

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041723\  
 Data File : VX035102.D  
 Acq On : 17 Apr 2023 12:28  
 Operator : JC/MD  
 Sample : VX0417MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0417MBS01

Quant Time: Apr 18 05:51:58 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        | 5.550          | 168  | 361521     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 586116     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 516269     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 246209     | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 223637     | 40.448  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 80.900% |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 179177     | 46.219  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 92.440% |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 661434     | 46.225  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 92.440% |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 256804     | 46.378  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 92.760% |        |          |
| Target Compounds             |                |      |            |         |        |          |
|                              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 72334      | 20.061  | ug/l   | 99       |
| 3) Chloromethane             | 1.294          | 50   | 70440      | 15.603  | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.373          | 62   | 70414      | 15.752  | ug/l   | 98       |
| 5) Bromomethane              | 1.617          | 94   | 45148      | 15.543  | ug/l   | 97       |
| 6) Chloroethane              | 1.690          | 64   | 41378      | 14.227  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.892          | 101  | 98543      | 13.713  | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136          | 74   | 38424      | 15.167  | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 62383      | 16.609  | ug/l   | 99       |
| 10) Methyl Iodide            | 2.453          | 142  | 73594      | 15.734  | ug/l   | 96       |
| 11) Tert butyl alcohol       | 3.020          | 59   | 69474      | 71.617  | ug/l # | 91       |
| 12) 1,1-Dichloroethene       | 2.325          | 96   | 57908      | 15.603  | ug/l   | 97       |
| 13) Acrolein                 | 2.239          | 56   | 72608      | 72.710  | ug/l   | 99       |
| 14) Allyl chloride           | 2.666          | 41   | 113011     | 15.542  | ug/l   | 98       |
| 15) Acrylonitrile            | 3.068          | 53   | 172533     | 79.014  | ug/l   | 99       |
| 16) Acetone                  | 2.398          | 43   | 150606     | 67.054  | ug/l   | 100      |
| 17) Carbon Disulfide         | 2.514          | 76   | 144559     | 15.552  | ug/l   | 97       |
| 18) Methyl Acetate           | 2.709          | 43   | 127823     | 16.017  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111          | 73   | 216669     | 15.768  | ug/l   | 97       |
| 20) Methylene Chloride       | 2.788          | 84   | 69752      | 15.738  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 65702      | 16.232  | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.757          | 45   | 229325     | 15.631  | ug/l   | 97       |
| 23) Vinyl Acetate            | 3.721          | 43   | 816881     | 78.071  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 123564     | 15.653  | ug/l   | 100      |
| 25) 2-Butanone               | 4.568          | 43   | 244454     | 74.821  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 99400      | 15.312  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 75253      | 15.690  | ug/l   | 98       |
| 28) Bromochloromethane       | 4.897          | 49   | 63817      | 16.527  | ug/l   | 95       |
| 29) Tetrahydrofuran          | 5.013          | 42   | 158500     | 77.440  | ug/l   | 99       |
| 30) Chloroform               | 5.092          | 83   | 124050     | 15.472  | ug/l   | 98       |
| 31) Cyclohexane              | 5.470          | 56   | 103120     | 15.317  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 108734     | 15.892  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 93627      | 16.302  | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.714          | 43   | 94360      | 15.712  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.678          | 117  | 91421      | 16.883  | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.378          | 83   | 97316      | 15.956  | ug/l   | 98       |
| 40) Benzene                  | 6.037          | 78   | 273256     | 16.574  | ug/l   | 100      |

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 Sample : VX0417MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0417MBS01

Quant Time: Apr 18 05:51:58 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         | 4.922  | 41   | 55203    | 16.902  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 99652    | 15.203  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 158792   | 15.805  | ug/l   | 98       |
| 44) Trichloroethene           | 7.122  | 130  | 73039    | 17.355  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 70579    | 16.428  | ug/l   | 96       |
| 46) Dibromomethane            | 7.580  | 93   | 47386    | 16.030  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 89016    | 16.303  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 78568    | 15.923  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.732  | 88   | 31792    | 312.654 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 477085   | 80.232  | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 173765   | 16.164  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 97173    | 16.543  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 109776   | 17.077  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 68710    | 16.888  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 108126   | 16.962  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 119404   | 16.572  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 319549   | 98.450  | ug/l   | 97       |
| 59) 2-Hexanone                | 9.427  | 43   | 361125   | 80.294  | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.518  | 129  | 66738    | 17.220  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 71974    | 17.012  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.274  | 164  | 61644    | 16.685  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 185844   | 17.301  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 66136    | 17.906  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 330621   | 16.991  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 251452   | 33.828  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 124555   | 17.105  | ug/l   | 100      |
| 70) Styrene                   | 10.652 | 104  | 205738   | 17.699  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 45067    | 17.940  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 308845   | 17.125  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 138765   | 17.113  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 100448   | 16.994  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 94546m   | 19.058  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 78937    | 17.664  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 343226   | 16.474  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 221375   | 16.829  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 254841   | 16.900  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 26454    | 15.981  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 253740   | 16.611  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 243718   | 17.212  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 256059   | 16.698  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 298452   | 17.325  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 254840   | 17.741  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 141087   | 17.336  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 143492   | 16.882  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 216564   | 17.256  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 38176    | 17.154  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 142271   | 17.455  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 20745    | 16.814  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 84078    | 18.239  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 36901    | 18.200  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 293159   | 17.897  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 82702    | 17.790  | ug/l   | 99       |

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Sample : VX0417MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

Quant Time: Apr 18 05:51:58 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

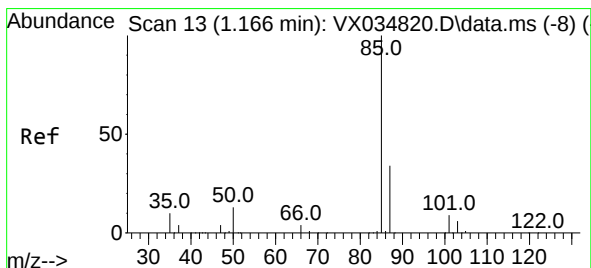
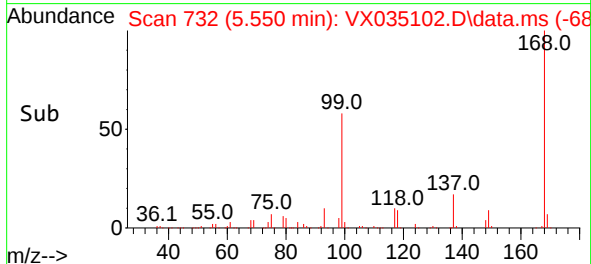
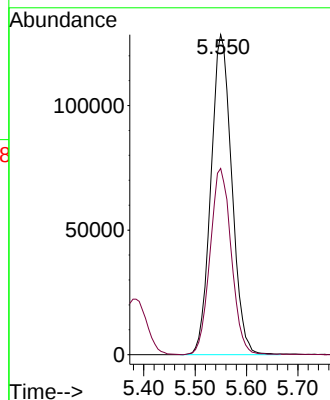
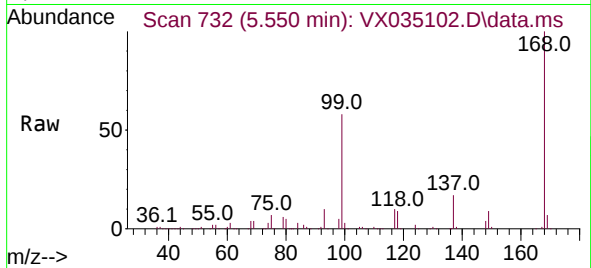




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

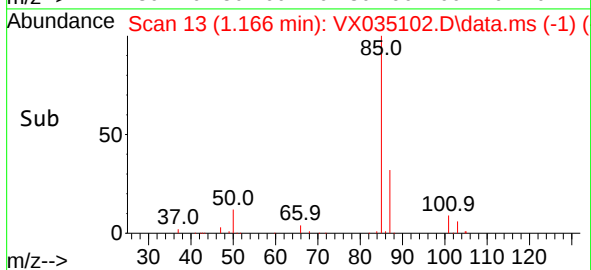
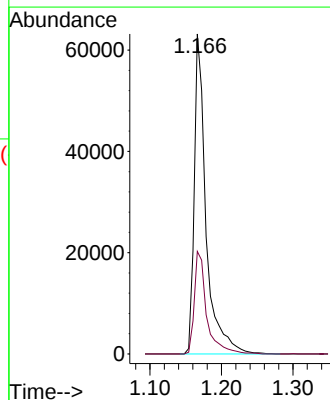
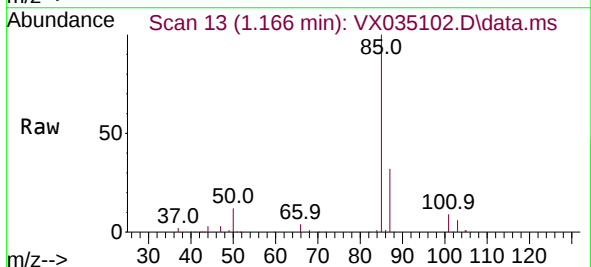
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

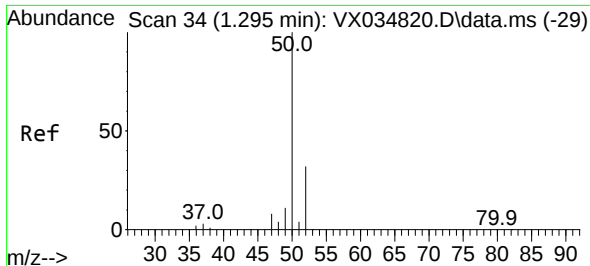
Tgt Ion:168 Resp: 361521  
Ion Ratio Lower Upper  
168 100  
99 58.1 45.7 68.5



#2  
Dichlorodifluoromethane  
Concen: 20.061 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 85 Resp: 72334  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.4 49.1

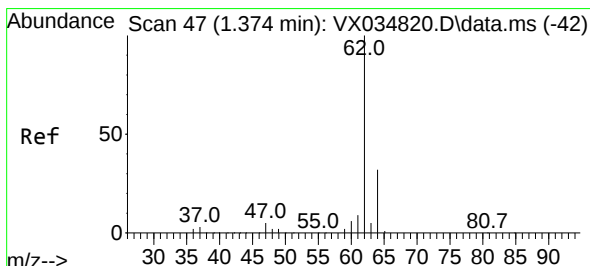
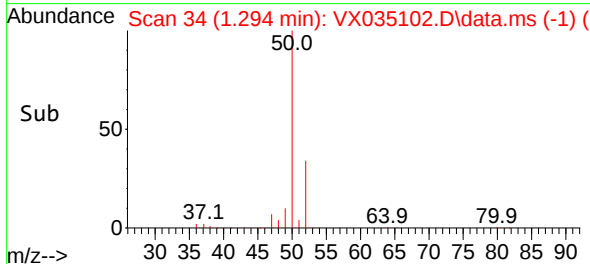
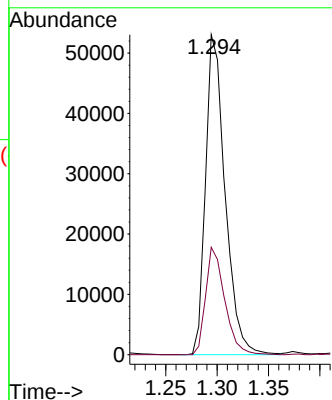
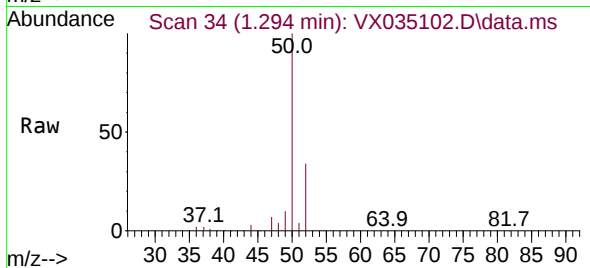




#3  
Chloromethane  
Concen: 15.603 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

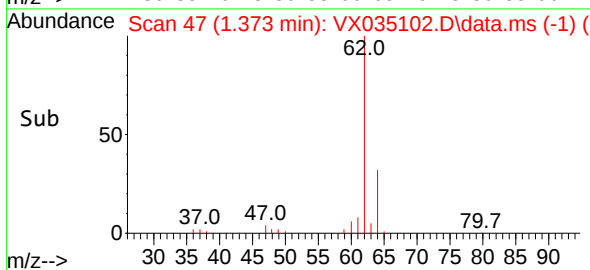
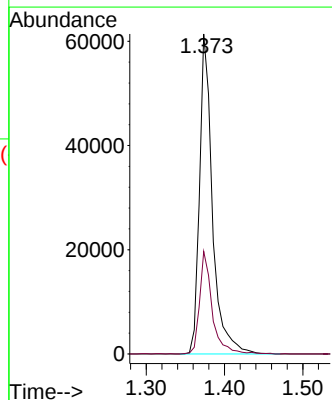
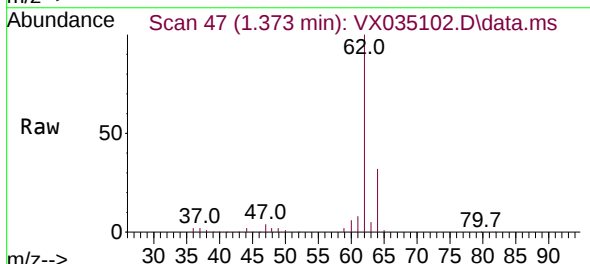
Instrument :  
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ClientSampleId :  
VX0417MBS01

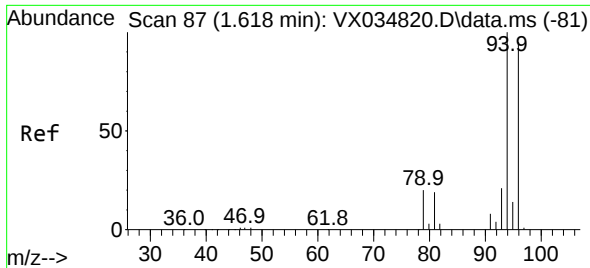
Tgt Ion: 50 Resp: 70440  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.9 38.9



#4  
Vinyl Chloride  
Concen: 15.752 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 62 Resp: 70414  
Ion Ratio Lower Upper  
62 100  
64 32.1 26.4 39.6

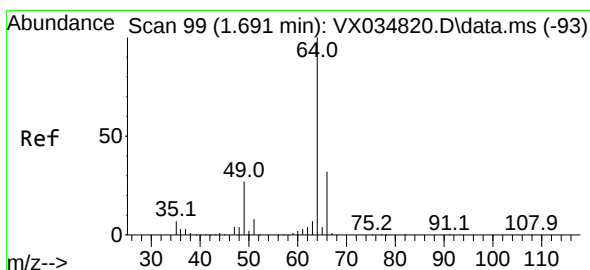
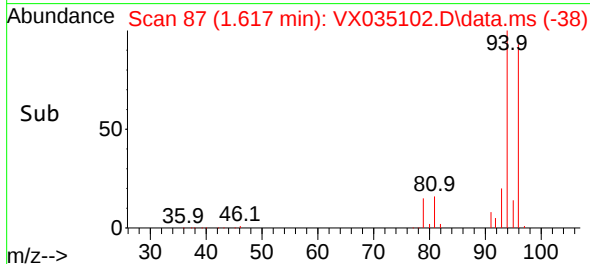
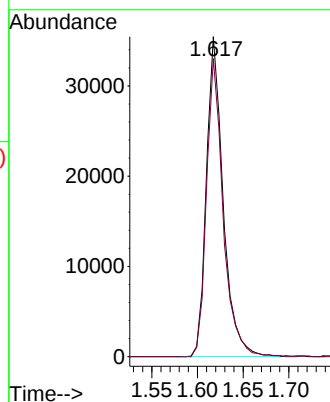
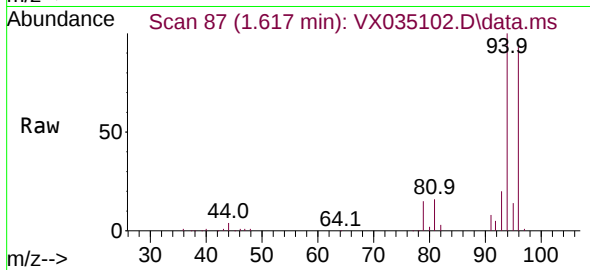




#5  
Bromomethane  
Concen: 15.543 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

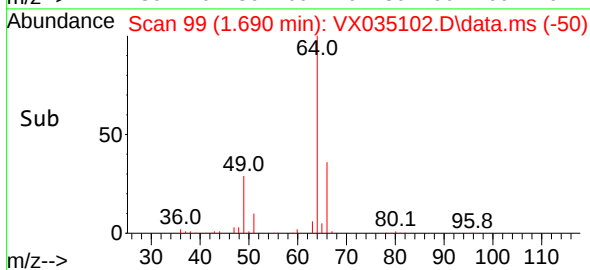
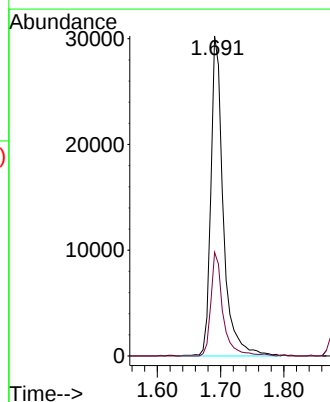
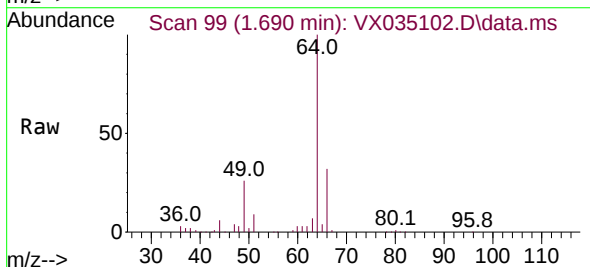
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

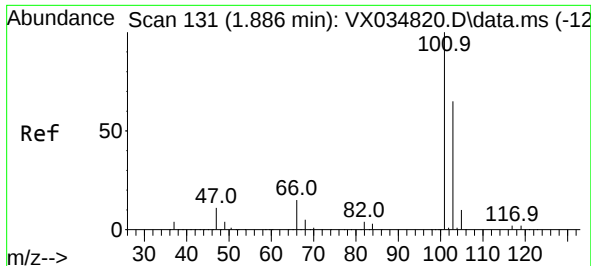
Tgt Ion: 94 Resp: 45148  
Ion Ratio Lower Upper  
94 100  
96 93.2 77.0 115.6



#6  
Chloroethane  
Concen: 14.227 ug/l  
RT: 1.690 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 64 Resp: 41378  
Ion Ratio Lower Upper  
64 100  
66 32.4 26.2 39.4

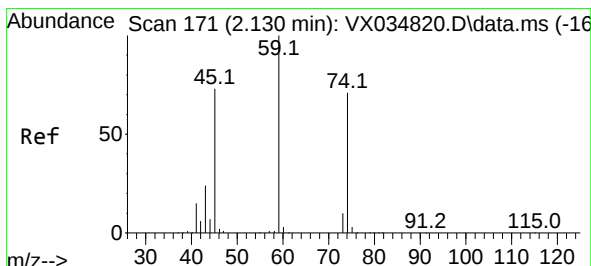
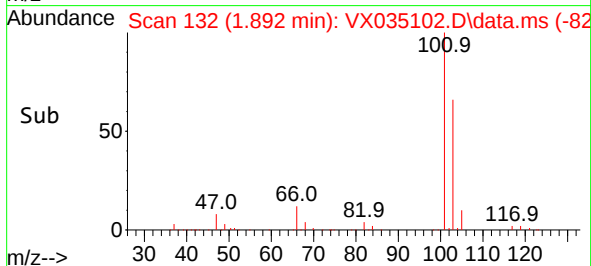
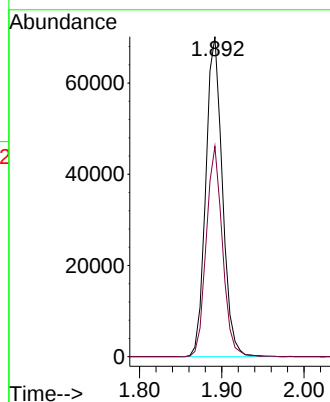
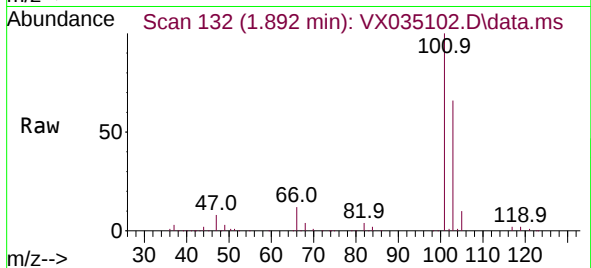




#7  
Trichlorofluoromethane  
Concen: 13.713 ug/l  
RT: 1.892 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

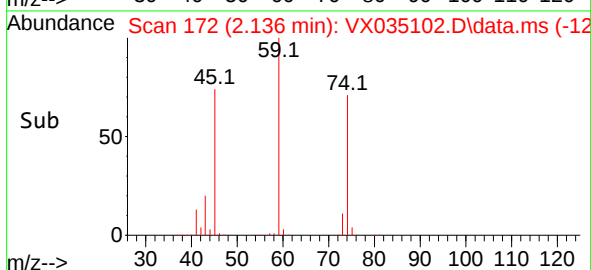
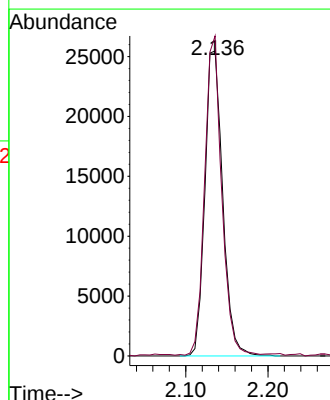
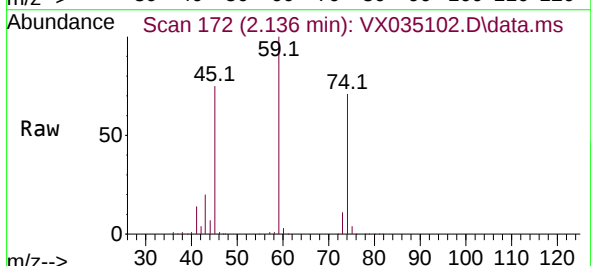
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

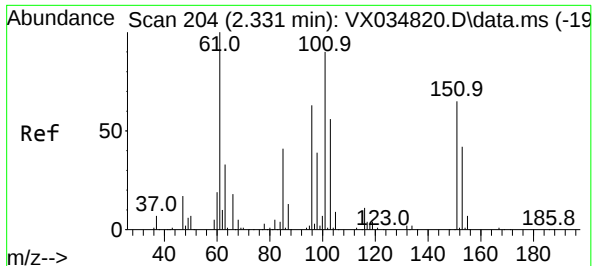
Tgt Ion:101 Resp: 98543  
Ion Ratio Lower Upper  
101 100  
103 65.7 52.0 78.0



#8  
Diethyl Ether  
Concen: 15.167 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 74 Resp: 38424  
Ion Ratio Lower Upper  
74 100  
45 99.6 49.8 149.3

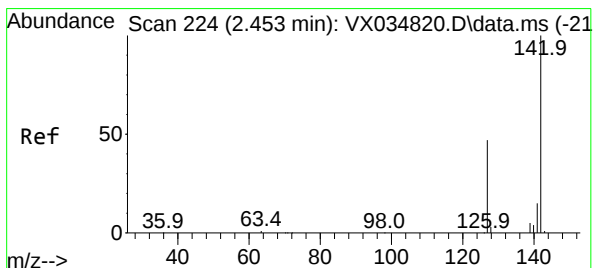
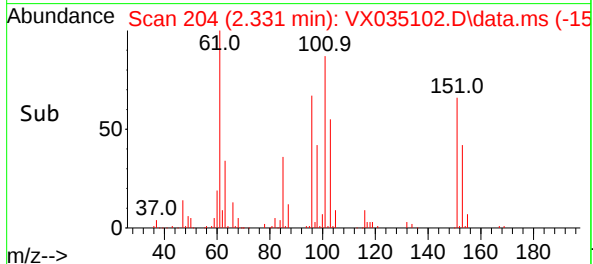
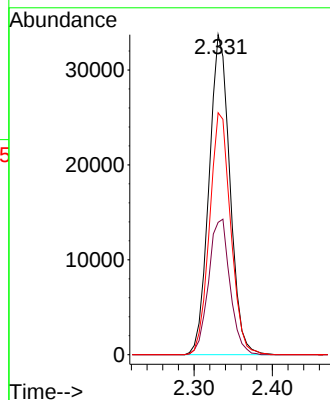
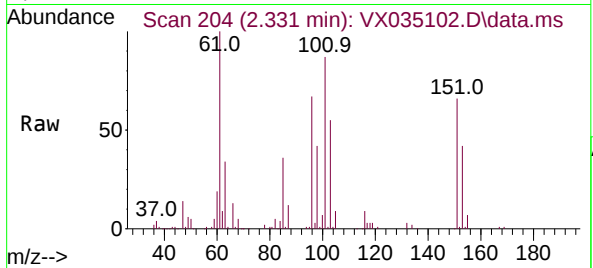




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 16.609 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

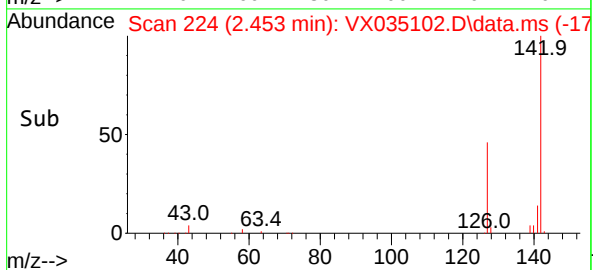
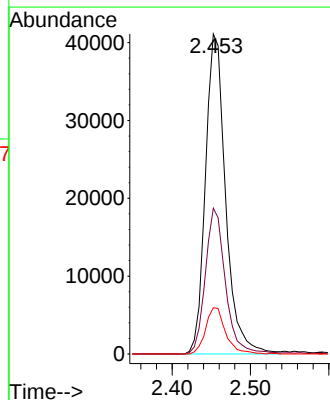
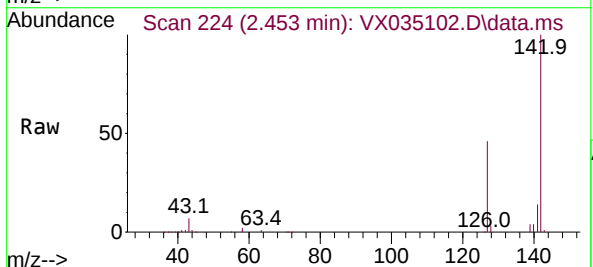
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

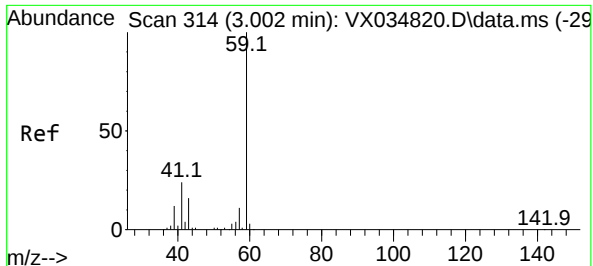
Tgt Ion:101 Resp: 62383  
Ion Ratio Lower Upper  
101 100  
85 43.5 35.4 53.2  
151 76.5 60.2 90.4



#10  
Methyl Iodide  
Concen: 15.734 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion:142 Resp: 73594  
Ion Ratio Lower Upper  
142 100  
127 45.4 34.0 51.0  
141 14.3 11.1 16.7

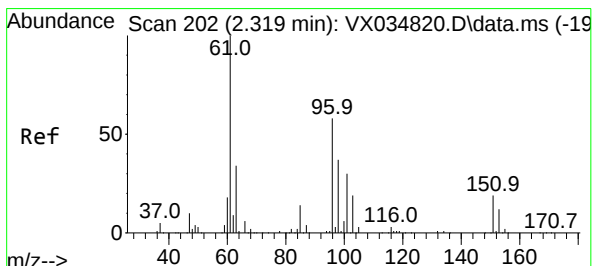
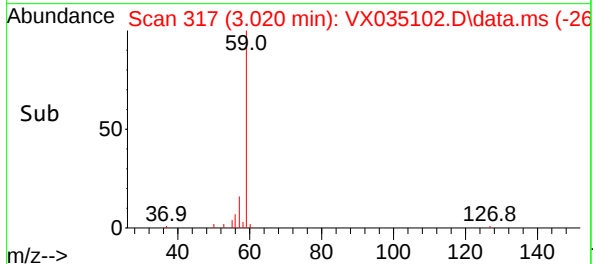
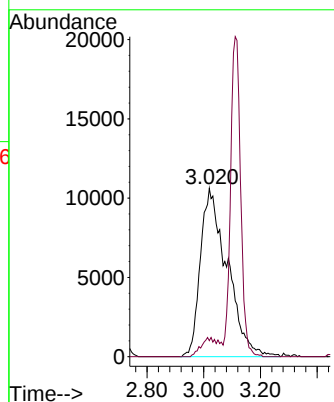
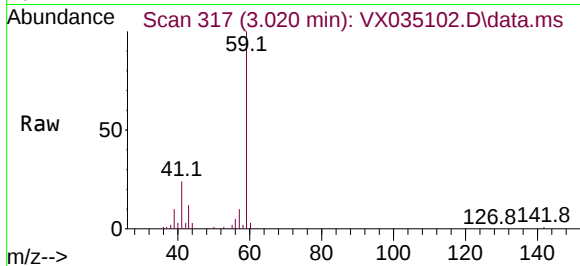




#11  
Tert butyl alcohol  
Concen: 71.617 ug/l  
RT: 3.020 min Scan# 314  
Delta R.T. 0.018 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

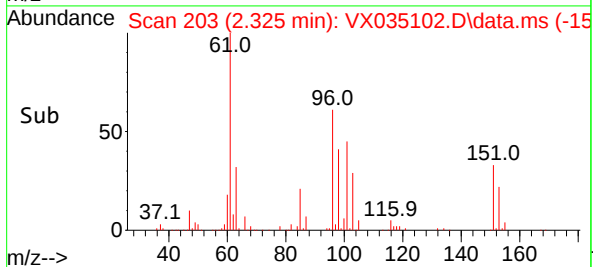
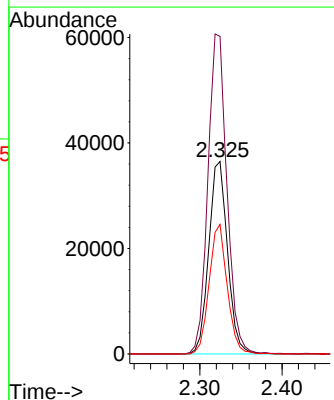
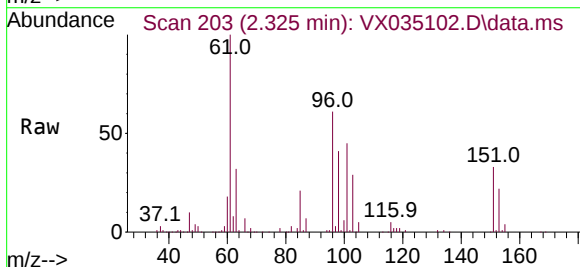
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

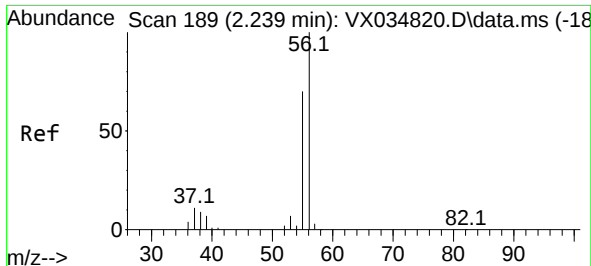
Tgt Ion: 59 Resp: 69474  
Ion Ratio Lower Upper  
59 100  
57 6.9 8.1 12.1#



#12  
1,1-Dichloroethene  
Concen: 15.603 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 96 Resp: 57908  
Ion Ratio Lower Upper  
96 100  
61 165.1 128.8 193.2  
98 67.4 51.4 77.0

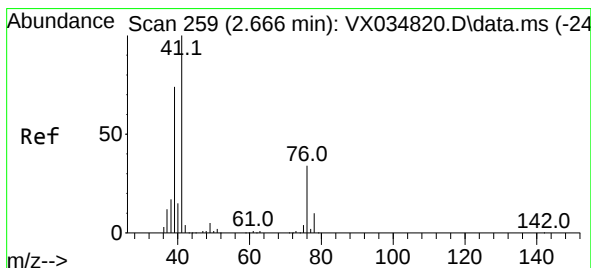
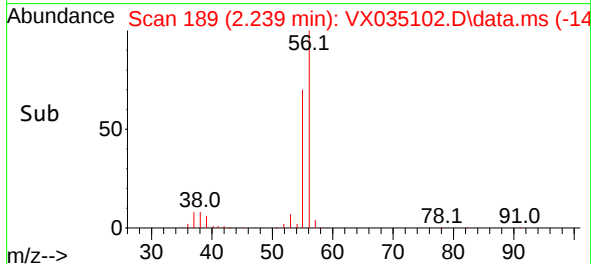
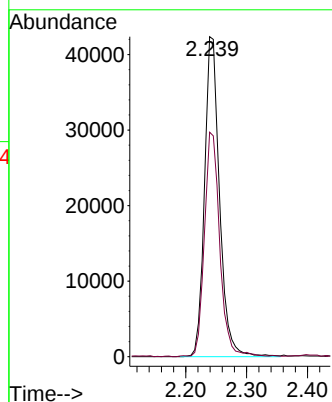
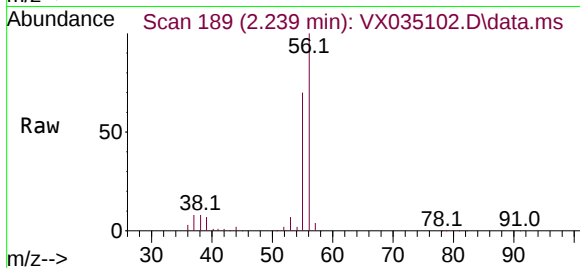




#13  
Acrolein  
Concen: 72.710 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

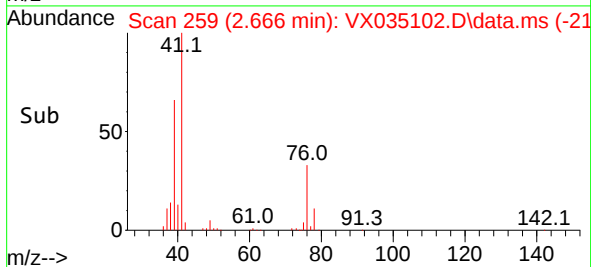
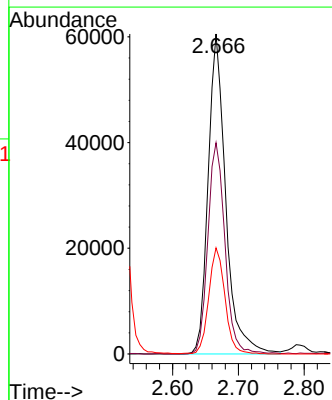
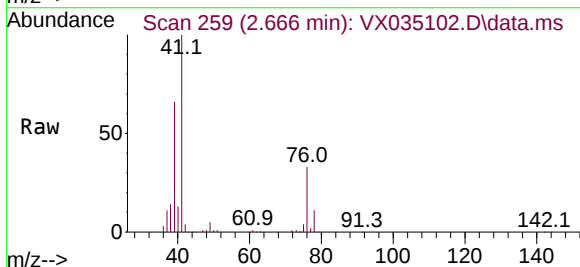
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

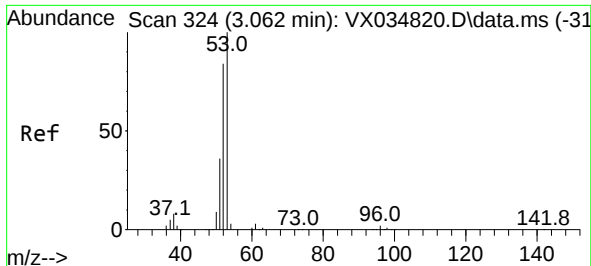
Tgt Ion: 56 Resp: 72608  
Ion Ratio Lower Upper  
56 100  
55 71.7 56.6 85.0



#14  
Allyl chloride  
Concen: 15.542 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 41 Resp: 113011  
Ion Ratio Lower Upper  
41 100  
39 64.0 52.4 78.6  
76 30.5 26.0 39.0

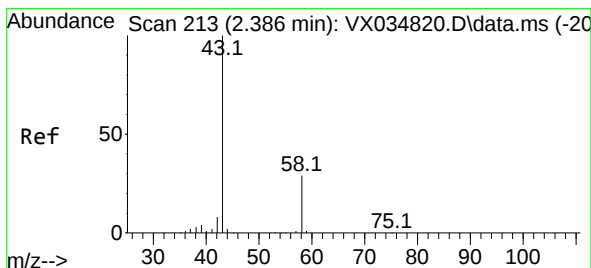
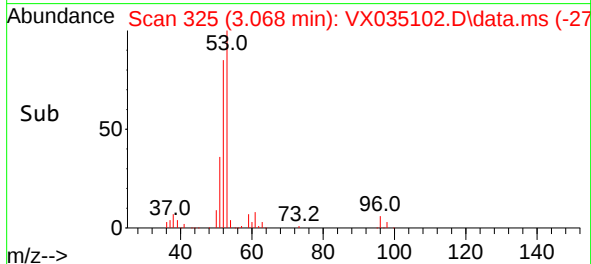
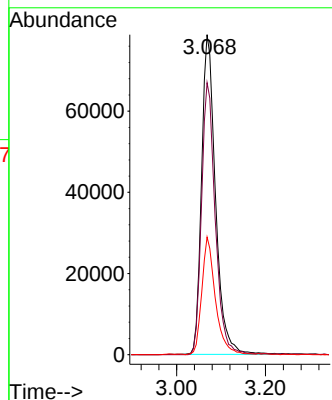
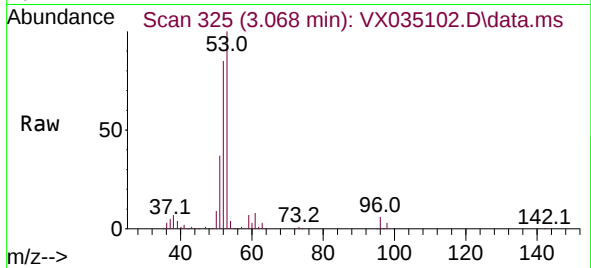




#15  
Acrylonitrile  
Concen: 79.014 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

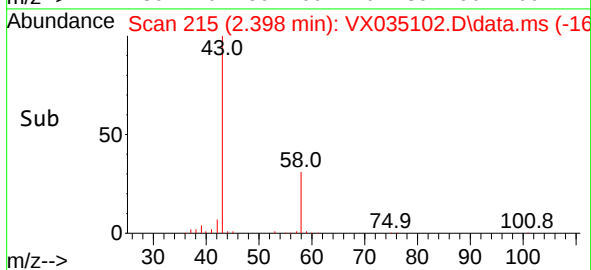
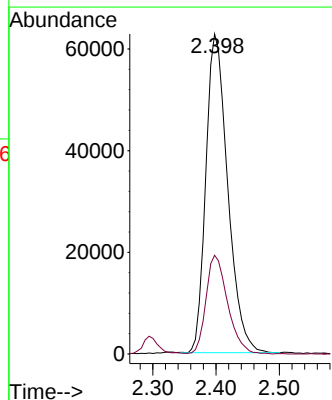
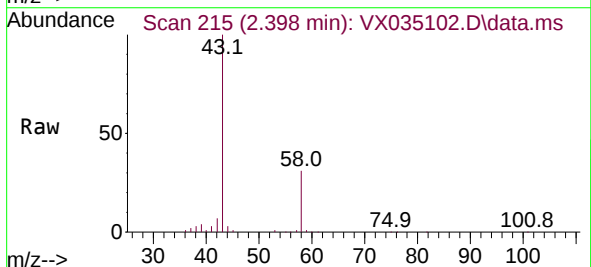
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

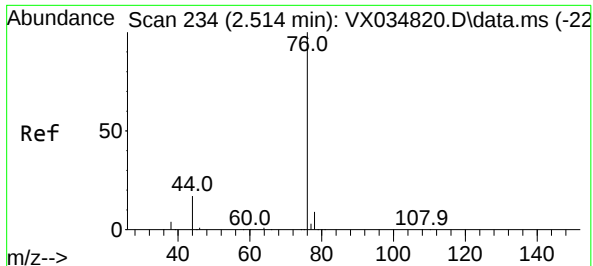
Tgt Ion: 53 Resp: 172533  
Ion Ratio Lower Upper  
53 100  
52 83.7 66.2 99.2  
51 35.9 28.3 42.5



#16  
Acetone  
Concen: 67.054 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. 0.012 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 43 Resp: 150606  
Ion Ratio Lower Upper  
43 100  
58 30.8 24.7 37.1

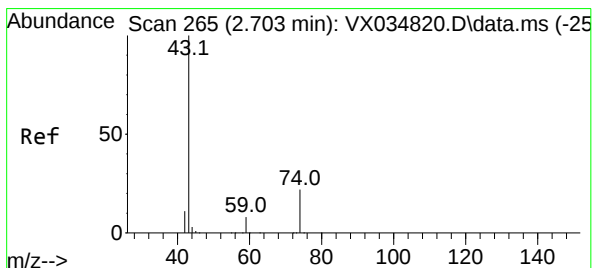
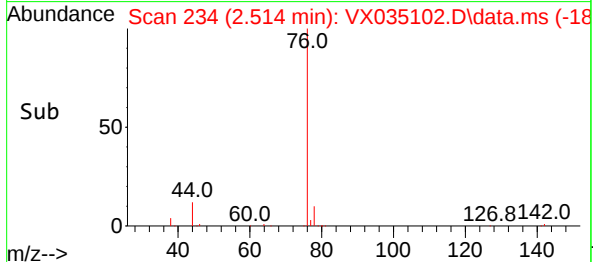
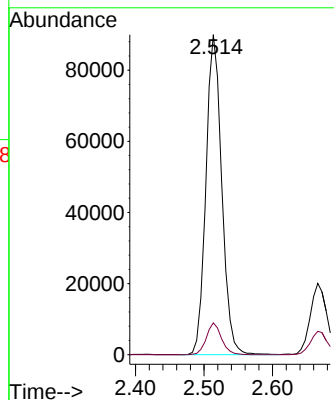
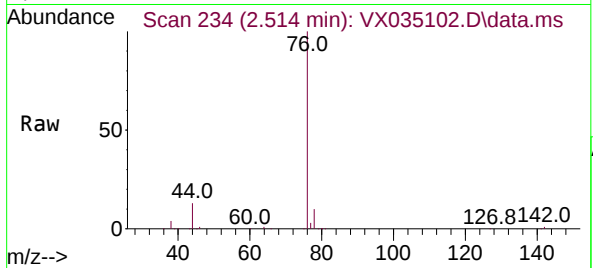




#17  
Carbon Disulfide  
Concen: 15.552 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

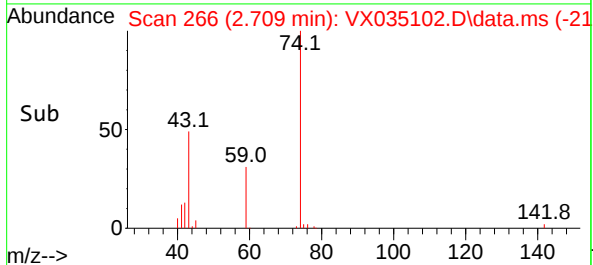
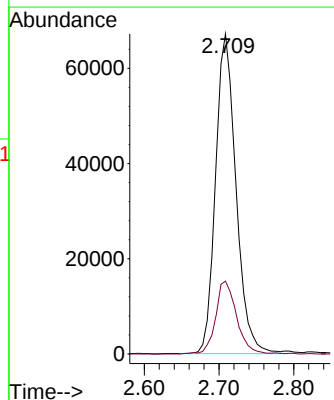
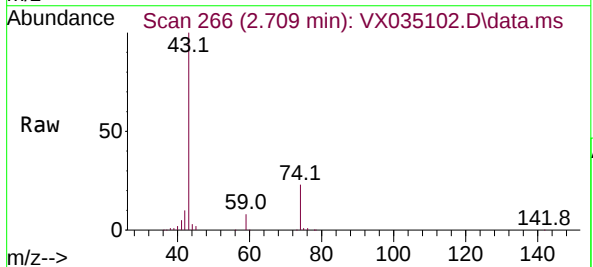
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

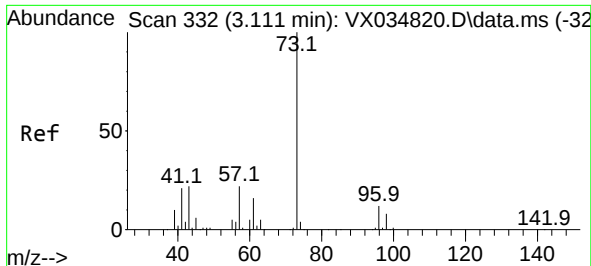
Tgt Ion: 76 Resp: 144559  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 16.017 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 43 Resp: 127823  
Ion Ratio Lower Upper  
43 100  
74 23.4 18.3 27.5

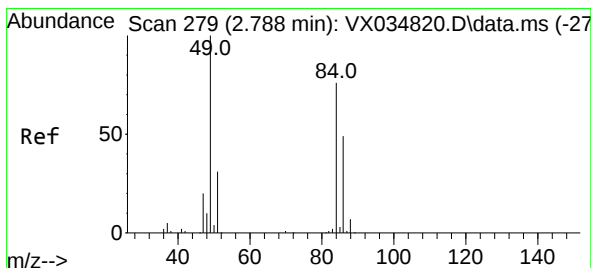
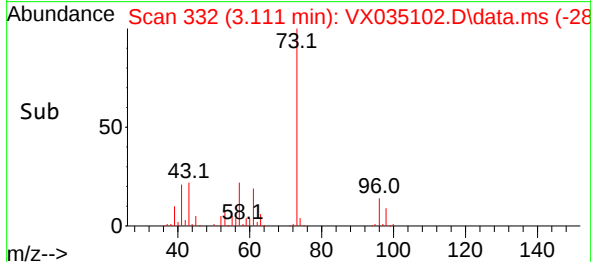
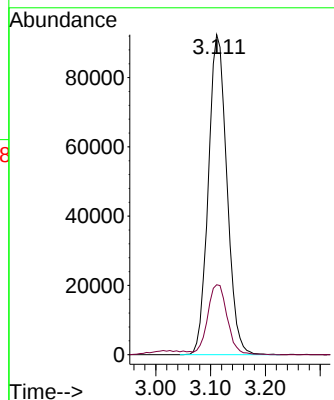
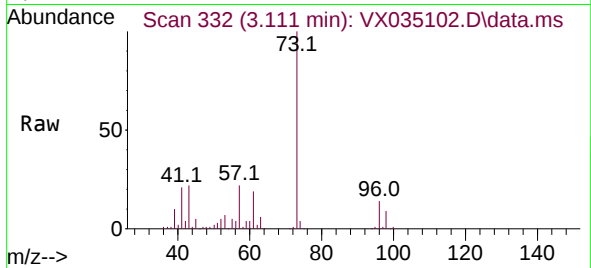




#19  
Methyl tert-butyl Ether  
Concen: 15.768 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

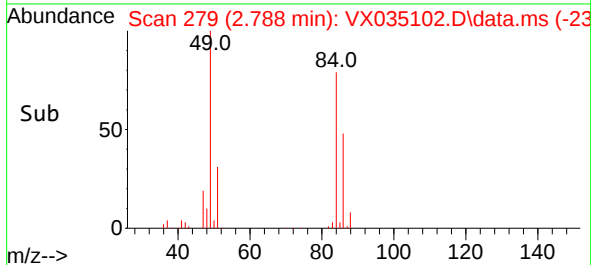
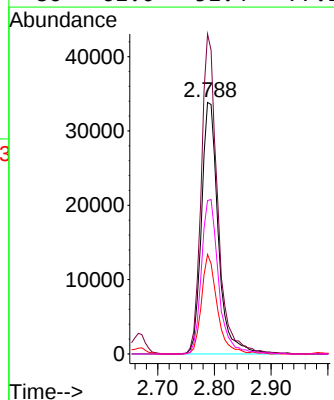
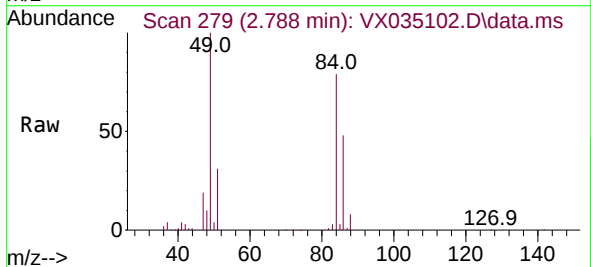
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

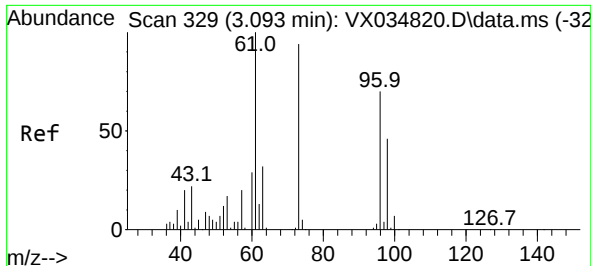
Tgt Ion: 73 Resp: 216669  
Ion Ratio Lower Upper  
73 100  
57 21.8 18.5 27.7



#20  
Methylene Chloride  
Concen: 15.738 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 84 Resp: 69752  
Ion Ratio Lower Upper  
84 100  
49 127.2 103.8 155.8  
51 39.6 31.8 47.8  
86 61.0 51.4 77.2

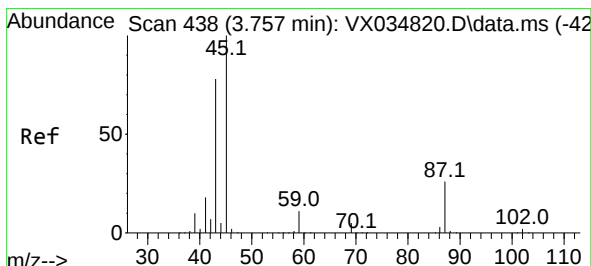
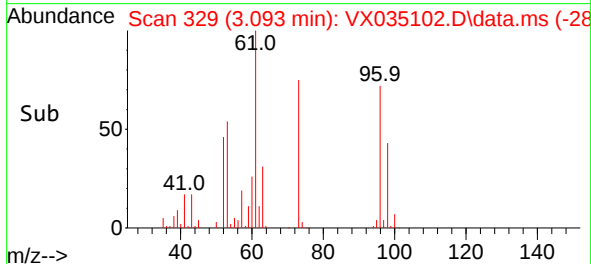
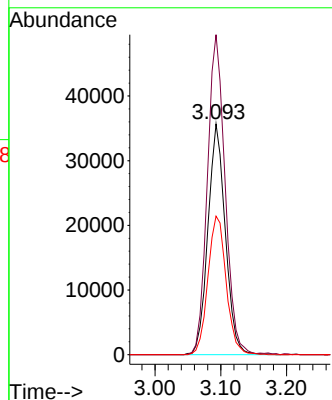
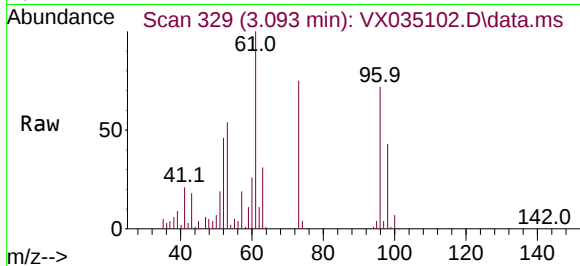




#21  
trans-1,2-Dichloroethene  
Concen: 16.232 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

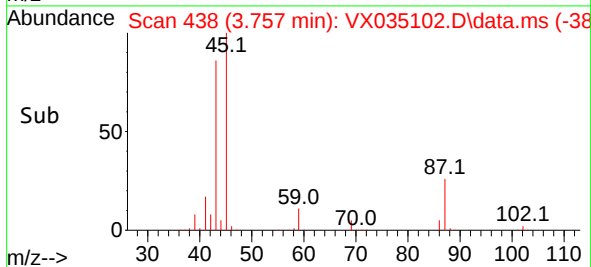
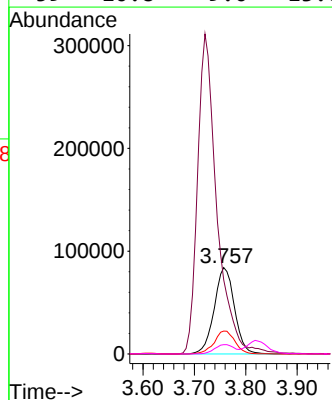
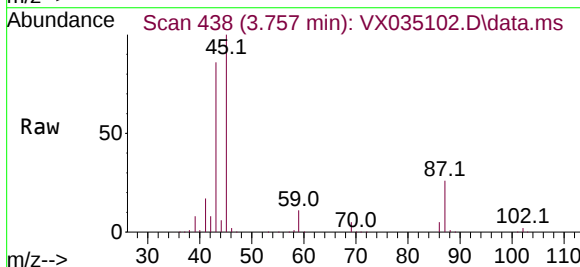
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

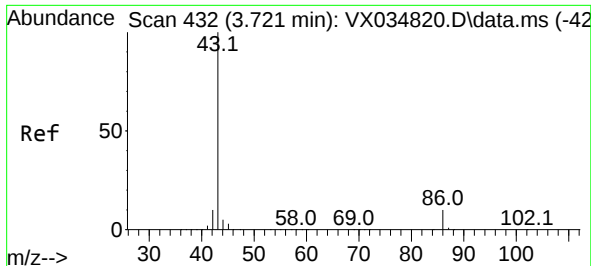
Tgt Ion: 96 Resp: 65702  
Ion Ratio Lower Upper  
96 100  
61 138.7 113.0 169.6  
98 60.0 52.1 78.1



#22  
Diisopropyl ether  
Concen: 15.631 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 45 Resp: 229325  
Ion Ratio Lower Upper  
45 100  
43 85.6 65.4 98.2  
87 26.5 20.6 31.0  
59 10.8 9.0 13.6

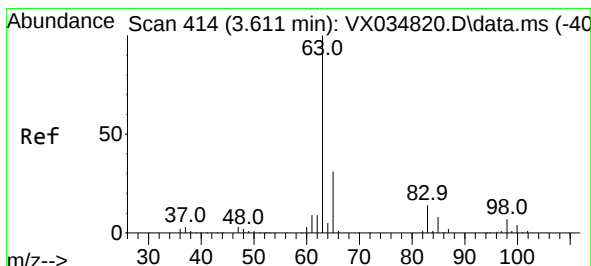
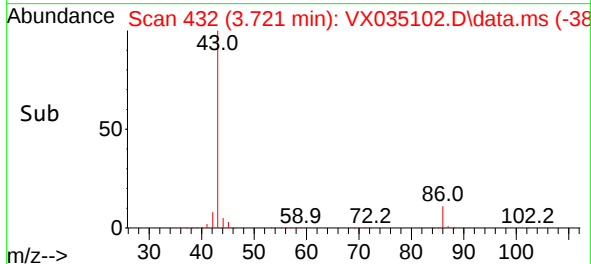
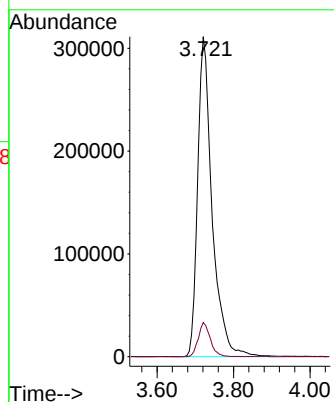
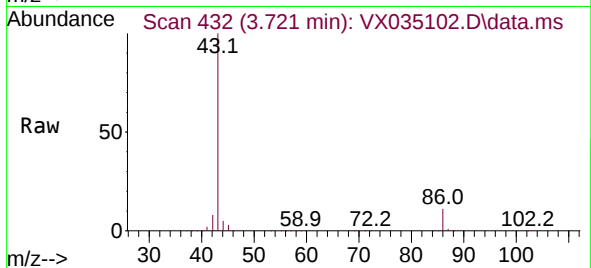




#23  
 Vinyl Acetate  
 Concen: 78.071 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX035102.D  
 Acq: 17 Apr 2023 12:28

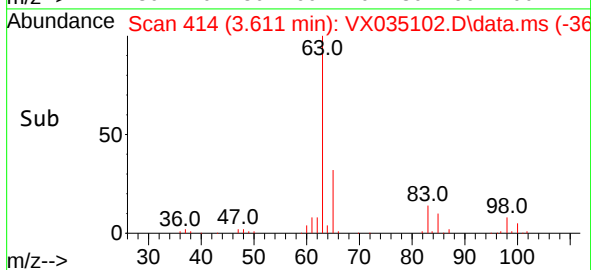
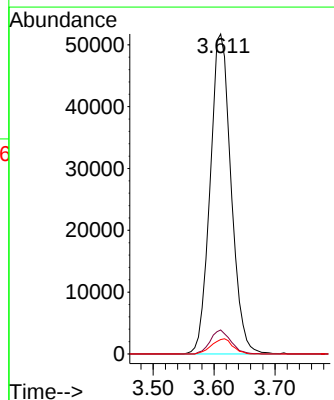
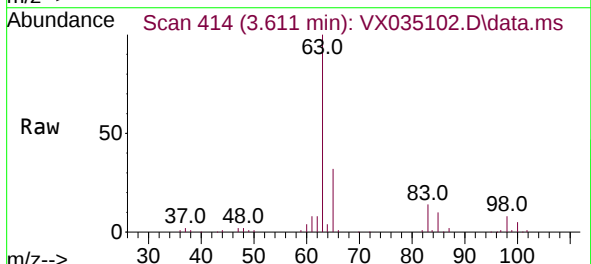
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0417MBS01

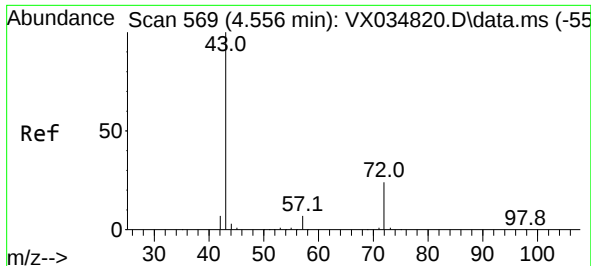
Tgt Ion: 43 Resp: 816881  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 15.653 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX035102.D  
 Acq: 17 Apr 2023 12:28

Tgt Ion: 63 Resp: 123564  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.8 11.2  
 100 4.5 2.4 7.1

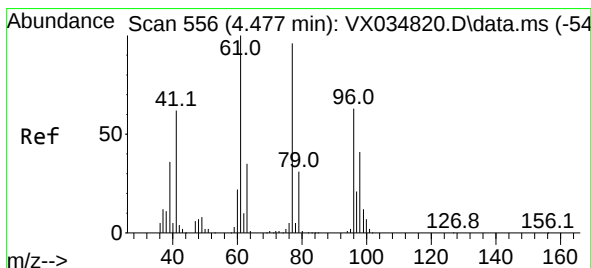
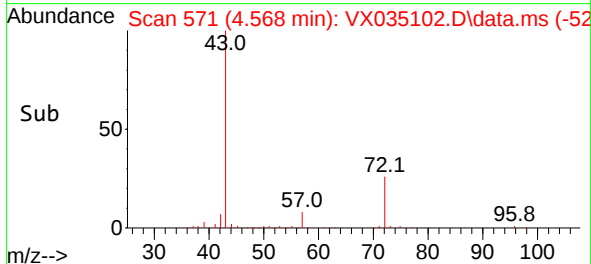
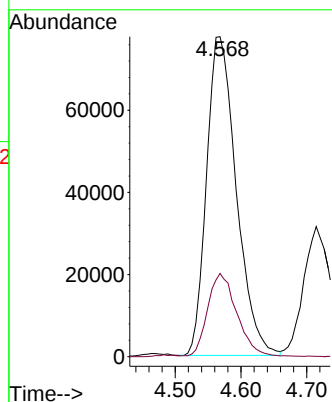
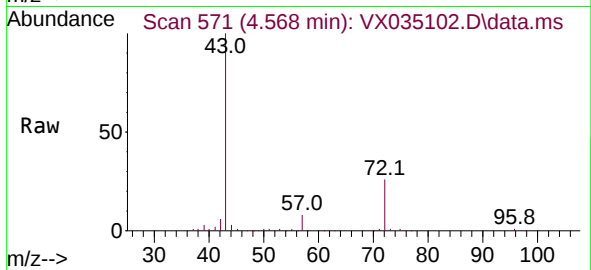




#25  
2-Butanone  
Concen: 74.821 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

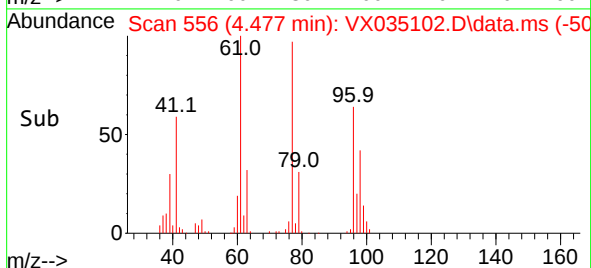
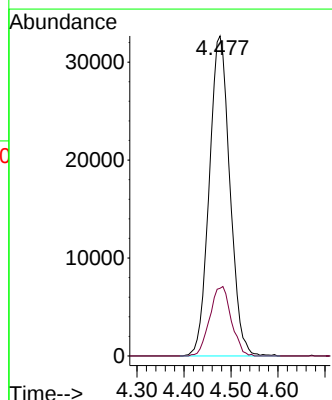
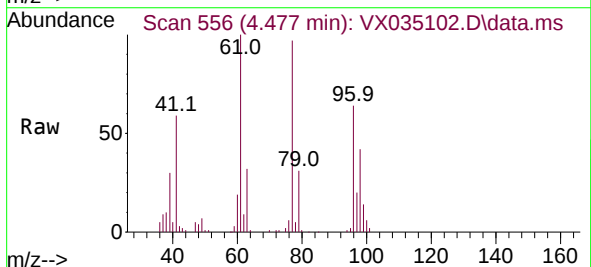
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

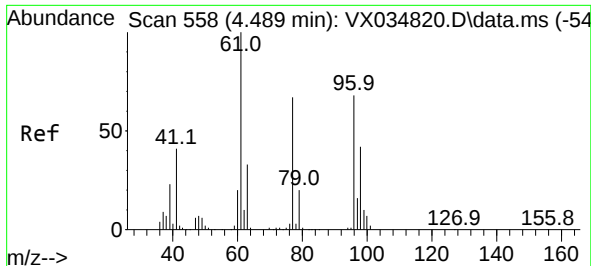
Tgt Ion: 43 Resp: 244454  
Ion Ratio Lower Upper  
43 100  
72 25.9 19.3 28.9



#26  
2,2-Dichloropropane  
Concen: 15.312 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 77 Resp: 99400  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 15.690 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

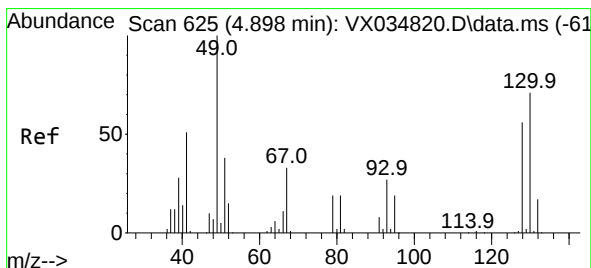
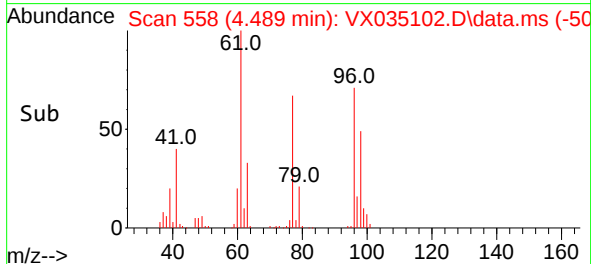
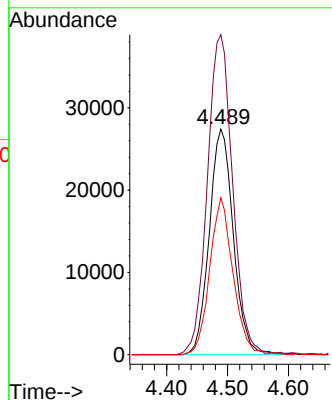
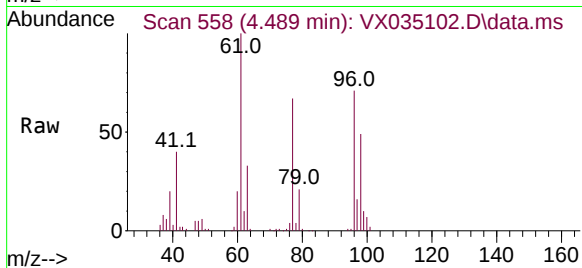
Tgt Ion: 96 Resp: 75253

Ion Ratio Lower Upper

96 100

61 148.9 0.0 300.4

98 67.0 0.0 129.0



#28

Bromochloromethane

Concen: 16.527 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

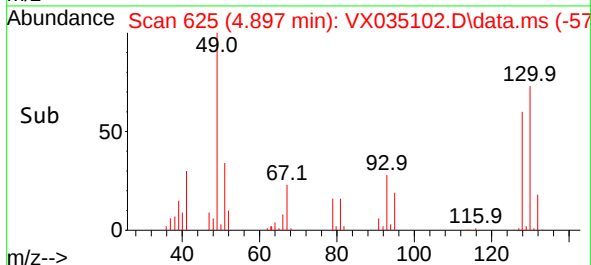
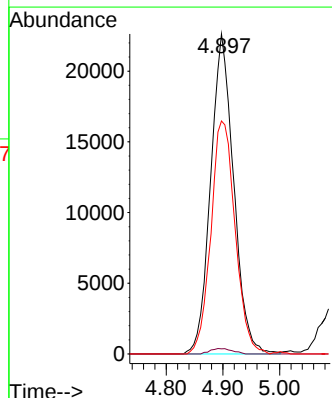
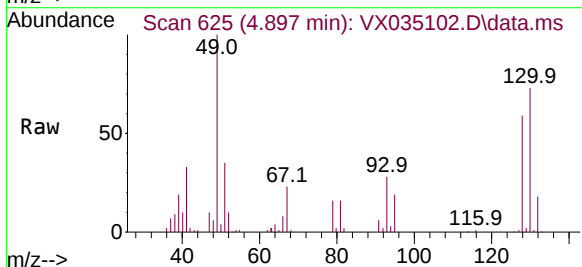
Tgt Ion: 49 Resp: 63817

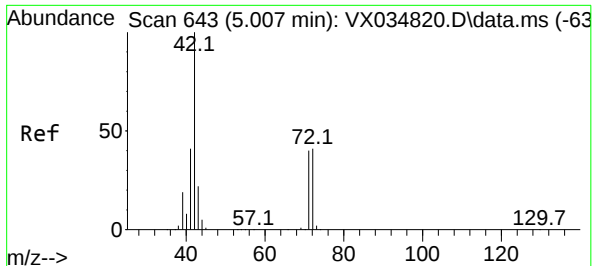
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 76.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 77.440 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

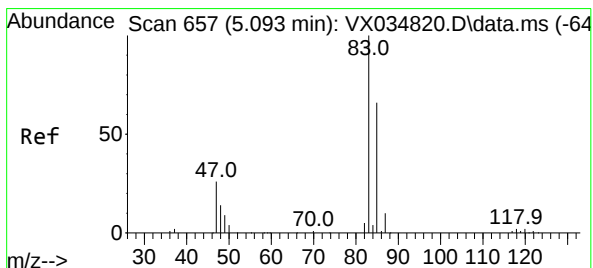
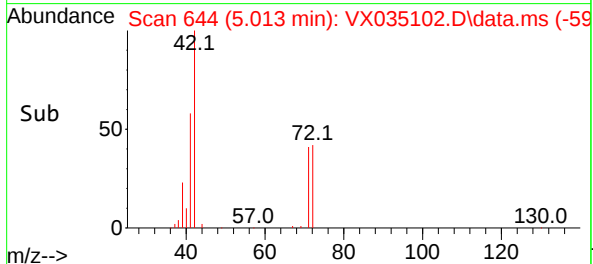
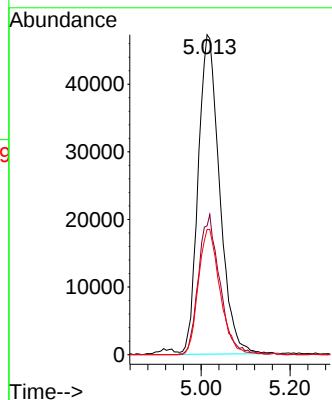
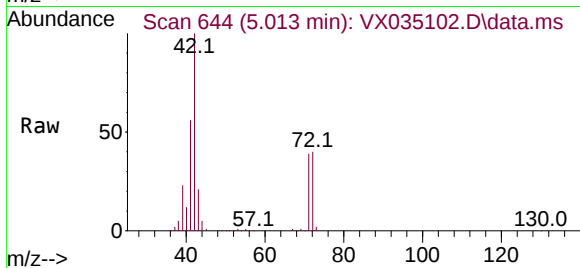
Tgt Ion: 42 Resp: 158500

Ion Ratio Lower Upper

42 100

72 43.4 34.5 51.7

71 39.7 32.1 48.1



#30

Chloroform

Concen: 15.472 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035102.D

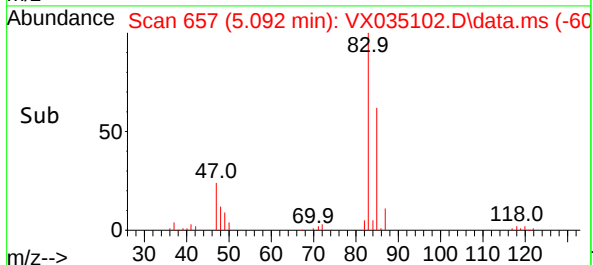
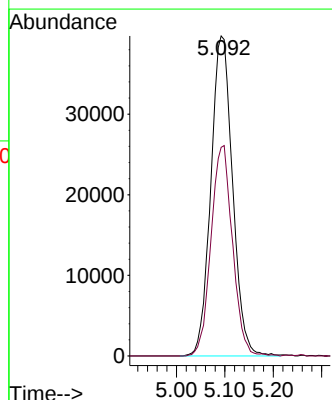
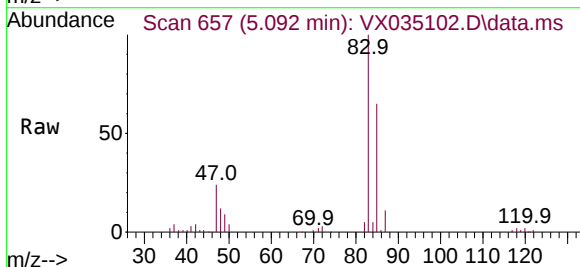
Acq: 17 Apr 2023 12:28

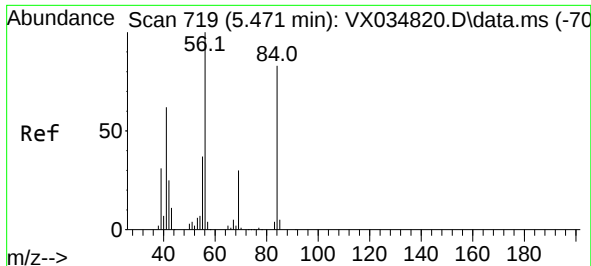
Tgt Ion: 83 Resp: 124050

Ion Ratio Lower Upper

83 100

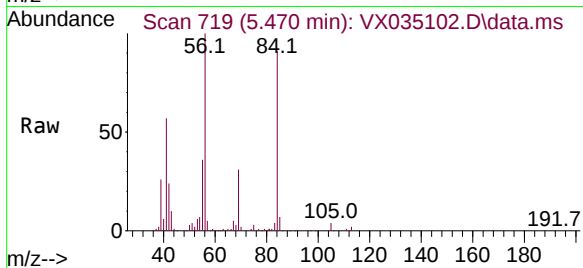
85 65.2 50.6 76.0



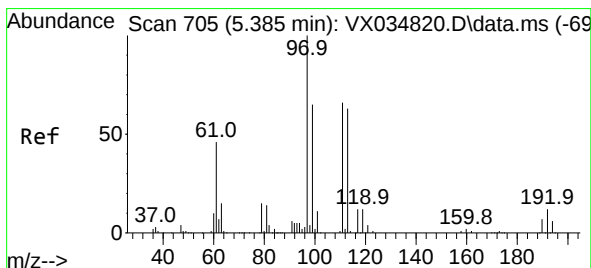
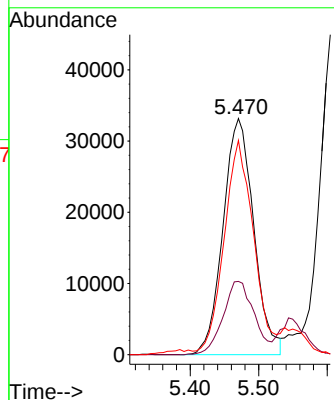
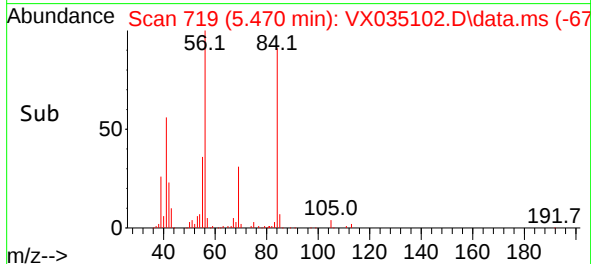


#31  
Cyclohexane  
Concen: 15.317 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

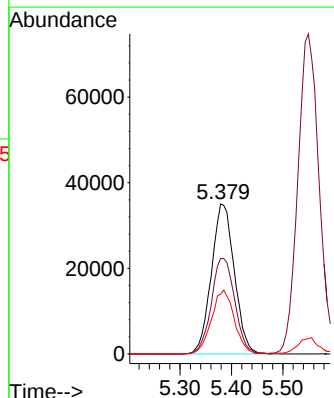
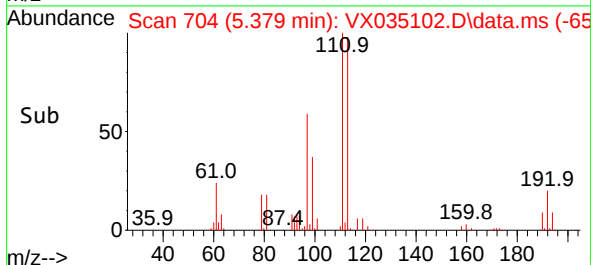
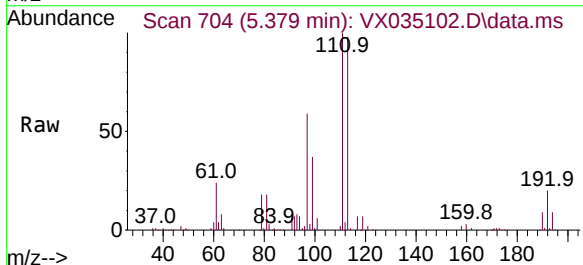


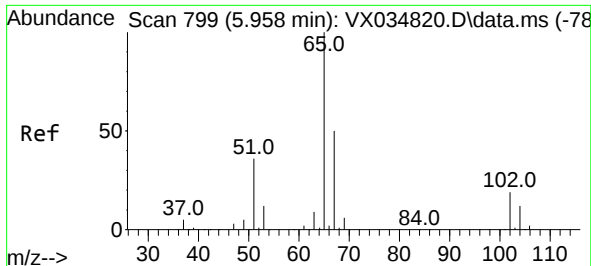
Tgt Ion: 56 Resp: 103120  
Ion Ratio Lower Upper  
56 100  
69 31.1 23.7 35.5  
84 88.5 68.5 102.7



#32  
1,1,1-Trichloroethane  
Concen: 15.892 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 97 Resp: 108734  
Ion Ratio Lower Upper  
97 100  
99 64.9 51.1 76.7  
61 42.2 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 40.448 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

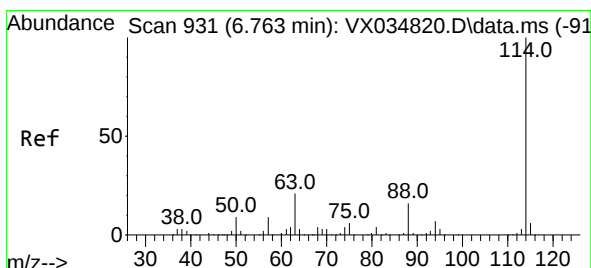
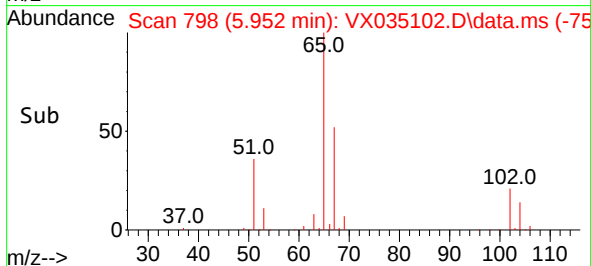
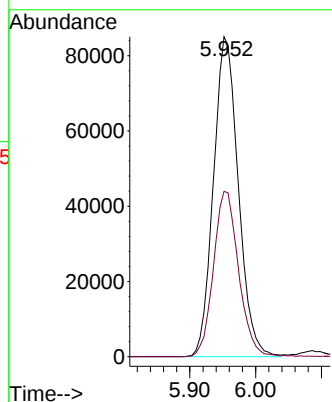
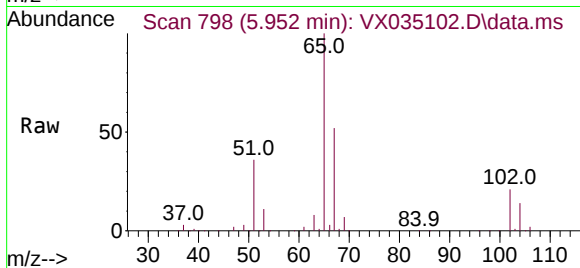
VX0417MBS01

Tgt Ion: 65 Resp: 223637

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

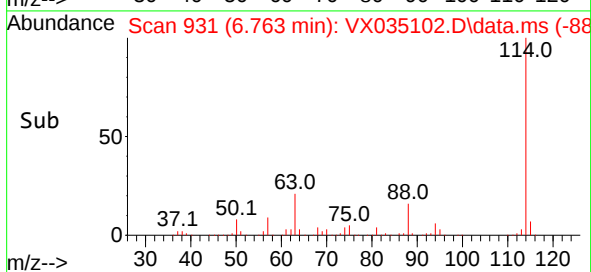
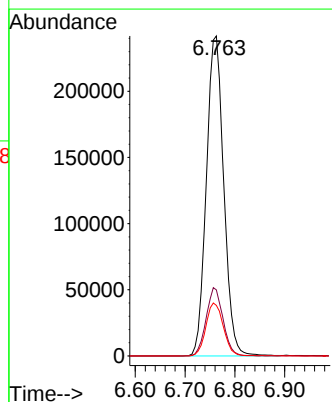
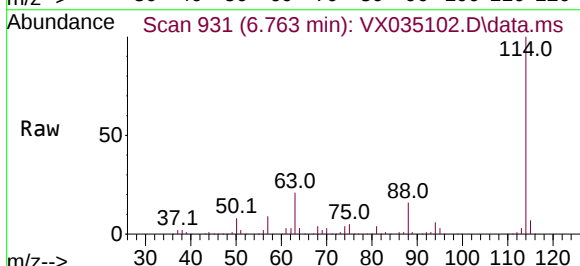
Tgt Ion: 114 Resp: 586116

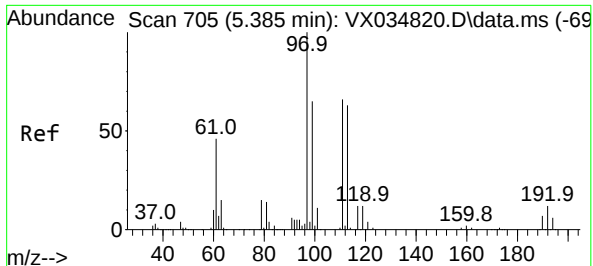
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

88 15.8 0.0 33.2

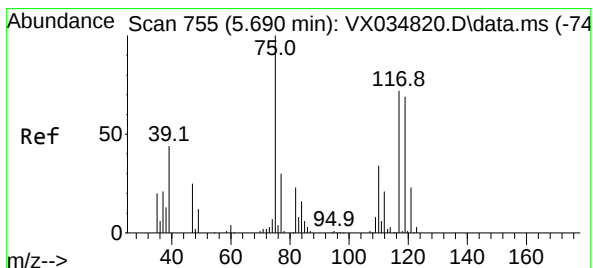
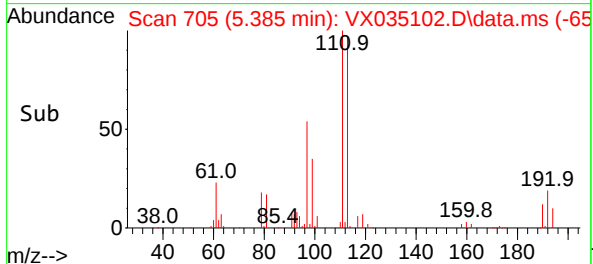
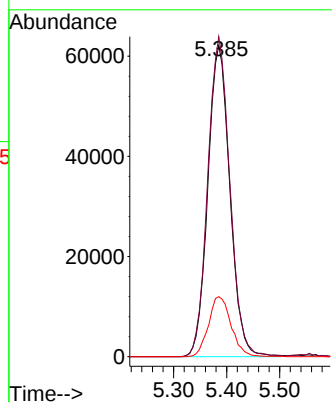
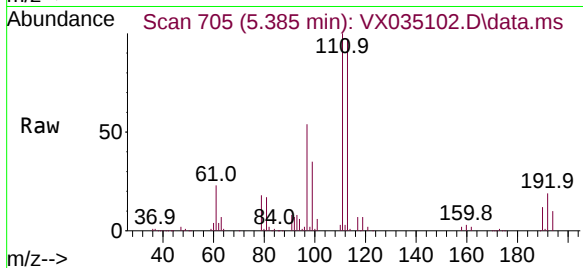




#35  
Dibromofluoromethane  
Concen: 46.219 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

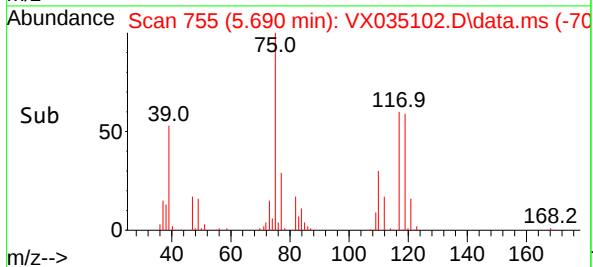
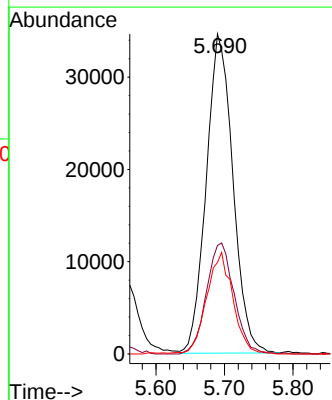
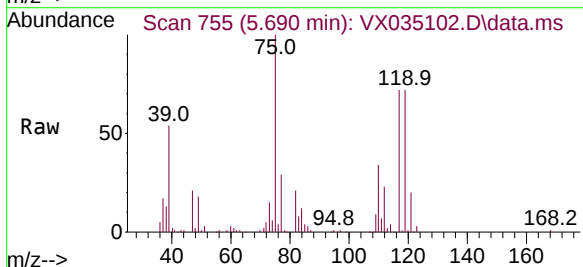
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

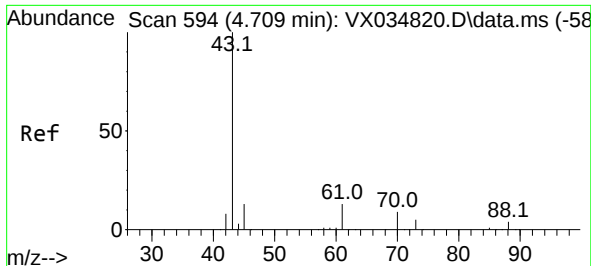
Tgt Ion:113 Resp: 179177  
Ion Ratio Lower Upper  
113 100  
111 103.6 83.7 125.5  
192 19.8 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 16.302 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 75 Resp: 93627  
Ion Ratio Lower Upper  
75 100  
110 36.0 17.5 52.5  
77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 15.712 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

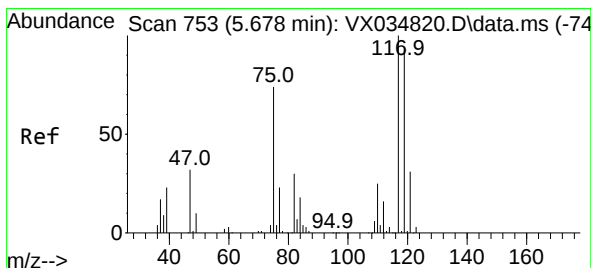
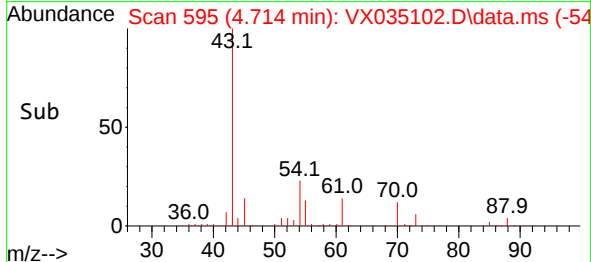
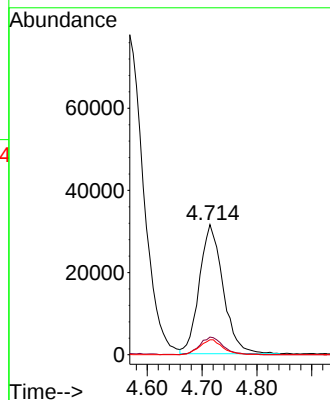
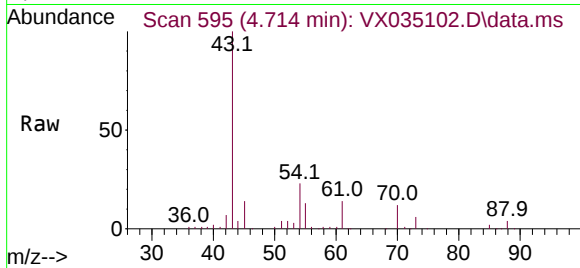
Tgt Ion: 43 Resp: 94360

Ion Ratio Lower Upper

43 100

61 13.5 10.2 15.4

70 11.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 16.883 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

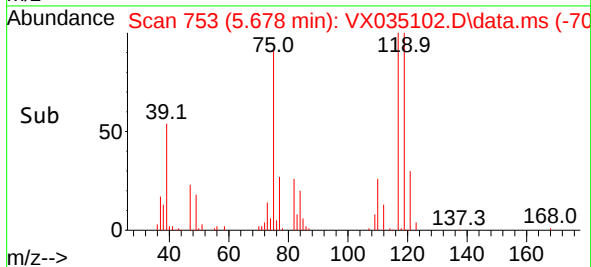
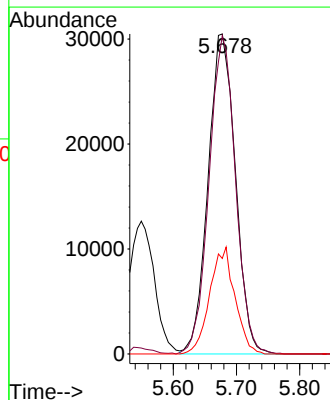
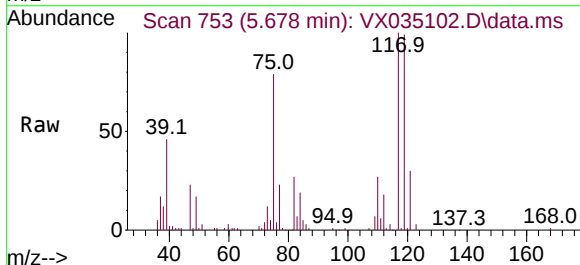
Tgt Ion: 117 Resp: 91421

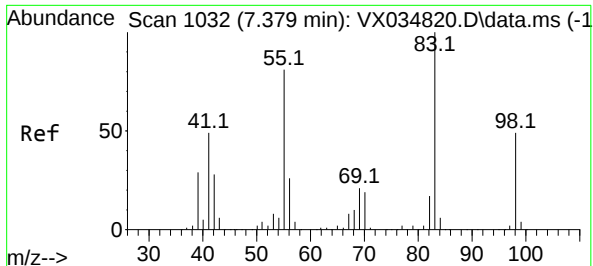
Ion Ratio Lower Upper

117 100

119 99.2 76.6 114.8

121 29.9 23.8 35.6

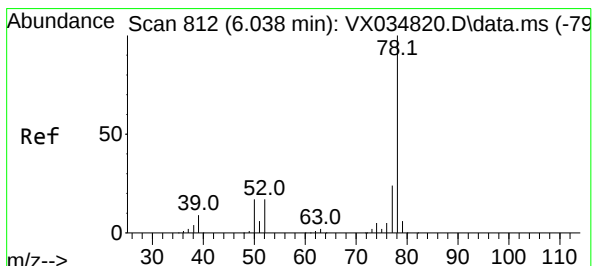
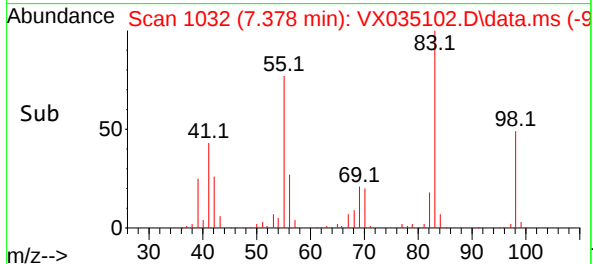
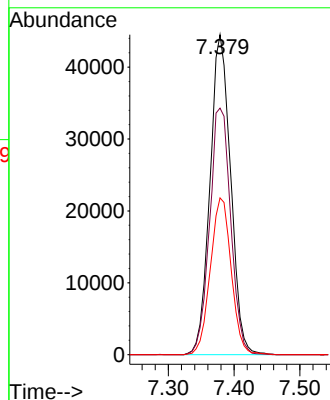
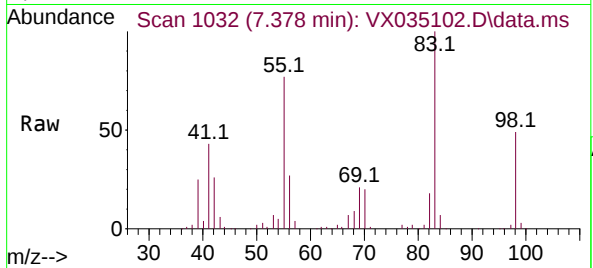




#39  
Methylcyclohexane  
Concen: 15.956 ug/l  
RT: 7.378 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

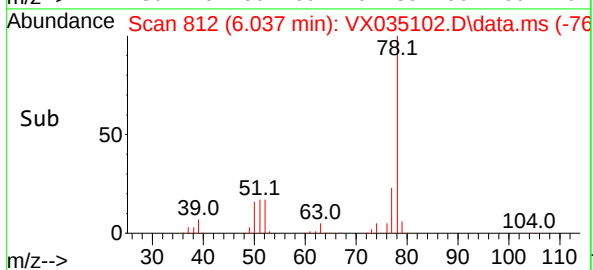
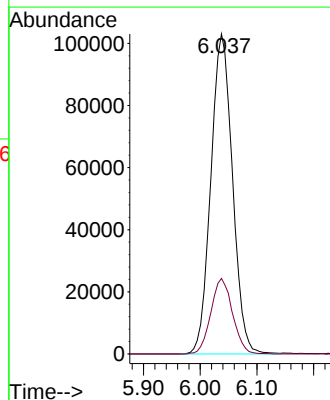
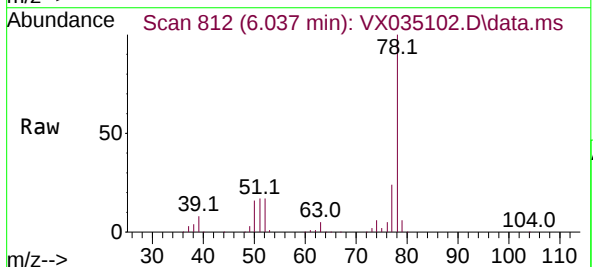
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

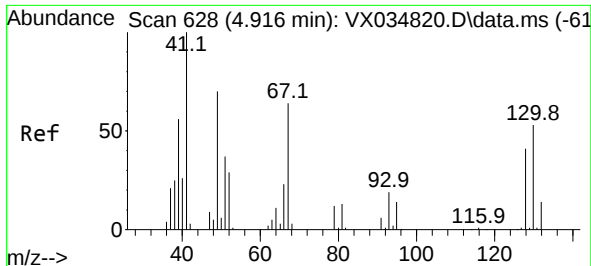
Tgt Ion: 83 Resp: 97316  
Ion Ratio Lower Upper  
83 100  
55 77.0 60.5 90.7  
98 49.0 40.4 60.6



#40  
Benzene  
Concen: 16.574 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 78 Resp: 273256  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.0 28.4

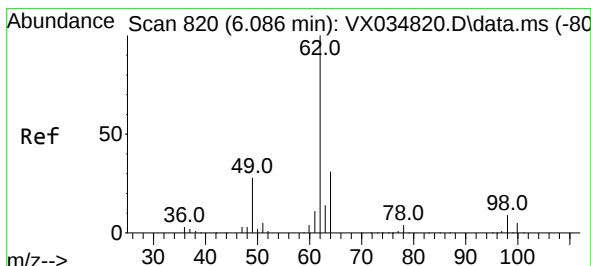
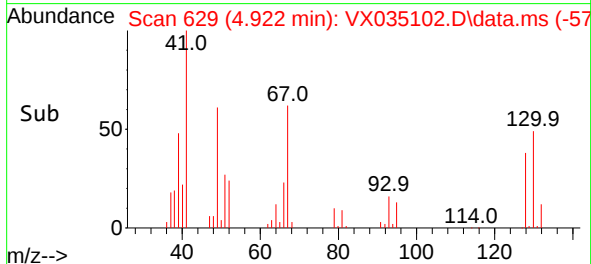
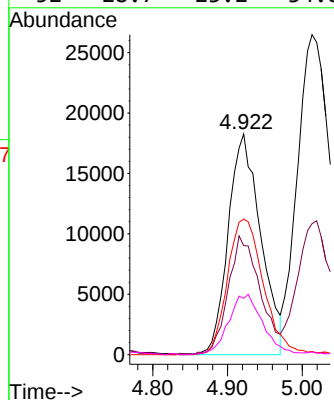
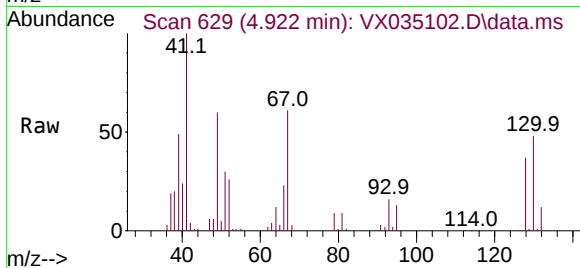




#41  
Methacrylonitrile  
Concen: 16.902 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

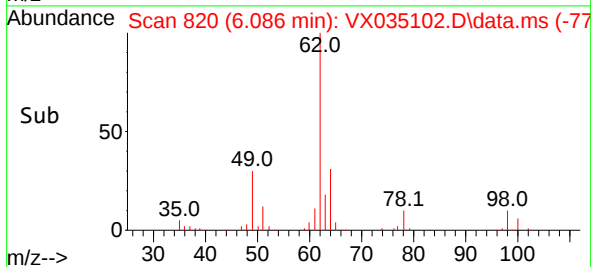
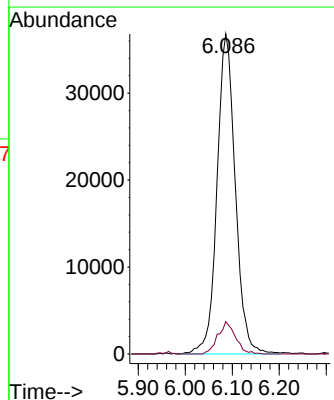
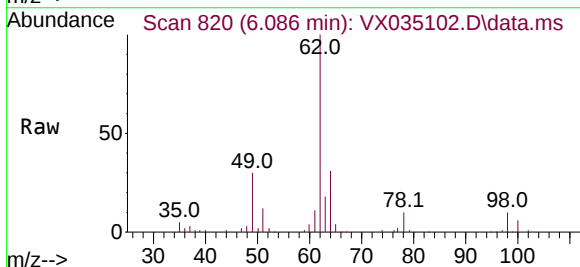
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

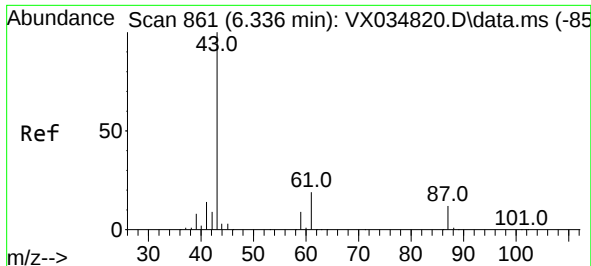
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 55203 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.9  | 45.0  | 67.6  |
| 67       | 68.6  | 55.6  | 83.4  |
| 52       | 28.7  | 23.2  | 34.8  |



#42  
1,2-Dichloroethane  
Concen: 15.203 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 99652 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.7   | 0.0   | 18.0  |





#43

Isopropyl Acetate

Concen: 15.805 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

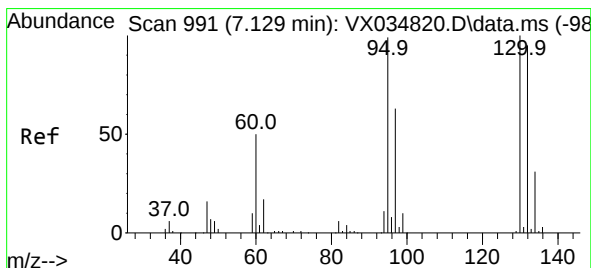
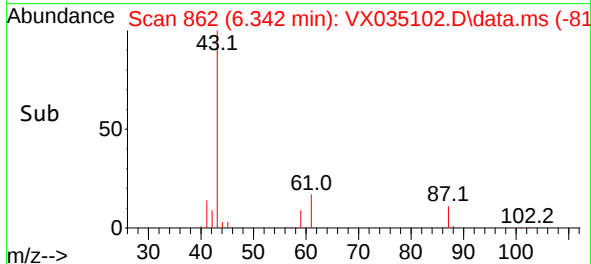
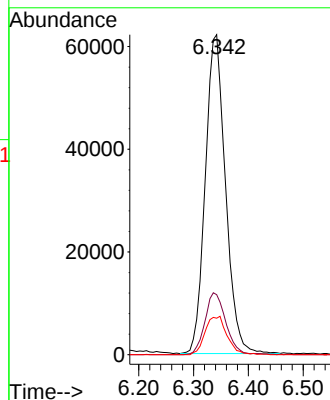
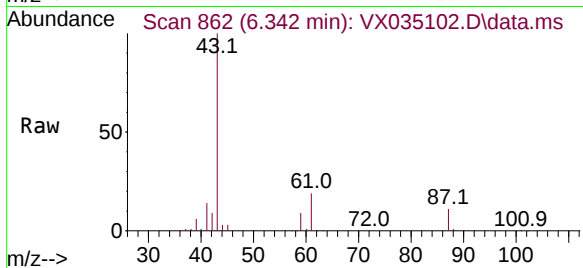
Tgt Ion: 43 Resp: 158792

Ion Ratio Lower Upper

43 100

61 20.1 15.2 22.8

87 13.0 9.8 14.8



#44

Trichloroethene

Concen: 17.355 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX035102.D

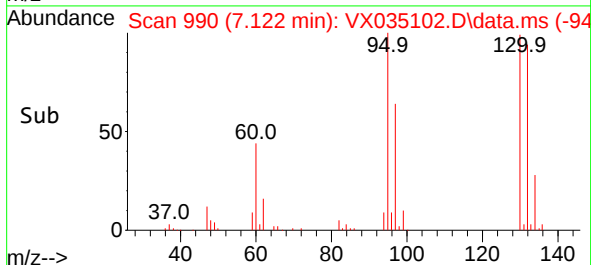
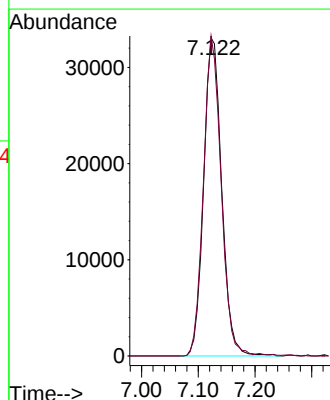
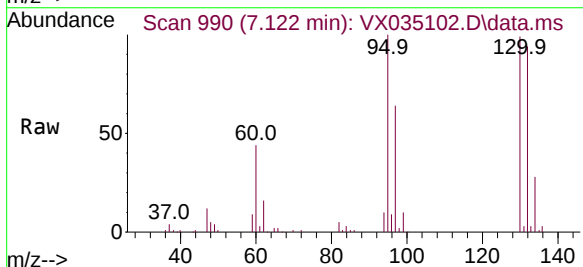
Acq: 17 Apr 2023 12:28

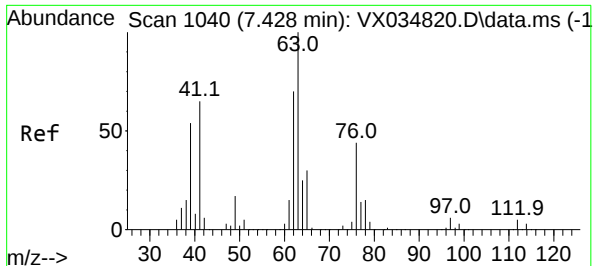
Tgt Ion:130 Resp: 73039

Ion Ratio Lower Upper

130 100

95 100.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 16.428 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

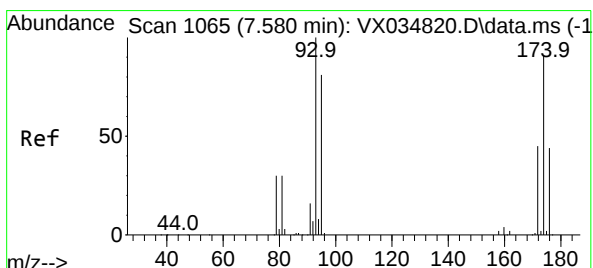
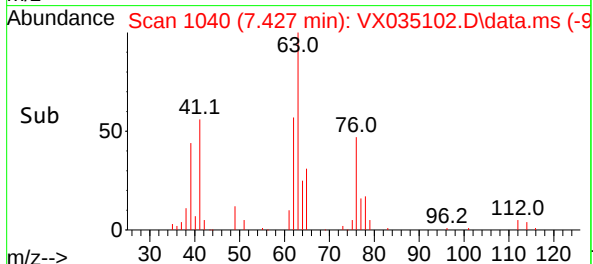
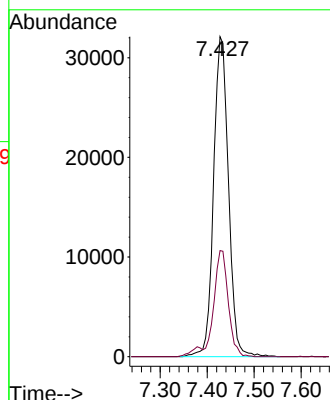
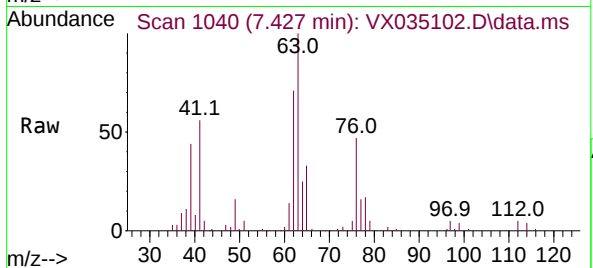
VX0417MBS01

Tgt Ion: 63 Resp: 70579

Ion Ratio Lower Upper

63 100

65 33.2 24.6 37.0



#46

Dibromomethane

Concen: 16.030 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

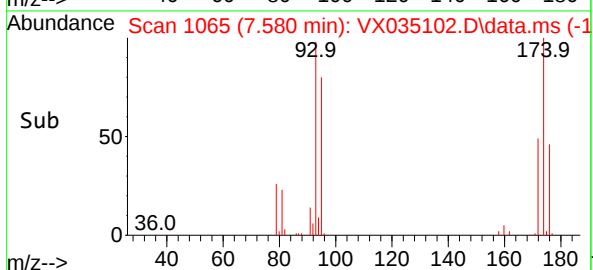
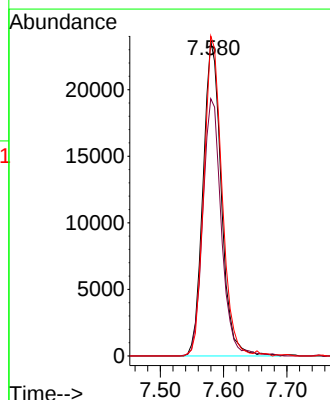
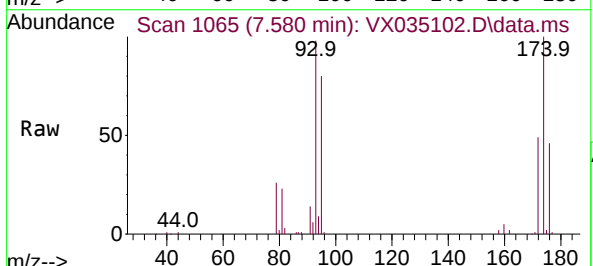
Tgt Ion: 93 Resp: 47386

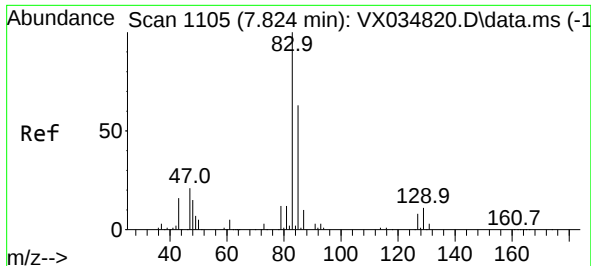
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

174 100.2 75.4 113.0

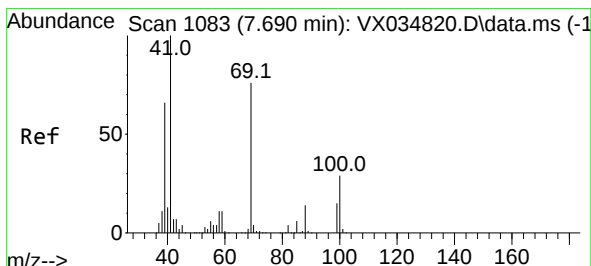
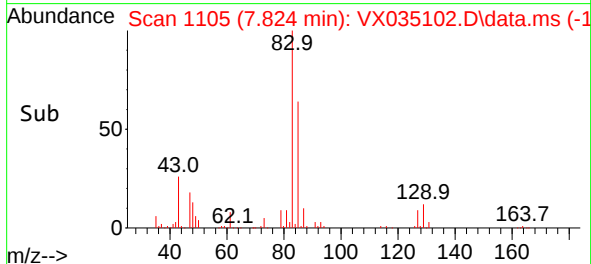
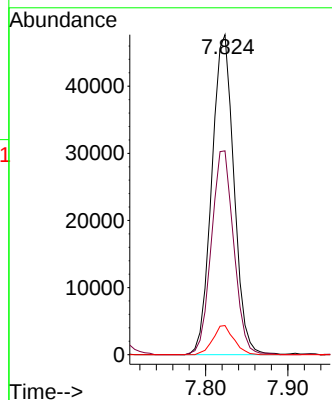
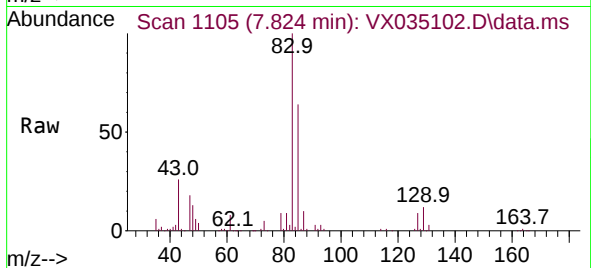




#47  
Bromodichloromethane  
Concen: 16.303 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

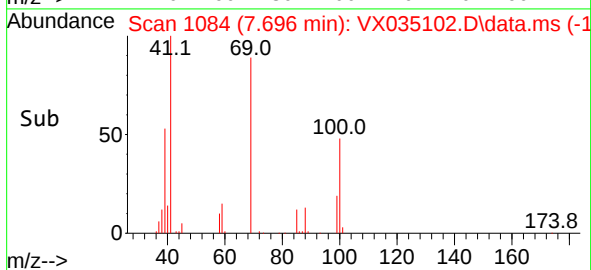
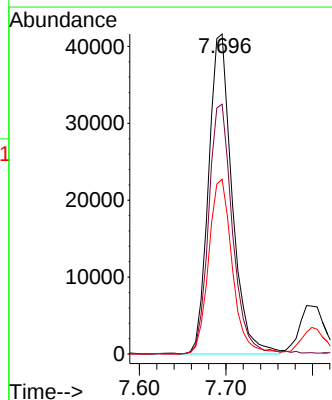
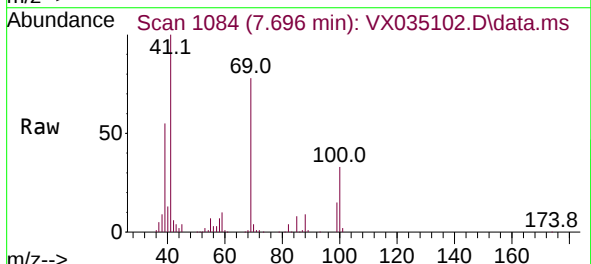
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

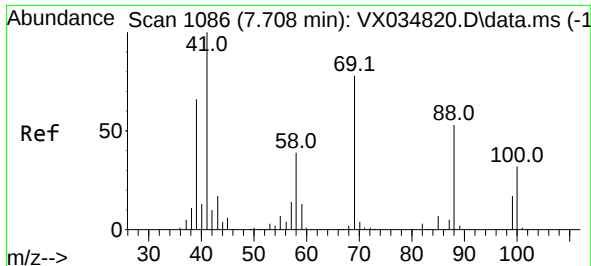
Tgt Ion: 83 Resp: 89016  
Ion Ratio Lower Upper  
83 100  
85 63.7 52.2 78.4  
127 9.1 6.6 9.8



#48  
Methyl methacrylate  
Concen: 15.923 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 41 Resp: 78568  
Ion Ratio Lower Upper  
41 100  
69 79.3 62.2 93.4  
39 54.8 47.7 71.5





#49

1,4-Dioxane

Concen: 312.654 ug/l

RT: 7.732 min Scan# 1086

Delta R.T. 0.024 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

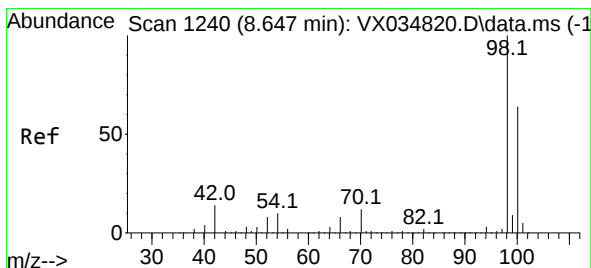
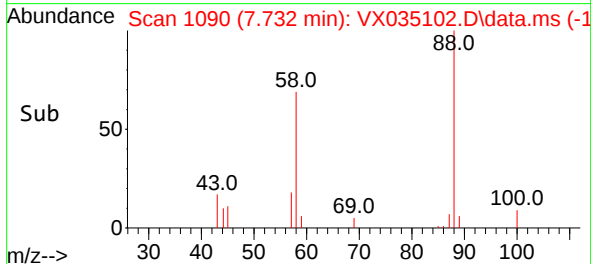
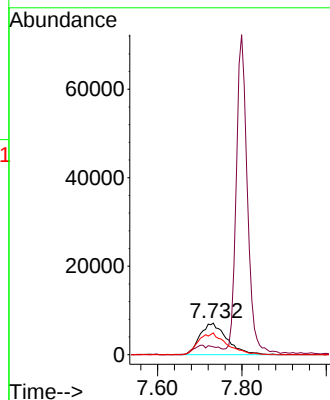
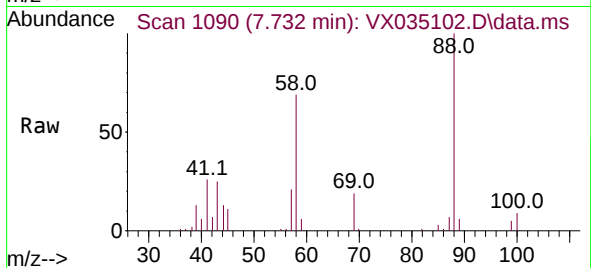
Tgt Ion: 88 Resp: 31792

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 71.6 56.8 85.2



#50

Toluene-d8

Concen: 46.225 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035102.D

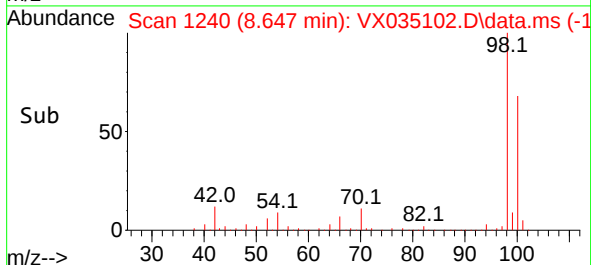
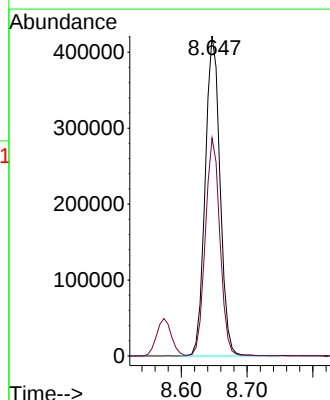
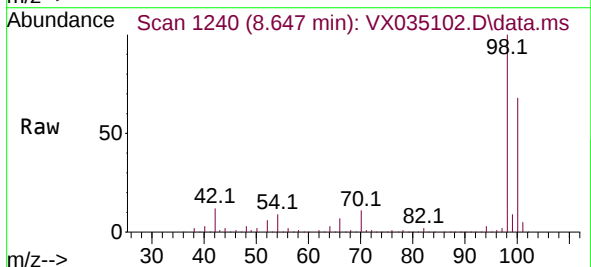
Acq: 17 Apr 2023 12:28

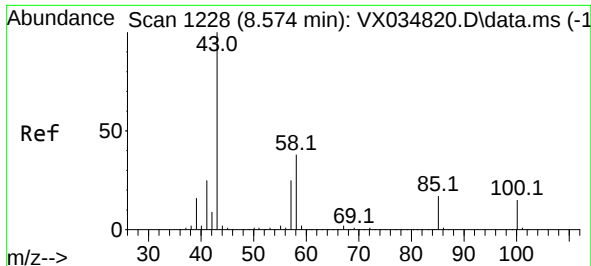
Tgt Ion: 98 Resp: 661434

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7

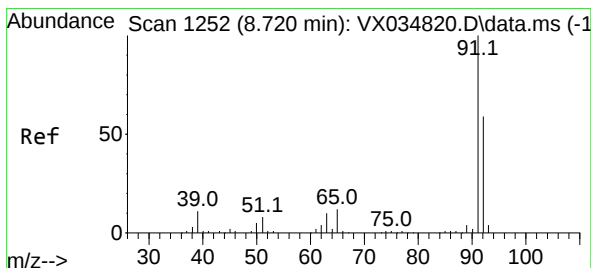
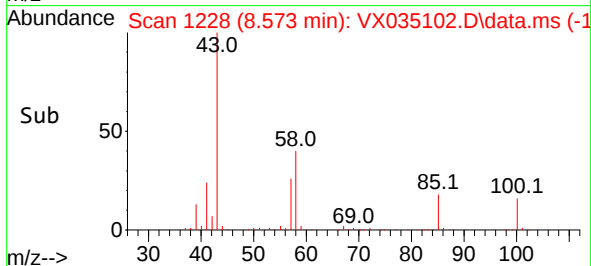
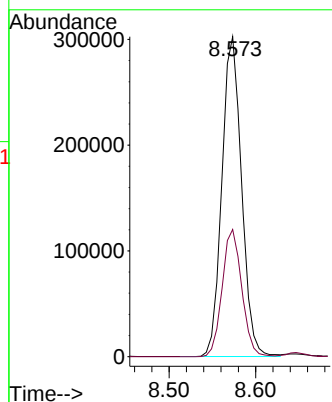
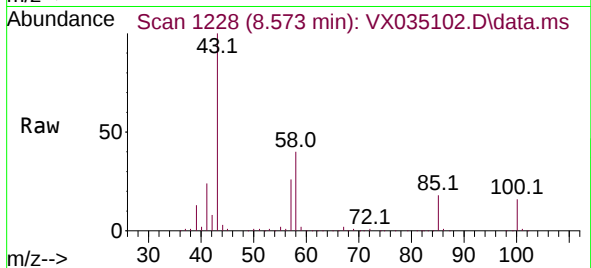




#51  
4-Methyl-2-Pentanone  
Concen: 80.232 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

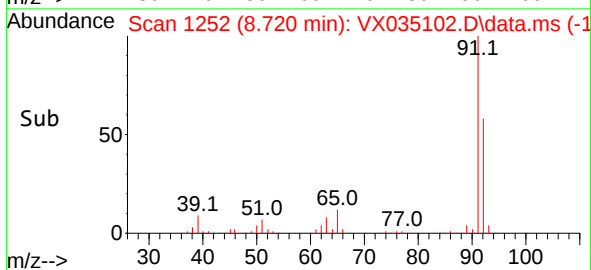
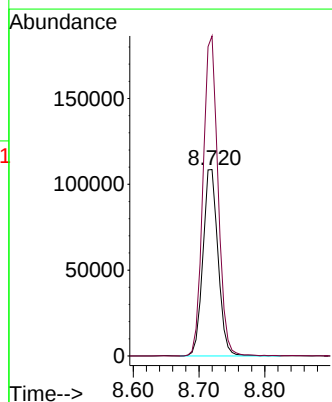
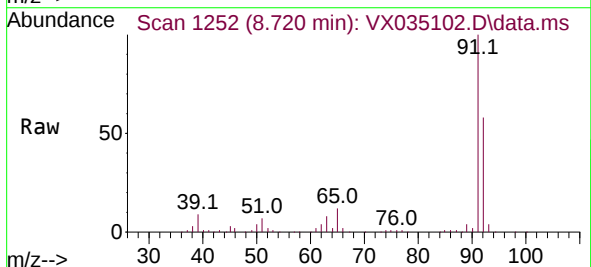
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

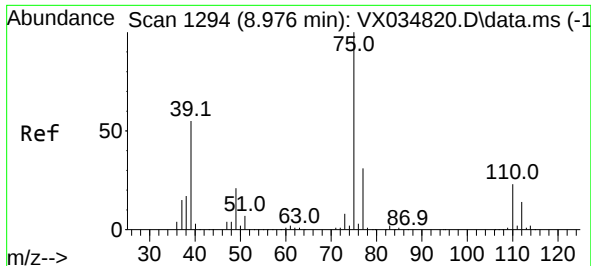
Tgt Ion: 43 Resp: 477085  
Ion Ratio Lower Upper  
43 100  
58 39.6 30.6 46.0



#52  
Toluene  
Concen: 16.164 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 92 Resp: 173765  
Ion Ratio Lower Upper  
92 100  
91 169.9 136.8 205.2

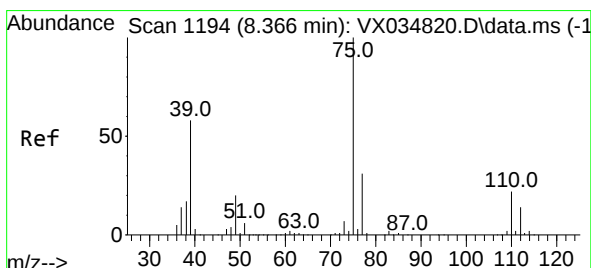
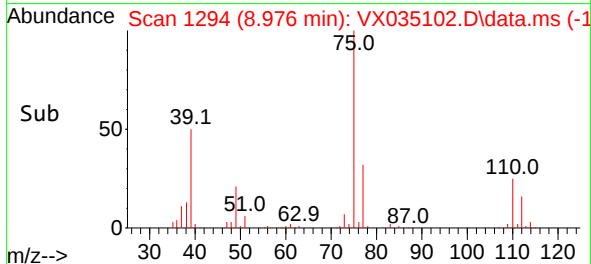
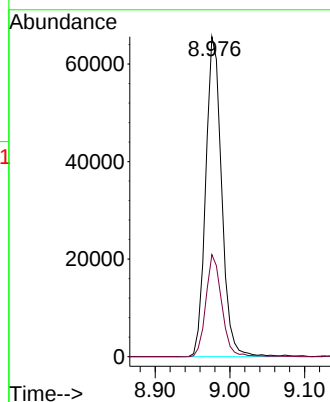
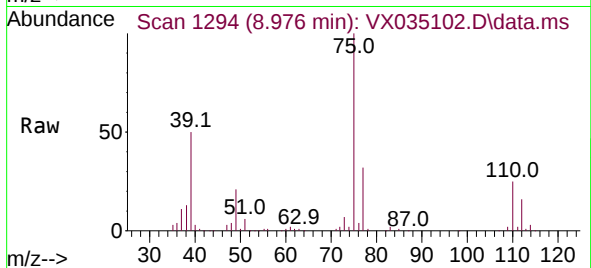




#53  
t-1,3-Dichloropropene  
Concen: 16.543 ug/l  
RT: 8.976 min Scan# 1194  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

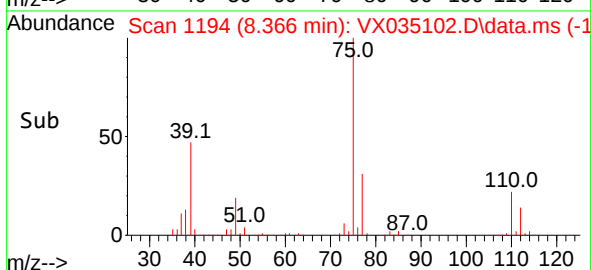
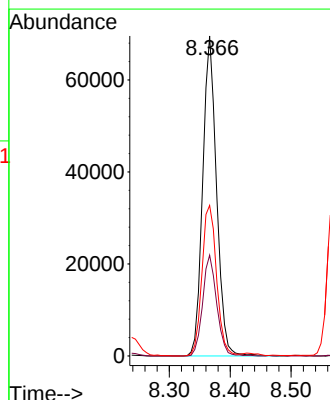
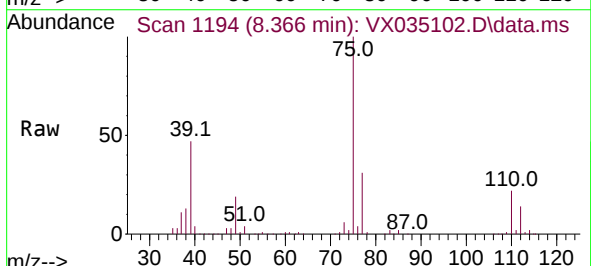
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

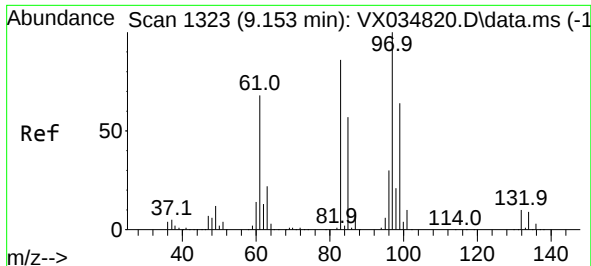
Tgt Ion: 75 Resp: 97173  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 17.077 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 75 Resp: 109776  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.0 37.4  
39 47.1 44.6 66.8



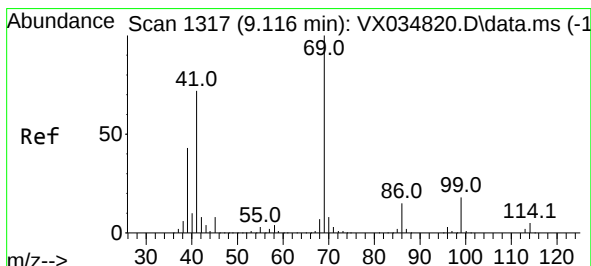
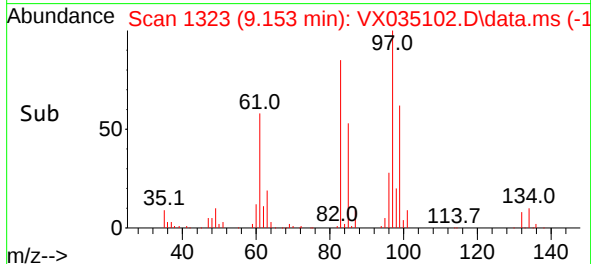
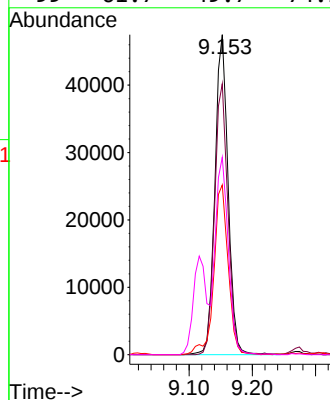
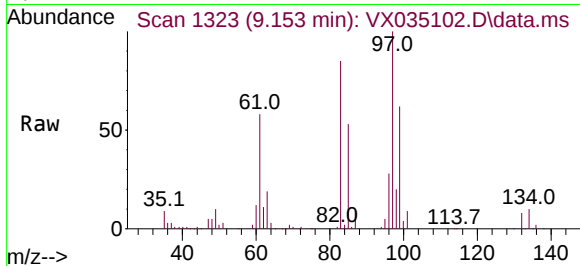


#55  
1,1,2-Trichloroethane  
Concen: 16.888 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

Tgt Ion: 97 Resp: 68710

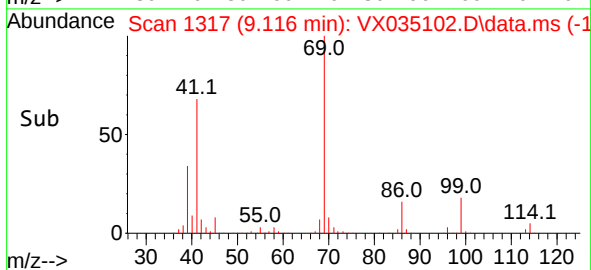
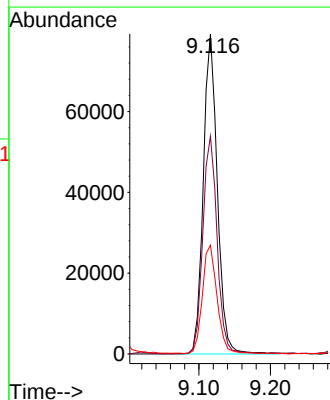
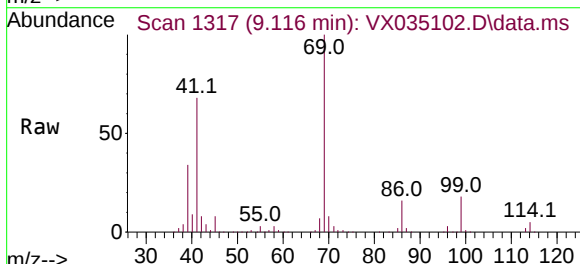
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.7  | 69.7  | 104.5 |
| 85  | 53.0  | 43.7  | 65.5  |
| 99  | 61.7  | 49.7  | 74.5  |

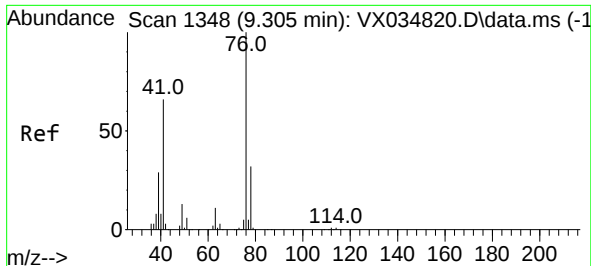


#56  
Ethyl methacrylate  
Concen: 16.962 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 69 Resp: 108126

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 69.3  | 57.4  | 86.0  |
| 39  | 35.3  | 33.7  | 50.5  |





#57

1,3-Dichloropropane

Concen: 16.572 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

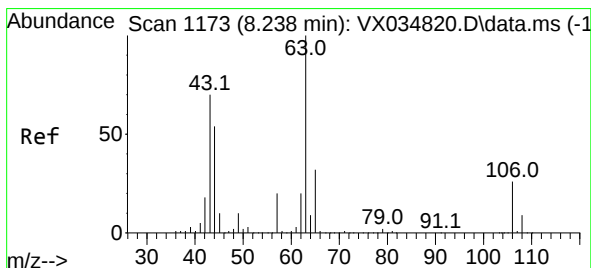
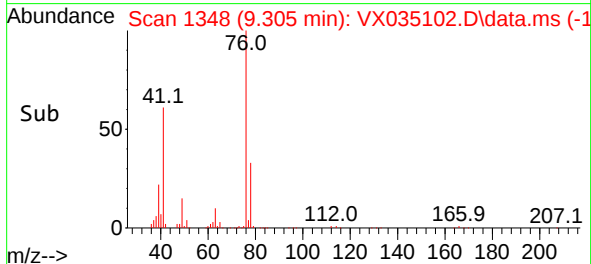
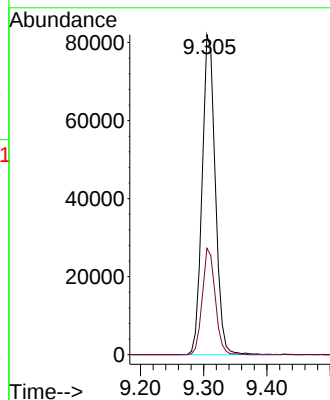
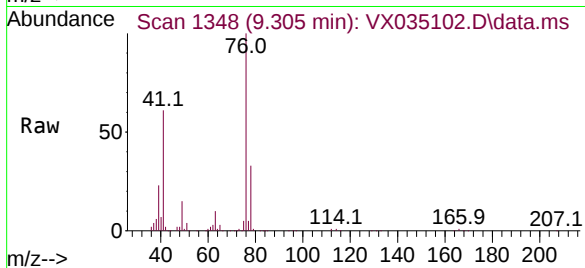
VX0417MBS01

Tgt Ion: 76 Resp: 119404

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.450 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX035102.D

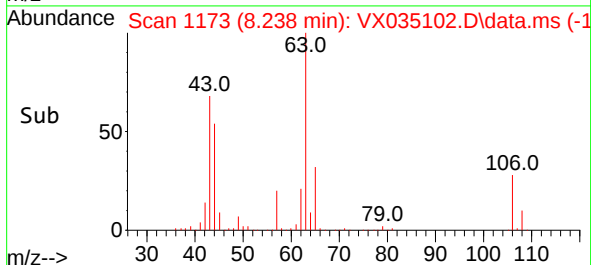
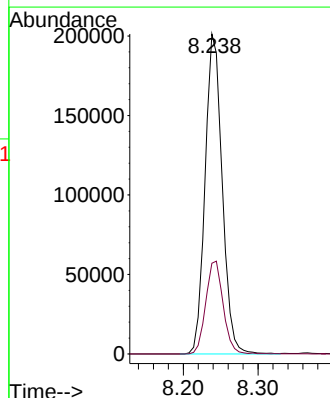
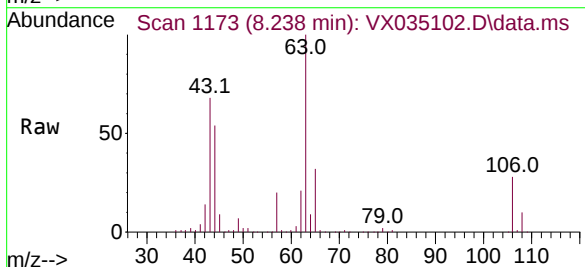
Acq: 17 Apr 2023 12:28

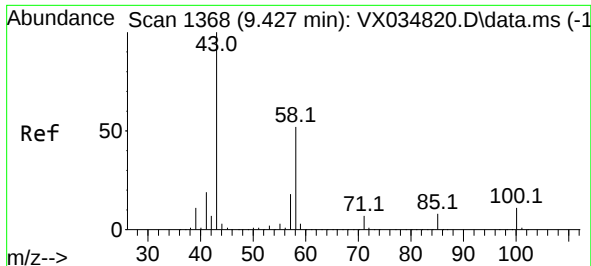
Tgt Ion: 63 Resp: 319549

Ion Ratio Lower Upper

63 100

106 29.5 22.2 33.2





#59

2-Hexanone

Concen: 80.294 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

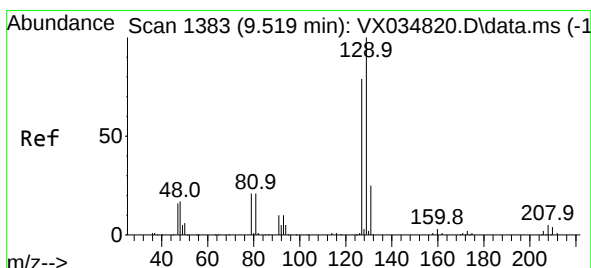
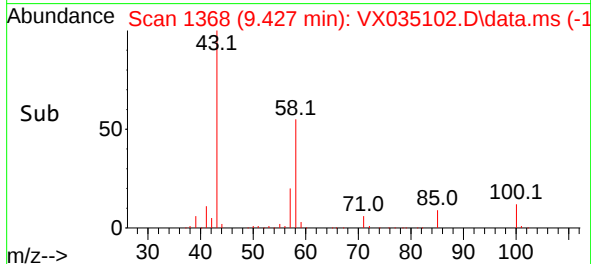
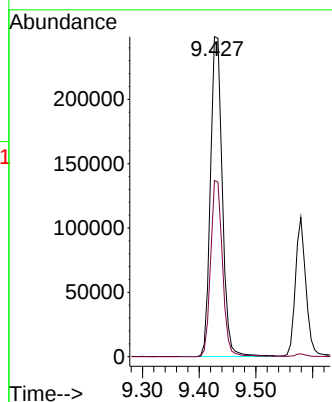
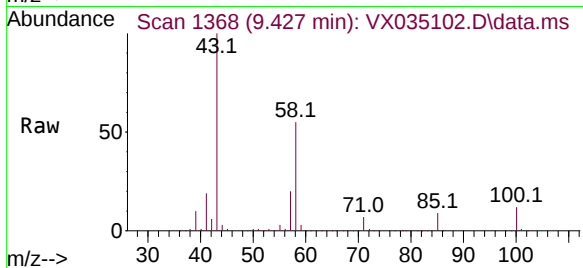
VX0417MBS01

Tgt Ion: 43 Resp: 361125

Ion Ratio Lower Upper

43 100

58 55.2 26.3 78.9



#60

Dibromochloromethane

Concen: 17.220 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035102.D

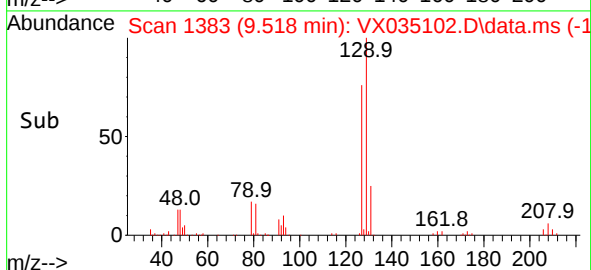
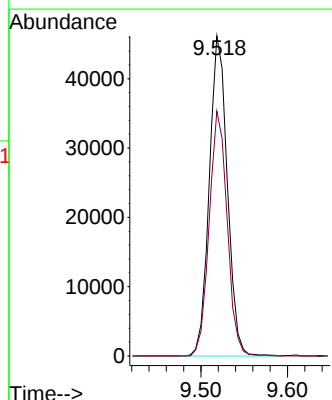
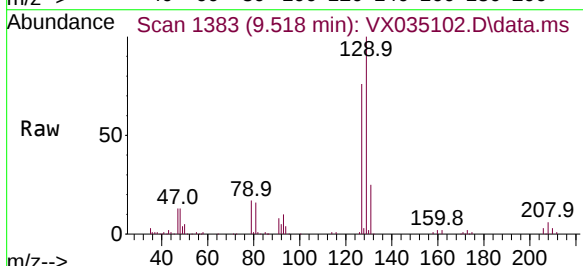
Acq: 17 Apr 2023 12:28

Tgt Ion: 129 Resp: 66738

Ion Ratio Lower Upper

129 100

127 76.2 39.0 117.0

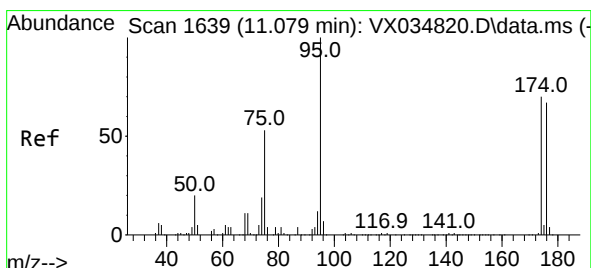
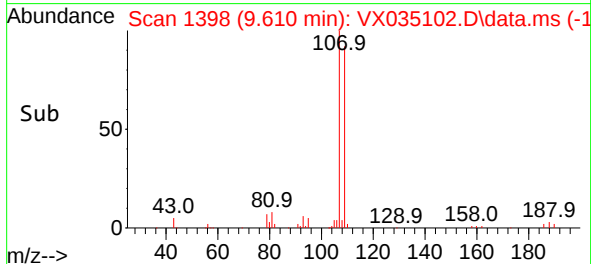
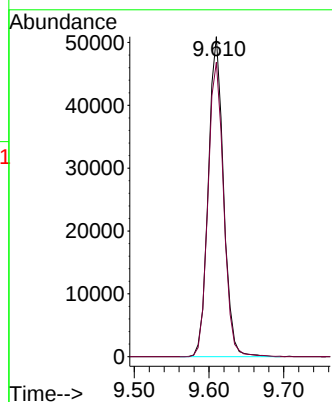
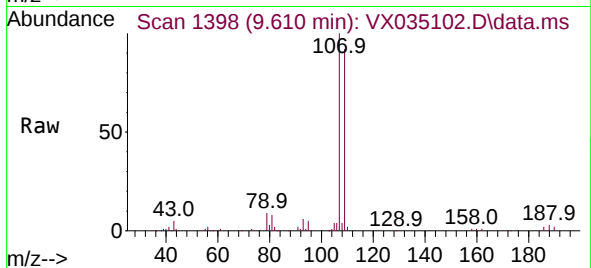




#61  
1,2-Dibromoethane  
Concen: 17.012 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

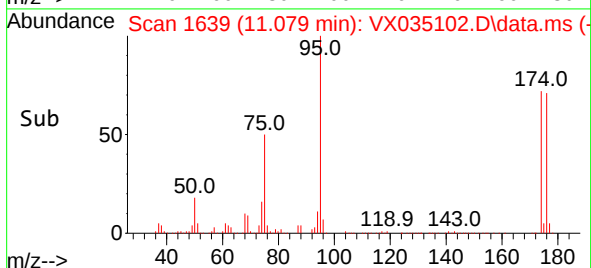
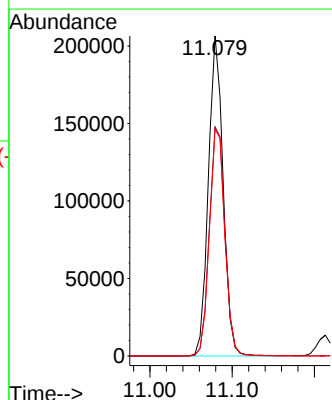
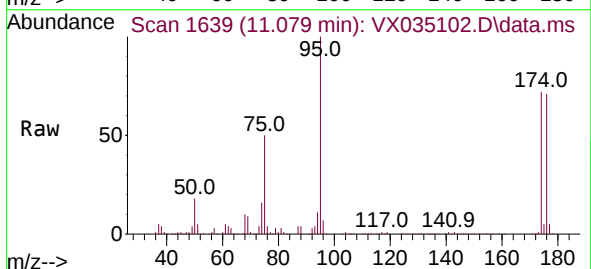
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

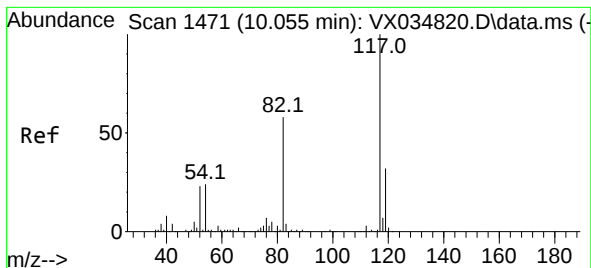
Tgt Ion:107 Resp: 71974  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 46.378 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 95 Resp: 256804  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 147.4  
176 73.9 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: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

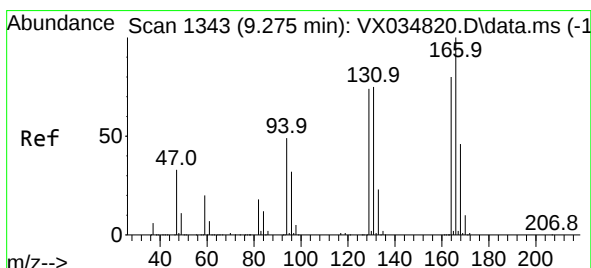
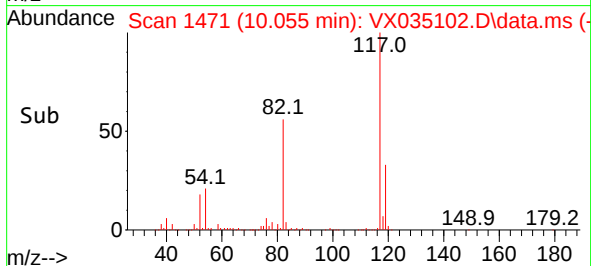
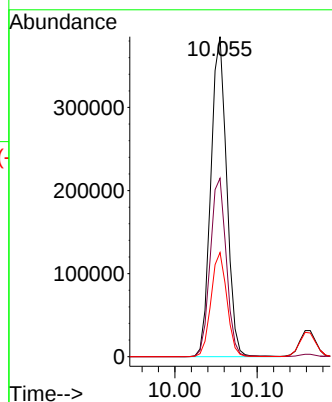
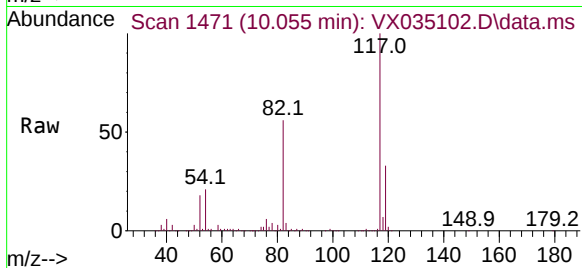
Tgt Ion:117 Resp: 516269

Ion Ratio Lower Upper

117 100

82 55.7 45.0 67.4

119 32.6 26.0 39.0



#64

Tetrachloroethene

Concen: 16.685 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Tgt Ion:164 Resp: 61644

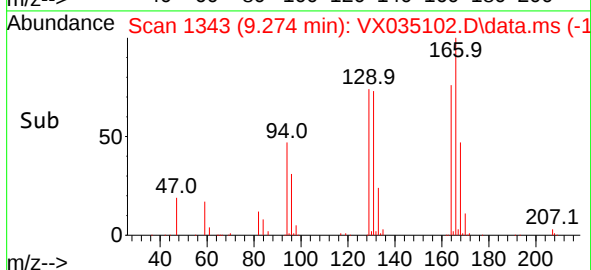
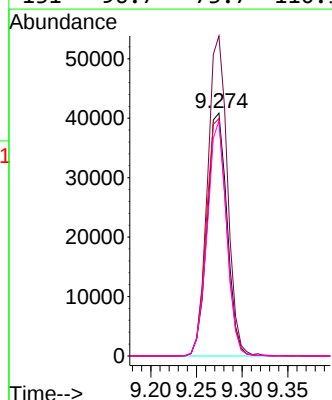
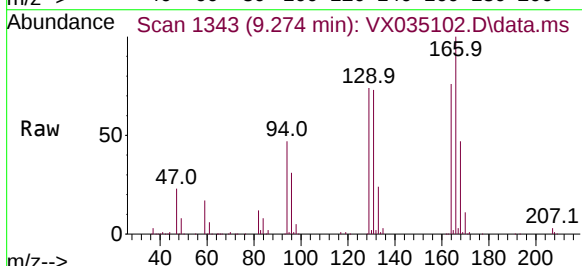
Ion Ratio Lower Upper

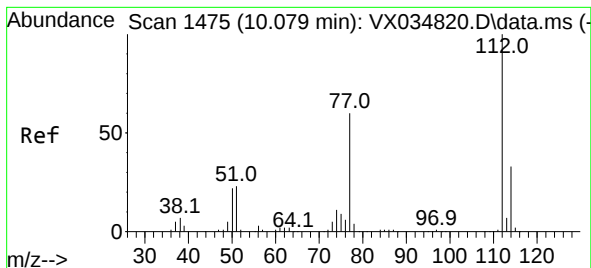
164 100

166 131.7 102.7 154.1

129 97.7 75.6 113.4

131 96.7 73.7 110.5

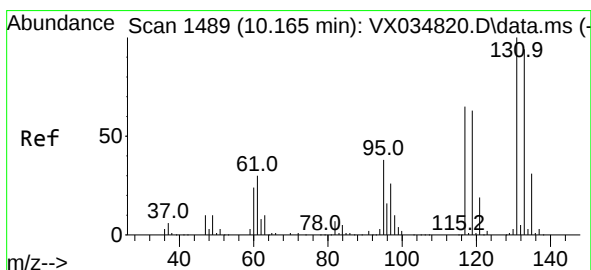
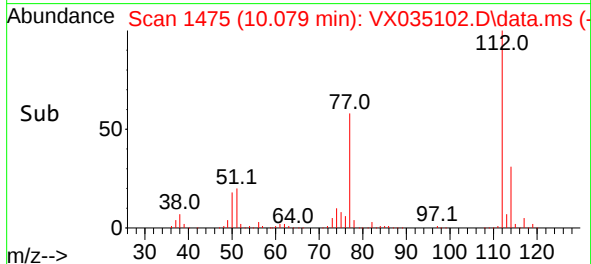
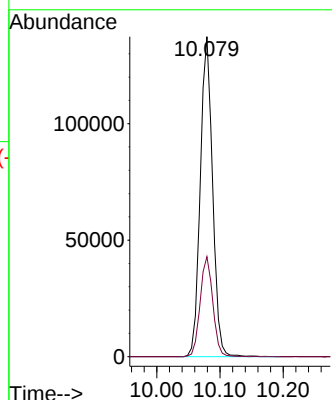
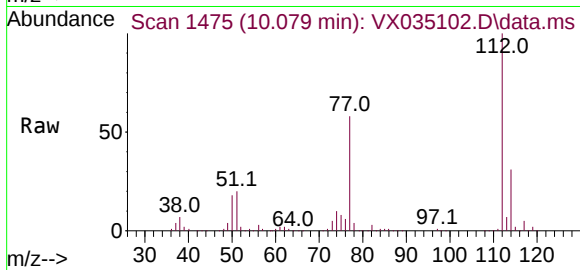




#65  
Chlorobenzene  
Concen: 17.301 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

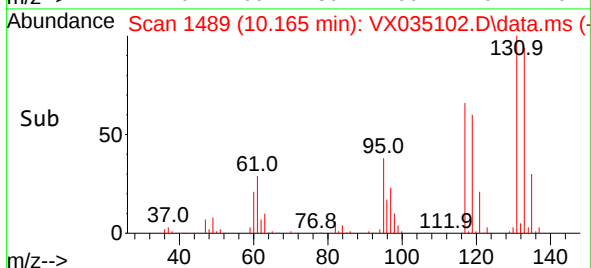
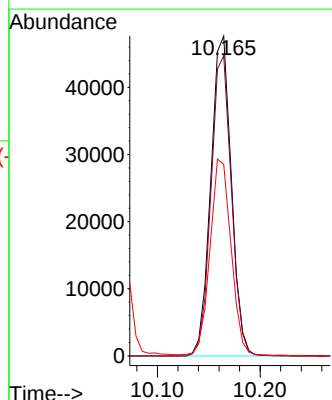
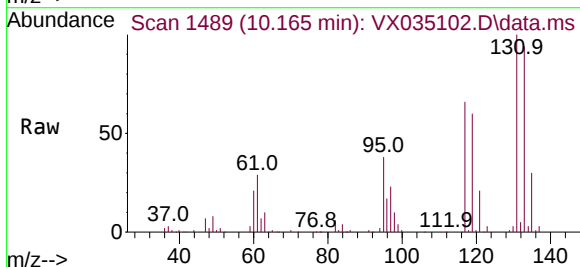
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

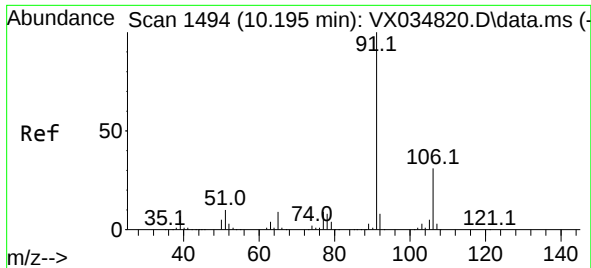
Tgt Ion:112 Resp: 185844  
Ion Ratio Lower Upper  
112 100  
114 31.3 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.906 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion:131 Resp: 66136  
Ion Ratio Lower Upper  
131 100  
133 93.2 47.1 141.4  
119 63.6 32.6 98.0

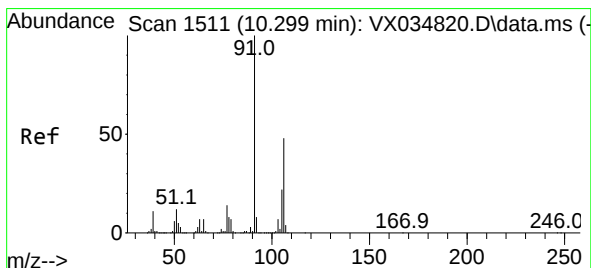
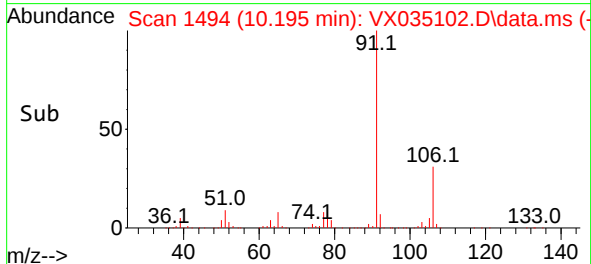
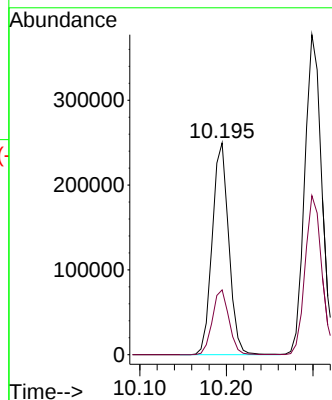
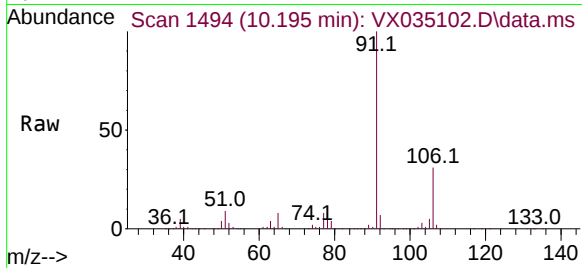




#67  
Ethyl Benzene  
Concen: 16.991 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

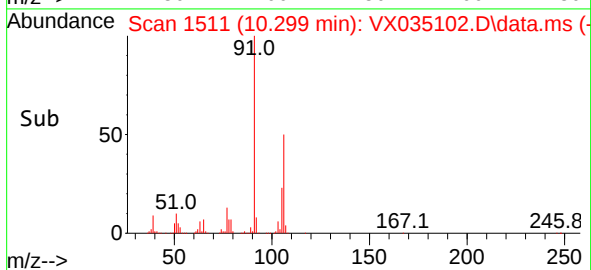
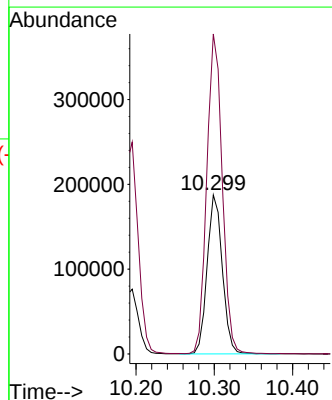
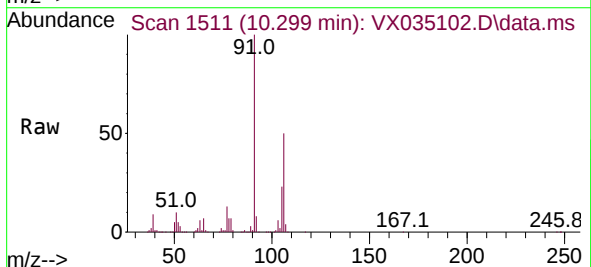
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

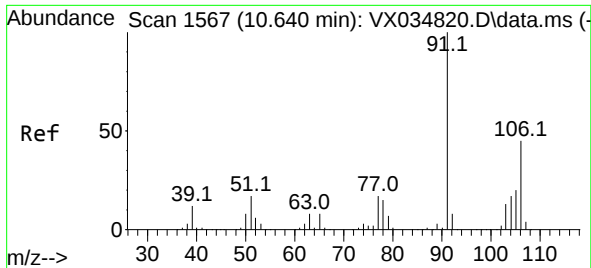
Tgt Ion: 91 Resp: 330621  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.6 38.4



#68  
m/p-Xylenes  
Concen: 33.828 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 106 Resp: 251452  
Ion Ratio Lower Upper  
106 100  
91 204.8 164.0 246.0

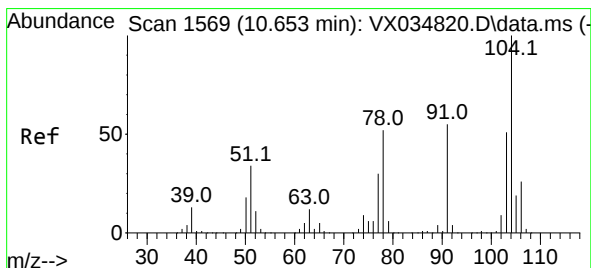
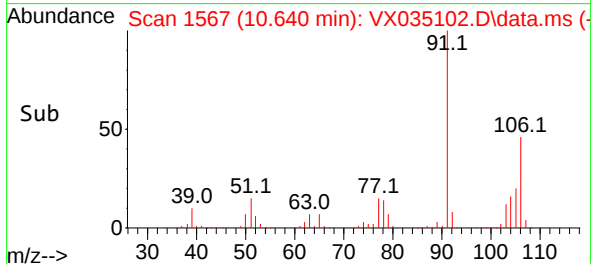
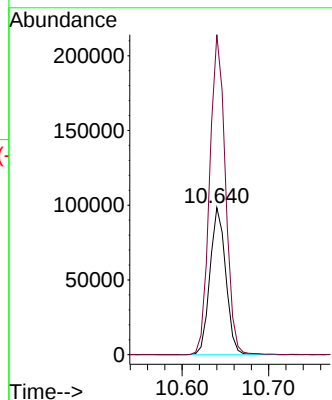
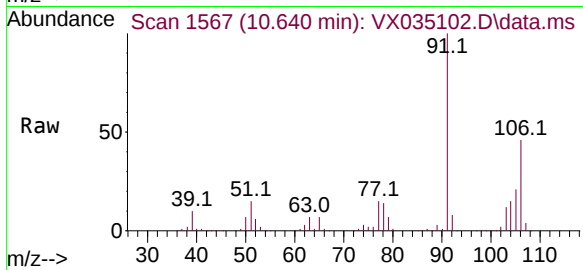




#69  
o-Xylene  
Concen: 17.105 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

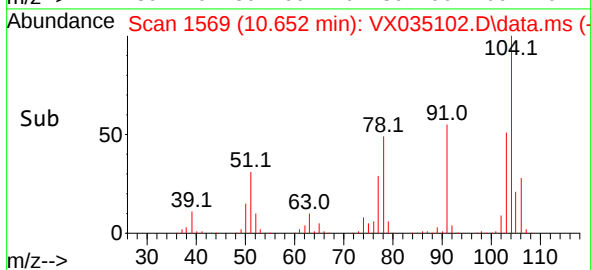
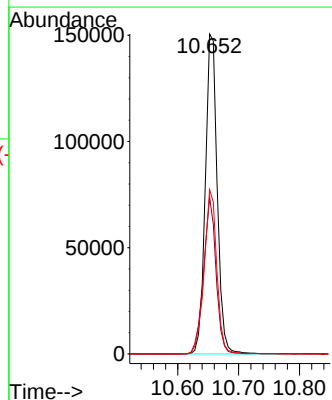
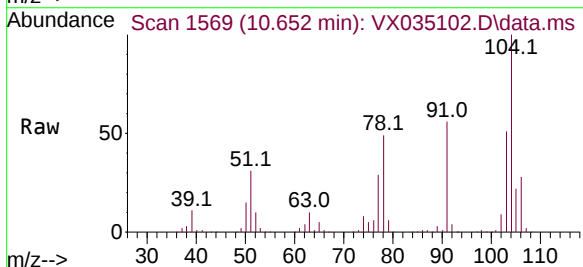
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

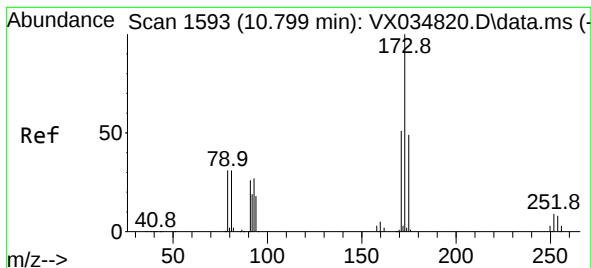
Tgt Ion:106 Resp: 124555  
Ion Ratio Lower Upper  
106 100  
91 217.5 108.5 325.3



#70  
Styrene  
Concen: 17.699 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.001 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion:104 Resp: 205738  
Ion Ratio Lower Upper  
104 100  
78 51.0 43.4 65.2  
103 54.3 44.2 66.2





#71

Bromoform

Concen: 17.940 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

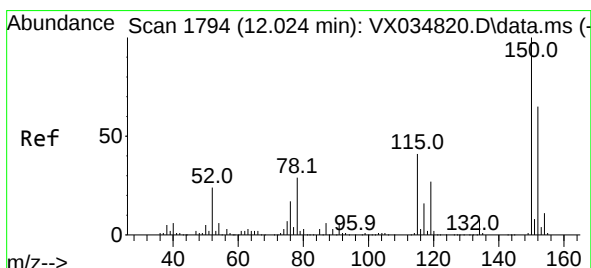
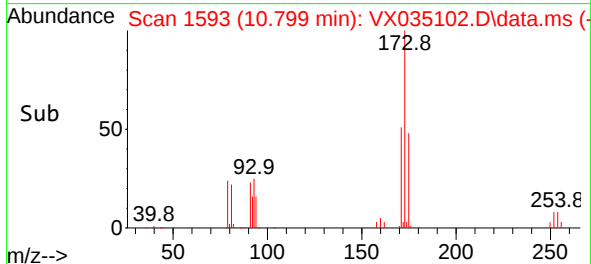
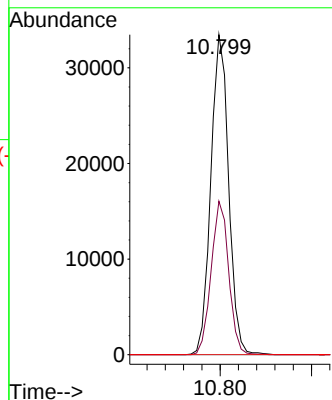
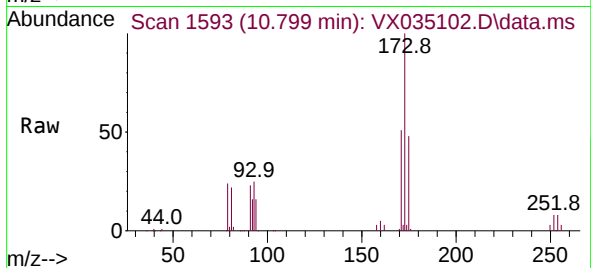
Tgt Ion:173 Resp: 45067

Ion Ratio Lower Upper

173 100

175 47.4 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: VX035102.D

Acq: 17 Apr 2023 12:28

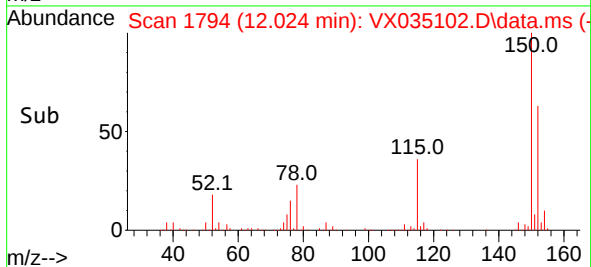
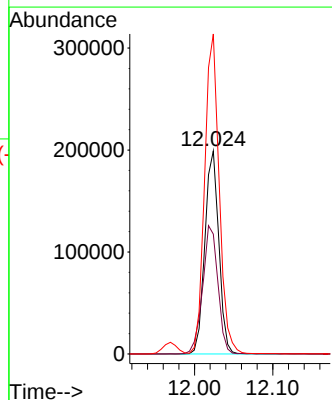
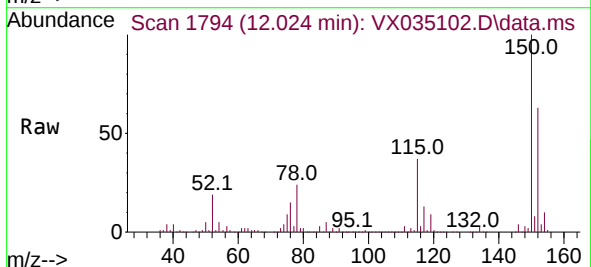
Tgt Ion:152 Resp: 246209

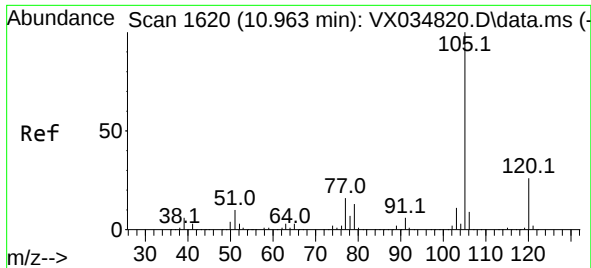
Ion Ratio Lower Upper

152 100

115 69.0 45.0 135.0

150 163.5 0.0 352.4

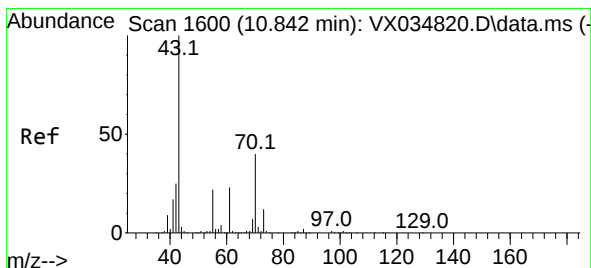
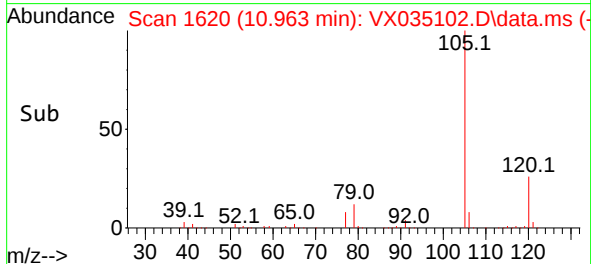
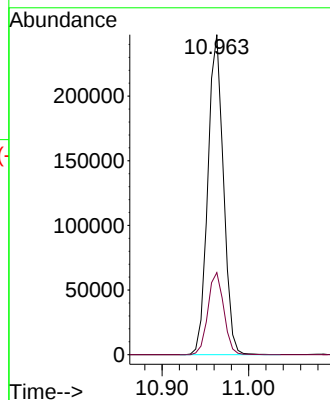
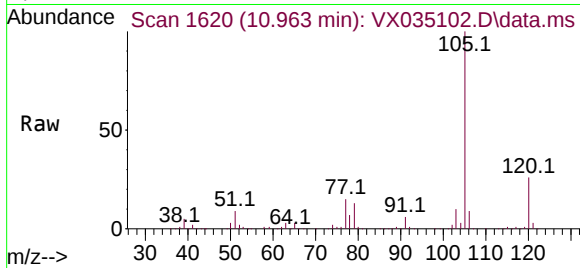




#73  
Isopropylbenzene  
Concen: 17.125 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

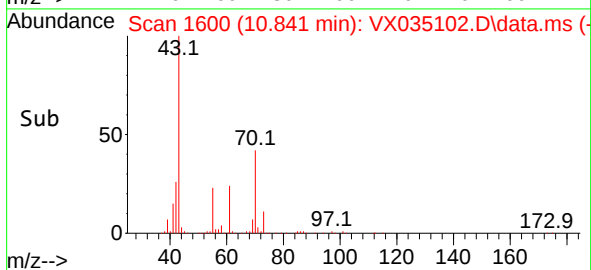
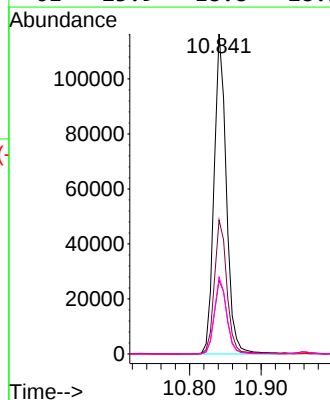
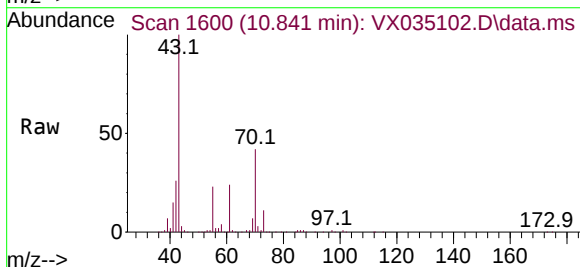
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

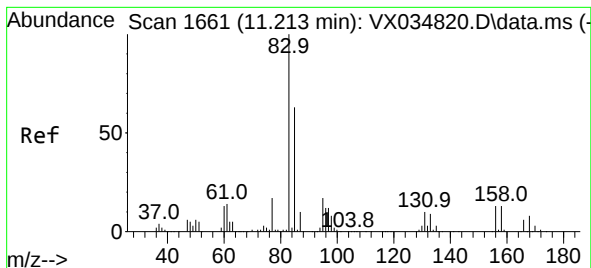
Tgt Ion:105 Resp: 308845  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.3 39.9



#74  
N-ethyl acetate  
Concen: 17.113 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.001 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 43 Resp: 138765  
Ion Ratio Lower Upper  
43 100  
70 42.6 32.1 48.1  
55 23.7 18.3 27.5  
61 23.9 18.8 28.2





#75

1,1,2-Tetrachloroethane

Concen: 16.994 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

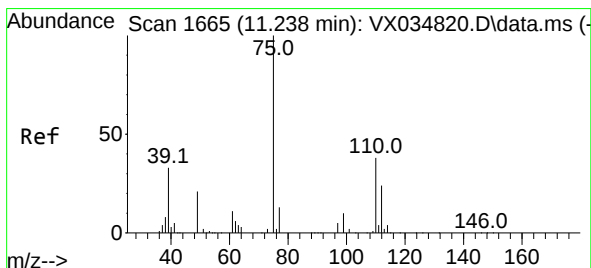
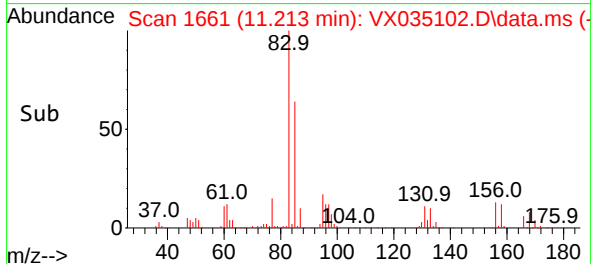
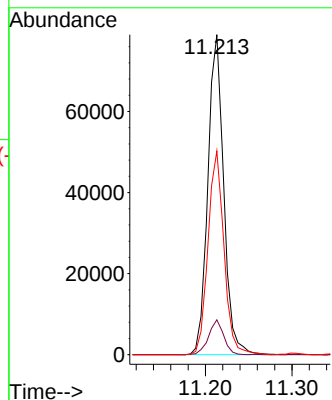
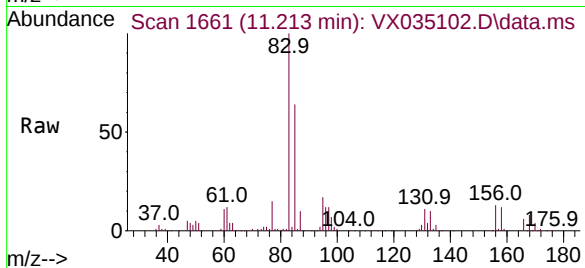
Tgt Ion: 83 Resp: 100448

Ion Ratio Lower Upper

83 100

131 10.4 4.8 14.3

85 64.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 19.058 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035102.D

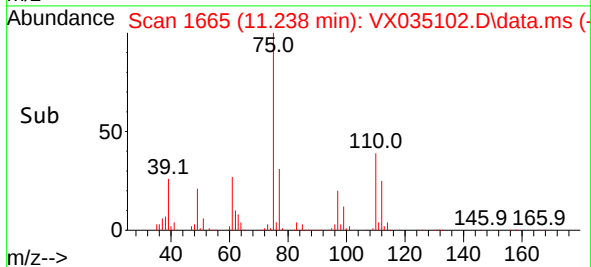
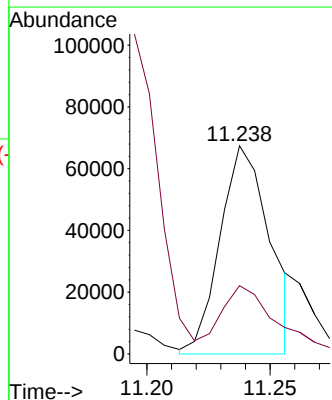
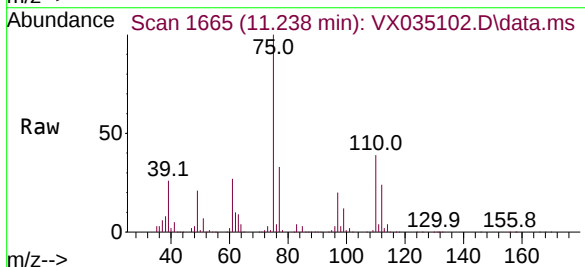
Acq: 17 Apr 2023 12:28

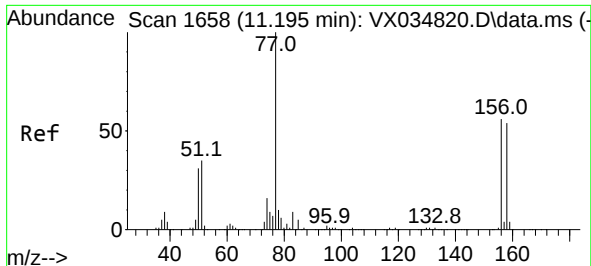
Tgt Ion: 75 Resp: 94546

Ion Ratio Lower Upper

75 100

77 37.4 21.6 64.8

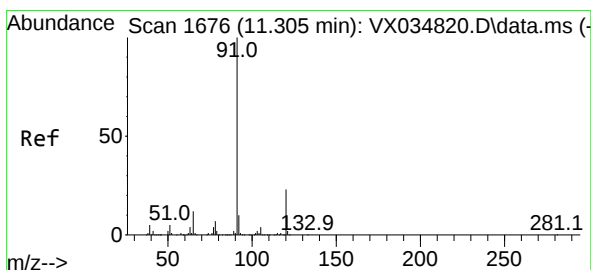
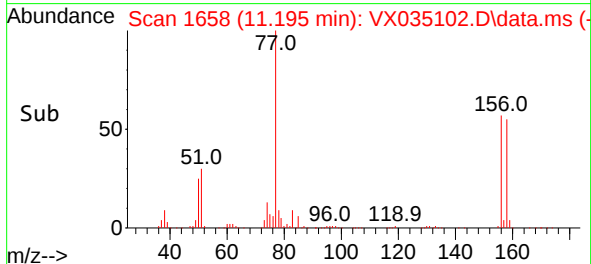
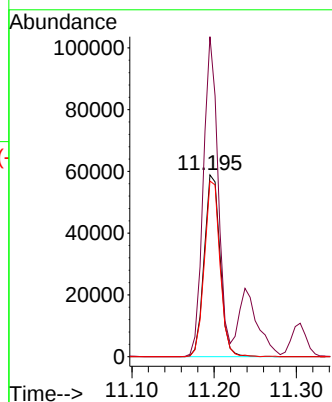
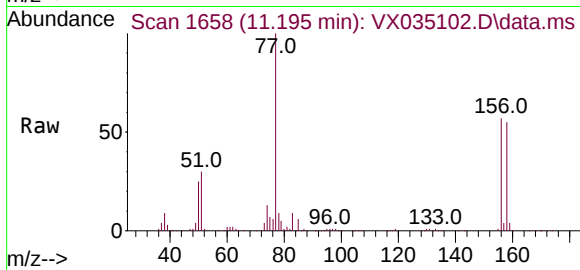




#77  
Bromobenzene  
Concen: 17.664 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

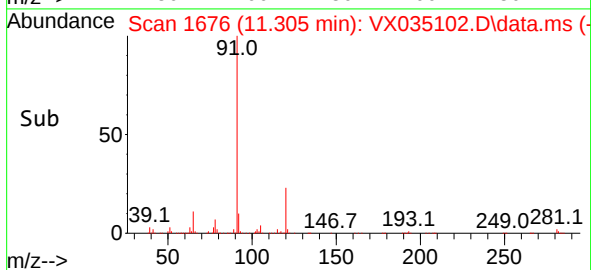
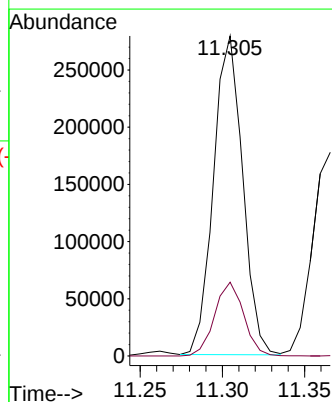
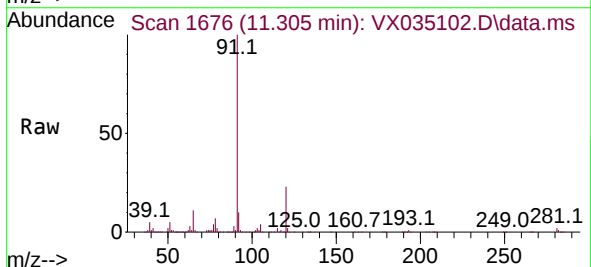
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

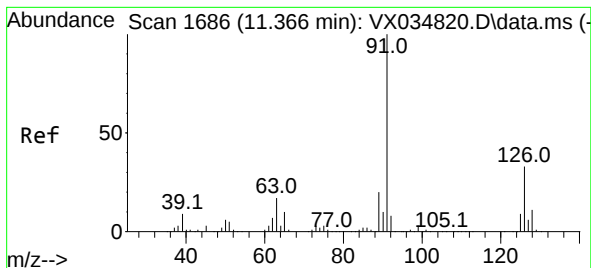
Tgt Ion:156 Resp: 78937  
Ion Ratio Lower Upper  
156 100  
77 164.0 86.7 259.9  
158 94.9 48.0 144.0



#78  
n-propylbenzene  
Concen: 16.474 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 91 Resp: 343226  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 16.829 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

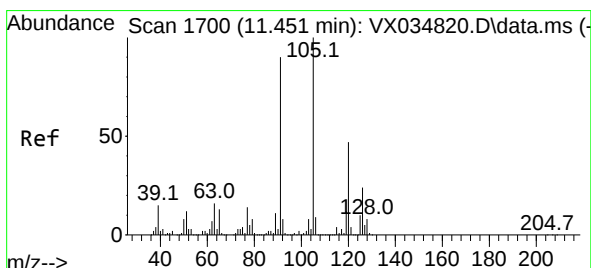
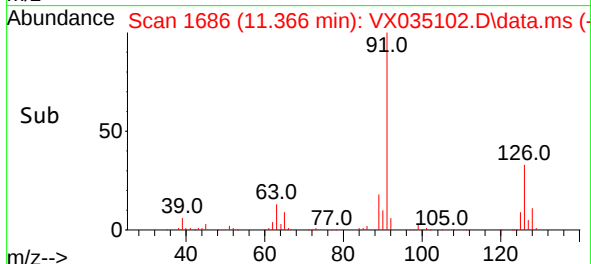
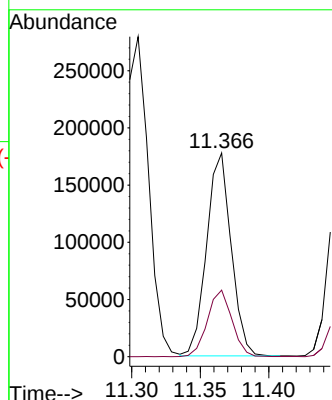
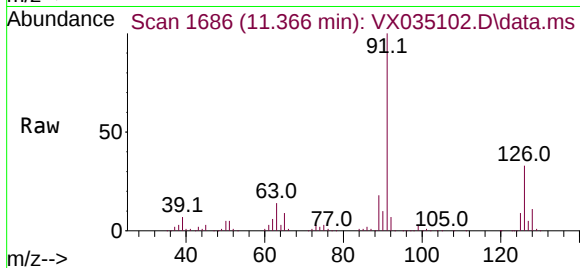
VX0417MBS01

Tgt Ion: 91 Resp: 221375

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 16.900 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX035102.D

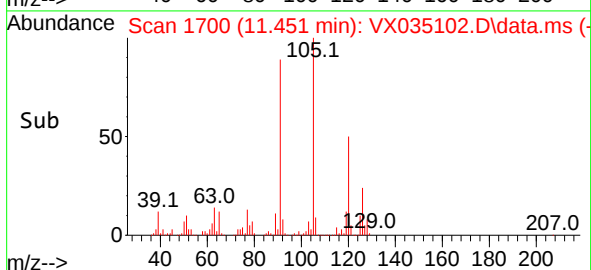
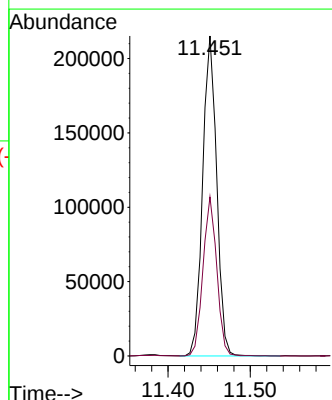
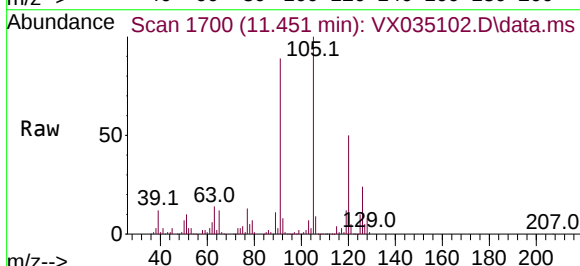
Acq: 17 Apr 2023 12:28

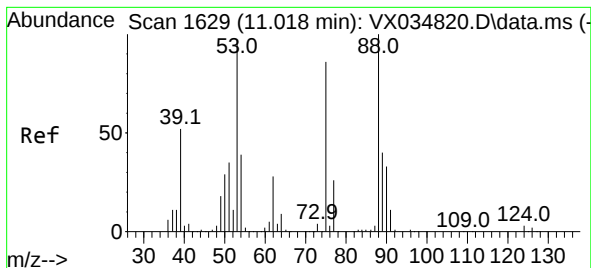
Tgt Ion: 105 Resp: 254841

Ion Ratio Lower Upper

105 100

120 48.9 23.7 71.1

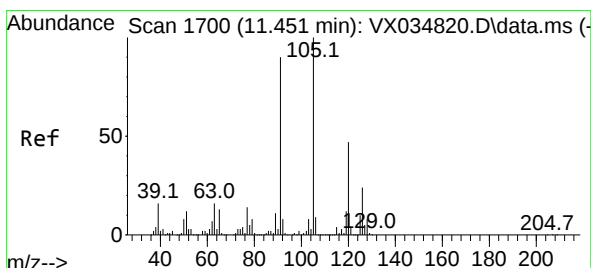
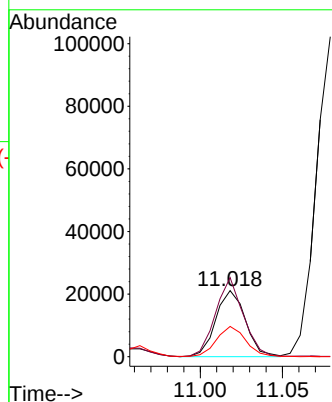
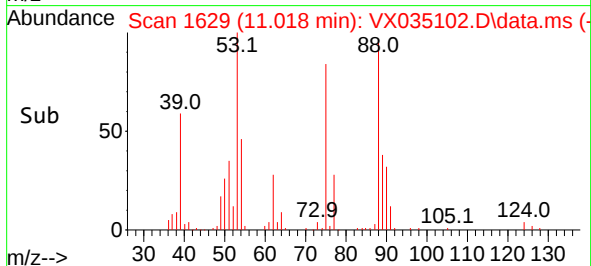
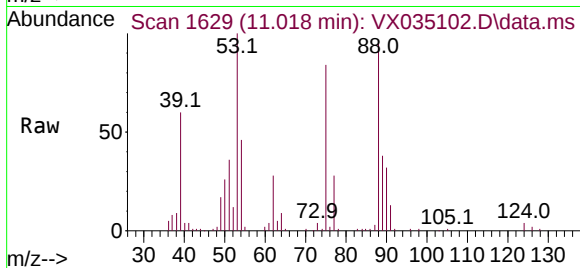




#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.981 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

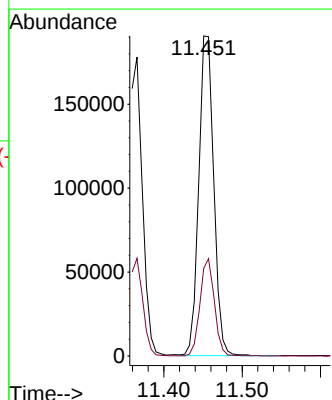
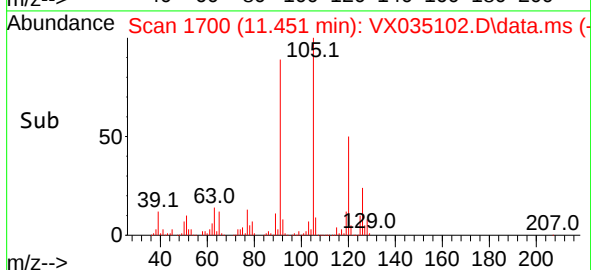
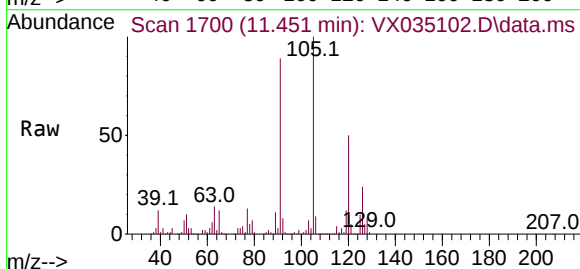
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

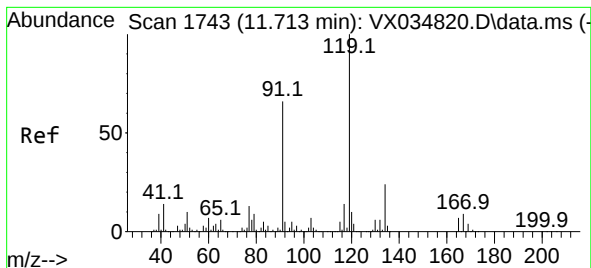
Tgt Ion: 75 Resp: 26454  
Ion Ratio Lower Upper  
75 100  
53 112.3 82.6 124.0  
89 45.5 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 16.611 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 91 Resp: 253740  
Ion Ratio Lower Upper  
91 100  
126 29.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 17.212 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

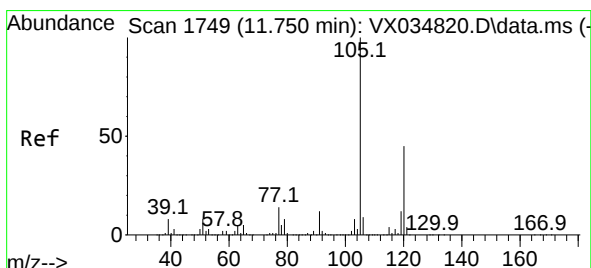
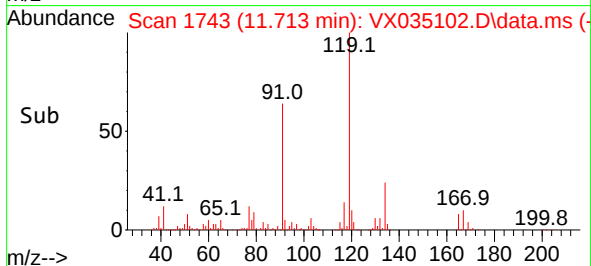
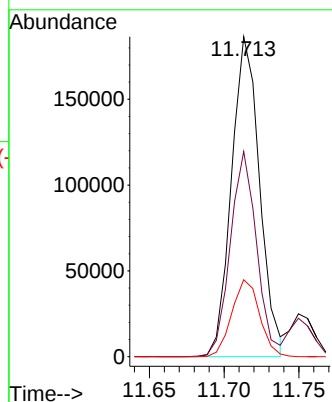
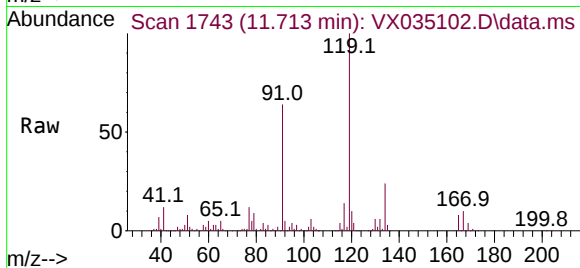
Tgt Ion:119 Resp: 243718

Ion Ratio Lower Upper

119 100

91 60.2 30.6 92.0

134 23.8 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 16.698 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035102.D

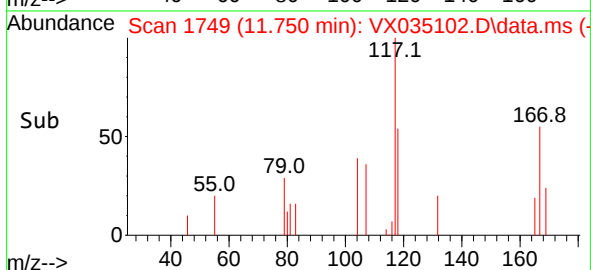
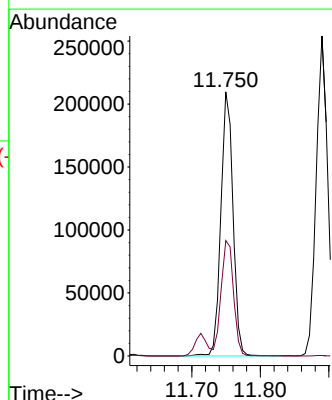
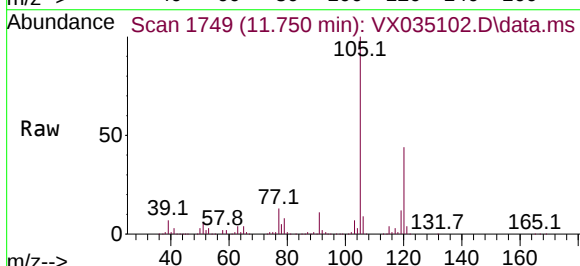
Acq: 17 Apr 2023 12:28

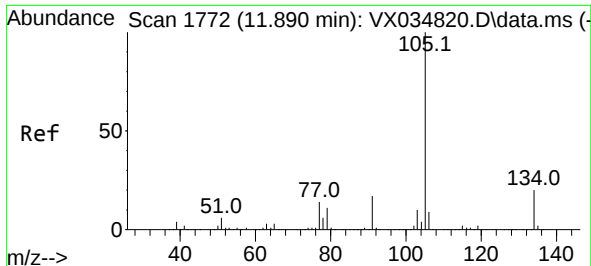
Tgt Ion:105 Resp: 256059

Ion Ratio Lower Upper

105 100

120 44.4 22.4 67.0

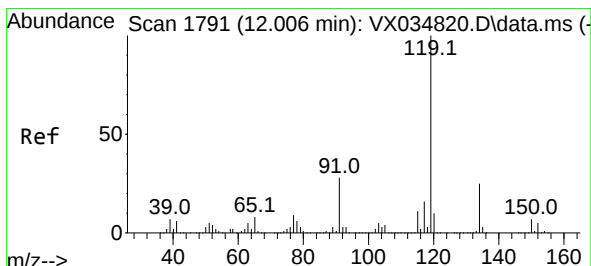
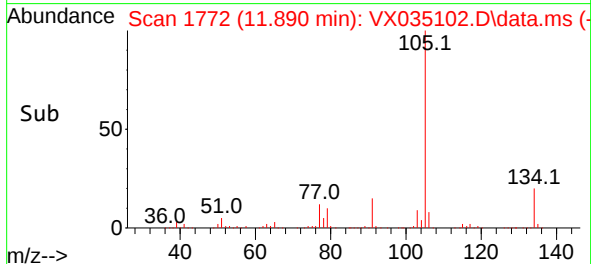
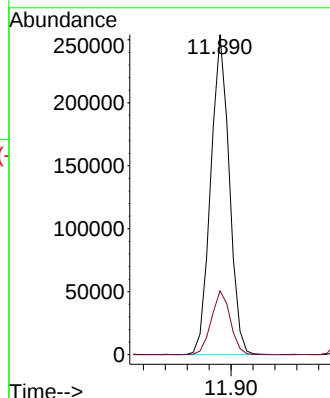
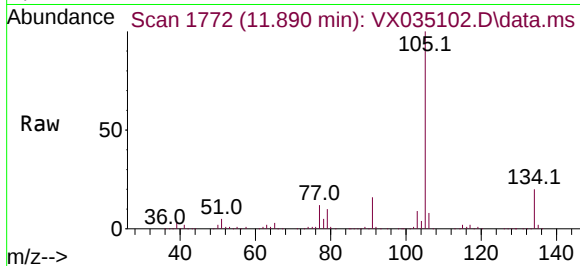




#85  
 sec-Butylbenzene  
 Concen: 17.325 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX035102.D  
 Acq: 17 Apr 2023 12:28

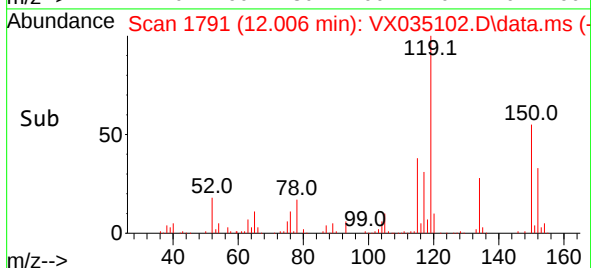
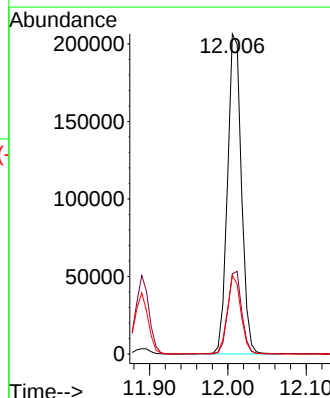
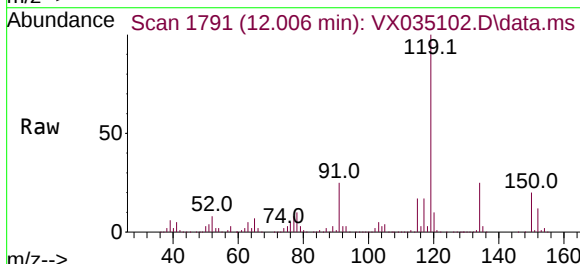
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0417MBS01

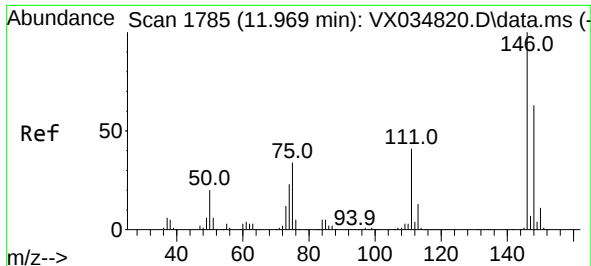
Tgt Ion:105 Resp: 298452  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 17.741 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX035102.D  
 Acq: 17 Apr 2023 12:28

Tgt Ion:119 Resp: 254840  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.2 39.5  
 91 24.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 17.336 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

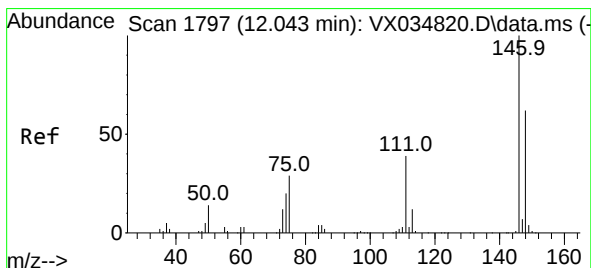
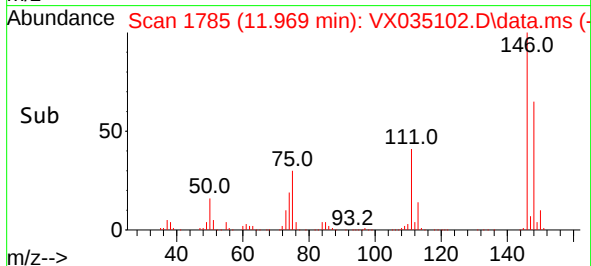
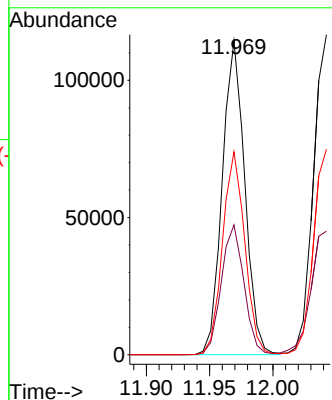
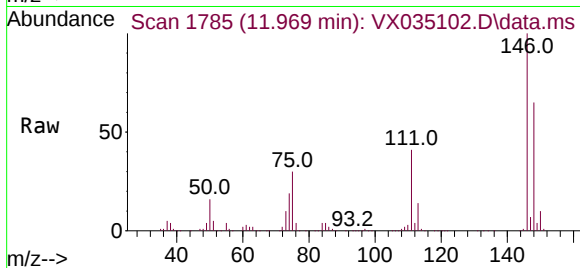
Tgt Ion:146 Resp: 141087

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.8

148 64.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 16.882 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

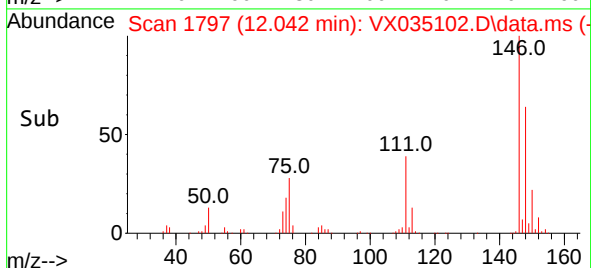
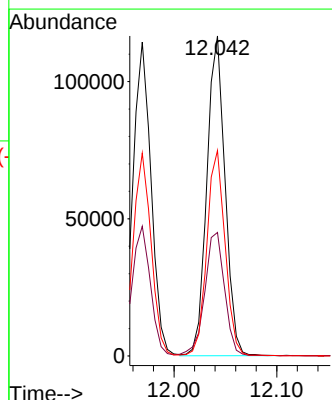
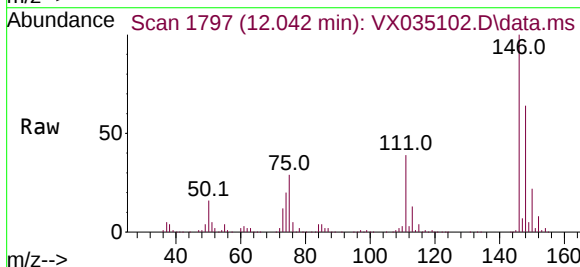
Tgt Ion:146 Resp: 143492

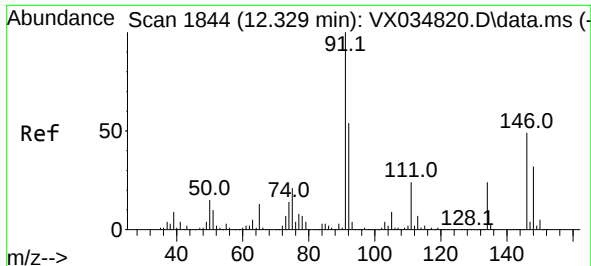
Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.9

148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 17.256 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

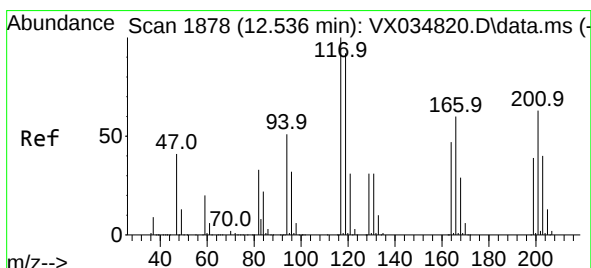
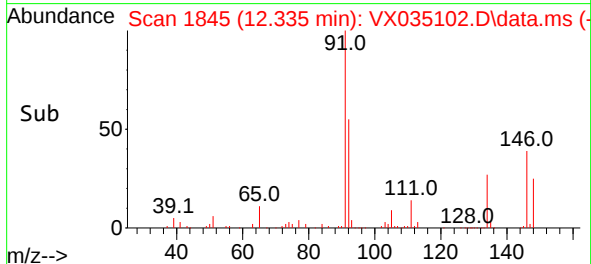
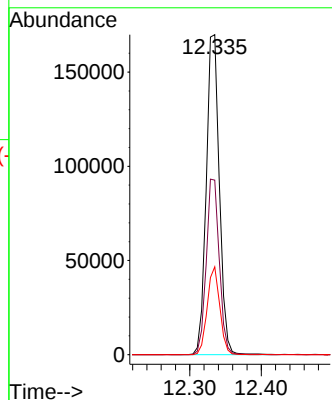
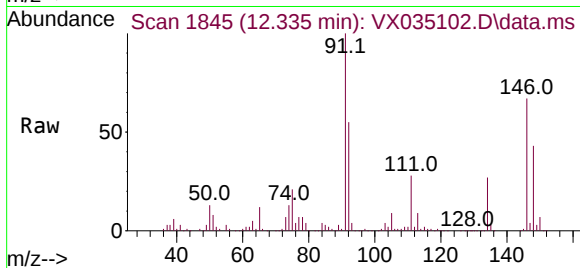
Tgt Ion: 91 Resp: 216564

Ion Ratio Lower Upper

91 100

92 54.6 27.7 83.0

134 26.3 13.0 38.9



#90

Hexachloroethane

Concen: 17.154 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035102.D

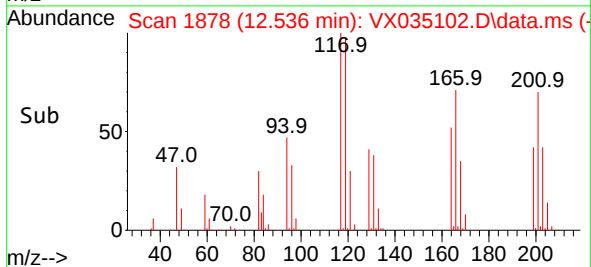
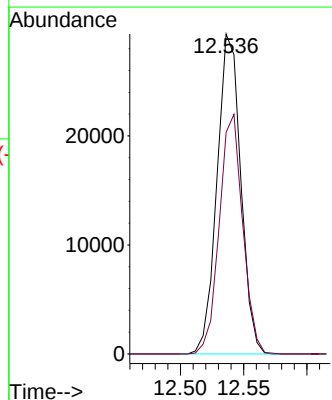
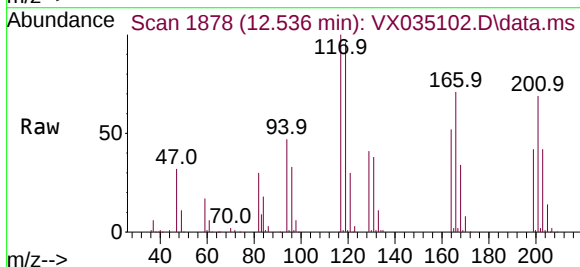
Acq: 17 Apr 2023 12:28

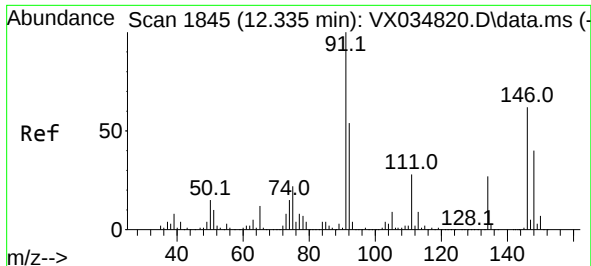
Tgt Ion: 117 Resp: 38176

Ion Ratio Lower Upper

117 100

201 74.0 34.4 103.1

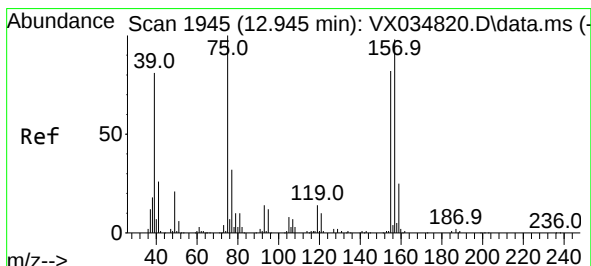
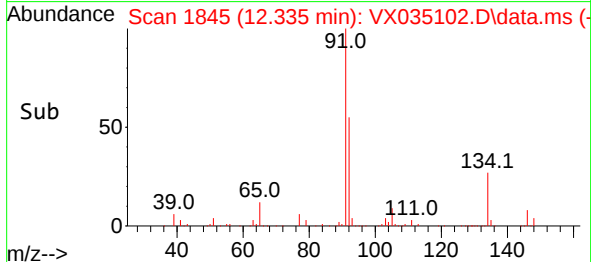
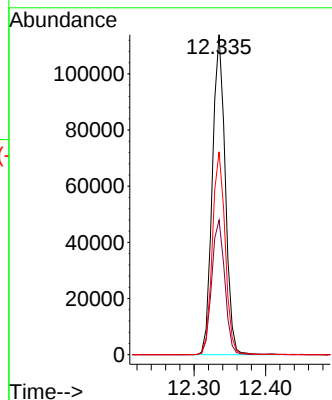
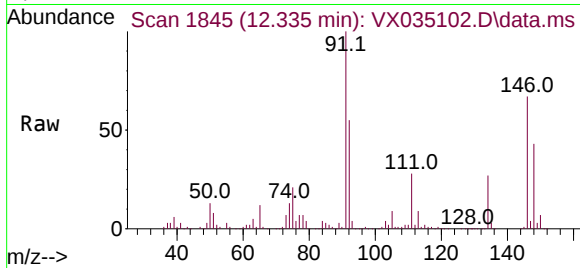




#91  
1,2-Dichlorobenzene  
Concen: 17.455 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

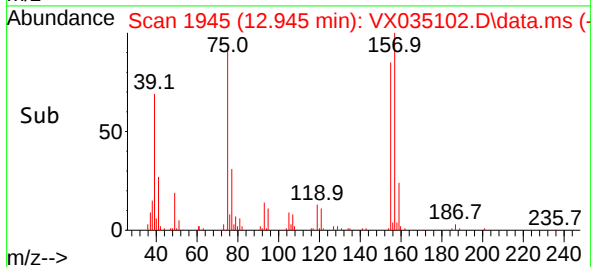
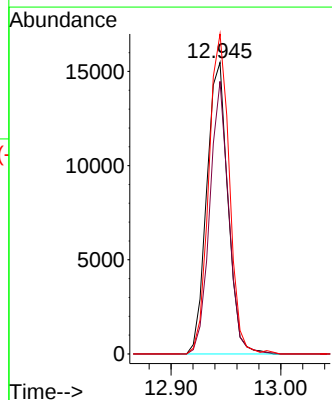
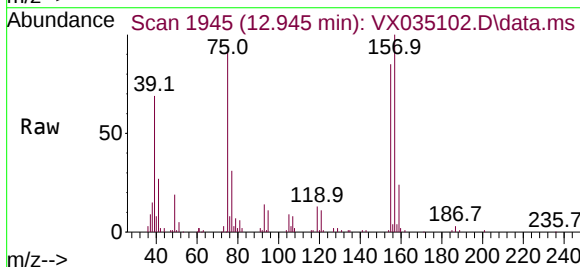
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

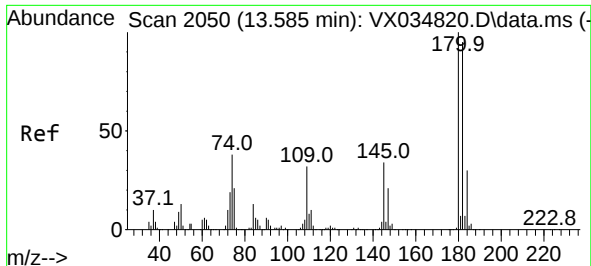
Tgt Ion:146 Resp: 142271  
Ion Ratio Lower Upper  
146 100  
111 42.7 22.0 66.0  
148 62.8 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.814 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion: 75 Resp: 20745  
Ion Ratio Lower Upper  
75 100  
155 83.6 38.4 115.1  
157 106.8 49.9 149.7

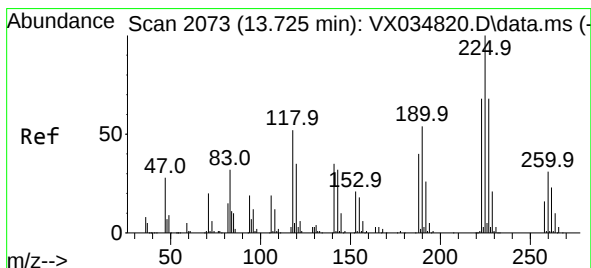
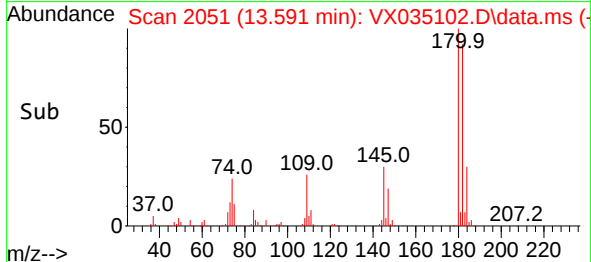
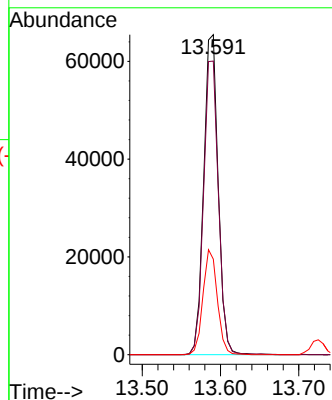
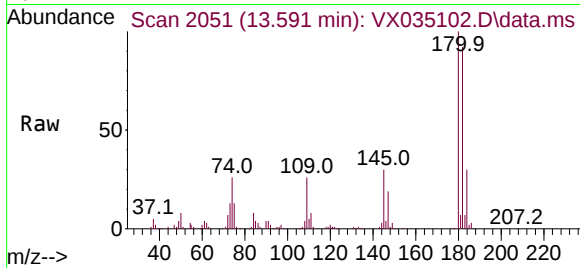




#93  
1,2,4-Trichlorobenzene  
Concen: 18.239 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.006 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

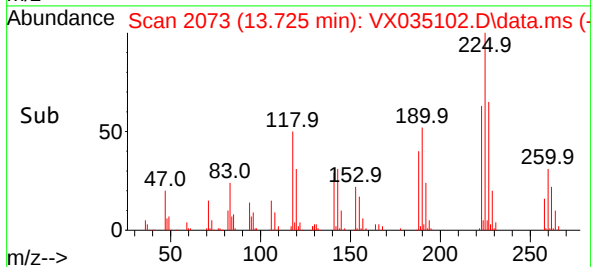
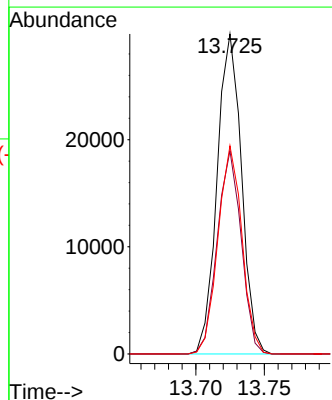
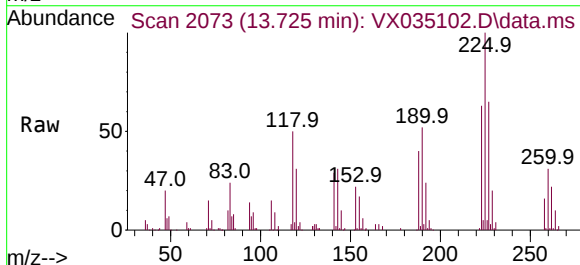
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0417MBS01

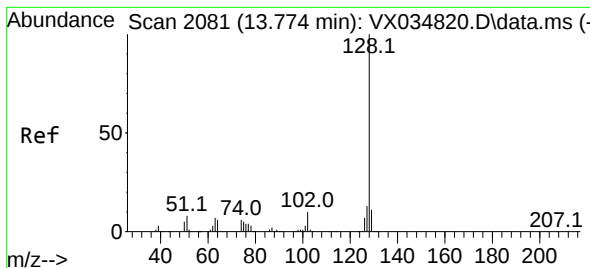
Tgt Ion:180 Resp: 84078  
Ion Ratio Lower Upper  
180 100  
182 93.8 47.0 141.0  
145 32.5 15.9 47.7



#94  
Hexachlorobutadiene  
Concen: 18.200 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX035102.D  
Acq: 17 Apr 2023 12:28

Tgt Ion:225 Resp: 36901  
Ion Ratio Lower Upper  
225 100  
223 62.3 32.1 96.5  
227 63.9 31.8 95.4





#95

Naphthalene

Concen: 17.897 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Instrument :

MSVOA\_X

ClientSampleId :

VX0417MBS01

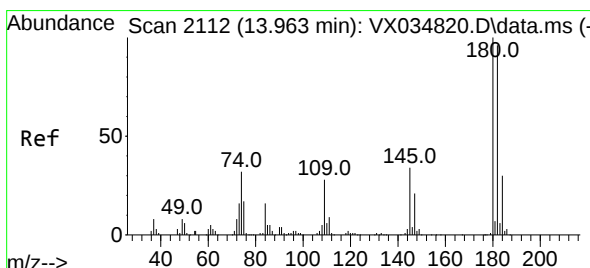
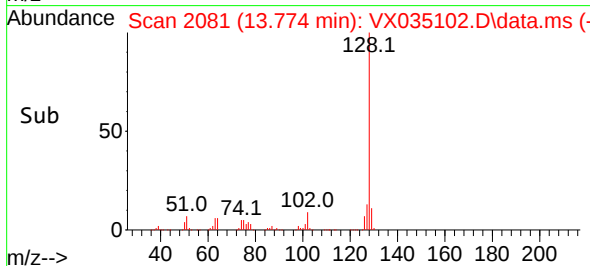
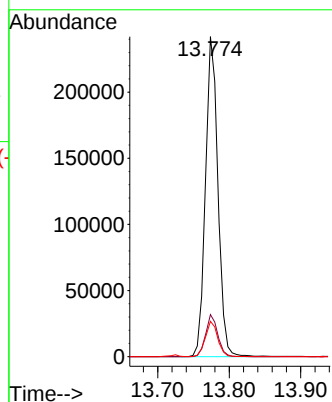
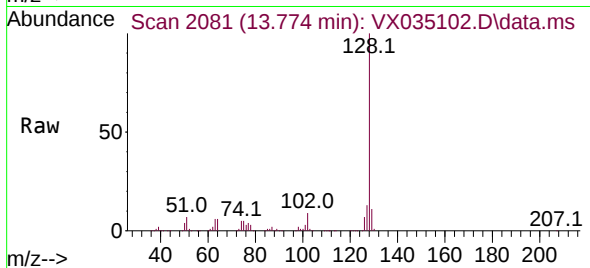
Tgt Ion:128 Resp: 293159

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.790 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035102.D

Acq: 17 Apr 2023 12:28

Tgt Ion:180 Resp: 82702

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.2

145 33.9 17.7 53.1

