

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052522\  
 Data File : VX028964.D  
 Acq On : 25 May 2022 20:30  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 26 05:48:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 252591   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 418203   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 383455   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 209397   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 161410   | 46.617   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 93.240%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 136953   | 49.983   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 99.960%  |
| 50) Toluene-d8               | 8.653  | 98    | 489224   | 47.358   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 94.720%  |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 202185   | 52.401   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 104.800% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 145725   | 44.060   | ug/l   | 100      |
| 3) Chloromethane             | 1.288  | 50    | 129071   | 41.438   | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374  | 62    | 144155   | 42.945   | ug/l   | 98       |
| 5) Bromomethane              | 1.599  | 94    | 125220   | 53.097   | ug/l   | 100      |
| 6) Chloroethane              | 1.672  | 64    | 95605    | 44.994   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.880  | 101   | 230203   | 43.015   | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136  | 74    | 87360    | 44.799   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 132372   | 47.003   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.453  | 142   | 162449   | 48.181   | ug/l   | 94       |
| 11) Tert butyl alcohol       | 2.977  | 59    | 196151   | 267.502  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.318  | 96    | 122335   | 46.797   | ug/l   | 97       |
| 13) Acrolein                 | 2.233  | 56    | 116549   | 205.077  | ug/l   | 98       |
| 14) Allyl chloride           | 2.660  | 41    | 197643   | 47.138   | ug/l   | 95       |
| 15) Acrylonitrile            | 3.062  | 53    | 412829   | 247.467  | ug/l   | 99       |
| 16) Acetone                  | 2.379  | 43    | 347321   | 233.730  | ug/l   | 94       |
| 17) Carbon Disulfide         | 2.507  | 76    | 258763   | 38.185   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703  | 43    | 189990   | 51.047   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 478910   | 51.624   | ug/l   | 100      |
| 20) Methylene Chloride       | 2.788  | 84    | 144446   | 46.333   | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 134958   | 45.832   | ug/l   | 98       |
| 22) Diisopropyl ether        | 3.757  | 45    | 436872   | 48.758   | ug/l # | 81       |
| 23) Vinyl Acetate            | 3.721  | 43    | 1891343  | 244.858  | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 254907   | 48.936   | ug/l   | 99       |
| 25) 2-Butanone               | 4.556  | 43    | 558123   | 239.278  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 186300   | 45.615   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 168201   | 48.908   | ug/l   | 96       |
| 28) Bromochloromethane       | 4.897  | 49    | 101989   | 46.516   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 358875   | 236.698  | ug/l   | 95       |
| 30) Chloroform               | 5.098  | 83    | 282789   | 50.163   | ug/l   | 98       |
| 31) Cyclohexane              | 5.470  | 56    | 209154   | 43.519   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 248482   | 50.489   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 192956   | 46.886   | ug/l   | 100      |
| 37) Ethyl Acetate            | 4.714  | 43    | 213676   | 49.709   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 212783   | 51.376   | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.385  | 83    | 226140   | 47.915   | ug/l   | 96       |
| 40) Benzene                  | 6.043  | 78    | 577303   | 48.809   | ug/l   | 99       |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 26 05:48:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 120669   | 52.356  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 217447   | 49.842  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 336872   | 50.094  | ug/l   | 97       |
| 44) Trichloroethene           | 7.129  | 130  | 163934   | 51.106  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 148928   | 50.467  | ug/l   | 100      |
| 46) Dibromomethane            | 7.586  | 93   | 110086   | 49.953  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 213585   | 52.202  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 166987   | 51.404  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 79530    | 979.974 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 1135897  | 256.436 | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 380488   | 50.008  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 222912   | 47.417  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 242767   | 52.732  | ug/l # | 92       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 164020   | 52.867  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 254831   | 54.239  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 269412   | 51.485  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 570153   | 247.871 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 899713   | 261.435 | ug/l   | 94       |
| 60) Dibromochloromethane      | 9.525  | 129  | 171238   | 56.593  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 171825   | 52.730  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 142931   | 49.360  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 425142   | 52.262  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 160227   | 55.603  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 751069   | 51.511  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 589622   | 103.868 | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 293644   | 52.540  | ug/l   | 98       |
| 70) Styrene                   | 10.658 | 104  | 501505   | 55.255  | ug/l   | 98       |
| 71) Bromoform                 | 10.805 | 173  | 126591   | 52.900  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 772954   | 48.676  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.847 | 43   | 305079   | 48.874  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 269185   | 49.413  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 299232   | 61.020  | ug/l   | 87       |
| 77) Bromobenzene              | 11.201 | 156  | 190510   | 50.704  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 888376   | 48.364  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 552370   | 49.064  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 669086   | 50.567  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 72973    | 44.827  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 638453   | 49.055  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.719 | 119  | 673056   | 52.537  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 669008   | 50.421  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 821710   | 51.999  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 701858   | 52.929  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 367128   | 49.816  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 371498   | 48.599  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 591046   | 51.443  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.542 | 117  | 113045   | 52.717  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 372004   | 51.384  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 60498    | 52.009  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 224862   | 53.776  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 93347    | 54.951  | ug/l   | 95       |
| 95) Naphthalene               | 13.774 | 128  | 811201   | 54.517  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 229614   | 54.674  | ug/l   | 95       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: May 26 05:48:01 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
Response via : Initial Calibration

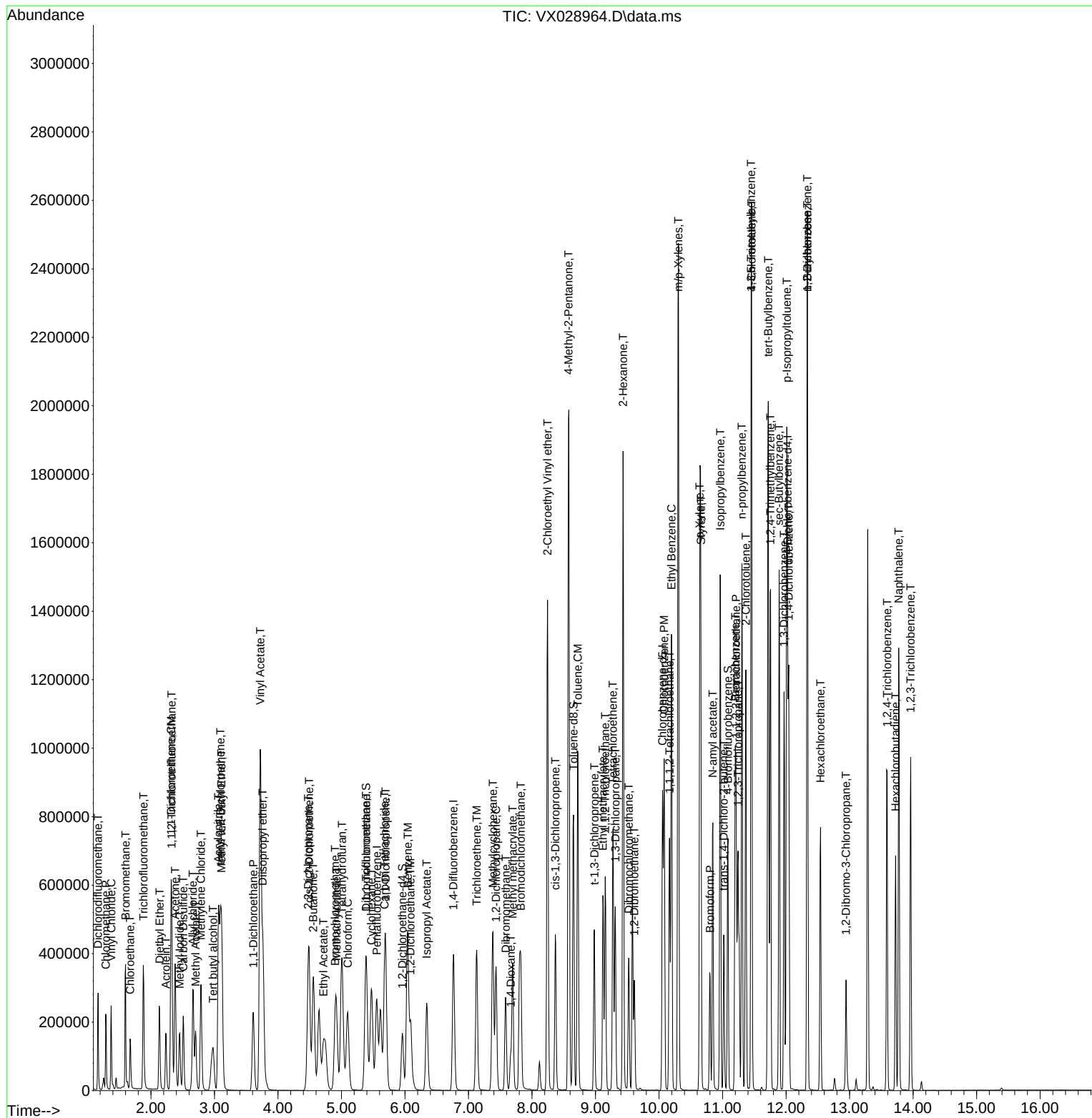
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

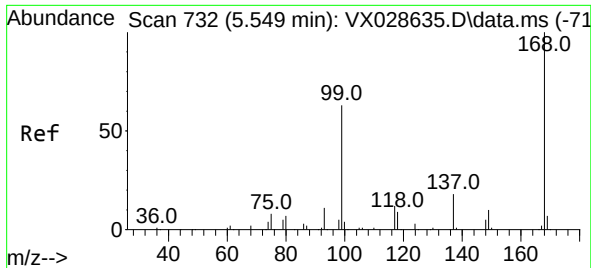
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

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Quant Time: May 26 05:48:01 2022  
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 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
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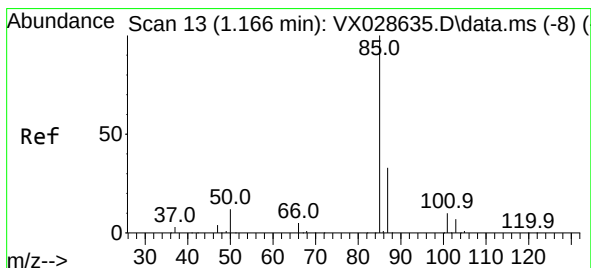
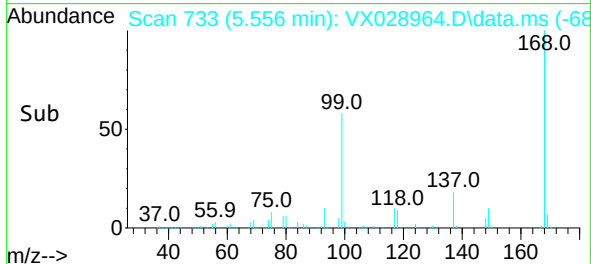
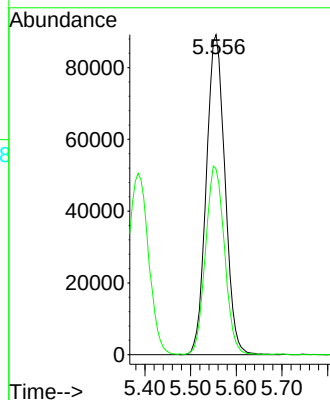
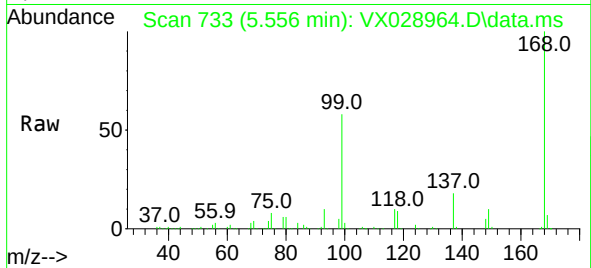




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

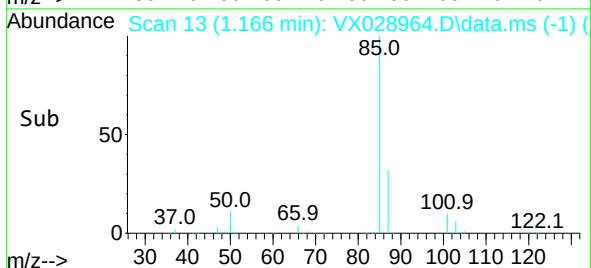
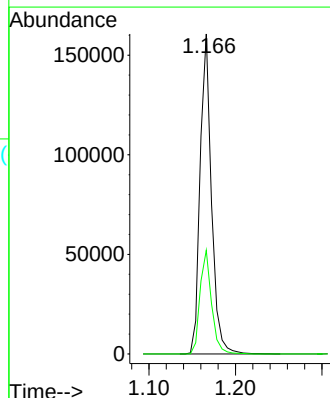
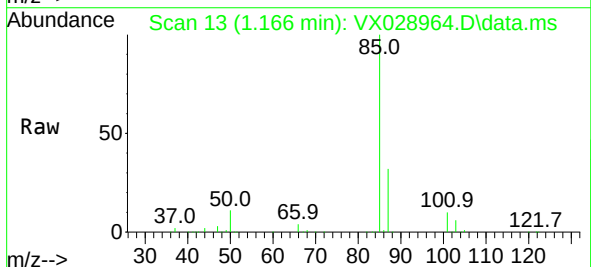
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

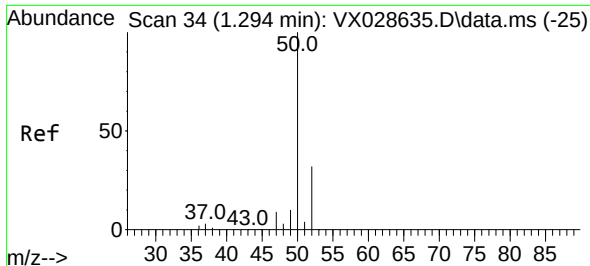
Tgt Ion:168 Resp: 252591  
Ion Ratio Lower Upper  
168 100  
99 57.9 41.7 62.5



#2  
Dichlorodifluoromethane  
Concen: 44.060 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 85 Resp: 145725  
Ion Ratio Lower Upper  
85 100  
87 32.4 16.2 48.6

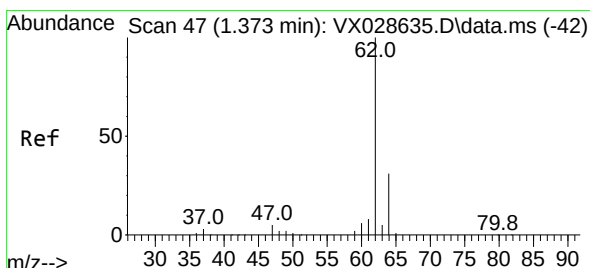
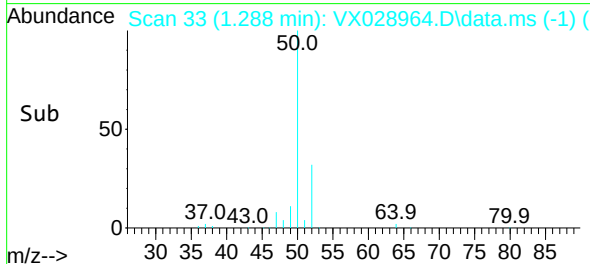
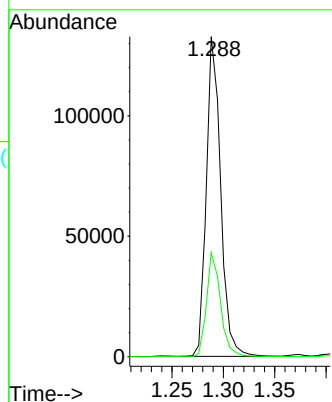
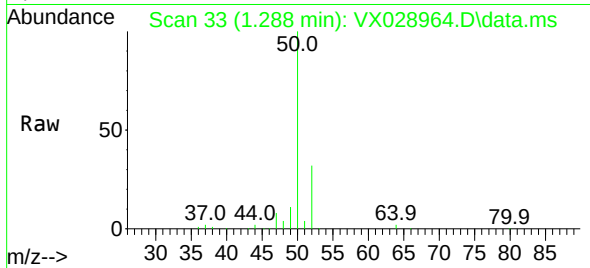




#3  
Chloromethane  
Concen: 41.438 ug/l  
RT: 1.288 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

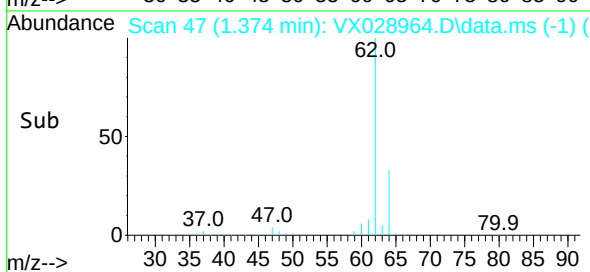
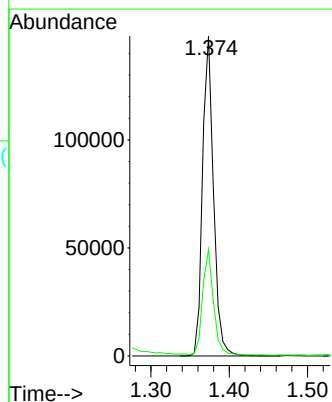
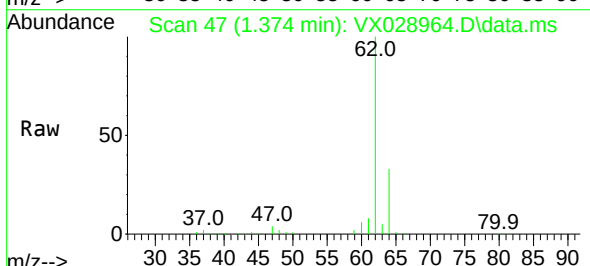
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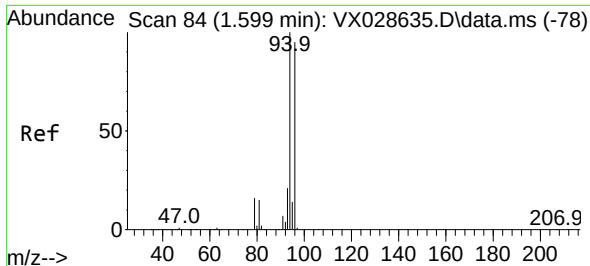
Tgt Ion: 50 Resp: 129071  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.4 39.6



#4  
Vinyl Chloride  
Concen: 42.945 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 62 Resp: 144155  
Ion Ratio Lower Upper  
62 100  
64 33.0 25.5 38.3

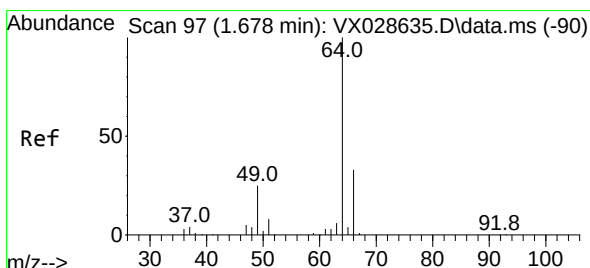
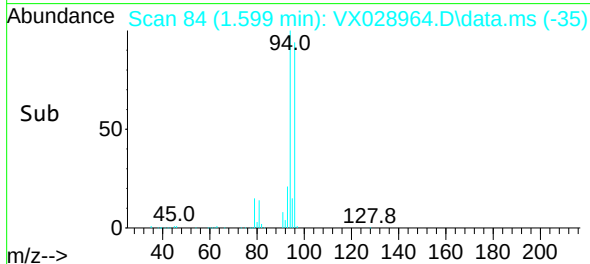
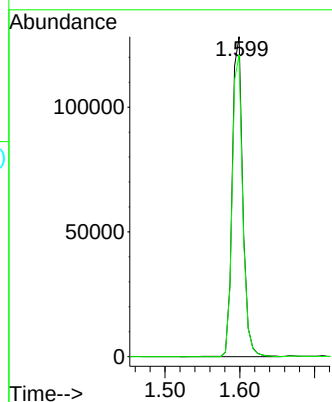
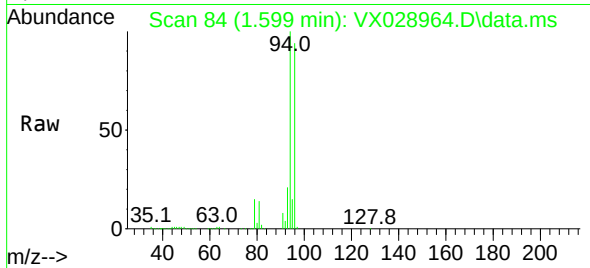




#5  
Bromomethane  
Concen: 53.097 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

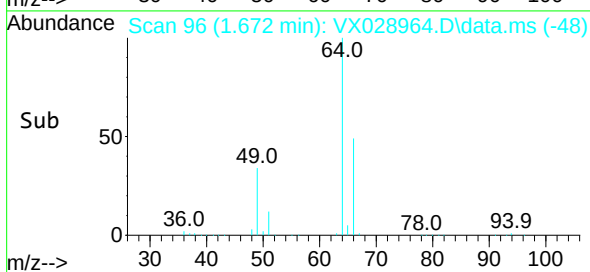
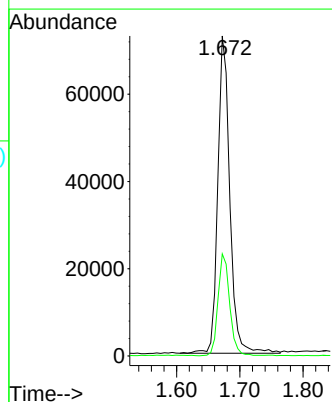
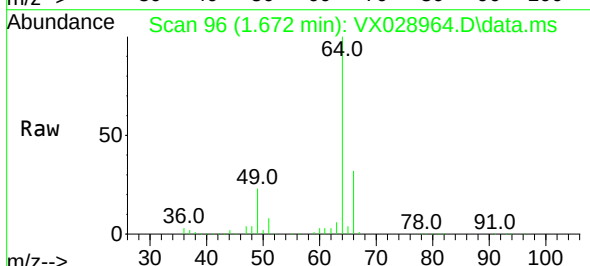
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

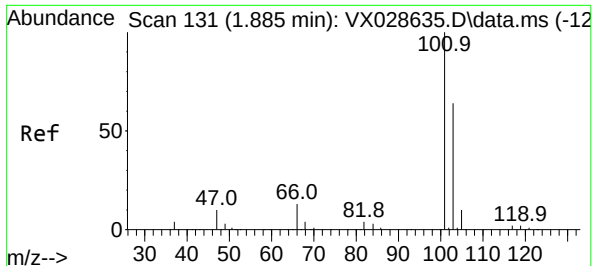
Tgt Ion: 94 Resp: 125220  
Ion Ratio Lower Upper  
94 100  
96 94.3 75.3 112.9



#6  
Chloroethane  
Concen: 44.994 ug/l  
RT: 1.672 min Scan# 96  
Delta R.T. -0.006 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 64 Resp: 95605  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.3 37.9

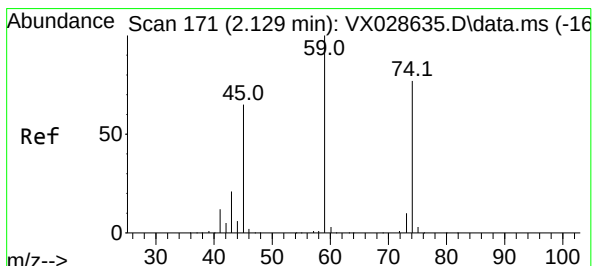
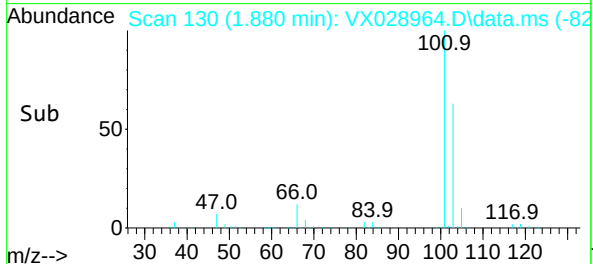
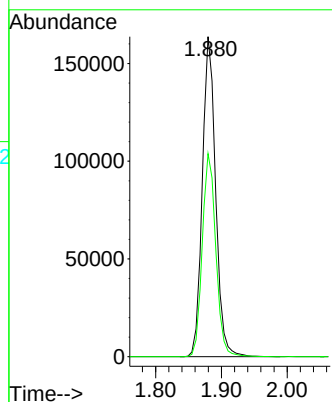
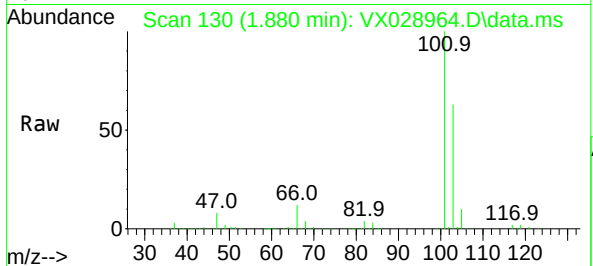




#7  
Trichlorofluoromethane  
Concen: 43.015 ug/l  
RT: 1.880 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

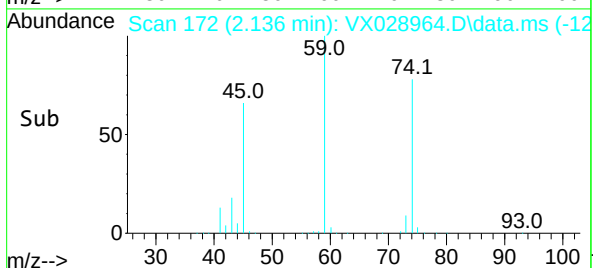
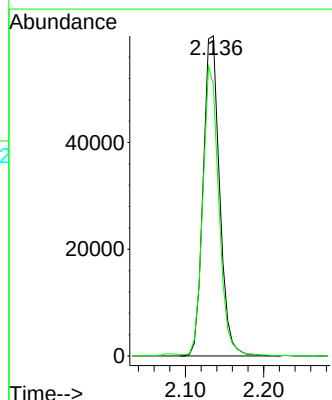
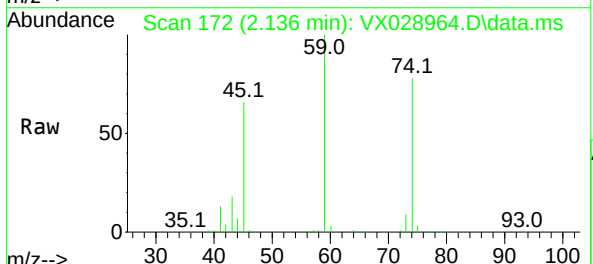
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 230203  
Ion Ratio Lower Upper  
101 100  
103 63.5 50.5 75.7

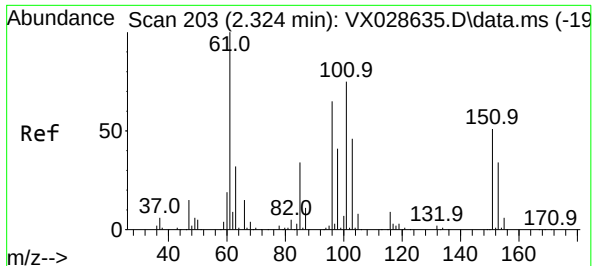


#8  
Diethyl Ether  
Concen: 44.799 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.007 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 74 Resp: 87360  
Ion Ratio Lower Upper  
74 100  
45 88.5 42.0 126.0



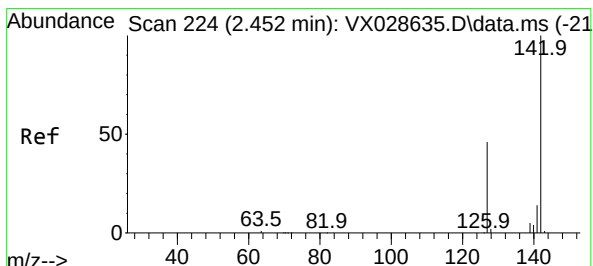
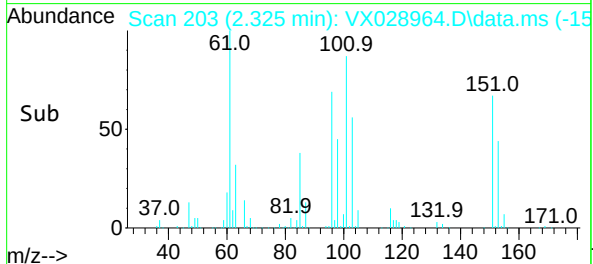
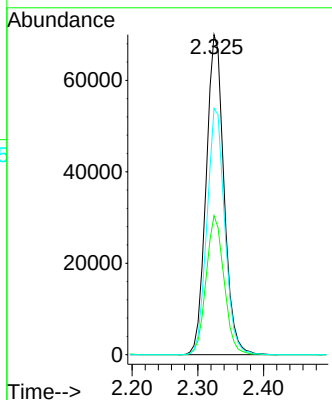
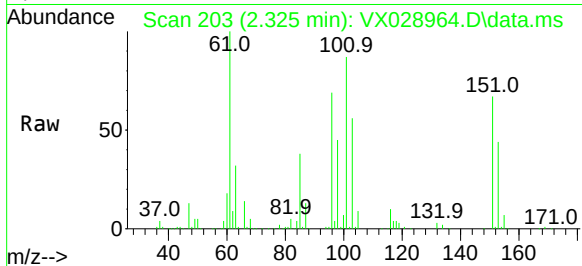




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.003 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.001 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

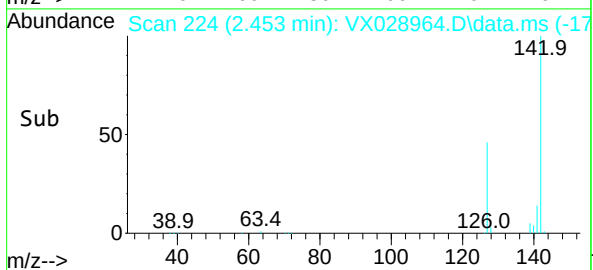
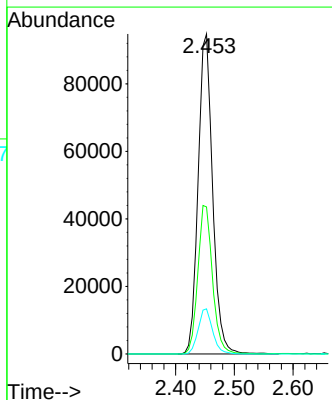
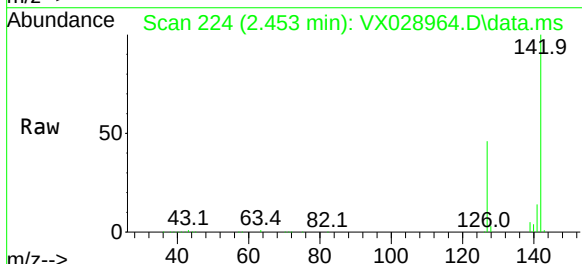
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

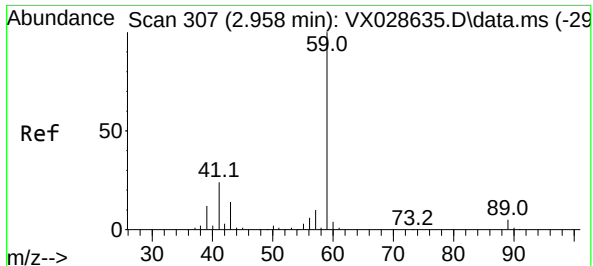
Tgt Ion:101 Resp: 132372  
Ion Ratio Lower Upper  
101 100  
85 43.5 33.5 50.3  
151 76.6 61.8 92.6



#10  
Methyl Iodide  
Concen: 48.181 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.001 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion:142 Resp: 162449  
Ion Ratio Lower Upper  
142 100  
127 47.1 33.9 50.9  
141 14.1 11.4 17.2

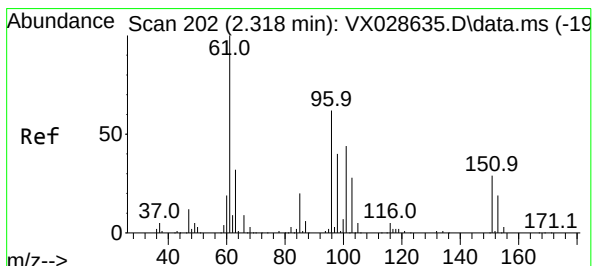
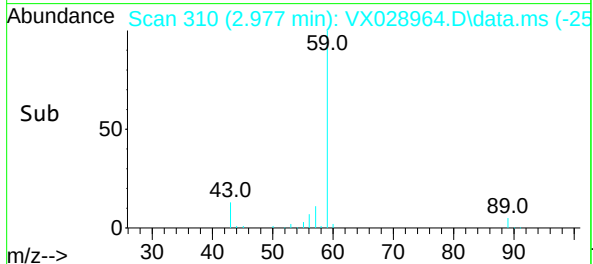
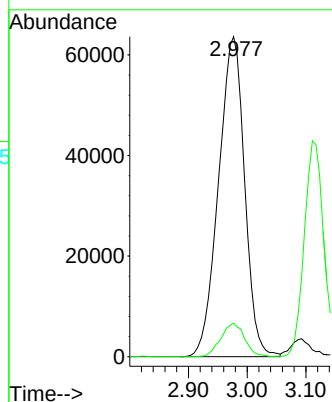
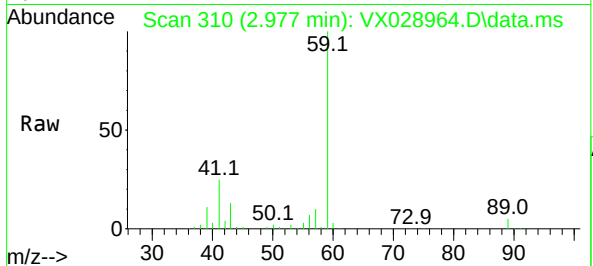




#11  
Tert butyl alcohol  
Concen: 267.502 ug/l  
RT: 2.977 min Scan# 311  
Delta R.T. 0.019 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

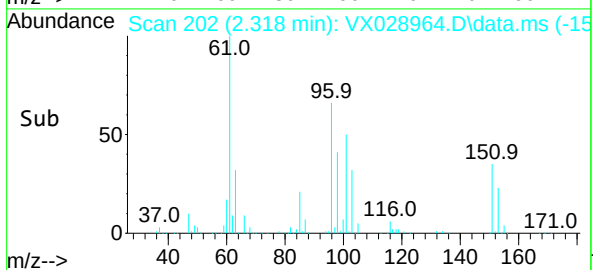
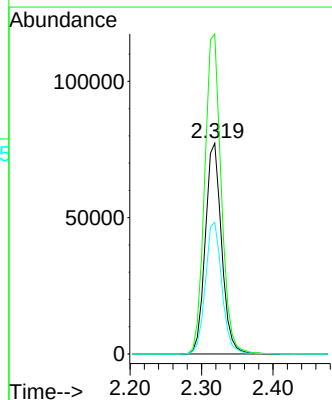
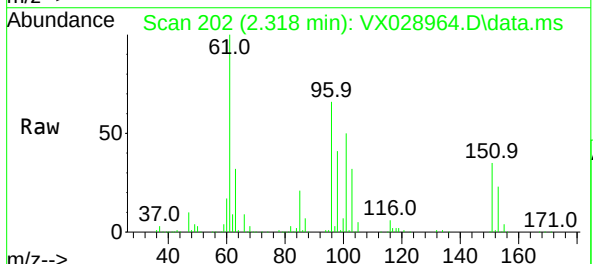
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

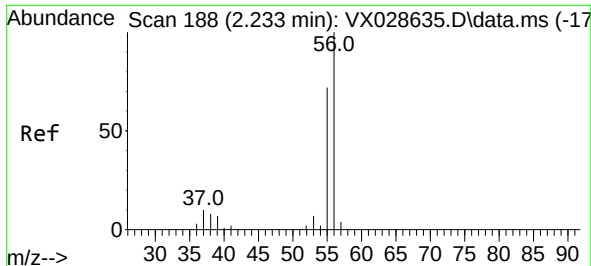
Tgt Ion: 59 Resp: 196151  
Ion Ratio Lower Upper  
59 100  
57 9.5 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 46.797 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 96 Resp: 122335  
Ion Ratio Lower Upper  
96 100  
61 151.8 124.6 187.0  
98 62.5 51.0 76.4

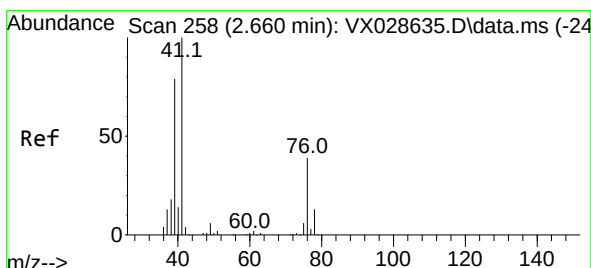
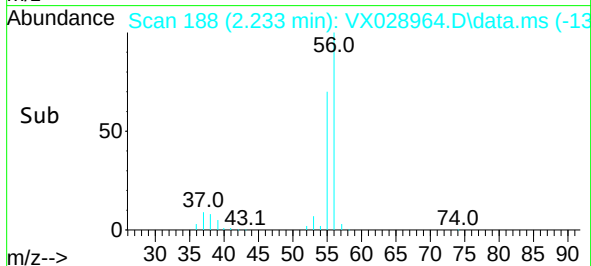
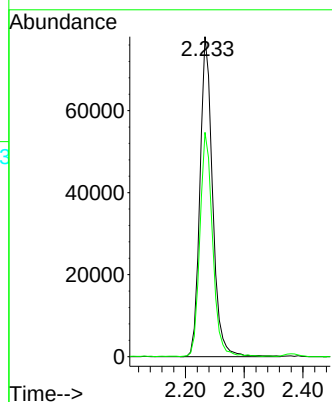
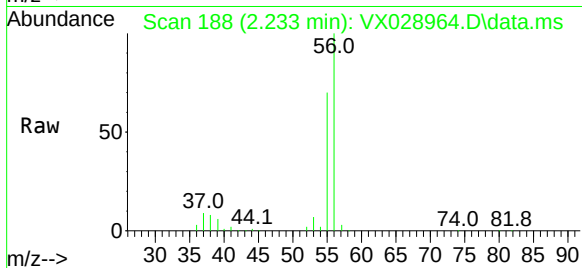




#13  
Acrolein  
Concen: 205.077 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

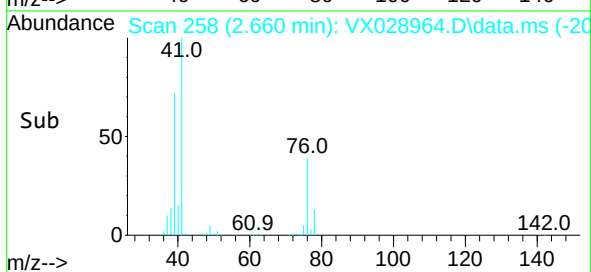
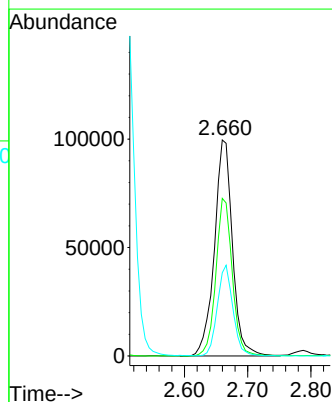
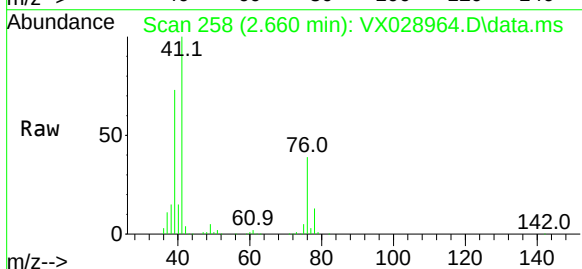
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

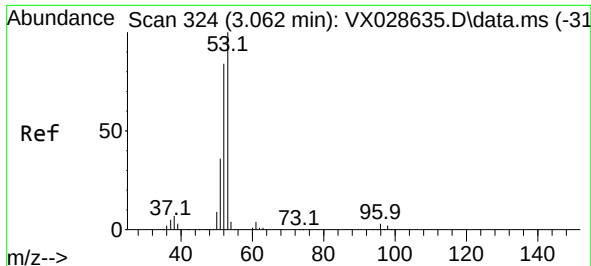
Tgt Ion: 56 Resp: 116549  
Ion Ratio Lower Upper  
56 100  
55 70.5 55.0 82.6



#14  
Allyl chloride  
Concen: 47.138 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 41 Resp: 197643  
Ion Ratio Lower Upper  
41 100  
39 66.1 50.4 75.6  
76 36.1 32.7 49.1

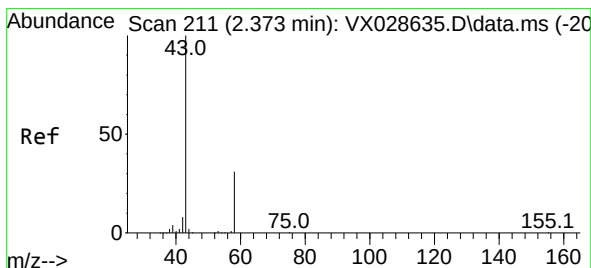
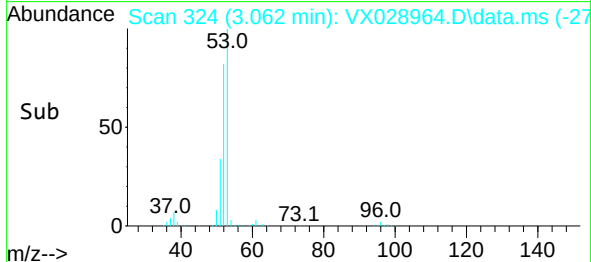
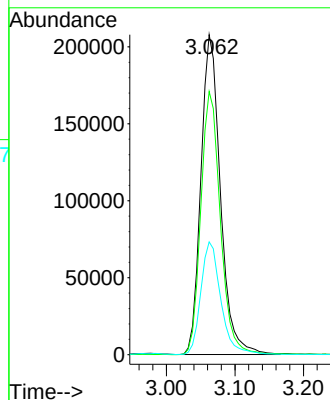
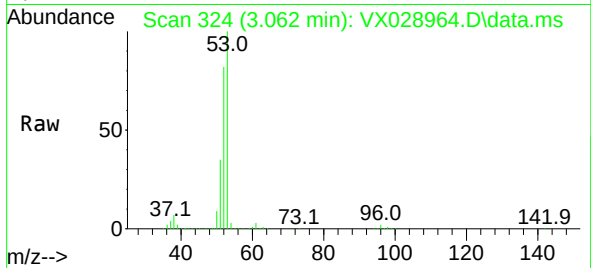




#15  
Acrylonitrile  
Concen: 247.467 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

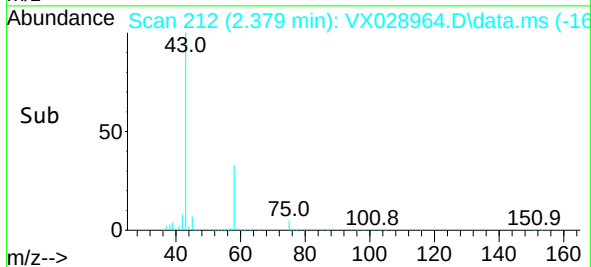
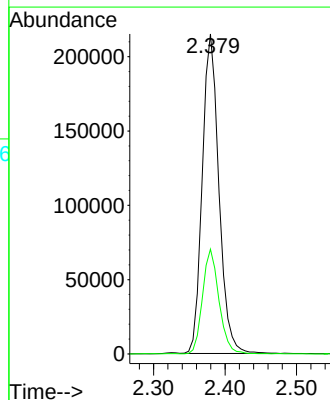
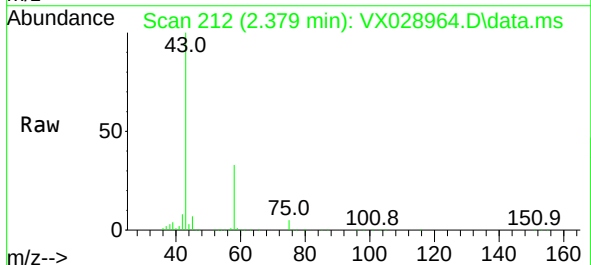
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

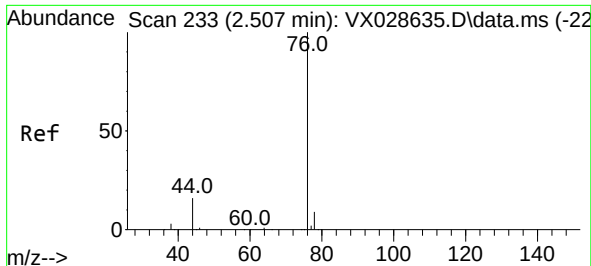
Tgt Ion: 53 Resp: 412829  
Ion Ratio Lower Upper  
53 100  
52 82.7 65.7 98.5  
51 36.1 28.4 42.6



#16  
Acetone  
Concen: 233.730 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 43 Resp: 347321  
Ion Ratio Lower Upper  
43 100  
58 32.8 28.8 43.2

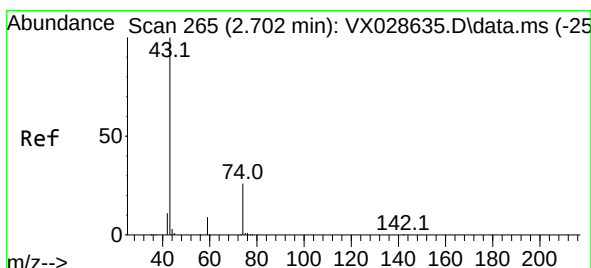
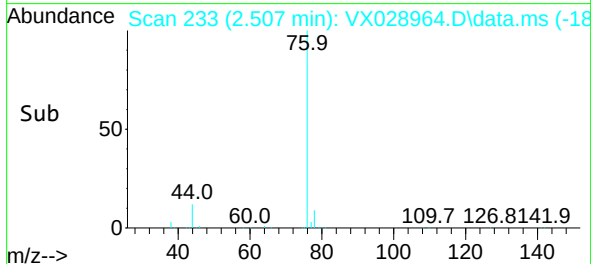
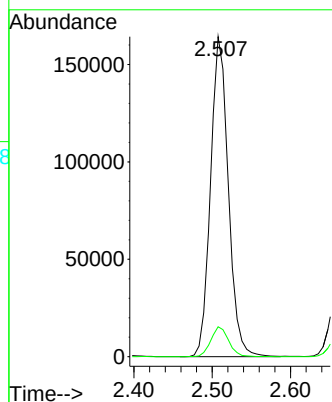
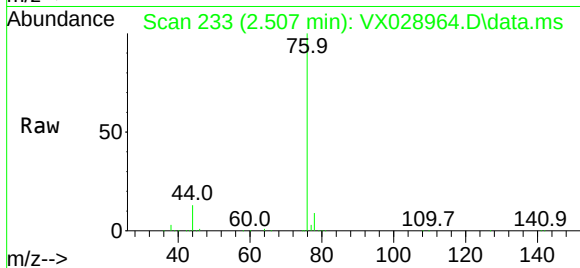




#17  
Carbon Disulfide  
Concen: 38.185 ug/l  
RT: 2.507 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

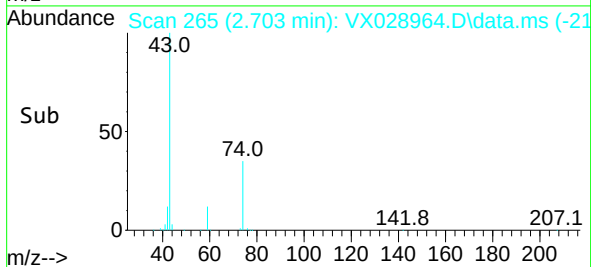
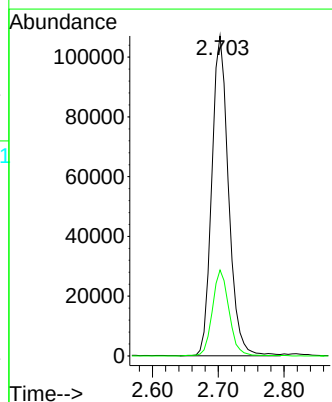
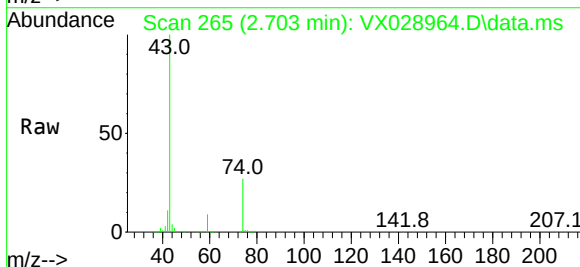
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

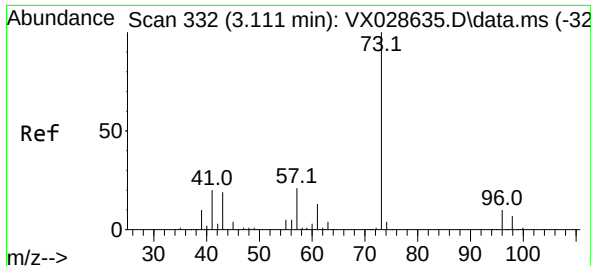
Tgt Ion: 76 Resp: 258763  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 51.047 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.001 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 43 Resp: 189990  
Ion Ratio Lower Upper  
43 100  
74 26.8 22.8 34.2

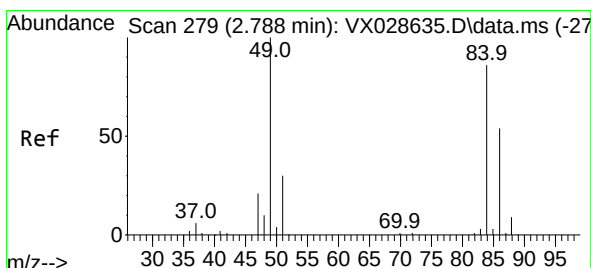
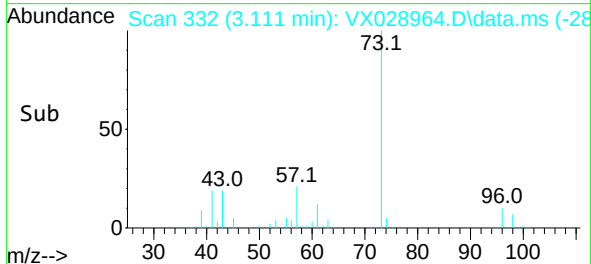
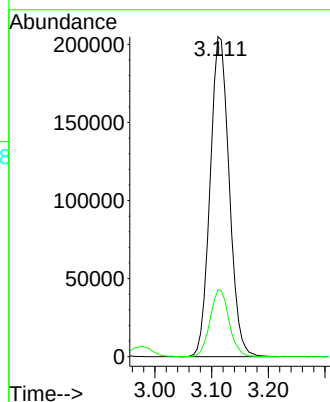
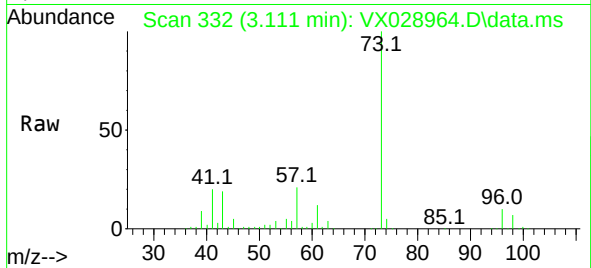




#19  
Methyl tert-butyl Ether  
Concen: 51.624 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

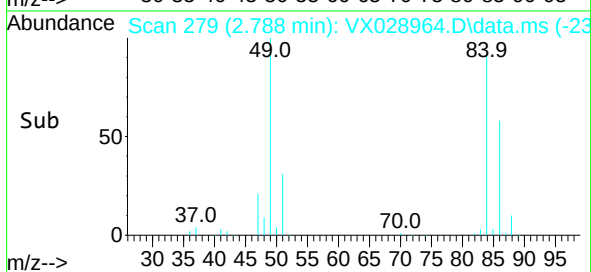
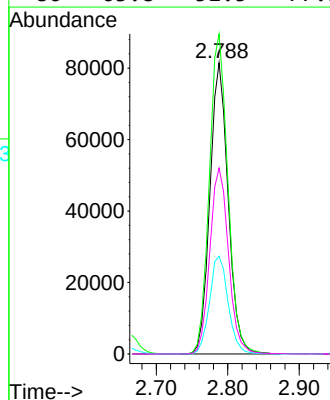
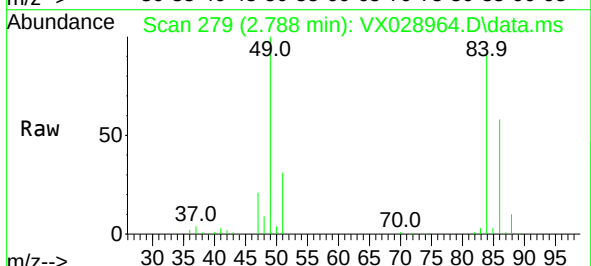
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

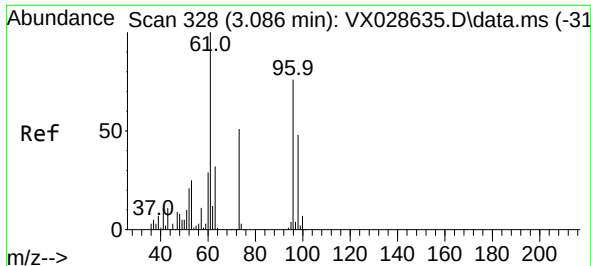
Tgt Ion: 73 Resp: 478910  
Ion Ratio Lower Upper  
73 100  
57 20.9 16.8 25.2



#20  
Methylene Chloride  
Concen: 46.333 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 84 Resp: 144446  
Ion Ratio Lower Upper  
84 100  
49 109.9 85.5 128.3  
51 33.6 26.6 39.8  
86 63.8 51.5 77.3

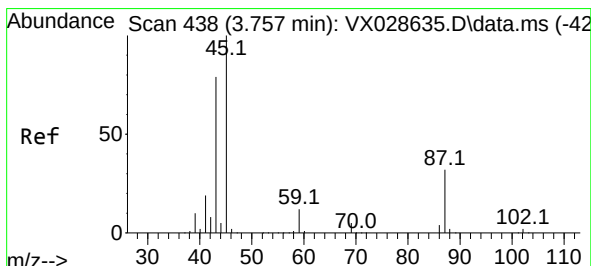
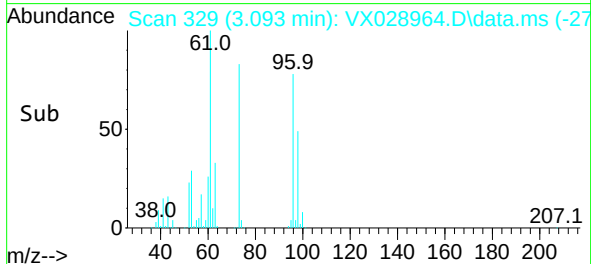
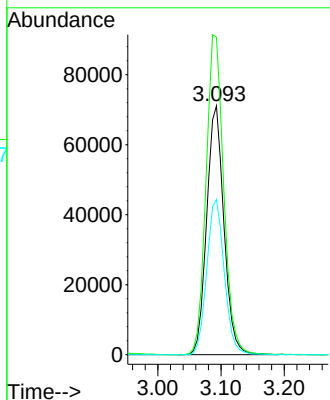
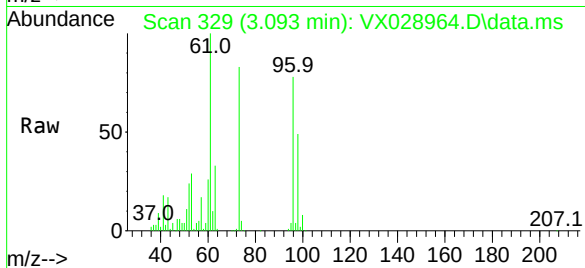




#21  
trans-1,2-Dichloroethene  
Concen: 45.832 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

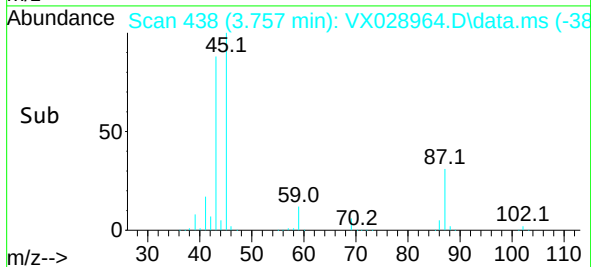
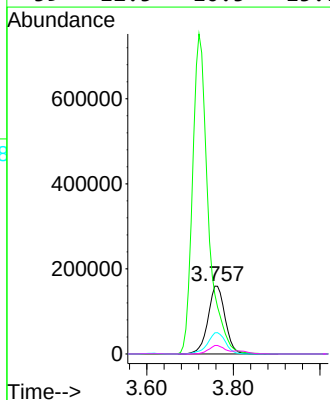
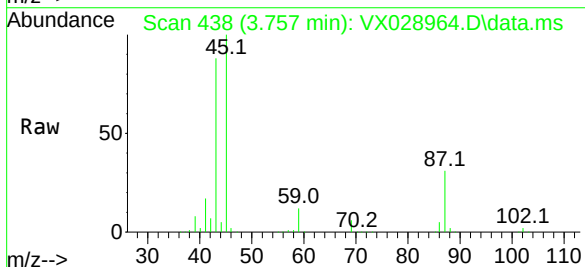
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

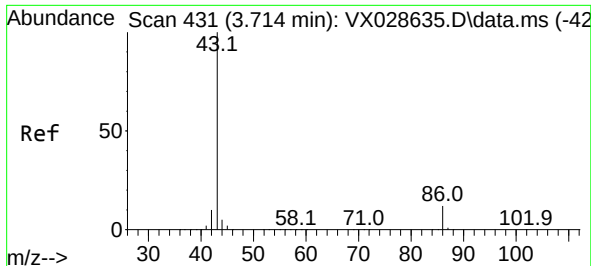
Tgt Ion: 96 Resp: 134958  
Ion Ratio Lower Upper  
96 100  
61 127.6 105.4 158.2  
98 62.4 50.0 75.0



#22  
Diisopropyl ether  
Concen: 48.758 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 45 Resp: 436872  
Ion Ratio Lower Upper  
45 100  
43 87.6 50.8 76.2#  
87 31.2 26.6 39.8  
59 12.5 10.5 15.7

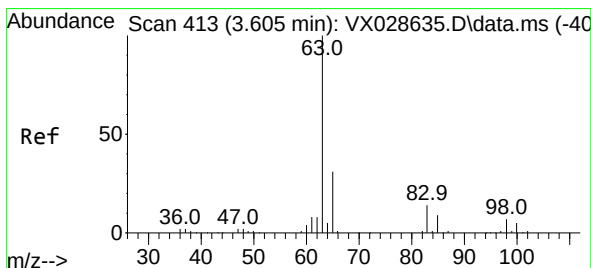
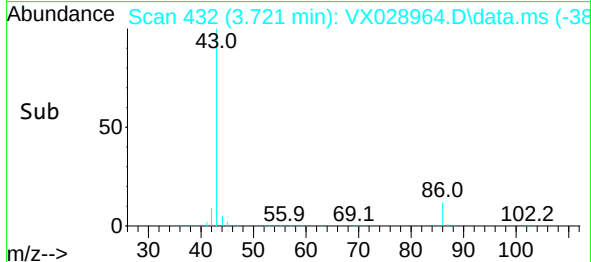
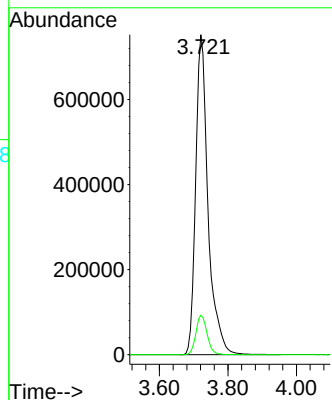
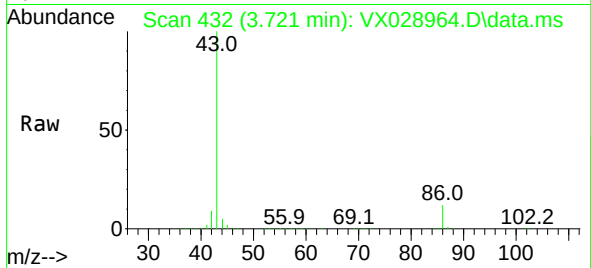




#23  
 Vinyl Acetate  
 Concen: 244.858 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.007 min  
 Lab File: VX028964.D  
 Acq: 25 May 2022 20:30

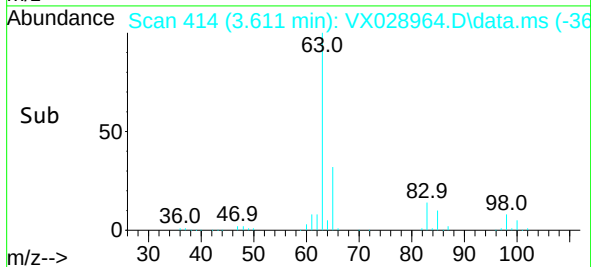
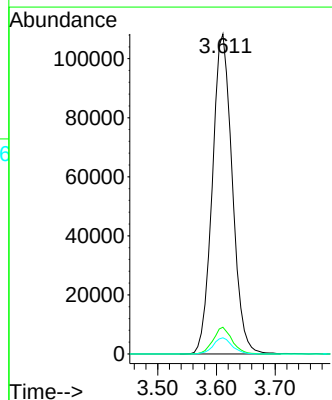
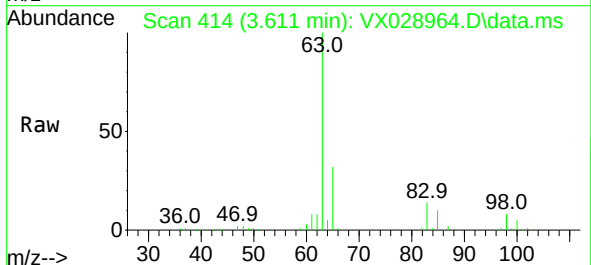
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1891343  
 Ion Ratio Lower Upper  
 43 100  
 86 12.3 10.8 16.2

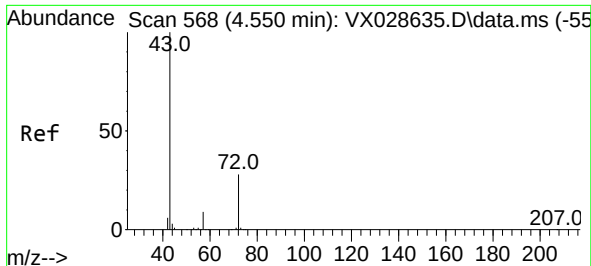


#24  
 1,1-Dichloroethane  
 Concen: 48.936 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX028964.D  
 Acq: 25 May 2022 20:30

Tgt Ion: 63 Resp: 254907  
 Ion Ratio Lower Upper  
 63 100  
 98 8.3 3.9 11.7  
 100 5.0 2.4 7.2



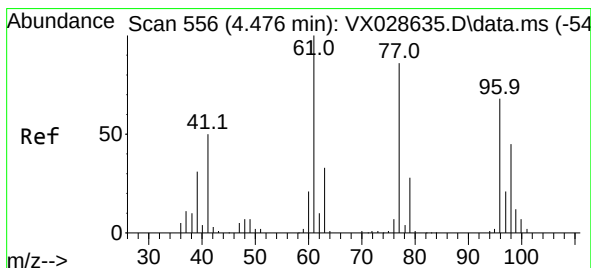
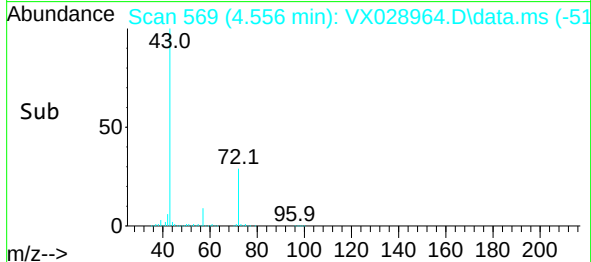
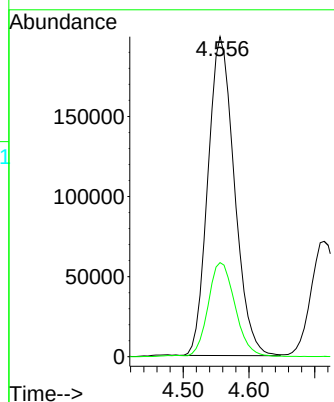
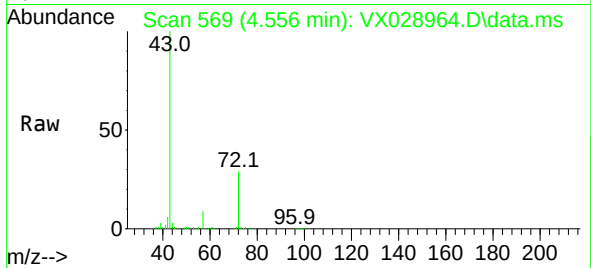




#25  
2-Butanone  
Concen: 239.278 ug/l  
RT: 4.556 min Scan# 558  
Delta R.T. 0.006 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

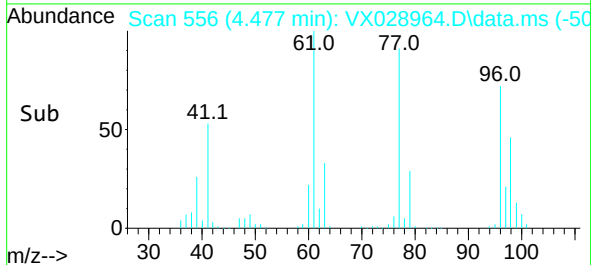
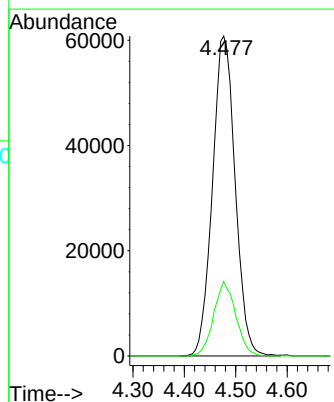
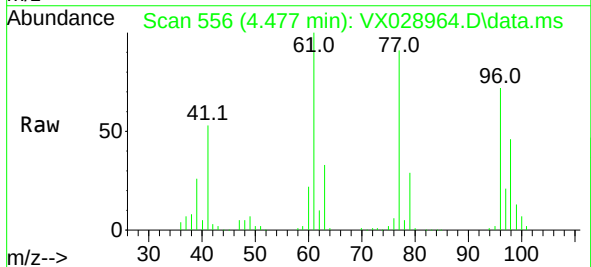
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

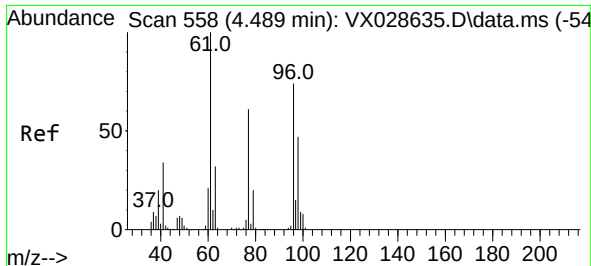
Tgt Ion: 43 Resp: 558123  
Ion Ratio Lower Upper  
43 100  
72 29.3 24.4 36.6



#26  
2,2-Dichloropropane  
Concen: 45.615 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.001 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 77 Resp: 186300  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 48.908 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

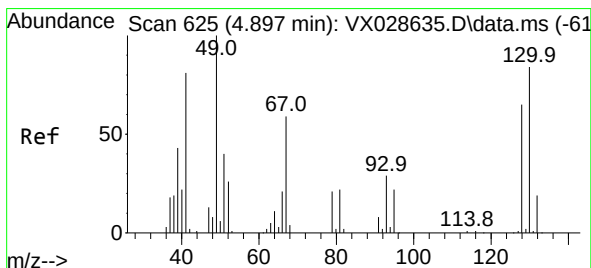
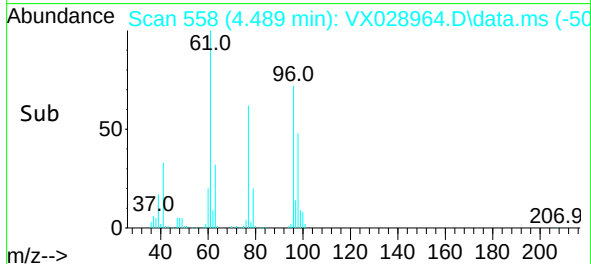
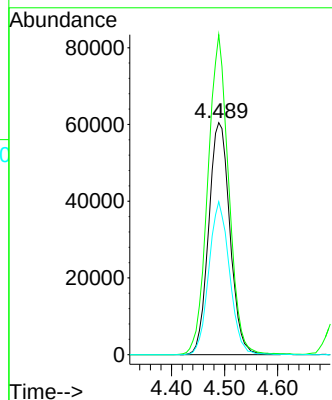
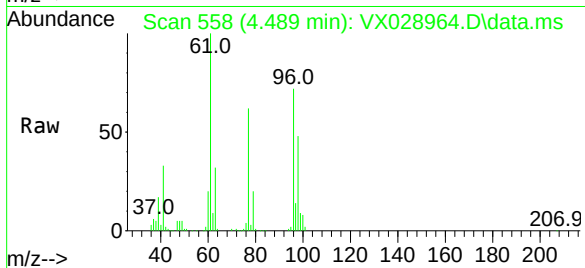
Tgt Ion: 96 Resp: 168201

Ion Ratio Lower Upper

96 100

61 135.7 0.0 283.8

98 64.2 0.0 129.8



#28

Bromochloromethane

Concen: 46.516 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

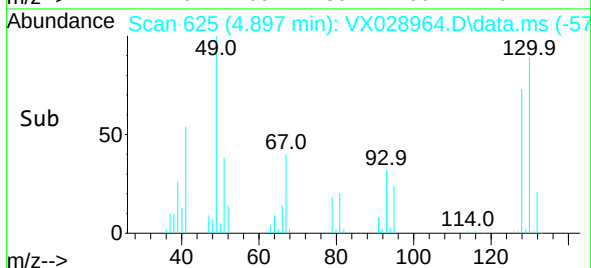
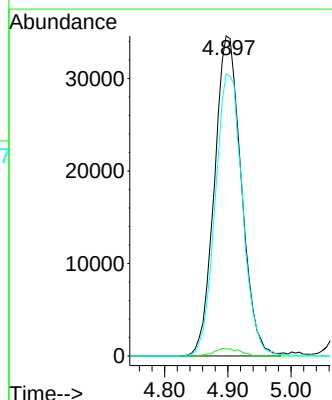
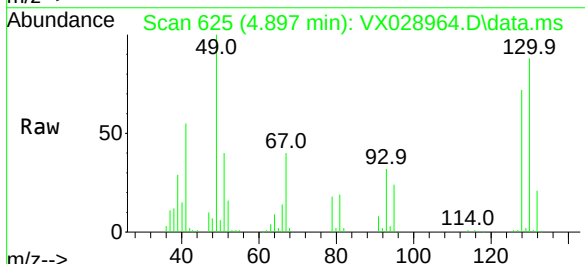
Tgt Ion: 49 Resp: 101989

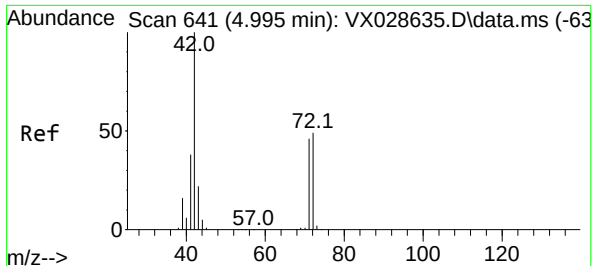
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 89.3 70.7 106.1





#29

Tetrahydrofuran

Concen: 236.698 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

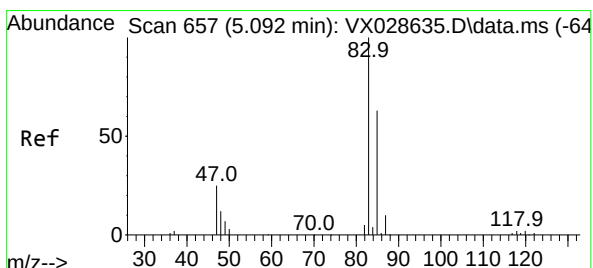
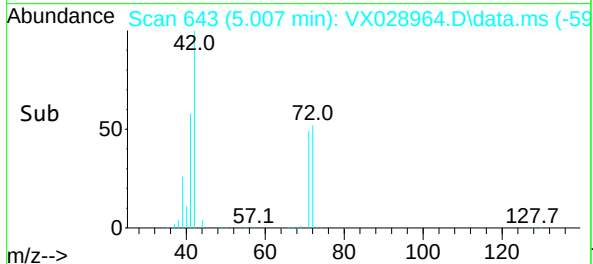
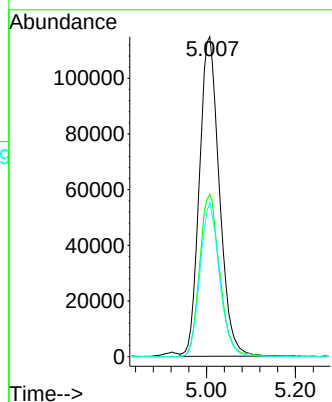
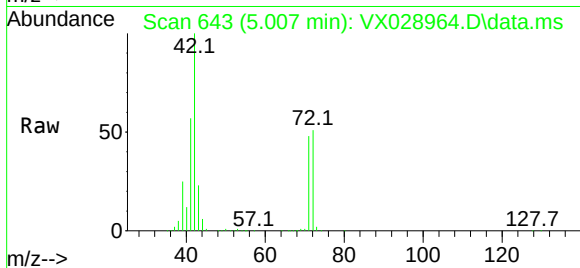
Tgt Ion: 42 Resp: 358875

Ion Ratio Lower Upper

42 100

72 51.5 44.1 66.1

71 47.1 40.5 60.7



#30

Chloroform

Concen: 50.163 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX028964.D

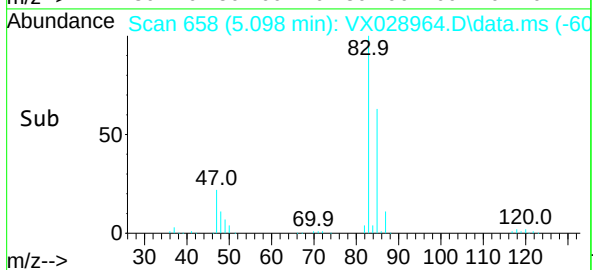
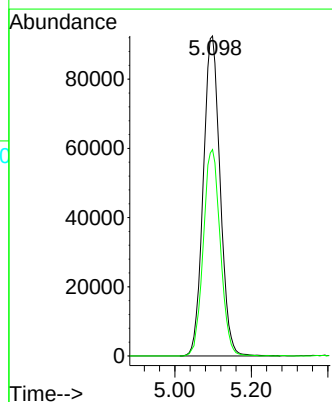
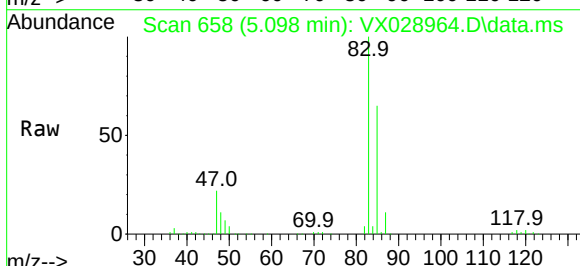
Acq: 25 May 2022 20:30

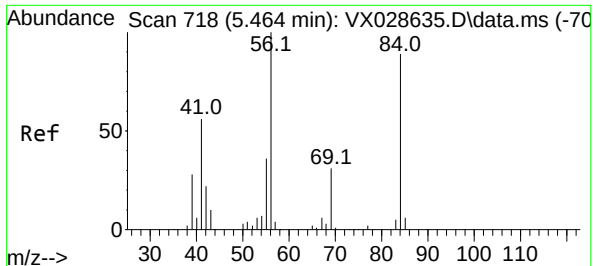
Tgt Ion: 83 Resp: 282789

Ion Ratio Lower Upper

83 100

85 64.5 52.7 79.1

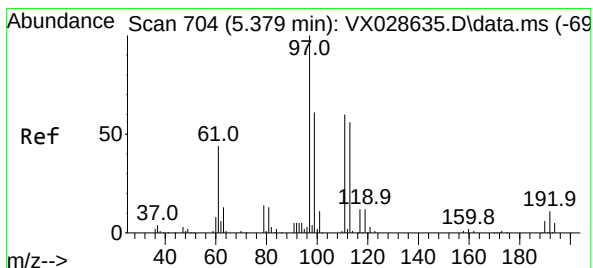
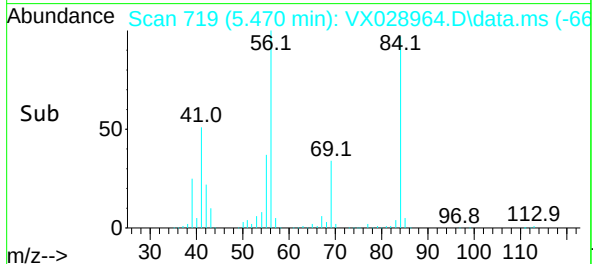
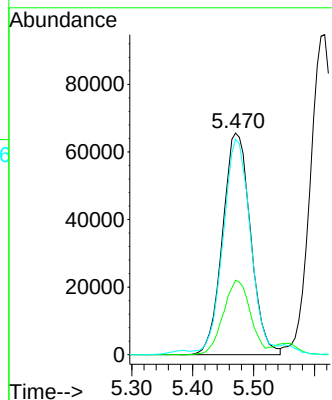
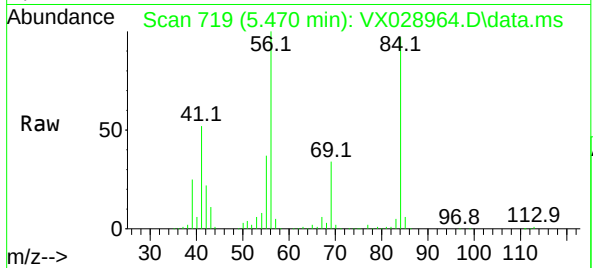




#31  
Cyclohexane  
Concen: 43.519 ug/l  
RT: 5.470 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

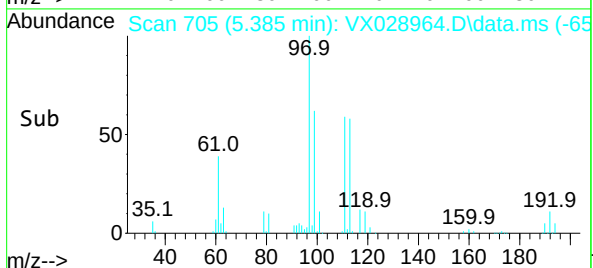
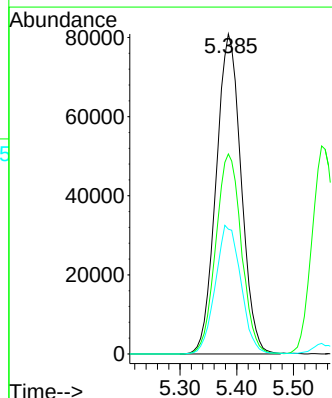
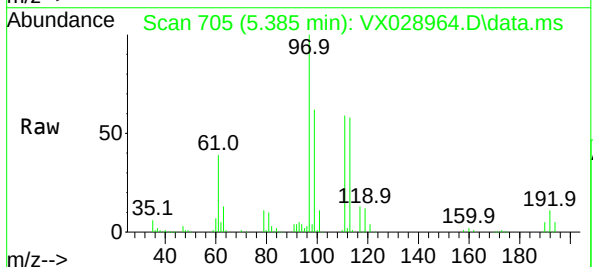
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

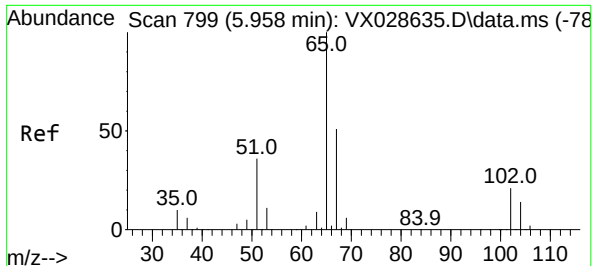
Tgt Ion: 56 Resp: 209154  
Ion Ratio Lower Upper  
56 100  
69 33.6 26.7 40.1  
84 95.4 77.2 115.8



#32  
1,1,1-Trichloroethane  
Concen: 50.489 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 97 Resp: 248482  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.8 77.6  
61 41.2 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 46.617 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

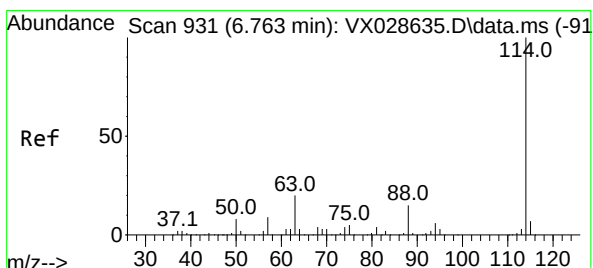
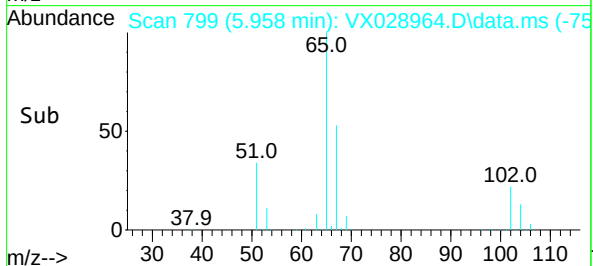
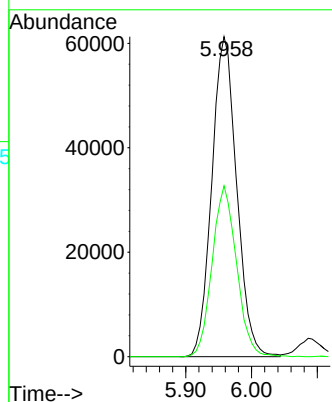
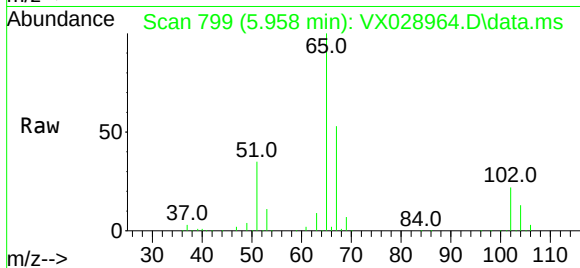
VSTDCCC050EC

Tgt Ion: 65 Resp: 161410

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

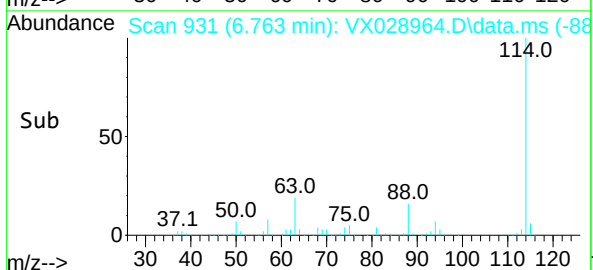
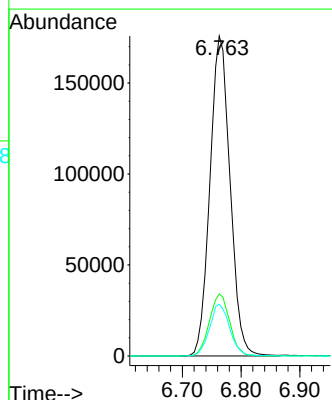
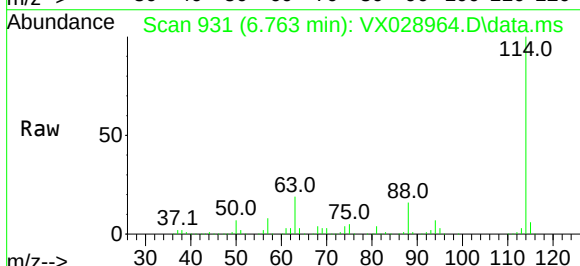
Tgt Ion: 114 Resp: 418203

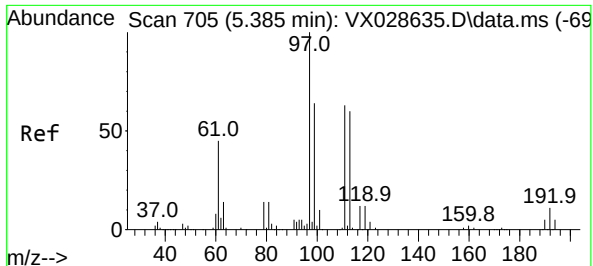
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.2 0.0 32.4

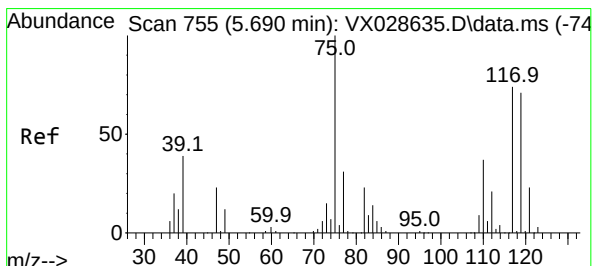
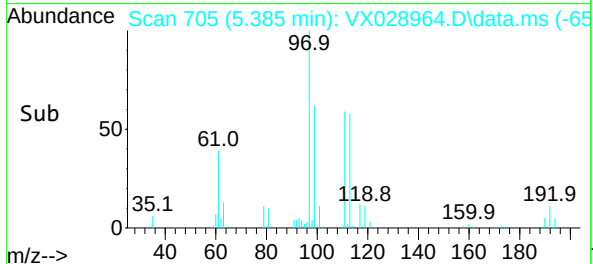
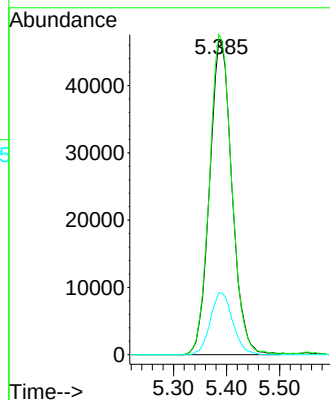
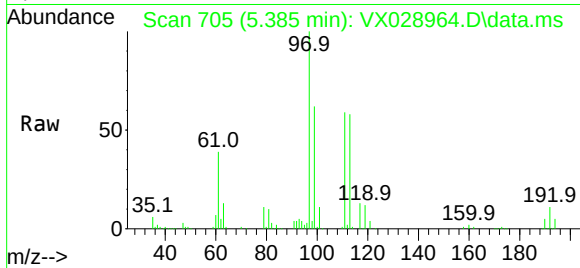




#35  
Dibromofluoromethane  
Concen: 49.983 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

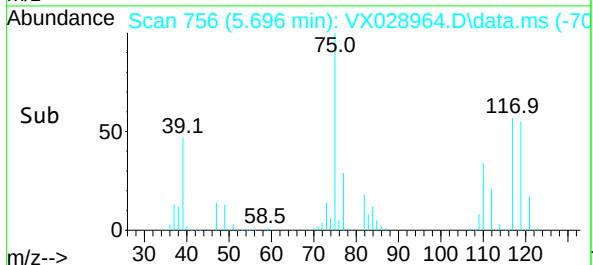
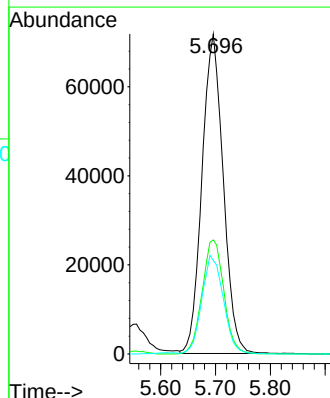
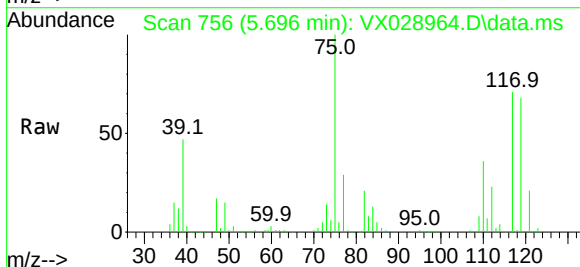
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

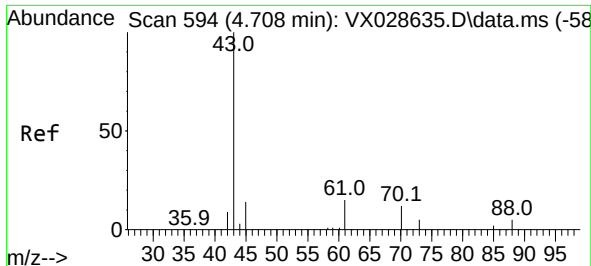
Tgt Ion:113 Resp: 136953  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.8 124.2  
192 19.7 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 46.886 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 75 Resp: 192956  
Ion Ratio Lower Upper  
75 100  
110 36.4 18.3 54.8  
77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 49.709 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

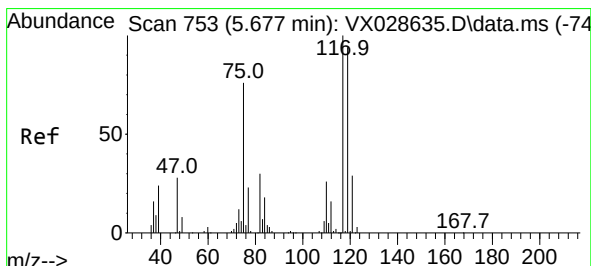
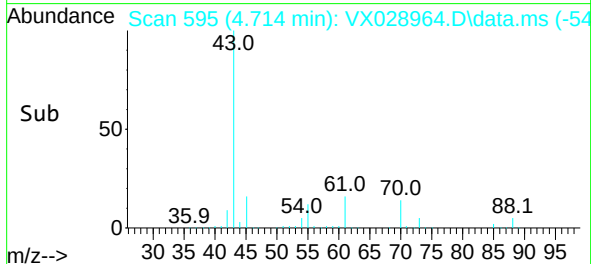
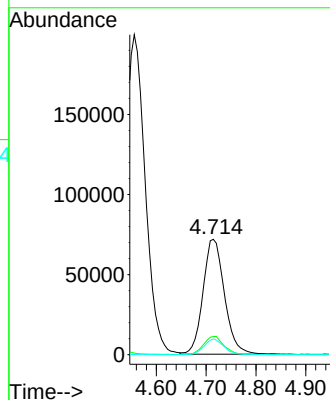
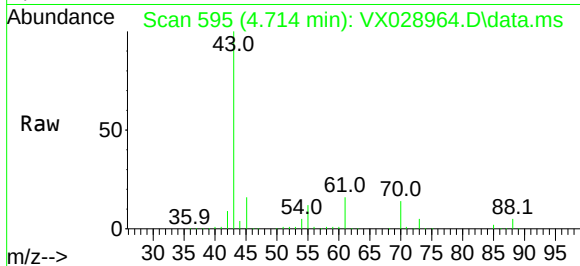
Tgt Ion: 43 Resp: 213676

Ion Ratio Lower Upper

43 100

61 15.5 12.6 19.0

70 12.5 10.2 15.2



#38

Carbon Tetrachloride

Concen: 51.376 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

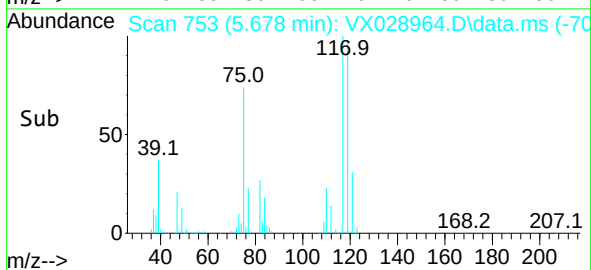
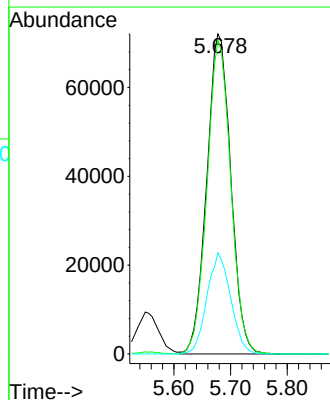
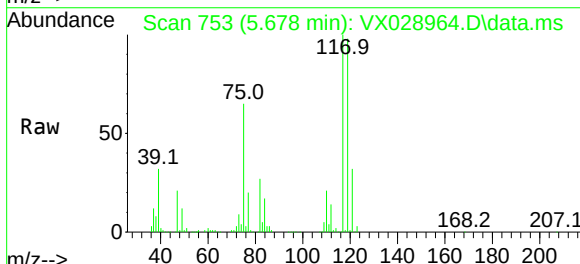
Tgt Ion: 117 Resp: 212783

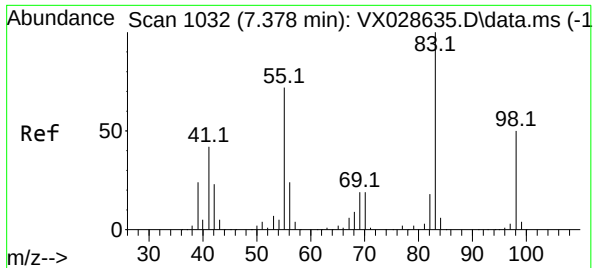
Ion Ratio Lower Upper

117 100

119 97.9 77.3 115.9

121 31.6 24.2 36.2

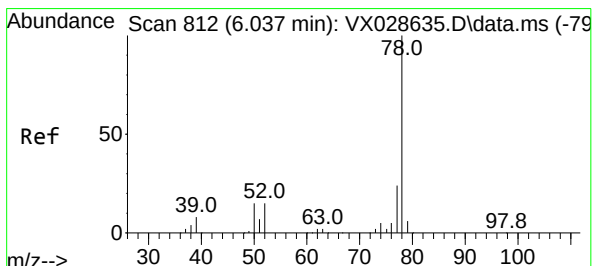
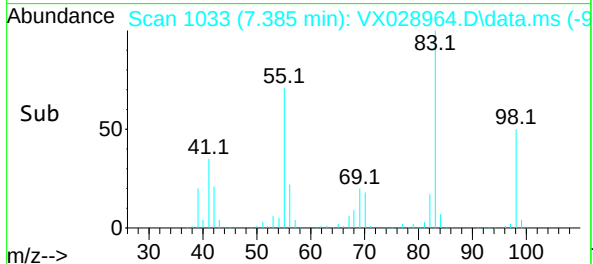
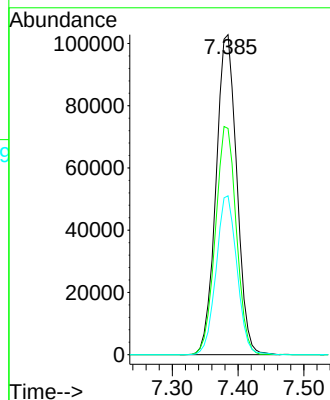
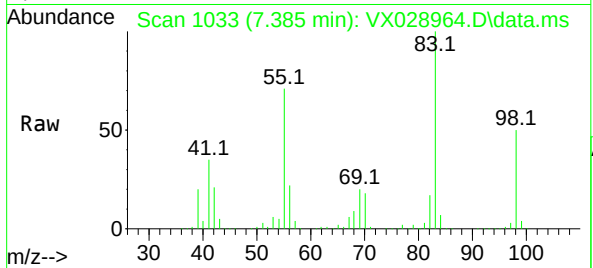




#39  
Methylcyclohexane  
Concen: 47.915 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.007 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

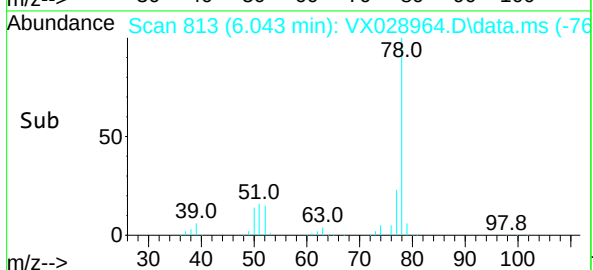
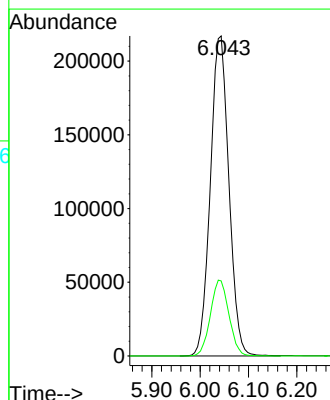
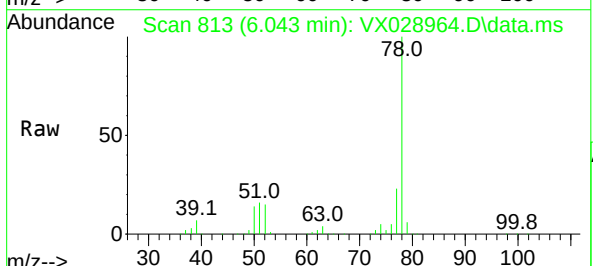
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 226140  
Ion Ratio Lower Upper  
83 100  
55 70.7 54.6 81.8  
98 49.6 37.4 56.2

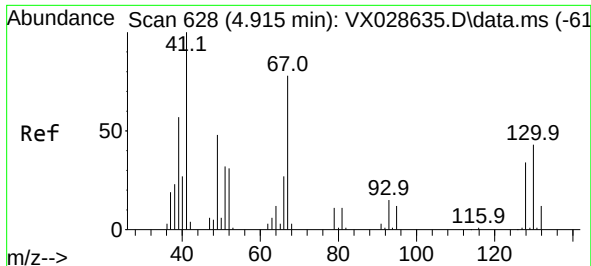


#40  
Benzene  
Concen: 48.809 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. 0.006 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 78 Resp: 577303  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.3 28.9



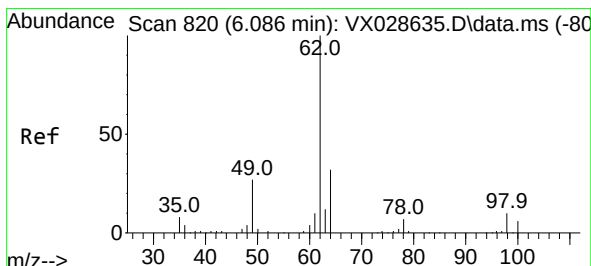
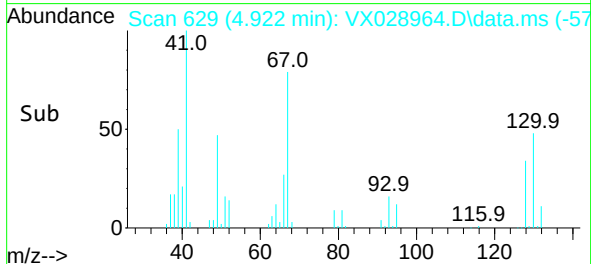
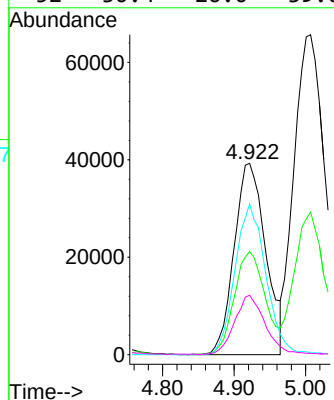
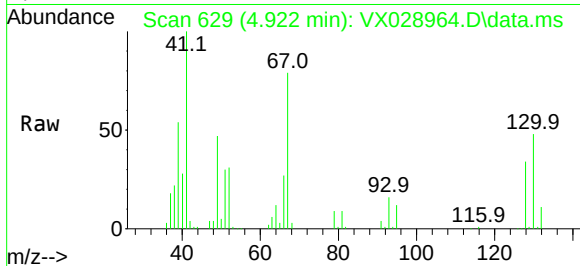




#41  
Methacrylonitrile  
Concen: 52.356 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

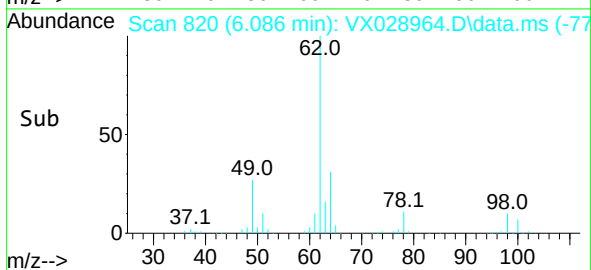
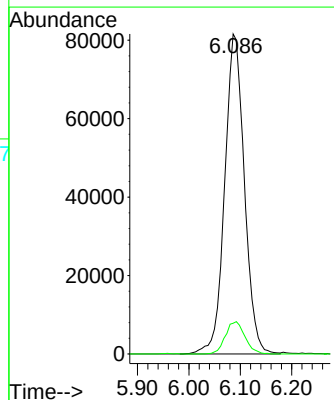
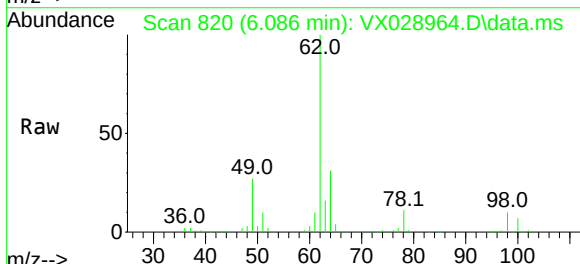
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

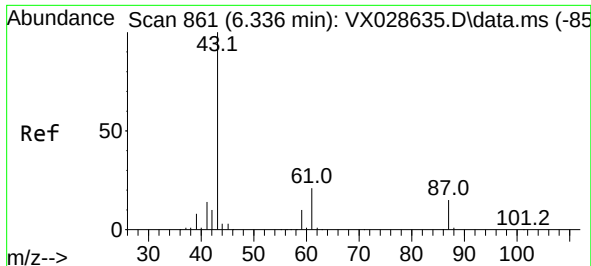
Tgt Ion: 41 Resp: 120669  
Ion Ratio Lower Upper  
41 100  
39 53.1 43.0 64.4  
67 77.3 70.2 105.4  
52 30.4 26.0 39.0



#42  
1,2-Dichloroethane  
Concen: 49.842 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 62 Resp: 217447  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 20.4





#43

Isopropyl Acetate

Concen: 50.094 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

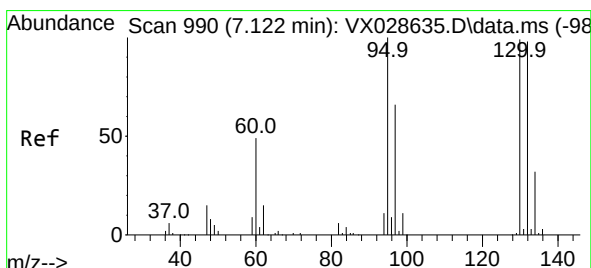
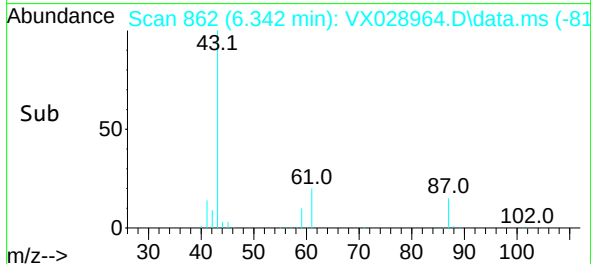
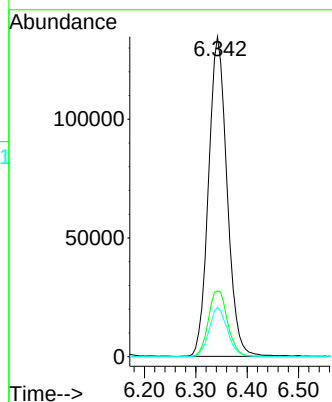
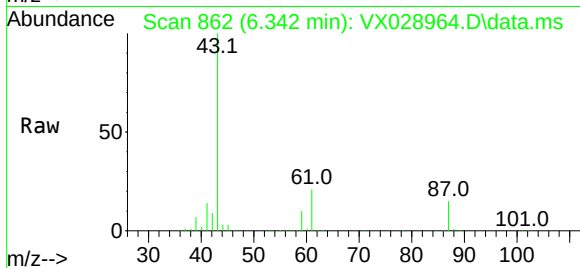
Tgt Ion: 43 Resp: 336872

Ion Ratio Lower Upper

43 100

61 21.6 18.5 27.7

87 15.3 13.0 19.6



#44

Trichloroethene

Concen: 51.106 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX028964.D

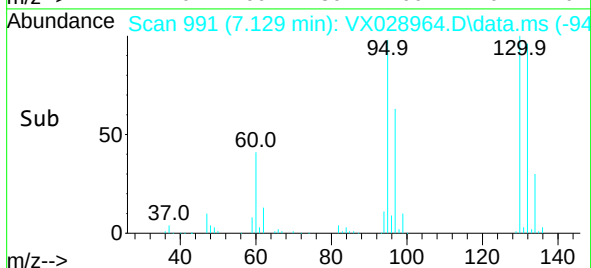
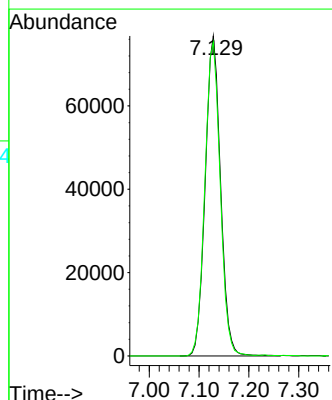
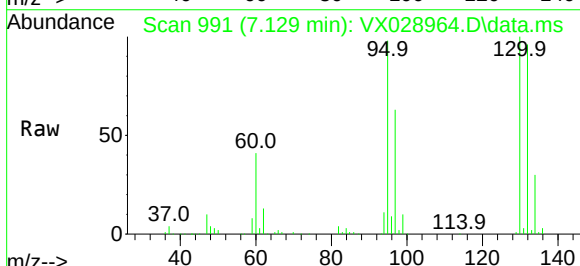
Acq: 25 May 2022 20:30

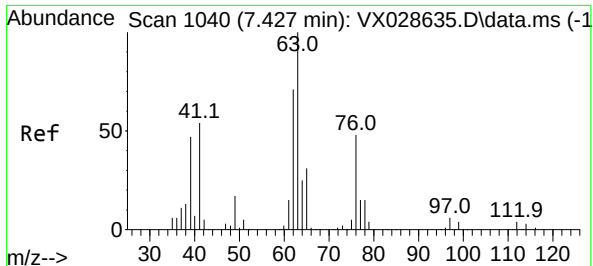
Tgt Ion:130 Resp: 163934

Ion Ratio Lower Upper

130 100

95 98.0 0.0 188.8





#45

1,2-Dichloropropane

Concen: 50.467 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

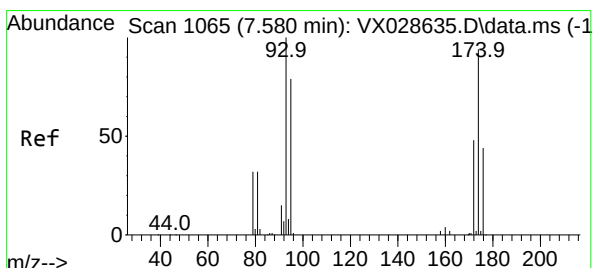
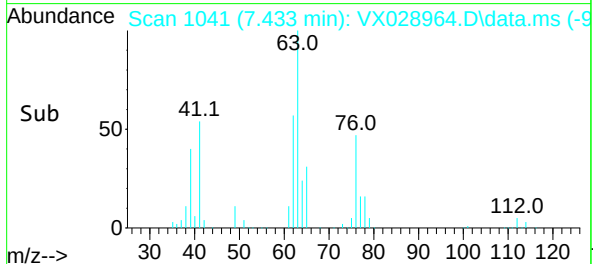
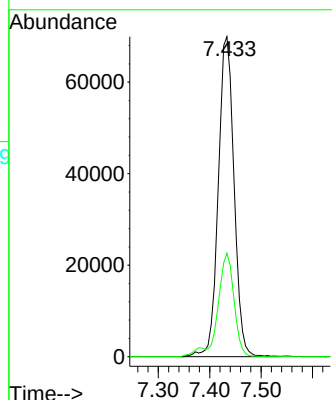
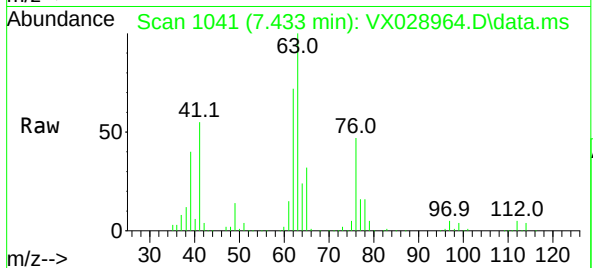
VSTDCCC050EC

Tgt Ion: 63 Resp: 148928

Ion Ratio Lower Upper

63 100

65 32.3 25.8 38.6



#46

Dibromomethane

Concen: 49.953 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

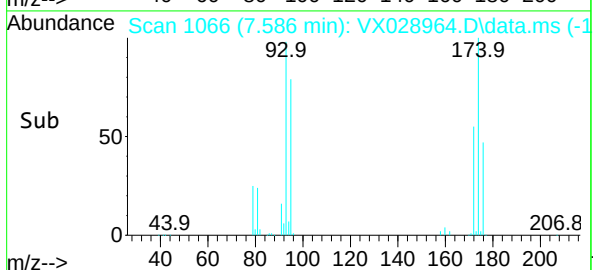
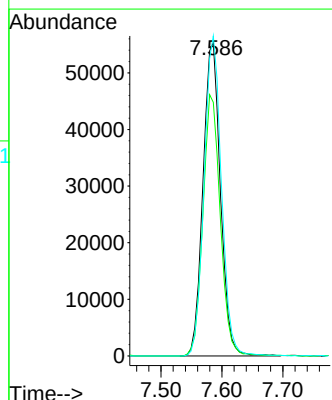
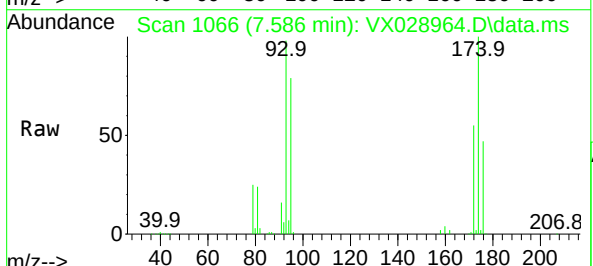
Tgt Ion: 93 Resp: 110086

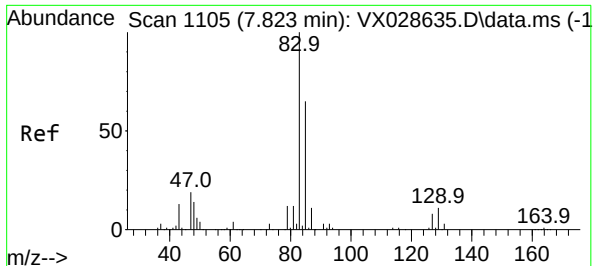
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.6

174 101.6 85.4 128.2

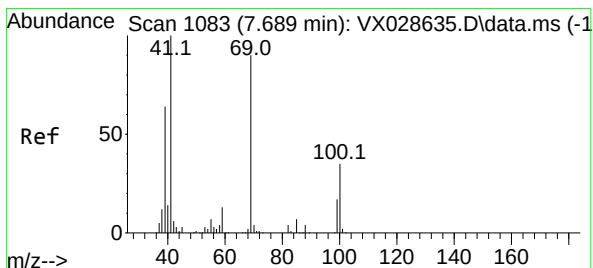
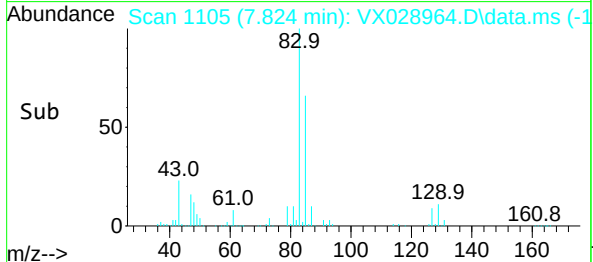
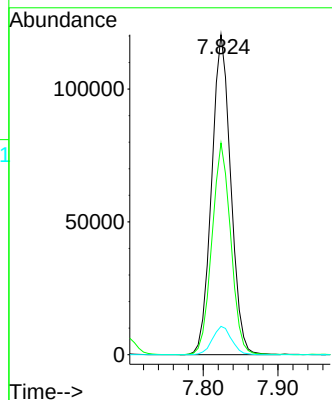
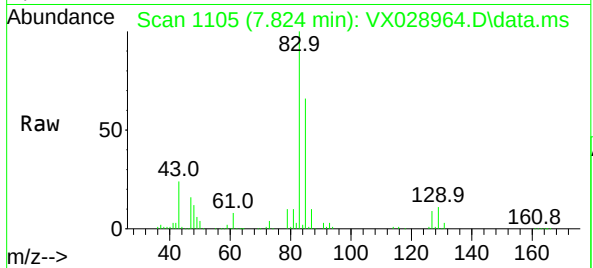




#47  
Bromodichloromethane  
Concen: 52.202 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.001 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

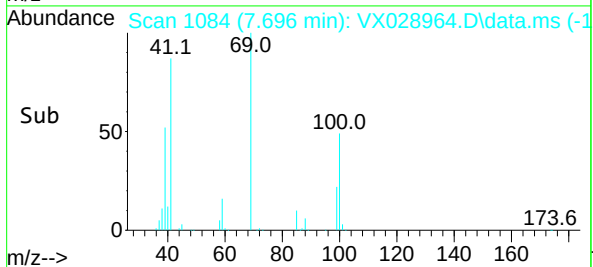
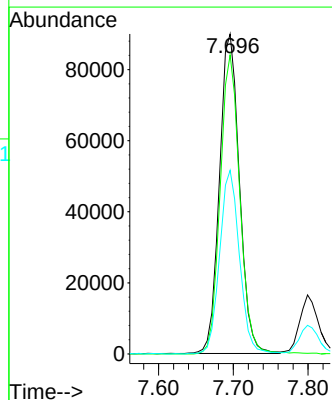
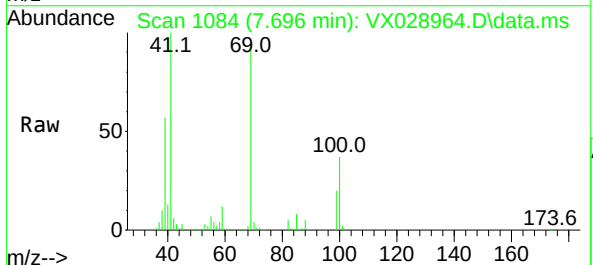
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

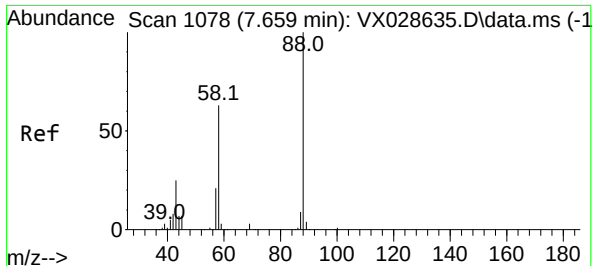
Tgt Ion: 83 Resp: 213585  
Ion Ratio Lower Upper  
83 100  
85 66.1 52.2 78.2  
127 8.8 6.8 10.2



#48  
Methyl methacrylate  
Concen: 51.404 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.007 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 41 Resp: 166987  
Ion Ratio Lower Upper  
41 100  
69 92.4 82.5 123.7  
39 57.3 43.8 65.8





#49

1,4-Dioxane

Concen: 979.974 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

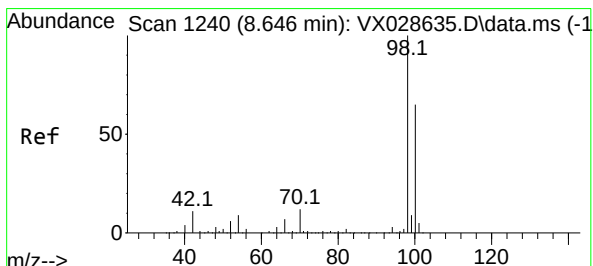
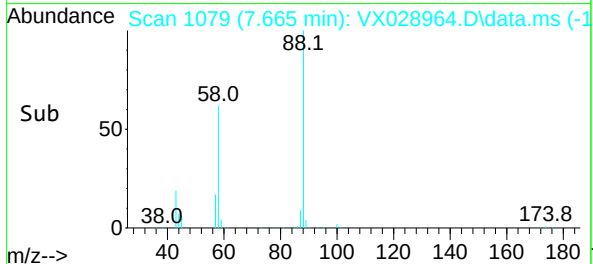
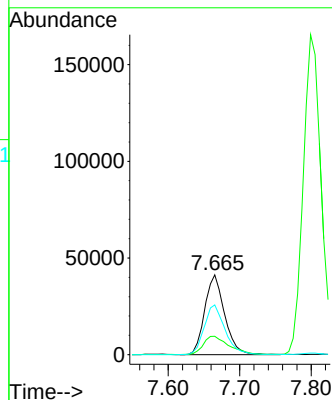
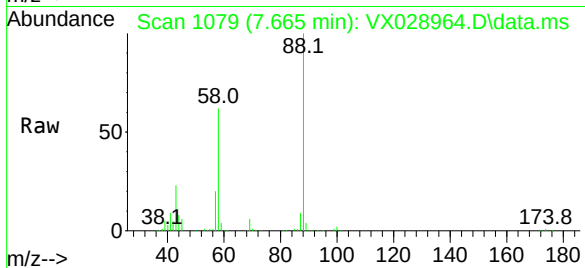
Tgt Ion: 88 Resp: 79530

Ion Ratio Lower Upper

88 100

43 29.7 21.9 32.9

58 65.3 53.7 80.5



#50

Toluene-d8

Concen: 47.358 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028964.D

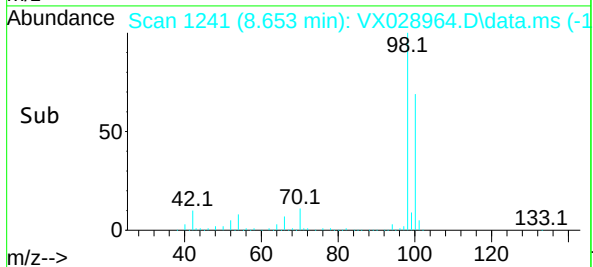
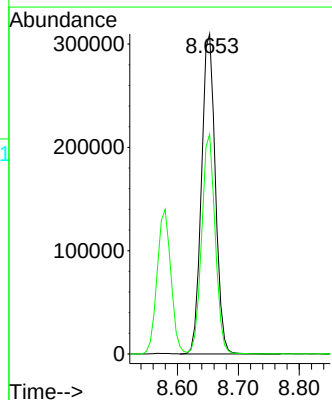
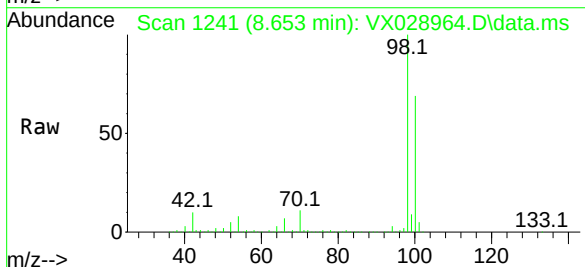
Acq: 25 May 2022 20:30

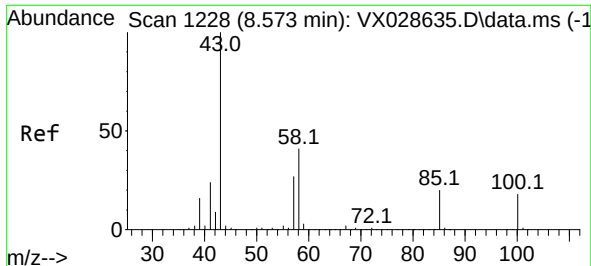
Tgt Ion: 98 Resp: 489224

Ion Ratio Lower Upper

98 100

100 67.1 52.6 78.8

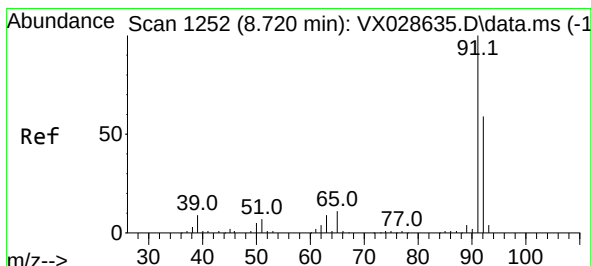
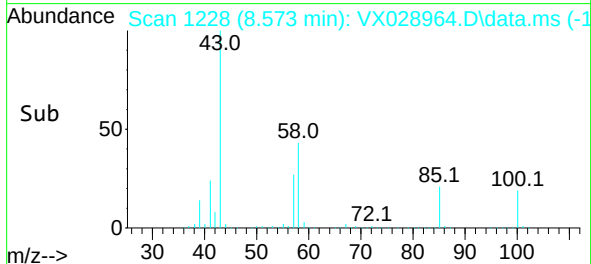
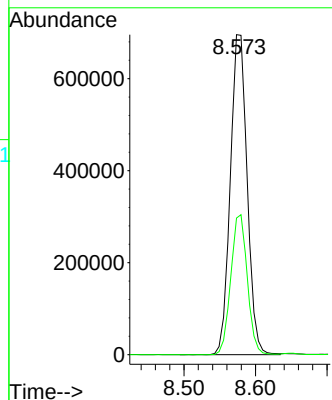
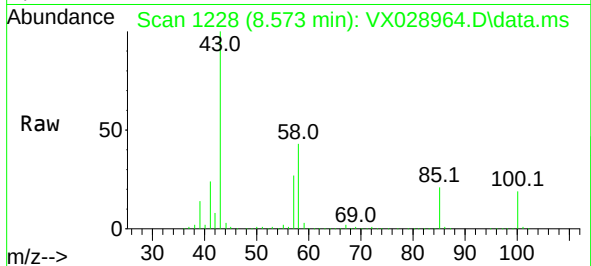




#51  
4-Methyl-2-Pentanone  
Concen: 256.436 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

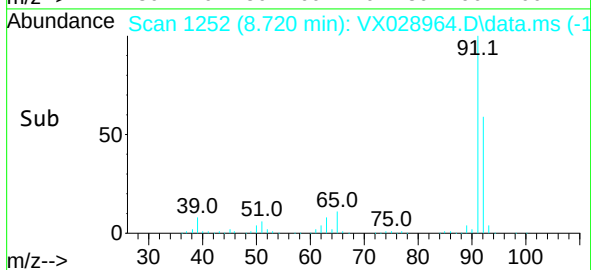
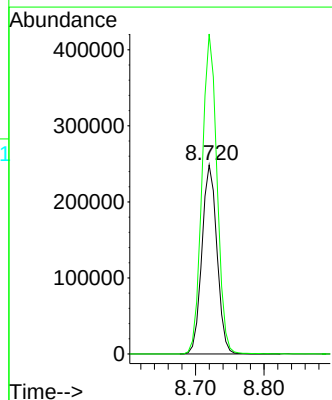
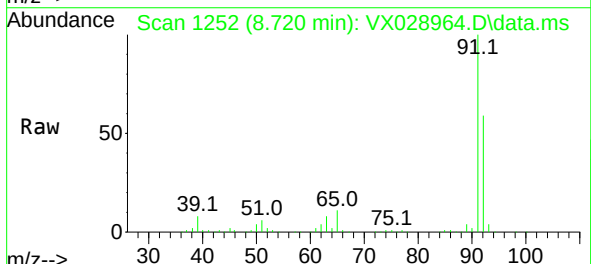
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

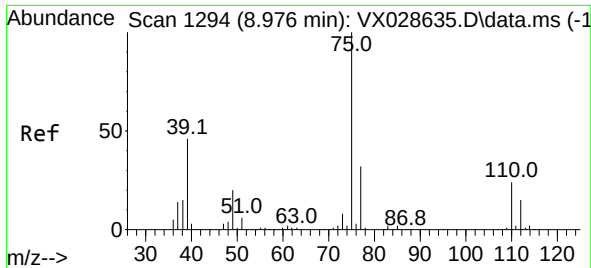
Tgt Ion: 43 Resp: 1135897  
Ion Ratio Lower Upper  
43 100  
58 43.0 36.1 54.1



#52  
Toluene  
Concen: 50.008 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 92 Resp: 380488  
Ion Ratio Lower Upper  
92 100  
91 168.6 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 47.417 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

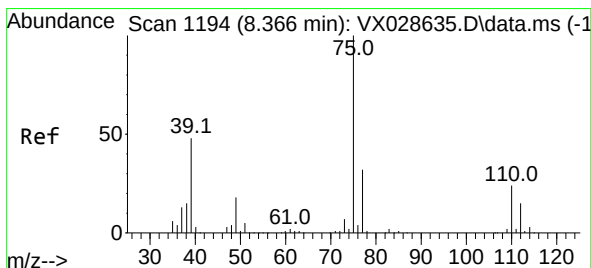
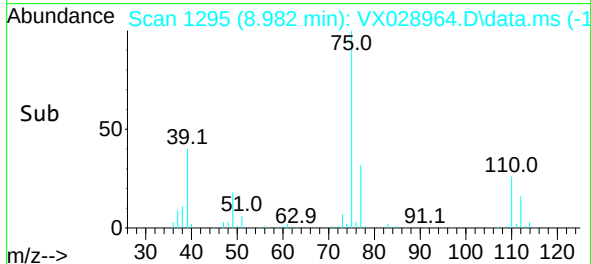
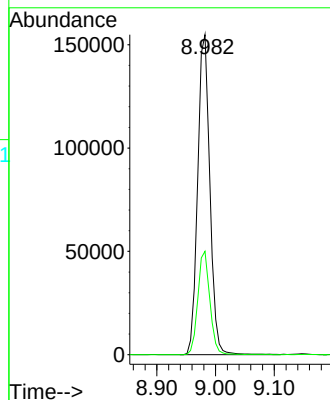
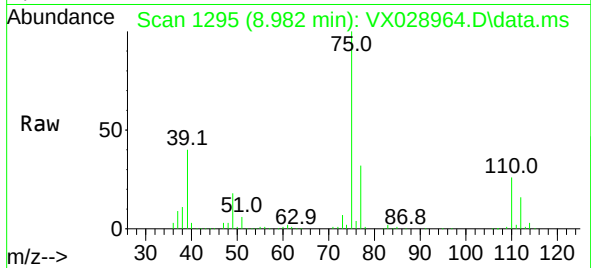
VSTDCCC050EC

Tgt Ion: 75 Resp: 222912

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.732 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

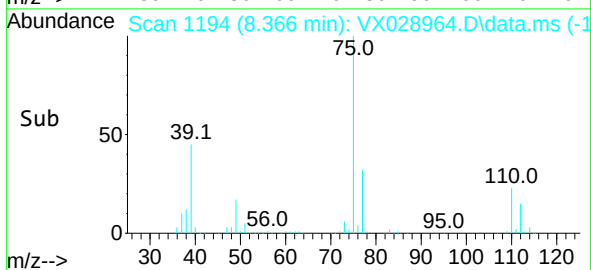
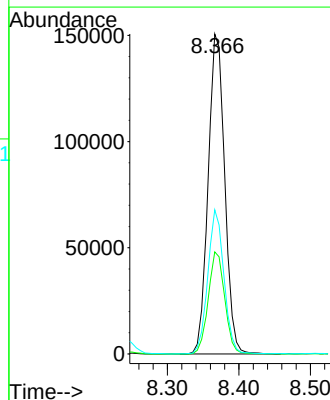
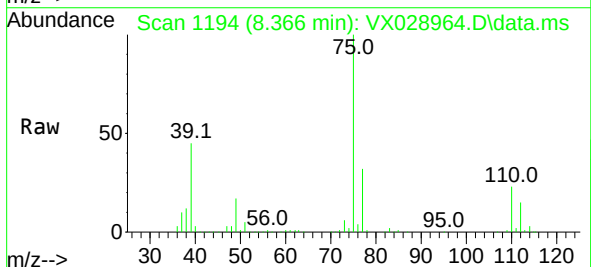
Tgt Ion: 75 Resp: 242767

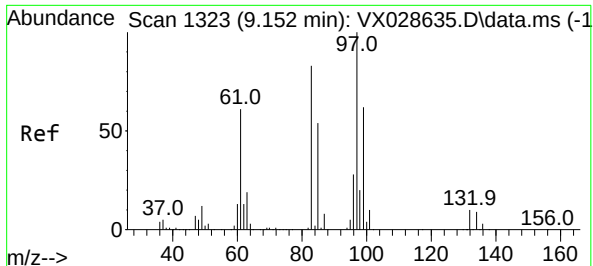
Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 45.0 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 52.867 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 164020

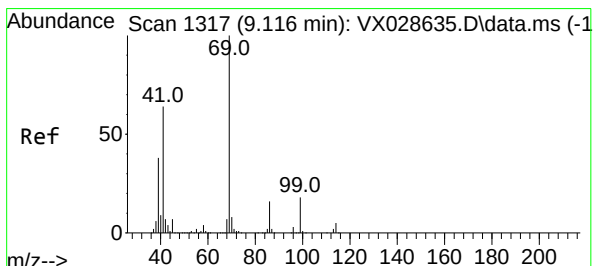
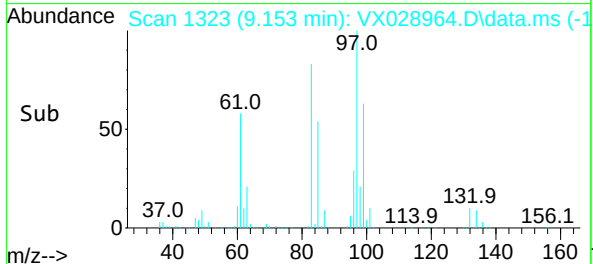
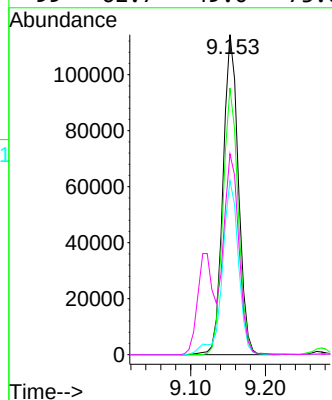
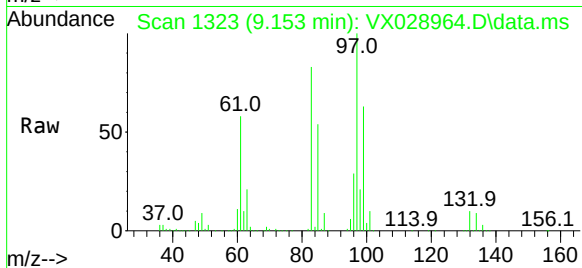
Ion Ratio Lower Upper

97 100

83 83.3 66.2 99.4

85 54.4 42.9 64.3

99 62.7 49.0 73.6



#56

Ethyl methacrylate

Concen: 54.239 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

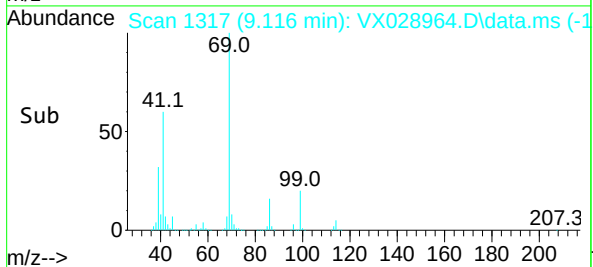
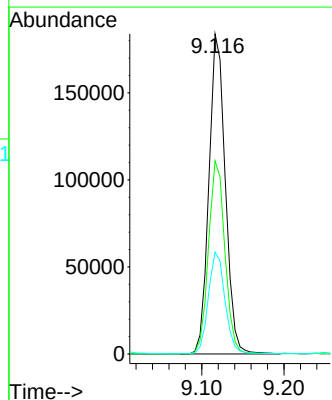
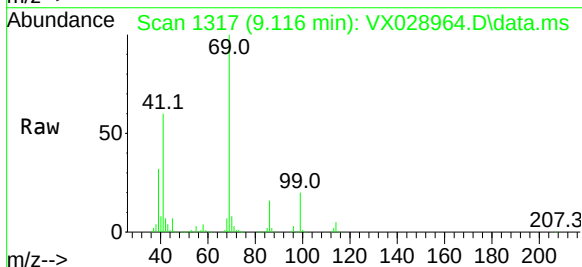
Tgt Ion: 69 Resp: 254831

Ion Ratio Lower Upper

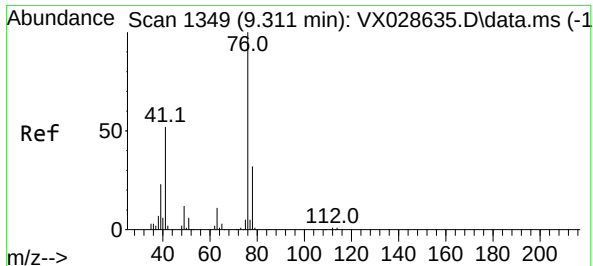
69 100

41 60.4 43.8 65.6

39 32.3 22.2 33.2







#57

1,3-Dichloropropane

Concen: 51.485 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

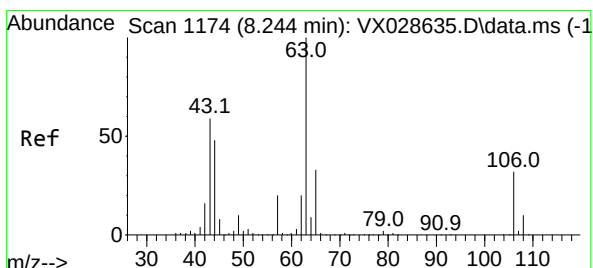
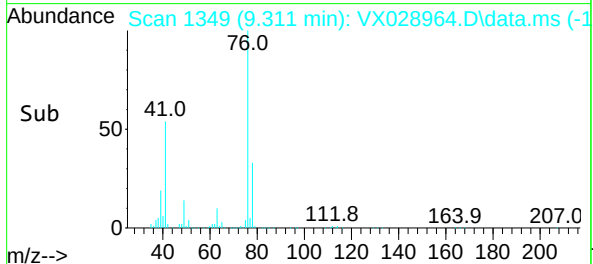
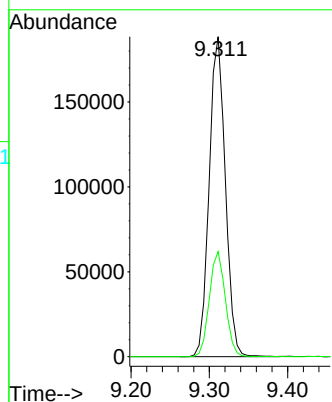
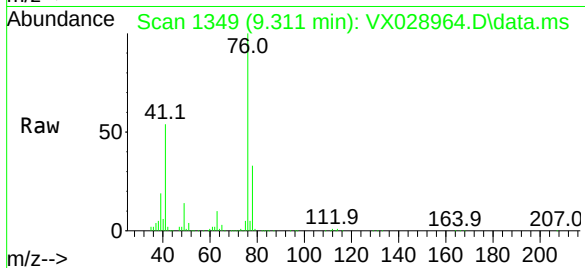
VSTDCCC050EC

Tgt Ion: 76 Resp: 269412

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 247.871 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028964.D

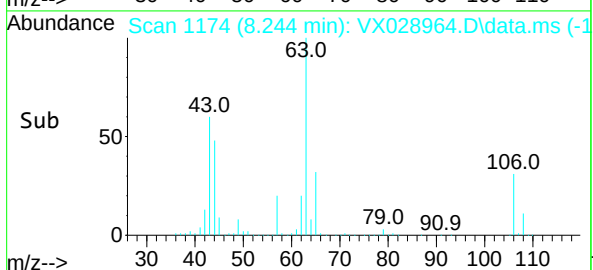
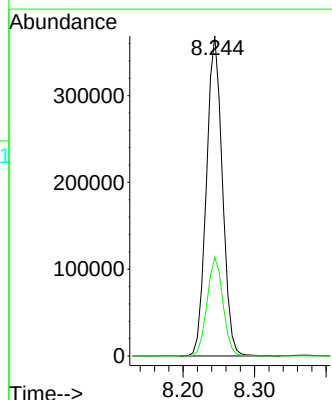
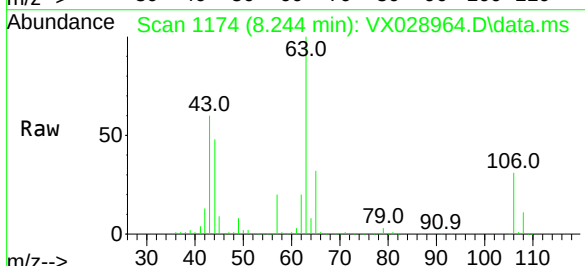
Acq: 25 May 2022 20:30

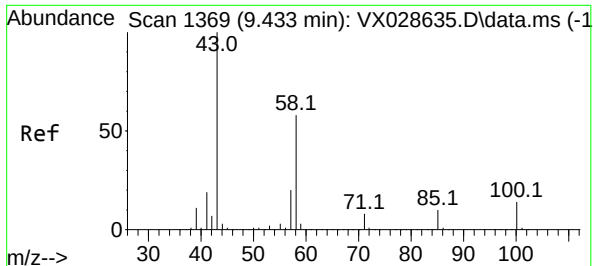
Tgt Ion: 63 Resp: 570153

Ion Ratio Lower Upper

63 100

106 30.7 23.9 35.9





#59

2-Hexanone

Concen: 261.435 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

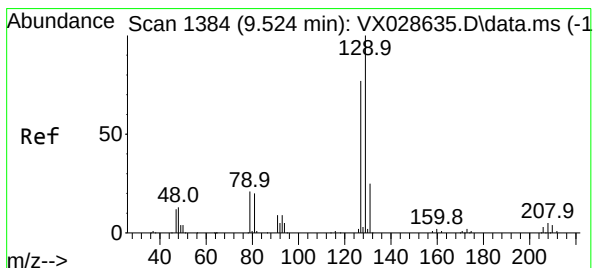
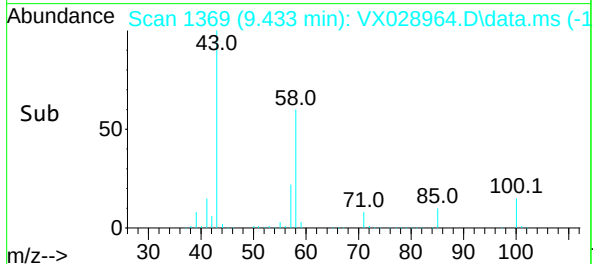
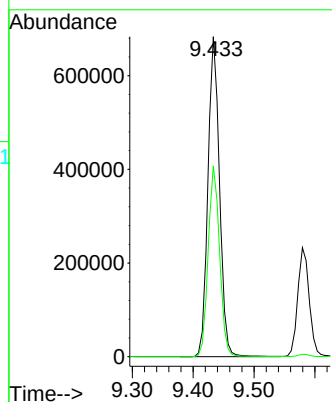
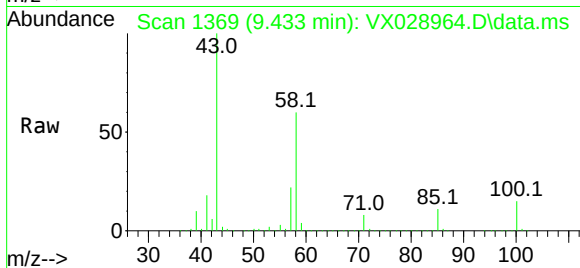
VSTDCCC050EC

Tgt Ion: 43 Resp: 899713

Ion Ratio Lower Upper

43 100

58 59.1 31.9 95.7



#60

Dibromochloromethane

Concen: 56.593 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX028964.D

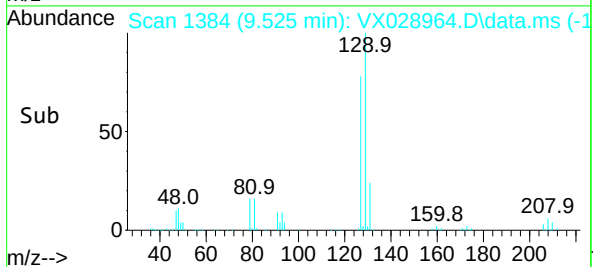
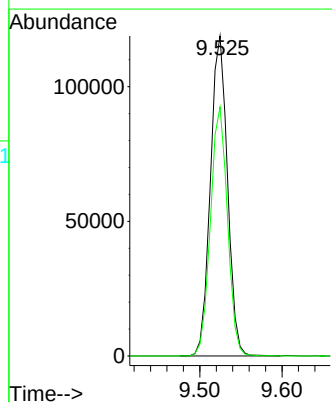
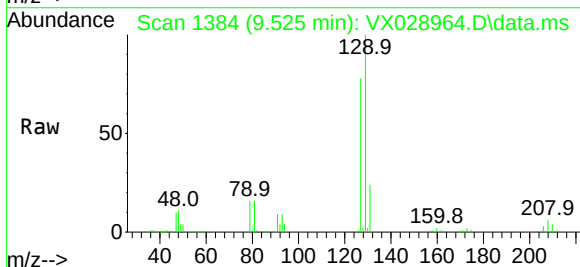
Acq: 25 May 2022 20:30

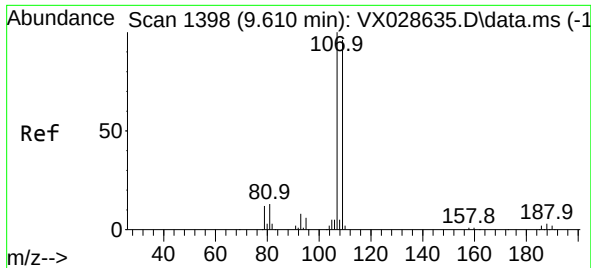
Tgt Ion: 129 Resp: 171238

Ion Ratio Lower Upper

129 100

127 77.6 40.3 120.8

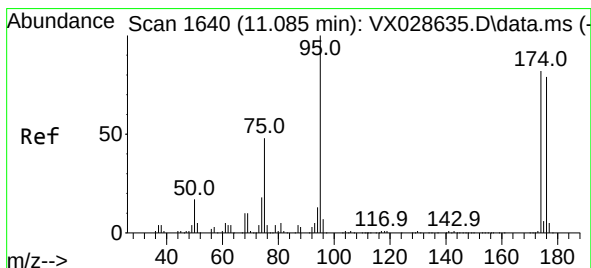
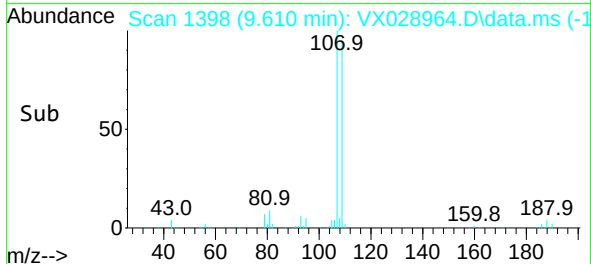
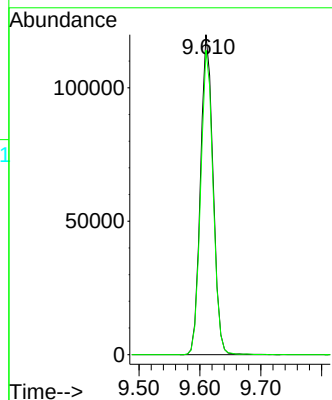
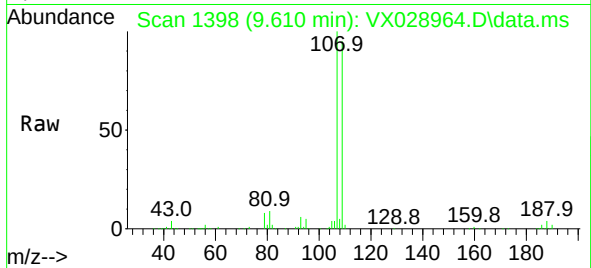




#61  
1,2-Dibromoethane  
Concen: 52.730 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

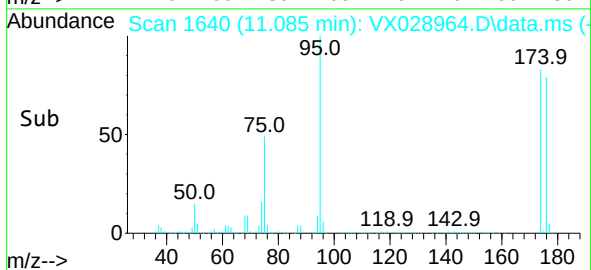
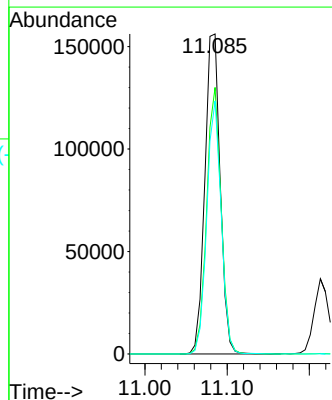
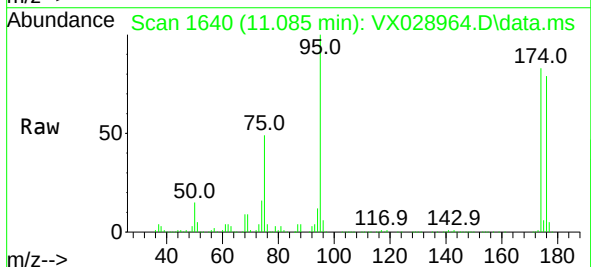
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

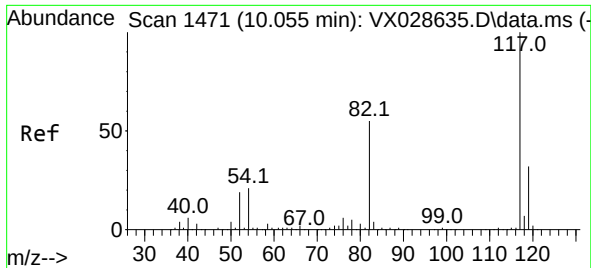
Tgt Ion:107 Resp: 171825  
Ion Ratio Lower Upper  
107 100  
109 94.1 74.4 111.6



#62  
4-Bromofluorobenzene  
Concen: 52.401 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 95 Resp: 202185  
Ion Ratio Lower Upper  
95 100  
174 78.6 0.0 163.0  
176 74.2 0.0 155.0

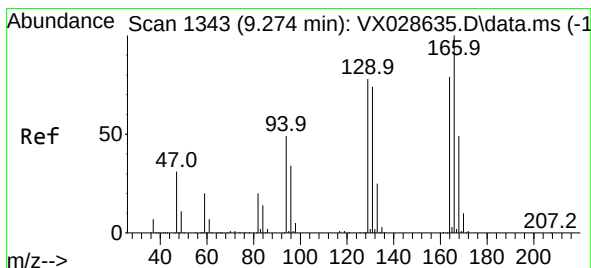
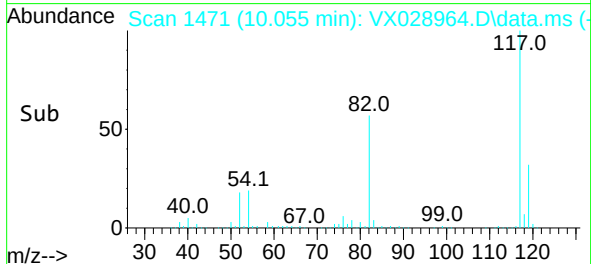
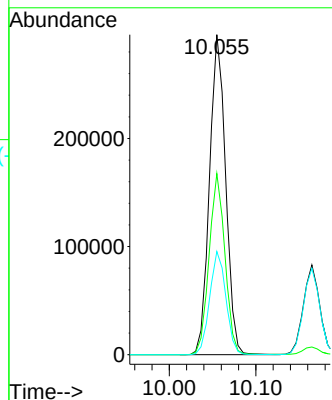
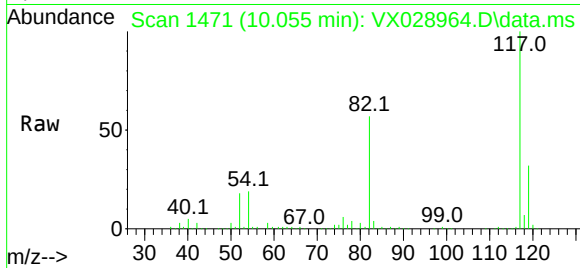




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

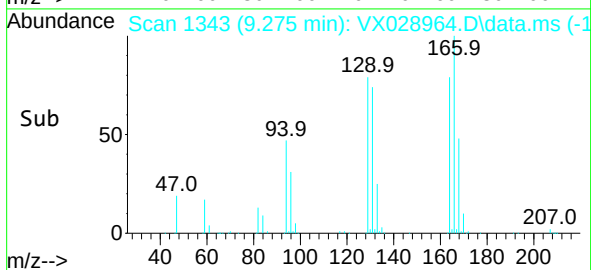
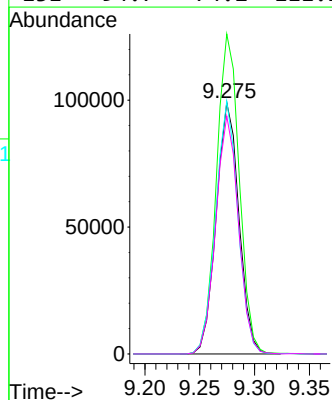
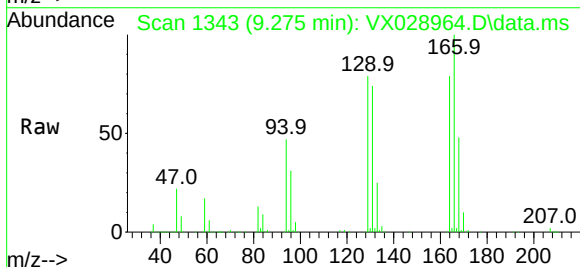
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

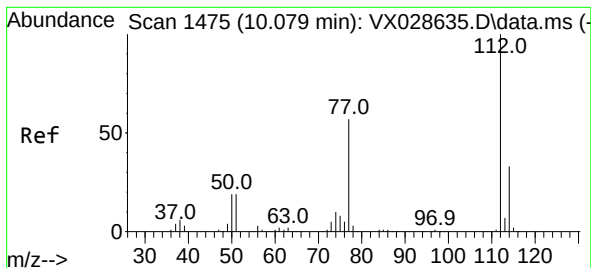
Tgt Ion:117 Resp: 383455  
Ion Ratio Lower Upper  
117 100  
82 56.6 41.8 62.8  
119 32.3 24.8 37.2



#64  
Tetrachloroethene  
Concen: 49.360 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion:164 Resp: 142931  
Ion Ratio Lower Upper  
164 100  
166 127.3 101.2 151.8  
129 100.6 73.0 109.4  
131 94.7 74.2 111.2





#65

Chlorobenzene

Concen: 52.262 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

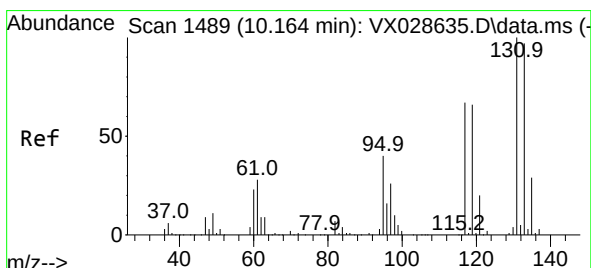
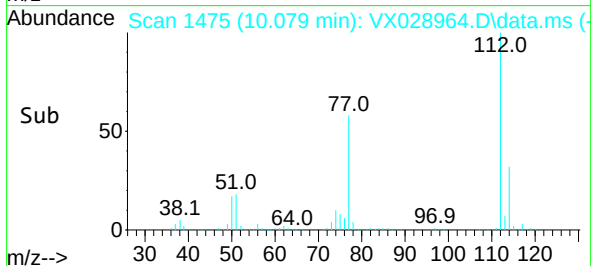
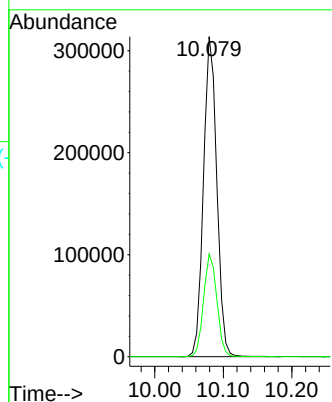
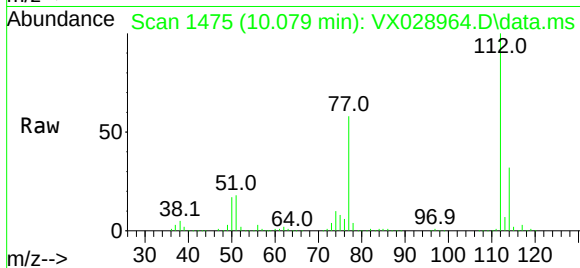
VSTDCCC050EC

Tgt Ion:112 Resp: 425142

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 55.603 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.001 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

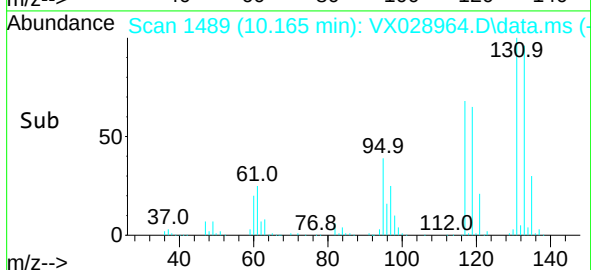
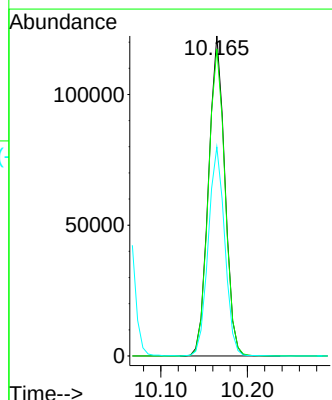
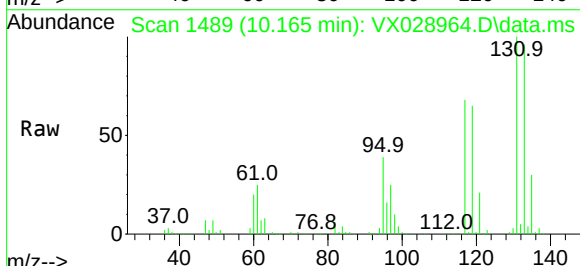
Tgt Ion:131 Resp: 160227

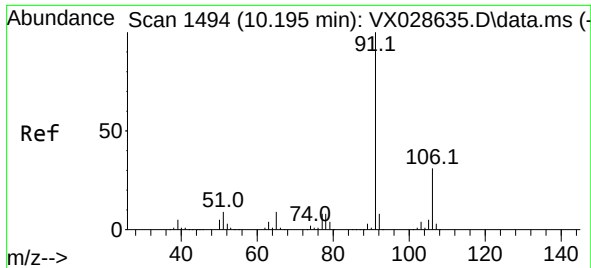
Ion Ratio Lower Upper

131 100

133 97.7 48.3 144.8

119 65.9 32.6 98.0

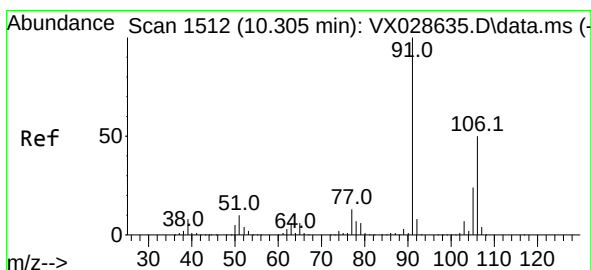
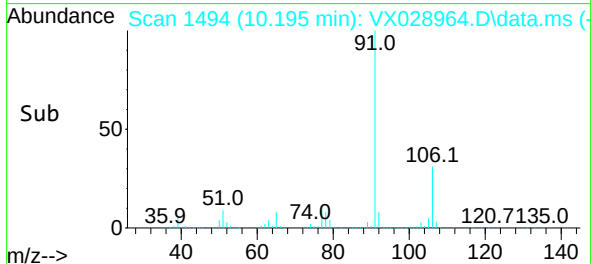
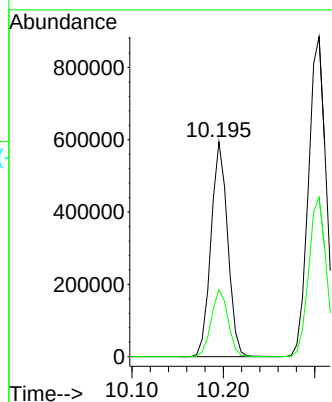
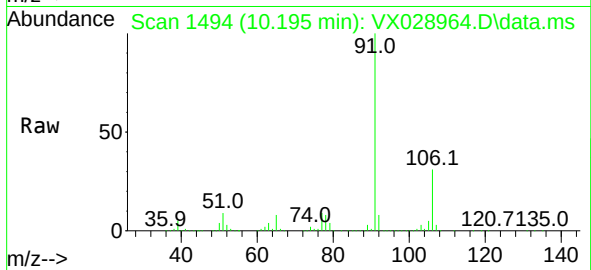




#67  
Ethyl Benzene  
Concen: 51.511 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

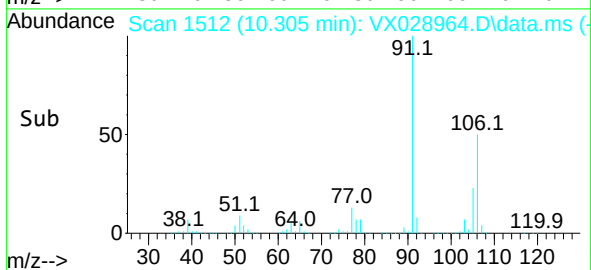
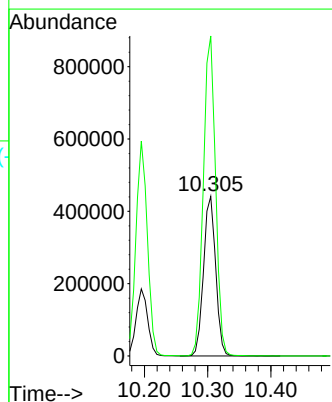
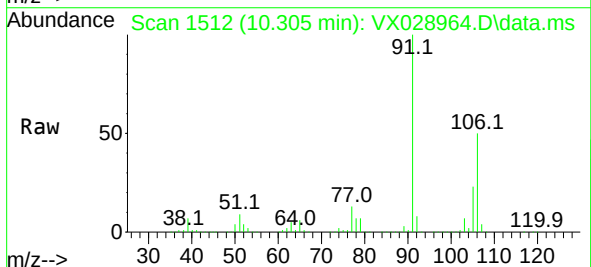
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

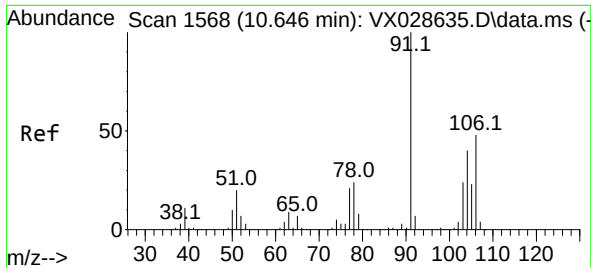
Tgt Ion: 91 Resp: 751069  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.6 36.8



#68  
m/p-Xylenes  
Concen: 103.868 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 106 Resp: 589622  
Ion Ratio Lower Upper  
106 100  
91 201.9 160.4 240.6

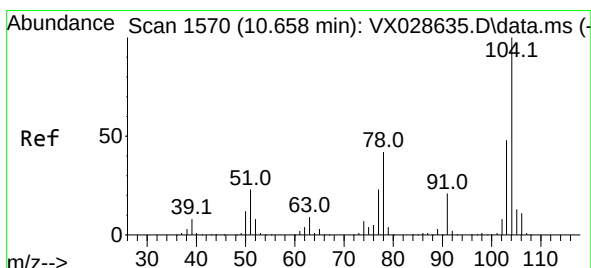
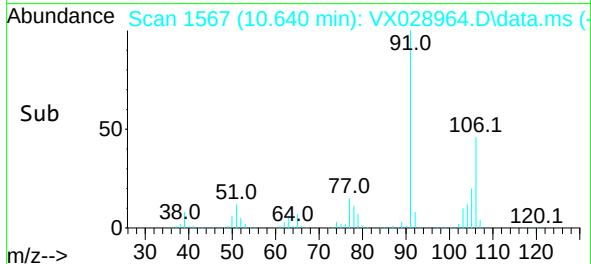
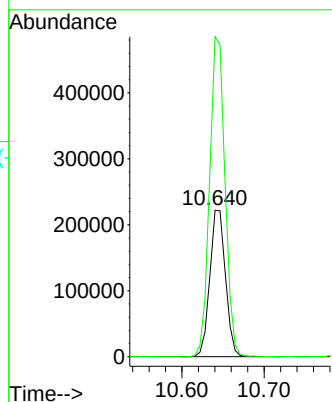
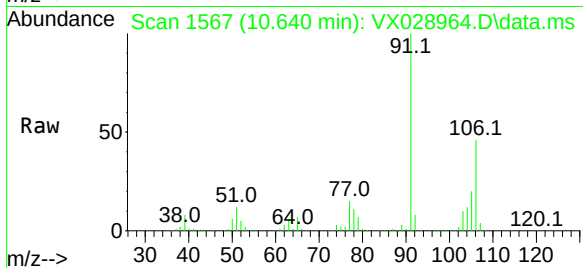




#69  
o-Xylene  
Concen: 52.540 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

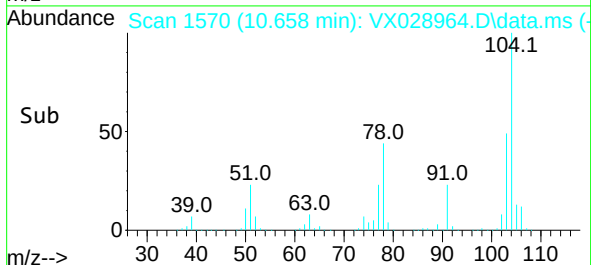
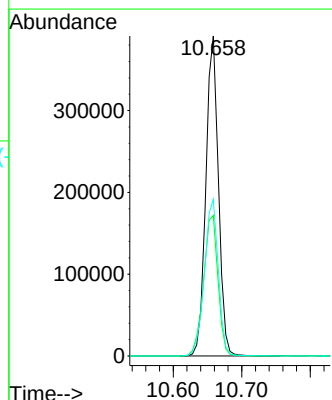
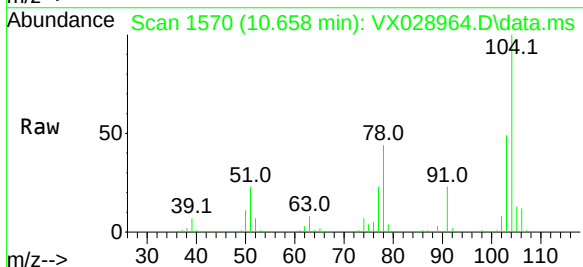
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

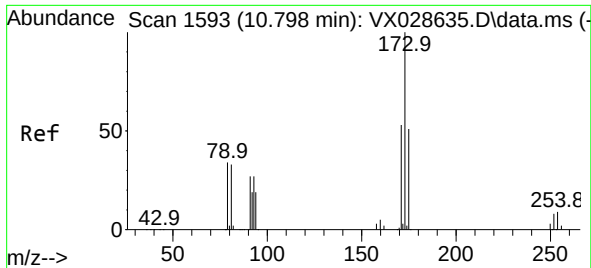
Tgt Ion:106 Resp: 293644  
Ion Ratio Lower Upper  
106 100  
91 215.2 106.1 318.1



#70  
Styrene  
Concen: 55.255 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion:104 Resp: 501505  
Ion Ratio Lower Upper  
104 100  
78 50.4 38.6 57.8  
103 54.0 43.8 65.8

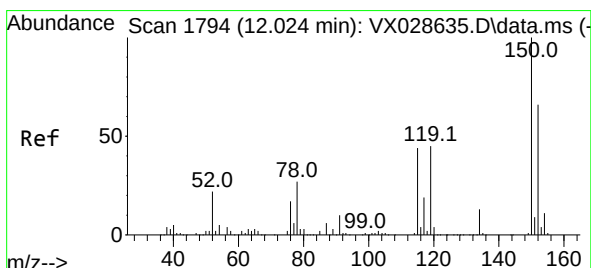
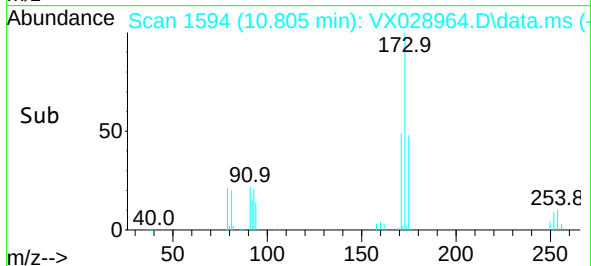
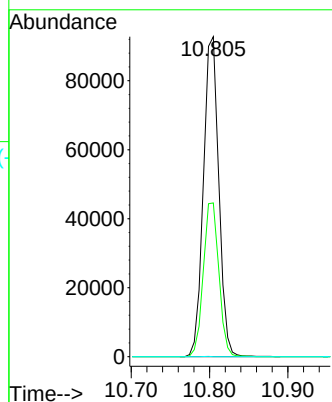
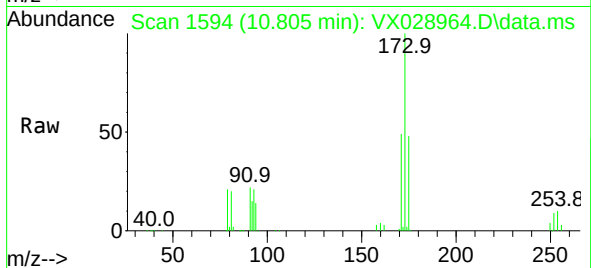




#71  
Bromoform  
Concen: 52.900 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.007 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

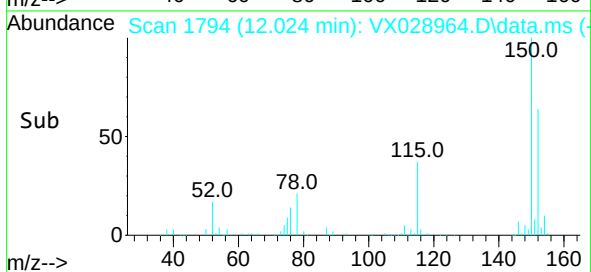
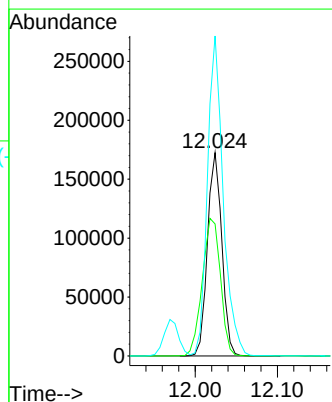
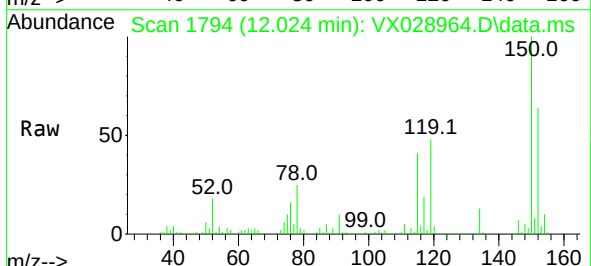
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 126591  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.1 72.2  
254 0.0 0.1 0.1#

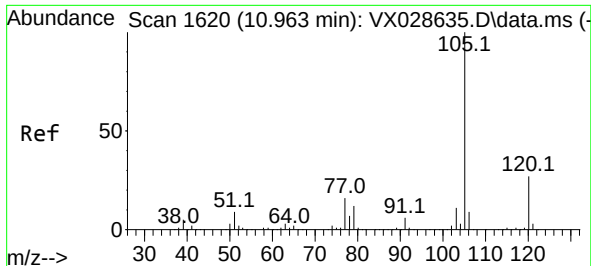


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion:152 Resp: 209397  
Ion Ratio Lower Upper  
152 100  
115 85.8 37.5 112.7  
150 172.6 0.0 338.2



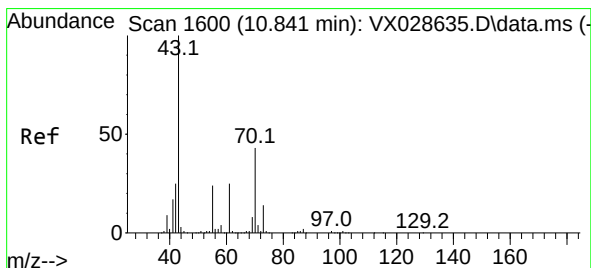
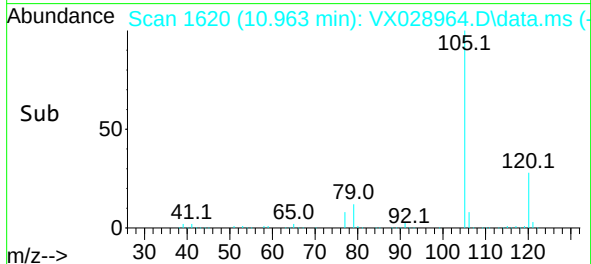
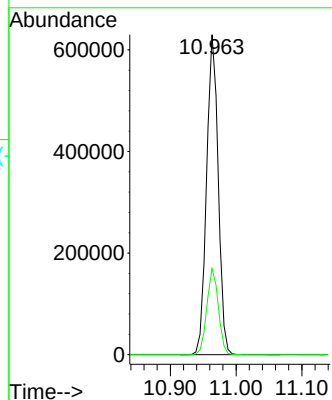
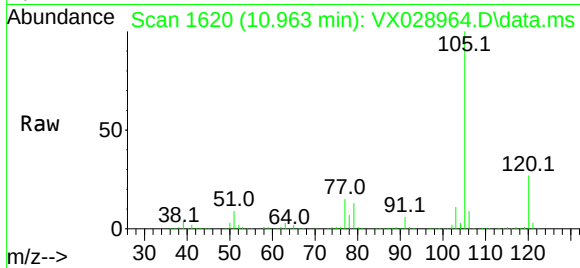




#73  
Isopropylbenzene  
Concen: 48.676 ug/l  
RT: 10.963 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

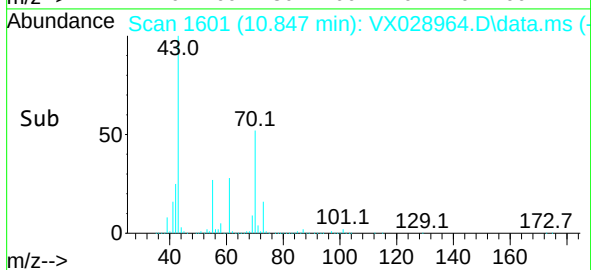
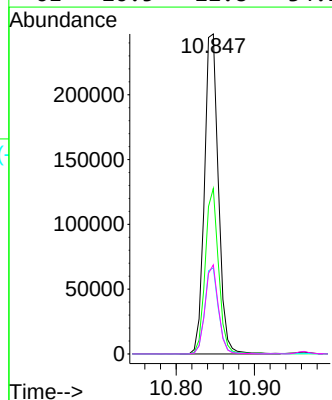
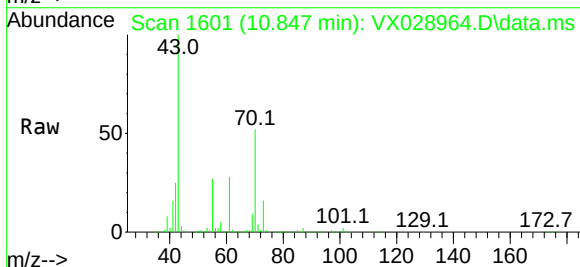
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

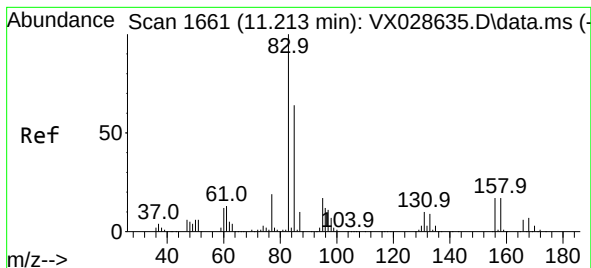
Tgt Ion:105 Resp: 772954  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.5 40.5



#74  
N-ethyl acetate  
Concen: 48.874 ug/l  
RT: 10.847 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 43 Resp: 305079  
Ion Ratio Lower Upper  
43 100  
70 49.2 42.5 63.7  
55 26.7 23.1 34.7  
61 26.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.413 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

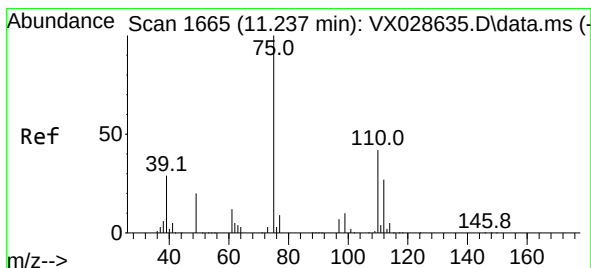
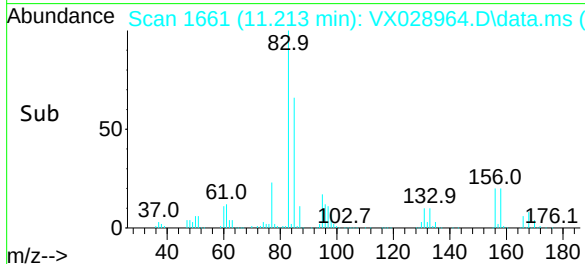
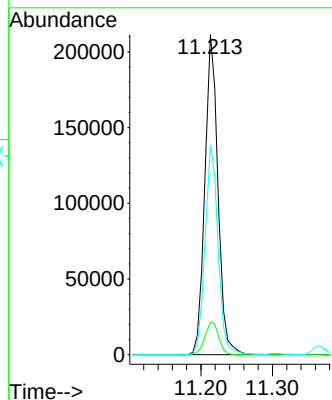
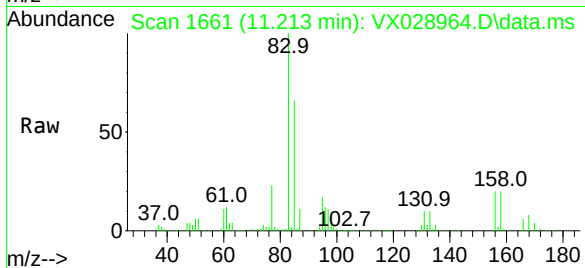
Tgt Ion: 83 Resp: 269185

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 65.4 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 61.020 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.007 min

Lab File: VX028964.D

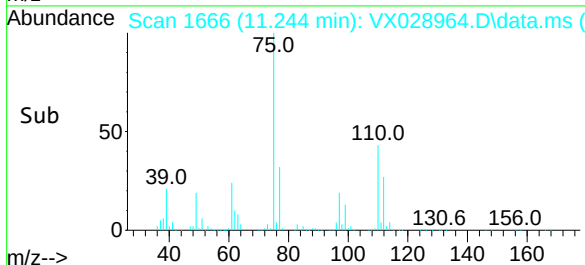
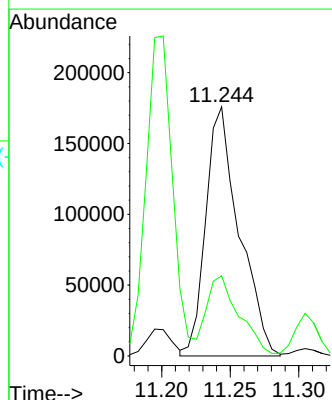
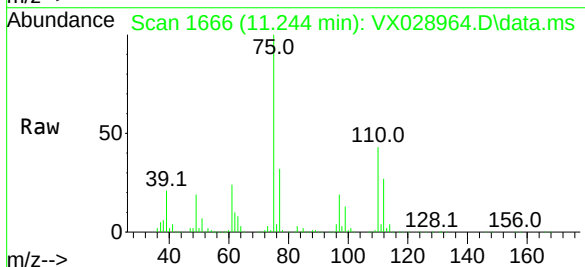
Acq: 25 May 2022 20:30

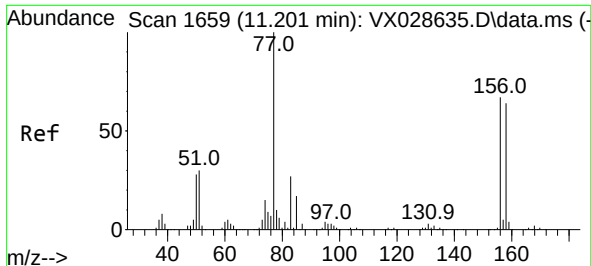
Tgt Ion: 75 Resp: 299232

Ion Ratio Lower Upper

75 100

77 31.0 19.4 58.2

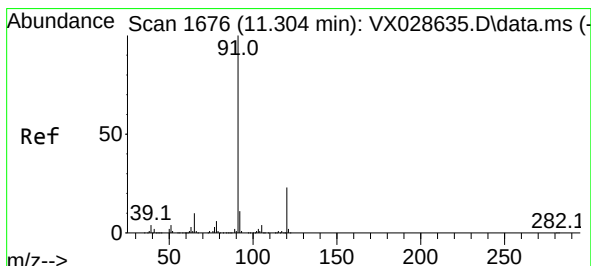
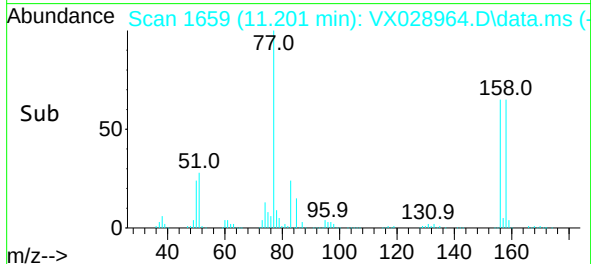
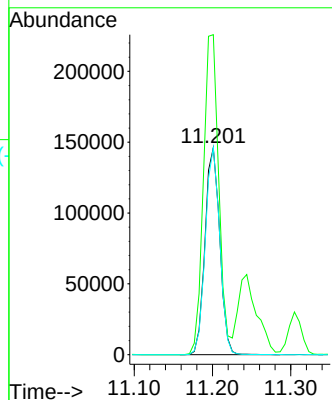
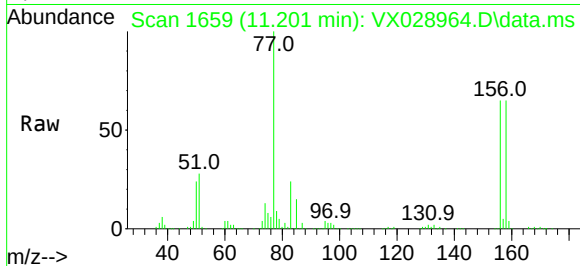




#77  
Bromobenzene  
Concen: 50.704 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

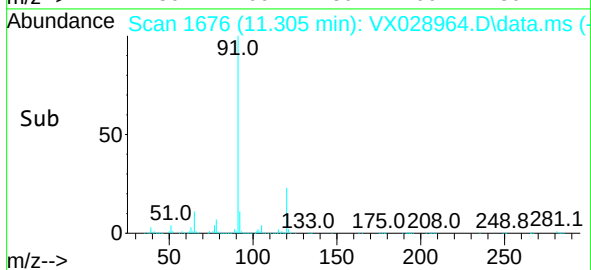
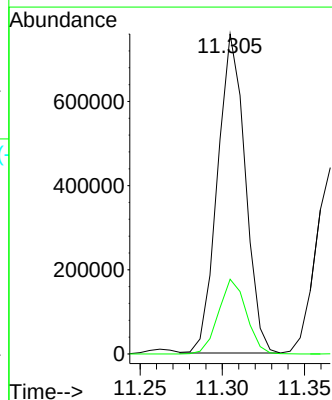
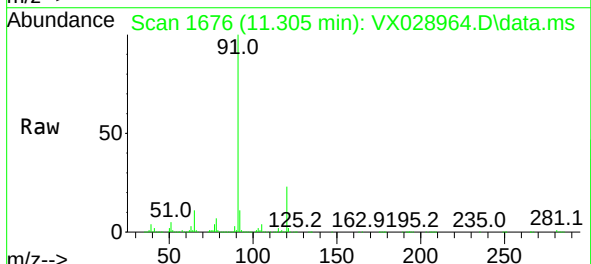
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

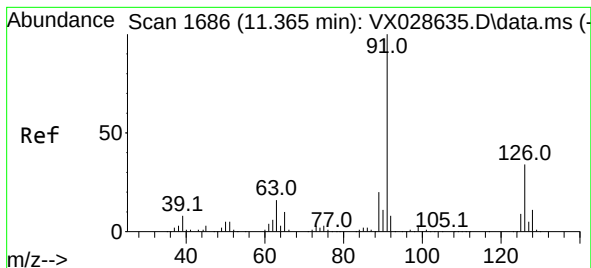
Tgt Ion:156 Resp: 190510  
Ion Ratio Lower Upper  
156 100  
77 161.6 78.5 235.3  
158 98.0 50.2 150.7



#78  
n-propylbenzene  
Concen: 48.364 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.001 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 91 Resp: 888376  
Ion Ratio Lower Upper  
91 100  
120 23.5 11.6 34.8





#79

2-Chlorotoluene

Concen: 49.064 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

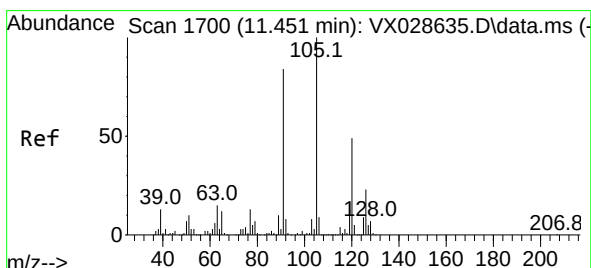
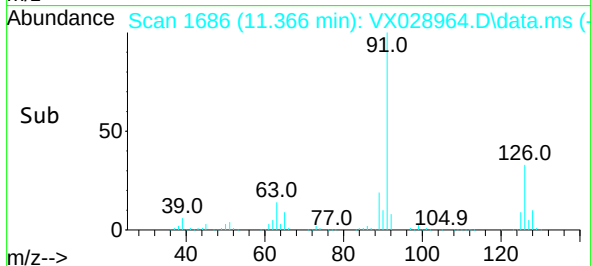
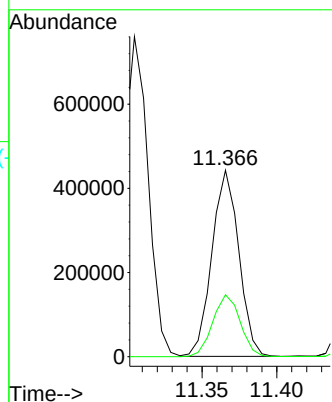
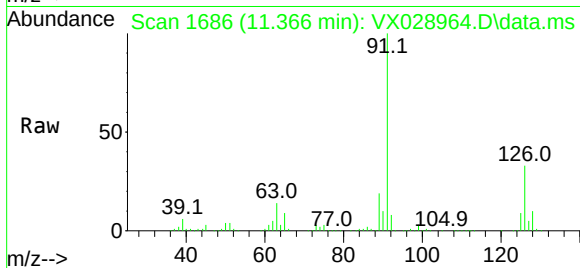
VSTDCCC050EC

Tgt Ion: 91 Resp: 552370

Ion Ratio Lower Upper

91 100

126 33.9 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 50.567 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX028964.D

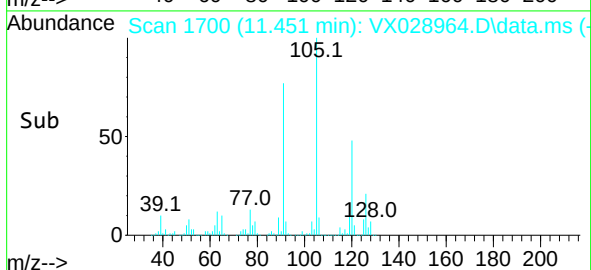
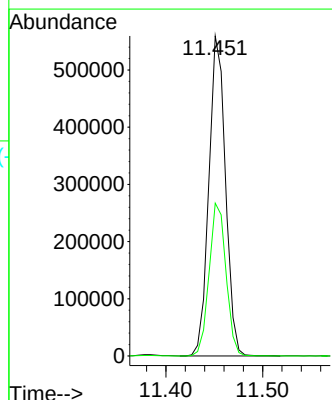
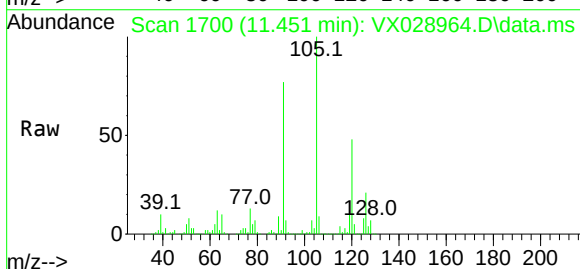
Acq: 25 May 2022 20:30

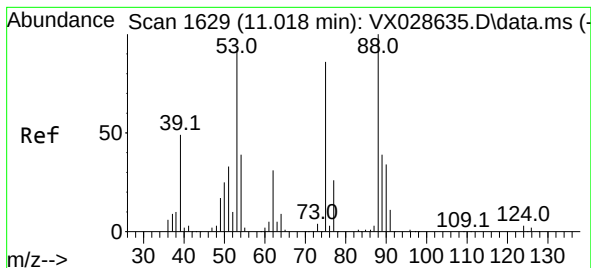
Tgt Ion: 105 Resp: 669086

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.9



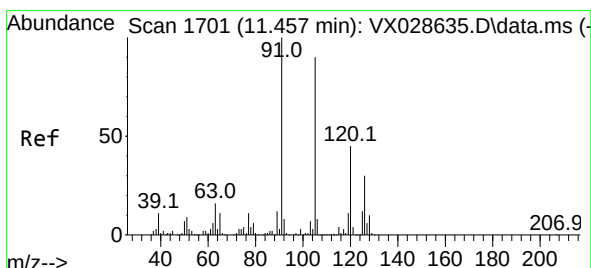
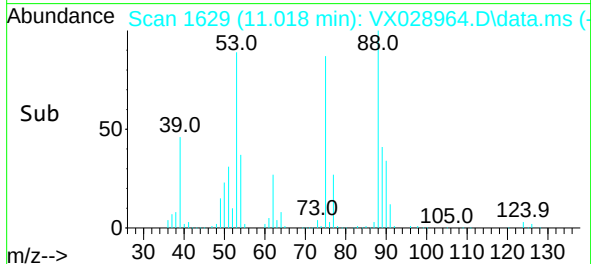
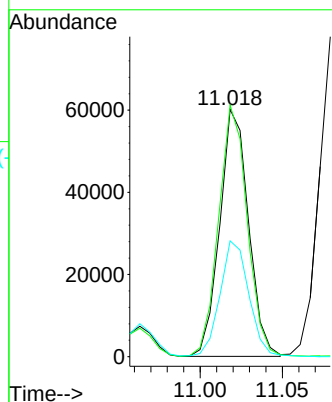
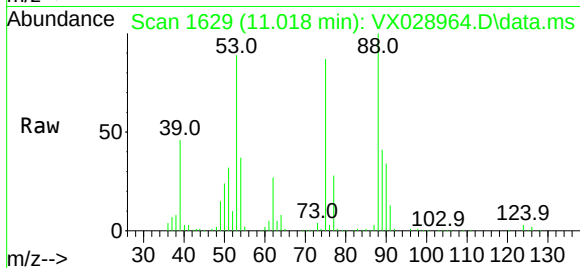


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 44.827 ug/l  
 RT: 11.018 min Scan# 1629  
 Delta R.T. 0.000 min  
 Lab File: VX028964.D  
 Acq: 25 May 2022 20:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 75 Resp: 72973  

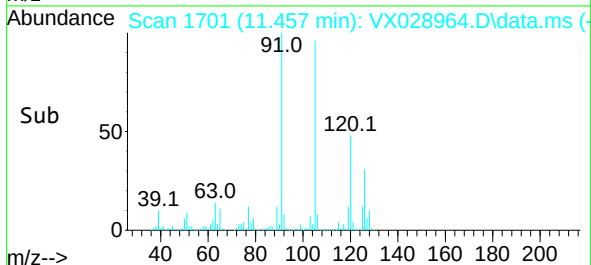
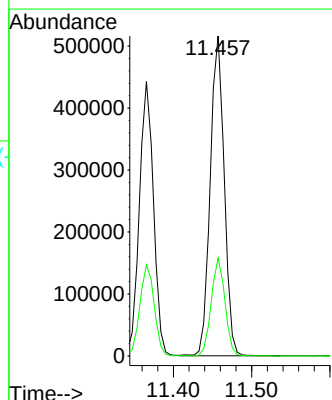
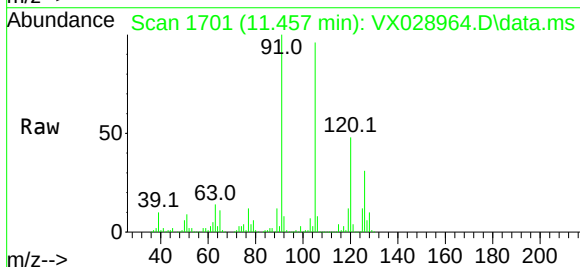
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 101.0 | 69.0  | 103.4 |
| 89  | 47.3  | 37.0  | 55.6  |

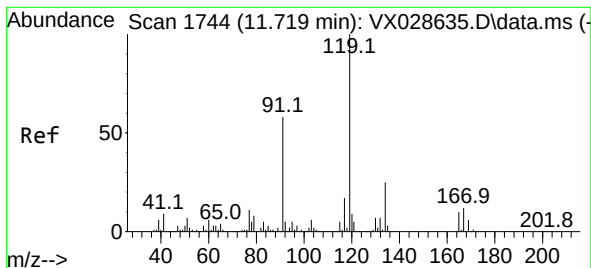


#82  
 4-Chlorotoluene  
 Concen: 49.055 ug/l  
 RT: 11.457 min Scan# 1701  
 Delta R.T. 0.000 min  
 Lab File: VX028964.D  
 Acq: 25 May 2022 20:30

Tgt Ion: 91 Resp: 638453  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 29.9  | 14.9  | 44.5  |





#83

tert-Butylbenzene

Concen: 52.537 ug/l

RT: 11.719 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

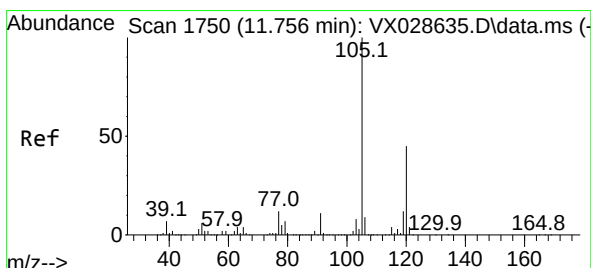
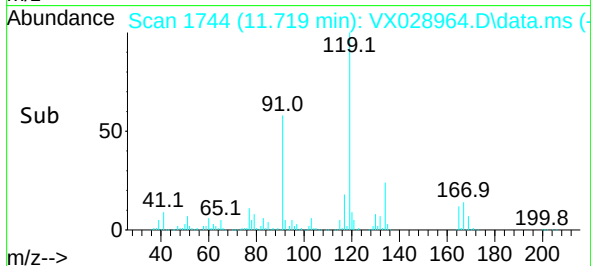
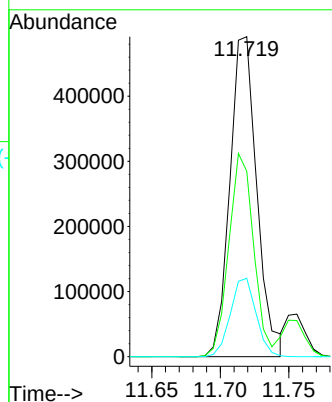
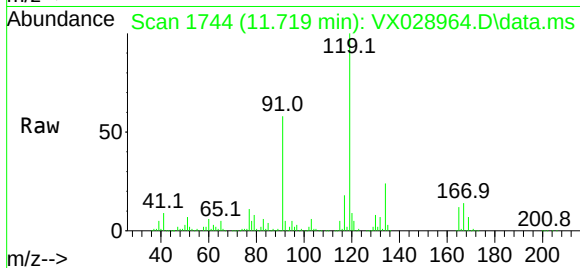
Tgt Ion:119 Resp: 673056

Ion Ratio Lower Upper

119 100

91 58.3 26.9 80.6

134 23.4 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 50.421 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028964.D

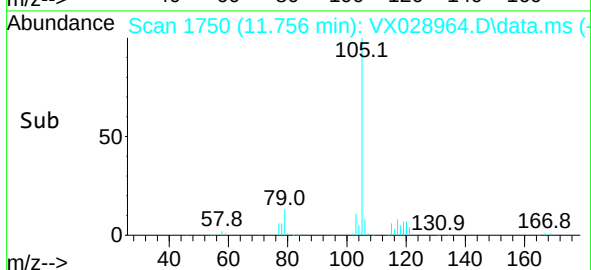
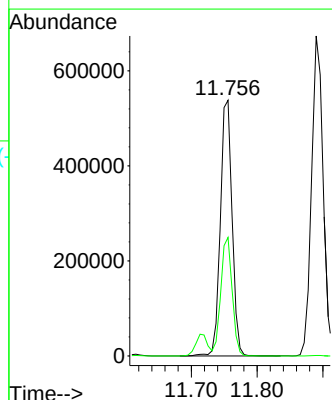
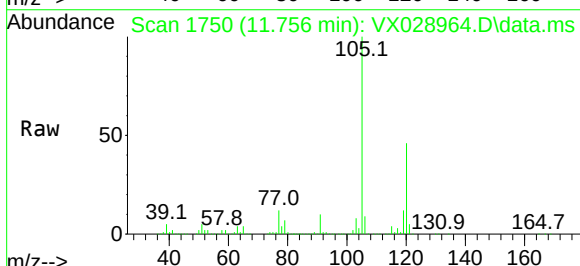
Acq: 25 May 2022 20:30

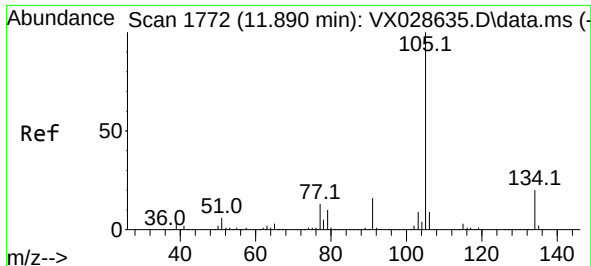
Tgt Ion:105 Resp: 669008

Ion Ratio Lower Upper

105 100

120 44.8 22.6 67.8

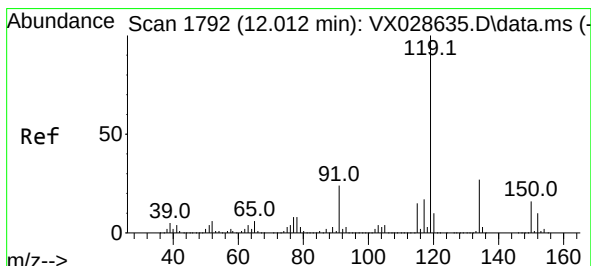
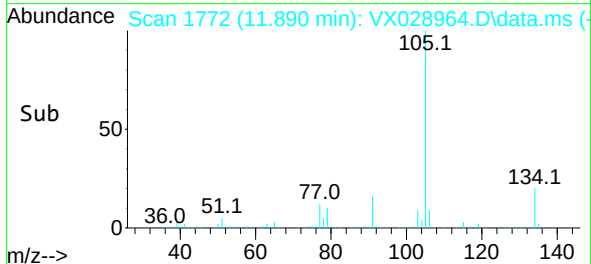
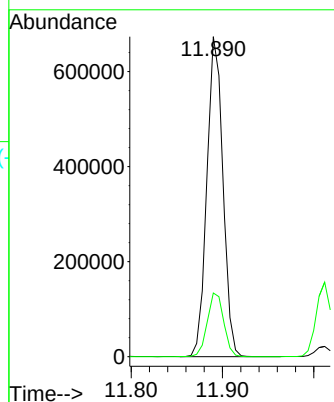
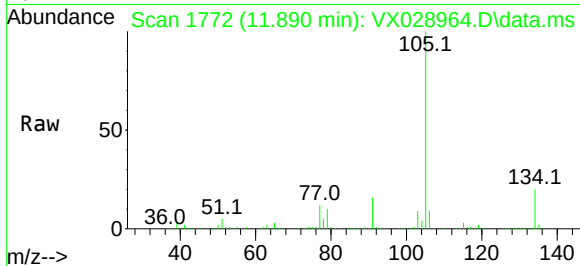




#85  
 sec-Butylbenzene  
 Concen: 51.999 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX028964.D  
 Acq: 25 May 2022 20:30

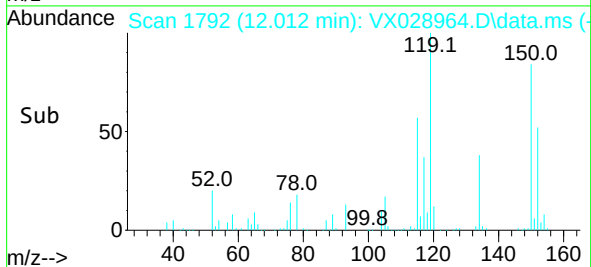
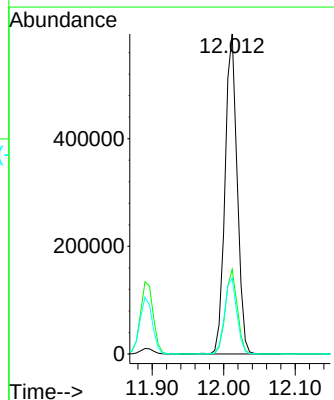
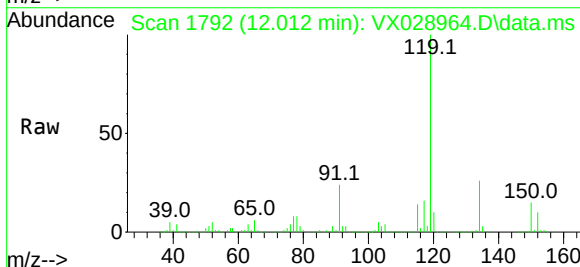
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

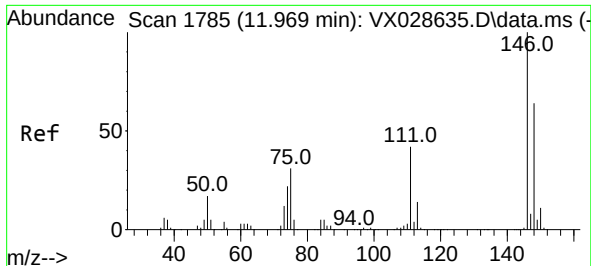
Tgt Ion:105 Resp: 821710  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 52.929 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX028964.D  
 Acq: 25 May 2022 20:30

Tgt Ion:119 Resp: 701858  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.0 39.0  
 91 24.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.816 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

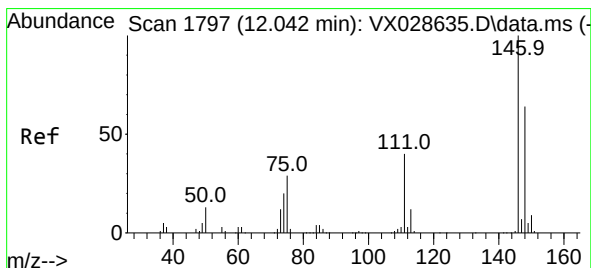
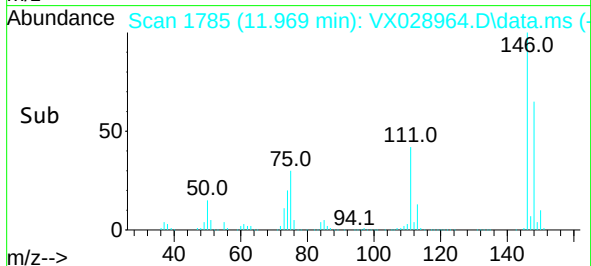
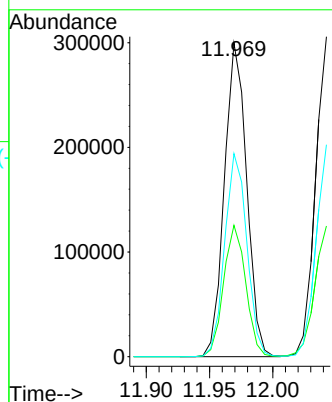
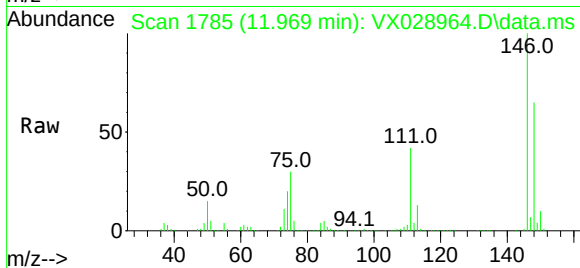
Tgt Ion:146 Resp: 367128

Ion Ratio Lower Upper

146 100

111 41.7 19.7 59.1

148 64.5 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 48.599 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

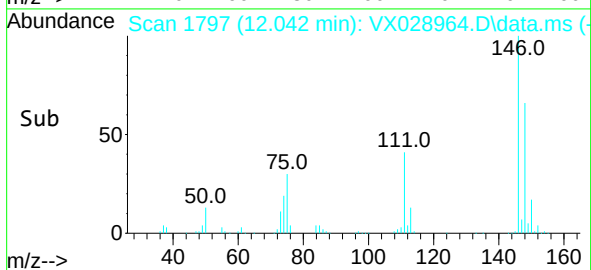
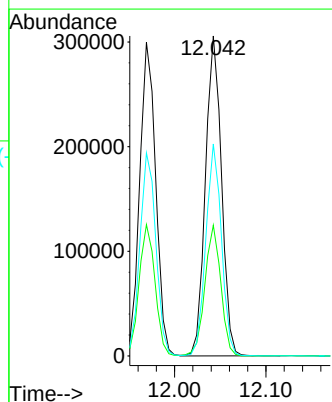
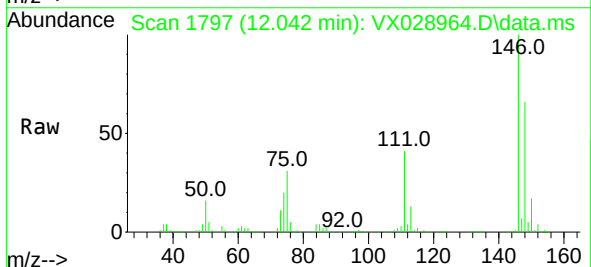
Tgt Ion:146 Resp: 371498

Ion Ratio Lower Upper

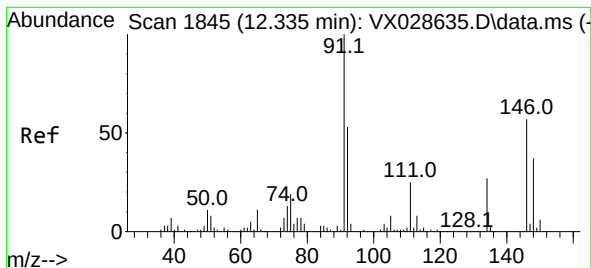
146 100

111 40.5 19.2 57.6

148 64.7 32.3 96.9



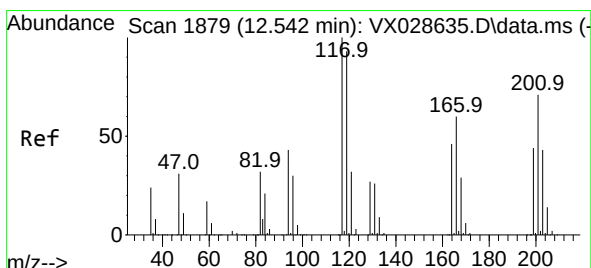
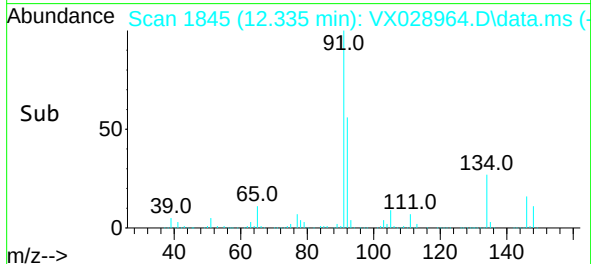
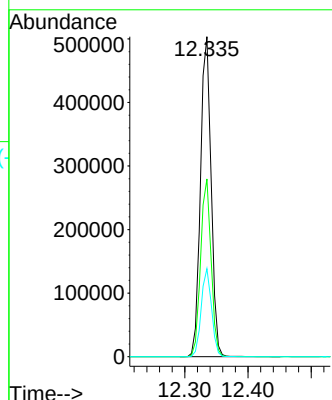
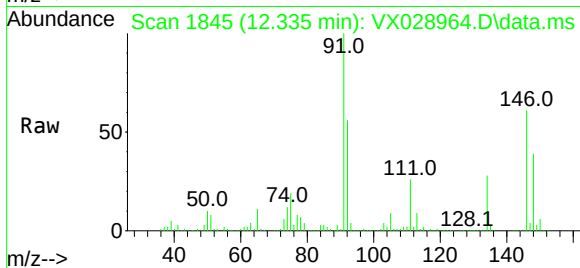




#89  
n-Butylbenzene  
Concen: 51.443 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

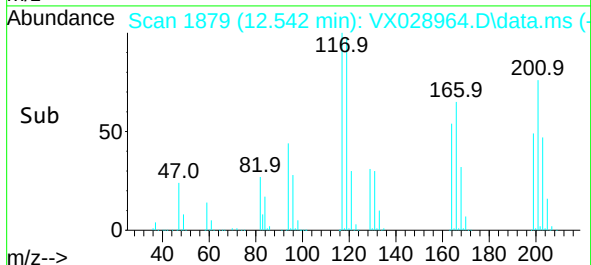
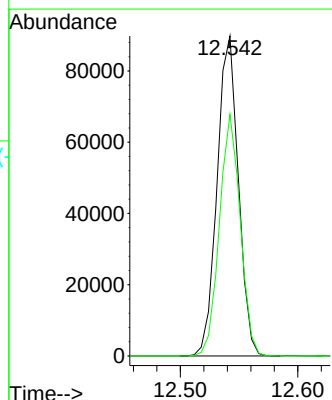
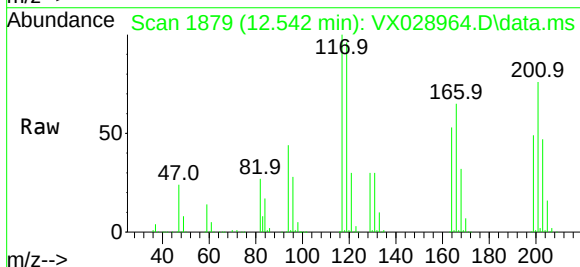
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

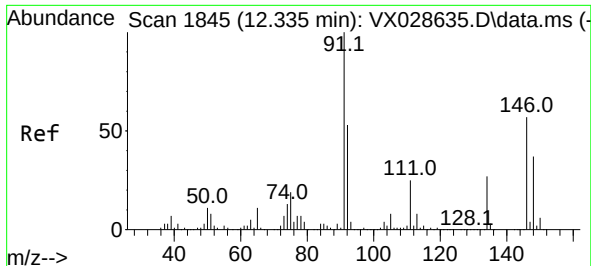
Tgt Ion: 91 Resp: 591046  
Ion Ratio Lower Upper  
91 100  
92 54.7 27.8 83.3  
134 26.6 13.3 39.8



#90  
Hexachloroethane  
Concen: 52.717 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 117 Resp: 113045  
Ion Ratio Lower Upper  
117 100  
201 74.0 39.5 118.5

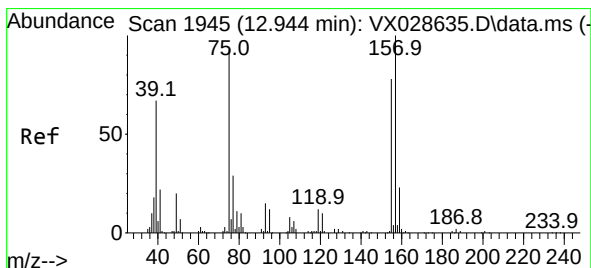
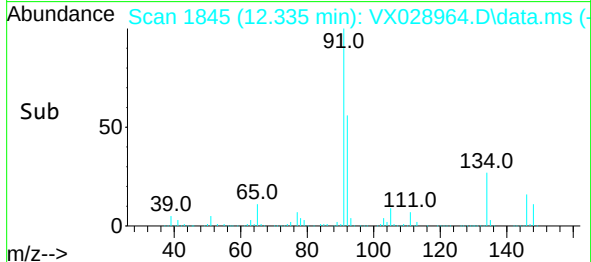
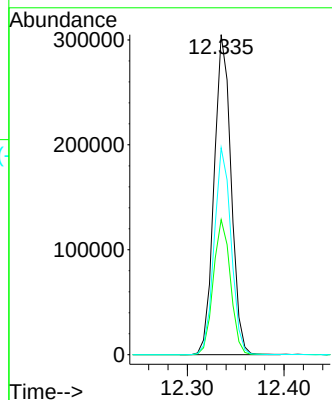
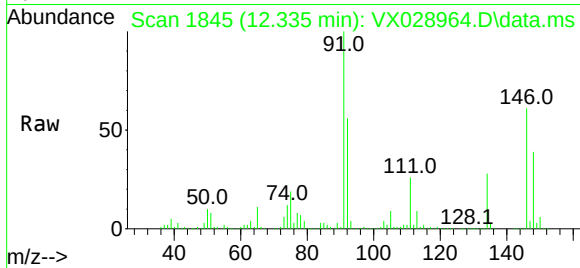




#91  
1,2-Dichlorobenzene  
Concen: 51.384 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

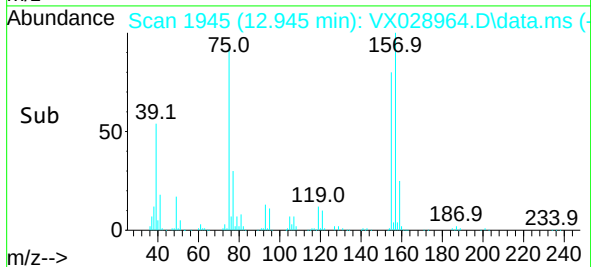
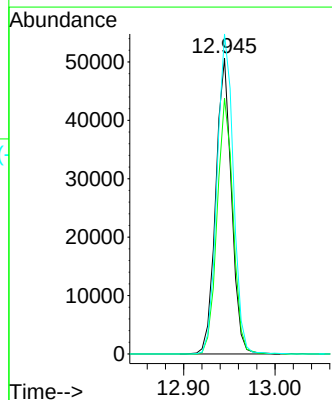
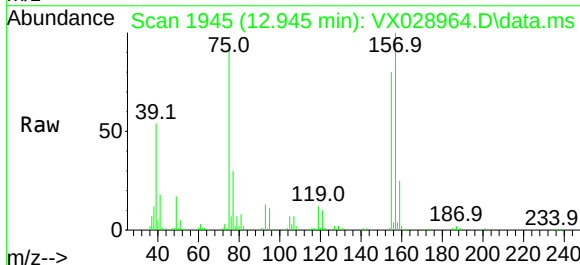
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

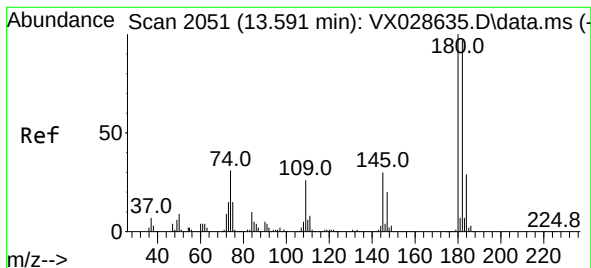
Tgt Ion:146 Resp: 372004  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.0 63.0  
148 64.4 32.6 97.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.009 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.001 min  
Lab File: VX028964.D  
Acq: 25 May 2022 20:30

Tgt Ion: 75 Resp: 60498  
Ion Ratio Lower Upper  
75 100  
155 87.3 47.0 141.2  
157 112.3 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 53.776 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

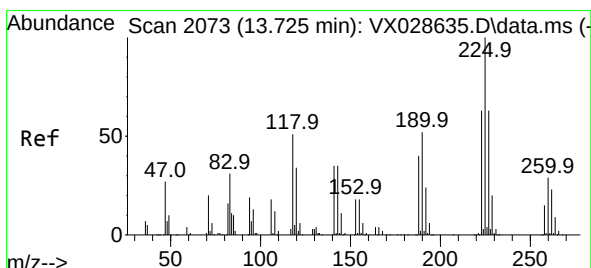
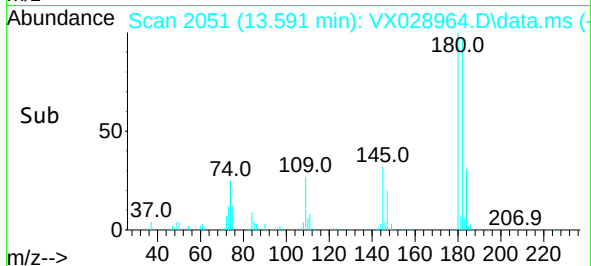
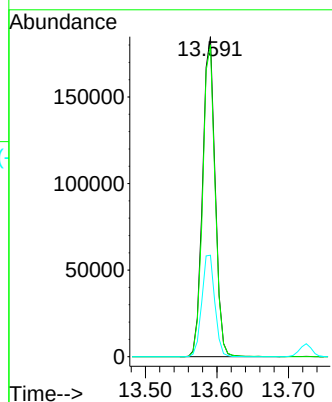
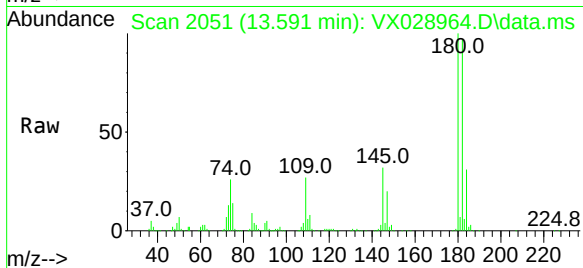
Tgt Ion:180 Resp: 224862

Ion Ratio Lower Upper

180 100

182 96.6 47.7 143.1

145 33.0 15.2 45.5



#94

Hexachlorobutadiene

Concen: 54.951 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

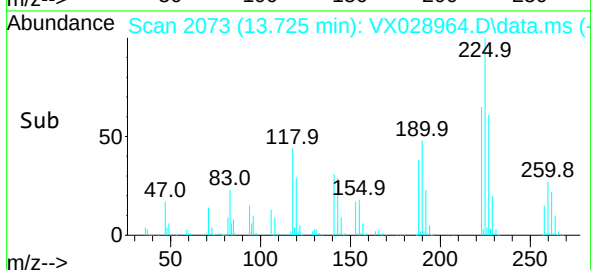
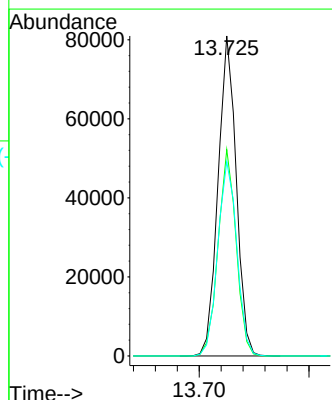
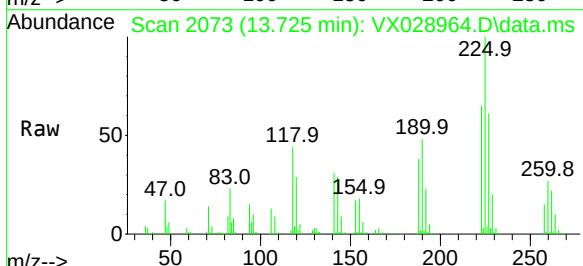
Tgt Ion:225 Resp: 93347

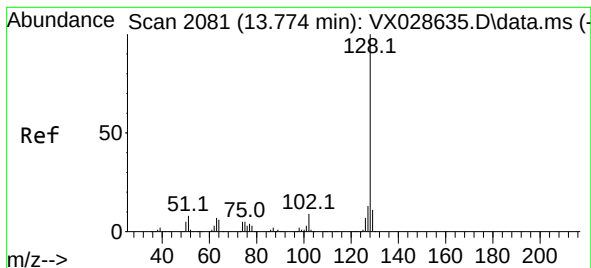
Ion Ratio Lower Upper

225 100

223 63.7 34.2 102.5

227 63.7 33.9 101.7





#95

Naphthalene

Concen: 54.517 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

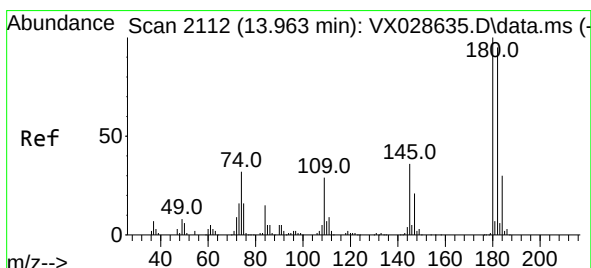
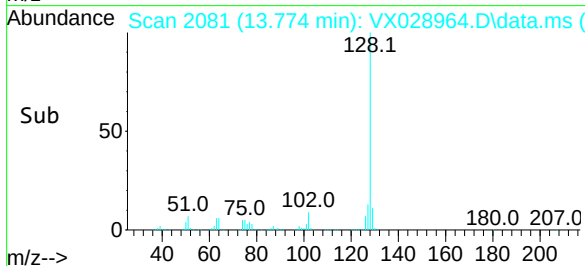
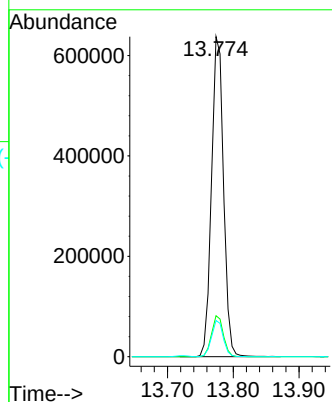
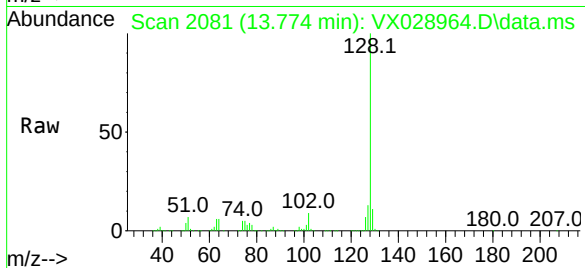
Tgt Ion:128 Resp: 811201

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.674 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028964.D

Acq: 25 May 2022 20:30

Tgt Ion:180 Resp: 229614

Ion Ratio Lower Upper

180 100

182 94.9 50.0 149.8

145 34.8 16.2 48.5

