

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010725\  
 Data File : VX044613.D  
 Acq On : 07 Jan 2025 19:37  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 09 03:35:02 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010725W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 08 03:57:12 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 168032   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 295835   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 253685   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 118886   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 151564   | 55.942   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 111.880% |      |
| 35) Dibromofluoromethane    | 5.379  | 113   | 105618   | 52.065   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.120% |      |
| 50) Toluene-d8              | 8.647  | 98    | 360090   | 51.967   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.940% |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 128195   | 52.415   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 104.840% |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 134539  | 55.337  | ug/l | 98  |
| 3) Chloromethane             | 1.295 | 50  | 128841  | 53.178  | ug/l | 96  |
| 4) Vinyl Chloride            | 1.374 | 62  | 123309  | 54.253  | ug/l | 99  |
| 5) Bromomethane              | 1.593 | 94  | 62546   | 53.125  | ug/l | 98  |
| 6) Chloroethane              | 1.666 | 64  | 64752   | 49.799  | ug/l | 94  |
| 7) Trichlorofluoromethane    | 1.874 | 101 | 185599  | 54.842  | ug/l | 98  |
| 8) Diethyl Ether             | 2.136 | 74  | 67148   | 56.153  | ug/l | 90  |
| 9) 1,1,2-Trichlorotrifluo... | 2.319 | 101 | 100212  | 51.646  | ug/l | 99  |
| 10) Methyl Iodide            | 2.447 | 142 | 140962  | 52.097  | ug/l | 99  |
| 11) Tert butyl alcohol       | 2.995 | 59  | 98297   | 294.641 | ug/l | 97  |
| 12) 1,1-Dichloroethene       | 2.313 | 96  | 95617   | 50.866  | ug/l | 96  |
| 13) Acrolein                 | 2.233 | 56  | 134997  | 306.047 | ug/l | 100 |
| 14) Allyl chloride           | 2.660 | 41  | 170117  | 54.415  | ug/l | 98  |
| 15) Acrylonitrile            | 3.063 | 53  | 269181  | 280.157 | ug/l | 99  |
| 16) Acetone                  | 2.380 | 43  | 246540  | 288.715 | ug/l | 100 |
| 17) Carbon Disulfide         | 2.502 | 76  | 208698  | 53.692  | ug/l | 98  |
| 18) Methyl Acetate           | 2.703 | 43  | 140271  | 55.654  | ug/l | 99  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 353121  | 54.815  | ug/l | 99  |
| 20) Methylene Chloride       | 2.782 | 84  | 113109  | 51.920  | ug/l | 98  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 97667   | 50.624  | ug/l | 97  |
| 22) Diisopropyl ether        | 3.757 | 45  | 354623  | 55.179  | ug/l | 99  |
| 23) Vinyl Acetate            | 3.715 | 43  | 1535167 | 295.397 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 199407  | 53.250  | ug/l | 99  |
| 25) 2-Butanone               | 4.556 | 43  | 370671  | 300.736 | ug/l | 96  |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 166708  | 51.490  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 124483  | 52.916  | ug/l | 100 |
| 28) Bromochloromethane       | 4.891 | 49  | 87592   | 50.249  | ug/l | 97  |
| 29) Tetrahydrofuran          | 5.001 | 42  | 241460  | 286.076 | ug/l | 99  |
| 30) Chloroform               | 5.087 | 83  | 212184  | 52.559  | ug/l | 99  |
| 31) Cyclohexane              | 5.458 | 56  | 159553  | 51.894  | ug/l | 97  |
| 32) 1,1,1-Trichloroethane    | 5.373 | 97  | 185991  | 54.744  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 136474  | 52.027  | ug/l | 99  |
| 37) Ethyl Acetate            | 4.709 | 43  | 153095  | 57.053  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 150161  | 51.595  | ug/l | 97  |
| 39) Methylcyclohexane        | 7.373 | 83  | 166246  | 49.669  | ug/l | 98  |
| 40) Benzene                  | 6.031 | 78  | 419445  | 50.785  | ug/l | 98  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 09 03:35:02 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010725W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 08 03:57:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 87090    | 60.464   | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 178223   | 55.178   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 248008   | 56.022   | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 101890   | 48.261   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.421  | 63   | 104468   | 51.880   | ug/l   | 96       |
| 46) Dibromomethane            | 7.574  | 93   | 81733    | 52.190   | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 156733   | 54.997   | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 124321   | 58.879   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 38760    | 1249.198 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 756374   | 292.284  | ug/l   | 100      |
| 52) Toluene                   | 8.714  | 92   | 257402   | 51.653   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 151224   | 55.515   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 164267   | 53.656   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 103095   | 52.771   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 163278   | 57.469   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 175128   | 53.383   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 391895   | 278.235  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 553155   | 302.247  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 107971   | 55.427   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 105825   | 53.635   | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.269  | 164  | 85353    | 47.587   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.073 | 112  | 275873   | 51.238   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 95543    | 53.429   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 494122   | 53.443   | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 365584   | 107.604  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 179313   | 52.289   | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 300652   | 54.813   | ug/l   | 100      |
| 71) Bromoform                 | 10.799 | 173  | 65460    | 52.026   | ug/l # | 96       |
| 73) Isopropylbenzene          | 10.957 | 105  | 463455   | 52.618   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 212270   | 59.395   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 151715   | 53.439   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 164701   | 69.109   | ug/l   | 84       |
| 77) Bromobenzene              | 11.195 | 156  | 111248   | 51.994   | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 527200   | 53.141   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 327328   | 50.916   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 389590   | 53.347   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 43198    | 55.176   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 376292   | 52.030   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 385674   | 53.037   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 392732   | 53.535   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 462731   | 52.250   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 394724   | 53.119   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 196937   | 50.880   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.037 | 146  | 196398   | 48.700   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 336155   | 53.573   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 60971    | 51.076   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 201962   | 51.635   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 32131    | 59.698   | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 129812   | 56.469   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 50956    | 53.233   | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 450708   | 60.764   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 135540   | 57.677   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

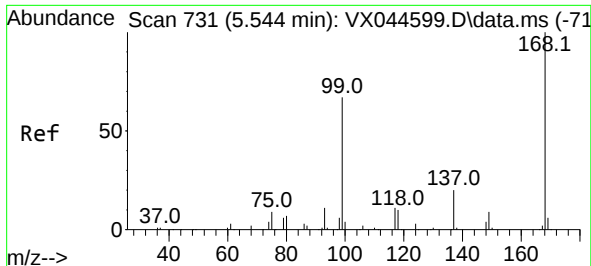
Quant Time: Jan 09 03:35:02 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010725W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 08 03:57:12 2025  
Response via : Initial Calibration

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

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

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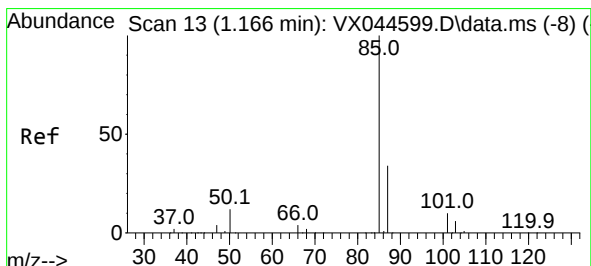
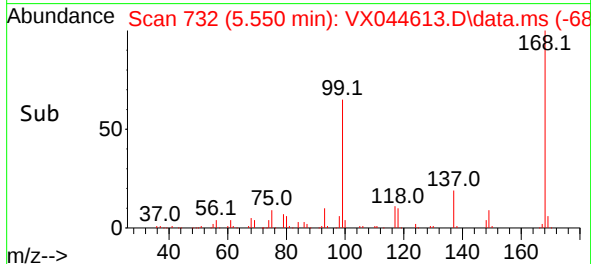
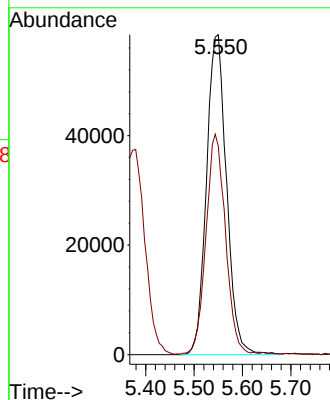
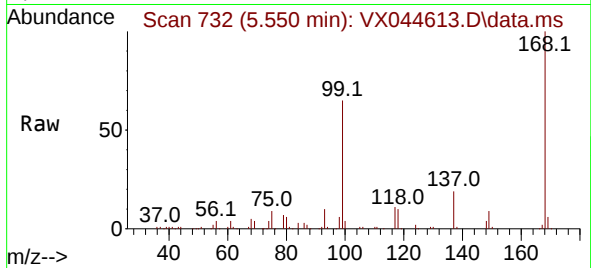




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

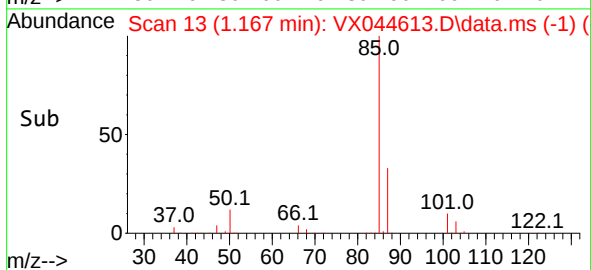
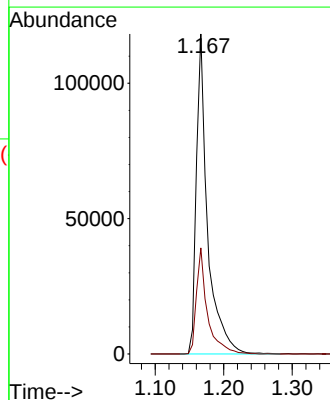
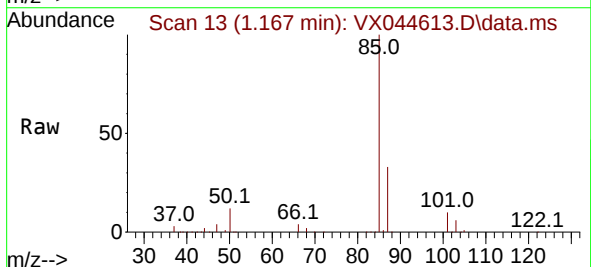
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

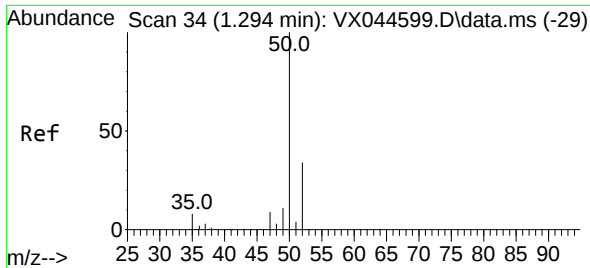
Tgt Ion:168 Resp: 168032  
Ion Ratio Lower Upper  
168 100  
99 65.0 53.5 80.3



#2  
Dichlorodifluoromethane  
Concen: 55.337 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 85 Resp: 134539  
Ion Ratio Lower Upper  
85 100  
87 33.2 17.2 51.5

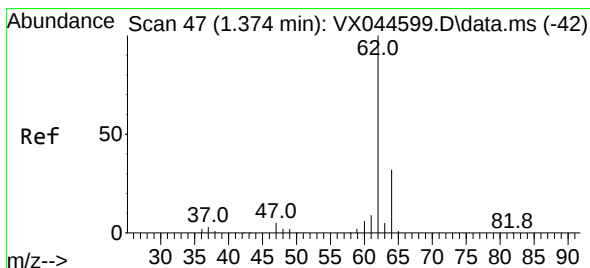
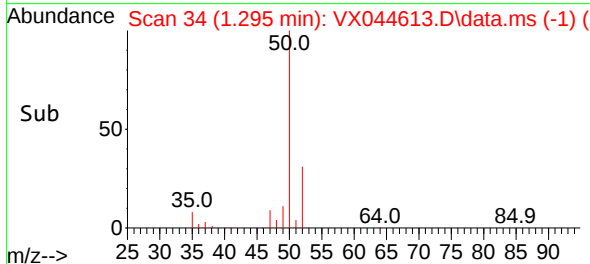
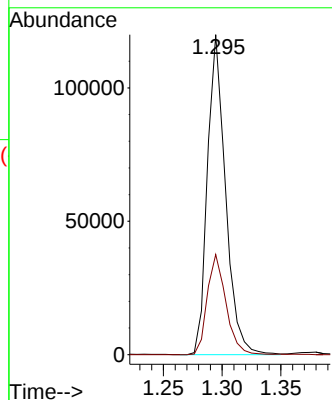
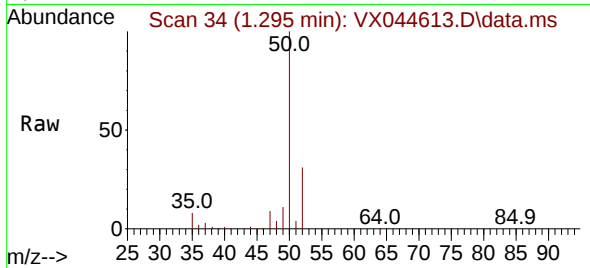




#3  
Chloromethane  
Concen: 53.178 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.001 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

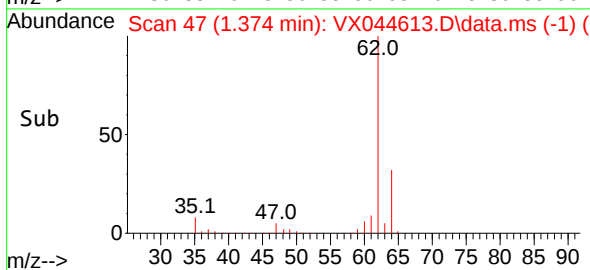
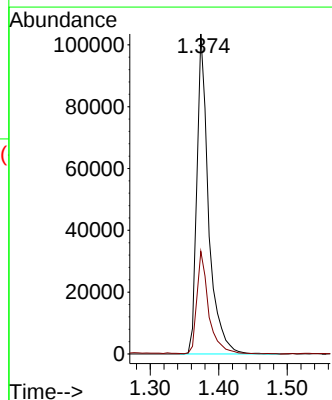
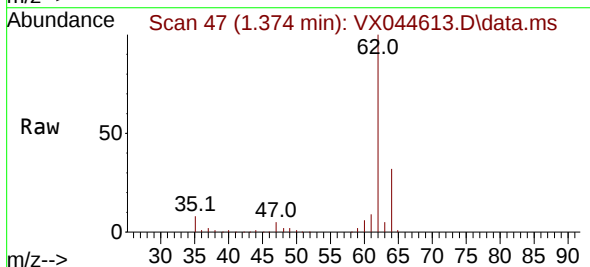
Instrument :  
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ClientSampleId :  
VSTDCCC050EC

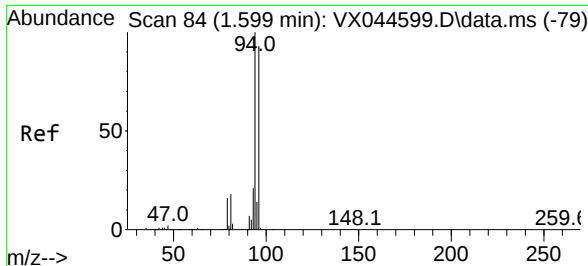
Tgt Ion: 50 Resp: 128841  
Ion Ratio Lower Upper  
50 100  
52 31.3 27.0 40.4



#4  
Vinyl Chloride  
Concen: 54.253 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 62 Resp: 123309  
Ion Ratio Lower Upper  
62 100  
64 32.1 26.0 39.0

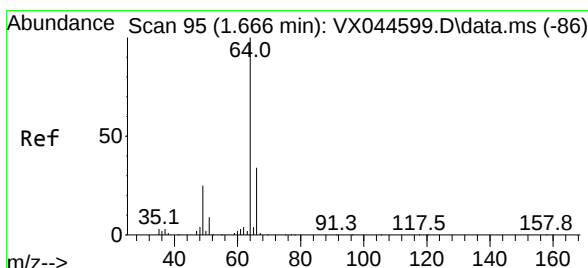
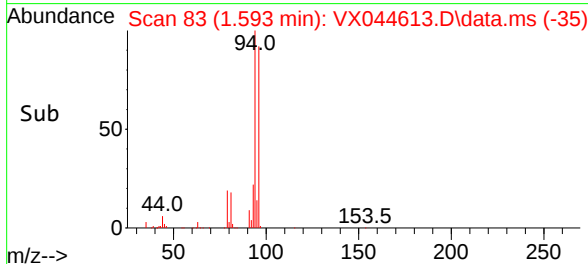
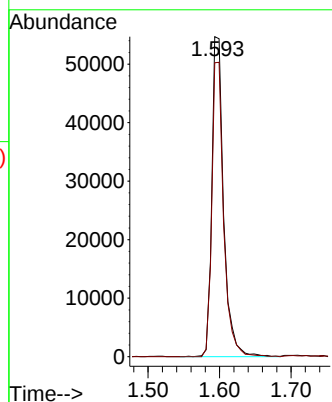
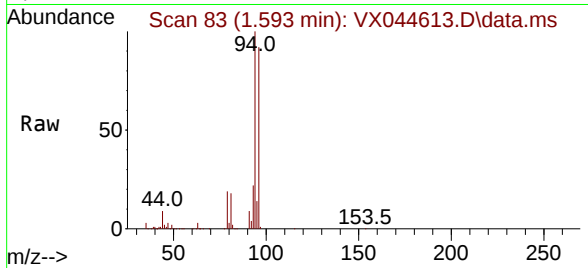




#5  
Bromomethane  
Concen: 53.125 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

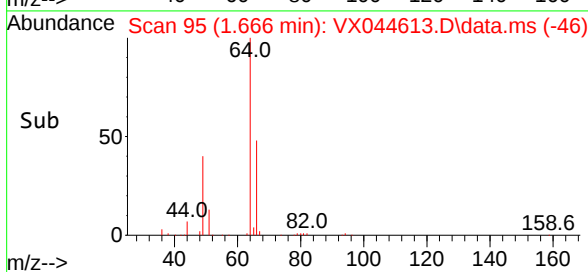
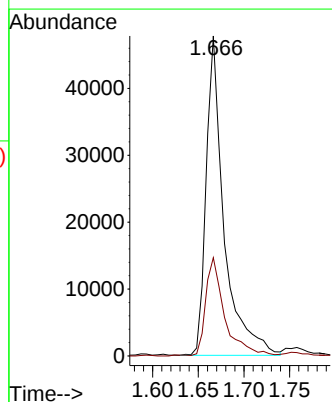
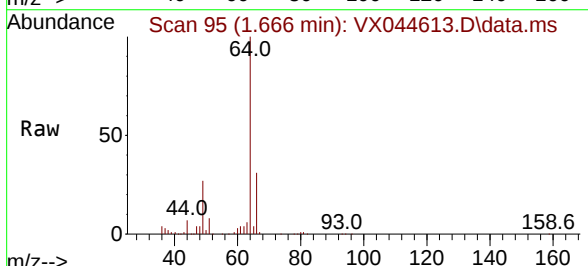
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

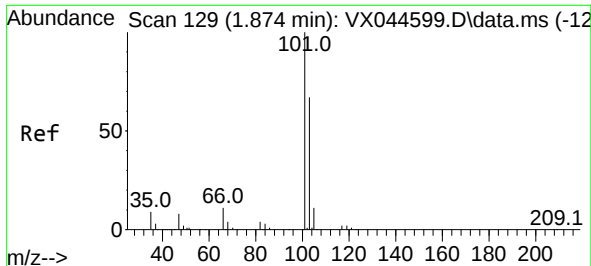
Tgt Ion: 94 Resp: 62546  
Ion Ratio Lower Upper  
94 100  
96 91.9 74.6 112.0



#6  
Chloroethane  
Concen: 49.799 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 64 Resp: 64752  
Ion Ratio Lower Upper  
64 100  
66 30.5 27.3 40.9

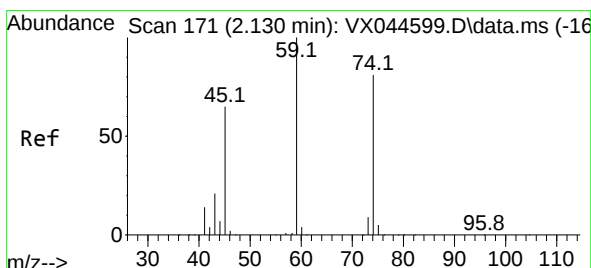
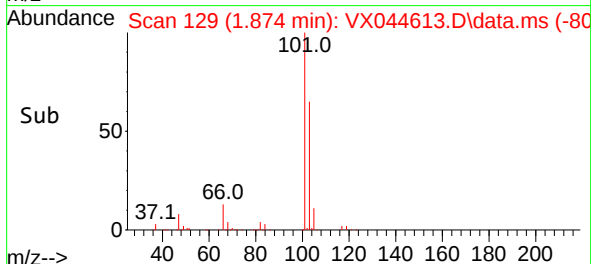
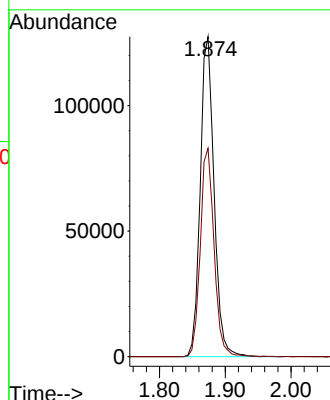
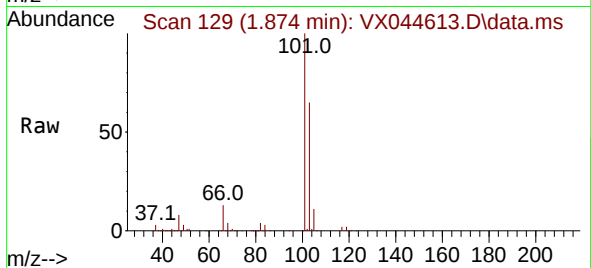




#7  
 Trichlorofluoromethane  
 Concen: 54.842 ug/l  
 RT: 1.874 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX044613.D  
 Acq: 07 Jan 2025 19:37

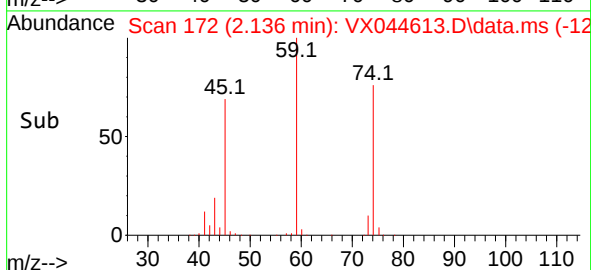
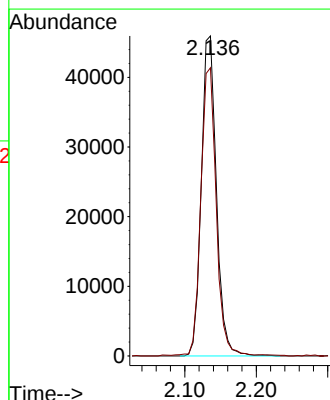
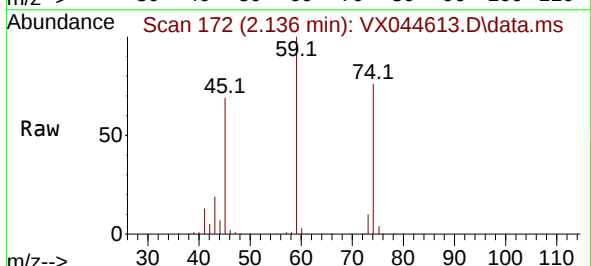
Instrument :  
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 ClientSampleId :  
 VSTDCCC050EC

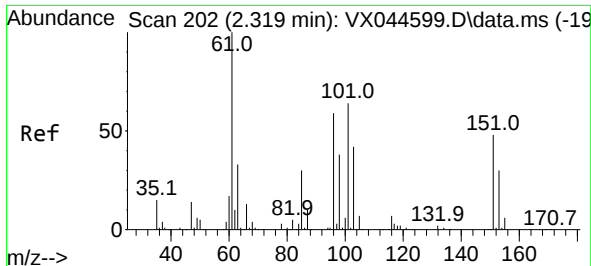
Tgt Ion:101 Resp: 185599  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 53.3 79.9



#8  
 Diethyl Ether  
 Concen: 56.153 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX044613.D  
 Acq: 07 Jan 2025 19:37

Tgt Ion: 74 Resp: 67148  
 Ion Ratio Lower Upper  
 74 100  
 45 92.4 41.7 125.1

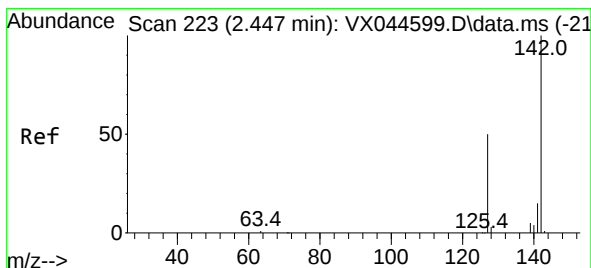
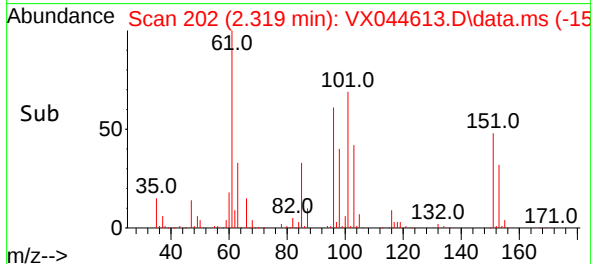
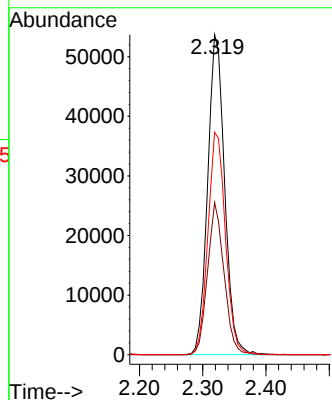
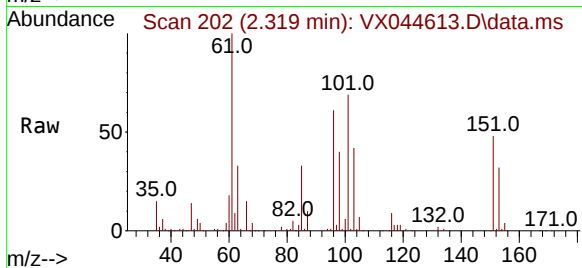




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.646 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

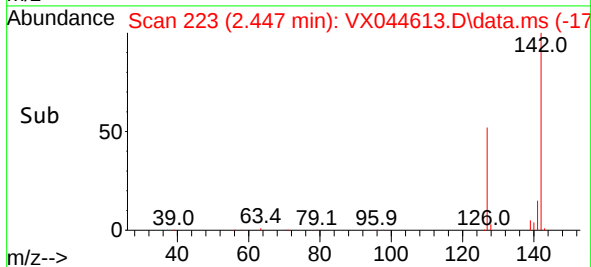
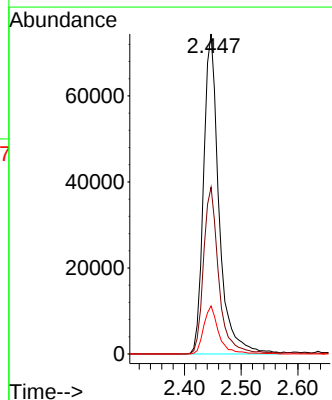
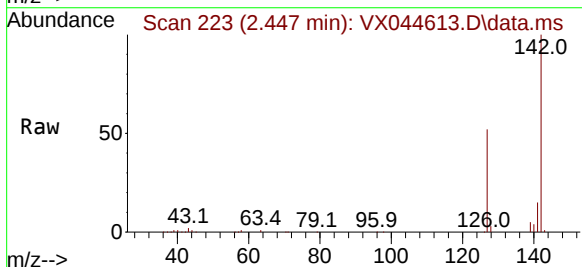
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

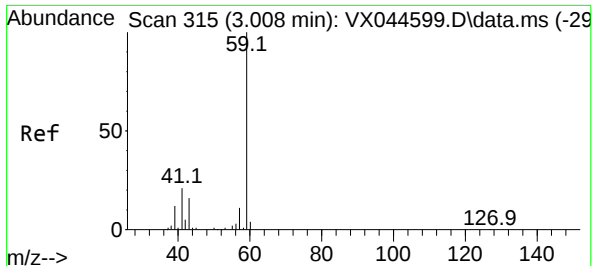
Tgt Ion:101 Resp: 100212  
Ion Ratio Lower Upper  
101 100  
85 46.2 36.5 54.7  
151 71.7 58.6 87.8



#10  
Methyl Iodide  
Concen: 52.097 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion:142 Resp: 140962  
Ion Ratio Lower Upper  
142 100  
127 51.5 41.9 62.9  
141 14.7 11.8 17.6

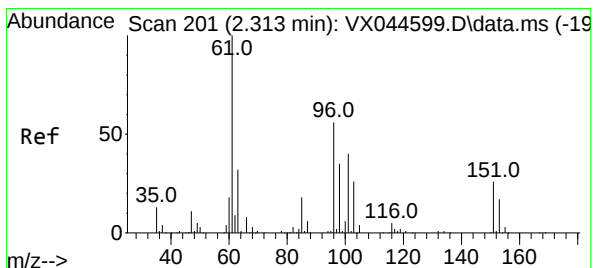
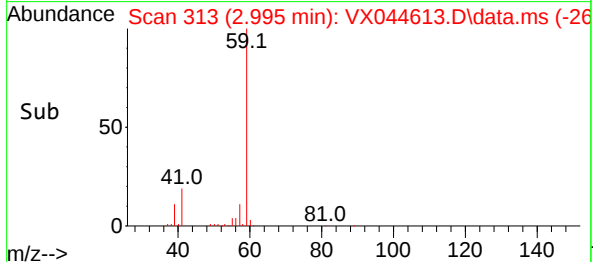
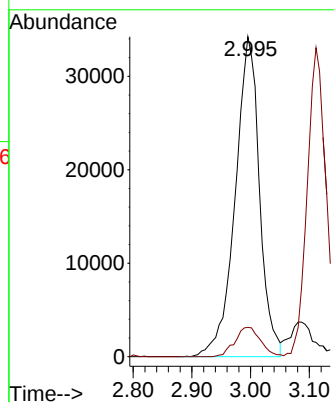
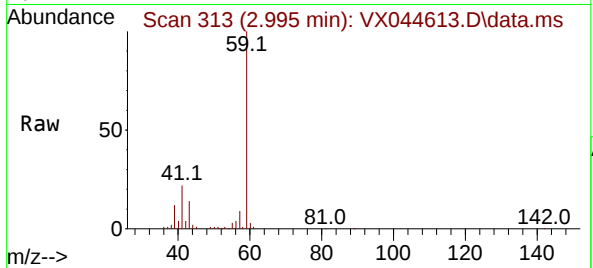




#11  
Tert butyl alcohol  
Concen: 294.641 ug/l  
RT: 2.995 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

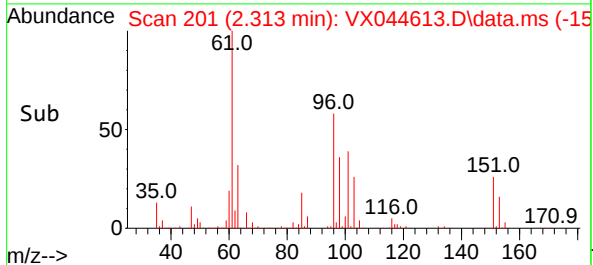
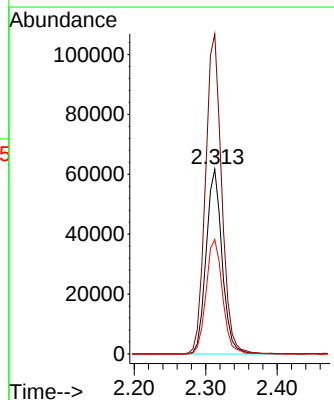
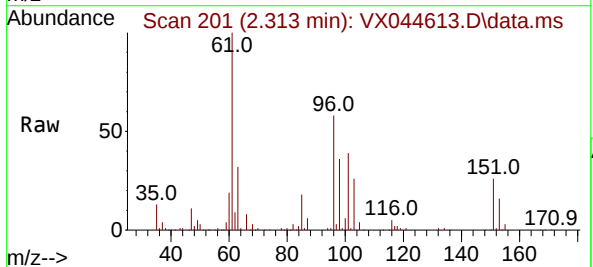
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

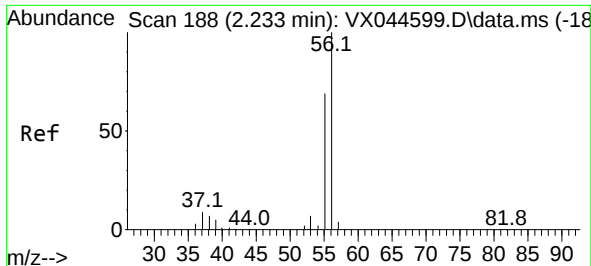
Tgt Ion: 59 Resp: 98297  
Ion Ratio Lower Upper  
59 100  
57 9.7 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 50.866 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 96 Resp: 95617  
Ion Ratio Lower Upper  
96 100  
61 173.1 143.3 214.9  
98 61.9 50.6 76.0

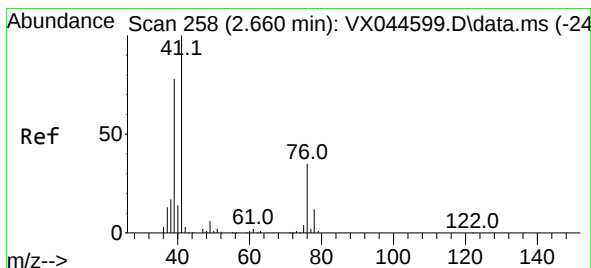
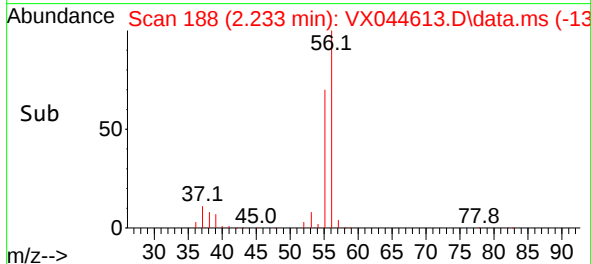
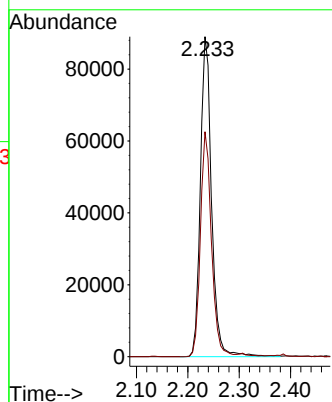
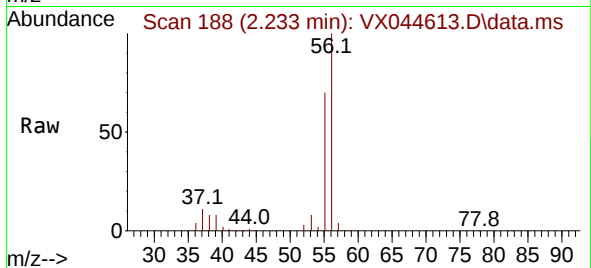




#13  
Acrolein  
Concen: 306.047 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

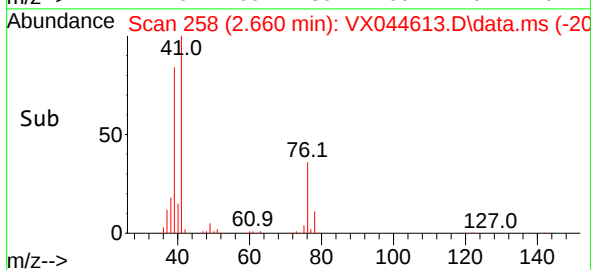
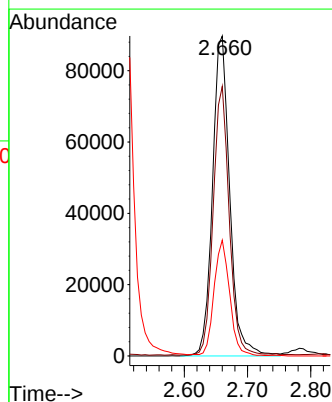
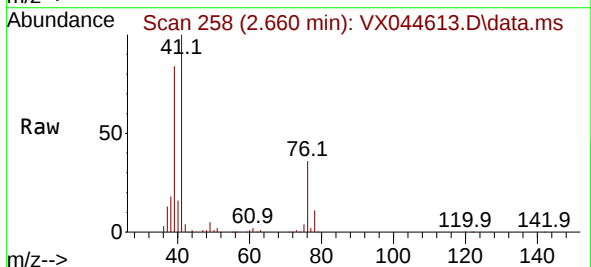
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

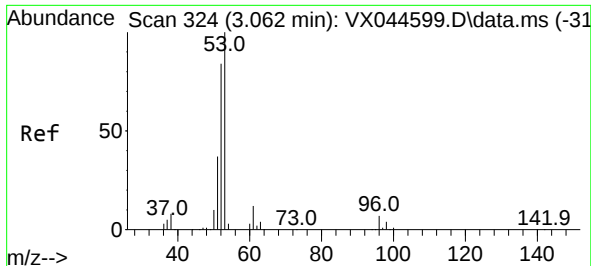
Tgt Ion: 56 Resp: 134997  
Ion Ratio Lower Upper  
56 100  
55 69.6 55.8 83.8



#14  
Allyl chloride  
Concen: 54.415 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 41 Resp: 170117  
Ion Ratio Lower Upper  
41 100  
39 78.2 60.2 90.2  
76 32.5 25.9 38.9

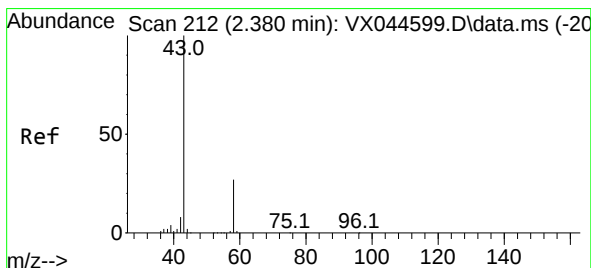
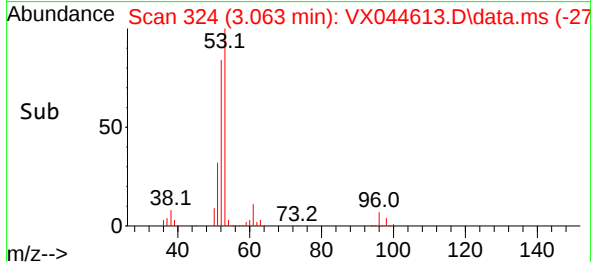
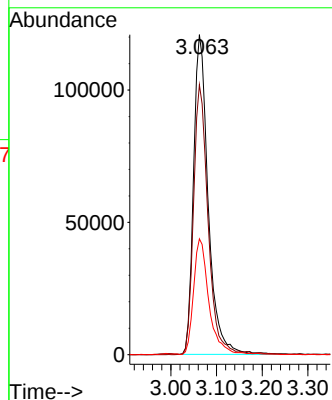
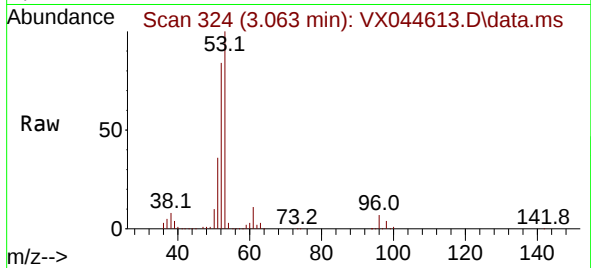




#15  
Acrylonitrile  
Concen: 280.157 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

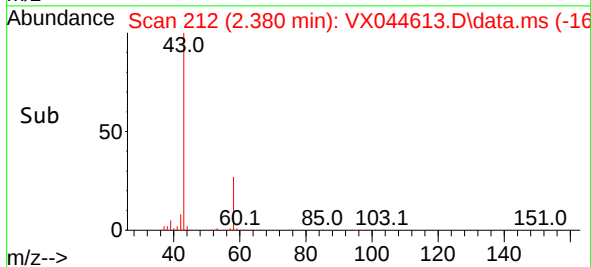
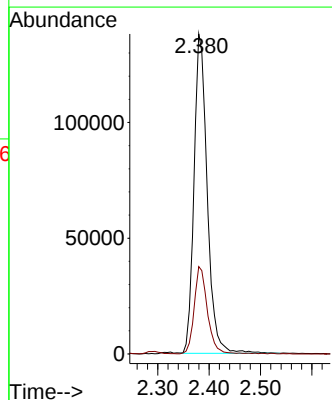
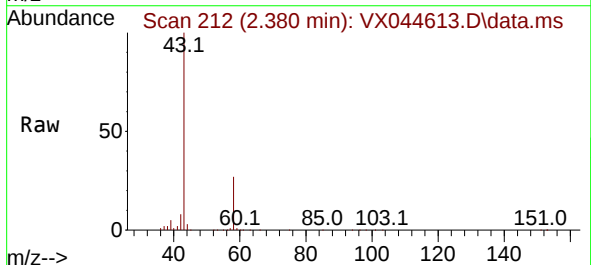
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

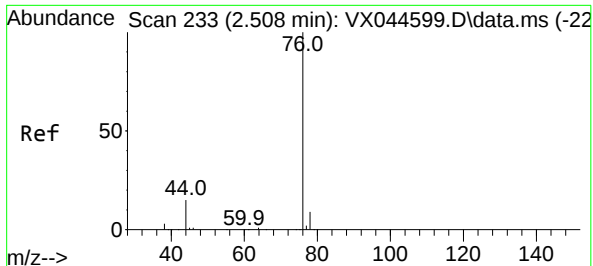
Tgt Ion: 53 Resp: 269181  
Ion Ratio Lower Upper  
53 100  
52 83.9 67.0 100.6  
51 37.7 29.4 44.0



#16  
Acetone  
Concen: 288.715 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 43 Resp: 246540  
Ion Ratio Lower Upper  
43 100  
58 27.3 22.0 33.0

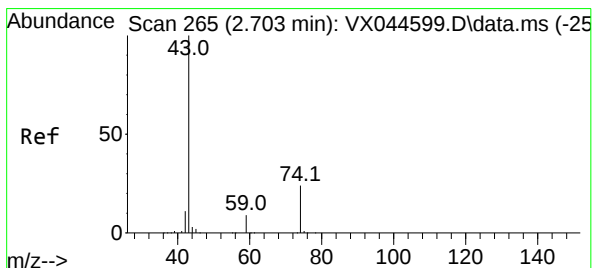
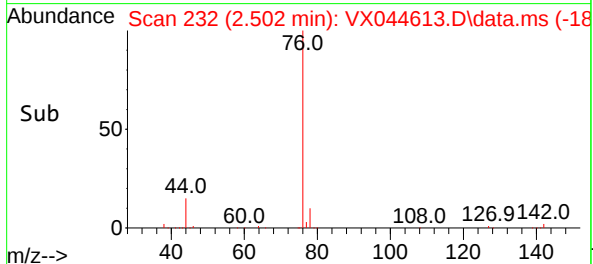
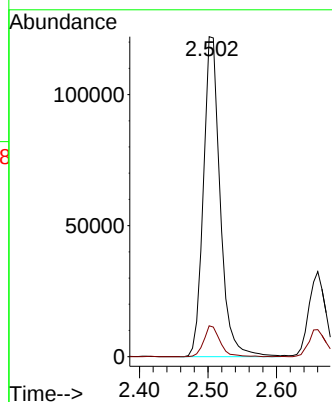
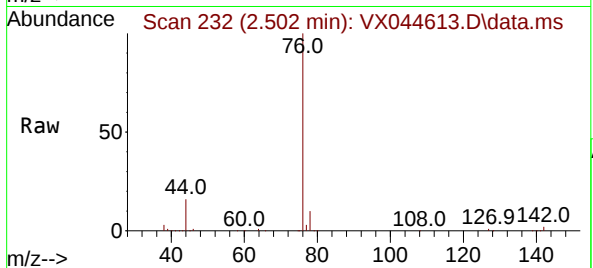




#17  
Carbon Disulfide  
Concen: 53.692 ug/l  
RT: 2.502 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

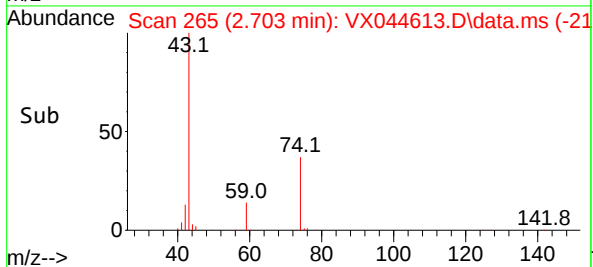
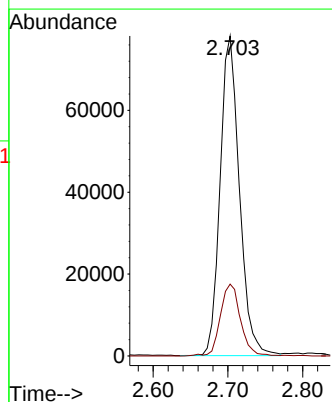
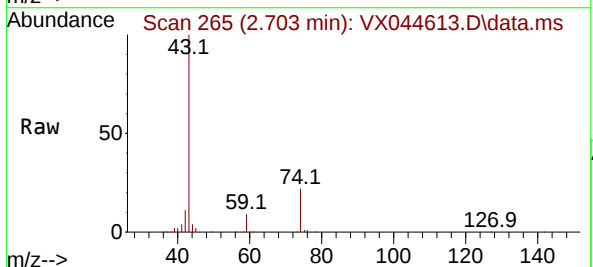
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

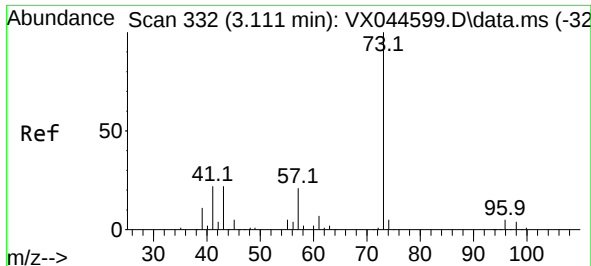
Tgt Ion: 76 Resp: 208698  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.1 10.7



#18  
Methyl Acetate  
Concen: 55.654 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 43 Resp: 140271  
Ion Ratio Lower Upper  
43 100  
74 23.5 19.3 28.9

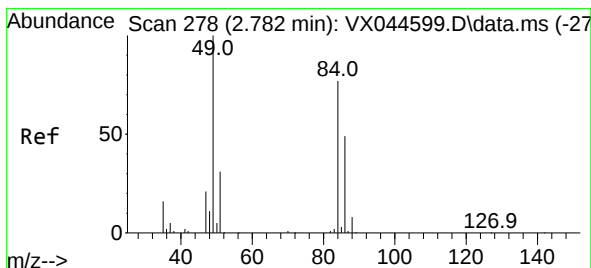
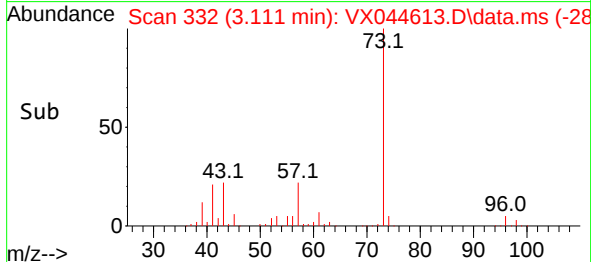
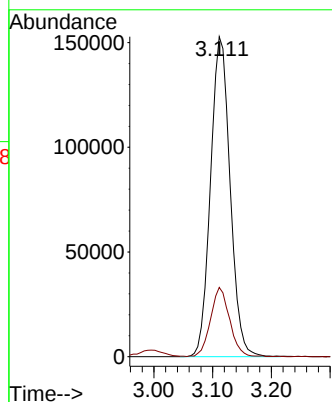
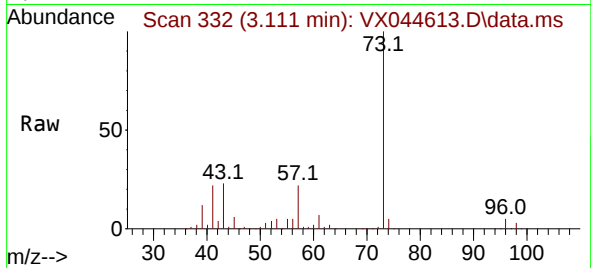




#19  
Methyl tert-butyl Ether  
Concen: 54.815 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

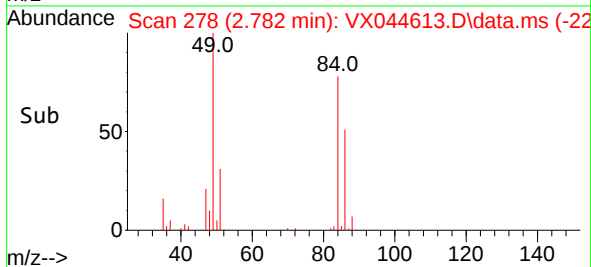
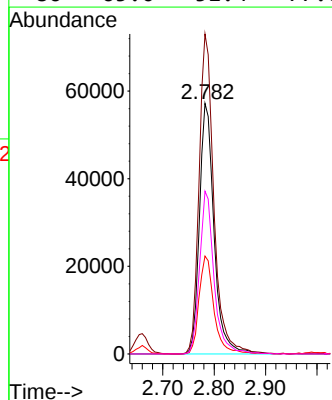
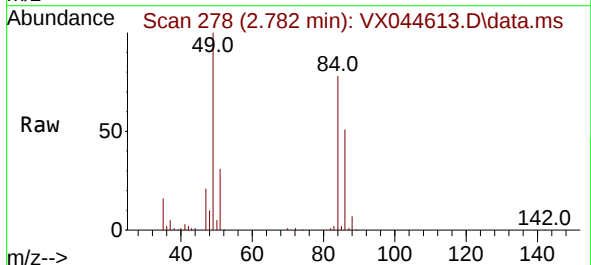
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ClientSampleId :  
VSTDCCC050EC

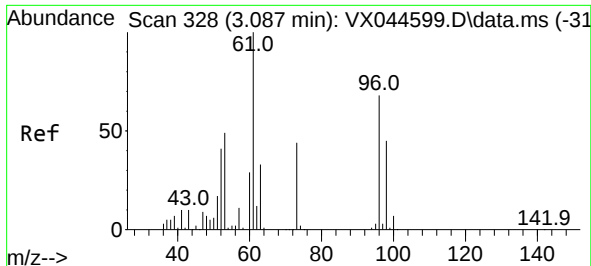
Tgt Ion: 73 Resp: 353121  
Ion Ratio Lower Upper  
73 100  
57 21.5 17.0 25.4



#20  
Methylene Chloride  
Concen: 51.920 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 84 Resp: 113109  
Ion Ratio Lower Upper  
84 100  
49 127.7 104.4 156.6  
51 39.1 32.0 48.0  
86 65.0 51.4 77.0

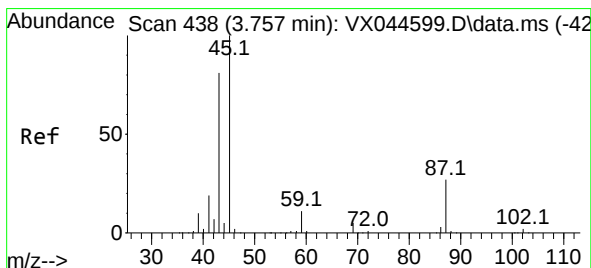
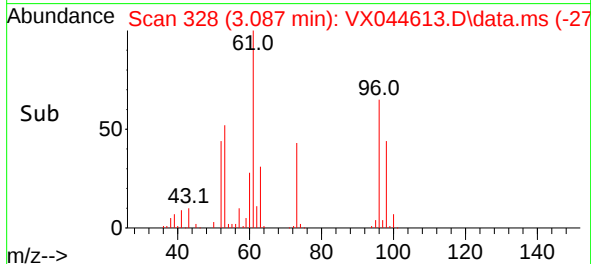
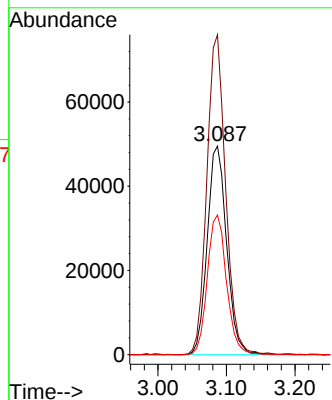
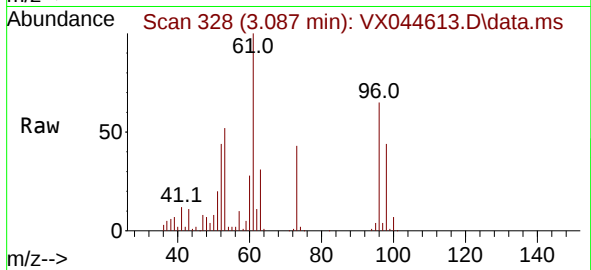




#21  
trans-1,2-Dichloroethene  
Concen: 50.624 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

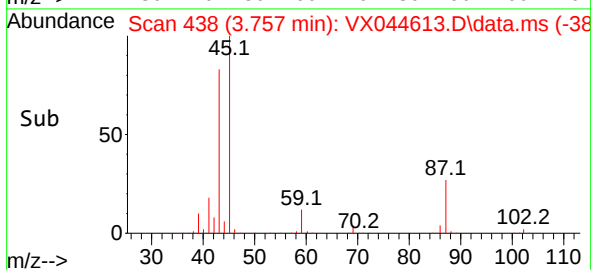
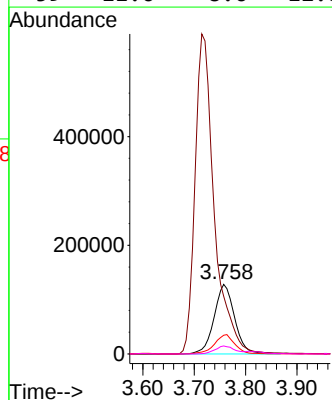
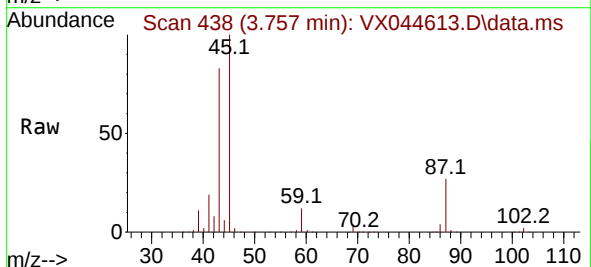
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

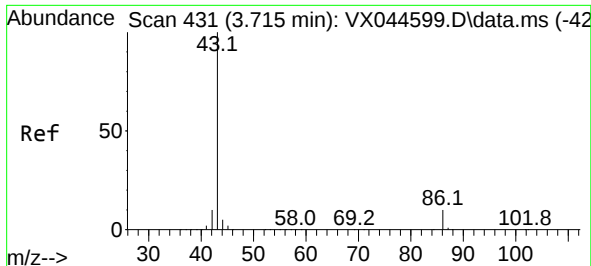
Tgt Ion: 96 Resp: 97667  
Ion Ratio Lower Upper  
96 100  
61 153.4 118.5 177.7  
98 67.0 53.4 80.0



#22  
Diisopropyl ether  
Concen: 55.179 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 45 Resp: 354623  
Ion Ratio Lower Upper  
45 100  
43 82.1 64.6 97.0  
87 26.8 21.8 32.8  
59 11.6 8.6 12.8

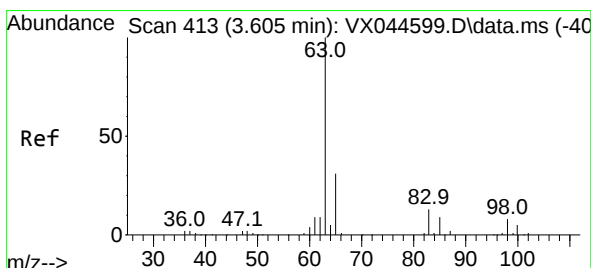
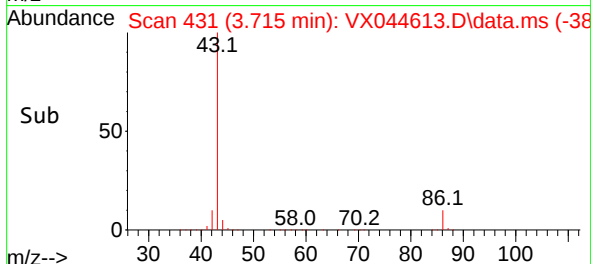
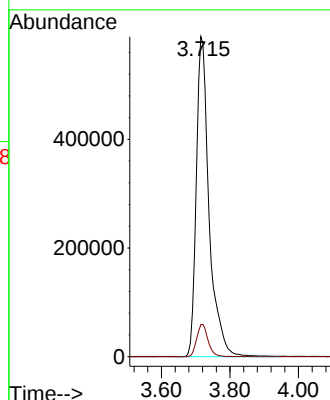
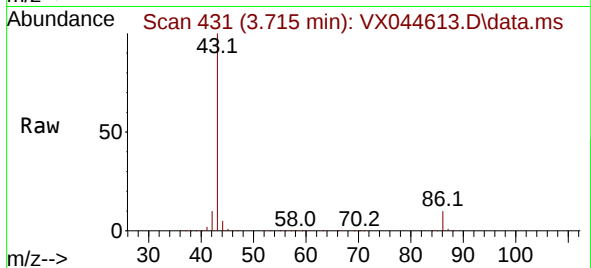




#23  
 Vinyl Acetate  
 Concen: 295.397 ug/l  
 RT: 3.715 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX044613.D  
 Acq: 07 Jan 2025 19:37

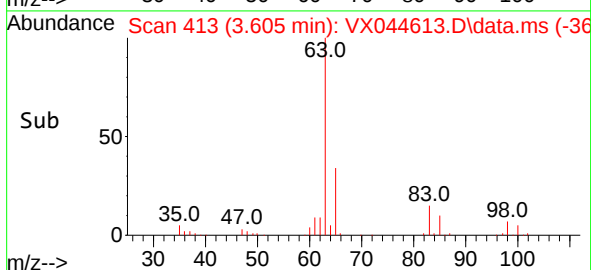
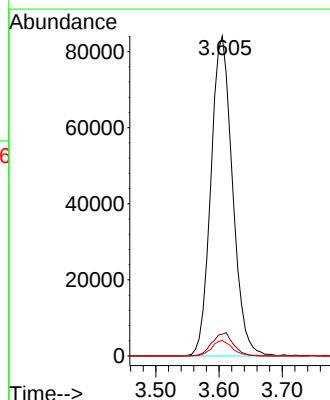
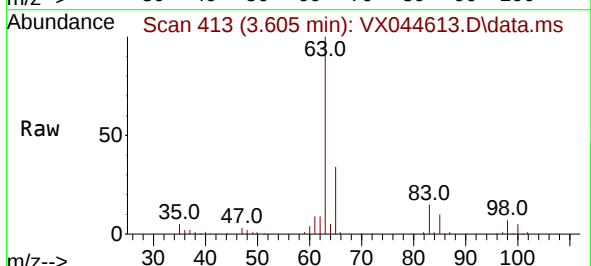
Instrument :  
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 ClientSampleId :  
 VSTDCCC050EC

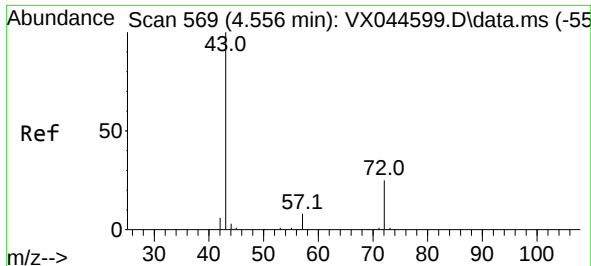
Tgt Ion: 43 Resp: 1535167  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 8.1 12.1



#24  
 1,1-Dichloroethane  
 Concen: 53.250 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX044613.D  
 Acq: 07 Jan 2025 19:37

Tgt Ion: 63 Resp: 199407  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.8 11.4  
 100 4.8 2.4 7.2

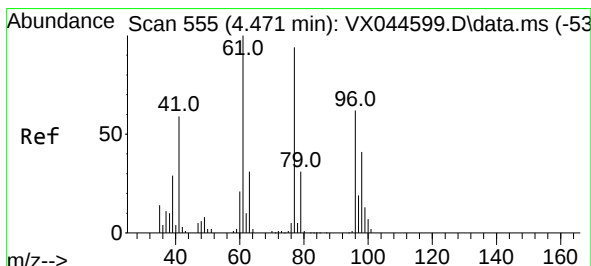
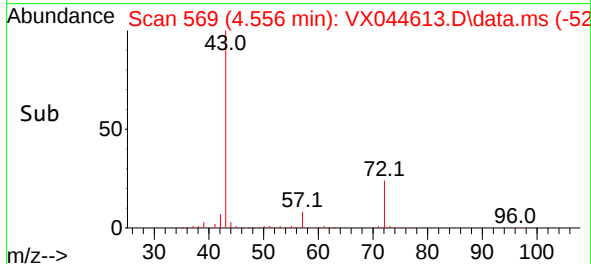
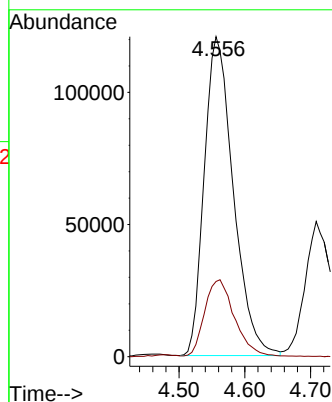
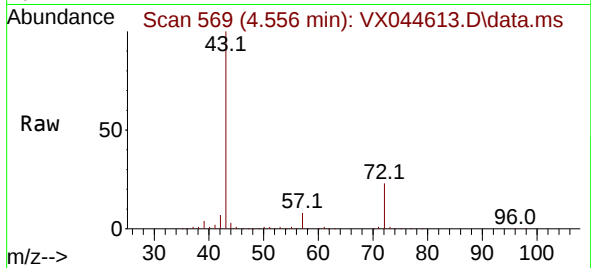




#25  
2-Butanone  
Concen: 300.736 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

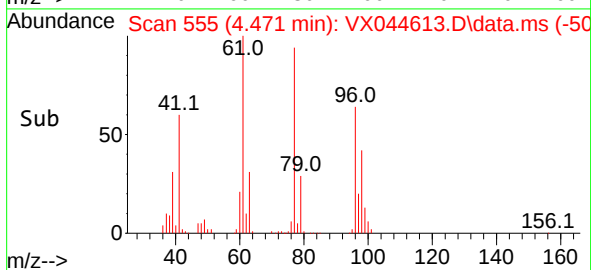
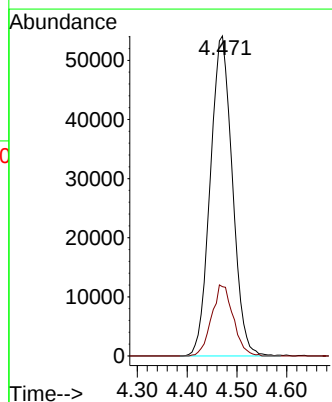
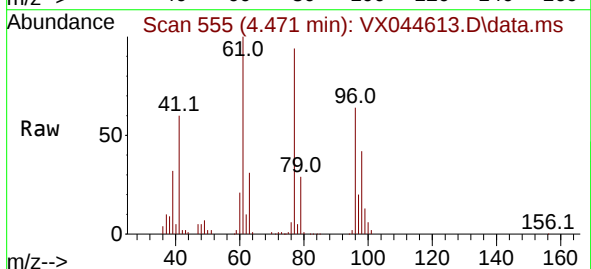
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

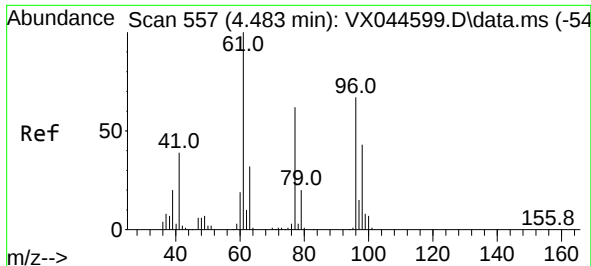
Tgt Ion: 43 Resp: 370671  
Ion Ratio Lower Upper  
43 100  
72 23.3 20.2 30.2



#26  
2,2-Dichloropropane  
Concen: 51.490 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 77 Resp: 166708  
Ion Ratio Lower Upper  
77 100  
97 21.7 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 52.916 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

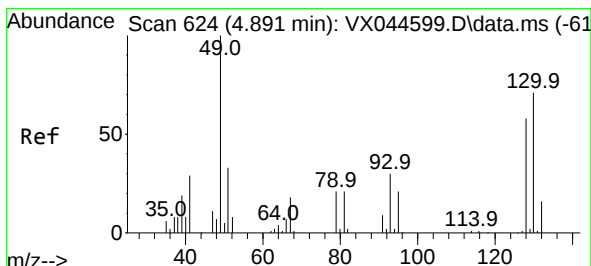
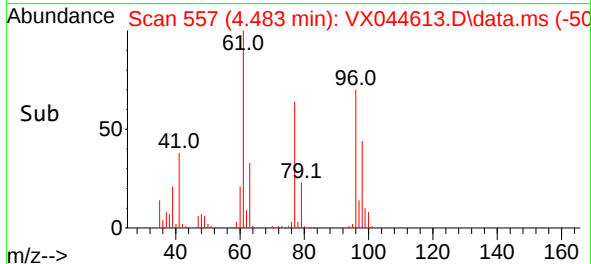
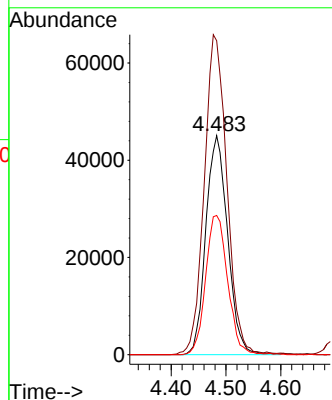
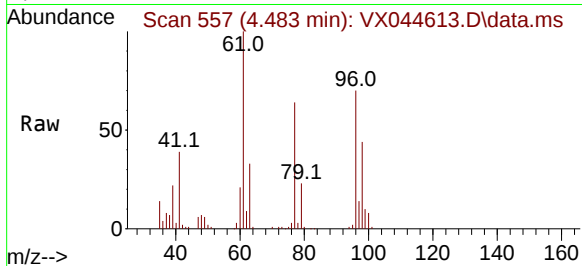
Tgt Ion: 96 Resp: 124483

Ion Ratio Lower Upper

96 100

61 151.5 0.0 302.8

98 64.4 0.0 130.0



#28

Bromochloromethane

Concen: 50.249 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

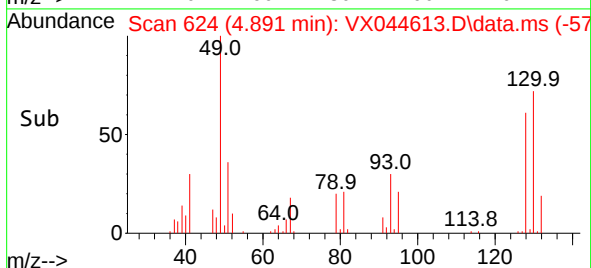
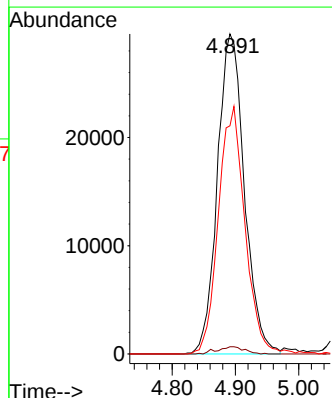
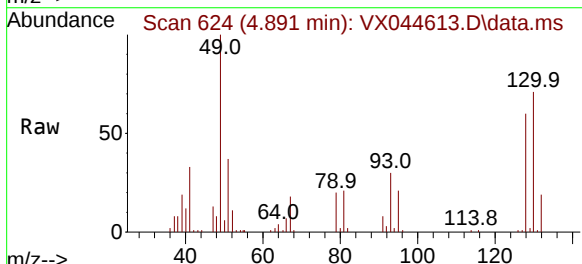
Tgt Ion: 49 Resp: 87592

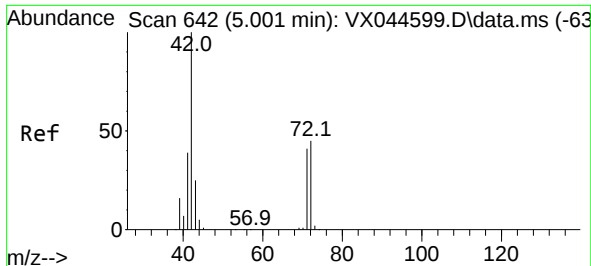
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 76.0 58.8 88.2





#29

Tetrahydrofuran

Concen: 286.076 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

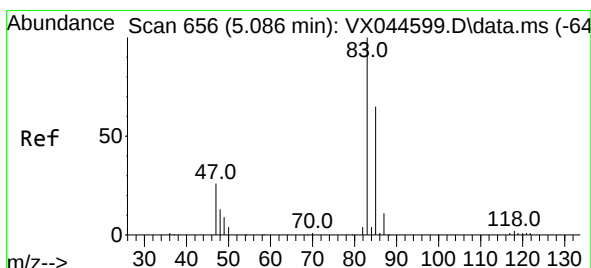
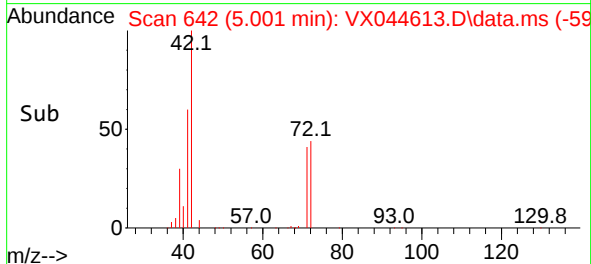
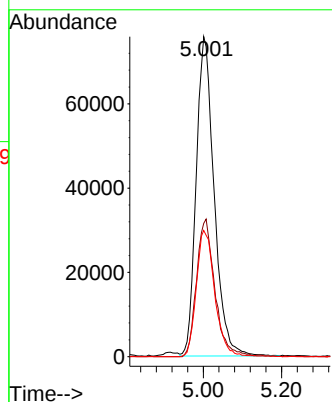
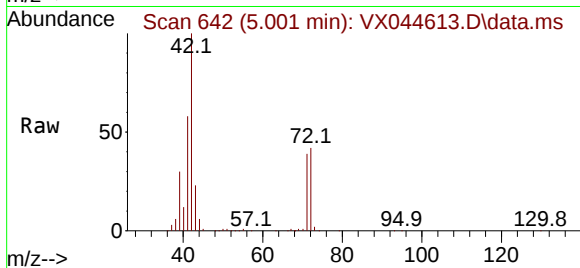
Tgt Ion: 42 Resp: 241460

Ion Ratio Lower Upper

42 100

72 44.0 36.1 54.1

71 40.6 33.0 49.6



#30

Chloroform

Concen: 52.559 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044613.D

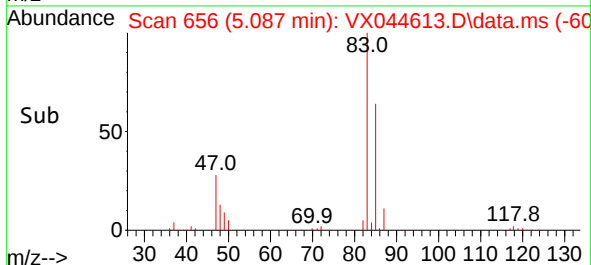
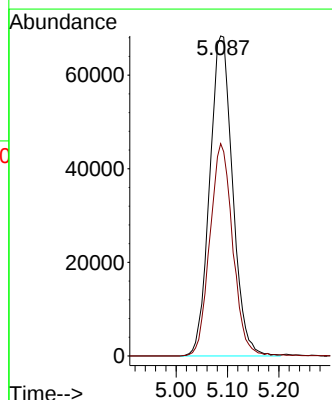
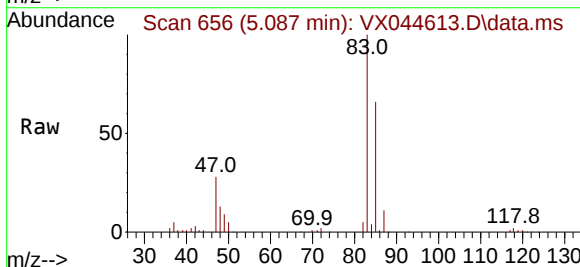
Acq: 07 Jan 2025 19:37

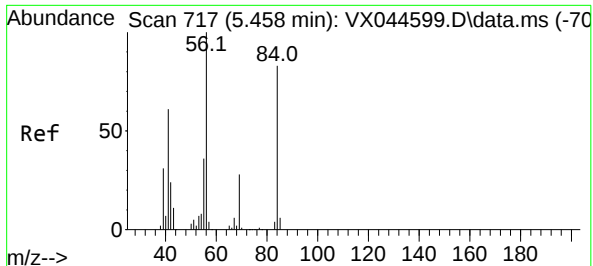
Tgt Ion: 83 Resp: 212184

Ion Ratio Lower Upper

83 100

85 66.4 52.3 78.5

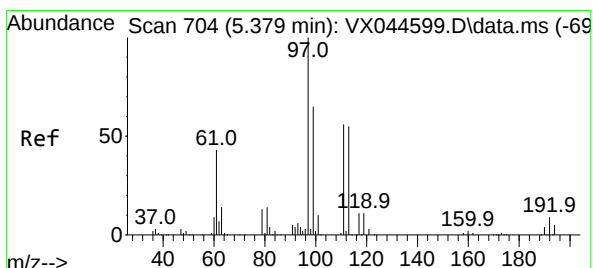
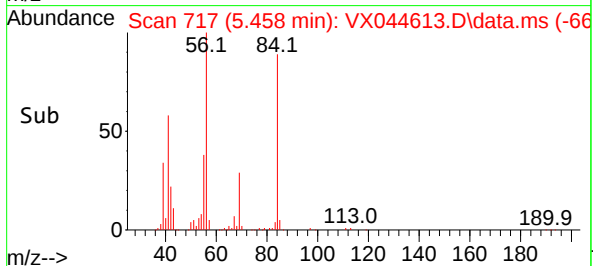
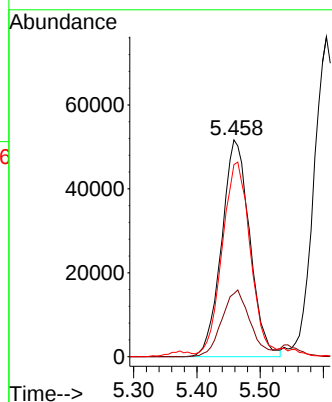
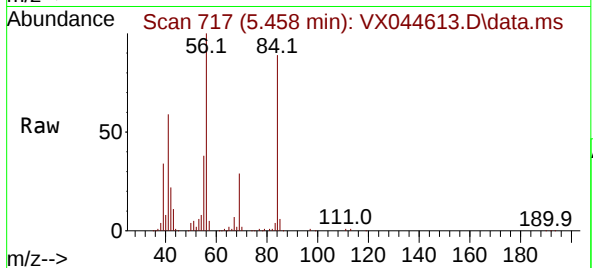




#31  
Cyclohexane  
Concen: 51.894 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

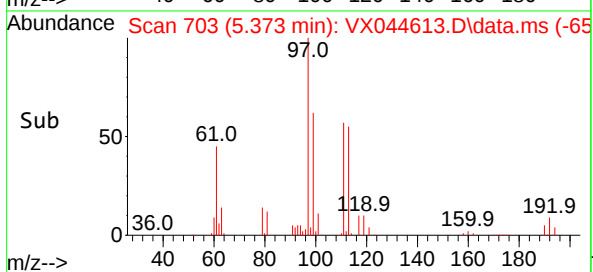
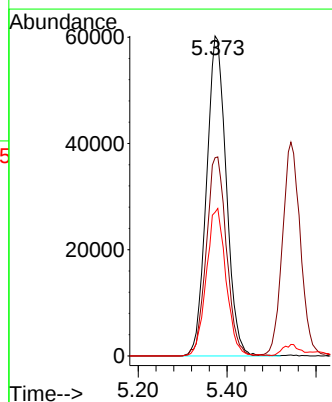
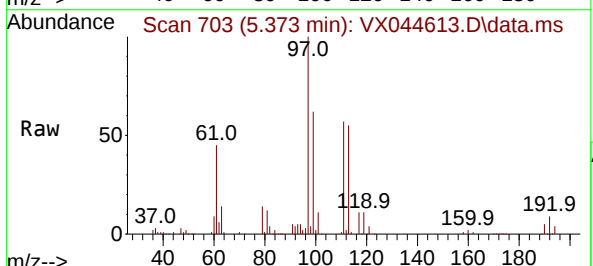
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

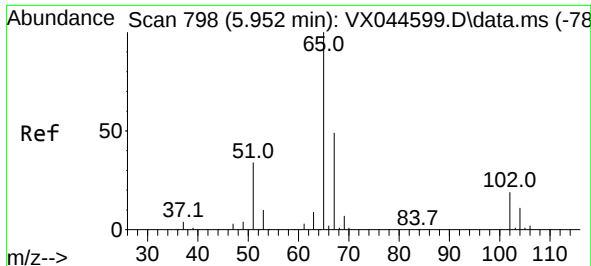
Tgt Ion: 56 Resp: 159553  
Ion Ratio Lower Upper  
56 100  
69 29.1 22.2 33.4  
84 85.9 66.6 100.0



#32  
1,1,1-Trichloroethane  
Concen: 54.744 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 97 Resp: 185991  
Ion Ratio Lower Upper  
97 100  
99 63.5 52.1 78.1  
61 46.3 36.8 55.2





#33

1,2-Dichloroethane-d4

Concen: 55.942 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

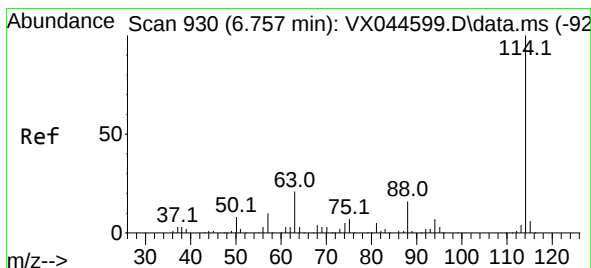
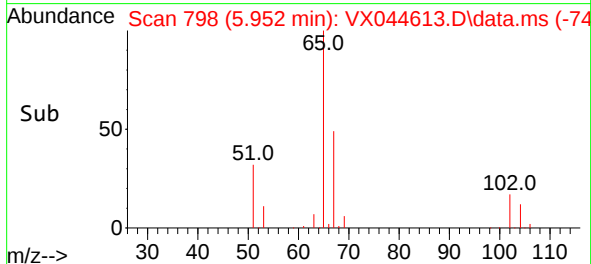
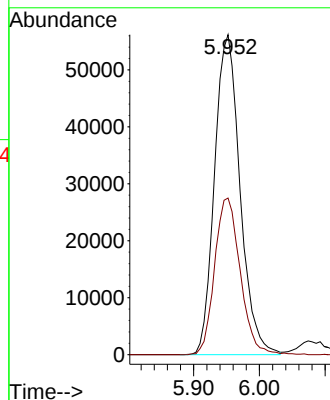
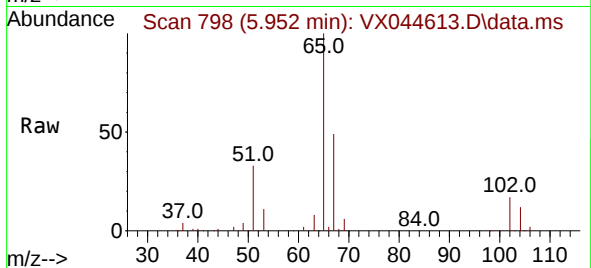
VSTDCCC050EC

Tgt Ion: 65 Resp: 151564

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

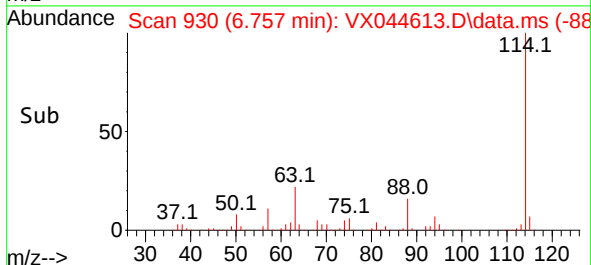
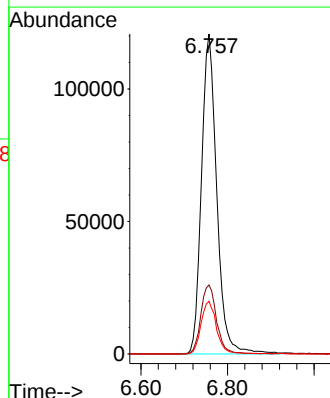
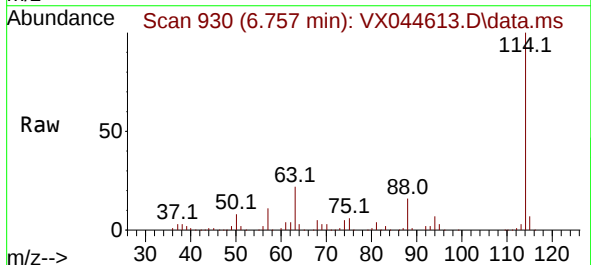
Tgt Ion: 114 Resp: 295835

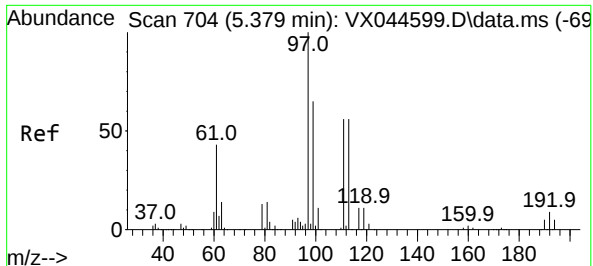
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.6

88 16.5 0.0 32.6

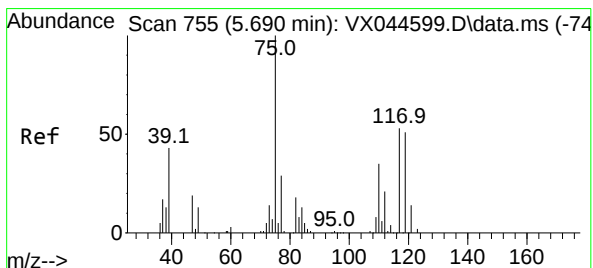
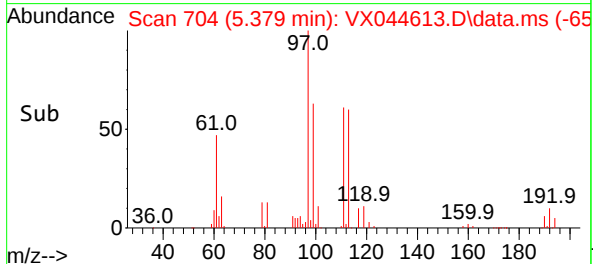
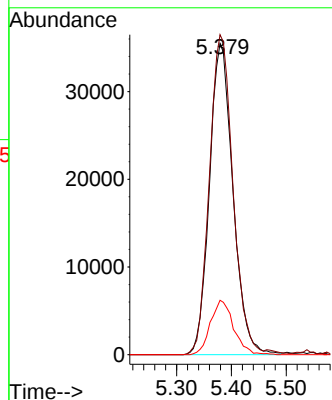
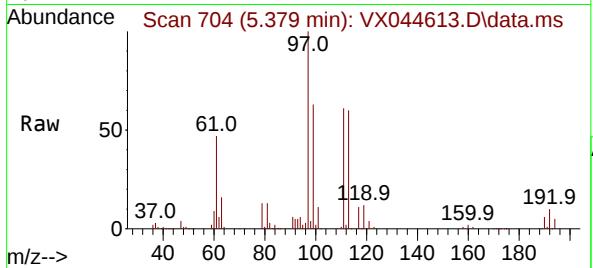




#35  
Dibromofluoromethane  
Concen: 52.065 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

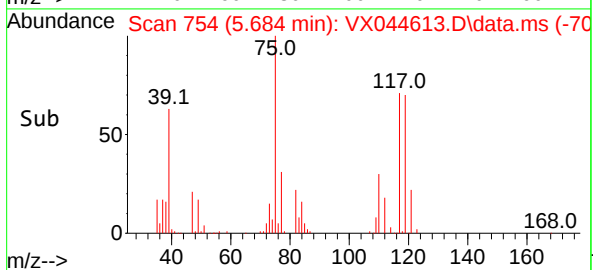
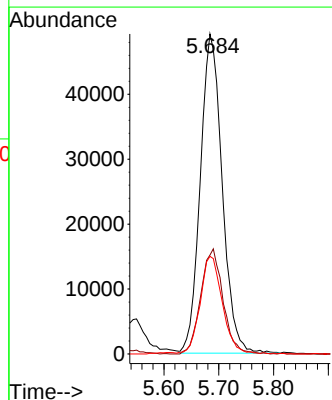
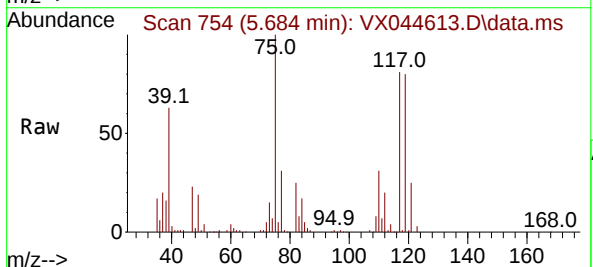
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

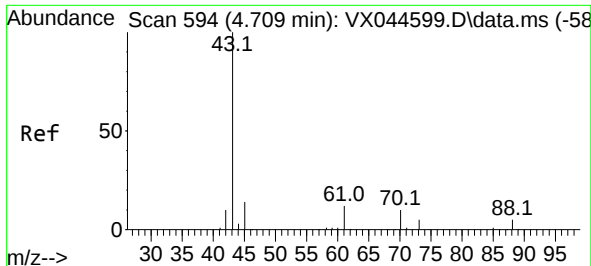
Tgt Ion:113 Resp: 105618  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.3 124.9  
192 17.2 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 52.027 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 75 Resp: 136474  
Ion Ratio Lower Upper  
75 100  
110 33.4 17.3 51.9  
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 57.053 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

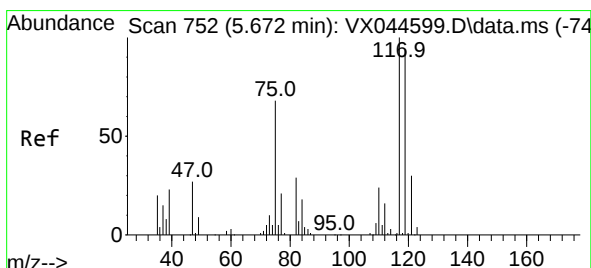
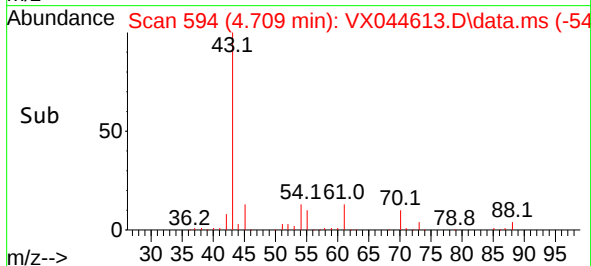
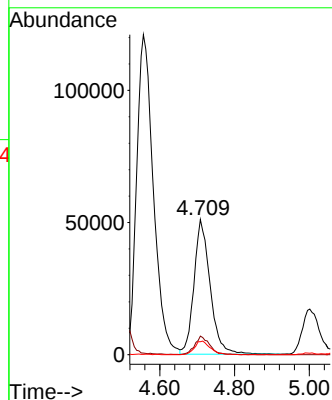
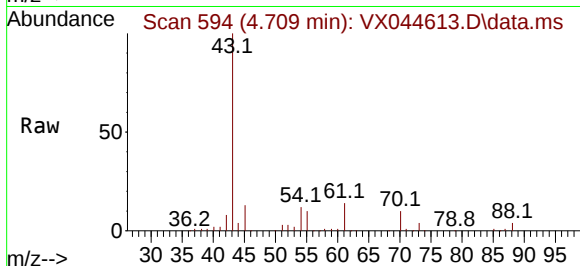
Tgt Ion: 43 Resp: 153095

Ion Ratio Lower Upper

43 100

61 12.8 9.9 14.9

70 9.8 8.0 12.0



#38

Carbon Tetrachloride

Concen: 51.595 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

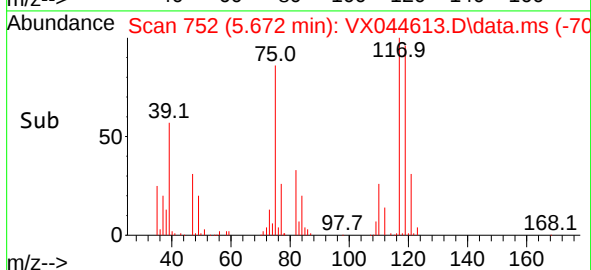
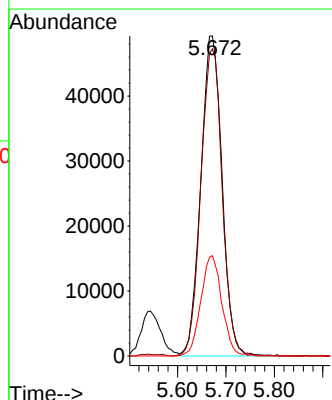
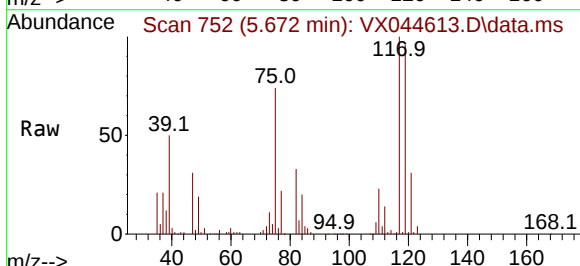
Tgt Ion: 117 Resp: 150161

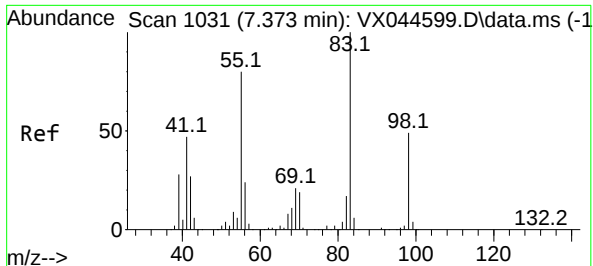
Ion Ratio Lower Upper

117 100

119 96.0 74.5 111.7

121 31.3 24.1 36.1





#39

Methylcyclohexane

Concen: 49.669 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

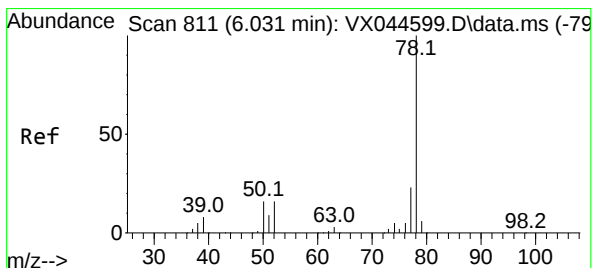
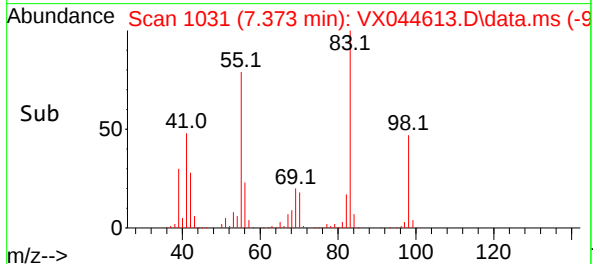
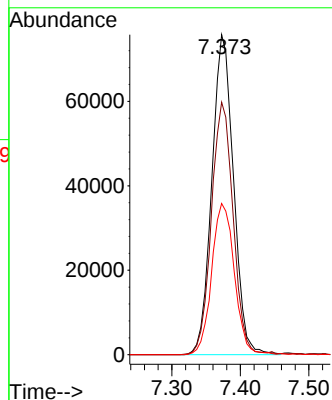
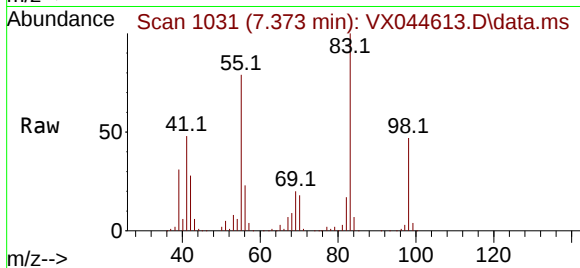
Tgt Ion: 83 Resp: 166246

Ion Ratio Lower Upper

83 100

55 78.9 64.1 96.1

98 47.3 38.9 58.3



#40

Benzene

Concen: 50.785 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044613.D

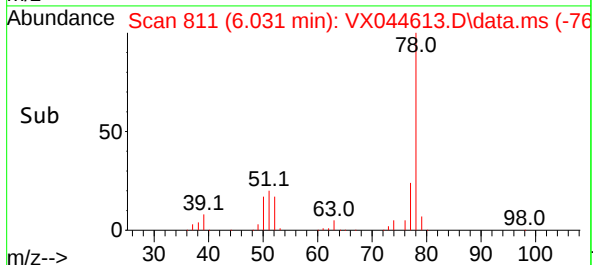
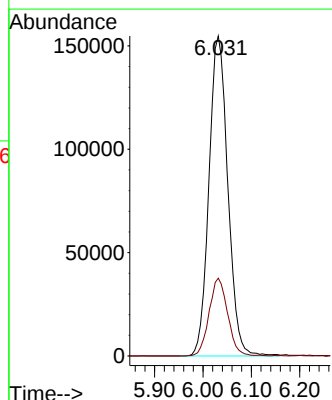
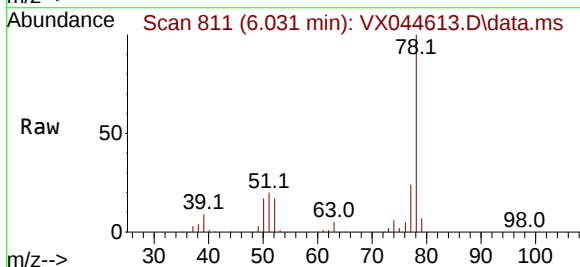
Acq: 07 Jan 2025 19:37

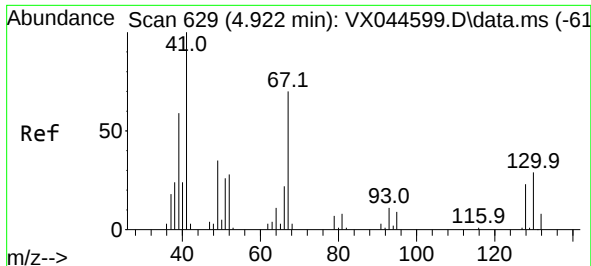
Tgt Ion: 78 Resp: 419445

Ion Ratio Lower Upper

78 100

77 24.3 18.8 28.2

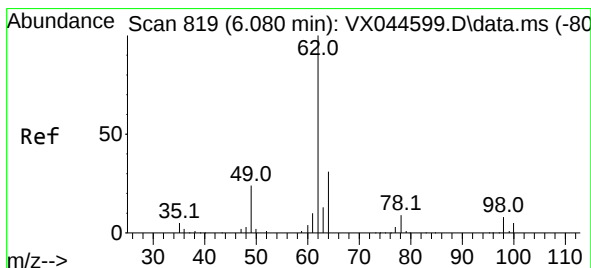
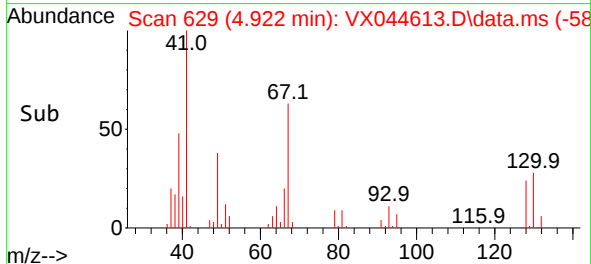
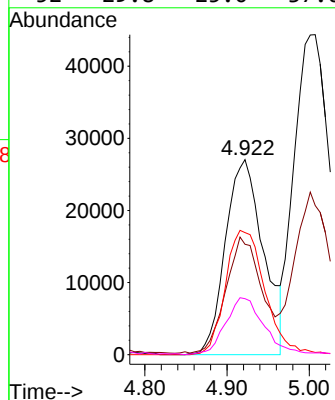
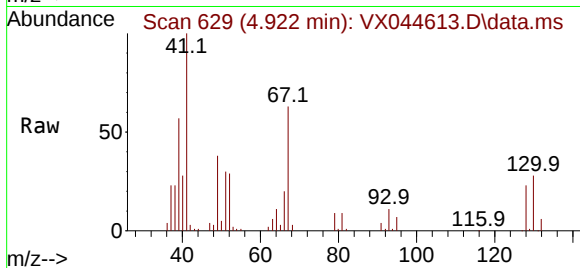




#41  
Methacrylonitrile  
Concen: 60.464 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

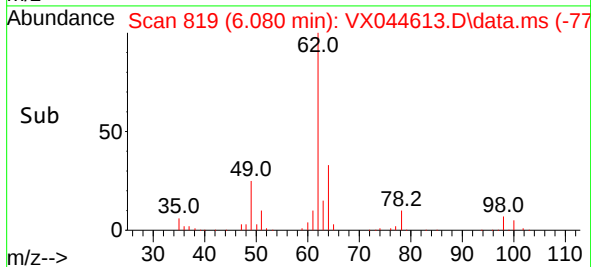
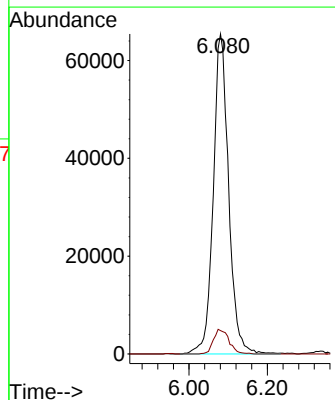
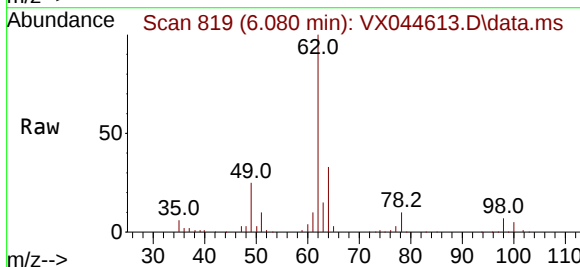
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

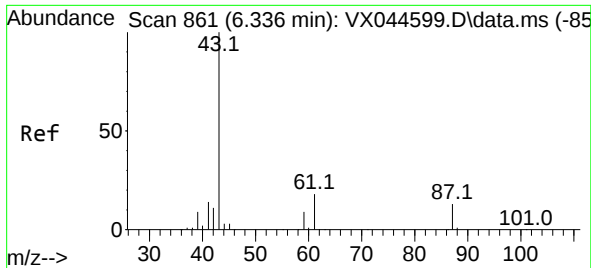
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 87090 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 55.5     | 47.0 70.4   |
| 67 66.2     | 57.4 86.2   |
| 52 29.8     | 25.0 37.6   |



#42  
1,2-Dichloroethane  
Concen: 55.178 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 178223 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 7.8      | 0.0 15.8     |

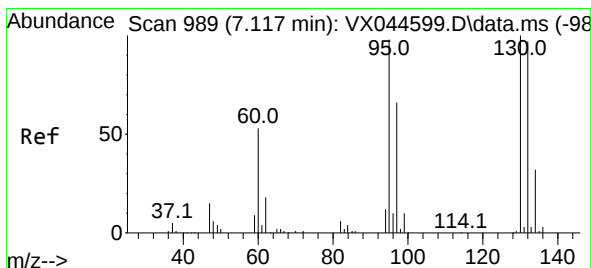
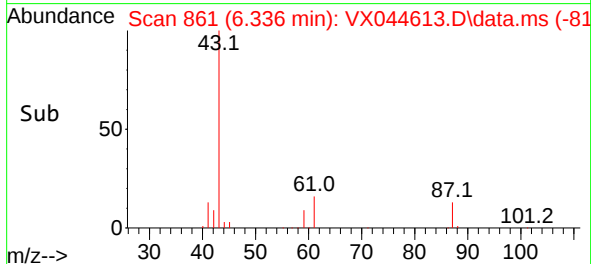
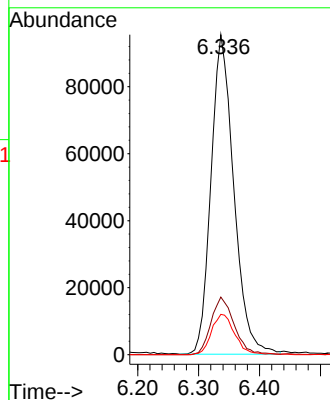
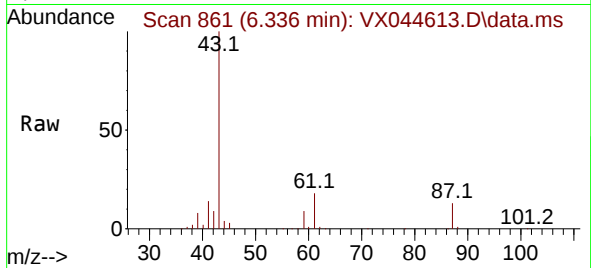




#43  
Isopropyl Acetate  
Concen: 56.022 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

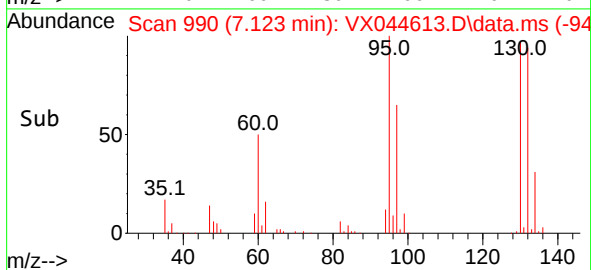
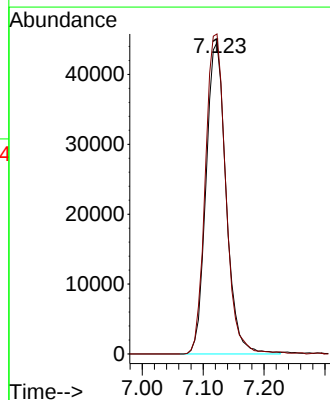
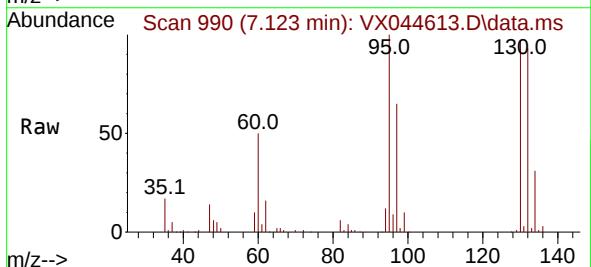
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

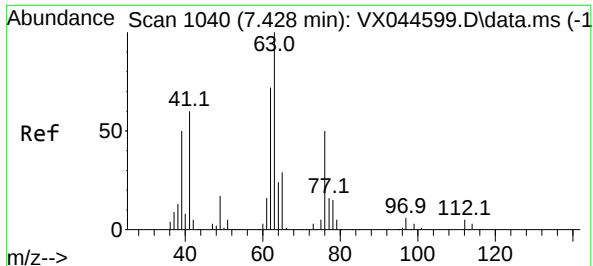
Tgt Ion: 43 Resp: 248008  
Ion Ratio Lower Upper  
43 100  
61 18.3 14.5 21.7  
87 13.0 10.1 15.1



#44  
Trichloroethene  
Concen: 48.261 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion:130 Resp: 101890  
Ion Ratio Lower Upper  
130 100  
95 102.8 0.0 195.6





#45

1,2-Dichloropropane

Concen: 51.880 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

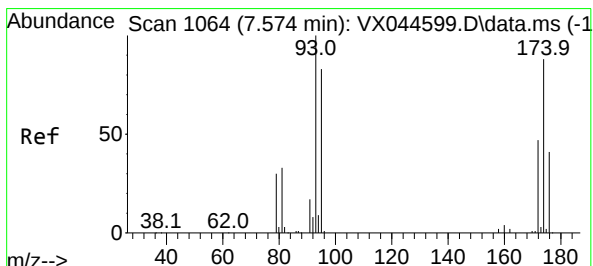
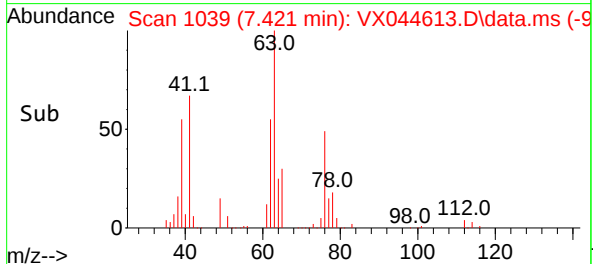
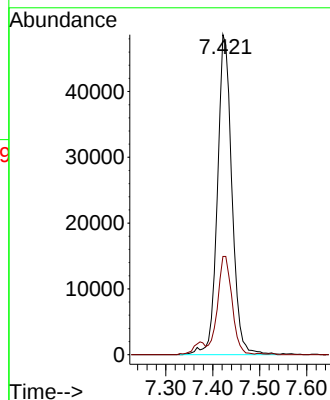
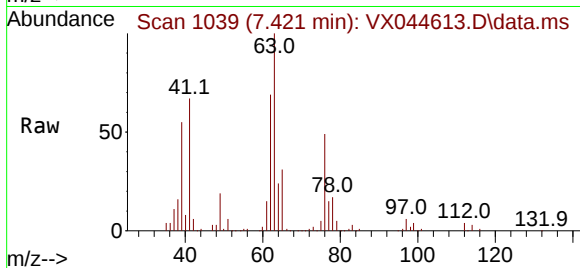
VSTDCCC050EC

Tgt Ion: 63 Resp: 104468

Ion Ratio Lower Upper

63 100

65 30.7 23.0 34.4



#46

Dibromomethane

Concen: 52.190 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

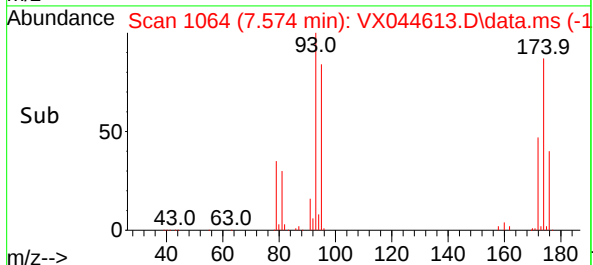
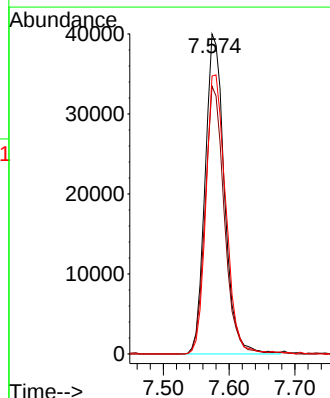
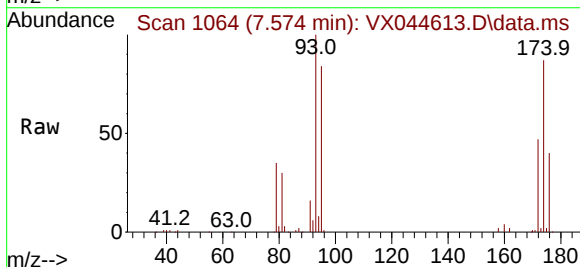
Tgt Ion: 93 Resp: 81733

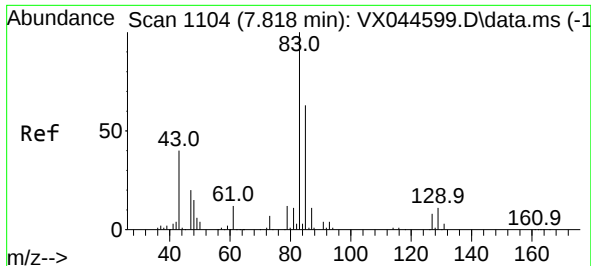
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

174 89.3 73.4 110.0

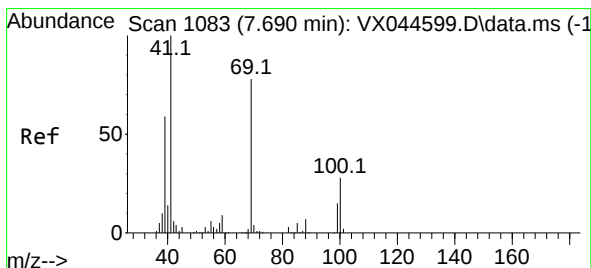
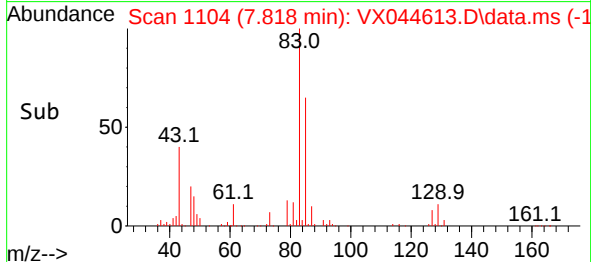
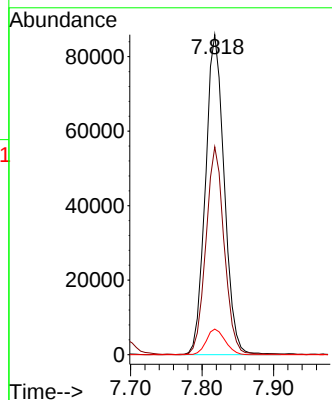
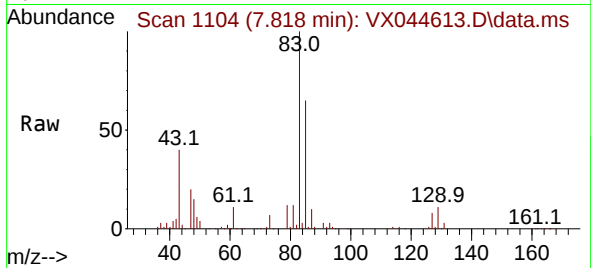




#47  
Bromodichloromethane  
Concen: 54.997 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

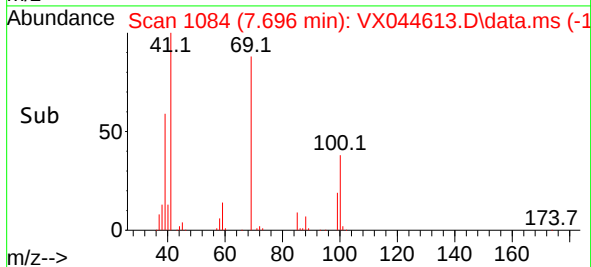
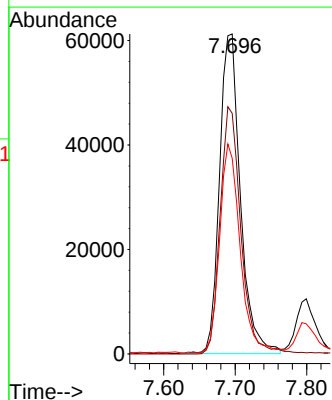
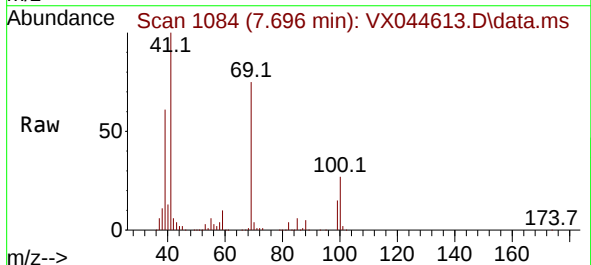
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

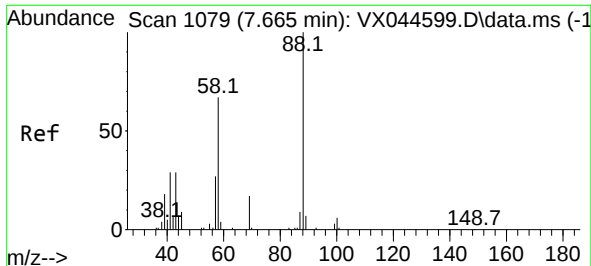
Tgt Ion: 83 Resp: 156733  
Ion Ratio Lower Upper  
83 100  
85 64.8 50.4 75.6  
127 8.0 6.2 9.4



#48  
Methyl methacrylate  
Concen: 58.879 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 41 Resp: 124321  
Ion Ratio Lower Upper  
41 100  
69 77.2 62.9 94.3  
39 64.0 48.9 73.3





#49

1,4-Dioxane

Concen: 1249.198 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

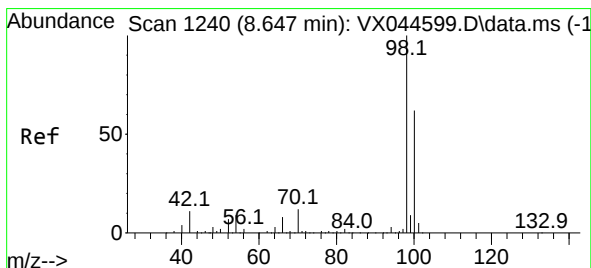
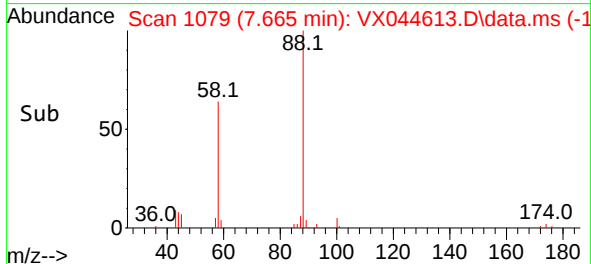
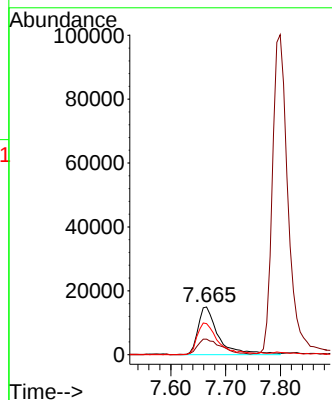
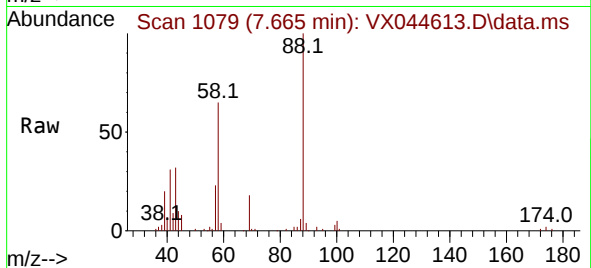
Tgt Ion: 88 Resp: 38760

Ion Ratio Lower Upper

88 100

43 37.0 29.5 44.3

58 67.3 56.3 84.5



#50

Toluene-d8

Concen: 51.967 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044613.D

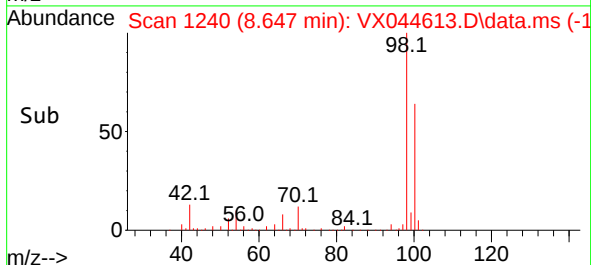
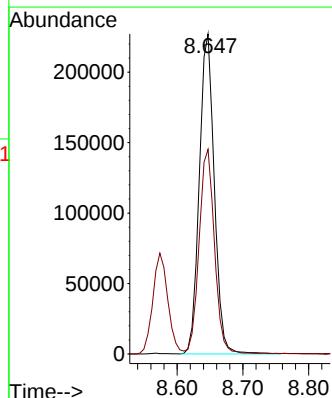
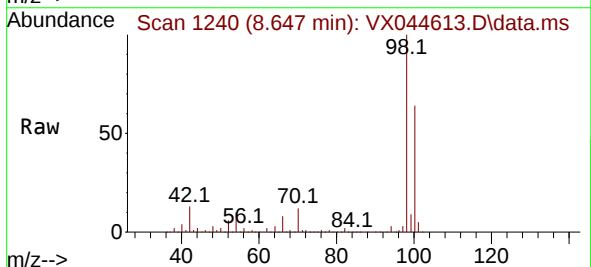
Acq: 07 Jan 2025 19:37

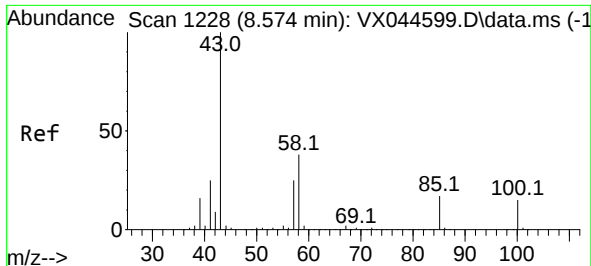
Tgt Ion: 98 Resp: 360090

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7

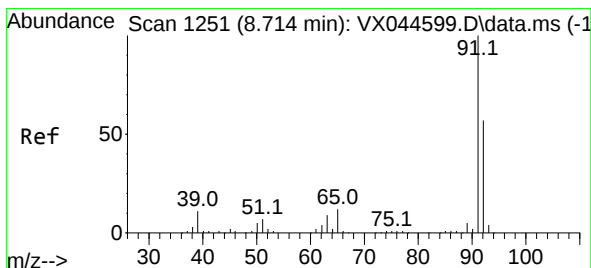
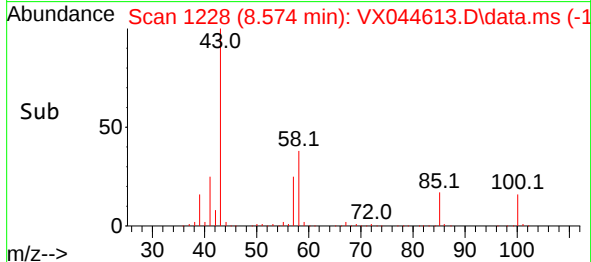
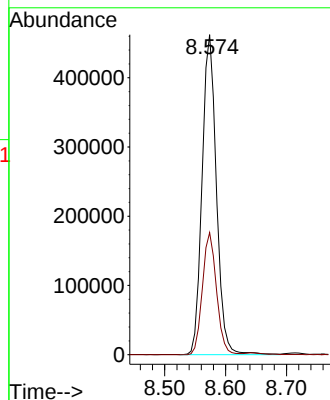
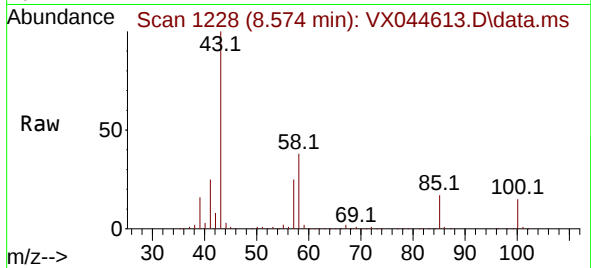




#51  
4-Methyl-2-Pentanone  
Concen: 292.284 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

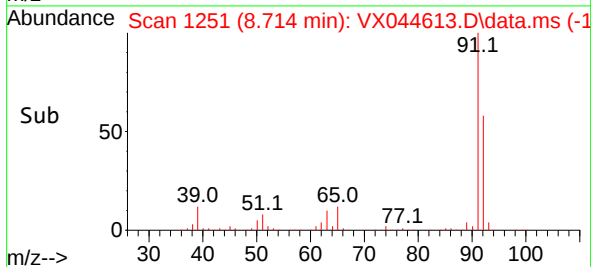
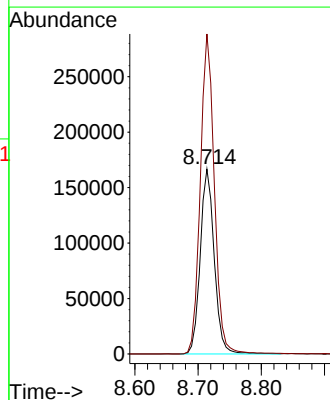
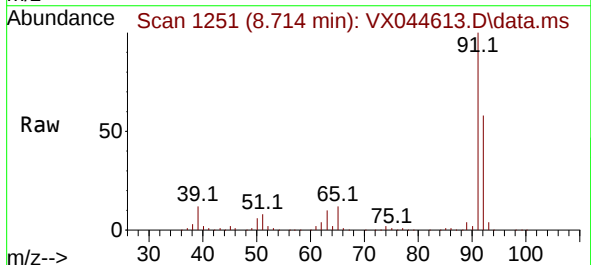
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

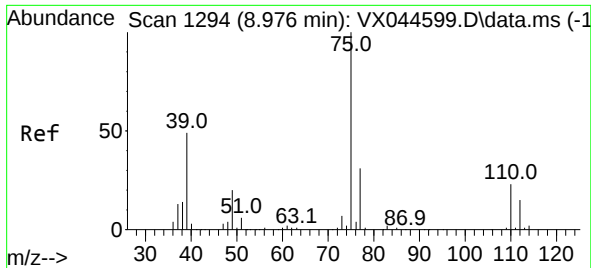
Tgt Ion: 43 Resp: 756374  
Ion Ratio Lower Upper  
43 100  
58 37.4 30.0 45.0



#52  
Toluene  
Concen: 51.653 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 92 Resp: 257402  
Ion Ratio Lower Upper  
92 100  
91 173.7 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 55.515 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

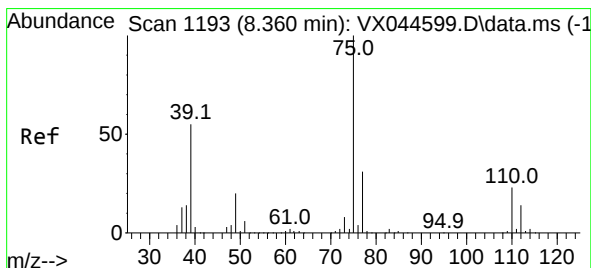
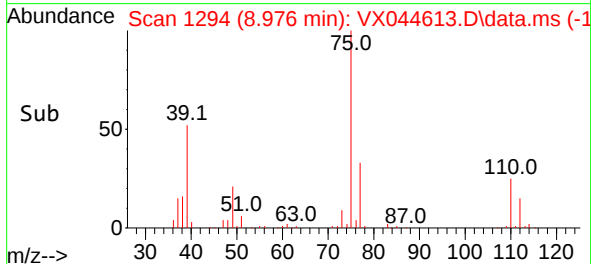
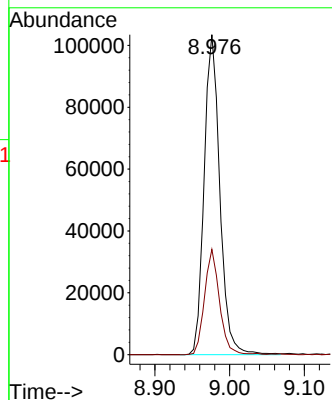
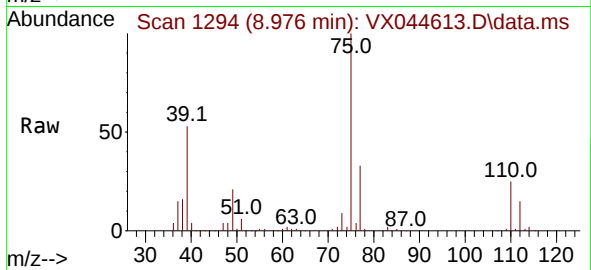
VSTDCCC050EC

Tgt Ion: 75 Resp: 151224

Ion Ratio Lower Upper

75 100

77 32.9 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 53.656 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

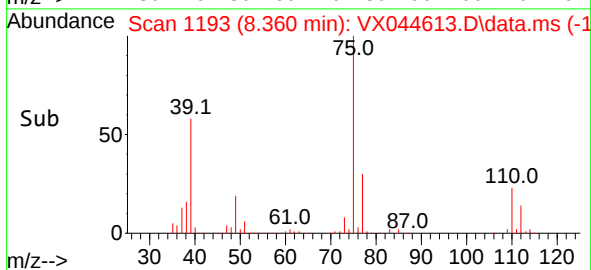
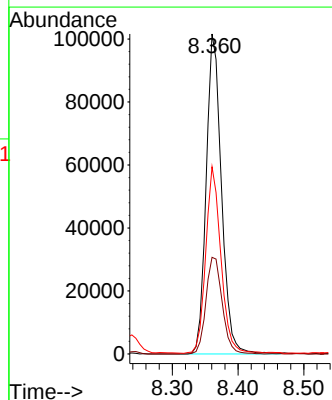
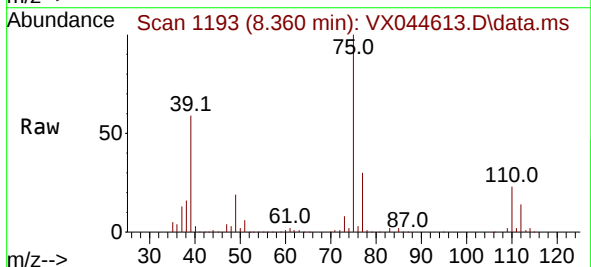
Tgt Ion: 75 Resp: 164267

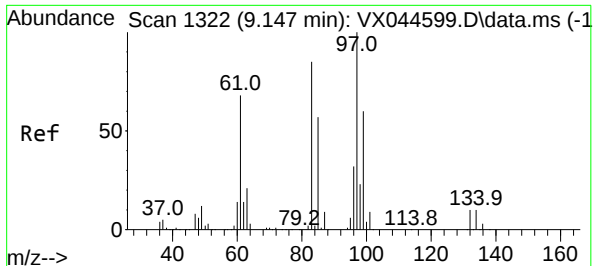
Ion Ratio Lower Upper

75 100

77 30.2 24.5 36.7

39 58.3 44.3 66.5



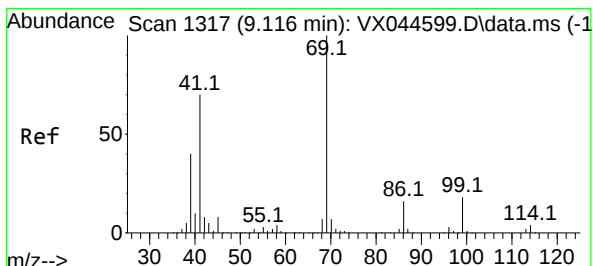
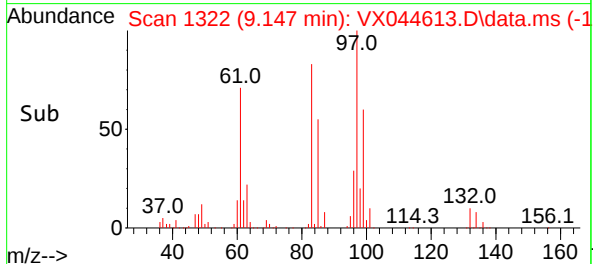
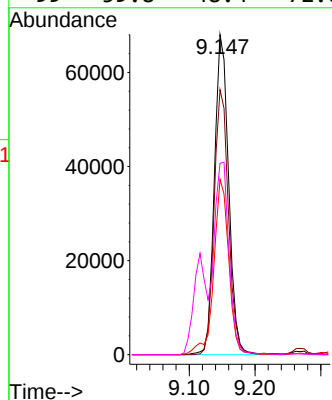
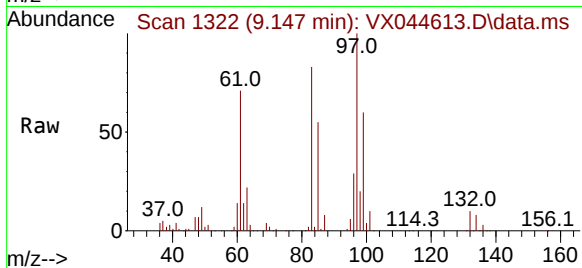


#55  
1,1,2-Trichloroethane  
Concen: 52.771 ug/l  
RT: 9.147 min Scan# 1322  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 103095

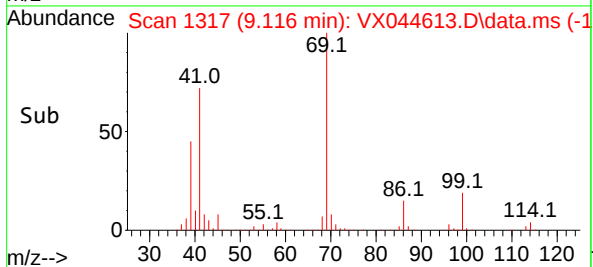
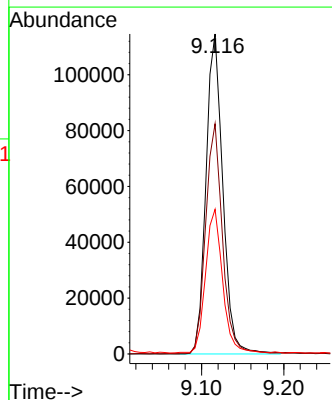
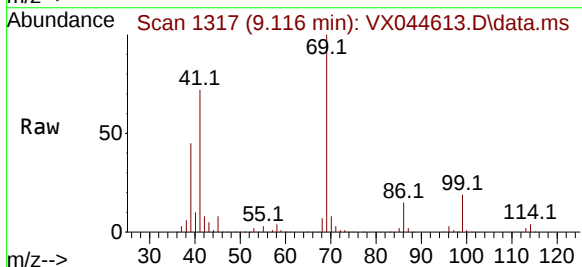
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.8  | 68.0  | 102.0 |
| 85  | 54.8  | 45.4  | 68.0  |
| 99  | 59.8  | 48.4  | 72.6  |

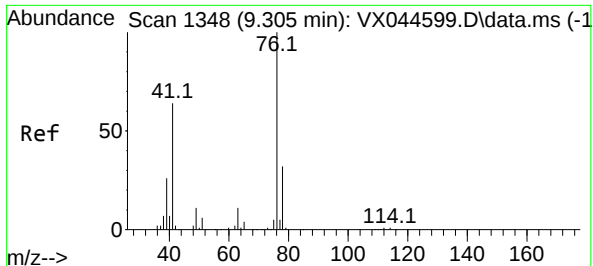


#56  
Ethyl methacrylate  
Concen: 57.469 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 69 Resp: 163278

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.0  | 57.7  | 86.5  |
| 39  | 45.4  | 33.7  | 50.5  |





#57

1,3-Dichloropropane

Concen: 53.383 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

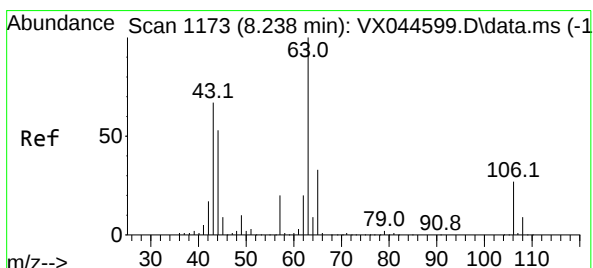
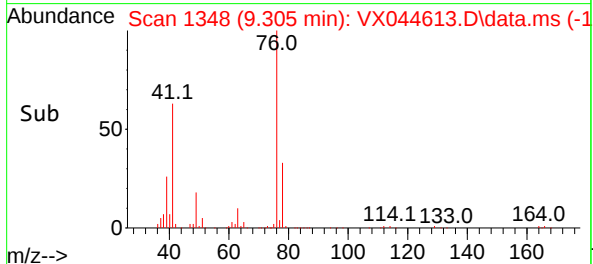
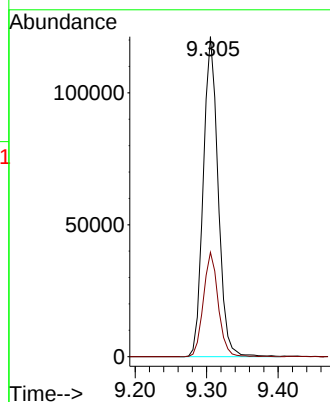
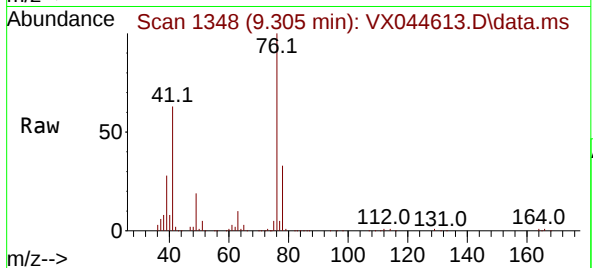
VSTDCCC050EC

Tgt Ion: 76 Resp: 175128

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 278.235 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044613.D

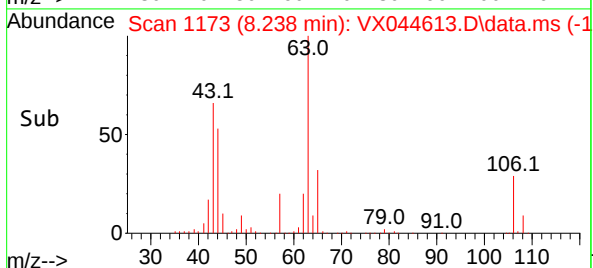
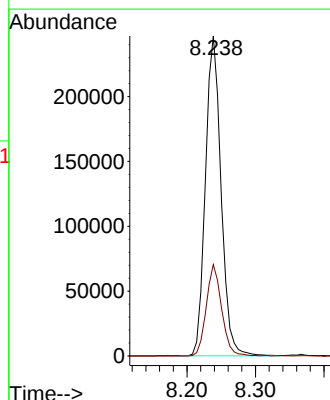
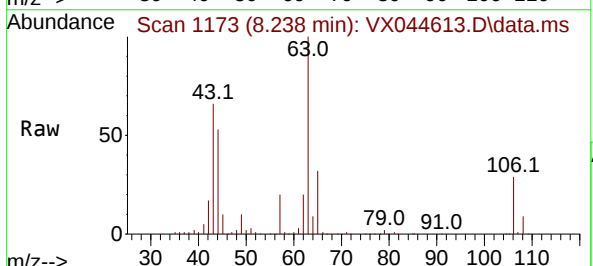
Acq: 07 Jan 2025 19:37

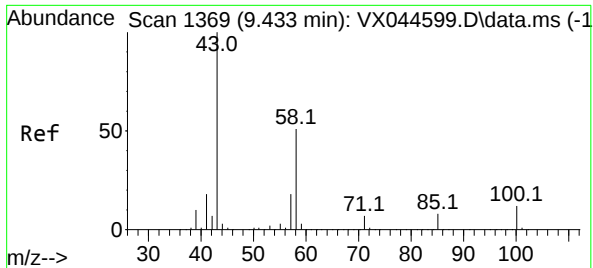
Tgt Ion: 63 Resp: 391895

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

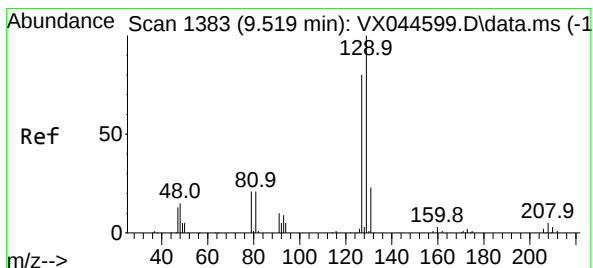
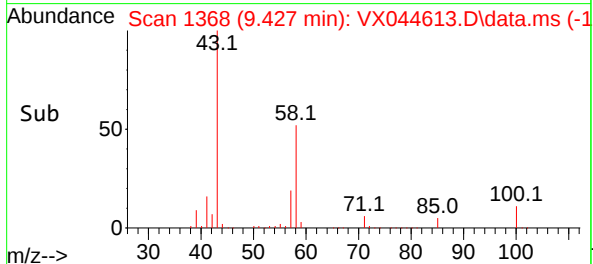
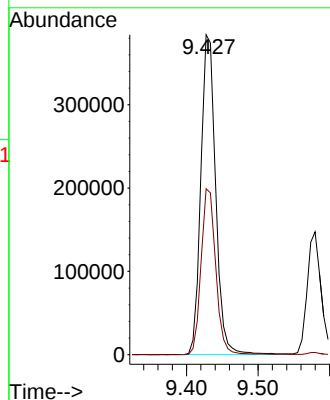
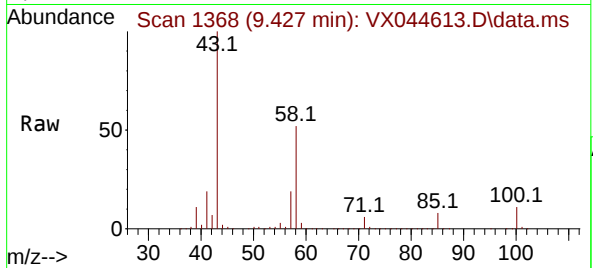




#59  
2-Hexanone  
Concen: 302.247 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

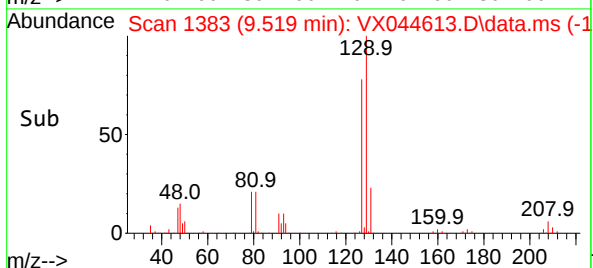
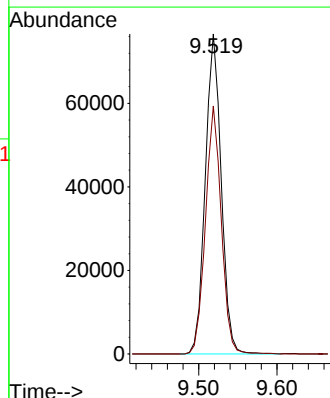
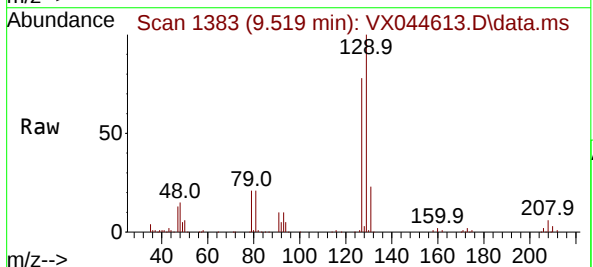
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

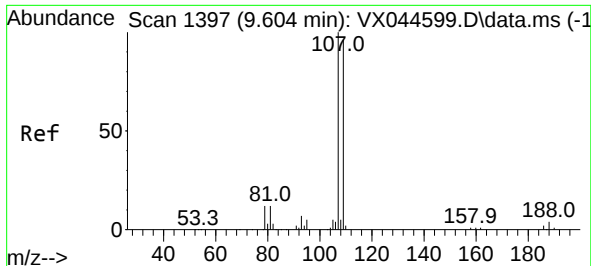
Tgt Ion: 43 Resp: 553155  
Ion Ratio Lower Upper  
43 100  
58 51.5 25.4 76.4



#60  
Dibromochloromethane  
Concen: 55.427 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion:129 Resp: 107971  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.9 116.7

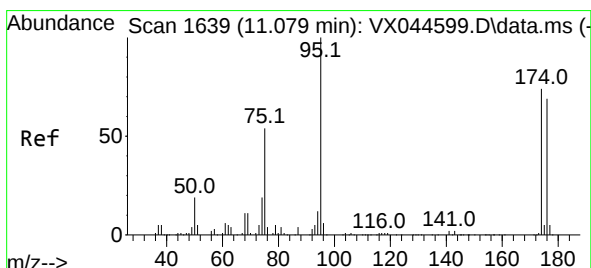
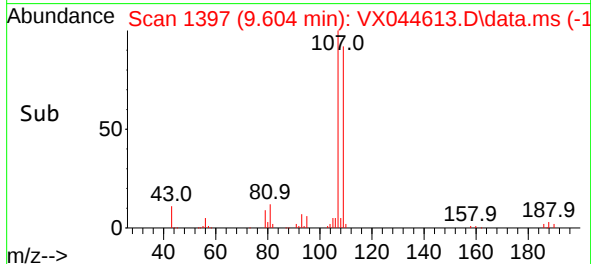
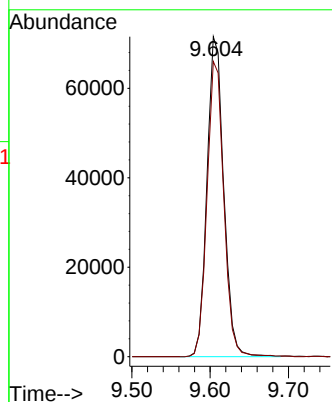
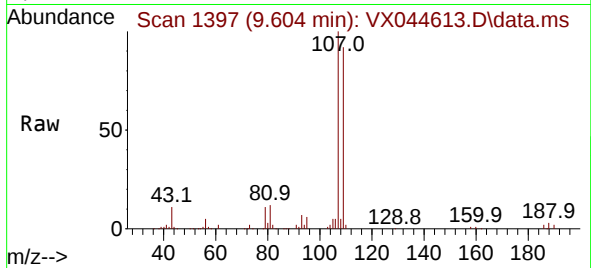




#61  
1,2-Dibromoethane  
Concen: 53.635 ug/l  
RT: 9.604 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

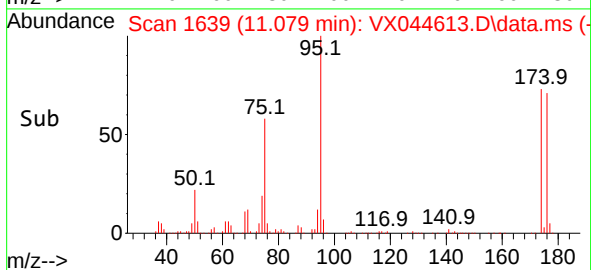
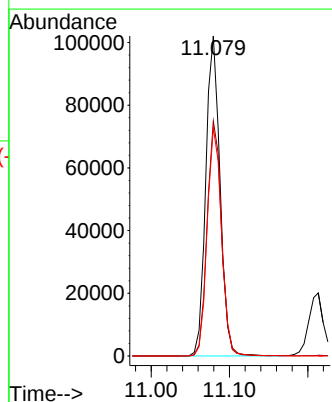
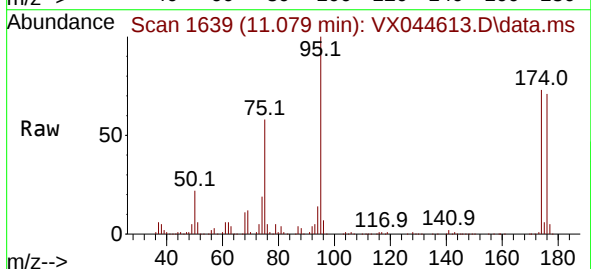
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

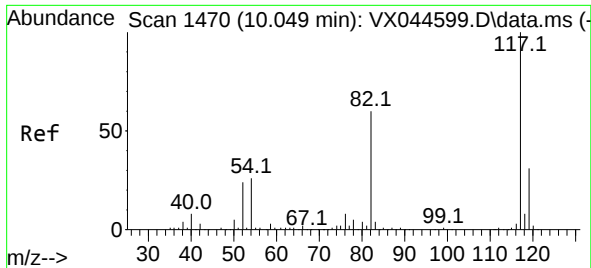
Tgt Ion:107 Resp: 105825  
Ion Ratio Lower Upper  
107 100  
109 92.7 76.7 115.1



#62  
4-Bromofluorobenzene  
Concen: 52.415 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 95 Resp: 128195  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 148.8  
176 71.8 0.0 139.8

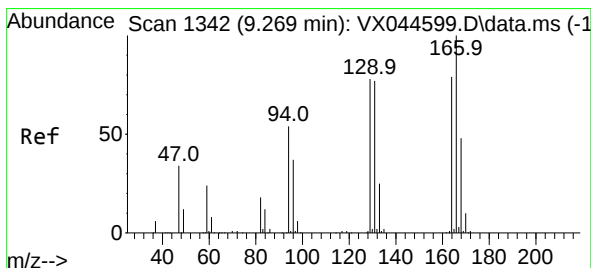
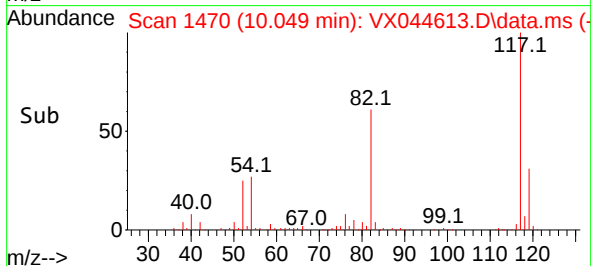
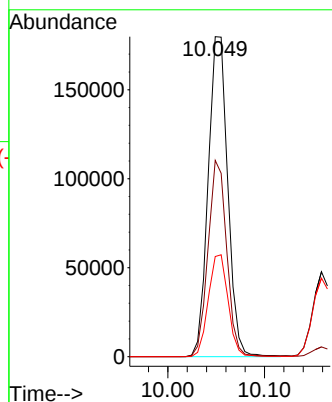
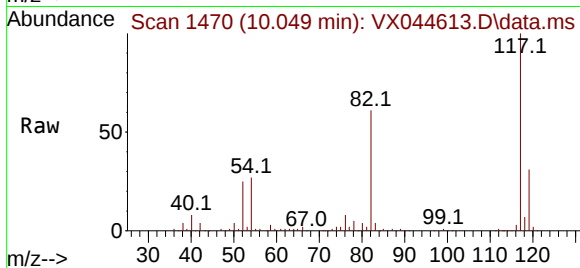




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

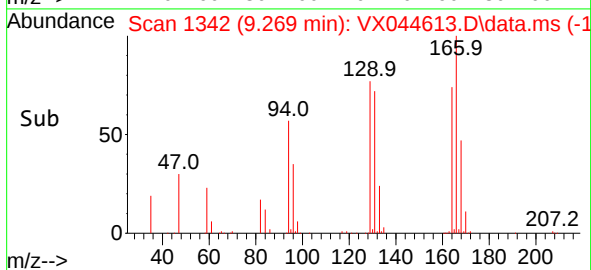
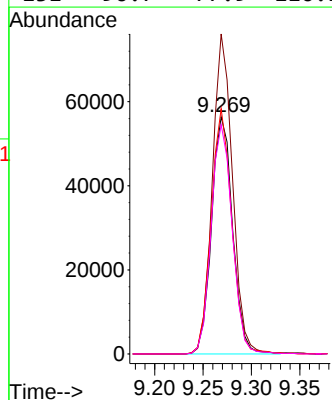
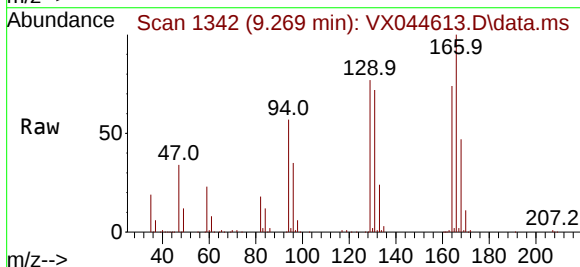
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

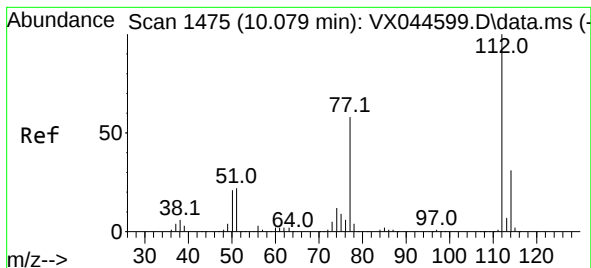
Tgt Ion:117 Resp: 253685  
Ion Ratio Lower Upper  
117 100  
82 61.3 47.8 71.6  
119 31.3 25.0 37.6



#64  
Tetrachloroethene  
Concen: 47.587 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion:164 Resp: 85353  
Ion Ratio Lower Upper  
164 100  
166 135.0 101.5 152.3  
129 103.5 78.9 118.3  
131 96.7 77.9 116.9

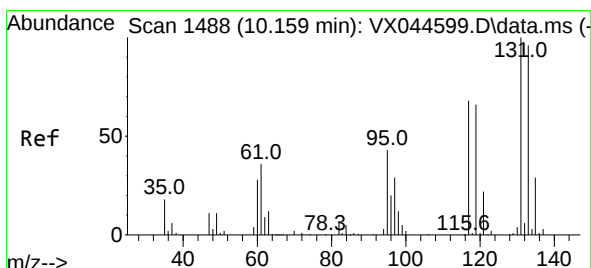
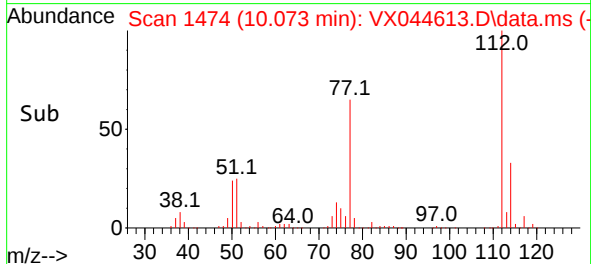
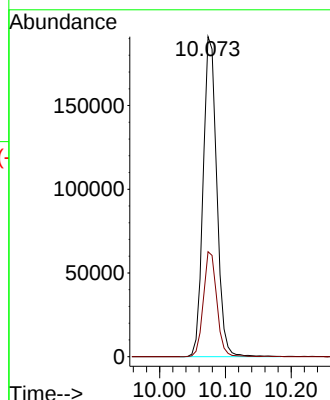
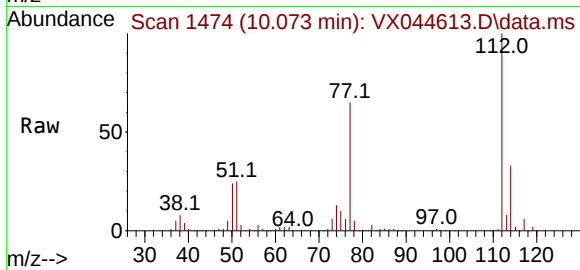




#65  
Chlorobenzene  
Concen: 51.238 ug/l  
RT: 10.073 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

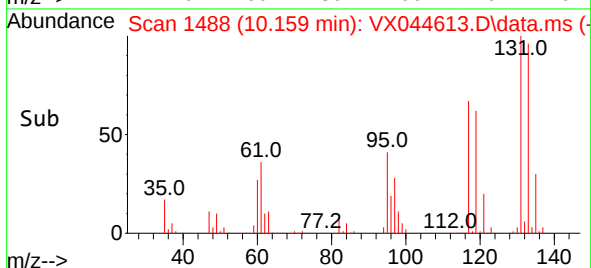
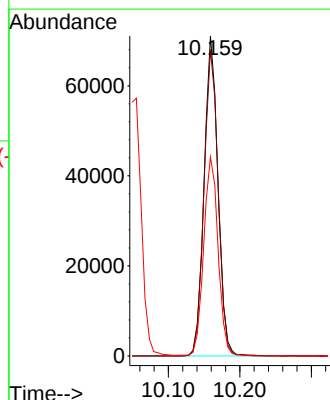
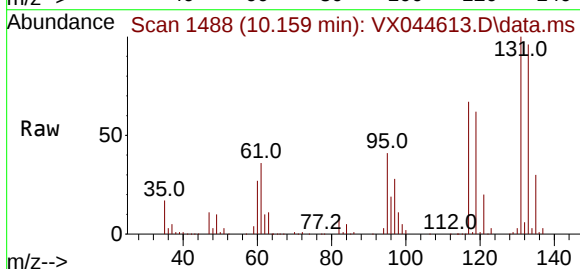
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

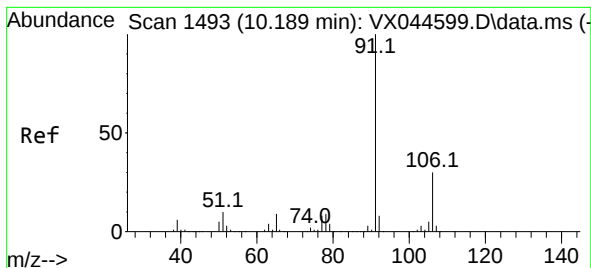
Tgt Ion:112 Resp: 275873  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.429 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion:131 Resp: 95543  
Ion Ratio Lower Upper  
131 100  
133 97.6 48.0 144.0  
119 64.7 32.8 98.4





#67

Ethyl Benzene

Concen: 53.443 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

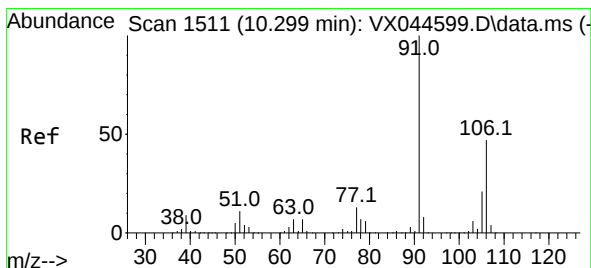
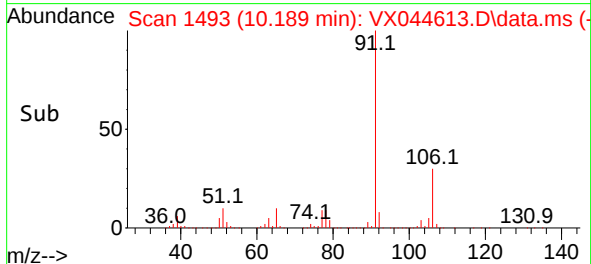
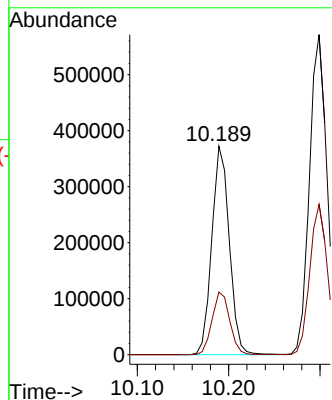
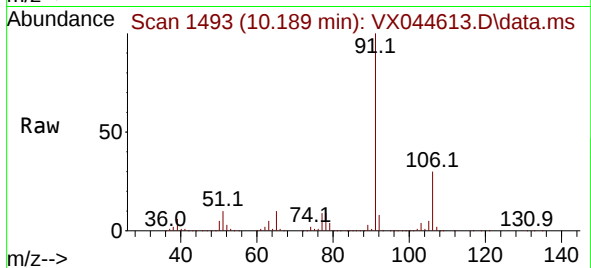
VSTDCCC050EC

Tgt Ion: 91 Resp: 494122

Ion Ratio Lower Upper

91 100

106 30.0 23.8 35.8



#68

m/p-Xylenes

Concen: 107.604 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044613.D

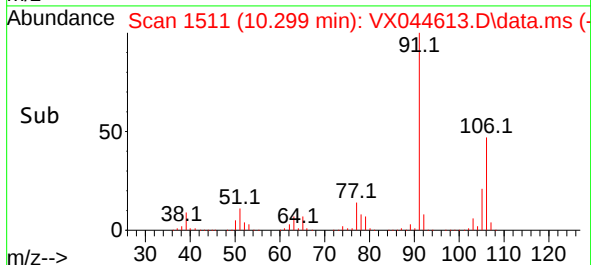
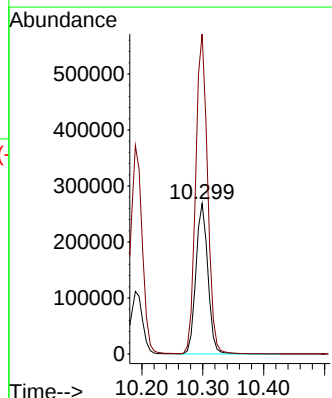
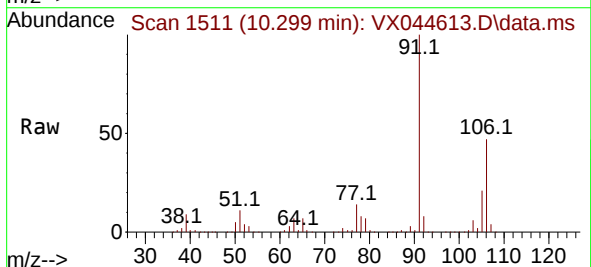
Acq: 07 Jan 2025 19:37

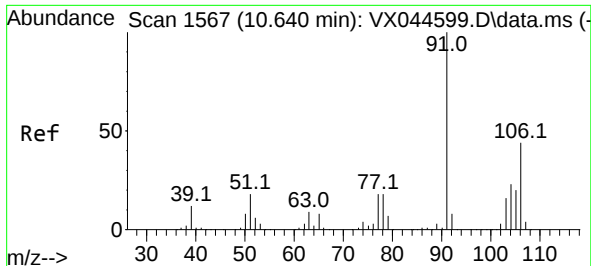
Tgt Ion:106 Resp: 365584

Ion Ratio Lower Upper

106 100

91 211.7 170.4 255.6

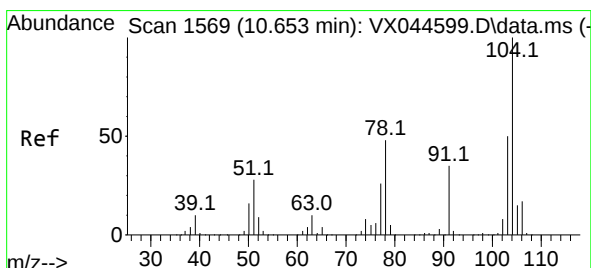
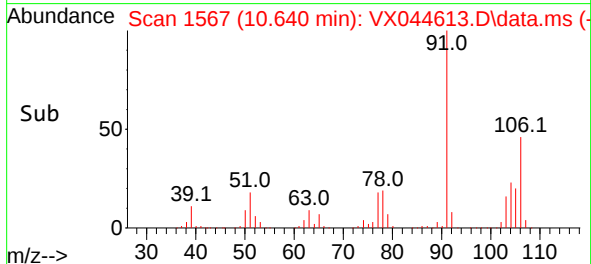
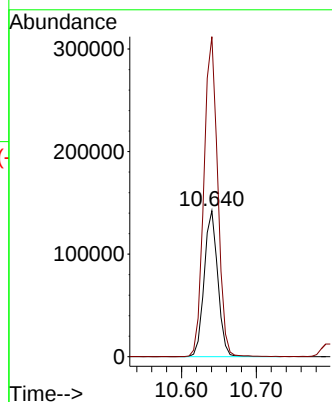
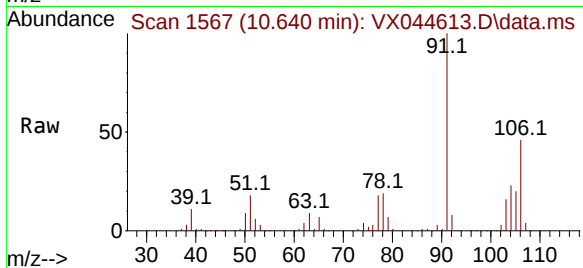




#69  
o-Xylene  
Concen: 52.289 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

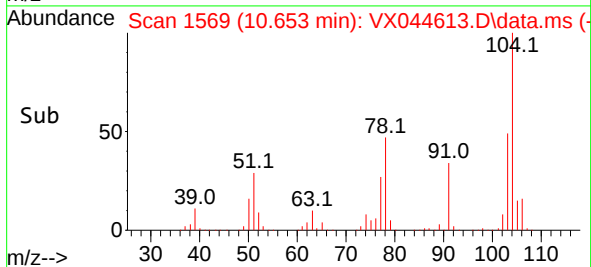
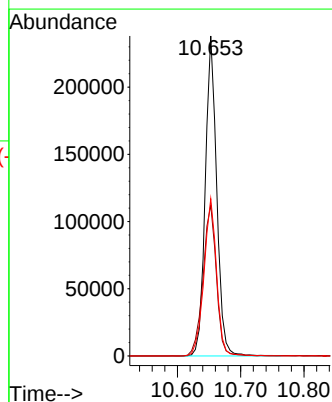
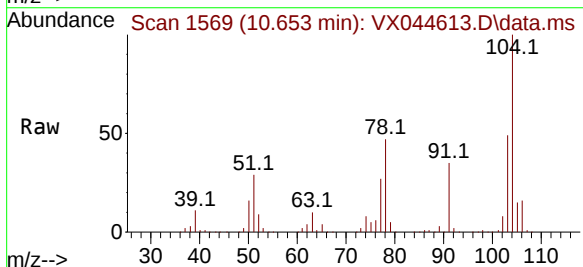
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

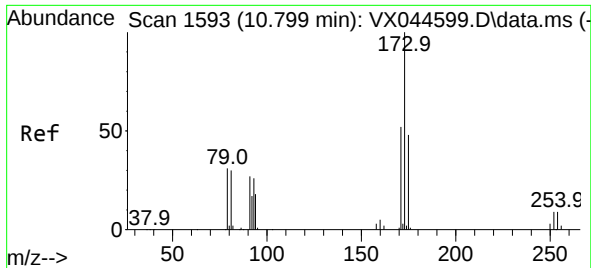
Tgt Ion:106 Resp: 179313  
Ion Ratio Lower Upper  
106 100  
91 223.1 112.3 336.8



#70  
Styrene  
Concen: 54.813 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion:104 Resp: 300652  
Ion Ratio Lower Upper  
104 100  
78 55.0 44.0 66.0  
103 54.3 43.8 65.6

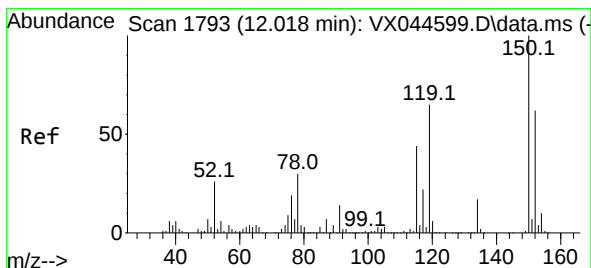
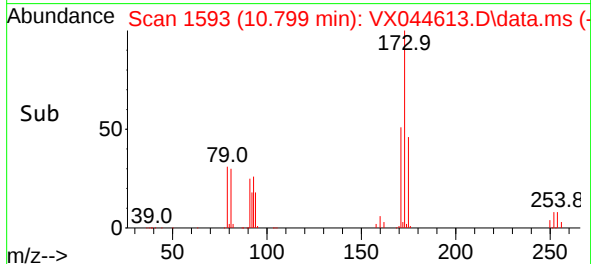
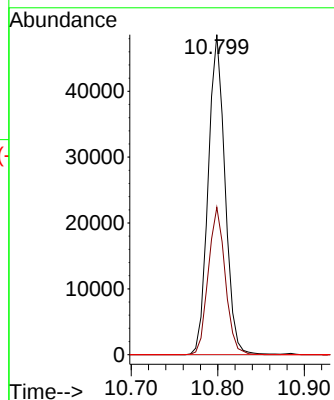
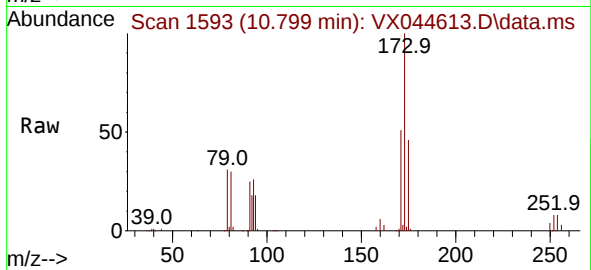




#71  
Bromoform  
Concen: 52.026 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

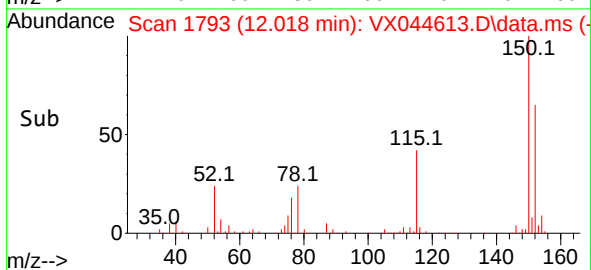
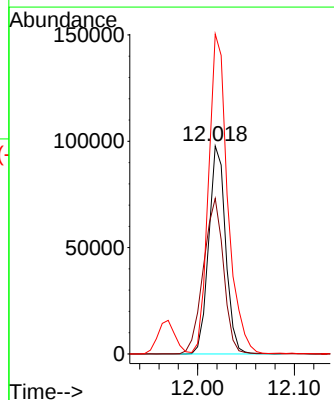
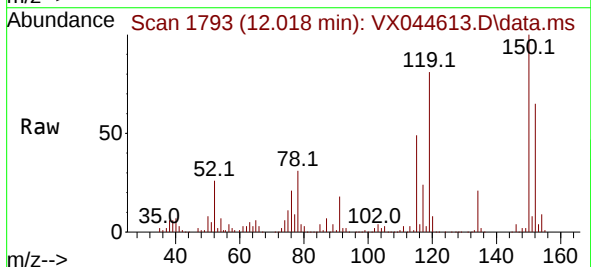
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

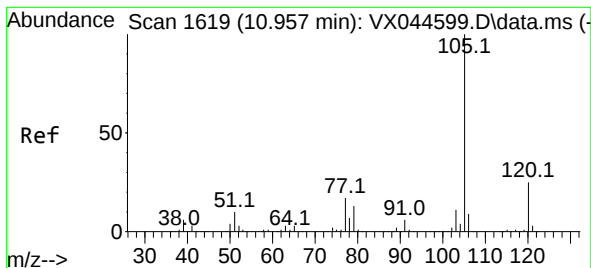
Tgt Ion:173 Resp: 65460  
Ion Ratio Lower Upper  
173 100  
175 46.5 24.6 73.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion:152 Resp: 118886  
Ion Ratio Lower Upper  
152 100  
115 89.6 44.4 133.1  
150 173.3 0.0 355.0





#73

Isopropylbenzene

Concen: 52.618 ug/l

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

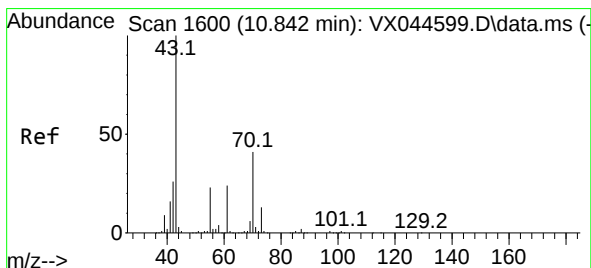
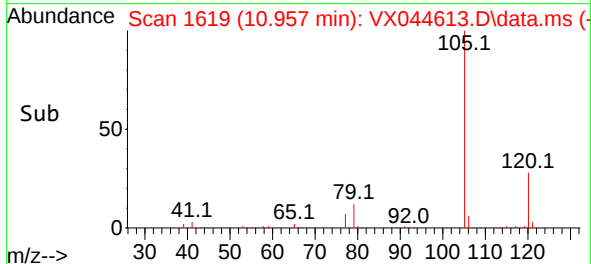
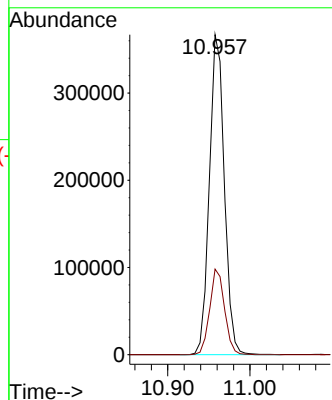
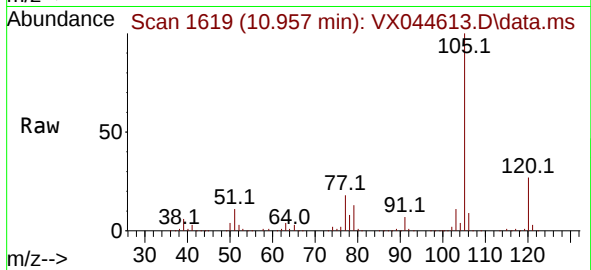
VSTDCCC050EC

Tgt Ion:105 Resp: 463455

Ion Ratio Lower Upper

105 100

120 26.6 13.0 38.9



#74

N-ethyl acetate

Concen: 59.395 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Tgt Ion: 43 Resp: 212270

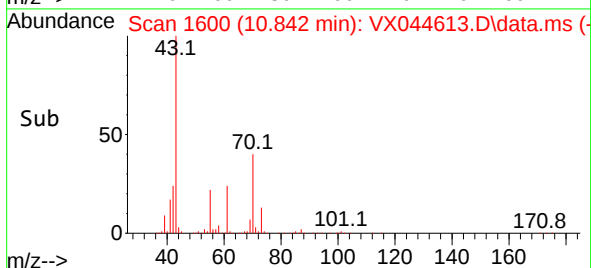
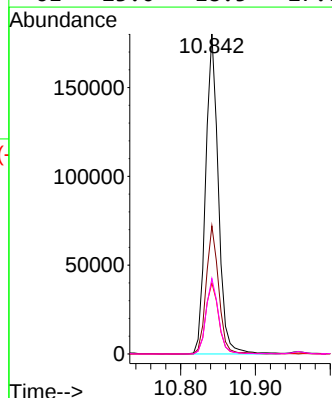
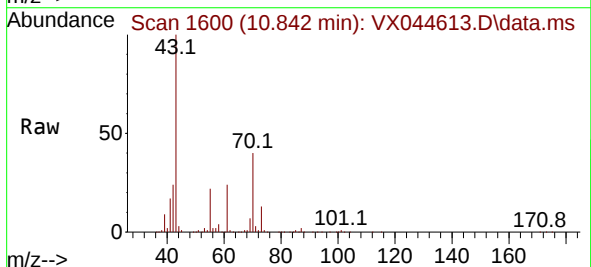
Ion Ratio Lower Upper

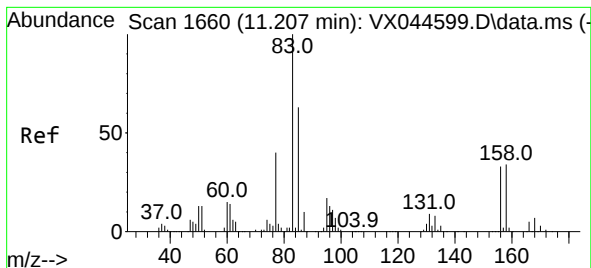
43 100

70 39.5 32.9 49.3

55 22.6 19.0 28.6

61 23.0 18.5 27.7

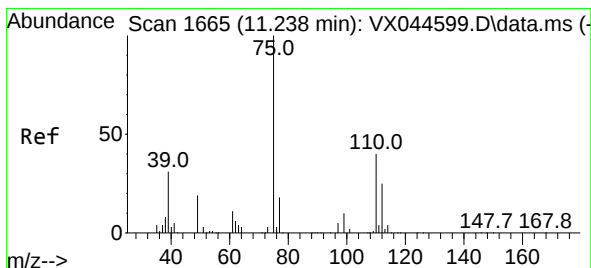
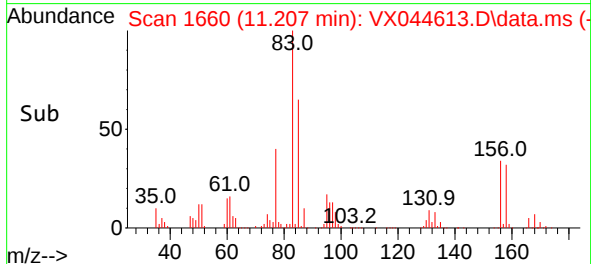
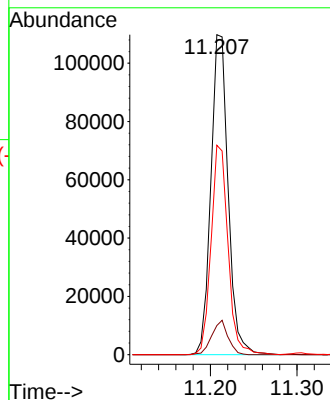
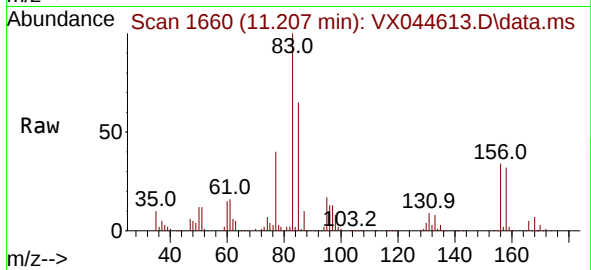




#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.439 ug/l  
RT: 11.207 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

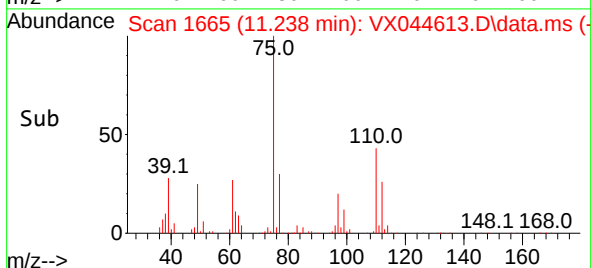
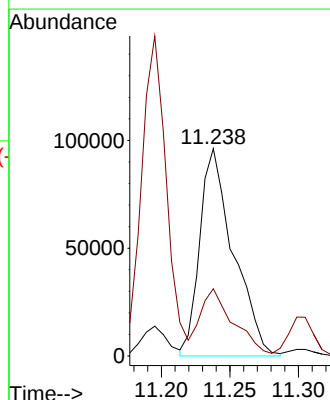
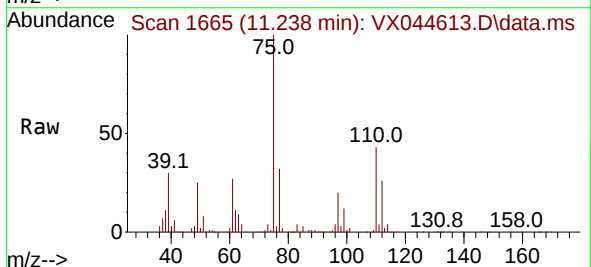
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

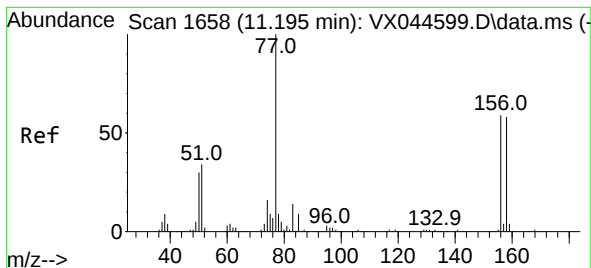
Tgt Ion: 83 Resp: 151715  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.0 15.0  
85 64.4 31.9 95.5



#76  
1,2,3-Trichloropropane  
Concen: 69.109 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 75 Resp: 164701  
Ion Ratio Lower Upper  
75 100  
77 32.0 21.1 63.1





#77

Bromobenzene

Concen: 51.994 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

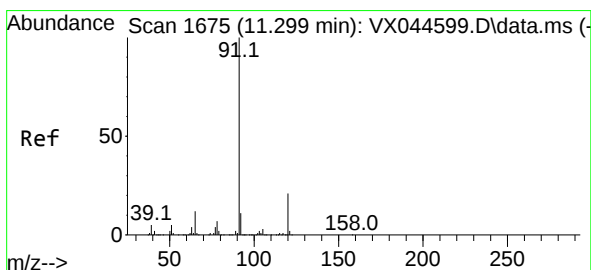
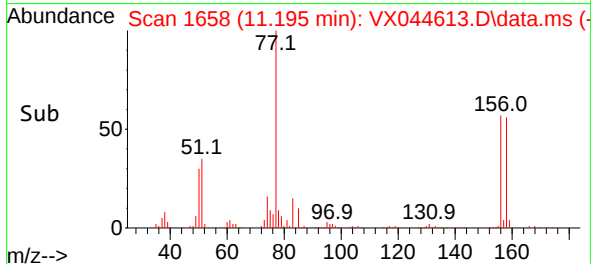
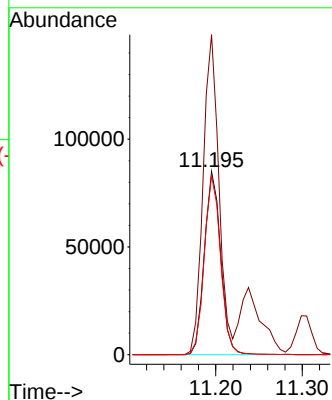
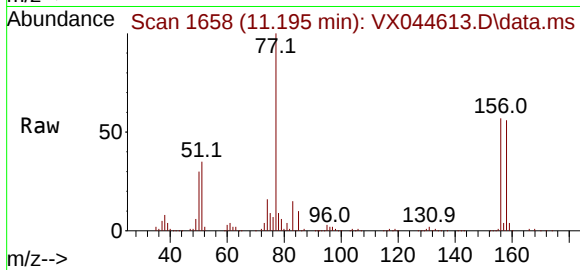
Tgt Ion:156 Resp: 111248

Ion Ratio Lower Upper

156 100

77 168.9 85.7 257.1

158 97.4 49.9 149.6



#78

n-propylbenzene

Concen: 53.141 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044613.D

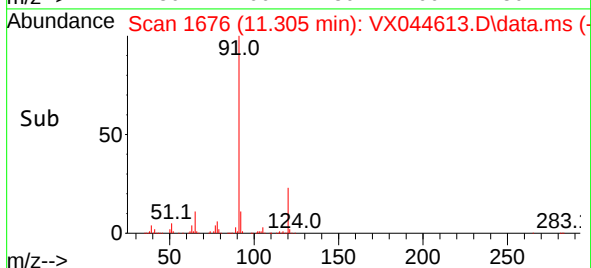
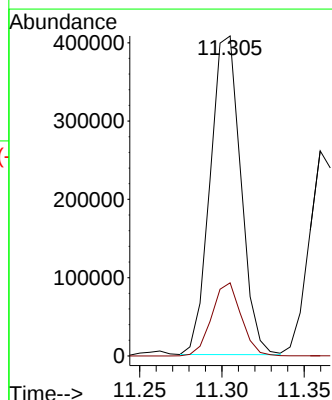
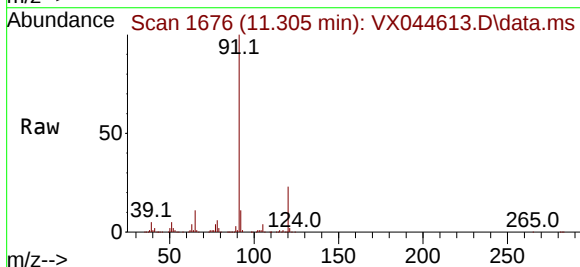
Acq: 07 Jan 2025 19:37

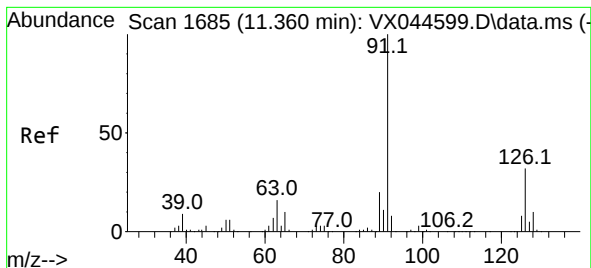
Tgt Ion: 91 Resp: 527200

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5





#79

2-Chlorotoluene

Concen: 50.916 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

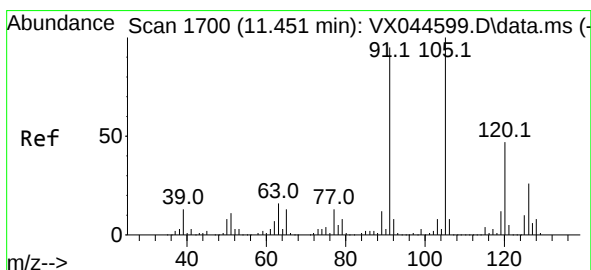
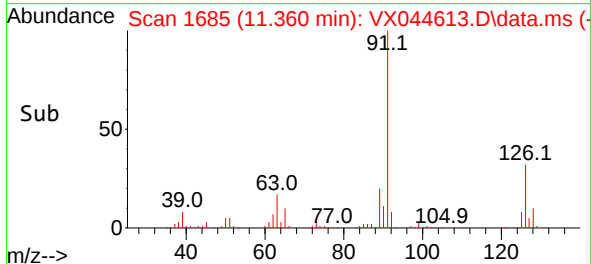
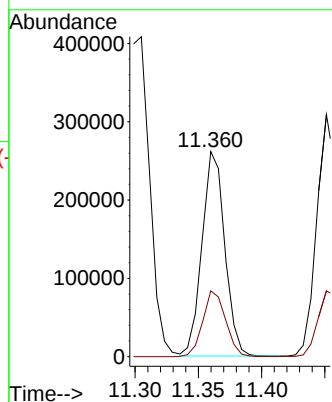
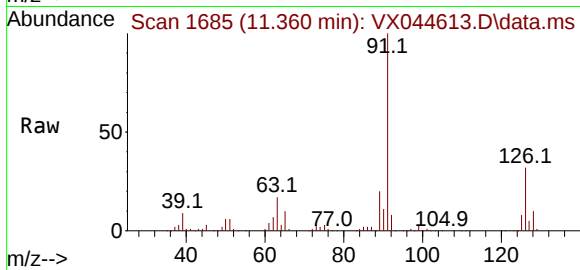
VSTDCCC050EC

Tgt Ion: 91 Resp: 327328

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 53.347 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044613.D

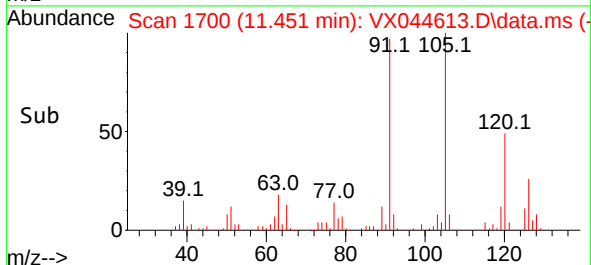
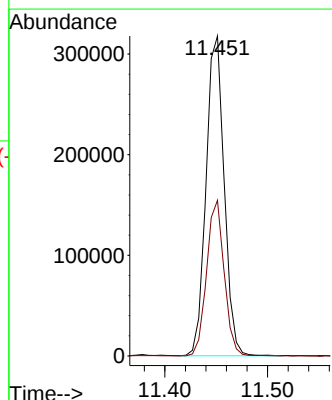
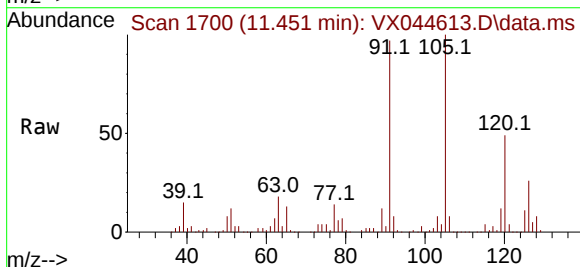
Acq: 07 Jan 2025 19:37

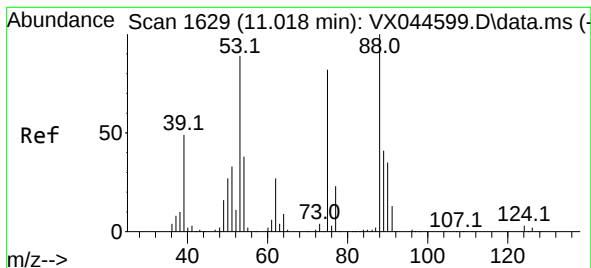
Tgt Ion: 105 Resp: 389590

Ion Ratio Lower Upper

105 100

120 47.1 23.5 70.5

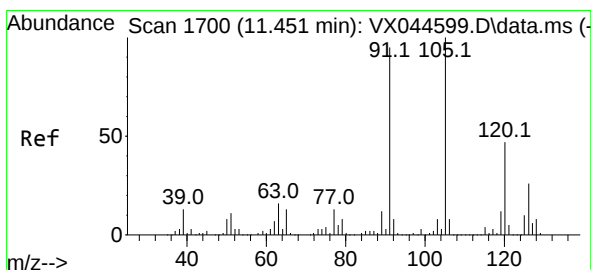
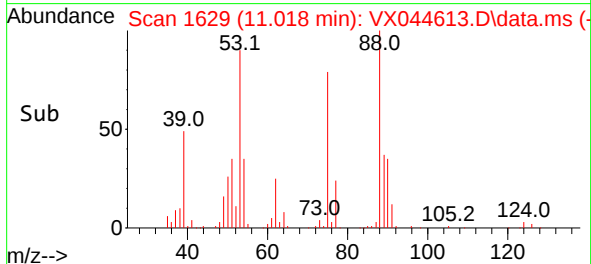
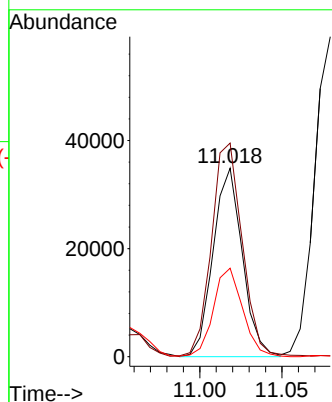
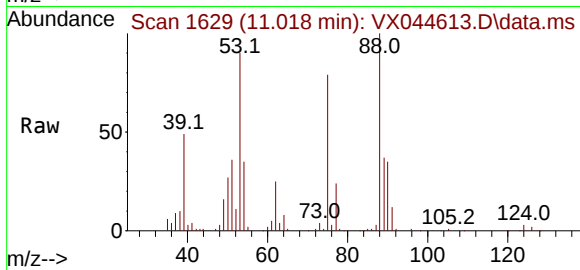




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 55.176 ug/l  
 RT: 11.018 min Scan# 1629  
 Delta R.T. 0.000 min  
 Lab File: VX044613.D  
 Acq: 07 Jan 2025 19:37

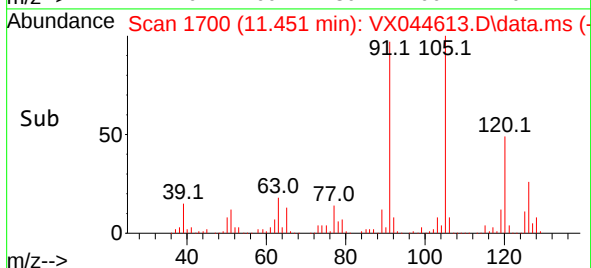
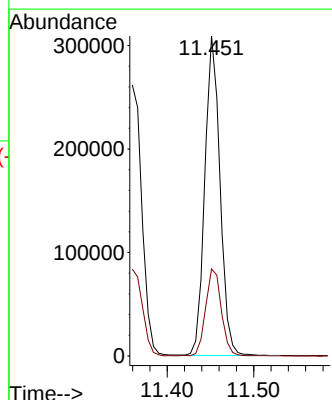
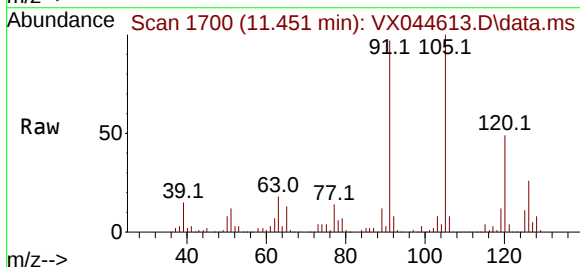
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

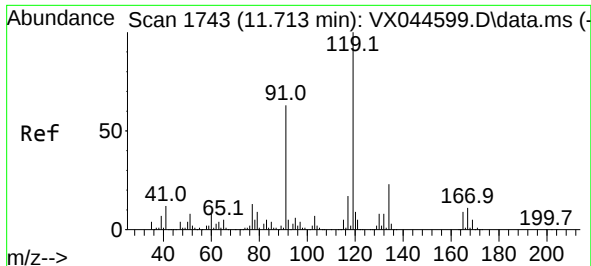
Tgt Ion: 75 Resp: 43198  
 Ion Ratio Lower Upper  
 75 100  
 53 118.4 92.7 139.1  
 89 47.0 38.3 57.5



#82  
 4-Chlorotoluene  
 Concen: 52.030 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. 0.000 min  
 Lab File: VX044613.D  
 Acq: 07 Jan 2025 19:37

Tgt Ion: 91 Resp: 376292  
 Ion Ratio Lower Upper  
 91 100  
 126 28.3 14.0 42.0

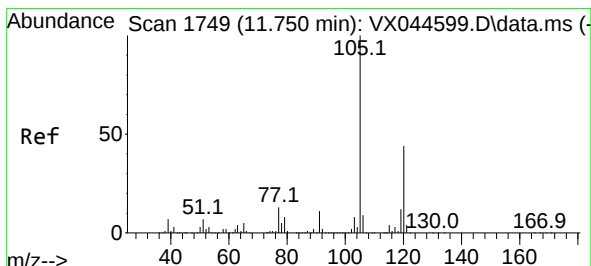
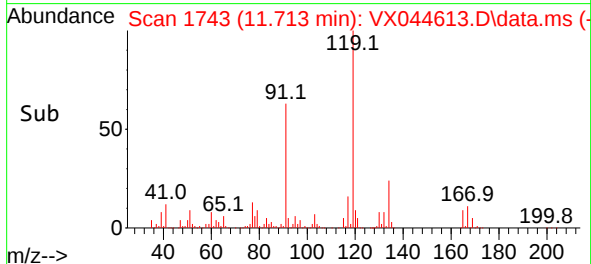
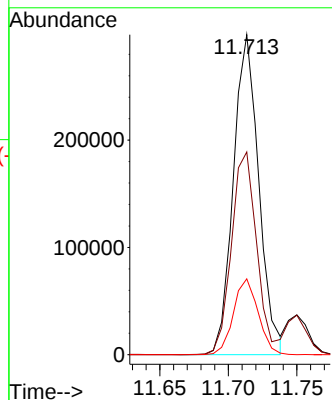
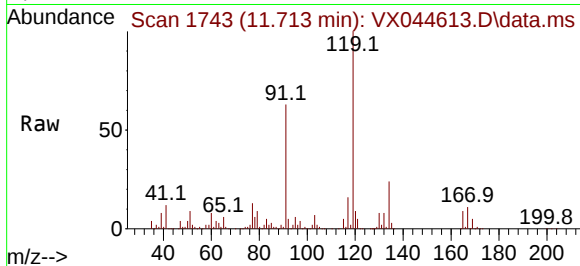




#83  
tert-Butylbenzene  
Concen: 53.037 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

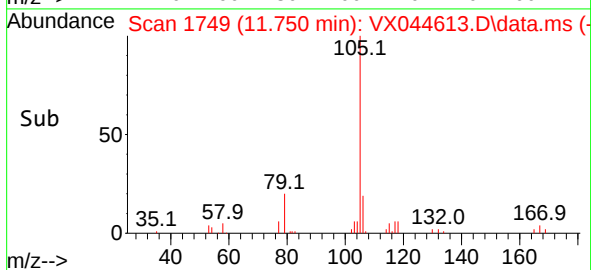
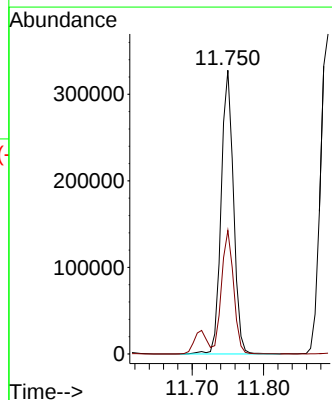
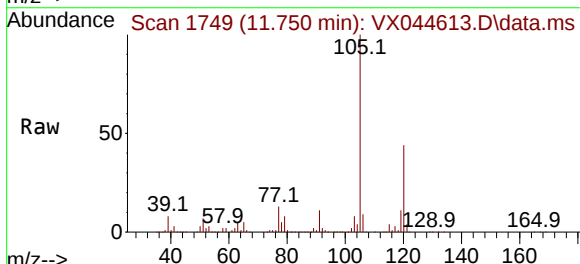
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

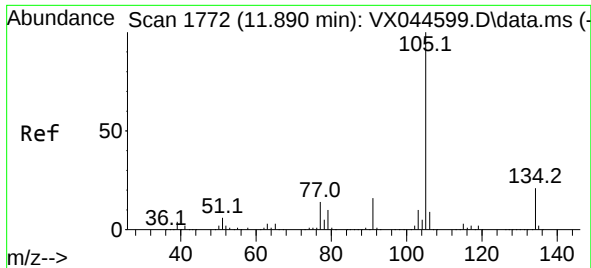
Tgt Ion:119 Resp: 385674  
Ion Ratio Lower Upper  
119 100  
91 62.1 30.9 92.8  
134 23.1 11.7 35.0



#84  
1,2,4-Trimethylbenzene  
Concen: 53.535 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion:105 Resp: 392732  
Ion Ratio Lower Upper  
105 100  
120 42.7 21.9 65.7

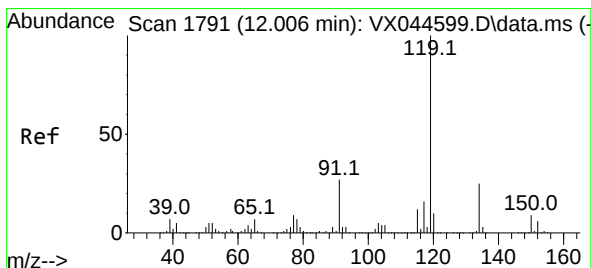
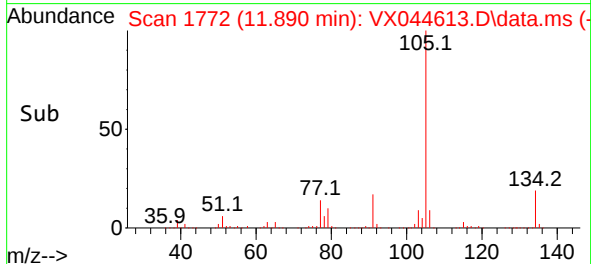
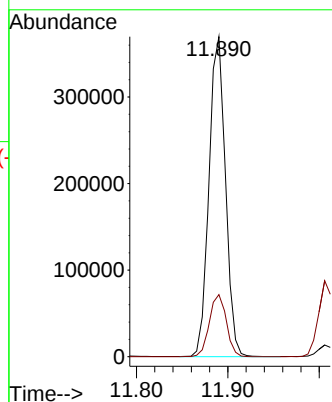
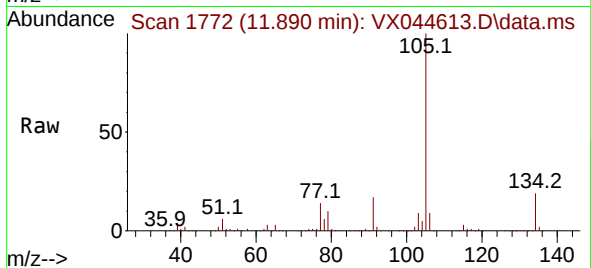




#85  
sec-Butylbenzene  
Concen: 52.250 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

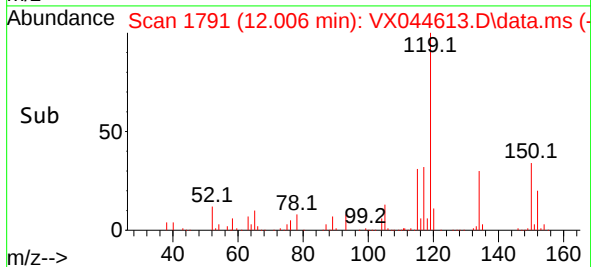
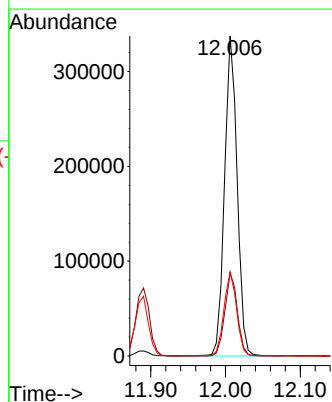
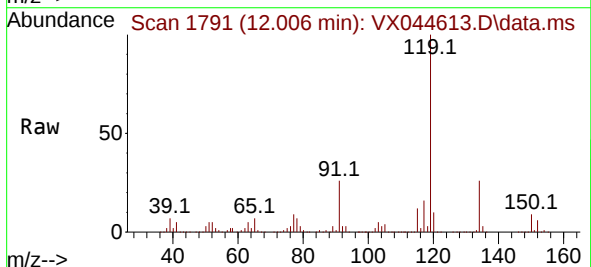
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

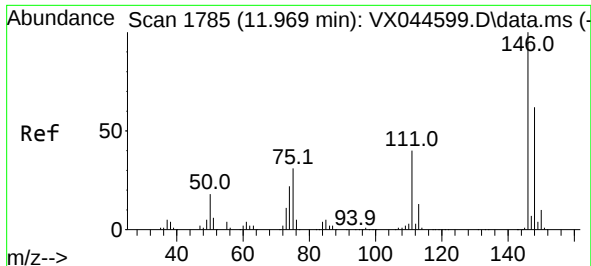
Tgt Ion:105 Resp: 462731  
Ion Ratio Lower Upper  
105 100  
134 20.0 9.9 29.7



#86  
p-Isopropyltoluene  
Concen: 53.119 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion:119 Resp: 394724  
Ion Ratio Lower Upper  
119 100  
134 25.7 12.6 37.8  
91 26.3 13.1 39.1





#87

1,3-Dichlorobenzene

Concen: 50.880 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

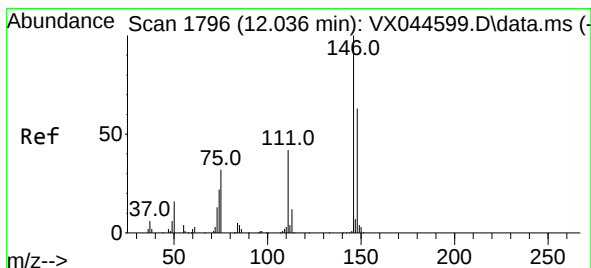
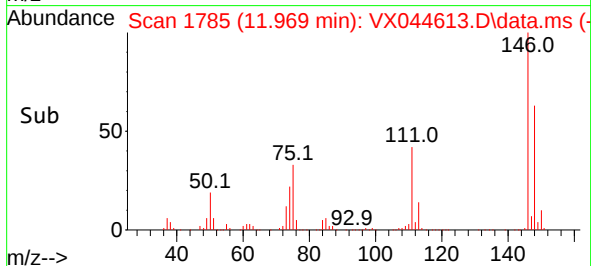
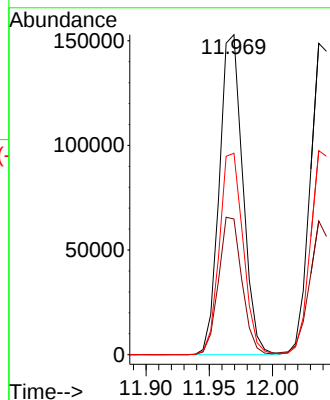
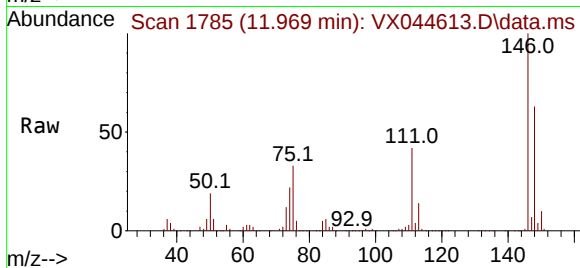
Tgt Ion:146 Resp: 196937

Ion Ratio Lower Upper

146 100

111 42.9 21.0 63.0

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.700 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

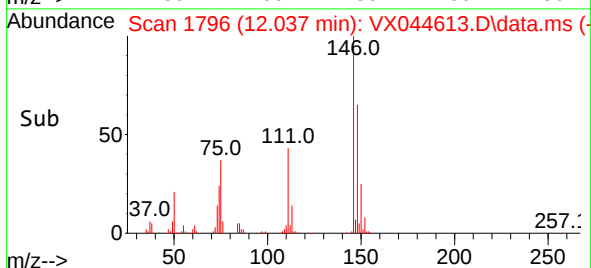
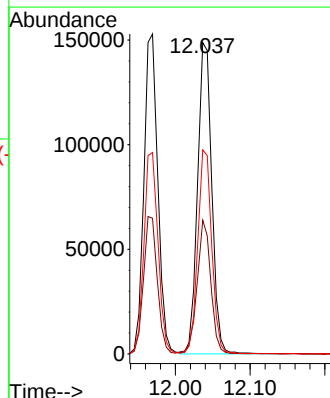
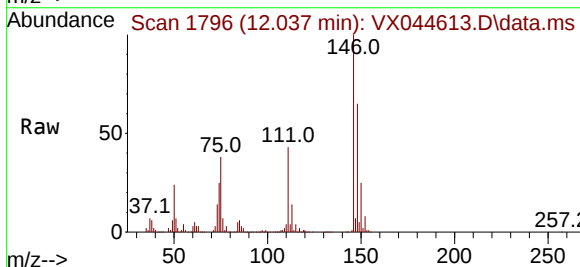
Tgt Ion:146 Resp: 196398

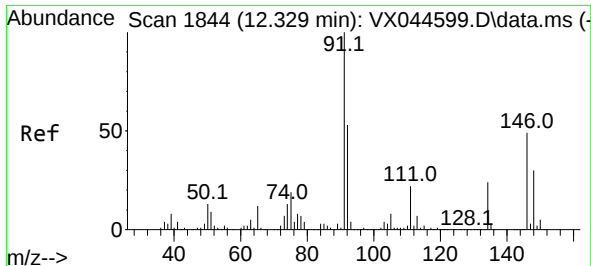
Ion Ratio Lower Upper

146 100

111 41.1 20.7 62.1

148 64.4 31.8 95.4

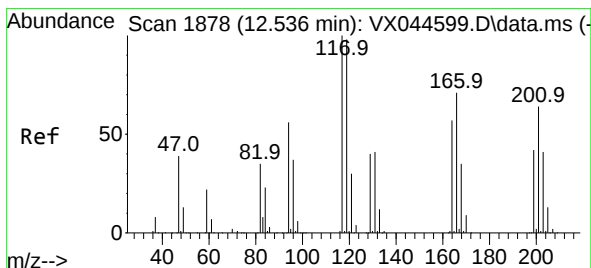
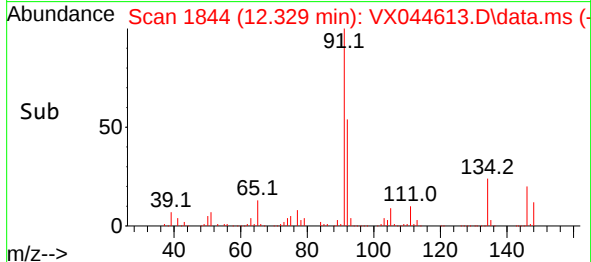
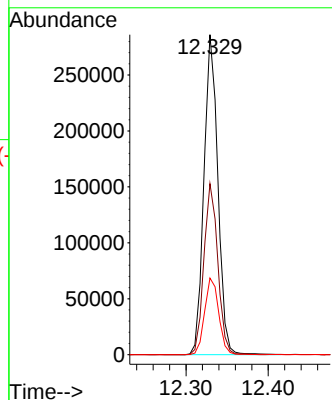
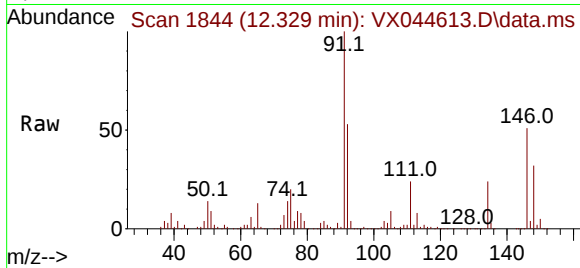




#89  
n-Butylbenzene  
Concen: 53.573 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

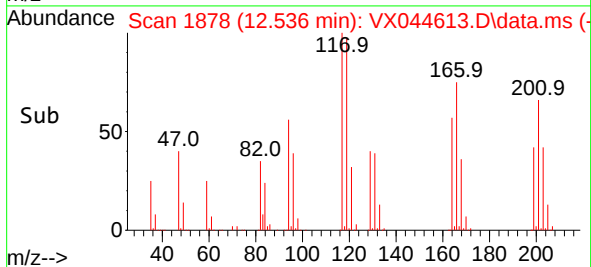
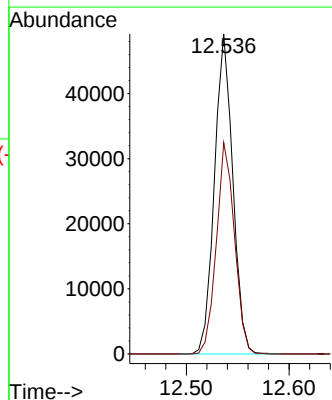
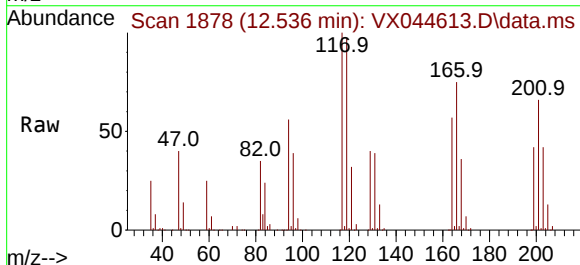
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

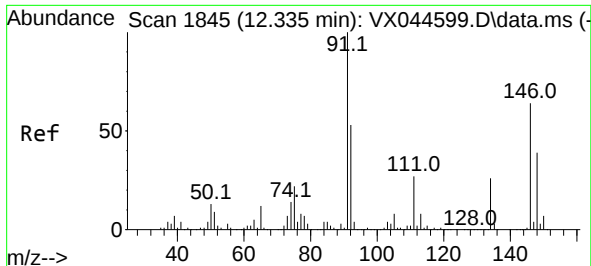
Tgt Ion: 91 Resp: 336155  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.5 79.4  
134 24.4 12.4 37.2



#90  
Hexachloroethane  
Concen: 51.076 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 117 Resp: 60971  
Ion Ratio Lower Upper  
117 100  
201 65.2 33.6 100.6

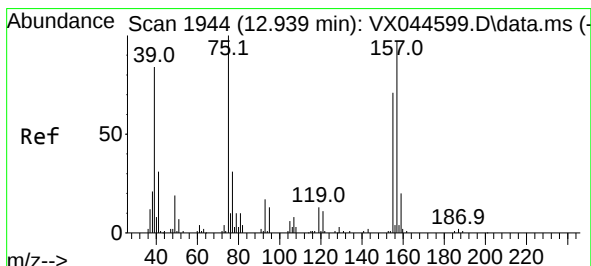
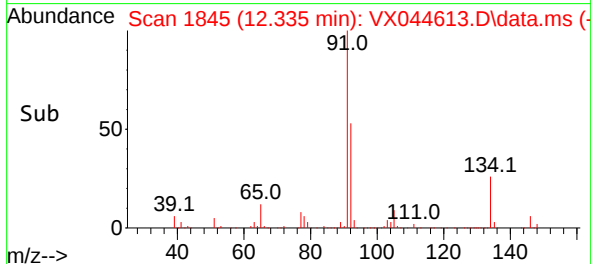
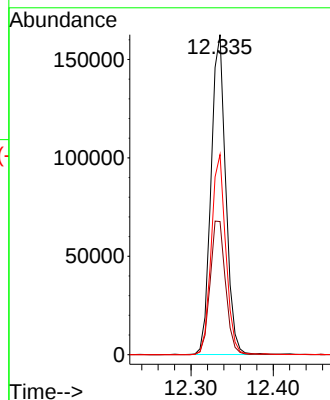
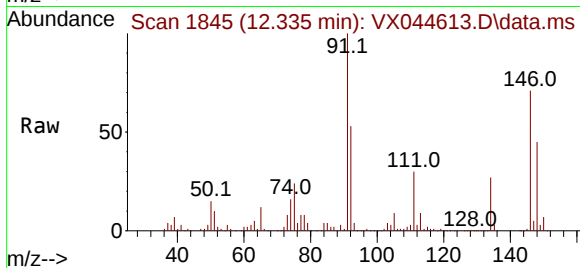




#91  
1,2-Dichlorobenzene  
Concen: 51.635 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

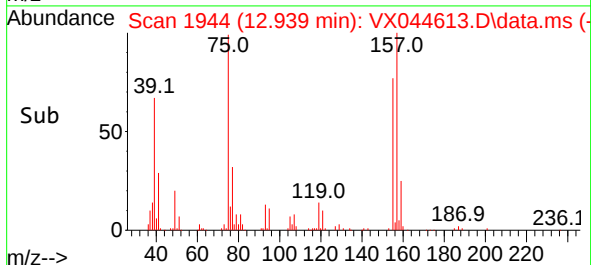
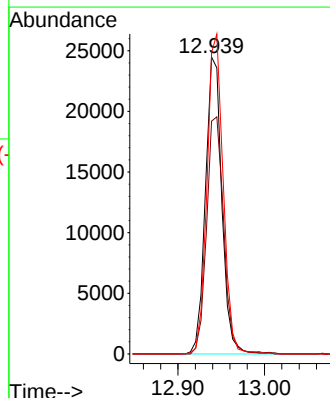
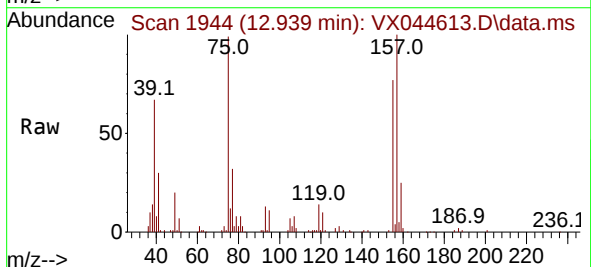
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

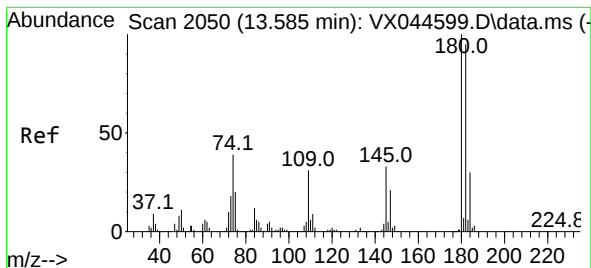
Tgt Ion:146 Resp: 201962  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.8 65.4  
148 62.0 31.1 93.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 59.698 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX044613.D  
Acq: 07 Jan 2025 19:37

Tgt Ion: 75 Resp: 32131  
Ion Ratio Lower Upper  
75 100  
155 83.6 37.4 112.1  
157 106.3 48.0 144.2





#93

1,2,4-Trichlorobenzene

Concen: 56.469 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

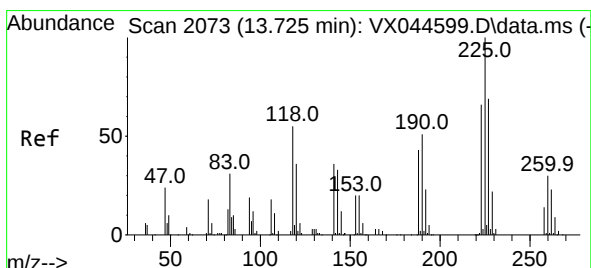
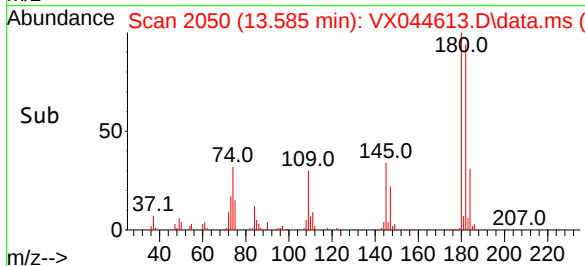
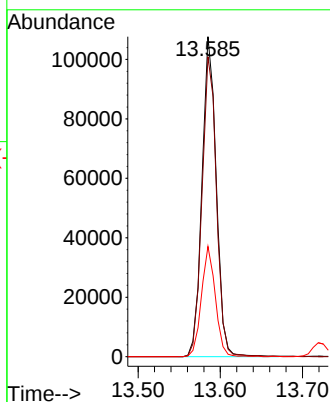
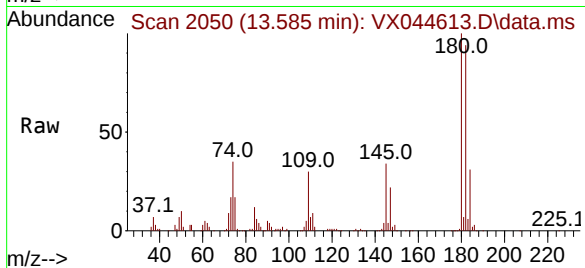
Tgt Ion:180 Resp: 129812

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 33.7 16.3 48.9



#94

Hexachlorobutadiene

Concen: 53.233 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

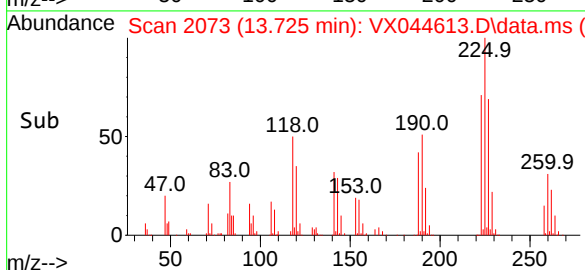
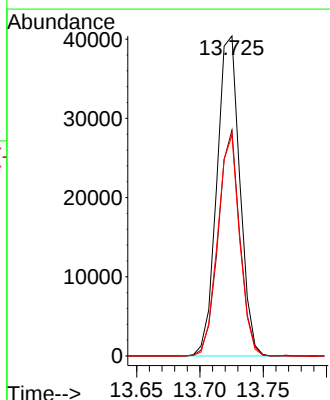
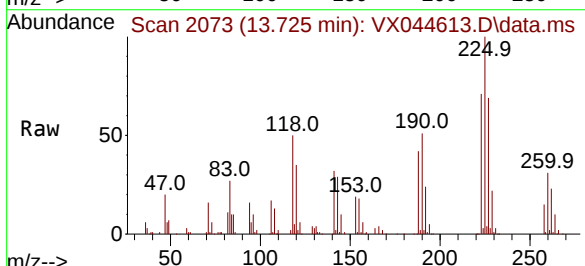
Tgt Ion:225 Resp: 50956

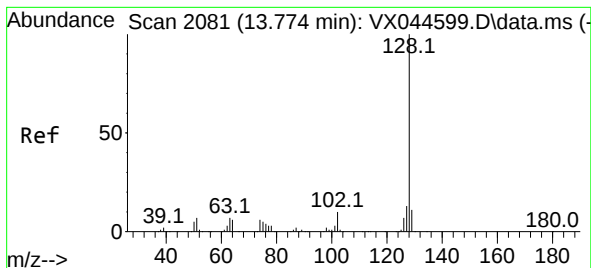
Ion Ratio Lower Upper

225 100

223 66.3 31.6 94.8

227 65.7 31.9 95.9





#95

Naphthalene

Concen: 60.764 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

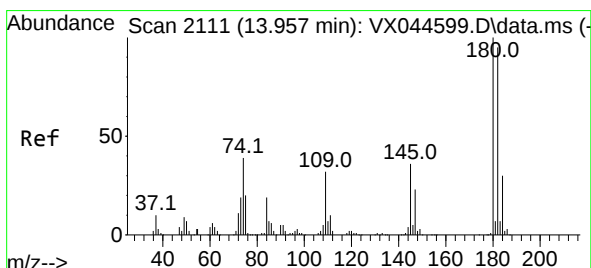
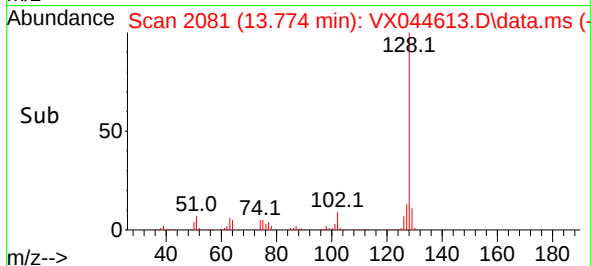
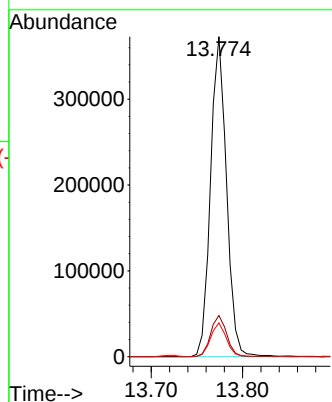
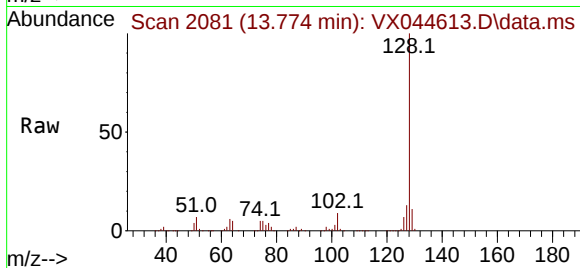
Tgt Ion:128 Resp: 450708

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 57.677 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044613.D

Acq: 07 Jan 2025 19:37

Tgt Ion:180 Resp: 135540

Ion Ratio Lower Upper

180 100

182 93.0 47.6 142.9

145 35.0 17.6 52.9

