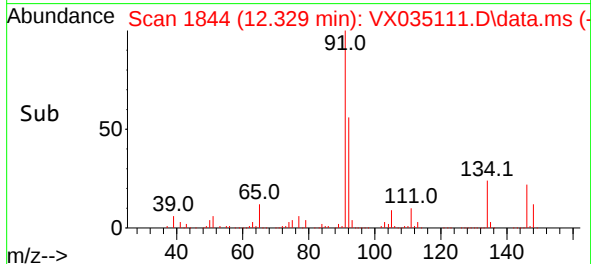
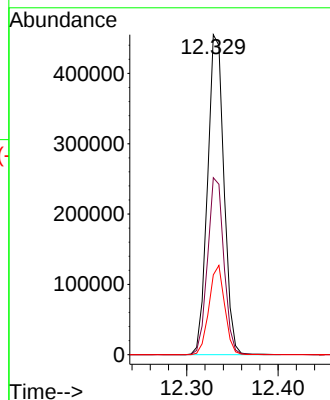
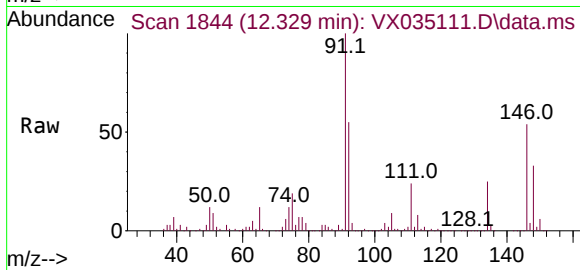




#89  
n-Butylbenzene  
Concen: 50.725 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

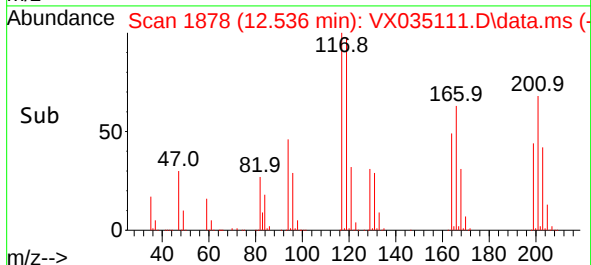
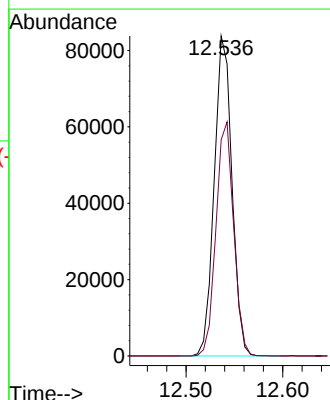
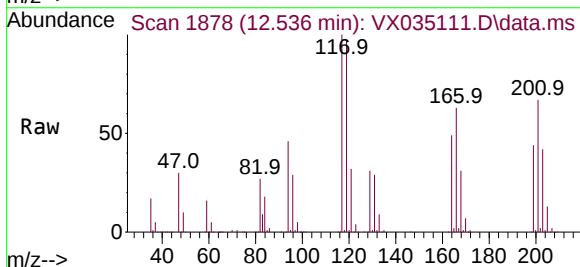
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

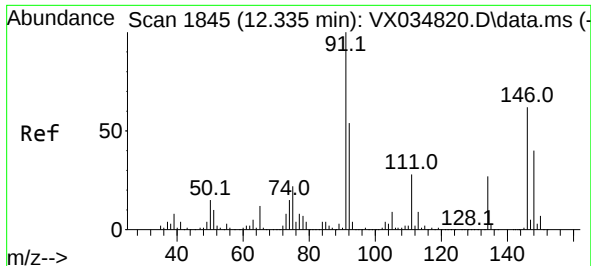
Tgt Ion: 91 Resp: 564909  
Ion Ratio Lower Upper  
91 100  
92 54.9 27.7 83.0  
134 26.8 13.0 38.9



#90  
Hexachloroethane  
Concen: 53.938 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX035111.D  
Acq: 17 Apr 2023 16:53

Tgt Ion: 117 Resp: 106523  
Ion Ratio Lower Upper  
117 100  
201 72.9 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 51.536 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

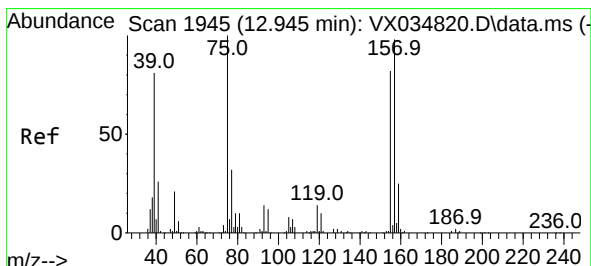
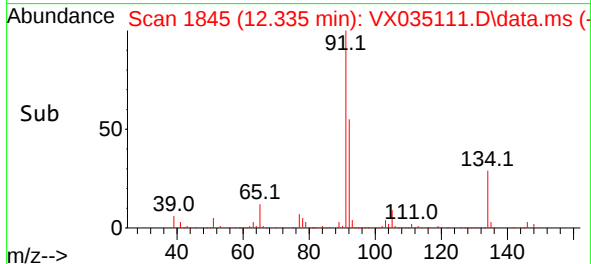
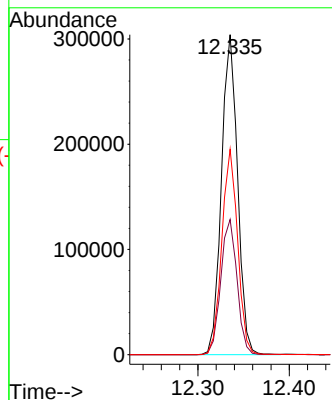
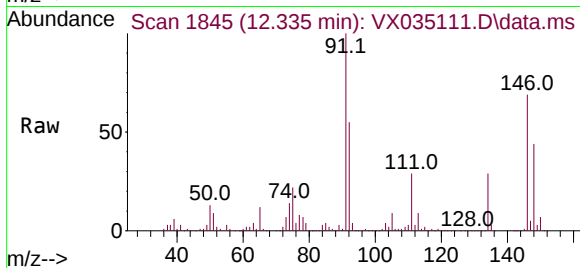
Tgt Ion:146 Resp: 372750

Ion Ratio Lower Upper

146 100

111 42.7 22.0 66.0

148 63.2 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.693 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

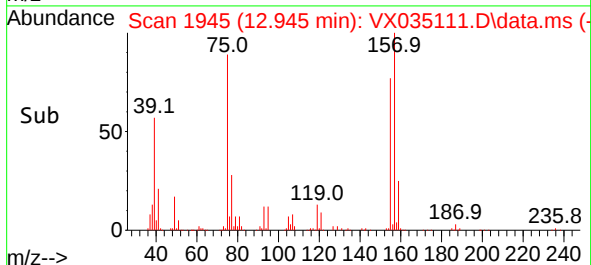
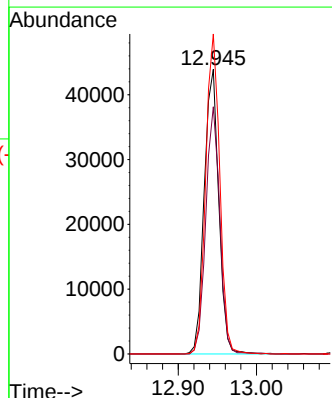
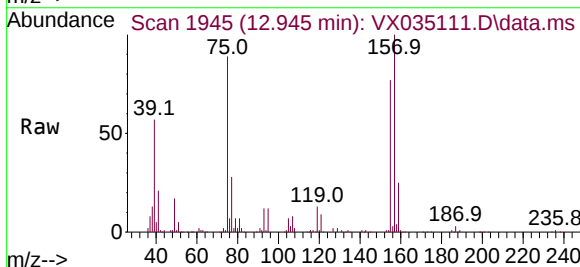
Tgt Ion: 75 Resp: 56597

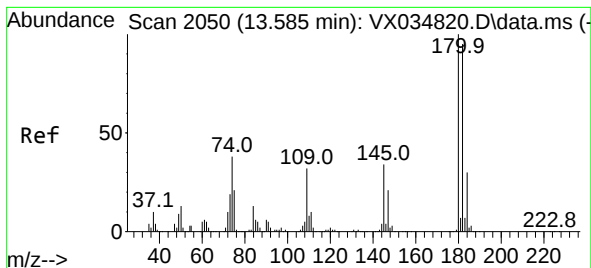
Ion Ratio Lower Upper

75 100

155 83.5 38.4 115.1

157 108.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 52.936 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

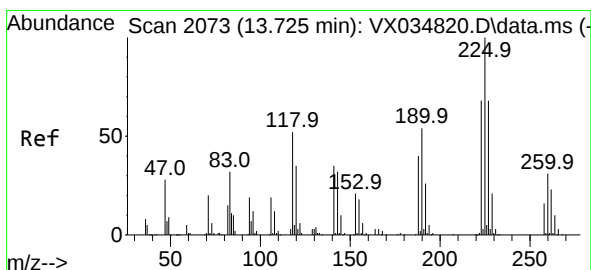
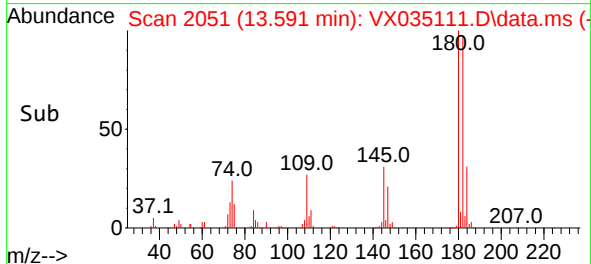
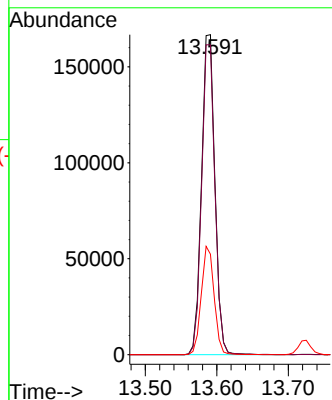
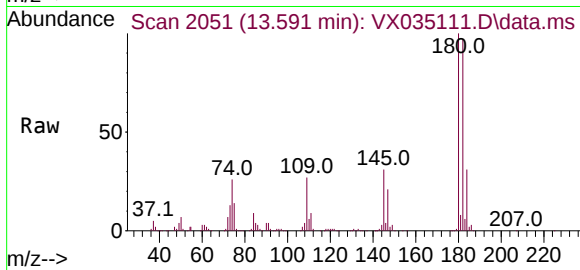
Tgt Ion:180 Resp: 216551

Ion Ratio Lower Upper

180 100

182 96.2 47.0 141.0

145 32.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 53.037 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

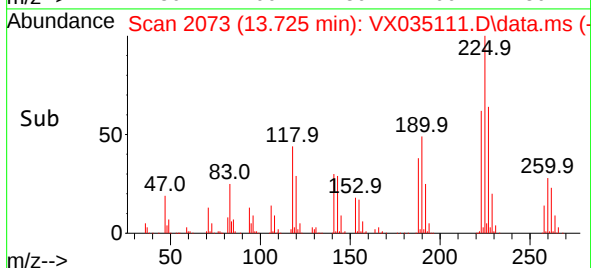
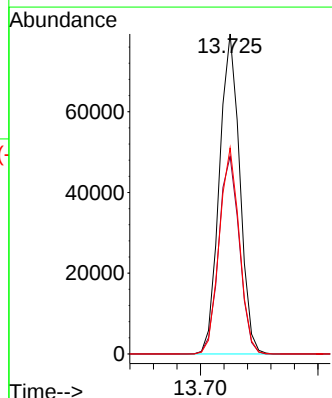
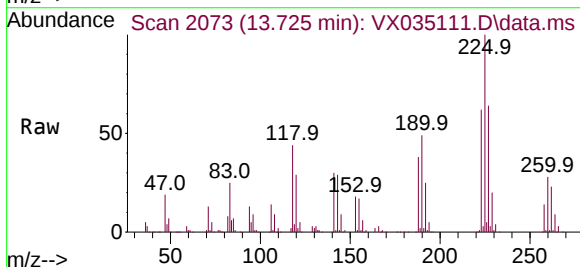
Tgt Ion:225 Resp: 95427

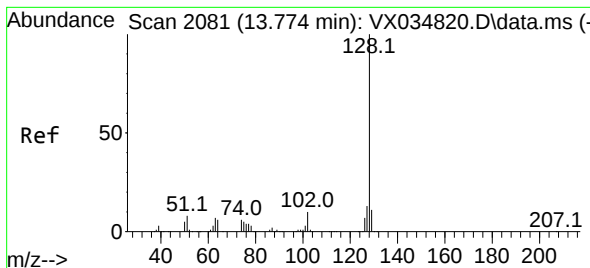
Ion Ratio Lower Upper

225 100

223 62.3 32.1 96.5

227 63.5 31.8 95.4





#95

Naphthalene

Concen: 52.953 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

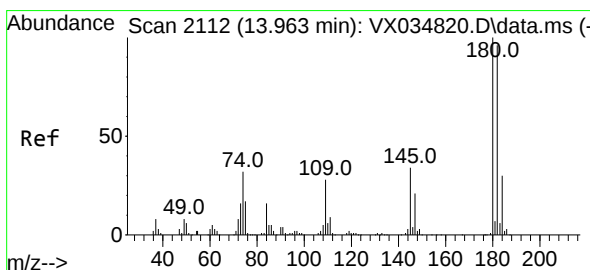
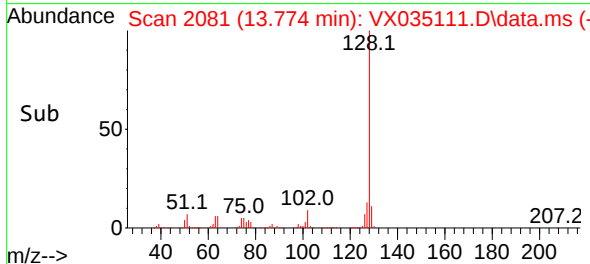
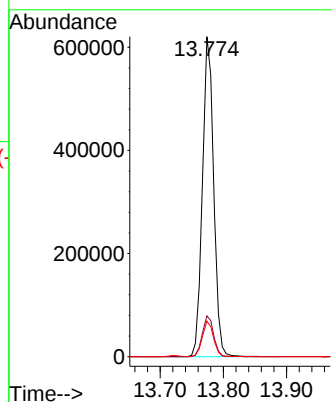
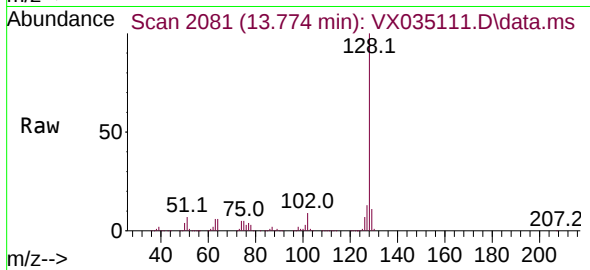
Tgt Ion:128 Resp: 769699

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.358 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035111.D

Acq: 17 Apr 2023 16:53

Tgt Ion:180 Resp: 211869

Ion Ratio Lower Upper

180 100

182 95.2 48.0 144.2

145 34.9 17.7 53.1

