

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062124\  
 Data File : VX041992.D  
 Acq On : 21 Jun 2024 20:19  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 22 05:53:51 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        | 5.556          | 168  | 173804     | 50.000  | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 249406     | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 232231     | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 124413     | 50.000  | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |            |         |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 91712      | 45.760  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 91.520% |       |          |
| 35) Dibromofluoromethane     | 5.391          | 113  | 84072      | 47.507  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 95.020% |       |          |
| 50) Toluene-d8               | 8.647          | 98   | 292451     | 47.041  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 94.080% |       |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 110106     | 48.045  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 96.100% |       |          |
| Target Compounds             |                |      |            |         |       |          |
|                              |                |      |            |         |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 62039      | 46.854  | ug/l  | 97       |
| 3) Chloromethane             | 1.307          | 50   | 72614      | 43.713  | ug/l  | 100      |
| 4) Vinyl Chloride            | 1.374          | 62   | 76027      | 45.658  | ug/l  | 99       |
| 5) Bromomethane              | 1.593          | 94   | 35679      | 43.392  | ug/l  | 98       |
| 6) Chloroethane              | 1.666          | 64   | 40932      | 59.734  | ug/l  | 96       |
| 7) Trichlorofluoromethane    | 1.867          | 101  | 117557     | 53.886  | ug/l  | 99       |
| 8) Diethyl Ether             | 2.136          | 74   | 49772      | 48.602  | ug/l  | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 2.312          | 101  | 74424      | 49.523  | ug/l  | 88       |
| 10) Methyl Iodide            | 2.440          | 142  | 87975      | 47.099  | ug/l  | # 87     |
| 11) Tert butyl alcohol       | 3.001          | 59   | 94852      | 249.375 | ug/l  | # 93     |
| 12) 1,1-Dichloroethene       | 2.306          | 96   | 72607      | 48.435  | ug/l  | 83       |
| 13) Acrolein                 | 2.239          | 56   | 108510     | 254.500 | ug/l  | 99       |
| 14) Allyl chloride           | 2.660          | 41   | 109430     | 46.029  | ug/l  | 88       |
| 15) Acrylonitrile            | 3.074          | 53   | 268746     | 270.504 | ug/l  | 98       |
| 16) Acetone                  | 2.398          | 43   | 208806     | 237.269 | ug/l  | # 89     |
| 17) Carbon Disulfide         | 2.501          | 76   | 124291     | 40.663  | ug/l  | 97       |
| 18) Methyl Acetate           | 2.709          | 43   | 138763     | 57.801  | ug/l  | 97       |
| 19) Methyl tert-butyl Ether  | 3.123          | 73   | 253118     | 51.109  | ug/l  | 99       |
| 20) Methylene Chloride       | 2.782          | 84   | 87996      | 45.665  | ug/l  | 92       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 71911      | 47.266  | ug/l  | 84       |
| 22) Diisopropyl ether        | 3.769          | 45   | 259737     | 51.686  | ug/l  | # 83     |
| 23) Vinyl Acetate            | 3.727          | 43   | 1114128    | 259.602 | ug/l  | 95       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 143756     | 51.082  | ug/l  | 98       |
| 25) 2-Butanone               | 4.574          | 43   | 369719     | 270.041 | ug/l  | 93       |
| 26) 2,2-Dichloropropane      | 4.471          | 77   | 74394      | 36.505  | ug/l  | 90       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 94863      | 49.784  | ug/l  | 85       |
| 28) Bromochloromethane       | 4.903          | 49   | 57991      | 48.111  | ug/l  | # 78     |
| 29) Tetrahydrofuran          | 5.019          | 42   | 241518     | 273.141 | ug/l  | 96       |
| 30) Chloroform               | 5.092          | 83   | 149232     | 50.900  | ug/l  | 97       |
| 31) Cyclohexane              | 5.464          | 56   | 107695     | 45.948  | ug/l  | 95       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 125949     | 51.411  | ug/l  | 97       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 91667      | 48.779  | ug/l  | 96       |
| 37) Ethyl Acetate            | 4.727          | 43   | 135343     | 55.288  | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 5.672          | 117  | 106095     | 51.098  | ug/l  | 98       |
| 39) Methylcyclohexane        | 7.379          | 83   | 113019     | 47.555  | ug/l  | 93       |
| 40) Benzene                  | 6.037          | 78   | 319041     | 50.338  | ug/l  | 100      |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 22 05:53:51 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         | 4.928  | 41   | 73961    | 55.736   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 105662   | 51.757   | ug/l   | 91       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 196506   | 52.297   | ug/l   | 95       |
| 44) Trichloroethene           | 7.123  | 130  | 84765    | 49.895   | ug/l   | 88       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 82319    | 52.822   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 59117    | 52.063   | ug/l # | 78       |
| 47) Bromodichloromethane      | 7.824  | 83   | 110951   | 53.221   | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 98481    | 54.918   | ug/l   | 86       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 50339    | 1059.684 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 719548   | 277.998  | ug/l   | 95       |
| 52) Toluene                   | 8.720  | 92   | 207876   | 51.507   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 103999   | 47.280   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 116920   | 51.227   | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 90431    | 53.786   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 141444   | 54.077   | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 143595   | 52.864   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 345607   | 283.540  | ug/l   | 93       |
| 59) 2-Hexanone                | 9.433  | 43   | 556652   | 280.793  | ug/l   | 92       |
| 60) Dibromochloromethane      | 9.525  | 129  | 98881    | 54.143   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 92182    | 52.868   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 84306    | 49.860   | ug/l   | 92       |
| 65) Chlorobenzene             | 10.079 | 112  | 241353   | 49.971   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 88333    | 52.238   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 391347   | 51.703   | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 311467   | 101.938  | ug/l   | 91       |
| 69) o-Xylene                  | 10.640 | 106  | 155539   | 51.417   | ug/l   | 93       |
| 70) Styrene                   | 10.658 | 104  | 270694   | 53.364   | ug/l   | 93       |
| 71) Bromoform                 | 10.799 | 173  | 78594    | 48.269   | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 401800   | 53.114   | ug/l   | 96       |
| 74) N-amyl acetate            | 10.847 | 43   | 176138   | 52.418   | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 146017   | 51.912   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 153722   | 68.061   | ug/l   | 90       |
| 77) Bromobenzene              | 11.201 | 156  | 114828   | 50.967   | ug/l   | 79       |
| 78) n-propylbenzene           | 11.305 | 91   | 435088   | 53.008   | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 273423   | 51.703   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 335045   | 53.174   | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 37245    | 46.831   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 308090   | 52.701   | ug/l   | 92       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 364342   | 52.698   | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 336187   | 53.182   | ug/l   | 93       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 420849   | 53.817   | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 367193   | 53.753   | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 203184   | 51.308   | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 203473   | 50.077   | ug/l   | 95       |
| 89) n-Butylbenzene            | 12.335 | 91   | 278944   | 53.047   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 60473    | 51.997   | ug/l   | 61       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 213022   | 52.569   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 31060    | 55.721   | ug/l # | 51       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 136919   | 51.579   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 67560    | 50.331   | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 445159   | 49.908   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 146551   | 52.346   | ug/l   | 95       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jun 22 05:53:51 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

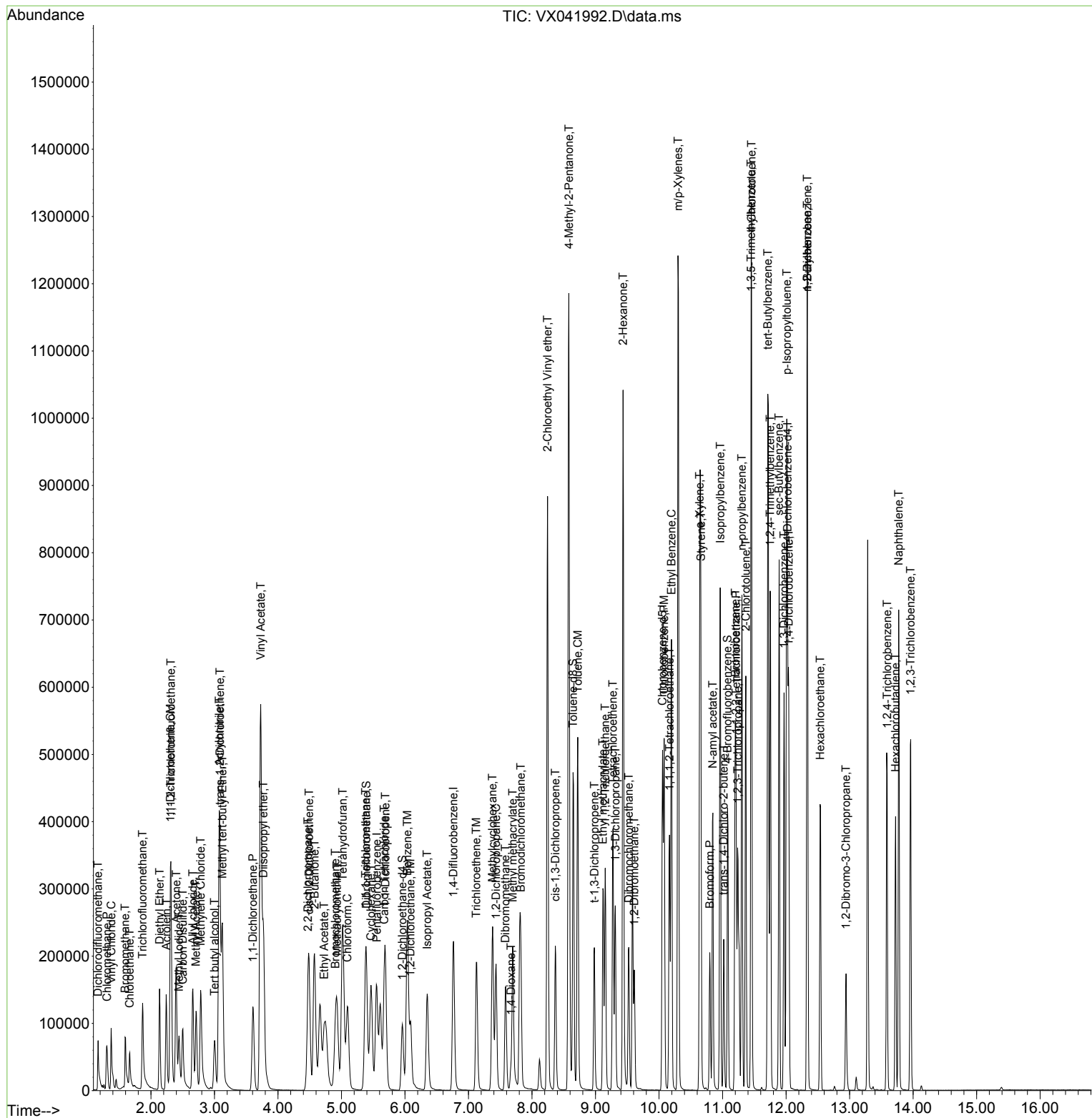
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

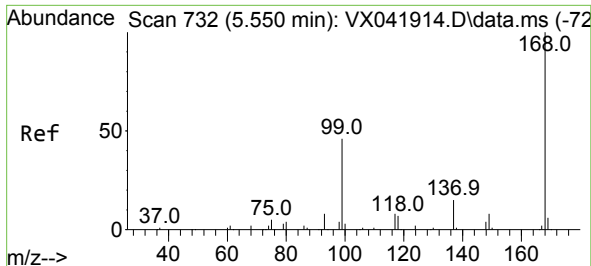
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062124\  
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

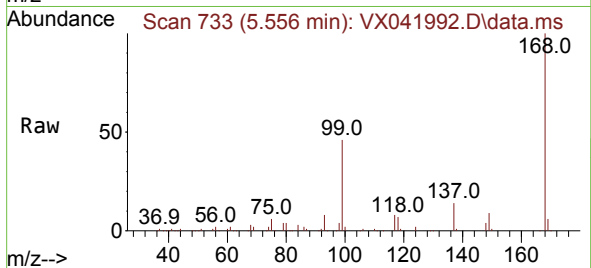
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 23:51:58 2024  
 Response via : Initial Calibration



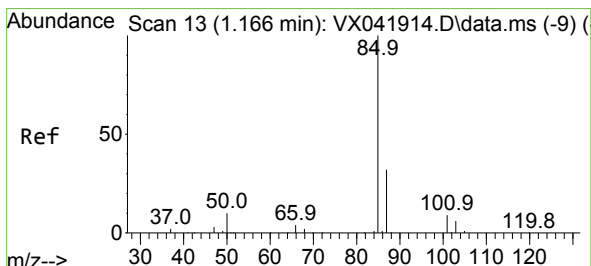
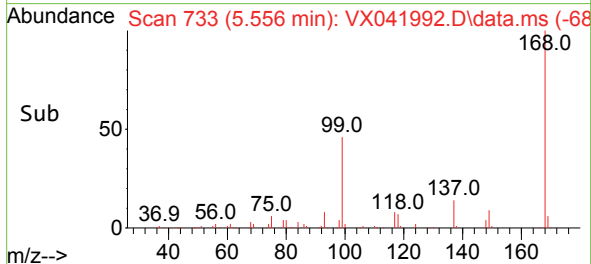
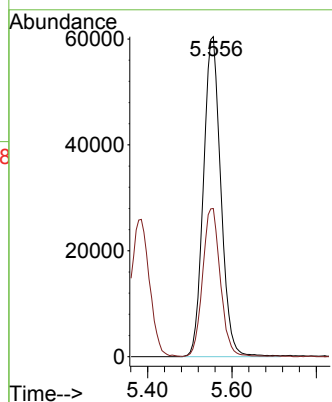


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Instrument :  
MSVOA\_X  
ClientSampleId :

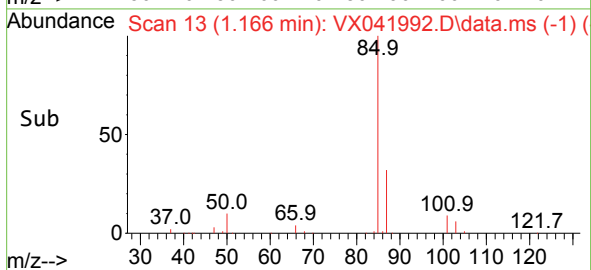
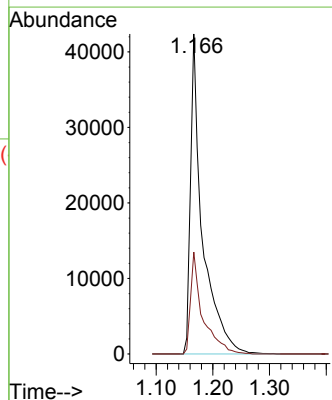
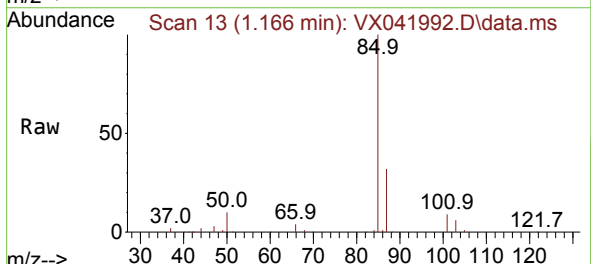


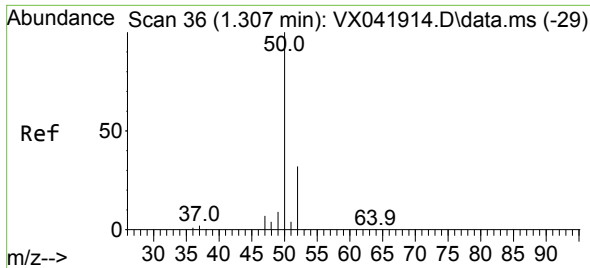
Tgt Ion:168 Resp: 173804  
Ion Ratio Lower Upper  
168 100  
99 46.1 56.6 85.0#



#2  
Dichlorodifluoromethane  
Concen: 46.854 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 85 Resp: 62039  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.7 50.1

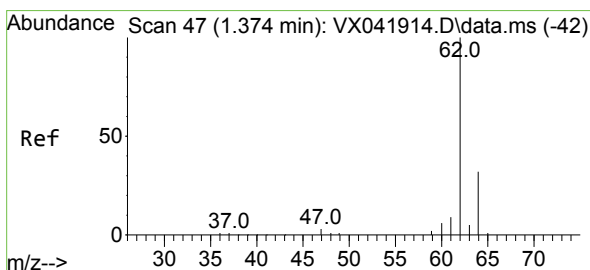
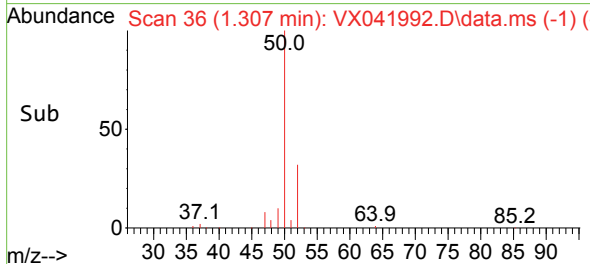
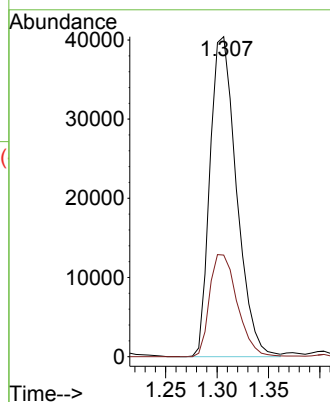
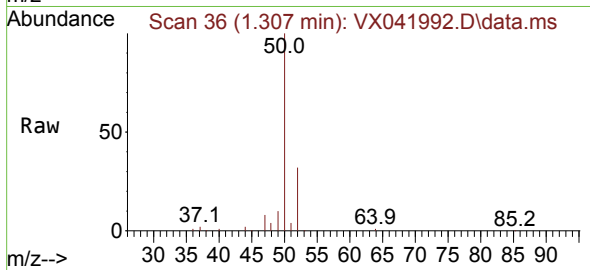




#3  
Chloromethane  
Concen: 43.713 ug/l  
RT: 1.307 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

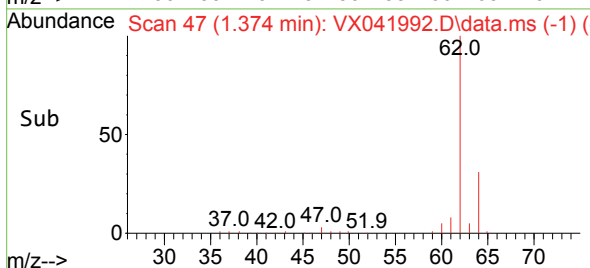
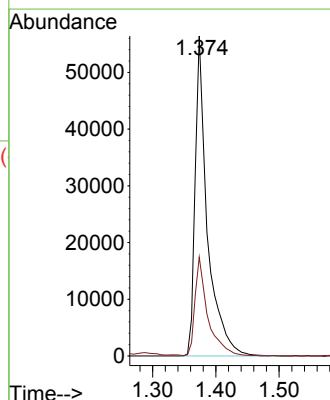
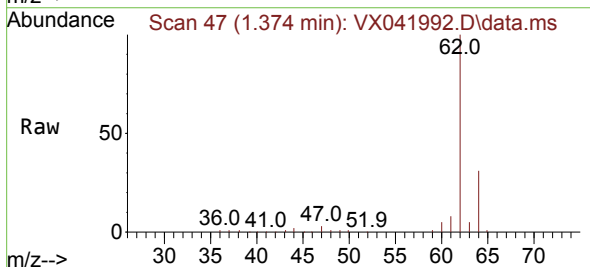
Instrument :  
MSVOA\_X  
ClientSampleId :

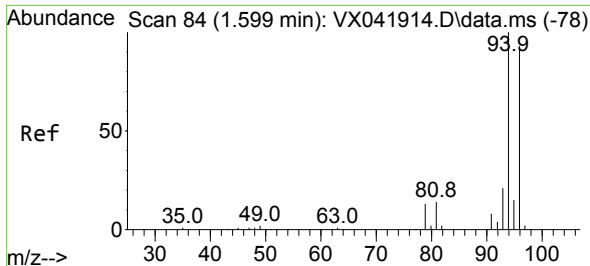
Tgt Ion: 50 Resp: 72614  
Ion Ratio Lower Upper  
50 100  
52 31.8 25.5 38.3



#4  
Vinyl Chloride  
Concen: 45.658 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 62 Resp: 76027  
Ion Ratio Lower Upper  
62 100  
64 30.9 25.4 38.0

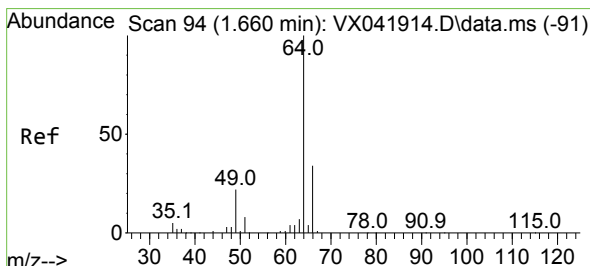
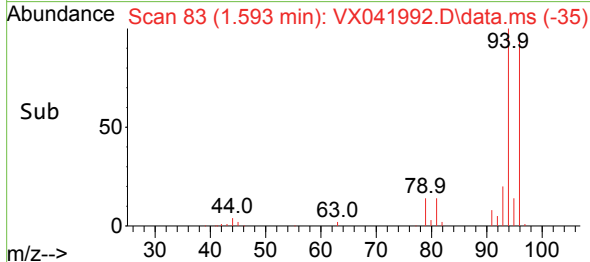
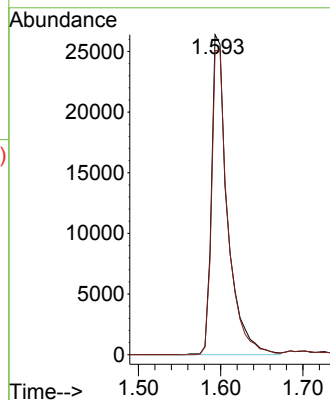
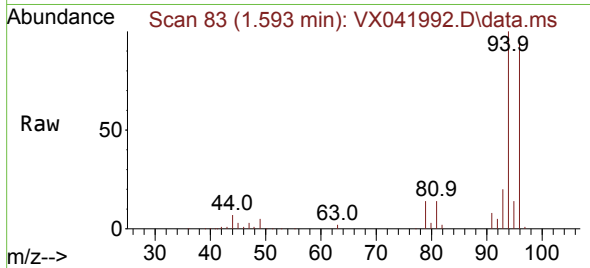




#5  
Bromomethane  
Concen: 43.392 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

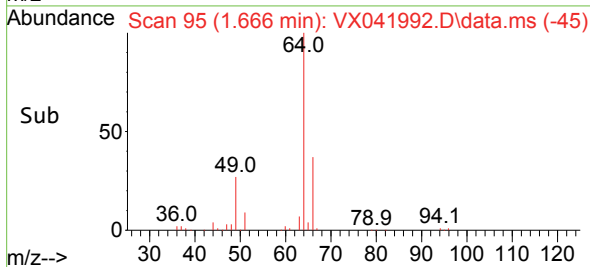
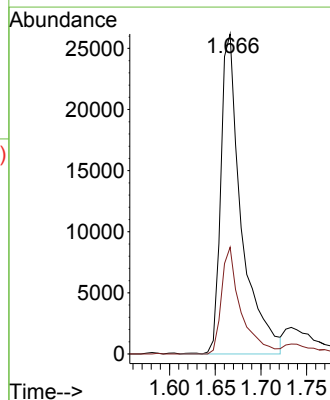
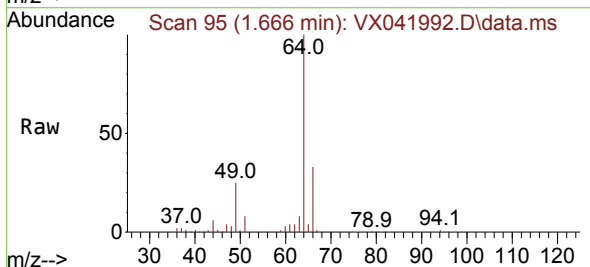
Instrument :  
MSVOA\_X  
ClientSampleId :

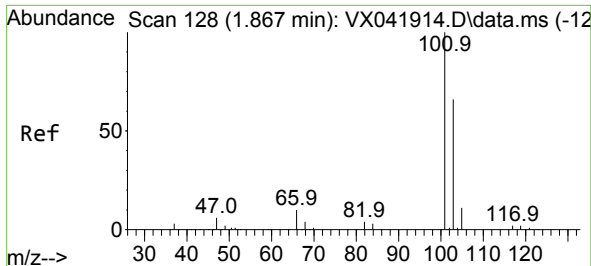
Tgt Ion: 94 Resp: 35679  
Ion Ratio Lower Upper  
94 100  
96 95.0 74.6 111.8



#6  
Chloroethane  
Concen: 59.734 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 64 Resp: 40932  
Ion Ratio Lower Upper  
64 100  
66 33.4 25.1 37.7

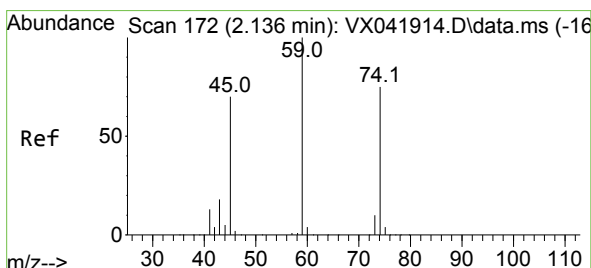
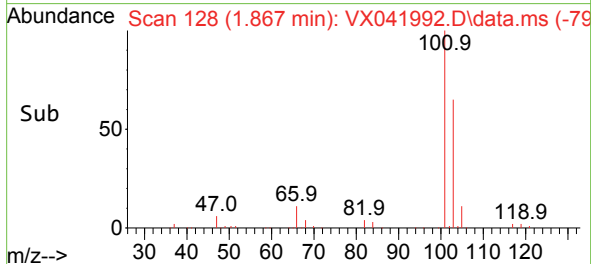
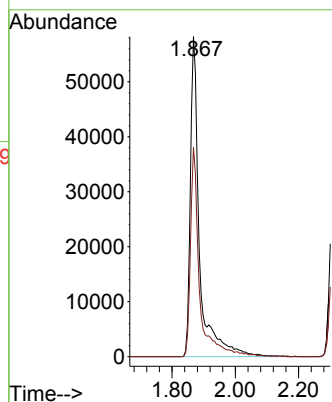
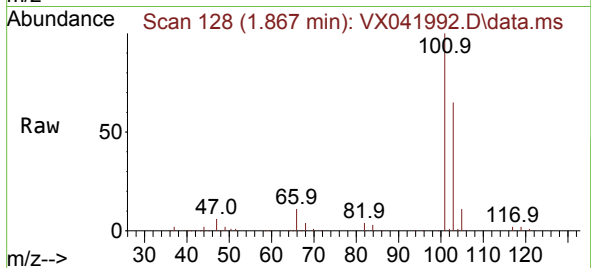




#7  
Trichlorofluoromethane  
Concen: 53.886 ug/l  
RT: 1.867 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

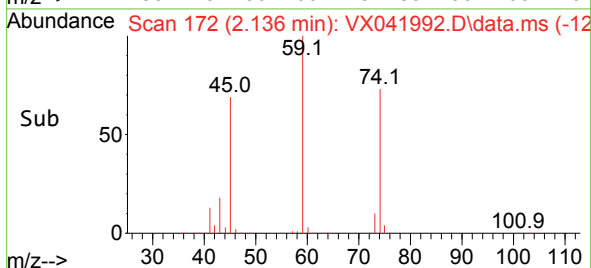
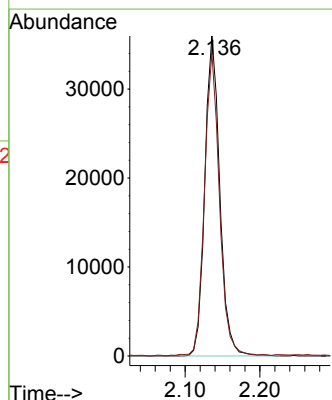
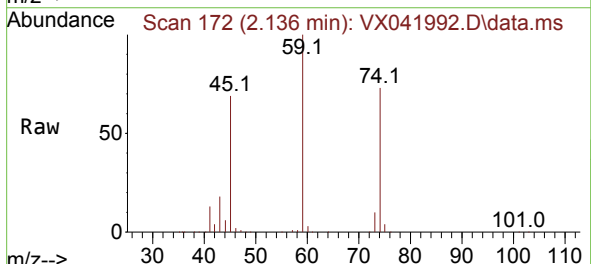
Instrument :  
MSVOA\_X  
ClientSampleId :

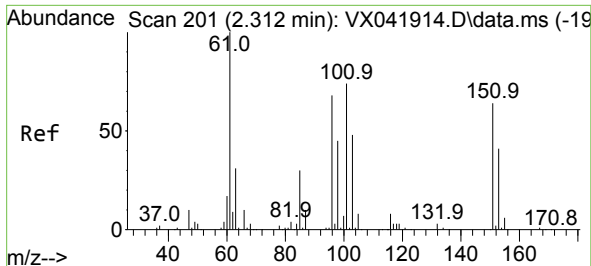
Tgt Ion:101 Resp: 117557  
Ion Ratio Lower Upper  
101 100  
103 65.4 51.4 77.2



#8  
Diethyl Ether  
Concen: 48.602 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 74 Resp: 49772  
Ion Ratio Lower Upper  
74 100  
45 95.7 53.3 159.8

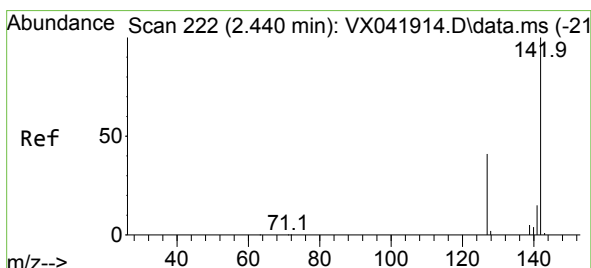
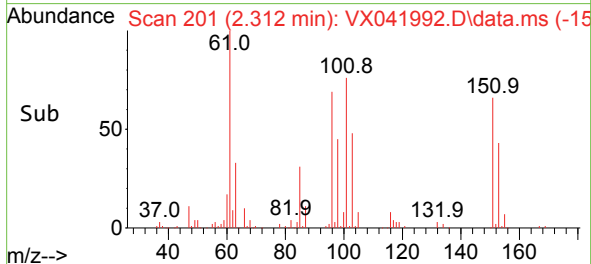
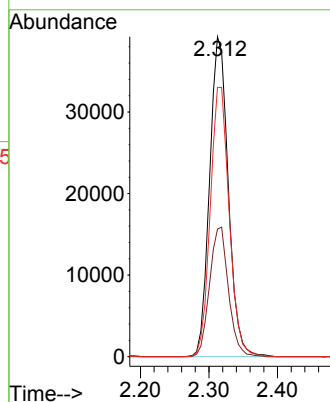
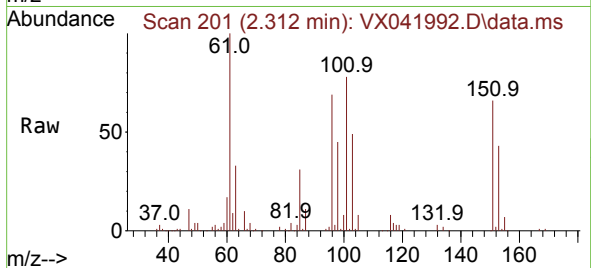




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.523 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

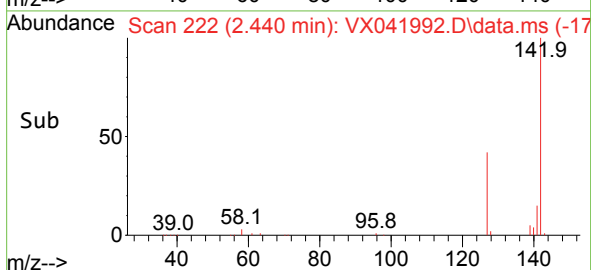
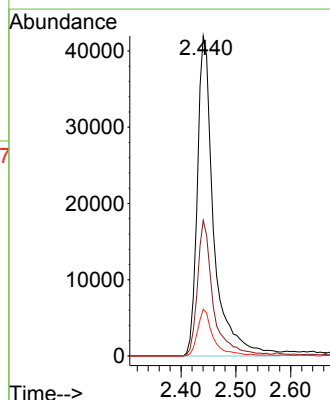
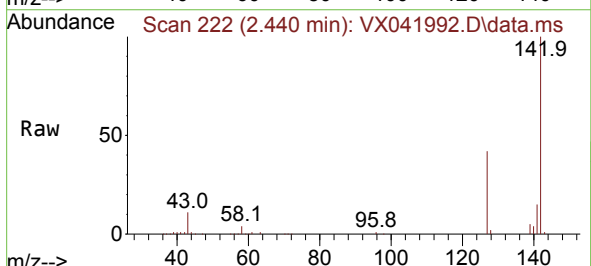
Instrument :  
MSVOA\_X  
ClientSampleId :

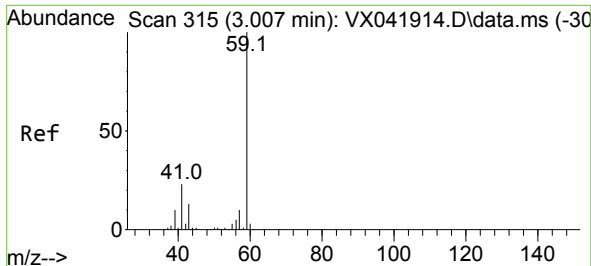
Tgt Ion:101 Resp: 74424  
Ion Ratio Lower Upper  
101 100  
85 40.9 37.0 55.6  
151 85.3 58.6 87.8



#10  
Methyl Iodide  
Concen: 47.099 ug/l  
RT: 2.440 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion:142 Resp: 87975  
Ion Ratio Lower Upper  
142 100  
127 40.7 41.6 62.4#  
141 14.2 11.6 17.4

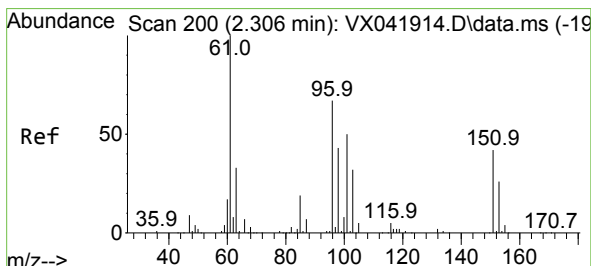
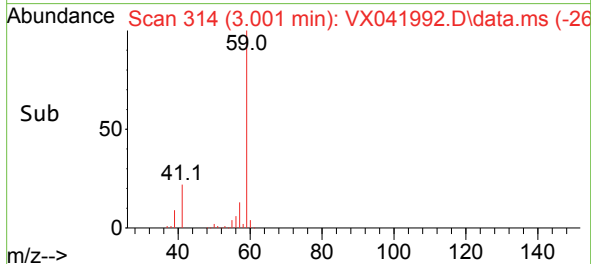
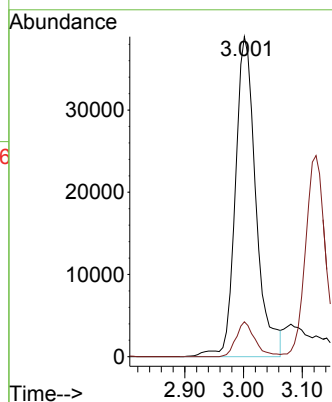
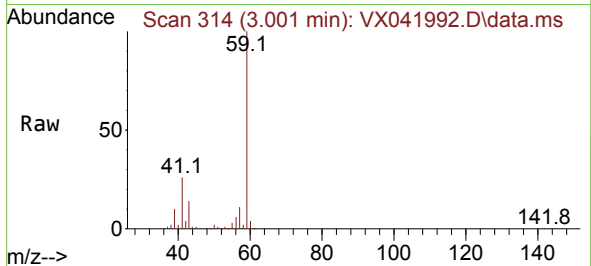




#11  
Tert butyl alcohol  
Concen: 249.375 ug/l  
RT: 3.001 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

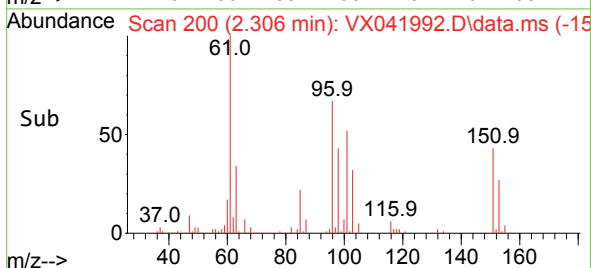
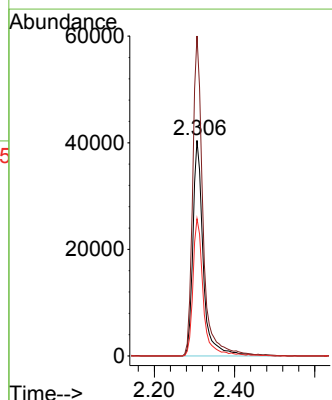
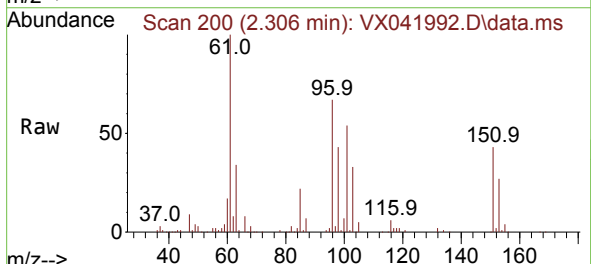
Instrument :  
MSVOA\_X  
ClientSampleId :

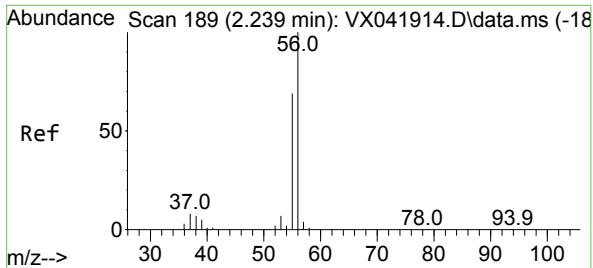
Tgt Ion: 59 Resp: 94852  
Ion Ratio Lower Upper  
59 100  
57 10.1 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 48.435 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 96 Resp: 72607  
Ion Ratio Lower Upper  
96 100  
61 148.5 144.6 216.8  
98 63.7 50.4 75.6





#13

Acrolein

Concen: 254.500 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

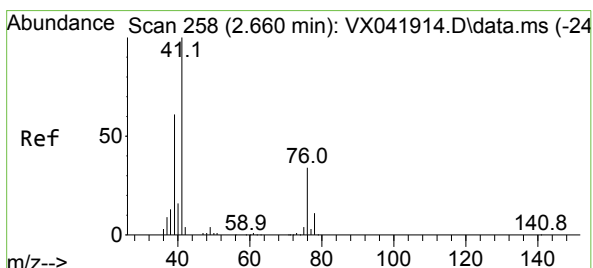
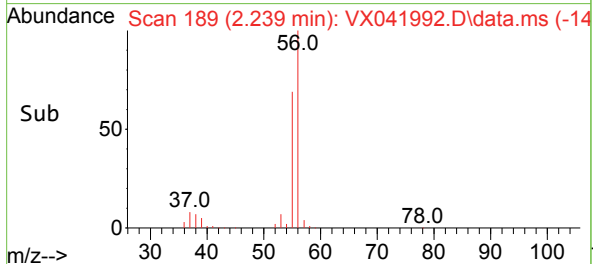
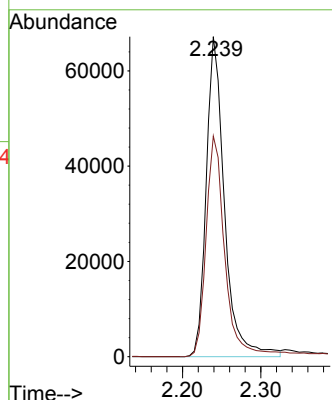
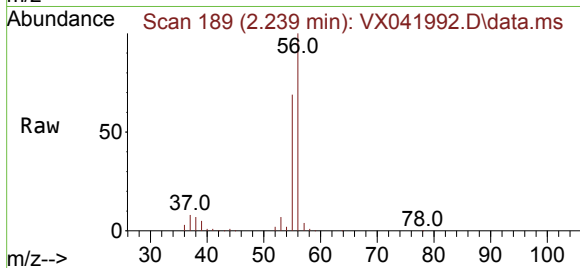
ClientSampleId :

Tgt Ion: 56 Resp: 108510

Ion Ratio Lower Upper

56 100

55 72.3 57.1 85.7



#14

Allyl chloride

Concen: 46.029 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

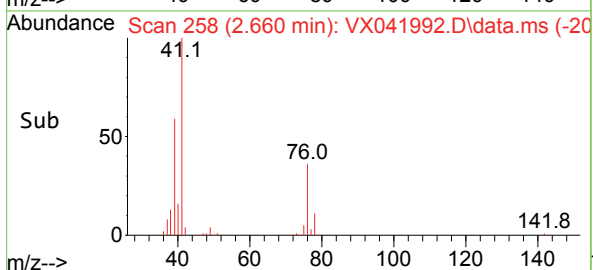
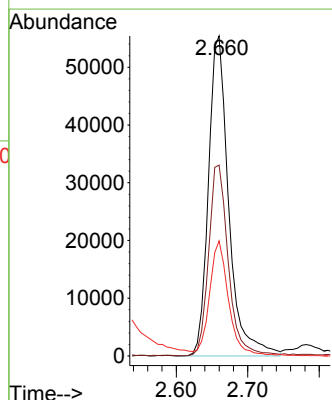
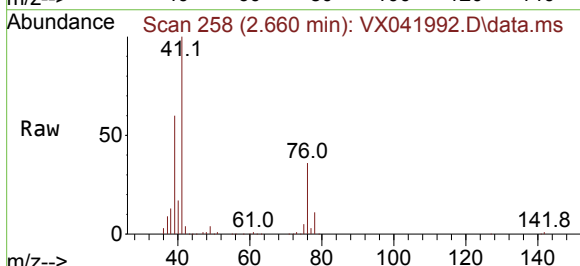
Tgt Ion: 41 Resp: 109430

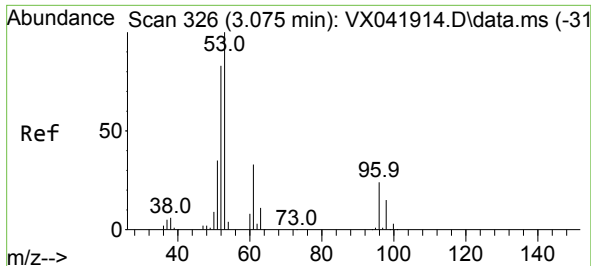
Ion Ratio Lower Upper

41 100

39 57.9 55.8 83.6

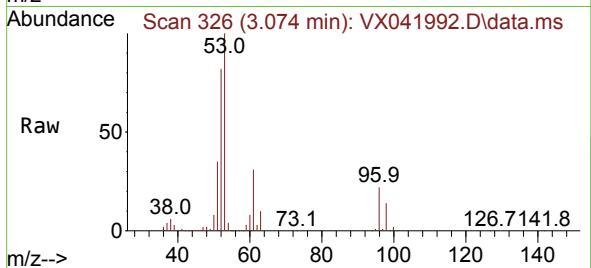
76 34.0 24.3 36.5



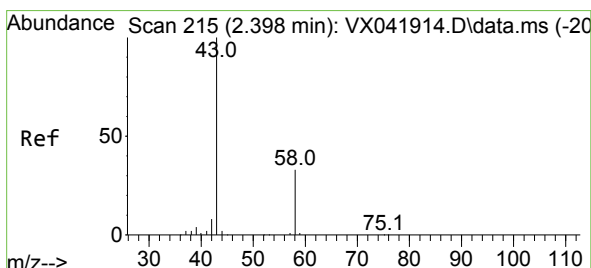
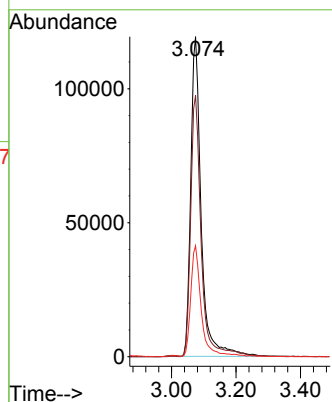
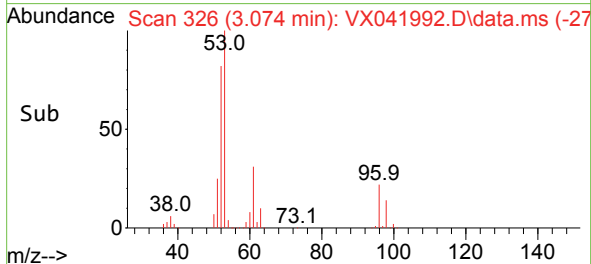


#15  
Acrylonitrile  
Concen: 270.504 ug/l  
RT: 3.074 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Instrument :  
MSVOA\_X  
ClientSampleId :

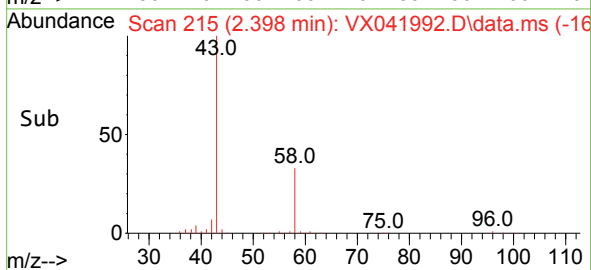
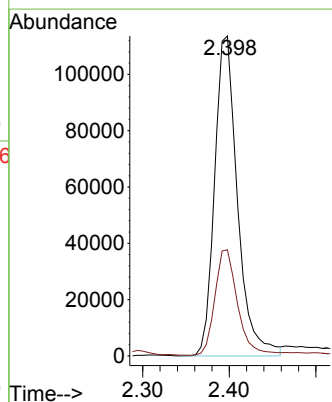
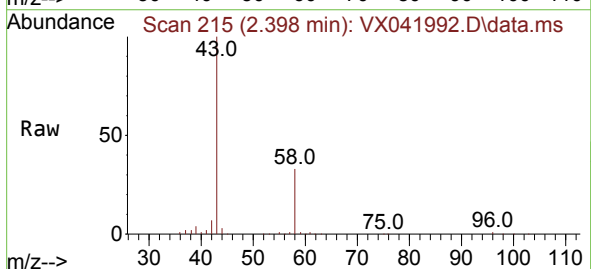


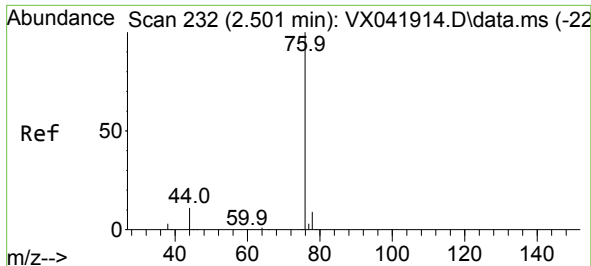
Tgt Ion: 53 Resp: 268746  
Ion Ratio Lower Upper  
53 100  
52 82.6 66.0 99.0  
51 34.3 29.8 44.6



#16  
Acetone  
Concen: 237.269 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

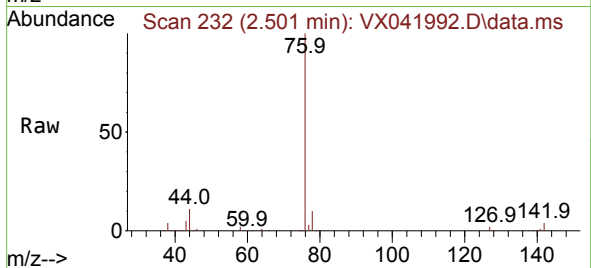
Tgt Ion: 43 Resp: 208806  
Ion Ratio Lower Upper  
43 100  
58 32.9 21.9 32.9#



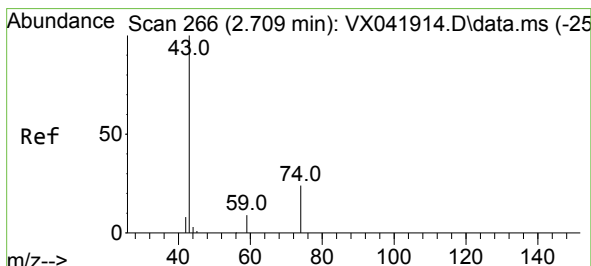
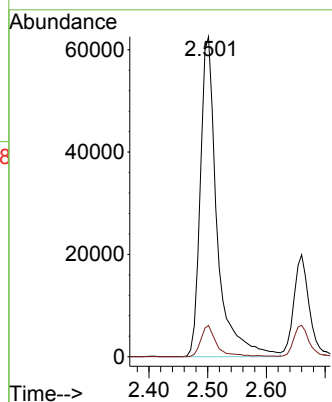
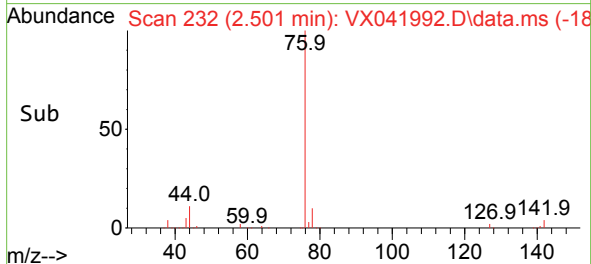


#17  
Carbon Disulfide  
Concen: 40.663 ug/l  
RT: 2.501 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Instrument :  
MSVOA\_X  
ClientSampleId :

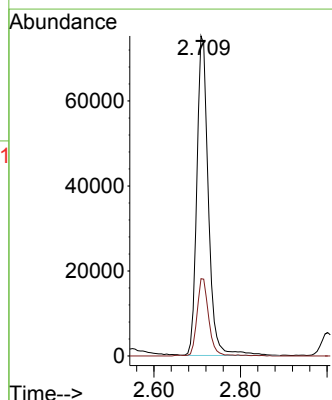
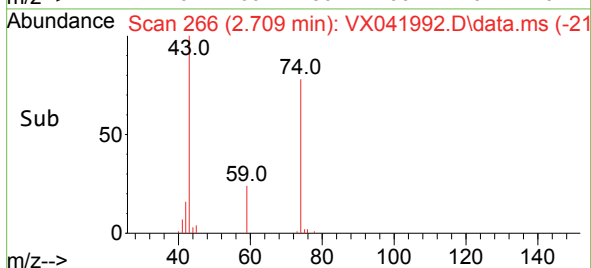
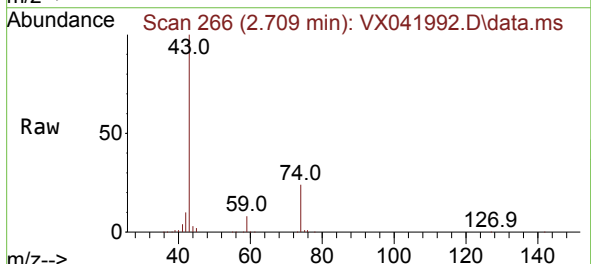


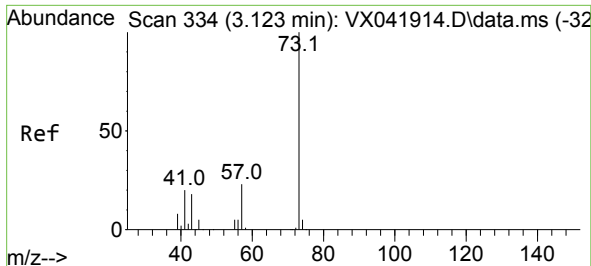
Tgt Ion: 76 Resp: 124291  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.0 10.6



#18  
Methyl Acetate  
Concen: 57.801 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 43 Resp: 138763  
Ion Ratio Lower Upper  
43 100  
74 23.7 17.8 26.8

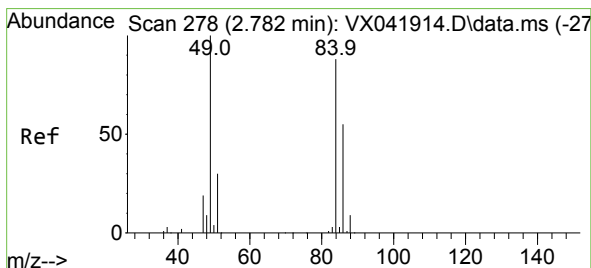
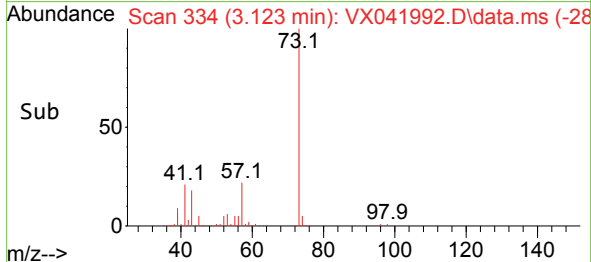
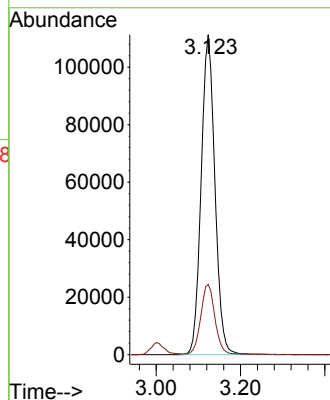
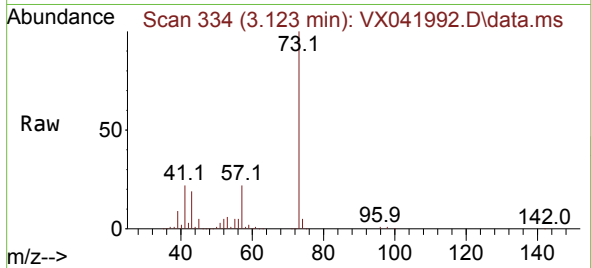




#19  
Methyl tert-butyl Ether  
Concen: 51.109 ug/l  
RT: 3.123 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

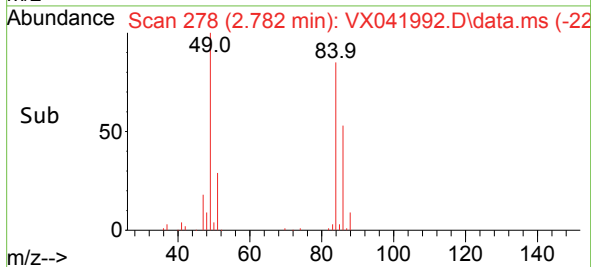
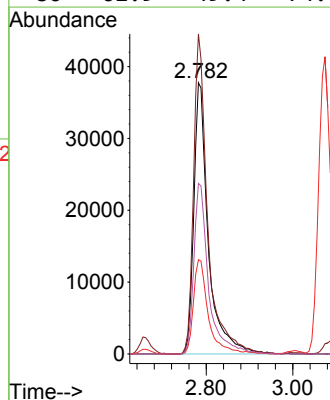
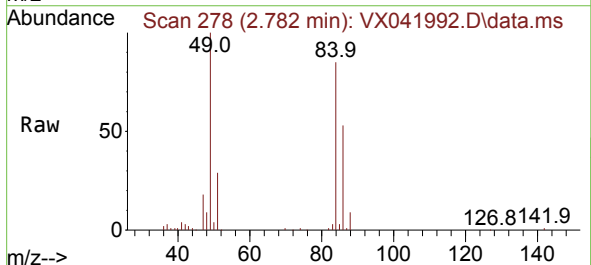
Instrument :  
MSVOA\_X  
ClientSampleId :

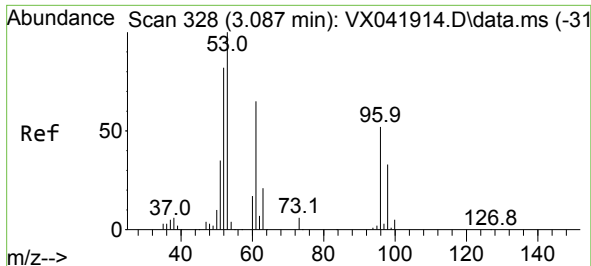
Tgt Ion: 73 Resp: 253118  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 45.665 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 84 Resp: 87996  
Ion Ratio Lower Upper  
84 100  
49 118.0 103.6 155.4  
51 34.7 33.8 50.6  
86 62.9 49.4 74.0

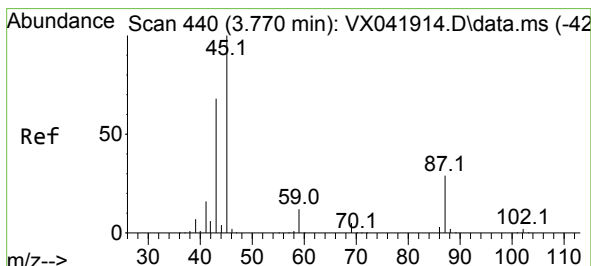
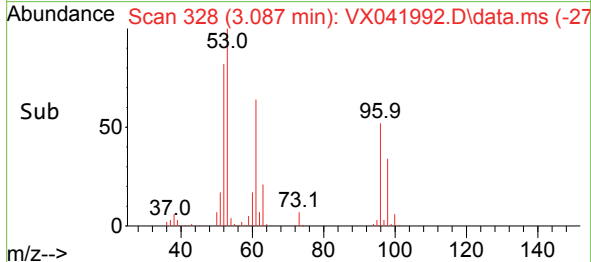
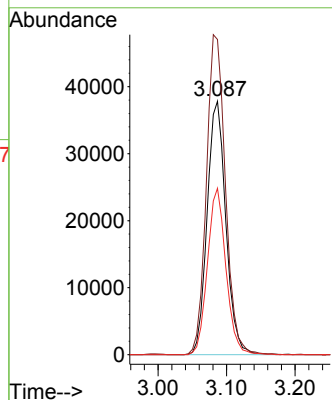
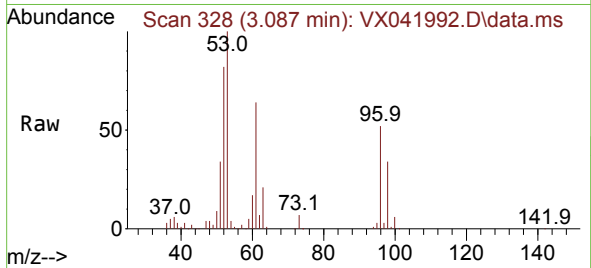




#21  
trans-1,2-Dichloroethene  
Concen: 47.266 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

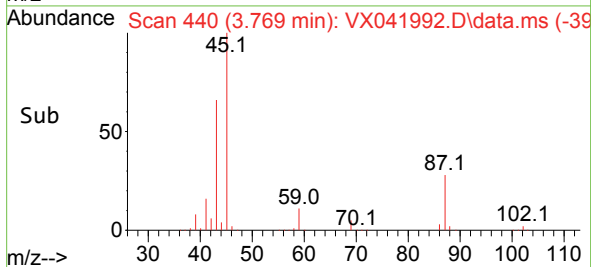
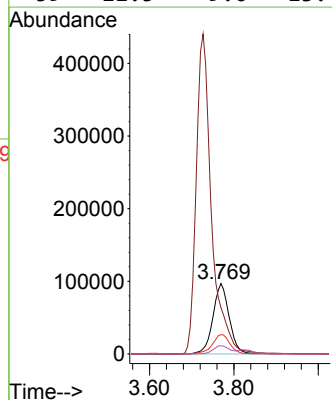
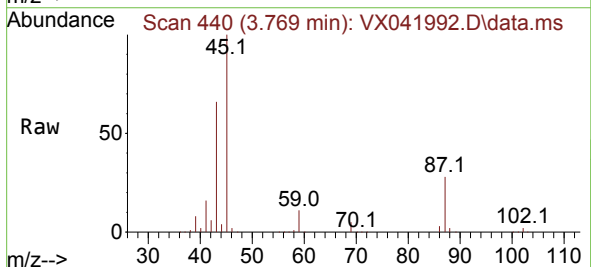
Instrument :  
MSVOA\_X  
ClientSampleId :

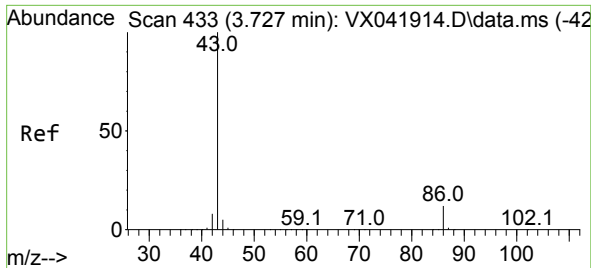
Tgt Ion: 96 Resp: 71911  
Ion Ratio Lower Upper  
96 100  
61 124.4 119.2 178.8  
98 65.7 48.7 73.1



#22  
Diisopropyl ether  
Concen: 51.686 ug/l  
RT: 3.769 min Scan# 440  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 45 Resp: 259737  
Ion Ratio Lower Upper  
45 100  
43 65.6 69.7 104.5#  
87 27.6 20.8 31.2  
59 11.5 9.0 13.4

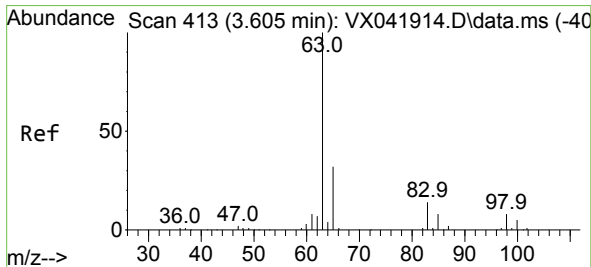
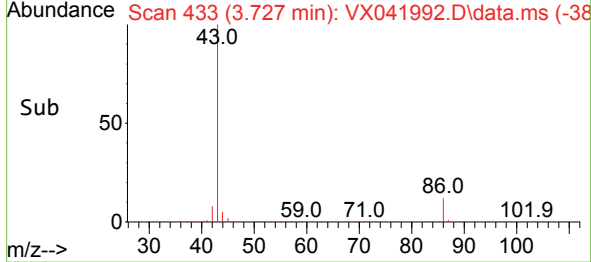
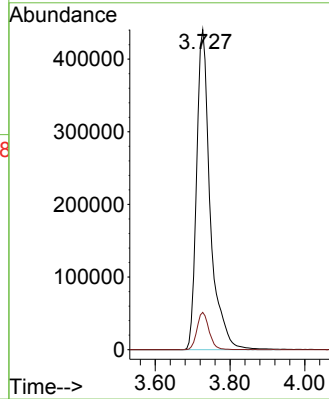
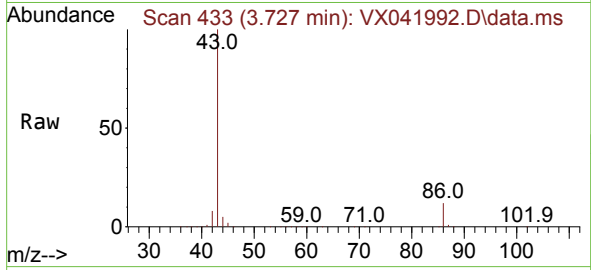




#23  
 Vinyl Acetate  
 Concen: 259.602 ug/l  
 RT: 3.727 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX041992.D  
 Acq: 21 Jun 2024 20:19

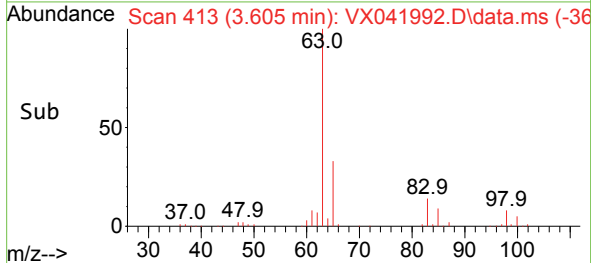
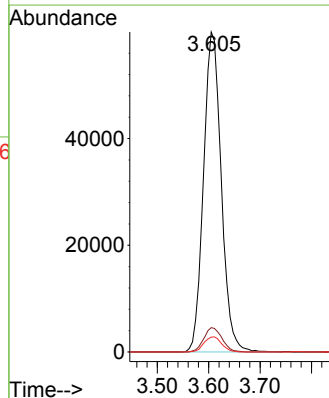
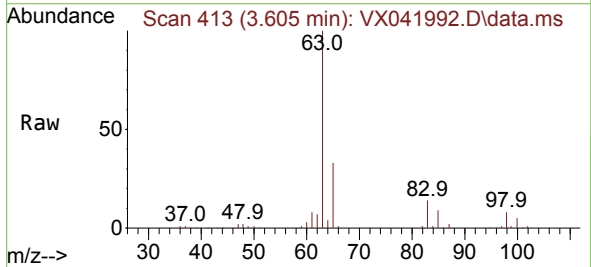
Instrument :  
 MSVOA\_X  
 ClientSampleId :

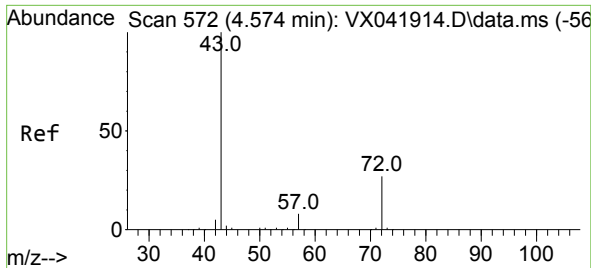
Tgt Ion: 43 Resp: 1114128  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 51.082 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX041992.D  
 Acq: 21 Jun 2024 20:19

Tgt Ion: 63 Resp: 143756  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.3 9.8  
 100 4.7 2.1 6.5

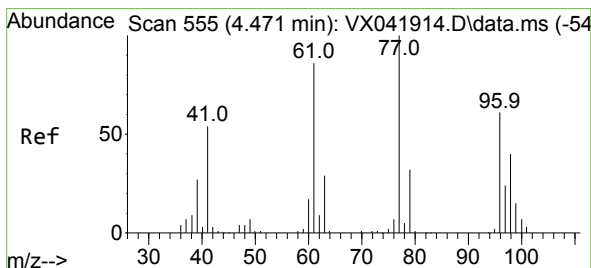
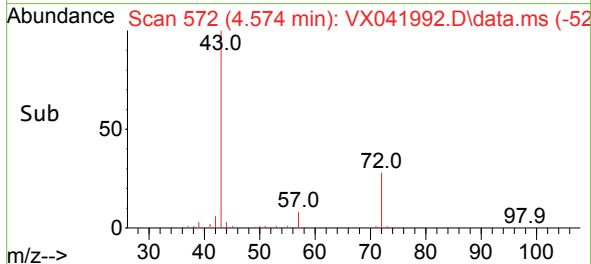
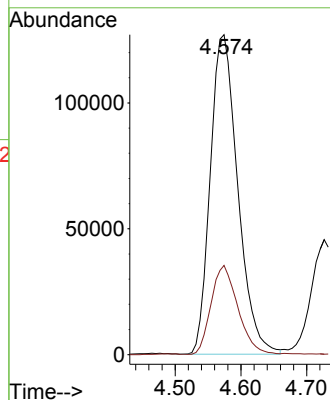
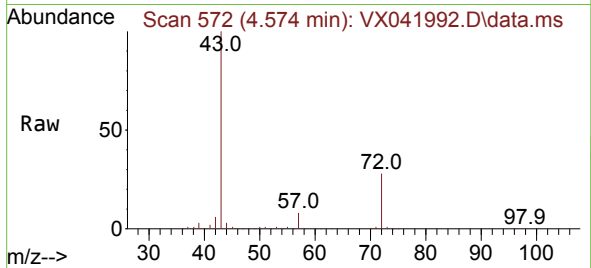




#25  
2-Butanone  
Concen: 270.041 ug/l  
RT: 4.574 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

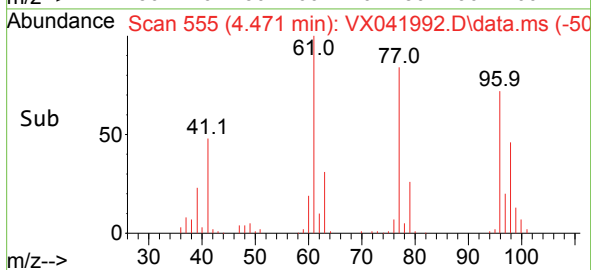
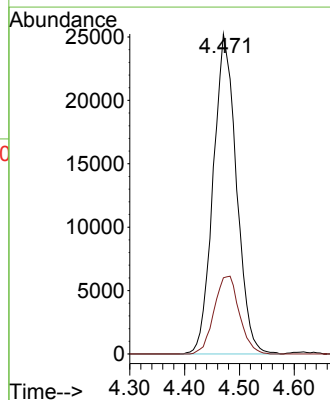
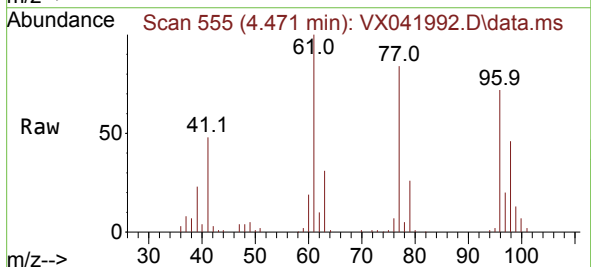
Instrument :  
MSVOA\_X  
ClientSampleId :

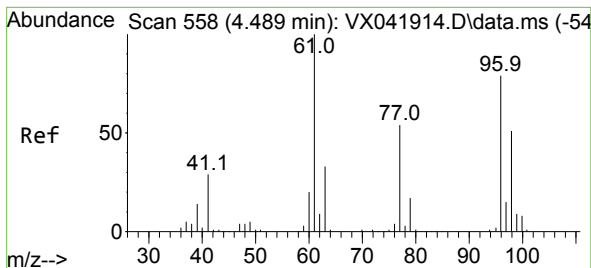
Tgt Ion: 43 Resp: 369719  
Ion Ratio Lower Upper  
43 100  
72 27.8 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 36.505 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 77 Resp: 74394  
Ion Ratio Lower Upper  
77 100  
97 26.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.784 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

ClientSampleId :

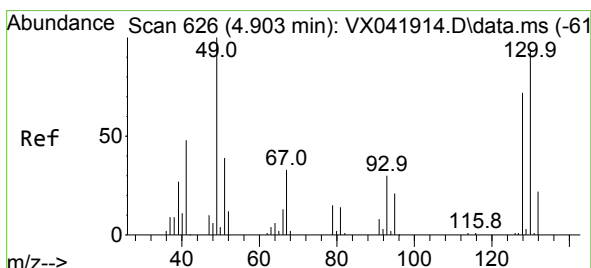
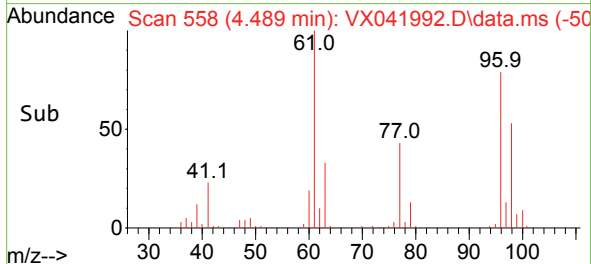
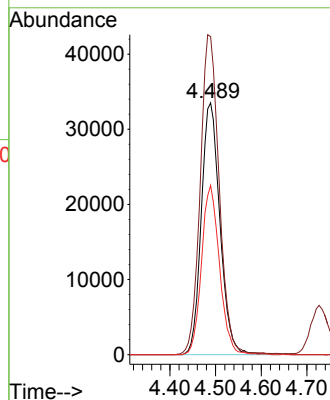
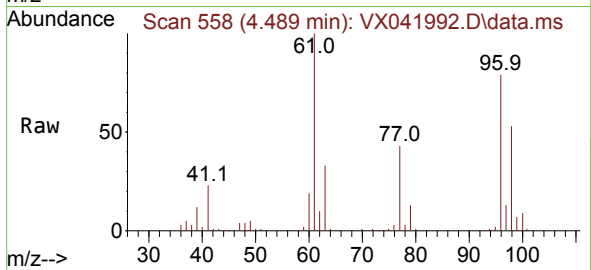
Tgt Ion: 96 Resp: 94863

Ion Ratio Lower Upper

96 100

61 129.3 0.0 312.2

98 64.9 0.0 129.0



#28

Bromochloromethane

Concen: 48.111 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

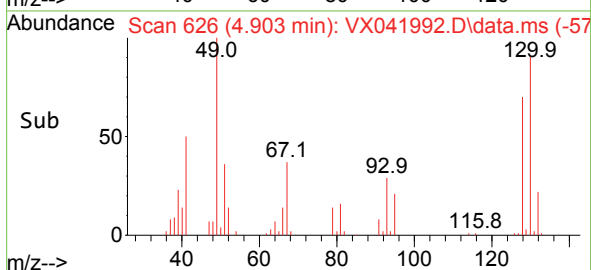
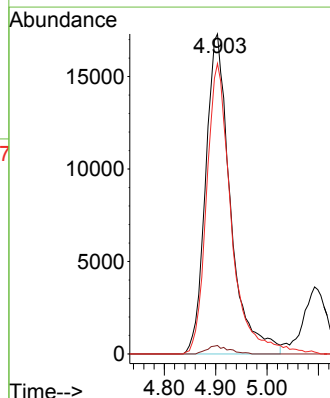
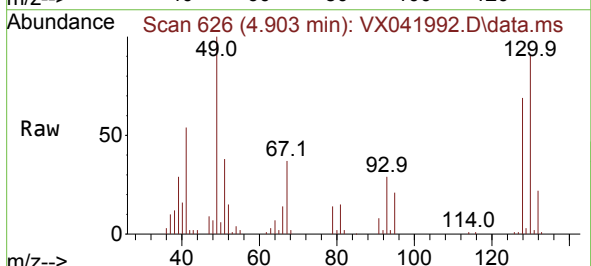
Tgt Ion: 49 Resp: 57991

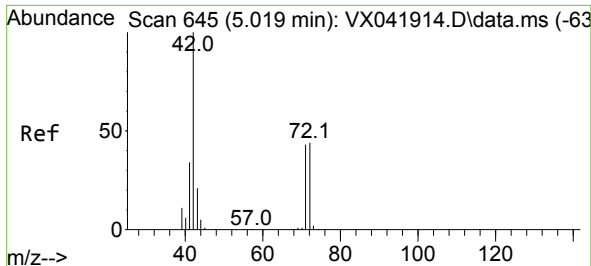
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

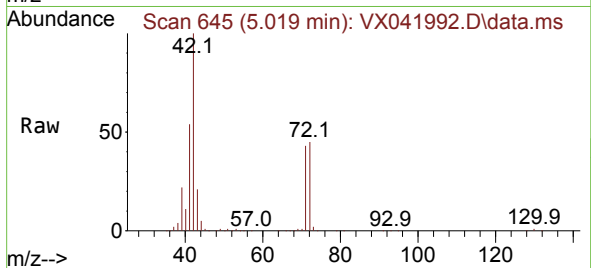
130 90.9 57.5 86.3#



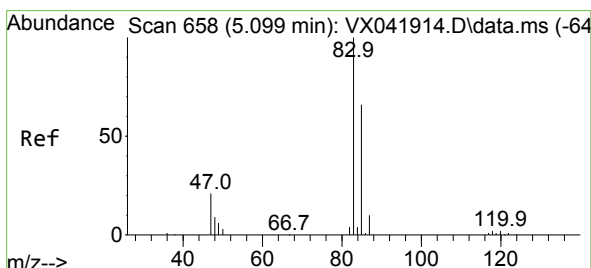
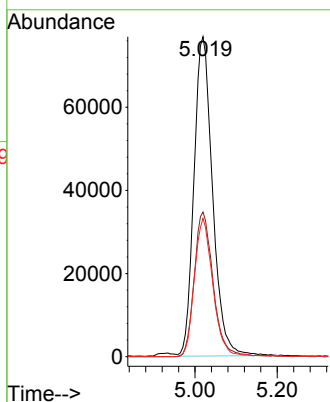
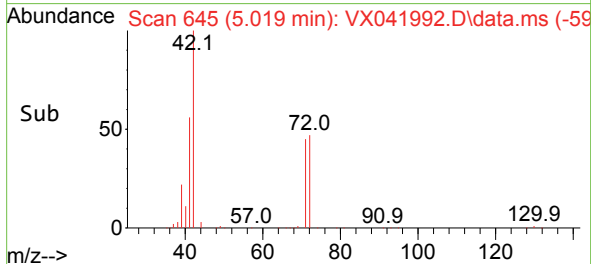


#29  
Tetrahydrofuran  
Concen: 273.141 ug/l  
RT: 5.019 min Scan# 645  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Instrument :  
MSVOA\_X  
ClientSampleId :

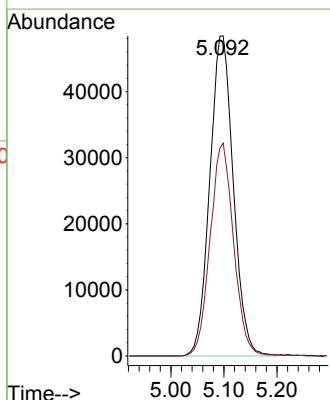
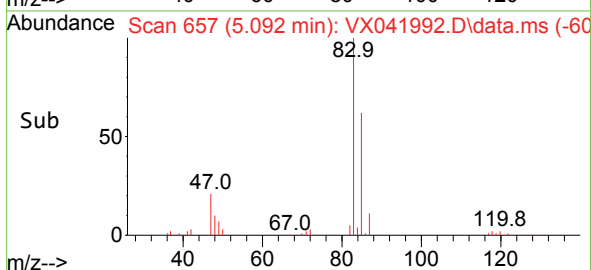
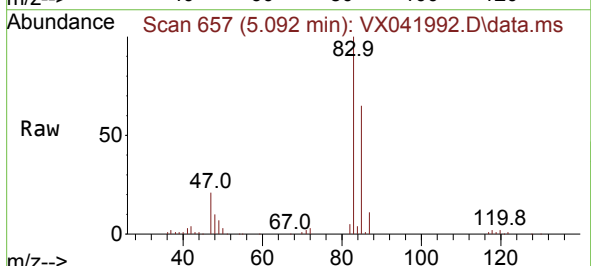


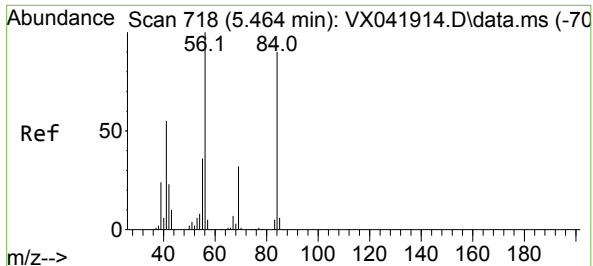
Tgt Ion: 42 Resp: 241518  
Ion Ratio Lower Upper  
42 100  
72 45.9 34.2 51.4  
71 42.6 32.2 48.2



#30  
Chloroform  
Concen: 50.900 ug/l  
RT: 5.092 min Scan# 657  
Delta R.T. -0.006 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

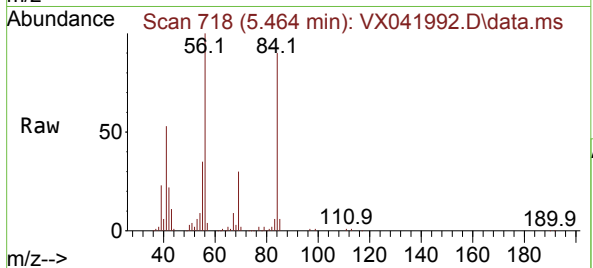
Tgt Ion: 83 Resp: 149232  
Ion Ratio Lower Upper  
83 100  
85 65.0 50.3 75.5



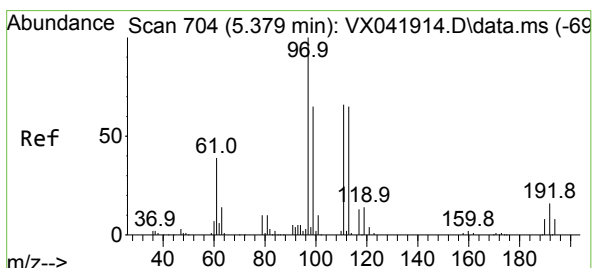
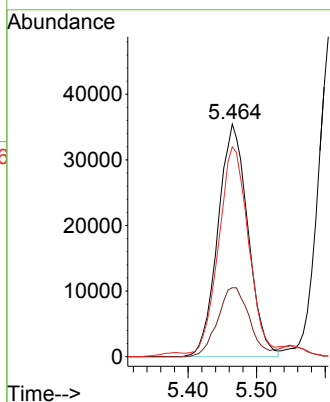
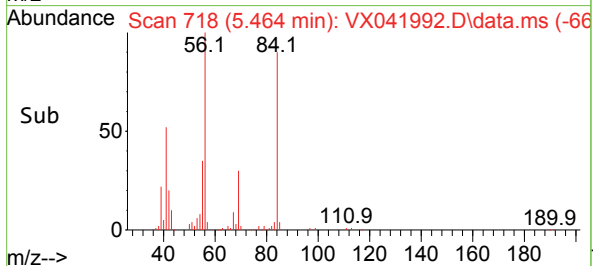


#31  
Cyclohexane  
Concen: 45.948 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Instrument :  
MSVOA\_X  
ClientSampleId :

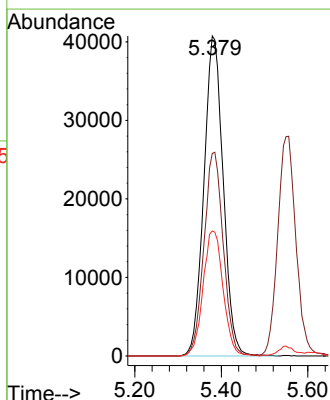
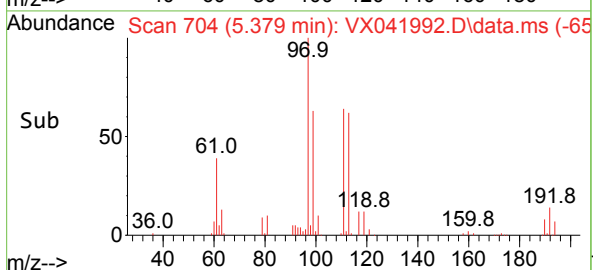
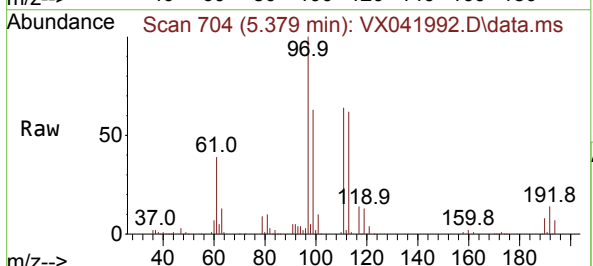


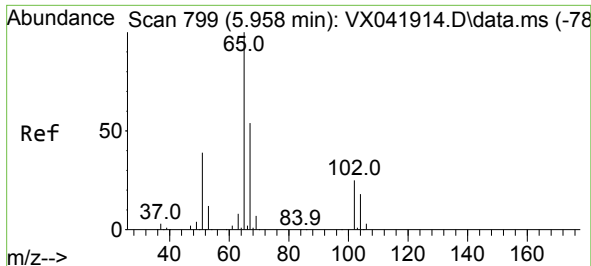
Tgt Ion: 56 Resp: 107695  
Ion Ratio Lower Upper  
56 100  
69 29.6 23.4 35.2  
84 88.5 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 51.411 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 97 Resp: 125949  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.1 76.7  
61 40.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.760 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

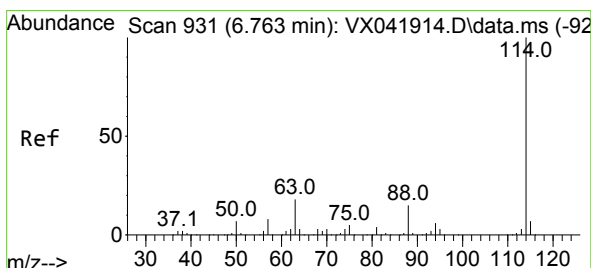
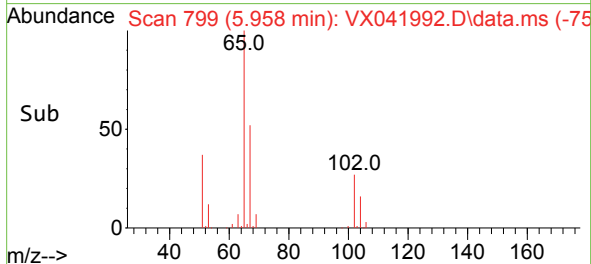
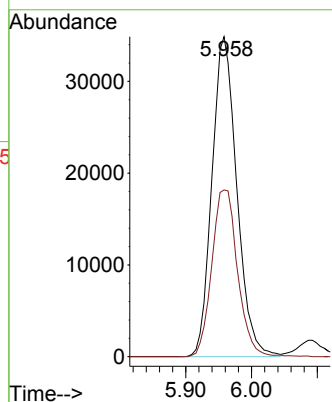
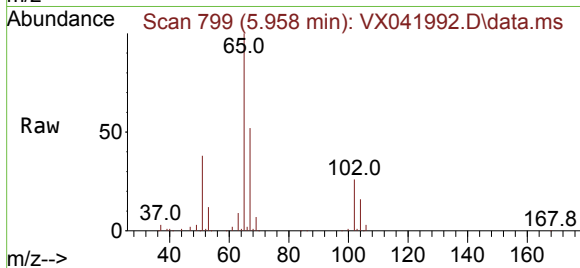
ClientSampleId :

Tgt Ion: 65 Resp: 91712

Ion Ratio Lower Upper

65 100

67 54.2 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: VX041992.D

Acq: 21 Jun 2024 20:19

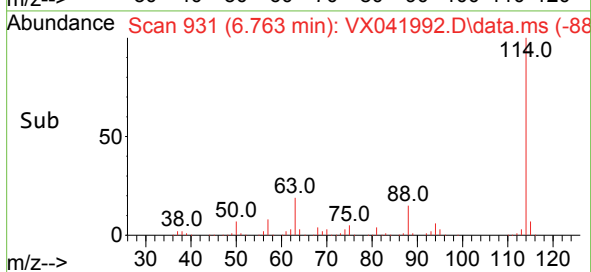
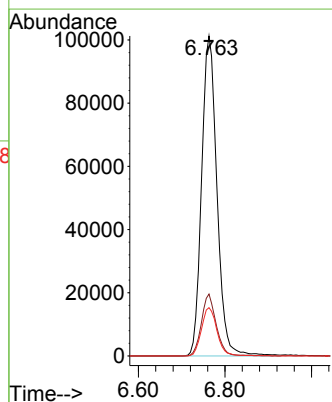
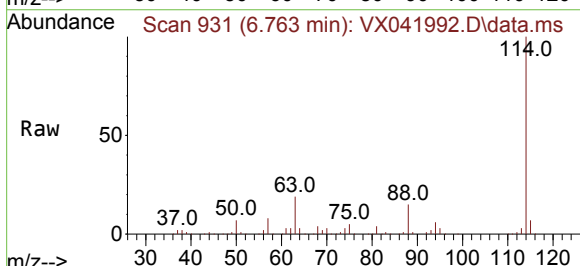
Tgt Ion: 114 Resp: 249406

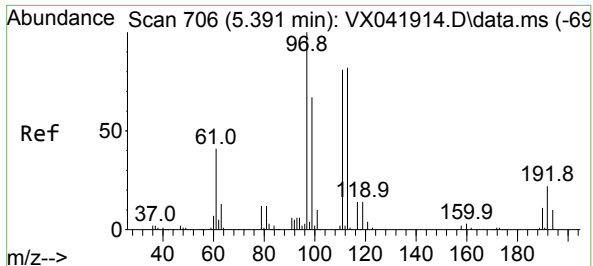
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

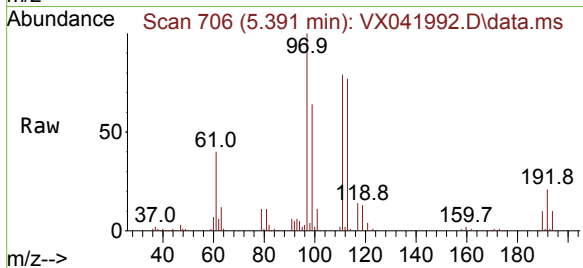
88 15.1 0.0 36.6



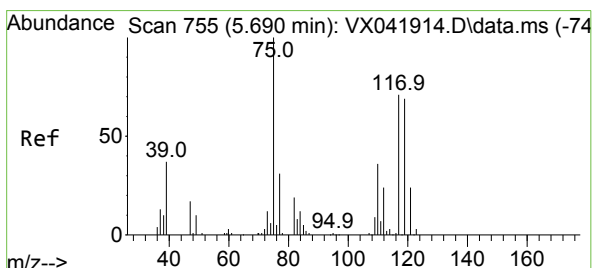
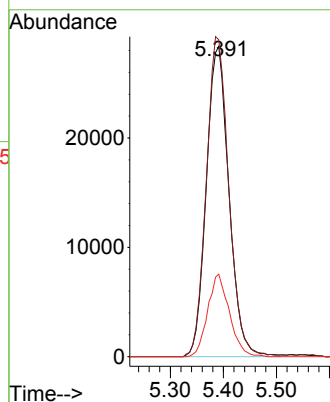
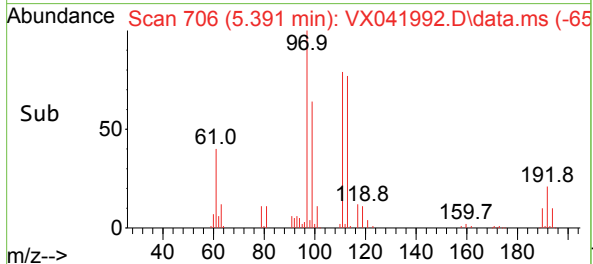


#35  
Dibromofluoromethane  
Concen: 47.507 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Instrument :  
MSVOA\_X  
ClientSampleId :

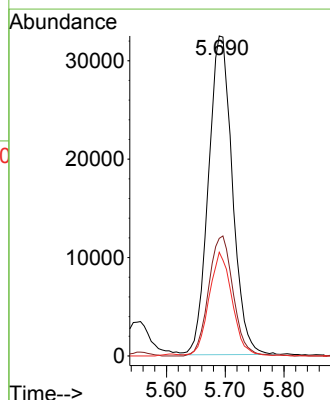
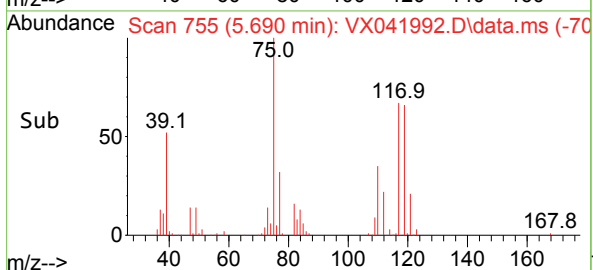
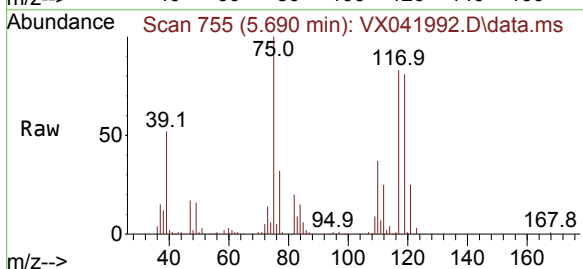


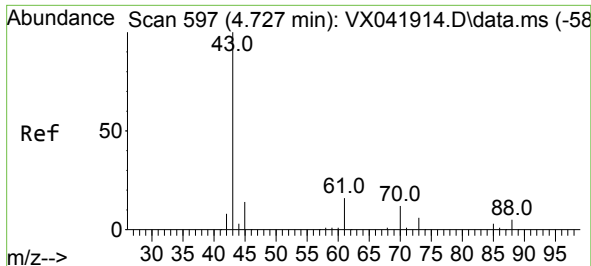
Tgt Ion:113 Resp: 84072  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.9 124.3  
192 25.5 13.3 19.9#



#36  
1,1-Dichloropropene  
Concen: 48.779 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

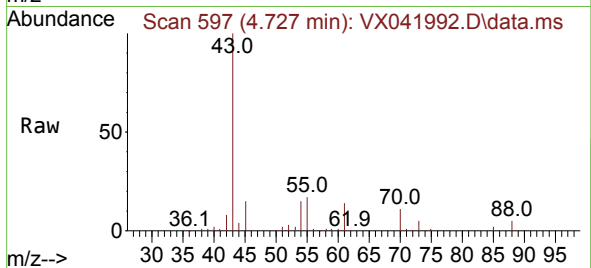
Tgt Ion: 75 Resp: 91667  
Ion Ratio Lower Upper  
75 100  
110 38.6 17.0 50.9  
77 31.1 24.7 37.1



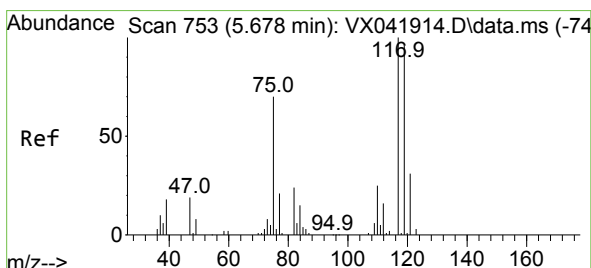
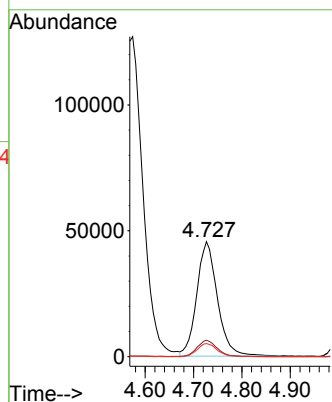
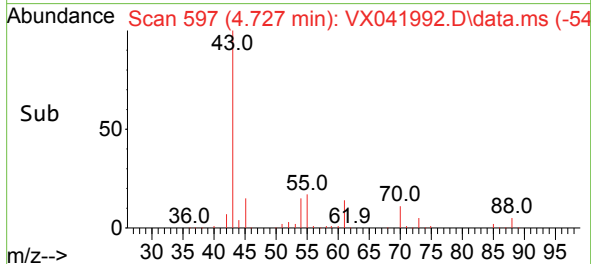


#37  
Ethyl Acetate  
Concen: 55.288 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

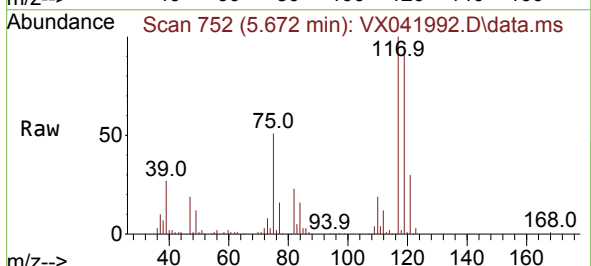
Instrument :  
MSVOA\_X  
ClientSampleId :



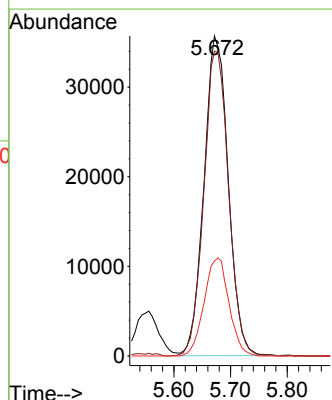
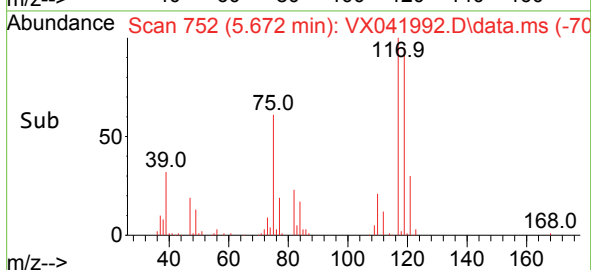
Tgt Ion: 43 Resp: 135343  
Ion Ratio Lower Upper  
43 100  
61 14.2 10.6 16.0  
70 11.1 8.3 12.5

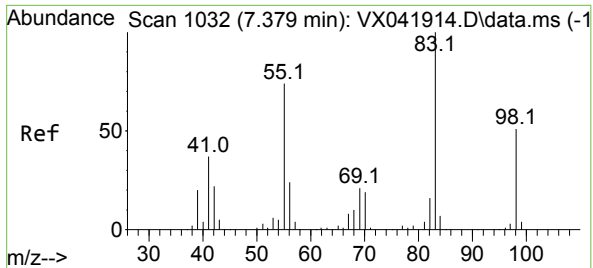


#38  
Carbon Tetrachloride  
Concen: 51.098 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19



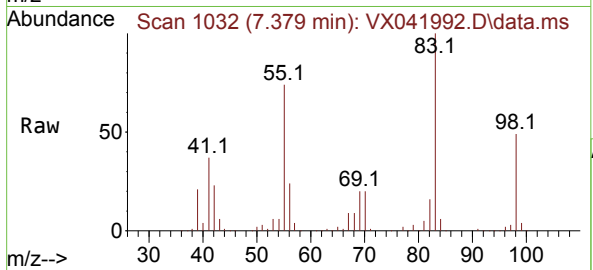
Tgt Ion: 117 Resp: 106095  
Ion Ratio Lower Upper  
117 100  
119 95.4 78.2 117.2  
121 29.7 24.4 36.6



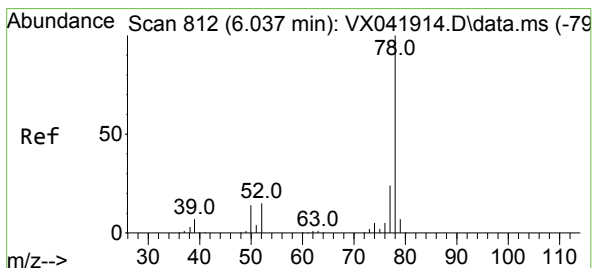
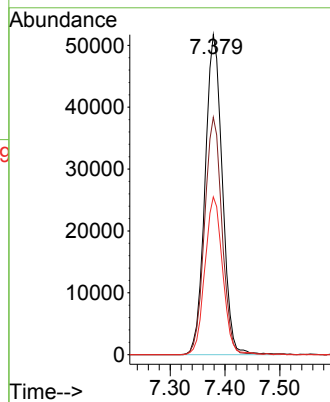
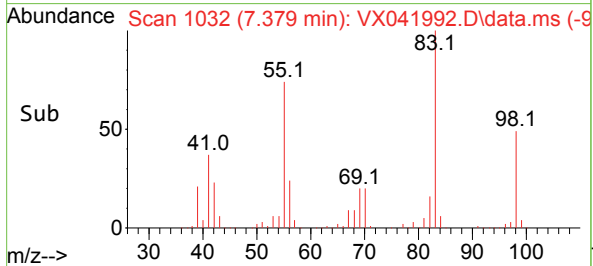


#39  
Methylcyclohexane  
Concen: 47.555 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Instrument :  
MSVOA\_X  
ClientSampleId :

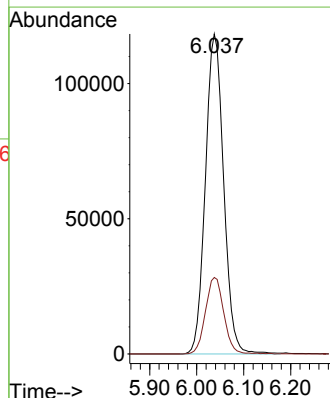
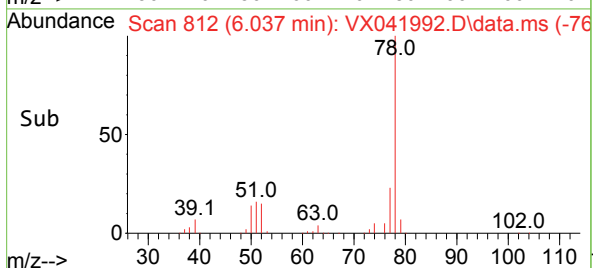
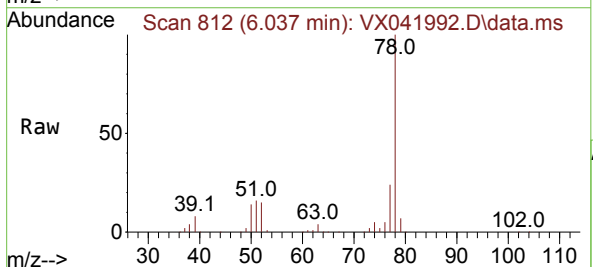


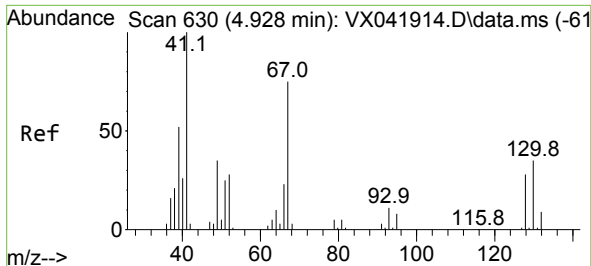
Tgt Ion: 83 Resp: 113019  
Ion Ratio Lower Upper  
83 100  
55 74.2 64.6 97.0  
98 49.3 36.7 55.1



#40  
Benzene  
Concen: 50.338 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

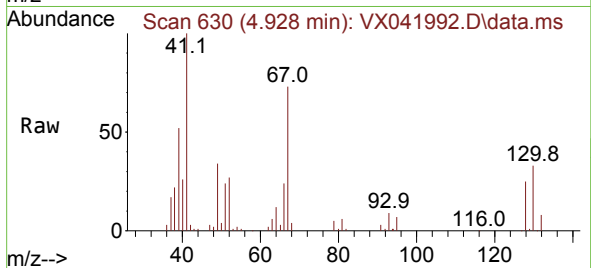
Tgt Ion: 78 Resp: 319041  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.3 28.9



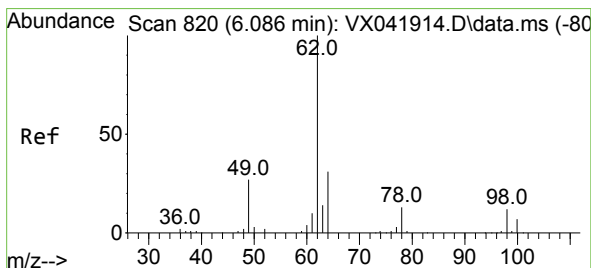
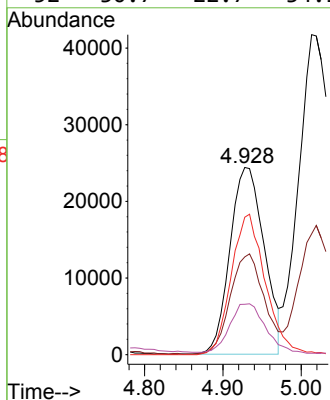
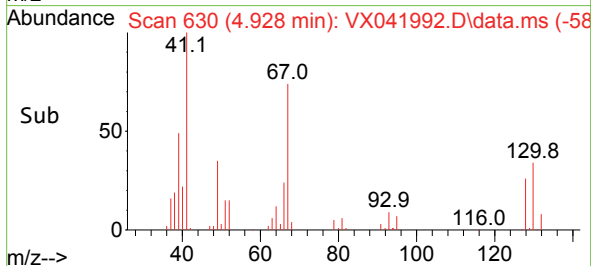


#41  
Methacrylonitrile  
Concen: 55.736 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

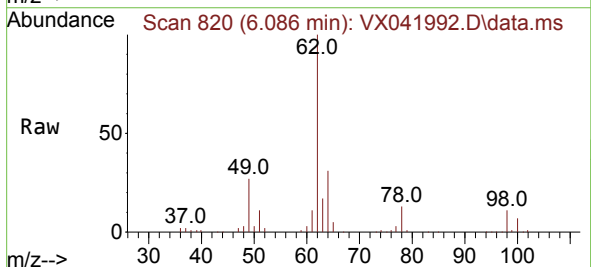
Instrument :  
MSVOA\_X  
ClientSampleId :



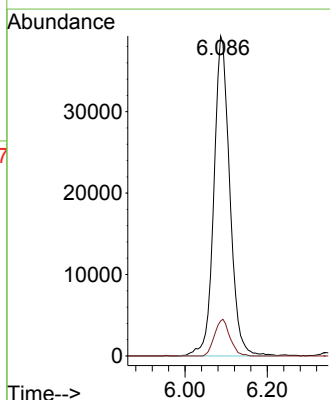
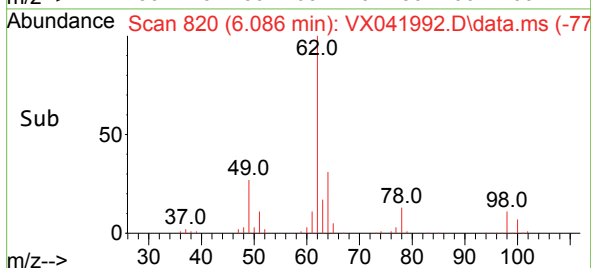
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 73961 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.0  | 45.2  | 67.8  |
| 67       | 75.3  | 52.6  | 78.8  |
| 52       | 30.7  | 22.7  | 34.1  |

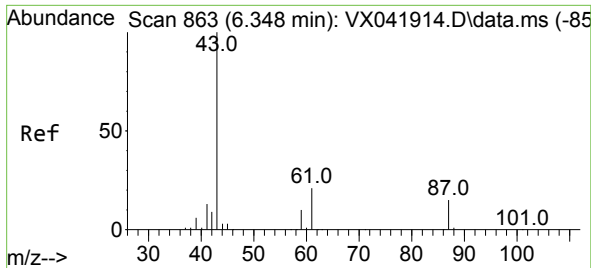


#42  
1,2-Dichloroethane  
Concen: 51.757 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 105662 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 11.0  | 0.0   | 16.0   |

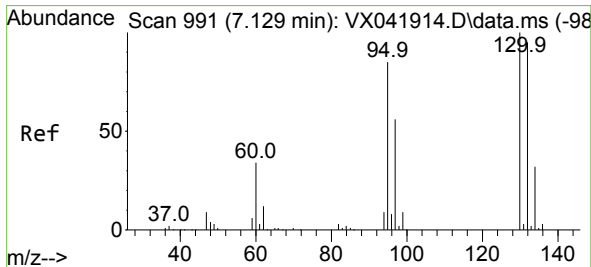
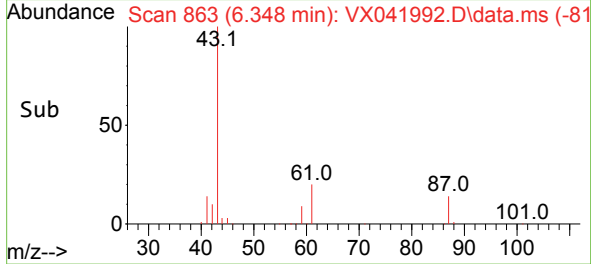
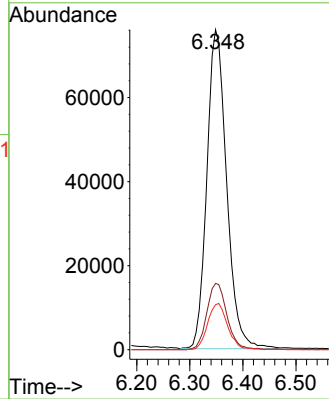
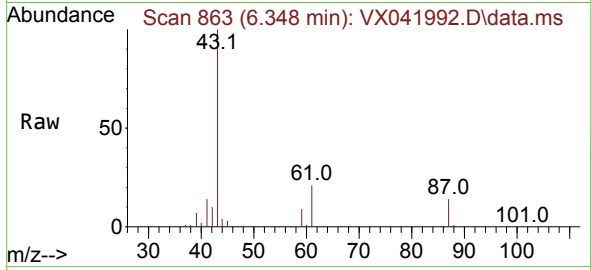




#43  
Isopropyl Acetate  
Concen: 52.297 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

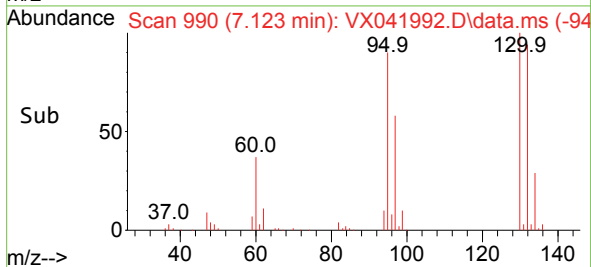
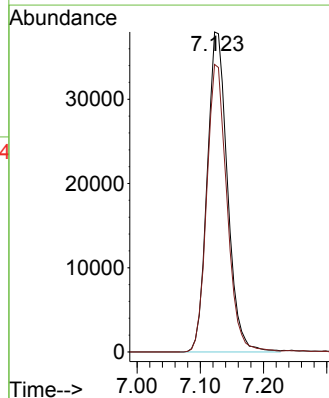
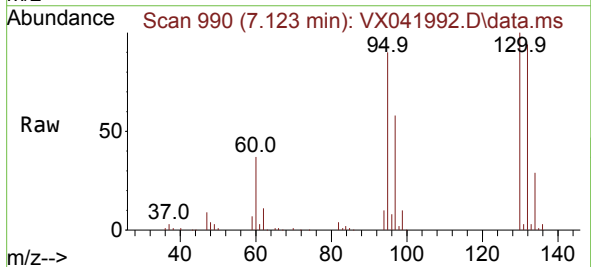
Instrument :  
MSVOA\_X  
ClientSampleId :

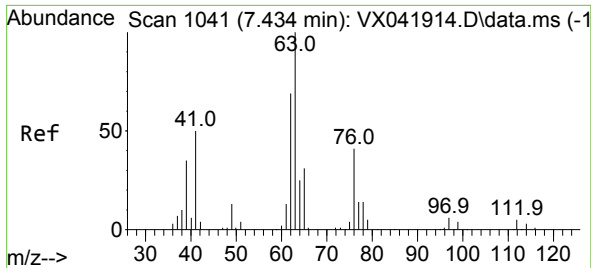
Tgt Ion: 43 Resp: 196506  
Ion Ratio Lower Upper  
43 100  
61 21.2 15.2 22.8  
87 14.6 9.8 14.6



#44  
Trichloroethene  
Concen: 49.895 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion:130 Resp: 84765  
Ion Ratio Lower Upper  
130 100  
95 89.8 0.0 204.4

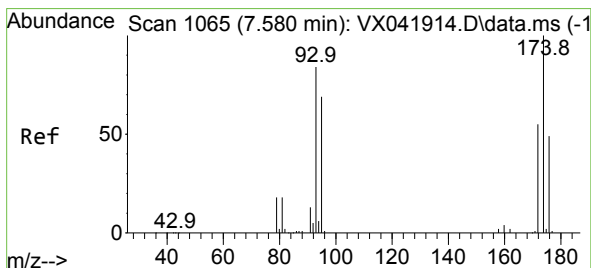
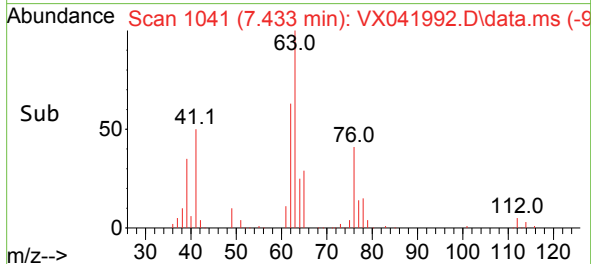
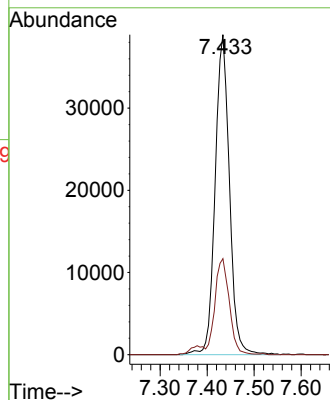
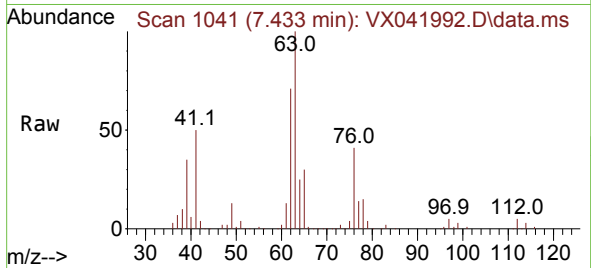




#45  
1,2-Dichloropropane  
Concen: 52.822 ug/l  
RT: 7.433 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

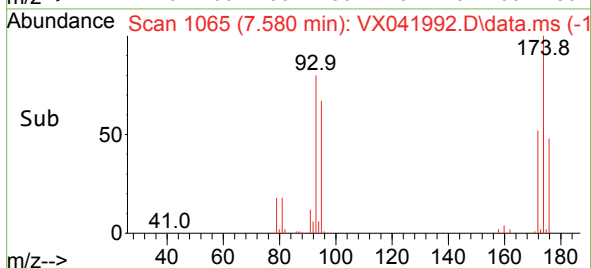
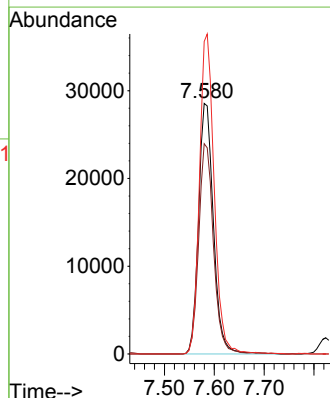
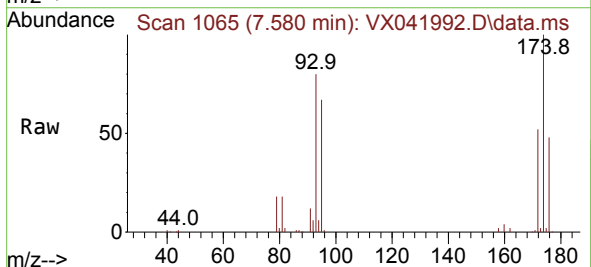
Instrument :  
MSVOA\_X  
ClientSampleId :

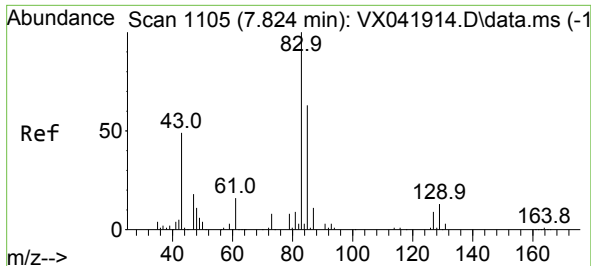
Tgt Ion: 63 Resp: 82319  
Ion Ratio Lower Upper  
63 100  
65 30.0 24.3 36.5



#46  
Dibromomethane  
Concen: 52.063 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

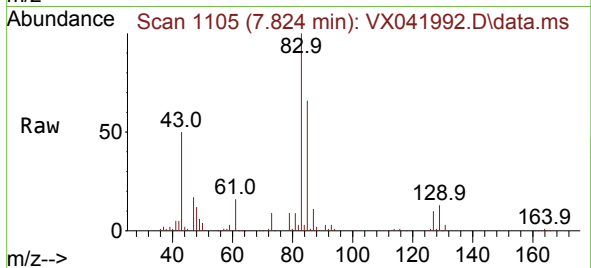
Tgt Ion: 93 Resp: 59117  
Ion Ratio Lower Upper  
93 100  
95 83.3 66.6 100.0  
174 126.5 69.4 104.0#



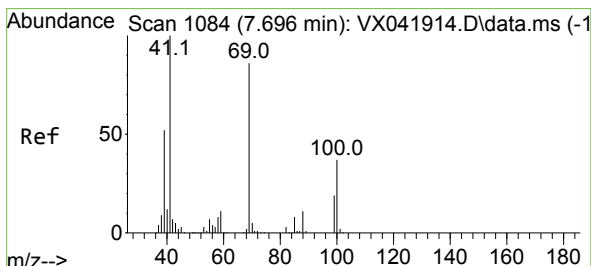
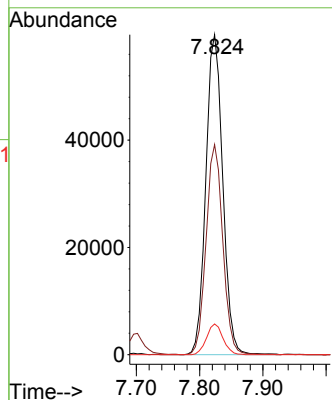
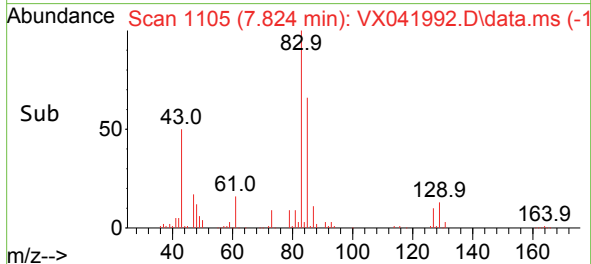


#47  
Bromodichloromethane  
Concen: 53.221 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Instrument :  
MSVOA\_X  
ClientSampleId :

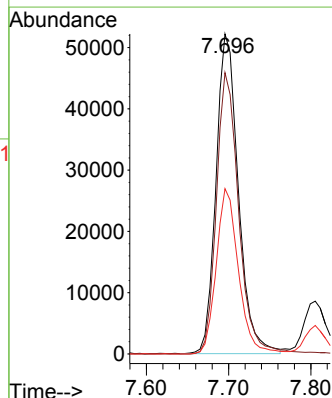
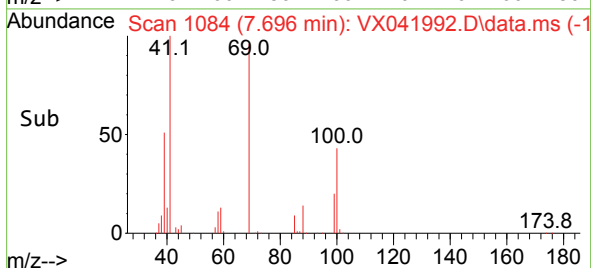
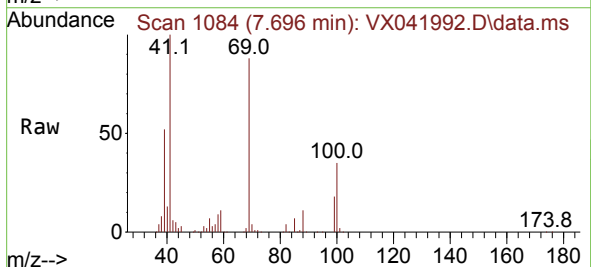


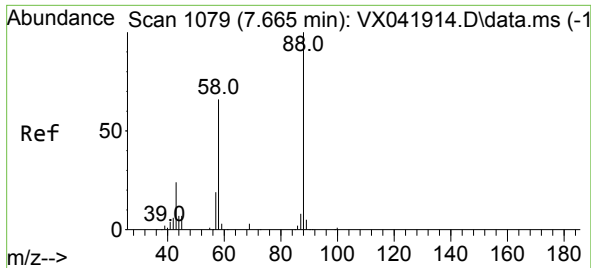
Tgt Ion: 83 Resp: 110951  
Ion Ratio Lower Upper  
83 100  
85 65.6 49.8 74.6  
127 9.6 7.1 10.7



#48  
Methyl methacrylate  
Concen: 54.918 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 41 Resp: 98481  
Ion Ratio Lower Upper  
41 100  
69 88.3 59.2 88.8  
39 51.5 47.7 71.5

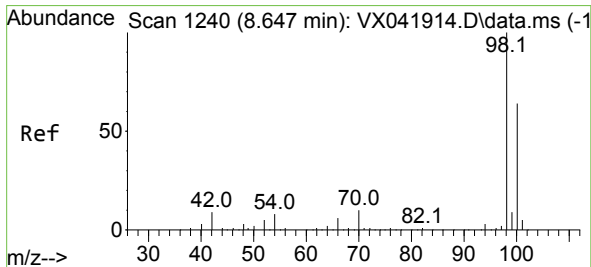
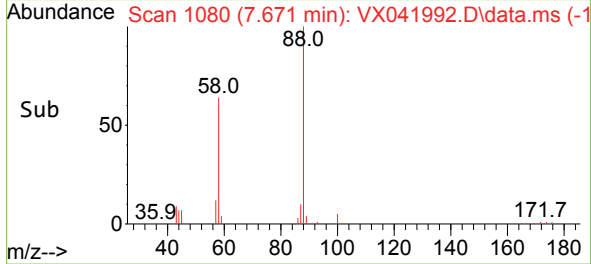
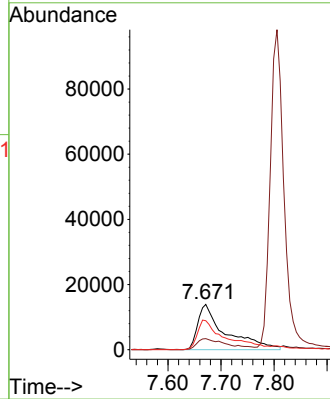
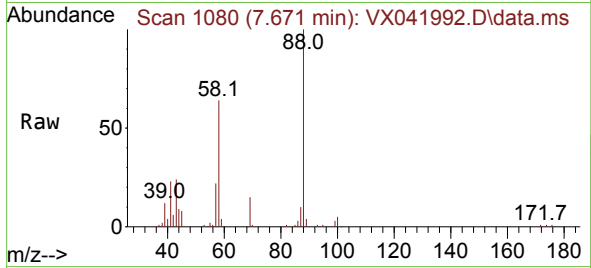




#49  
1,4-Dioxane  
Concen: 1059.684 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. 0.006 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

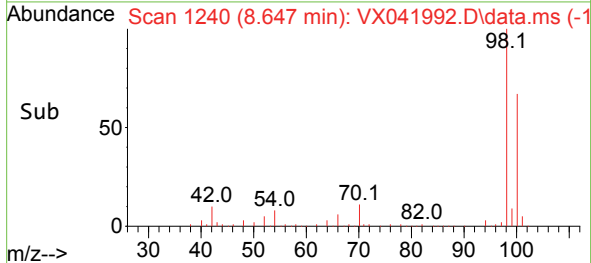
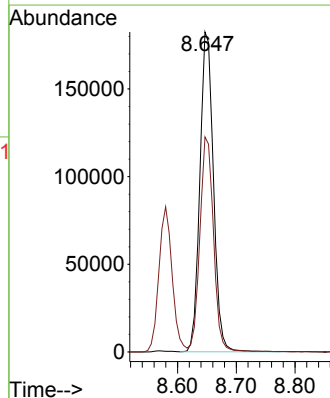
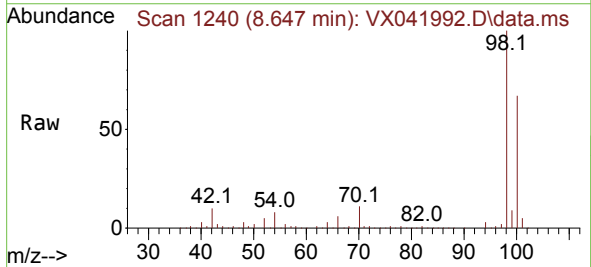
Instrument :  
MSVOA\_X  
ClientSampleId :

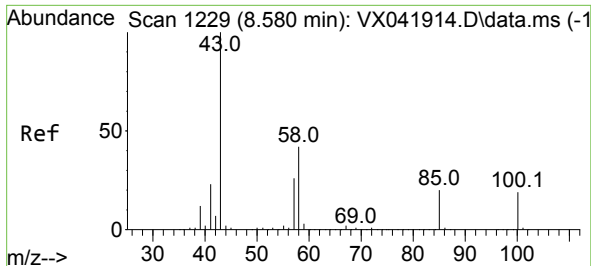
Tgt Ion: 88 Resp: 50339  
Ion Ratio Lower Upper  
88 100  
43 26.0 0.0 0.0#  
58 66.5 60.1 90.1



#50  
Toluene-d8  
Concen: 47.041 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 98 Resp: 292451  
Ion Ratio Lower Upper  
98 100  
100 67.3 53.1 79.7

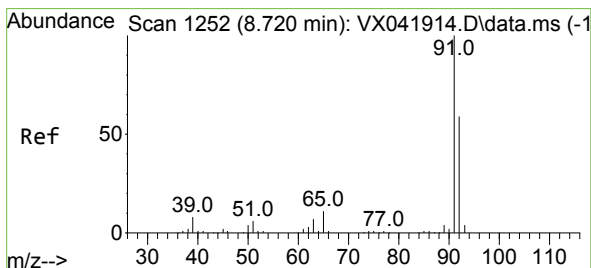
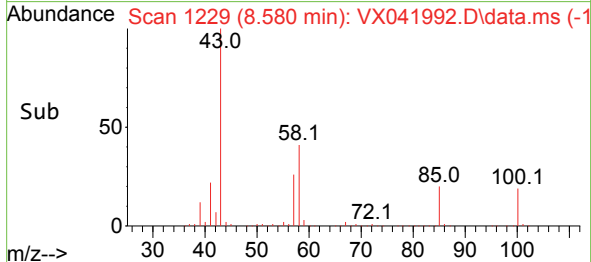
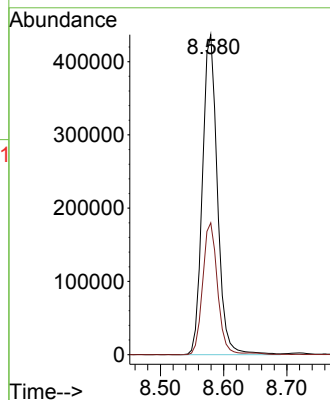
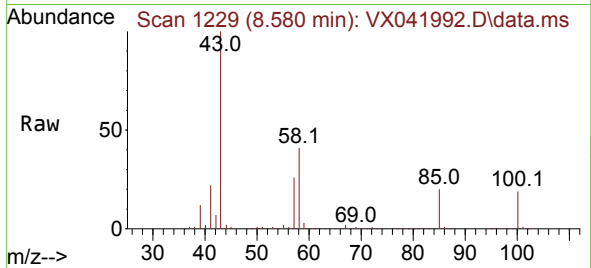




#51  
4-Methyl-2-Pentanone  
Concen: 277.998 ug/l  
RT: 8.580 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

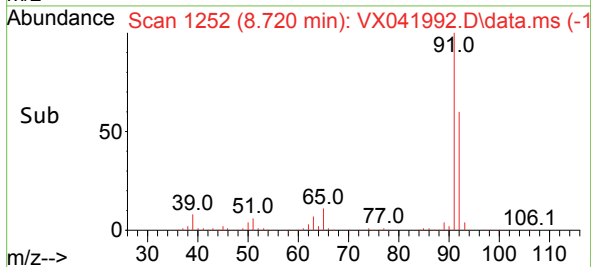
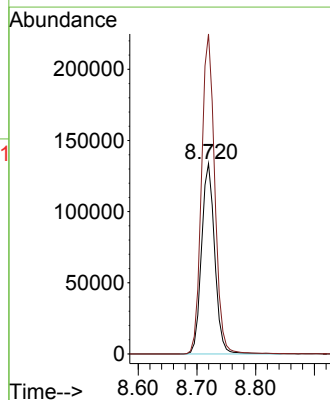
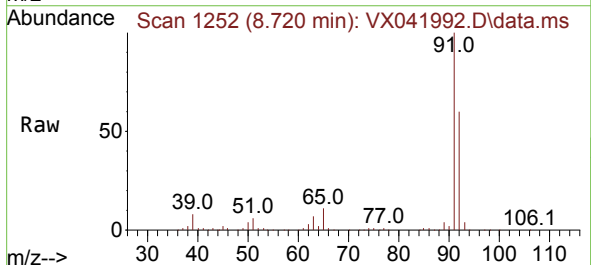
Instrument :  
MSVOA\_X  
ClientSampleId :

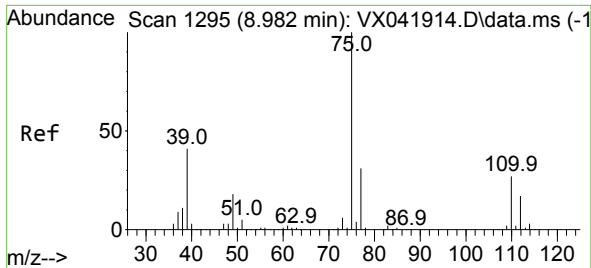
Tgt Ion: 43 Resp: 719548  
Ion Ratio Lower Upper  
43 100  
58 40.8 30.4 45.6



#52  
Toluene  
Concen: 51.507 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 92 Resp: 207876  
Ion Ratio Lower Upper  
92 100  
91 169.3 134.2 201.2

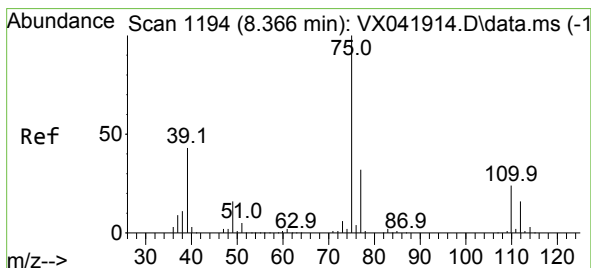
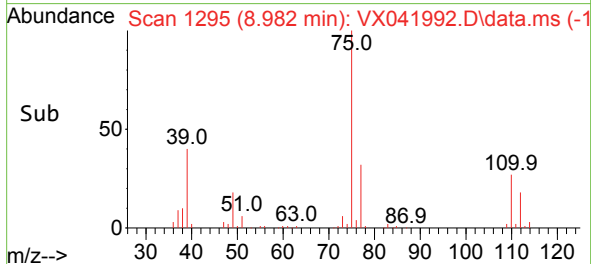
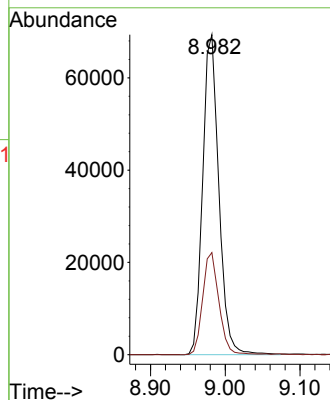
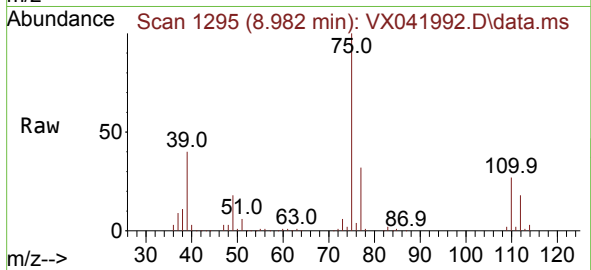




#53  
t-1,3-Dichloropropene  
Concen: 47.280 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

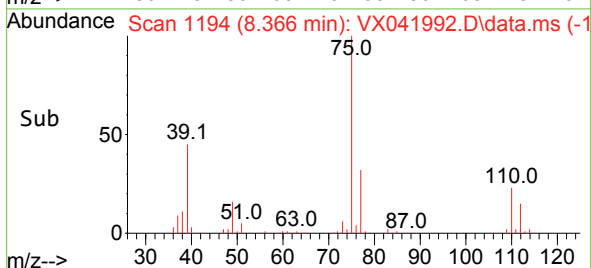
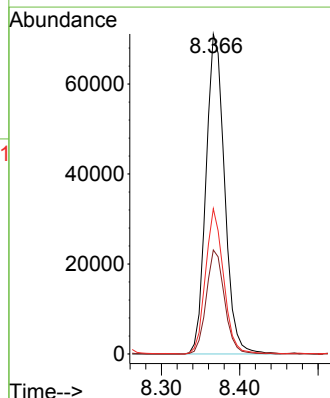
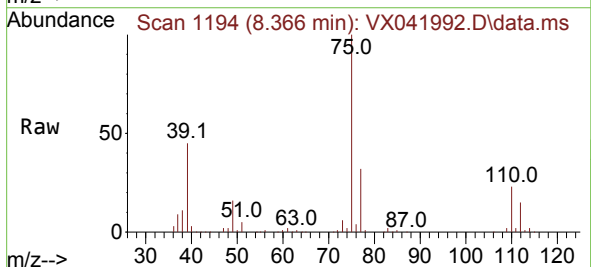
Instrument :  
MSVOA\_X  
ClientSampleId :

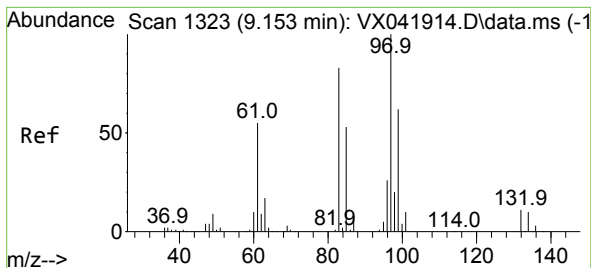
Tgt Ion: 75 Resp: 103999  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 51.227 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 75 Resp: 116920  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.3 37.9  
39 45.4 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 53.786 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

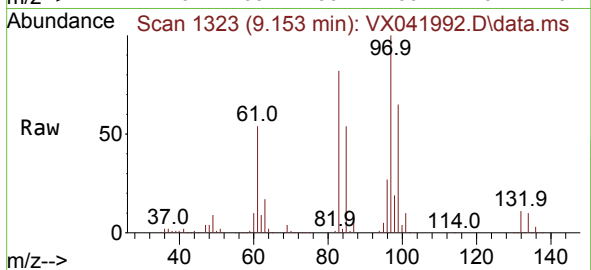
Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 97 Resp: 90431

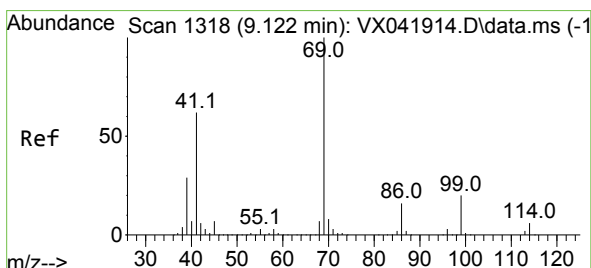
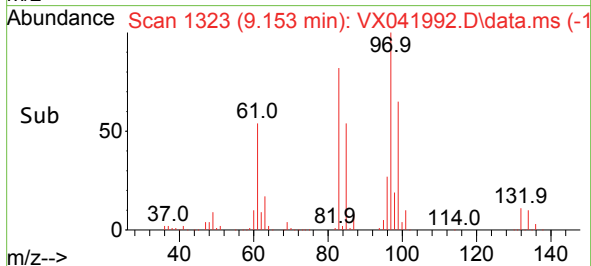
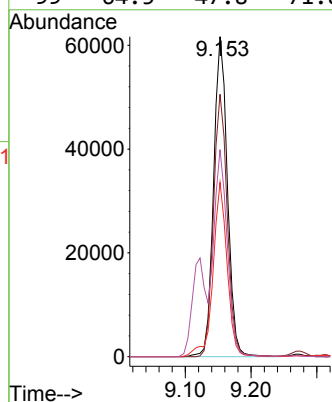
Ion Ratio Lower Upper

97 100

83 82.0 65.8 98.8

85 54.5 41.6 62.4

99 64.5 47.8 71.8



#56

Ethyl methacrylate

Concen: 54.077 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

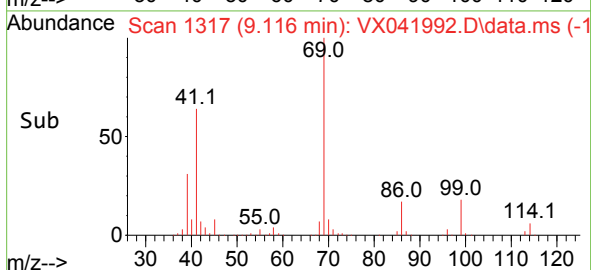
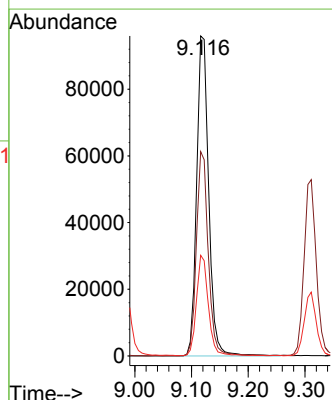
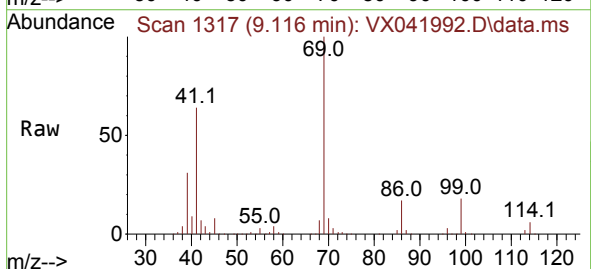
Tgt Ion: 69 Resp: 141444

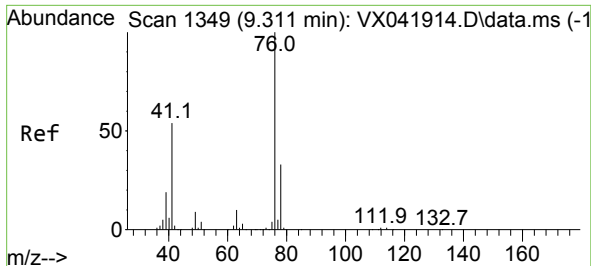
Ion Ratio Lower Upper

69 100

41 62.3 56.8 85.2

39 31.0 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 52.864 ug/l

RT: 9.311 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

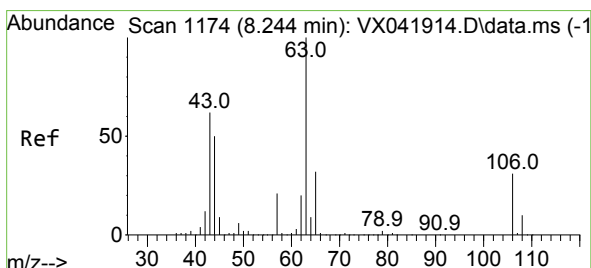
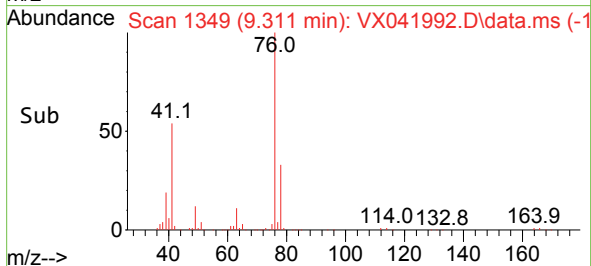
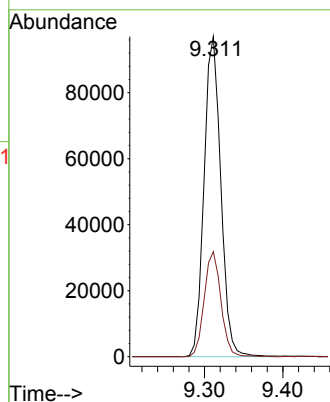
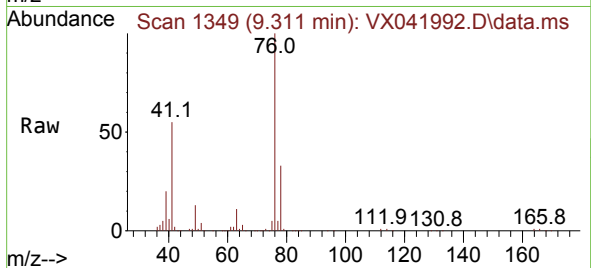
ClientSampleId :

Tgt Ion: 76 Resp: 143595

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 283.540 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX041992.D

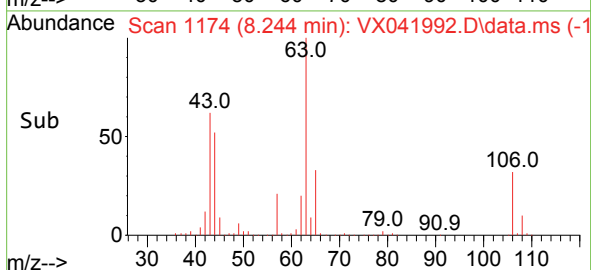
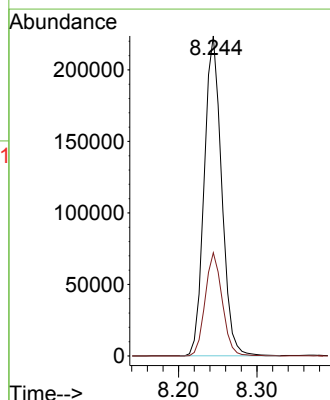
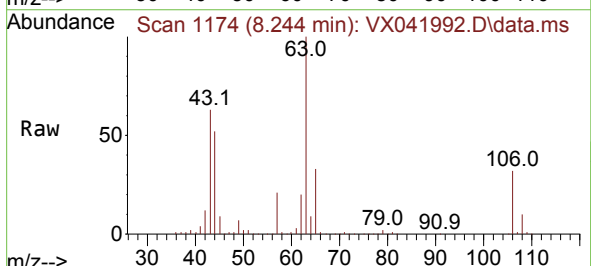
Acq: 21 Jun 2024 20:19

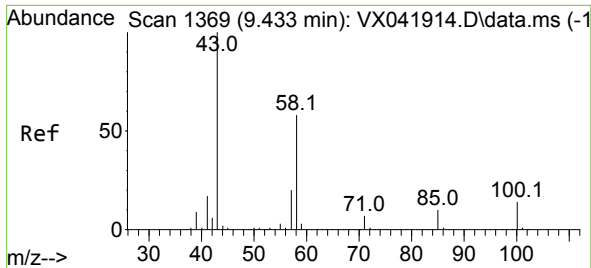
Tgt Ion: 63 Resp: 345607

Ion Ratio Lower Upper

63 100

106 31.6 22.5 33.7

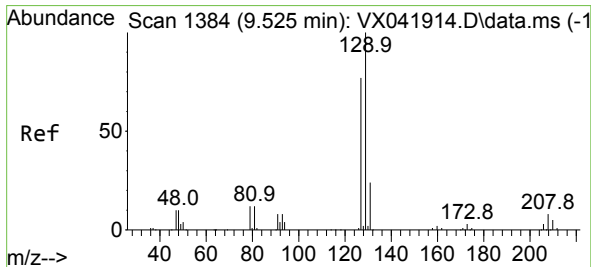
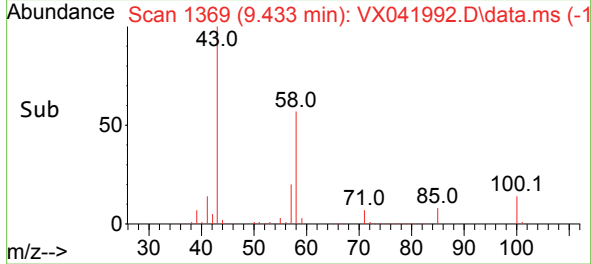
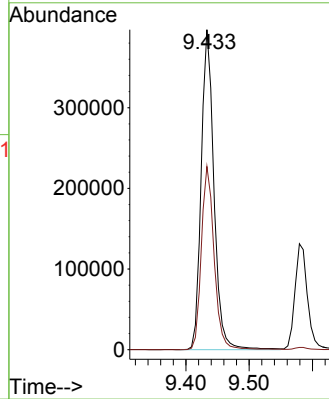
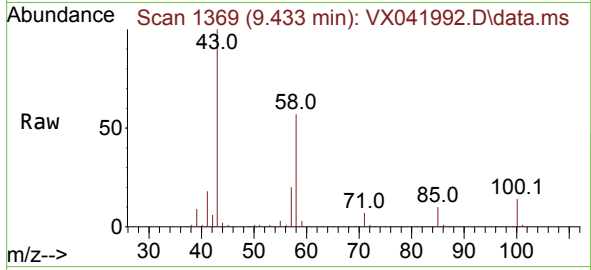




#59  
2-Hexanone  
Concen: 280.793 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

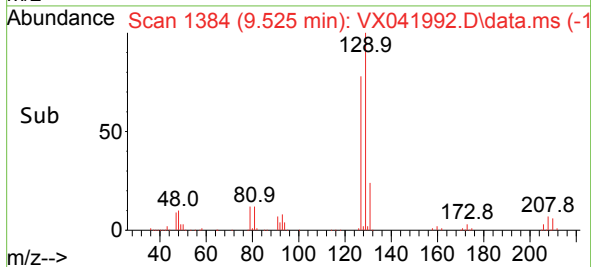
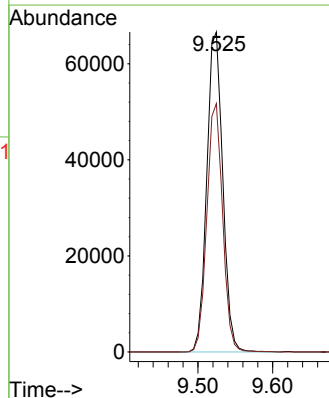
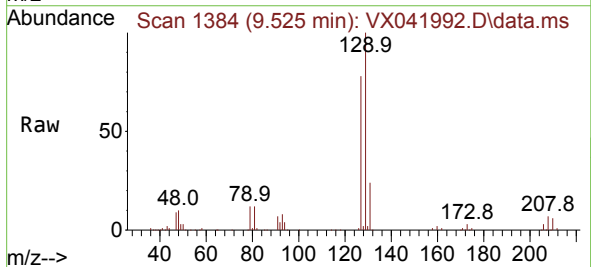
Instrument :  
MSVOA\_X  
ClientSampleId :

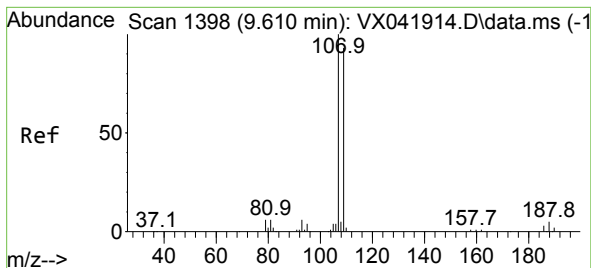
Tgt Ion: 43 Resp: 556652  
Ion Ratio Lower Upper  
43 100  
58 57.7 26.2 78.5



#60  
Dibromochloromethane  
Concen: 54.143 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 129 Resp: 98881  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.8 116.4

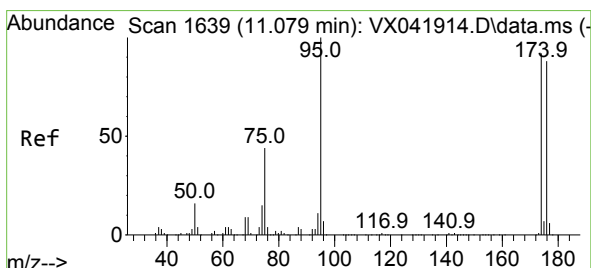
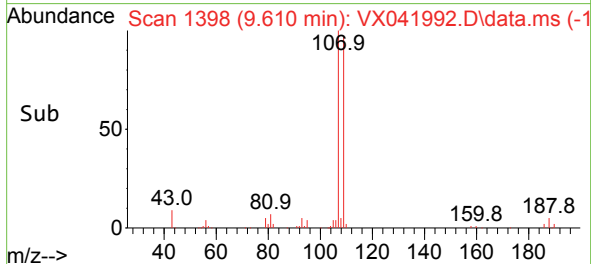
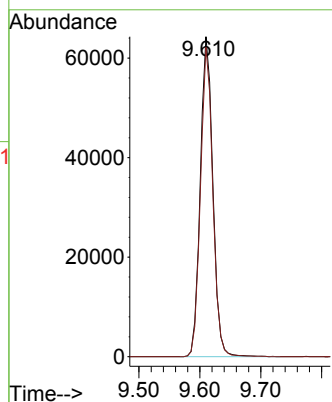
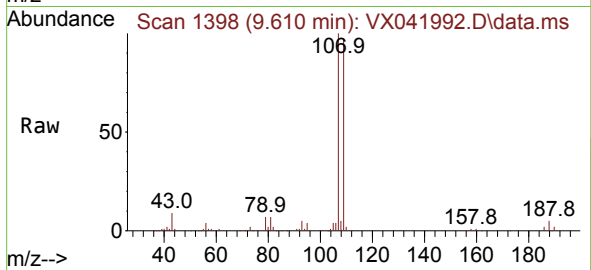




#61  
1,2-Dibromoethane  
Concen: 52.868 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

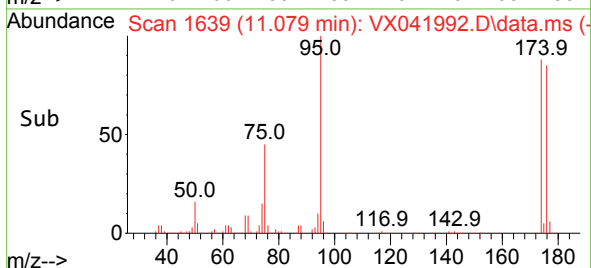
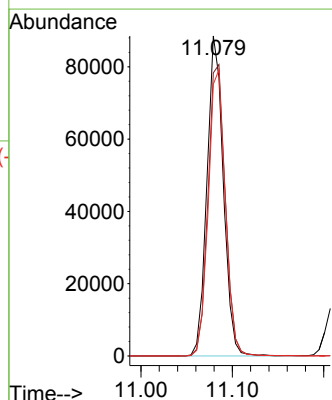
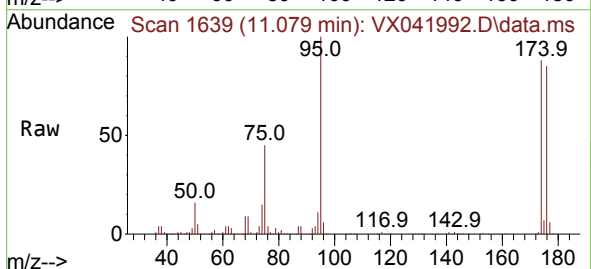
Instrument :  
MSVOA\_X  
ClientSampleId :

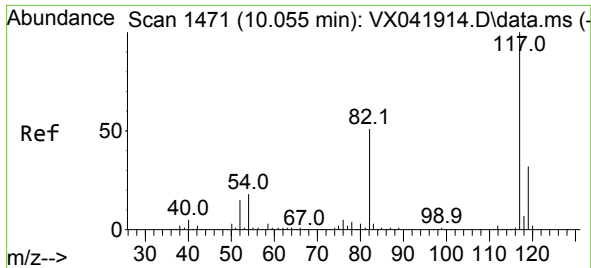
Tgt Ion:107 Resp: 92182  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 48.045 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 95 Resp: 110106  
Ion Ratio Lower Upper  
95 100  
174 96.3 0.0 135.6  
176 93.0 0.0 131.0

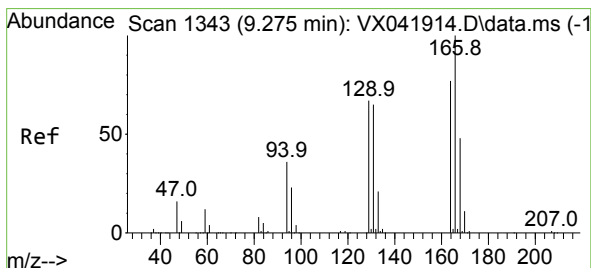
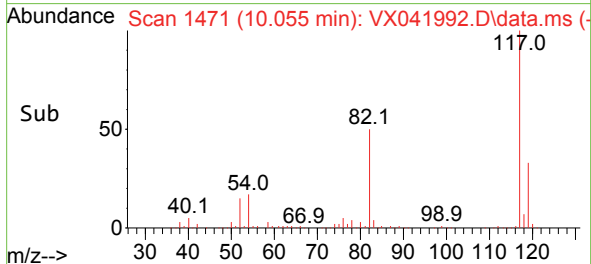
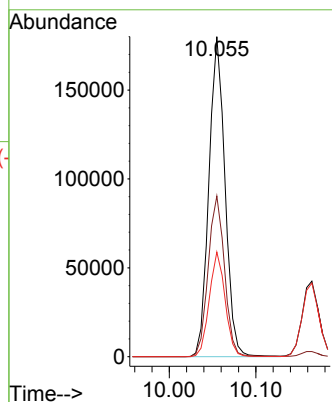
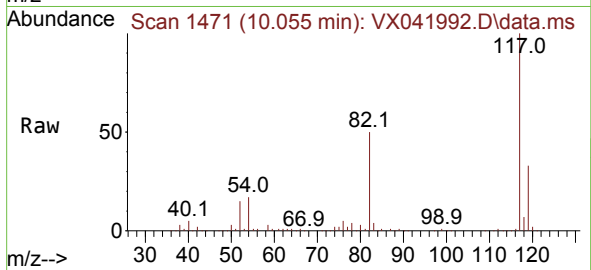




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

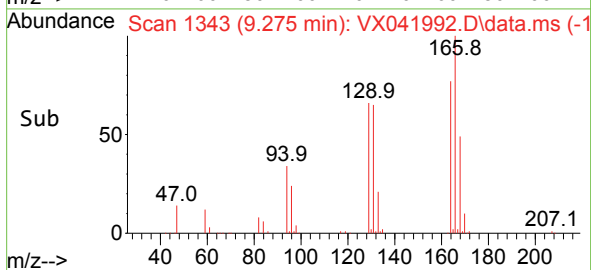
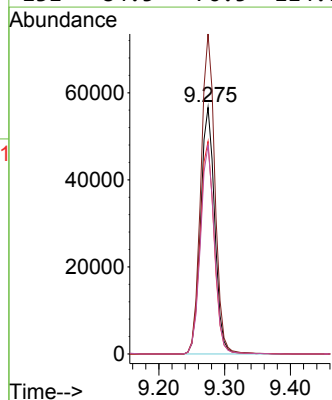
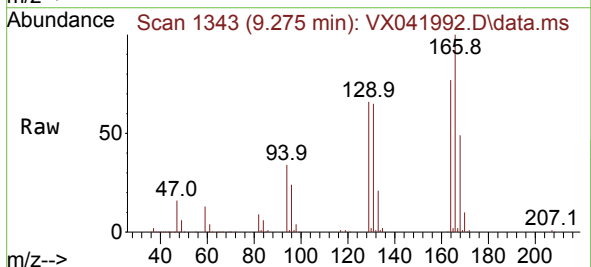
Instrument :  
MSVOA\_X  
ClientSampleId :

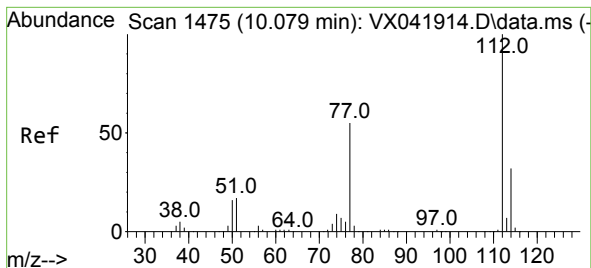
Tgt Ion:117 Resp: 232231  
Ion Ratio Lower Upper  
117 100  
82 50.2 46.2 69.4  
119 32.7 25.5 38.3



#64  
Tetrachloroethene  
Concen: 49.860 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion:164 Resp: 84306  
Ion Ratio Lower Upper  
164 100  
166 129.8 102.7 154.1  
129 86.2 80.4 120.6  
131 84.5 76.5 114.7

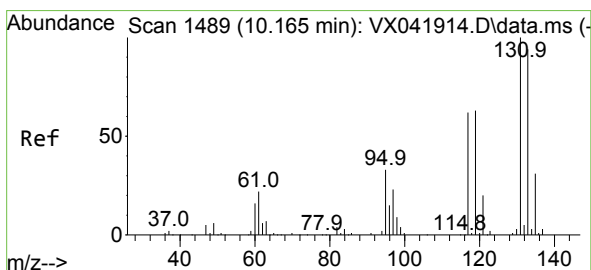
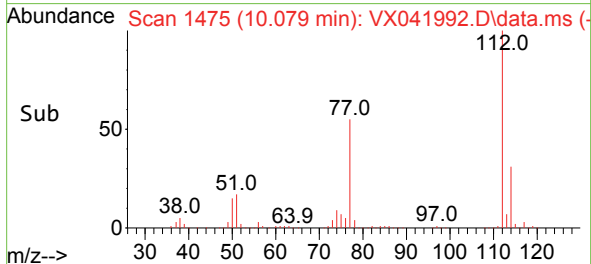
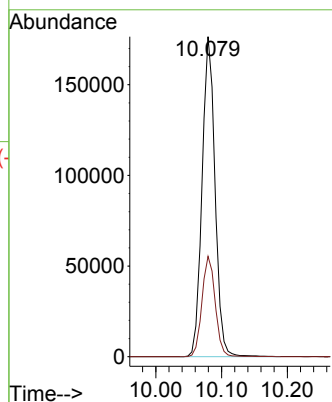
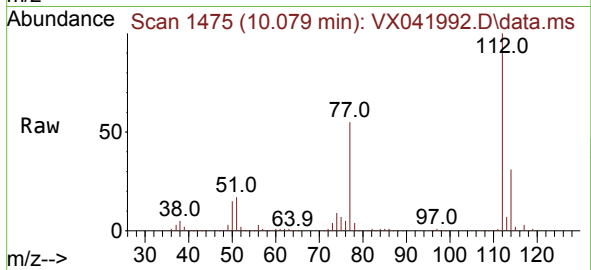




#65  
Chlorobenzene  
Concen: 49.971 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

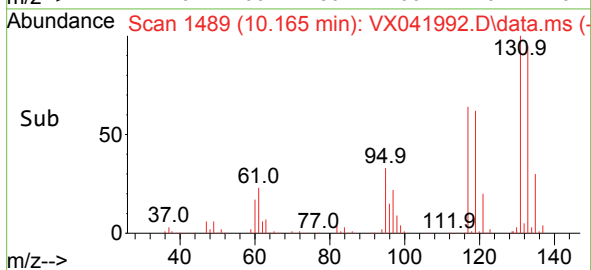
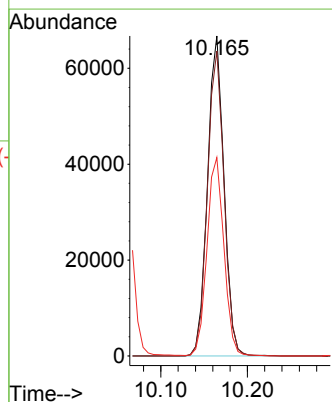
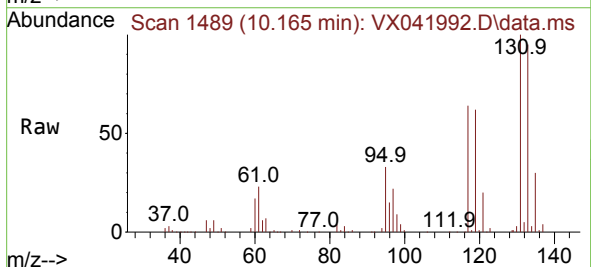
Instrument :  
MSVOA\_X  
ClientSampleId :

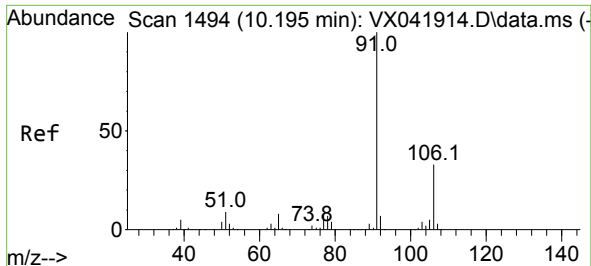
Tgt Ion:112 Resp: 241353  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.238 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion:131 Resp: 88333  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.1 141.4  
119 63.8 32.2 96.6





#67

Ethyl Benzene

Concen: 51.703 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

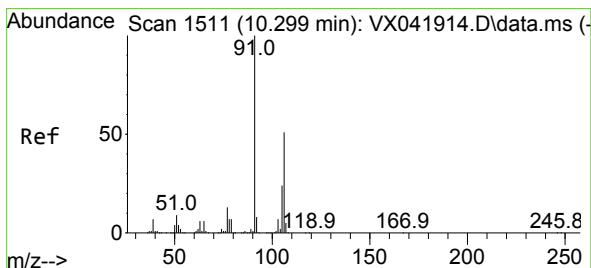
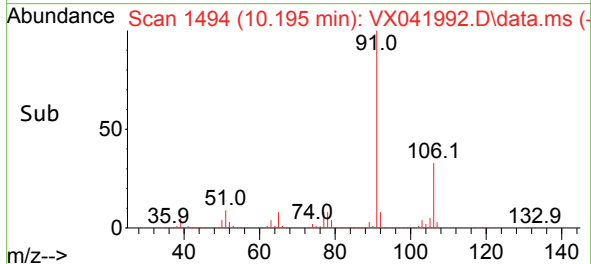
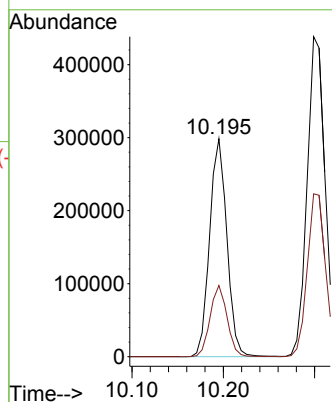
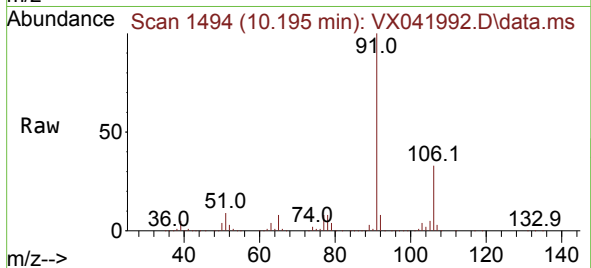
ClientSampleId :

Tgt Ion: 91 Resp: 391347

Ion Ratio Lower Upper

91 100

106 32.7 24.9 37.3



#68

m/p-Xylenes

Concen: 101.938 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX041992.D

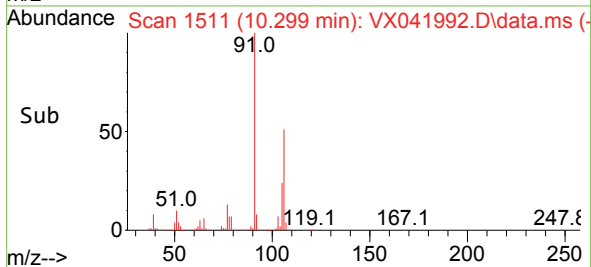
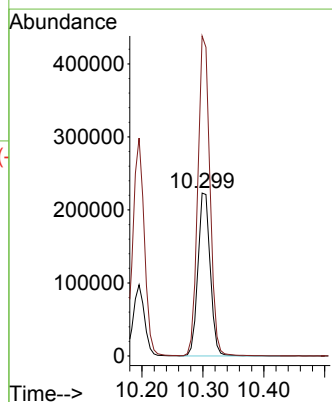
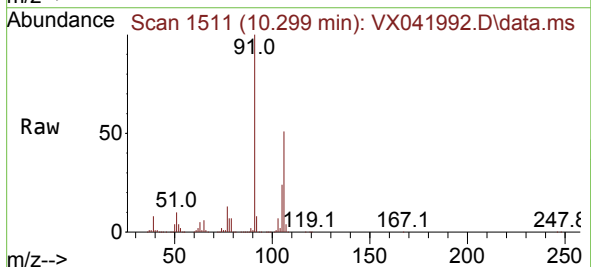
Acq: 21 Jun 2024 20:19

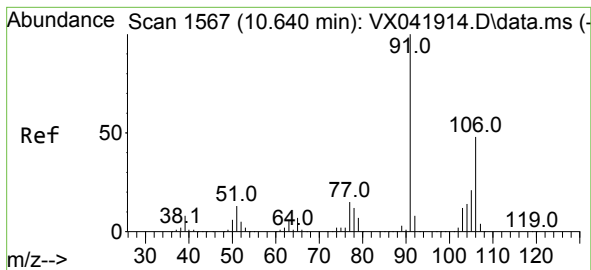
Tgt Ion:106 Resp: 311467

Ion Ratio Lower Upper

106 100

91 193.7 165.5 248.3

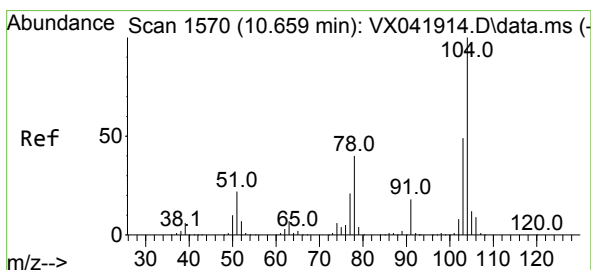
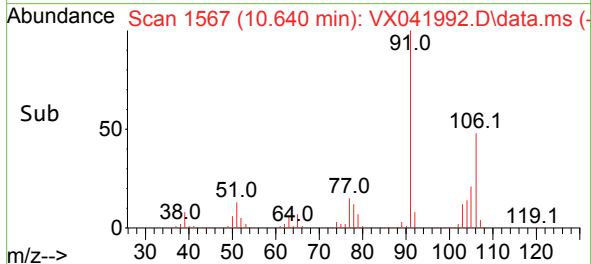
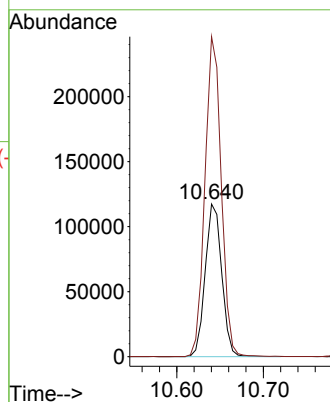
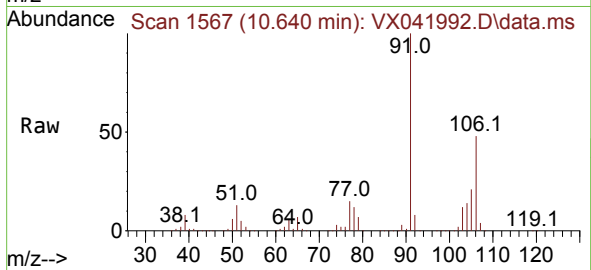




#69  
o-Xylene  
Concen: 51.417 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

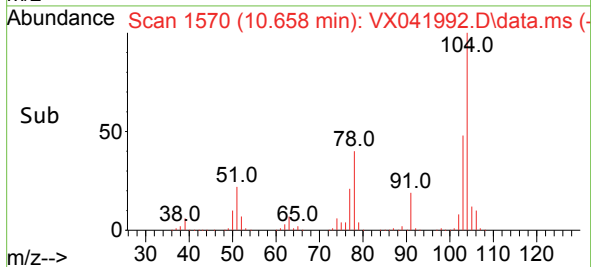
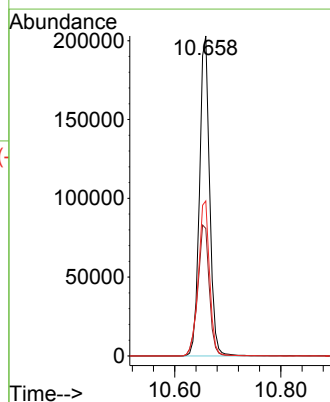
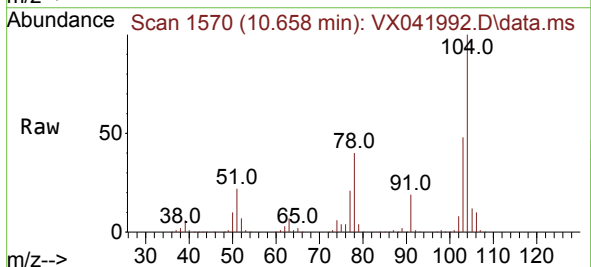
Instrument :  
MSVOA\_X  
ClientSampleId :

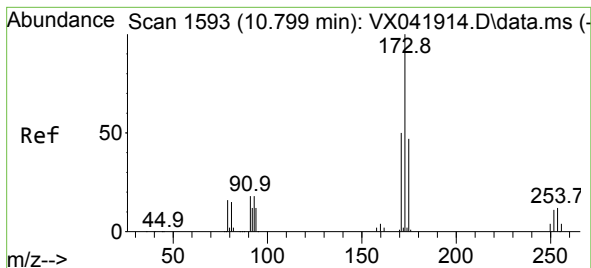
Tgt Ion:106 Resp: 155539  
Ion Ratio Lower Upper  
106 100  
91 207.0 108.9 326.8



#70  
Styrene  
Concen: 53.364 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion:104 Resp: 270694  
Ion Ratio Lower Upper  
104 100  
78 46.0 43.6 65.4  
103 53.6 43.6 65.4





#71

Bromoform

Concen: 48.269 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

ClientSampleId :

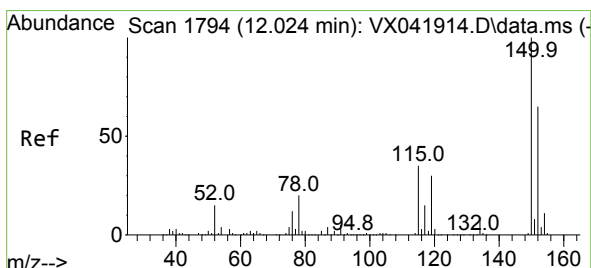
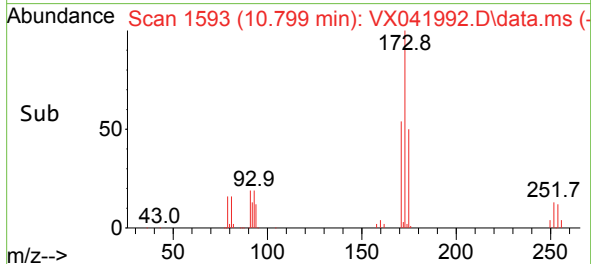
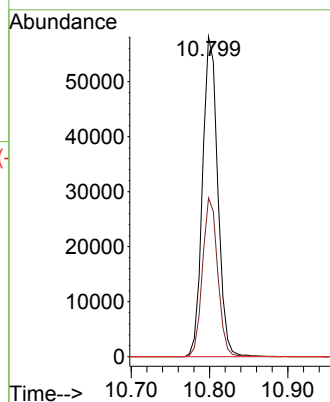
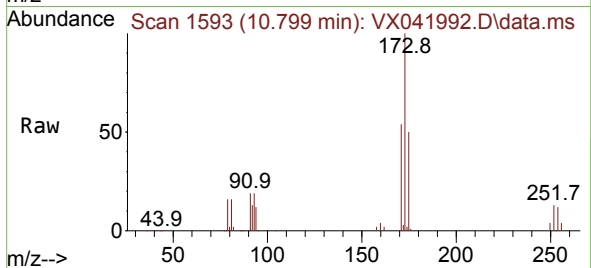
Tgt Ion:173 Resp: 78594

Ion Ratio Lower Upper

173 100

175 49.6 24.1 72.4

254 0.0 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: VX041992.D

Acq: 21 Jun 2024 20:19

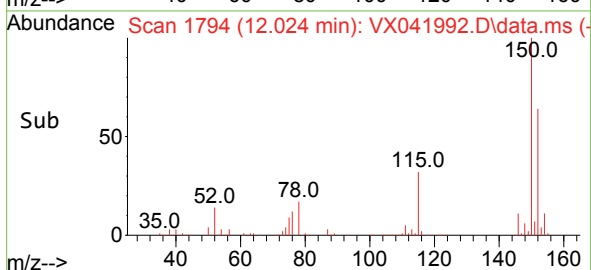
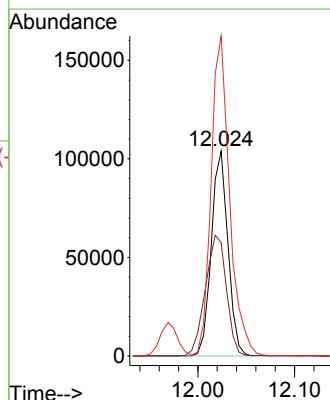
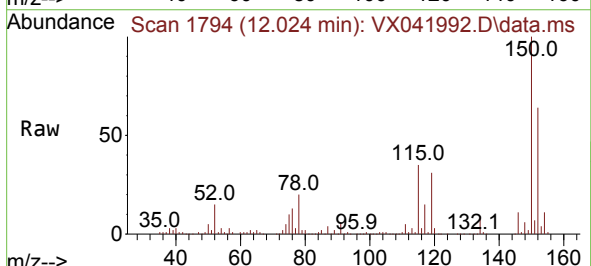
Tgt Ion:152 Resp: 124413

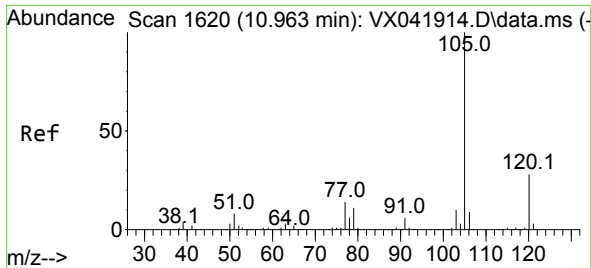
Ion Ratio Lower Upper

152 100

115 74.9 43.3 129.9

150 173.2 0.0 345.0

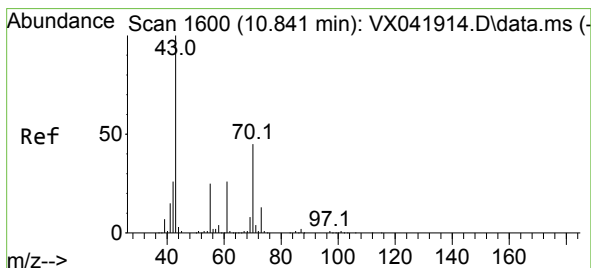
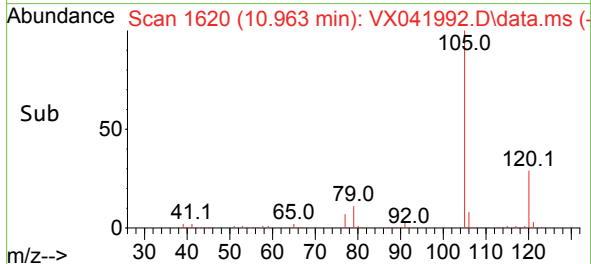
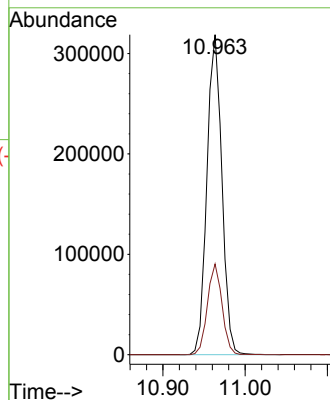
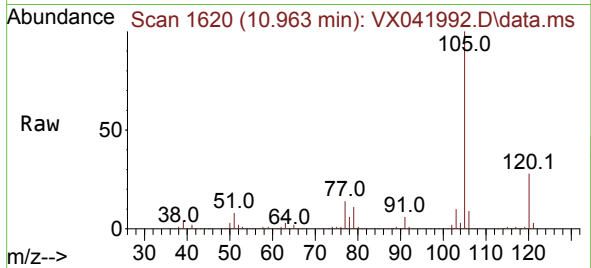




#73  
Isopropylbenzene  
Concen: 53.114 ug/l  
RT: 10.963 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

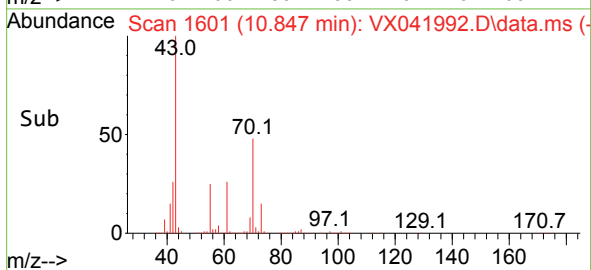
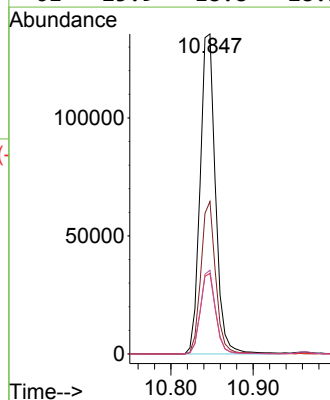
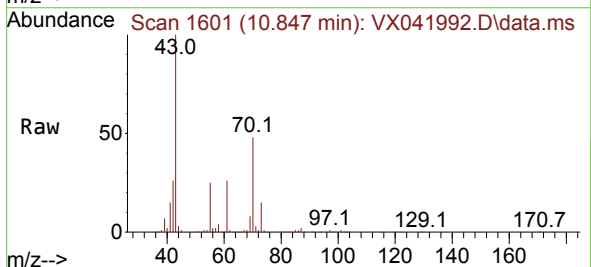
Instrument :  
MSVOA\_X  
ClientSampleId :

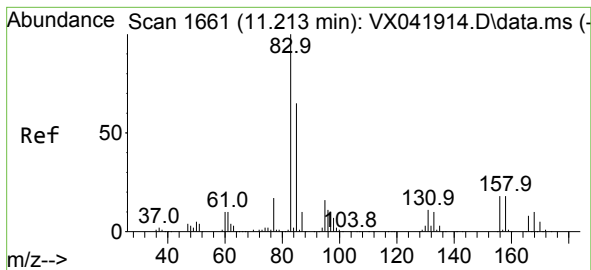
Tgt Ion:105 Resp: 401800  
Ion Ratio Lower Upper  
105 100  
120 27.7 12.9 38.6



#74  
N-ethyl acetate  
Concen: 52.418 ug/l  
RT: 10.847 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 43 Resp: 176138  
Ion Ratio Lower Upper  
43 100  
70 46.0 32.9 49.3  
55 25.2 19.3 28.9  
61 25.9 18.8 28.2

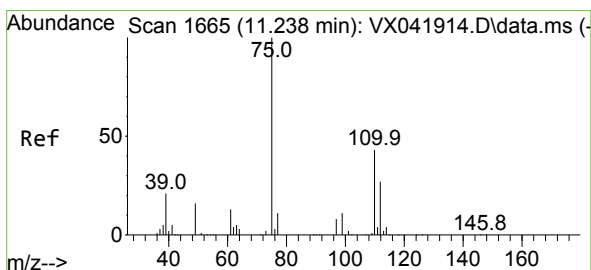
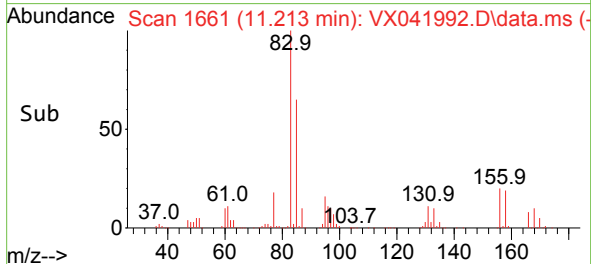
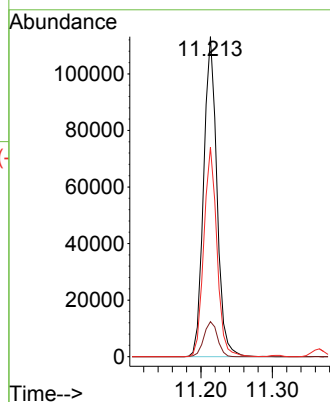
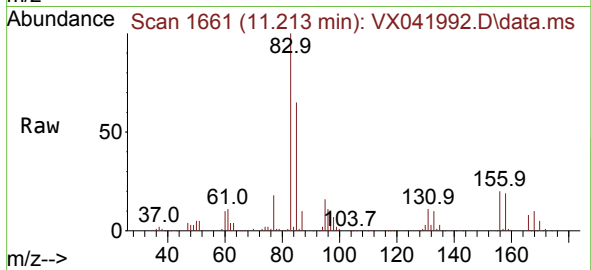




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.912 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

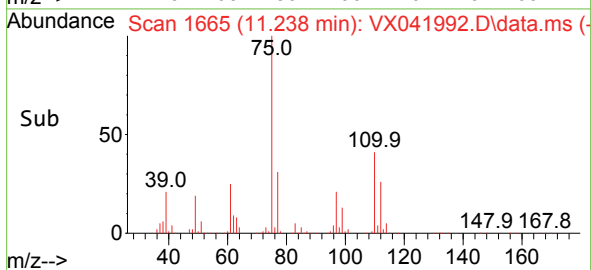
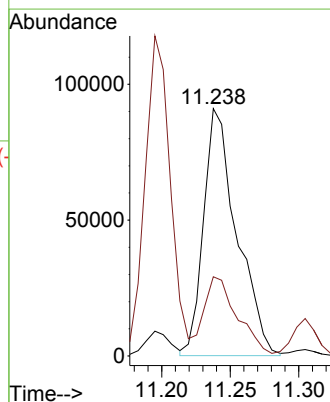
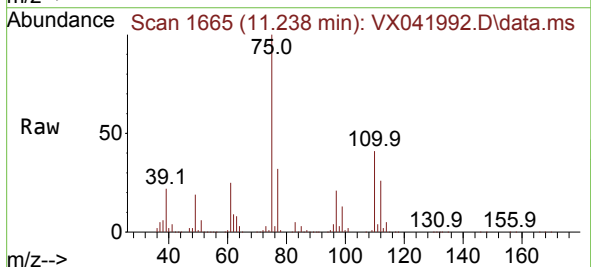
Instrument :  
MSVOA\_X  
ClientSampleId :

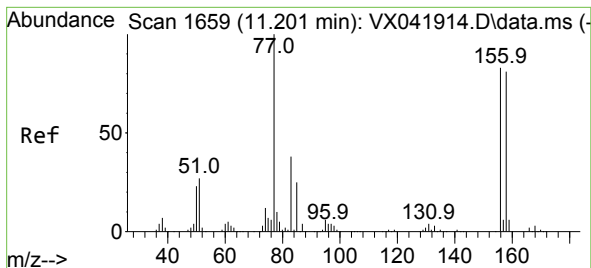
Tgt Ion: 83 Resp: 146017  
Ion Ratio Lower Upper  
83 100  
131 11.3 5.3 15.8  
85 64.6 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 68.061 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 75 Resp: 153722  
Ion Ratio Lower Upper  
75 100  
77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 50.967 ug/l

RT: 11.201 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

ClientSampleId :

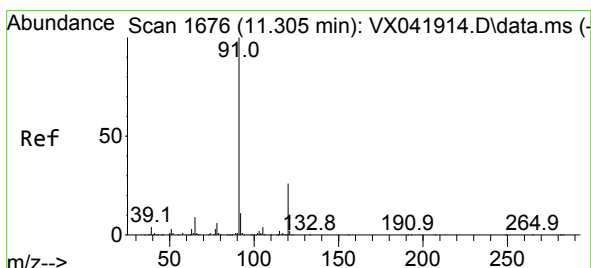
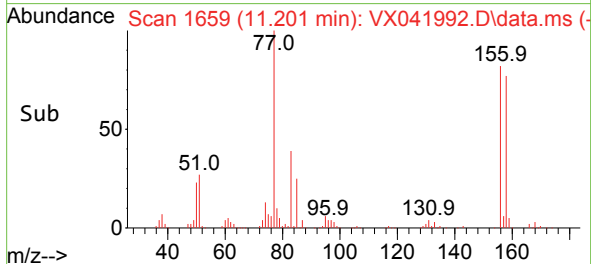
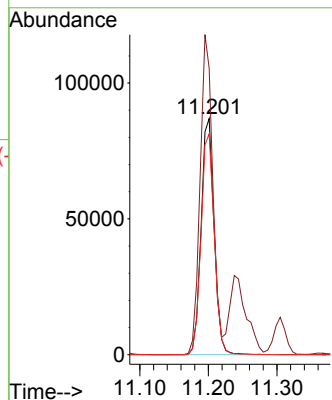
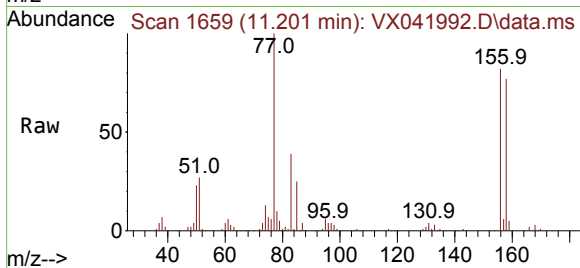
Tgt Ion:156 Resp: 114828

Ion Ratio Lower Upper

156 100

77 131.7 88.4 265.3

158 95.2 48.0 144.0



#78

n-propylbenzene

Concen: 53.008 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041992.D

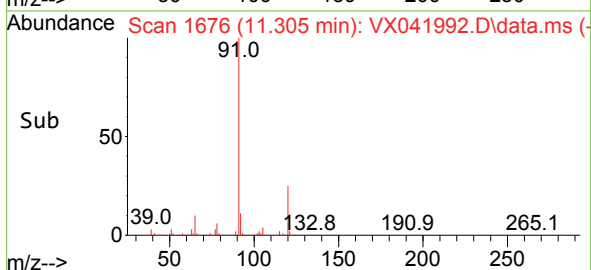
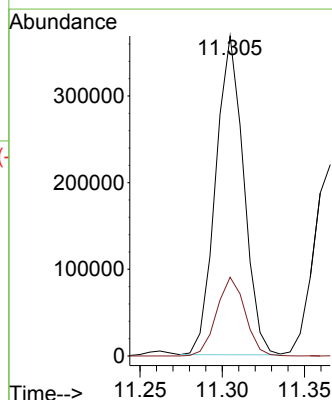
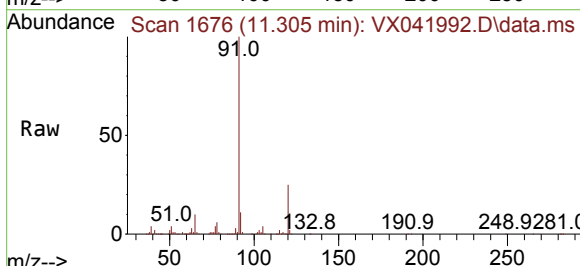
Acq: 21 Jun 2024 20:19

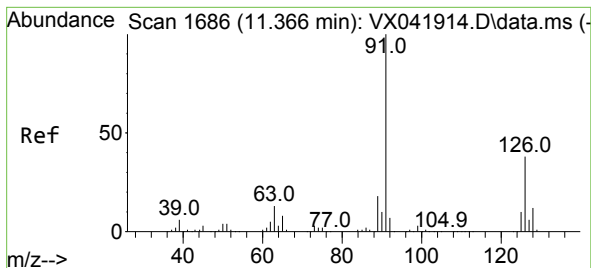
Tgt Ion: 91 Resp: 435088

Ion Ratio Lower Upper

91 100

120 25.2 11.5 34.4

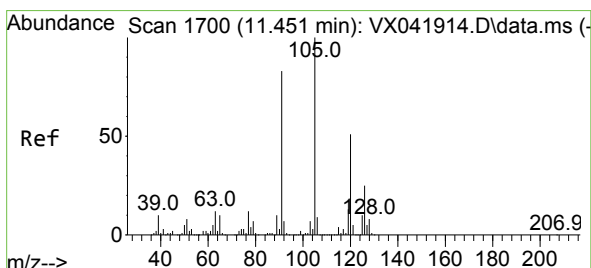
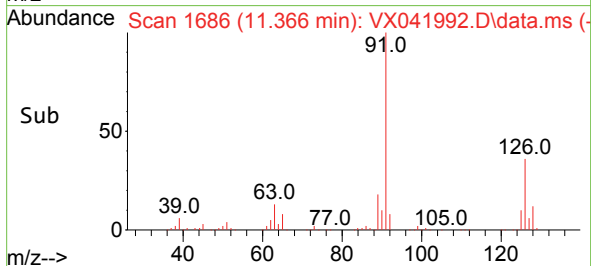
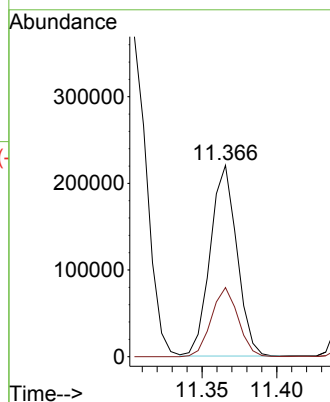
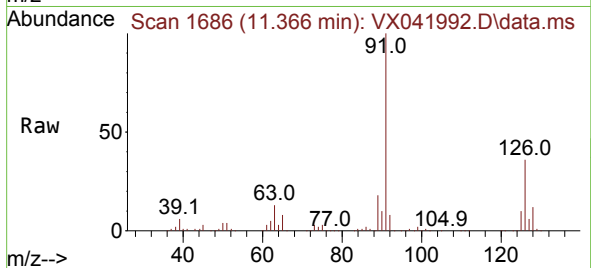




#79  
2-Chlorotoluene  
Concen: 51.703 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

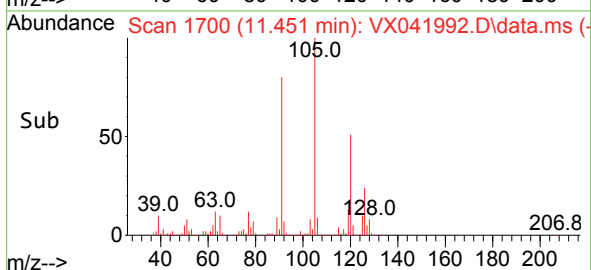
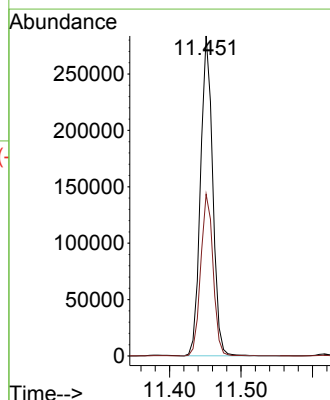
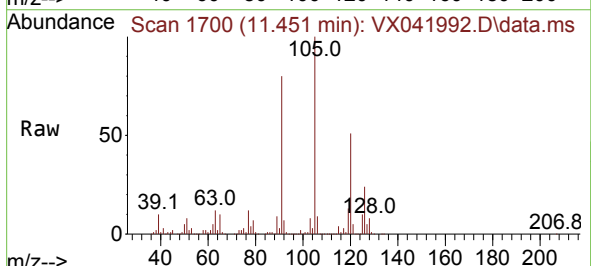
Instrument :  
MSVOA\_X  
ClientSampleId :

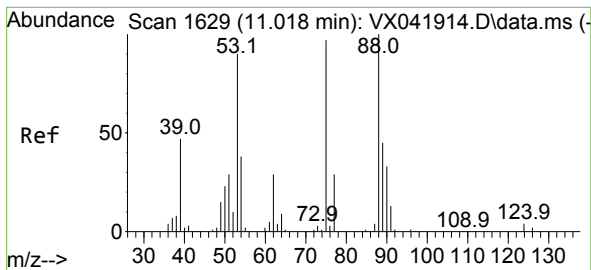
Tgt Ion: 91 Resp: 273423  
Ion Ratio Lower Upper  
91 100  
126 36.4 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 53.174 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion: 105 Resp: 335045  
Ion Ratio Lower Upper  
105 100  
120 51.3 24.1 72.3

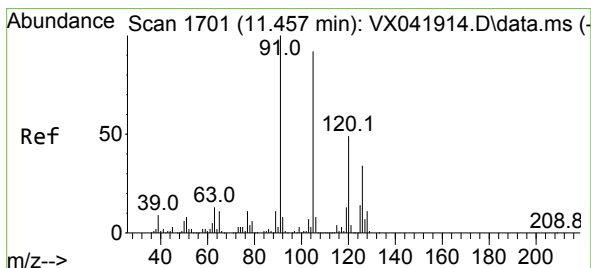
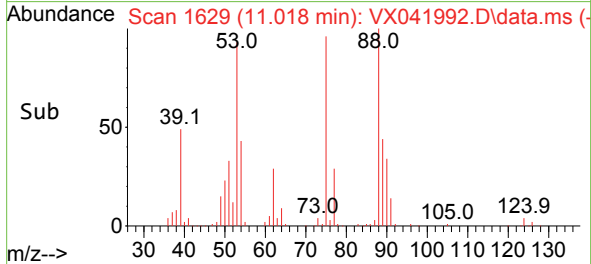
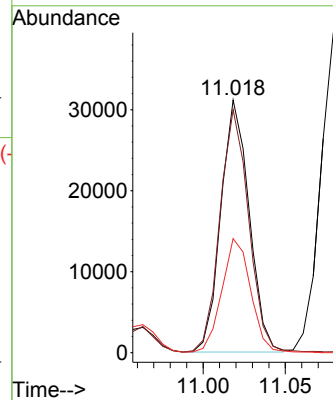
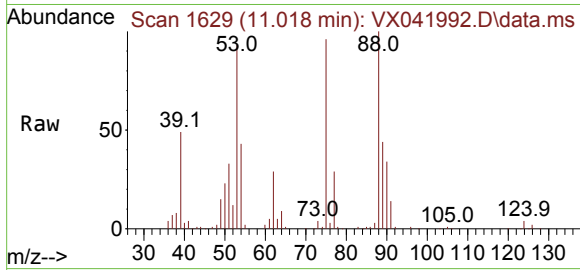




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 46.831 ug/l  
 RT: 11.018 min Scan# 1629  
 Delta R.T. -0.000 min  
 Lab File: VX041992.D  
 Acq: 21 Jun 2024 20:19

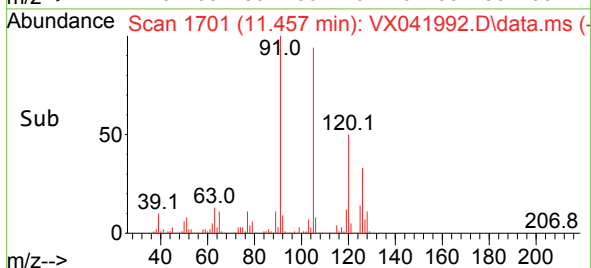
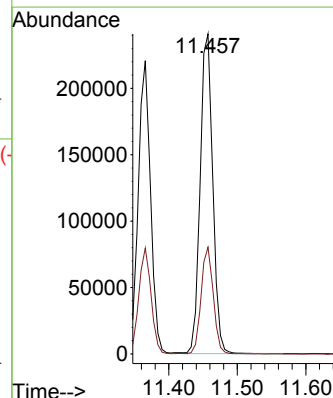
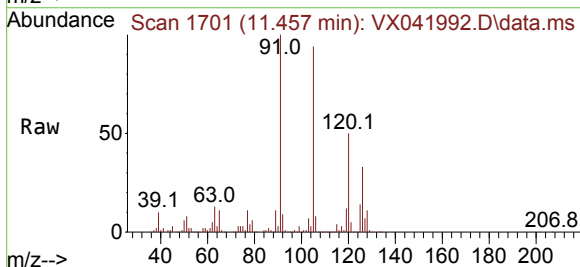
Instrument :  
 MSVOA\_X  
 ClientSampleId :

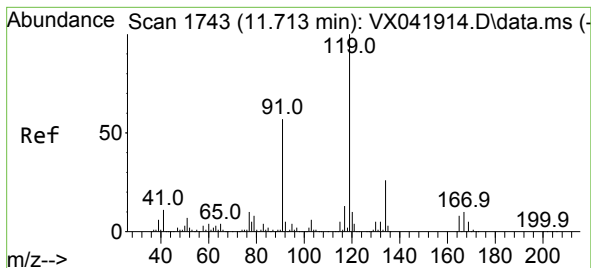
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 37245 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 99.2  | 90.5  | 135.7 |
| 89       | 46.4  | 36.9  | 55.3  |



#82  
 4-Chlorotoluene  
 Concen: 52.701 ug/l  
 RT: 11.457 min Scan# 1701  
 Delta R.T. -0.000 min  
 Lab File: VX041992.D  
 Acq: 21 Jun 2024 20:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 308090 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 32.4  | 14.2  | 42.6   |





#83

tert-Butylbenzene

Concen: 52.698 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

ClientSampleId :

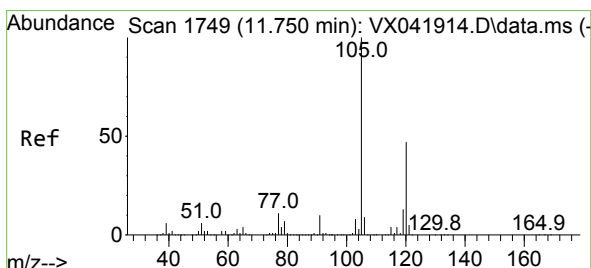
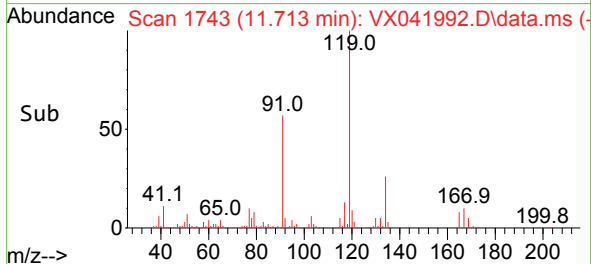
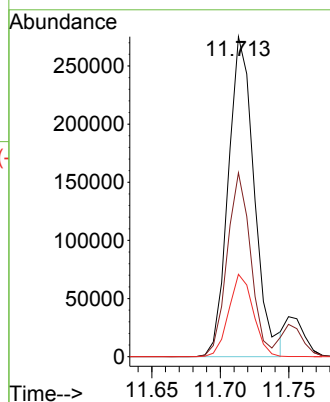
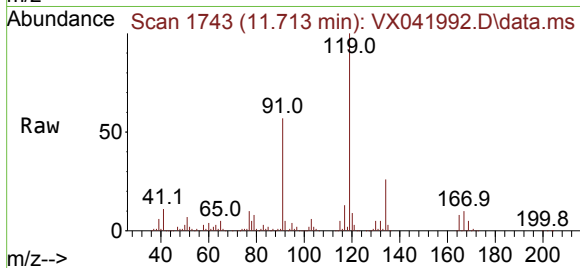
Tgt Ion:119 Resp: 364342

Ion Ratio Lower Upper

119 100

91 52.1 31.2 93.6

134 24.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 53.182 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041992.D

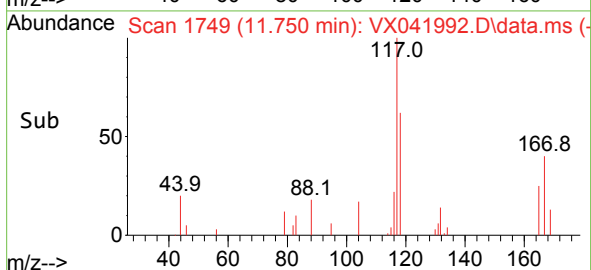
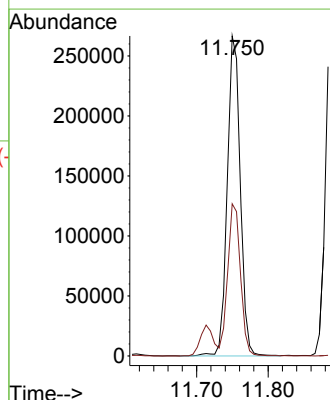
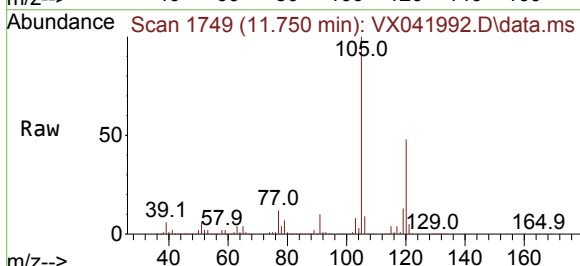
Acq: 21 Jun 2024 20:19

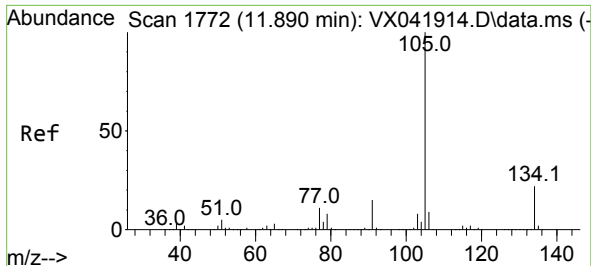
Tgt Ion:105 Resp: 336187

Ion Ratio Lower Upper

105 100

120 46.9 21.2 63.6

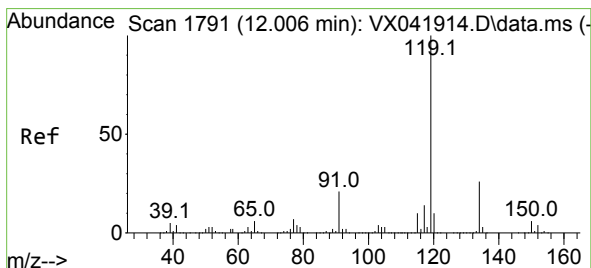
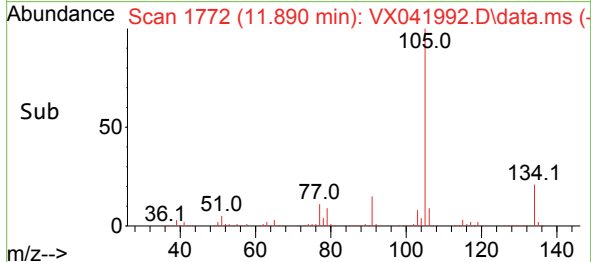
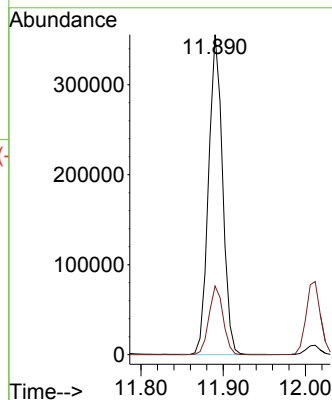
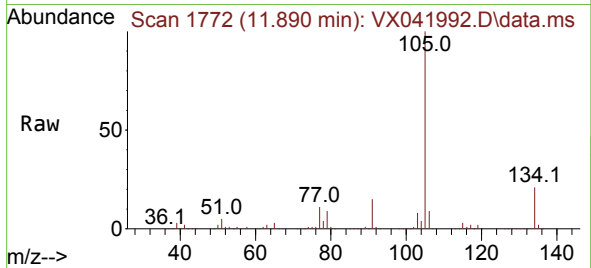




#85  
 sec-Butylbenzene  
 Concen: 53.817 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX041992.D  
 Acq: 21 Jun 2024 20:19

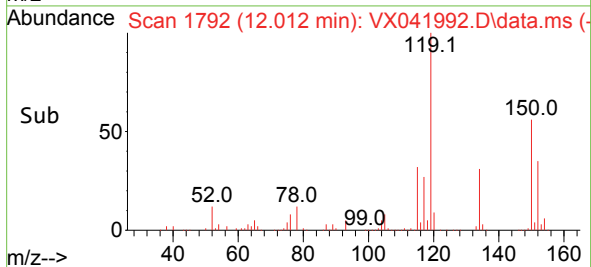
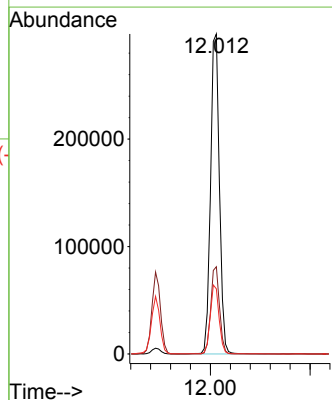
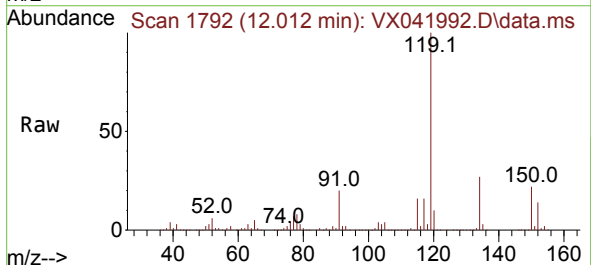
Instrument :  
 MSVOA\_X  
 ClientSampleId :

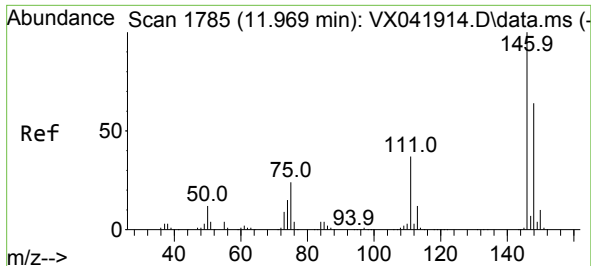
Tgt Ion:105 Resp: 420849  
 Ion Ratio Lower Upper  
 105 100  
 134 21.7 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 53.753 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX041992.D  
 Acq: 21 Jun 2024 20:19

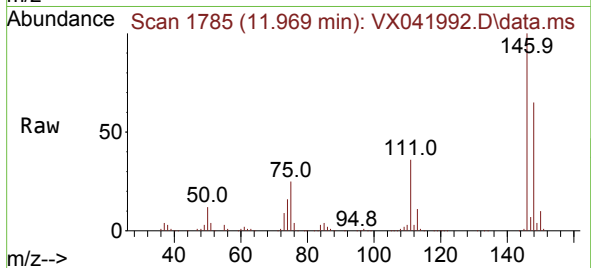
Tgt Ion:119 Resp: 367193  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 12.8 38.3  
 91 21.3 13.1 39.3



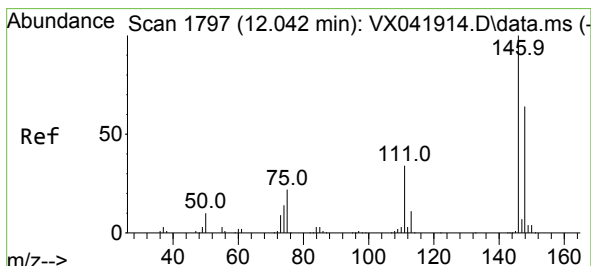
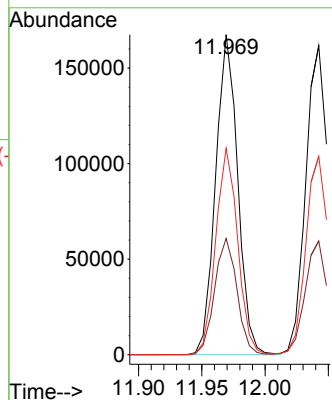
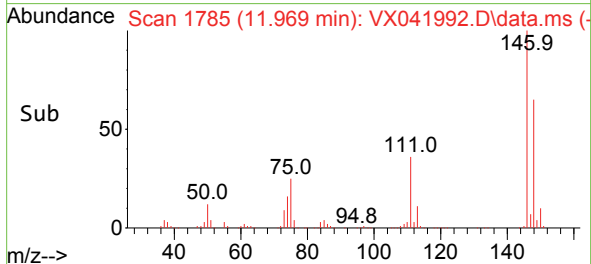


#87  
1,3-Dichlorobenzene  
Concen: 51.308 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

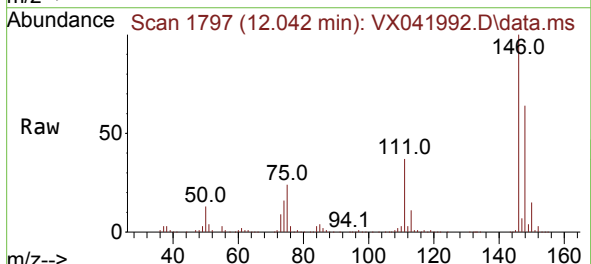
Instrument :  
MSVOA\_X  
ClientSampleId :



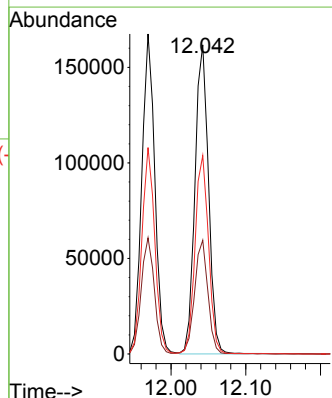
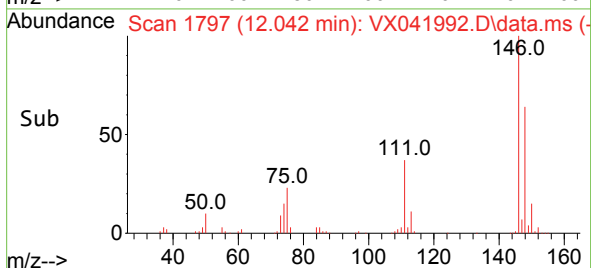
Tgt Ion:146 Resp: 203184  
Ion Ratio Lower Upper  
146 100  
111 36.8 22.1 66.1  
148 64.1 31.8 95.3

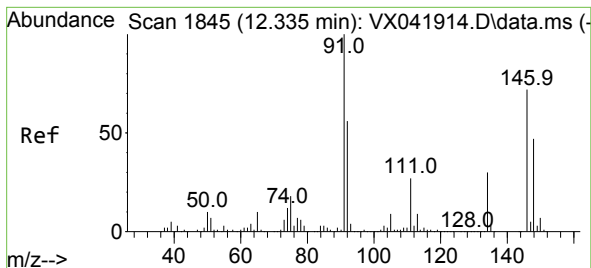


#88  
1,4-Dichlorobenzene  
Concen: 50.077 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19



Tgt Ion:146 Resp: 203473  
Ion Ratio Lower Upper  
146 100  
111 36.1 21.3 63.7  
148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 53.047 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

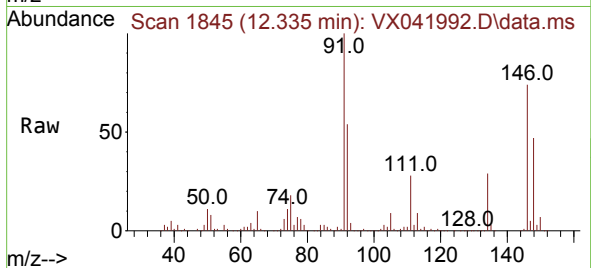
Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

ClientSampleId :



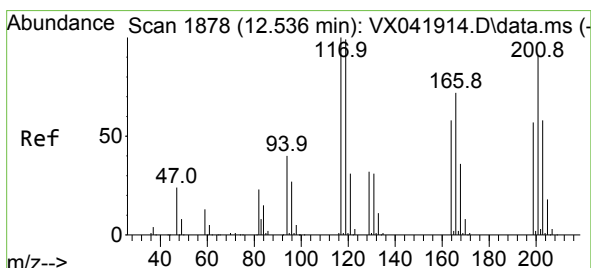
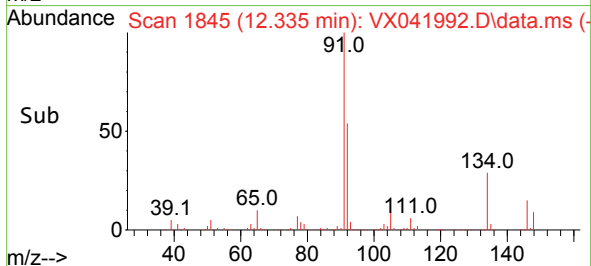
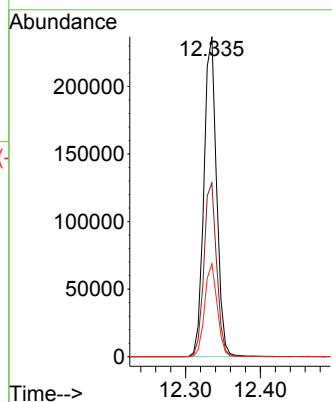
Tgt Ion: 91 Resp: 278944

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.0

134 28.8 12.6 37.8



#90

Hexachloroethane

Concen: 51.997 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX041992.D

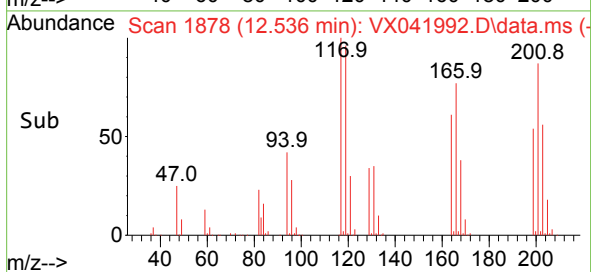
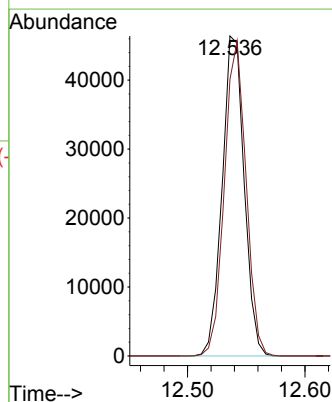
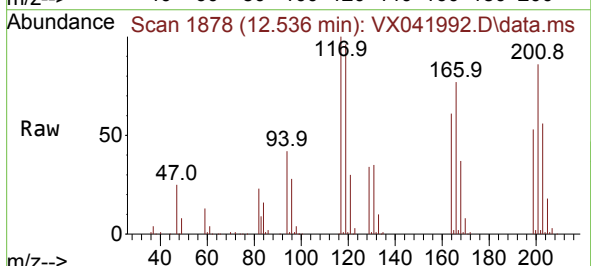
Acq: 21 Jun 2024 20:19

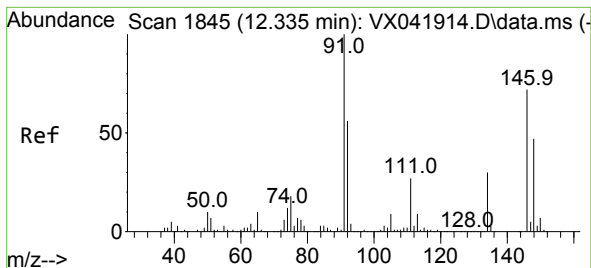
Tgt Ion: 117 Resp: 60473

Ion Ratio Lower Upper

117 100

201 96.6 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 52.569 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

ClientSampleId :

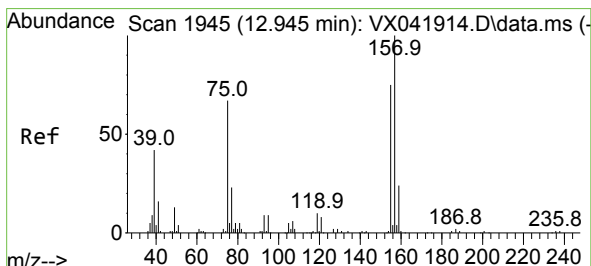
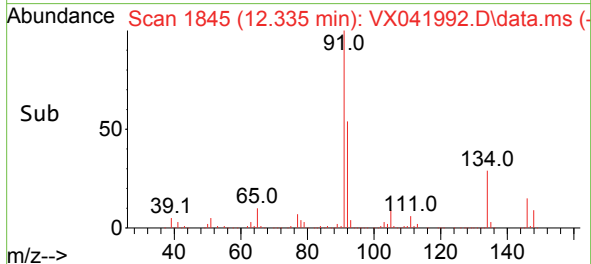
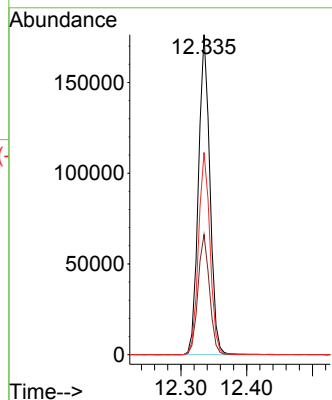
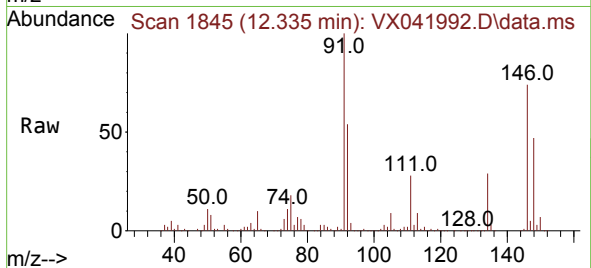
Tgt Ion:146 Resp: 213022

Ion Ratio Lower Upper

146 100

111 37.7 22.4 67.0

148 63.8 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.721 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

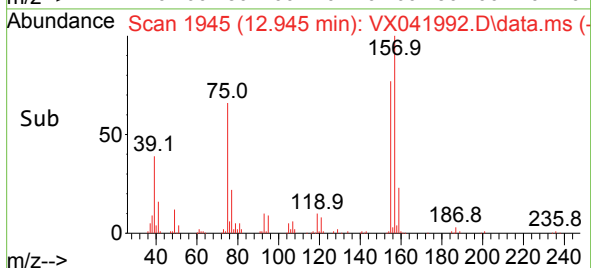
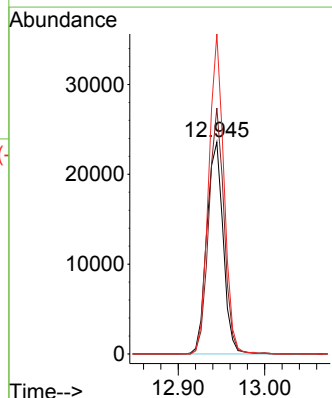
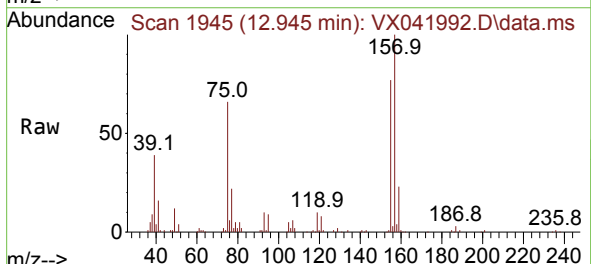
Tgt Ion: 75 Resp: 31060

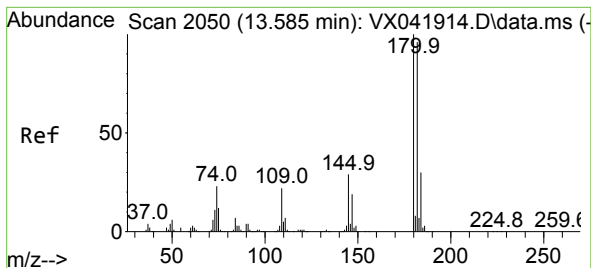
Ion Ratio Lower Upper

75 100

155 108.4 36.1 108.5

157 139.9 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 51.579 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

Instrument :

MSVOA\_X

ClientSampleId :

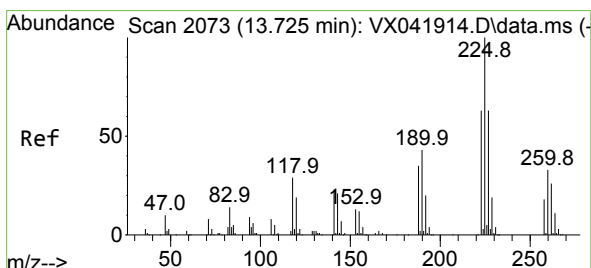
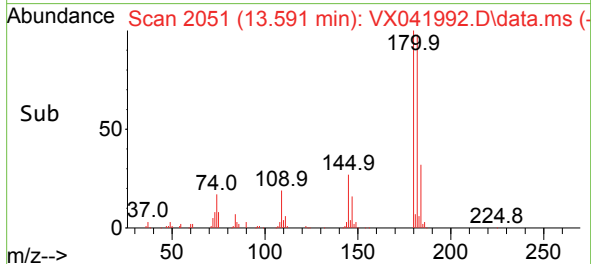
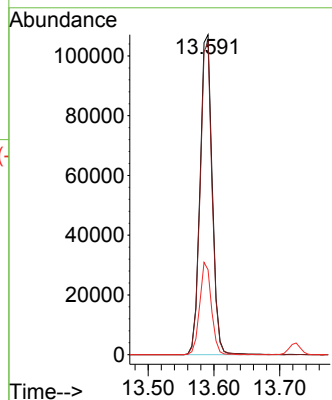
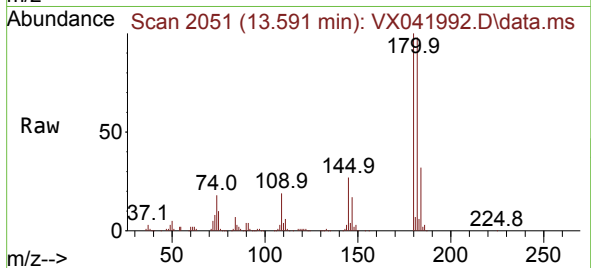
Tgt Ion:180 Resp: 136919

Ion Ratio Lower Upper

180 100

182 96.1 48.3 144.8

145 27.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 50.331 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX041992.D

Acq: 21 Jun 2024 20:19

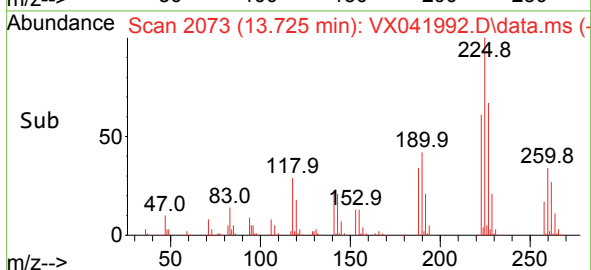
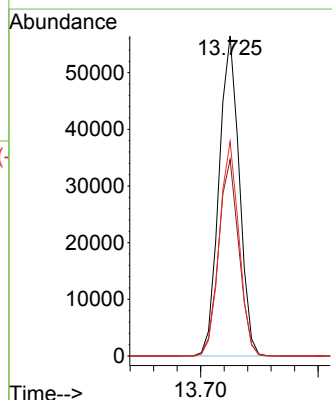
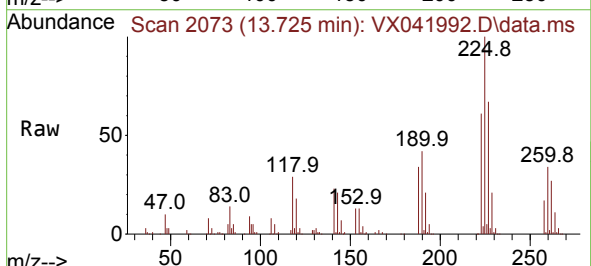
Tgt Ion:225 Resp: 67560

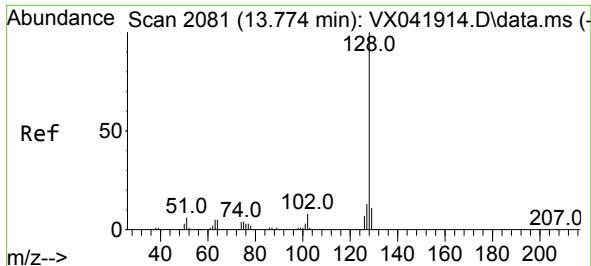
Ion Ratio Lower Upper

225 100

223 61.5 31.1 93.2

227 64.7 32.5 97.5

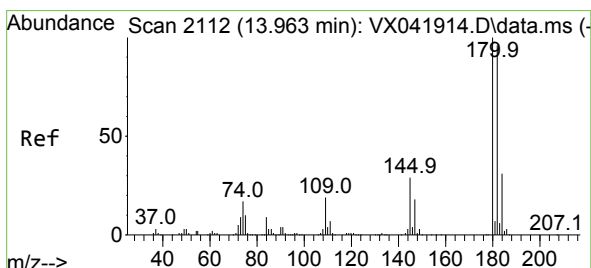
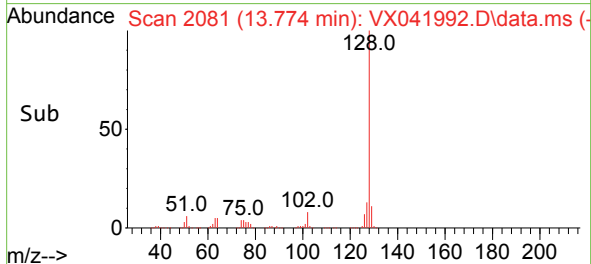
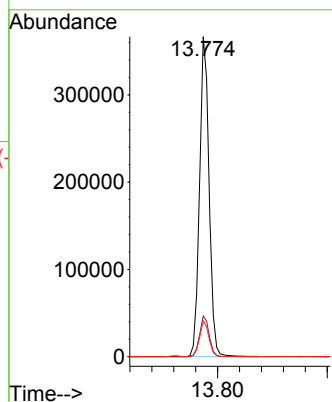
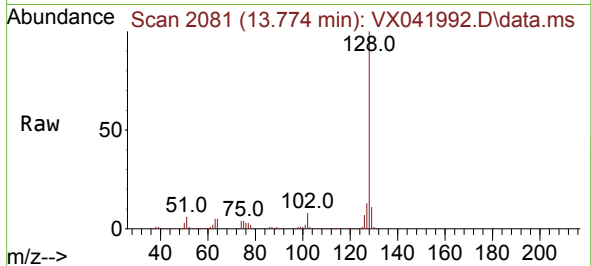




#95  
Naphthalene  
Concen: 49.908 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:128 Resp: 445159  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.3 15.5  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 52.346 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX041992.D  
Acq: 21 Jun 2024 20:19

Tgt Ion:180 Resp: 146551  
Ion Ratio Lower Upper  
180 100  
182 96.0 46.9 140.6  
145 29.3 17.8 53.5

