

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031423\  
 Data File : VX034501.D  
 Acq On : 15 Mar 2023 12:06  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 20 10:10:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 257052   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 444669   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 412573   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 213423   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 187308   | 50.088   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 100.180% |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 144909   | 49.357   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 98.720%  |      |
| 50) Toluene-d8              | 8.647  | 98    | 542291   | 49.479   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 98.960%  |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 223427   | 50.469   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 100.940% |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 107901  | 45.027  | ug/l | 99  |
| 3) Chloromethane             | 1.307 | 50  | 162060  | 44.500  | ug/l | 99  |
| 4) Vinyl Chloride            | 1.374 | 62  | 155505  | 47.657  | ug/l | 98  |
| 5) Bromomethane              | 1.599 | 94  | 82210   | 49.935  | ug/l | 100 |
| 6) Chloroethane              | 1.678 | 64  | 97633   | 51.968  | ug/l | 97  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 248389  | 50.661  | ug/l | 99  |
| 8) Diethyl Ether             | 2.130 | 74  | 91832   | 51.308  | ug/l | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 126582  | 44.301  | ug/l | 99  |
| 10) Methyl Iodide            | 2.453 | 142 | 186389  | 49.685  | ug/l | 97  |
| 11) Tert butyl alcohol       | 2.959 | 59  | 186788  | 239.859 | ug/l | 99  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 127831  | 45.426  | ug/l | 97  |
| 13) Acrolein                 | 2.233 | 56  | 186881  | 303.349 | ug/l | 98  |
| 14) Allyl chloride           | 2.660 | 41  | 244062  | 42.780  | ug/l | 99  |
| 15) Acrylonitrile            | 3.062 | 53  | 421033  | 250.284 | ug/l | 100 |
| 16) Acetone                  | 2.373 | 43  | 370117  | 210.111 | ug/l | 98  |
| 17) Carbon Disulfide         | 2.508 | 76  | 312896  | 39.511  | ug/l | 99  |
| 18) Methyl Acetate           | 2.703 | 43  | 283198  | 49.202  | ug/l | 100 |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 481775  | 47.816  | ug/l | 98  |
| 20) Methylene Chloride       | 2.788 | 84  | 153749  | 44.972  | ug/l | 98  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 140859  | 47.133  | ug/l | 97  |
| 22) Diisopropyl ether        | 3.757 | 45  | 529022  | 48.635  | ug/l | 97  |
| 23) Vinyl Acetate            | 3.721 | 43  | 2011769 | 243.016 | ug/l | 98  |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 274722  | 46.984  | ug/l | 99  |
| 25) 2-Butanone               | 4.550 | 43  | 603200  | 239.317 | ug/l | 99  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 167761  | 33.007  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 167889  | 46.667  | ug/l | 97  |
| 28) Bromochloromethane       | 4.897 | 49  | 136770  | 50.307  | ug/l | 99  |
| 29) Tetrahydrofuran          | 5.001 | 42  | 395584  | 254.346 | ug/l | 100 |
| 30) Chloroform               | 5.092 | 83  | 282070  | 49.213  | ug/l | 100 |
| 31) Cyclohexane              | 5.464 | 56  | 238303  | 45.438  | ug/l | 97  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 243300  | 47.951  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 202294  | 44.861  | ug/l | 99  |
| 37) Ethyl Acetate            | 4.708 | 43  | 236216  | 47.949  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 201991  | 45.027  | ug/l | 99  |
| 39) Methylcyclohexane        | 7.379 | 83  | 230548  | 42.722  | ug/l | 96  |
| 40) Benzene                  | 6.037 | 78  | 610978  | 46.316  | ug/l | 98  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 20 10:10:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|------|----------|----------|-------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 131813   | 48.823   | ug/l  | 99       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 236580   | 48.798   | ug/l  | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 398942   | 47.803   | ug/l  | 100      |
| 44) Trichloroethene           | 7.123  | 130  | 153613   | 44.817   | ug/l  | 99       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 163427   | 47.447   | ug/l  | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 110468   | 47.175   | ug/l  | 99       |
| 47) Bromodichloromethane      | 7.818  | 83   | 214845   | 47.406   | ug/l  | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 195117   | 48.612   | ug/l  | 98       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 90369    | 1071.931 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1243501  | 256.850  | ug/l  | 99       |
| 52) Toluene                   | 8.720  | 92   | 392086   | 48.008   | ug/l  | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 230315   | 45.109   | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 244527   | 44.267   | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 162279   | 50.067   | ug/l  | 100      |
| 56) Ethyl methacrylate        | 9.116  | 69   | 262359   | 49.300   | ug/l  | 98       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 279759   | 48.565   | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 646673   | 235.790  | ug/l  | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 946243   | 252.841  | ug/l  | 100      |
| 60) Dibromochloromethane      | 9.518  | 129  | 166473   | 48.972   | ug/l  | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 170266   | 48.681   | ug/l  | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 127800   | 46.114   | ug/l  | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 418372   | 46.218   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 155561   | 47.184   | ug/l  | 100      |
| 67) Ethyl Benzene             | 10.195 | 91   | 765722   | 47.251   | ug/l  | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 582187   | 93.521   | ug/l  | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 293072   | 46.912   | ug/l  | 98       |
| 70) Styrene                   | 10.652 | 104  | 487994   | 48.416   | ug/l  | 100      |
| 71) Bromoform                 | 10.799 | 173  | 119756   | 47.189   | ug/l  | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 764344   | 46.338   | ug/l  | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 379591   | 48.046   | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 266298   | 48.380   | ug/l  | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 285949   | 58.352   | ug/l  | 84       |
| 77) Bromobenzene              | 11.195 | 156  | 184576   | 46.639   | ug/l  | 100      |
| 78) n-propylbenzene           | 11.305 | 91   | 902211   | 47.360   | ug/l  | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 550352   | 46.778   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 654220   | 47.286   | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 70216    | 38.763   | ug/l  | 94       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 638455   | 47.113   | ug/l  | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 650745   | 46.650   | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 660580   | 46.718   | ug/l  | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 798020   | 46.794   | ug/l  | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 661011   | 46.118   | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 348997   | 45.008   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 355062   | 45.285   | ug/l  | 100      |
| 89) n-Butylbenzene            | 12.329 | 91   | 574816   | 45.113   | ug/l  | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 120496   | 45.434   | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 354097   | 47.253   | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 59085    | 47.246   | ug/l  | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 204028   | 43.539   | ug/l  | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 78418    | 41.538   | ug/l  | 99       |
| 95) Naphthalene               | 13.774 | 128  | 736400   | 46.862   | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 210590   | 45.973   | ug/l  | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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Quant Title : SW846 8260  
QLast Update : Mon Mar 13 10:29:32 2023  
Response via : Initial Calibration

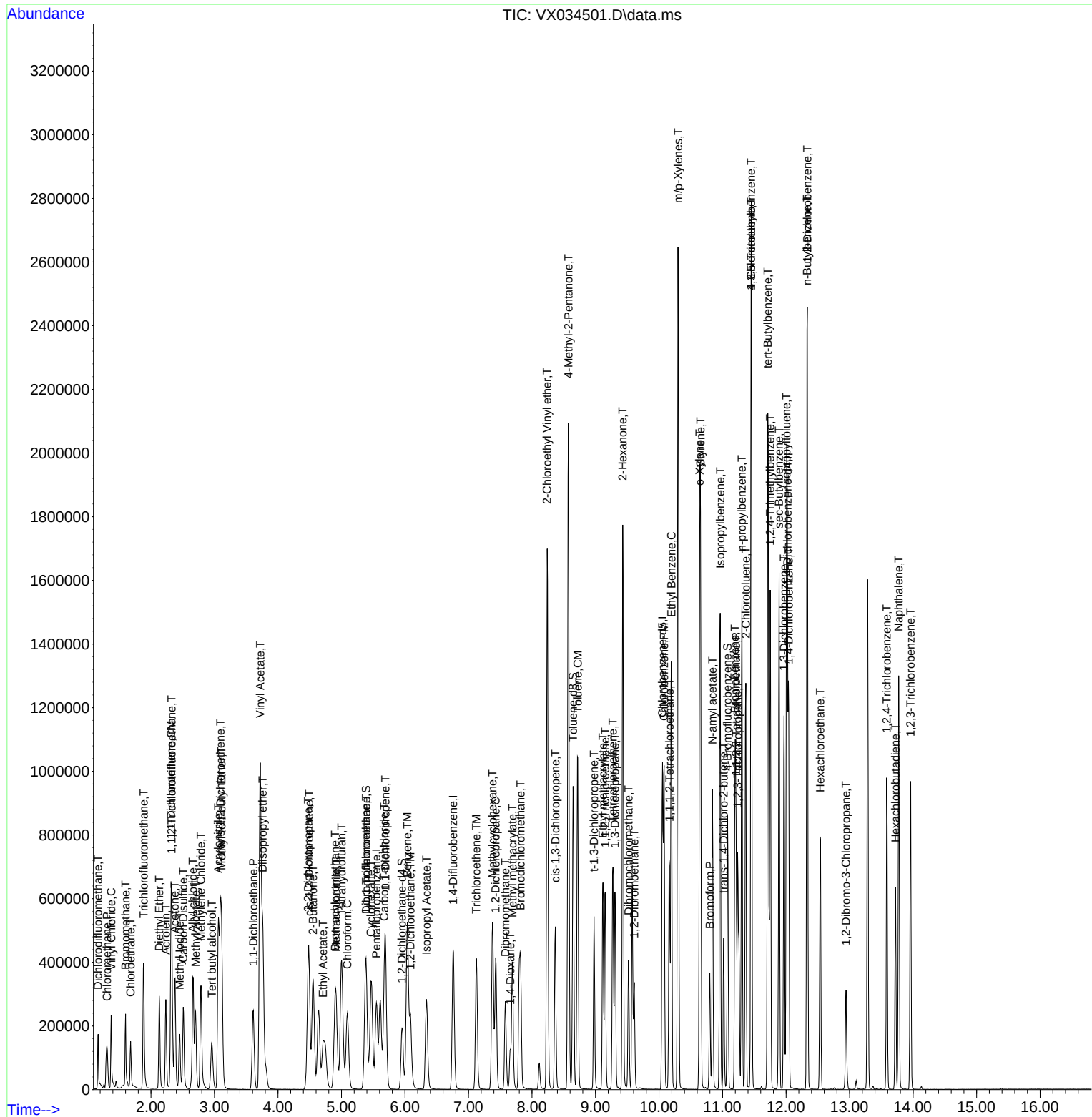
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

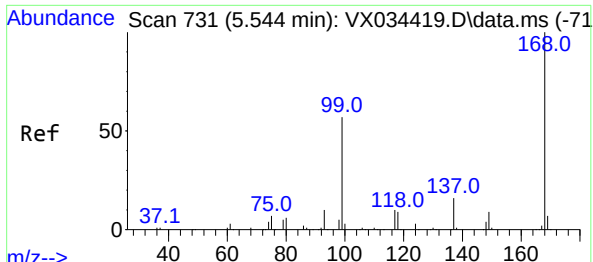
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031423\  
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
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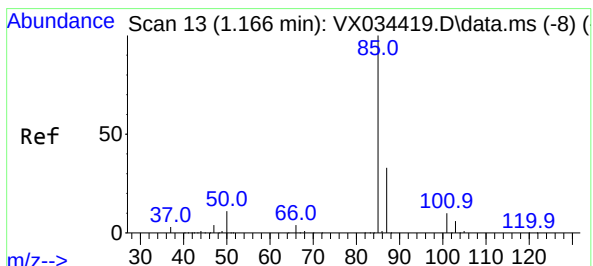
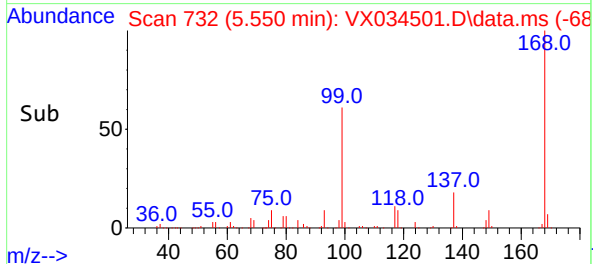
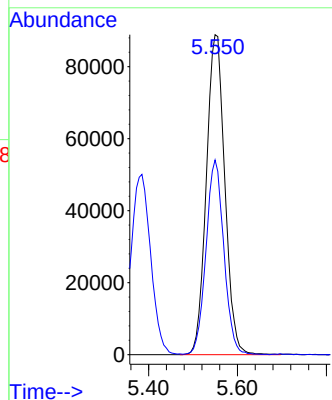
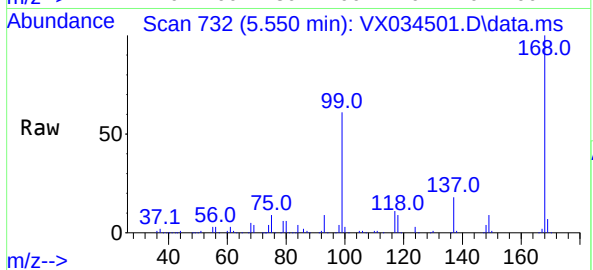




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

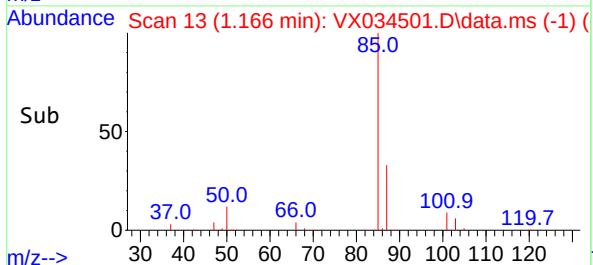
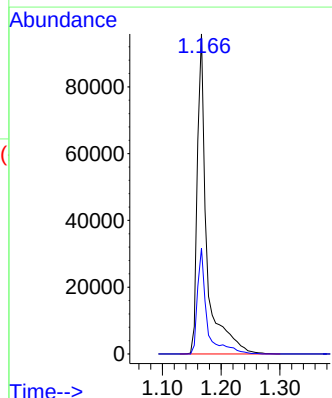
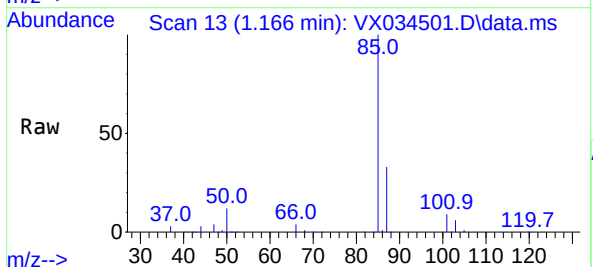
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 257052  
Ion Ratio Lower Upper  
168 100  
99 60.6 45.7 68.5

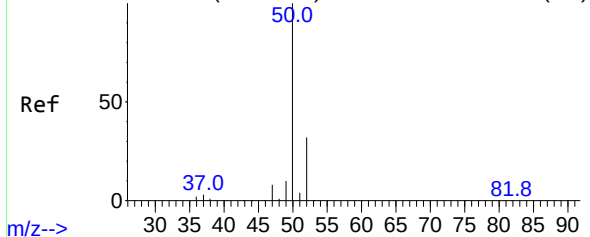


#2  
Dichlorodifluoromethane  
Concen: 45.027 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 85 Resp: 107901  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.4 49.1



Abundance Scan 35 (1.301 min): VX034419.D\data.ms (-30)



#3

Chloromethane

Concen: 44.500 ug/l

RT: 1.307 min Scan# 3

Delta R.T. 0.006 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

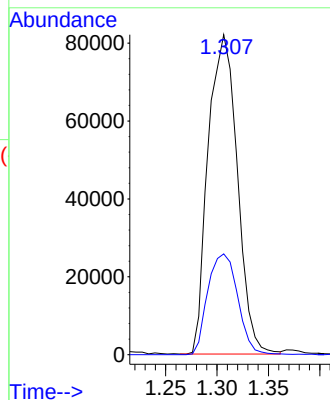
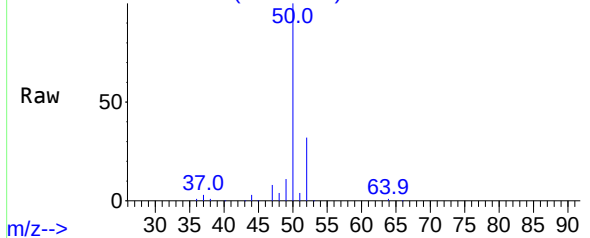
Tgt Ion: 50 Resp: 162060

Ion Ratio Lower Upper

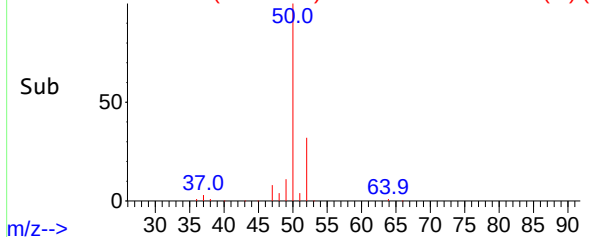
50 100

52 31.6 25.9 38.9

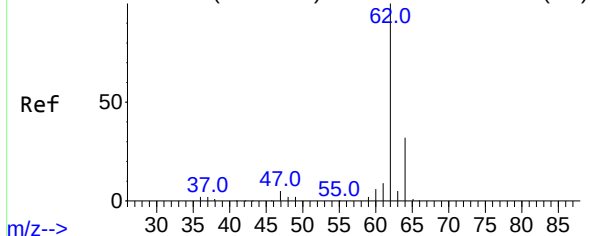
Abundance Scan 36 (1.307 min): VX034501.D\data.ms



Abundance Scan 36 (1.307 min): VX034501.D\data.ms (-1) (



Abundance Scan 47 (1.374 min): VX034419.D\data.ms (-41)



#4

Vinyl Chloride

Concen: 47.657 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

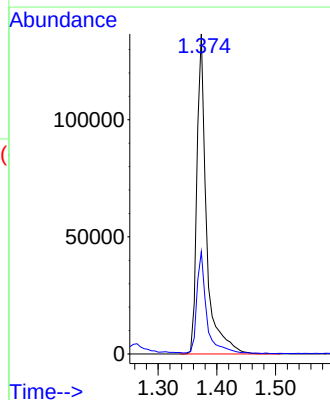
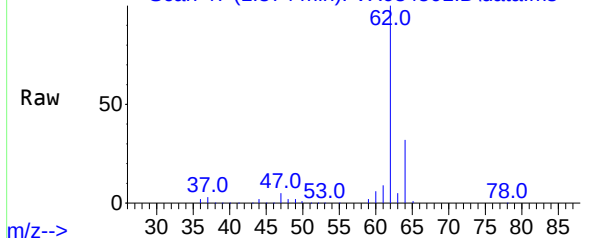
Tgt Ion: 62 Resp: 155505

Ion Ratio Lower Upper

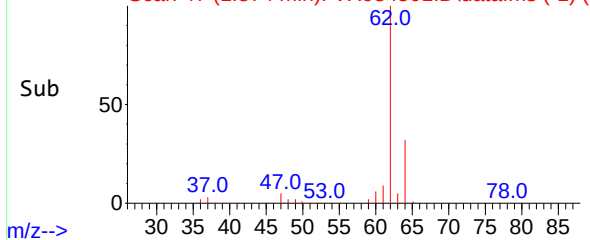
62 100

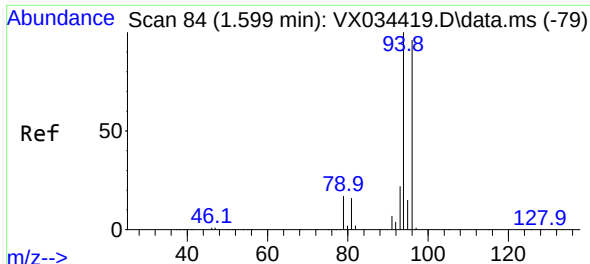
64 31.8 26.4 39.6

Abundance Scan 47 (1.374 min): VX034501.D\data.ms



Abundance Scan 47 (1.374 min): VX034501.D\data.ms (-1) (

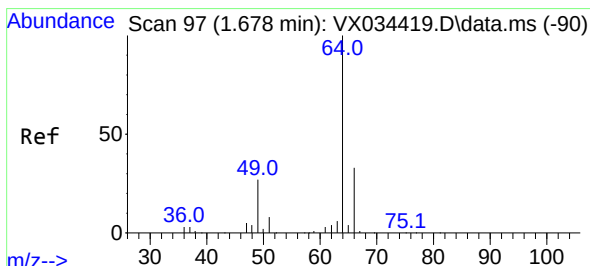
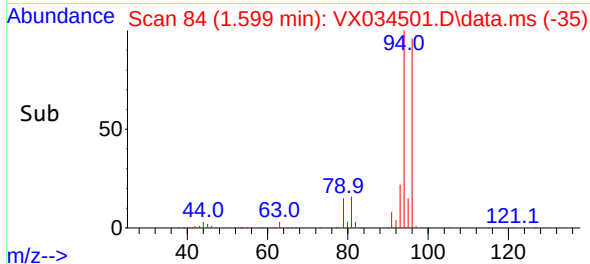
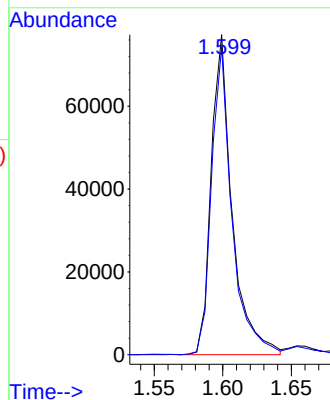
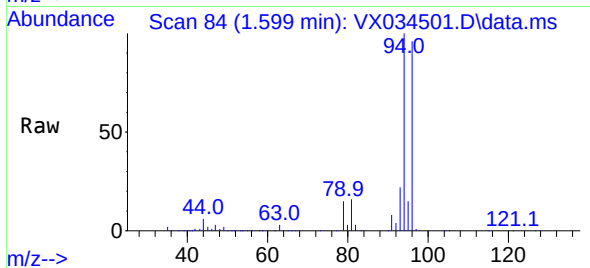




#5  
Bromomethane  
Concen: 49.935 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

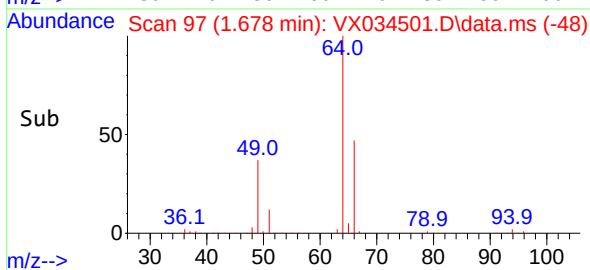
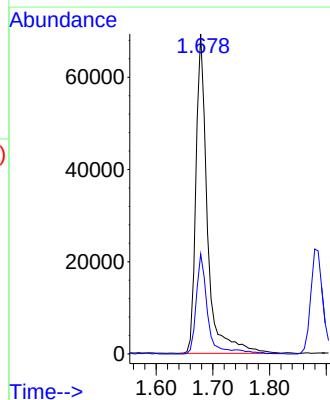
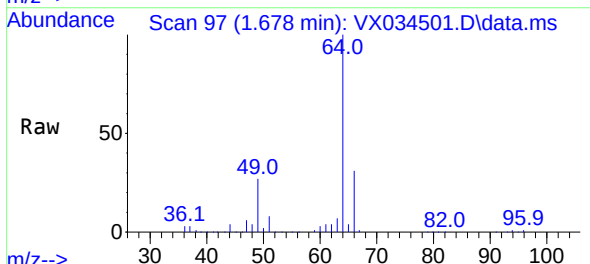
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

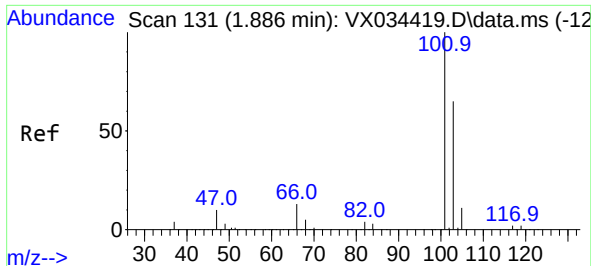
Tgt Ion: 94 Resp: 82210  
Ion Ratio Lower Upper  
94 100  
96 96.3 77.0 115.6



#6  
Chloroethane  
Concen: 51.968 ug/l  
RT: 1.678 min Scan# 97  
Delta R.T. 0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 64 Resp: 97633  
Ion Ratio Lower Upper  
64 100  
66 31.3 26.2 39.4

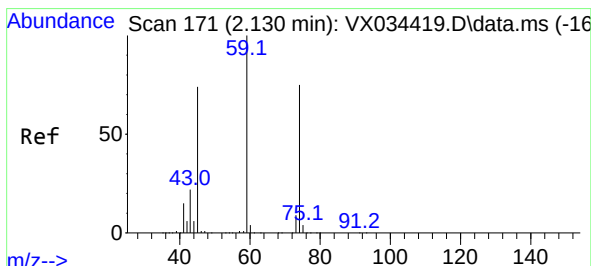
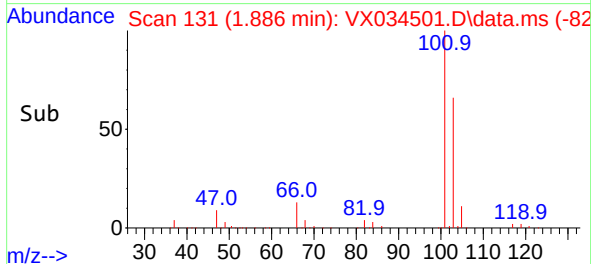
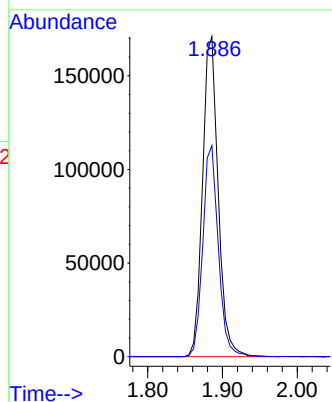
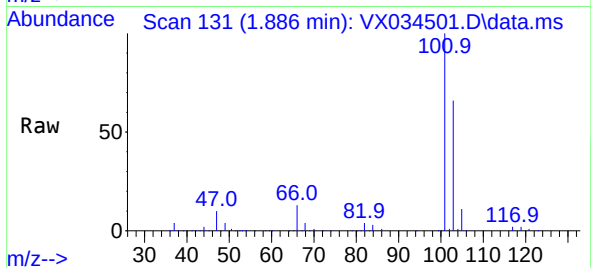




#7  
Trichlorofluoromethane  
Concen: 50.661 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

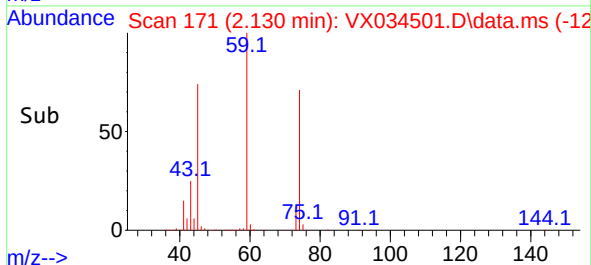
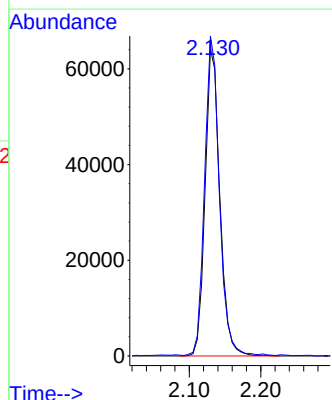
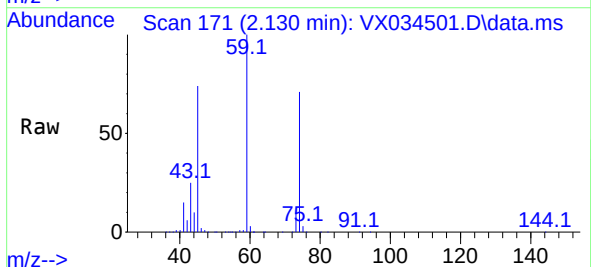
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 248389  
Ion Ratio Lower Upper  
101 100  
103 66.0 52.0 78.0

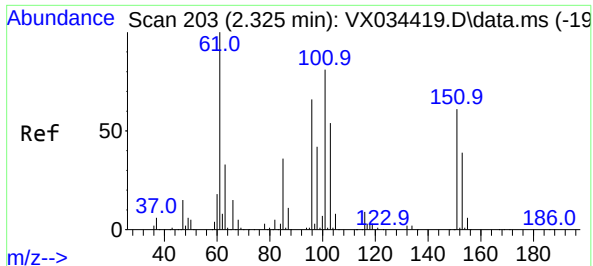


#8  
Diethyl Ether  
Concen: 51.308 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 74 Resp: 91832  
Ion Ratio Lower Upper  
74 100  
45 104.0 49.8 149.3



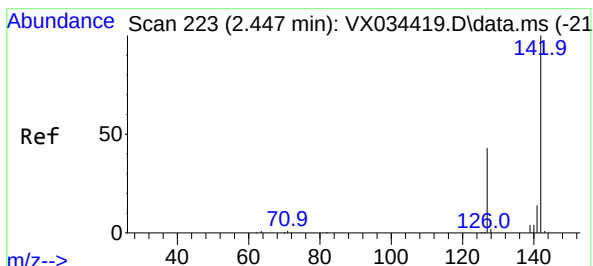
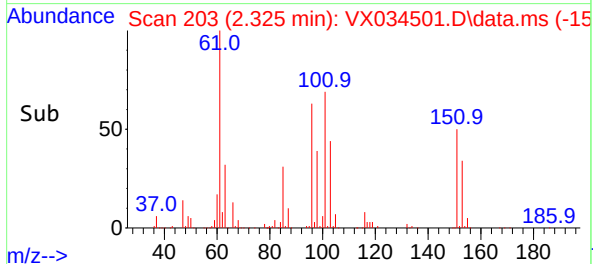
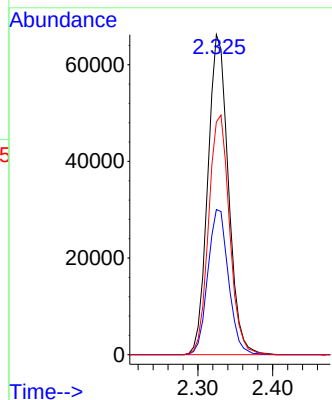
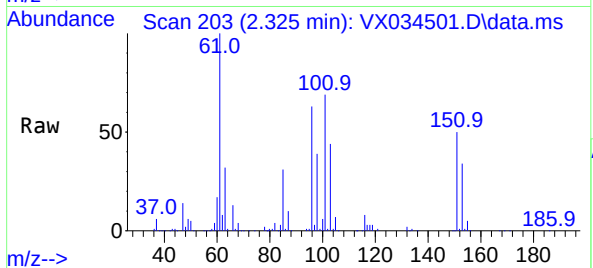




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.301 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

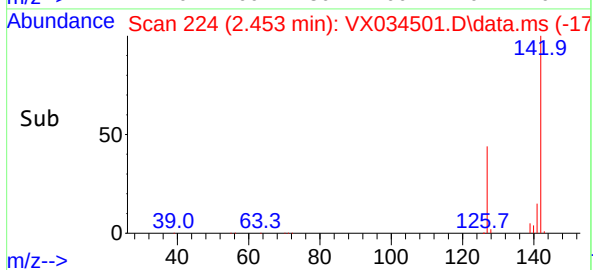
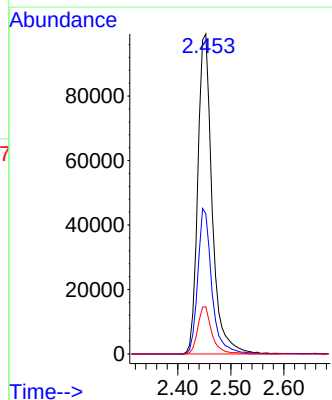
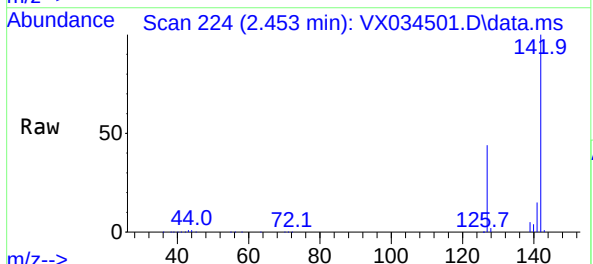
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

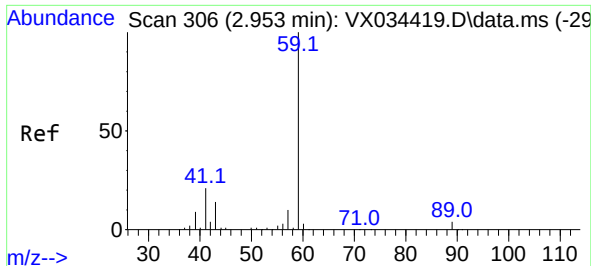
Tgt Ion:101 Resp: 126582  
Ion Ratio Lower Upper  
101 100  
85 45.6 35.4 53.2  
151 76.1 60.2 90.4



#10  
Methyl Iodide  
Concen: 49.685 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion:142 Resp: 186389  
Ion Ratio Lower Upper  
142 100  
127 44.5 34.0 51.0  
141 14.4 11.1 16.7

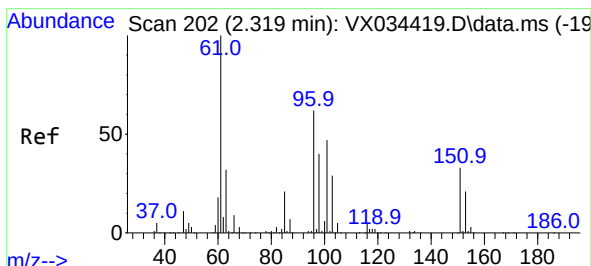
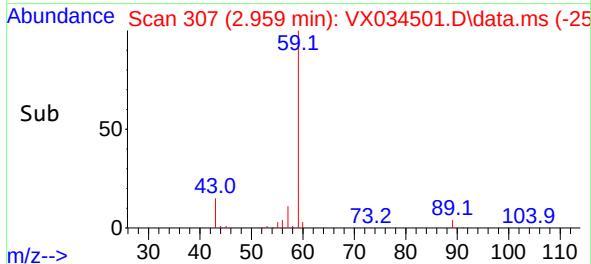
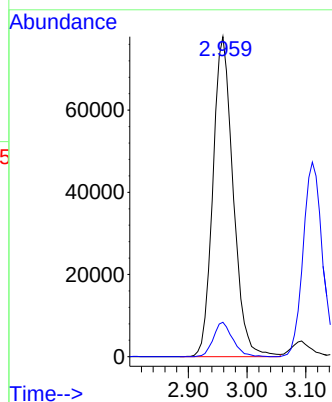
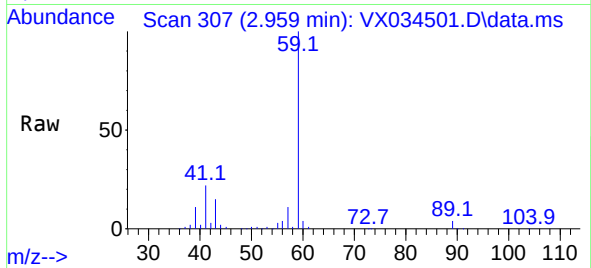




#11  
Tert butyl alcohol  
Concen: 239.859 ug/l  
RT: 2.959 min Scan# 306  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

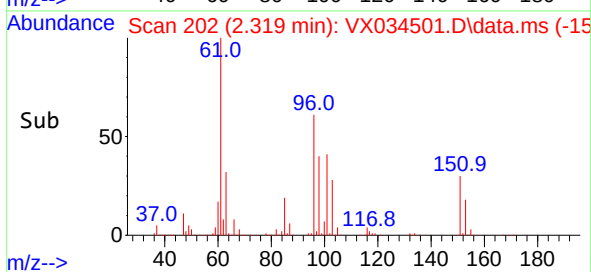
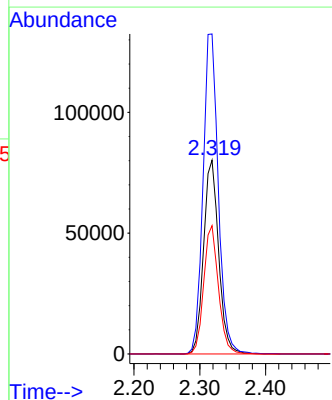
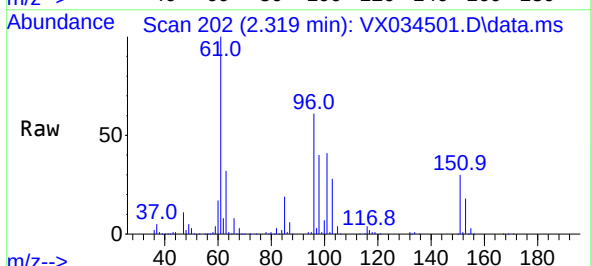
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

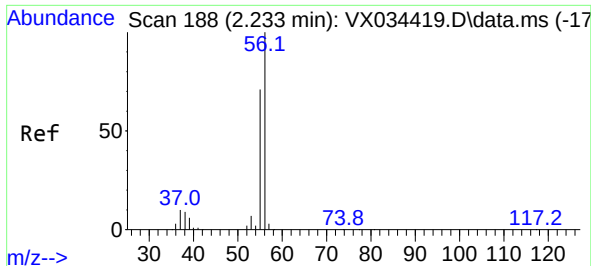
Tgt Ion: 59 Resp: 186788  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 45.426 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 96 Resp: 127831  
Ion Ratio Lower Upper  
96 100  
61 165.2 128.8 193.2  
98 66.3 51.4 77.0

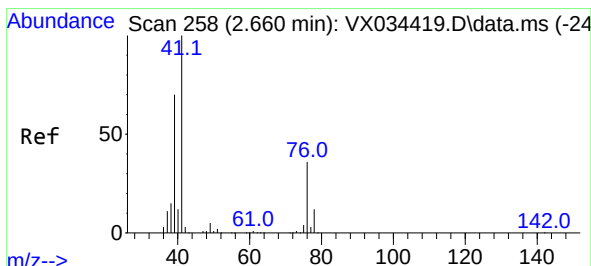
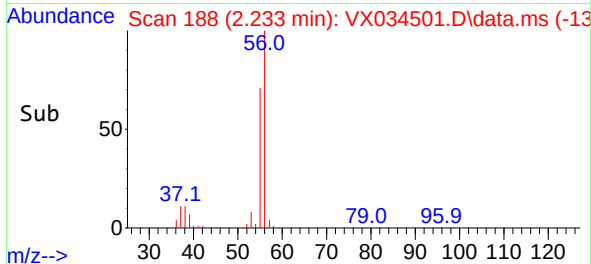
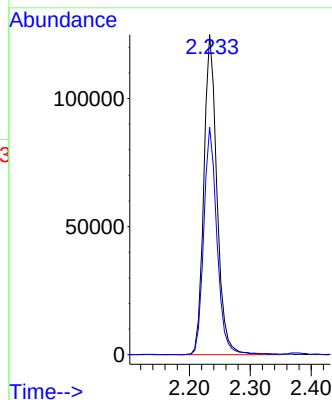
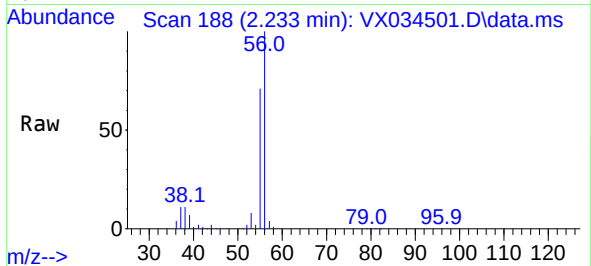




#13  
Acrolein  
Concen: 303.349 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

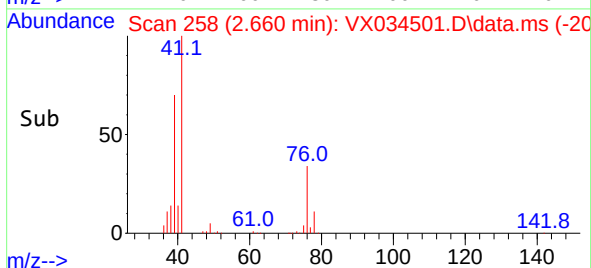
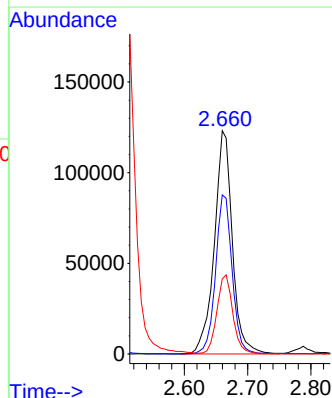
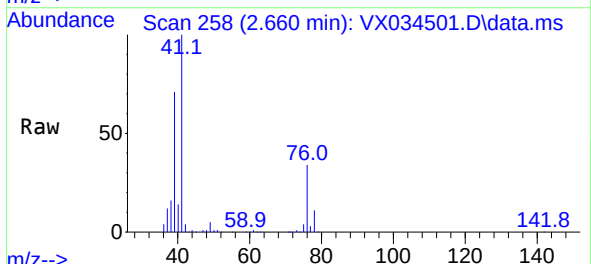
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

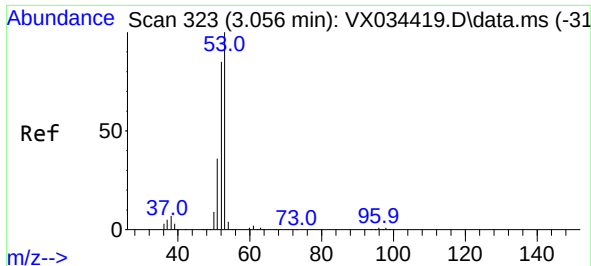
Tgt Ion: 56 Resp: 186881  
Ion Ratio Lower Upper  
56 100  
55 72.1 56.6 85.0



#14  
Allyl chloride  
Concen: 42.780 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 41 Resp: 244062  
Ion Ratio Lower Upper  
41 100  
39 65.6 52.4 78.6  
76 31.3 26.0 39.0

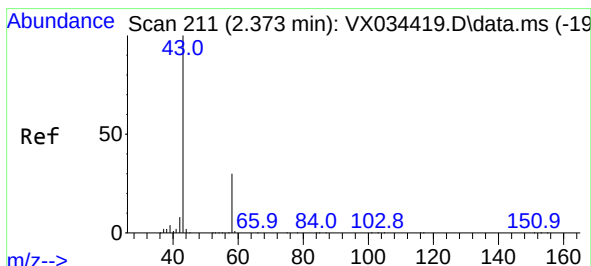
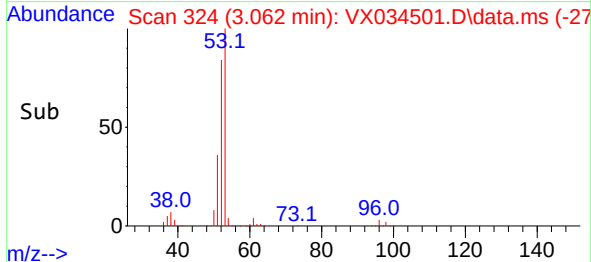
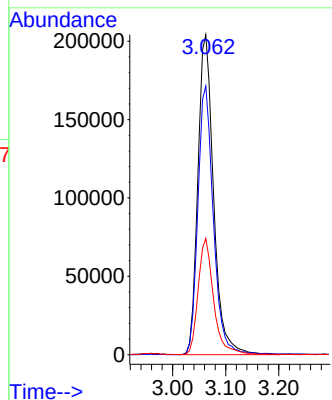
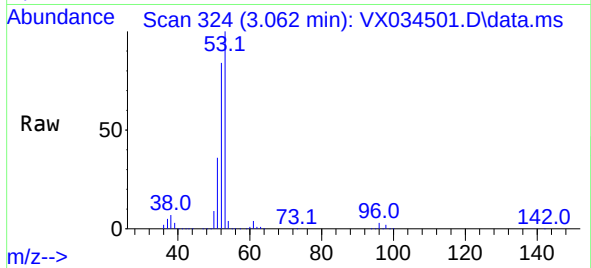




#15  
Acrylonitrile  
Concen: 250.284 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

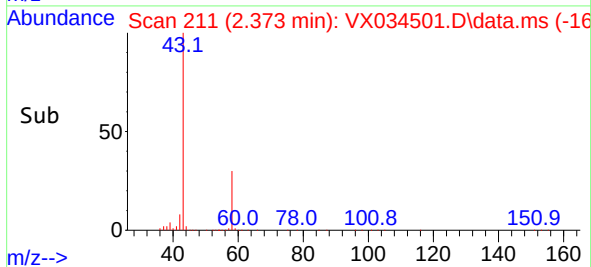
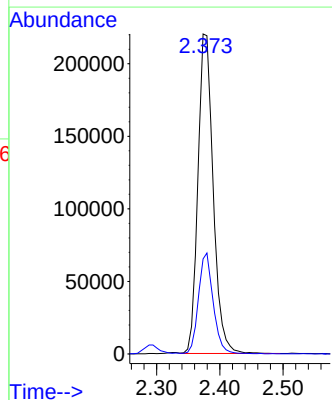
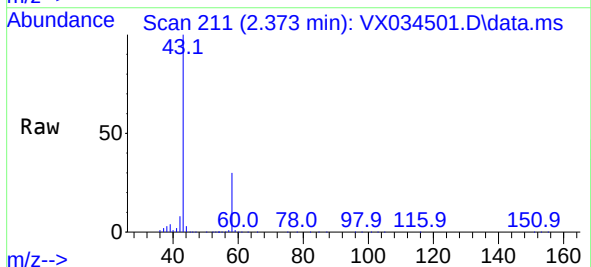
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

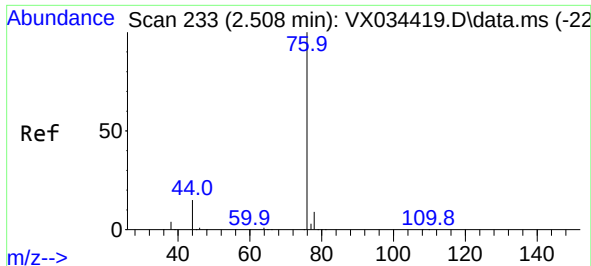
Tgt Ion: 53 Resp: 421033  
Ion Ratio Lower Upper  
53 100  
52 82.9 66.2 99.2  
51 35.7 28.3 42.5



#16  
Acetone  
Concen: 210.111 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 43 Resp: 370117  
Ion Ratio Lower Upper  
43 100  
58 29.7 24.7 37.1

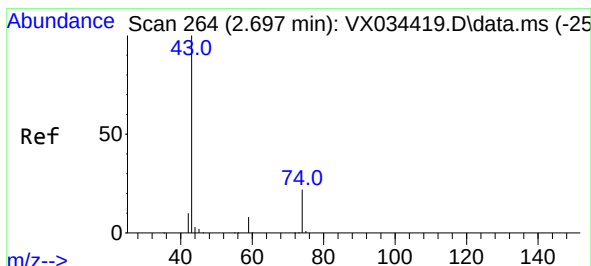
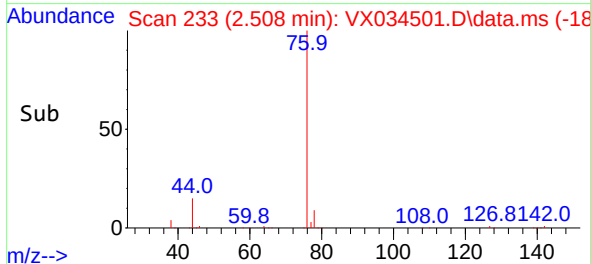
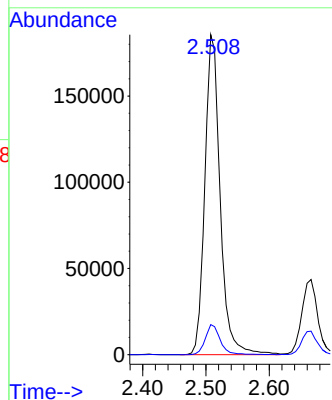
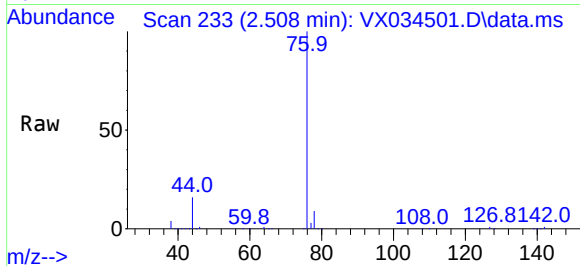




#17  
Carbon Disulfide  
Concen: 39.511 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

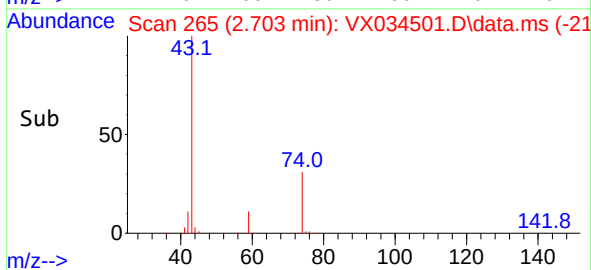
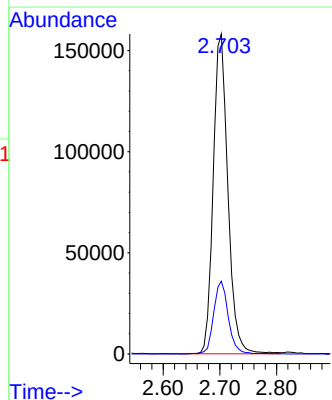
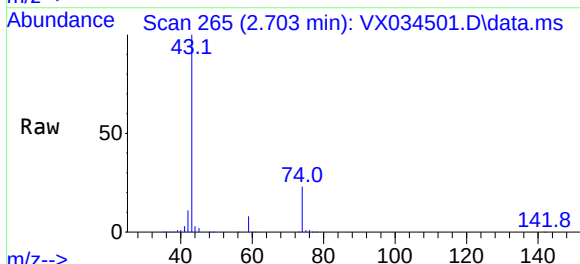
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

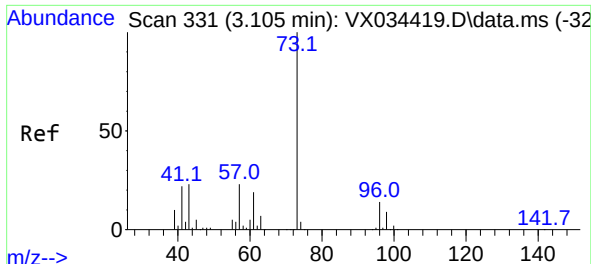
Tgt Ion: 76 Resp: 312896  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 49.202 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 43 Resp: 283198  
Ion Ratio Lower Upper  
43 100  
74 22.7 18.3 27.5

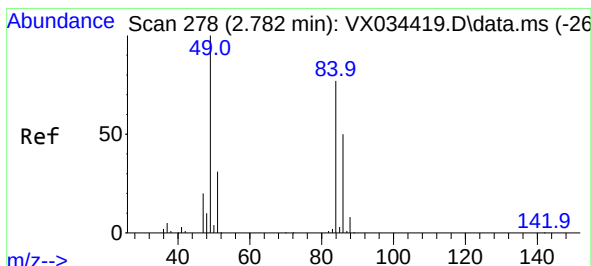
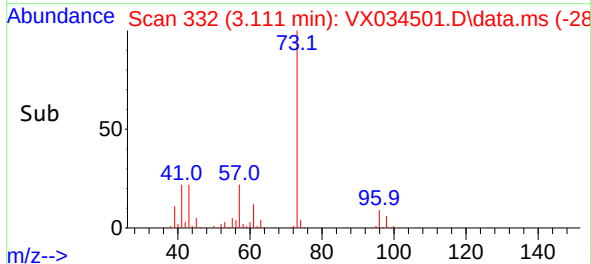
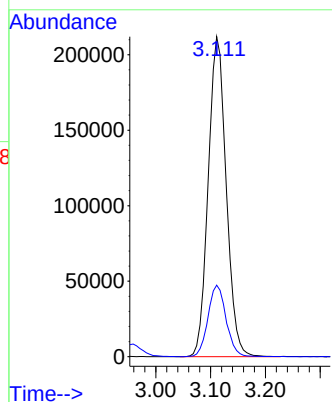
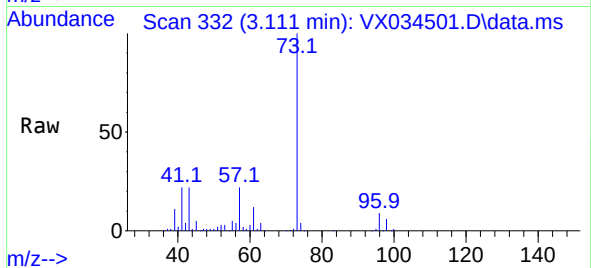




#19  
Methyl tert-butyl Ether  
Concen: 47.816 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

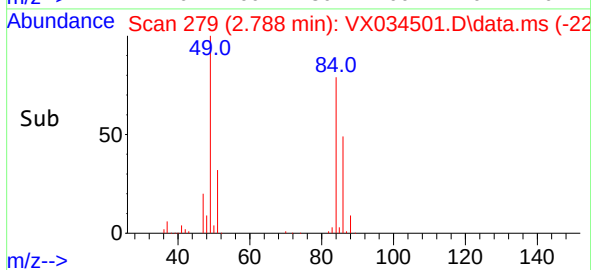
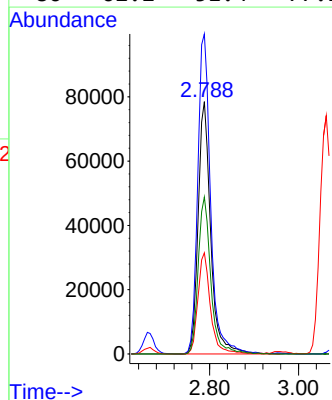
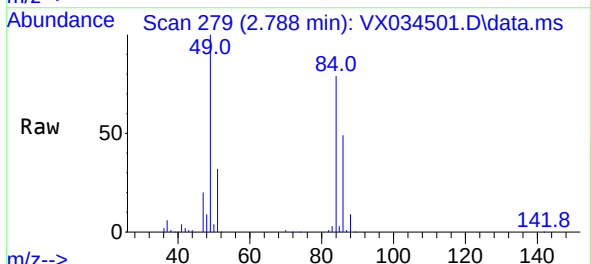
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

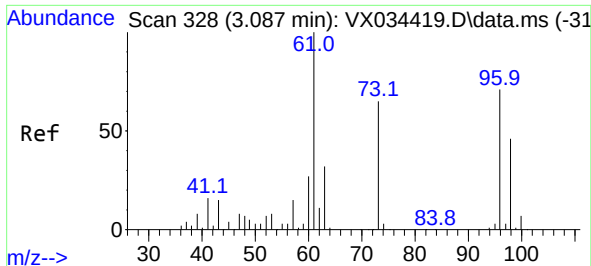
Tgt Ion: 73 Resp: 481775  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.5 27.7



#20  
Methylene Chloride  
Concen: 44.972 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 84 Resp: 153749  
Ion Ratio Lower Upper  
84 100  
49 126.8 103.8 155.8  
51 40.0 31.8 47.8  
86 62.2 51.4 77.2

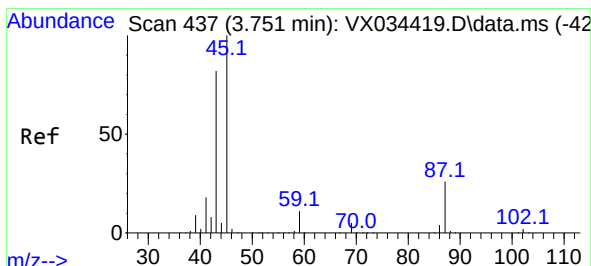
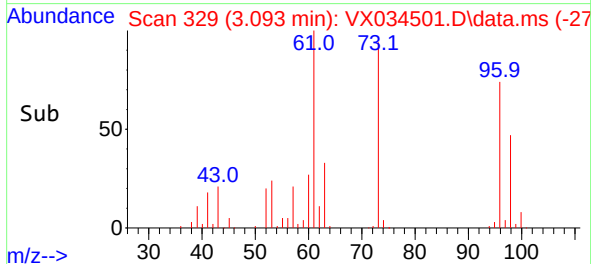
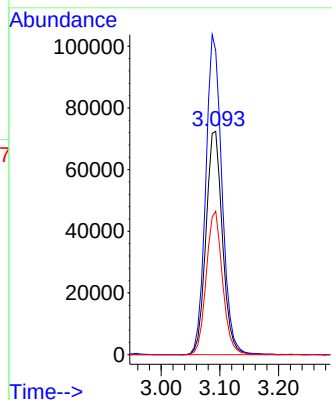
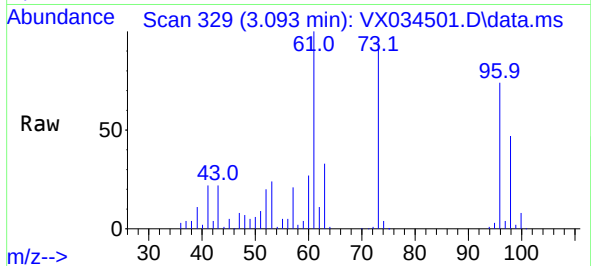




#21  
trans-1,2-Dichloroethene  
Concen: 47.133 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

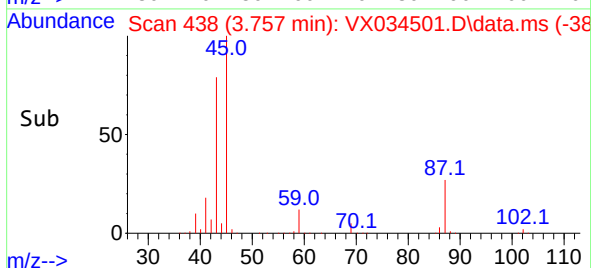
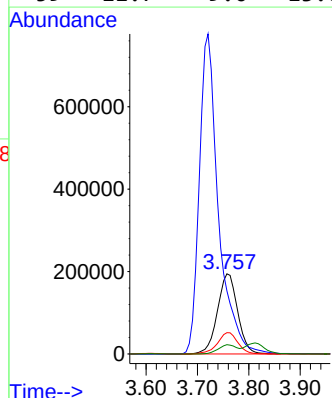
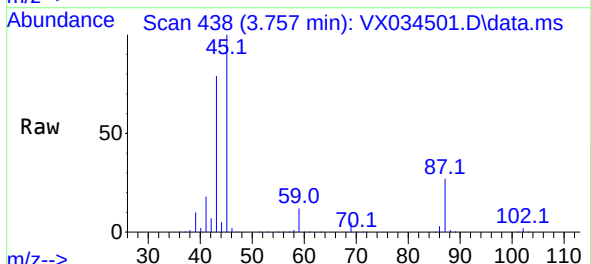
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

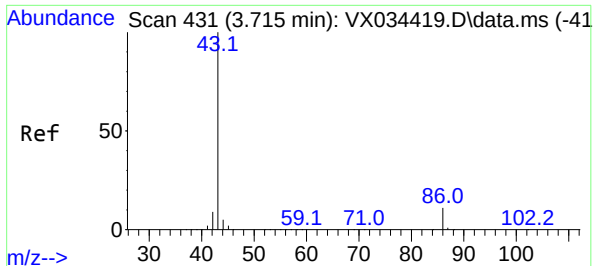
Tgt Ion: 96 Resp: 140859  
Ion Ratio Lower Upper  
96 100  
61 136.0 113.0 169.6  
98 64.3 52.1 78.1



#22  
Diisopropyl ether  
Concen: 48.635 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 45 Resp: 529022  
Ion Ratio Lower Upper  
45 100  
43 78.5 65.4 98.2  
87 26.6 20.6 31.0  
59 11.7 9.0 13.6

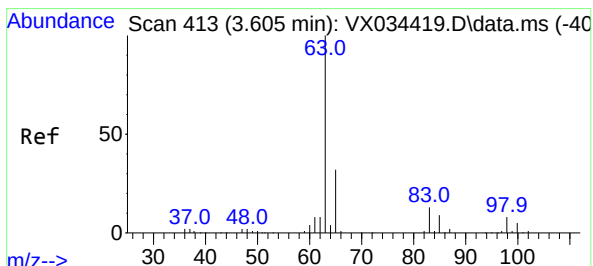
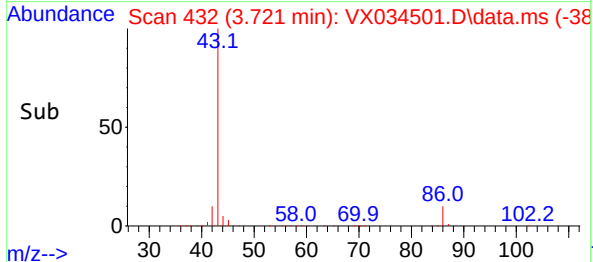
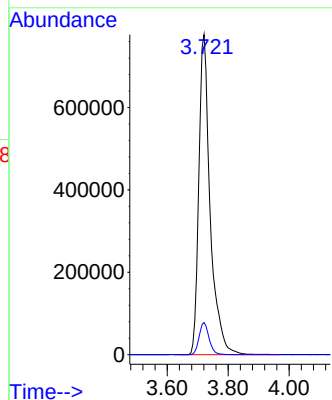
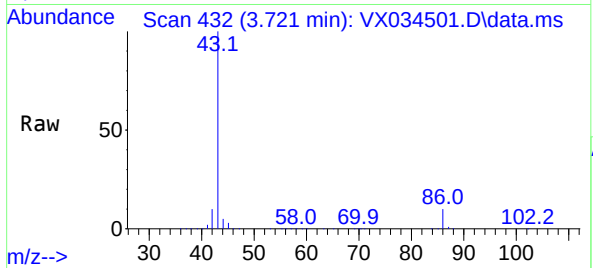




#23  
 Vinyl Acetate  
 Concen: 243.016 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX034501.D  
 Acq: 15 Mar 2023 12:06

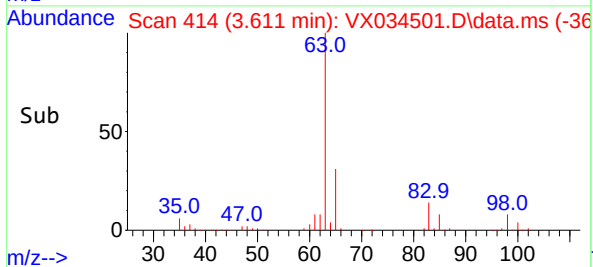
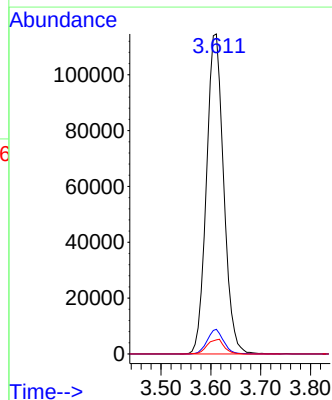
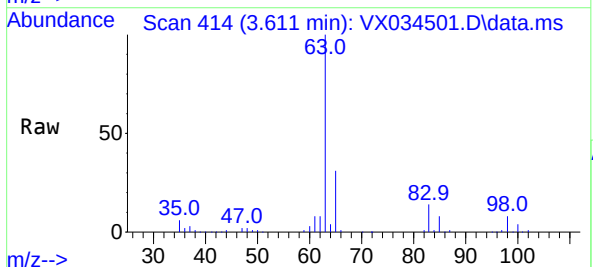
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2011769  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 8.5 12.7

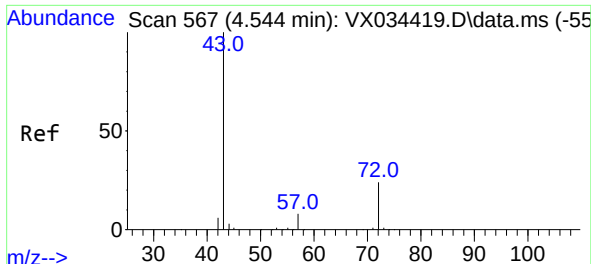


#24  
 1,1-Dichloroethane  
 Concen: 46.984 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX034501.D  
 Acq: 15 Mar 2023 12:06

Tgt Ion: 63 Resp: 274722  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.8 11.2  
 100 4.4 2.4 7.1



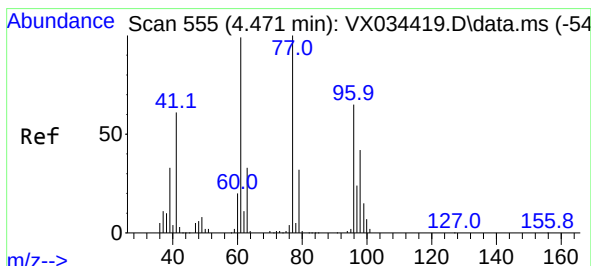
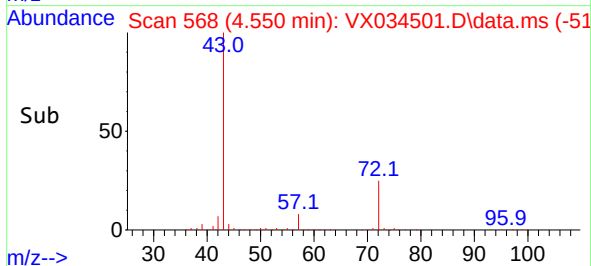
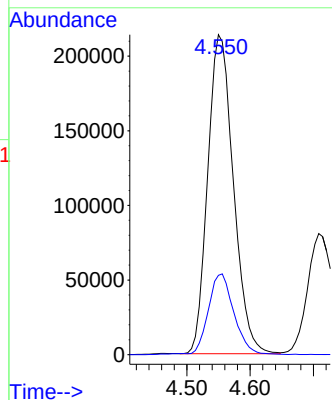
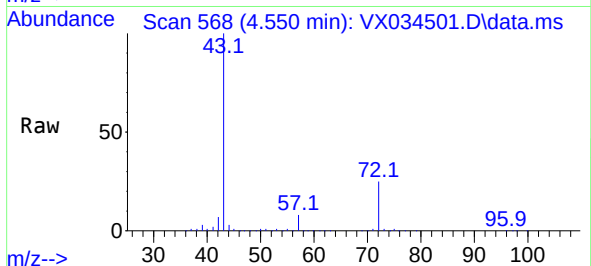




#25  
2-Butanone  
Concen: 239.317 ug/l  
RT: 4.550 min Scan# 568  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

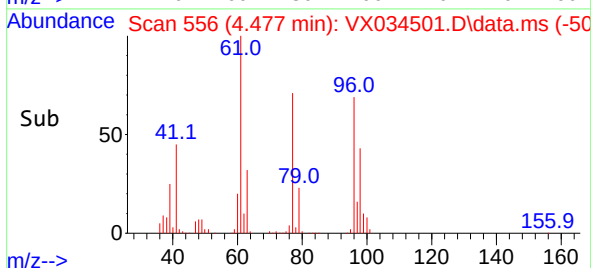
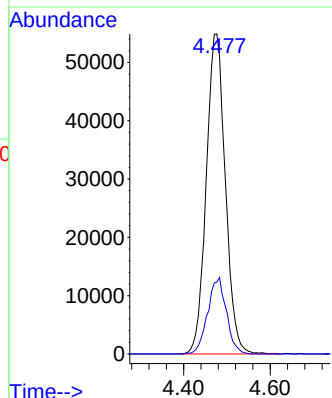
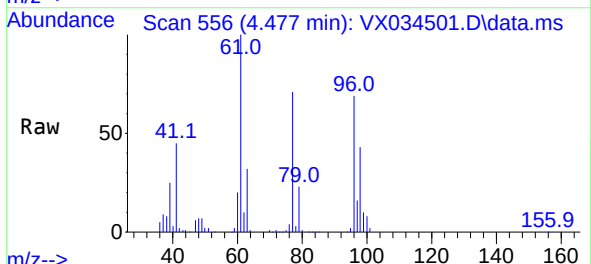
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

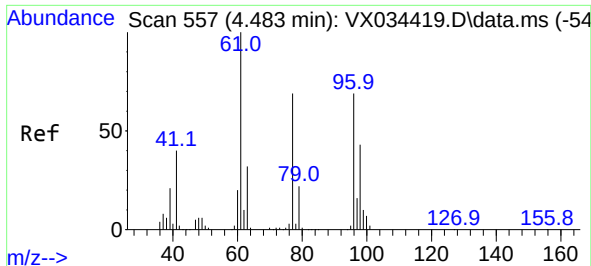
Tgt Ion: 43 Resp: 603200  
Ion Ratio Lower Upper  
43 100  
72 24.7 19.3 28.9



#26  
2,2-Dichloropropane  
Concen: 33.007 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 77 Resp: 167761  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.4 34.1

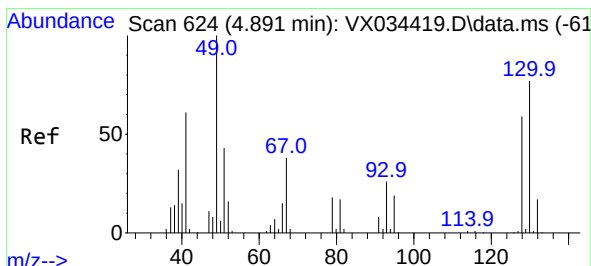
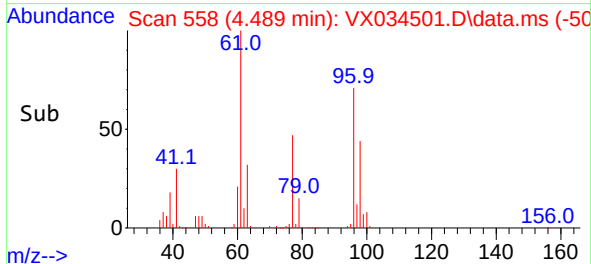
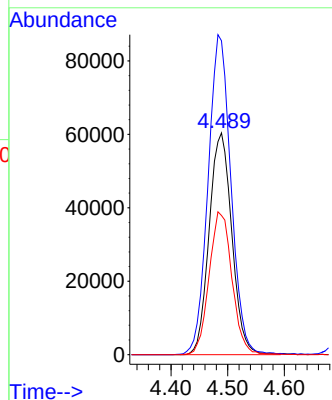
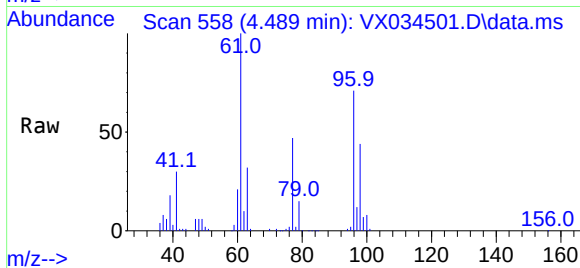




#27  
cis-1,2-Dichloroethene  
Concen: 46.667 ug/l  
RT: 4.489 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

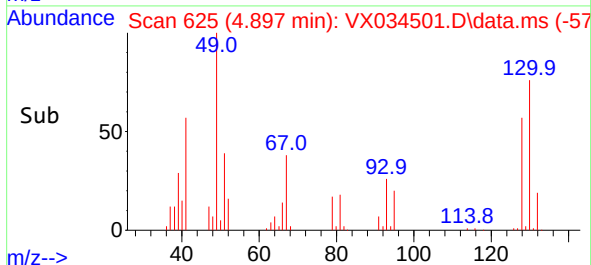
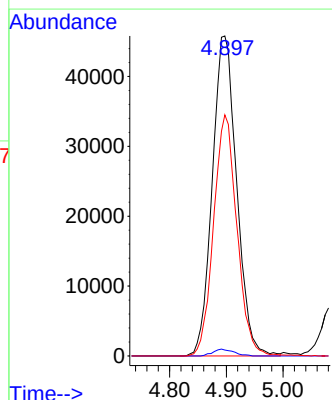
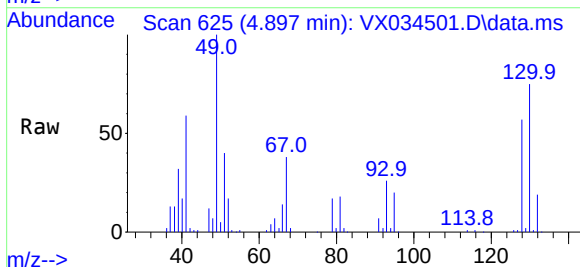
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

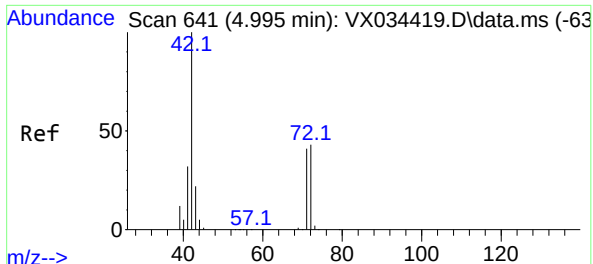
Tgt Ion: 96 Resp: 167889  
Ion Ratio Lower Upper  
96 100  
61 145.5 0.0 300.4  
98 64.9 0.0 129.0



#28  
Bromochloromethane  
Concen: 50.307 ug/l  
RT: 4.897 min Scan# 625  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 49 Resp: 136770  
Ion Ratio Lower Upper  
49 100  
129 1.8 0.0 4.0  
130 72.2 58.2 87.2

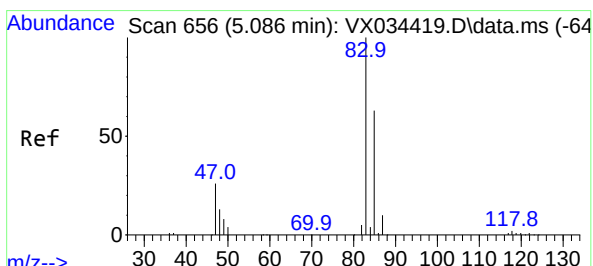
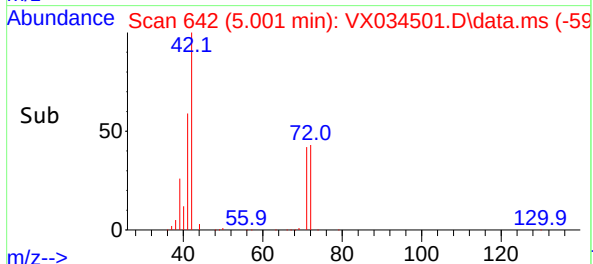
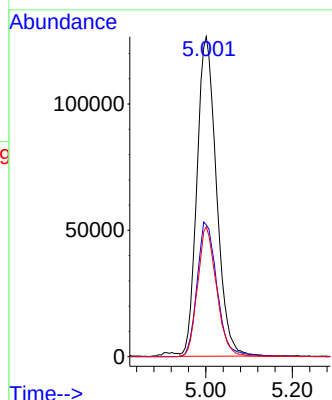
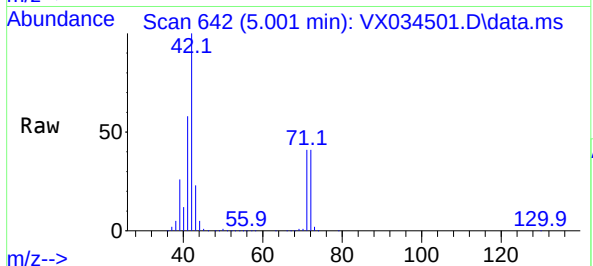




#29  
Tetrahydrofuran  
Concen: 254.346 ug/l  
RT: 5.001 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

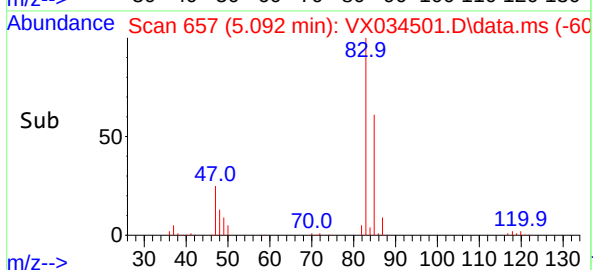
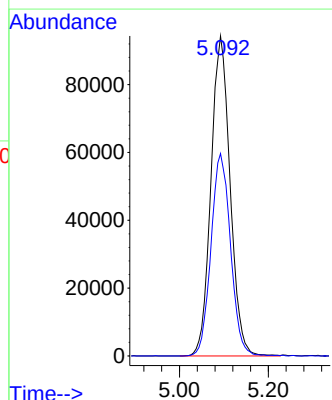
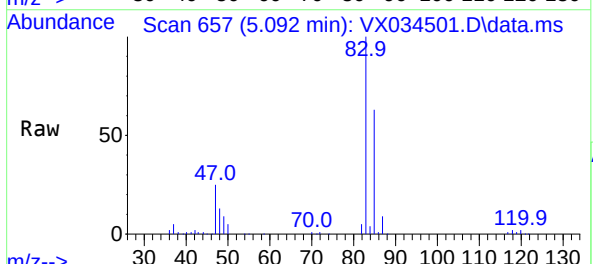
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

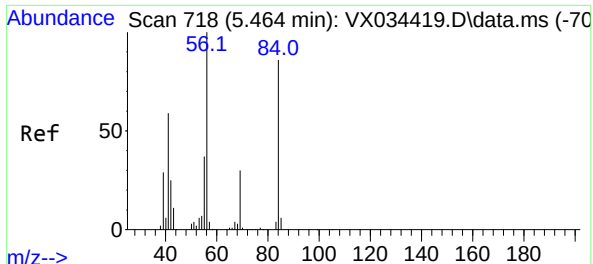
Tgt Ion: 42 Resp: 395584  
Ion Ratio Lower Upper  
42 100  
72 43.1 34.5 51.7  
71 39.5 32.1 48.1



#30  
Chloroform  
Concen: 49.213 ug/l  
RT: 5.092 min Scan# 657  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

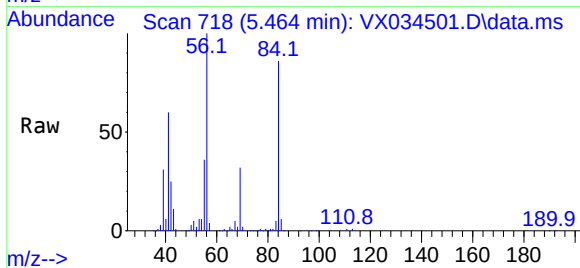
Tgt Ion: 83 Resp: 282070  
Ion Ratio Lower Upper  
83 100  
85 63.3 50.6 76.0





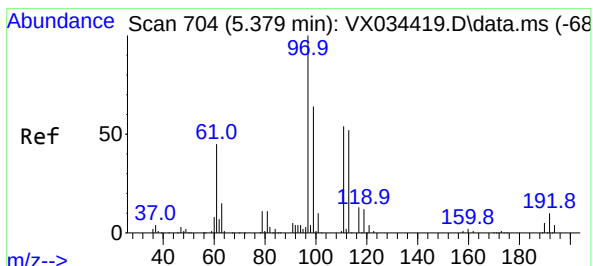
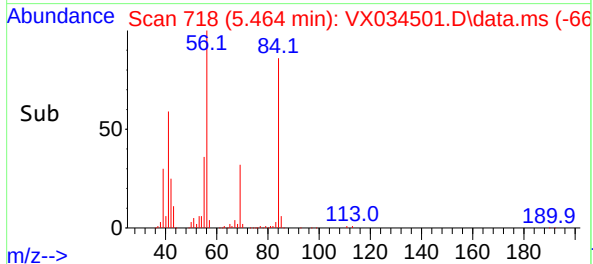
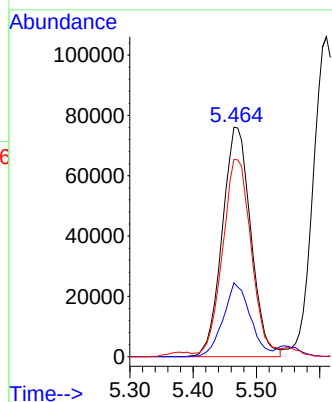
#31  
Cyclohexane  
Concen: 45.438 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 238303

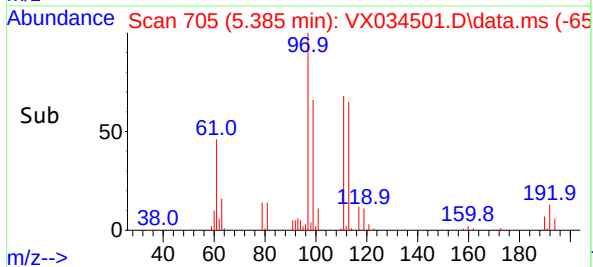
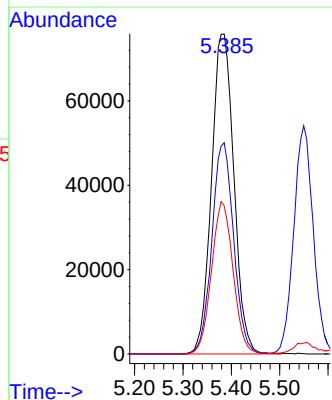
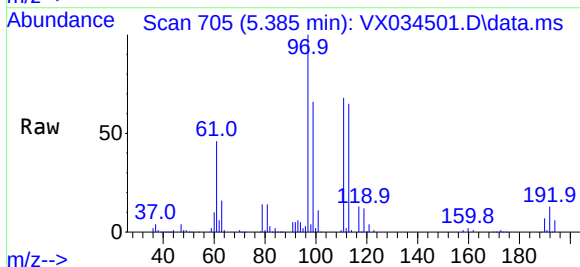
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.2  | 23.7  | 35.5  |
| 84  | 83.9  | 68.5  | 102.7 |

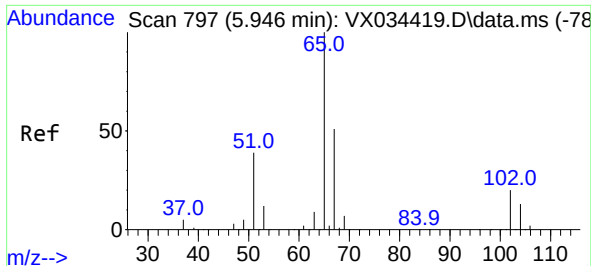


#32  
1,1,1-Trichloroethane  
Concen: 47.951 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 97 Resp: 243300

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.3  | 51.1  | 76.7  |
| 61  | 46.0  | 36.5  | 54.7  |

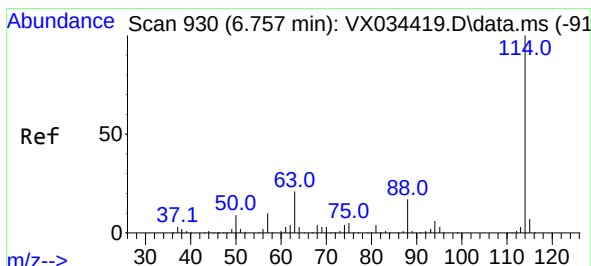
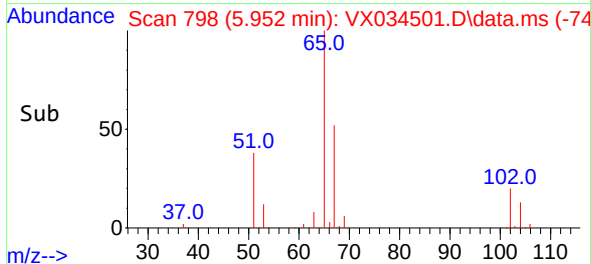
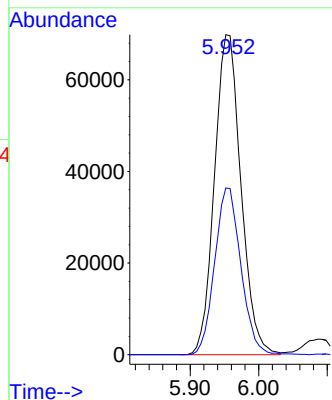
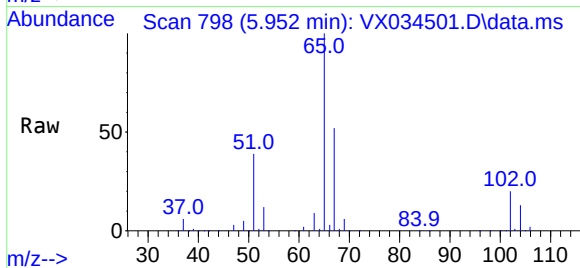




#33  
1,2-Dichloroethane-d4  
Concen: 50.088 ug/l  
RT: 5.952 min Scan# 79  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

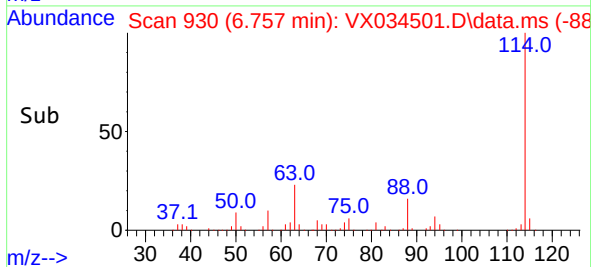
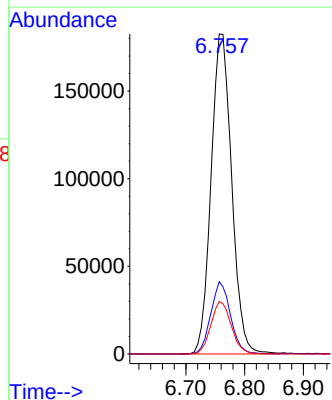
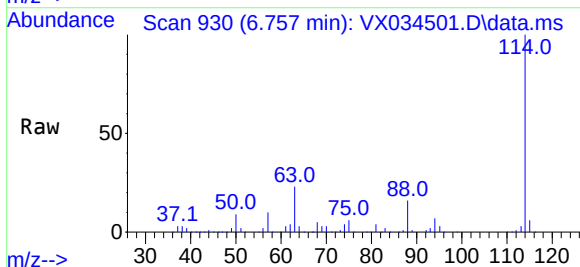
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

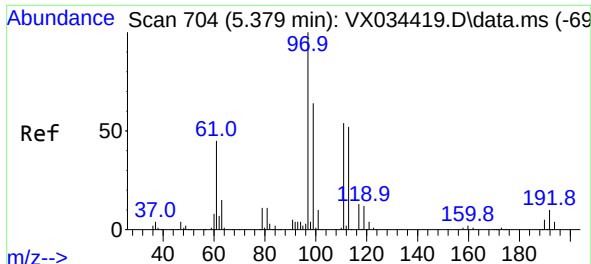
Tgt Ion: 65 Resp: 187308  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 104.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 114 Resp: 444669  
Ion Ratio Lower Upper  
114 100  
63 22.6 0.0 42.2  
88 16.4 0.0 33.2

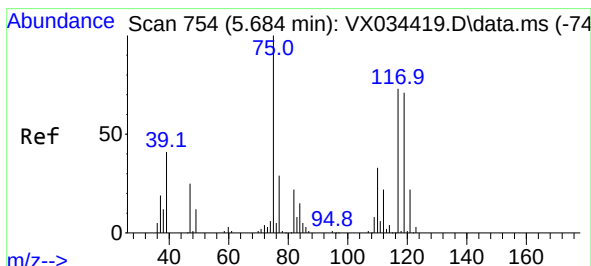
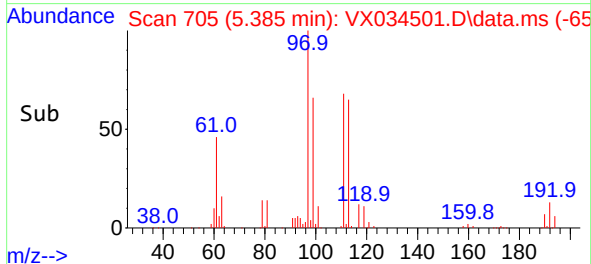
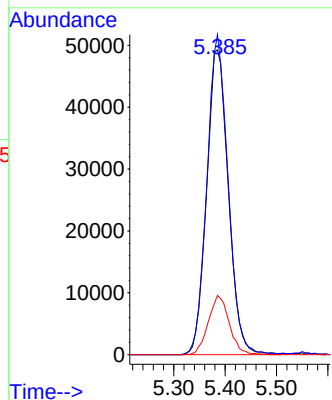
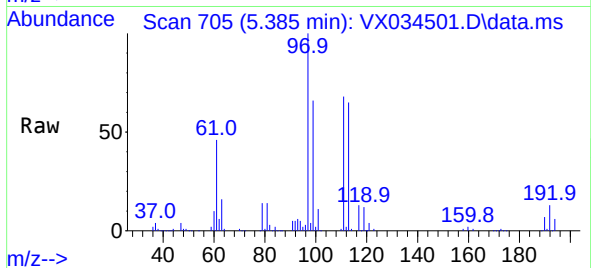




#35  
Dibromofluoromethane  
Concen: 49.357 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

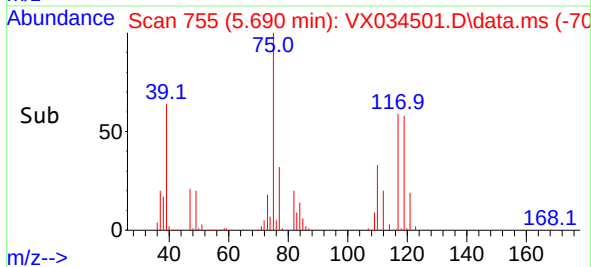
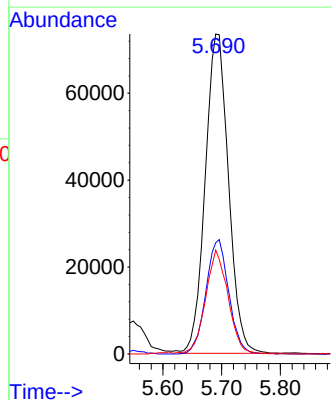
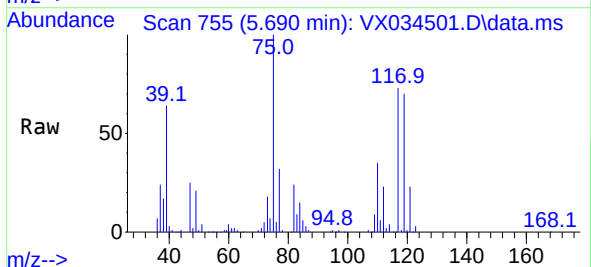
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

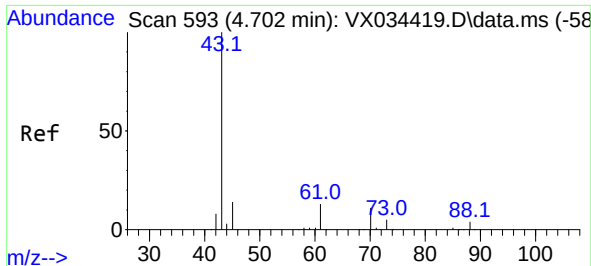
Tgt Ion:113 Resp: 144909  
Ion Ratio Lower Upper  
113 100  
111 102.5 83.7 125.5  
192 18.7 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 44.861 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 75 Resp: 202294  
Ion Ratio Lower Upper  
75 100  
110 35.2 17.5 52.5  
77 31.4 24.3 36.5





#37

Ethyl Acetate

Concen: 47.949 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

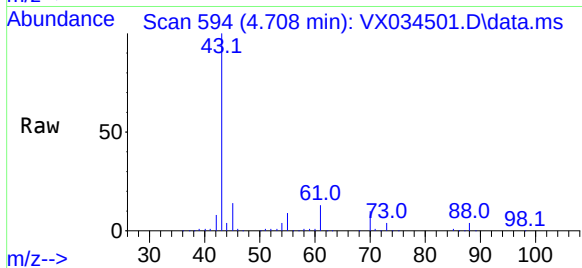
Tgt Ion: 43 Resp: 236216

Ion Ratio Lower Upper

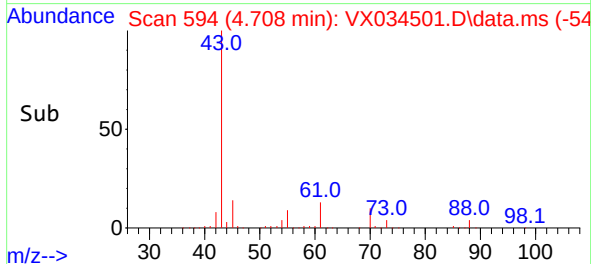
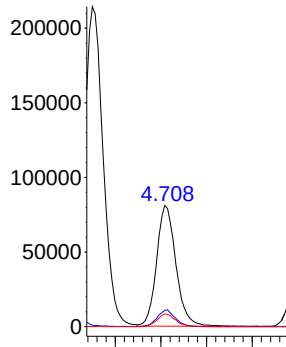
43 100

61 13.2 10.2 15.4

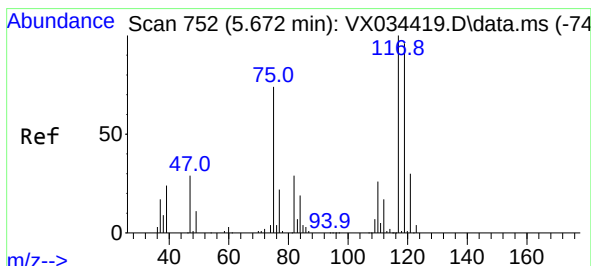
70 10.1 8.2 12.4



Abundance



Time-->



#38

Carbon Tetrachloride

Concen: 45.027 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

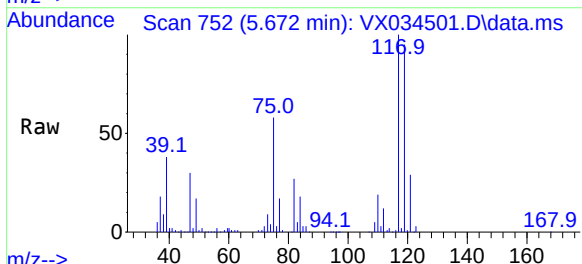
Tgt Ion: 117 Resp: 201991

Ion Ratio Lower Upper

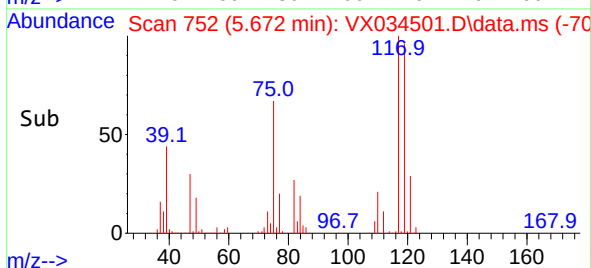
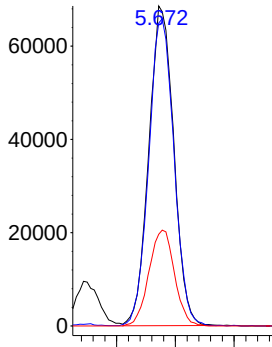
117 100

119 94.7 76.6 114.8

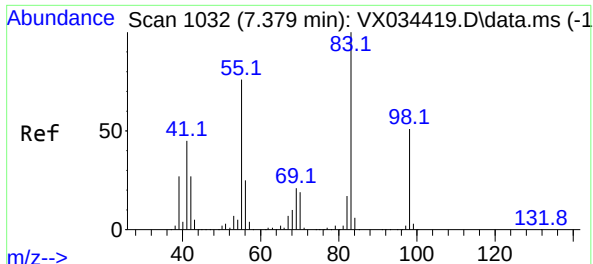
121 28.7 23.8 35.6



Abundance



Time-->



#39

Methylcyclohexane

Concen: 42.722 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

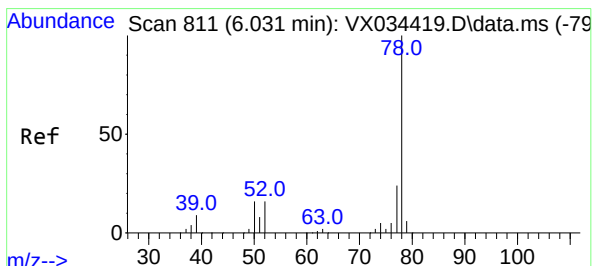
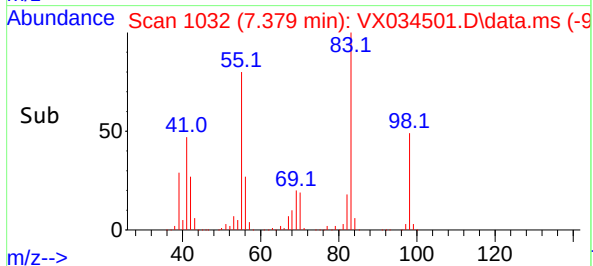
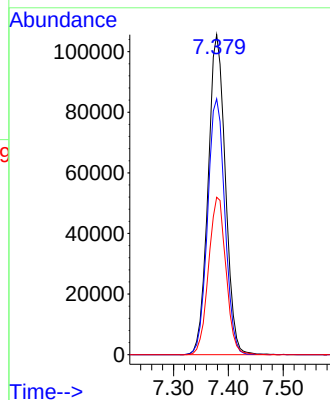
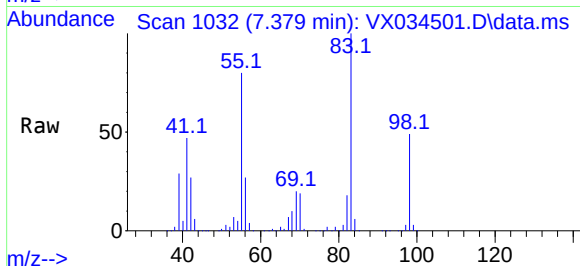
Tgt Ion: 83 Resp: 230548

Ion Ratio Lower Upper

83 100

55 79.9 60.5 90.7

98 49.2 40.4 60.6



#40

Benzene

Concen: 46.316 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034501.D

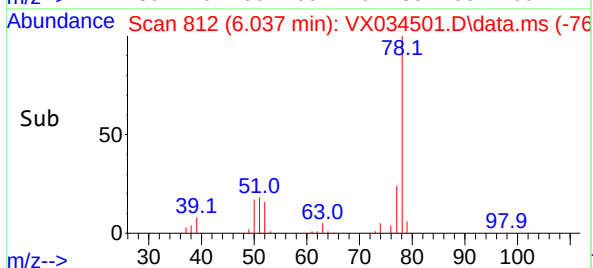
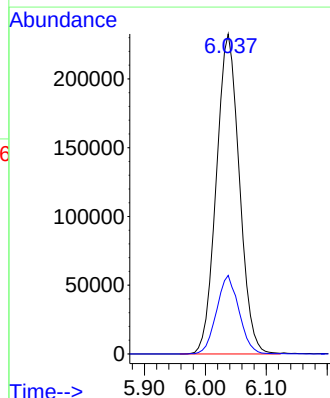
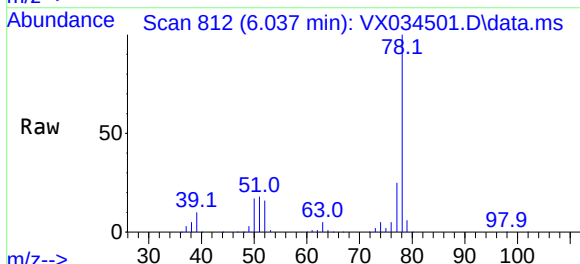
Acq: 15 Mar 2023 12:06

Tgt Ion: 78 Resp: 610978

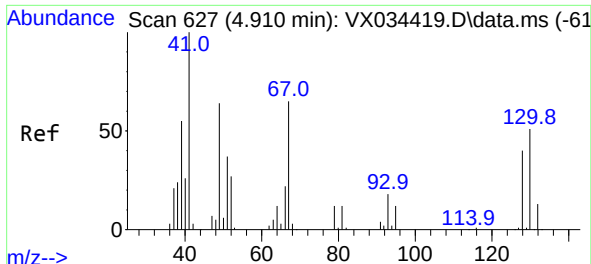
Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.4



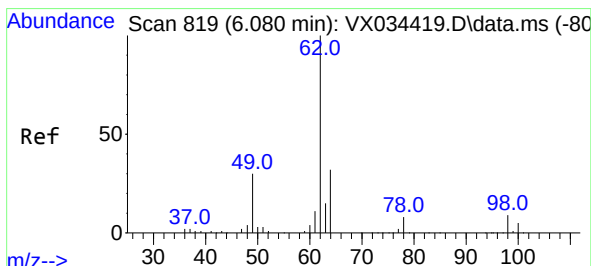
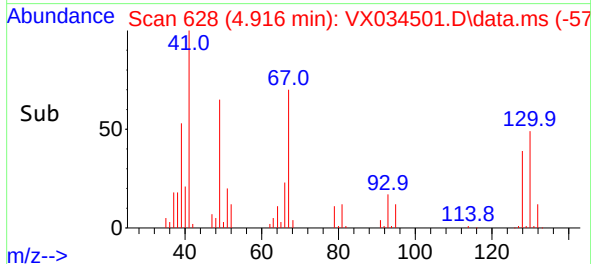
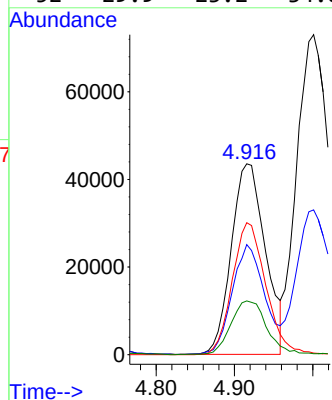
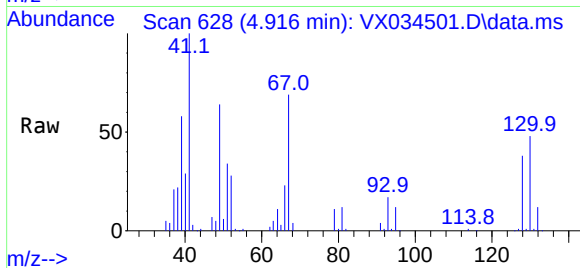




#41  
Methacrylonitrile  
Concen: 48.823 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

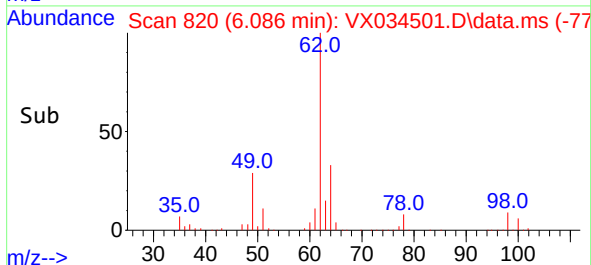
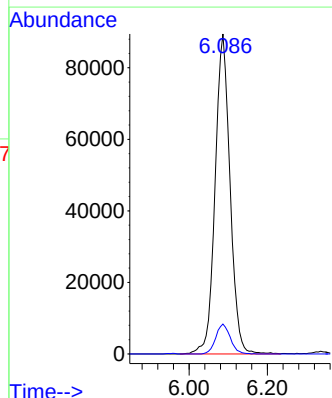
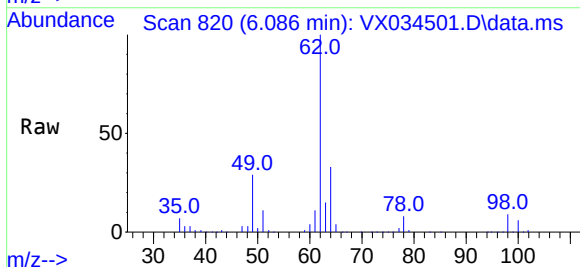
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

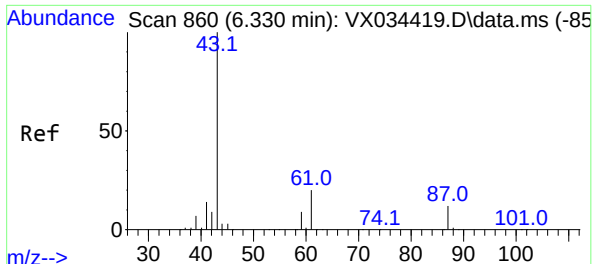
Tgt Ion: 41 Resp: 131813  
Ion Ratio Lower Upper  
41 100  
39 55.2 45.0 67.6  
67 68.4 55.6 83.4  
52 29.9 23.2 34.8



#42  
1,2-Dichloroethane  
Concen: 48.798 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 62 Resp: 236580  
Ion Ratio Lower Upper  
62 100  
98 9.1 0.0 18.0

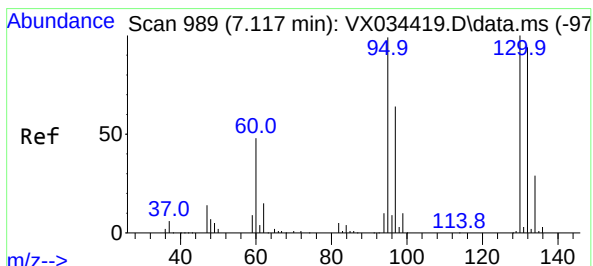
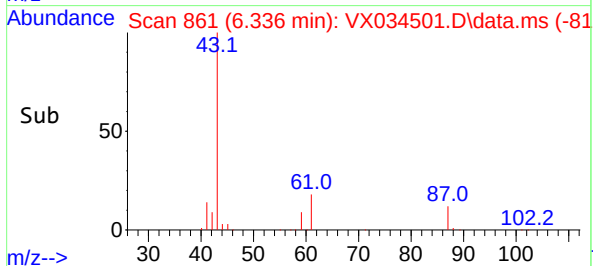
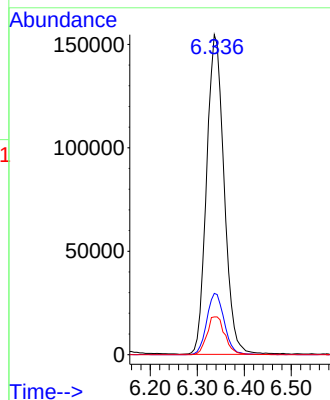
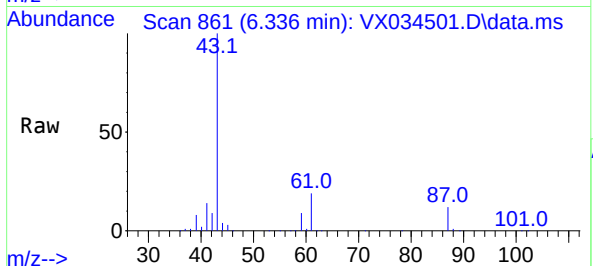




#43  
Isopropyl Acetate  
Concen: 47.803 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

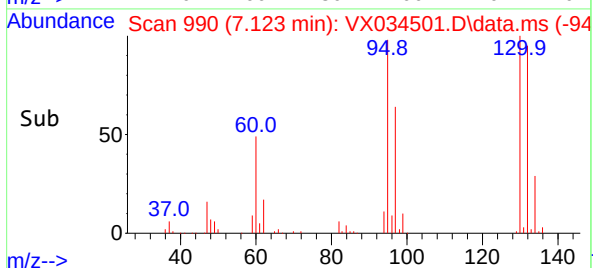
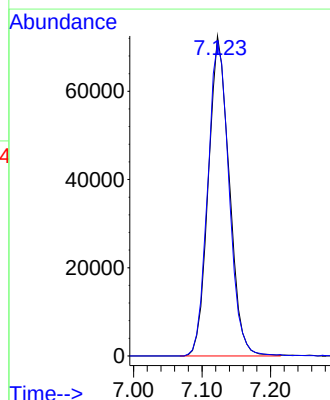
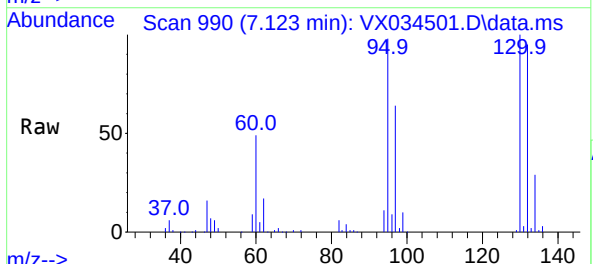
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

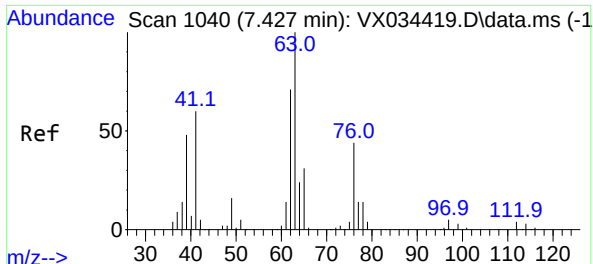
Tgt Ion: 43 Resp: 398942  
Ion Ratio Lower Upper  
43 100  
61 19.2 15.2 22.8  
87 12.2 9.8 14.8



#44  
Trichloroethene  
Concen: 44.817 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 130 Resp: 153613  
Ion Ratio Lower Upper  
130 100  
95 97.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 47.447 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

Instrument :

MSVOA\_X

ClientSampleId :

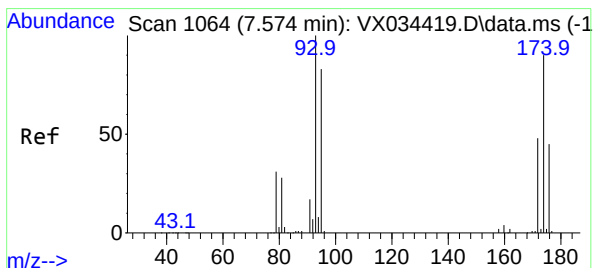
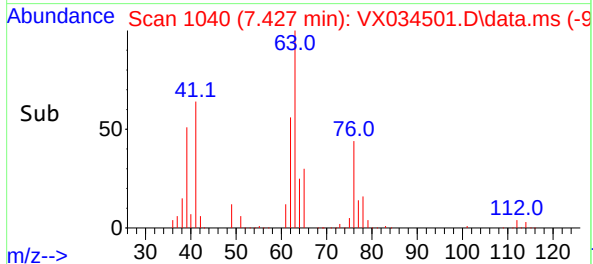
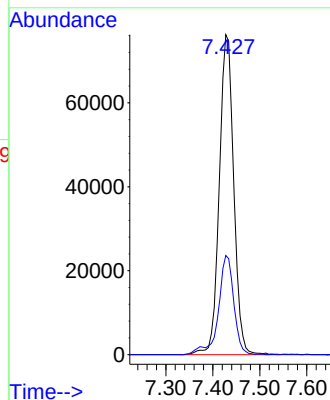
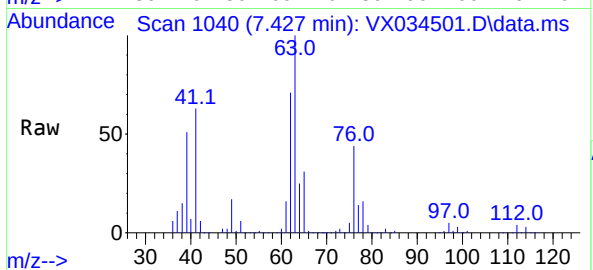
VSTDCCC050EC

Tgt Ion: 63 Resp: 163427

Ion Ratio Lower Upper

63 100

65 31.0 24.6 37.0



#46

Dibromomethane

Concen: 47.175 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

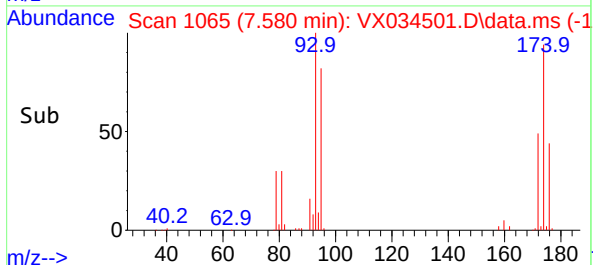
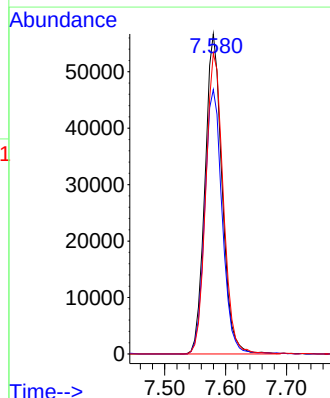
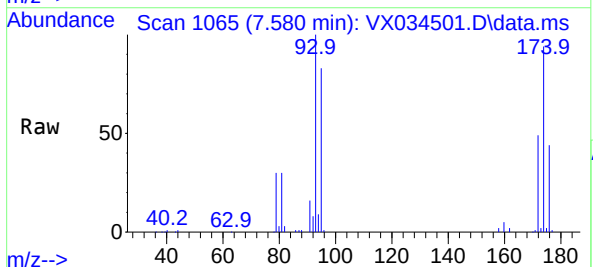
Tgt Ion: 93 Resp: 110468

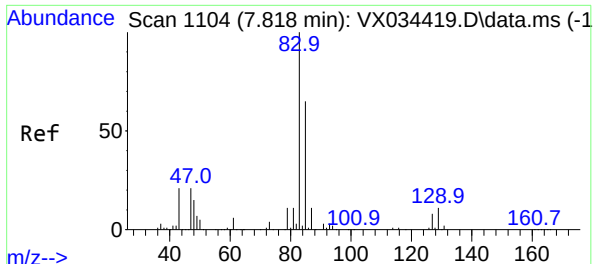
Ion Ratio Lower Upper

93 100

95 84.2 66.9 100.3

174 95.5 75.4 113.0

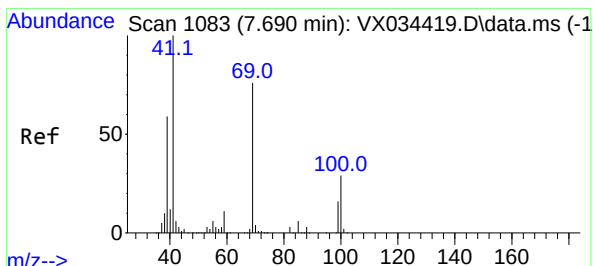
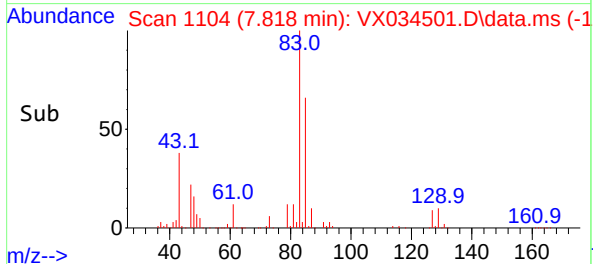
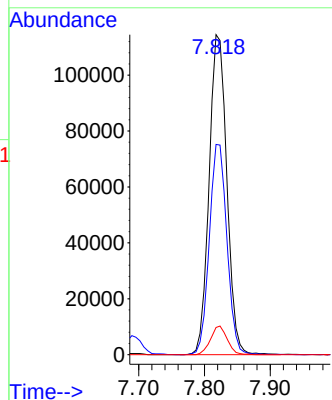
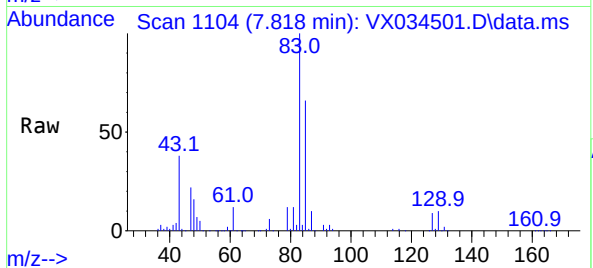




#47  
Bromodichloromethane  
Concen: 47.406 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

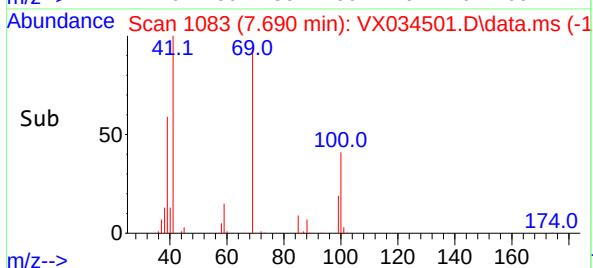
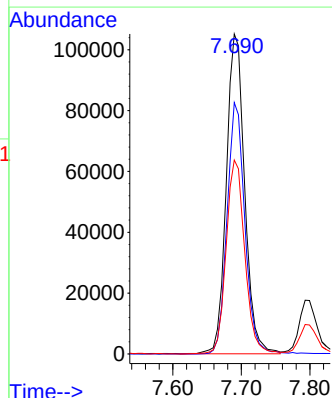
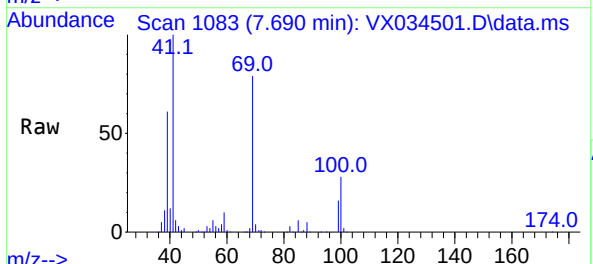
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

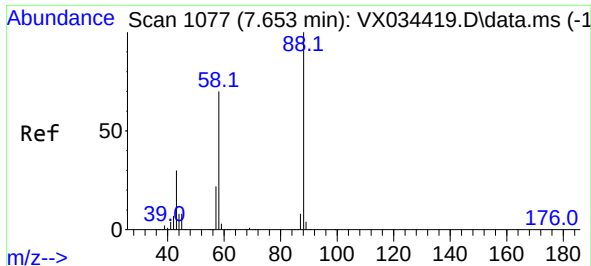
Tgt Ion: 83 Resp: 214845  
Ion Ratio Lower Upper  
83 100  
85 65.7 52.2 78.4  
127 8.5 6.6 9.8



#48  
Methyl methacrylate  
Concen: 48.612 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 41 Resp: 195117  
Ion Ratio Lower Upper  
41 100  
69 76.3 62.2 93.4  
39 61.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1071.931 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

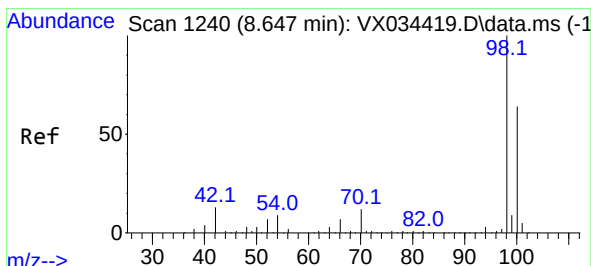
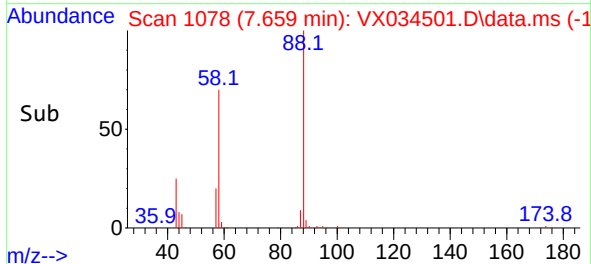
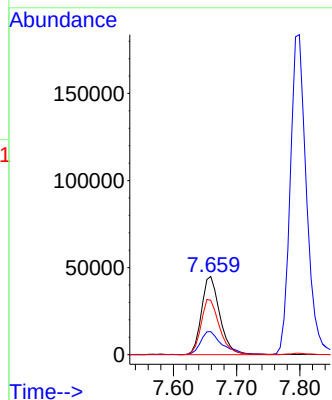
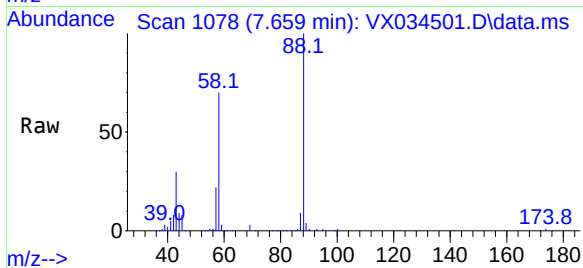
Tgt Ion: 88 Resp: 90369

Ion Ratio Lower Upper

88 100

43 34.8 27.7 41.5

58 71.6 56.8 85.2



#50

Toluene-d8

Concen: 49.479 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034501.D

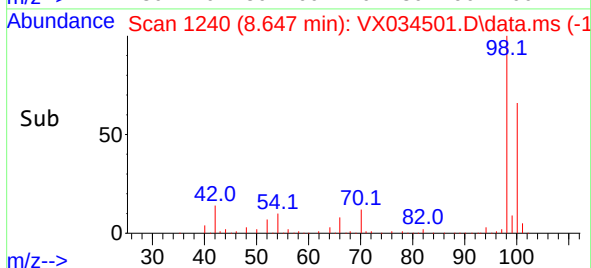
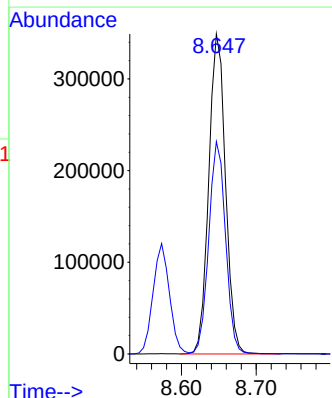
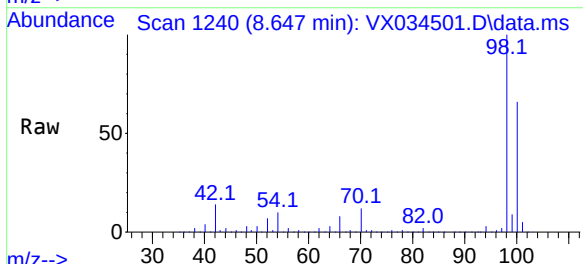
Acq: 15 Mar 2023 12:06

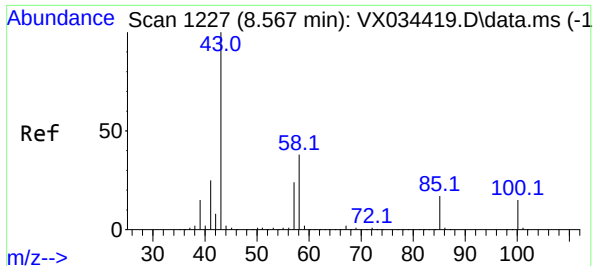
Tgt Ion: 98 Resp: 542291

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7

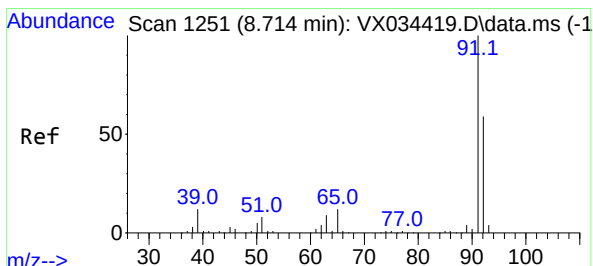
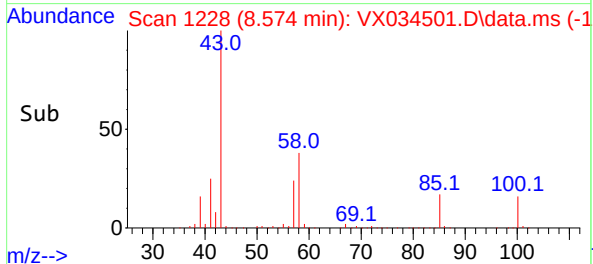
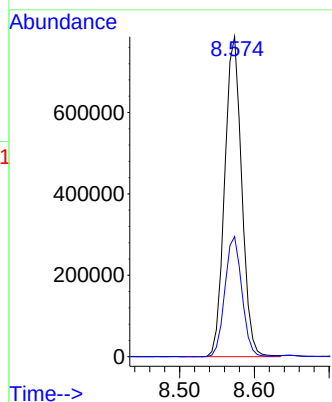
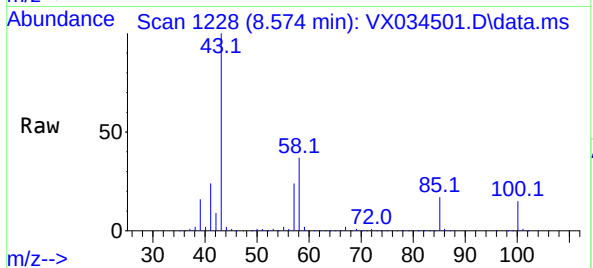




#51  
4-Methyl-2-Pentanone  
Concen: 256.850 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

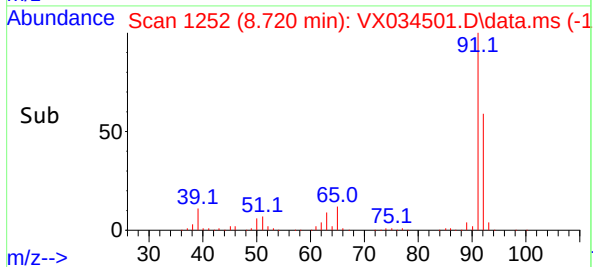
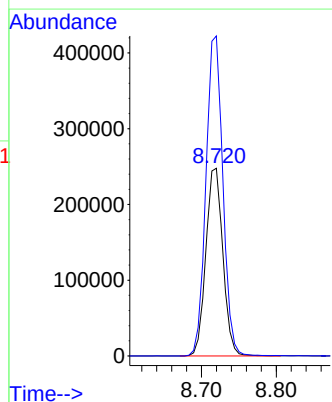
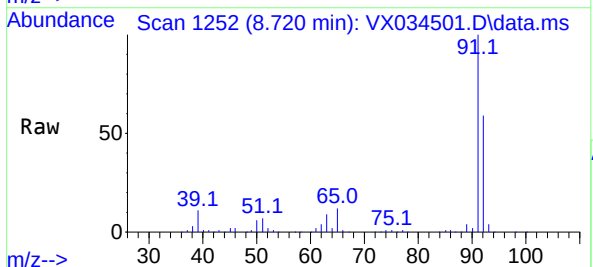
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

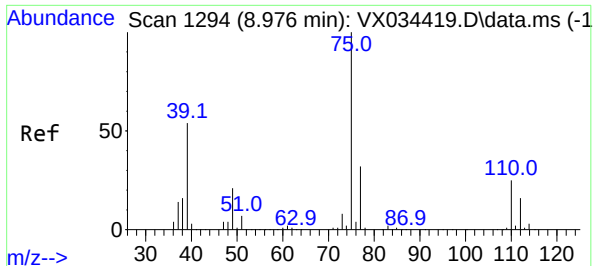
Tgt Ion: 43 Resp: 1243501  
Ion Ratio Lower Upper  
43 100  
58 37.6 30.6 46.0



#52  
Toluene  
Concen: 48.008 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 92 Resp: 392086  
Ion Ratio Lower Upper  
92 100  
91 169.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 45.109 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

Instrument :

MSVOA\_X

ClientSampleId :

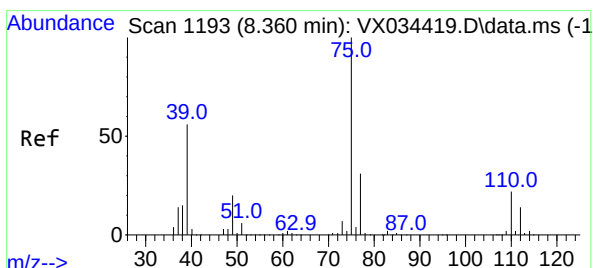
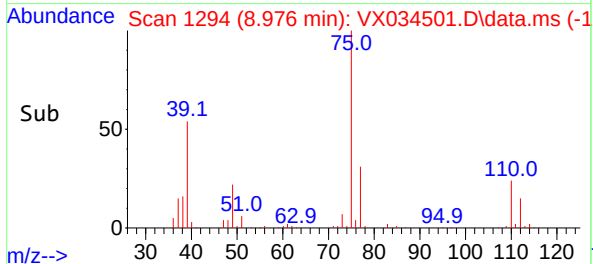
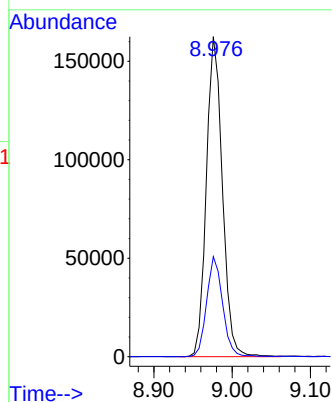
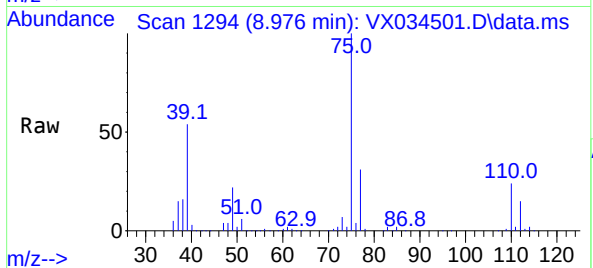
VSTDCCC050EC

Tgt Ion: 75 Resp: 230315

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 44.267 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

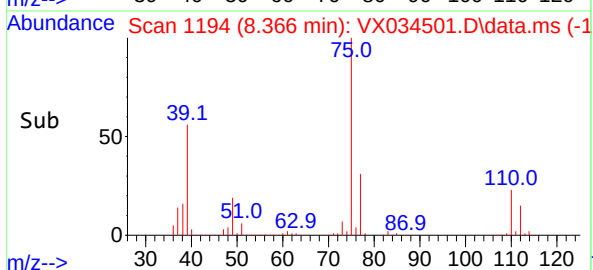
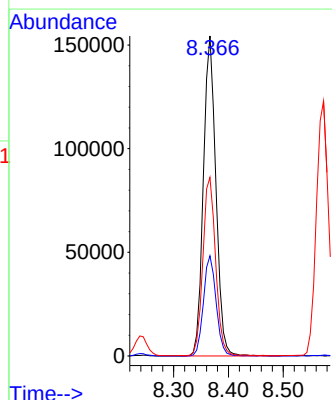
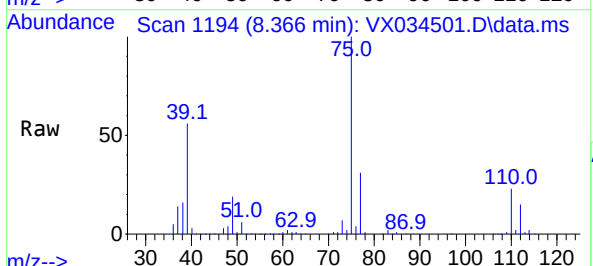
Tgt Ion: 75 Resp: 244527

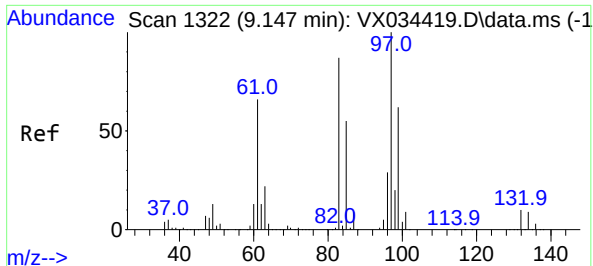
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

39 55.7 44.6 66.8



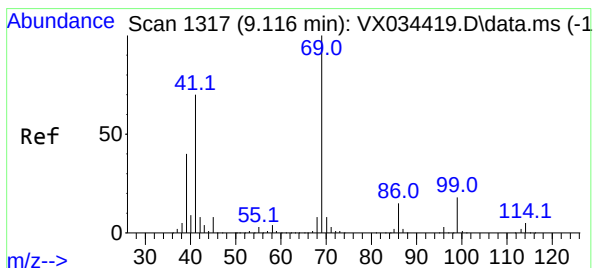
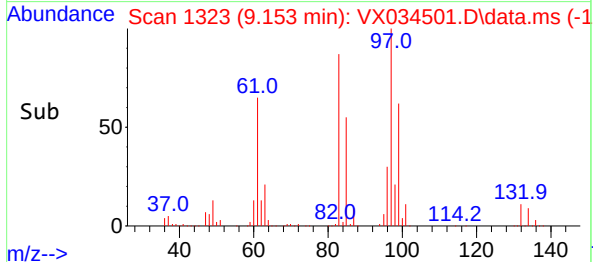
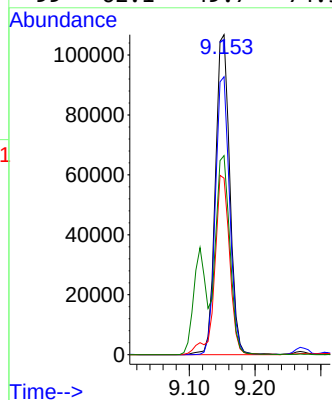
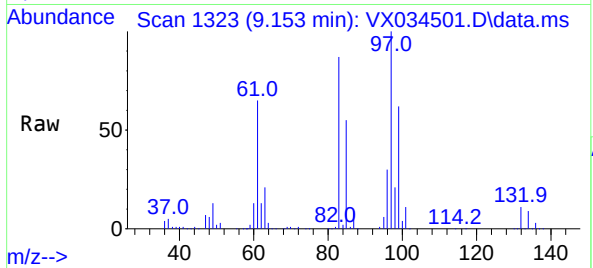


#55  
1,1,2-Trichloroethane  
Concen: 50.067 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 162279

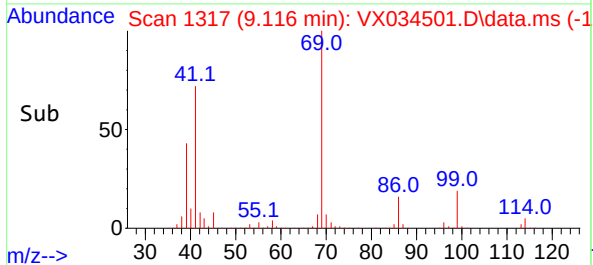
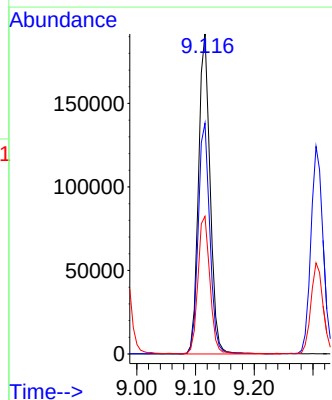
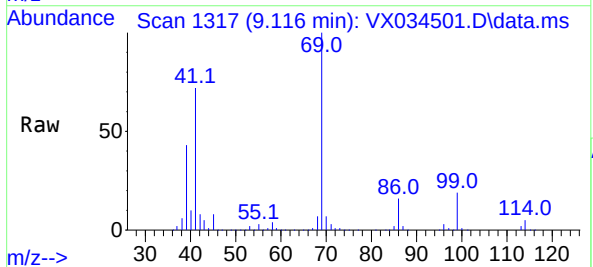
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.8  | 69.7  | 104.5 |
| 85  | 55.2  | 43.7  | 65.5  |
| 99  | 62.1  | 49.7  | 74.5  |



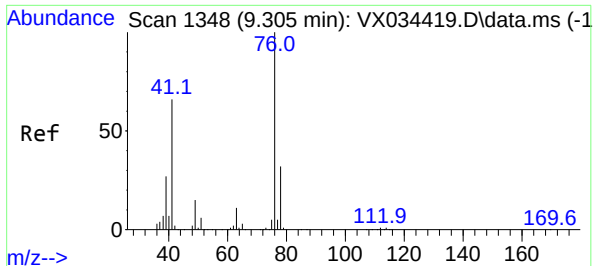
#56  
Ethyl methacrylate  
Concen: 49.300 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 69 Resp: 262359

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.2  | 57.4  | 86.0  |
| 39  | 44.0  | 33.7  | 50.5  |



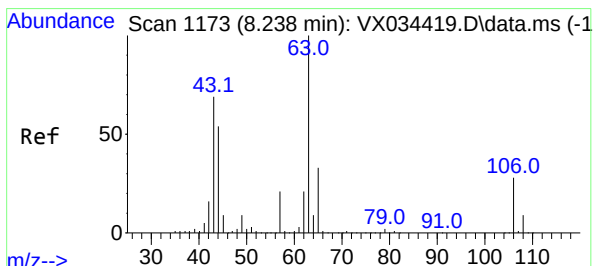
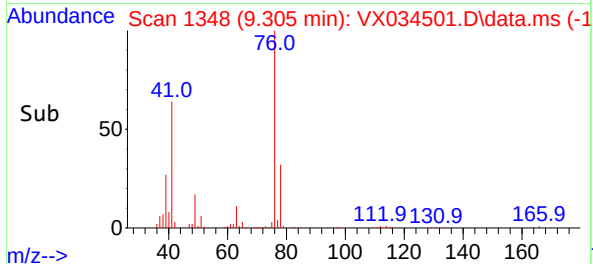
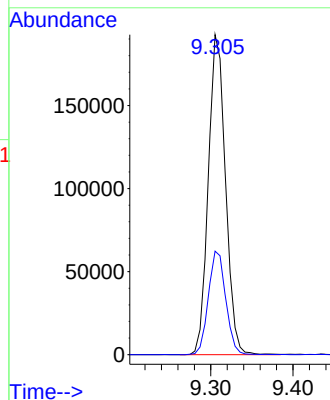
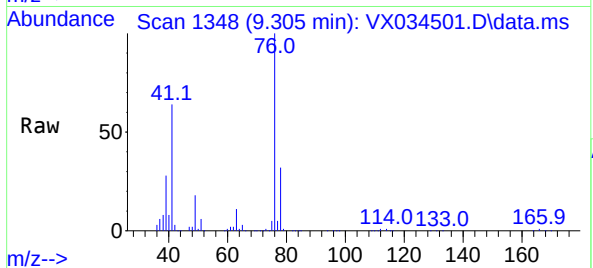




#57  
1,3-Dichloropropane  
Concen: 48.565 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

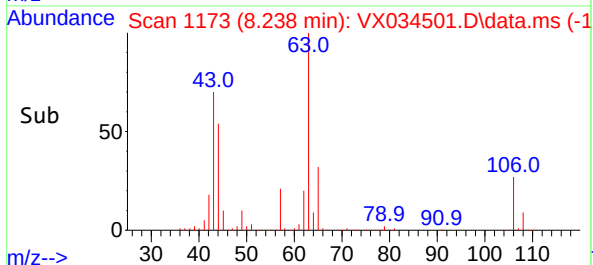
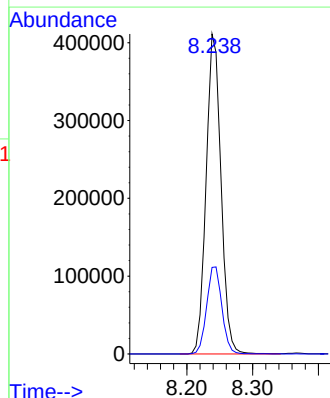
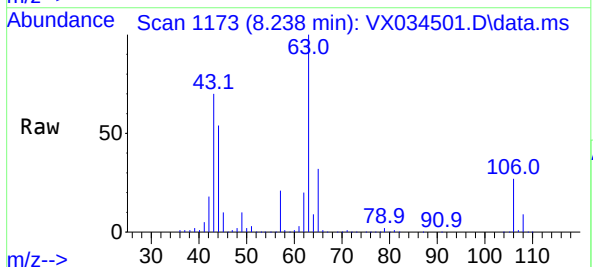
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

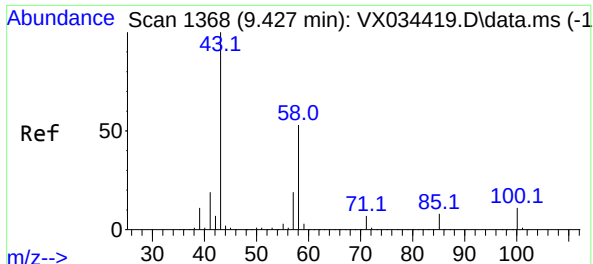
Tgt Ion: 76 Resp: 279759  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 235.790 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 63 Resp: 646673  
Ion Ratio Lower Upper  
63 100  
106 27.9 22.2 33.2





#59

2-Hexanone

Concen: 252.841 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

Instrument :

MSVOA\_X

ClientSampleId :

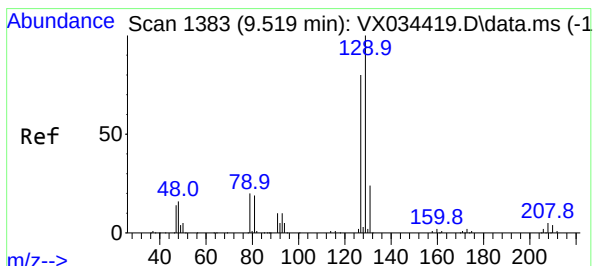
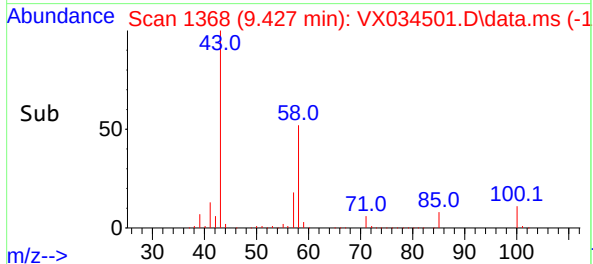
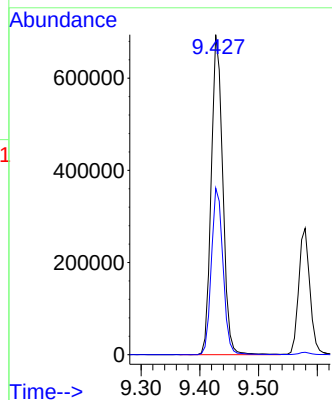
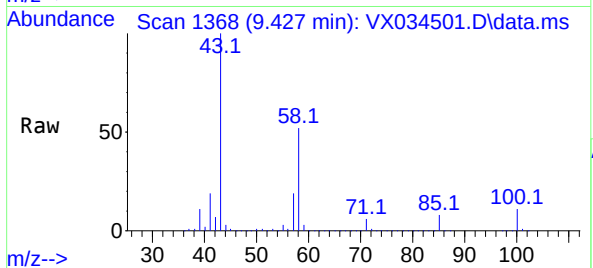
VSTDCCC050EC

Tgt Ion: 43 Resp: 946243

Ion Ratio Lower Upper

43 100

58 52.5 26.3 78.9



#60

Dibromochloromethane

Concen: 48.972 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034501.D

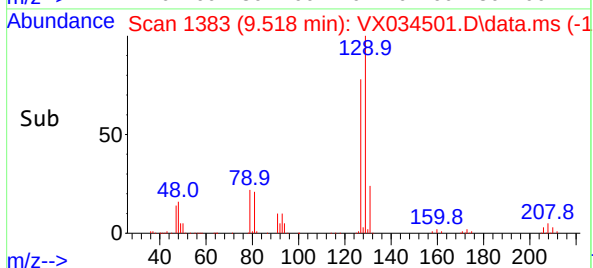
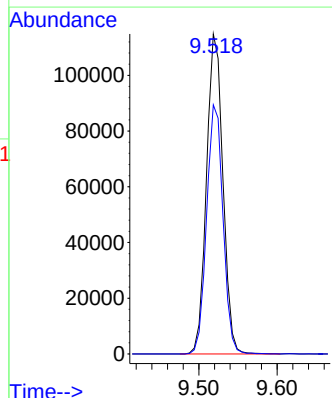
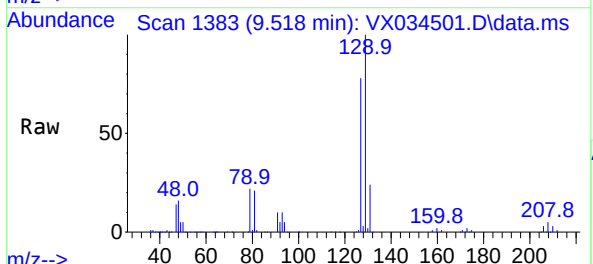
Acq: 15 Mar 2023 12:06

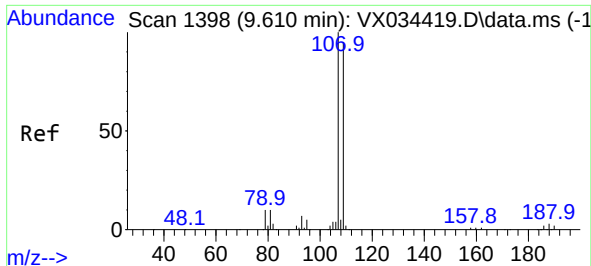
Tgt Ion:129 Resp: 166473

Ion Ratio Lower Upper

129 100

127 77.8 39.0 117.0

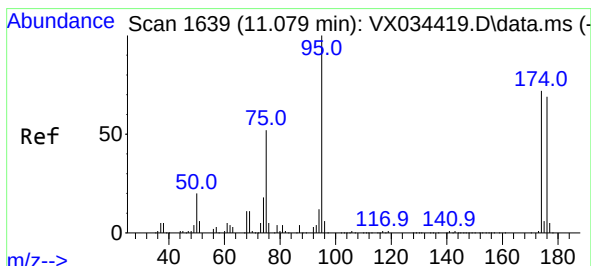
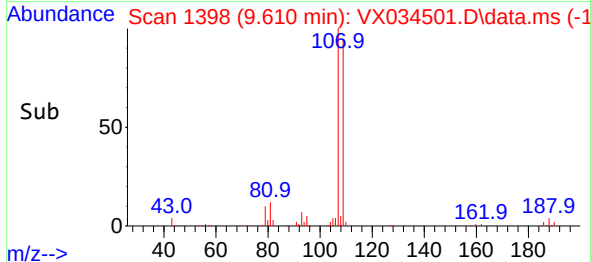
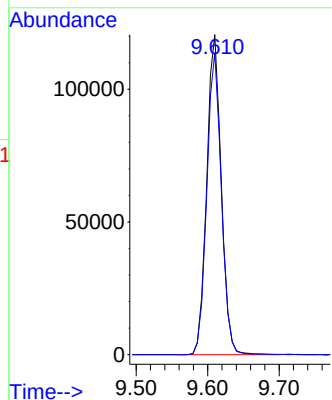
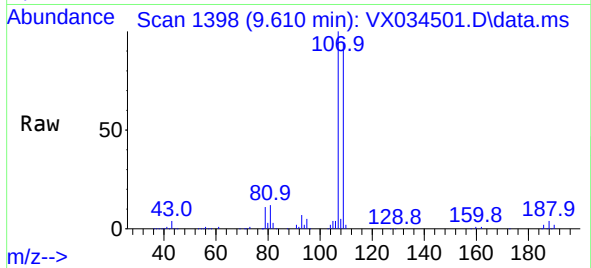




#61  
1,2-Dibromoethane  
Concen: 48.681 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

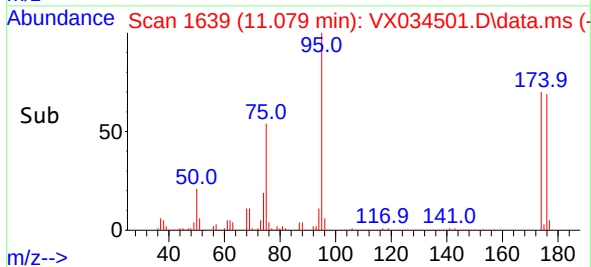
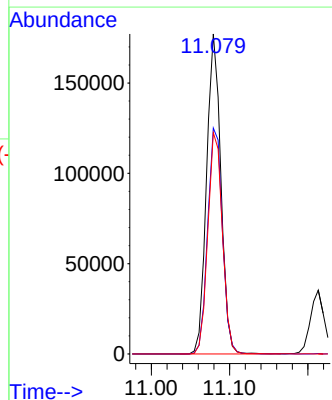
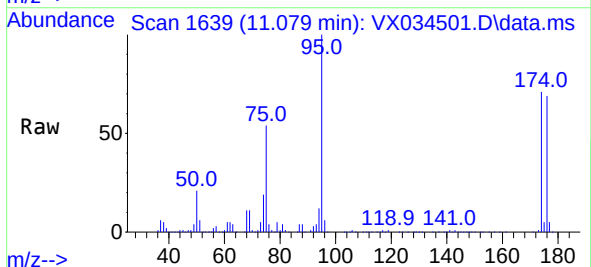
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

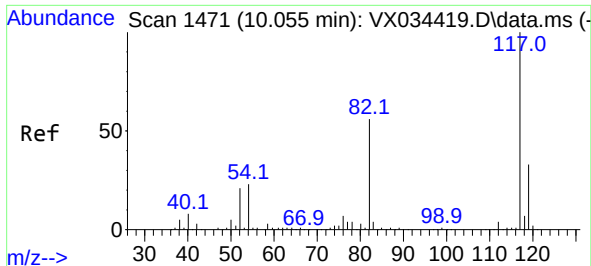
Tgt Ion:107 Resp: 170266  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 50.469 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 95 Resp: 223427  
Ion Ratio Lower Upper  
95 100  
174 72.9 0.0 147.4  
176 70.6 0.0 140.6

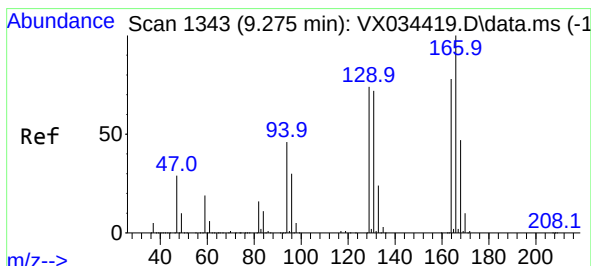
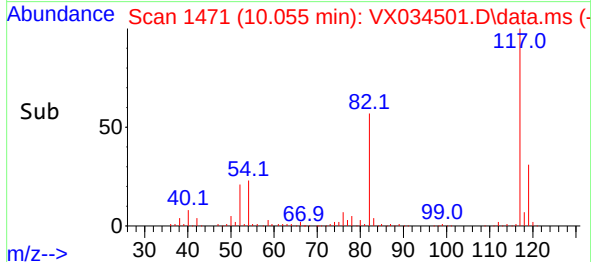
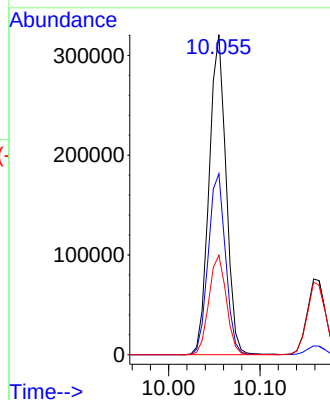
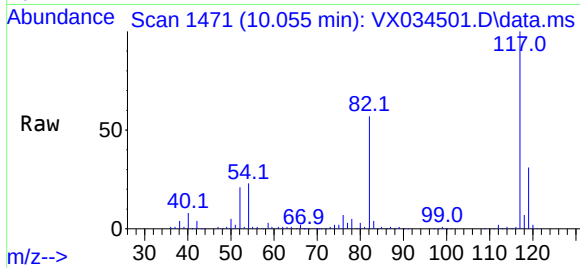




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

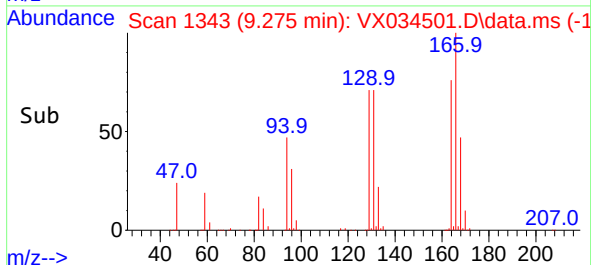
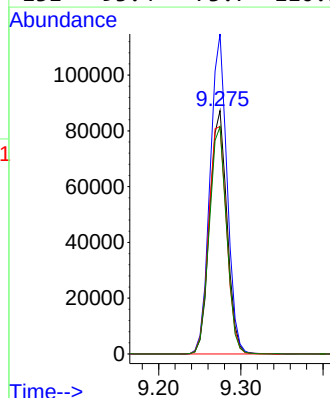
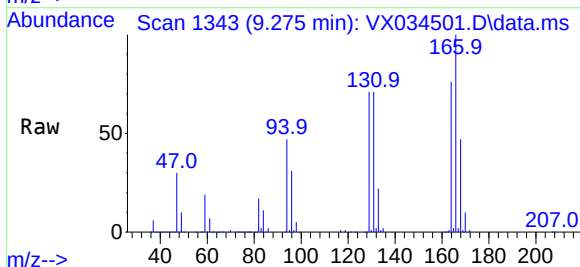
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

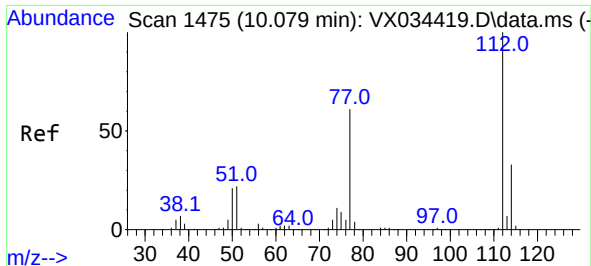
Tgt Ion:117 Resp: 412573  
Ion Ratio Lower Upper  
117 100  
82 56.6 45.0 67.4  
119 31.1 26.0 39.0



#64  
Tetrachloroethene  
Concen: 46.114 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion:164 Resp: 127800  
Ion Ratio Lower Upper  
164 100  
166 131.5 102.7 154.1  
129 93.5 75.6 113.4  
131 93.4 73.7 110.5

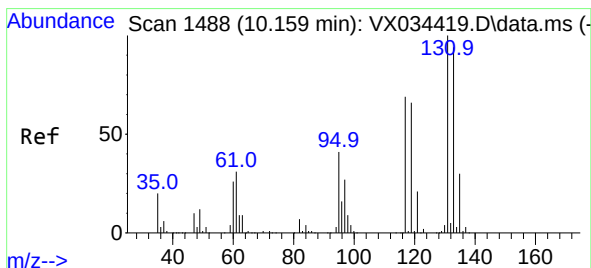
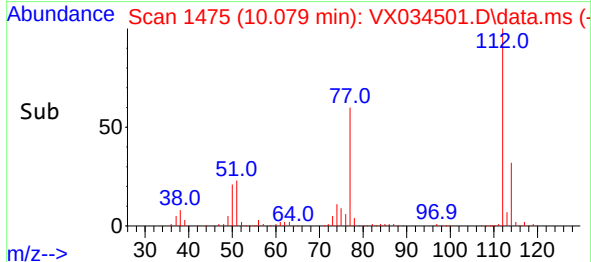
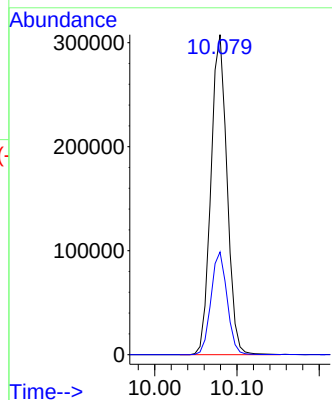
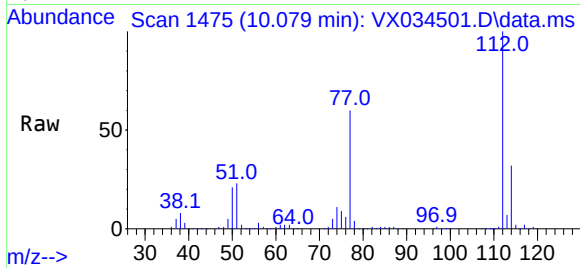




#65  
Chlorobenzene  
Concen: 46.218 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

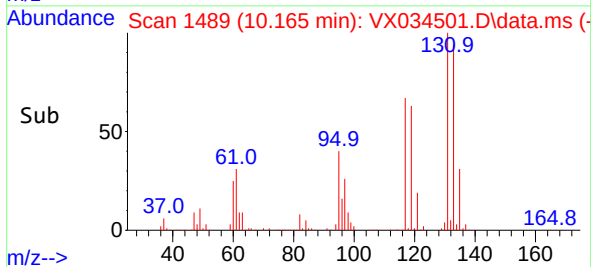
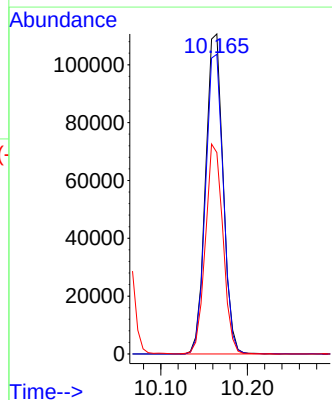
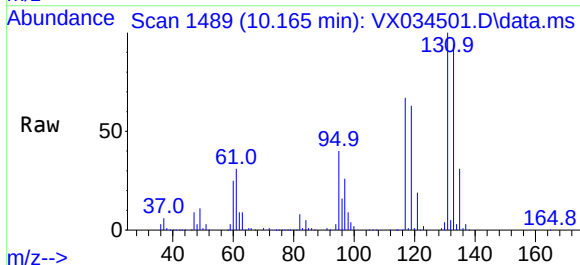
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

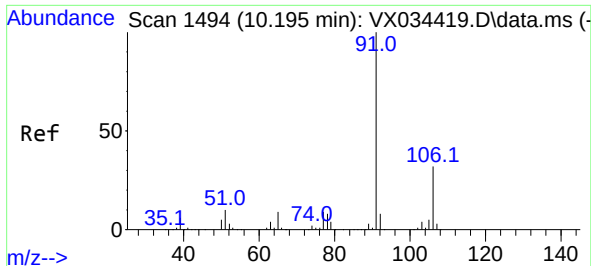
Tgt Ion:112 Resp: 418372  
Ion Ratio Lower Upper  
112 100  
114 32.1 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.184 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion:131 Resp: 155561  
Ion Ratio Lower Upper  
131 100  
133 94.6 47.1 141.4  
119 65.6 32.6 98.0





#67

Ethyl Benzene

Concen: 47.251 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

Instrument :

MSVOA\_X

ClientSampleId :

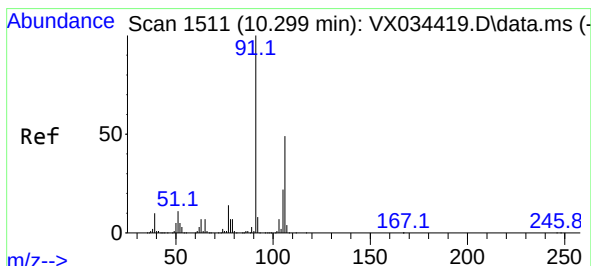
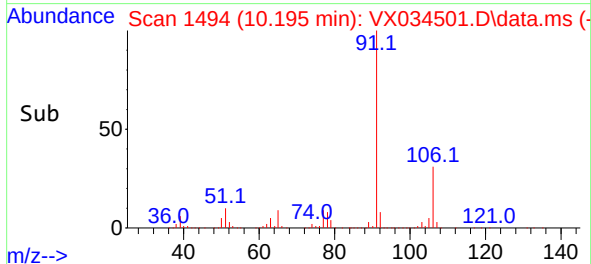
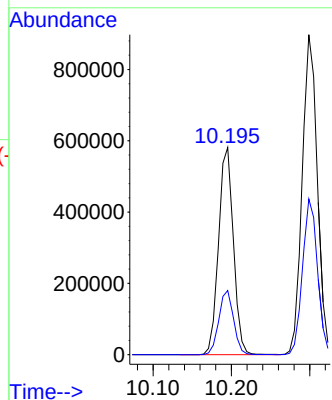
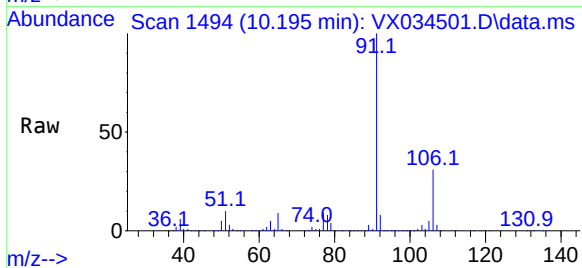
VSTDCCC050EC

Tgt Ion: 91 Resp: 765722

Ion Ratio Lower Upper

91 100

106 30.9 25.6 38.4



#68

m/p-Xylenes

Concen: 93.521 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX034501.D

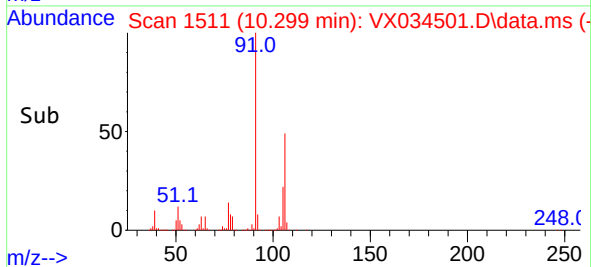
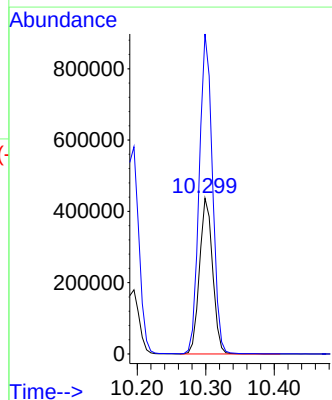
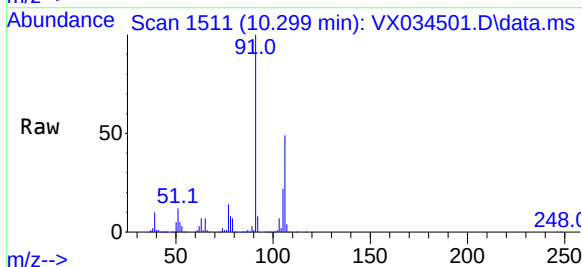
Acq: 15 Mar 2023 12:06

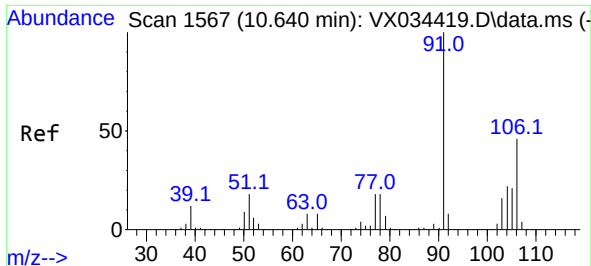
Tgt Ion: 106 Resp: 582187

Ion Ratio Lower Upper

106 100

91 207.5 164.0 246.0

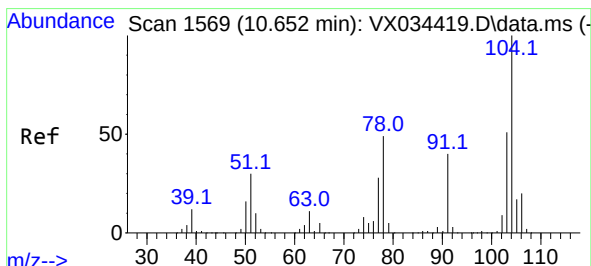
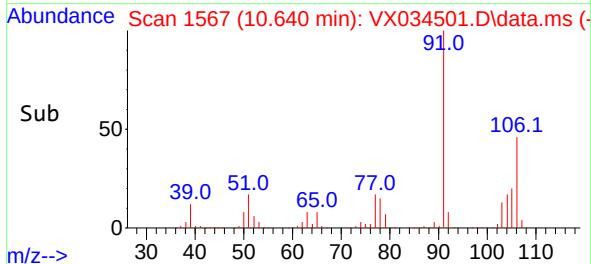
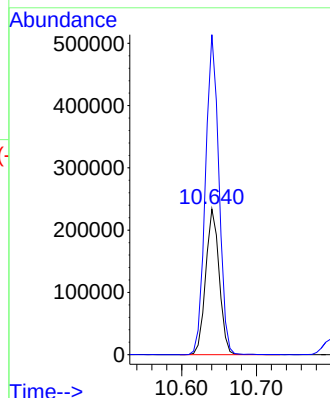
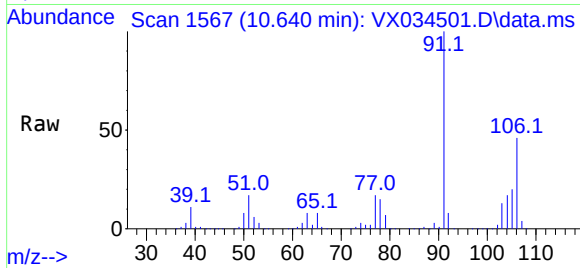




#69  
o-Xylene  
Concen: 46.912 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

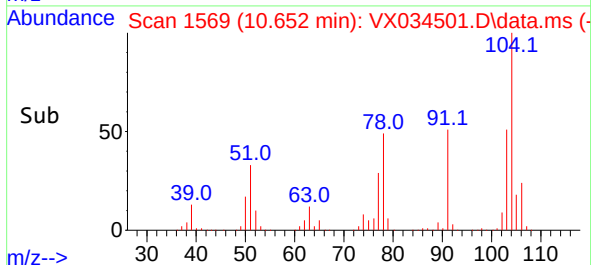
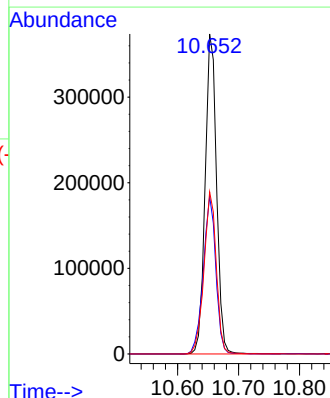
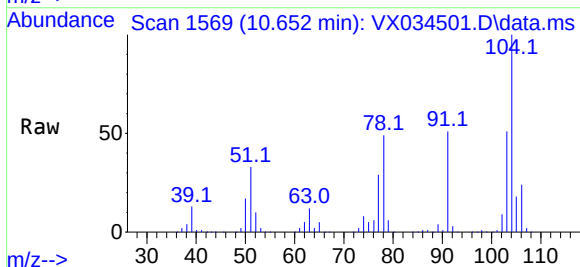
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

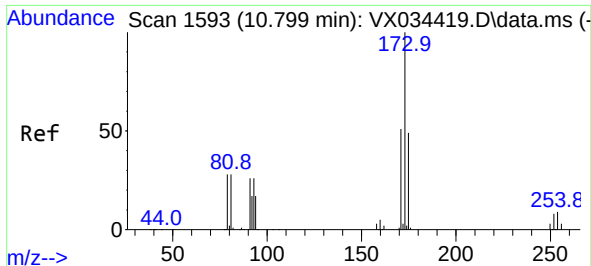
Tgt Ion:106 Resp: 293072  
Ion Ratio Lower Upper  
106 100  
91 219.5 108.5 325.3



#70  
Styrene  
Concen: 48.416 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion:104 Resp: 487994  
Ion Ratio Lower Upper  
104 100  
78 54.2 43.4 65.2  
103 54.8 44.2 66.2

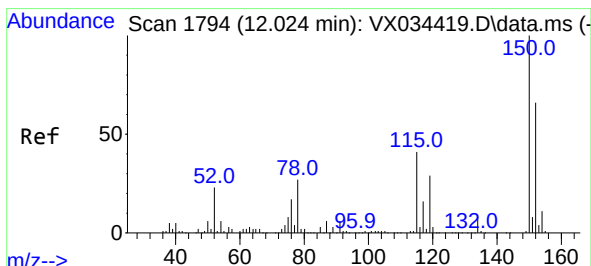
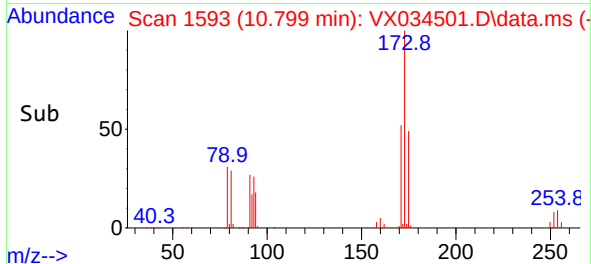
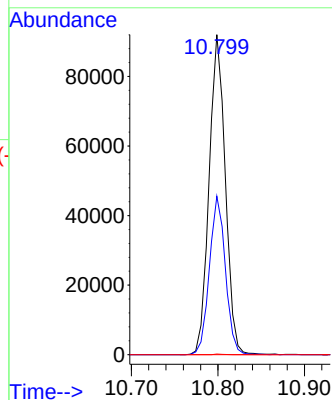
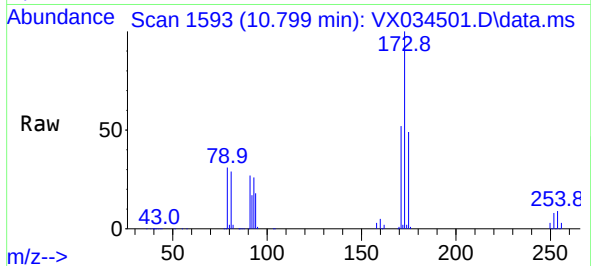




#71  
Bromoform  
Concen: 47.189 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

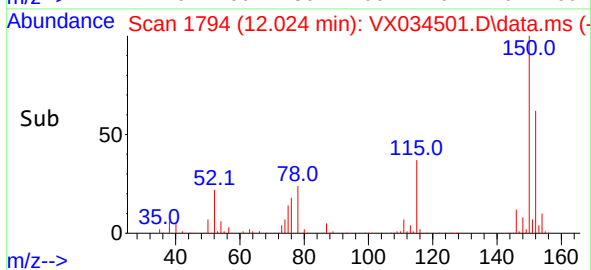
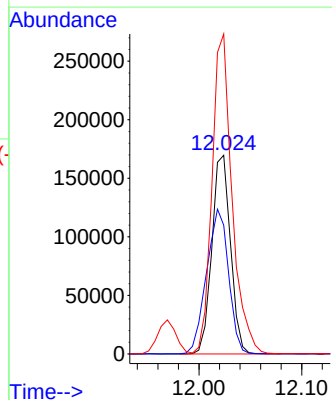
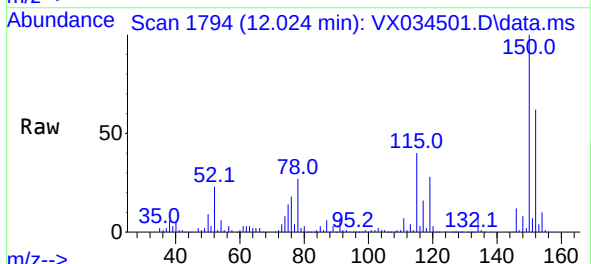
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 119756  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.1 72.4  
254 0.1 0.1 0.1

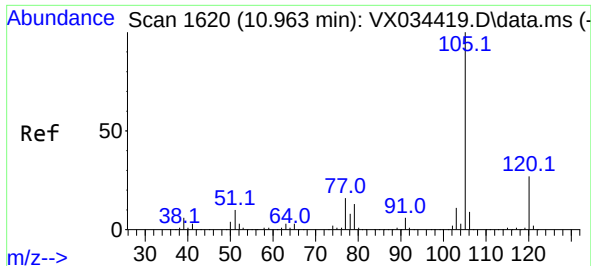


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion:152 Resp: 213423  
Ion Ratio Lower Upper  
152 100  
115 86.4 45.0 135.0  
150 172.9 0.0 352.4



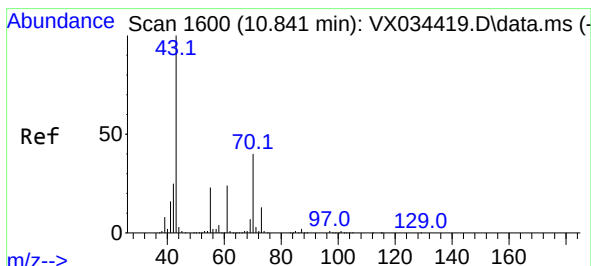
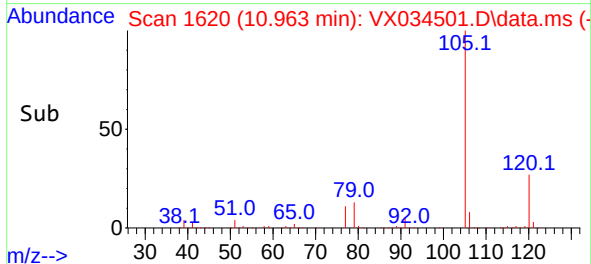
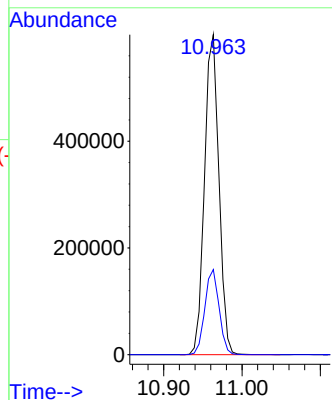
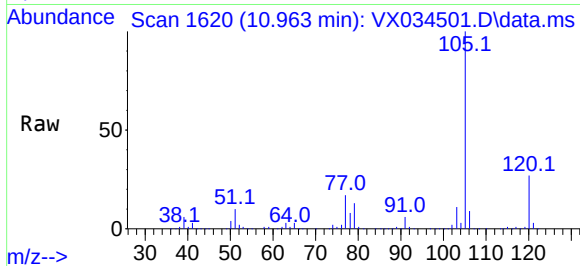




#73  
Isopropylbenzene  
Concen: 46.338 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

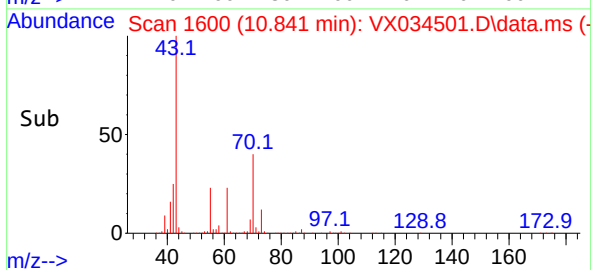
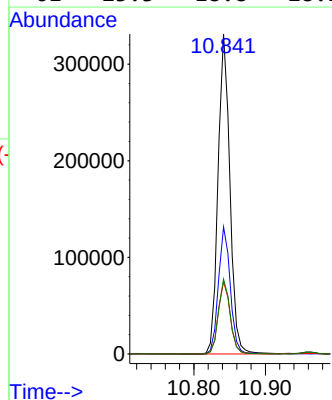
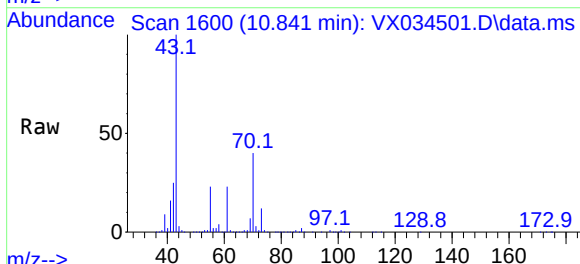
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

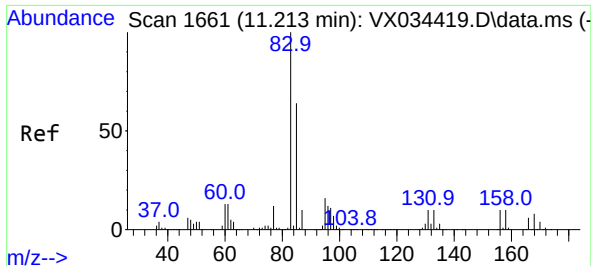
Tgt Ion:105 Resp: 764344  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.3 39.9



#74  
N-ethyl acetate  
Concen: 48.046 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 43 Resp: 379591  
Ion Ratio Lower Upper  
43 100  
70 40.0 32.1 48.1  
55 22.9 18.3 27.5  
61 23.3 18.8 28.2

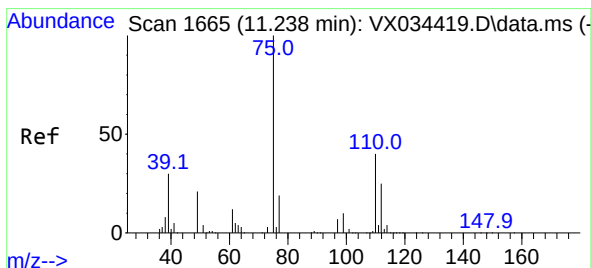
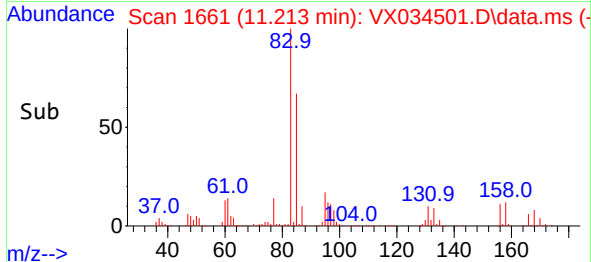
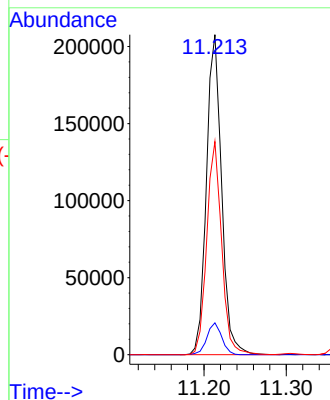
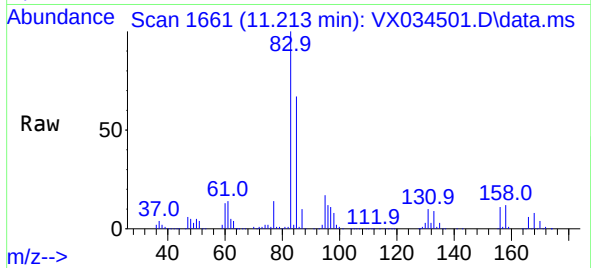




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.380 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

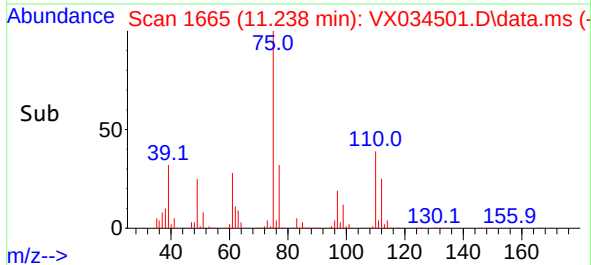
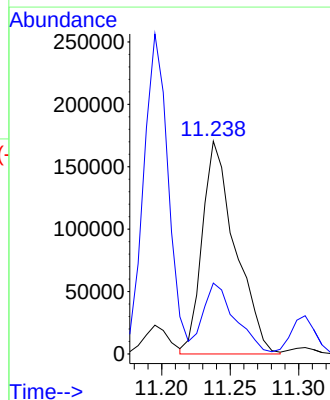
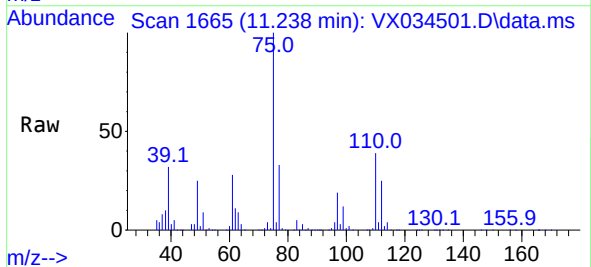
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

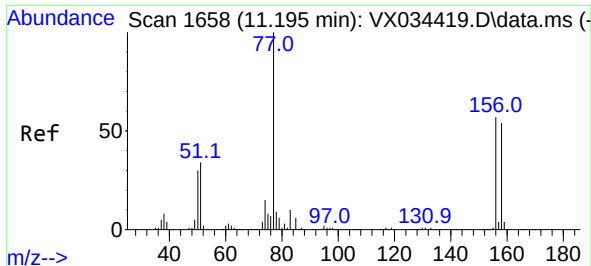
Tgt Ion: 83 Resp: 266298  
Ion Ratio Lower Upper  
83 100  
131 9.8 4.8 14.3  
85 65.3 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 58.352 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 75 Resp: 285949  
Ion Ratio Lower Upper  
75 100  
77 32.6 21.6 64.8

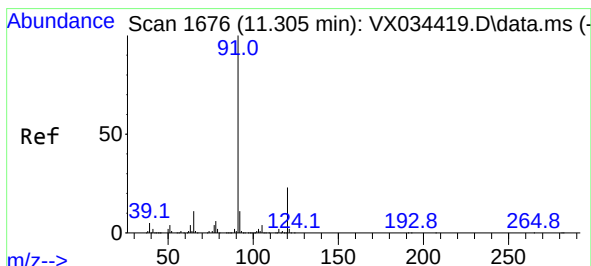
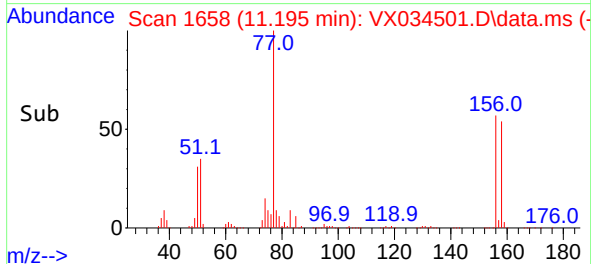
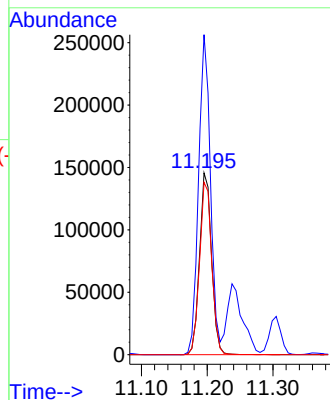
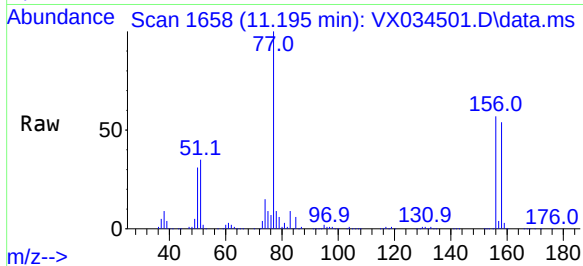




#77  
Bromobenzene  
Concen: 46.639 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

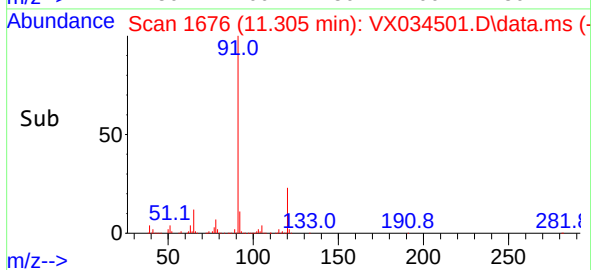
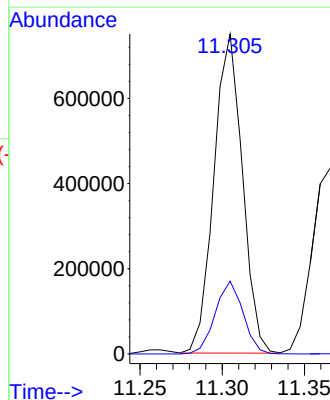
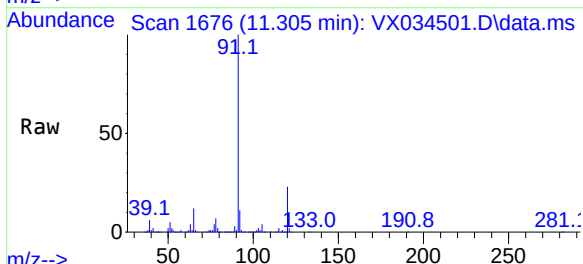
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

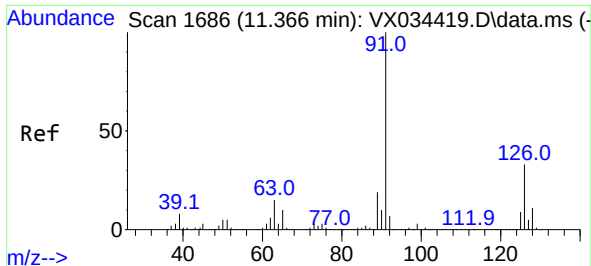
Tgt Ion:156 Resp: 184576  
Ion Ratio Lower Upper  
156 100  
77 173.5 86.7 259.9  
158 96.3 48.0 144.0



#78  
n-propylbenzene  
Concen: 47.360 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 91 Resp: 902211  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.5 34.5

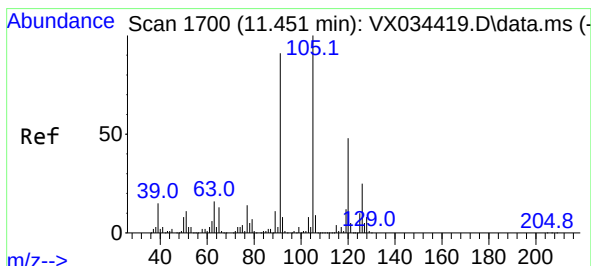
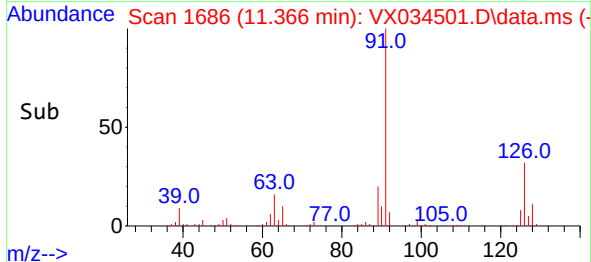
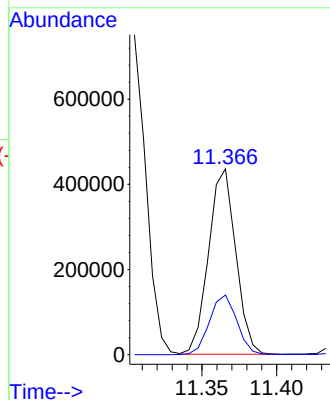
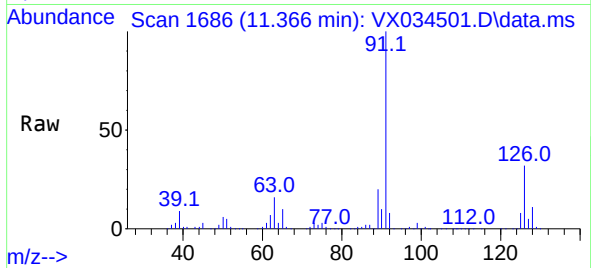




#79  
2-Chlorotoluene  
Concen: 46.778 ug/l  
RT: 11.366 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

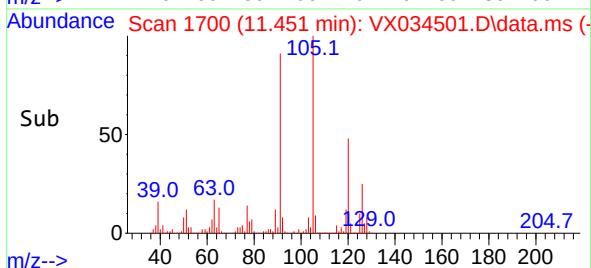
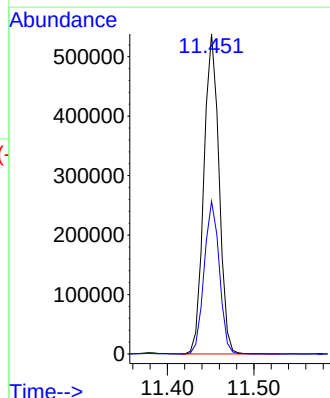
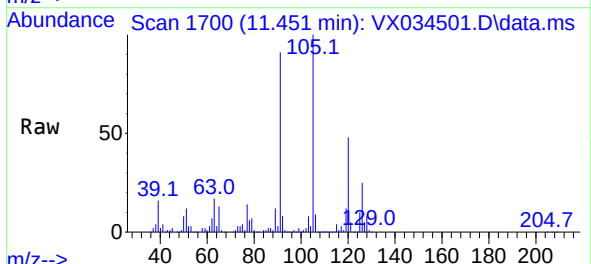
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

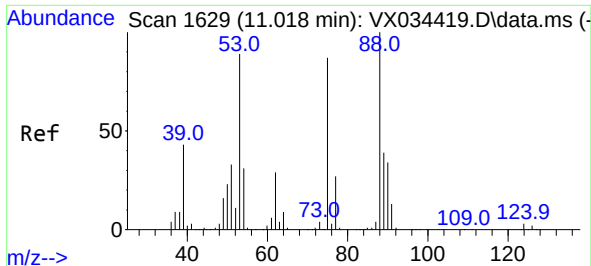
Tgt Ion: 91 Resp: 550352  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.3 48.9



#80  
1,3,5-Trimethylbenzene  
Concen: 47.286 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 105 Resp: 654220  
Ion Ratio Lower Upper  
105 100  
120 47.7 23.7 71.1

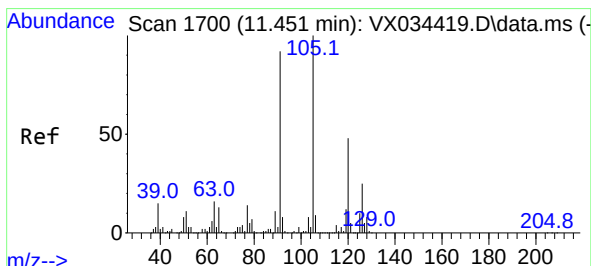
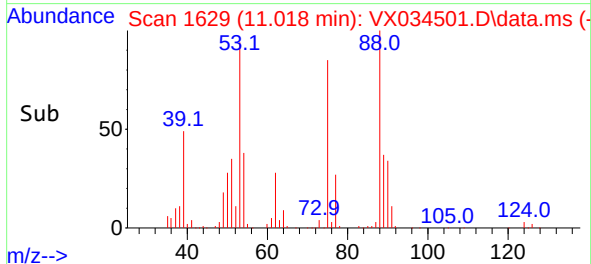
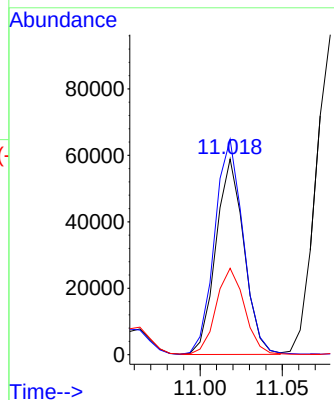
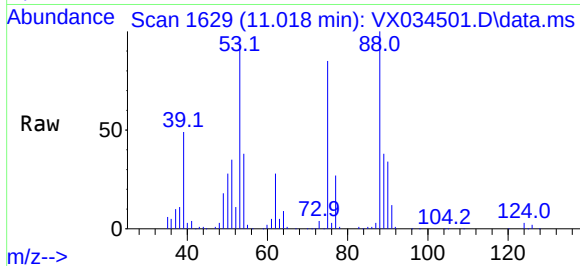




#81  
trans-1,4-Dichloro-2-butene  
Concen: 38.763 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

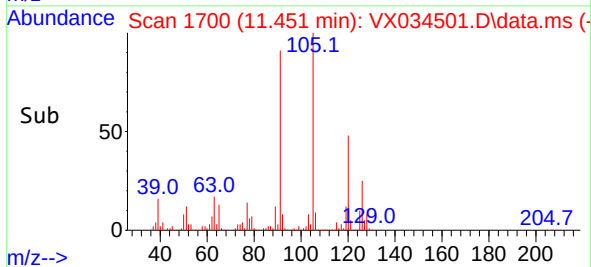
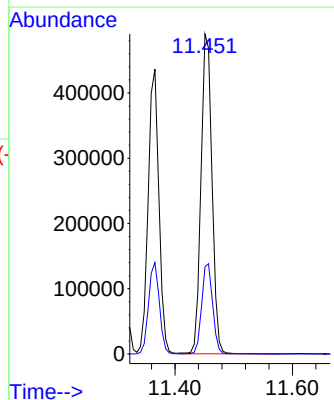
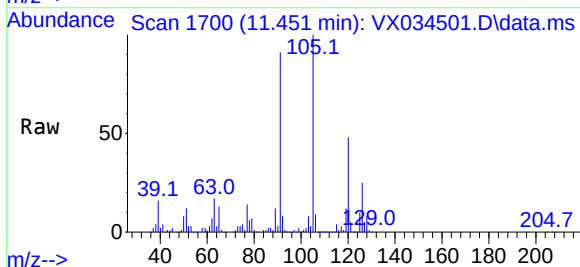
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

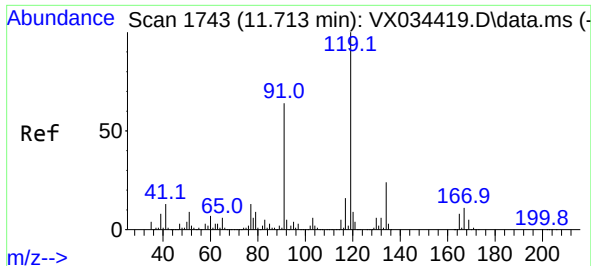
Tgt Ion: 75 Resp: 70216  
Ion Ratio Lower Upper  
75 100  
53 111.7 82.6 124.0  
89 44.5 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 47.113 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 91 Resp: 638455  
Ion Ratio Lower Upper  
91 100  
126 28.0 14.2 42.6

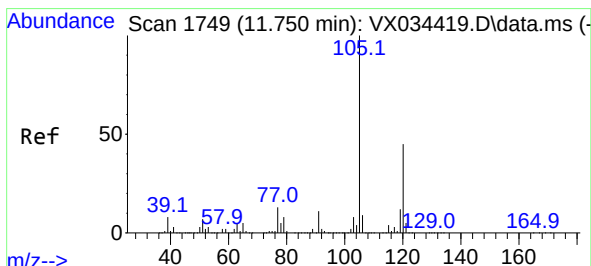
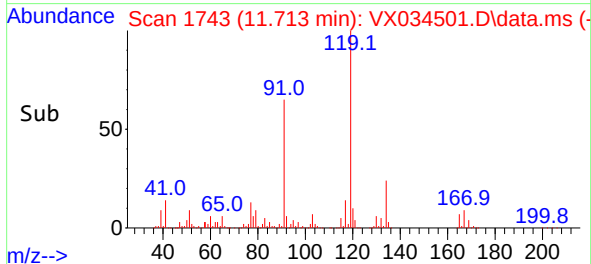
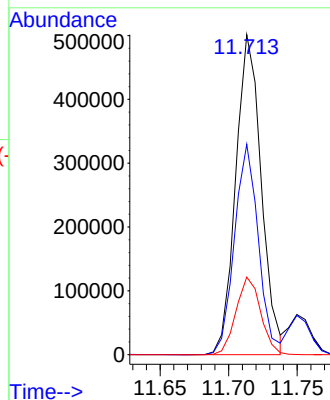
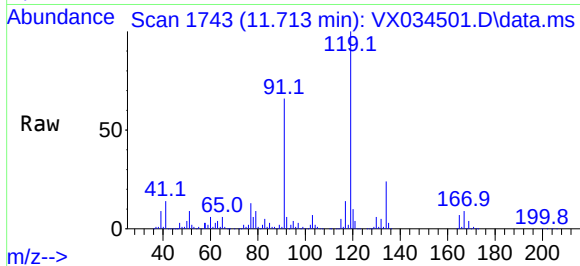




#83  
tert-Butylbenzene  
Concen: 46.650 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

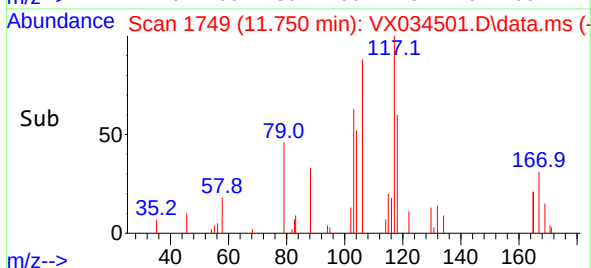
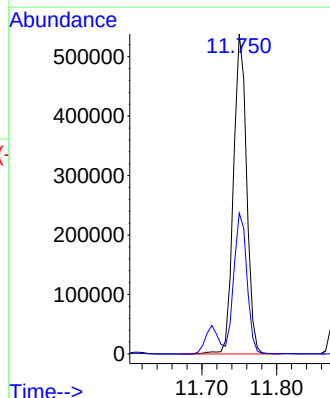
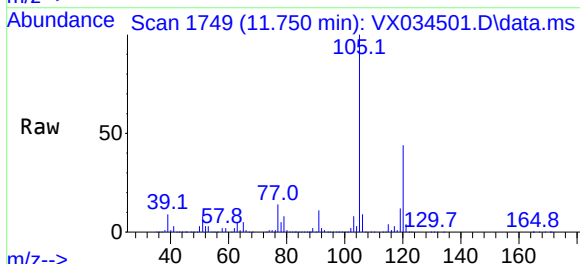
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

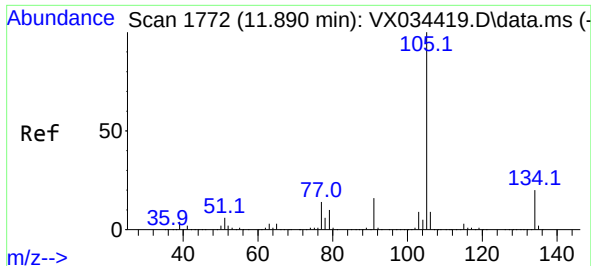
Tgt Ion:119 Resp: 650745  
Ion Ratio Lower Upper  
119 100  
91 61.8 30.6 92.0  
134 23.4 11.8 35.4



#84  
1,2,4-Trimethylbenzene  
Concen: 46.718 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion:105 Resp: 660580  
Ion Ratio Lower Upper  
105 100  
120 43.6 22.4 67.0

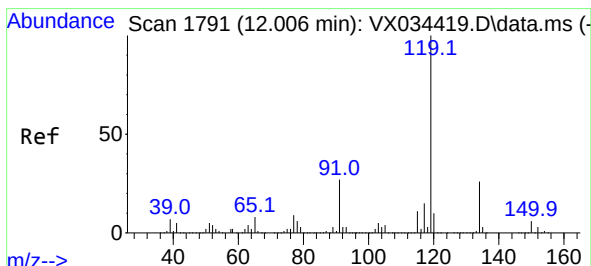
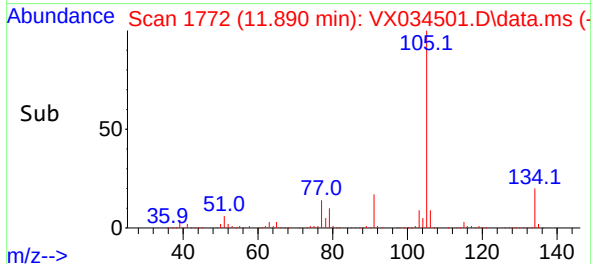
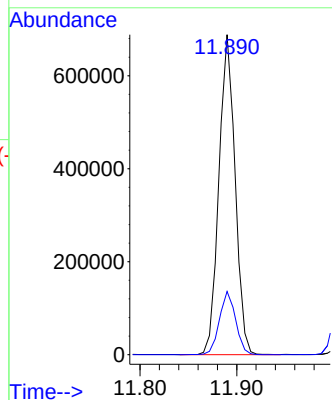
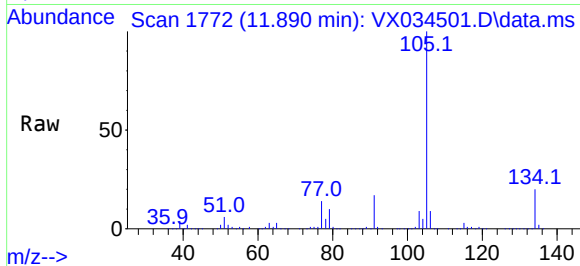




#85  
 sec-Butylbenzene  
 Concen: 46.794 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX034501.D  
 Acq: 15 Mar 2023 12:06

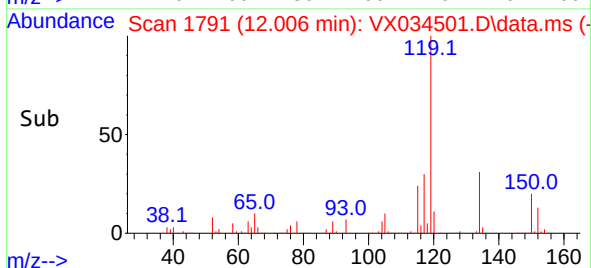
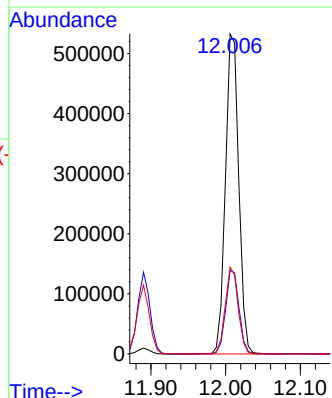
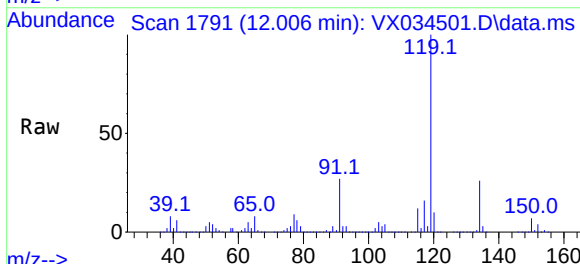
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

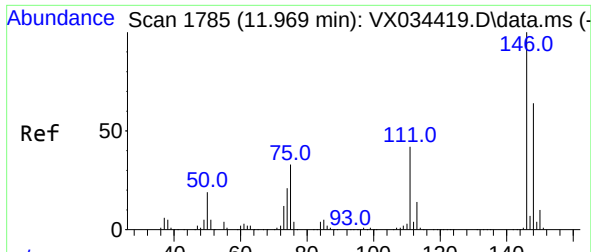
Tgt Ion:105 Resp: 798020  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 46.118 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX034501.D  
 Acq: 15 Mar 2023 12:06

Tgt Ion:119 Resp: 661011  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.2 39.5  
 91 26.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 45.008 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034501.D

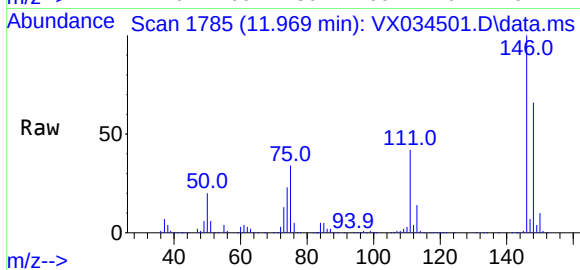
Acq: 15 Mar 2023 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC



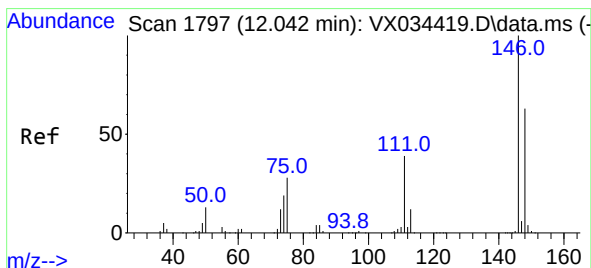
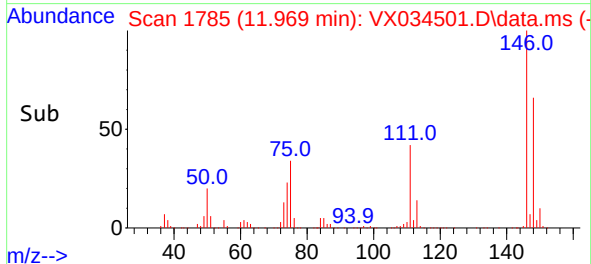
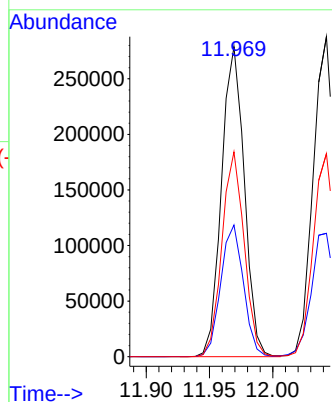
Tgt Ion:146 Resp: 348997

Ion Ratio Lower Upper

146 100

111 42.3 20.9 62.8

148 64.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 45.285 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034501.D

Acq: 15 Mar 2023 12:06

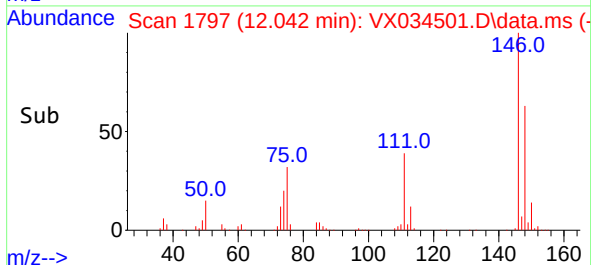
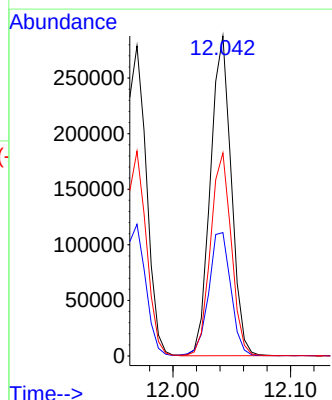
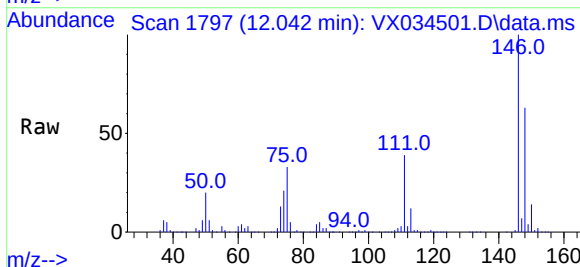
Tgt Ion:146 Resp: 355062

Ion Ratio Lower Upper

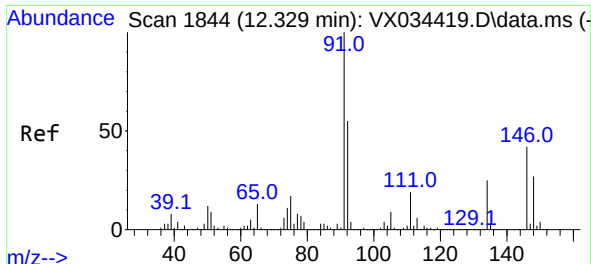
146 100

111 40.9 20.6 61.9

148 63.7 31.8 95.4



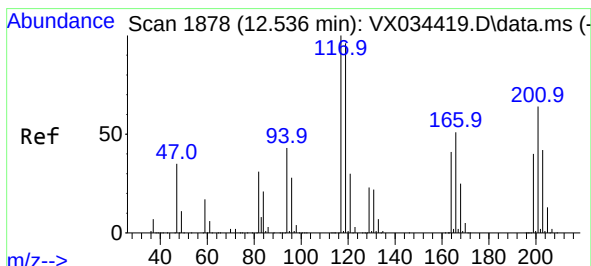
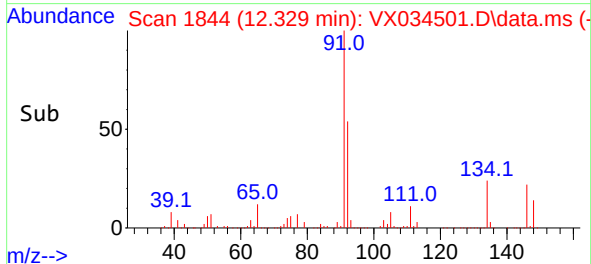
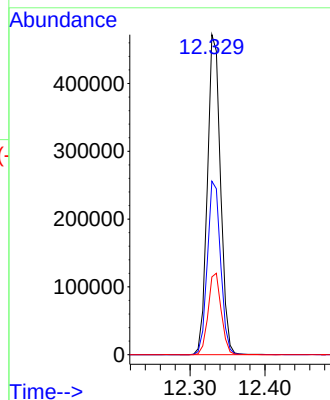
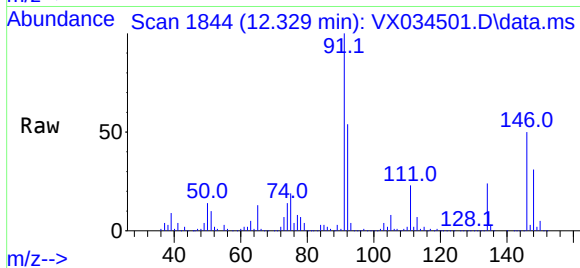




#89  
n-Butylbenzene  
Concen: 45.113 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

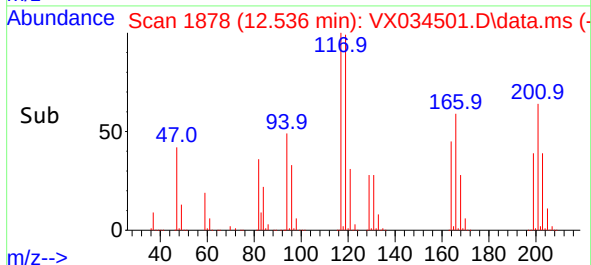
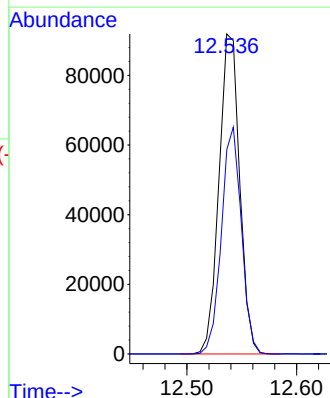
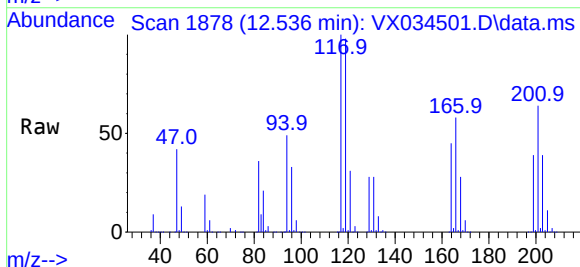
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

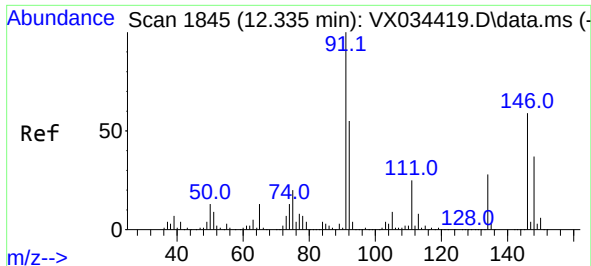
Tgt Ion: 91 Resp: 574816  
Ion Ratio Lower Upper  
91 100  
92 54.5 27.7 83.0  
134 25.3 13.0 38.9



#90  
Hexachloroethane  
Concen: 45.434 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 117 Resp: 120496  
Ion Ratio Lower Upper  
117 100  
201 68.4 34.4 103.1

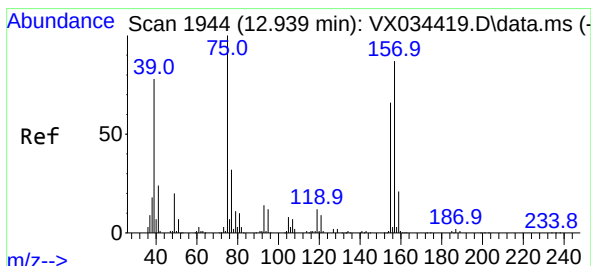
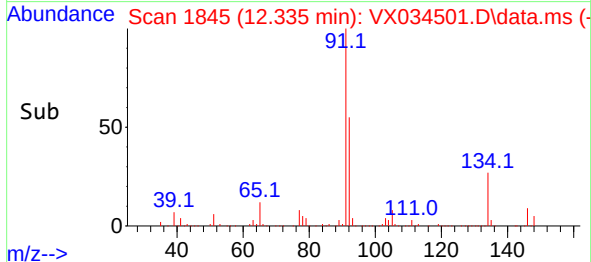
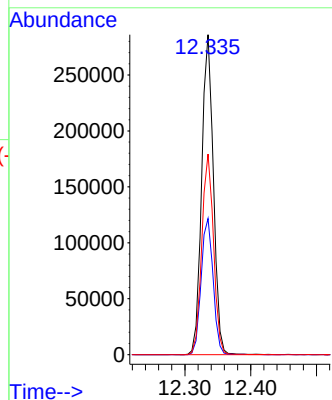
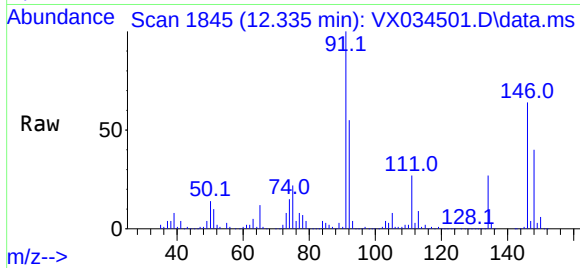




#91  
1,2-Dichlorobenzene  
Concen: 47.253 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

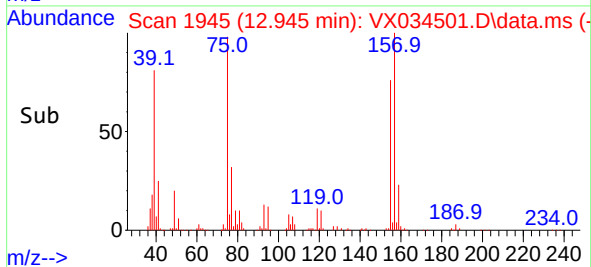
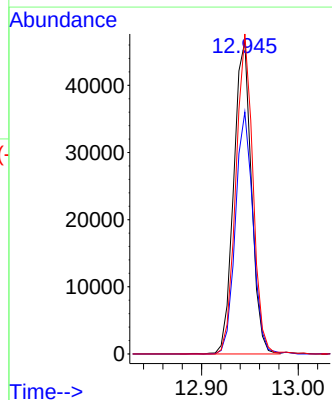
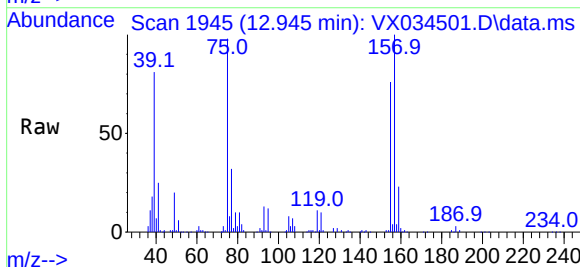
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

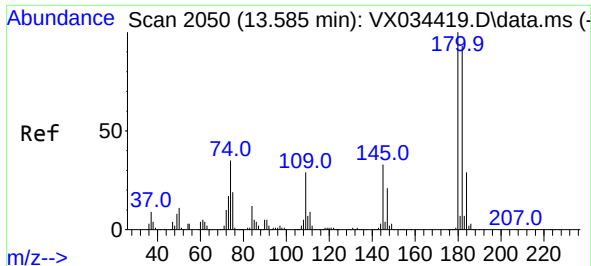
Tgt Ion:146 Resp: 354097  
Ion Ratio Lower Upper  
146 100  
111 43.5 22.0 66.0  
148 63.1 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.246 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion: 75 Resp: 59085  
Ion Ratio Lower Upper  
75 100  
155 77.1 38.4 115.1  
157 98.9 49.9 149.7

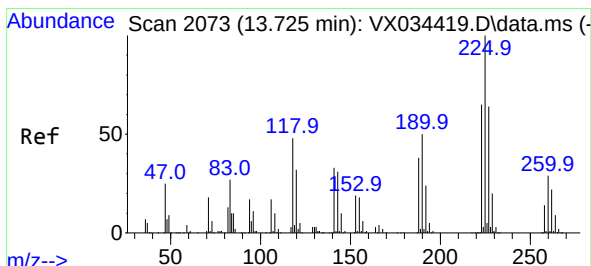
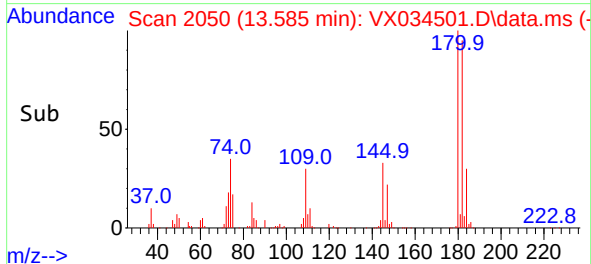
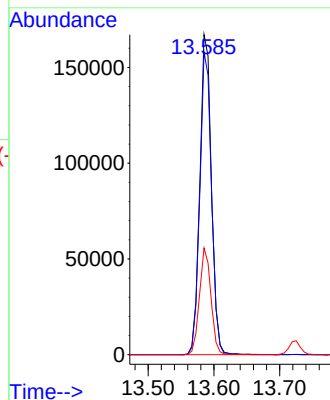
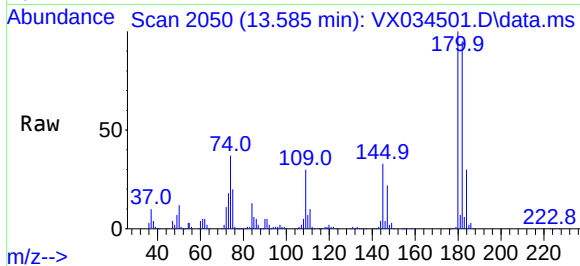




#93  
1,2,4-Trichlorobenzene  
Concen: 43.539 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

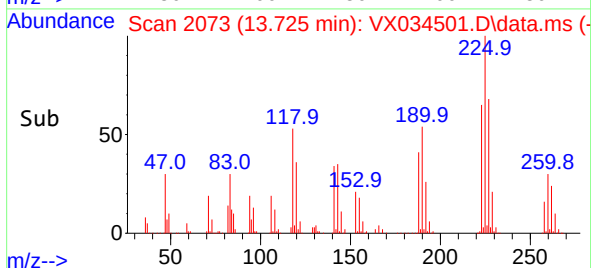
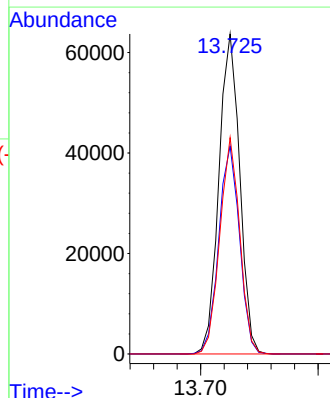
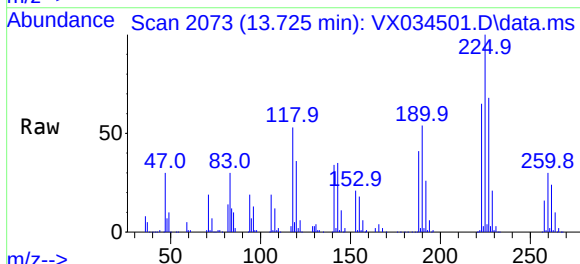
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

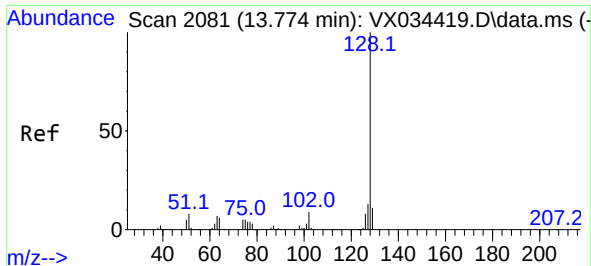
Tgt Ion:180 Resp: 204028  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.0 141.0  
145 33.0 15.9 47.7



#94  
Hexachlorobutadiene  
Concen: 41.538 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion:225 Resp: 78418  
Ion Ratio Lower Upper  
225 100  
223 64.8 32.1 96.5  
227 64.8 31.8 95.4

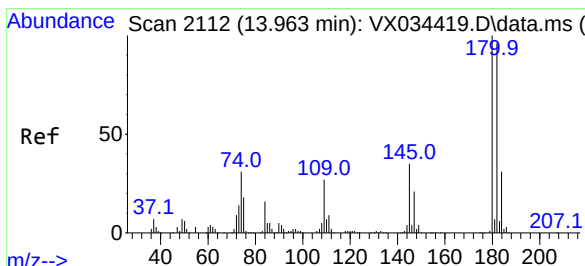
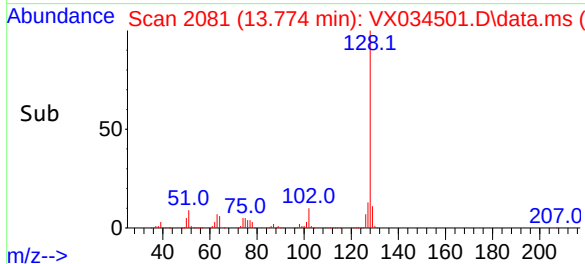
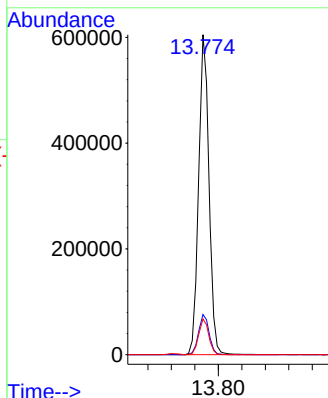
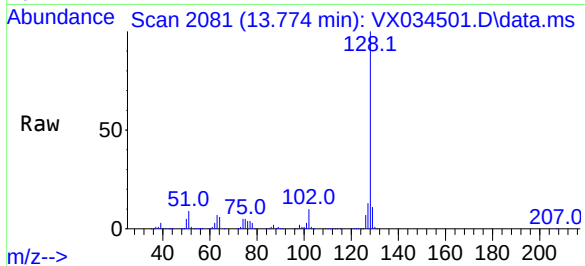




#95  
Naphthalene  
Concen: 46.862 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 736400  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 45.973 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX034501.D  
Acq: 15 Mar 2023 12:06

Tgt Ion:180 Resp: 210590  
Ion Ratio Lower Upper  
180 100  
182 95.3 48.0 144.2  
145 34.9 17.7 53.1

