

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062623\  
 Data File : VX036324.D  
 Acq On : 26 Jun 2023 10:37  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 27 02:57:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 15:03:28 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 220155   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 378407   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 346185   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 166154   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 159107   | 50.418   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 100.840% |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 124563   | 49.923   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 99.840%  |      |
| 50) Toluene-d8              | 8.647  | 98    | 445017   | 47.753   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 95.500%  |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 164497   | 50.113   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 100.220% |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 94110   | 45.152  | ug/l | 97  |
| 3) Chloromethane             | 1.294 | 50  | 148752  | 41.141  | ug/l | 100 |
| 4) Vinyl Chloride            | 1.374 | 62  | 155923  | 39.446  | ug/l | 99  |
| 5) Bromomethane              | 1.617 | 94  | 128127  | 44.298  | ug/l | 95  |
| 6) Chloroethane              | 1.691 | 64  | 132223  | 45.564  | ug/l | 97  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 258918  | 43.084  | ug/l | 99  |
| 8) Diethyl Ether             | 2.136 | 74  | 109666  | 47.272  | ug/l | 90  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 117280  | 46.499  | ug/l | 96  |
| 10) Methyl Iodide            | 2.453 | 142 | 149408  | 48.888  | ug/l | 92  |
| 11) Tert butyl alcohol       | 3.007 | 59  | 159641  | 277.908 | ug/l | 98  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 112814  | 45.090  | ug/l | 95  |
| 13) Acrolein                 | 2.239 | 56  | 204887  | 259.708 | ug/l | 99  |
| 14) Allyl chloride           | 2.666 | 41  | 206249  | 50.724  | ug/l | 98  |
| 15) Acrylonitrile            | 3.068 | 53  | 360528  | 247.609 | ug/l | 99  |
| 16) Acetone                  | 2.392 | 43  | 327999  | 243.167 | ug/l | 96  |
| 17) Carbon Disulfide         | 2.514 | 76  | 272058  | 44.274  | ug/l | 99  |
| 18) Methyl Acetate           | 2.709 | 43  | 283114  | 51.040  | ug/l | 97  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 427225  | 52.837  | ug/l | 98  |
| 20) Methylene Chloride       | 2.788 | 84  | 134374  | 46.268  | ug/l | 97  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 122580  | 45.912  | ug/l | 95  |
| 22) Diisopropyl ether        | 3.757 | 45  | 425638  | 52.241  | ug/l | 91  |
| 23) Vinyl Acetate            | 3.721 | 43  | 1609744 | 272.252 | ug/l | 98  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 238016  | 49.570  | ug/l | 99  |
| 25) 2-Butanone               | 4.562 | 43  | 496640  | 256.258 | ug/l | 96  |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 193666  | 56.869  | ug/l | 96  |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 148933  | 49.739  | ug/l | 95  |
| 28) Bromochloromethane       | 4.897 | 49  | 122082  | 49.024  | ug/l | 91  |
| 29) Tetrahydrofuran          | 5.007 | 42  | 317036  | 256.941 | ug/l | 95  |
| 30) Chloroform               | 5.092 | 83  | 242619  | 50.167  | ug/l | 96  |
| 31) Cyclohexane              | 5.470 | 56  | 185266  | 45.812  | ug/l | 95  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 201655  | 49.917  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 169204  | 45.494  | ug/l | 97  |
| 37) Ethyl Acetate            | 4.708 | 43  | 198411  | 52.341  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 168724  | 49.670  | ug/l | 95  |
| 39) Methylcyclohexane        | 7.379 | 83  | 210784  | 47.317  | ug/l | 94  |
| 40) Benzene                  | 6.037 | 78  | 513846  | 49.457  | ug/l | 99  |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 27 02:57:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 15:03:28 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 110648   | 52.617   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 206094   | 52.152   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 330324   | 54.624   | ug/l   | 97       |
| 44) Trichloroethene           | 7.123  | 130  | 137859   | 47.705   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 143727   | 50.793   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 102866   | 51.644   | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.818  | 83   | 188588   | 52.356   | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.690  | 41   | 163860   | 54.345   | ug/l   | 94       |
| 49) 1,4-Dioxane               | 7.702  | 88   | 68789    | 1029.120 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1018574  | 261.438  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 318051   | 48.304   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 211808   | 58.212   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 229236   | 55.732   | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 140268   | 51.259   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 221643   | 54.151   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 236932   | 50.521   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 595855   | 259.040  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 763113   | 268.221  | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.519  | 129  | 141580   | 53.251   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 148209   | 51.035   | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 116351   | 47.600   | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 359414   | 49.388   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 131417   | 53.426   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 624515   | 48.271   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 481286   | 95.750   | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 238718   | 49.180   | ug/l   | 99       |
| 70) Styrene                   | 10.652 | 104  | 396034   | 49.831   | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 96777    | 54.852   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 602504   | 48.118   | ug/l   | 98       |
| 74) N-amyl acetate            | 10.841 | 43   | 284434   | 57.429   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 214018   | 50.473   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 238078   | 67.176   | ug/l   | 89       |
| 77) Bromobenzene              | 11.195 | 156  | 152825   | 49.636   | ug/l   | 93       |
| 78) n-propylbenzene           | 11.305 | 91   | 712390   | 48.716   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 425009   | 48.856   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 512585   | 48.338   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 63764    | 58.648   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 497350   | 49.108   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 496882   | 48.893   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 515017   | 49.091   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 623564   | 48.434   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 533432   | 49.370   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 280269   | 49.510   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 281742   | 48.878   | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 481624   | 50.087   | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 84542    | 51.661   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 278526   | 49.969   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 46054    | 57.181   | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 187237   | 54.536   | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 70911    | 50.431   | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 620613   | 54.717   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 183674   | 54.845   | ug/l   | 98       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Jun 27 02:57:28 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 23 15:03:28 2023  
Response via : Initial Calibration

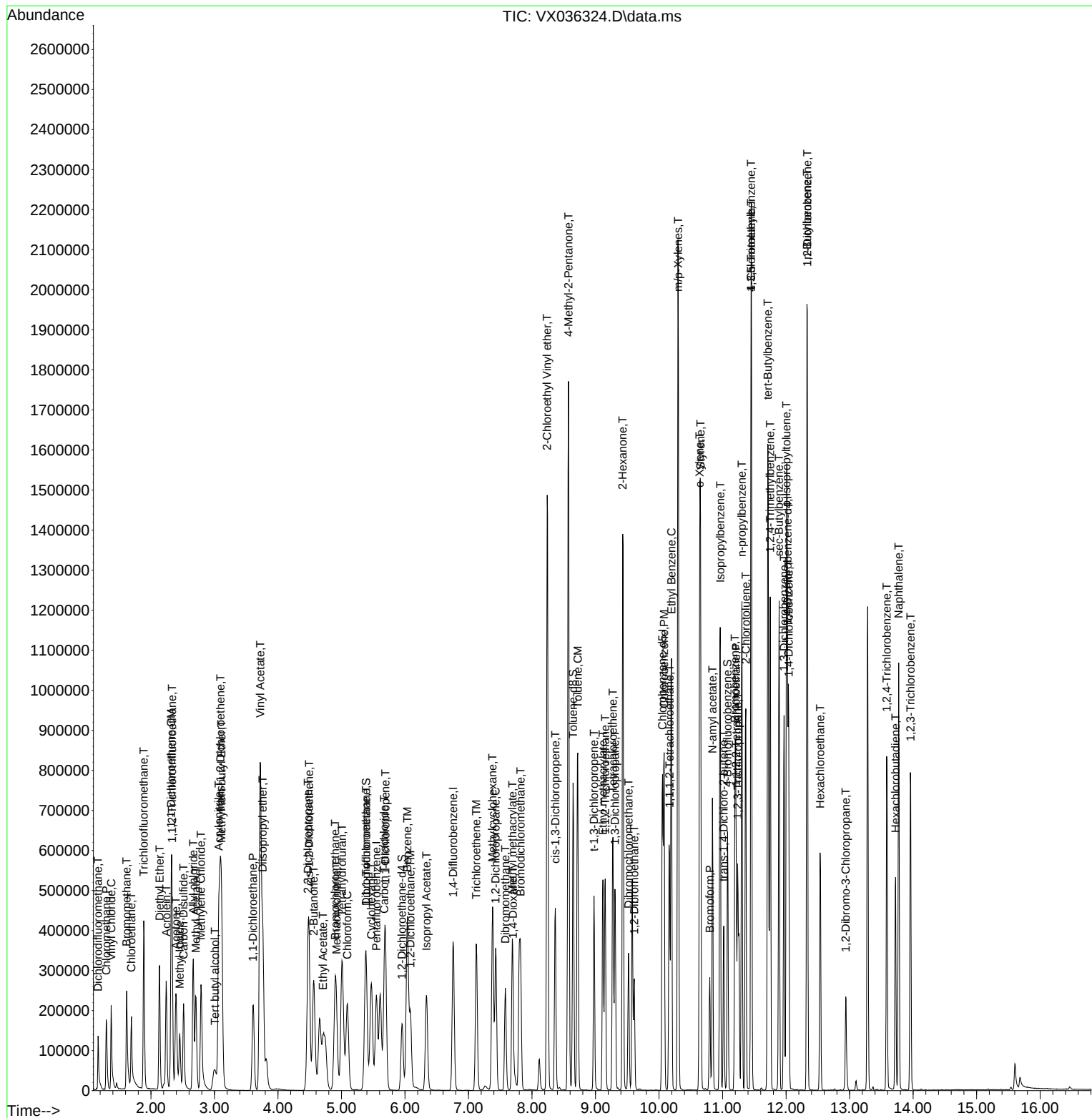
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

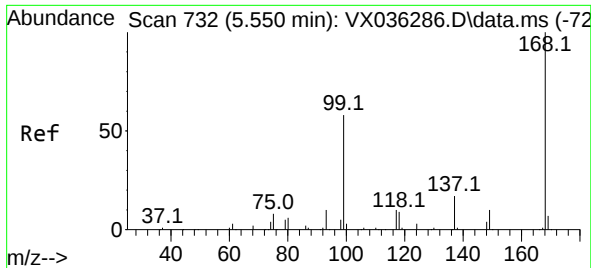
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062623\  
 Data File : VX036324.D  
 Acq On : 26 Jun 2023 10:37  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 27 02:57:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 15:03:28 2023  
 Response via : Initial Calibration

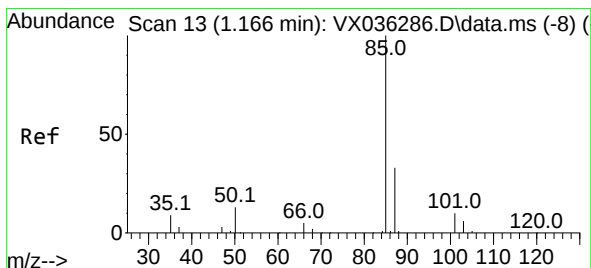
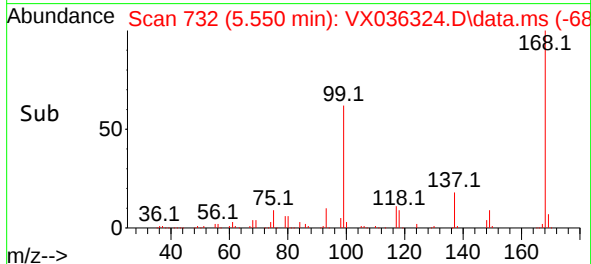
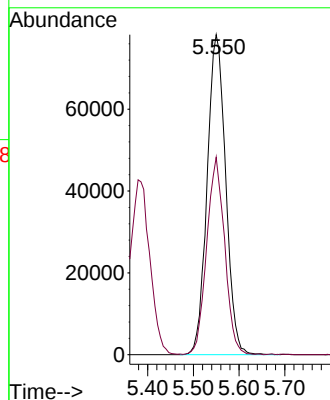
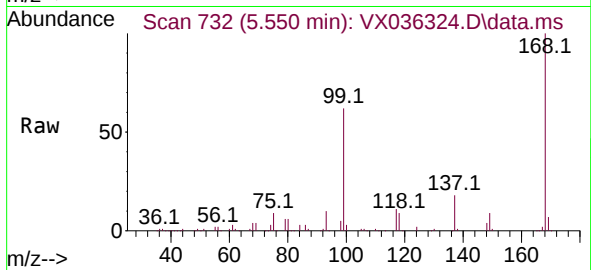




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

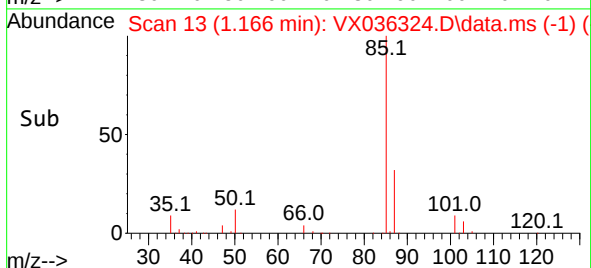
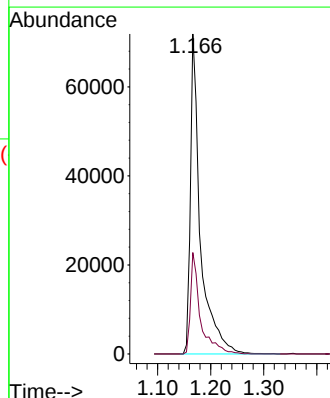
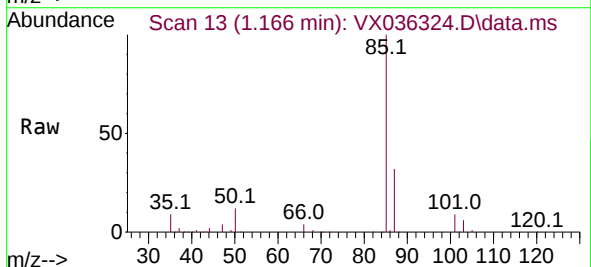
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

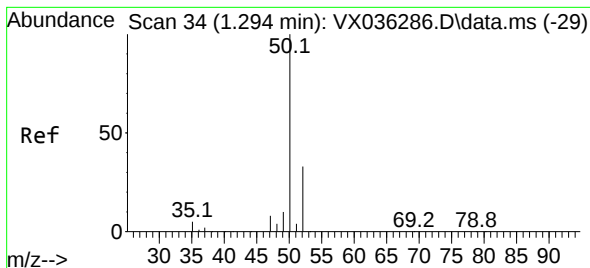
Tgt Ion:168 Resp: 220155  
Ion Ratio Lower Upper  
168 100  
99 61.6 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 45.152 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 85 Resp: 94110  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.7 50.1





#3

Chloromethane

Concen: 41.141 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

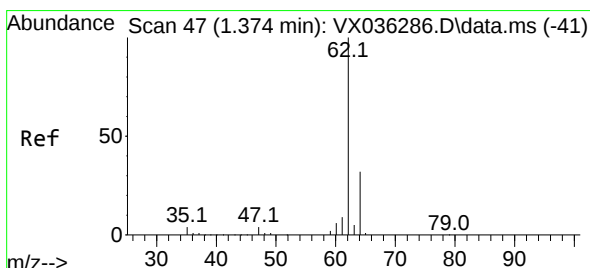
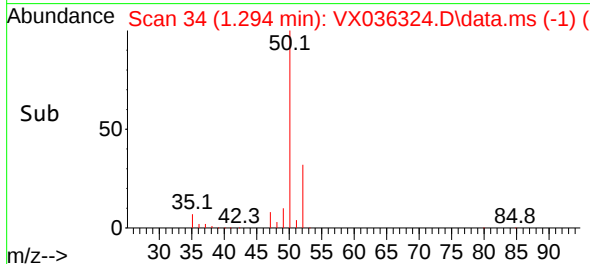
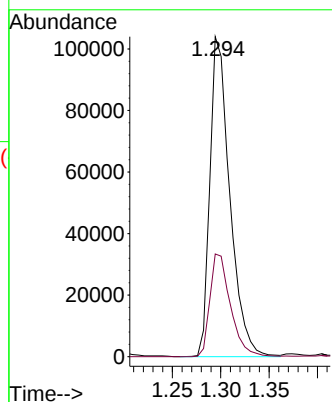
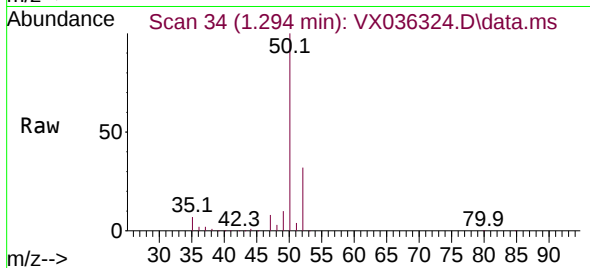
VSTDCCC050

Tgt Ion: 50 Resp: 148752

Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3



#4

Vinyl Chloride

Concen: 39.446 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX036324.D

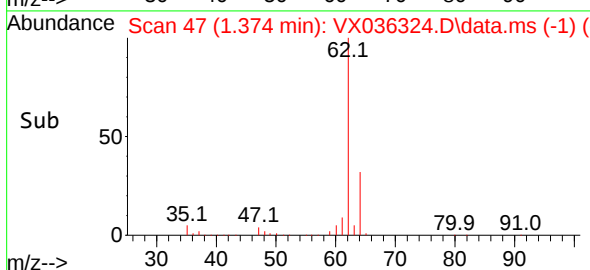
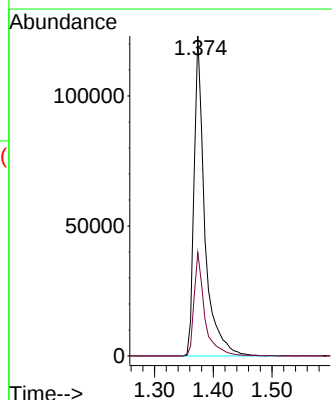
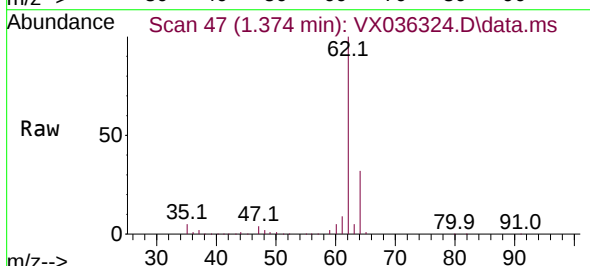
Acq: 26 Jun 2023 10:37

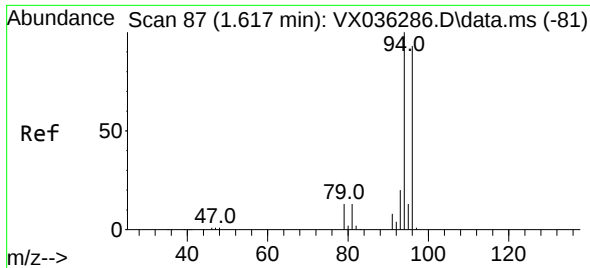
Tgt Ion: 62 Resp: 155923

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0

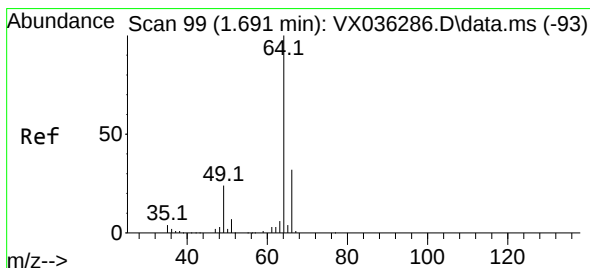
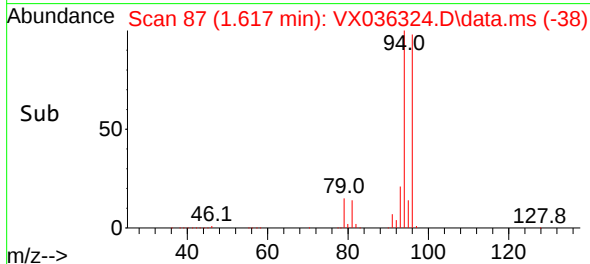
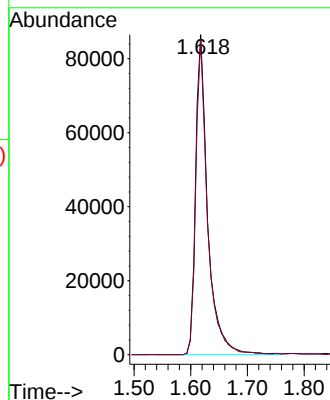
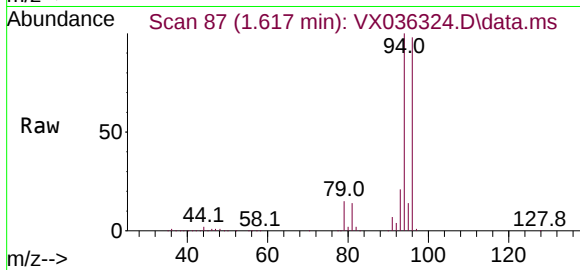




#5  
Bromomethane  
Concen: 44.298 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

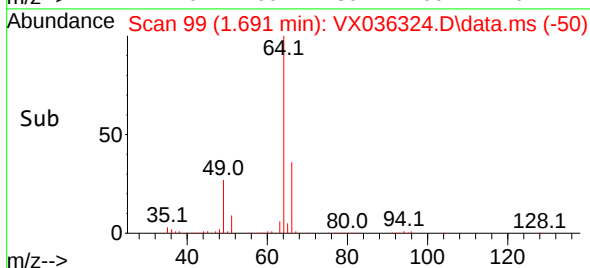
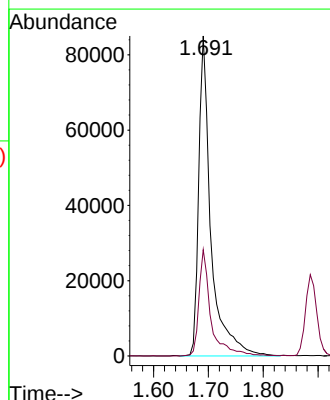
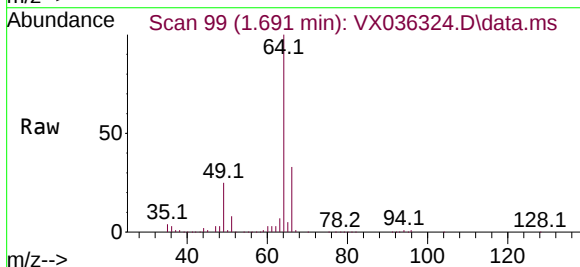
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

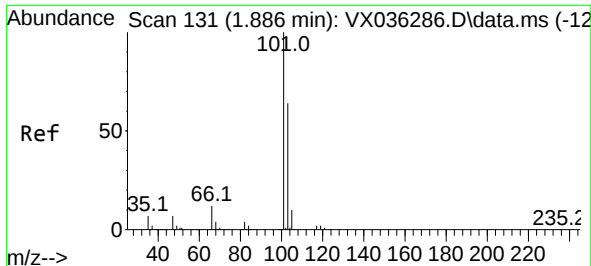
Tgt Ion: 94 Resp: 128127  
Ion Ratio Lower Upper  
94 100  
96 98.4 74.6 111.8



#6  
Chloroethane  
Concen: 45.564 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.001 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 64 Resp: 132223  
Ion Ratio Lower Upper  
64 100  
66 33.2 25.1 37.7

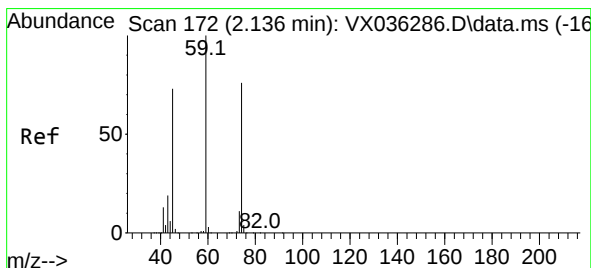
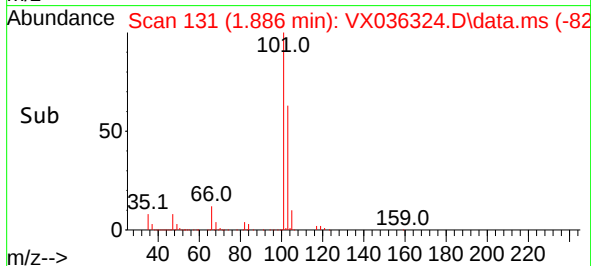
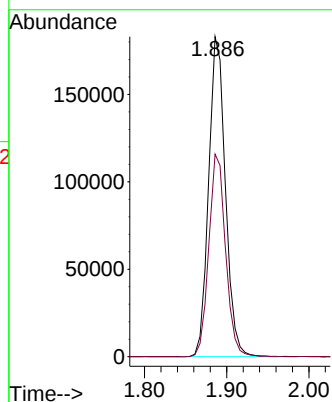
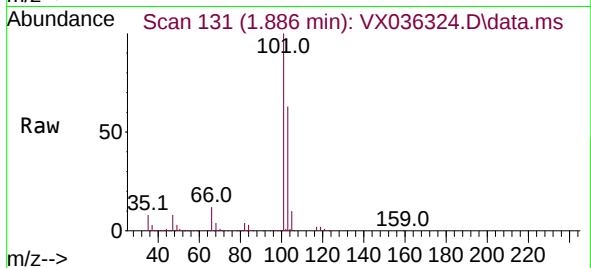




#7  
 Trichlorofluoromethane  
 Concen: 43.084 ug/l  
 RT: 1.886 min Scan# 131  
 Delta R.T. -0.000 min  
 Lab File: VX036324.D  
 Acq: 26 Jun 2023 10:37

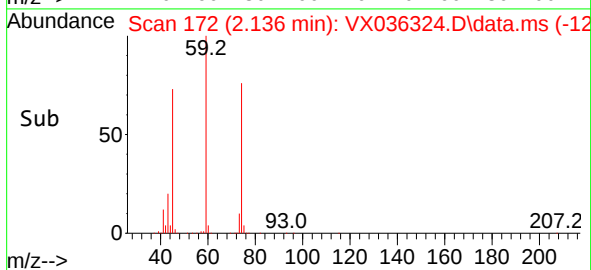
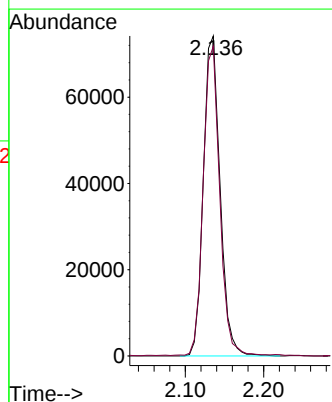
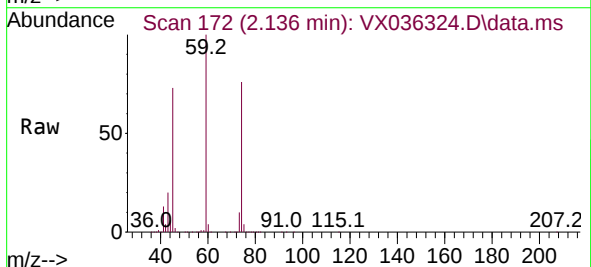
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

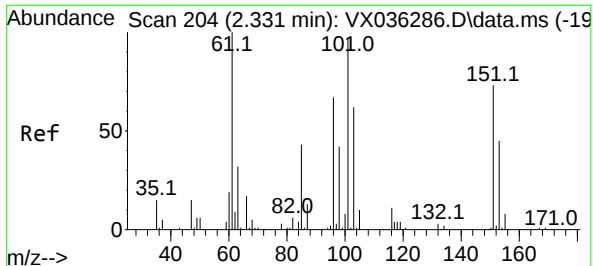
Tgt Ion:101 Resp: 258918  
 Ion Ratio Lower Upper  
 101 100  
 103 63.3 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 47.272 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.001 min  
 Lab File: VX036324.D  
 Acq: 26 Jun 2023 10:37

Tgt Ion: 74 Resp: 109666  
 Ion Ratio Lower Upper  
 74 100  
 45 95.9 53.3 159.8

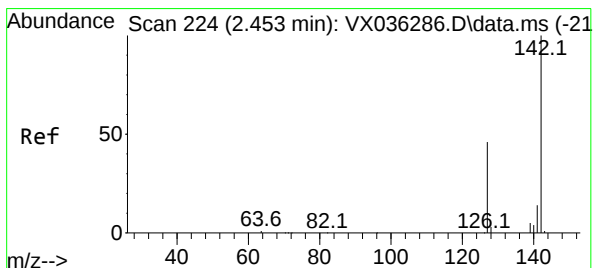
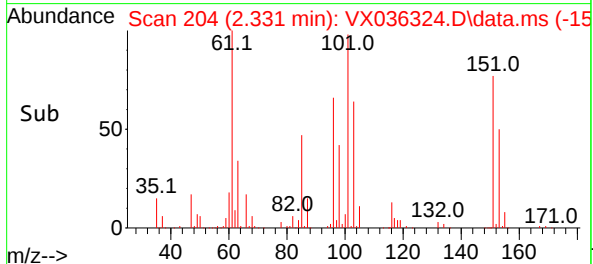
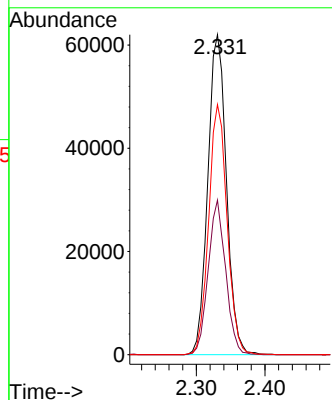
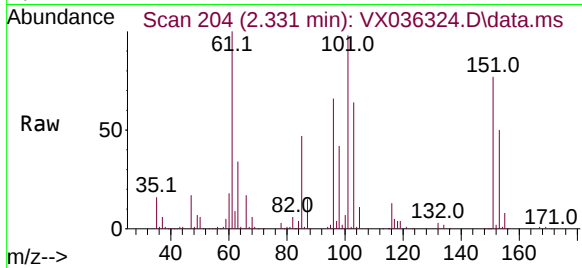




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.499 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

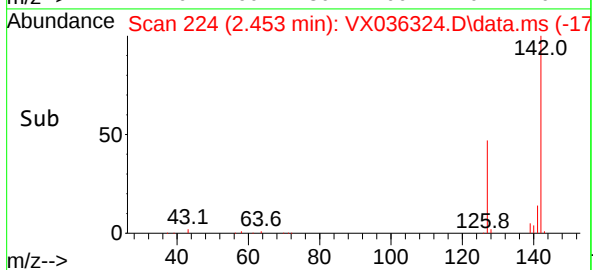
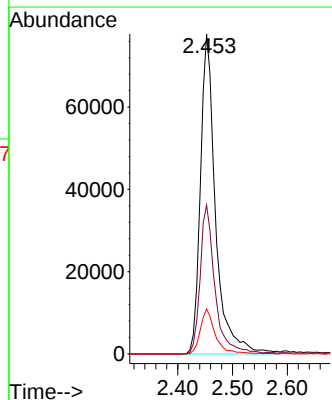
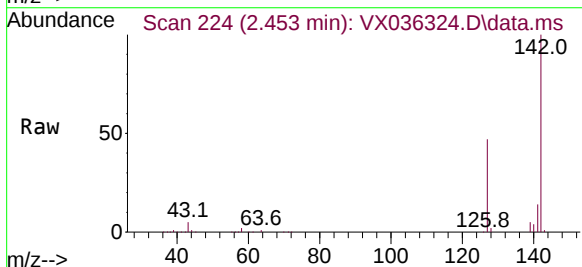
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

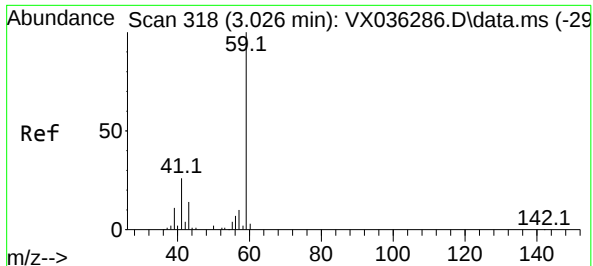
Tgt Ion:101 Resp: 117280  
Ion Ratio Lower Upper  
101 100  
85 45.4 37.0 55.6  
151 77.4 58.6 87.8



#10  
Methyl Iodide  
Concen: 48.888 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.001 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion:142 Resp: 149408  
Ion Ratio Lower Upper  
142 100  
127 45.4 41.6 62.4  
141 13.9 11.6 17.4

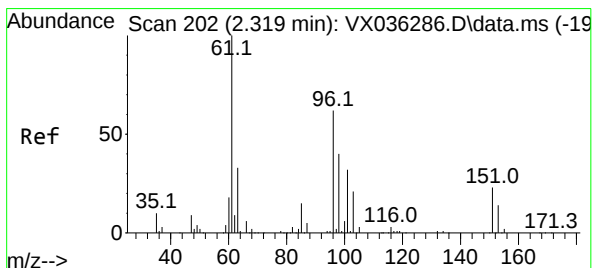
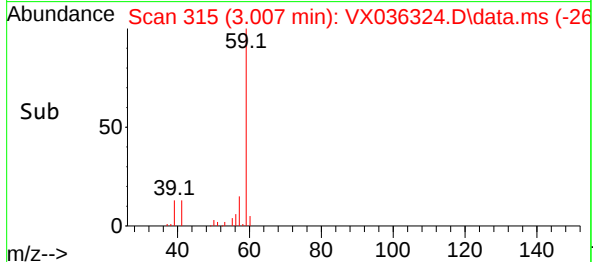
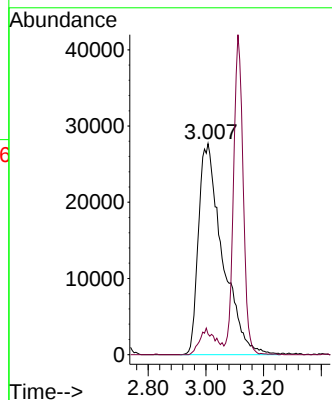
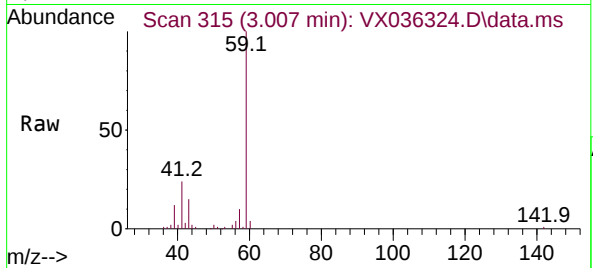




#11  
Tert butyl alcohol  
Concen: 277.908 ug/l  
RT: 3.007 min Scan# 318  
Delta R.T. -0.006 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

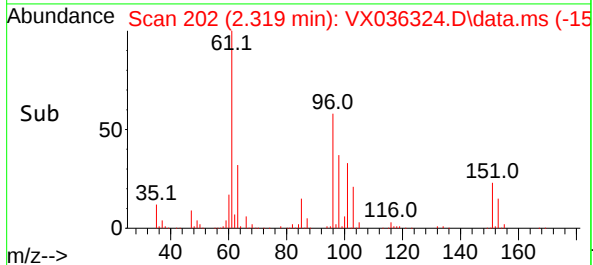
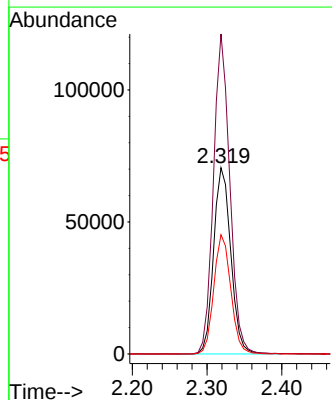
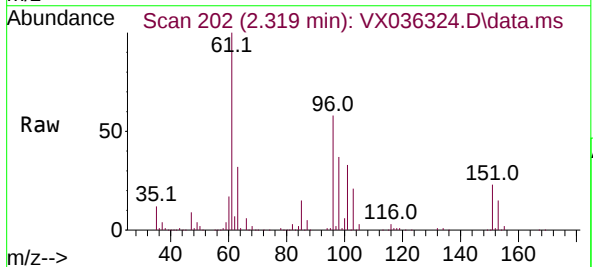
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

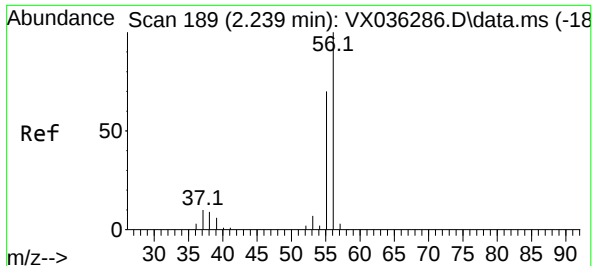
Tgt Ion: 59 Resp: 159641  
Ion Ratio Lower Upper  
59 100  
57 8.4 6.0 9.0



#12  
1,1-Dichloroethene  
Concen: 45.090 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.001 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 96 Resp: 112814  
Ion Ratio Lower Upper  
96 100  
61 171.8 144.6 216.8  
98 64.0 50.4 75.6

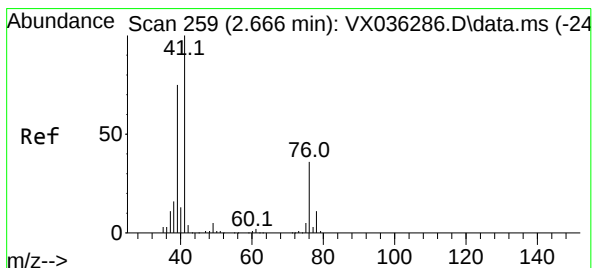
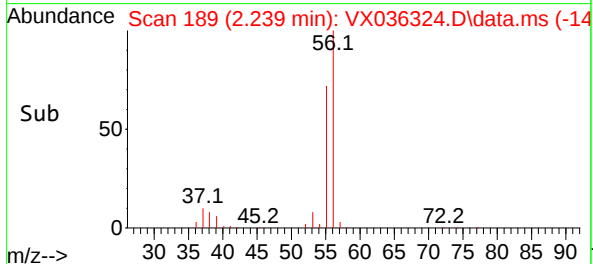
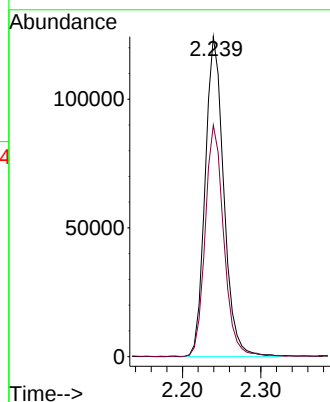
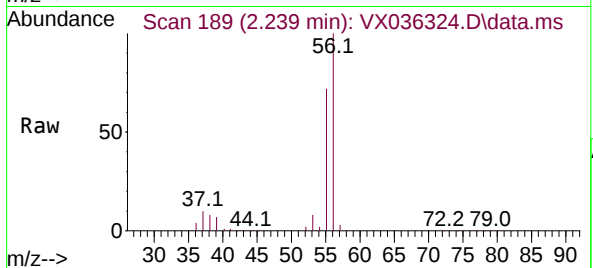




#13  
Acrolein  
Concen: 259.708 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

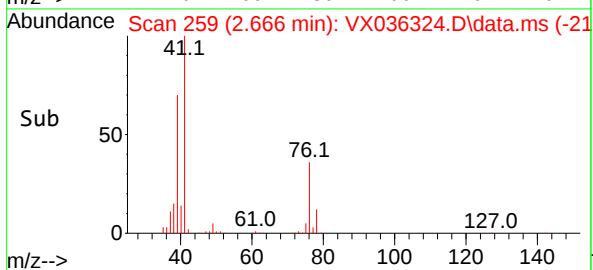
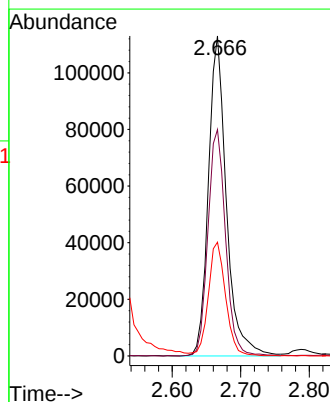
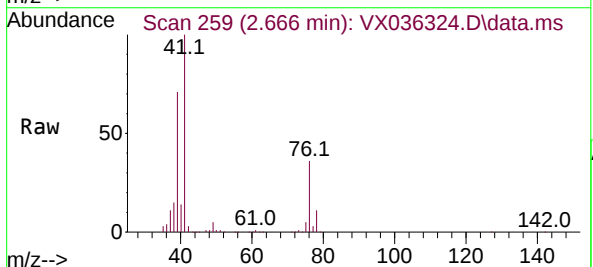
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

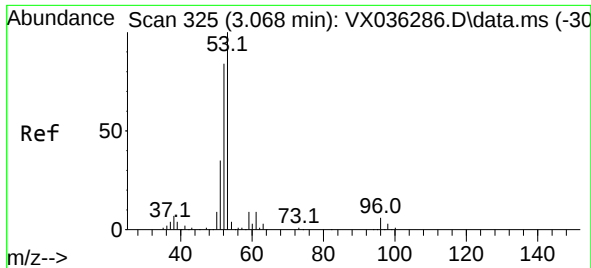
Tgt Ion: 56 Resp: 204887  
Ion Ratio Lower Upper  
56 100  
55 72.3 57.1 85.7



#14  
Allyl chloride  
Concen: 50.724 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 41 Resp: 206249  
Ion Ratio Lower Upper  
41 100  
39 69.5 55.8 83.6  
76 34.2 24.3 36.5

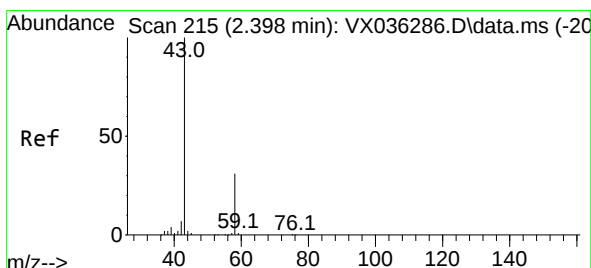
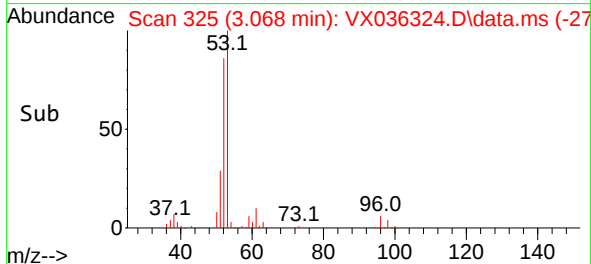
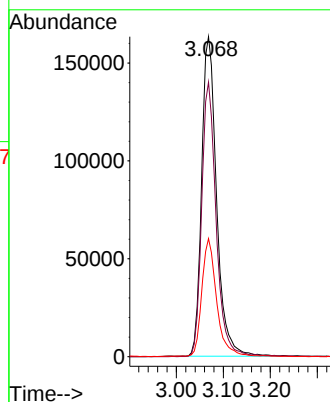
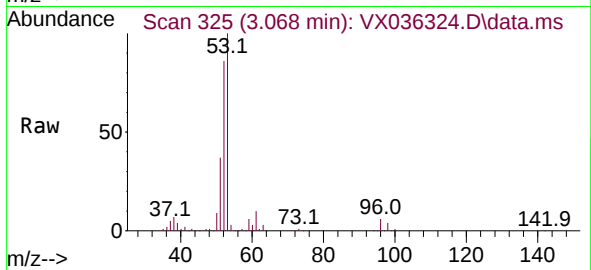




#15  
Acrylonitrile  
Concen: 247.609 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

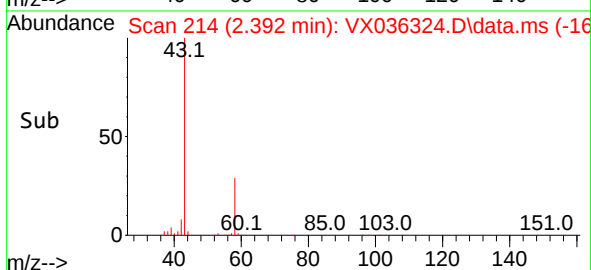
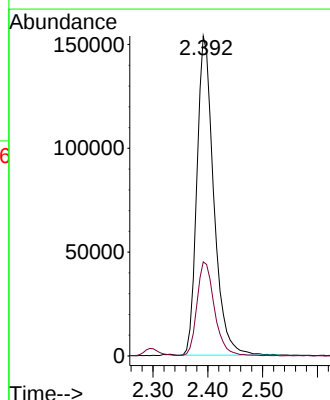
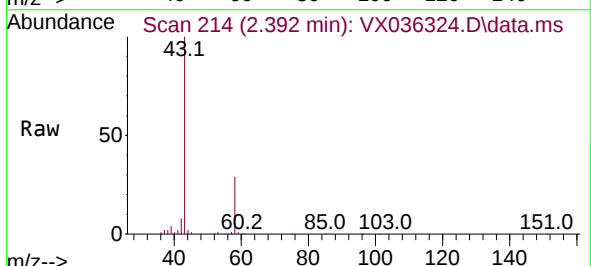
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

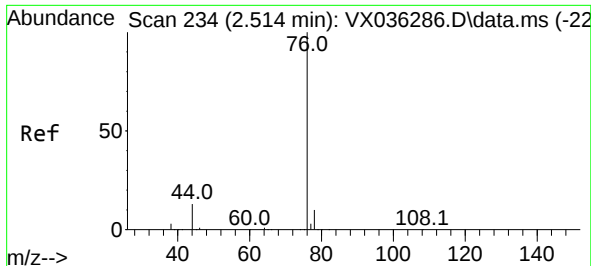
Tgt Ion: 53 Resp: 360528  
Ion Ratio Lower Upper  
53 100  
52 83.7 66.0 99.0  
51 36.8 29.8 44.6



#16  
Acetone  
Concen: 243.167 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.012 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 43 Resp: 327999  
Ion Ratio Lower Upper  
43 100  
58 29.4 21.9 32.9

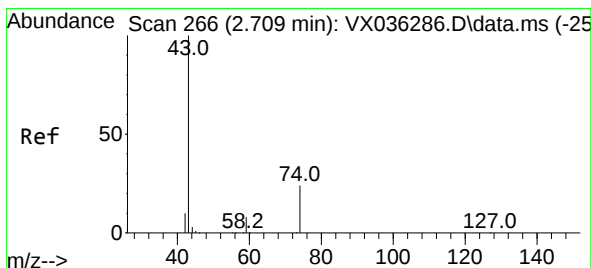
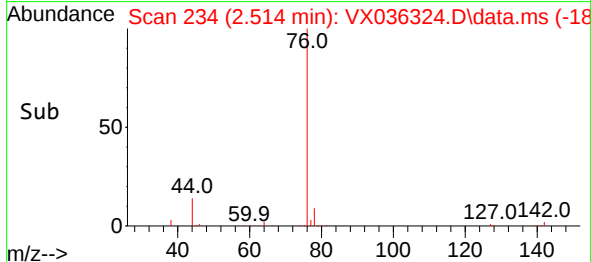
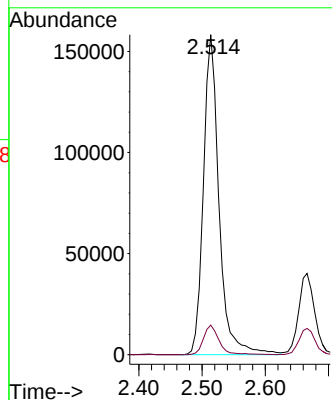
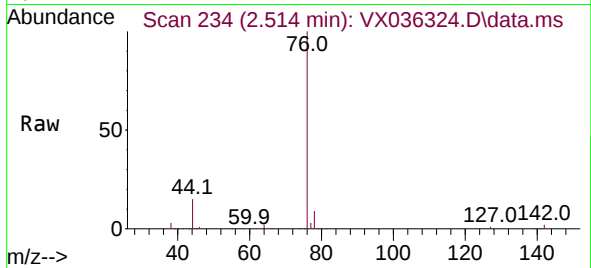




#17  
Carbon Disulfide  
Concen: 44.274 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

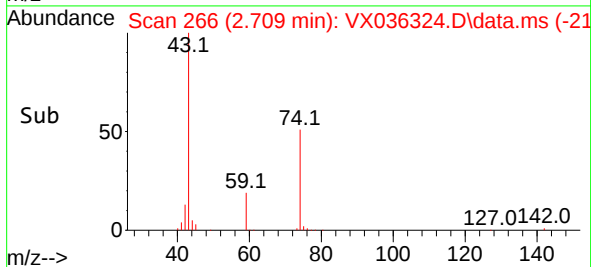
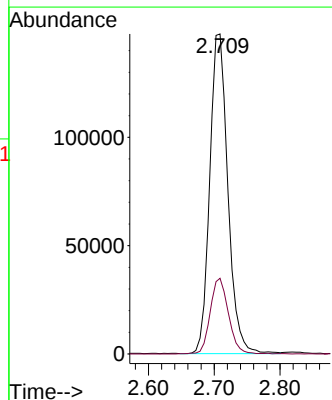
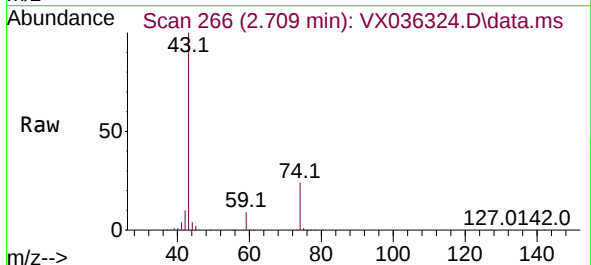
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

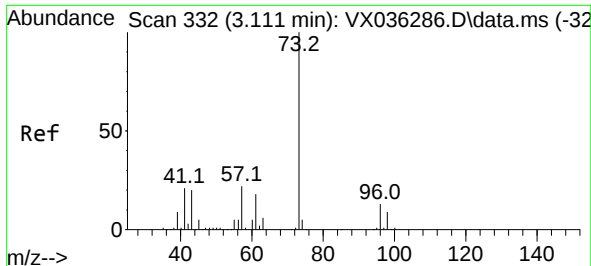
Tgt Ion: 76 Resp: 272058  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.6



#18  
Methyl Acetate  
Concen: 51.040 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 43 Resp: 283114  
Ion Ratio Lower Upper  
43 100  
74 23.9 17.8 26.8

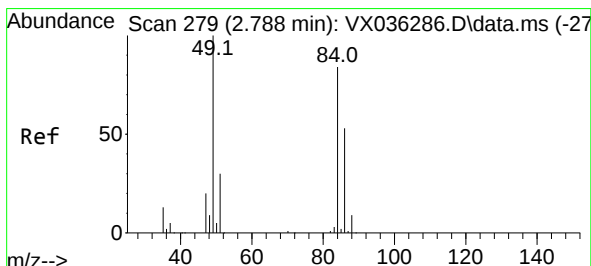
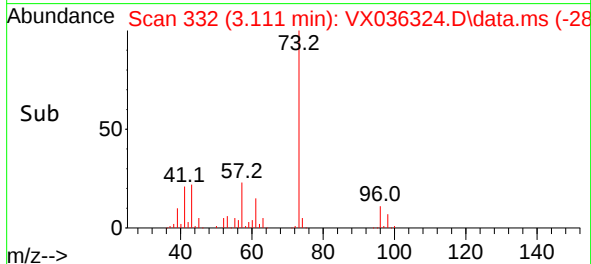
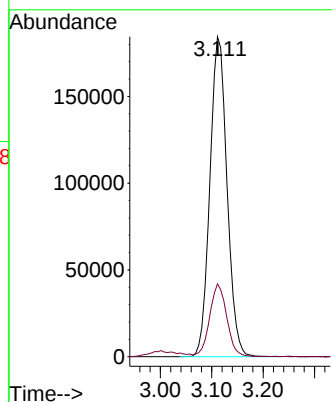
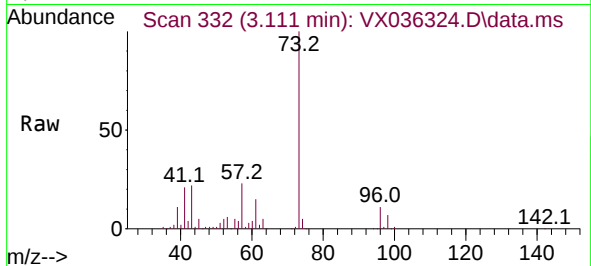




#19  
Methyl tert-butyl Ether  
Concen: 52.837 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

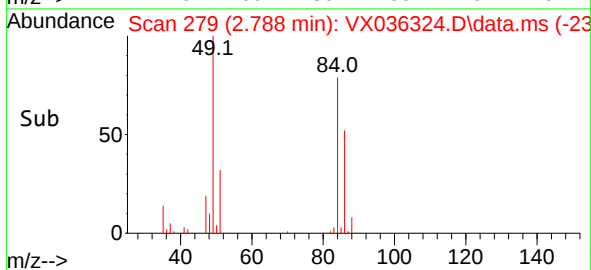
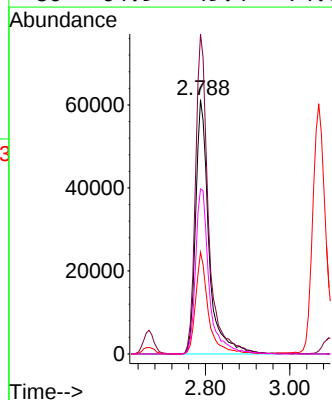
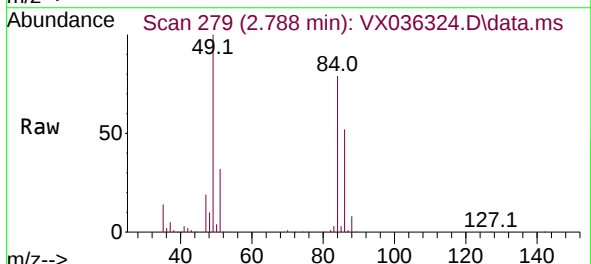
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

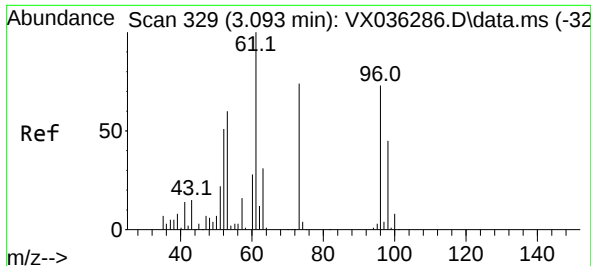
Tgt Ion: 73 Resp: 427225  
Ion Ratio Lower Upper  
73 100  
57 22.7 17.3 25.9



#20  
Methylene Chloride  
Concen: 46.268 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 84 Resp: 134374  
Ion Ratio Lower Upper  
84 100  
49 125.8 103.6 155.4  
51 40.0 33.8 50.6  
86 64.9 49.4 74.0

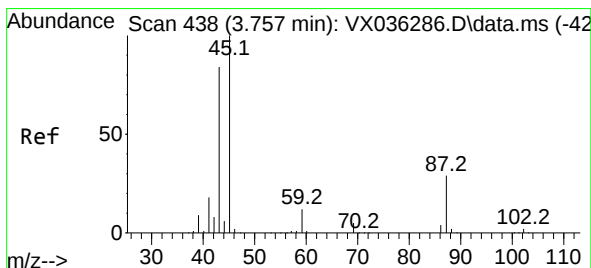
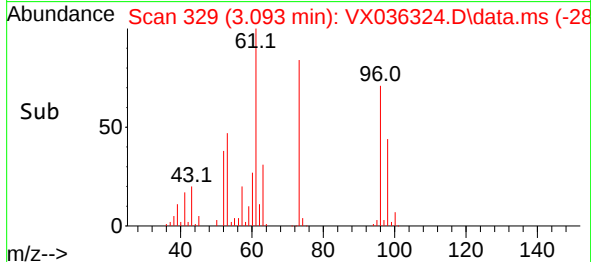
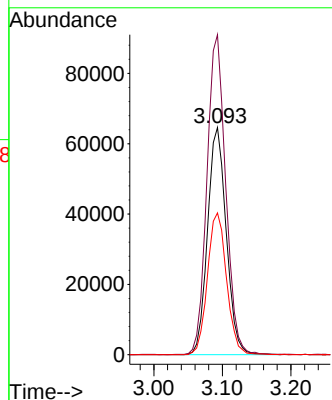
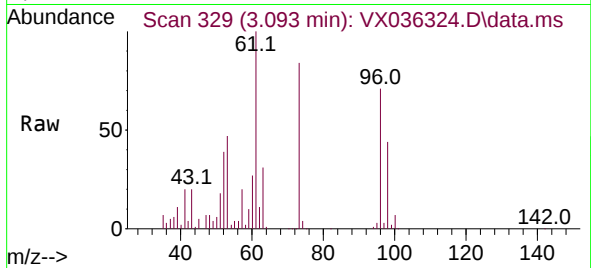




#21  
trans-1,2-Dichloroethene  
Concen: 45.912 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

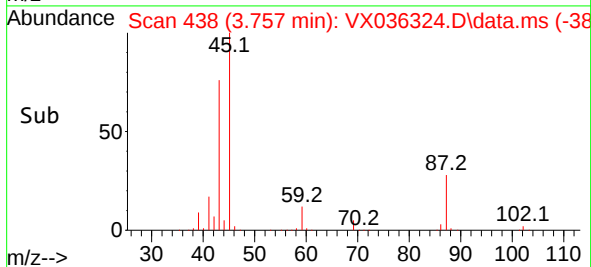
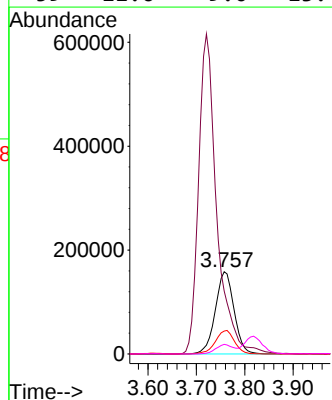
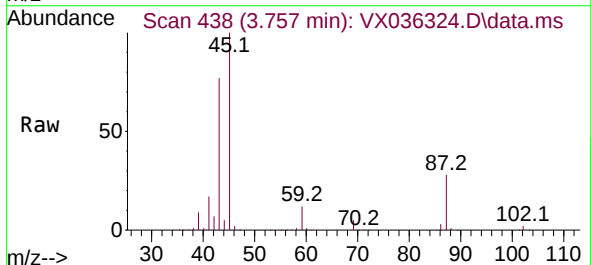
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

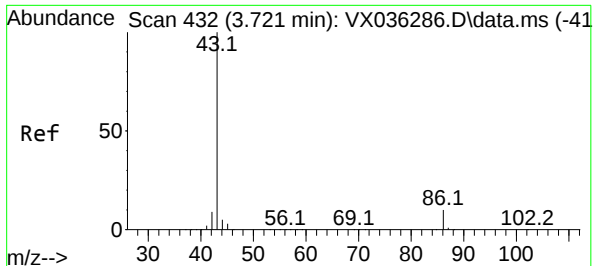
Tgt Ion: 96 Resp: 122580  
Ion Ratio Lower Upper  
96 100  
61 140.7 119.2 178.8  
98 62.4 48.7 73.1



#22  
Diisopropyl ether  
Concen: 52.241 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 45 Resp: 425638  
Ion Ratio Lower Upper  
45 100  
43 76.3 69.7 104.5  
87 27.8 20.8 31.2  
59 11.6 9.0 13.4

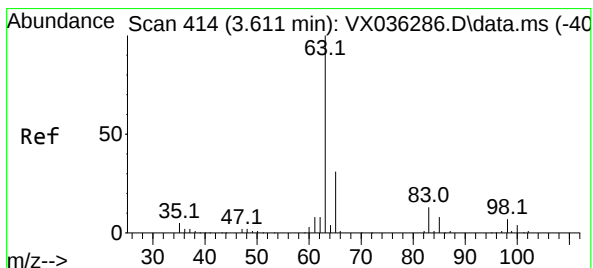
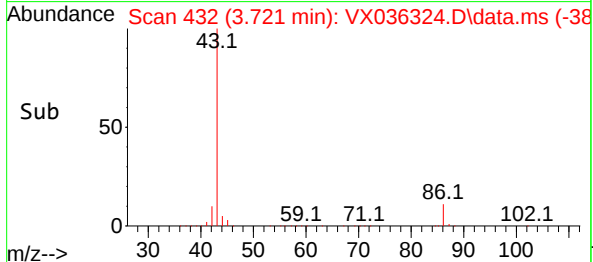
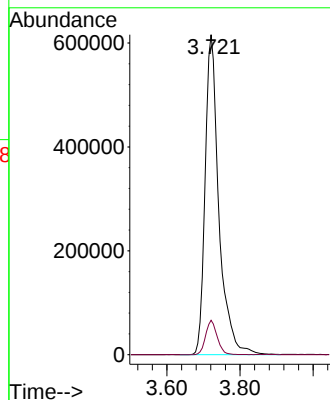
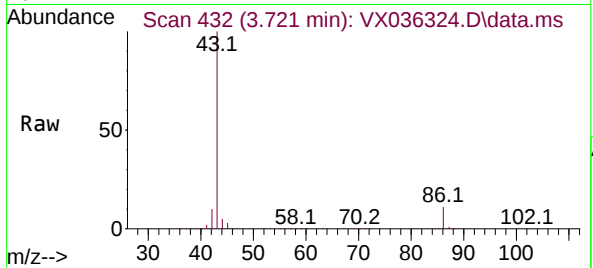




#23  
 Vinyl Acetate  
 Concen: 272.252 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX036324.D  
 Acq: 26 Jun 2023 10:37

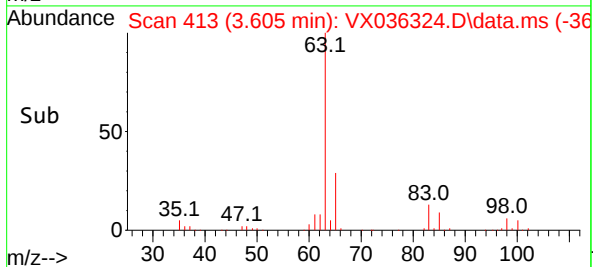
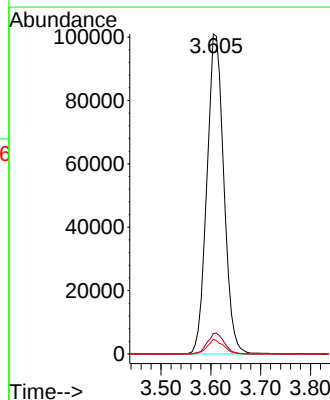
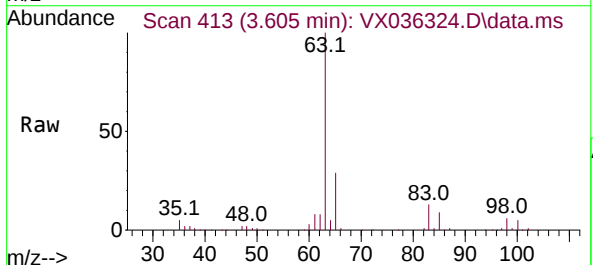
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

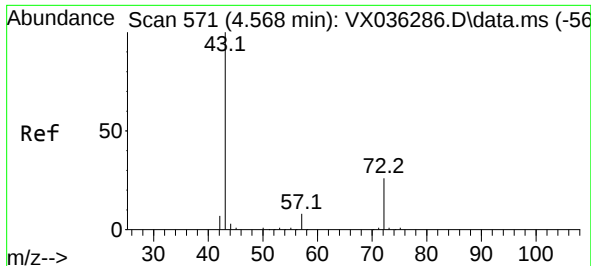
Tgt Ion: 43 Resp: 1609744  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 49.570 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX036324.D  
 Acq: 26 Jun 2023 10:37

Tgt Ion: 63 Resp: 238016  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.3 9.8  
 100 4.6 2.1 6.5

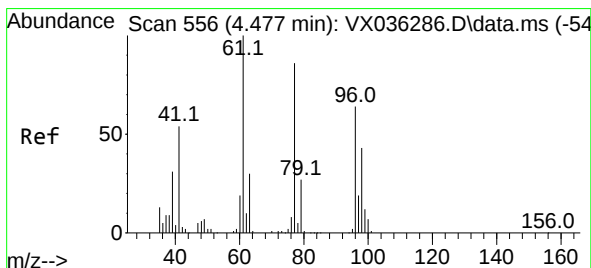
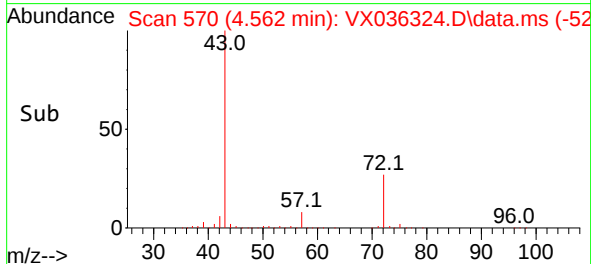
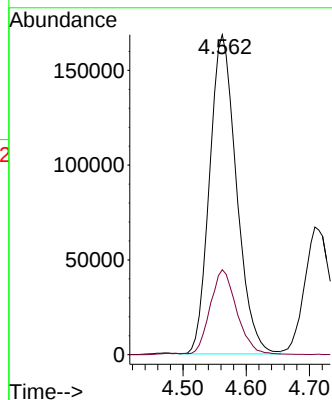
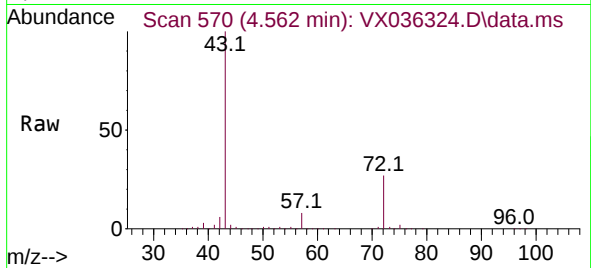




#25  
2-Butanone  
Concen: 256.258 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

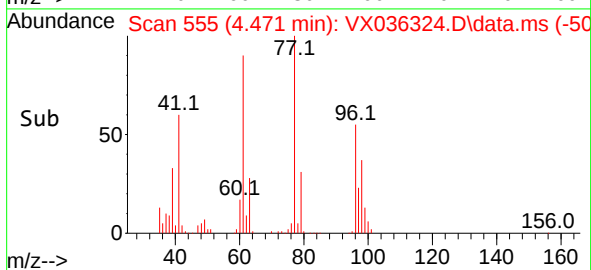
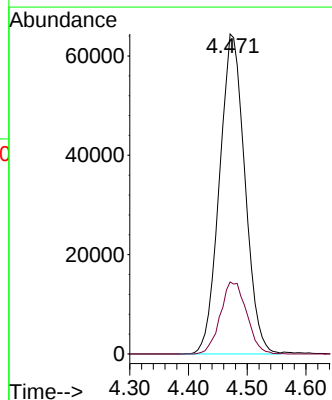
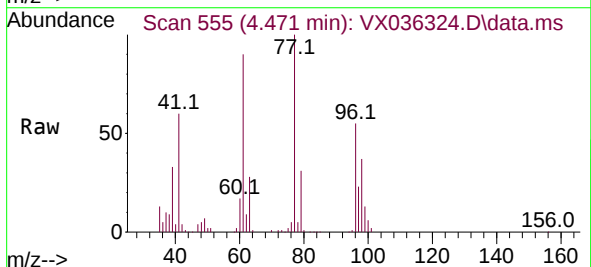
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

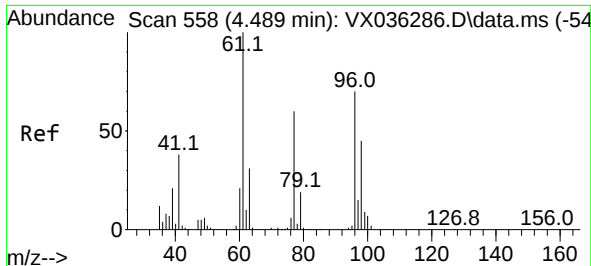
Tgt Ion: 43 Resp: 496640  
Ion Ratio Lower Upper  
43 100  
72 26.4 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 56.869 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 77 Resp: 193666  
Ion Ratio Lower Upper  
77 100  
97 23.3 10.8 32.3

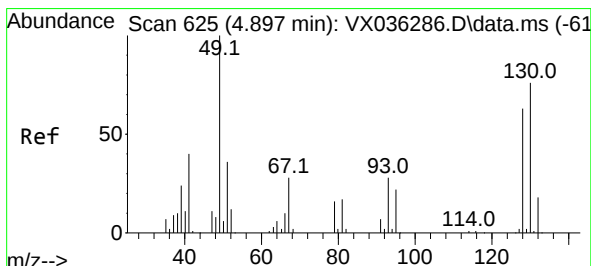
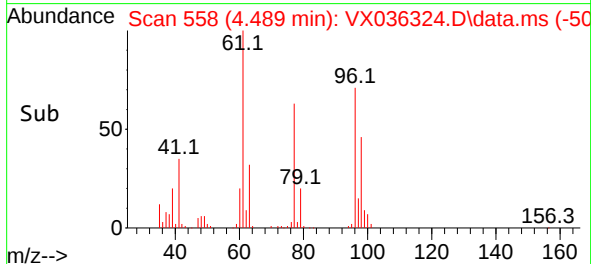
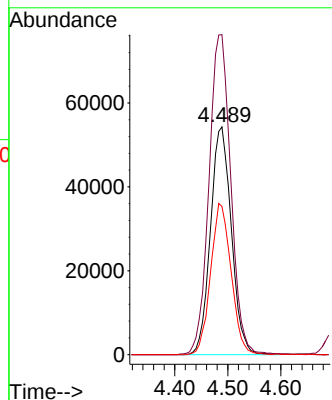
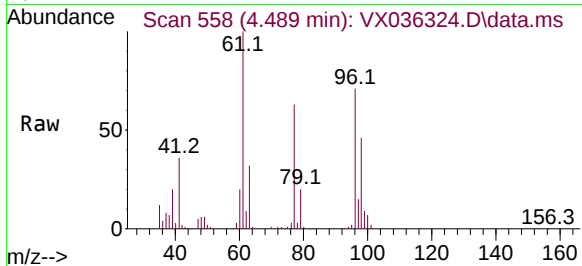




#27  
cis-1,2-Dichloroethene  
Concen: 49.739 ug/l  
RT: 4.489 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

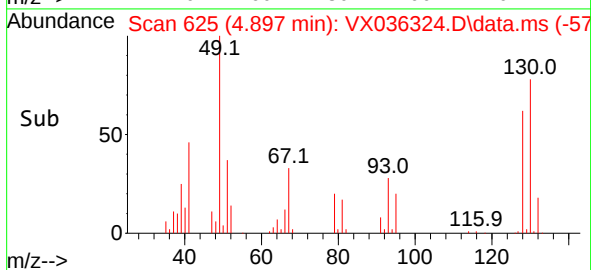
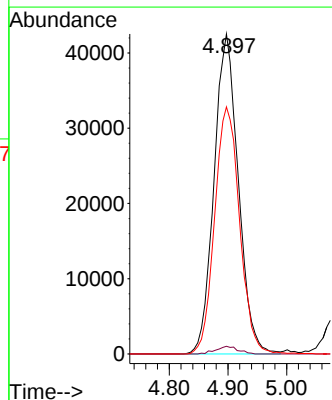
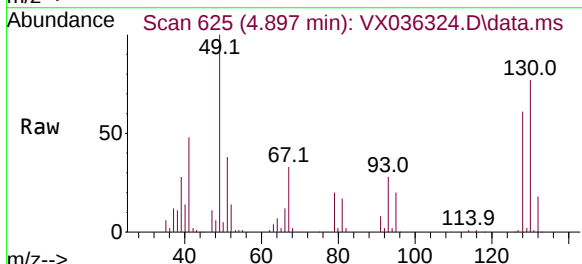
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

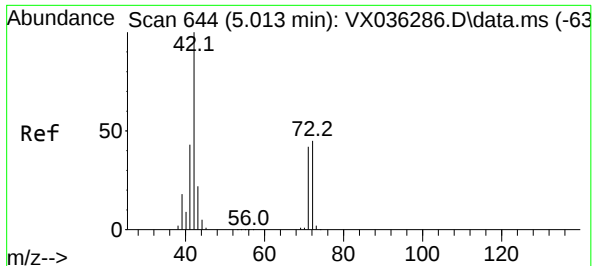
Tgt Ion: 96 Resp: 148933  
Ion Ratio Lower Upper  
96 100  
61 146.7 0.0 312.2  
98 65.0 0.0 129.0



#28  
Bromochloromethane  
Concen: 49.024 ug/l  
RT: 4.897 min Scan# 625  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 49 Resp: 122082  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 3.8  
130 79.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 256.941 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

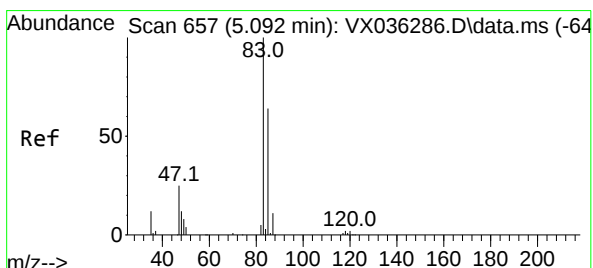
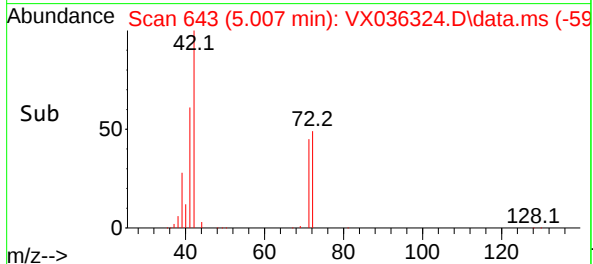
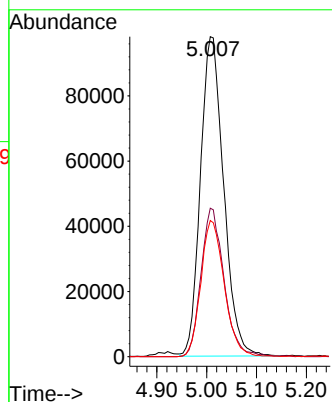
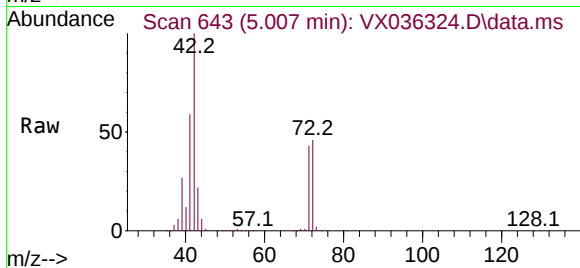
Tgt Ion: 42 Resp: 317036

Ion Ratio Lower Upper

42 100

72 46.0 34.2 51.4

71 43.1 32.2 48.2



#30

Chloroform

Concen: 50.167 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX036324.D

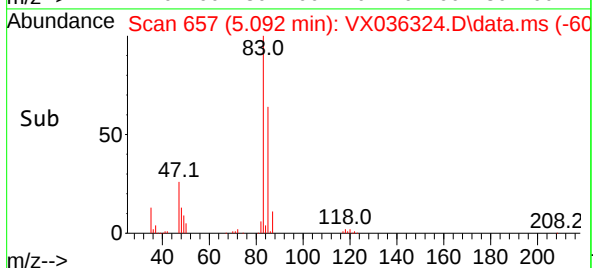
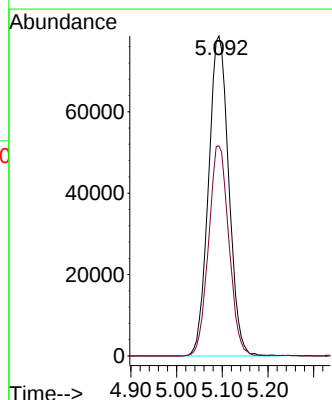
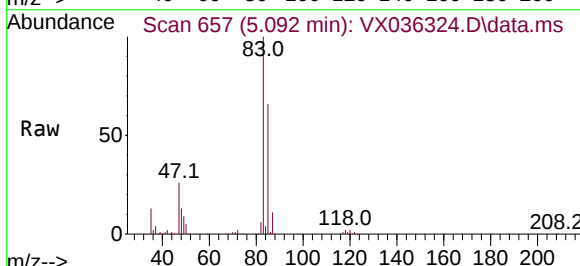
Acq: 26 Jun 2023 10:37

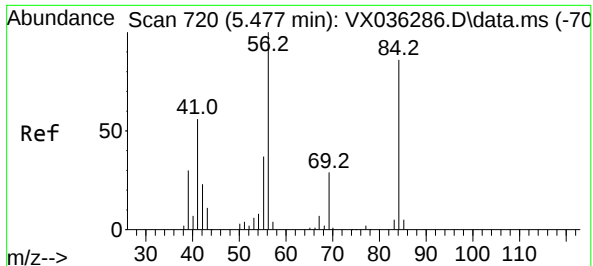
Tgt Ion: 83 Resp: 242619

Ion Ratio Lower Upper

83 100

85 65.6 50.3 75.5

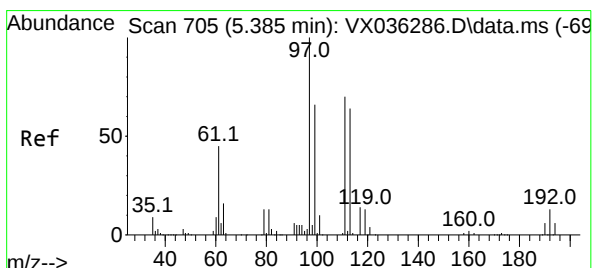
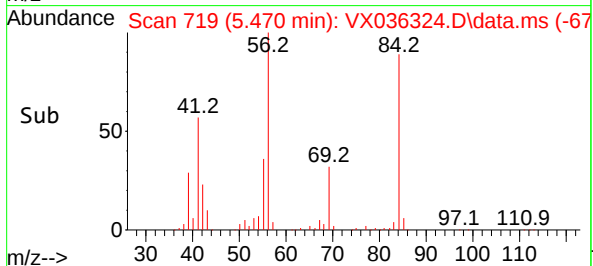
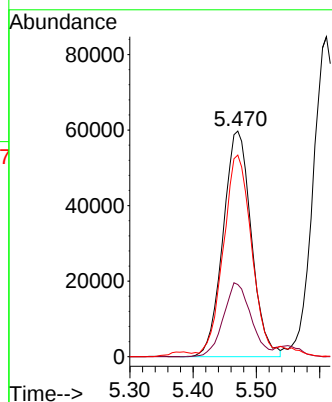
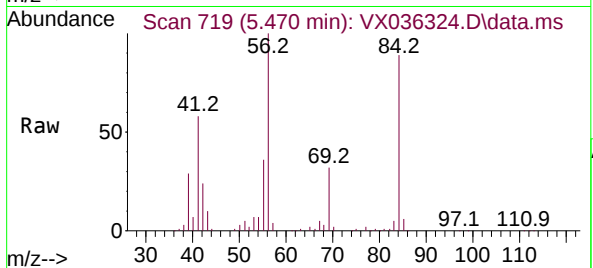




#31  
Cyclohexane  
Concen: 45.812 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

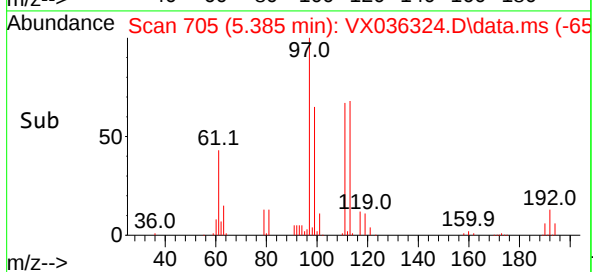
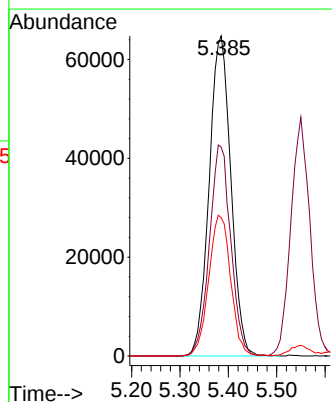
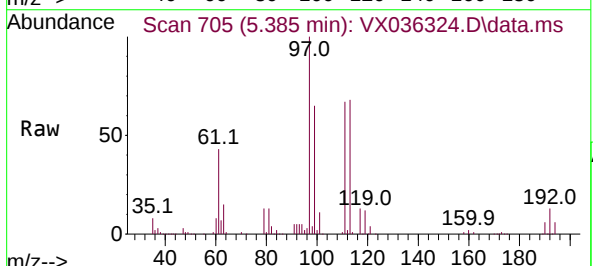
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

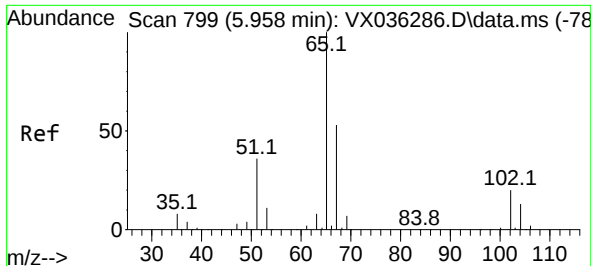
Tgt Ion: 56 Resp: 185266  
Ion Ratio Lower Upper  
56 100  
69 32.0 23.4 35.2  
84 87.4 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 49.917 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 97 Resp: 201655  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.1 76.7  
61 44.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.418 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

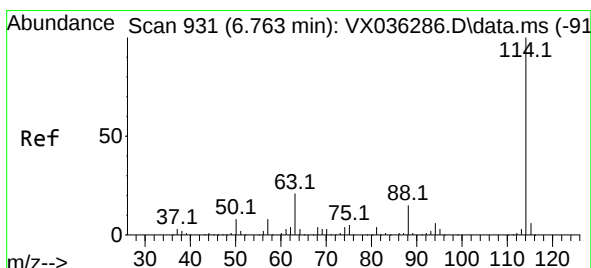
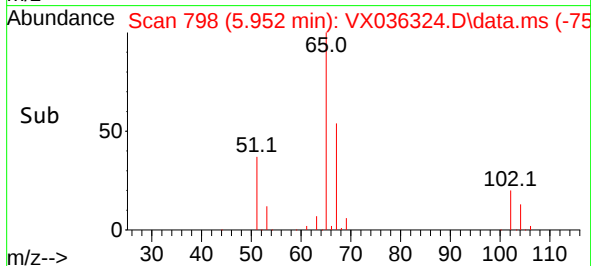
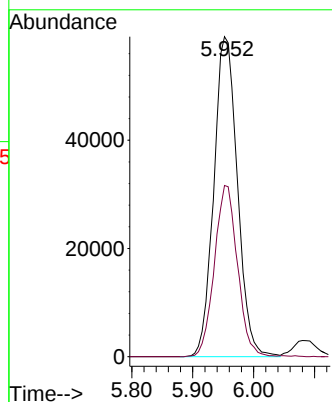
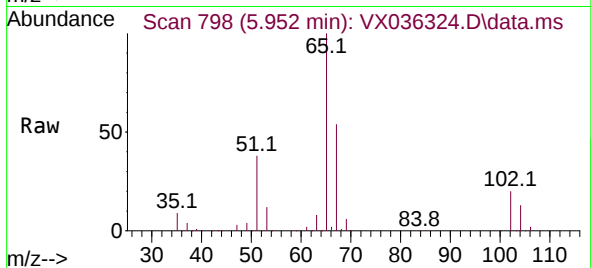
VSTDCCC050

Tgt Ion: 65 Resp: 159107

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

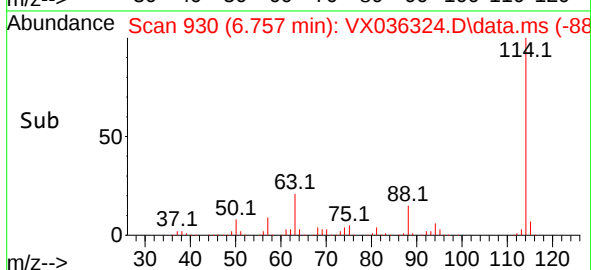
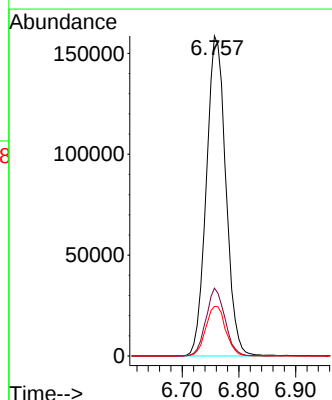
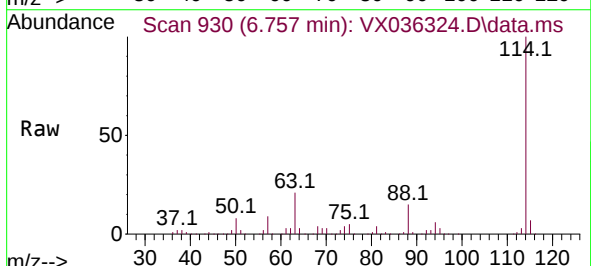
Tgt Ion: 114 Resp: 378407

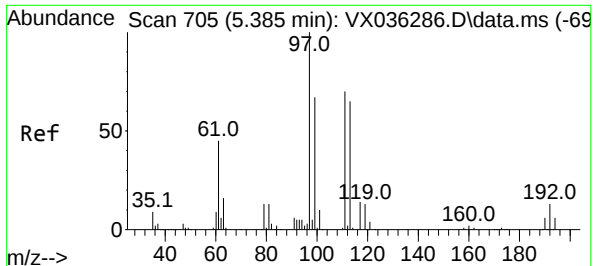
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 15.5 0.0 36.6

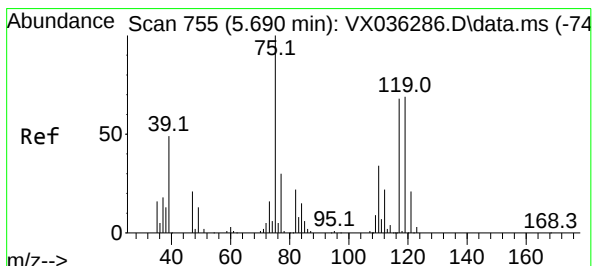
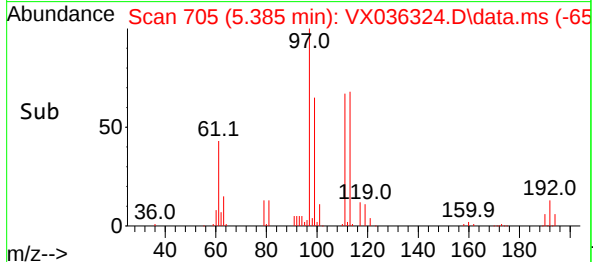
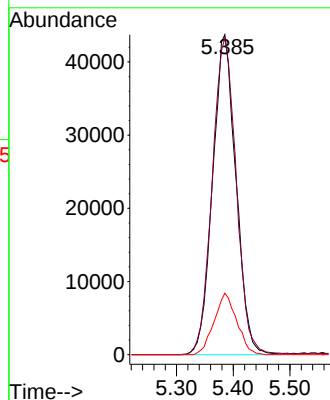
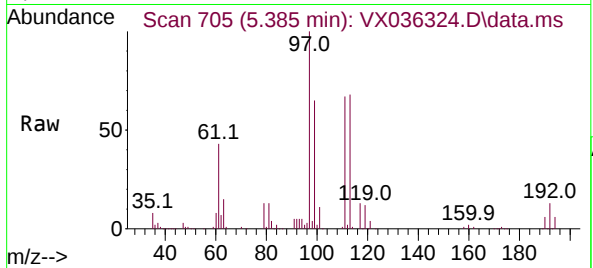




#35  
Dibromofluoromethane  
Concen: 49.923 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

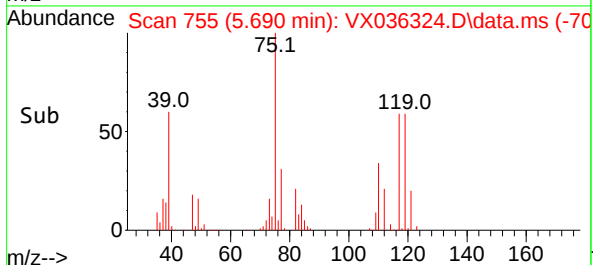
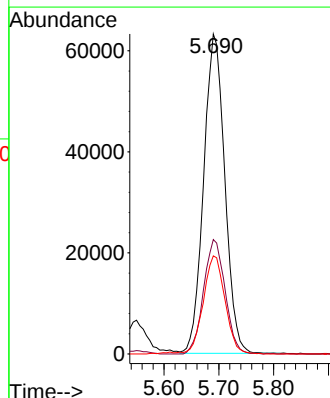
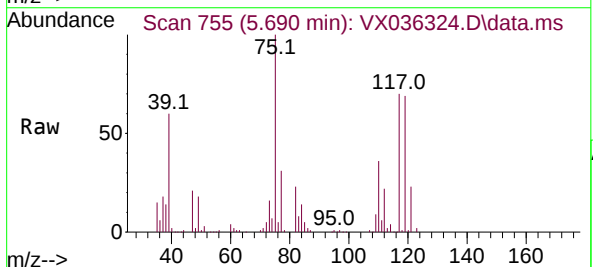
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

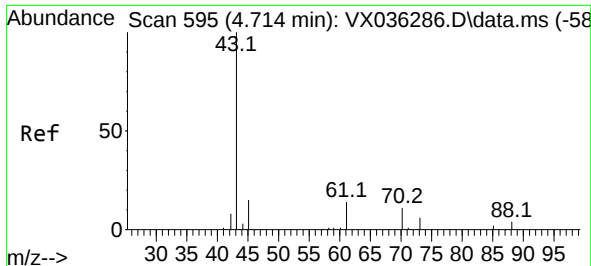
Tgt Ion:113 Resp: 124563  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.9 124.3  
192 18.7 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 45.494 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 75 Resp: 169204  
Ion Ratio Lower Upper  
75 100  
110 36.4 17.0 50.9  
77 31.6 24.7 37.1

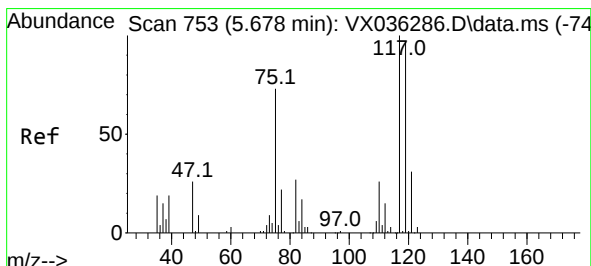
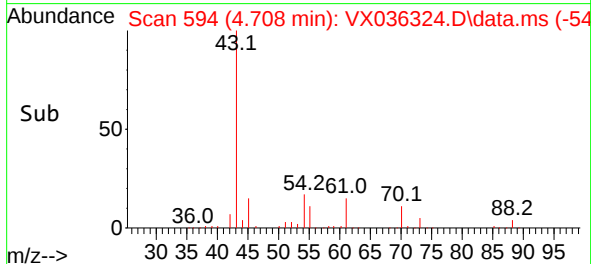
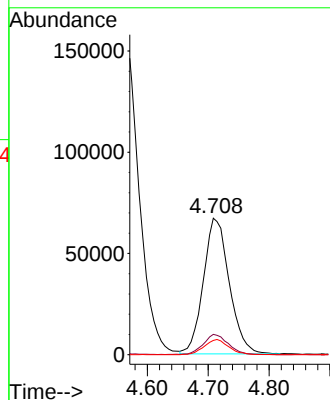
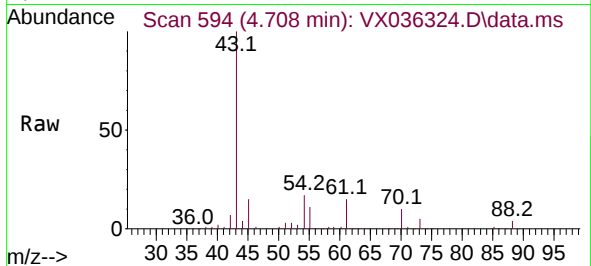




#37  
Ethyl Acetate  
Concen: 52.341 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

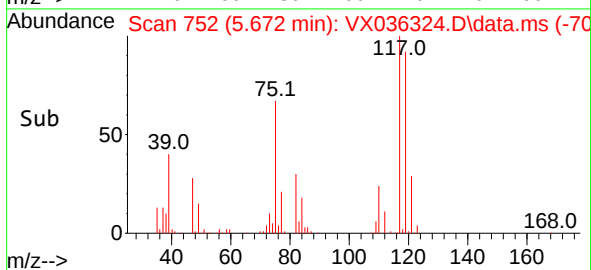
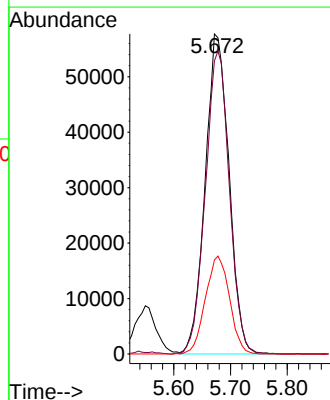
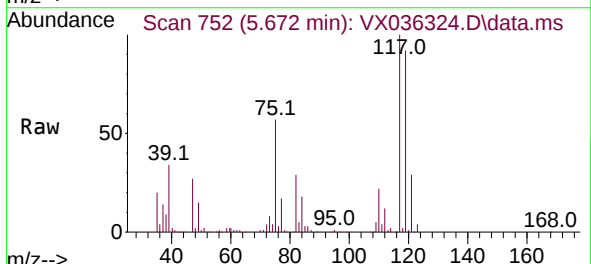
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

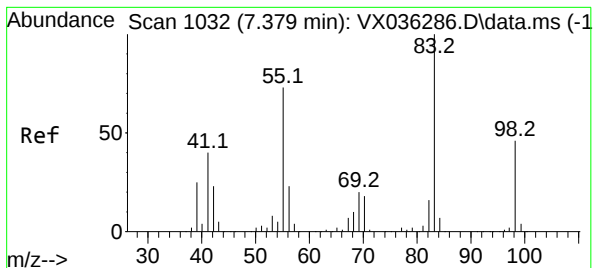
Tgt Ion: 43 Resp: 198411  
Ion Ratio Lower Upper  
43 100  
61 14.1 10.6 16.0  
70 10.6 8.3 12.5



#38  
Carbon Tetrachloride  
Concen: 49.670 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 117 Resp: 168724  
Ion Ratio Lower Upper  
117 100  
119 91.6 78.2 117.2  
121 29.4 24.4 36.6





#39

Methylcyclohexane

Concen: 47.317 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

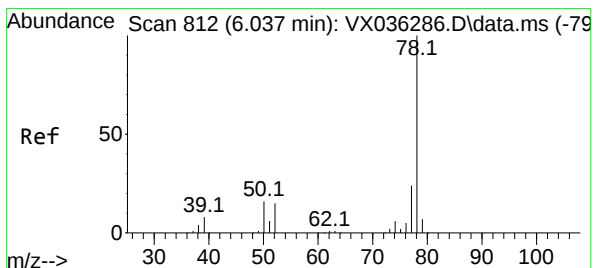
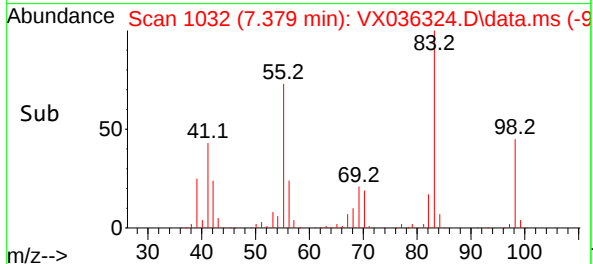
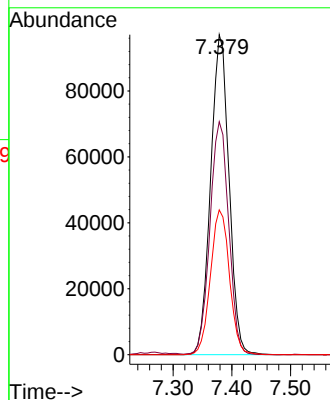
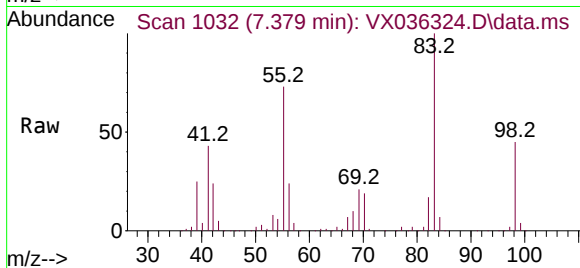
Tgt Ion: 83 Resp: 210784

Ion Ratio Lower Upper

83 100

55 72.8 64.6 97.0

98 45.2 36.7 55.1



#40

Benzene

Concen: 49.457 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036324.D

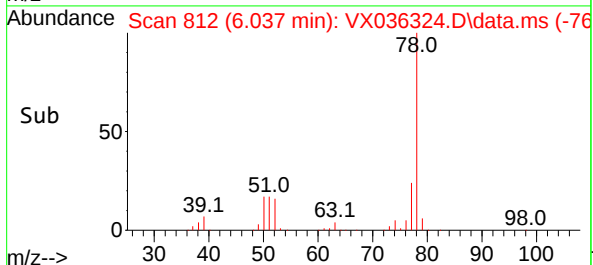
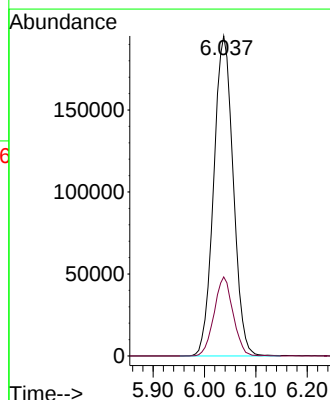
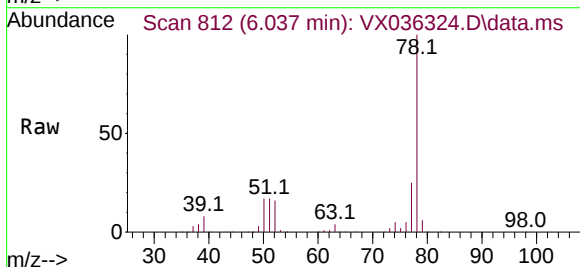
Acq: 26 Jun 2023 10:37

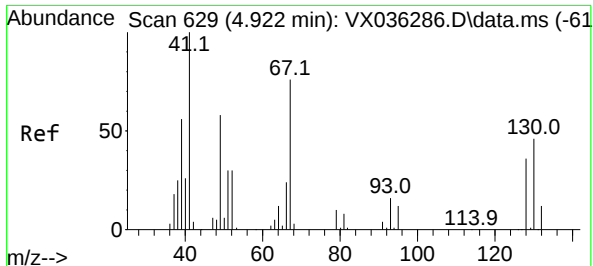
Tgt Ion: 78 Resp: 513846

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9

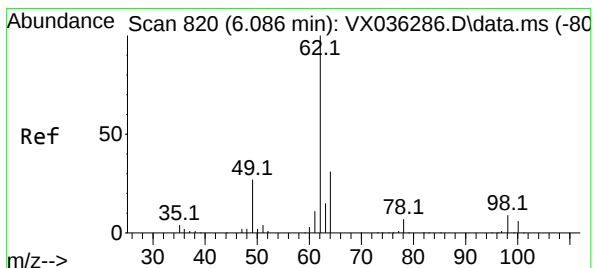
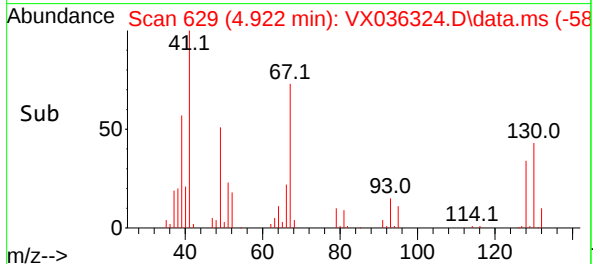
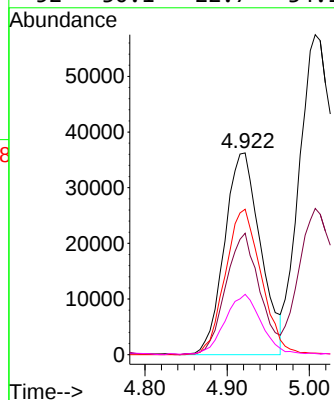
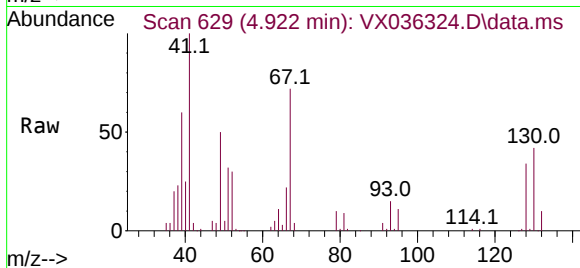




#41  
Methacrylonitrile  
Concen: 52.617 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

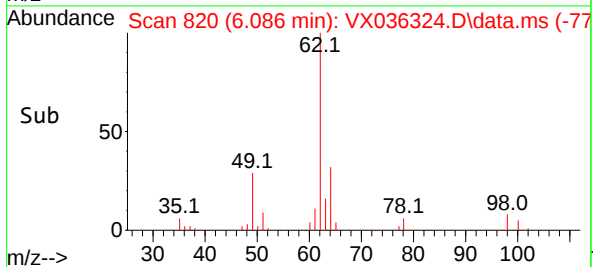
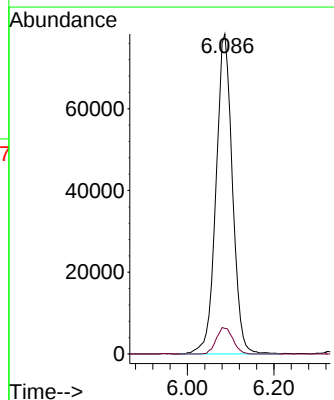
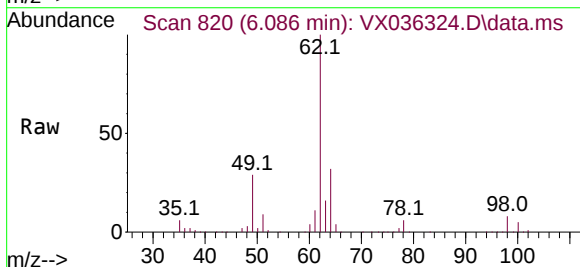
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

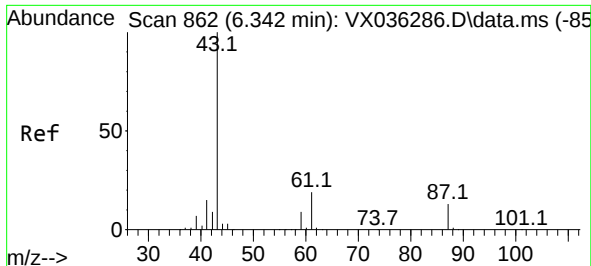
Tgt Ion: 41 Resp: 110648  
Ion Ratio Lower Upper  
41 100  
39 56.9 45.2 67.8  
67 72.3 52.6 78.8  
52 30.1 22.7 34.1



#42  
1,2-Dichloroethane  
Concen: 52.152 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 62 Resp: 206094  
Ion Ratio Lower Upper  
62 100  
98 8.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 54.624 ug/l

RT: 6.336 min Scan# 8

Delta R.T. -0.006 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

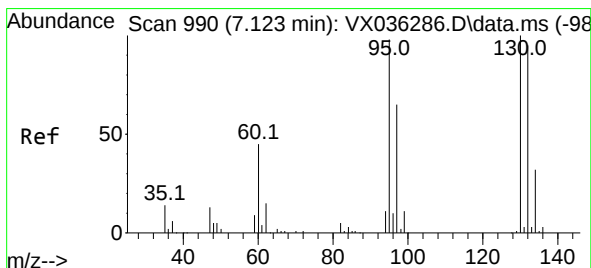
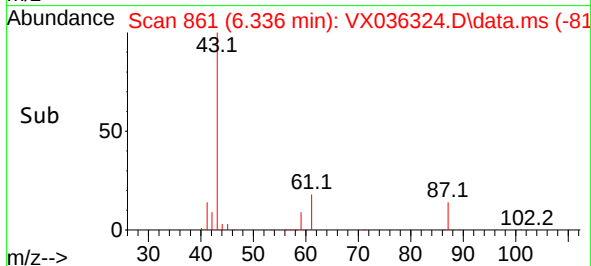
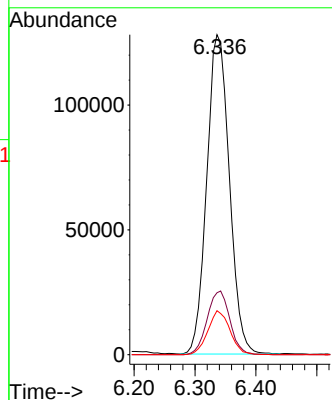
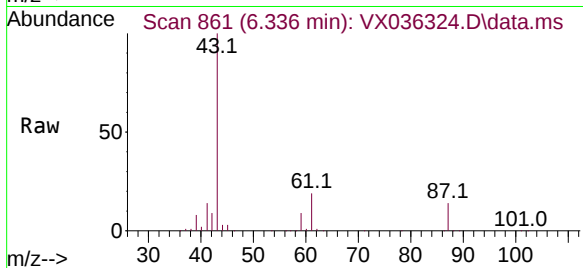
Tgt Ion: 43 Resp: 330324

Ion Ratio Lower Upper

43 100

61 20.0 15.2 22.8

87 13.5 9.8 14.6



#44

Trichloroethene

Concen: 47.705 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX036324.D

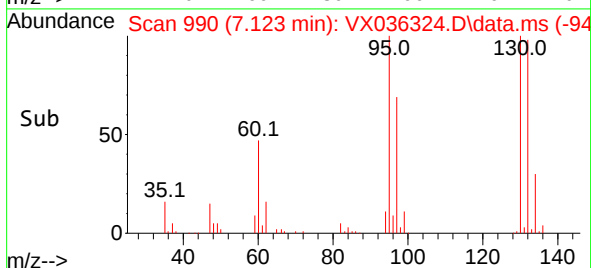
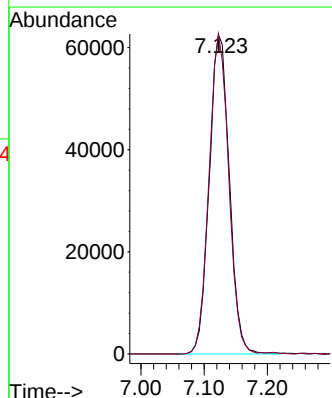
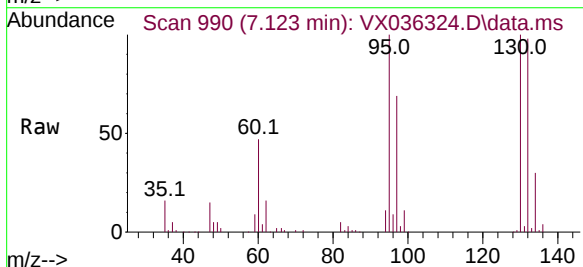
Acq: 26 Jun 2023 10:37

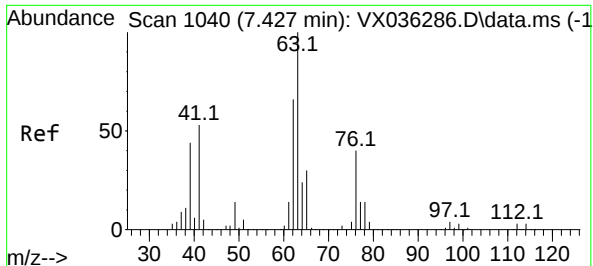
Tgt Ion:130 Resp: 137859

Ion Ratio Lower Upper

130 100

95 100.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.793 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

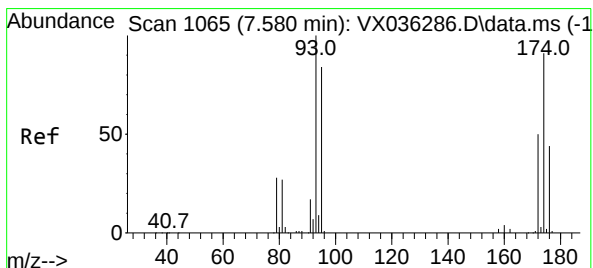
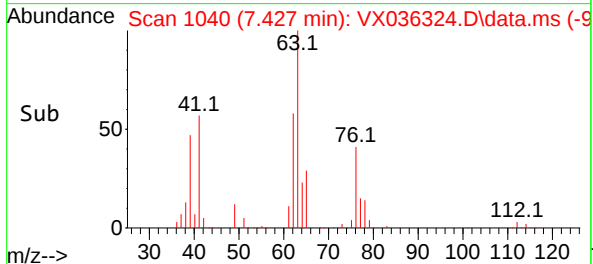
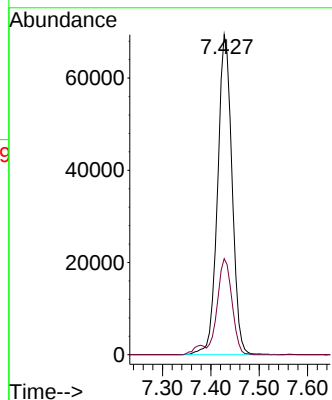
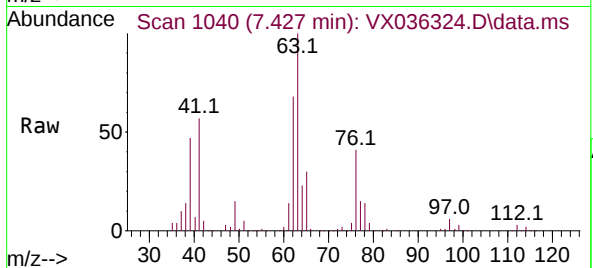
VSTDCCC050

Tgt Ion: 63 Resp: 143727

Ion Ratio Lower Upper

63 100

65 30.0 24.3 36.5



#46

Dibromomethane

Concen: 51.644 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

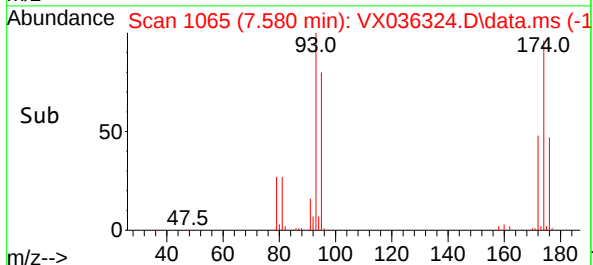
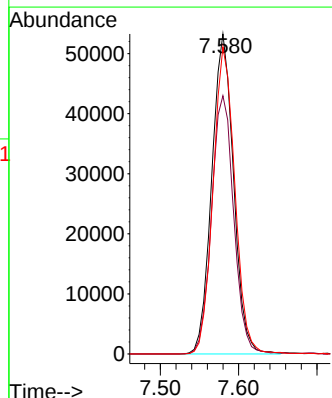
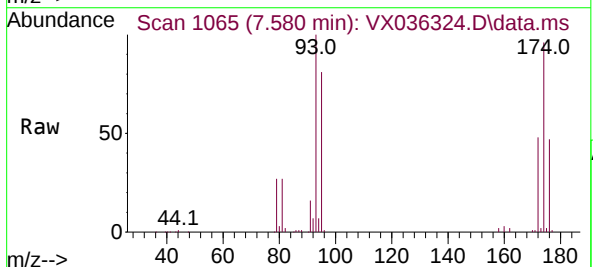
Tgt Ion: 93 Resp: 102866

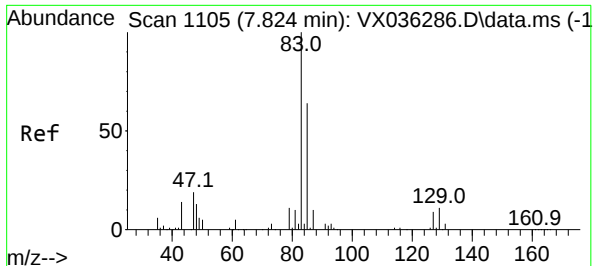
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 95.9 69.4 104.0

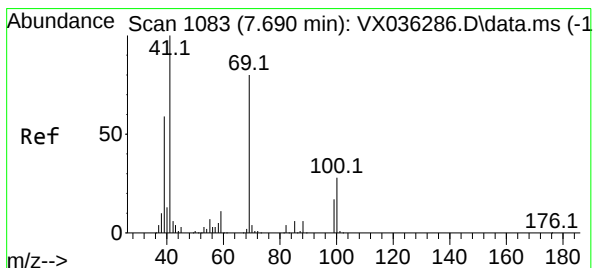
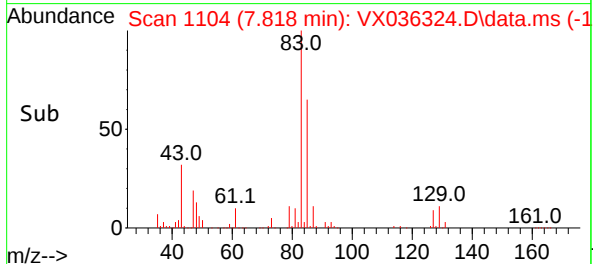
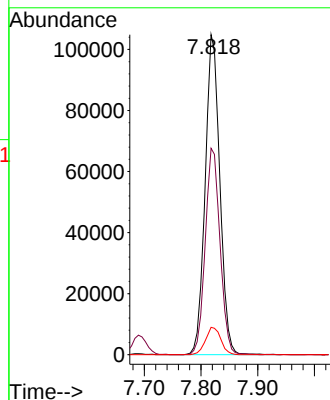
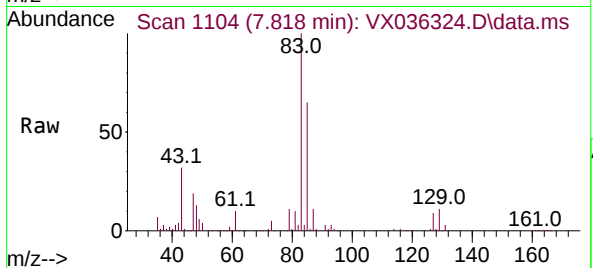




#47  
Bromodichloromethane  
Concen: 52.356 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.005 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

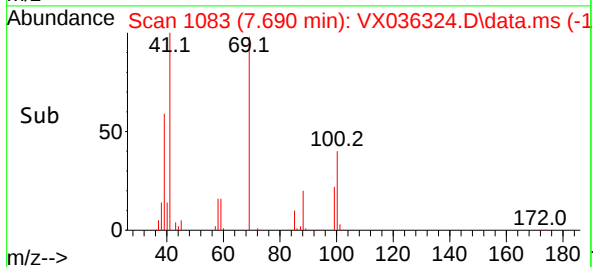
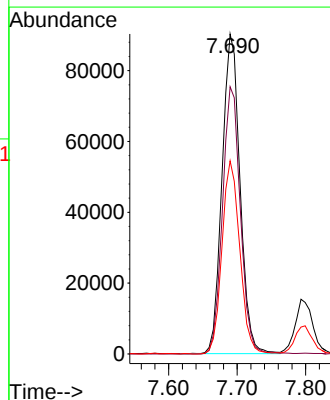
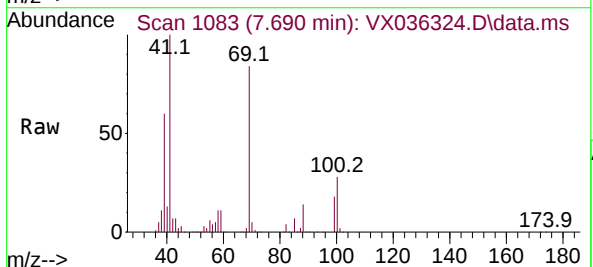
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

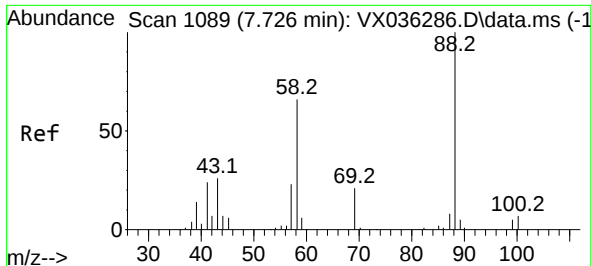
Tgt Ion: 83 Resp: 188588  
Ion Ratio Lower Upper  
83 100  
85 64.5 49.8 74.6  
127 8.5 7.1 10.7



#48  
Methyl methacrylate  
Concen: 54.345 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.001 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 41 Resp: 163860  
Ion Ratio Lower Upper  
41 100  
69 83.3 59.2 88.8  
39 59.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1029.120 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.030 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

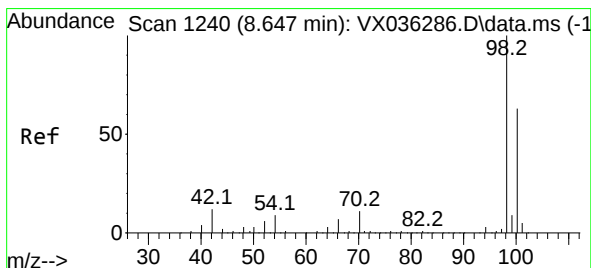
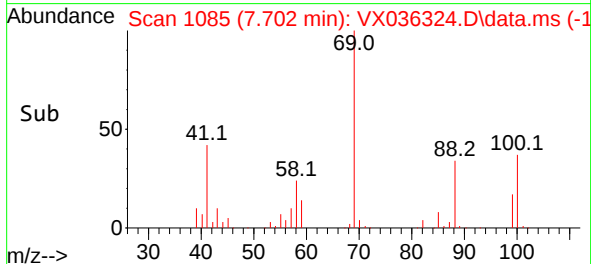
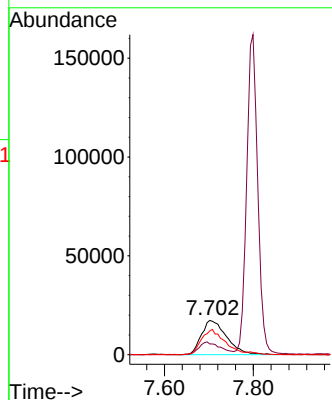
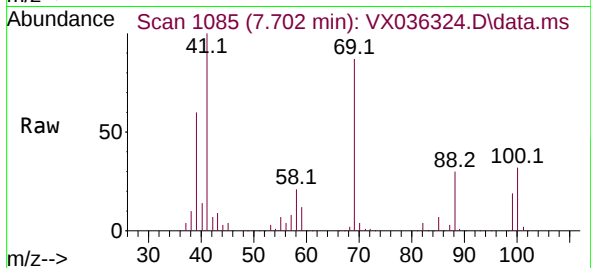
Tgt Ion: 88 Resp: 68789

Ion Ratio Lower Upper

88 100

43 31.2 0.0 0.0#

58 67.3 60.1 90.1



#50

Toluene-d8

Concen: 47.753 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036324.D

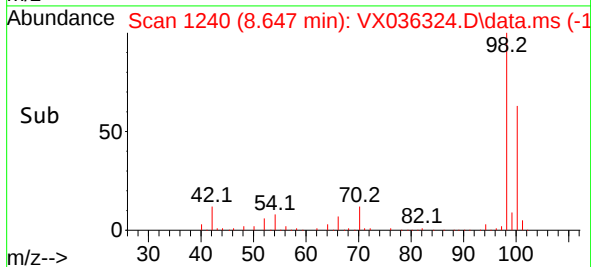
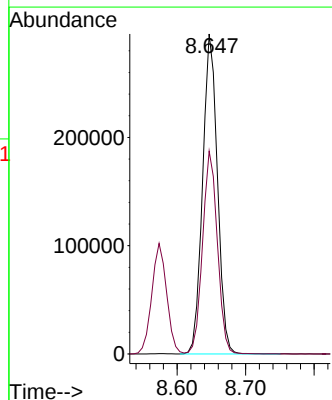
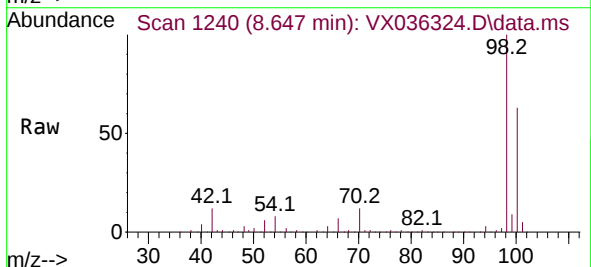
Acq: 26 Jun 2023 10:37

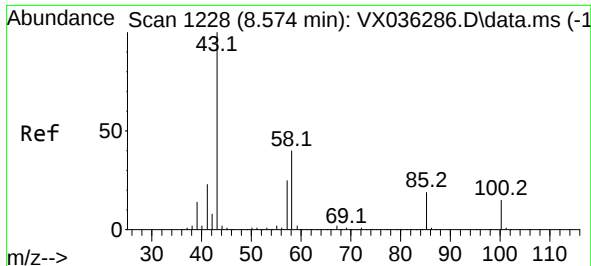
Tgt Ion: 98 Resp: 445017

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7

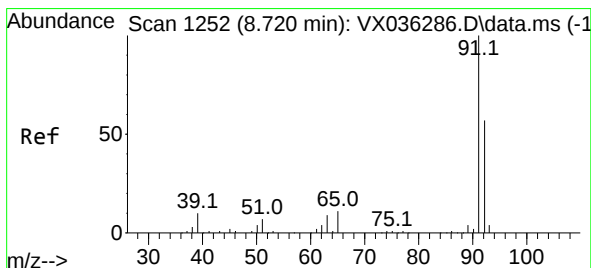
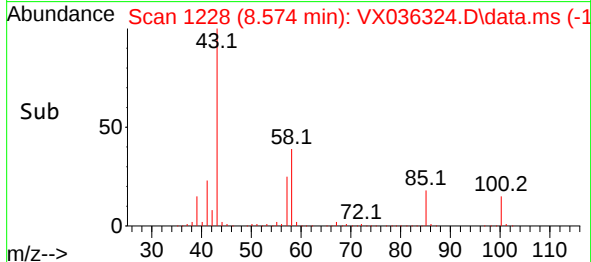
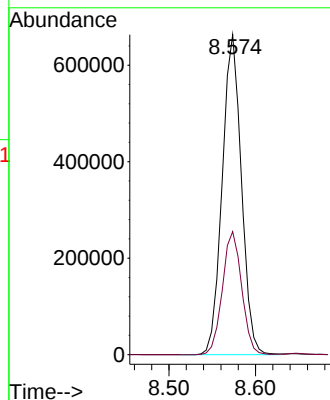
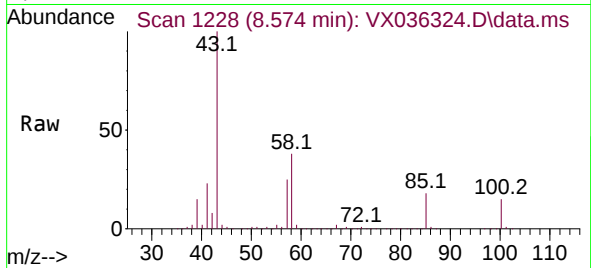




#51  
4-Methyl-2-Pentanone  
Concen: 261.438 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.001 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

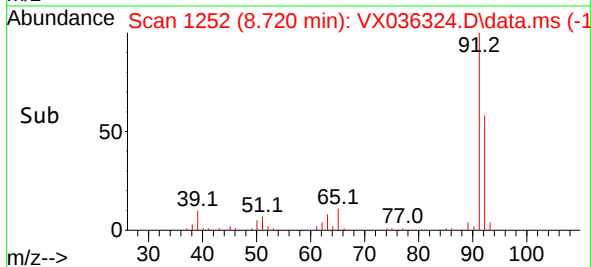
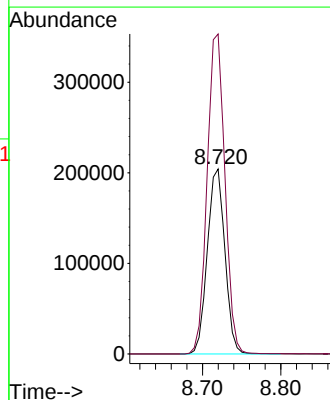
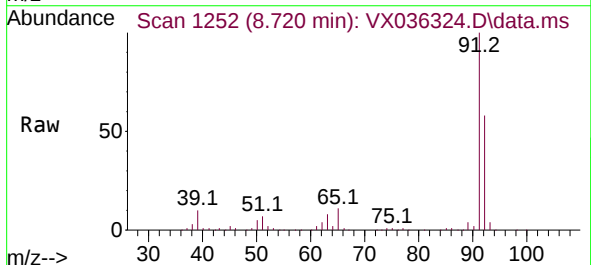
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

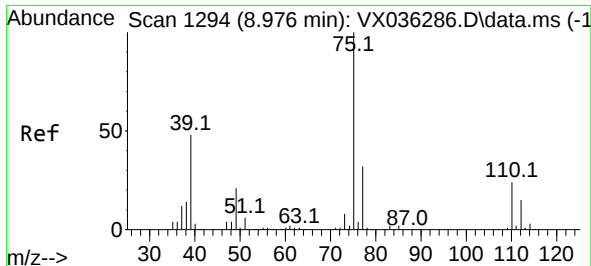
Tgt Ion: 43 Resp: 1018574  
Ion Ratio Lower Upper  
43 100  
58 38.6 30.4 45.6



#52  
Toluene  
Concen: 48.304 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 92 Resp: 318051  
Ion Ratio Lower Upper  
92 100  
91 174.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 58.212 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

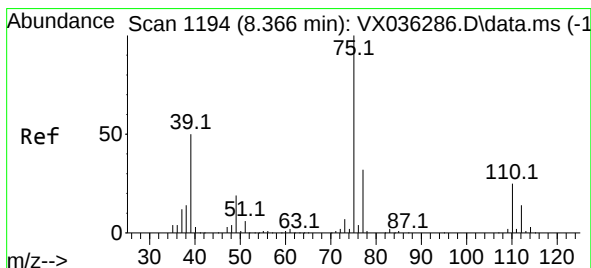
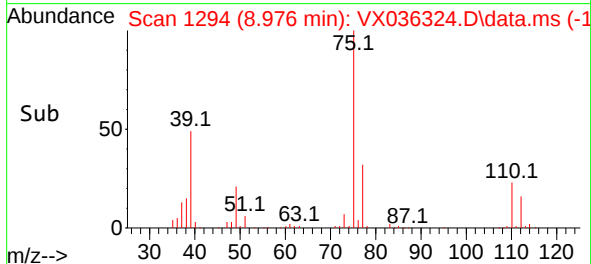
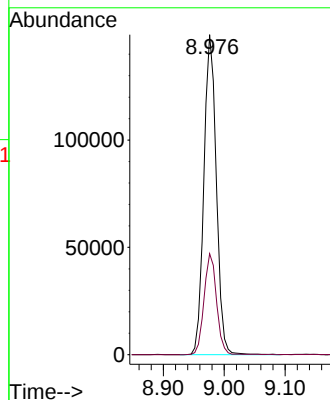
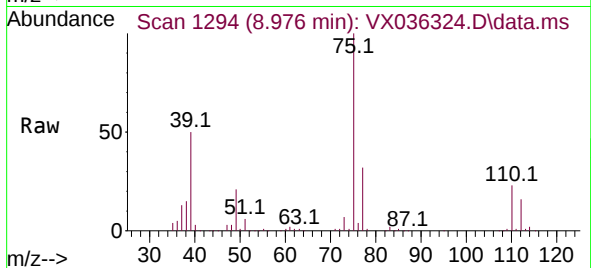
VSTDCCC050

Tgt Ion: 75 Resp: 211808

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 55.732 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

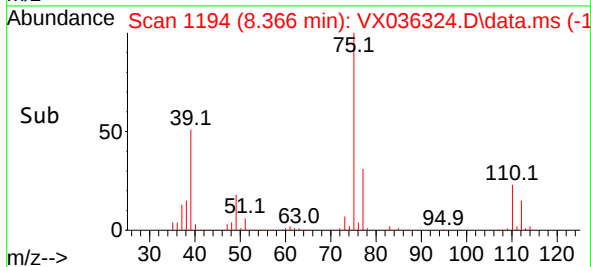
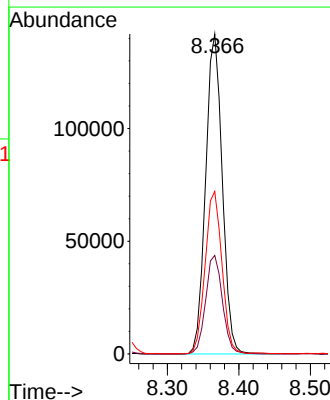
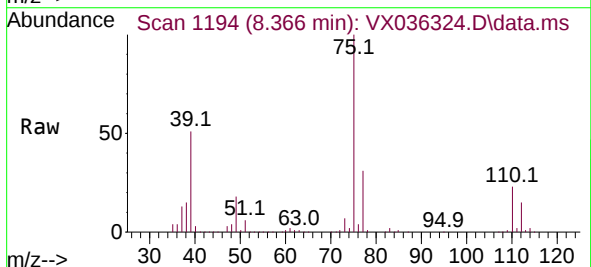
Tgt Ion: 75 Resp: 229236

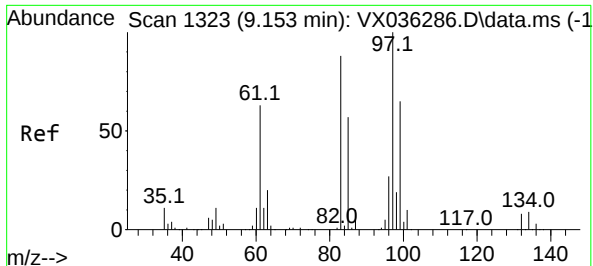
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 50.7 46.7 70.1



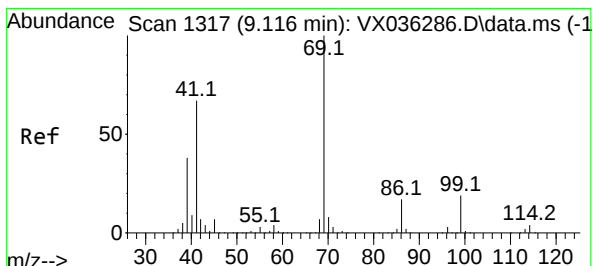
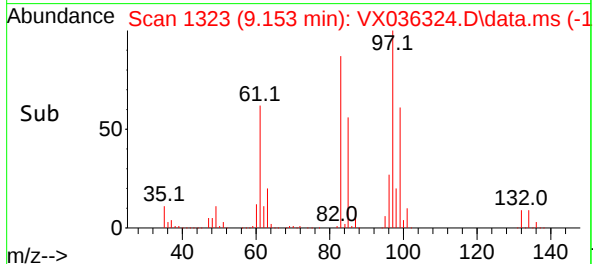
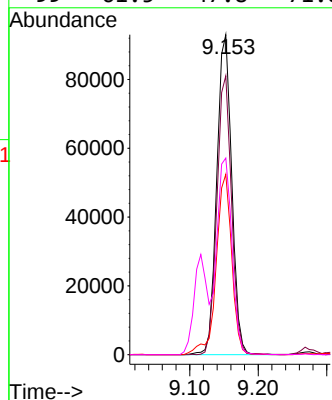
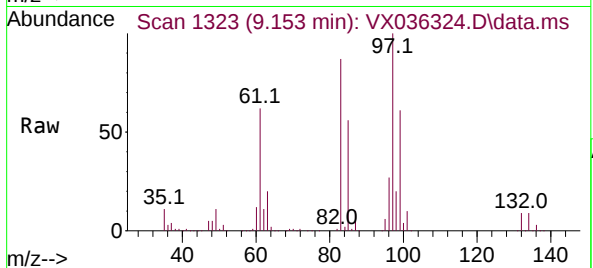


#55  
1,1,2-Trichloroethane  
Concen: 51.259 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 140268

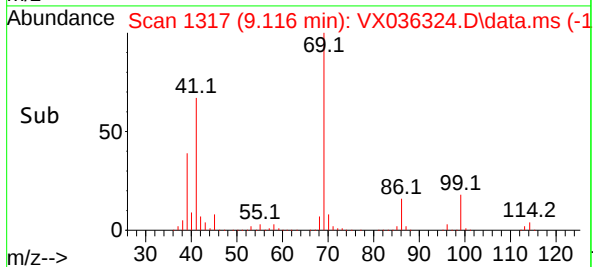
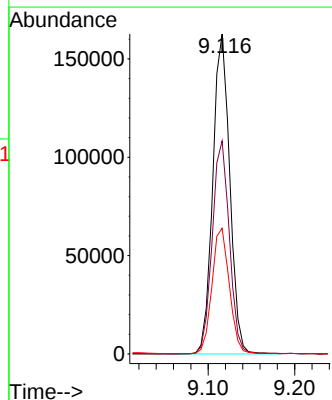
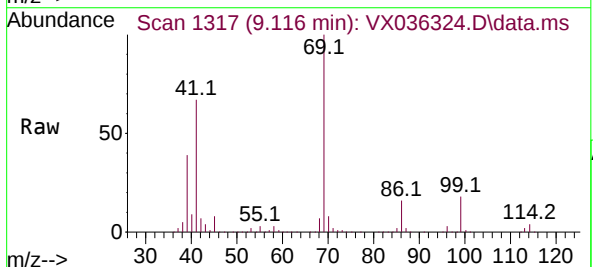
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.2  | 65.8  | 98.8  |
| 85  | 56.4  | 41.6  | 62.4  |
| 99  | 61.5  | 47.8  | 71.8  |

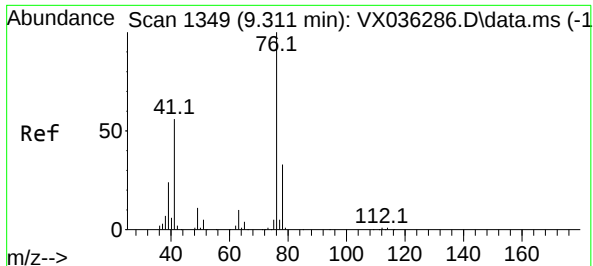


#56  
Ethyl methacrylate  
Concen: 54.151 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 69 Resp: 221643

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 67.1  | 56.8  | 85.2  |
| 39  | 40.4  | 32.0  | 48.0  |





#57

1,3-Dichloropropane

Concen: 50.521 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

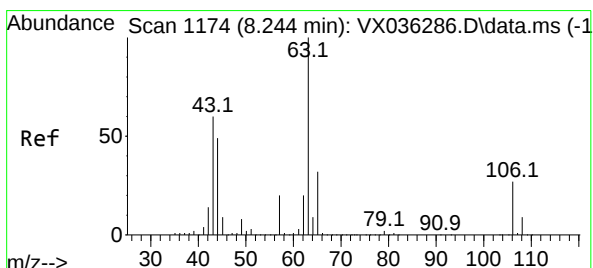
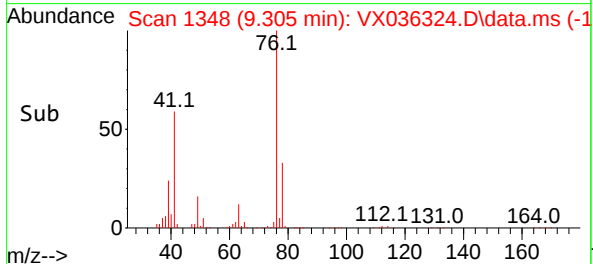
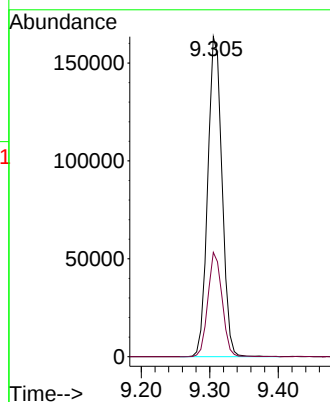
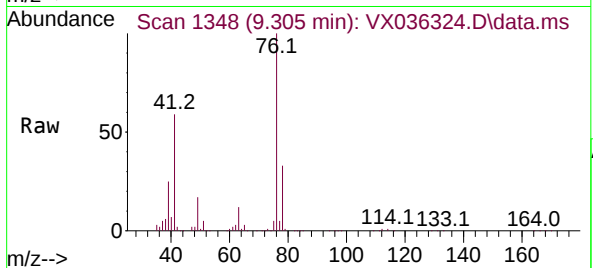
VSTDCCC050

Tgt Ion: 76 Resp: 236932

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 259.040 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036324.D

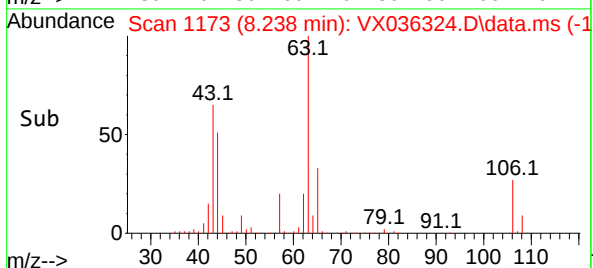
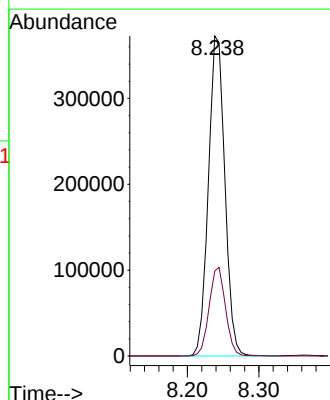
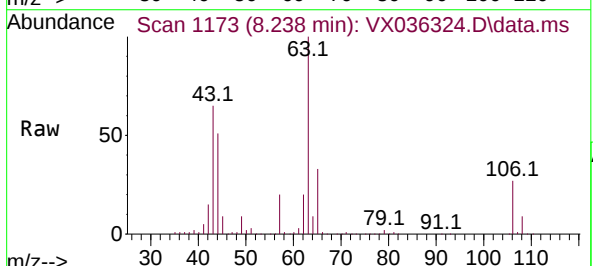
Acq: 26 Jun 2023 10:37

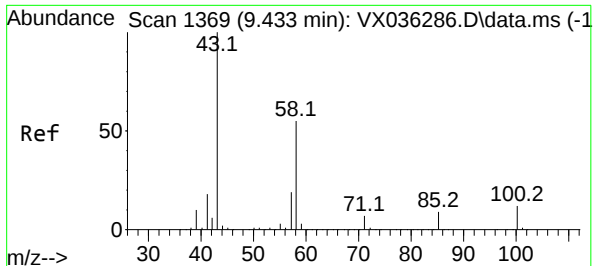
Tgt Ion: 63 Resp: 595855

Ion Ratio Lower Upper

63 100

106 27.5 22.5 33.7

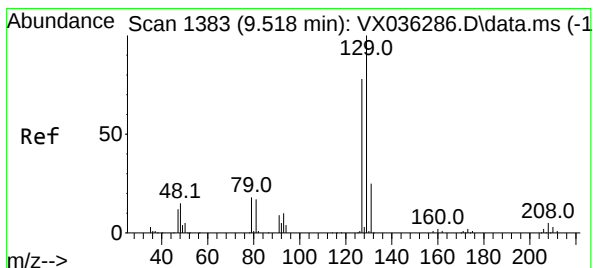
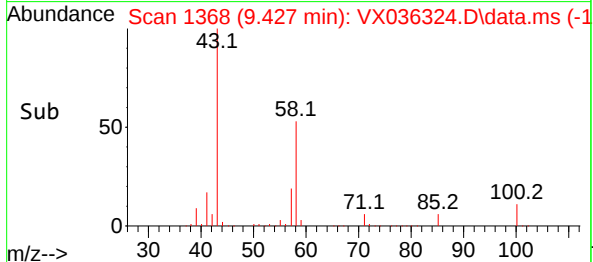
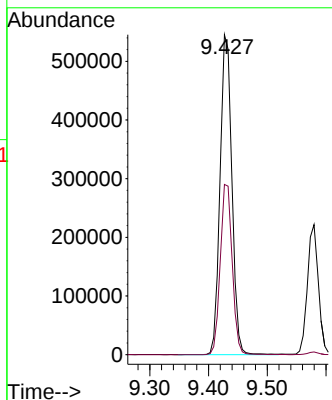
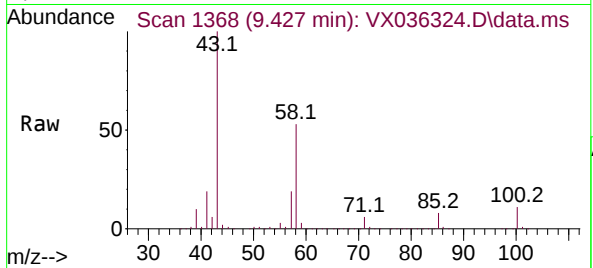




#59  
2-Hexanone  
Concen: 268.221 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

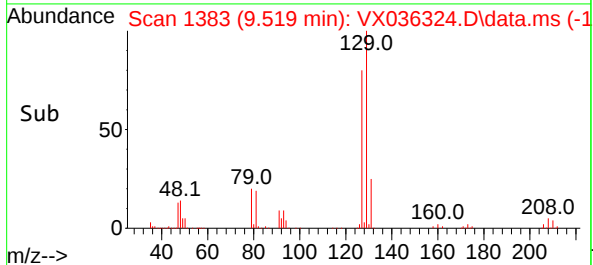
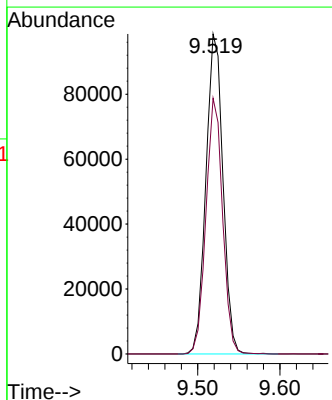
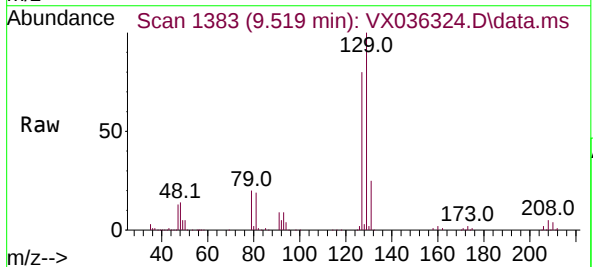
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

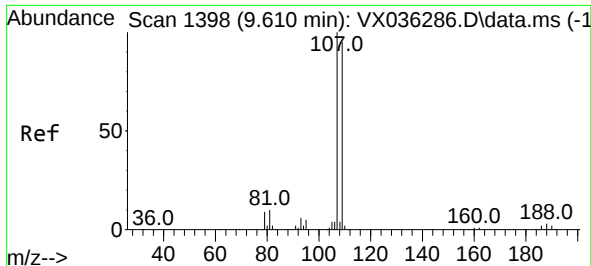
Tgt Ion: 43 Resp: 763113  
Ion Ratio Lower Upper  
43 100  
58 53.6 26.2 78.5



#60  
Dibromochloromethane  
Concen: 53.251 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.001 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 129 Resp: 141580  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.8 116.4

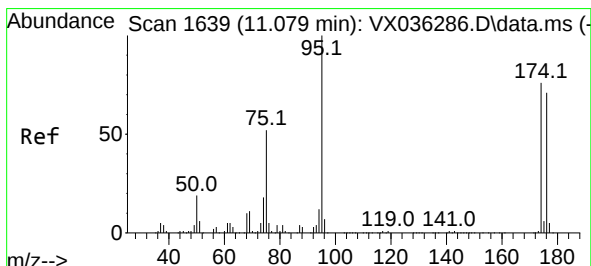
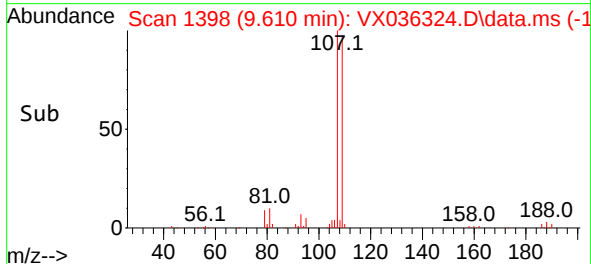
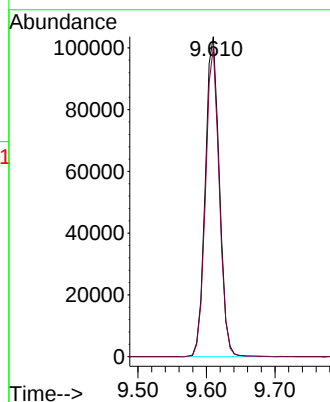
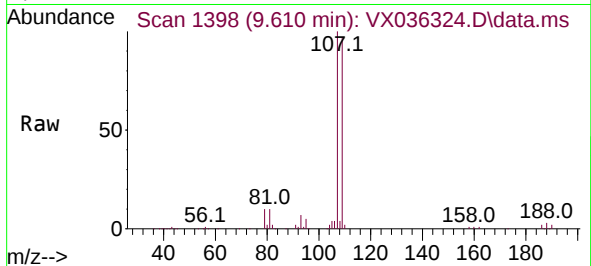




#61  
1,2-Dibromoethane  
Concen: 51.035 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

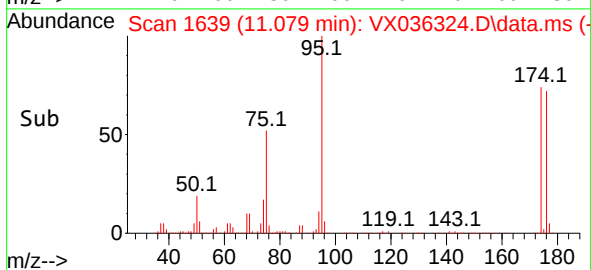
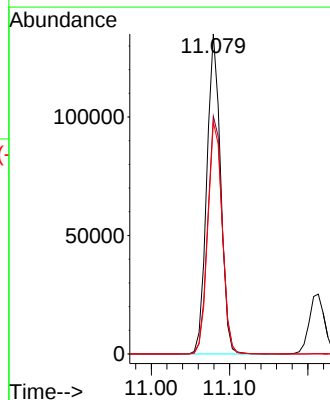
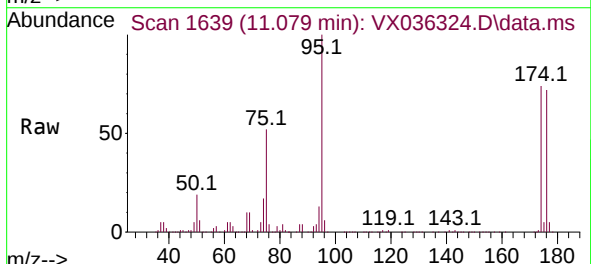
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

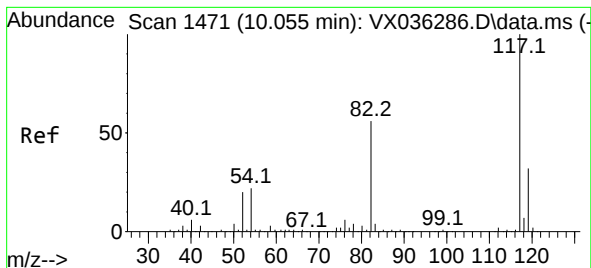
Tgt Ion:107 Resp: 148209  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 50.113 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 95 Resp: 164497  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 135.6  
176 75.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

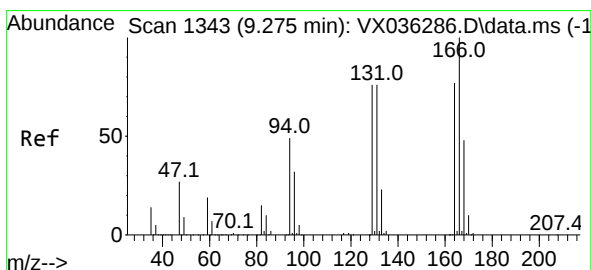
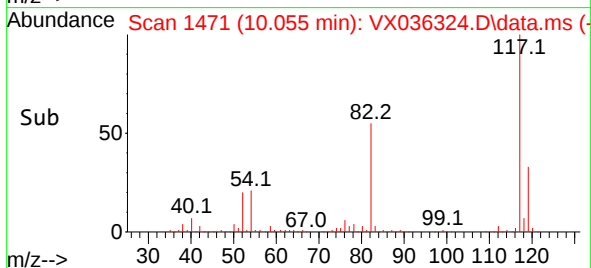
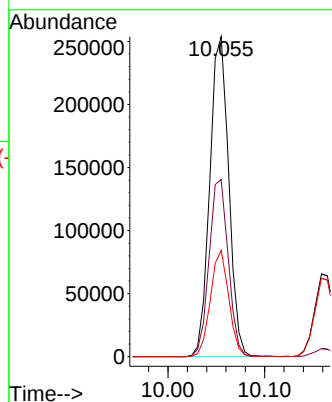
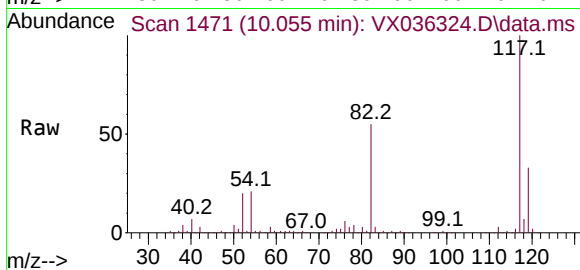
Tgt Ion:117 Resp: 346185

Ion Ratio Lower Upper

117 100

82 55.4 46.2 69.4

119 33.2 25.5 38.3



#64

Tetrachloroethene

Concen: 47.600 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.001 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Tgt Ion:164 Resp: 116351

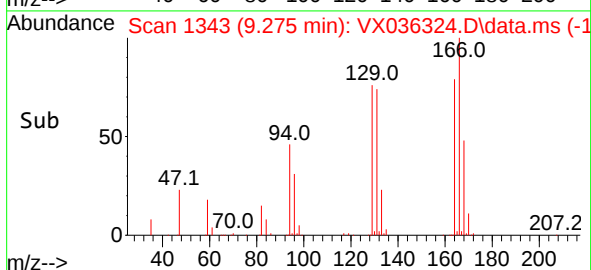
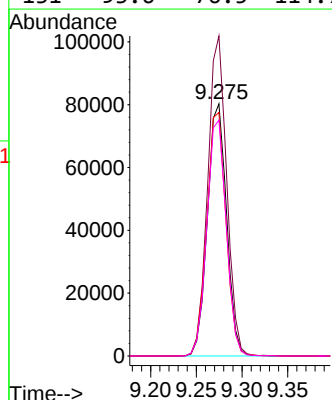
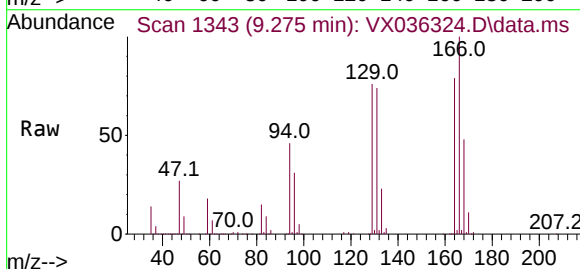
Ion Ratio Lower Upper

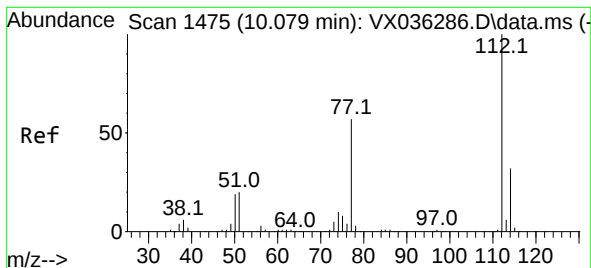
164 100

166 126.9 102.7 154.1

129 96.6 80.4 120.6

131 93.6 76.5 114.7

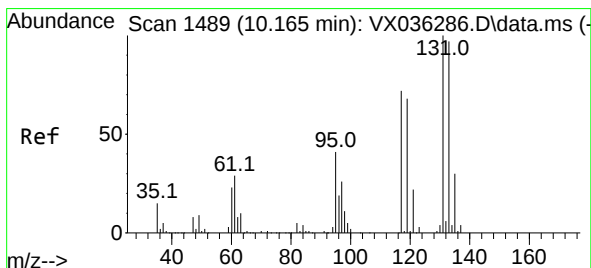
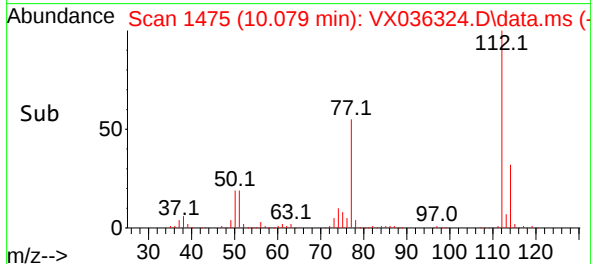
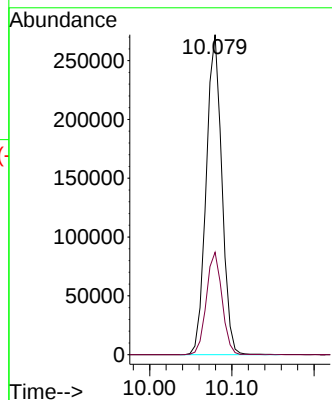
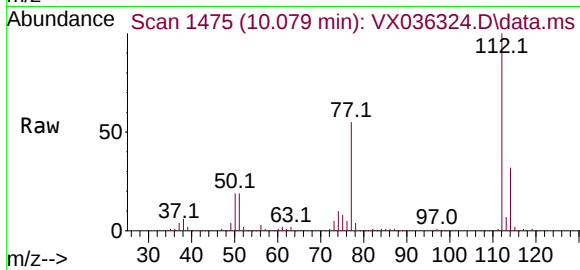




#65  
Chlorobenzene  
Concen: 49.388 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

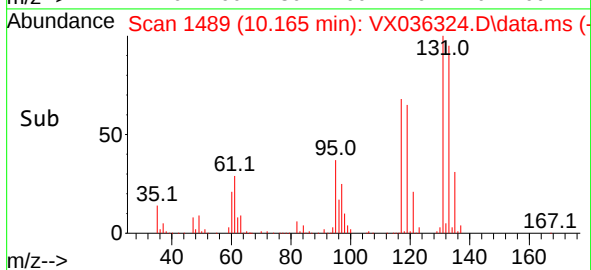
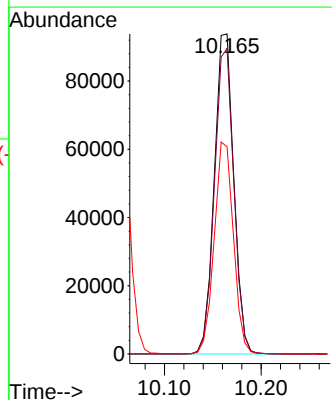
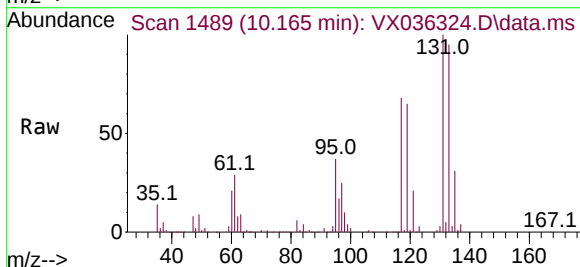
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

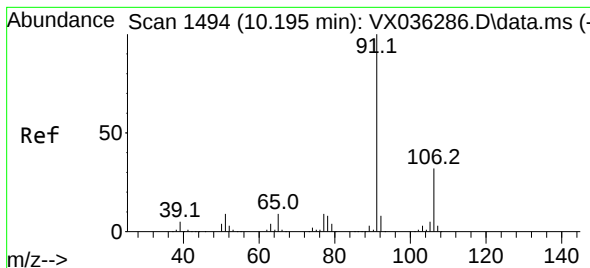
Tgt Ion:112 Resp: 359414  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.426 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion:131 Resp: 131417  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.1 141.4  
119 65.4 32.2 96.6

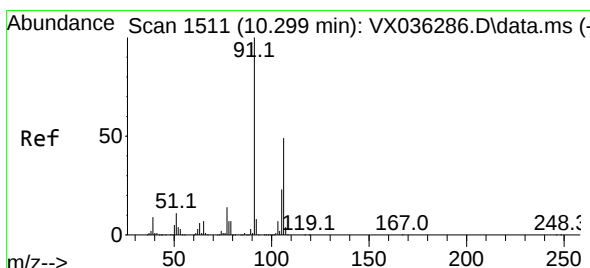
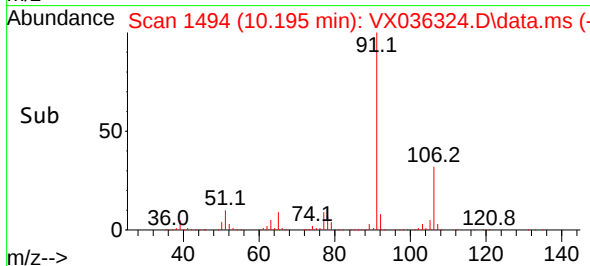
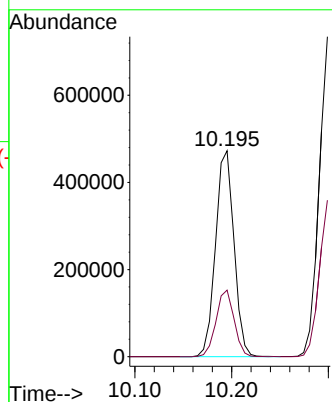
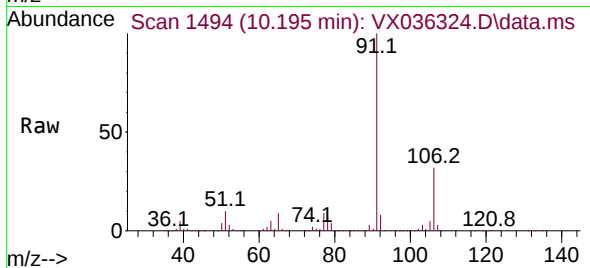




#67  
Ethyl Benzene  
Concen: 48.271 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

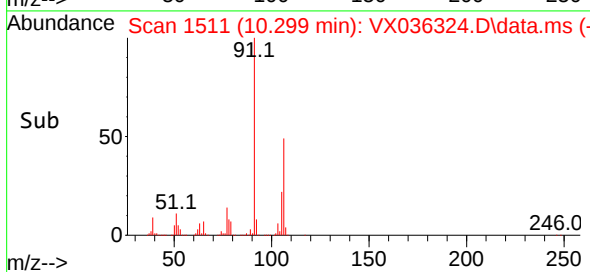
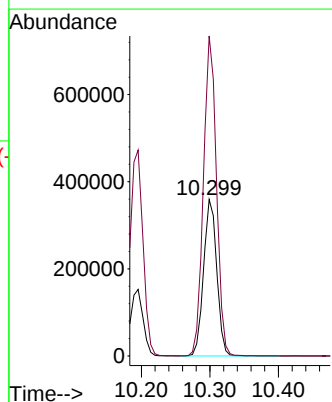
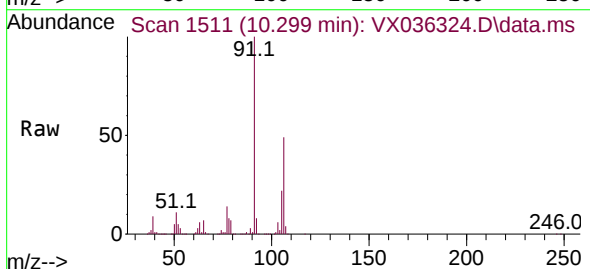
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

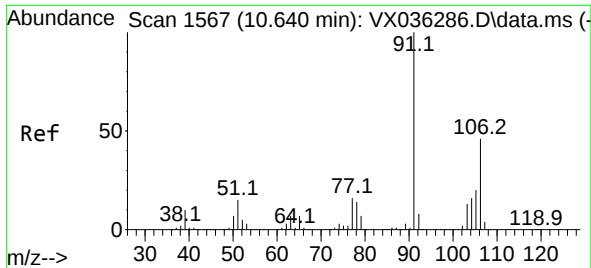
Tgt Ion: 91 Resp: 624515  
Ion Ratio Lower Upper  
91 100  
106 32.3 24.9 37.3



#68  
m/p-Xylenes  
Concen: 95.750 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 106 Resp: 481286  
Ion Ratio Lower Upper  
106 100  
91 202.1 165.5 248.3

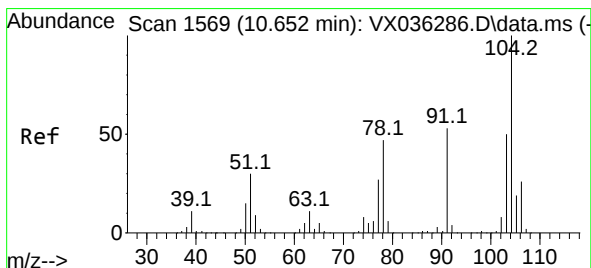
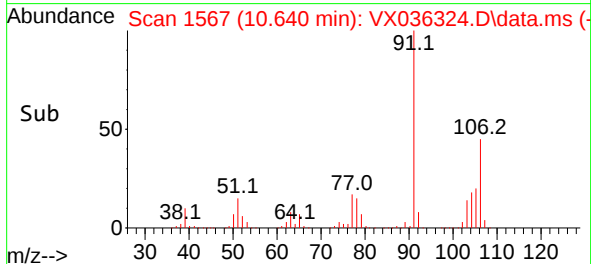
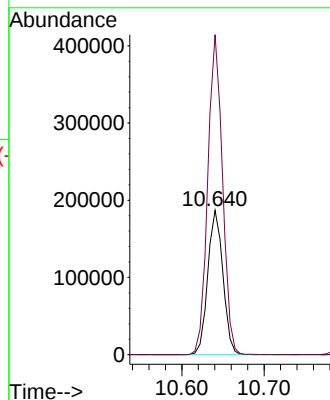
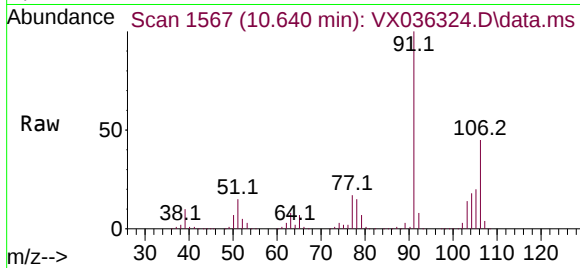




#69  
o-Xylene  
Concen: 49.180 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

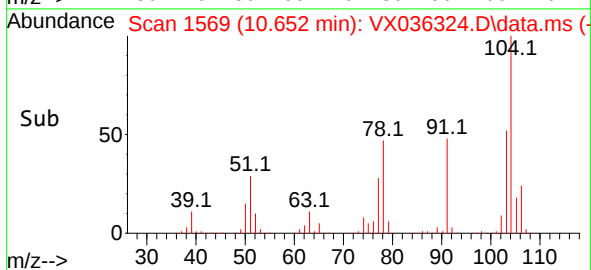
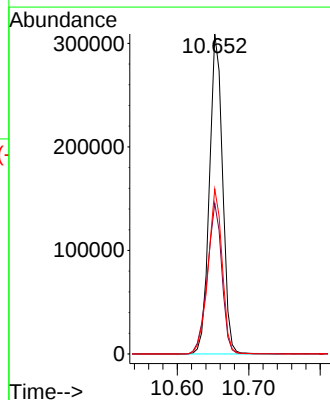
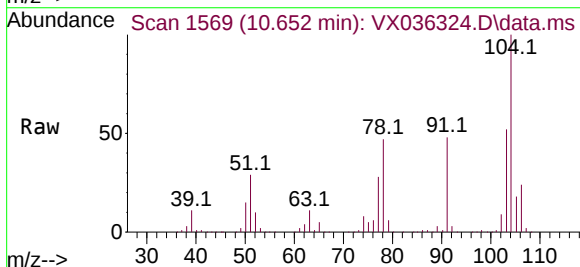
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

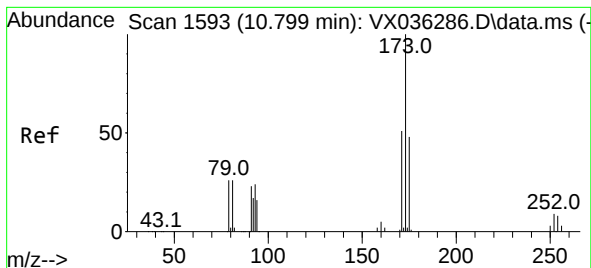
Tgt Ion:106 Resp: 238718  
Ion Ratio Lower Upper  
106 100  
91 216.1 108.9 326.8



#70  
Styrene  
Concen: 49.831 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion:104 Resp: 396034  
Ion Ratio Lower Upper  
104 100  
78 51.9 43.6 65.4  
103 55.2 43.6 65.4





#71

Bromoform

Concen: 54.852 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

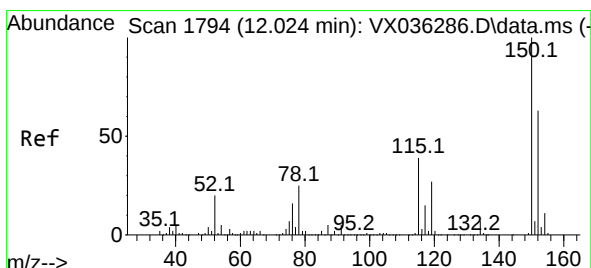
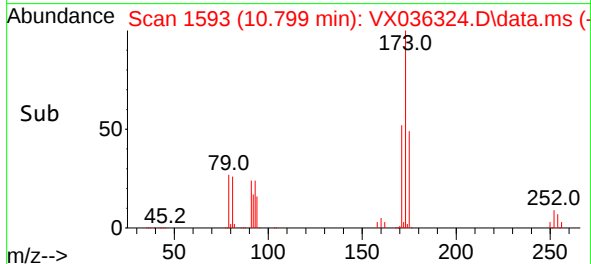
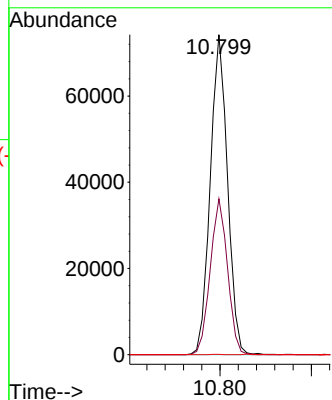
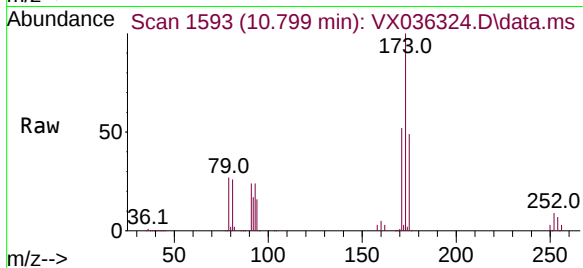
Tgt Ion:173 Resp: 96777

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

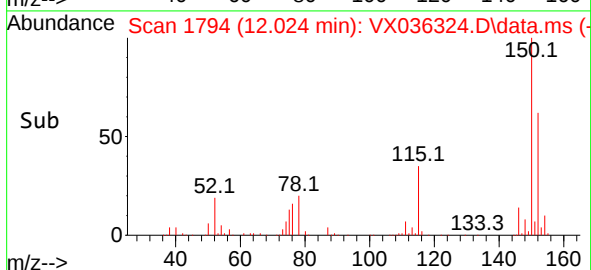
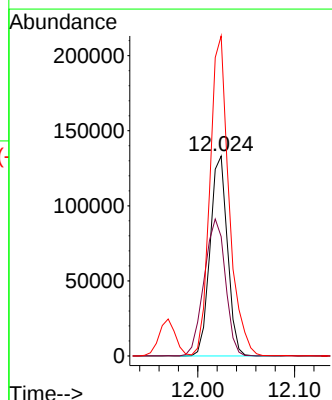
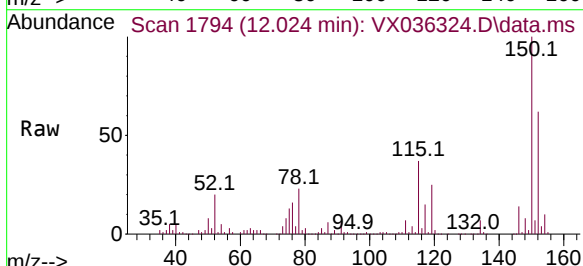
Tgt Ion:152 Resp: 166154

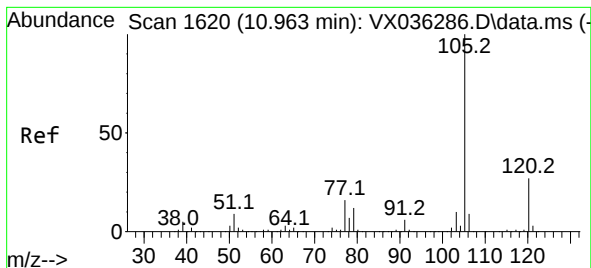
Ion Ratio Lower Upper

152 100

115 84.3 43.3 129.9

150 175.2 0.0 345.0





#73

Isopropylbenzene

Concen: 48.118 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

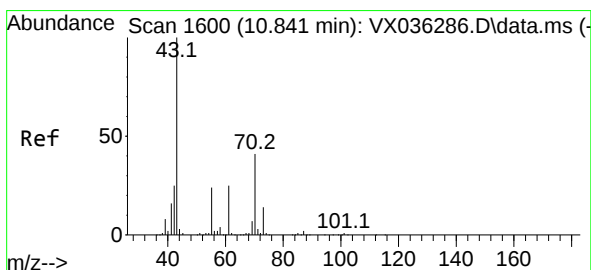
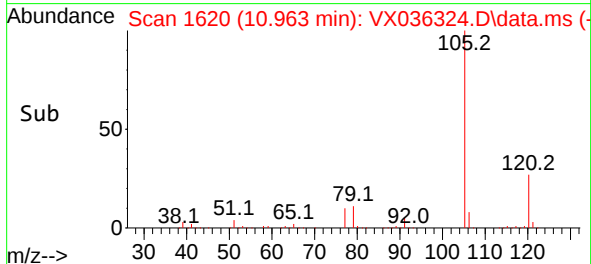
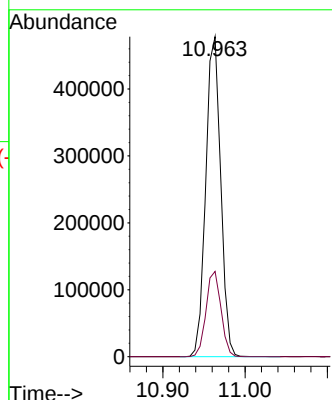
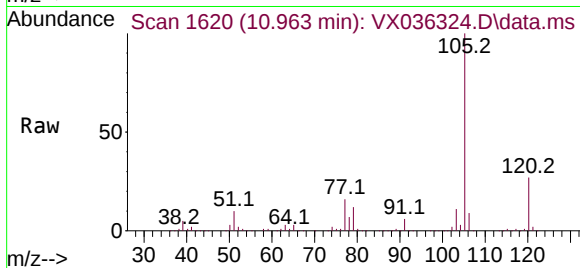
VSTDCCC050

Tgt Ion:105 Resp: 602504

Ion Ratio Lower Upper

105 100

120 26.8 12.9 38.6



#74

N-ethyl acetate

Concen: 57.429 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Tgt Ion: 43 Resp: 284434

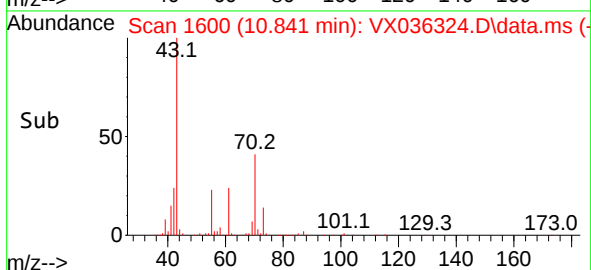
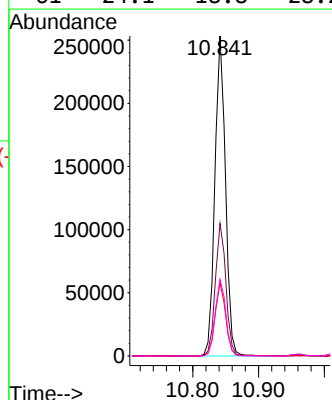
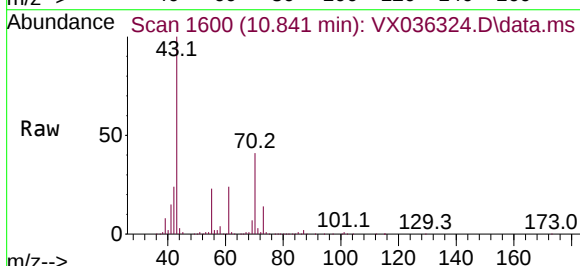
Ion Ratio Lower Upper

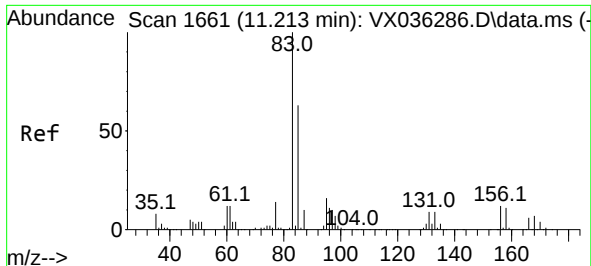
43 100

70 41.5 32.9 49.3

55 22.9 19.3 28.9

61 24.1 18.8 28.2

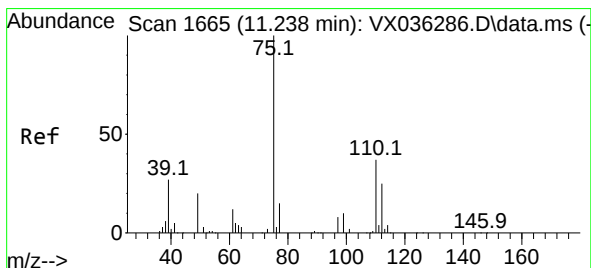
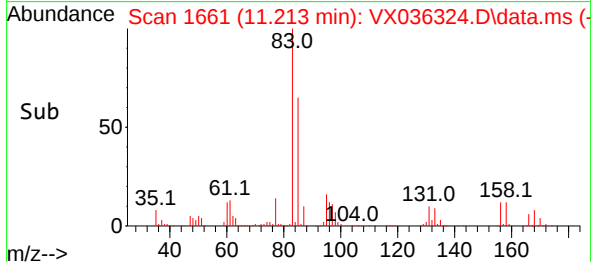
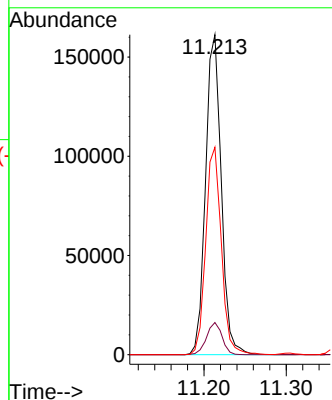
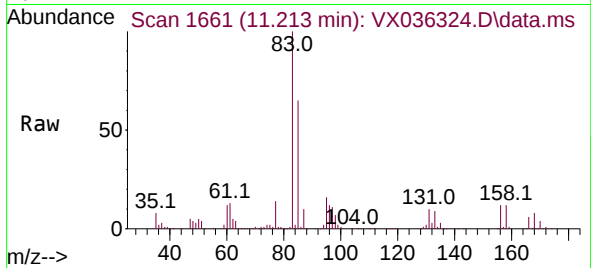




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.473 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

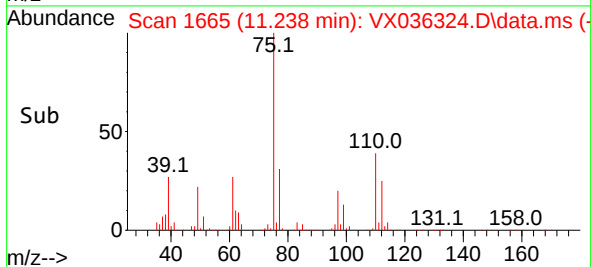
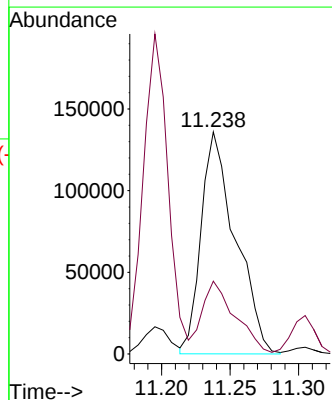
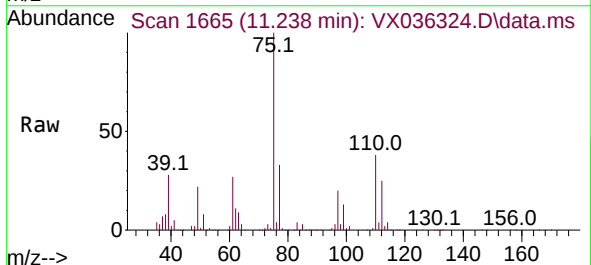
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

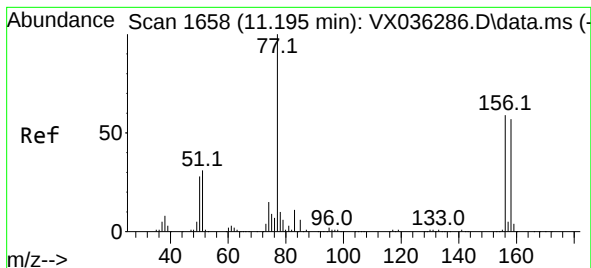
Tgt Ion: 83 Resp: 214018  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.3 15.8  
85 64.6 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 67.176 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion: 75 Resp: 238078  
Ion Ratio Lower Upper  
75 100  
77 31.5 19.1 57.5





#77

Bromobenzene

Concen: 49.636 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

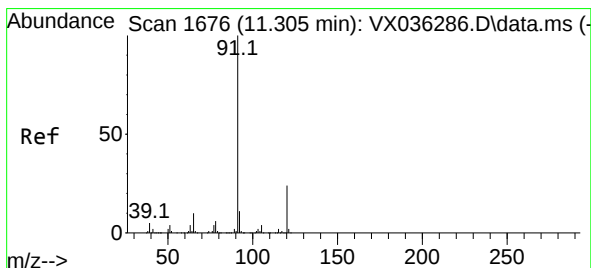
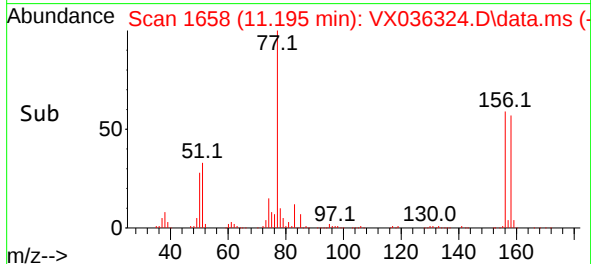
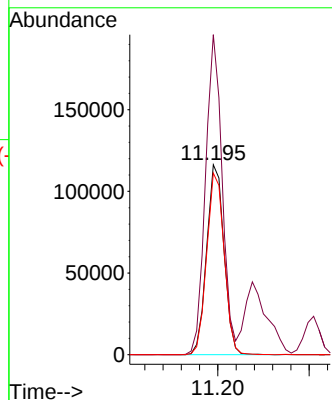
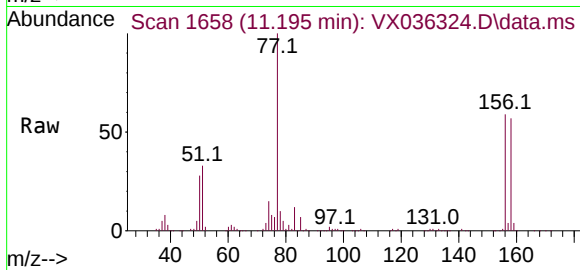
Tgt Ion:156 Resp: 152825

Ion Ratio Lower Upper

156 100

77 161.8 88.4 265.3

158 96.2 48.0 144.0



#78

n-propylbenzene

Concen: 48.716 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036324.D

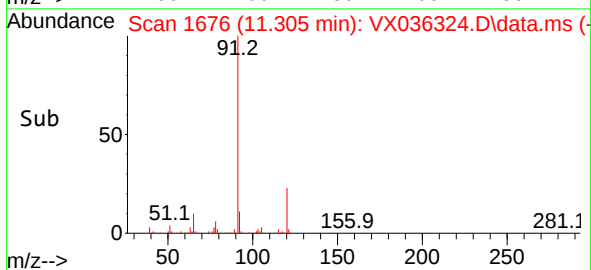
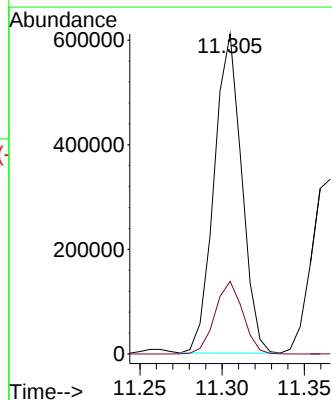
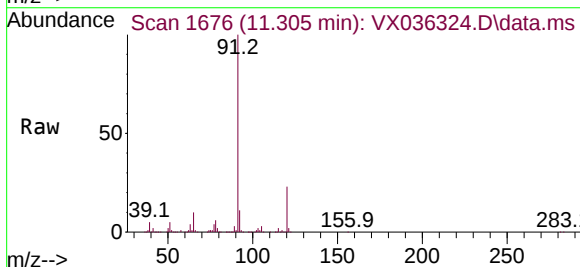
Acq: 26 Jun 2023 10:37

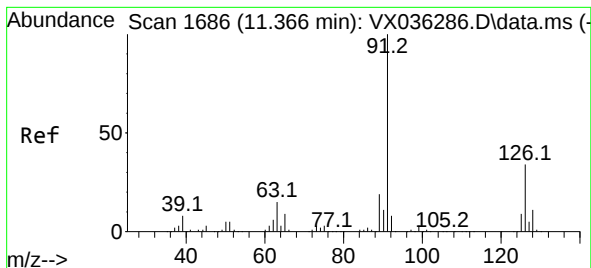
Tgt Ion: 91 Resp: 712390

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

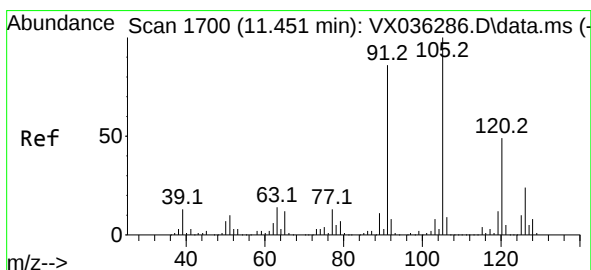
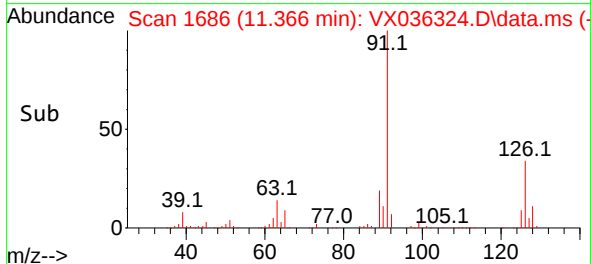
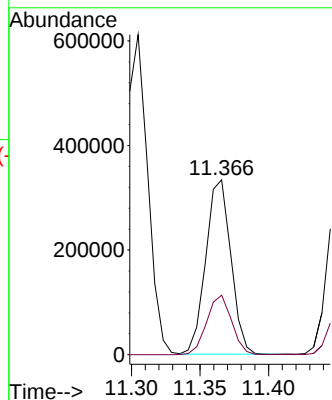
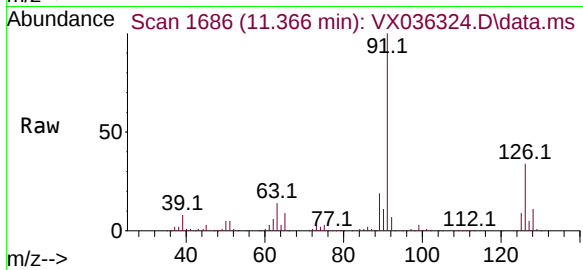




#79  
2-Chlorotoluene  
Concen: 48.856 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

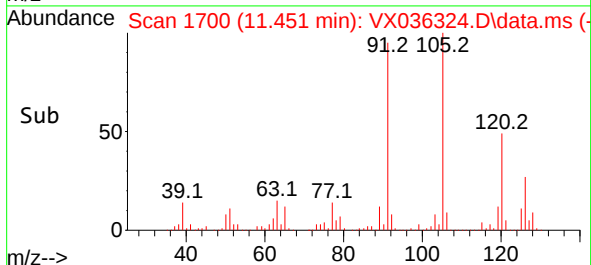
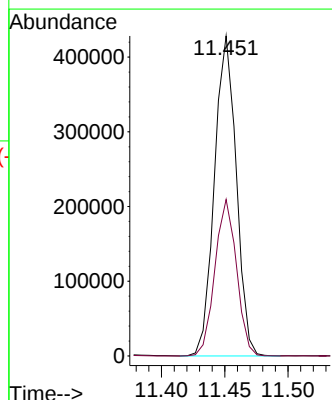
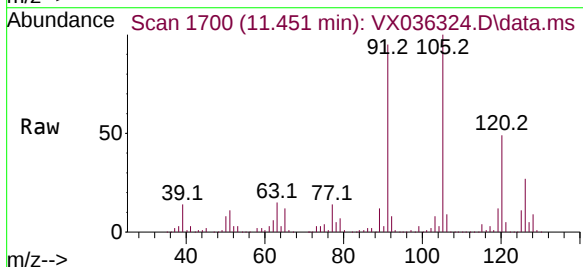
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

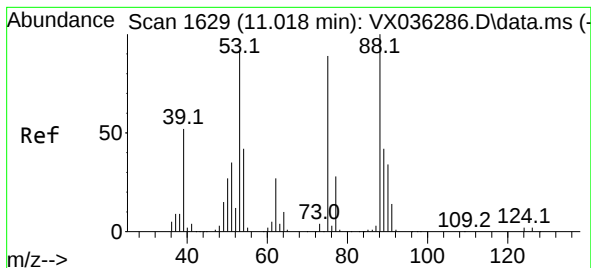
Tgt Ion: 91 Resp: 425009  
Ion Ratio Lower Upper  
91 100  
126 33.8 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 48.338 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion:105 Resp: 512585  
Ion Ratio Lower Upper  
105 100  
120 48.5 24.1 72.3

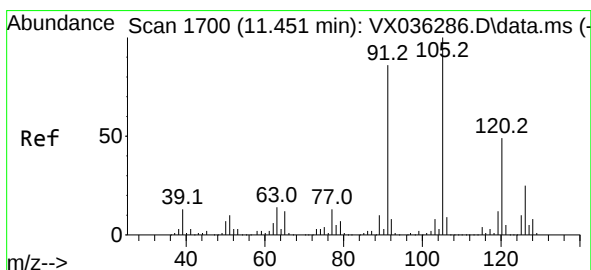
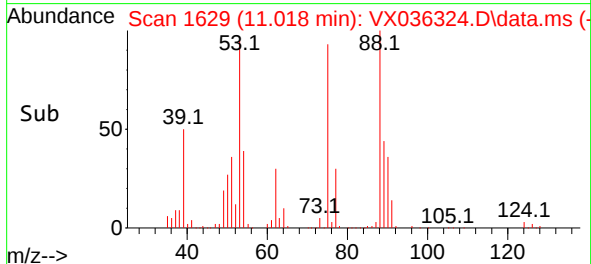
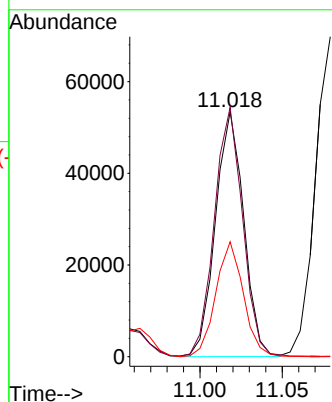
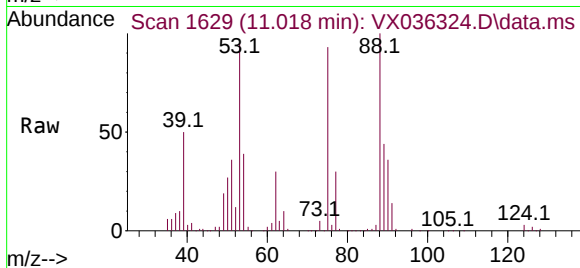




#81  
trans-1,4-Dichloro-2-butene  
Concen: 58.648 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

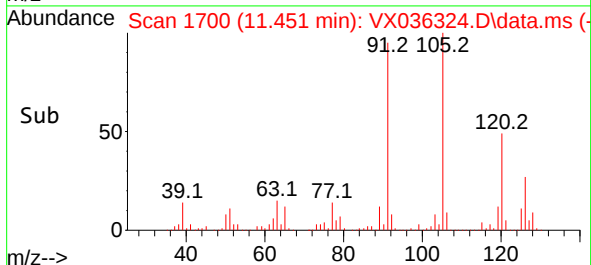
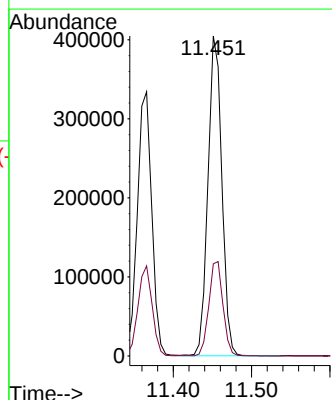
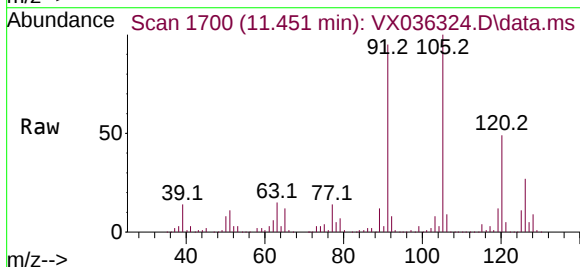
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

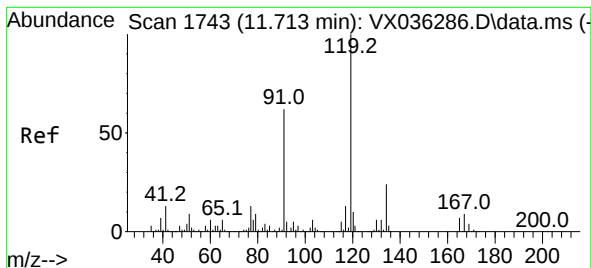
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 63764 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 101.7 | 90.5  | 135.7 |
| 89       | 45.9  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 49.108 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 497350 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 30.1  | 14.2  | 42.6   |





#83

tert-Butylbenzene

Concen: 48.893 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

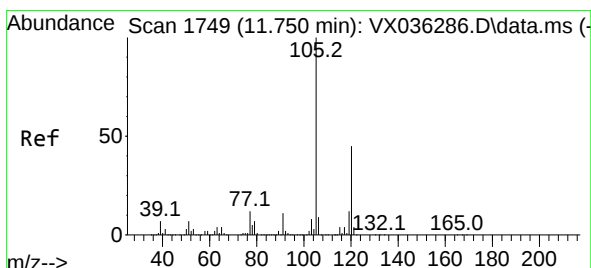
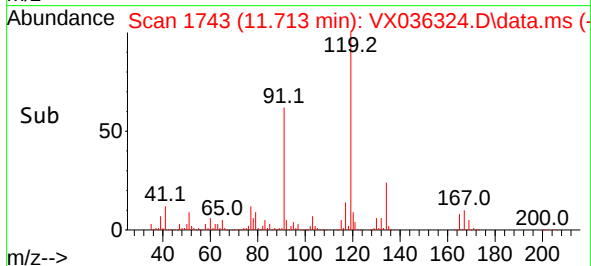
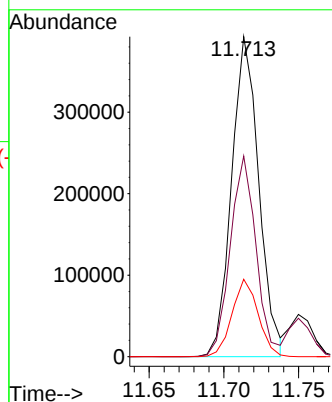
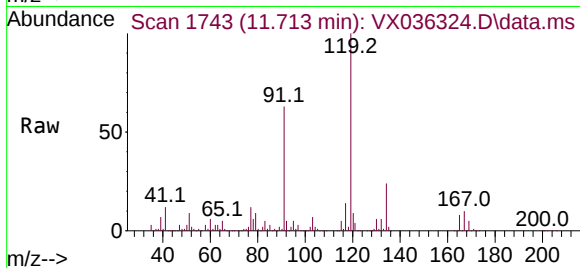
Tgt Ion:119 Resp: 496882

Ion Ratio Lower Upper

119 100

91 59.6 31.2 93.6

134 23.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 49.091 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036324.D

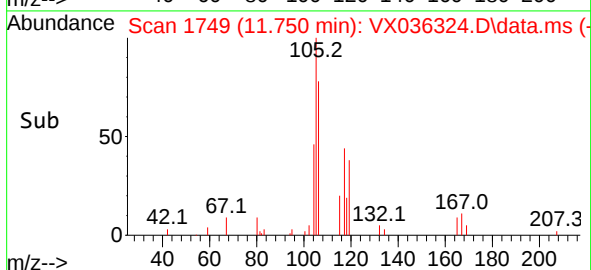
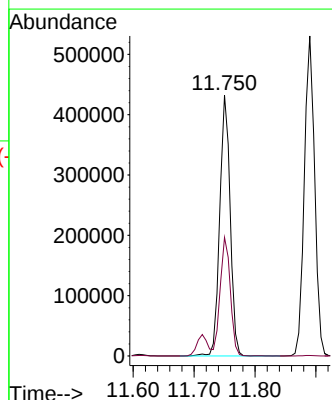
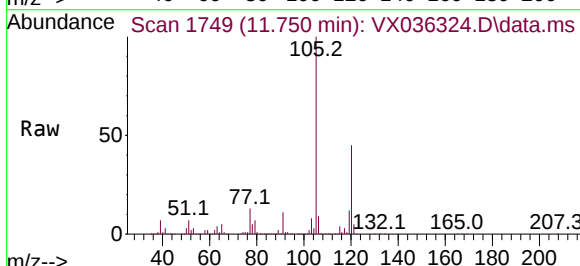
Acq: 26 Jun 2023 10:37

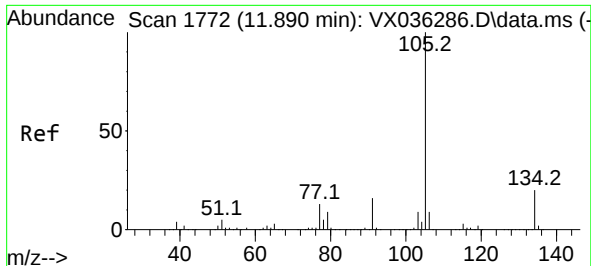
Tgt Ion:105 Resp: 515017

Ion Ratio Lower Upper

105 100

120 44.1 21.2 63.6

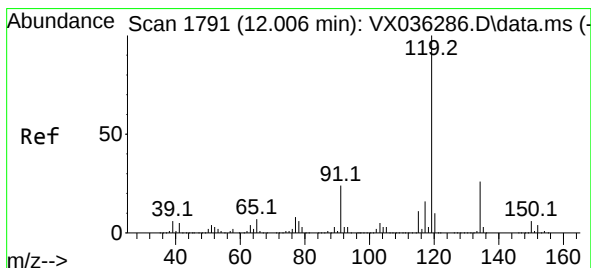
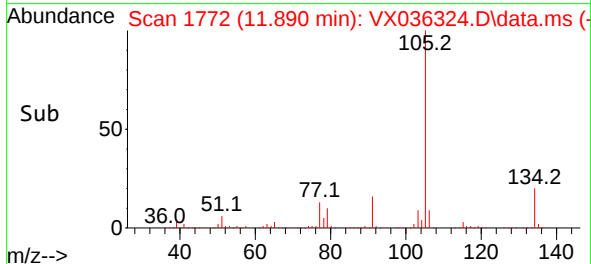
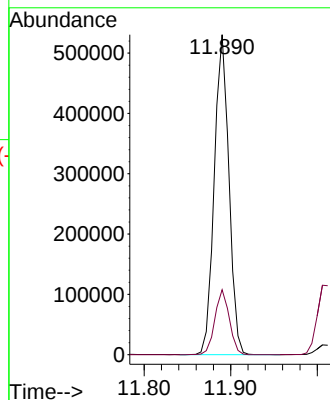
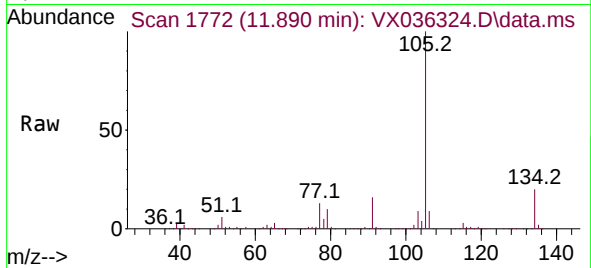




#85  
 sec-Butylbenzene  
 Concen: 48.434 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX036324.D  
 Acq: 26 Jun 2023 10:37

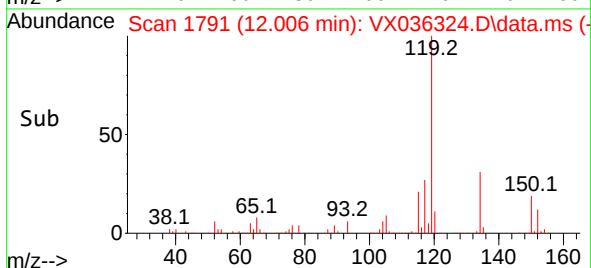
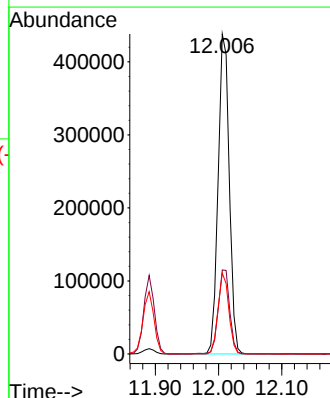
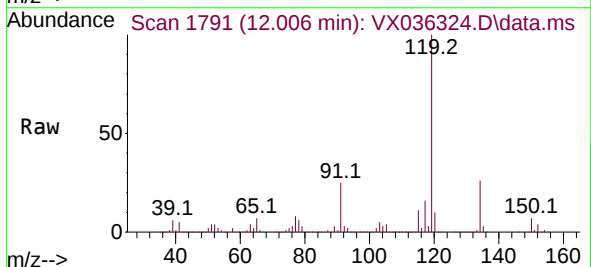
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

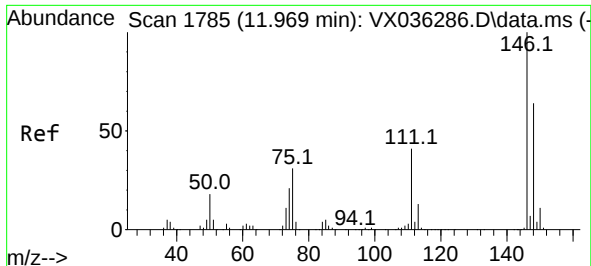
Tgt Ion:105 Resp: 623564  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 49.370 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX036324.D  
 Acq: 26 Jun 2023 10:37

Tgt Ion:119 Resp: 533432  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 12.8 38.3  
 91 24.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.510 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

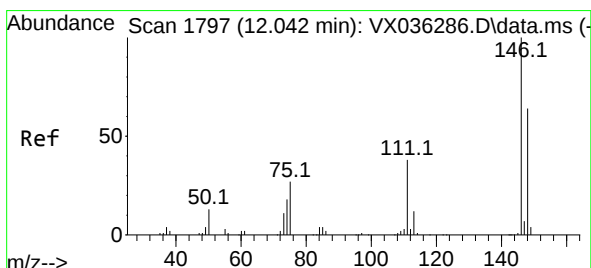
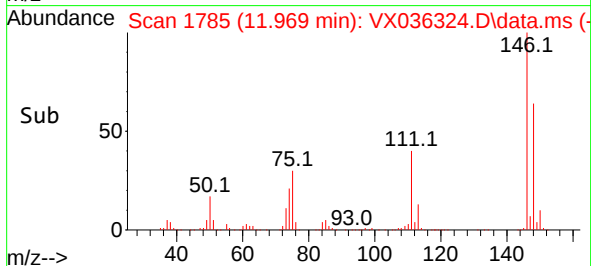
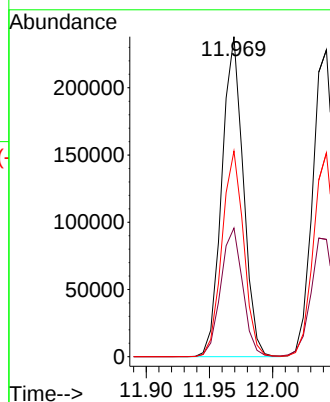
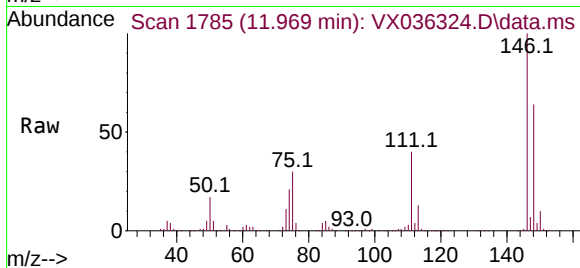
Tgt Ion:146 Resp: 280269

Ion Ratio Lower Upper

146 100

111 41.1 22.1 66.1

148 64.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.878 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

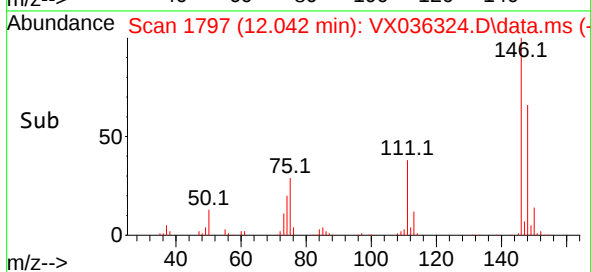
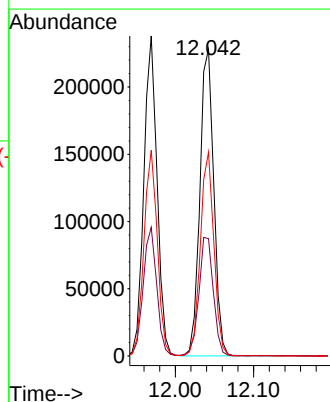
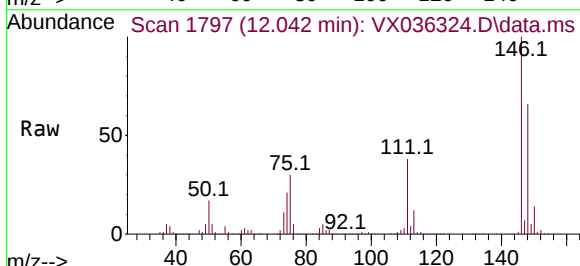
Tgt Ion:146 Resp: 281742

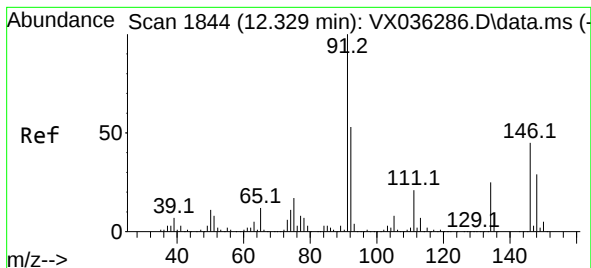
Ion Ratio Lower Upper

146 100

111 40.2 21.3 63.7

148 64.6 31.8 95.4

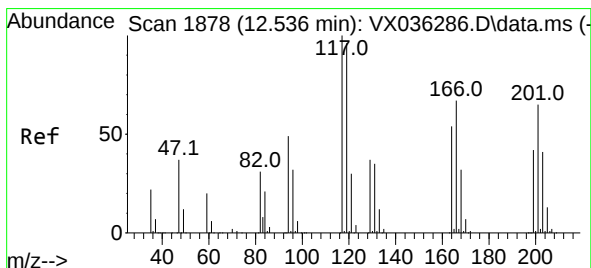
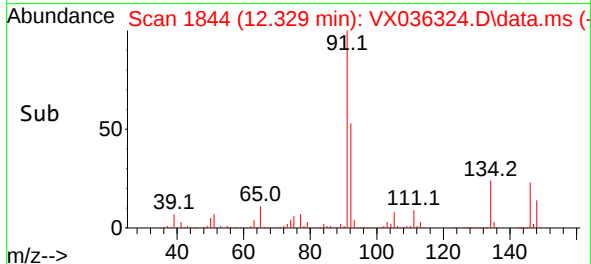
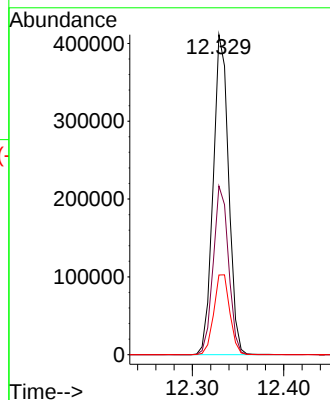
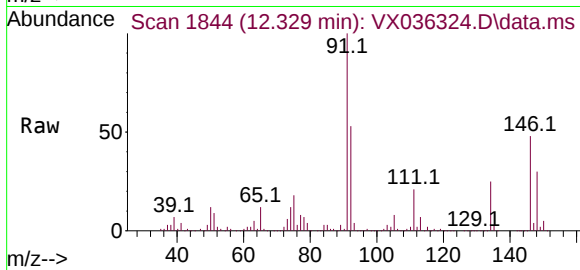




#89  
n-Butylbenzene  
Concen: 50.087 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

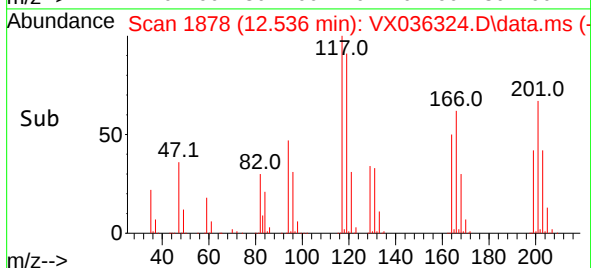
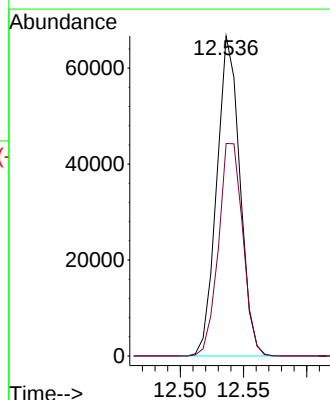
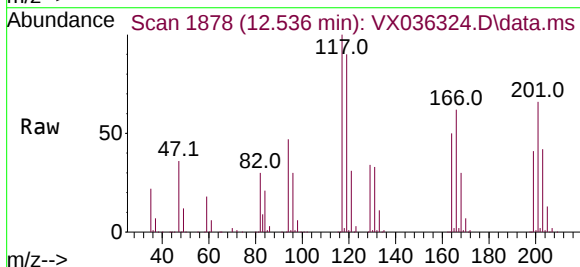
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

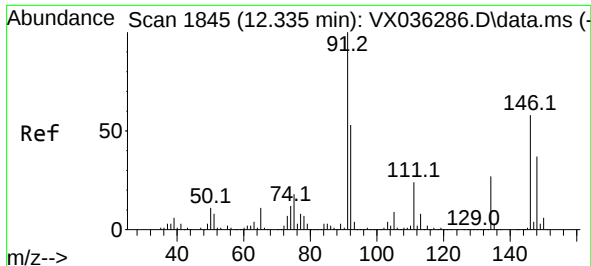
Tgt Ion: 91 Resp: 481624  
Ion Ratio Lower Upper  
91 100  
92 52.3 27.4 82.0  
134 25.9 12.6 37.8



#90  
Hexachloroethane  
Concen: 51.661 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX036324.D  
Acq: 26 Jun 2023 10:37

Tgt Ion:117 Resp: 84542  
Ion Ratio Lower Upper  
117 100  
201 70.1 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 49.969 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

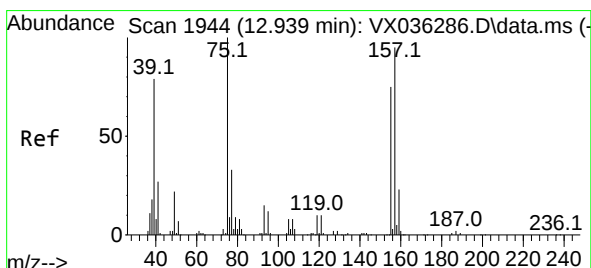
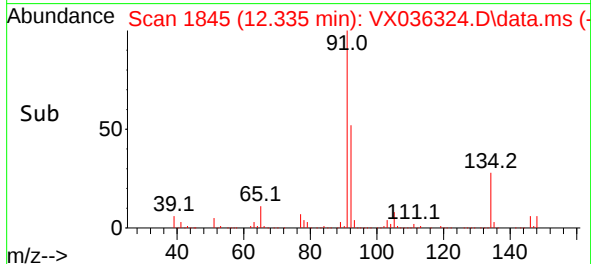
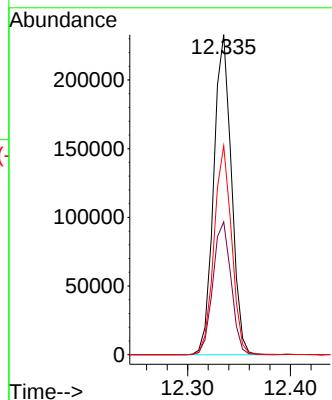
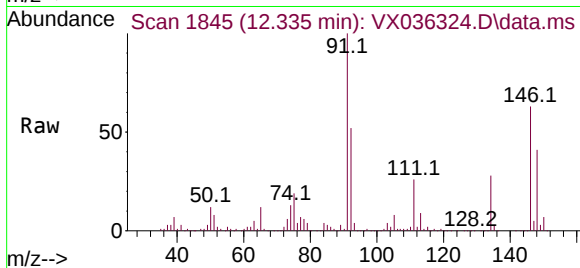
Tgt Ion:146 Resp: 278526

Ion Ratio Lower Upper

146 100

111 42.5 22.4 67.0

148 64.4 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.181 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

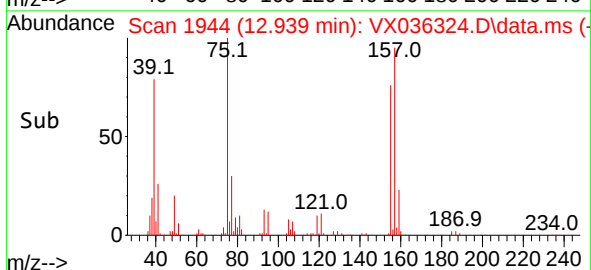
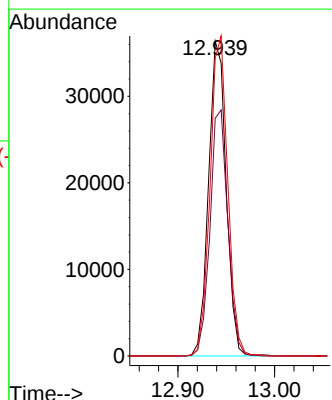
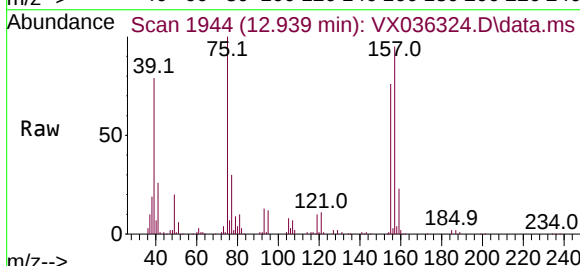
Tgt Ion: 75 Resp: 46054

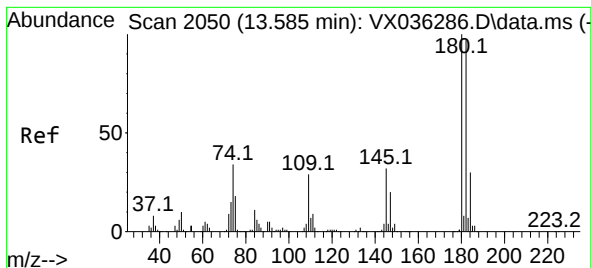
Ion Ratio Lower Upper

75 100

155 79.4 36.1 108.5

157 102.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 54.536 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

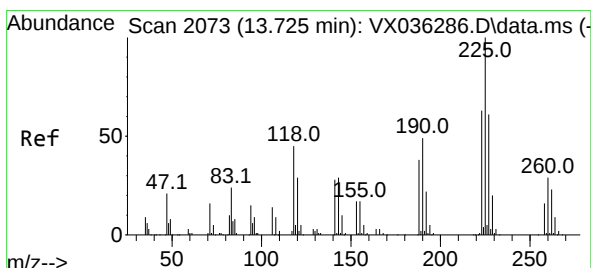
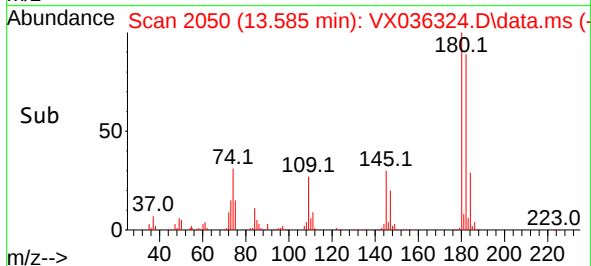
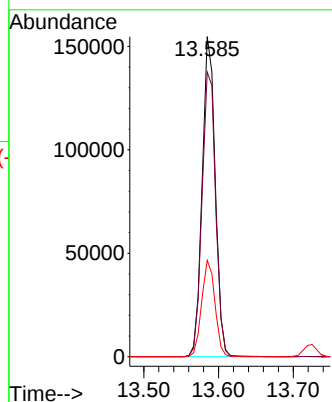
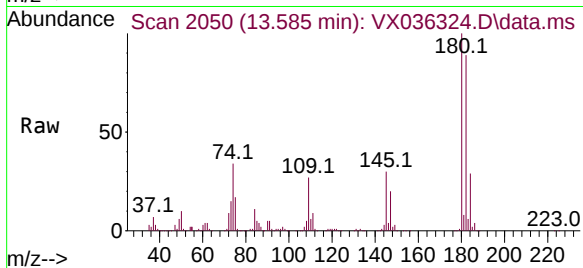
Tgt Ion:180 Resp: 187237

Ion Ratio Lower Upper

180 100

182 92.8 48.3 144.8

145 30.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 50.431 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

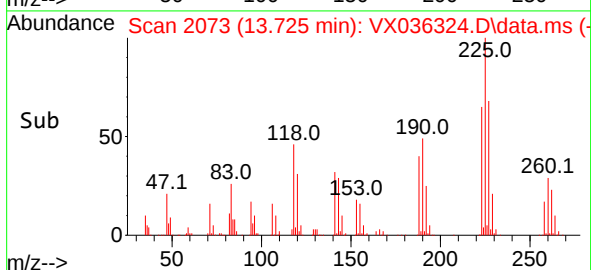
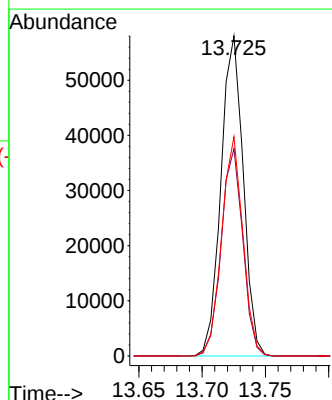
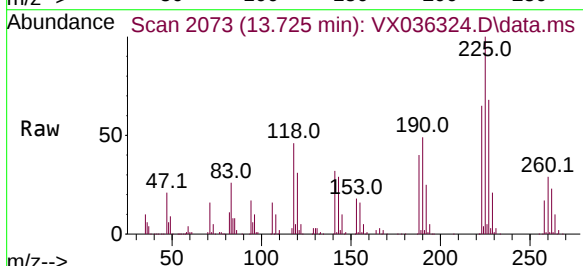
Tgt Ion:225 Resp: 70911

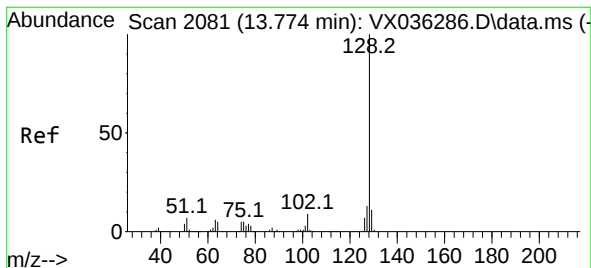
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.2

227 65.3 32.5 97.5





#95

Naphthalene

Concen: 54.717 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

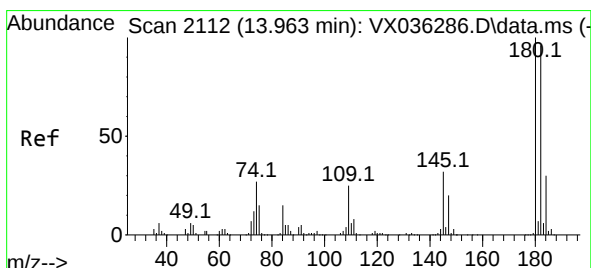
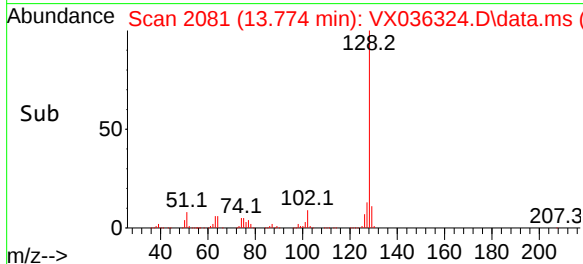
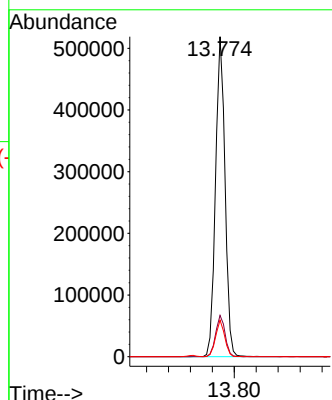
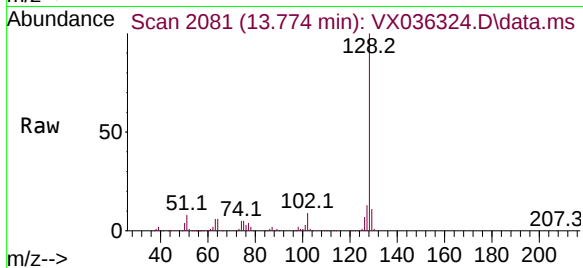
Tgt Ion:128 Resp: 620613

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 54.845 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036324.D

Acq: 26 Jun 2023 10:37

Tgt Ion:180 Resp: 183674

Ion Ratio Lower Upper

180 100

182 94.2 46.9 140.6

145 33.1 17.8 53.5

