

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062824\  
 Data File : VX042099.D  
 Acq On : 28 Jun 2024 20:32  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Jun 29 04:25:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 23:51:58 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 170689     | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 250919     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 228998     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 125023     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 88399      | 44.912   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 89.820%  |        |          |
| 35) Dibromofluoromethane     | 5.391          | 113  | 84956      | 47.717   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 95.440%  |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 287302     | 45.934   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 91.860%# |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 110983     | 48.136   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 96.280%  |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 81978      | 63.042   | ug/l   | 100      |
| 3) Chloromethane             | 1.300          | 50   | 88704      | 54.374   | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 87643      | 53.595   | ug/l   | 97       |
| 5) Bromomethane              | 1.593          | 94   | 47132      | 58.367   | ug/l   | 97       |
| 6) Chloroethane              | 1.666          | 64   | 43331      | 64.645   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.867          | 101  | 130805     | 61.052   | ug/l   | 97       |
| 8) Diethyl Ether             | 2.136          | 74   | 49200      | 48.921   | ug/l   | 86       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 79555      | 53.903   | ug/l # | 85       |
| 10) Methyl Iodide            | 2.440          | 142  | 108656     | 59.233   | ug/l # | 87       |
| 11) Tert butyl alcohol       | 2.995          | 59   | 97035      | 259.770  | ug/l # | 92       |
| 12) 1,1-Dichloroethene       | 2.306          | 96   | 82462      | 56.013   | ug/l # | 80       |
| 13) Acrolein                 | 2.239          | 56   | 80999      | 193.442  | ug/l   | 99       |
| 14) Allyl chloride           | 2.660          | 41   | 120053     | 51.418   | ug/l   | 88       |
| 15) Acrylonitrile            | 3.068          | 53   | 255360     | 261.721  | ug/l   | 99       |
| 16) Acetone                  | 2.392          | 43   | 221936     | 256.792  | ug/l # | 87       |
| 17) Carbon Disulfide         | 2.501          | 76   | 184514     | 61.468   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.709          | 43   | 107215     | 45.475   | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 262912     | 54.056   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.782          | 84   | 96899      | 51.203   | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 82489      | 55.208   | ug/l   | 85       |
| 22) Diisopropyl ether        | 3.763          | 45   | 256663     | 52.006   | ug/l   | 89       |
| 23) Vinyl Acetate            | 3.727          | 43   | 1106120    | 262.440  | ug/l # | 94       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 147457     | 53.354   | ug/l   | 98       |
| 25) 2-Butanone               | 4.568          | 43   | 349228     | 259.730  | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 4.471          | 77   | 80616      | 40.280   | ug/l   | 89       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 101829     | 54.414   | ug/l   | 83       |
| 28) Bromochloromethane       | 4.897          | 49   | 55421      | 46.818   | ug/l # | 69       |
| 29) Tetrahydrofuran          | 5.013          | 42   | 228552     | 263.195  | ug/l   | 92       |
| 30) Chloroform               | 5.092          | 83   | 152905     | 53.104   | ug/l   | 99       |
| 31) Cyclohexane              | 5.464          | 56   | 126069     | 54.769   | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 133120     | 55.330   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 101544     | 53.710   | ug/l   | 94       |
| 37) Ethyl Acetate            | 4.721          | 43   | 130312     | 52.912   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 5.672          | 117  | 116072     | 55.566   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.379          | 83   | 133571     | 55.863   | ug/l   | 91       |
| 40) Benzene                  | 6.037          | 78   | 340759     | 53.441   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062824\  
 Data File : VX042099.D  
 Acq On : 28 Jun 2024 20:32  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 29 04:25:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 23:51:58 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 71160    | 53.302   | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 107528   | 52.353   | ug/l   | 91       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 193329   | 51.141   | ug/l # | 93       |
| 44) Trichloroethene           | 7.123  | 130  | 95399    | 55.816   | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 82488    | 52.612   | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 61558    | 53.886   | ug/l # | 75       |
| 47) Bromodichloromethane      | 7.824  | 83   | 114216   | 54.457   | ug/l   | 95       |
| 48) Methyl methacrylate       | 7.696  | 41   | 96457    | 53.464   | ug/l # | 84       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 54145    | 1131.554 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 669287   | 257.021  | ug/l   | 93       |
| 52) Toluene                   | 8.720  | 92   | 221272   | 54.495   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 112130   | 50.522   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 124410   | 54.180   | ug/l # | 84       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 90506    | 53.506   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 144946   | 55.082   | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 146715   | 53.686   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 324672   | 264.759  | ug/l   | 91       |
| 59) 2-Hexanone                | 9.433  | 43   | 521587   | 261.519  | ug/l   | 91       |
| 60) Dibromochloromethane      | 9.518  | 129  | 103800   | 56.494   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 96114    | 54.791   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 109149   | 65.464   | ug/l   | 90       |
| 65) Chlorobenzene             | 10.079 | 112  | 256565   | 53.871   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 93202    | 55.895   | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 416811   | 55.845   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 336970   | 111.842  | ug/l   | 91       |
| 69) o-Xylene                  | 10.640 | 106  | 167161   | 56.039   | ug/l   | 92       |
| 70) Styrene                   | 10.652 | 104  | 283959   | 56.769   | ug/l   | 94       |
| 71) Bromoform                 | 10.799 | 173  | 85118    | 52.730   | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 426859   | 56.152   | ug/l   | 97       |
| 74) N-amyl acetate            | 10.841 | 43   | 177296   | 52.505   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 142055   | 50.257   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 152501   | 67.191   | ug/l   | 91       |
| 77) Bromobenzene              | 11.195 | 156  | 122269   | 54.005   | ug/l   | 77       |
| 78) n-propylbenzene           | 11.305 | 91   | 458327   | 55.567   | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 286018   | 53.821   | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 354320   | 55.959   | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 39550    | 49.487   | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 319995   | 54.470   | ug/l   | 91       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 362945   | 52.240   | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 360090   | 56.685   | ug/l   | 93       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 442767   | 56.343   | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 390552   | 56.894   | ug/l   | 93       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 217151   | 54.567   | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 215631   | 52.811   | ug/l   | 95       |
| 89) n-Butylbenzene            | 12.335 | 91   | 294620   | 55.755   | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 65097    | 55.700   | ug/l # | 56       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 219975   | 54.020   | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 30923    | 55.205   | ug/l # | 46       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 146391   | 54.878   | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 73095    | 54.188   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 457595   | 51.035   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 154176   | 54.801   | ug/l   | 96       |

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Data File : VX042099.D  
Acq On : 28 Jun 2024 20:32  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

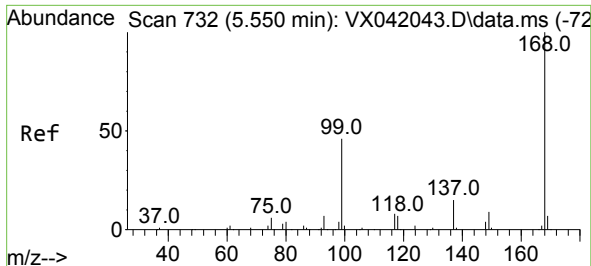
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jun 29 04:25:52 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 21 23:51:58 2024  
Response via : Initial Calibration

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

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

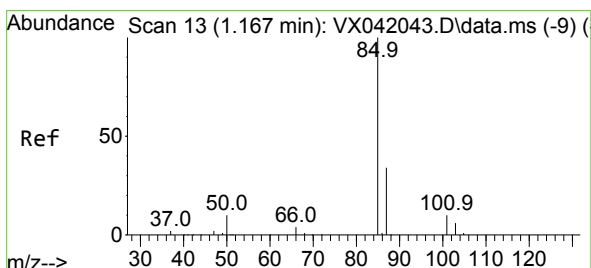
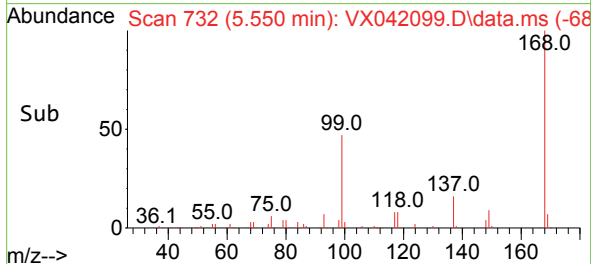
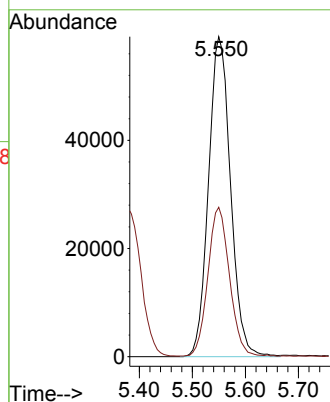
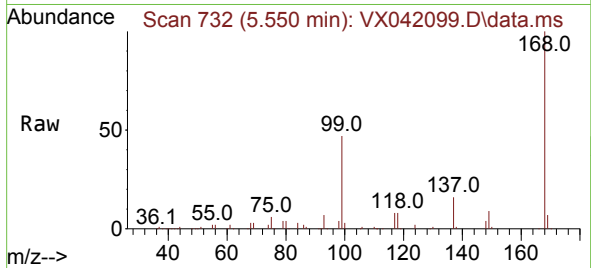




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

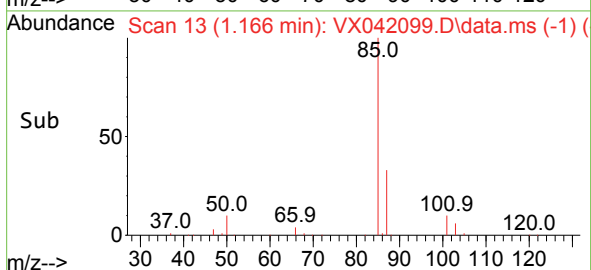
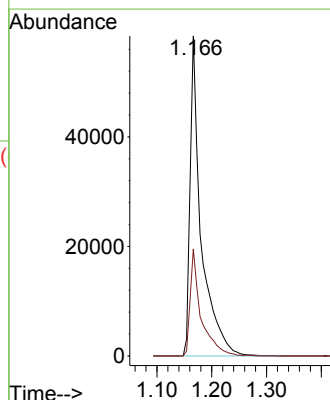
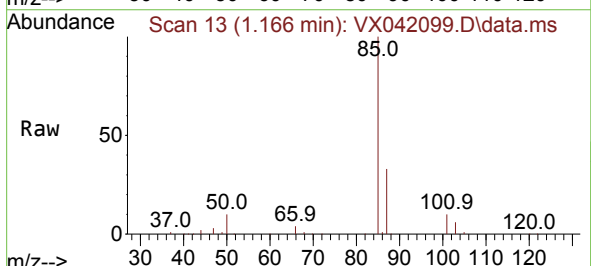
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

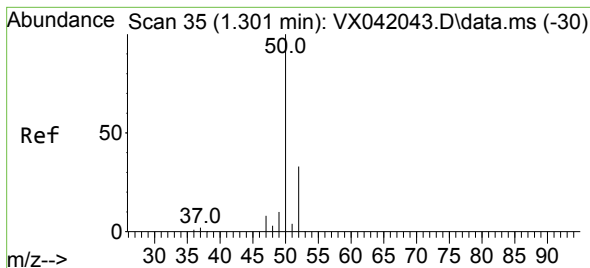
Tgt Ion:168 Resp: 170689  
Ion Ratio Lower Upper  
168 100  
99 46.5 56.6 85.0#



#2  
Dichlorodifluoromethane  
Concen: 63.042 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 85 Resp: 81978  
Ion Ratio Lower Upper  
85 100  
87 33.5 16.7 50.1





#3

Chloromethane

Concen: 54.374 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.006 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

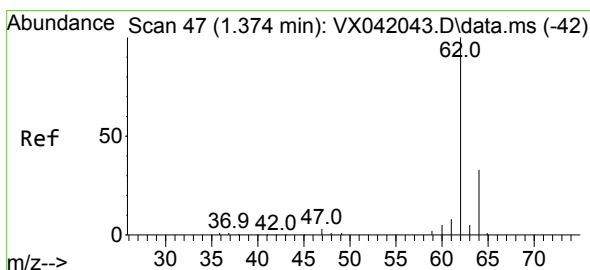
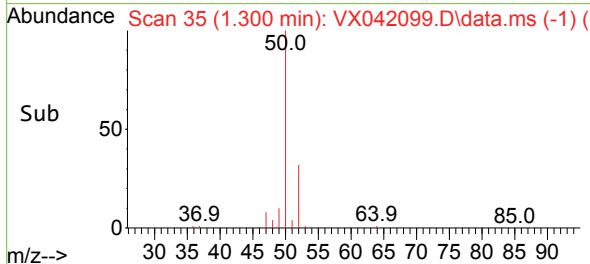
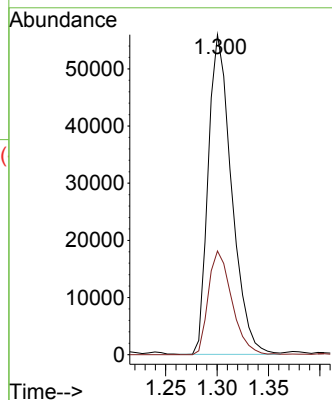
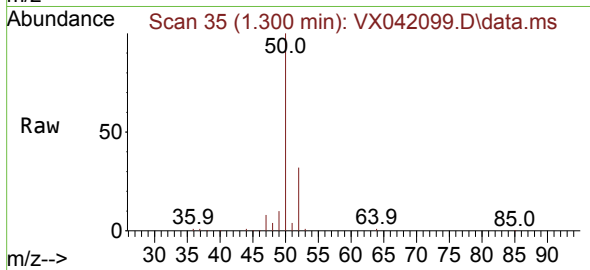
VSTDCCC050EC

Tgt Ion: 50 Resp: 88704

Ion Ratio Lower Upper

50 100

52 32.4 25.5 38.3



#4

Vinyl Chloride

Concen: 53.595 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX042099.D

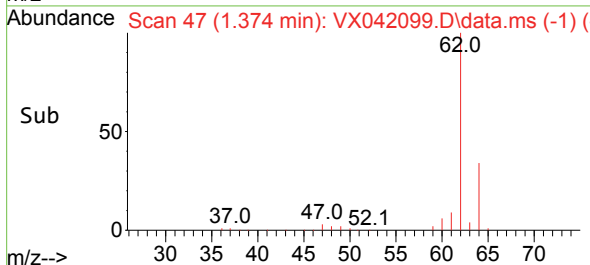
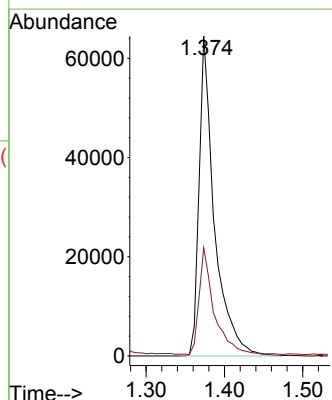
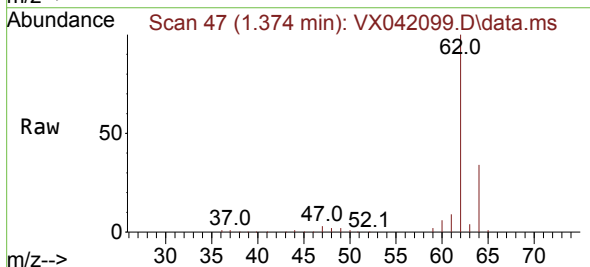
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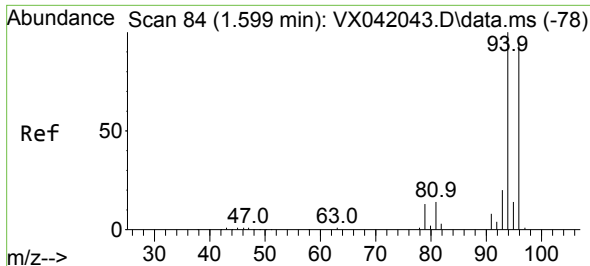
Tgt Ion: 62 Resp: 87643

Ion Ratio Lower Upper

62 100

64 33.3 25.4 38.0

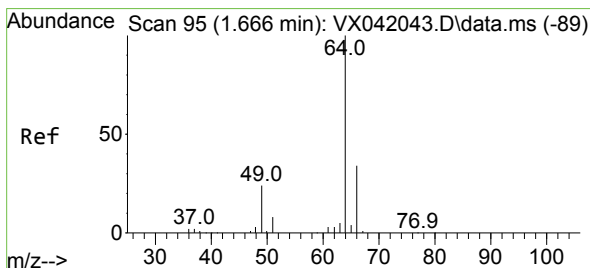
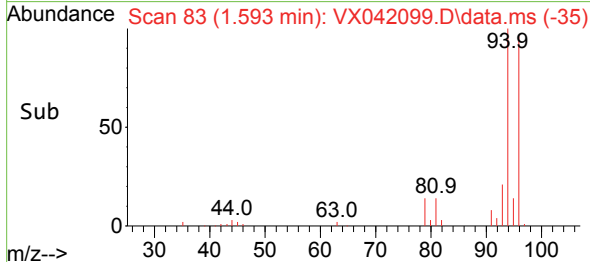
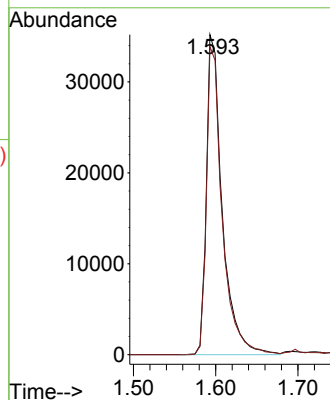
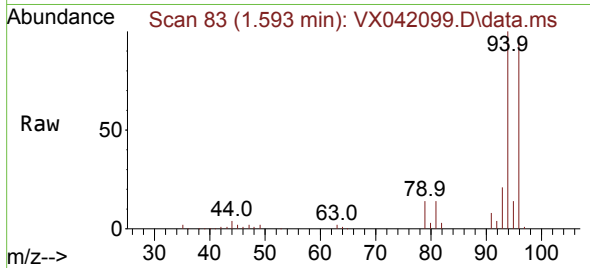




#5  
Bromomethane  
Concen: 58.367 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

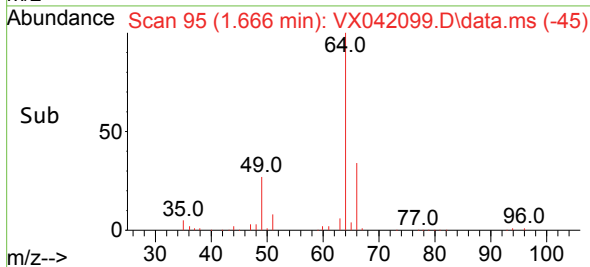
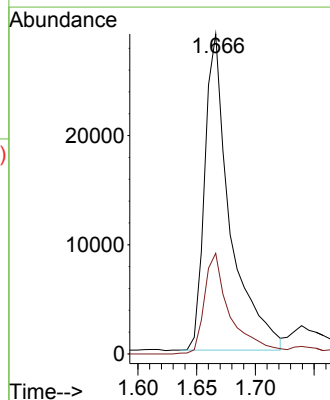
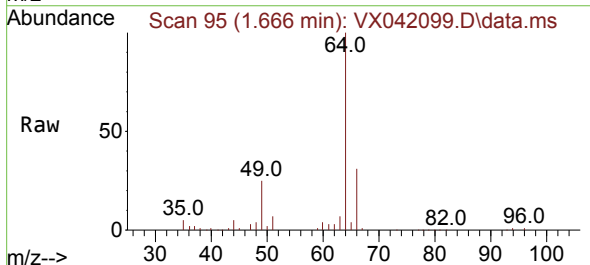
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

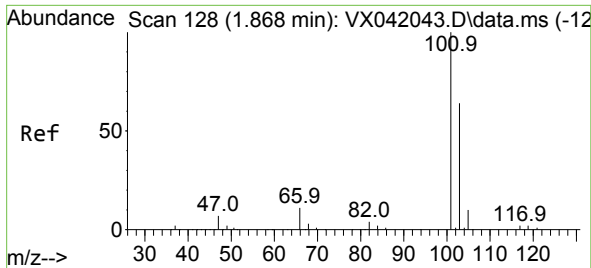
Tgt Ion: 94 Resp: 47132  
Ion Ratio Lower Upper  
94 100  
96 96.2 74.6 111.8



#6  
Chloroethane  
Concen: 64.645 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 64 Resp: 43331  
Ion Ratio Lower Upper  
64 100  
66 31.6 25.1 37.7

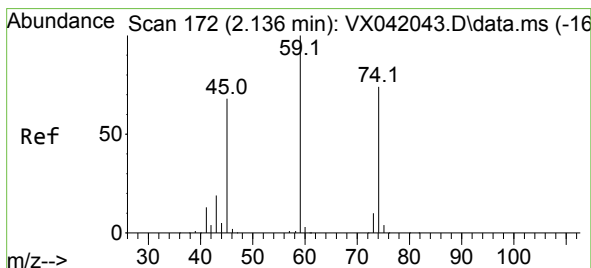
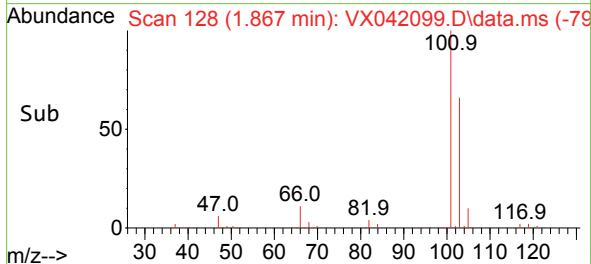
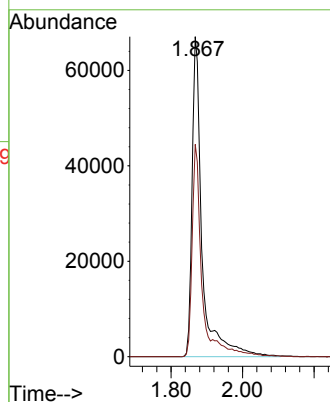
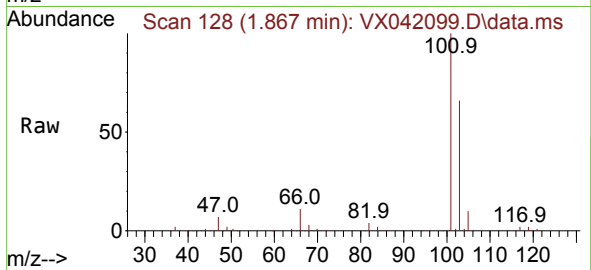




#7  
Trichlorofluoromethane  
Concen: 61.052 ug/l  
RT: 1.867 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

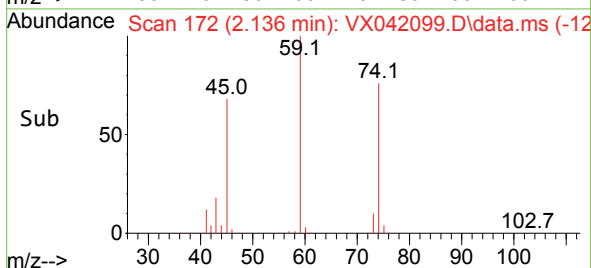
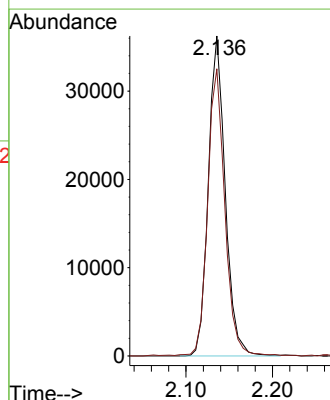
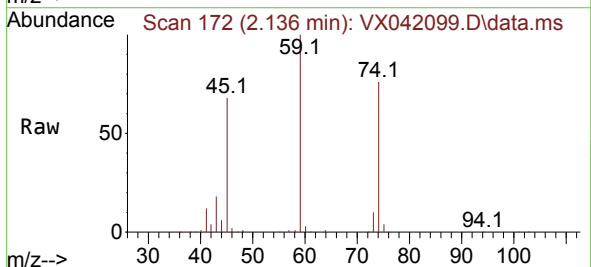
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

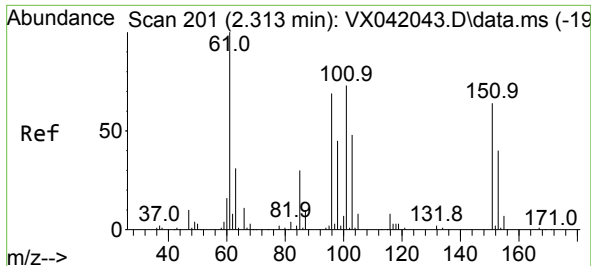
Tgt Ion:101 Resp: 130805  
Ion Ratio Lower Upper  
101 100  
103 66.3 51.4 77.2



#8  
Diethyl Ether  
Concen: 48.921 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 74 Resp: 49200  
Ion Ratio Lower Upper  
74 100  
45 91.5 53.3 159.8

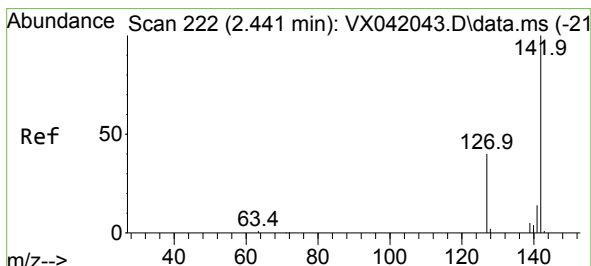
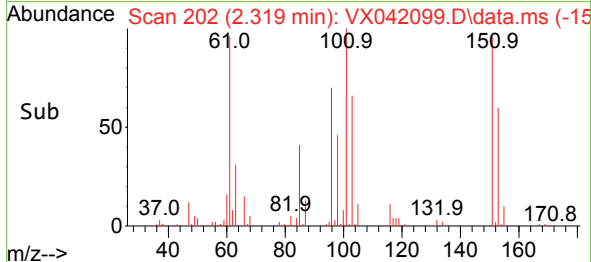
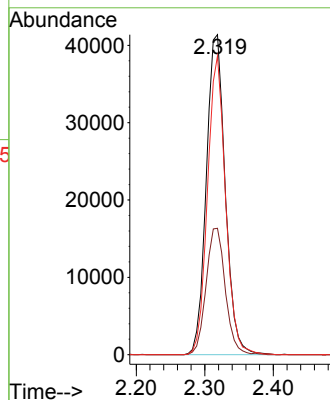
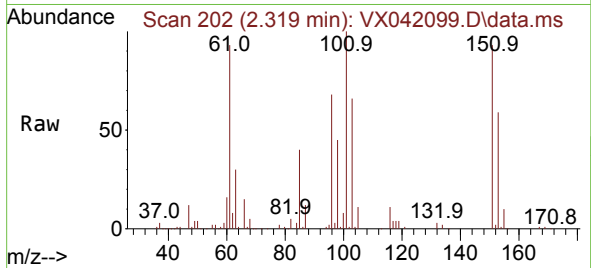




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.903 ug/l  
RT: 2.319 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

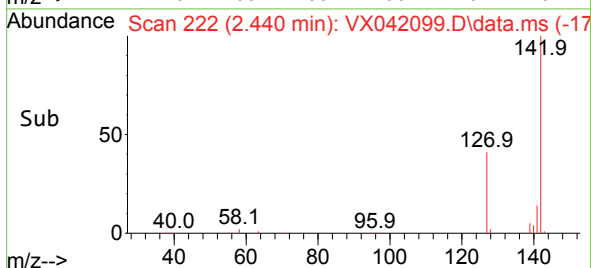
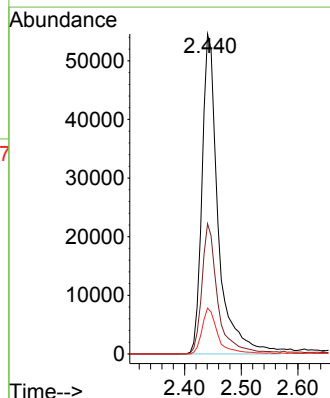
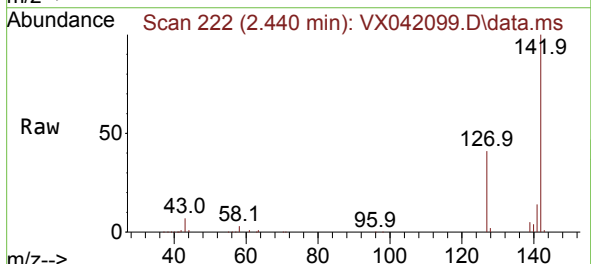
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

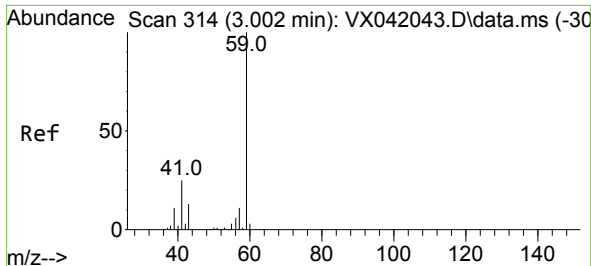
Tgt Ion:101 Resp: 79555  
Ion Ratio Lower Upper  
101 100  
85 40.2 37.0 55.6  
151 89.1 58.6 87.8#



#10  
Methyl Iodide  
Concen: 59.233 ug/l  
RT: 2.440 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

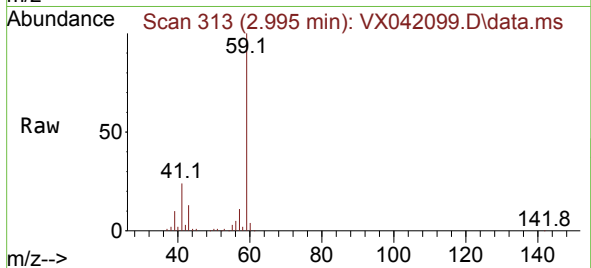
Tgt Ion:142 Resp: 108656  
Ion Ratio Lower Upper  
142 100  
127 40.1 41.6 62.4#  
141 14.1 11.6 17.4



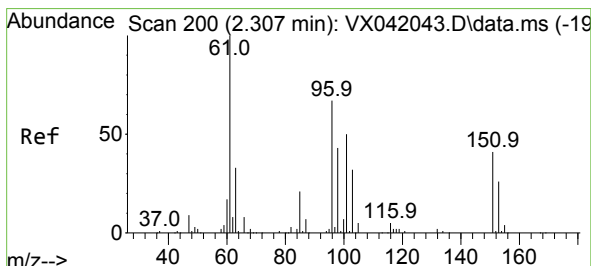
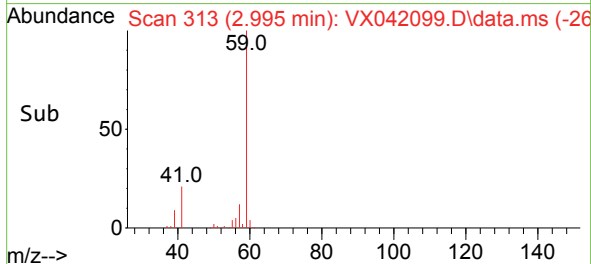
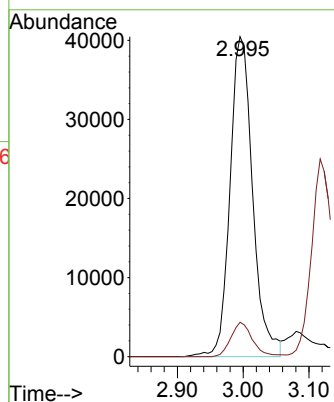


#11  
Tert butyl alcohol  
Concen: 259.770 ug/l  
RT: 2.995 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

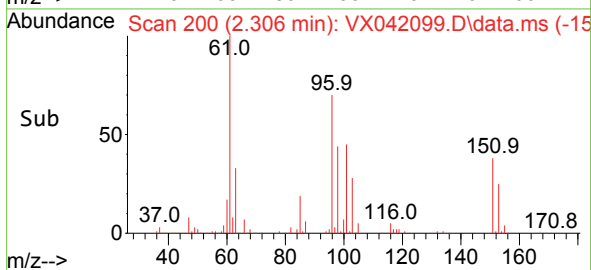
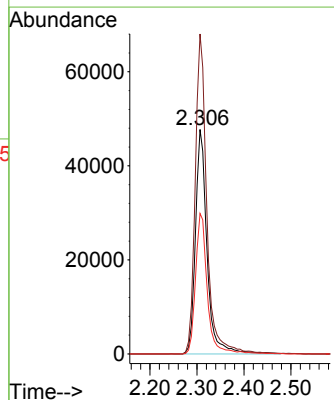
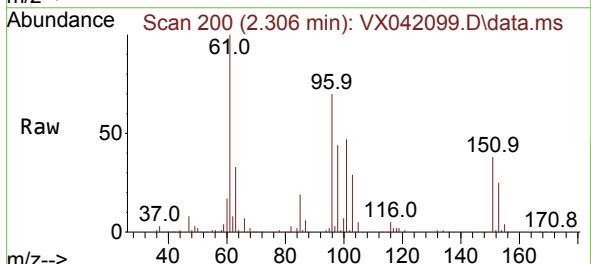


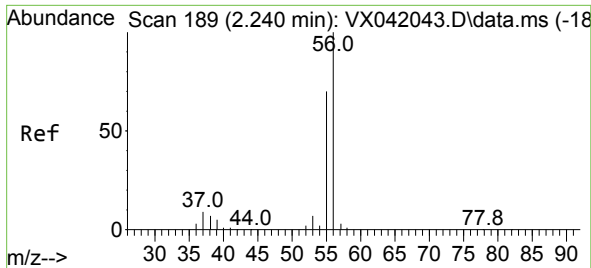
Tgt Ion: 59 Resp: 97035  
Ion Ratio Lower Upper  
59 100  
57 10.4 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 56.013 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 96 Resp: 82462  
Ion Ratio Lower Upper  
96 100  
61 142.6 144.6 216.8#  
98 62.6 50.4 75.6

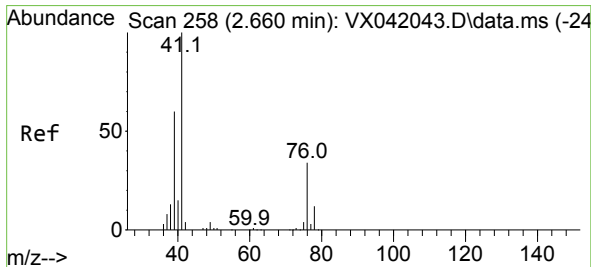
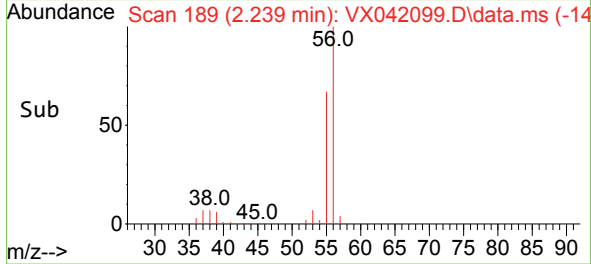
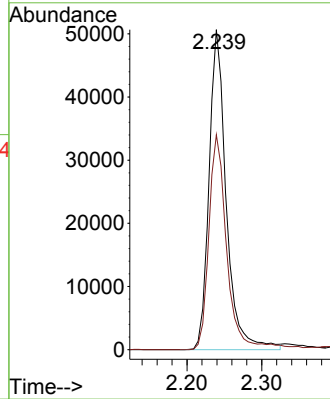
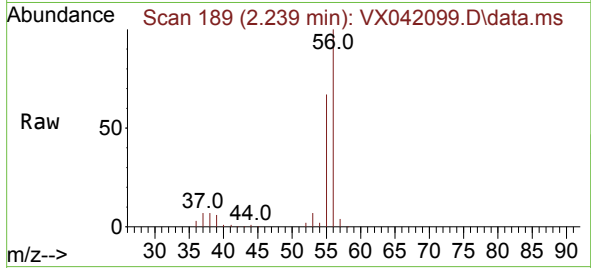




#13  
Acrolein  
Concen: 193.442 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

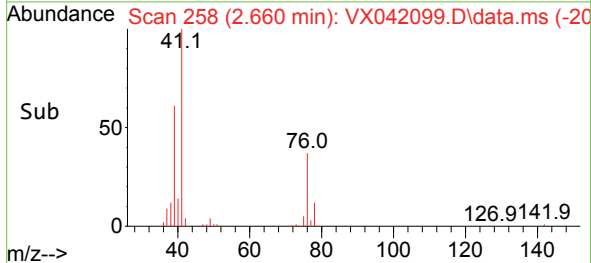
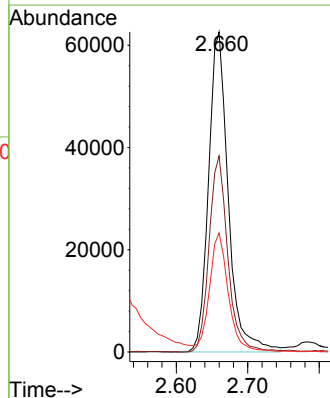
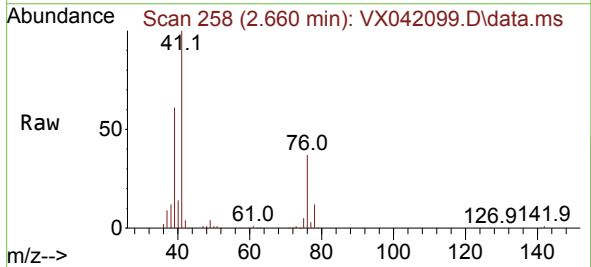
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

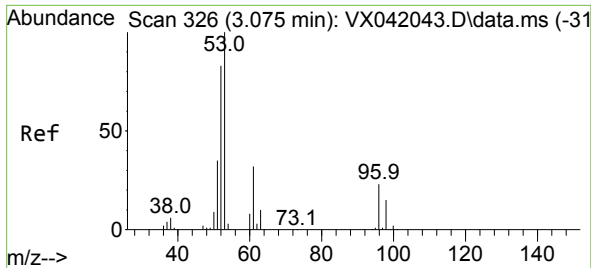
Tgt Ion: 56 Resp: 80999  
Ion Ratio Lower Upper  
56 100  
55 70.9 57.1 85.7



#14  
Allyl chloride  
Concen: 51.418 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 41 Resp: 120053  
Ion Ratio Lower Upper  
41 100  
39 58.6 55.8 83.6  
76 35.6 24.3 36.5

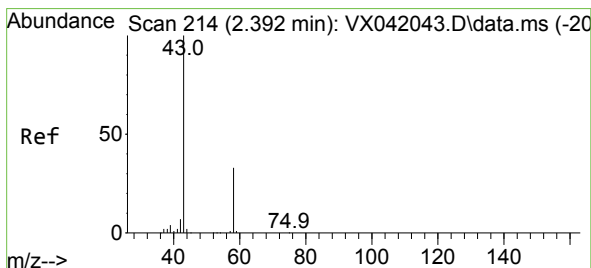
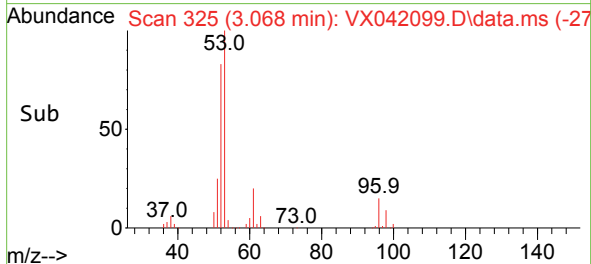
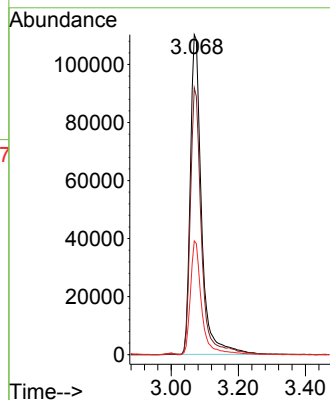
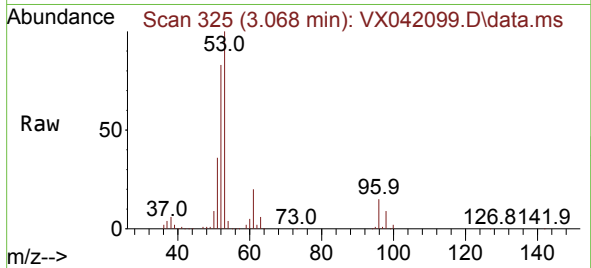




#15  
Acrylonitrile  
Concen: 261.721 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

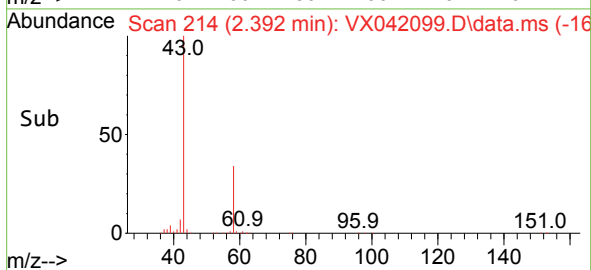
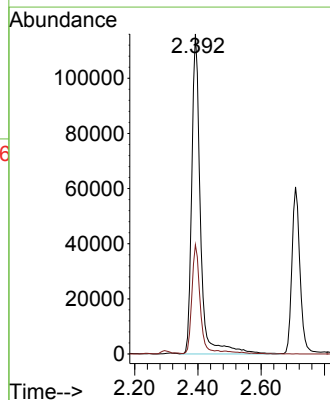
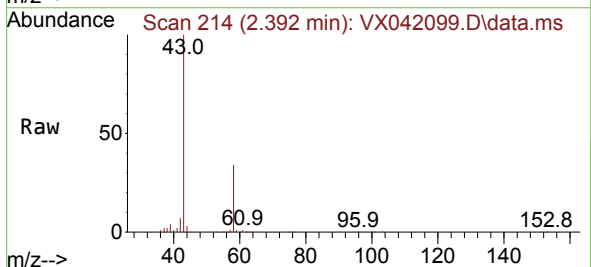
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

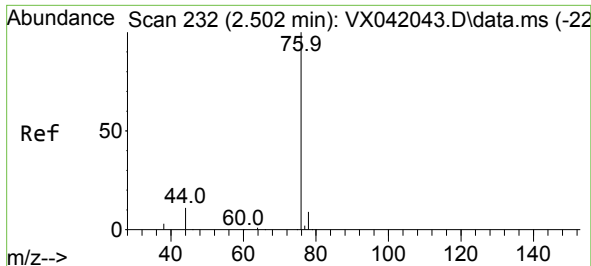
Tgt Ion: 53 Resp: 255360  
Ion Ratio Lower Upper  
53 100  
52 82.7 66.0 99.0  
51 35.9 29.8 44.6



#16  
Acetone  
Concen: 256.792 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 43 Resp: 221936  
Ion Ratio Lower Upper  
43 100  
58 34.0 21.9 32.9#

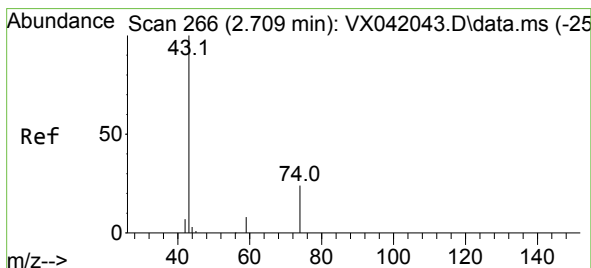
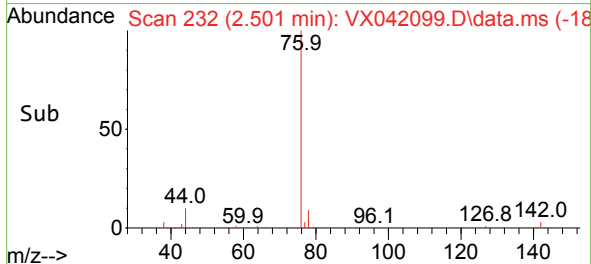
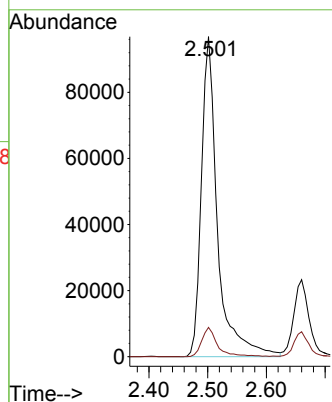
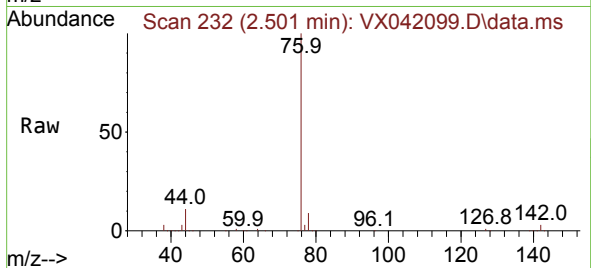




#17  
Carbon Disulfide  
Concen: 61.468 ug/l  
RT: 2.501 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

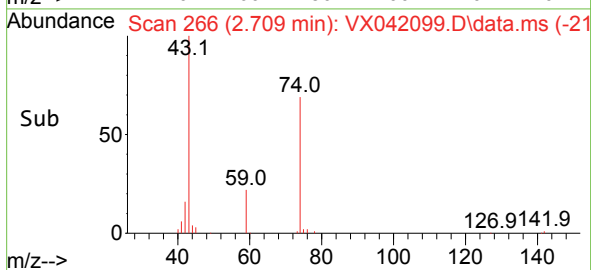
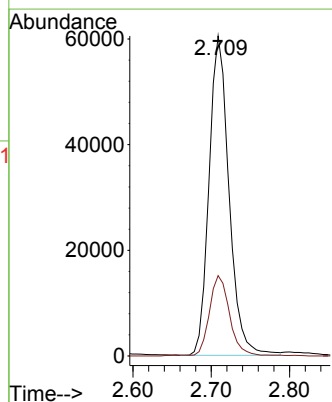
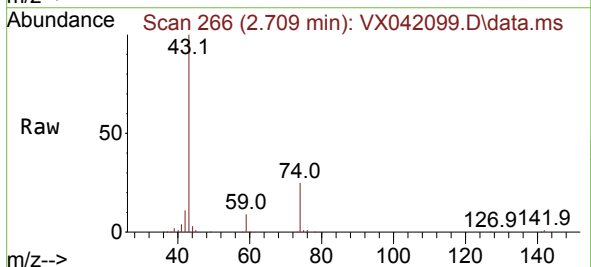
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

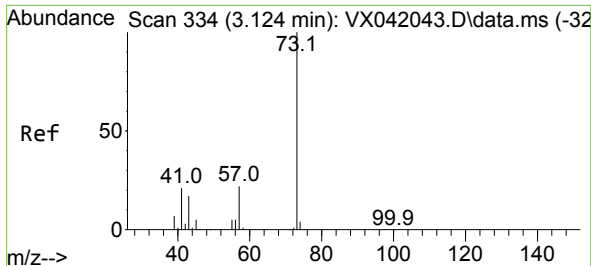
Tgt Ion: 76 Resp: 184514  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 45.475 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 43 Resp: 107215  
Ion Ratio Lower Upper  
43 100  
74 25.6 17.8 26.8

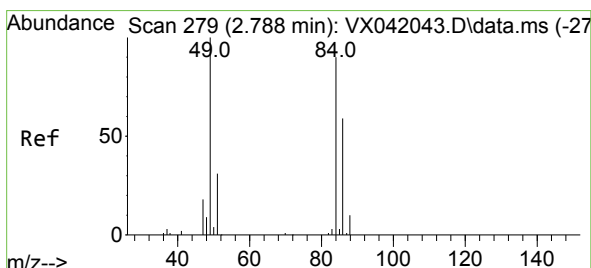
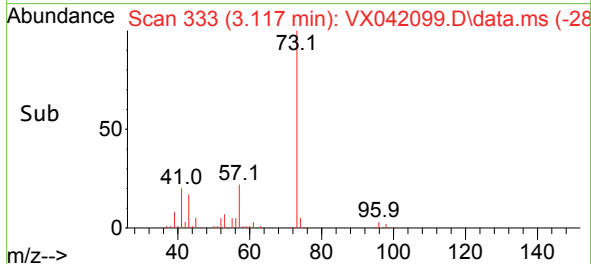
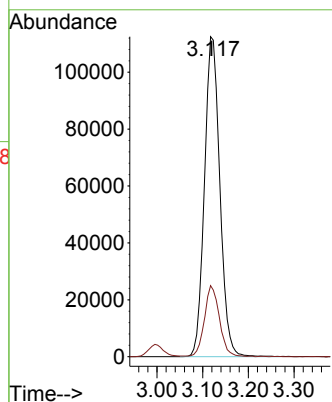
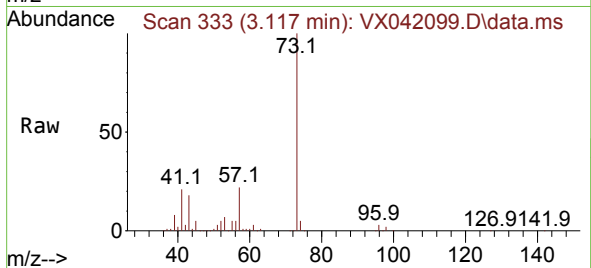




#19  
Methyl tert-butyl Ether  
Concen: 54.056 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

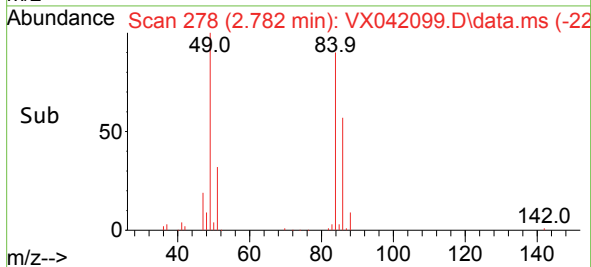
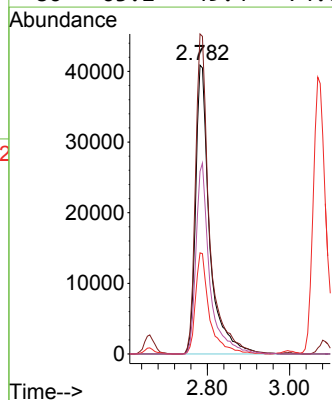
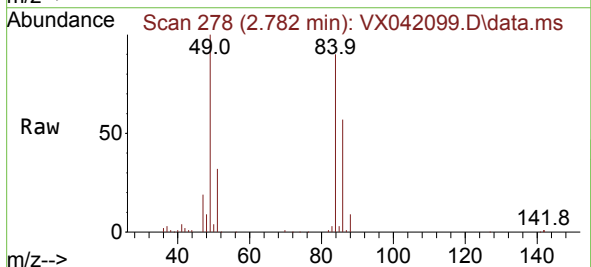
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

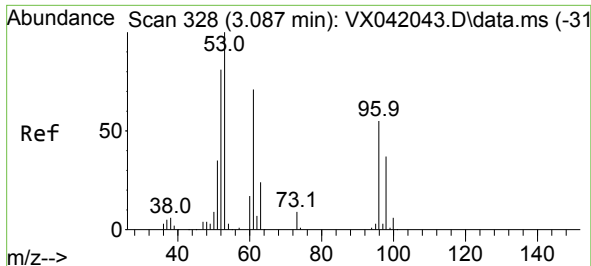
Tgt Ion: 73 Resp: 262912  
Ion Ratio Lower Upper  
73 100  
57 22.2 17.3 25.9



#20  
Methylene Chloride  
Concen: 51.203 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 84 Resp: 96899  
Ion Ratio Lower Upper  
84 100  
49 110.8 103.6 155.4  
51 35.0 33.8 50.6  
86 63.2 49.4 74.0

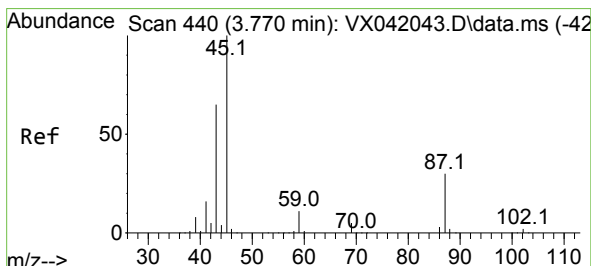
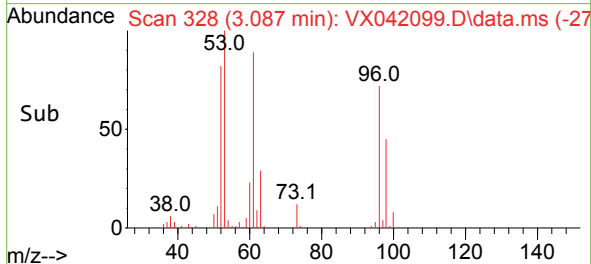
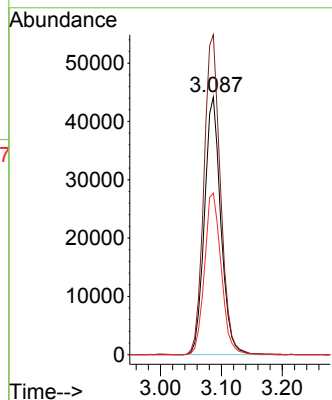
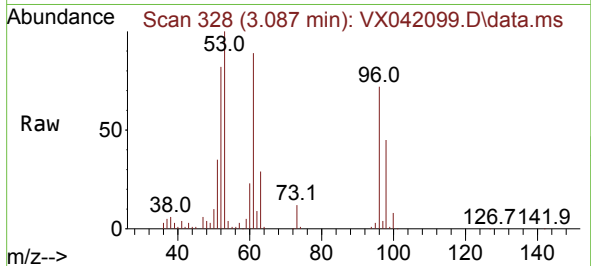




#21  
trans-1,2-Dichloroethene  
Concen: 55.208 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

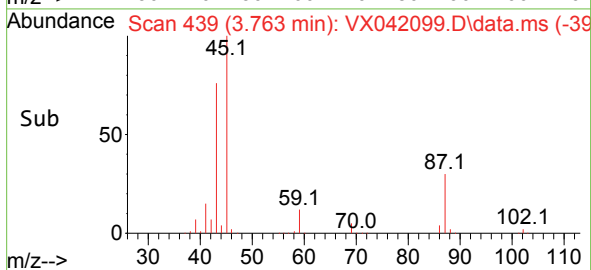
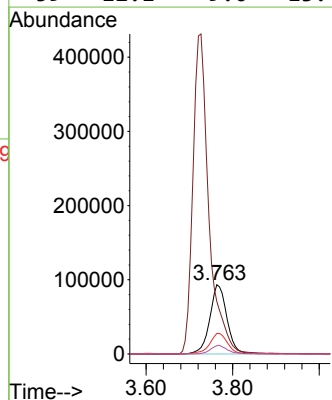
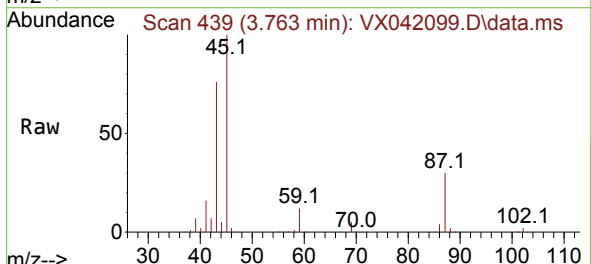
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

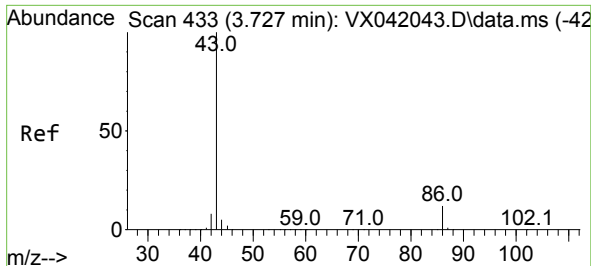
Tgt Ion: 96 Resp: 82489  
Ion Ratio Lower Upper  
96 100  
61 124.3 119.2 178.8  
98 62.7 48.7 73.1



#22  
Diisopropyl ether  
Concen: 52.006 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 45 Resp: 256663  
Ion Ratio Lower Upper  
45 100  
43 75.1 69.7 104.5  
87 29.6 20.8 31.2  
59 12.1 9.0 13.4

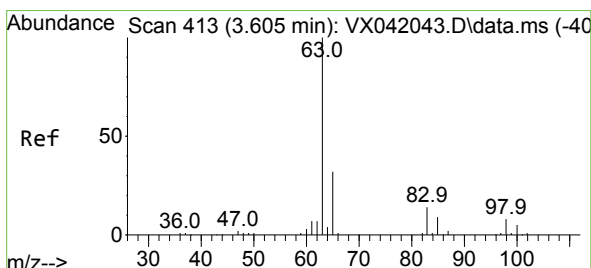
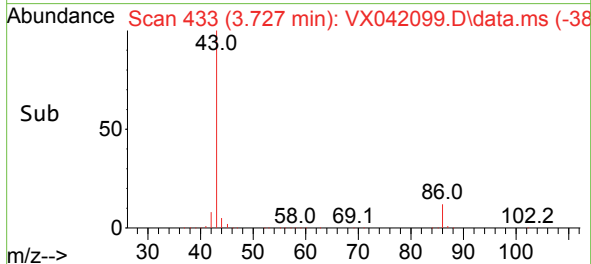
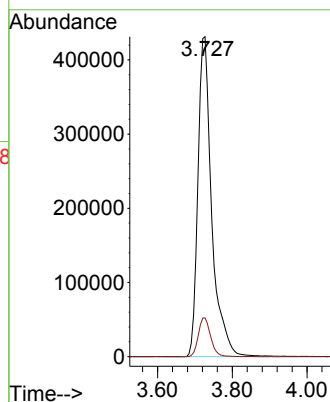
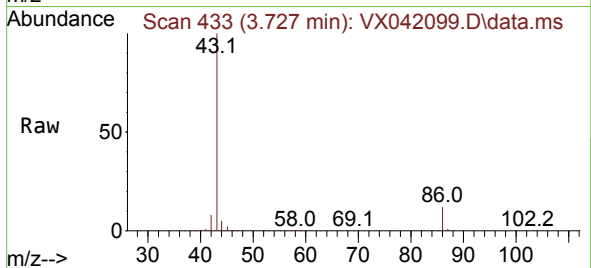




#23  
 Vinyl Acetate  
 Concen: 262.440 ug/l  
 RT: 3.727 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX042099.D  
 Acq: 28 Jun 2024 20:32

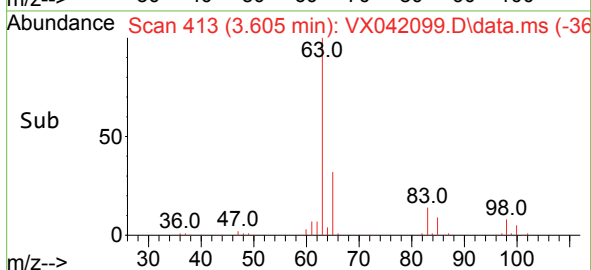
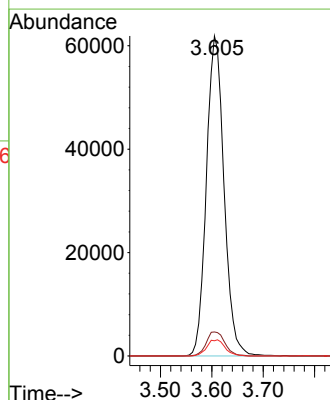
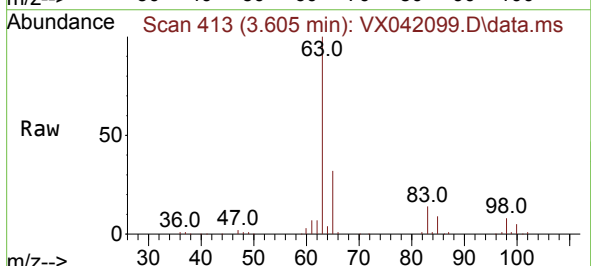
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

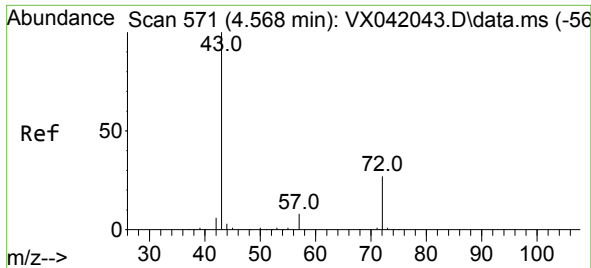
Tgt Ion: 43 Resp: 1106120  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 7.8 11.8#



#24  
 1,1-Dichloroethane  
 Concen: 53.354 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX042099.D  
 Acq: 28 Jun 2024 20:32

Tgt Ion: 63 Resp: 147457  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.3 9.8  
 100 4.8 2.1 6.5

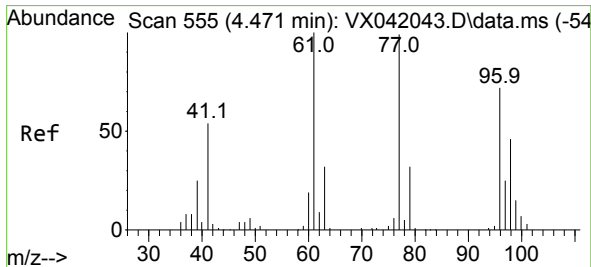
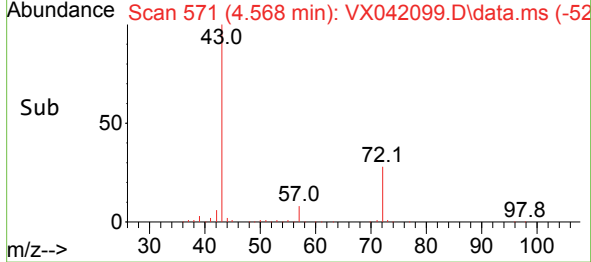
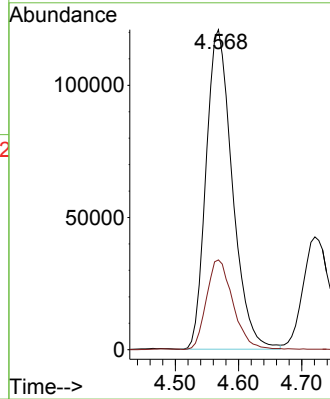
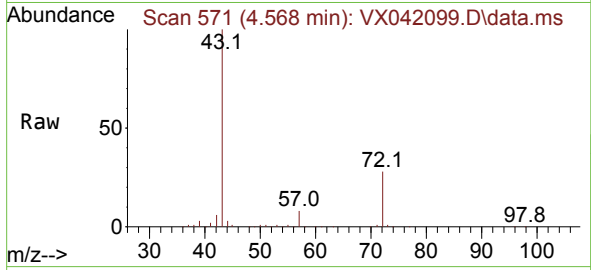




#25  
2-Butanone  
Concen: 259.730 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

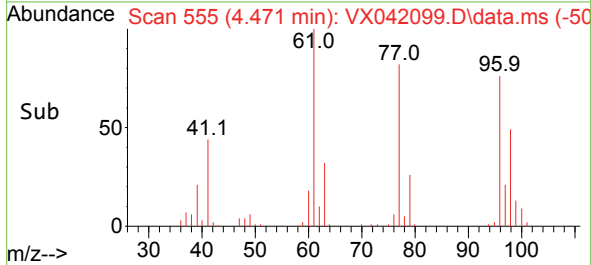
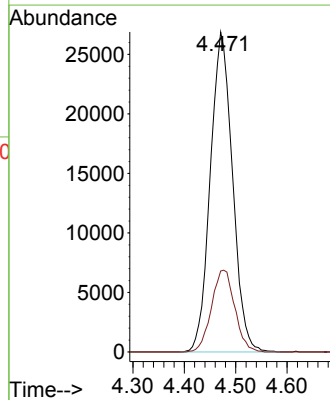
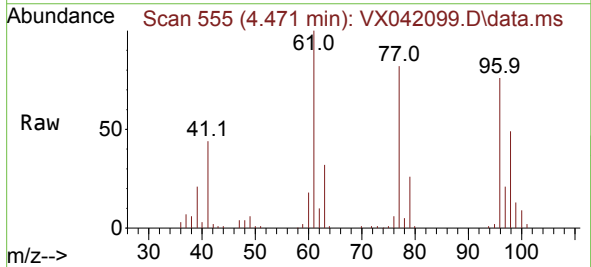
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

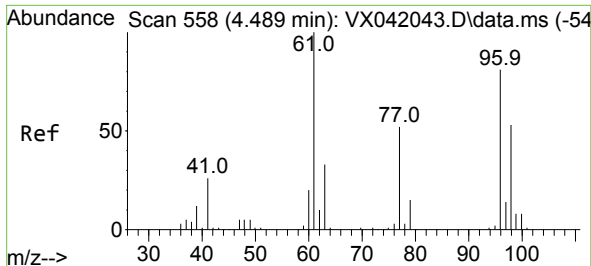
Tgt Ion: 43 Resp: 349228  
Ion Ratio Lower Upper  
43 100  
72 27.9 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 40.280 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 77 Resp: 80616  
Ion Ratio Lower Upper  
77 100  
97 26.8 10.8 32.3

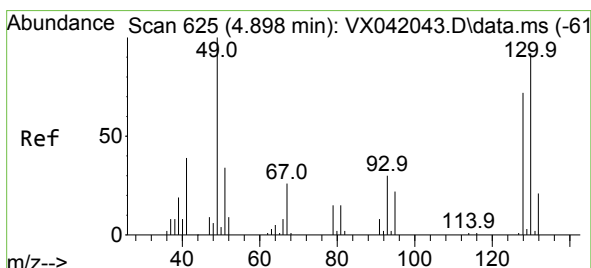
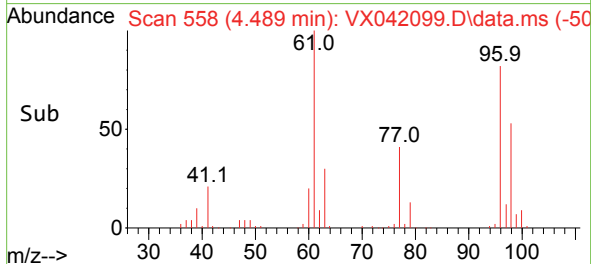
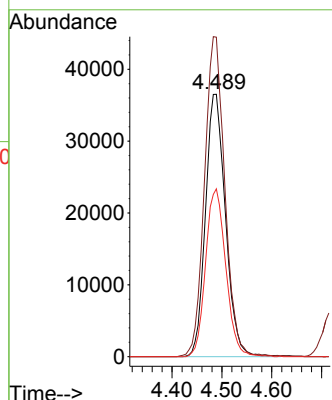
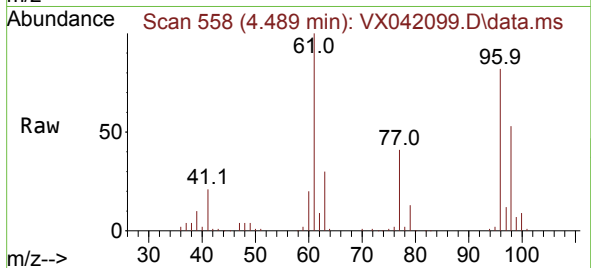




#27  
 cis-1,2-Dichloroethene  
 Concen: 54.414 ug/l  
 RT: 4.489 min Scan# 511  
 Delta R.T. -0.000 min  
 Lab File: VX042099.D  
 Acq: 28 Jun 2024 20:32

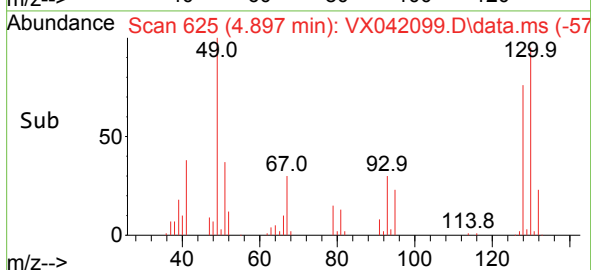
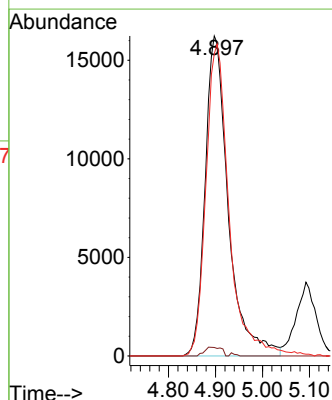
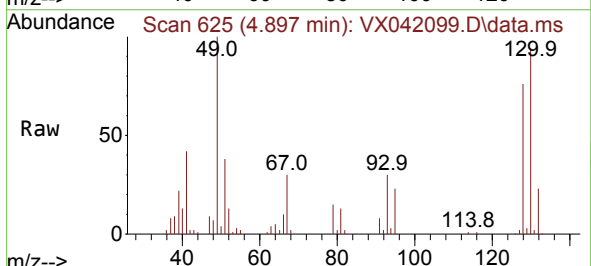
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

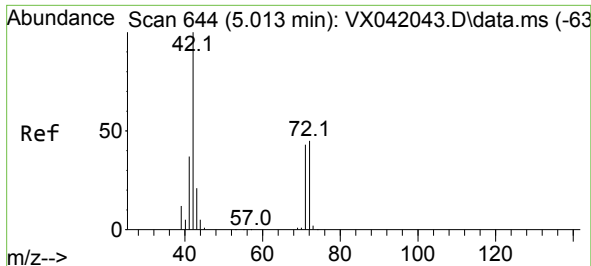
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 101829 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 124.1 | 0.0   | 312.2  |
| 98       | 64.5  | 0.0   | 129.0  |



#28  
 Bromochloromethane  
 Concen: 46.818 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. -0.006 min  
 Lab File: VX042099.D  
 Acq: 28 Jun 2024 20:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 55421 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.0   | 0.0   | 3.8   |
| 130      | 98.0  | 57.5  | 86.3  |

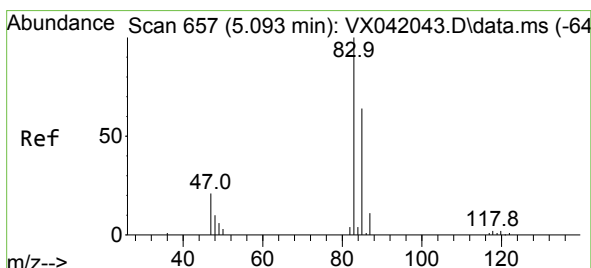
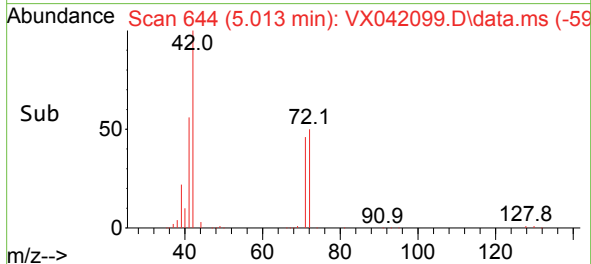
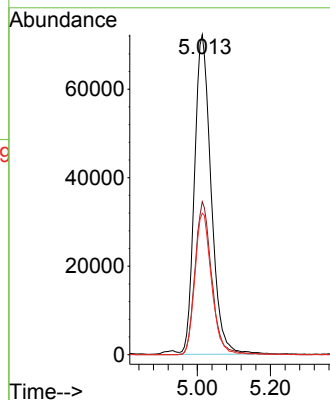
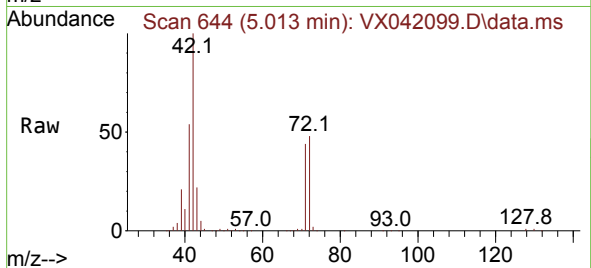




#29  
Tetrahydrofuran  
Concen: 263.195 ug/l  
RT: 5.013 min Scan# 644  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

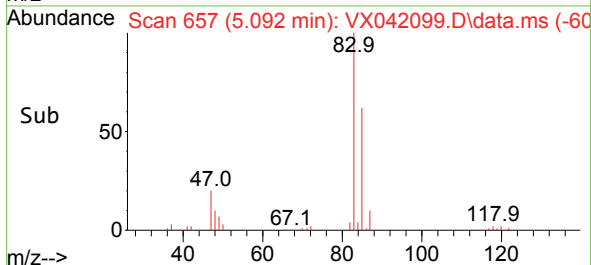
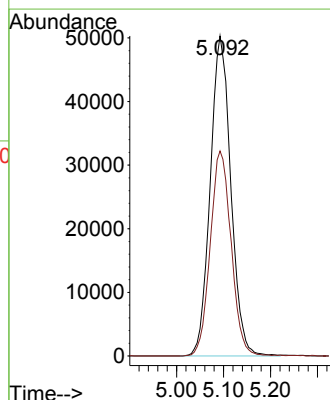
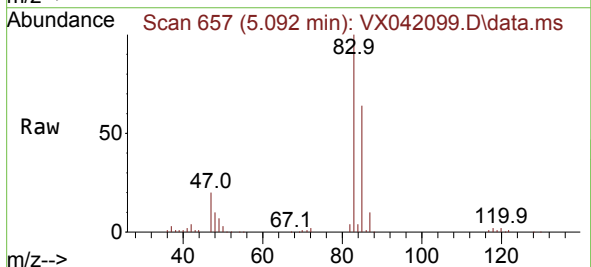
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

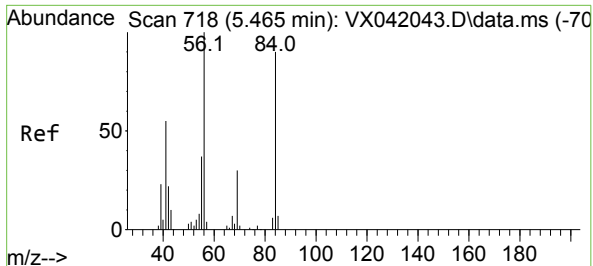
Tgt Ion: 42 Resp: 228552  
Ion Ratio Lower Upper  
42 100  
72 48.1 34.2 51.4  
71 44.5 32.2 48.2



#30  
Chloroform  
Concen: 53.104 ug/l  
RT: 5.092 min Scan# 657  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

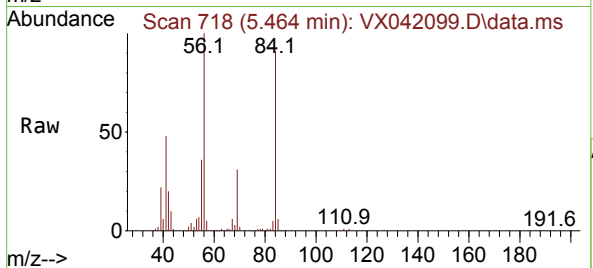
Tgt Ion: 83 Resp: 152905  
Ion Ratio Lower Upper  
83 100  
85 64.0 50.3 75.5





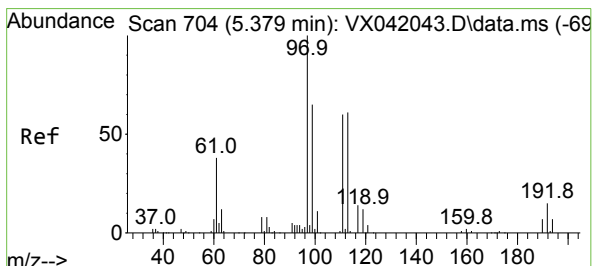
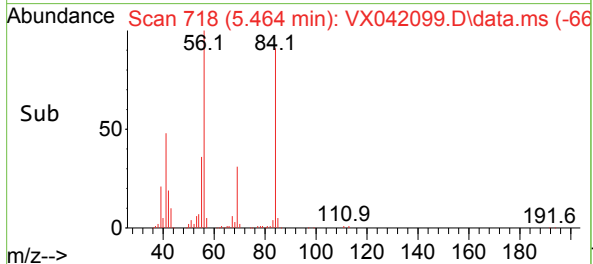
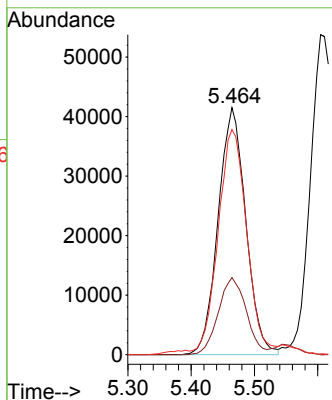
#31  
Cyclohexane  
Concen: 54.769 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 126069

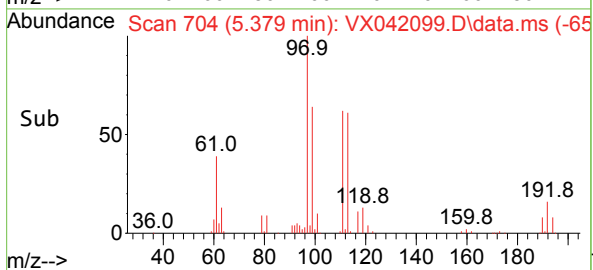
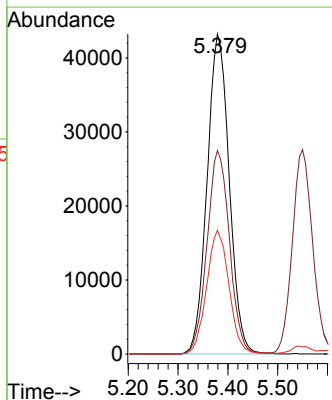
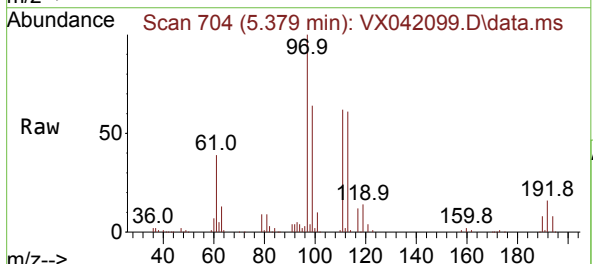
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.2  | 23.4  | 35.2  |
| 84  | 89.5  | 65.9  | 98.9  |

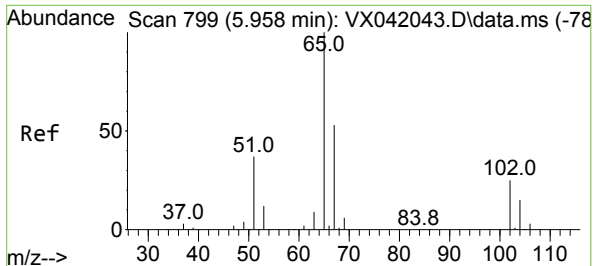


#32  
1,1,1-Trichloroethane  
Concen: 55.330 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 97 Resp: 133120

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.6  | 51.1  | 76.7  |
| 61  | 39.2  | 36.4  | 54.6  |





#33

1,2-Dichloroethane-d4

Concen: 44.912 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

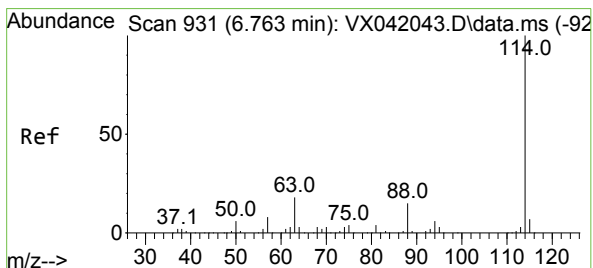
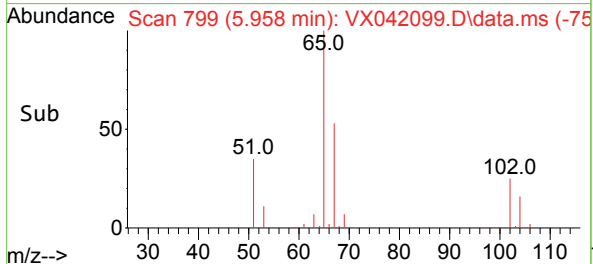
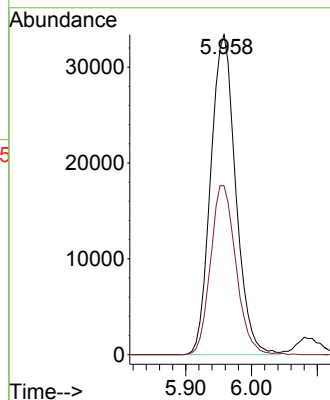
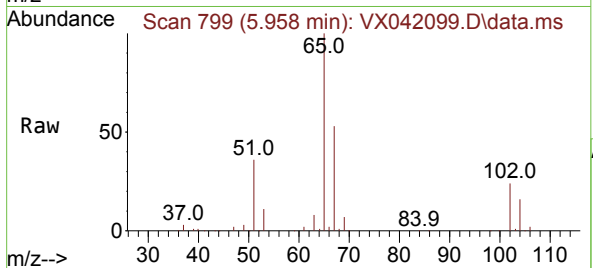
VSTDCCC050EC

Tgt Ion: 65 Resp: 88399

Ion Ratio Lower Upper

65 100

67 53.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

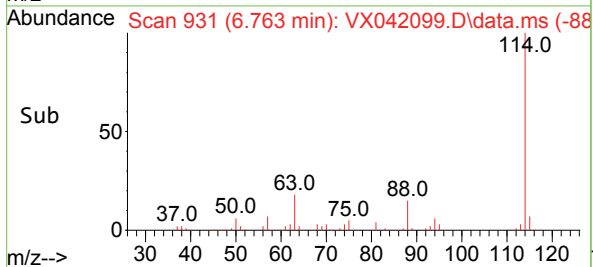
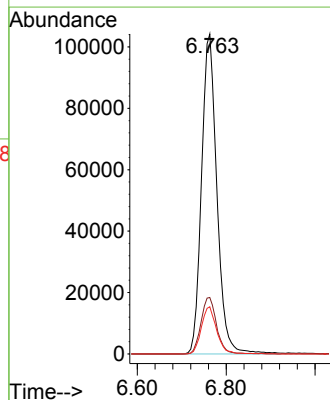
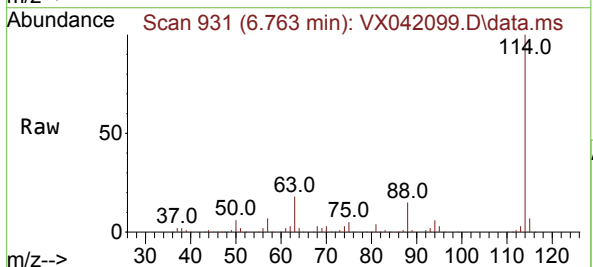
Tgt Ion:114 Resp: 250919

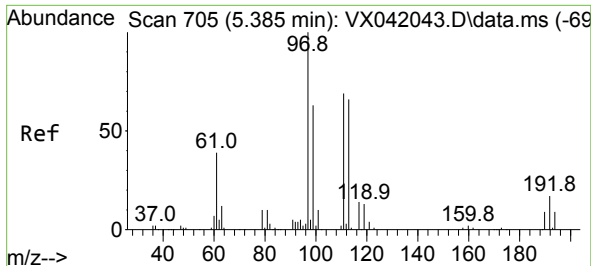
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 14.8 0.0 36.6

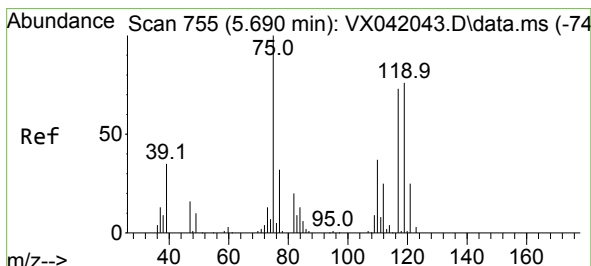
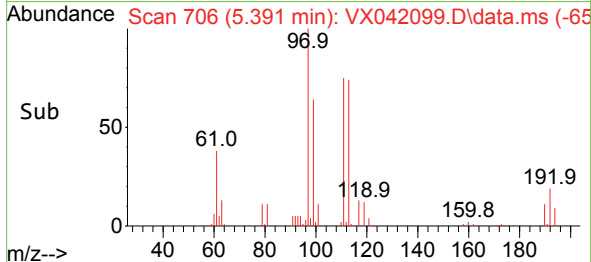
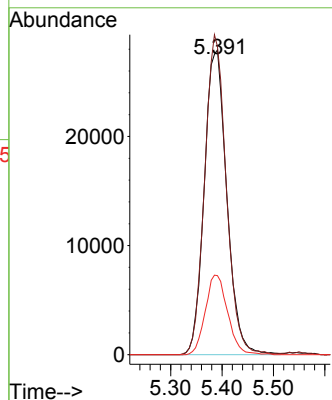
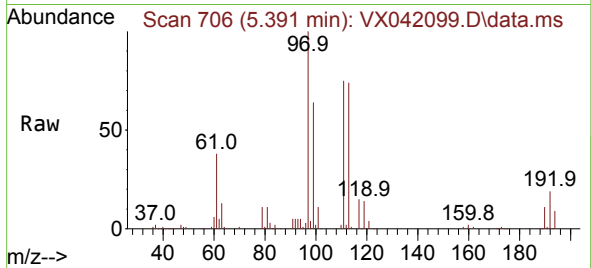




#35  
 Dibromofluoromethane  
 Concen: 47.717 ug/l  
 RT: 5.391 min Scan# 705  
 Delta R.T. -0.000 min  
 Lab File: VX042099.D  
 Acq: 28 Jun 2024 20:32

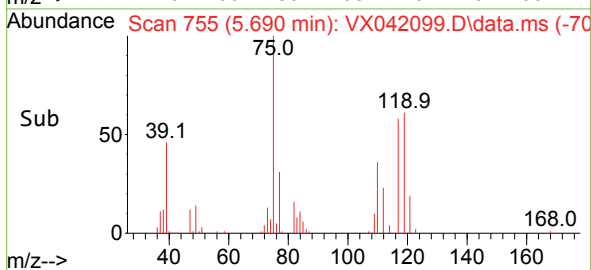
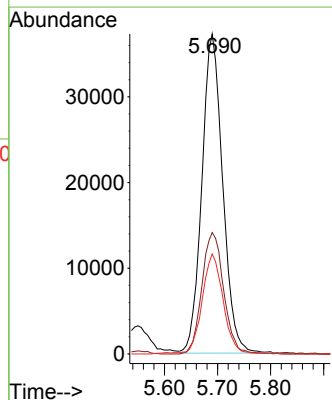
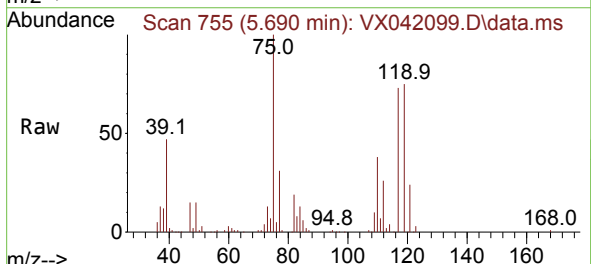
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

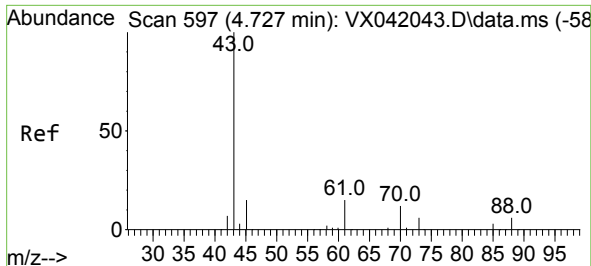
Tgt Ion:113 Resp: 84956  
 Ion Ratio Lower Upper  
 113 100  
 111 101.0 82.9 124.3  
 192 25.9 13.3 19.9#



#36  
 1,1-Dichloropropene  
 Concen: 53.710 ug/l  
 RT: 5.690 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VX042099.D  
 Acq: 28 Jun 2024 20:32

Tgt Ion: 75 Resp: 101544  
 Ion Ratio Lower Upper  
 75 100  
 110 39.9 17.0 50.9  
 77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 52.912 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

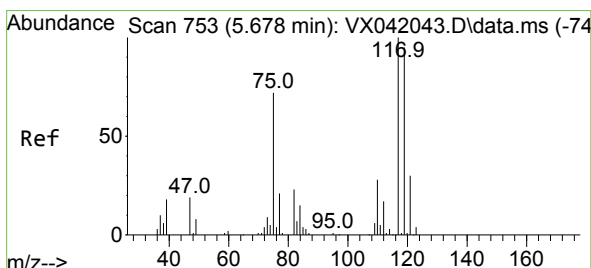
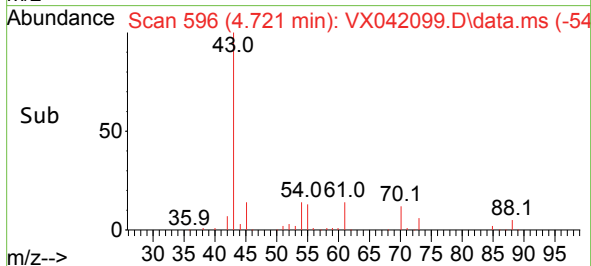
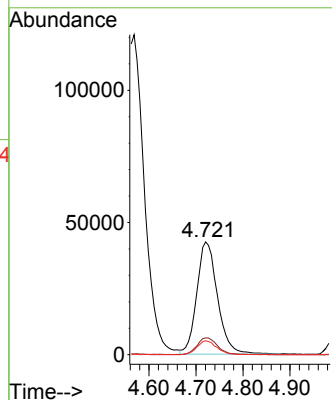
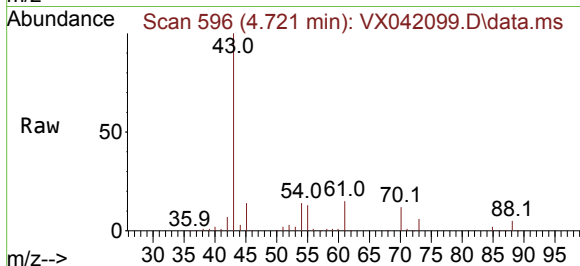
Tgt Ion: 43 Resp: 130312

Ion Ratio Lower Upper

43 100

61 14.6 10.6 16.0

70 11.9 8.3 12.5



#38

Carbon Tetrachloride

Concen: 55.566 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

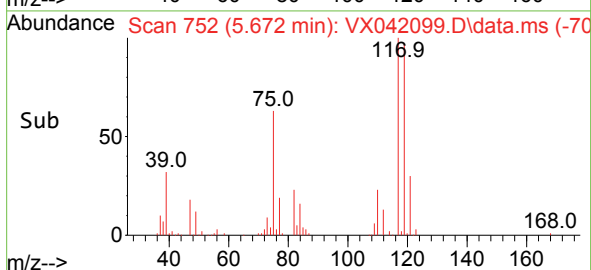
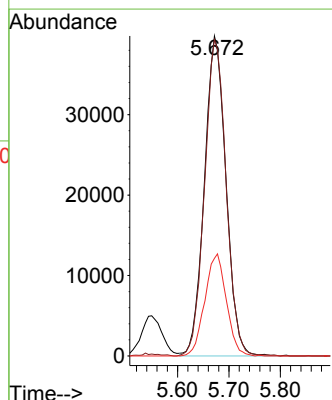
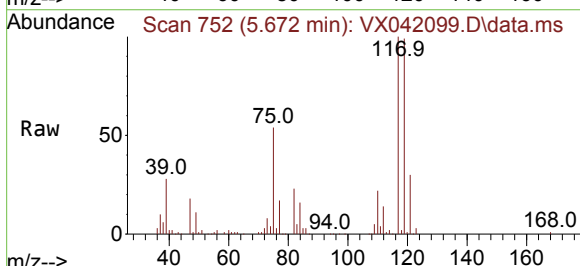
Tgt Ion:117 Resp: 116072

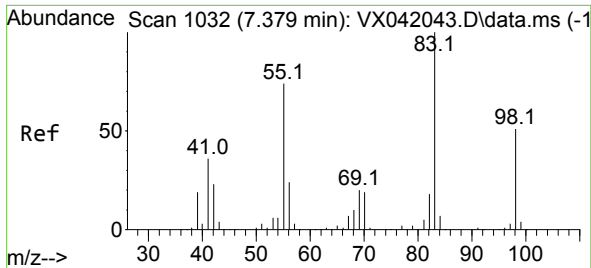
Ion Ratio Lower Upper

117 100

119 98.8 78.2 117.2

121 30.5 24.4 36.6

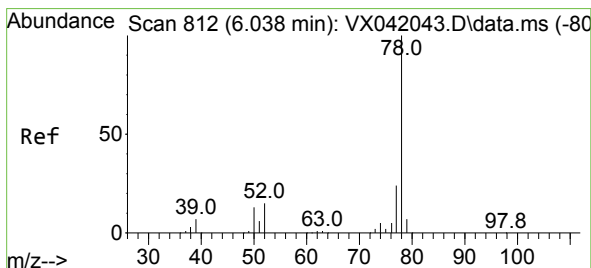
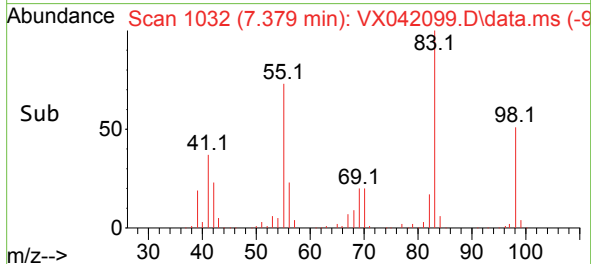
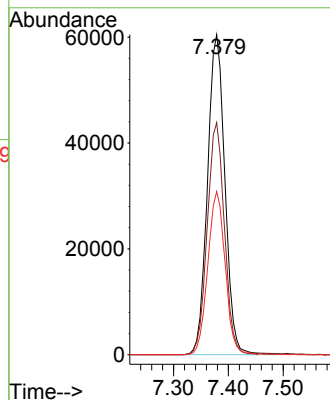
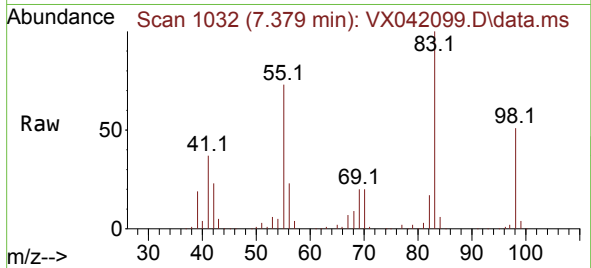




#39  
Methylcyclohexane  
Concen: 55.863 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

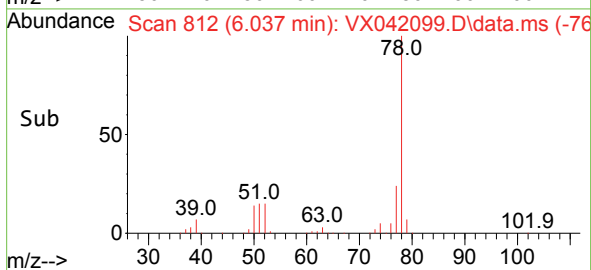
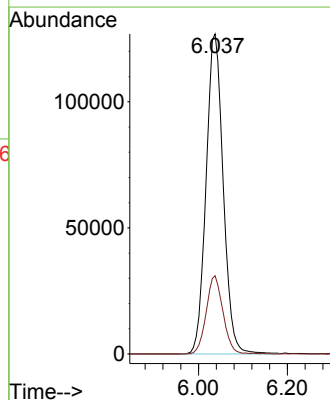
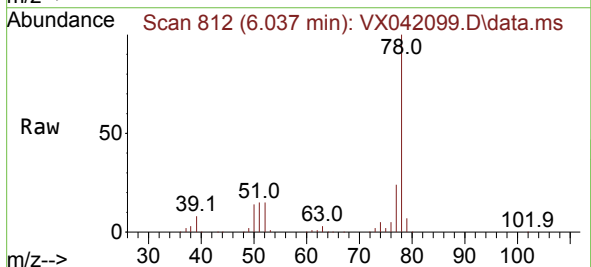
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

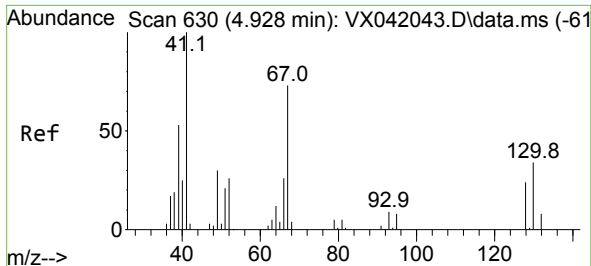
Tgt Ion: 83 Resp: 133571  
Ion Ratio Lower Upper  
83 100  
55 72.5 64.6 97.0  
98 51.0 36.7 55.1



#40  
Benzene  
Concen: 53.441 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 78 Resp: 340759  
Ion Ratio Lower Upper  
78 100  
77 24.5 19.3 28.9

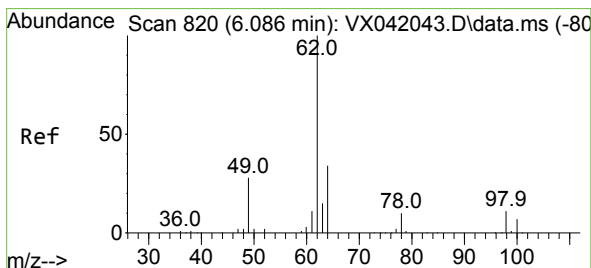
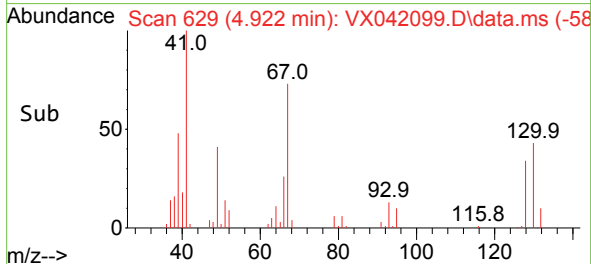
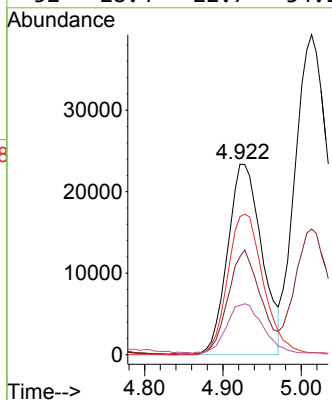
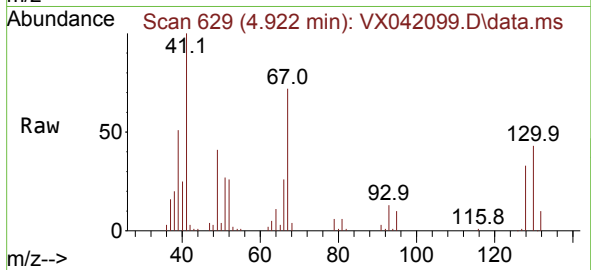




#41  
Methacrylonitrile  
Concen: 53.302 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

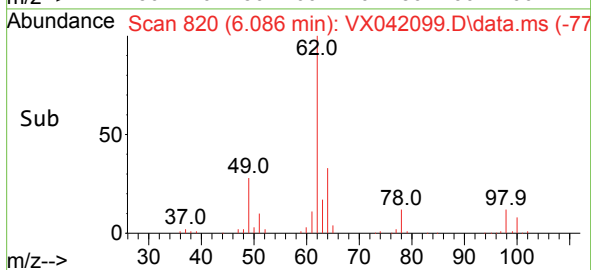
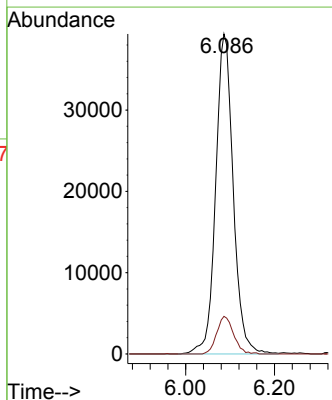
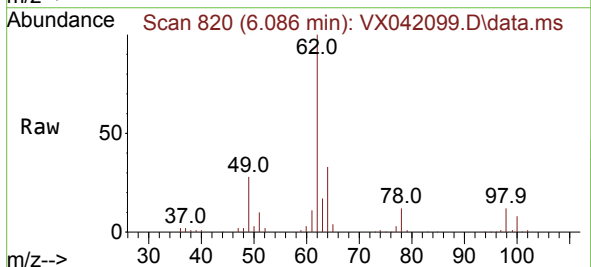
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

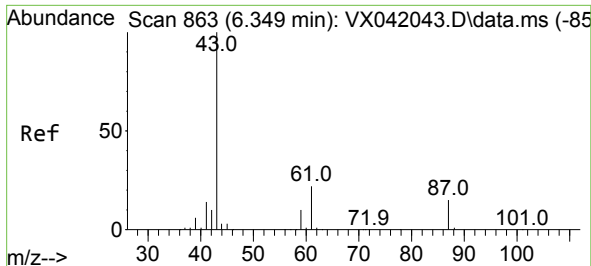
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 71160 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.0  | 45.2  | 67.8  |
| 67       | 77.4  | 52.6  | 78.8  |
| 52       | 28.4  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 52.353 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 107528 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 11.3  | 0.0   | 16.0   |

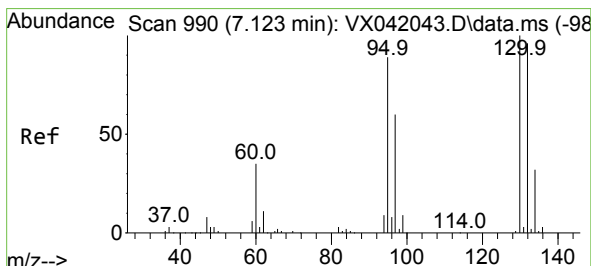
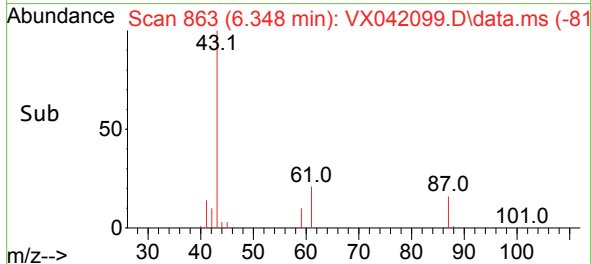
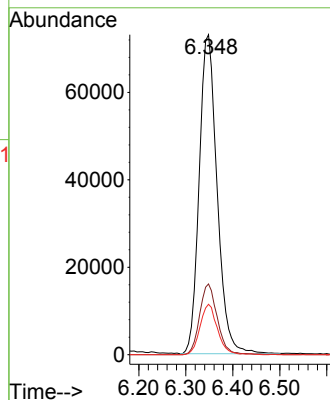
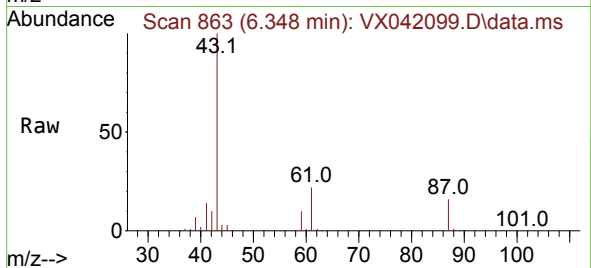




#43  
Isopropyl Acetate  
Concen: 51.141 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

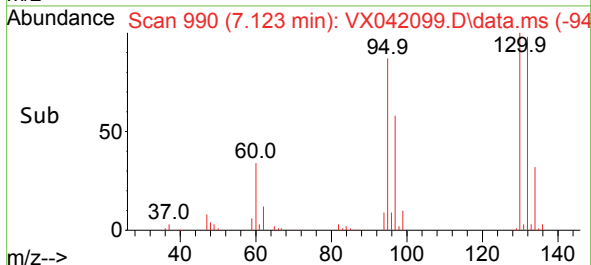
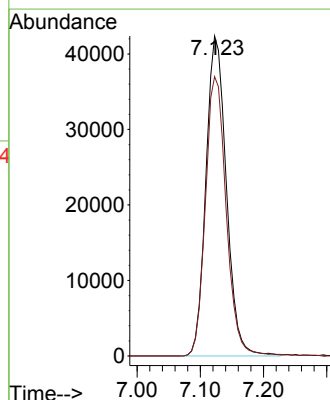
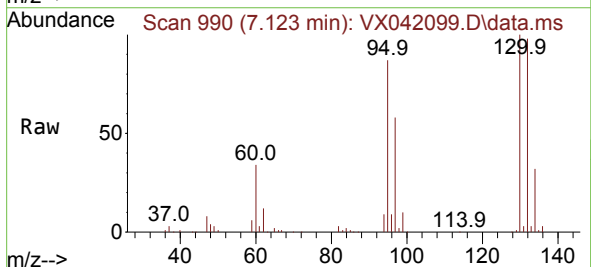
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

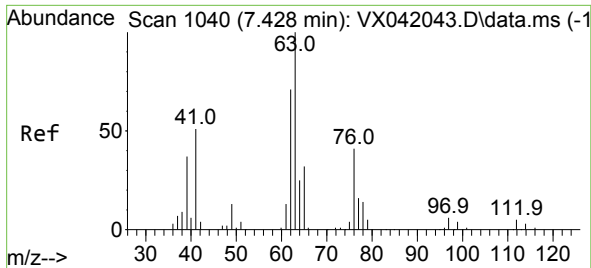
Tgt Ion: 43 Resp: 193329  
Ion Ratio Lower Upper  
43 100  
61 21.7 15.2 22.8  
87 15.2 9.8 14.6#



#44  
Trichloroethene  
Concen: 55.816 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion:130 Resp: 95399  
Ion Ratio Lower Upper  
130 100  
95 87.3 0.0 204.4

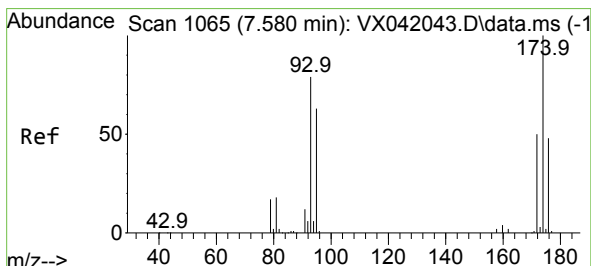
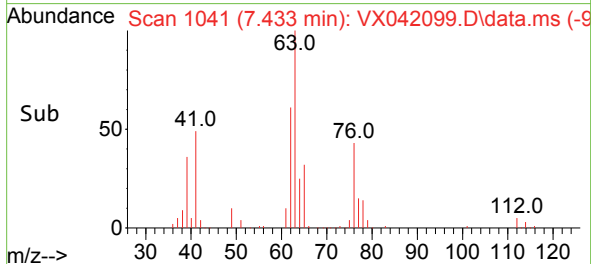
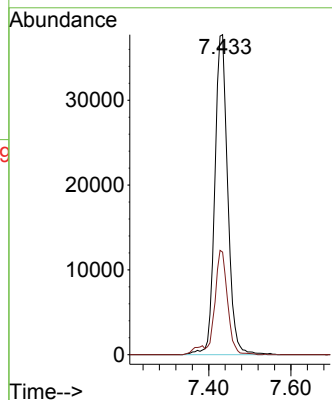
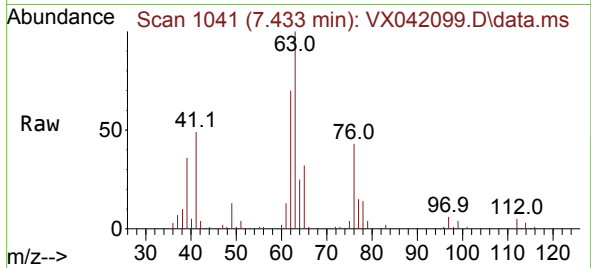




#45  
1,2-Dichloropropane  
Concen: 52.612 ug/l  
RT: 7.433 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

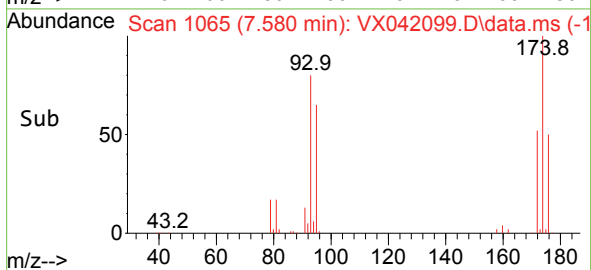
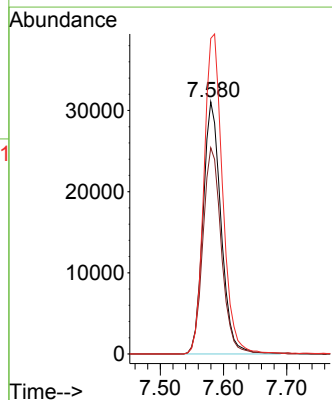
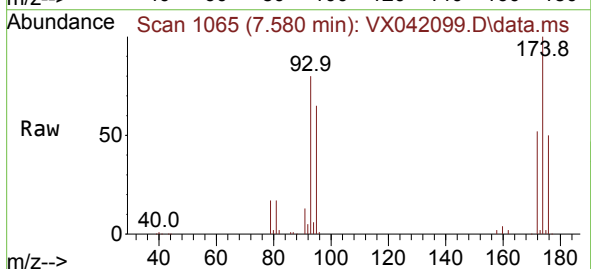
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

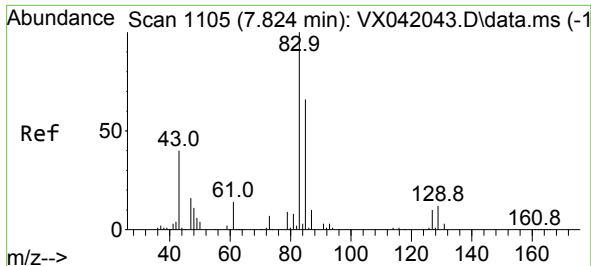
Tgt Ion: 63 Resp: 82488  
Ion Ratio Lower Upper  
63 100  
65 32.1 24.3 36.5



#46  
Dibromomethane  
Concen: 53.886 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 93 Resp: 61558  
Ion Ratio Lower Upper  
93 100  
95 84.0 66.6 100.0  
174 131.0 69.4 104.0#

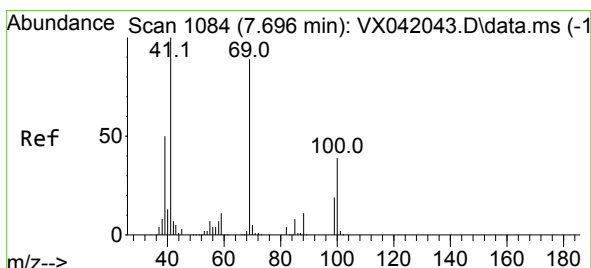
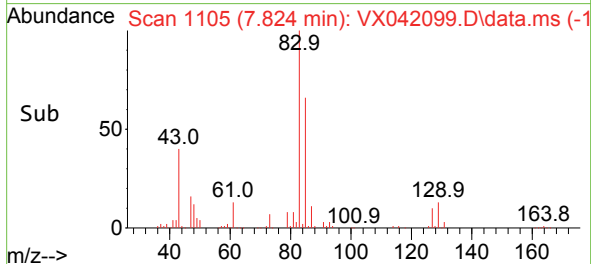
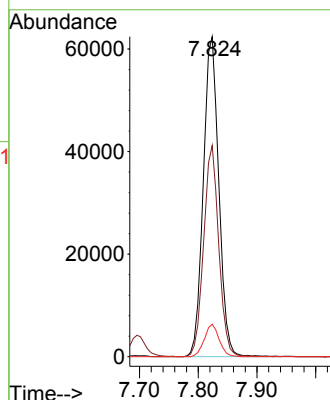
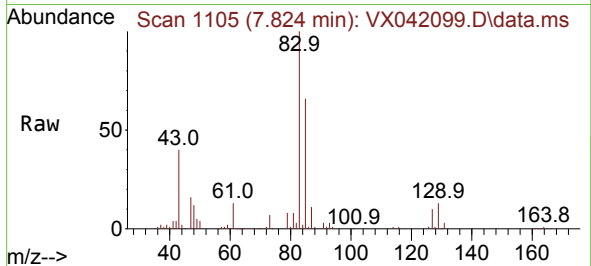




#47  
Bromodichloromethane  
Concen: 54.457 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

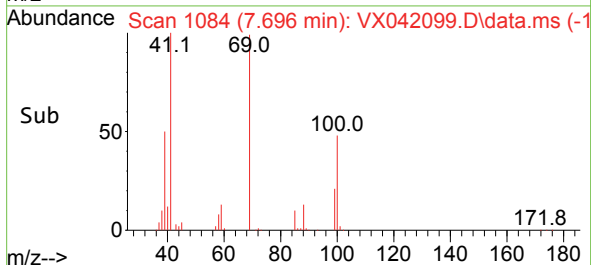
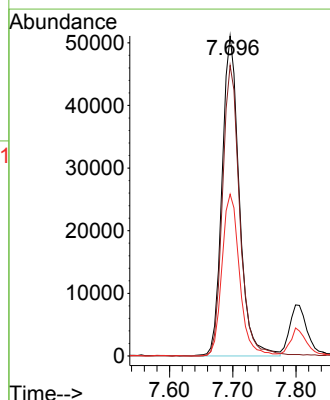
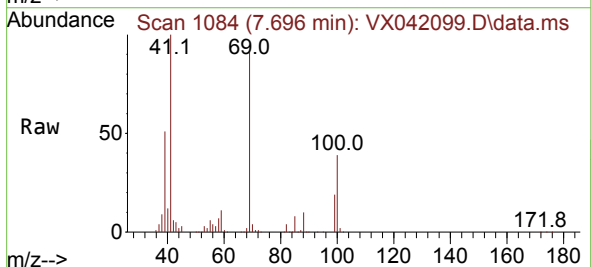
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

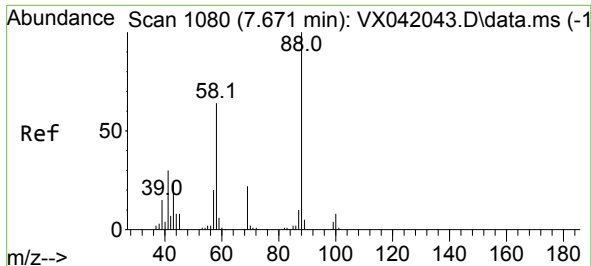
Tgt Ion: 83 Resp: 114216  
Ion Ratio Lower Upper  
83 100  
85 66.0 49.8 74.6  
127 10.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 53.464 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 41 Resp: 96457  
Ion Ratio Lower Upper  
41 100  
69 91.2 59.2 88.8#  
39 51.6 47.7 71.5

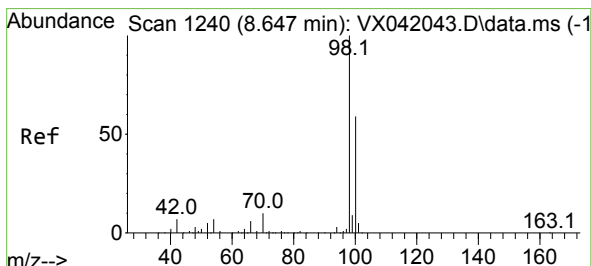
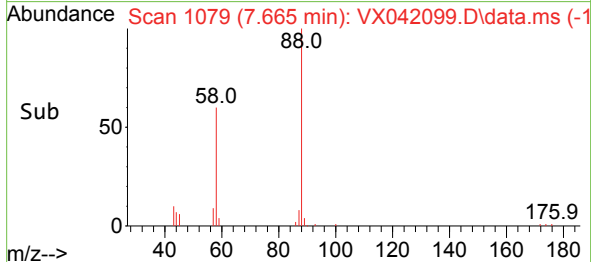
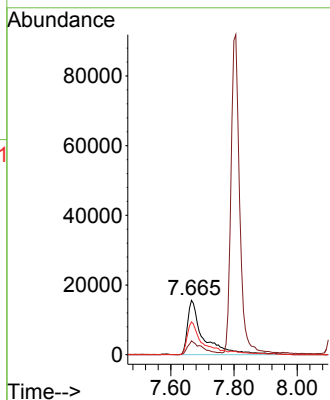
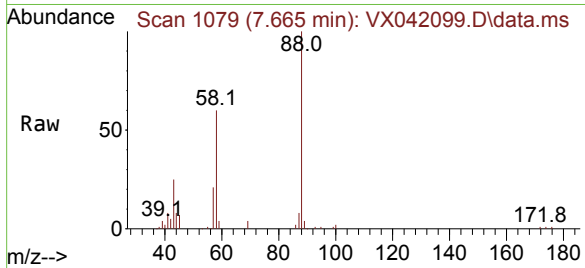




#49  
1,4-Dioxane  
Concen: 1131.554 ug/l  
RT: 7.665 min Scan# 1080  
Delta R.T. 0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

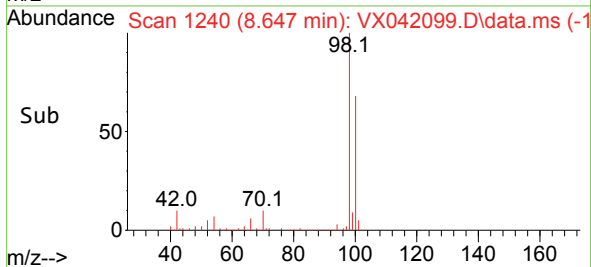
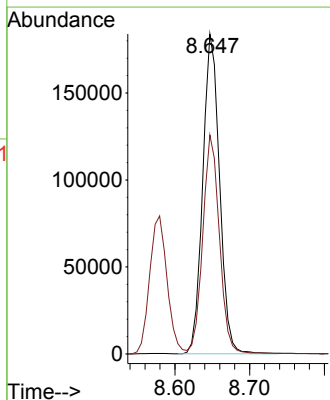
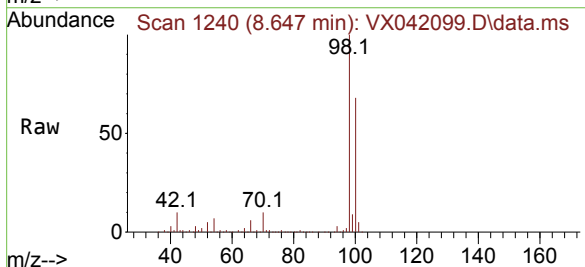
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

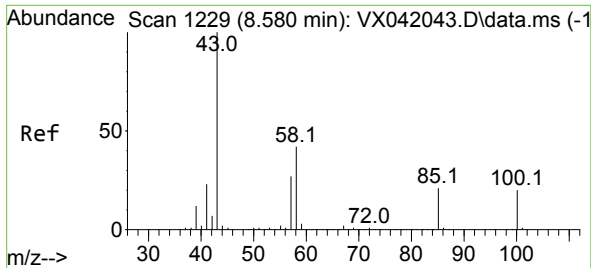
Tgt Ion: 88 Resp: 54145  
Ion Ratio Lower Upper  
88 100  
43 24.7 0.0 0.0#  
58 56.4 60.1 90.1#



#50  
Toluene-d8  
Concen: 45.934 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 98 Resp: 287302  
Ion Ratio Lower Upper  
98 100  
100 67.9 53.1 79.7

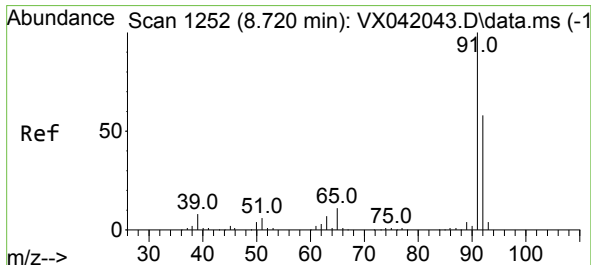
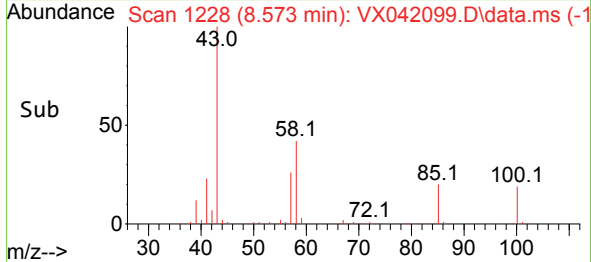
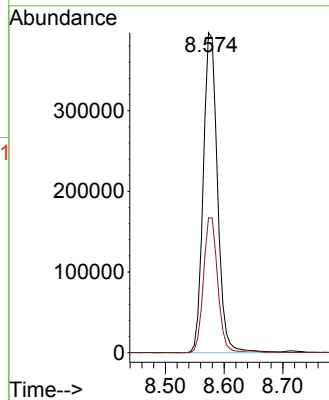
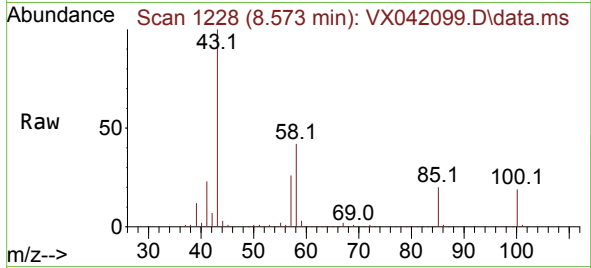




#51  
4-Methyl-2-Pentanone  
Concen: 257.021 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

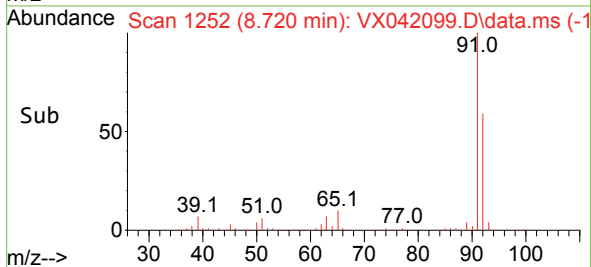
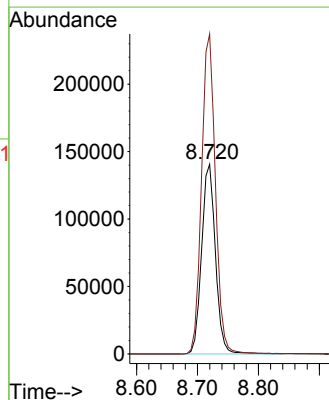
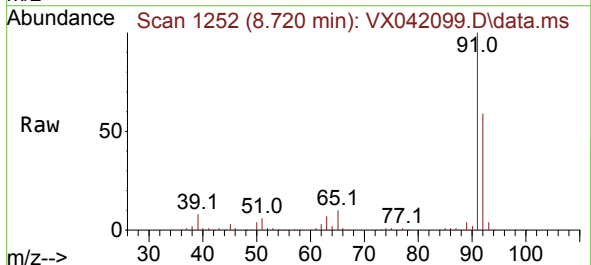
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 669287  
Ion Ratio Lower Upper  
43 100  
58 42.0 30.4 45.6



#52  
Toluene  
Concen: 54.495 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 92 Resp: 221272  
Ion Ratio Lower Upper  
92 100  
91 169.7 134.2 201.2

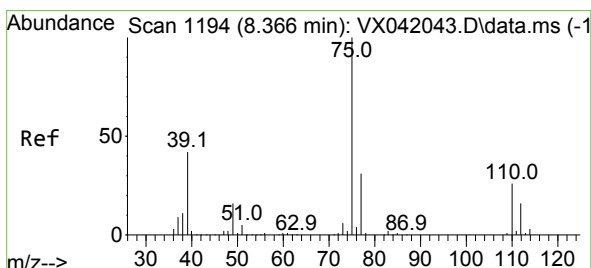
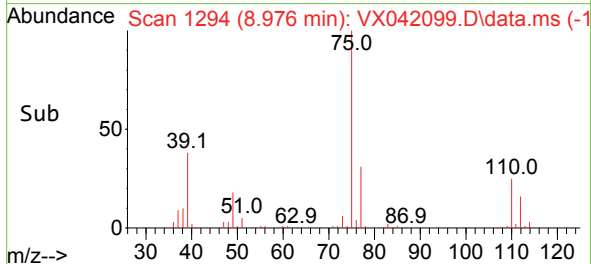
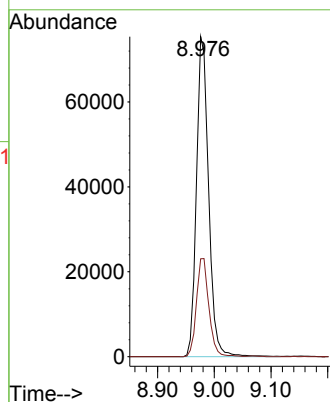
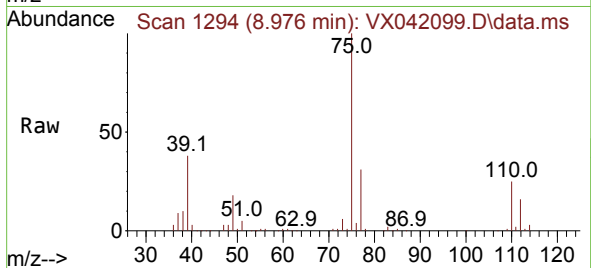




#53  
 t-1,3-Dichloropropene  
 Concen: 50.522 ug/l  
 RT: 8.976 min Scan# 1194  
 Delta R.T. -0.006 min  
 Lab File: VX042099.D  
 Acq: 28 Jun 2024 20:32

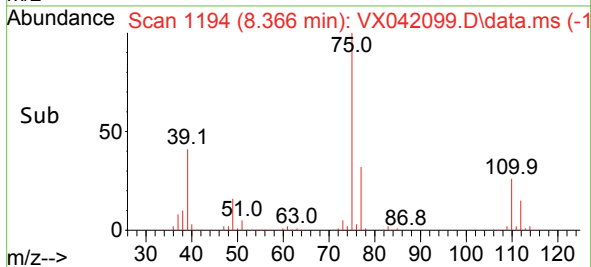
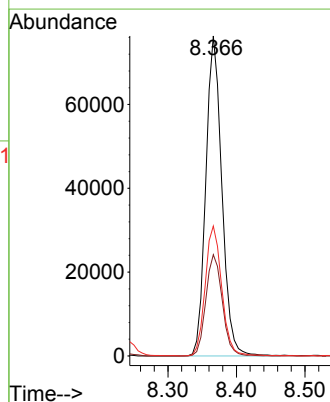
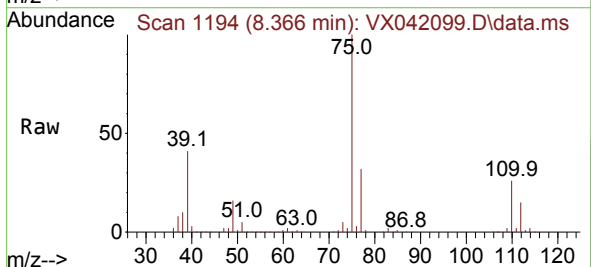
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

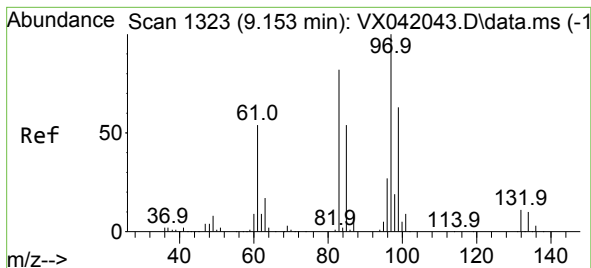
Tgt Ion: 75 Resp: 112130  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.180 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX042099.D  
 Acq: 28 Jun 2024 20:32

Tgt Ion: 75 Resp: 124410  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.3 37.9  
 39 40.6 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 53.506 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 90506

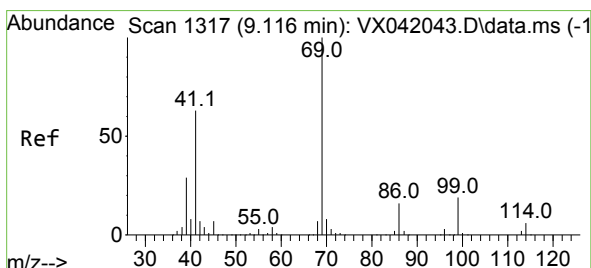
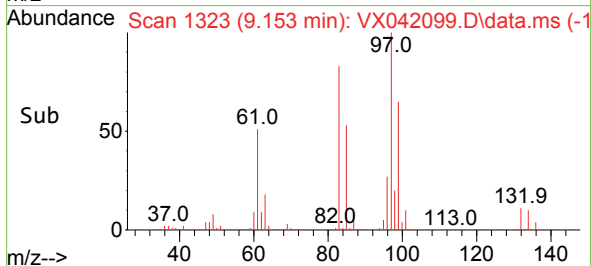
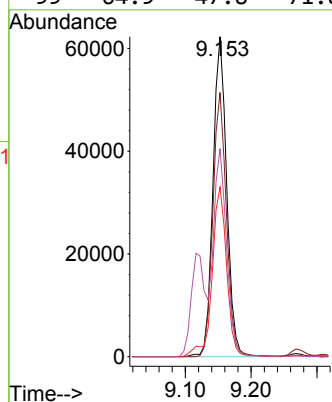
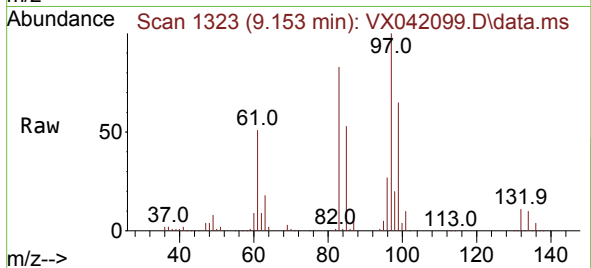
Ion Ratio Lower Upper

97 100

83 82.5 65.8 98.8

85 53.0 41.6 62.4

99 64.9 47.8 71.8



#56

Ethyl methacrylate

Concen: 55.082 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

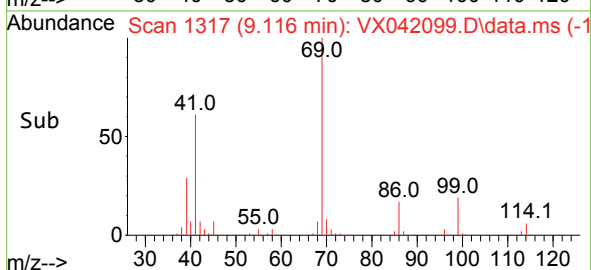
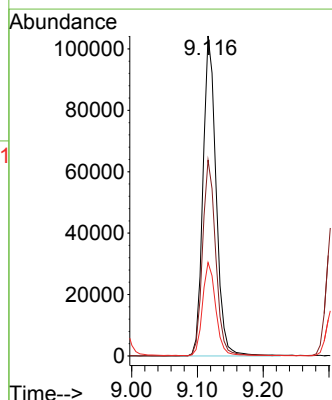
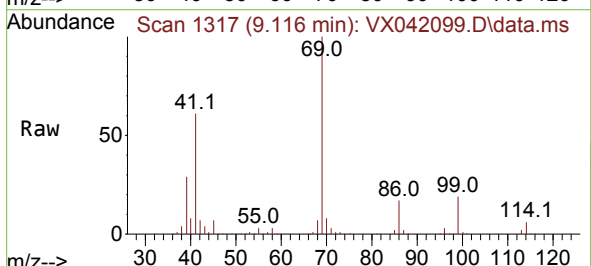
Tgt Ion: 69 Resp: 144946

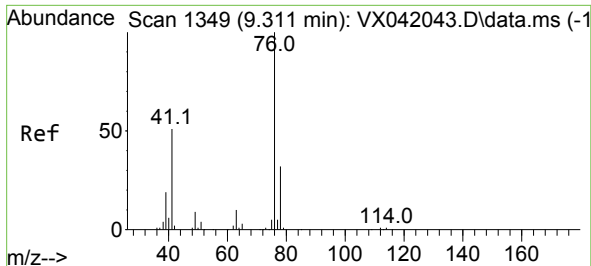
Ion Ratio Lower Upper

69 100

41 61.5 56.8 85.2

39 29.6 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 53.686 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

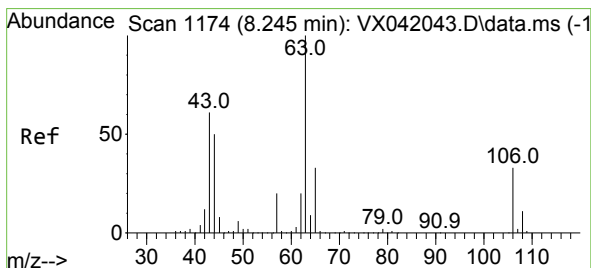
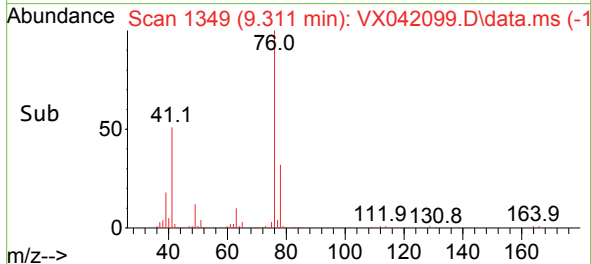
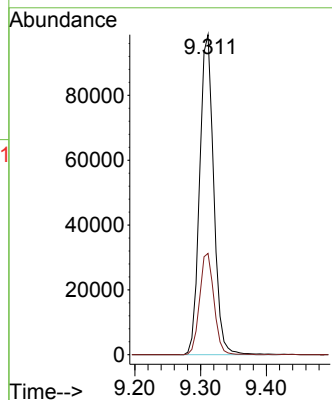
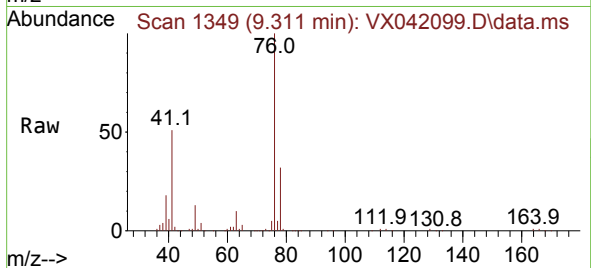
VSTDCCC050EC

Tgt Ion: 76 Resp: 146715

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 264.759 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX042099.D

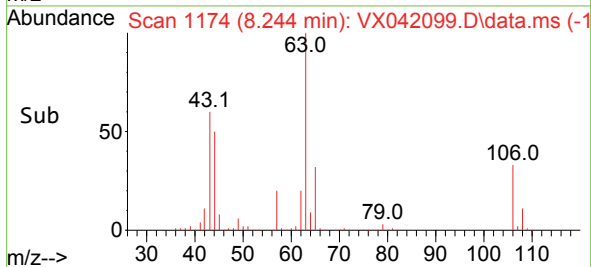
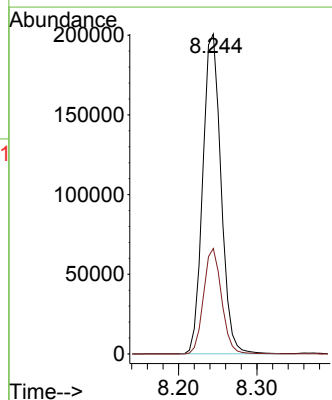
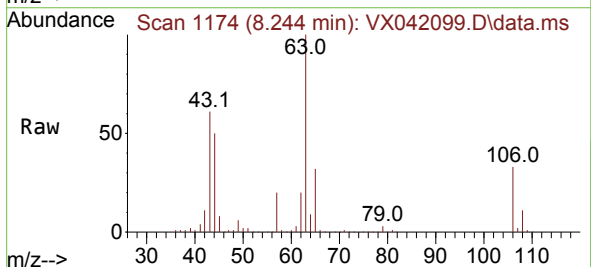
Acq: 28 Jun 2024 20:32

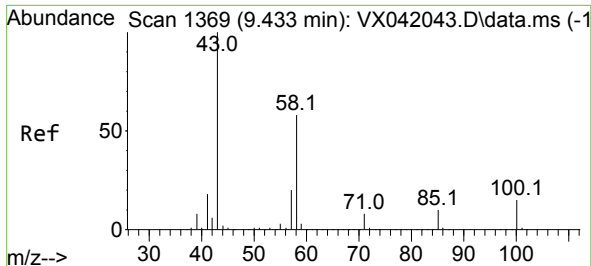
Tgt Ion: 63 Resp: 324672

Ion Ratio Lower Upper

63 100

106 32.6 22.5 33.7

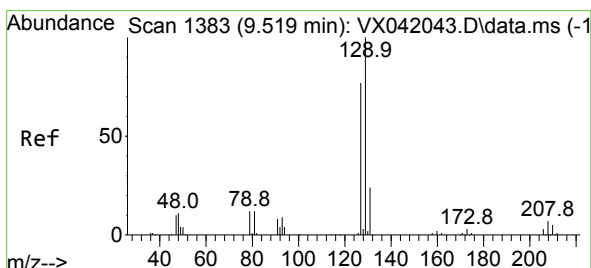
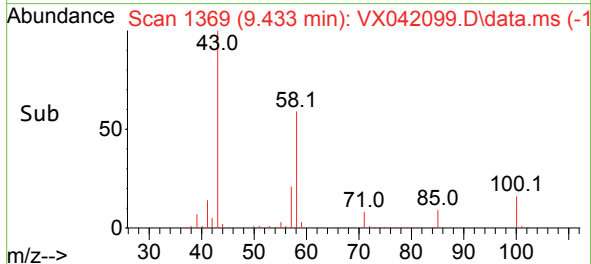
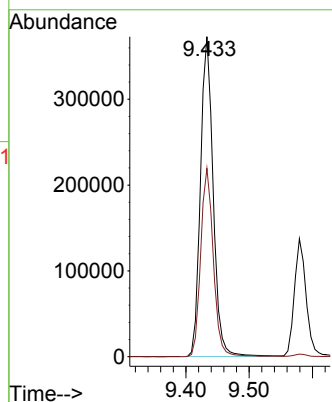
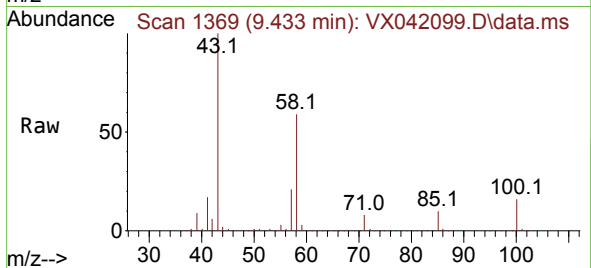




#59  
2-Hexanone  
Concen: 261.519 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

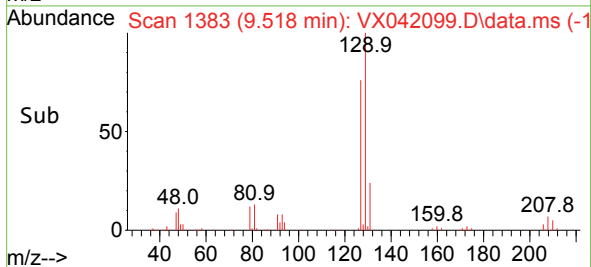
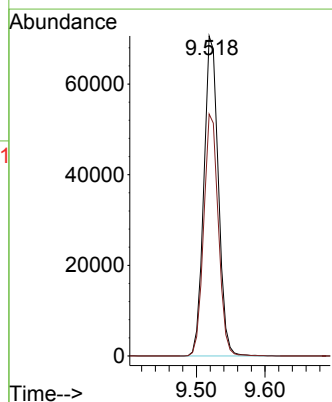
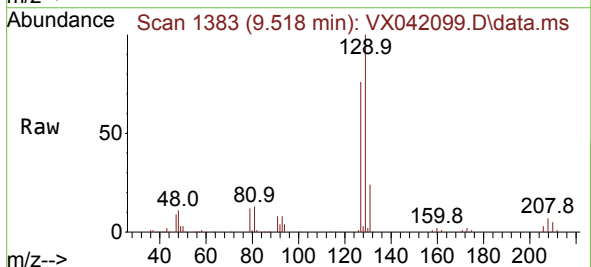
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

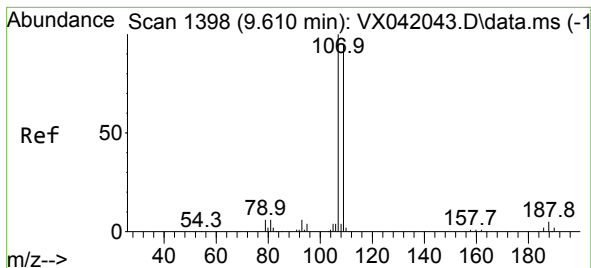
Tgt Ion: 43 Resp: 521587  
Ion Ratio Lower Upper  
43 100  
58 58.8 26.2 78.5



#60  
Dibromochloromethane  
Concen: 56.494 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 129 Resp: 103800  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 54.791 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

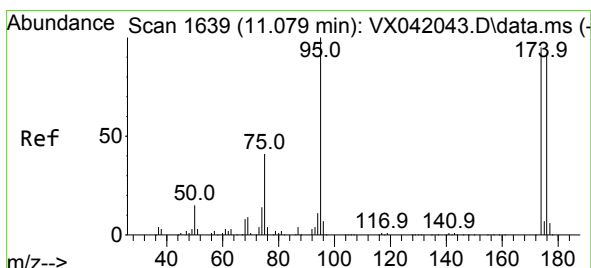
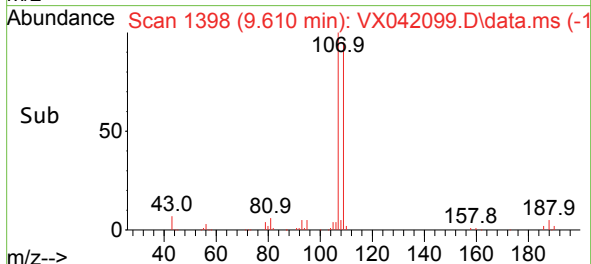
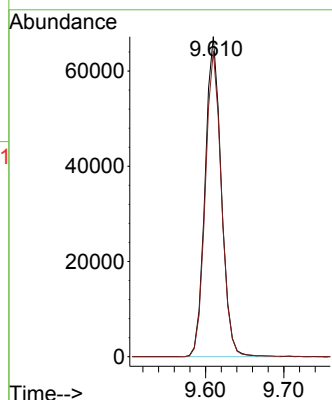
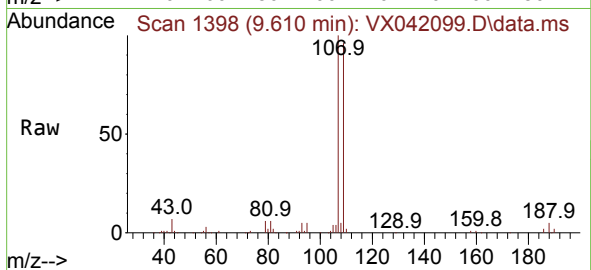
VSTDCCC050EC

Tgt Ion:107 Resp: 96114

Ion Ratio Lower Upper

107 100

109 95.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 48.136 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

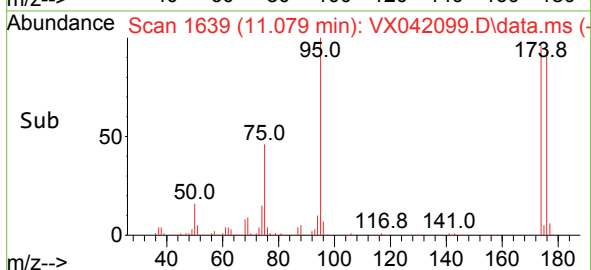
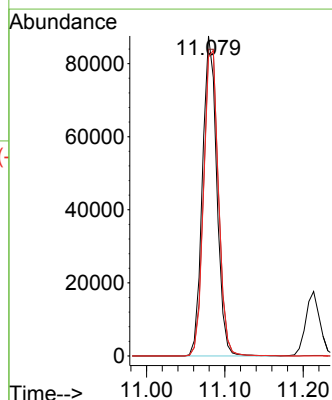
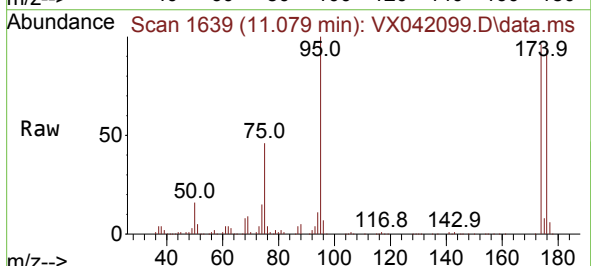
Tgt Ion: 95 Resp: 110983

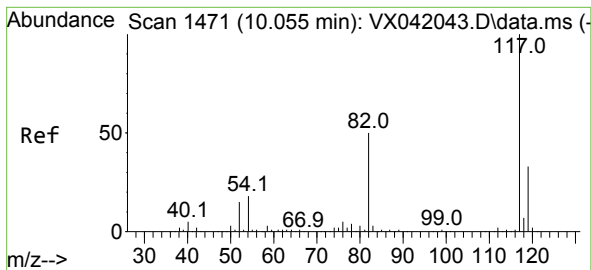
Ion Ratio Lower Upper

95 100

174 100.0 0.0 135.6

176 98.6 0.0 131.0

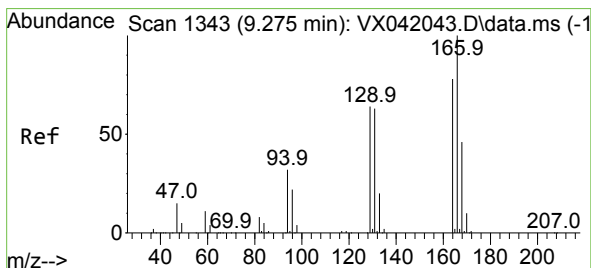
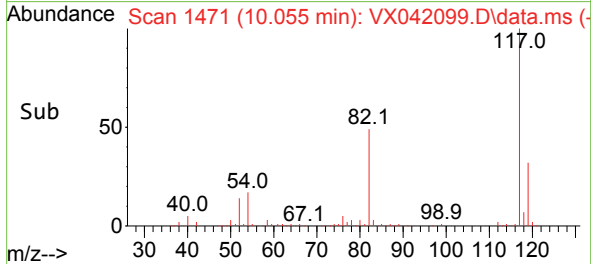
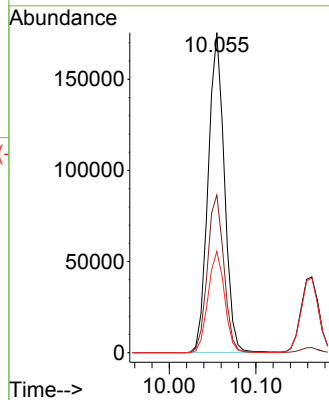
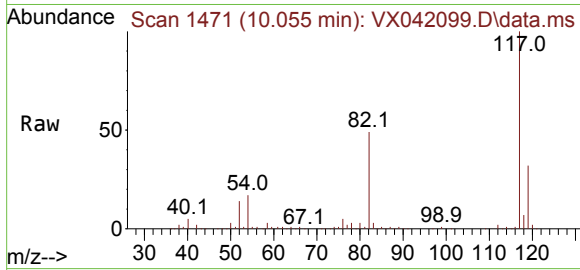




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

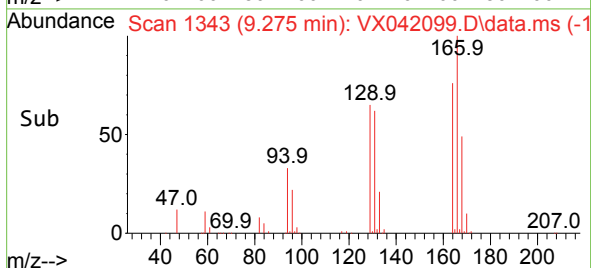
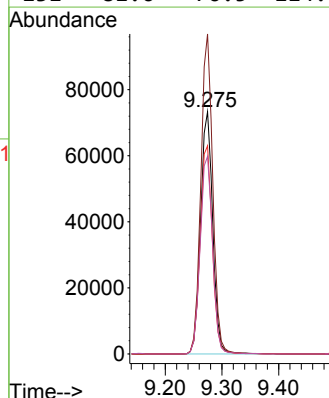
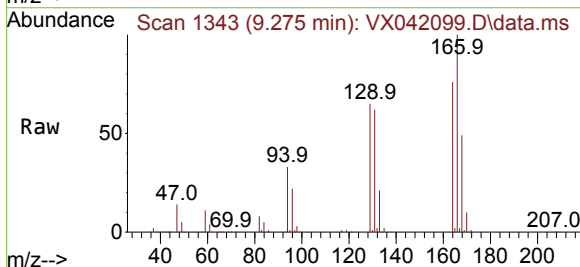
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

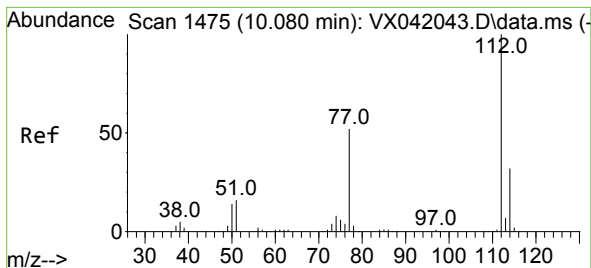
|             |              |
|-------------|--------------|
| Tgt Ion:117 | Resp: 228998 |
| Ion Ratio   | Lower Upper  |
| 117 100     |              |
| 82 49.3     | 46.2 69.4    |
| 119 31.7    | 25.5 38.3    |



#64  
Tetrachloroethene  
Concen: 65.464 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:164 | Resp: | 109149 |
| Ion | Ratio   | Lower | Upper  |
| 164 | 100     |       |        |
| 166 | 132.1   | 102.7 | 154.1  |
| 129 | 86.0    | 80.4  | 120.6  |
| 131 | 81.6    | 76.5  | 114.7  |

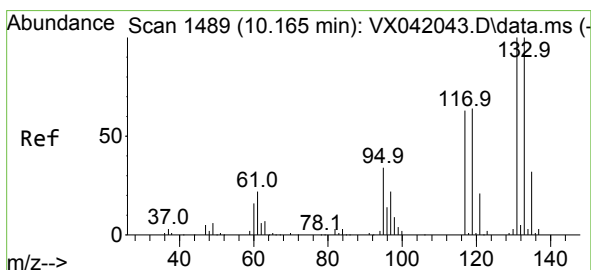
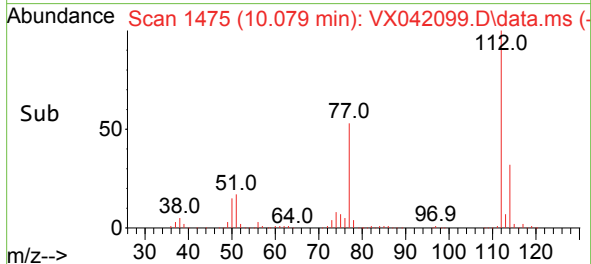
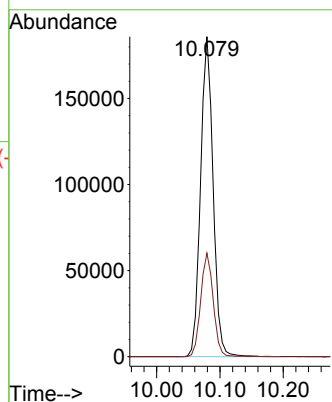
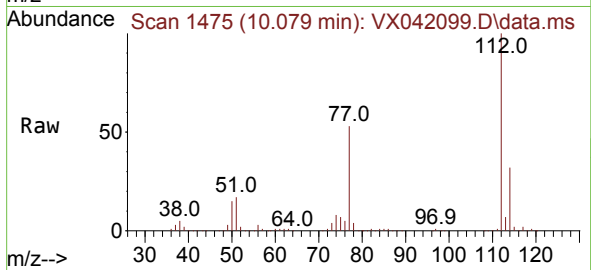




#65  
Chlorobenzene  
Concen: 53.871 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

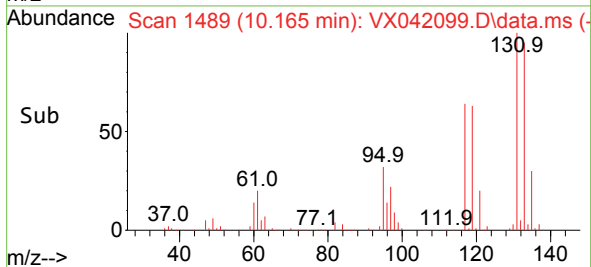
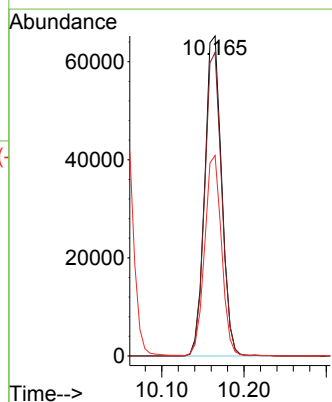
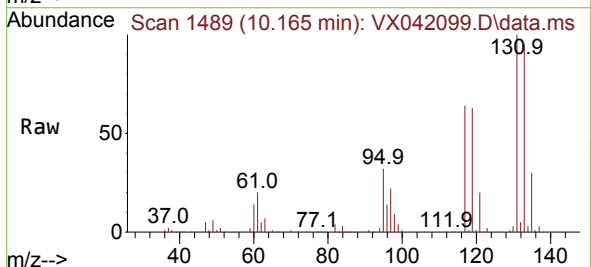
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

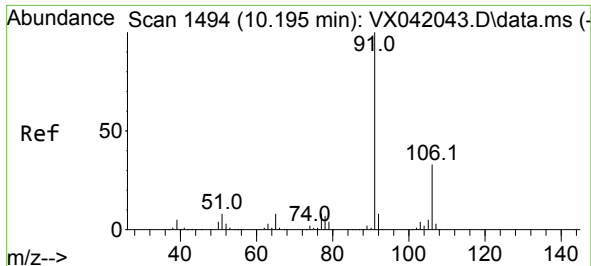
Tgt Ion:112 Resp: 256565  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.895 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion:131 Resp: 93202  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.1 141.4  
119 62.2 32.2 96.6

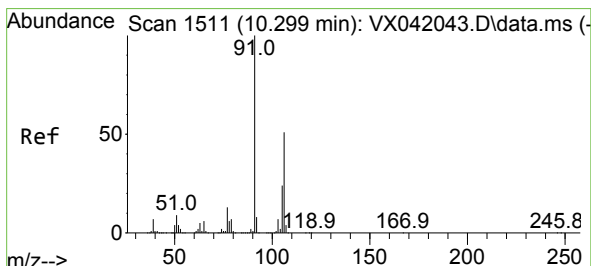
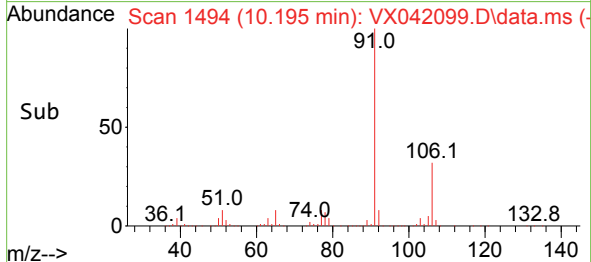
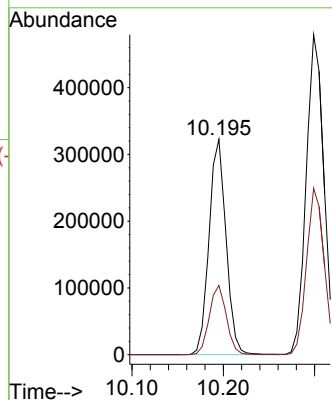
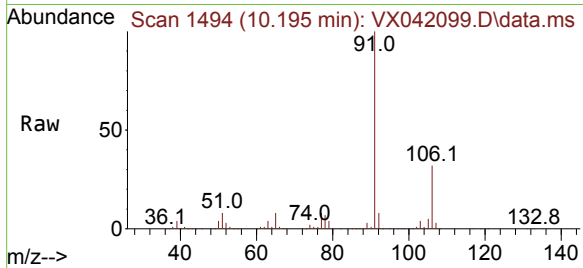




#67  
Ethyl Benzene  
Concen: 55.845 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

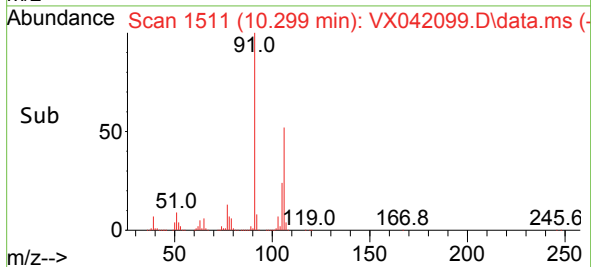
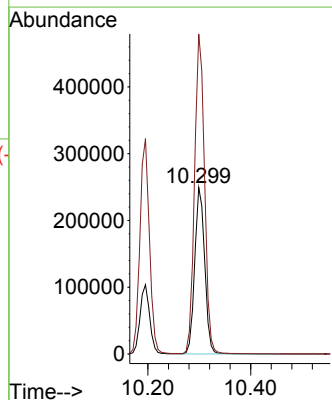
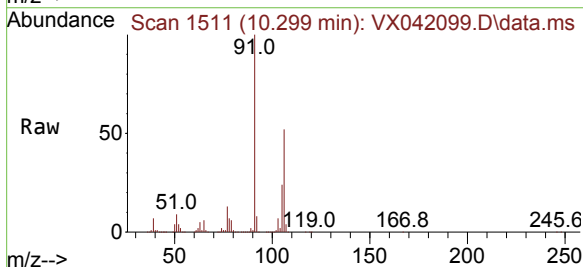
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

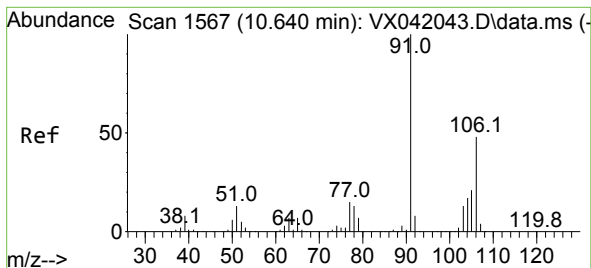
Tgt Ion: 91 Resp: 416811  
Ion Ratio Lower Upper  
91 100  
106 32.2 24.9 37.3



#68  
m/p-Xylenes  
Concen: 111.842 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 106 Resp: 336970  
Ion Ratio Lower Upper  
106 100  
91 192.6 165.5 248.3





#69

o-Xylene

Concen: 56.039 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

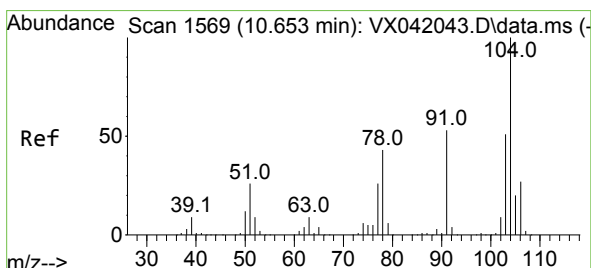
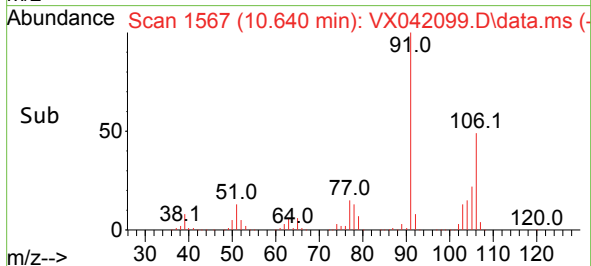
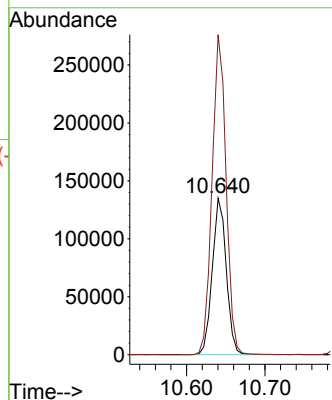
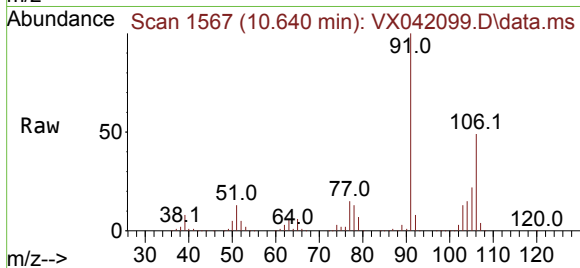
VSTDCCC050EC

Tgt Ion:106 Resp: 167161

Ion Ratio Lower Upper

106 100

91 205.0 108.9 326.8



#70

Styrene

Concen: 56.769 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

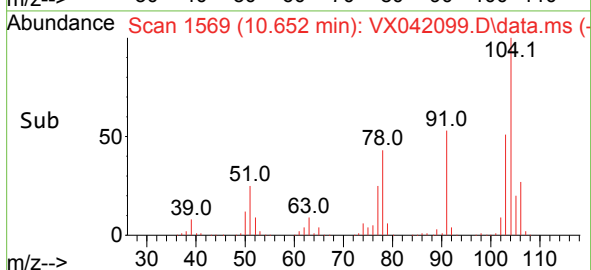
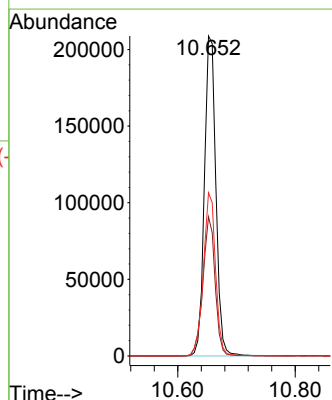
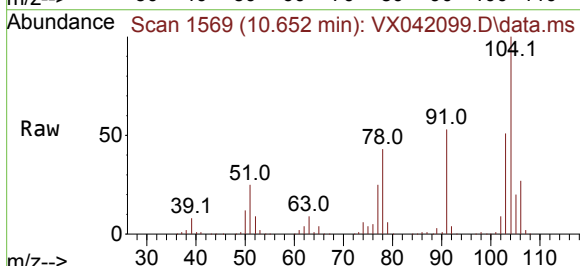
Tgt Ion:104 Resp: 283959

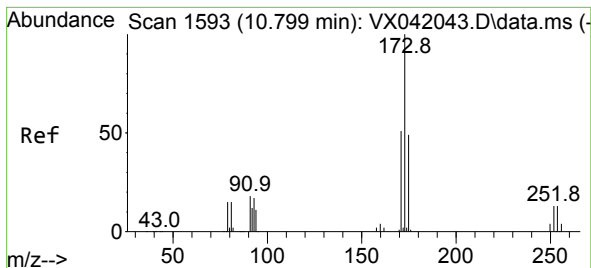
Ion Ratio Lower Upper

104 100

78 46.2 43.6 65.4

103 54.4 43.6 65.4





#71

Bromoform

Concen: 52.730 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

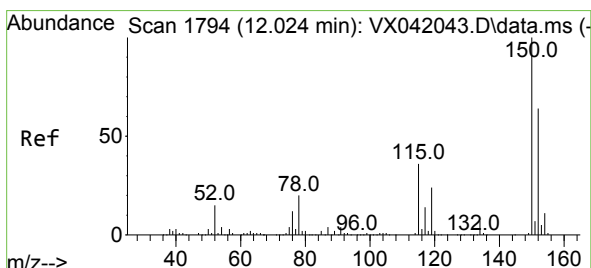
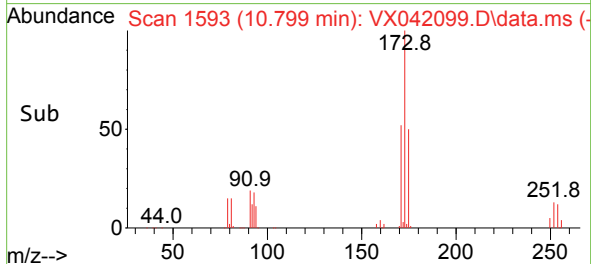
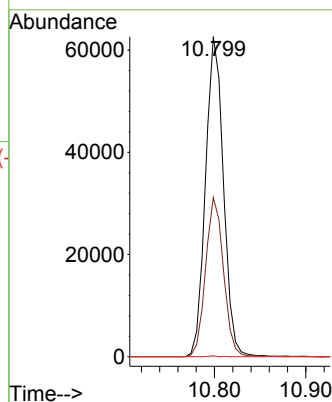
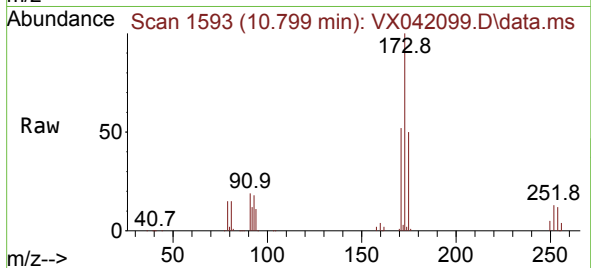
Tgt Ion:173 Resp: 85118

Ion Ratio Lower Upper

173 100

175 49.6 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: VX042099.D

Acq: 28 Jun 2024 20:32

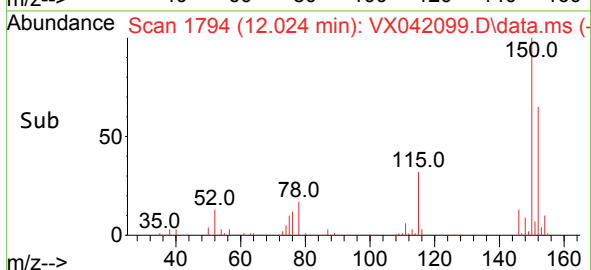
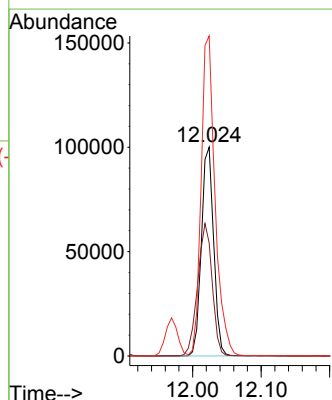
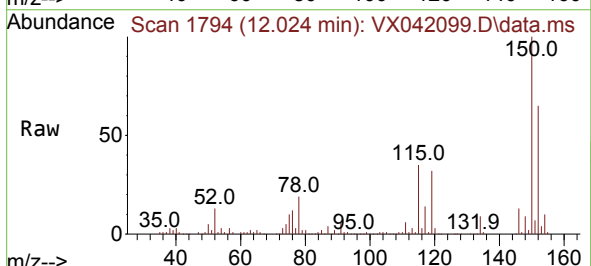
Tgt Ion:152 Resp: 125023

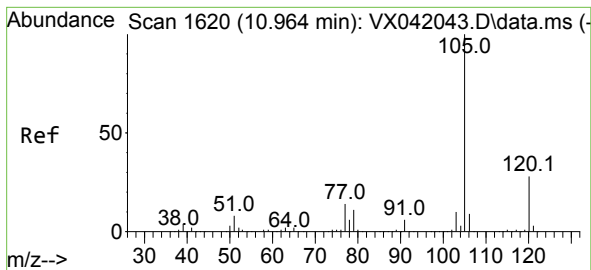
Ion Ratio Lower Upper

152 100

115 75.2 43.3 129.9

150 173.9 0.0 345.0





#73

Isopropylbenzene

Concen: 56.152 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

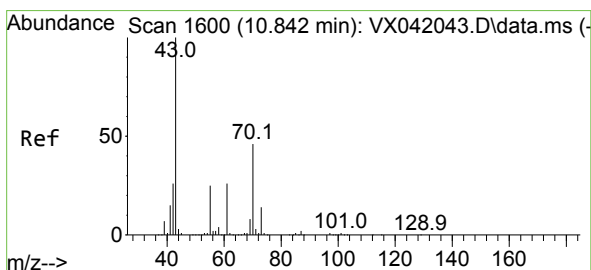
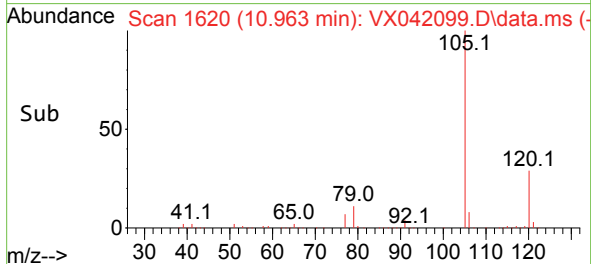
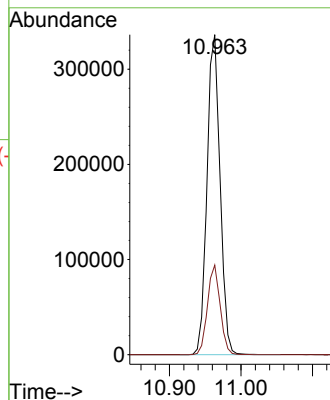
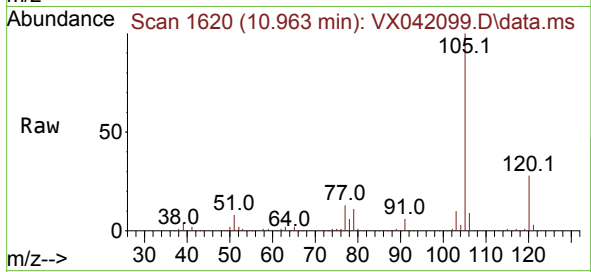
VSTDCCC050EC

Tgt Ion:105 Resp: 426859

Ion Ratio Lower Upper

105 100

120 27.3 12.9 38.6



#74

N-ethyl acetate

Concen: 52.505 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Tgt Ion: 43 Resp: 177296

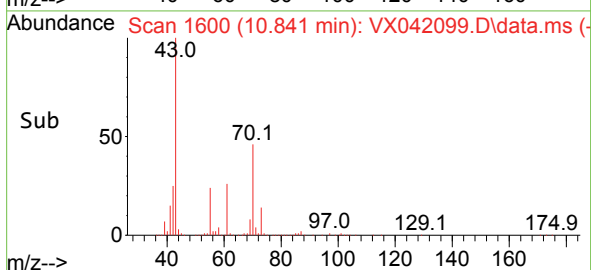
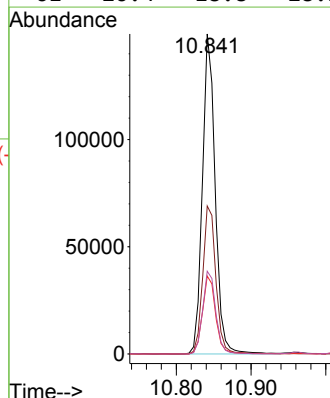
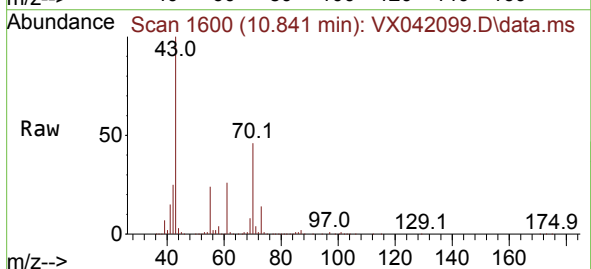
Ion Ratio Lower Upper

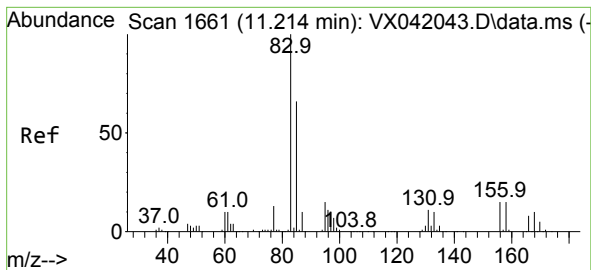
43 100

70 47.9 32.9 49.3

55 25.2 19.3 28.9

61 26.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.257 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

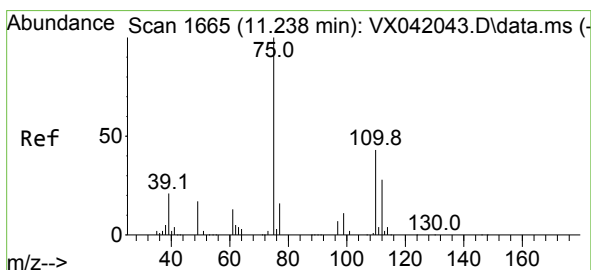
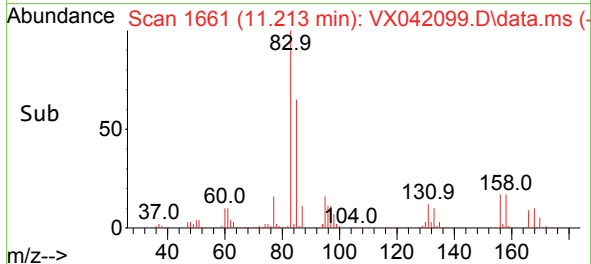
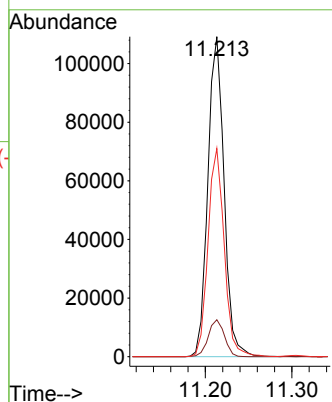
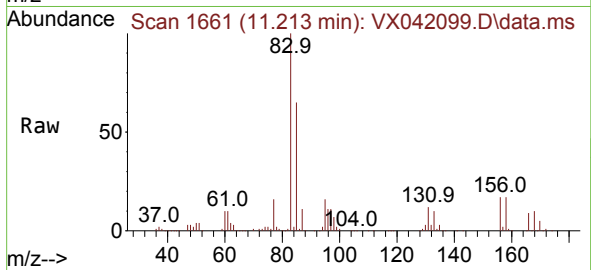
Tgt Ion: 83 Resp: 142055

Ion Ratio Lower Upper

83 100

131 11.5 5.3 15.8

85 65.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 67.191 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042099.D

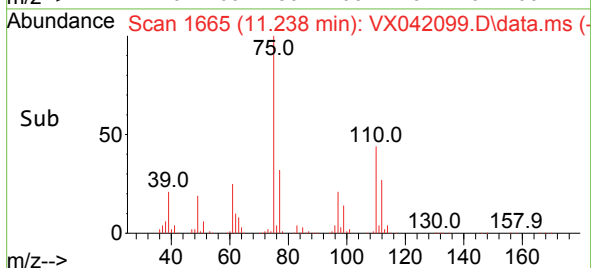
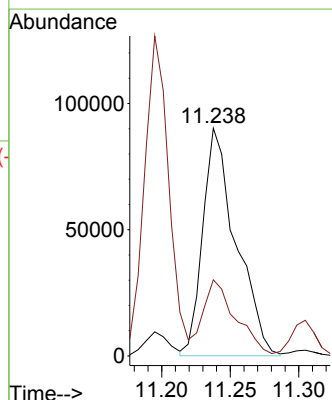
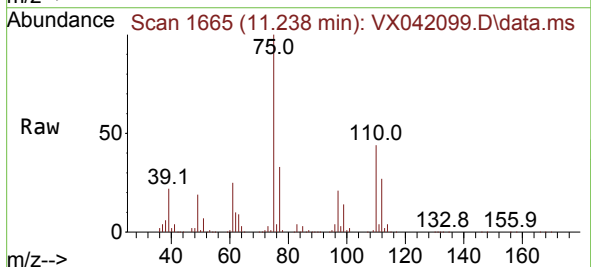
Acq: 28 Jun 2024 20:32

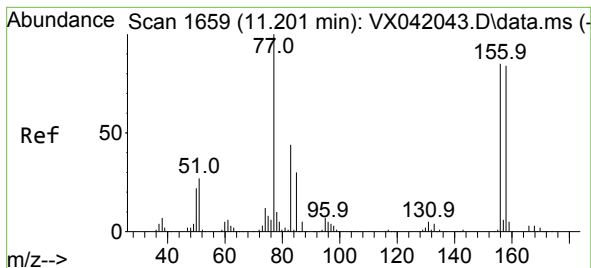
Tgt Ion: 75 Resp: 152501

Ion Ratio Lower Upper

75 100

77 33.0 19.1 57.5





#77

Bromobenzene

Concen: 54.005 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

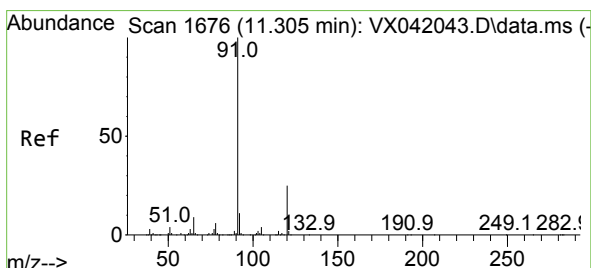
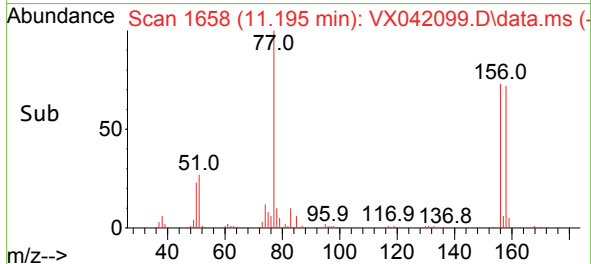
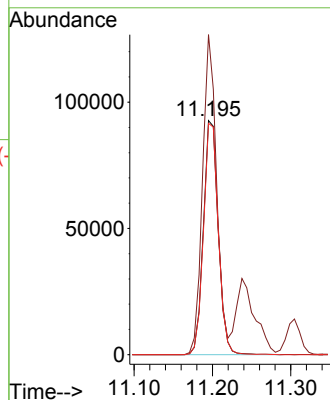
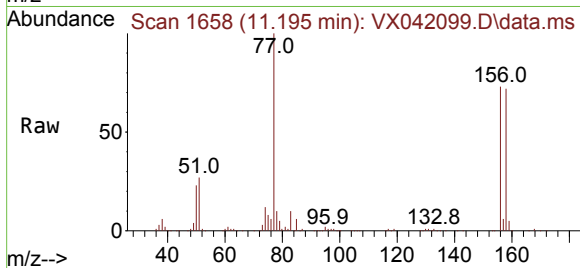
Tgt Ion:156 Resp: 122269

Ion Ratio Lower Upper

156 100

77 128.8 88.4 265.3

158 98.6 48.0 144.0



#78

n-propylbenzene

Concen: 55.567 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX042099.D

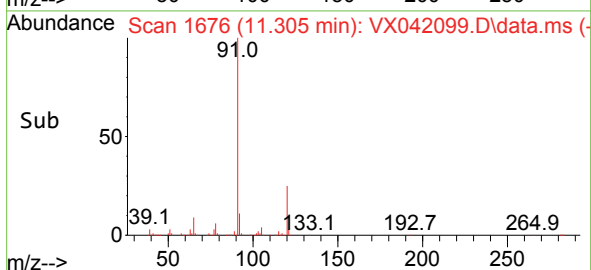
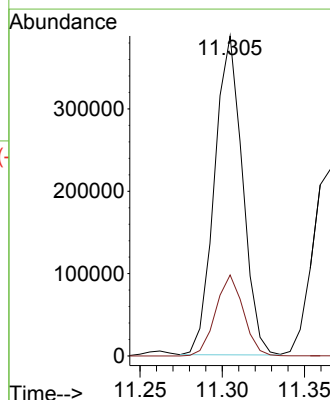
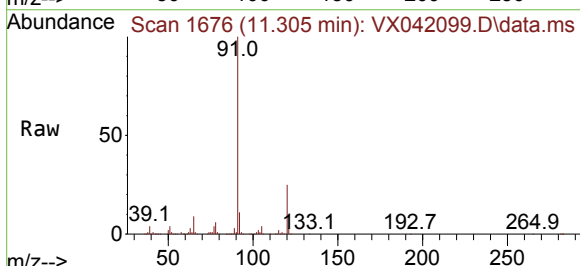
Acq: 28 Jun 2024 20:32

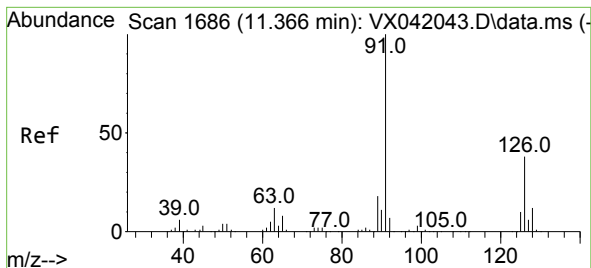
Tgt Ion: 91 Resp: 458327

Ion Ratio Lower Upper

91 100

120 25.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.821 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

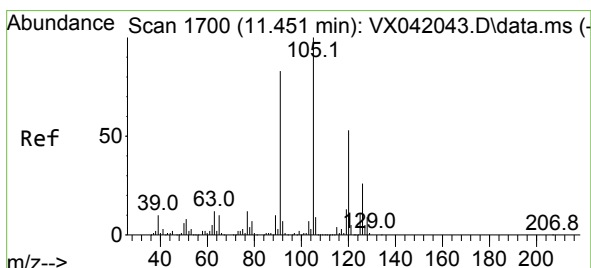
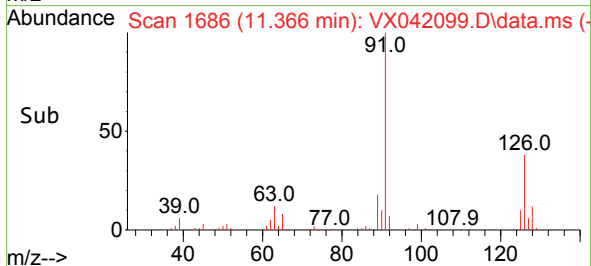
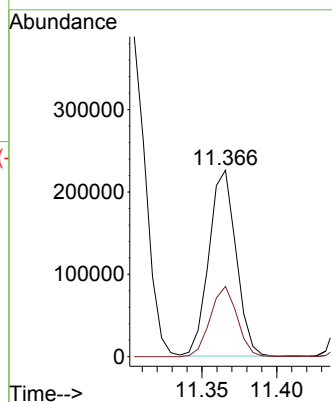
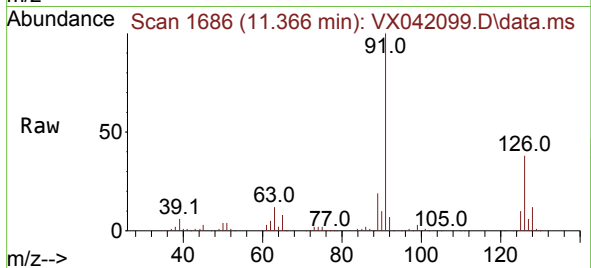
VSTDCCC050EC

Tgt Ion: 91 Resp: 286018

Ion Ratio Lower Upper

91 100

126 37.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 55.959 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042099.D

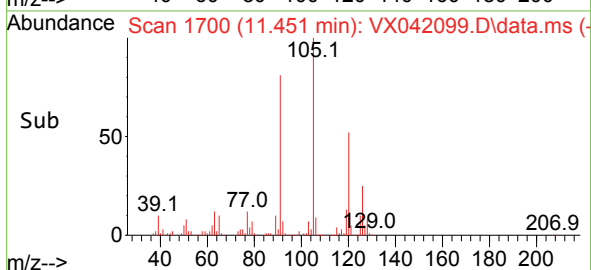
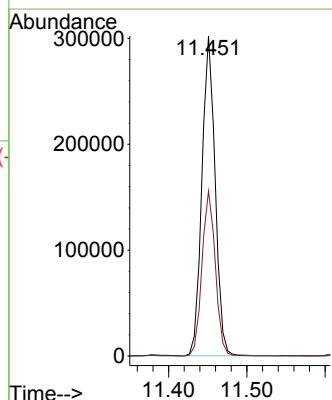
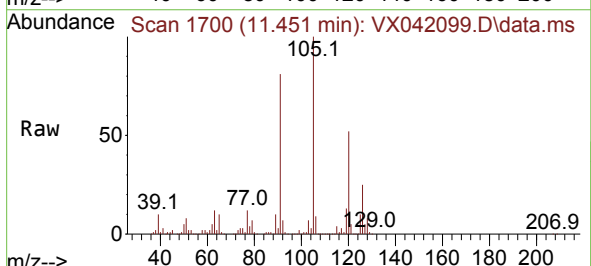
Acq: 28 Jun 2024 20:32

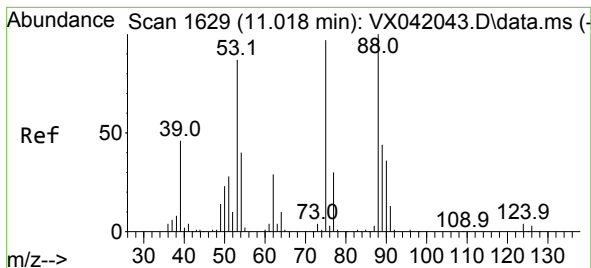
Tgt Ion: 105 Resp: 354320

Ion Ratio Lower Upper

105 100

120 51.9 24.1 72.3

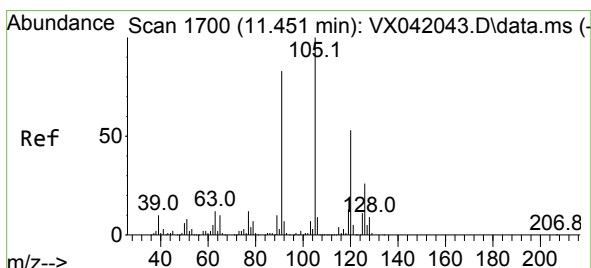
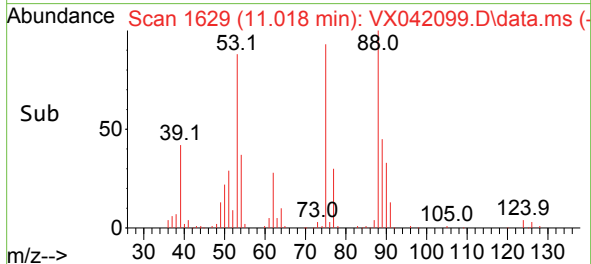
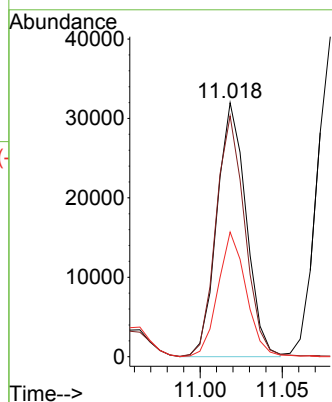
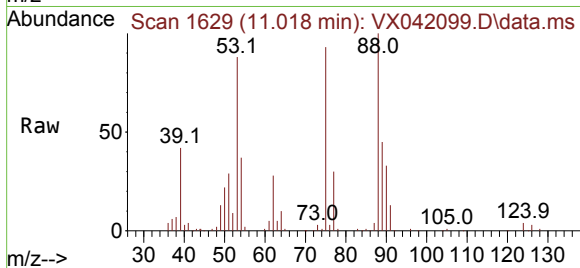




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.487 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

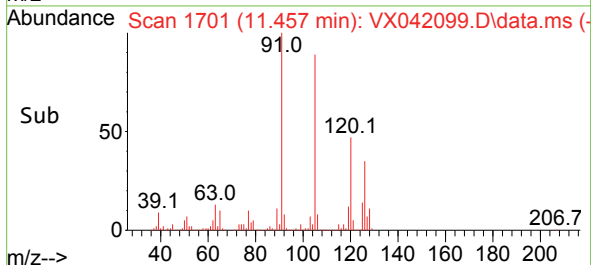
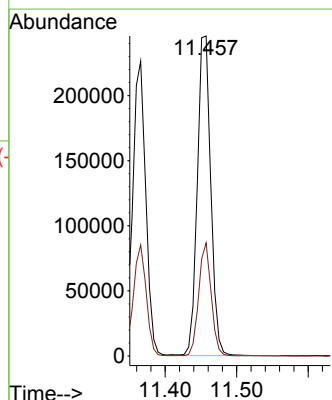
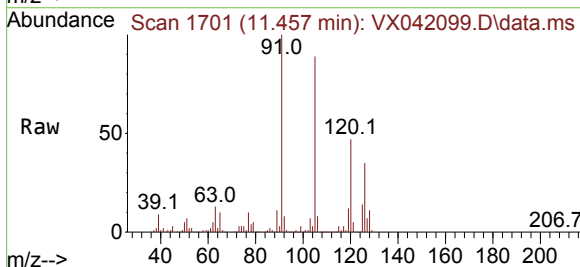
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

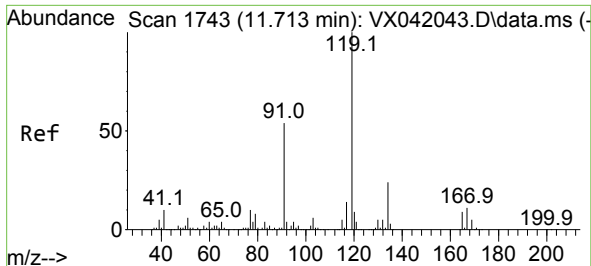
Tgt Ion: 75 Resp: 39550  
Ion Ratio Lower Upper  
75 100  
53 94.0 90.5 135.7  
89 47.4 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 54.470 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion: 91 Resp: 319995  
Ion Ratio Lower Upper  
91 100  
126 33.1 14.2 42.6

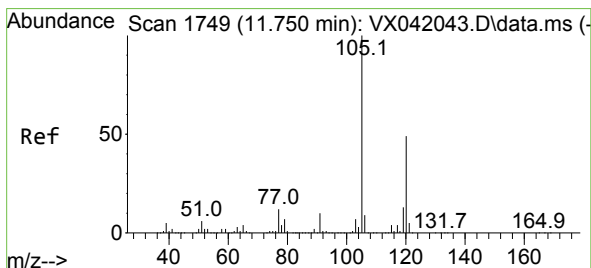
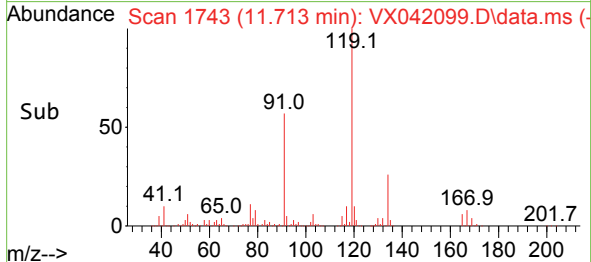
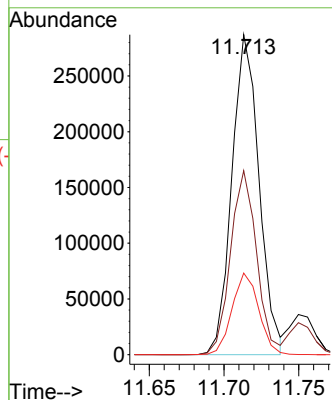
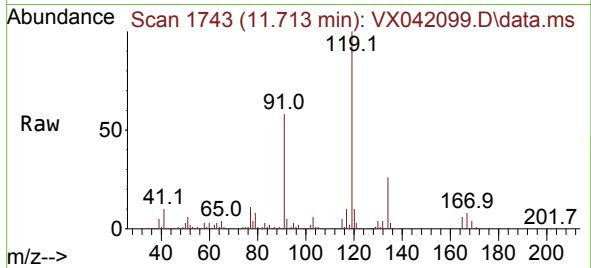




#83  
tert-Butylbenzene  
Concen: 52.240 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

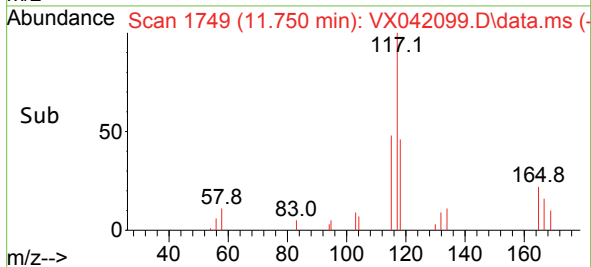
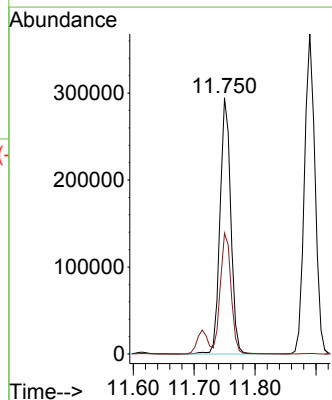
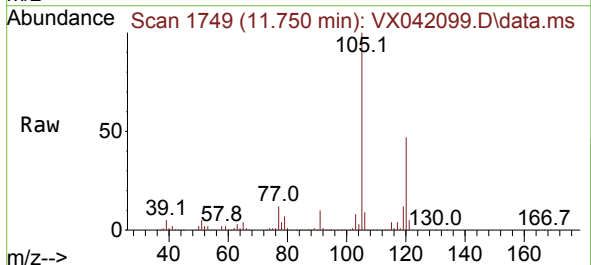
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

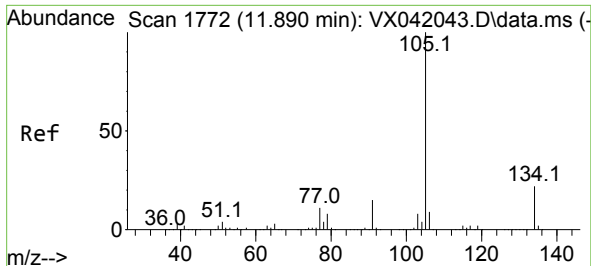
Tgt Ion:119 Resp: 362945  
Ion Ratio Lower Upper  
119 100  
91 55.2 31.2 93.6  
134 25.1 11.7 35.0



#84  
1,2,4-Trimethylbenzene  
Concen: 56.685 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

Tgt Ion:105 Resp: 360090  
Ion Ratio Lower Upper  
105 100  
120 46.8 21.2 63.6

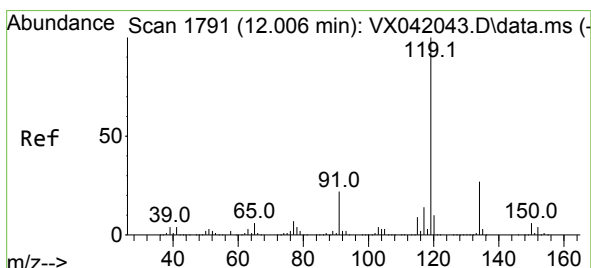
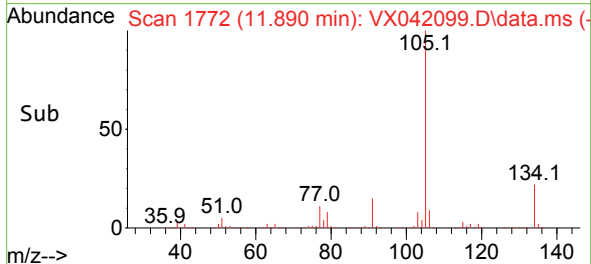
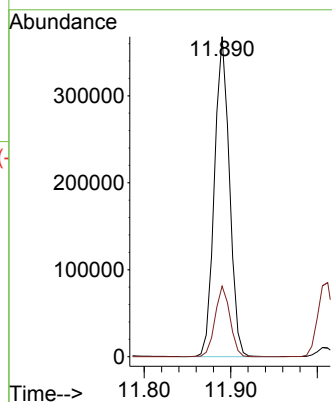
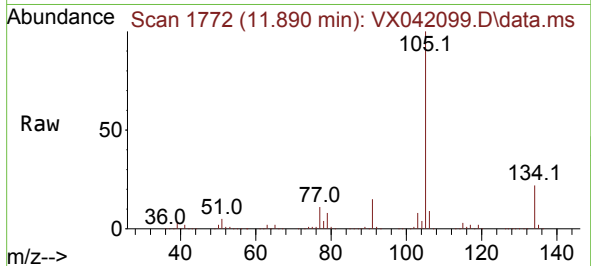




#85  
 sec-Butylbenzene  
 Concen: 56.343 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX042099.D  
 Acq: 28 Jun 2024 20:32

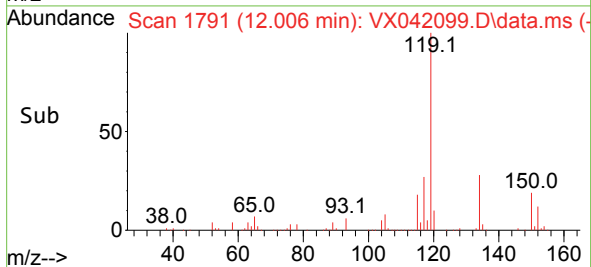
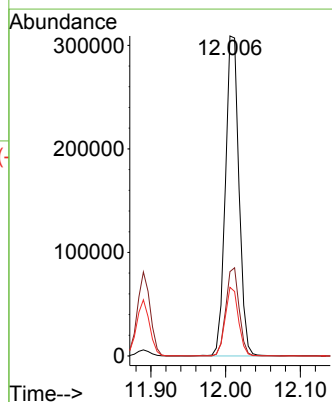
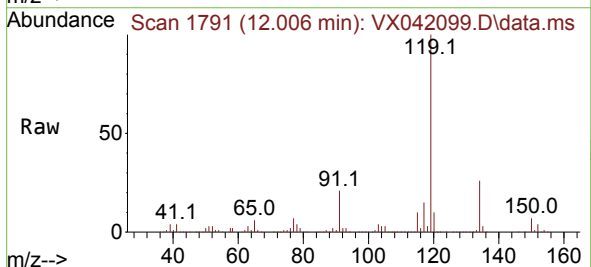
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

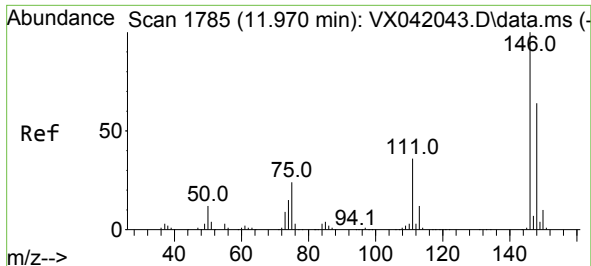
Tgt Ion:105 Resp: 442767  
 Ion Ratio Lower Upper  
 105 100  
 134 22.0 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 56.894 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX042099.D  
 Acq: 28 Jun 2024 20:32

Tgt Ion:119 Resp: 390552  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 12.8 38.3  
 91 21.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 54.567 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

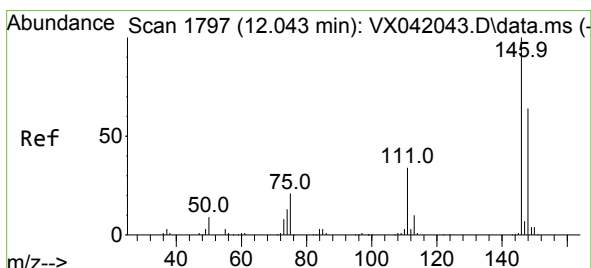
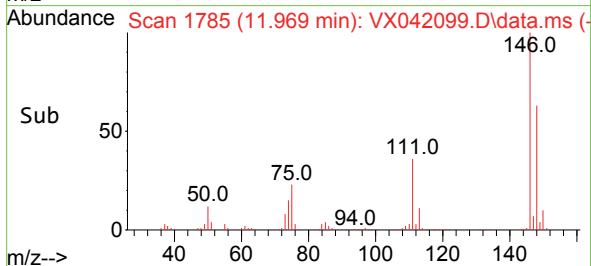
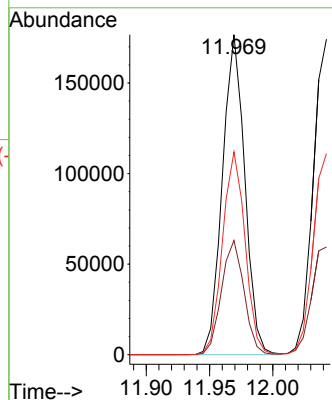
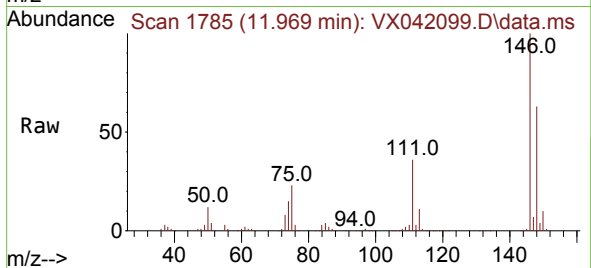
Tgt Ion:146 Resp: 217151

Ion Ratio Lower Upper

146 100

111 36.1 22.1 66.1

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 52.811 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

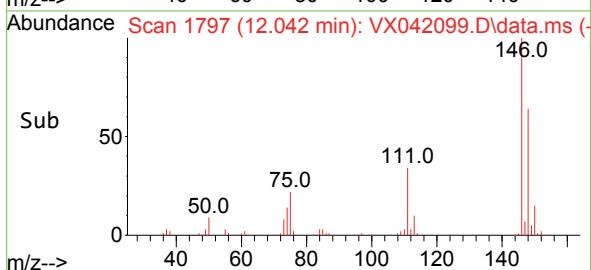
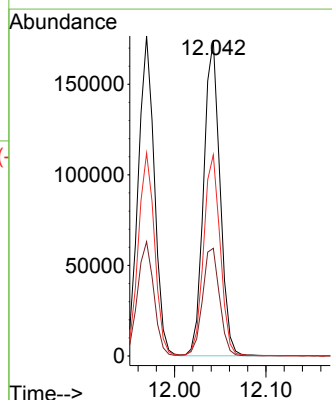
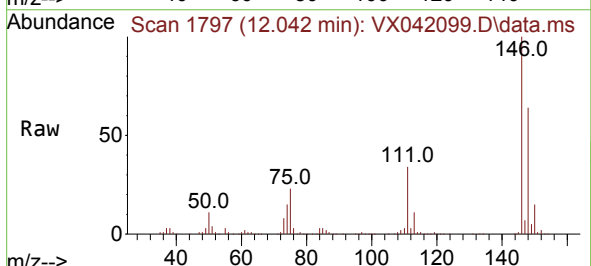
Tgt Ion:146 Resp: 215631

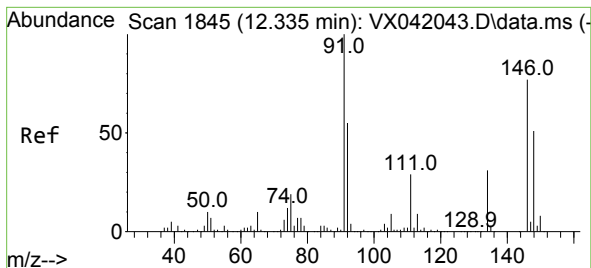
Ion Ratio Lower Upper

146 100

111 35.8 21.3 63.7

148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 55.755 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

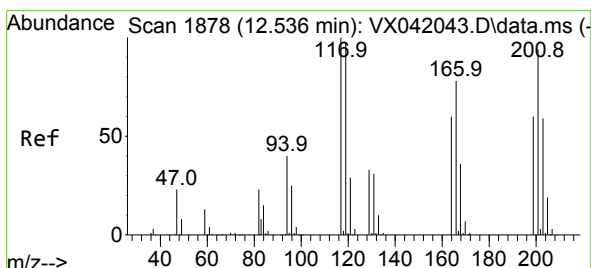
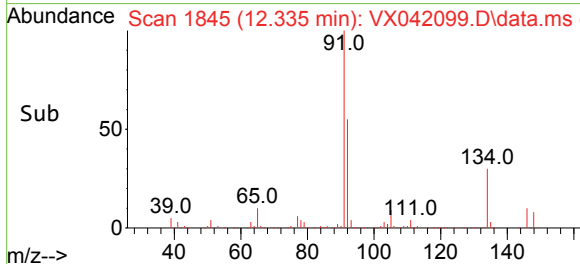
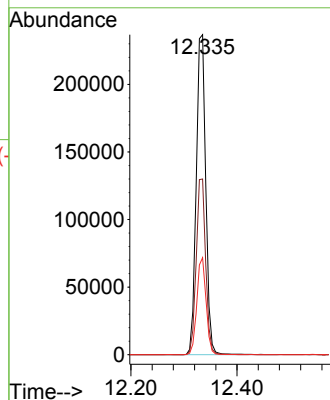
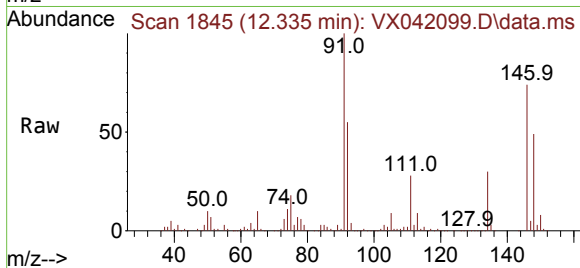
Tgt Ion: 91 Resp: 294620

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.0

134 29.5 12.6 37.8



#90

Hexachloroethane

Concen: 55.700 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX042099.D

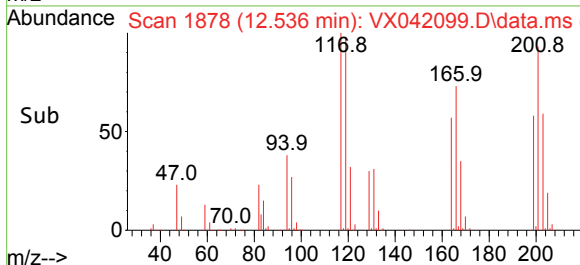
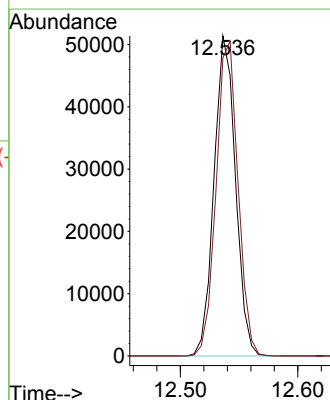
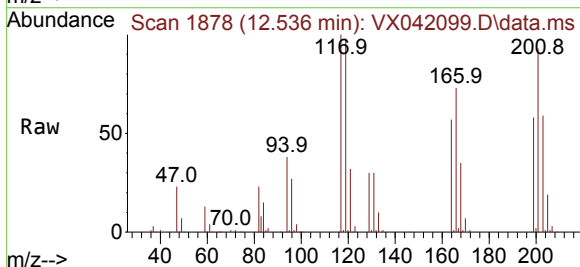
Acq: 28 Jun 2024 20:32

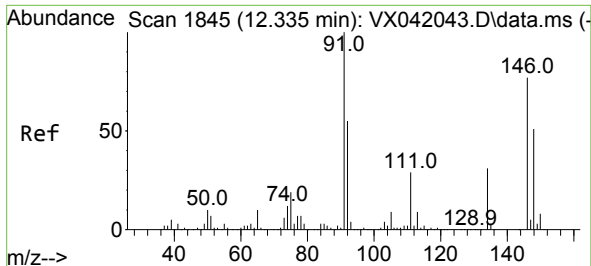
Tgt Ion: 117 Resp: 65097

Ion Ratio Lower Upper

117 100

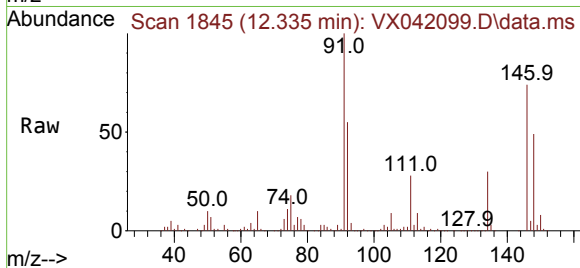
201 100.5 32.9 98.6#



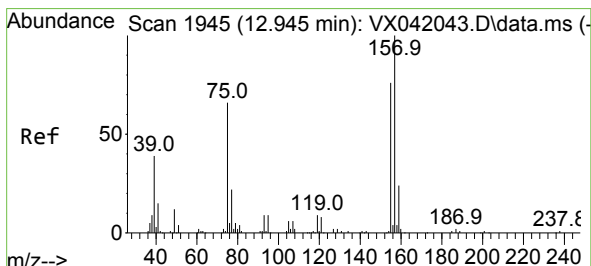
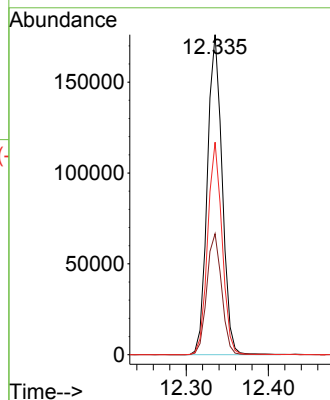
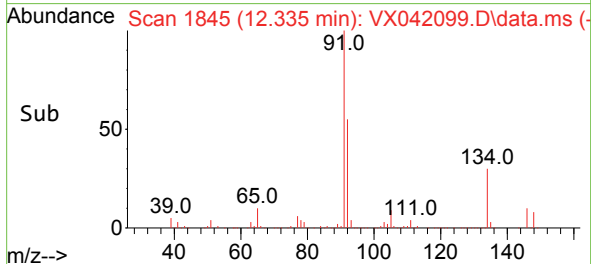


#91  
1,2-Dichlorobenzene  
Concen: 54.020 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32

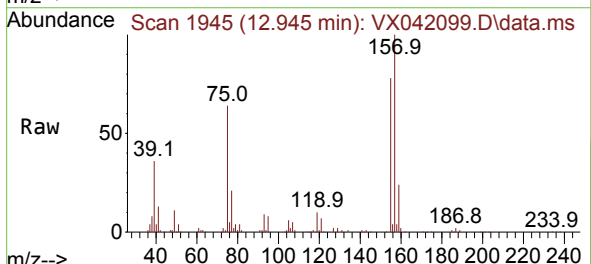
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



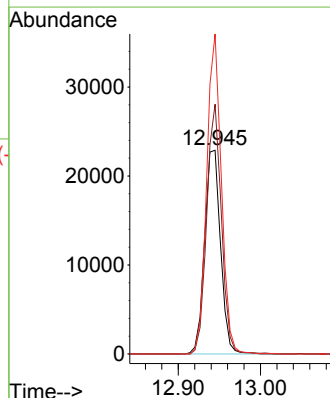
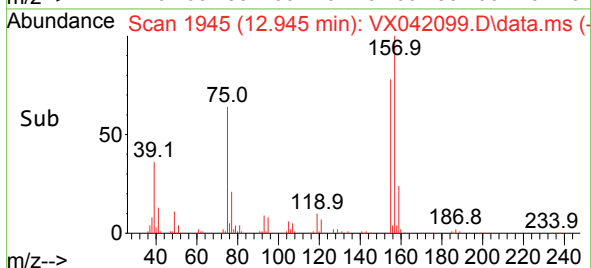
Tgt Ion:146 Resp: 219975  
Ion Ratio Lower Upper  
146 100  
111 37.7 22.4 67.0  
148 64.7 31.6 95.0

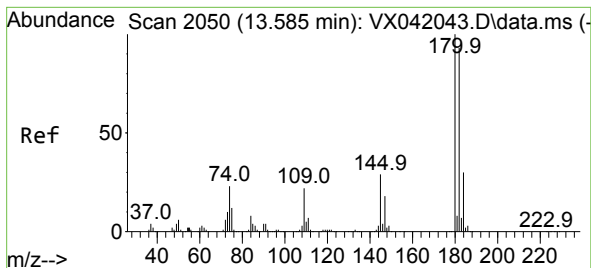


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 55.205 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX042099.D  
Acq: 28 Jun 2024 20:32



Tgt Ion: 75 Resp: 30923  
Ion Ratio Lower Upper  
75 100  
155 112.9 36.1 108.5#  
157 143.9 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 54.878 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

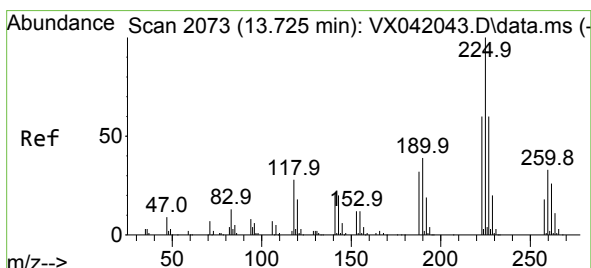
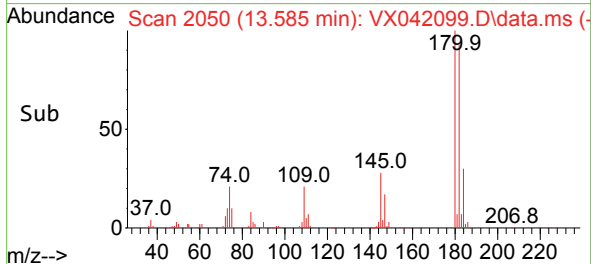
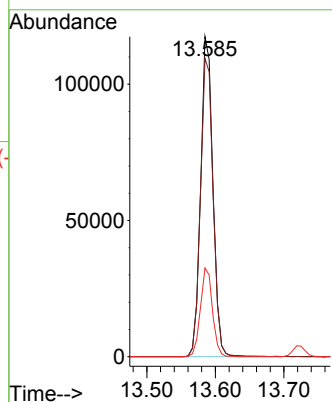
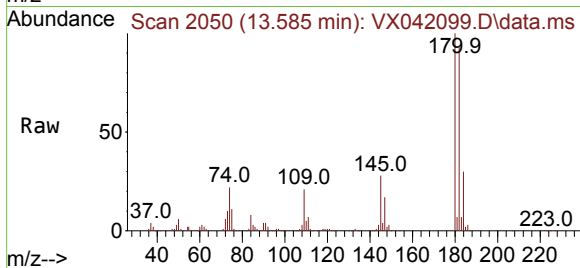
Tgt Ion:180 Resp: 146391

Ion Ratio Lower Upper

180 100

182 95.8 48.3 144.8

145 27.3 18.0 54.0



#94

Hexachlorobutadiene

Concen: 54.188 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

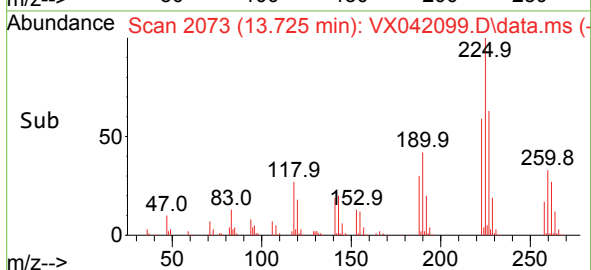
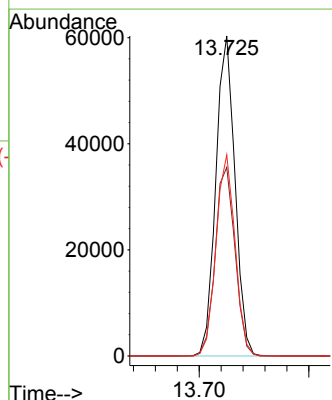
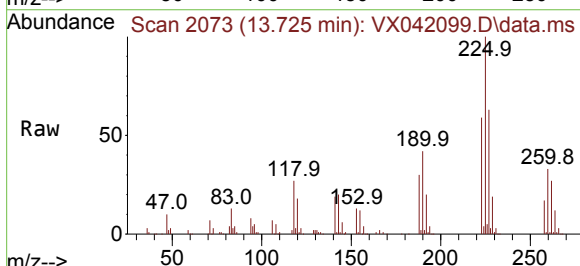
Tgt Ion:225 Resp: 73095

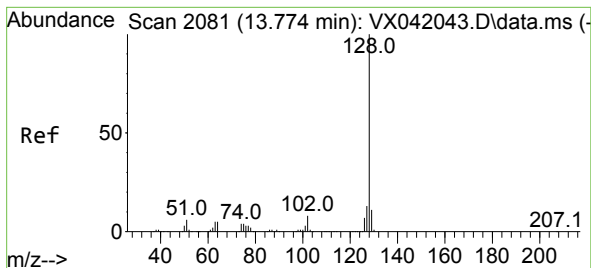
Ion Ratio Lower Upper

225 100

223 60.9 31.1 93.2

227 62.7 32.5 97.5





#95

Naphthalene

Concen: 51.035 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

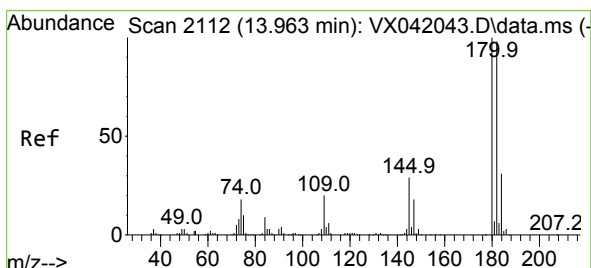
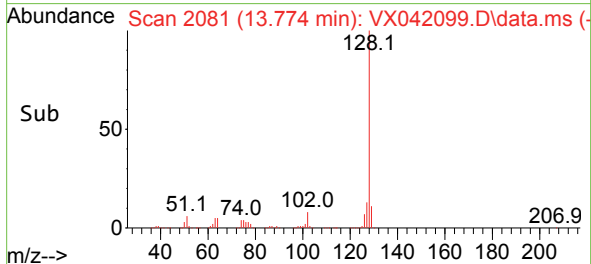
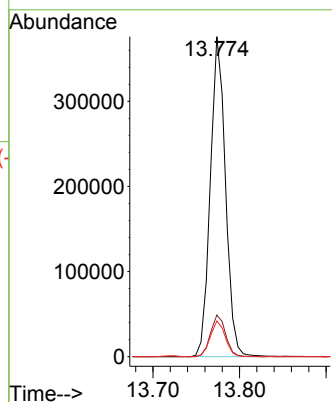
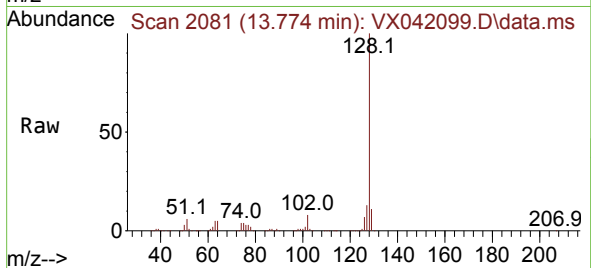
Tgt Ion:128 Resp: 457595

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 54.801 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX042099.D

Acq: 28 Jun 2024 20:32

Tgt Ion:180 Resp: 154176

Ion Ratio Lower Upper

180 100

182 95.5 46.9 140.6

145 29.1 17.8 53.5

