

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022725\  
 Data File : VX045057.D  
 Acq On : 27 Feb 2025 10:07  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 28 00:39:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 105753   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 185667   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 162566   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 71634    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 79871    | 51.595   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 103.200% |      |
| 35) Dibromofluoromethane    | 5.373  | 113   | 63956    | 52.981   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 105.960% |      |
| 50) Toluene-d8              | 8.647  | 98    | 223313   | 48.922   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 97.840%  |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 78624    | 51.092   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 102.180% |      |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 72524  | 48.896  | ug/l | 98  |
| 3) Chloromethane             | 1.307 | 50  | 76188  | 42.204  | ug/l | 99  |
| 4) Vinyl Chloride            | 1.374 | 62  | 79162  | 45.265  | ug/l | 99  |
| 5) Bromomethane              | 1.593 | 94  | 30949  | 59.138  | ug/l | 100 |
| 6) Chloroethane              | 1.666 | 64  | 43848  | 70.598  | ug/l | 99  |
| 7) Trichlorofluoromethane    | 1.874 | 101 | 116626 | 52.732  | ug/l | 98  |
| 8) Diethyl Ether             | 2.130 | 74  | 41198  | 51.364  | ug/l | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 2.319 | 101 | 69018  | 51.650  | ug/l | 99  |
| 10) Methyl Iodide            | 2.441 | 142 | 78467  | 45.309  | ug/l | 97  |
| 11) Tert butyl alcohol       | 2.971 | 59  | 74465  | 259.292 | ug/l | 99  |
| 12) 1,1-Dichloroethene       | 2.307 | 96  | 64580  | 47.378  | ug/l | 98  |
| 13) Acrolein                 | 2.233 | 56  | 87486  | 295.258 | ug/l | 99  |
| 14) Allyl chloride           | 2.654 | 41  | 122681 | 49.801  | ug/l | 98  |
| 15) Acrylonitrile            | 3.062 | 53  | 220460 | 287.514 | ug/l | 97  |
| 16) Acetone                  | 2.380 | 43  | 186098 | 299.038 | ug/l | 94  |
| 17) Carbon Disulfide         | 2.502 | 76  | 152157 | 40.708  | ug/l | 100 |
| 18) Methyl Acetate           | 2.703 | 43  | 129058 | 65.718  | ug/l | 98  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 219785 | 50.678  | ug/l | 99  |
| 20) Methylene Chloride       | 2.782 | 84  | 74430  | 48.828  | ug/l | 99  |
| 21) trans-1,2-Dichloroethene | 3.081 | 96  | 64288  | 47.921  | ug/l | 95  |
| 22) Diisopropyl ether        | 3.757 | 45  | 247311 | 53.065  | ug/l | 98  |
| 23) Vinyl Acetate            | 3.715 | 43  | 998601 | 262.825 | ug/l | 98  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 132419 | 50.780  | ug/l | 99  |
| 25) 2-Butanone               | 4.556 | 43  | 310087 | 306.853 | ug/l | 96  |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 97118  | 46.962  | ug/l | 98  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 80994  | 50.262  | ug/l | 99  |
| 28) Bromochloromethane       | 4.891 | 49  | 60987  | 48.665  | ug/l | 100 |
| 29) Tetrahydrofuran          | 5.001 | 42  | 200325 | 298.538 | ug/l | 97  |
| 30) Chloroform               | 5.087 | 83  | 131808 | 52.120  | ug/l | 99  |
| 31) Cyclohexane              | 5.458 | 56  | 110840 | 46.105  | ug/l | 97  |
| 32) 1,1,1-Trichloroethane    | 5.373 | 97  | 108523 | 50.592  | ug/l | 97  |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 87448  | 50.212  | ug/l | 100 |
| 37) Ethyl Acetate            | 4.709 | 43  | 111252 | 57.431  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 5.666 | 117 | 93320  | 54.680  | ug/l | 97  |
| 39) Methylcyclohexane        | 7.373 | 83  | 113655 | 50.478  | ug/l | 96  |
| 40) Benzene                  | 6.031 | 78  | 278703 | 51.249  | ug/l | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022725\  
 Data File : VX045057.D  
 Acq On : 27 Feb 2025 10:07  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050

Quant Time: Feb 28 00:39:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 65520    | 63.190   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 99993    | 57.692   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 179465   | 57.370   | ug/l   | 98       |
| 44) Trichloroethene           | 7.117  | 130  | 64968    | 52.265   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.421  | 63   | 71253    | 52.665   | ug/l   | 100      |
| 46) Dibromomethane            | 7.574  | 93   | 51622    | 55.018   | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 103376   | 56.901   | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.690  | 41   | 86161    | 58.415   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 35100    | 1109.165 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.568  | 43   | 603169   | 317.164  | ug/l   | 97       |
| 52) Toluene                   | 8.714  | 92   | 169466   | 52.324   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 95766    | 52.090   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 107653   | 52.518   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 68840    | 55.292   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 110378   | 54.891   | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 119524   | 54.868   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 280428   | 284.022  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 436192   | 318.334  | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.519  | 129  | 77191    | 57.973   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 68638    | 54.393   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.269  | 164  | 53775    | 52.452   | ug/l   | 97       |
| 65) Chlorobenzene             | 10.073 | 112  | 183094   | 52.437   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 62299    | 55.433   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 325118   | 52.764   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 240226   | 105.689  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 117575   | 51.552   | ug/l   | 98       |
| 70) Styrene                   | 10.653 | 104  | 198609   | 54.051   | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 50380    | 60.067   | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.957 | 105  | 308870   | 53.550   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 142840   | 54.727   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 105253   | 53.104   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 112443   | 70.798   | ug/l   | 82       |
| 77) Bromobenzene              | 11.195 | 156  | 70753    | 54.106   | ug/l   | 96       |
| 78) n-propylbenzene           | 11.299 | 91   | 362711   | 54.482   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 214205   | 52.352   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 253331   | 54.123   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 30604    | 49.568   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 240764   | 53.187   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 255849   | 54.032   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 250456   | 54.214   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 322869   | 55.065   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 260334   | 55.211   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 127082   | 52.846   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 125636   | 51.673   | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.329 | 91   | 236227   | 56.628   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 47073    | 53.316   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 124539   | 52.695   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 21560    | 59.601   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 77779    | 54.387   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 32243    | 56.793   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 284522   | 55.037   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 78551    | 54.510   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022725\  
Data File : VX045057.D  
Acq On : 27 Feb 2025 10:07  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

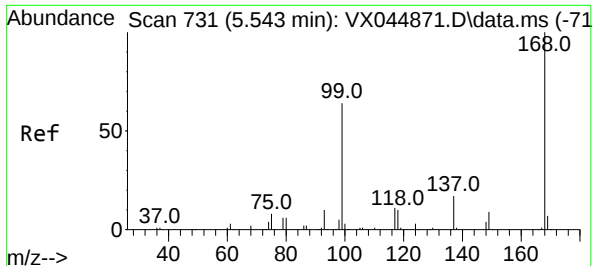
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Feb 28 00:39:34 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
Response via : Initial Calibration

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

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

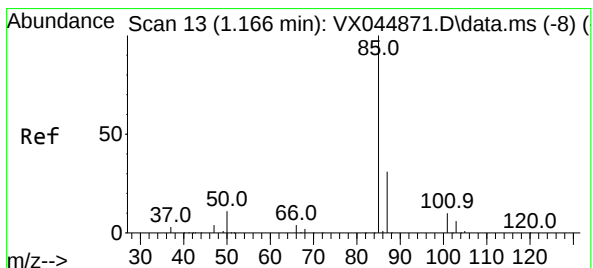
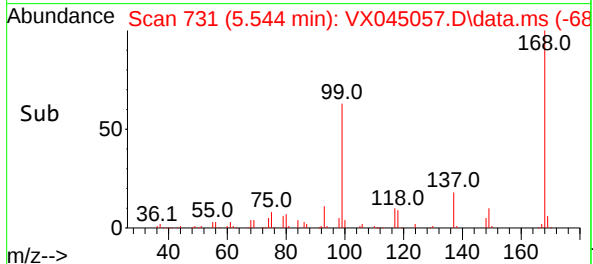
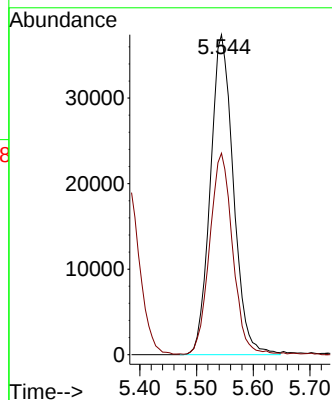
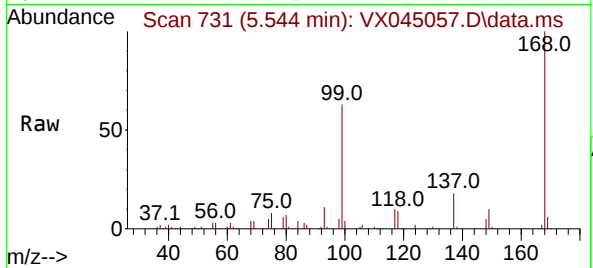




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

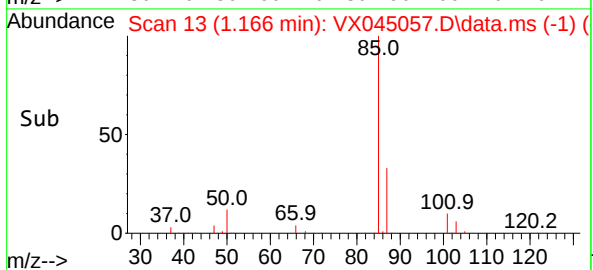
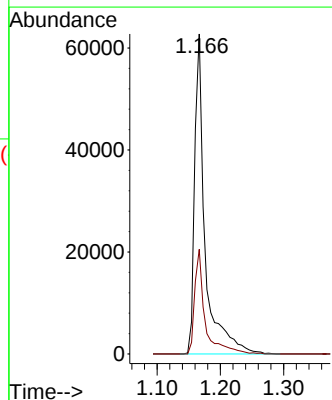
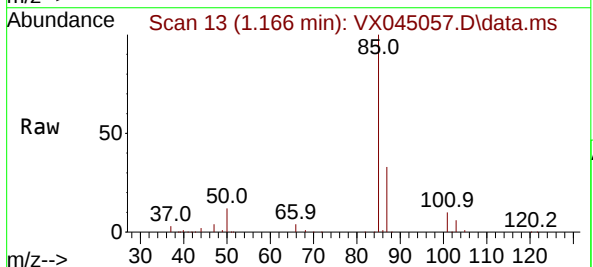
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050

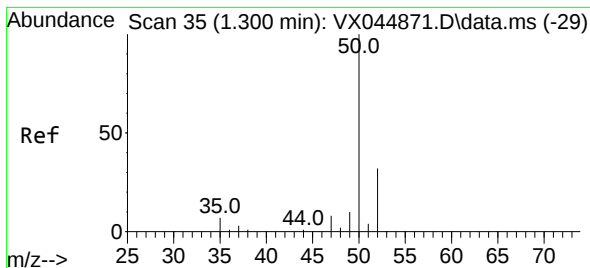
Tgt Ion:168 Resp: 105753  
Ion Ratio Lower Upper  
168 100  
99 62.7 51.2 76.8



#2  
Dichlorodifluoromethane  
Concen: 48.896 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 85 Resp: 72524  
Ion Ratio Lower Upper  
85 100  
87 32.7 15.8 47.3





#3

Chloromethane

Concen: 42.204 ug/l

RT: 1.307 min Scan# 3

Delta R.T. 0.006 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

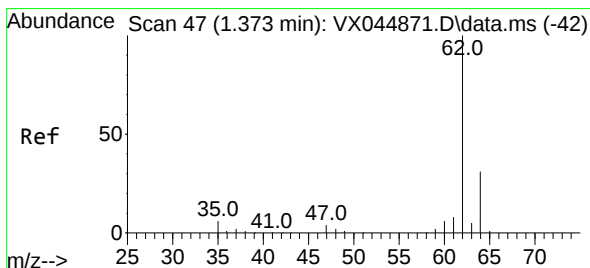
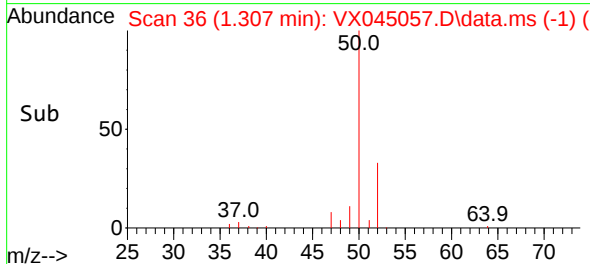
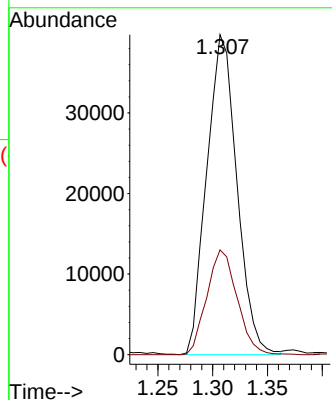
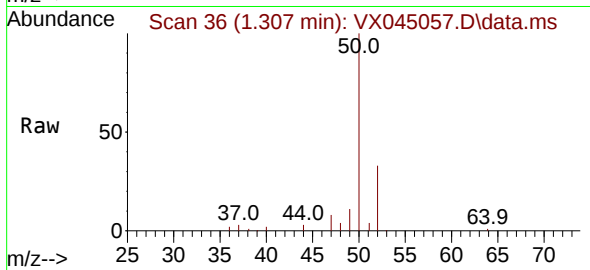
VSTDCCC050

Tgt Ion: 50 Resp: 76188

Ion Ratio Lower Upper

50 100

52 32.7 25.9 38.9



#4

Vinyl Chloride

Concen: 45.265 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX045057.D

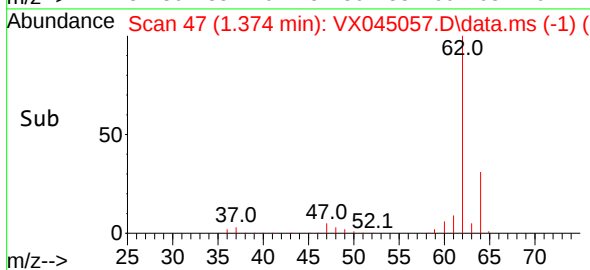
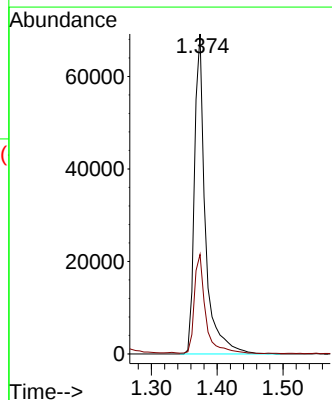
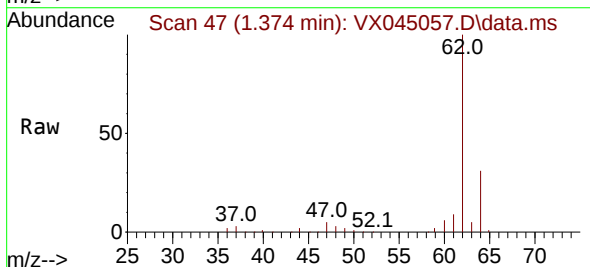
Acq: 27 Feb 2025 10:07

Tgt Ion: 62 Resp: 79162

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.0

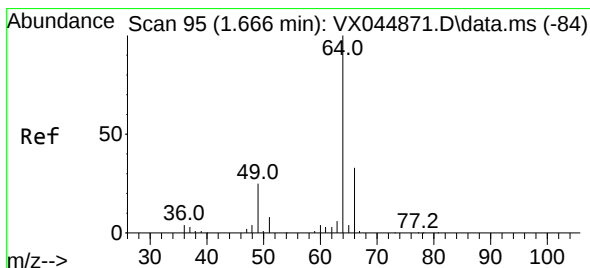
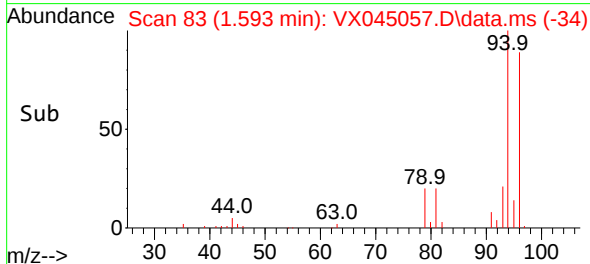
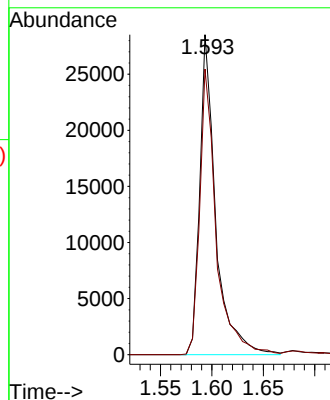
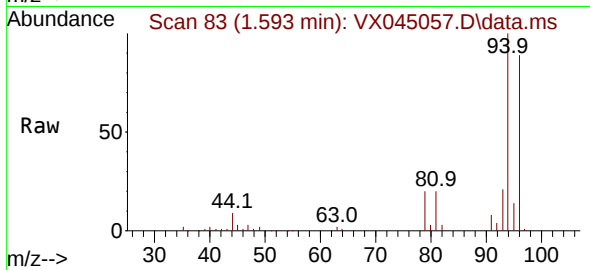




#5  
Bromomethane  
Concen: 59.138 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

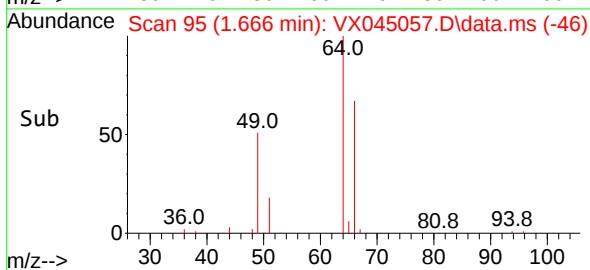
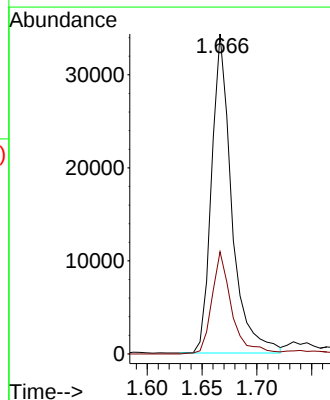
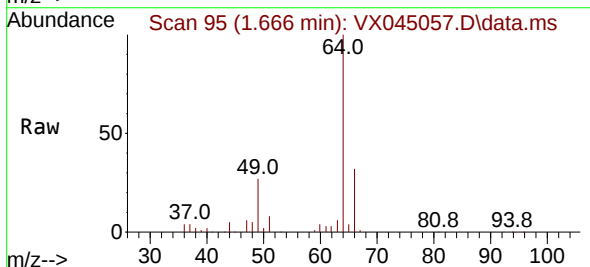
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 94 Resp: 30949  
Ion Ratio Lower Upper  
94 100  
96 89.3 71.6 107.4



#6  
Chloroethane  
Concen: 70.598 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 64 Resp: 43848  
Ion Ratio Lower Upper  
64 100  
66 32.1 25.9 38.9

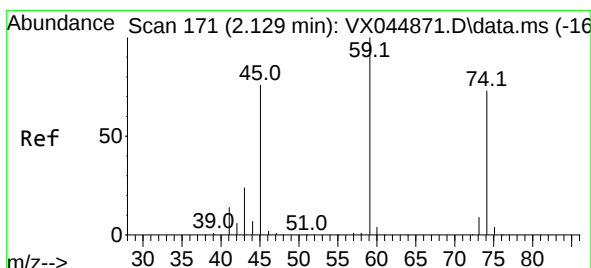
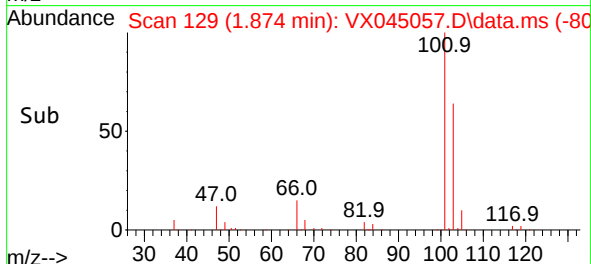
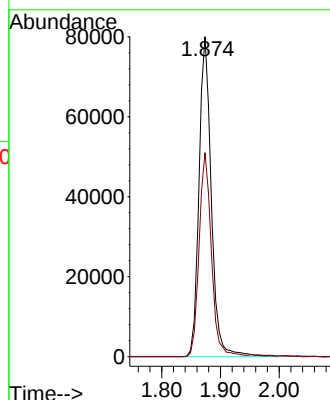
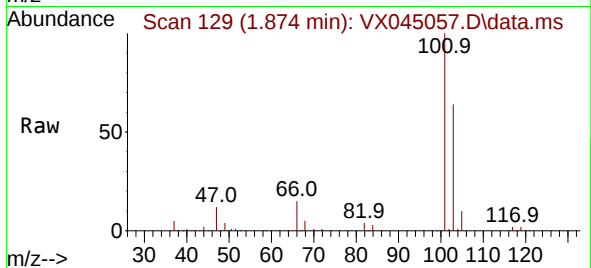




#7  
 Trichlorofluoromethane  
 Concen: 52.732 ug/l  
 RT: 1.874 min Scan# 11  
 Delta R.T. 0.001 min  
 Lab File: VX045057.D  
 Acq: 27 Feb 2025 10:07

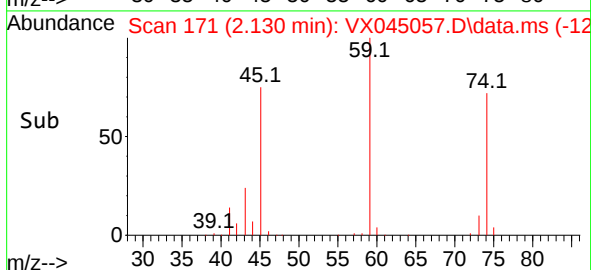
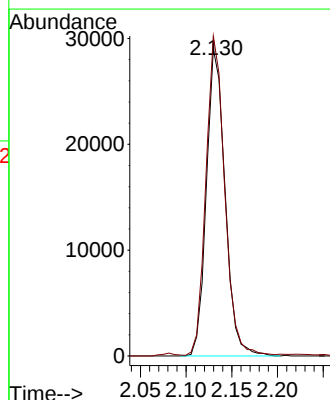
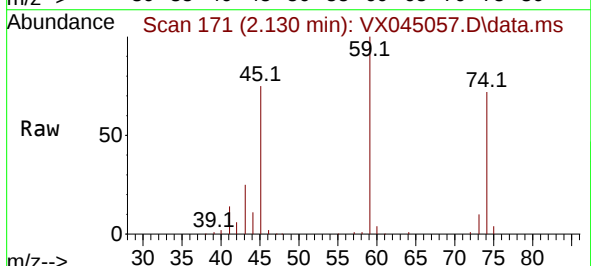
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

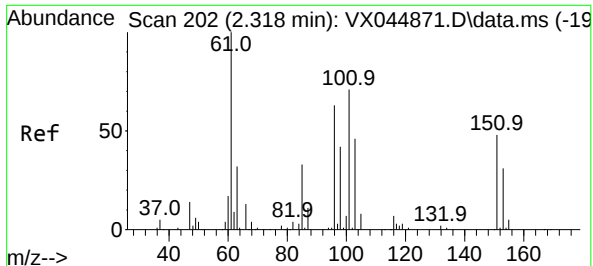
Tgt Ion:101 Resp: 116626  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 52.4 78.6



#8  
 Diethyl Ether  
 Concen: 51.364 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. 0.001 min  
 Lab File: VX045057.D  
 Acq: 27 Feb 2025 10:07

Tgt Ion: 74 Resp: 41198  
 Ion Ratio Lower Upper  
 74 100  
 45 104.0 51.1 153.4

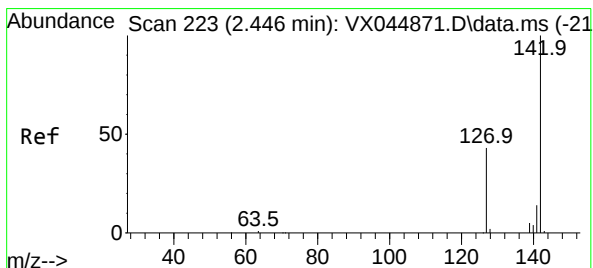
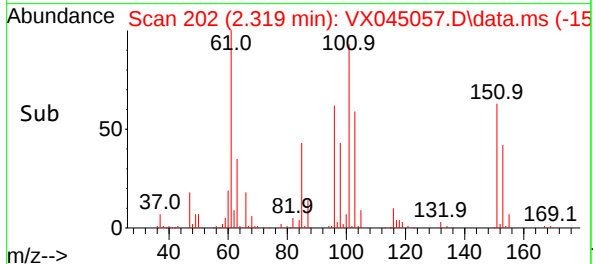
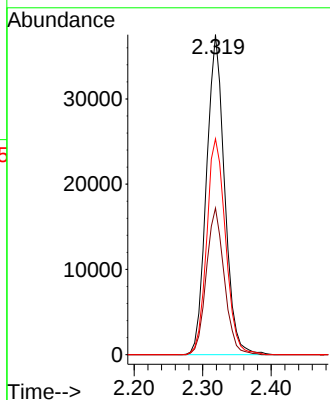
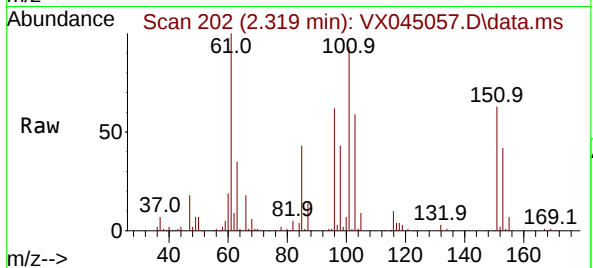




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.650 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

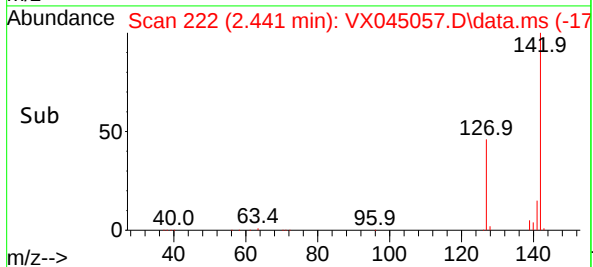
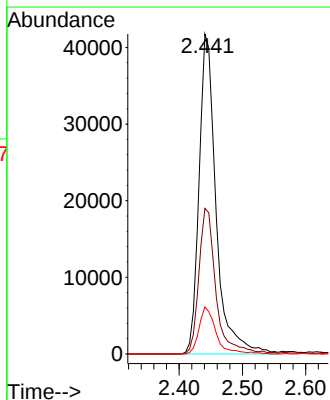
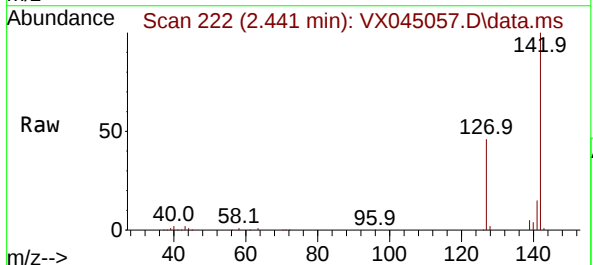
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

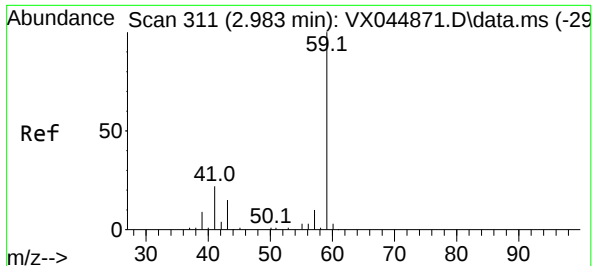
Tgt Ion:101 Resp: 69018  
Ion Ratio Lower Upper  
101 100  
85 45.5 35.7 53.5  
151 70.3 56.0 84.0



#10  
Methyl Iodide  
Concen: 45.309 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.006 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion:142 Resp: 78467  
Ion Ratio Lower Upper  
142 100  
127 45.6 34.3 51.5  
141 14.7 11.4 17.2

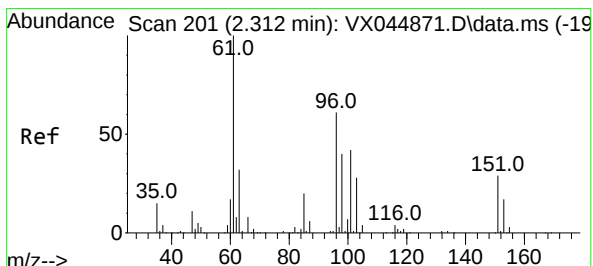
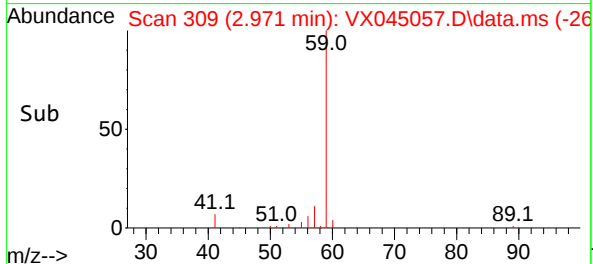
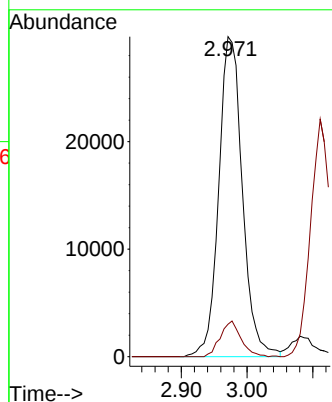
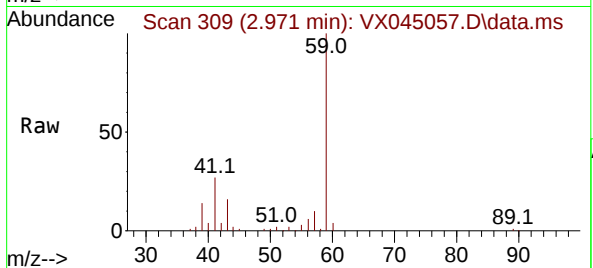




#11  
Tert butyl alcohol  
Concen: 259.292 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. -0.012 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

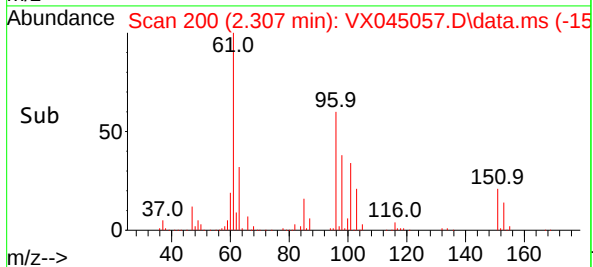
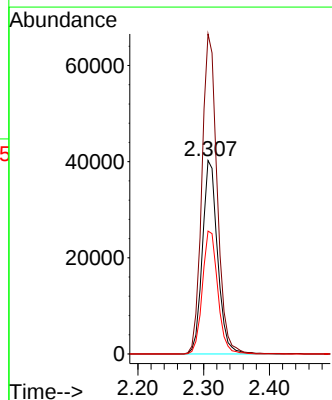
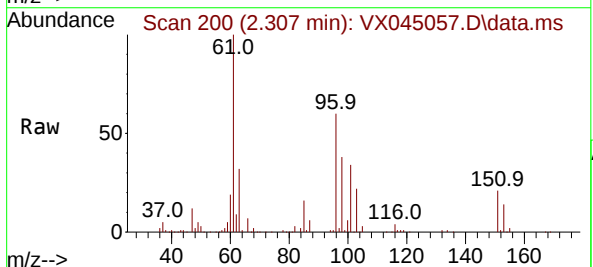
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

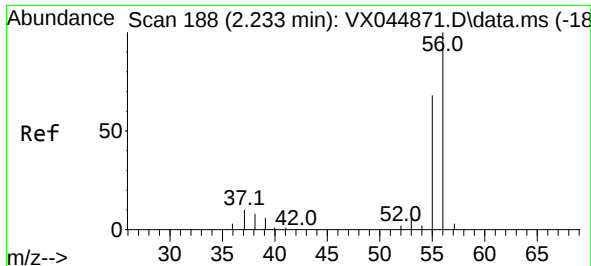
Tgt Ion: 59 Resp: 74465  
Ion Ratio Lower Upper  
59 100  
57 9.9 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 47.378 ug/l  
RT: 2.307 min Scan# 200  
Delta R.T. -0.006 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 96 Resp: 64580  
Ion Ratio Lower Upper  
96 100  
61 165.4 130.2 195.4  
98 63.5 52.2 78.4

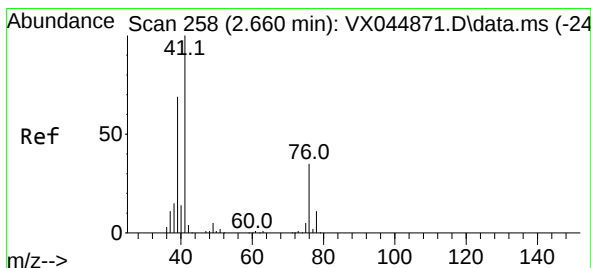
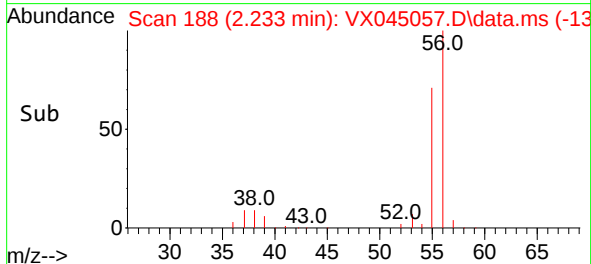
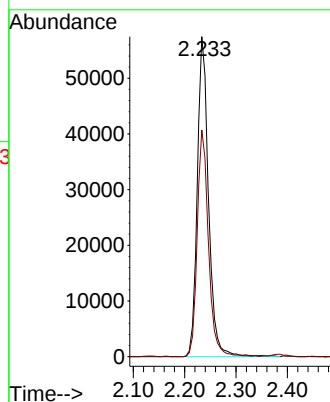
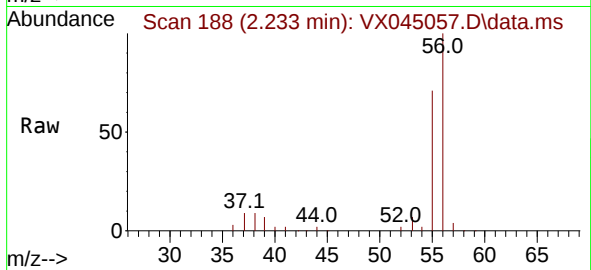




#13  
Acrolein  
Concen: 295.258 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

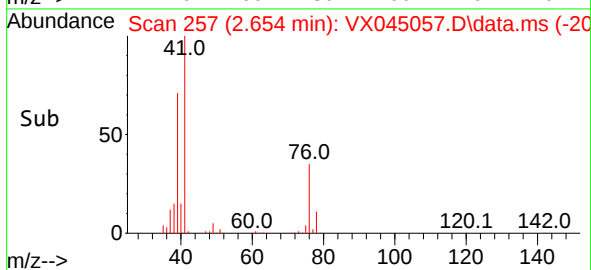
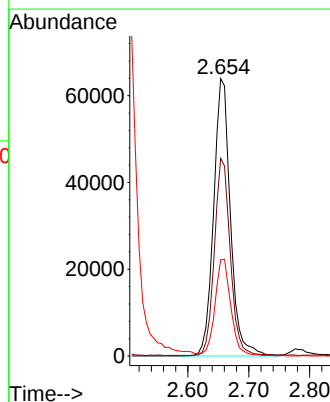
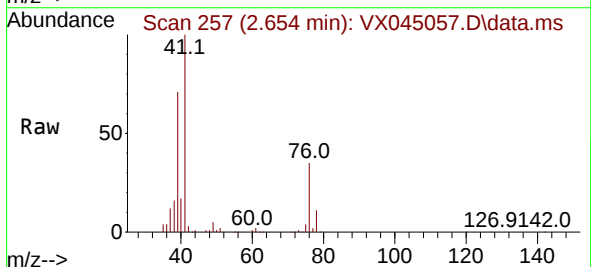
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

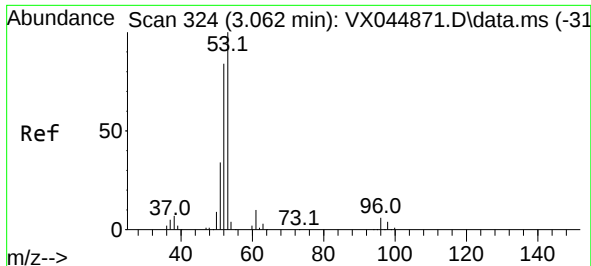
Tgt Ion: 56 Resp: 87486  
Ion Ratio Lower Upper  
56 100  
55 70.8 55.7 83.5



#14  
Allyl chloride  
Concen: 49.801 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.006 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 41 Resp: 122681  
Ion Ratio Lower Upper  
41 100  
39 66.8 51.4 77.2  
76 33.1 27.0 40.4

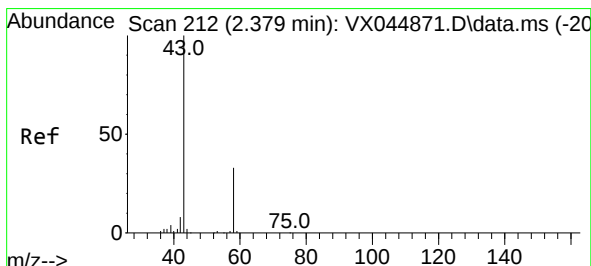
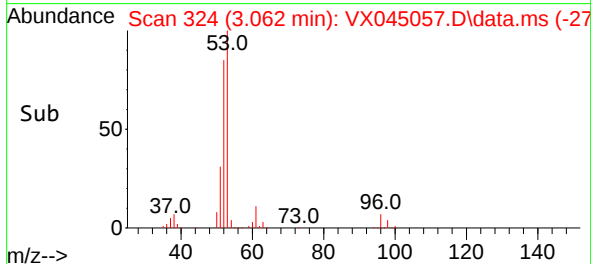
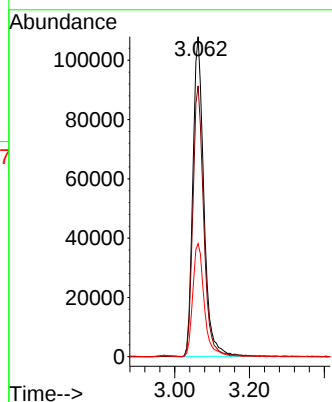
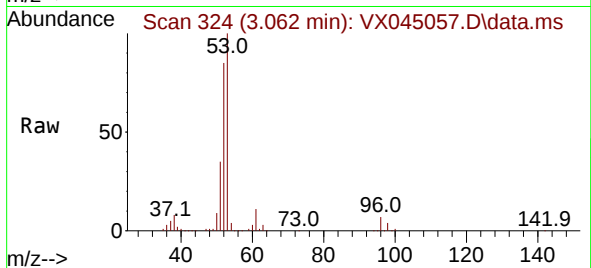




#15  
Acrylonitrile  
Concen: 287.514 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

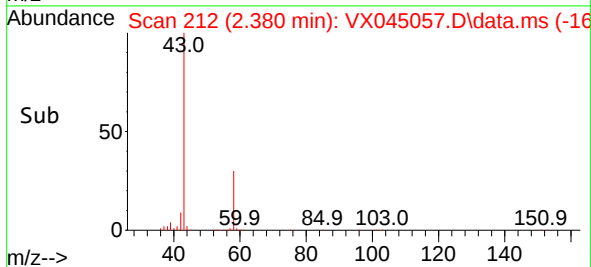
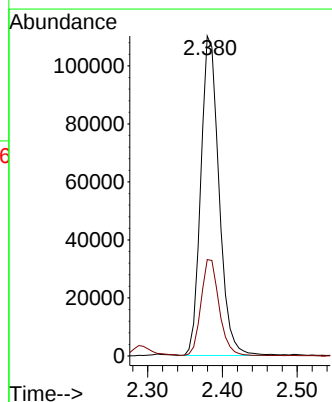
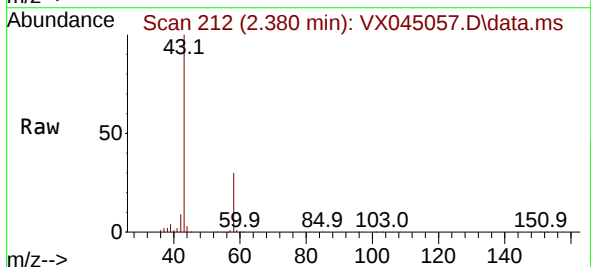
Instrument :  
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ClientSampleId :  
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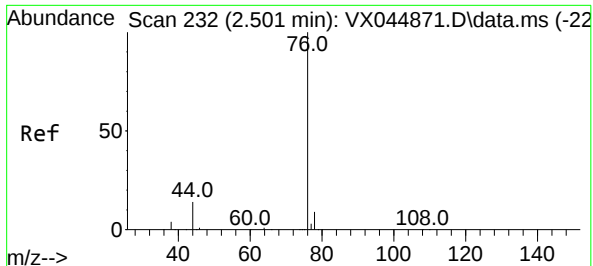
Tgt Ion: 53 Resp: 220460  
Ion Ratio Lower Upper  
53 100  
52 83.9 65.0 97.6  
51 37.0 28.0 42.0



#16  
Acetone  
Concen: 299.038 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 43 Resp: 186098  
Ion Ratio Lower Upper  
43 100  
58 30.0 26.5 39.7

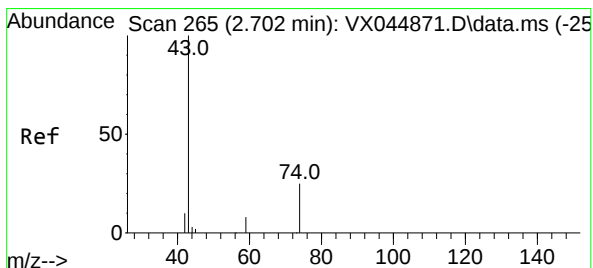
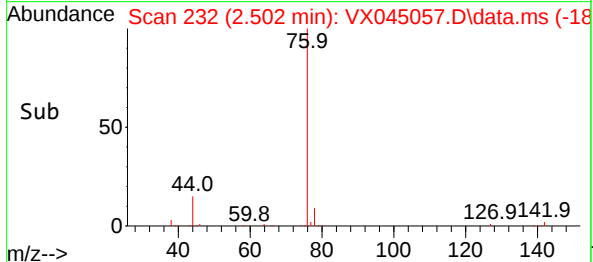
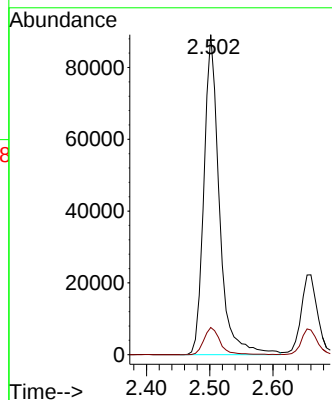
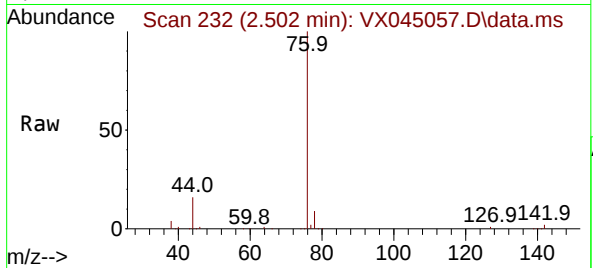




#17  
Carbon Disulfide  
Concen: 40.708 ug/l  
RT: 2.502 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

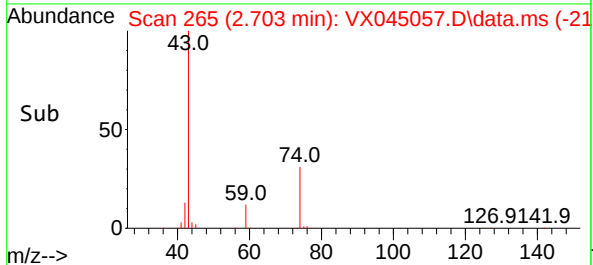
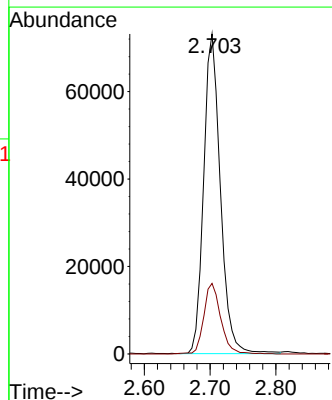
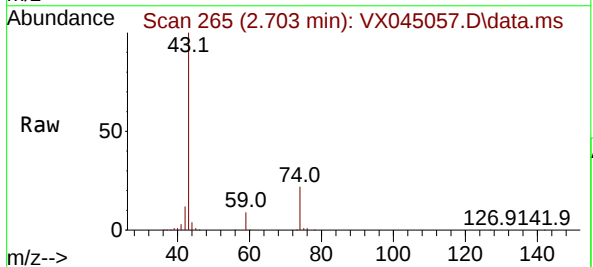
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

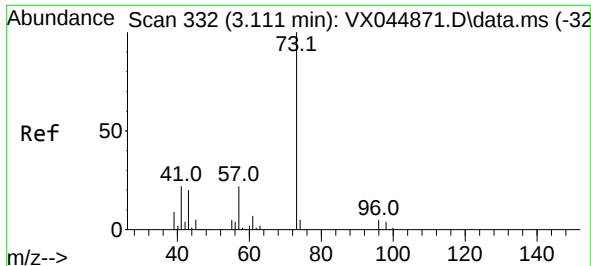
Tgt Ion: 76 Resp: 152157  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.0 10.4



#18  
Methyl Acetate  
Concen: 65.718 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 43 Resp: 129058  
Ion Ratio Lower Upper  
43 100  
74 22.5 18.9 28.3

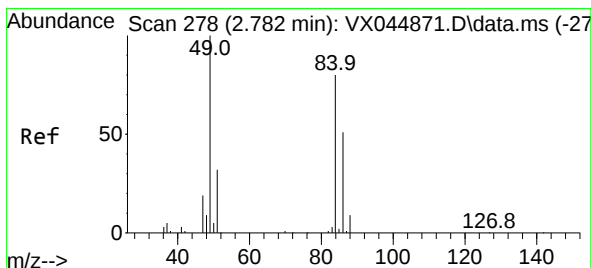
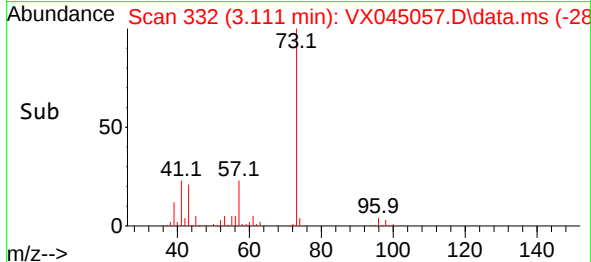
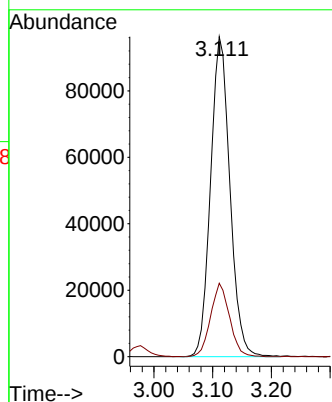
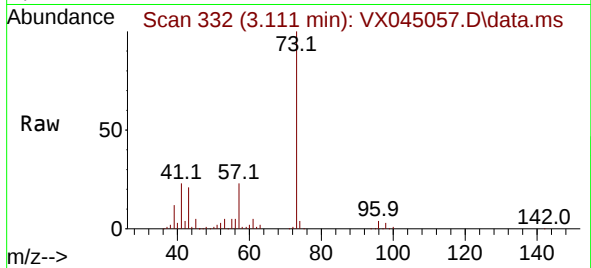




#19  
Methyl tert-butyl Ether  
Concen: 50.678 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

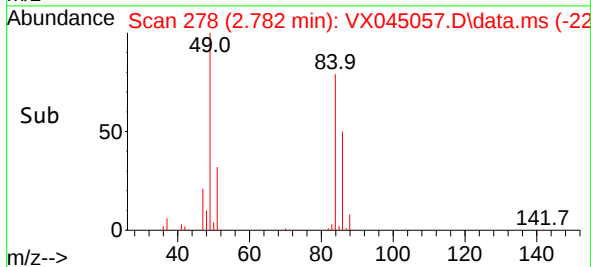
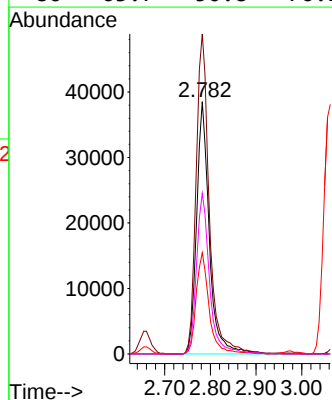
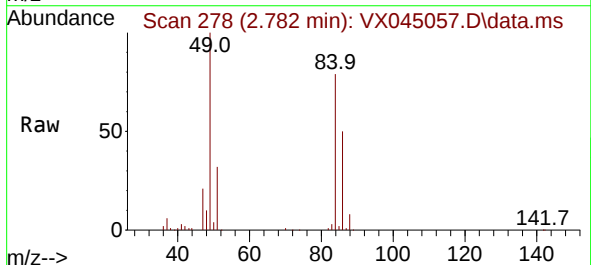
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ClientSampleId :  
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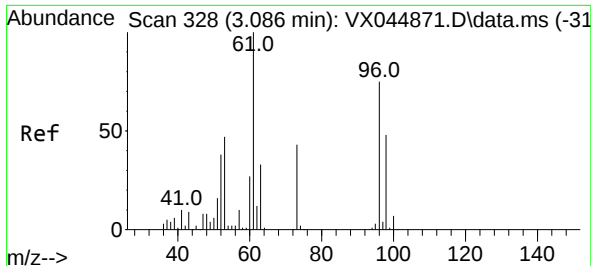
Tgt Ion: 73 Resp: 219785  
Ion Ratio Lower Upper  
73 100  
57 23.0 17.9 26.9



#20  
Methylene Chloride  
Concen: 48.828 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 84 Resp: 74430  
Ion Ratio Lower Upper  
84 100  
49 126.8 100.1 150.1  
51 40.1 31.7 47.5  
86 63.7 50.8 76.2

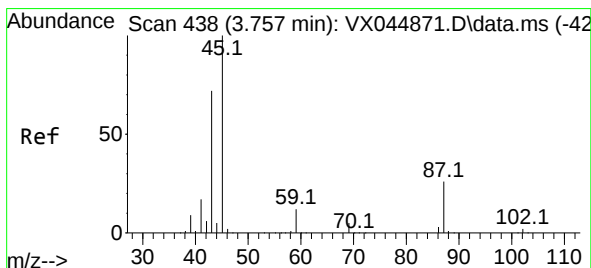
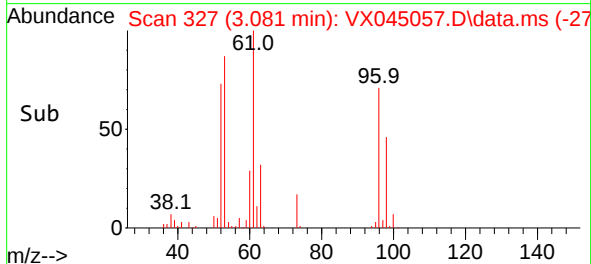
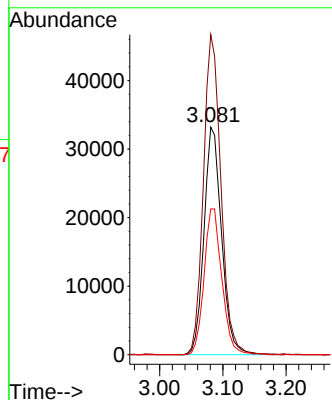
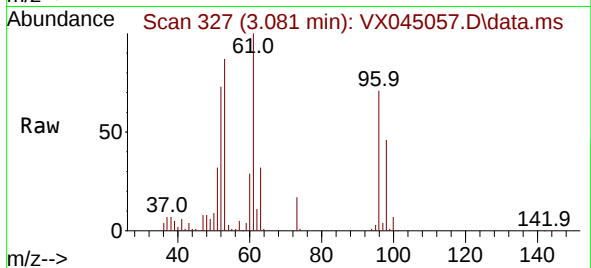




#21  
trans-1,2-Dichloroethene  
Concen: 47.921 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

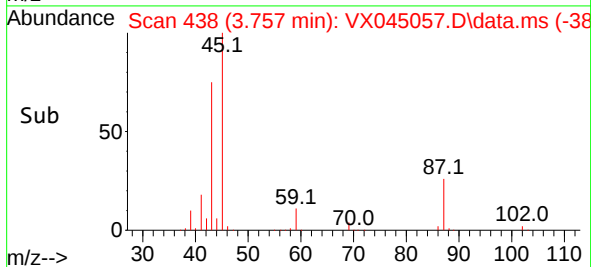
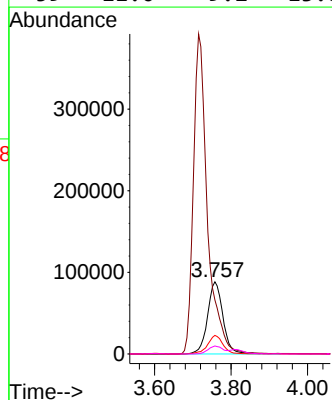
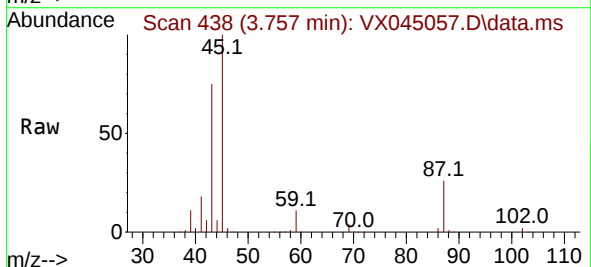
Instrument :  
MSVOA\_X  
ClientSampleId :  
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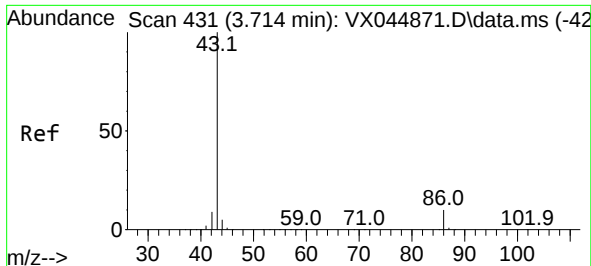
Tgt Ion: 96 Resp: 64288  
Ion Ratio Lower Upper  
96 100  
61 140.6 106.0 159.0  
98 64.1 50.6 76.0



#22  
Diisopropyl ether  
Concen: 53.065 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 45 Resp: 247311  
Ion Ratio Lower Upper  
45 100  
43 74.5 58.0 87.0  
87 25.8 20.7 31.1  
59 11.0 9.2 13.8

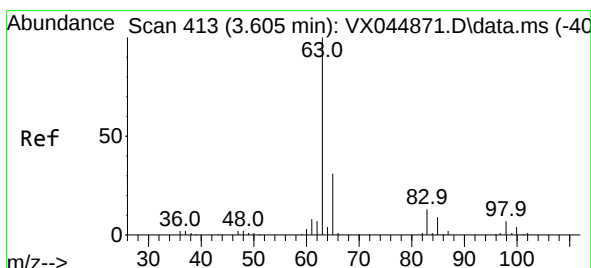
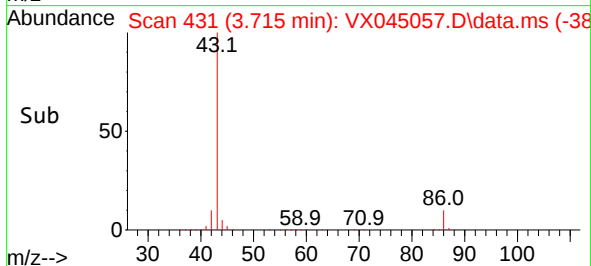
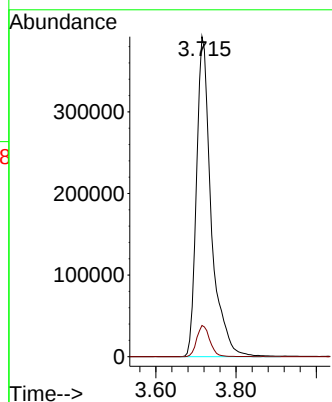
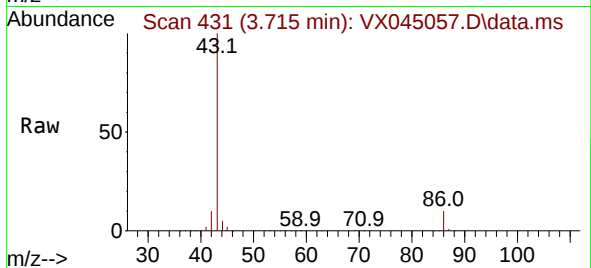




#23  
 Vinyl Acetate  
 Concen: 262.825 ug/l  
 RT: 3.715 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX045057.D  
 Acq: 27 Feb 2025 10:07

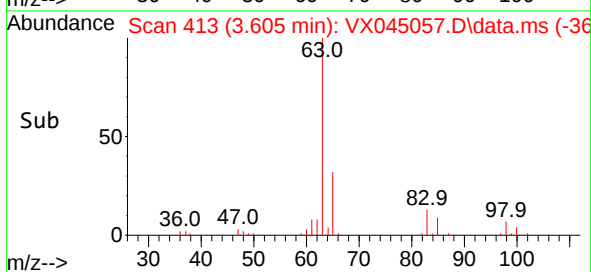
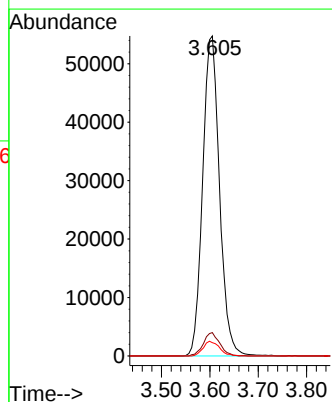
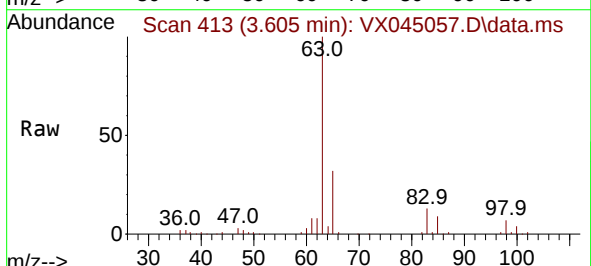
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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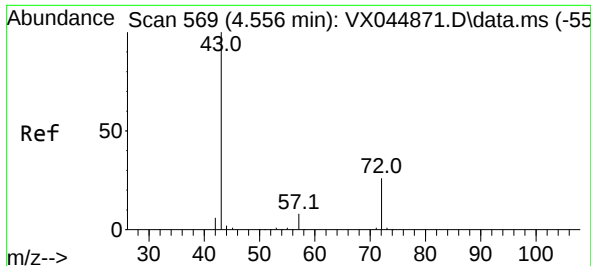
Tgt Ion: 43 Resp: 998601  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 8.3 12.5



#24  
 1,1-Dichloroethane  
 Concen: 50.780 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX045057.D  
 Acq: 27 Feb 2025 10:07

Tgt Ion: 63 Resp: 132419  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.3 9.9  
 100 4.2 2.1 6.5

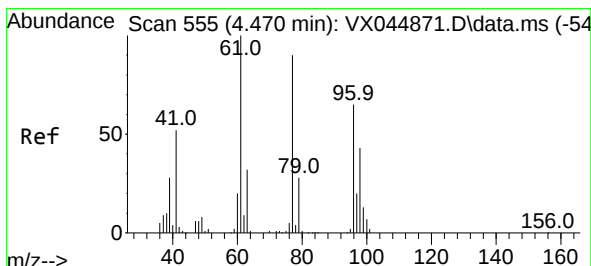
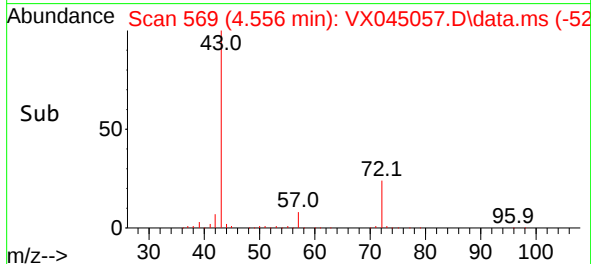
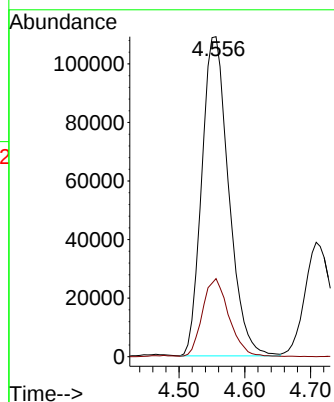
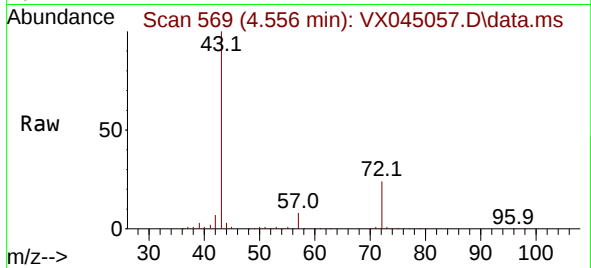




#25  
2-Butanone  
Concen: 306.853 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

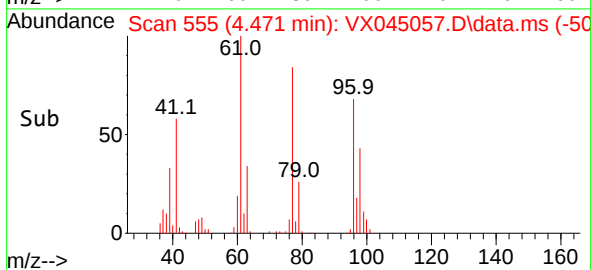
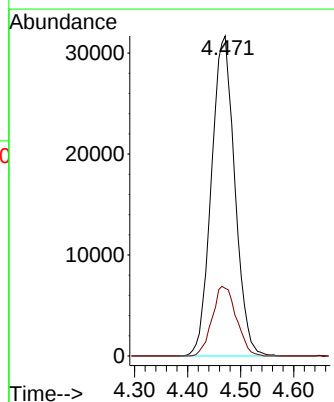
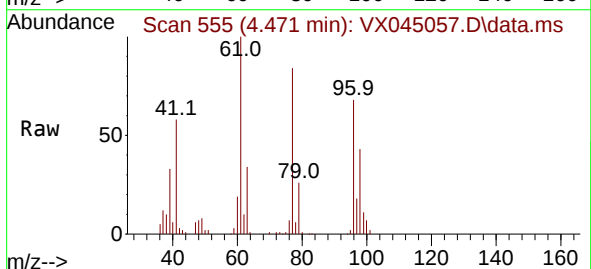
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 310087  
Ion Ratio Lower Upper  
43 100  
72 24.3 21.2 31.8



#26  
2,2-Dichloropropane  
Concen: 46.962 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 77 Resp: 97118  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.262 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

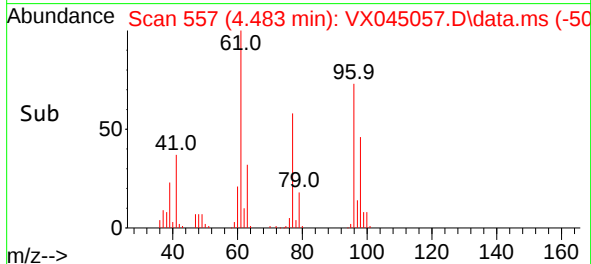
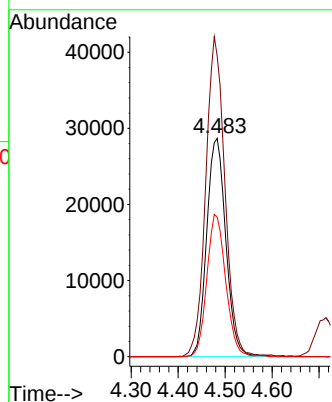
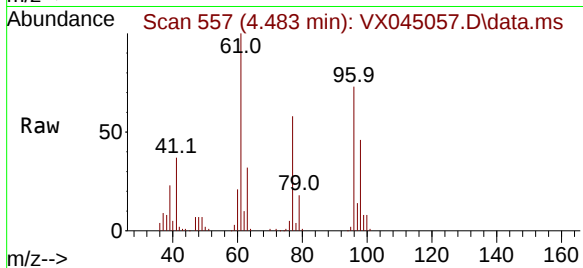
Tgt Ion: 96 Resp: 80994

Ion Ratio Lower Upper

96 100

61 146.6 0.0 294.0

98 64.1 0.0 131.2



#28

Bromochloromethane

Concen: 48.665 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

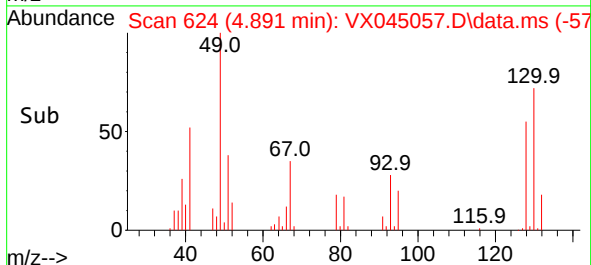
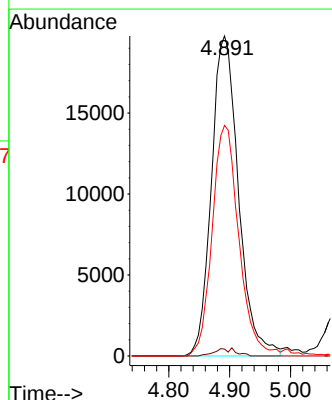
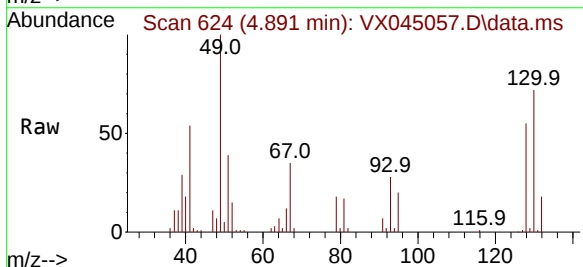
Tgt Ion: 49 Resp: 60987

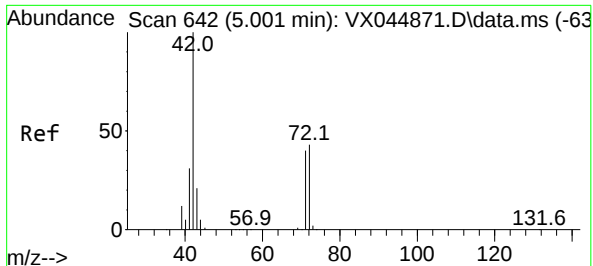
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 70.9 56.7 85.1





#29

Tetrahydrofuran

Concen: 298.538 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

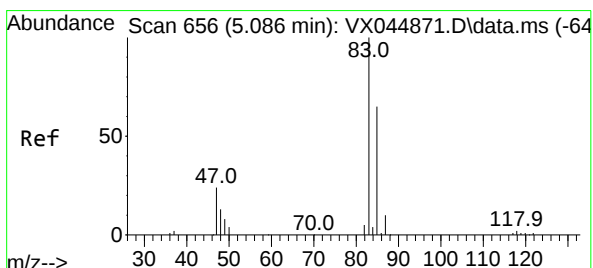
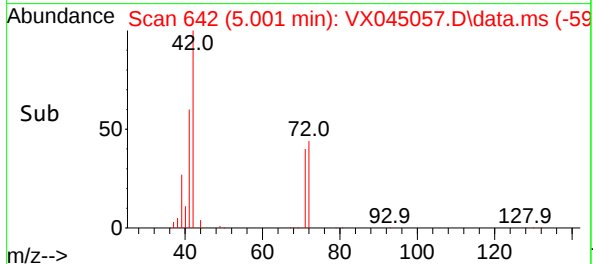
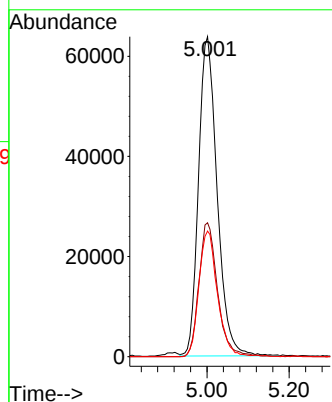
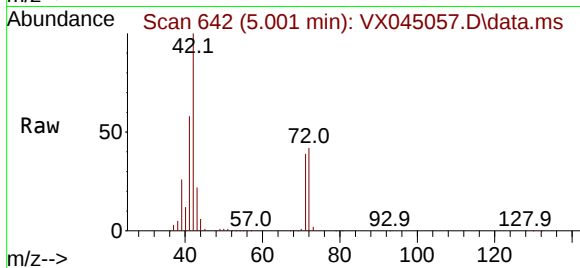
Tgt Ion: 42 Resp: 200325

Ion Ratio Lower Upper

42 100

72 42.0 35.0 52.4

71 39.1 32.6 48.8



#30

Chloroform

Concen: 52.120 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045057.D

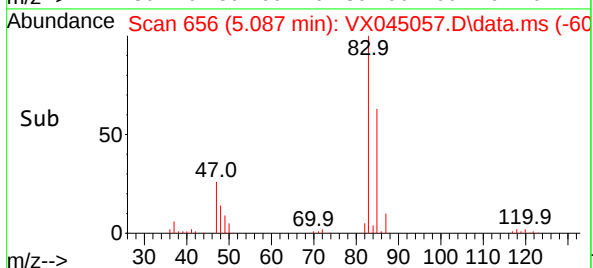
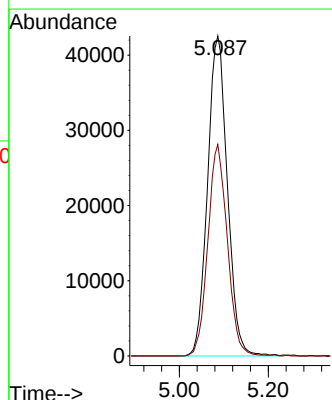
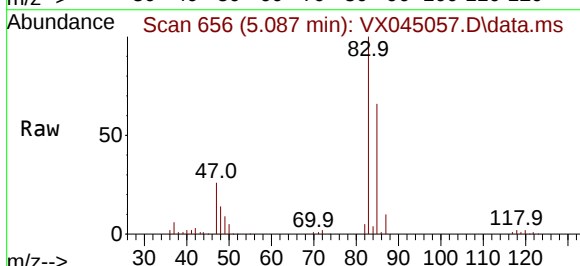
Acq: 27 Feb 2025 10:07

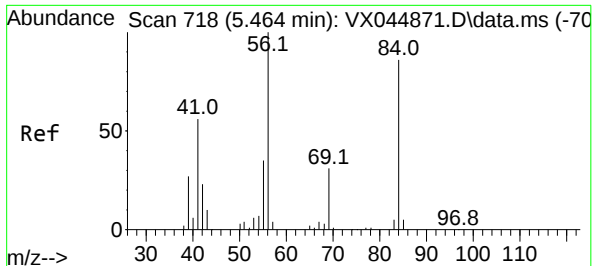
Tgt Ion: 83 Resp: 131808

Ion Ratio Lower Upper

83 100

85 66.1 52.1 78.1

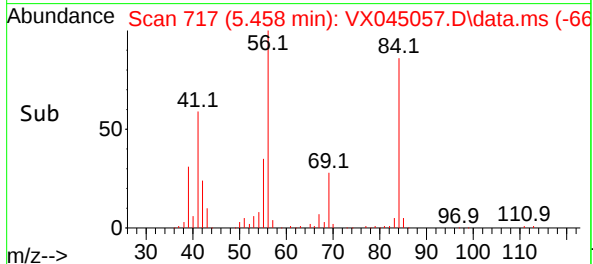
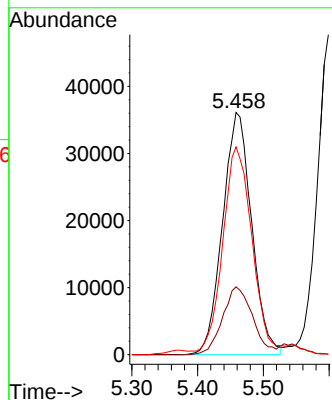
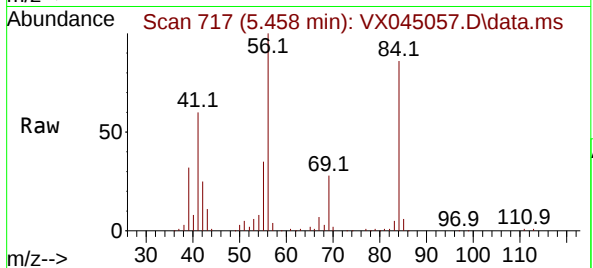




#31  
Cyclohexane  
Concen: 46.105 ug/l  
RT: 5.458 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

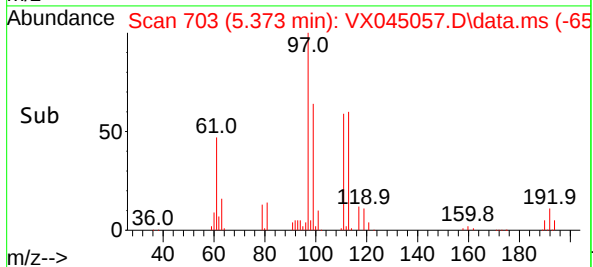
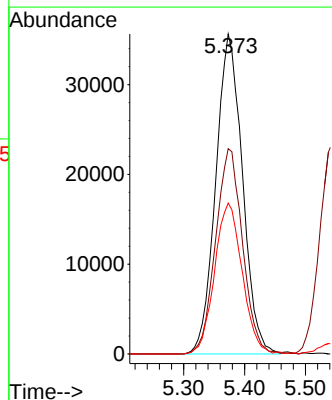
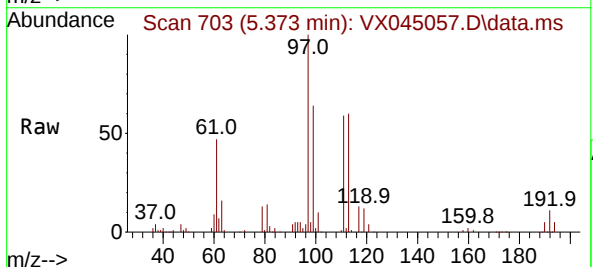
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

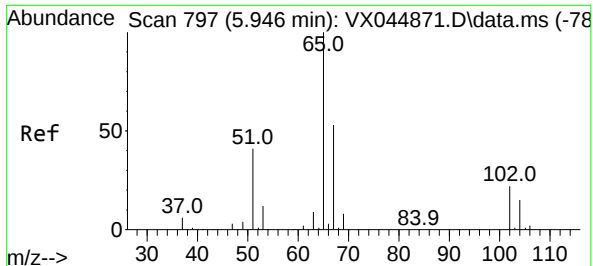
Tgt Ion: 56 Resp: 110840  
Ion Ratio Lower Upper  
56 100  
69 28.0 24.4 36.6  
84 84.0 69.0 103.6



#32  
1,1,1-Trichloroethane  
Concen: 50.592 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 97 Resp: 108523  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.0 76.6  
61 48.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.595 ug/l

RT: 5.946 min Scan# 79

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

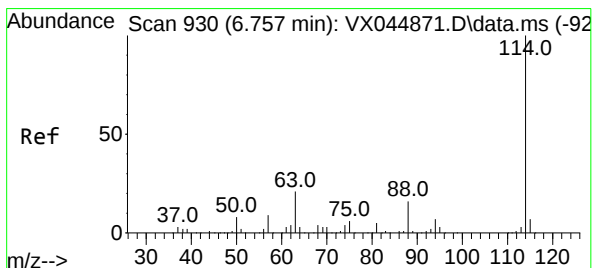
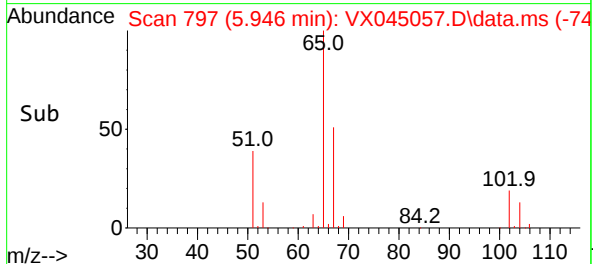
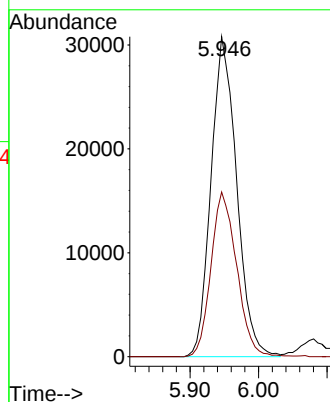
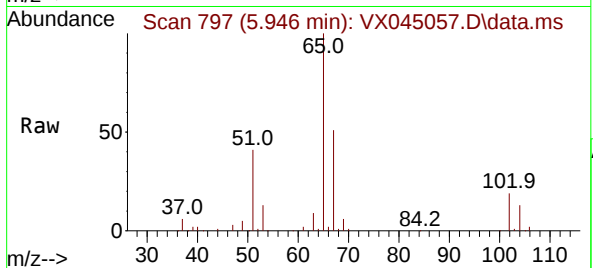
VSTDCCC050

Tgt Ion: 65 Resp: 79871

Ion Ratio Lower Upper

65 100

67 51.7 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

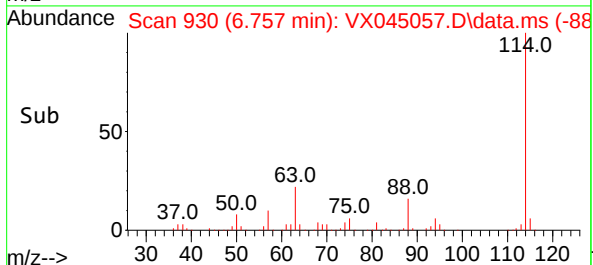
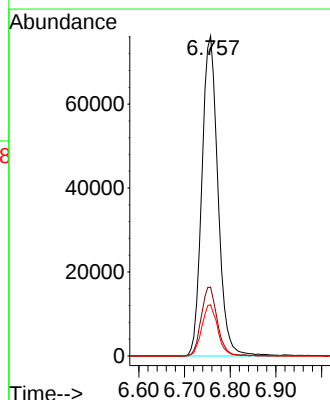
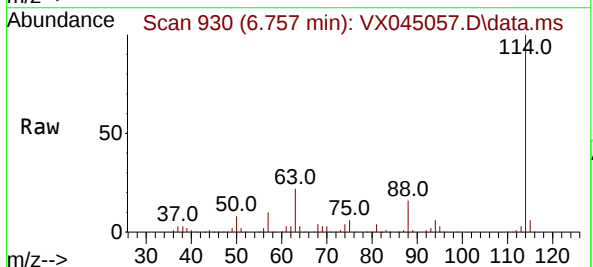
Tgt Ion: 114 Resp: 185667

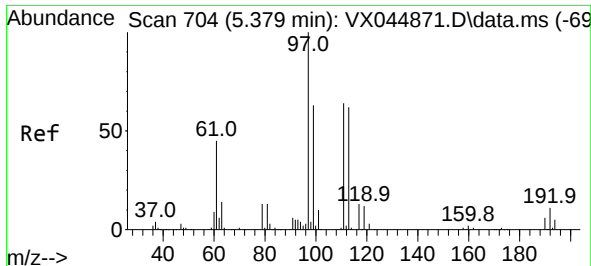
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

88 16.0 0.0 31.4

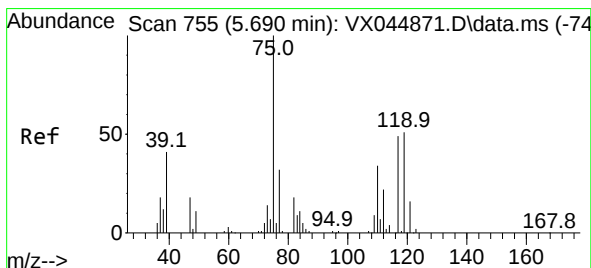
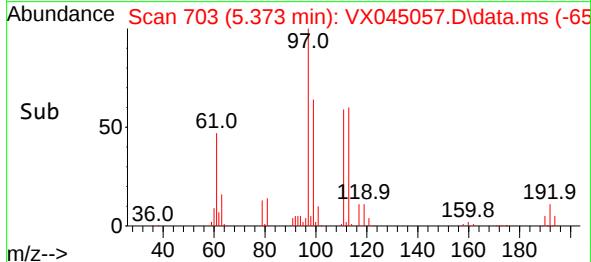
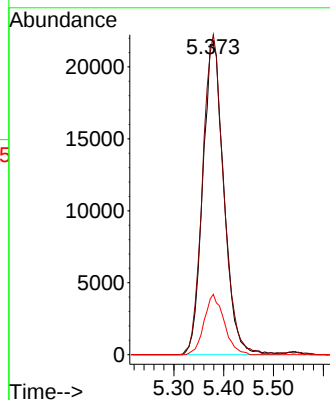
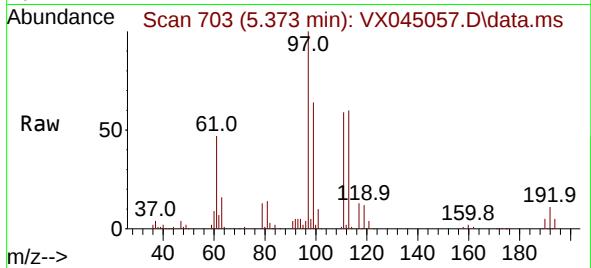




#35  
Dibromofluoromethane  
Concen: 52.981 ug/l  
RT: 5.373 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

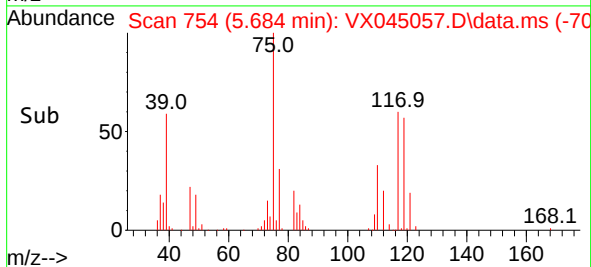
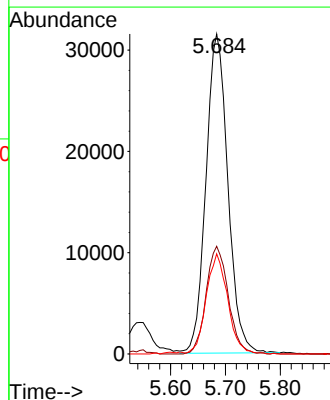
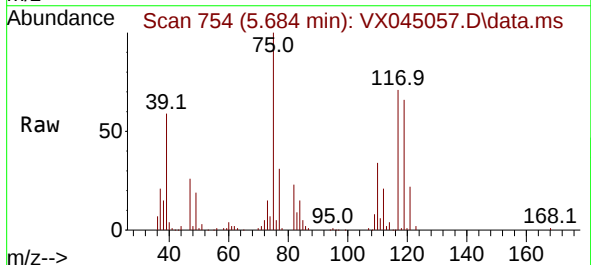
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

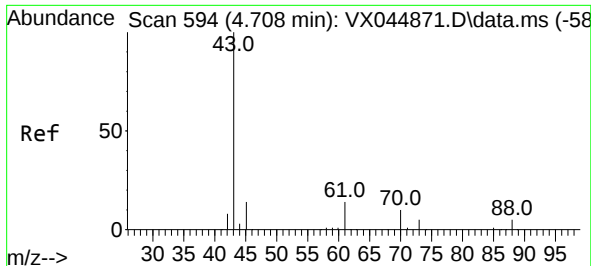
Tgt Ion:113 Resp: 63956  
Ion Ratio Lower Upper  
113 100  
111 101.7 83.5 125.3  
192 18.2 14.4 21.6



#36  
1,1-Dichloropropene  
Concen: 50.212 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 75 Resp: 87448  
Ion Ratio Lower Upper  
75 100  
110 34.1 17.2 51.6  
77 30.8 24.6 37.0

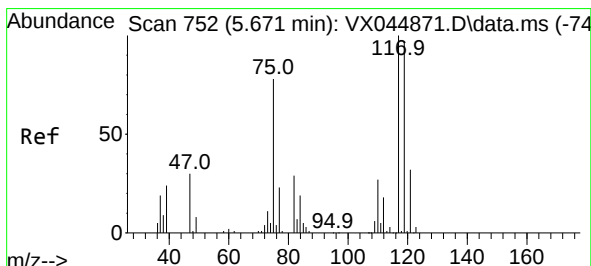
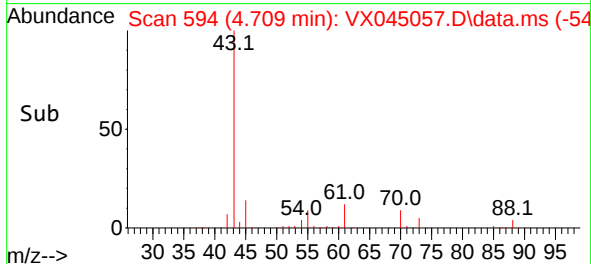
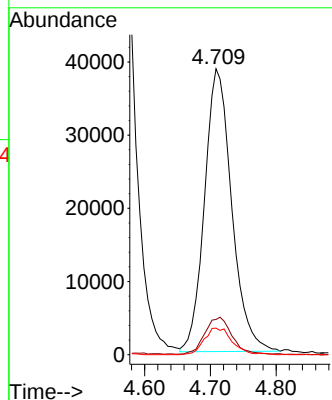
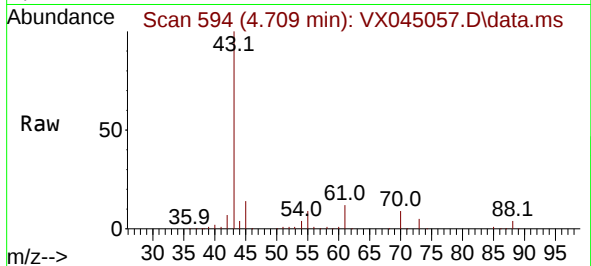




#37  
Ethyl Acetate  
Concen: 57.431 ug/l  
RT: 4.709 min Scan# 594  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

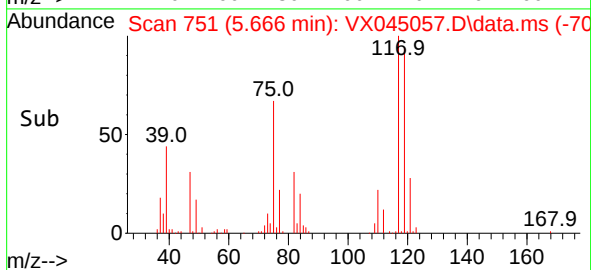
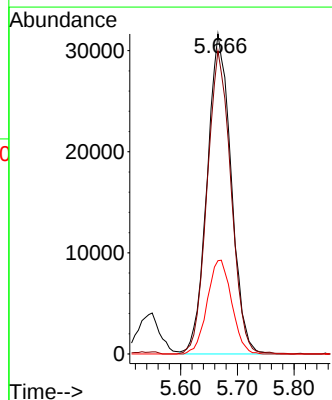
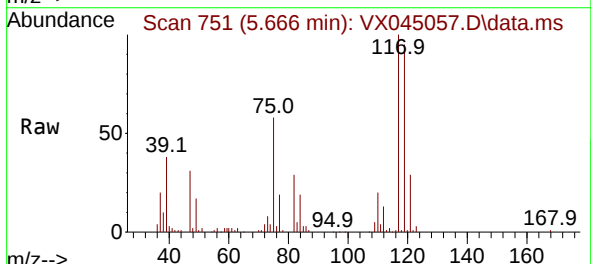
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 111252  
Ion Ratio Lower Upper  
43 100  
61 13.5 11.0 16.4  
70 9.5 8.2 12.2



#38  
Carbon Tetrachloride  
Concen: 54.680 ug/l  
RT: 5.666 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 117 Resp: 93320  
Ion Ratio Lower Upper  
117 100  
119 94.5 77.5 116.3  
121 29.2 25.6 38.4

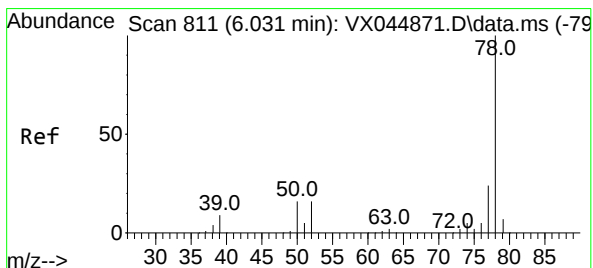
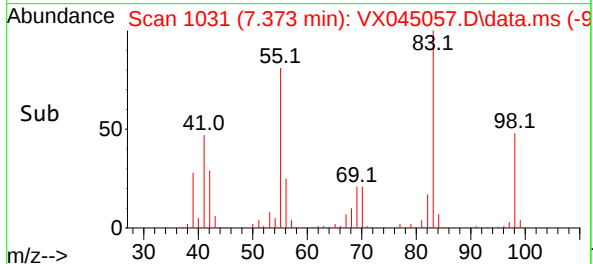
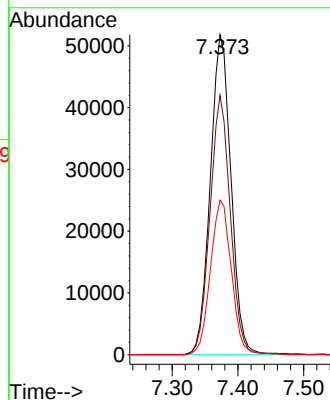
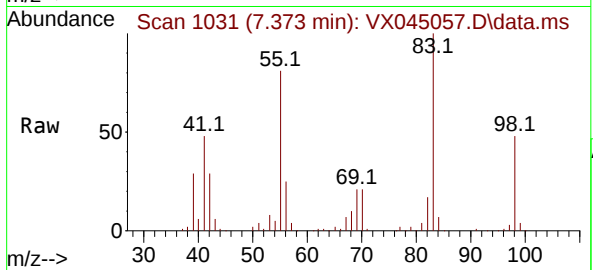




#39  
Methylcyclohexane  
Concen: 50.478 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

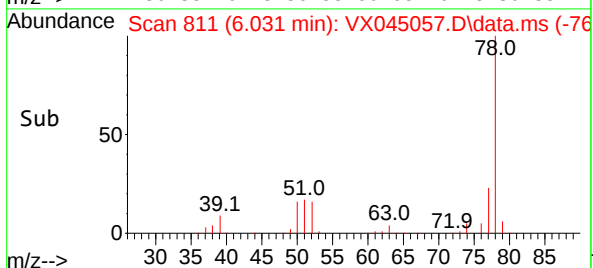
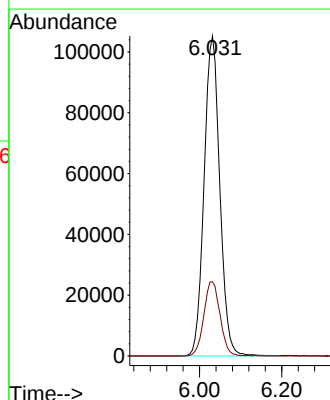
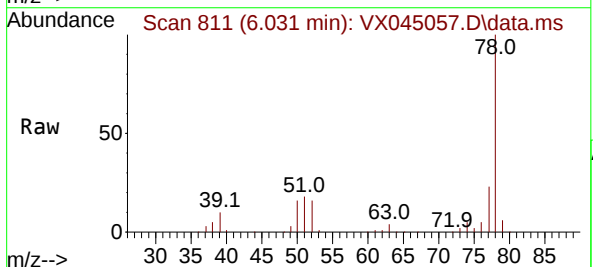
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 113655  
Ion Ratio Lower Upper  
83 100  
55 81.0 61.3 91.9  
98 48.3 37.0 55.6



#40  
Benzene  
Concen: 51.249 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 78 Resp: 278703  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.0 28.6

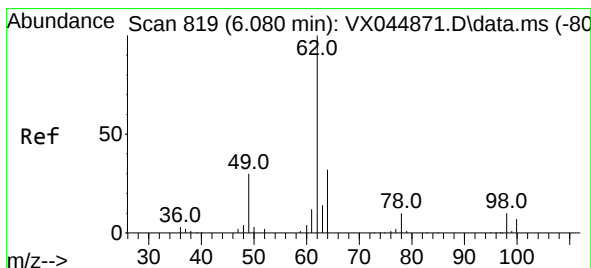
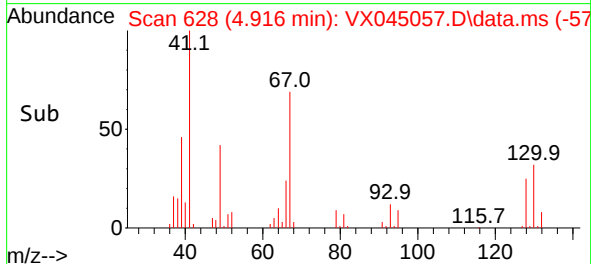
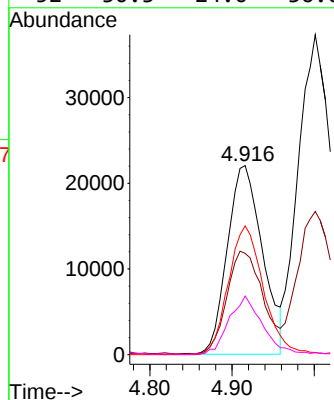
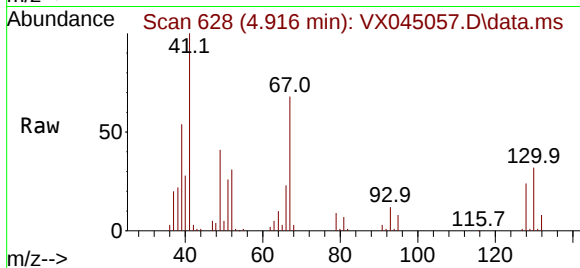




#41  
Methacrylonitrile  
Concen: 63.190 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

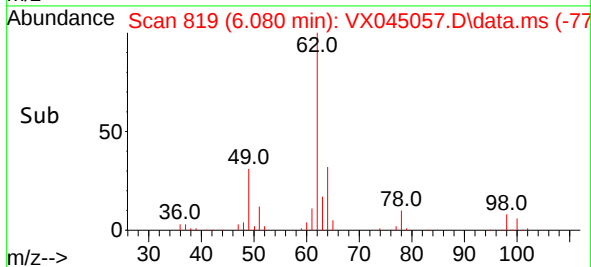
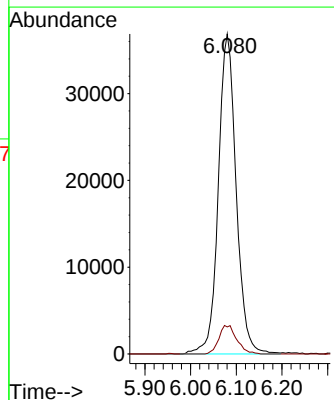
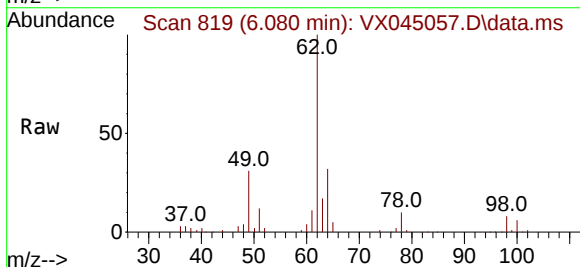
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 65520 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.2  | 43.1  | 64.7  |
| 67       | 68.1  | 57.0  | 85.6  |
| 52       | 30.3  | 24.0  | 36.0  |



#42  
1,2-Dichloroethane  
Concen: 57.692 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 99993 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.9   | 0.0   | 19.4  |

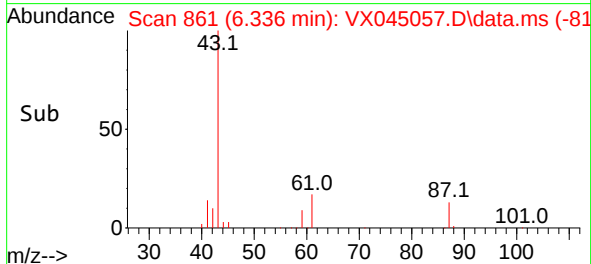
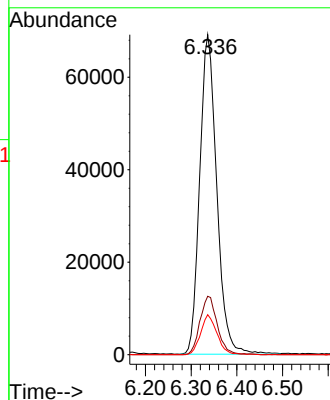
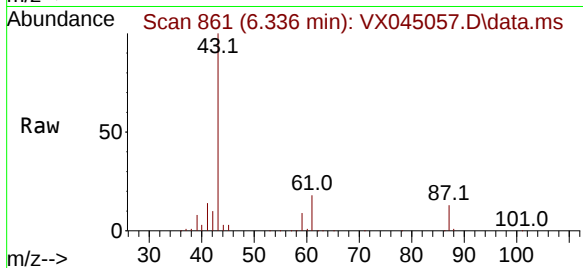




#43  
Isopropyl Acetate  
Concen: 57.370 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

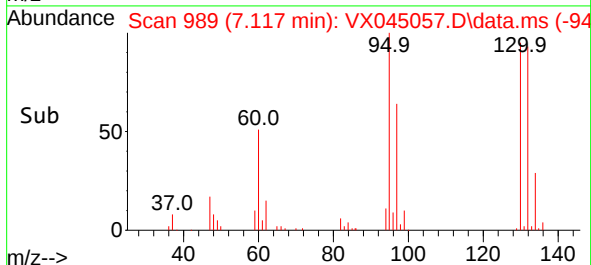
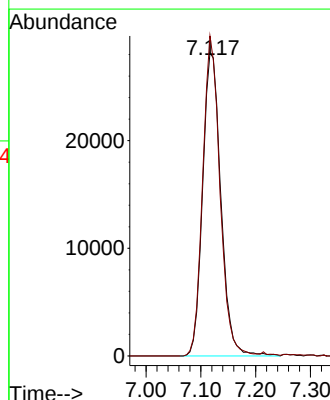
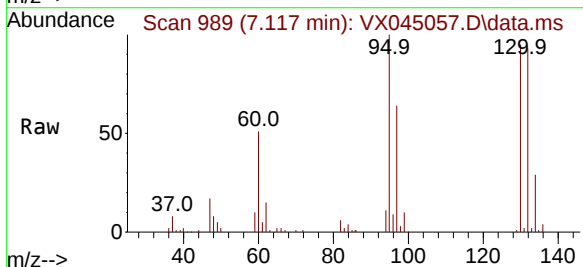
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

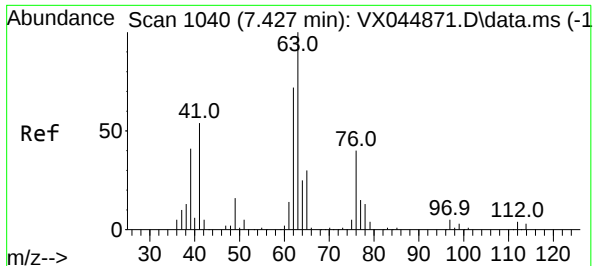
Tgt Ion: 43 Resp: 179465  
Ion Ratio Lower Upper  
43 100  
61 18.6 15.8 23.8  
87 12.0 10.0 15.0



#44  
Trichloroethene  
Concen: 52.265 ug/l  
RT: 7.117 min Scan# 989  
Delta R.T. -0.006 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion:130 Resp: 64968  
Ion Ratio Lower Upper  
130 100  
95 105.6 0.0 202.4





#45

1,2-Dichloropropane

Concen: 52.665 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

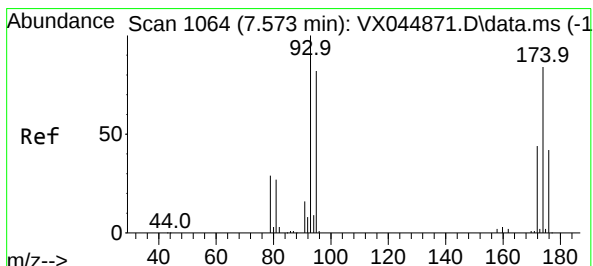
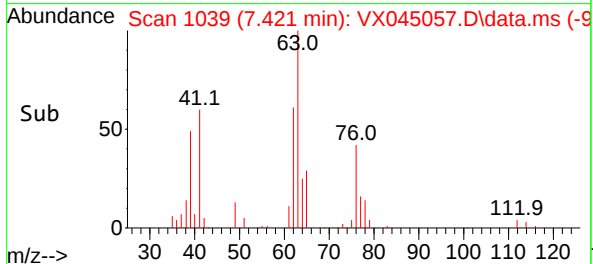
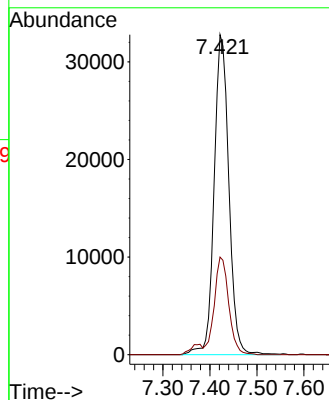
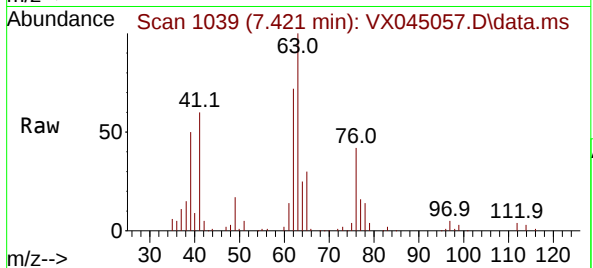
VSTDCCC050

Tgt Ion: 63 Resp: 71253

Ion Ratio Lower Upper

63 100

65 30.5 24.2 36.4



#46

Dibromomethane

Concen: 55.018 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

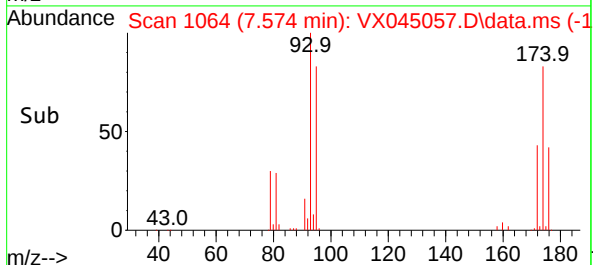
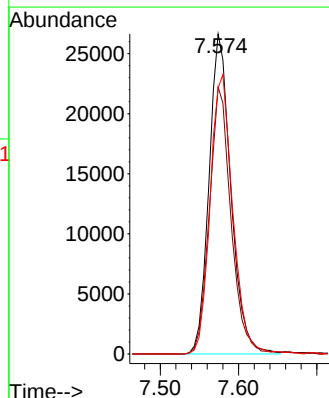
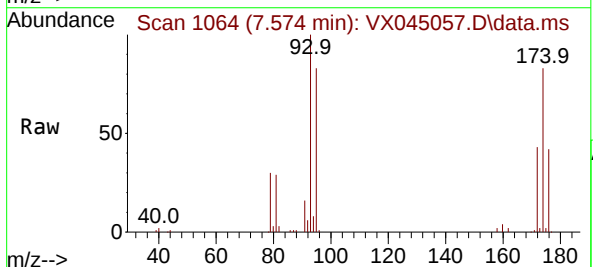
Tgt Ion: 93 Resp: 51622

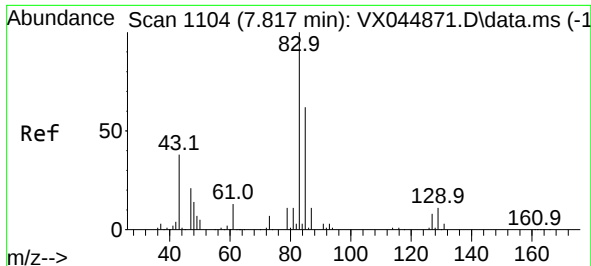
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 90.1 69.9 104.9

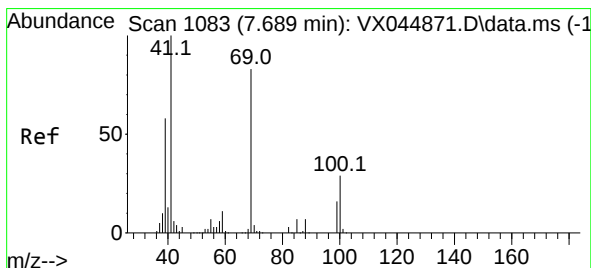
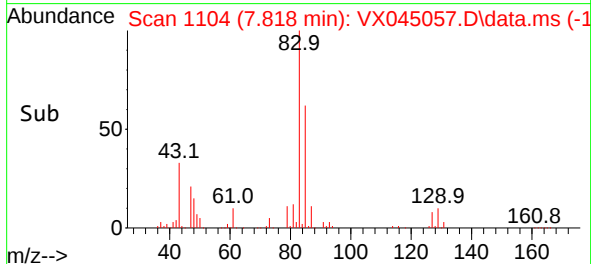
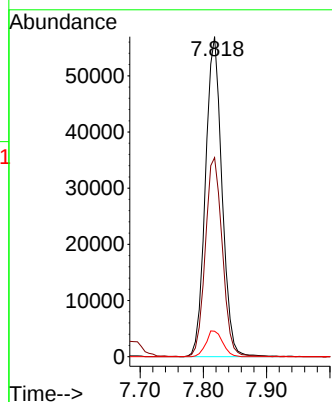
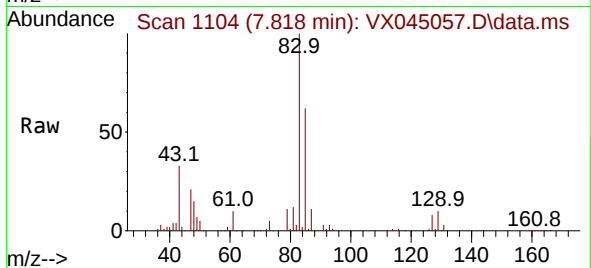




#47  
Bromodichloromethane  
Concen: 56.901 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

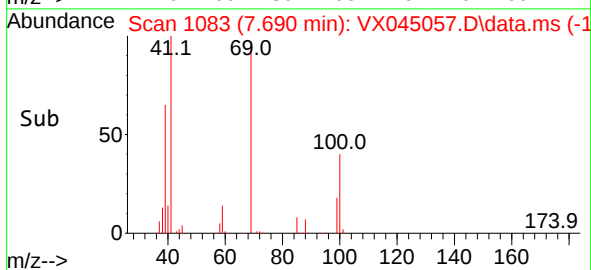
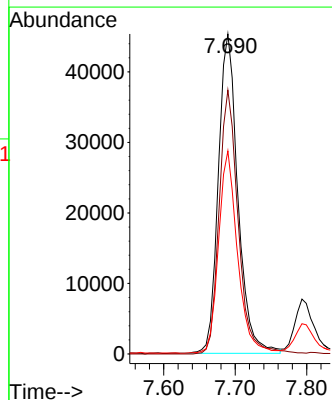
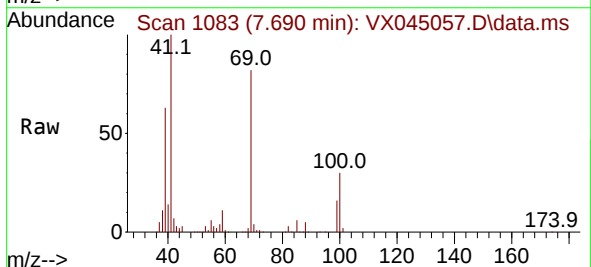
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

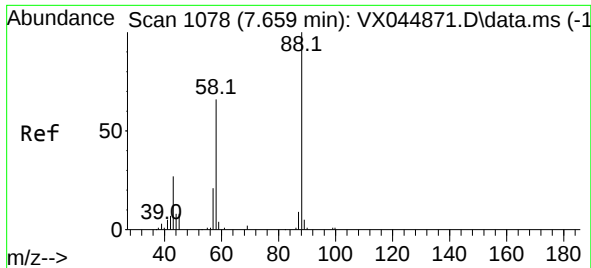
Tgt Ion: 83 Resp: 103376  
Ion Ratio Lower Upper  
83 100  
85 62.2 50.0 75.0  
127 7.9 6.4 9.6



#48  
Methyl methacrylate  
Concen: 58.415 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 41 Resp: 86161  
Ion Ratio Lower Upper  
41 100  
69 80.6 65.8 98.8  
39 61.3 46.4 69.6

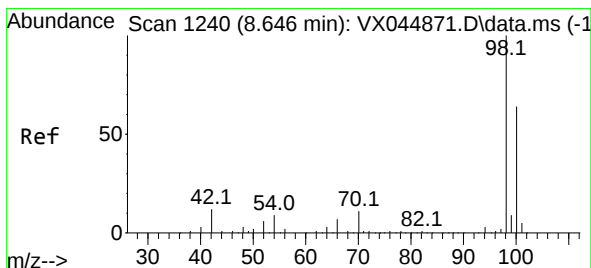
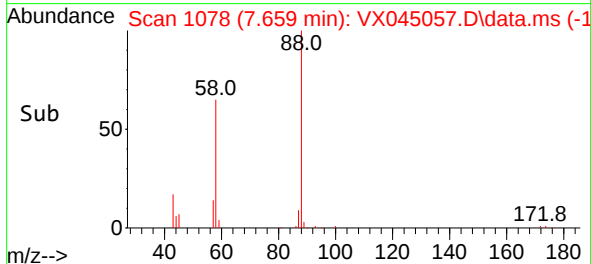
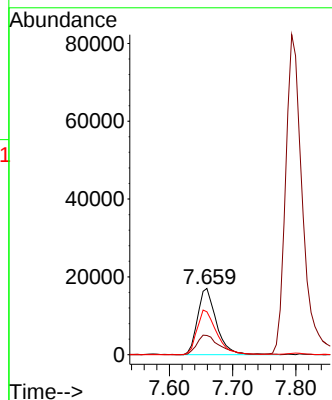
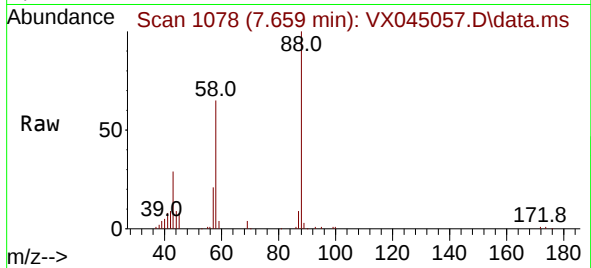




#49  
1,4-Dioxane  
Concen: 1109.165 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

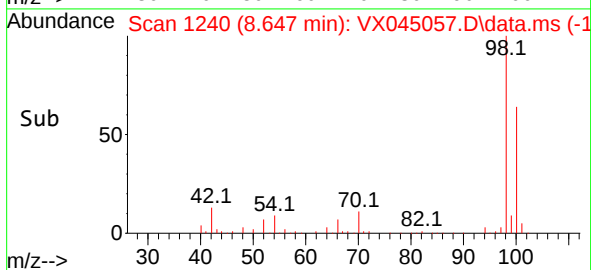
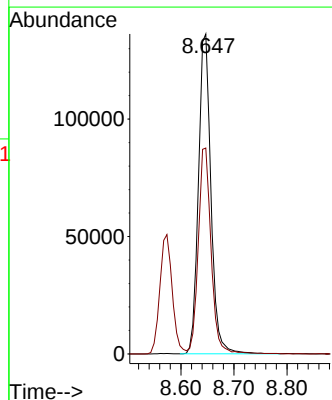
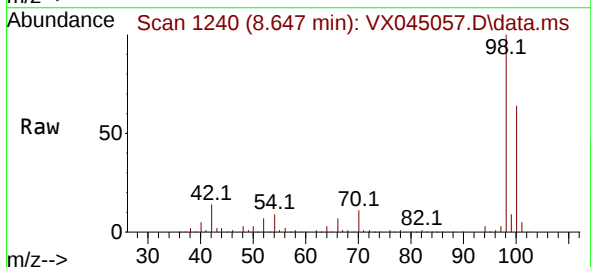
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

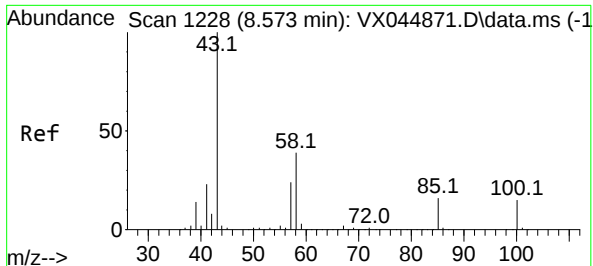
Tgt Ion: 88 Resp: 35100  
Ion Ratio Lower Upper  
88 100  
43 35.8 26.6 39.8  
58 70.3 55.9 83.9



#50  
Toluene-d8  
Concen: 48.922 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 98 Resp: 223313  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.7 79.1

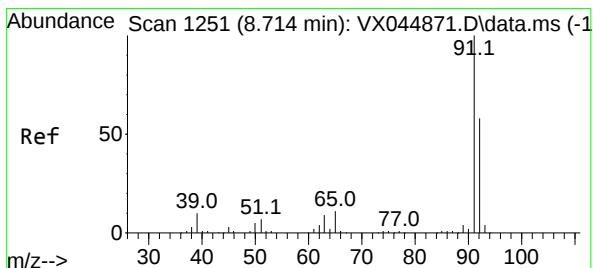
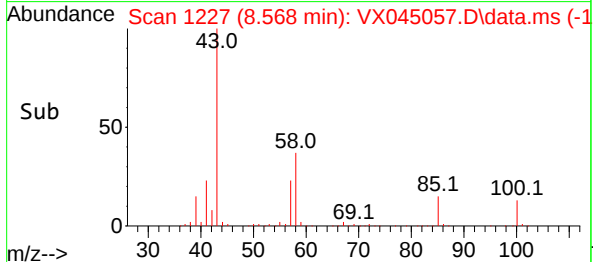
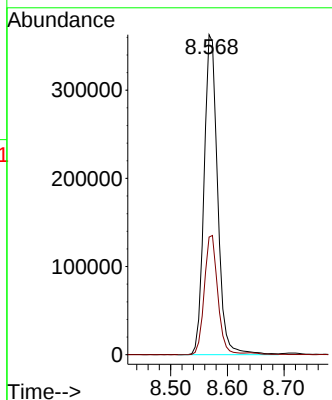
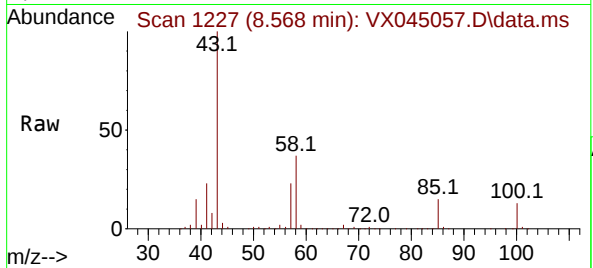




#51  
4-Methyl-2-Pentanone  
Concen: 317.164 ug/l  
RT: 8.568 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

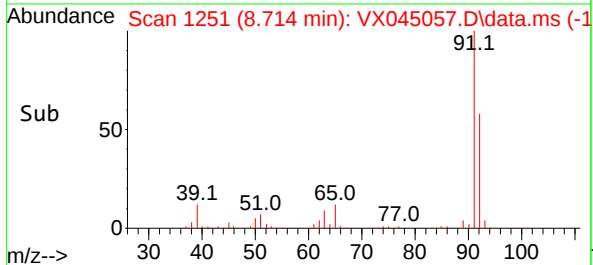
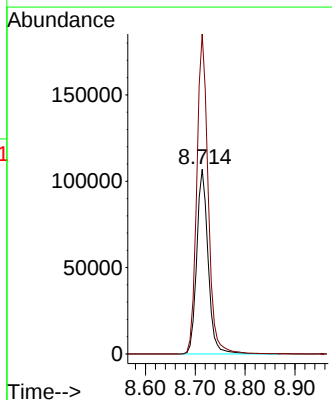
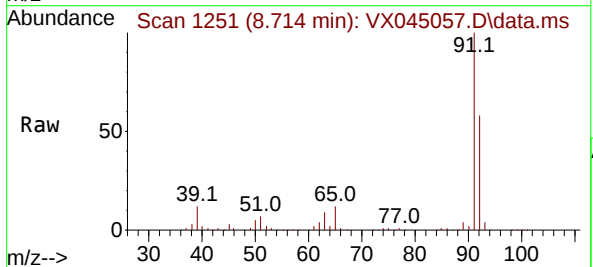
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

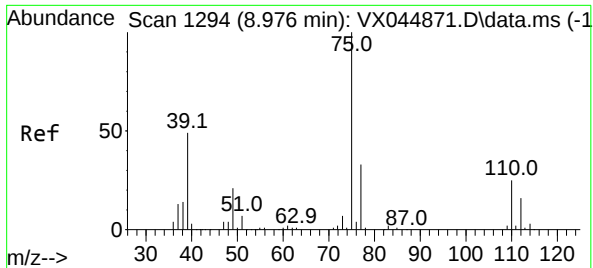
Tgt Ion: 43 Resp: 603169  
Ion Ratio Lower Upper  
43 100  
58 36.8 30.8 46.2



#52  
Toluene  
Concen: 52.324 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 92 Resp: 169466  
Ion Ratio Lower Upper  
92 100  
91 173.1 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 52.090 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

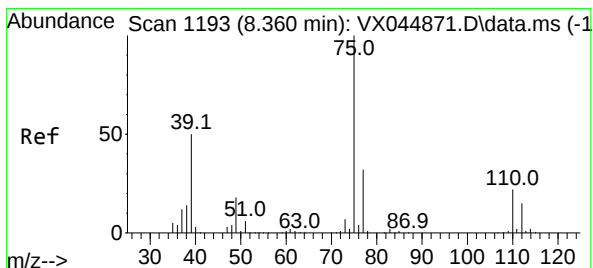
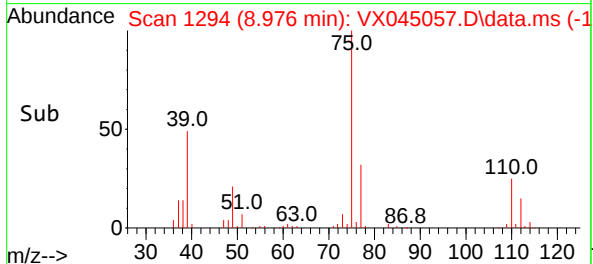
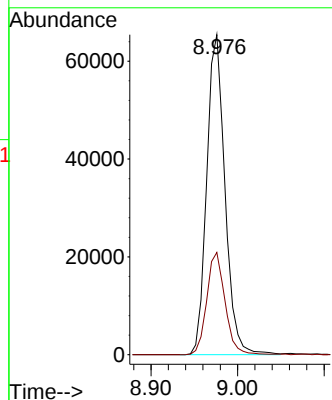
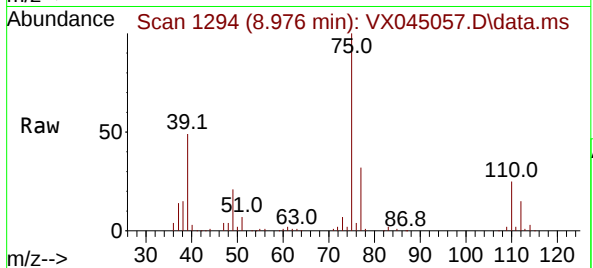
VSTDCCC050

Tgt Ion: 75 Resp: 95766

Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 52.518 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

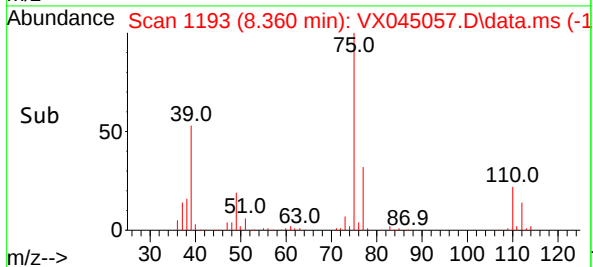
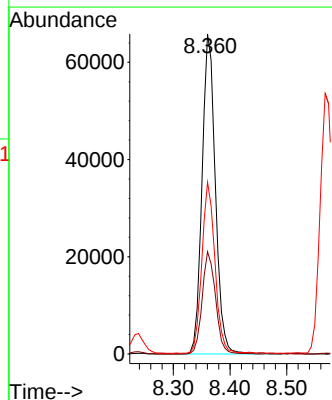
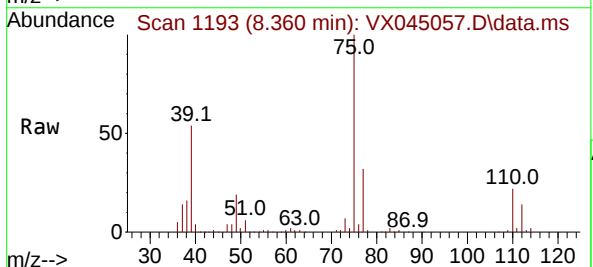
Tgt Ion: 75 Resp: 107653

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 53.4 40.0 60.0



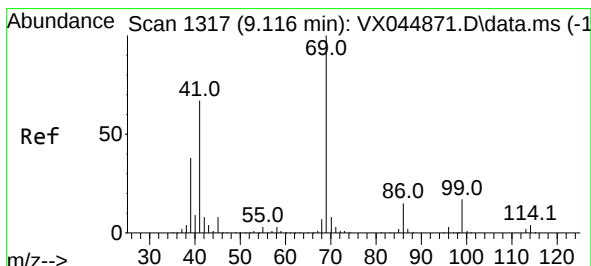
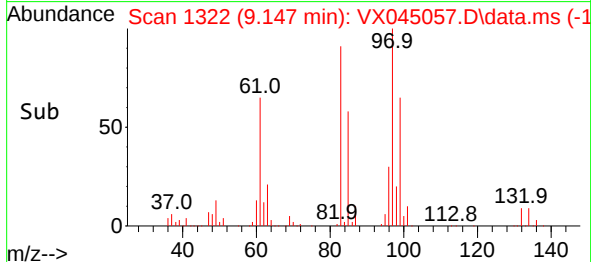
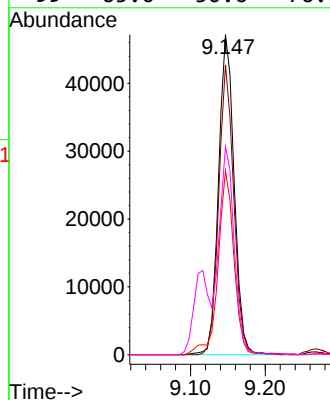
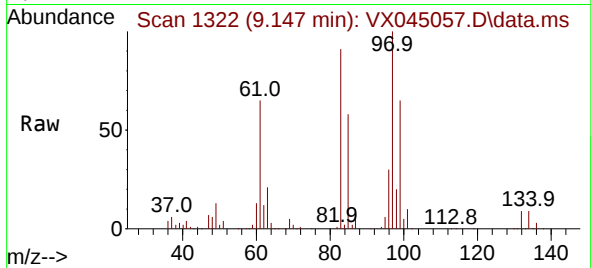


#55  
1,1,2-Trichloroethane  
Concen: 55.292 ug/l  
RT: 9.147 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 68840

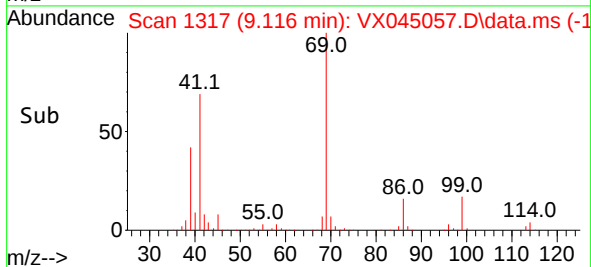
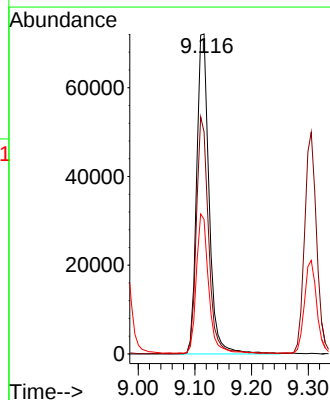
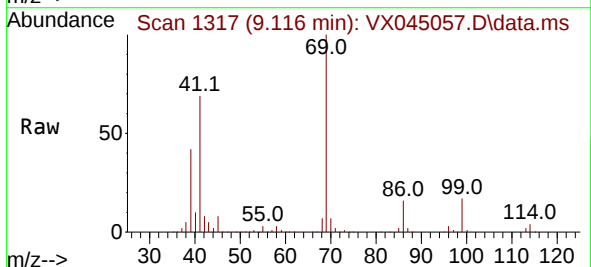
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 90.5  | 69.8  | 104.6 |
| 85  | 57.5  | 44.8  | 67.2  |
| 99  | 65.0  | 50.6  | 76.0  |

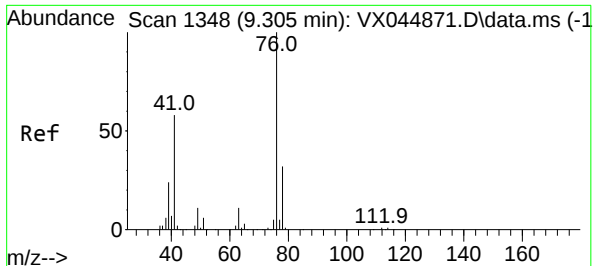


#56  
Ethyl methacrylate  
Concen: 54.891 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 69 Resp: 110378

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.1  | 55.2  | 82.8  |
| 39  | 42.8  | 30.8  | 46.2  |





#57

1,3-Dichloropropane

Concen: 54.868 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

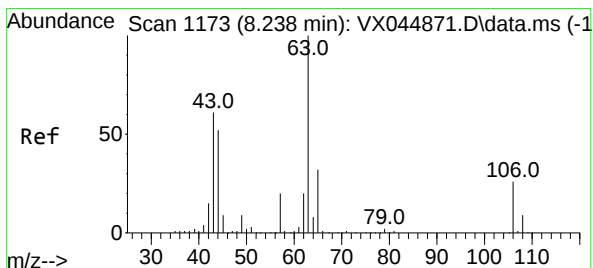
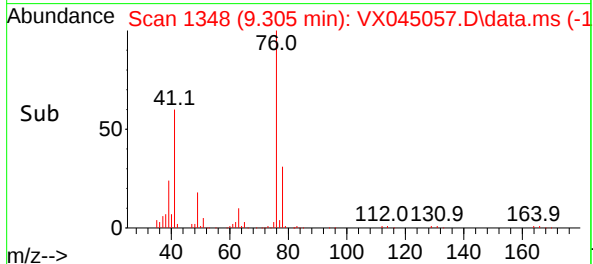
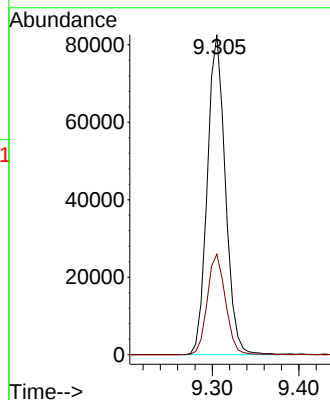
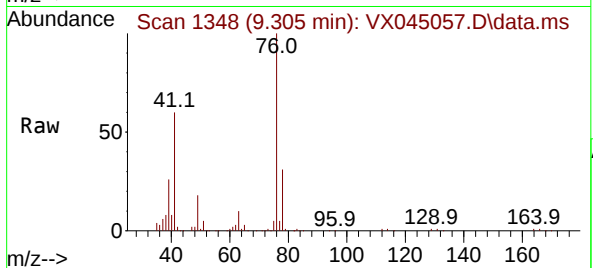
VSTDCCC050

Tgt Ion: 76 Resp: 119524

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 284.022 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045057.D

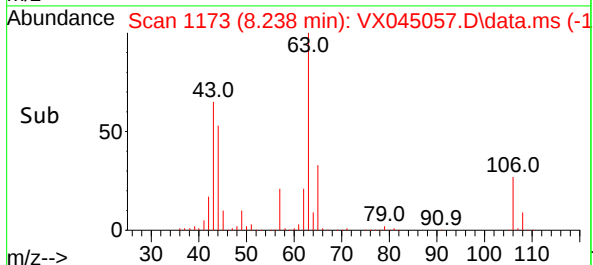
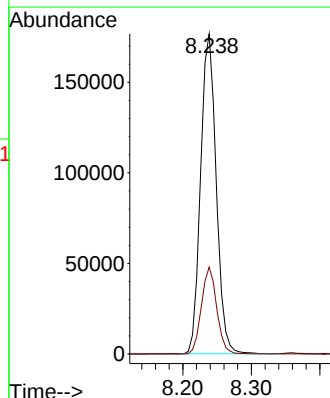
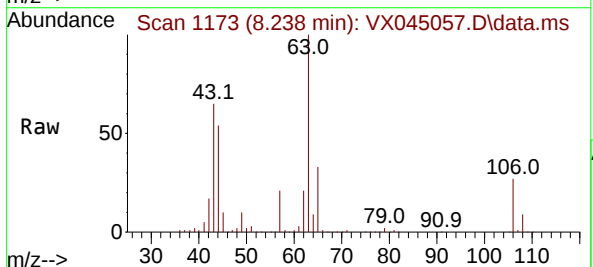
Acq: 27 Feb 2025 10:07

Tgt Ion: 63 Resp: 280428

Ion Ratio Lower Upper

63 100

106 26.6 21.3 31.9

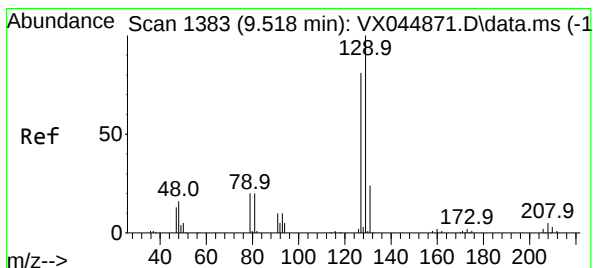
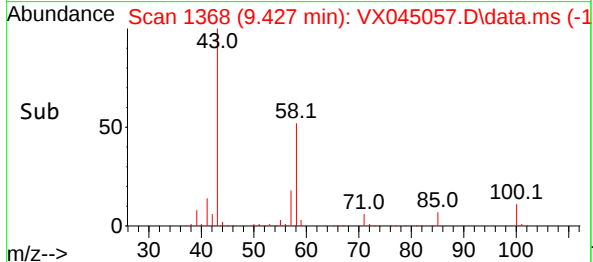
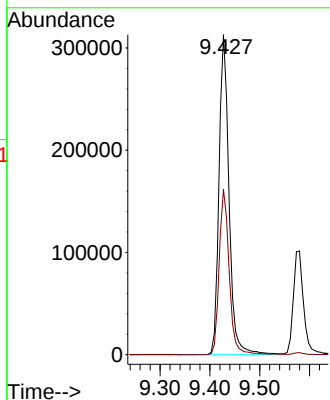
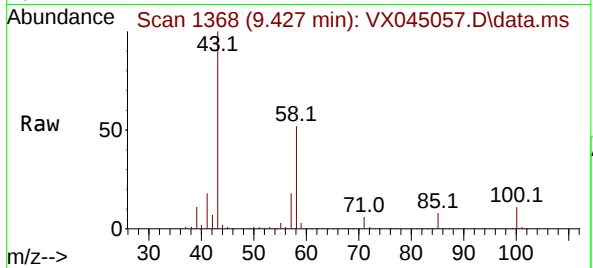




#59  
2-Hexanone  
Concen: 318.334 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

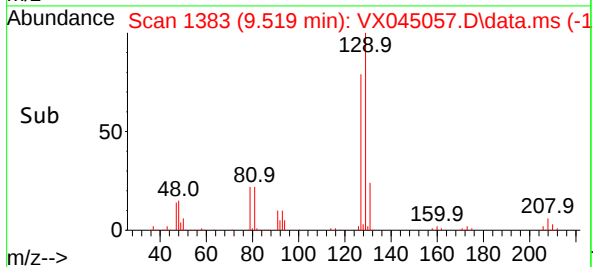
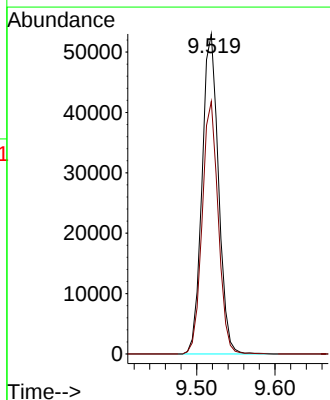
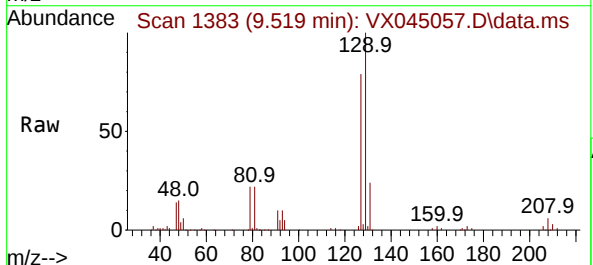
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 436192  
Ion Ratio Lower Upper  
43 100  
58 51.9 27.5 82.4



#60  
Dibromochloromethane  
Concen: 57.973 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 129 Resp: 77191  
Ion Ratio Lower Upper  
129 100  
127 76.9 39.1 117.3

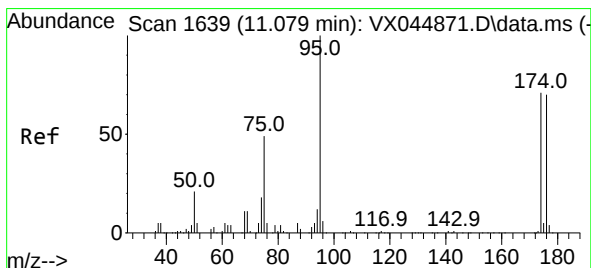
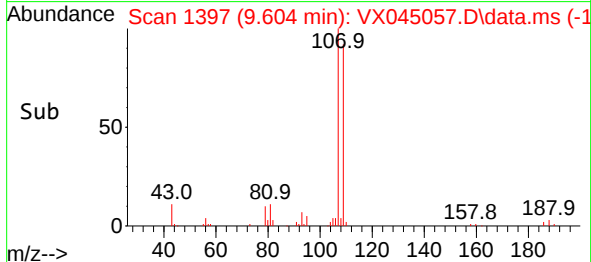
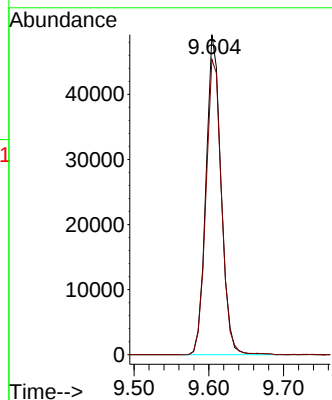
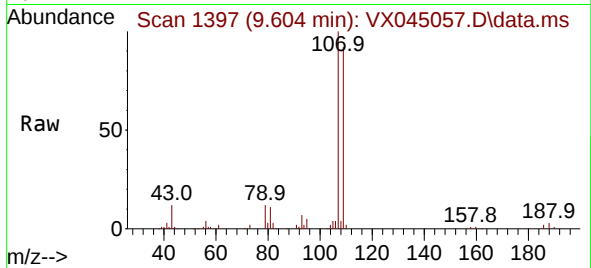




#61  
1,2-Dibromoethane  
Concen: 54.393 ug/l  
RT: 9.604 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

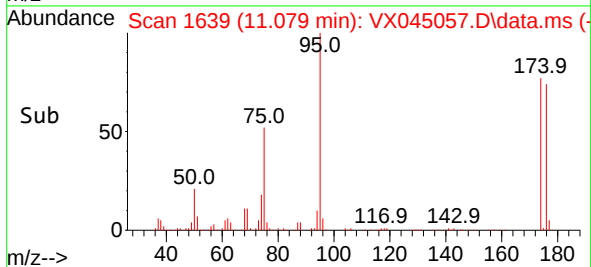
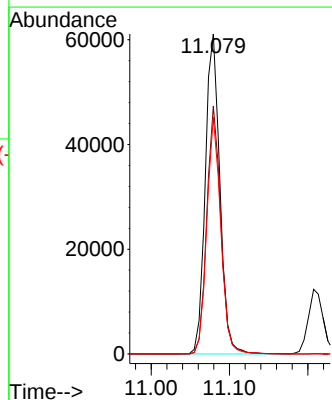
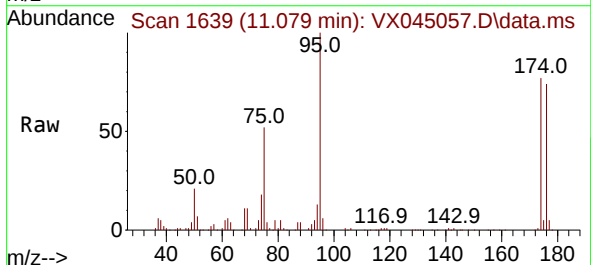
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

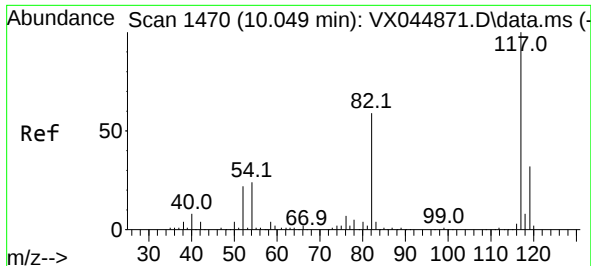
Tgt Ion:107 Resp: 68638  
Ion Ratio Lower Upper  
107 100  
109 95.5 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 51.092 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 95 Resp: 78624  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 142.6  
176 71.0 0.0 141.6

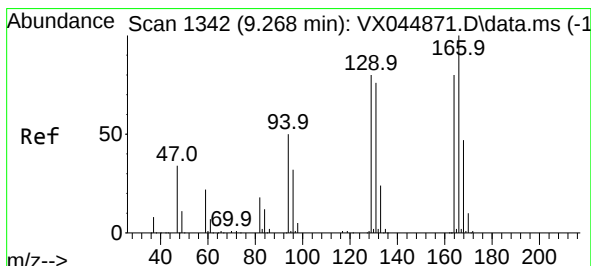
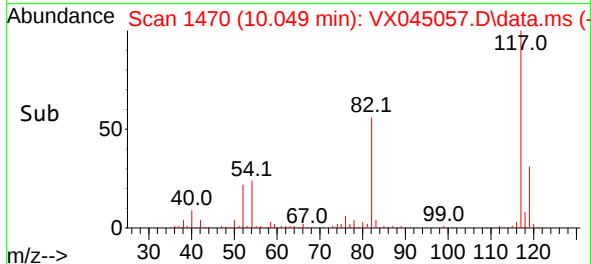
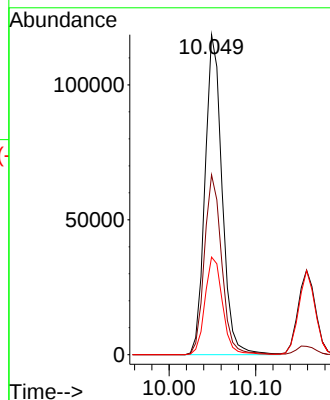
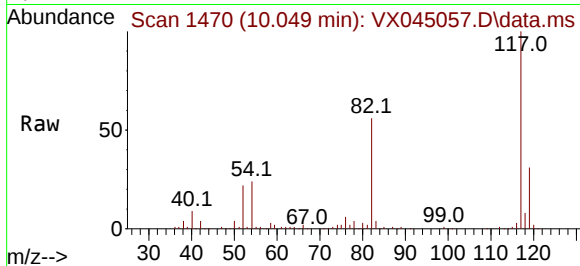




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

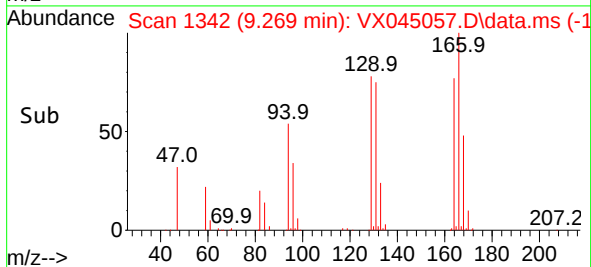
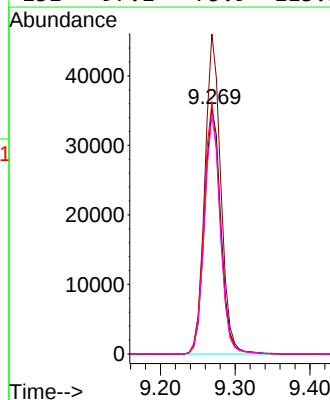
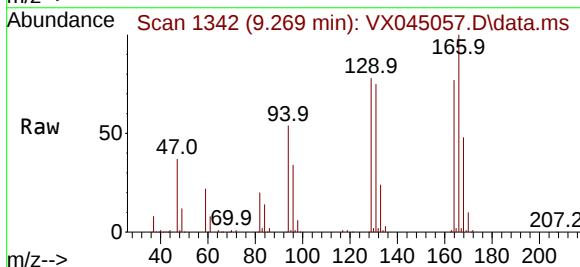
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

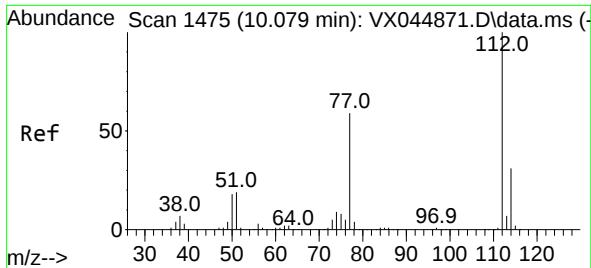
Tgt Ion:117 Resp: 162566  
Ion Ratio Lower Upper  
117 100  
82 56.2 47.5 71.3  
119 30.5 25.4 38.0



#64  
Tetrachloroethene  
Concen: 52.452 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion:164 Resp: 53775  
Ion Ratio Lower Upper  
164 100  
166 130.3 100.4 150.6  
129 102.2 79.9 119.9  
131 97.1 75.9 113.9

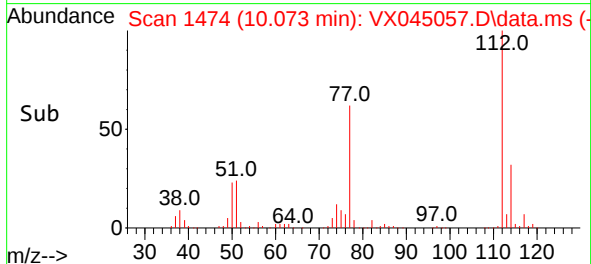
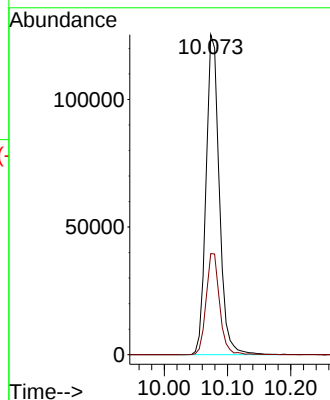
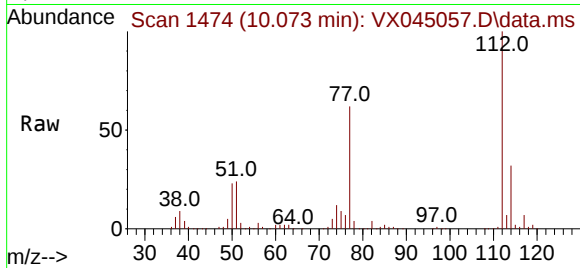




#65  
Chlorobenzene  
Concen: 52.437 ug/l  
RT: 10.073 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

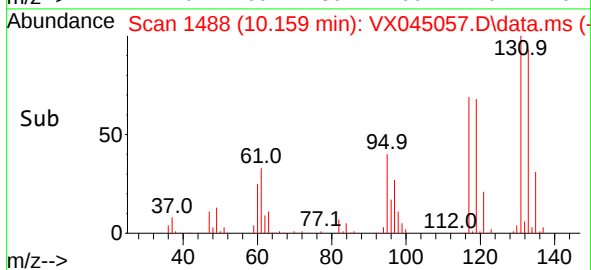
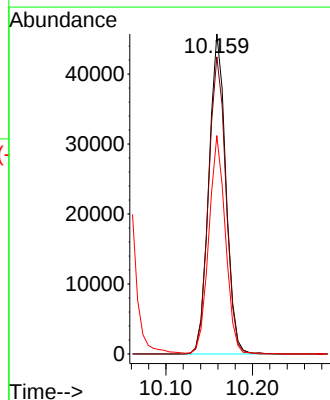
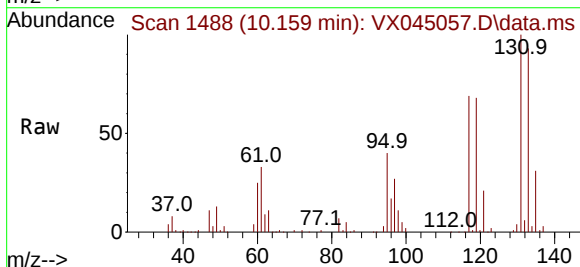
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

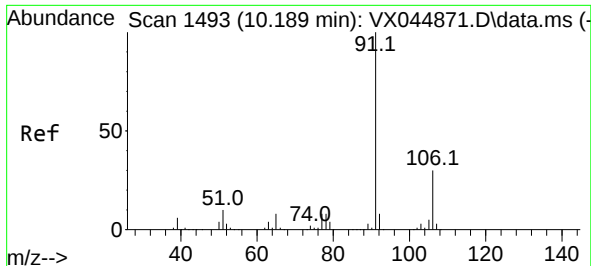
Tgt Ion:112 Resp: 183094  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.433 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion:131 Resp: 62299  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.1 141.3  
119 66.7 33.6 100.6





#67

Ethyl Benzene

Concen: 52.764 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

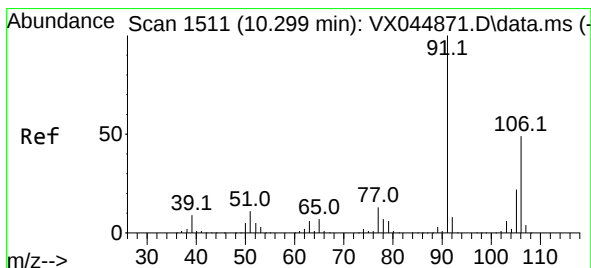
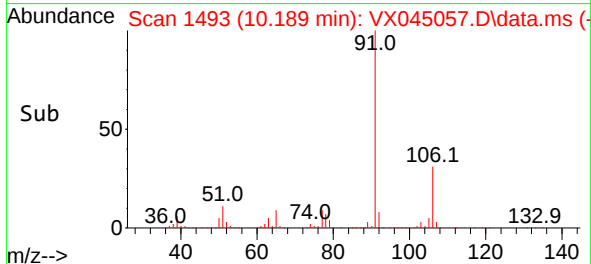
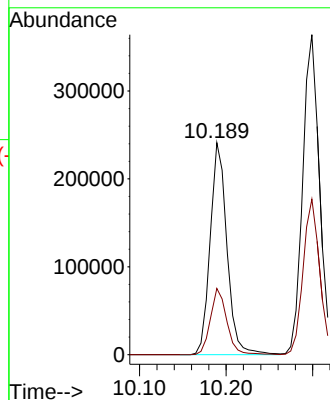
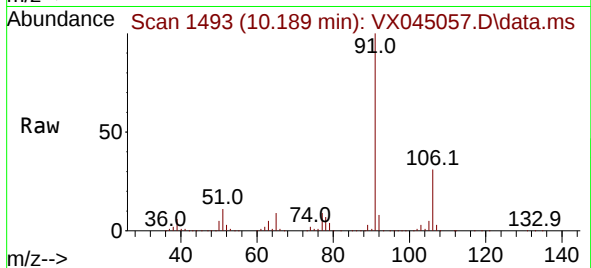
VSTDCCC050

Tgt Ion: 91 Resp: 325118

Ion Ratio Lower Upper

91 100

106 31.2 23.9 35.9



#68

m/p-Xylenes

Concen: 105.689 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045057.D

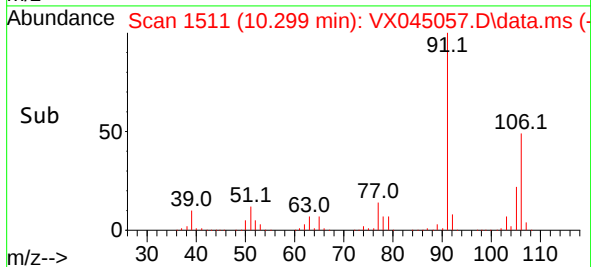
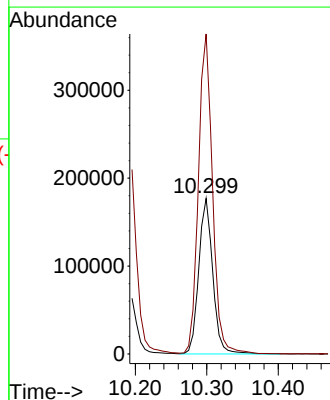
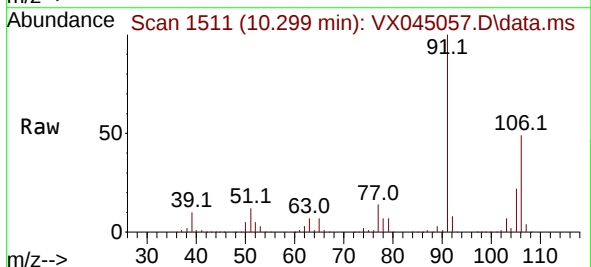
Acq: 27 Feb 2025 10:07

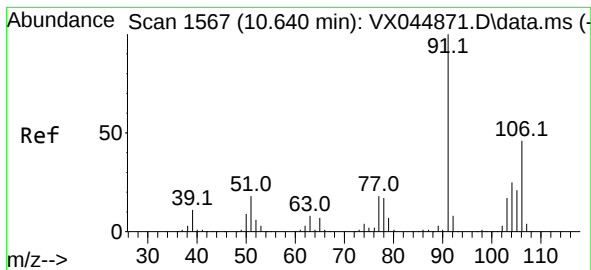
Tgt Ion:106 Resp: 240226

Ion Ratio Lower Upper

106 100

91 207.6 164.3 246.5





#69

o-Xylene

Concen: 51.552 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

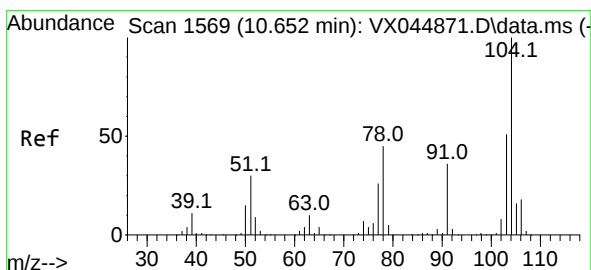
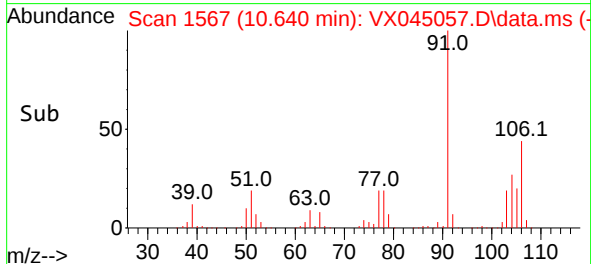
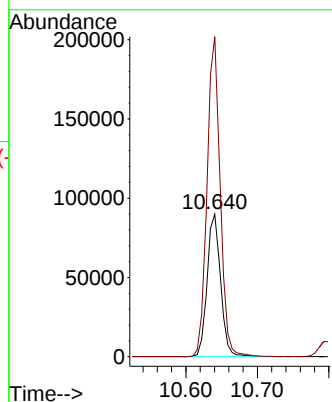
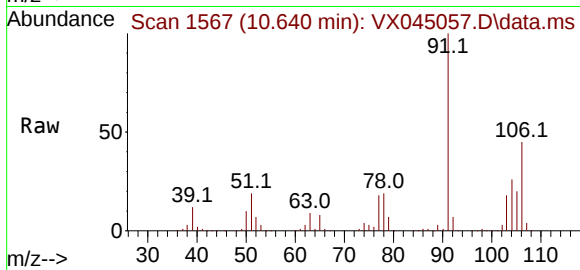
VSTDCCC050

Tgt Ion:106 Resp: 117575

Ion Ratio Lower Upper

106 100

91 219.8 108.5 325.5



#70

Styrene

Concen: 54.051 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

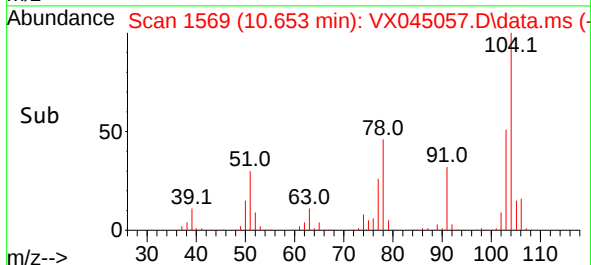
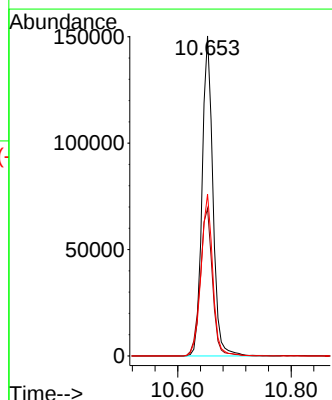
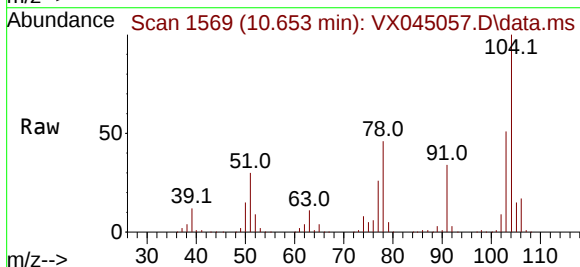
Tgt Ion:104 Resp: 198609

Ion Ratio Lower Upper

104 100

78 52.1 40.5 60.7

103 54.8 43.6 65.4





#71

Bromoform

Concen: 60.067 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

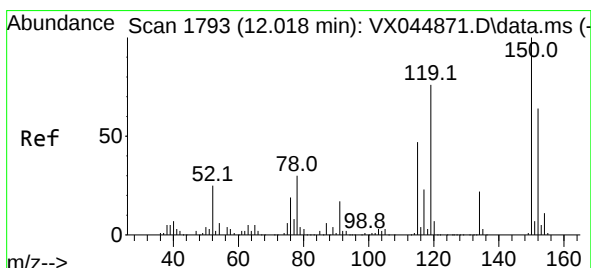
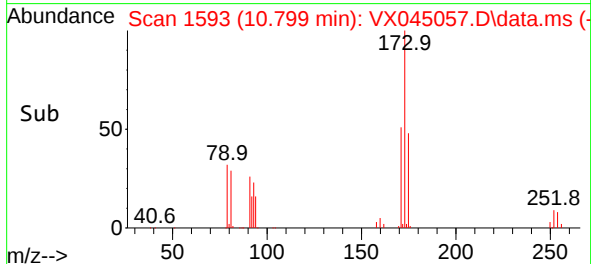
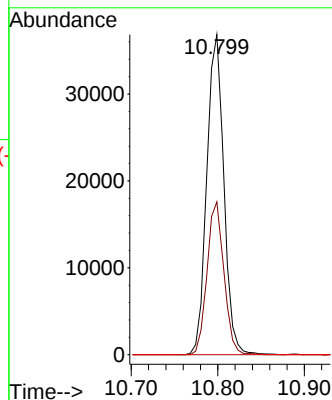
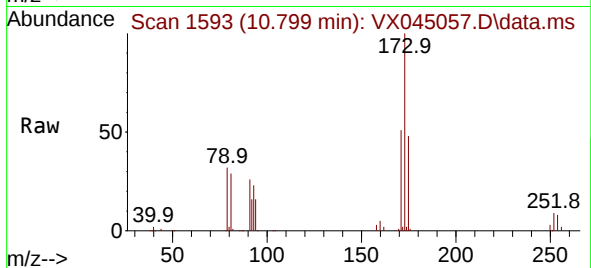
Tgt Ion:173 Resp: 50380

Ion Ratio Lower Upper

173 100

175 47.2 24.3 72.8

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: VX045057.D

Acq: 27 Feb 2025 10:07

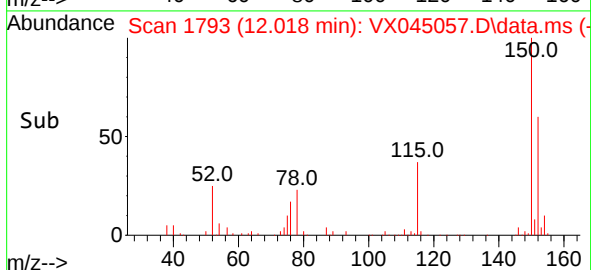
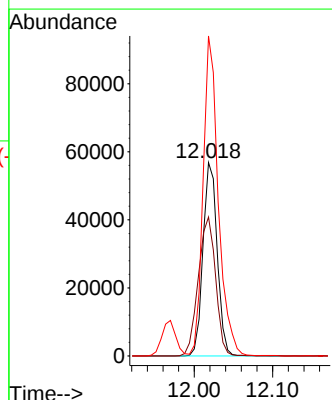
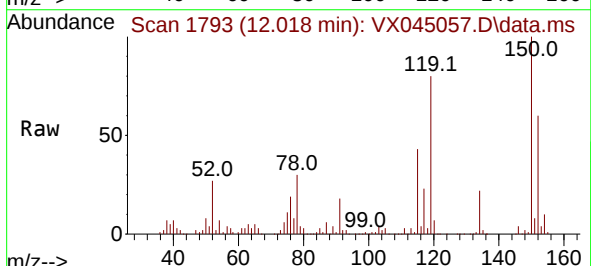
Tgt Ion:152 Resp: 71634

Ion Ratio Lower Upper

152 100

115 87.5 43.4 130.1

150 175.9 0.0 350.4

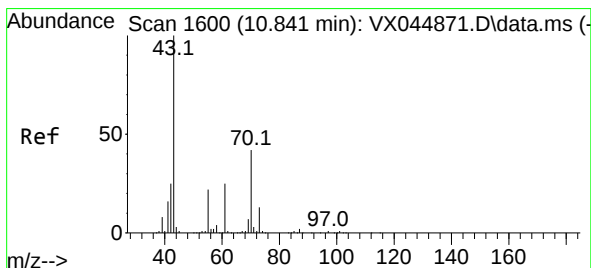
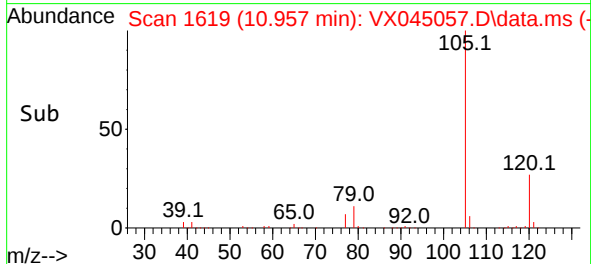
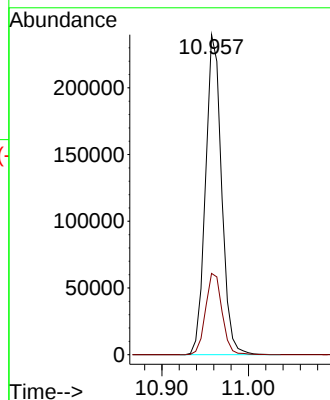
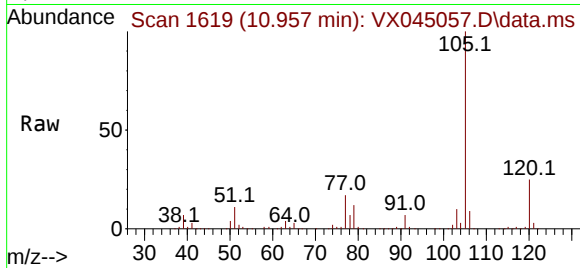




#73  
Isopropylbenzene  
Concen: 53.550 ug/l  
RT: 10.957 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

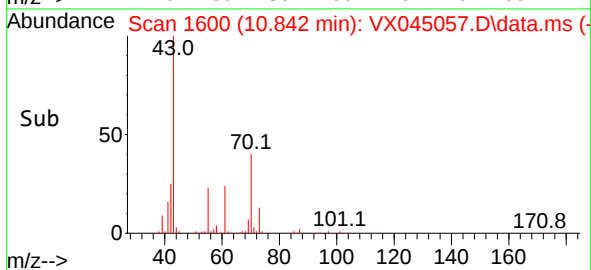
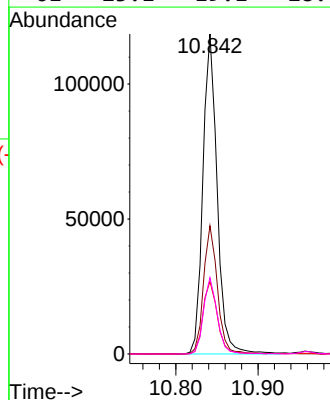
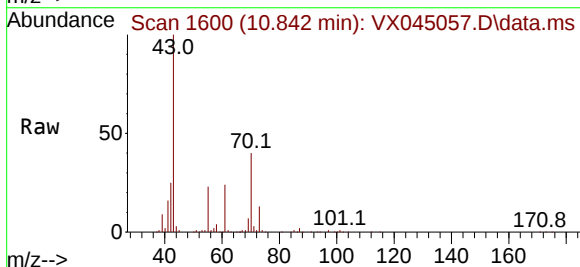
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

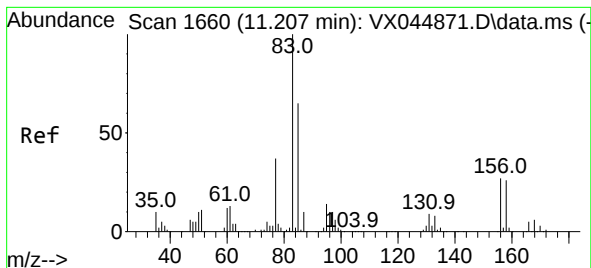
Tgt Ion:105 Resp: 308870  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.2 39.5



#74  
N-ethyl acetate  
Concen: 54.727 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 43 Resp: 142840  
Ion Ratio Lower Upper  
43 100  
70 39.3 33.7 50.5  
55 23.2 18.6 27.8  
61 23.1 19.1 28.7

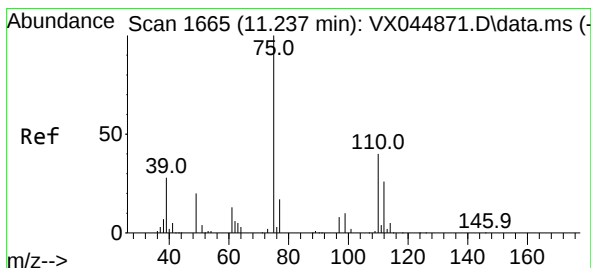
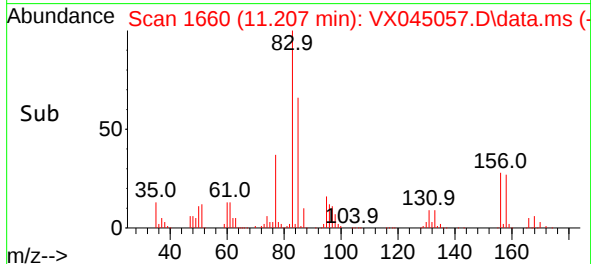
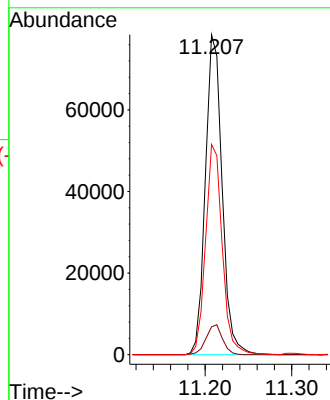
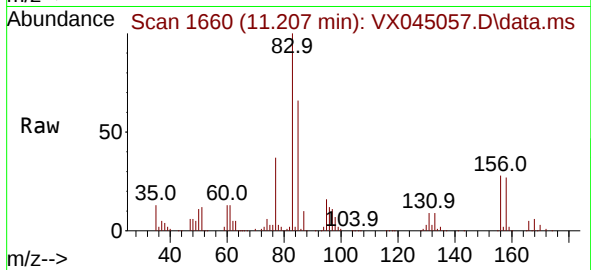




#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.104 ug/l  
RT: 11.207 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

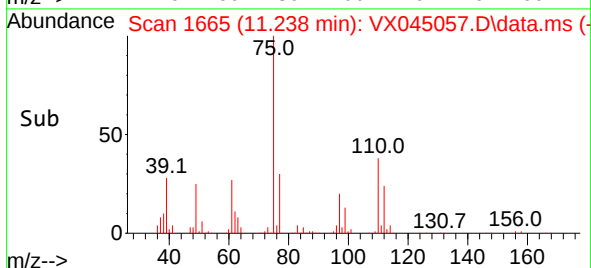
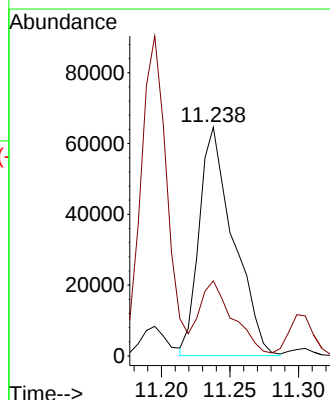
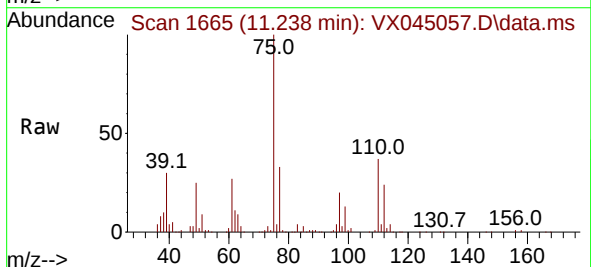
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

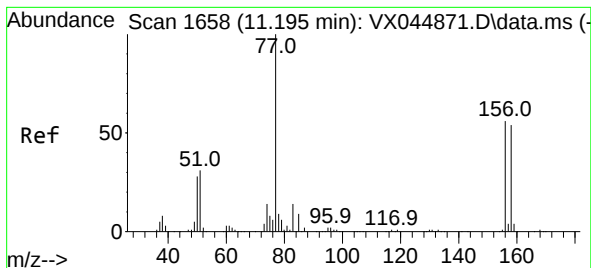
Tgt Ion: 83 Resp: 105253  
Ion Ratio Lower Upper  
83 100  
131 9.2 4.5 13.5  
85 65.4 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 70.798 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 75 Resp: 112443  
Ion Ratio Lower Upper  
75 100  
77 32.4 21.9 65.7





#77

Bromobenzene

Concen: 54.106 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

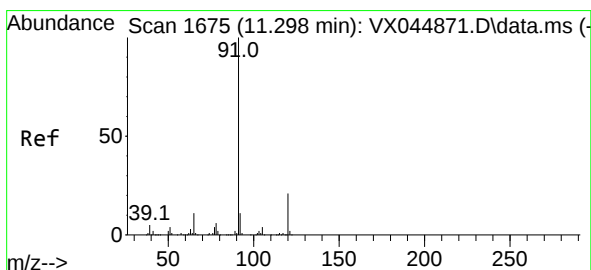
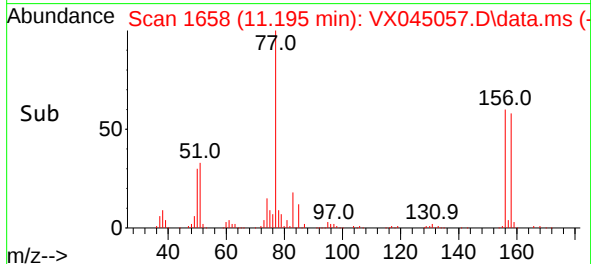
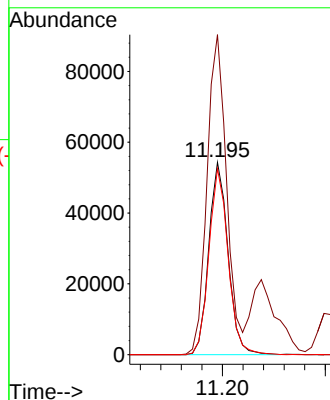
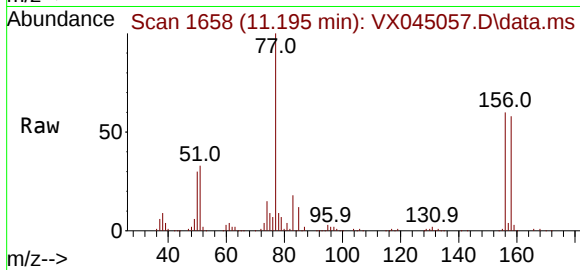
Tgt Ion:156 Resp: 70753

Ion Ratio Lower Upper

156 100

77 168.9 88.4 265.3

158 96.6 48.4 145.2



#78

n-propylbenzene

Concen: 54.482 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX045057.D

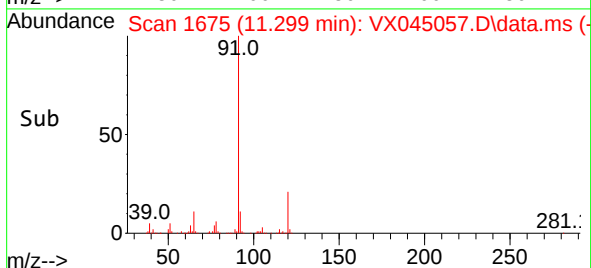
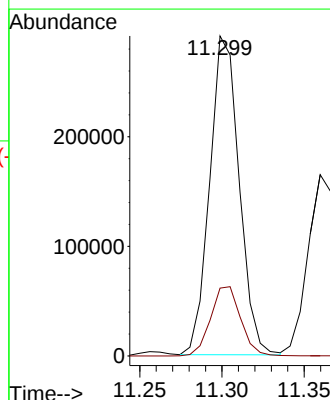
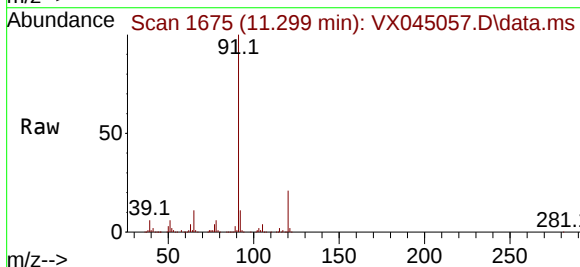
Acq: 27 Feb 2025 10:07

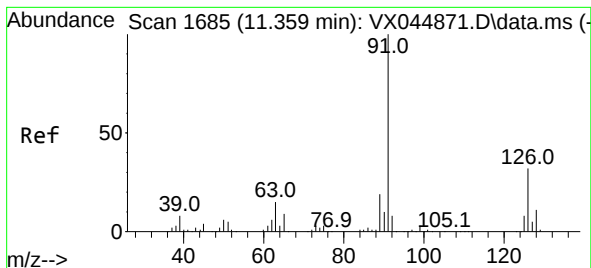
Tgt Ion: 91 Resp: 362711

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 52.352 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

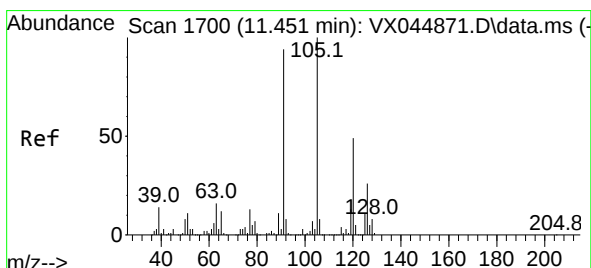
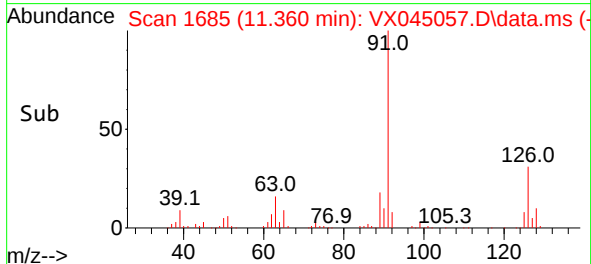
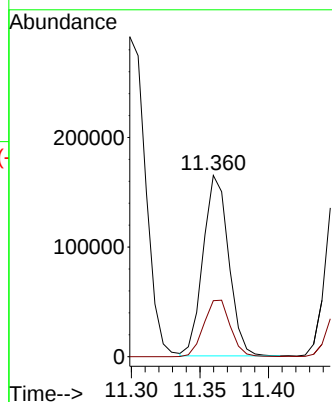
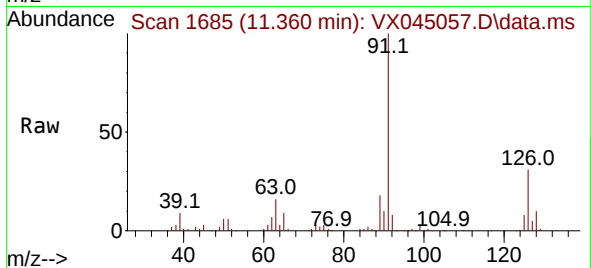
VSTDCCC050

Tgt Ion: 91 Resp: 214205

Ion Ratio Lower Upper

91 100

126 32.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 54.123 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045057.D

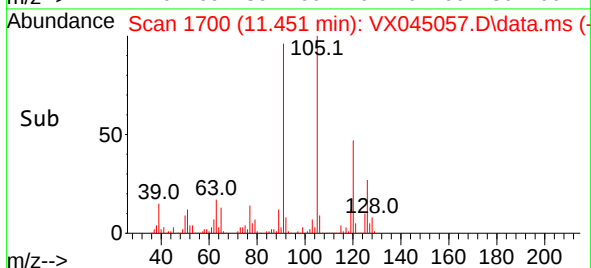
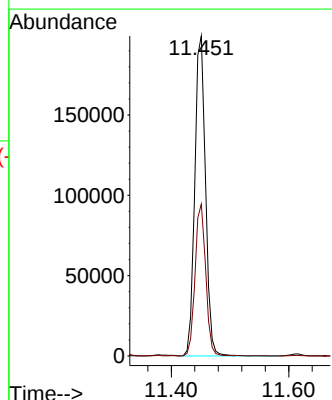
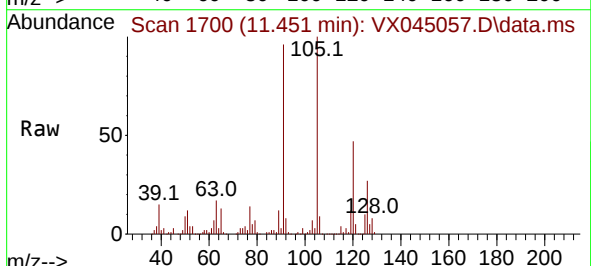
Acq: 27 Feb 2025 10:07

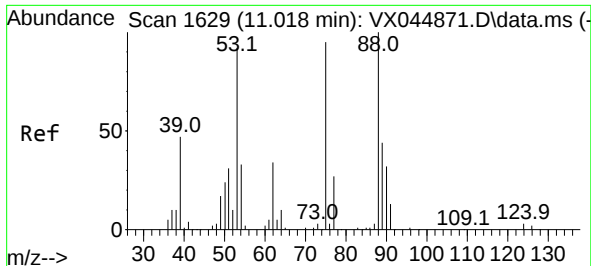
Tgt Ion:105 Resp: 253331

Ion Ratio Lower Upper

105 100

120 47.0 24.0 72.0

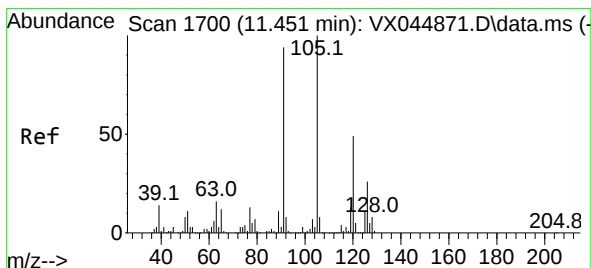
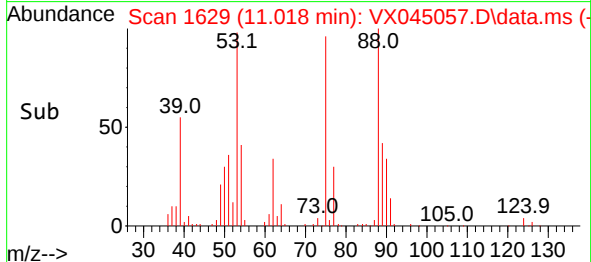
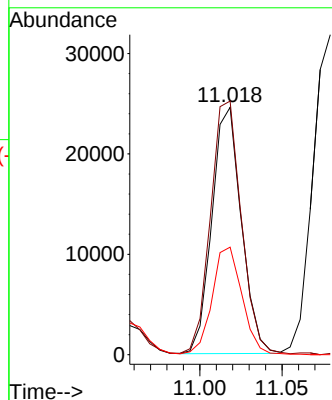
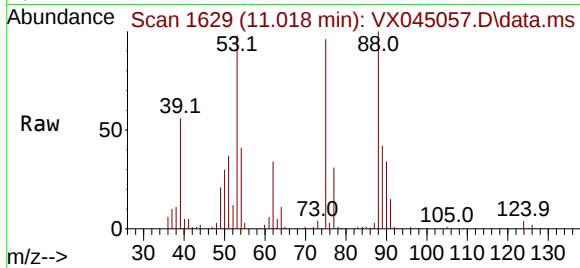




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.568 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

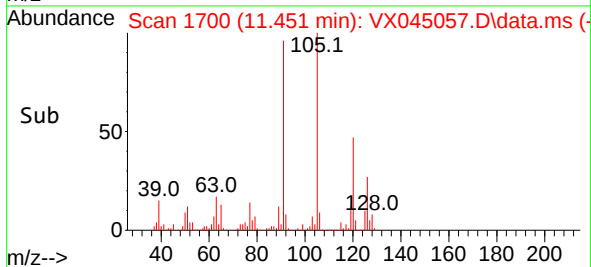
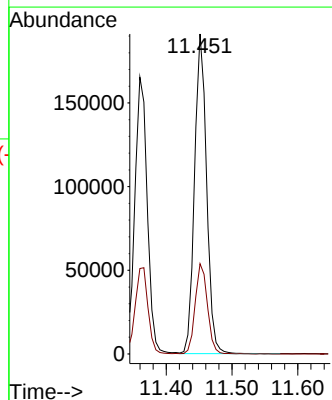
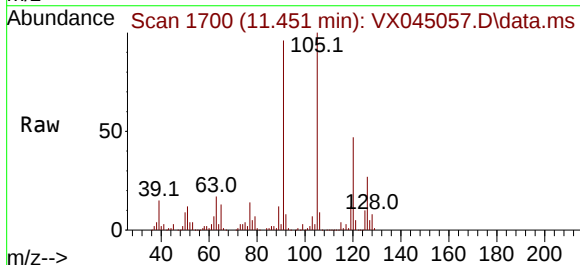
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

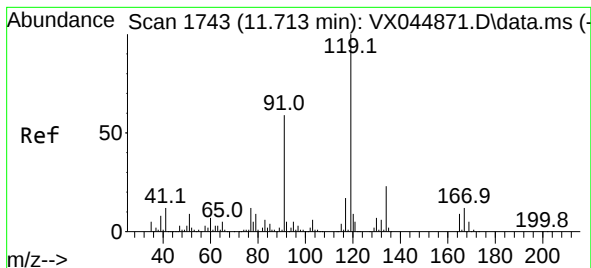
Tgt Ion: 75 Resp: 30604  
Ion Ratio Lower Upper  
75 100  
53 108.3 78.0 117.0  
89 44.4 36.6 54.8



#82  
4-Chlorotoluene  
Concen: 53.187 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 91 Resp: 240764  
Ion Ratio Lower Upper  
91 100  
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 54.032 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

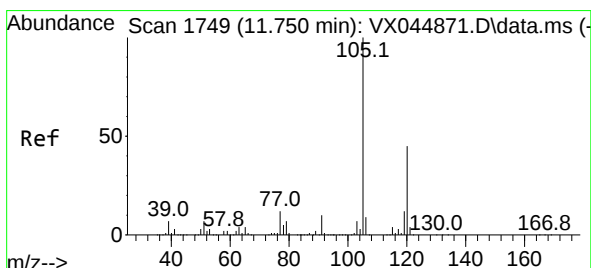
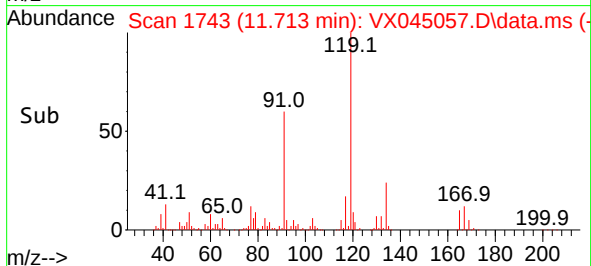
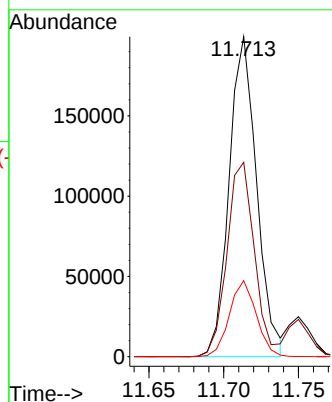
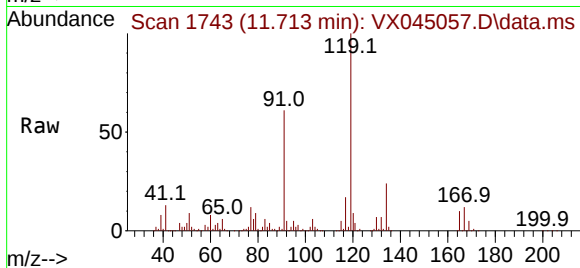
Tgt Ion:119 Resp: 255849

Ion Ratio Lower Upper

119 100

91 59.8 29.1 87.4

134 23.2 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 54.214 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045057.D

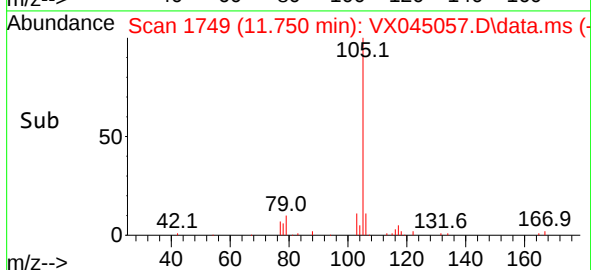
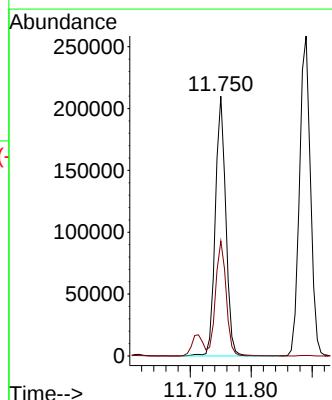
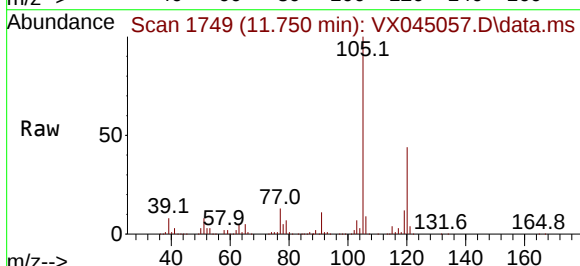
Acq: 27 Feb 2025 10:07

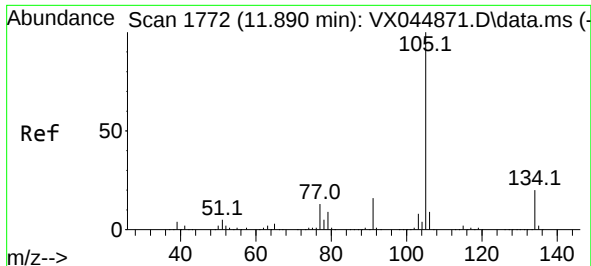
Tgt Ion:105 Resp: 250456

Ion Ratio Lower Upper

105 100

120 44.5 22.4 67.0

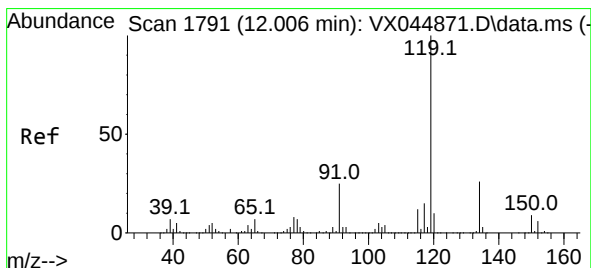
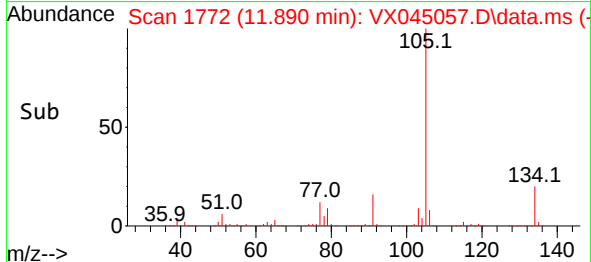
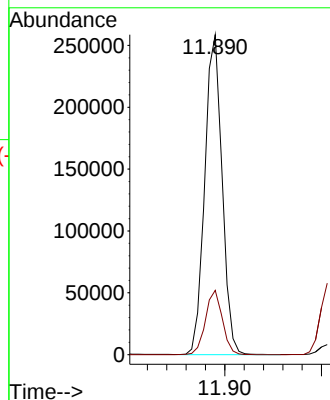
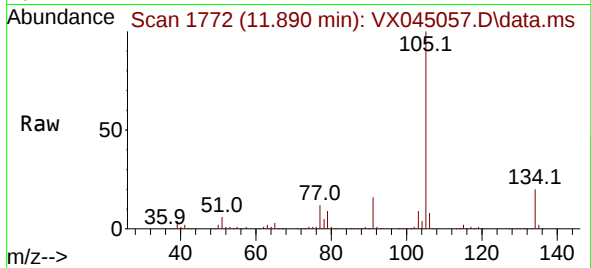




#85  
sec-Butylbenzene  
Concen: 55.065 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

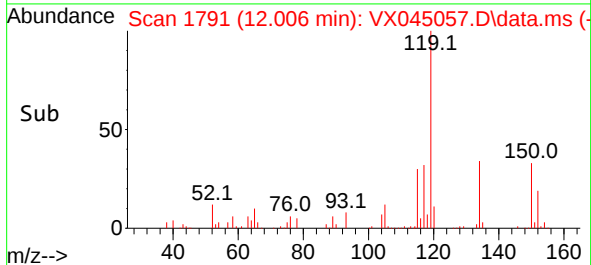
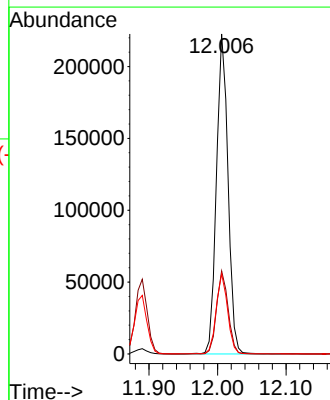
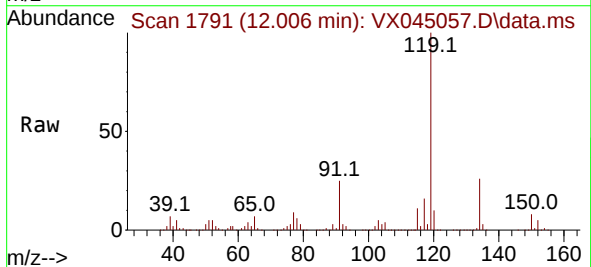
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:105 Resp: 322869  
Ion Ratio Lower Upper  
105 100  
134 19.6 9.8 29.3



#86  
p-Isopropyltoluene  
Concen: 55.211 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion:119 Resp: 260334  
Ion Ratio Lower Upper  
119 100  
134 25.9 13.0 38.9  
91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 52.846 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

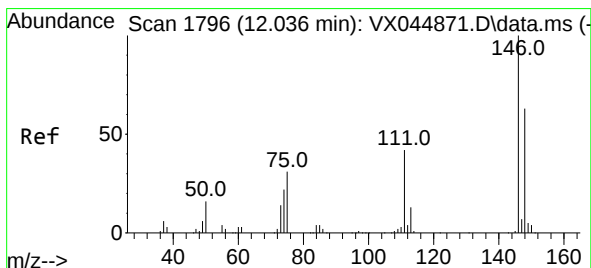
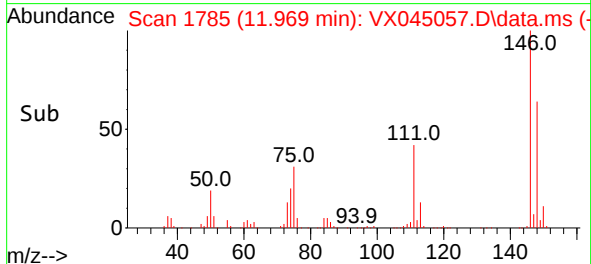
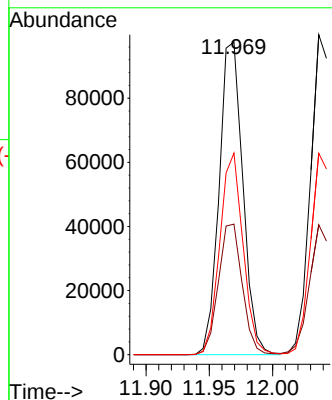
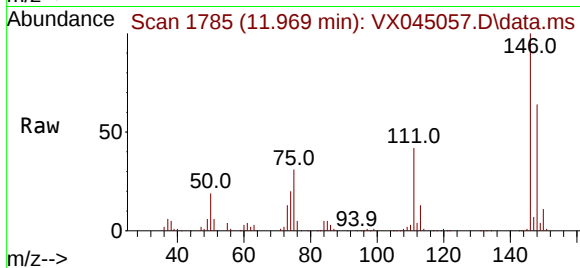
Tgt Ion:146 Resp: 127082

Ion Ratio Lower Upper

146 100

111 41.9 21.2 63.6

148 63.2 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 51.673 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

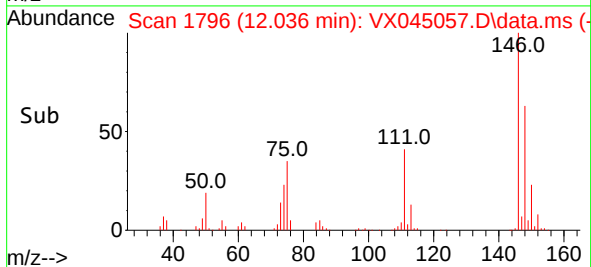
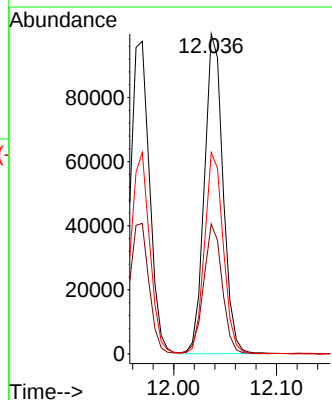
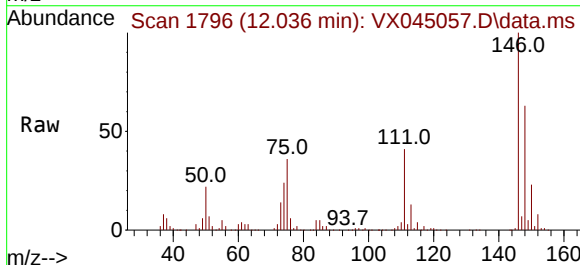
Tgt Ion:146 Resp: 125636

Ion Ratio Lower Upper

146 100

111 40.7 20.4 61.3

148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 56.628 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

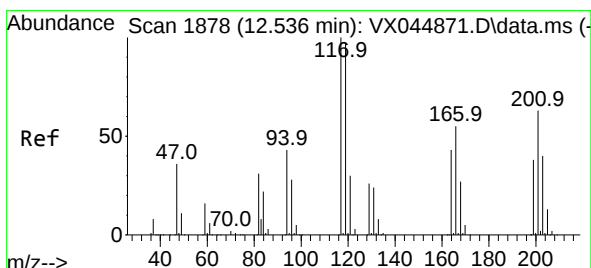
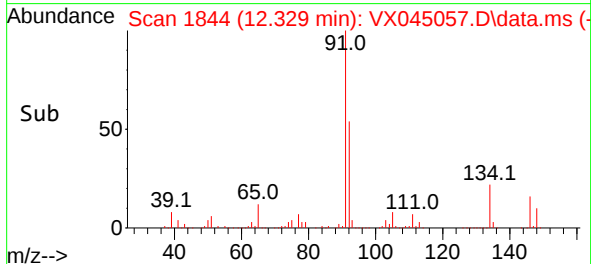
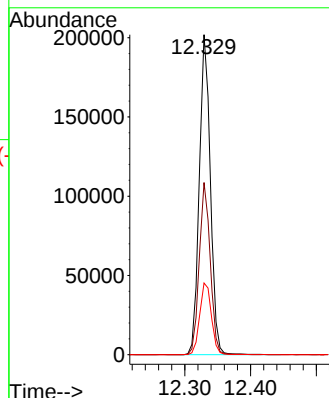
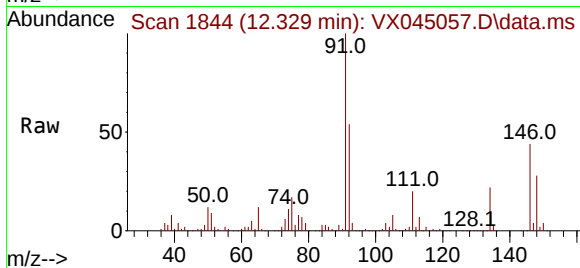
Tgt Ion: 91 Resp: 236227

Ion Ratio Lower Upper

91 100

92 53.5 27.2 81.6

134 23.7 12.1 36.3



#90

Hexachloroethane

Concen: 53.316 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045057.D

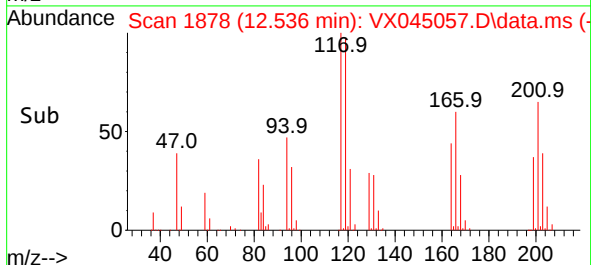
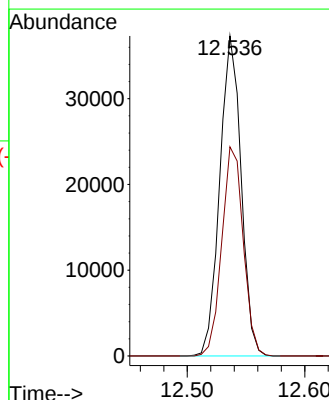
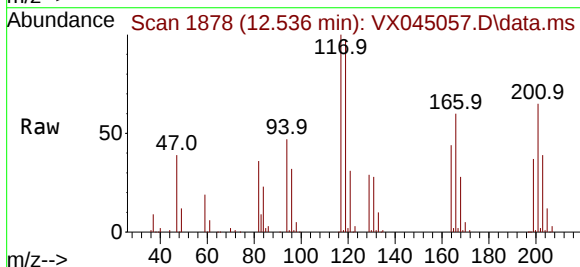
Acq: 27 Feb 2025 10:07

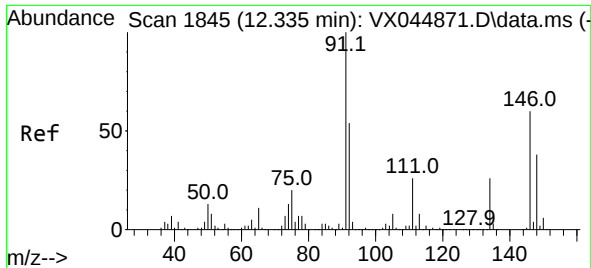
Tgt Ion: 117 Resp: 47073

Ion Ratio Lower Upper

117 100

201 65.8 32.5 97.5

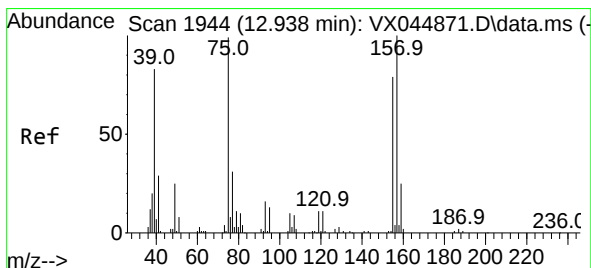
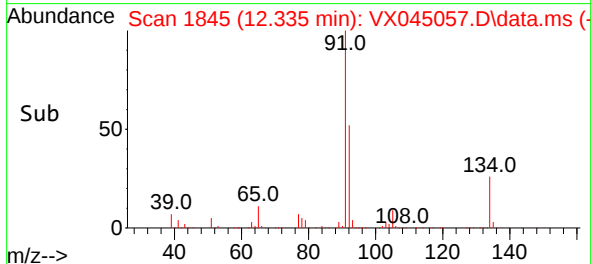
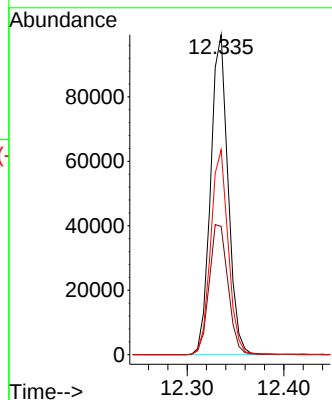
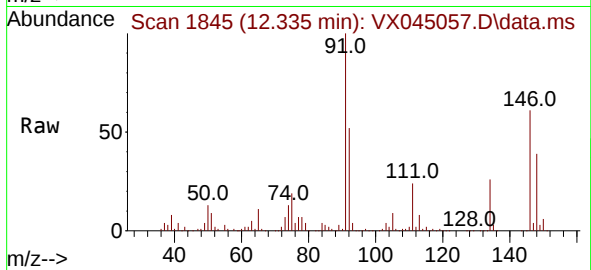




#91  
1,2-Dichlorobenzene  
Concen: 52.695 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

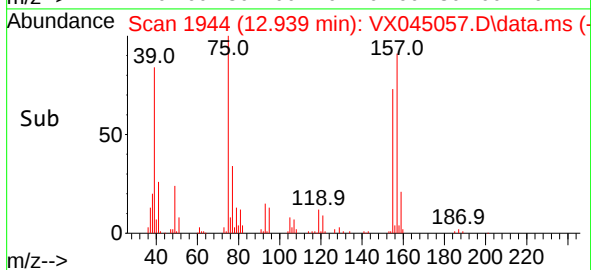
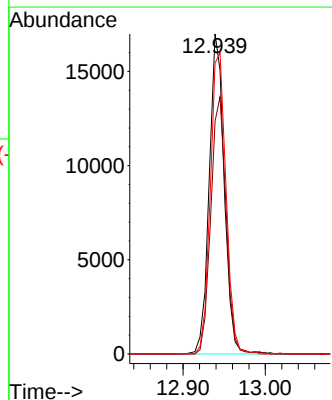
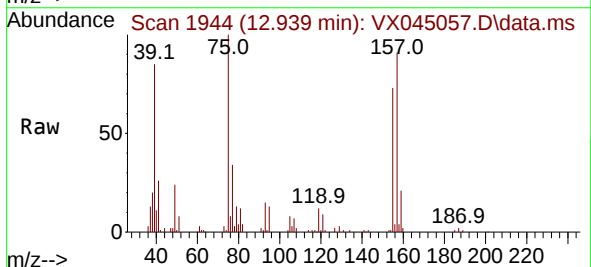
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 124539  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.8 65.4  
148 64.3 31.9 95.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 59.601 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX045057.D  
Acq: 27 Feb 2025 10:07

Tgt Ion: 75 Resp: 21560  
Ion Ratio Lower Upper  
75 100  
155 82.0 40.5 121.4  
157 98.4 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 54.387 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

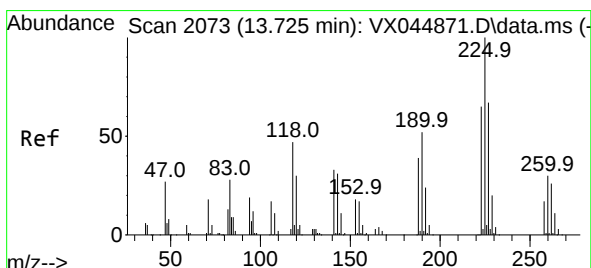
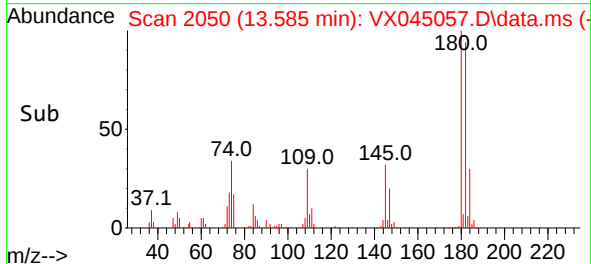
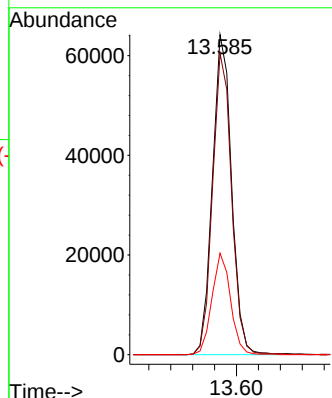
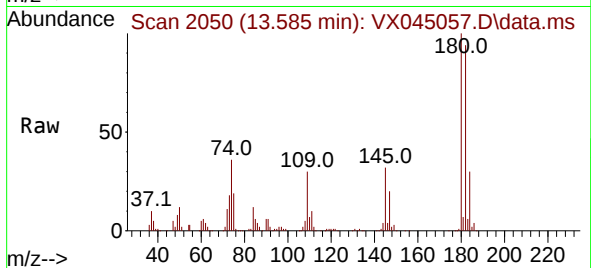
Tgt Ion:180 Resp: 77779

Ion Ratio Lower Upper

180 100

182 93.6 47.6 142.8

145 31.0 16.4 49.1



#94

Hexachlorobutadiene

Concen: 56.793 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

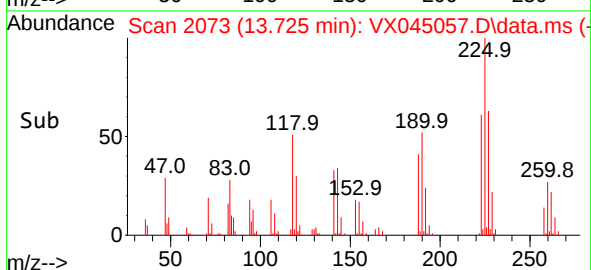
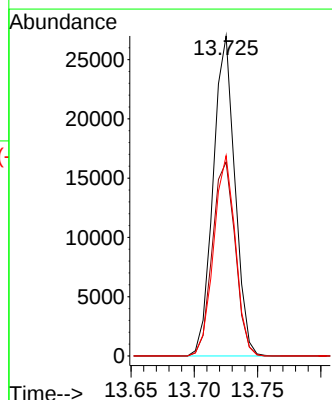
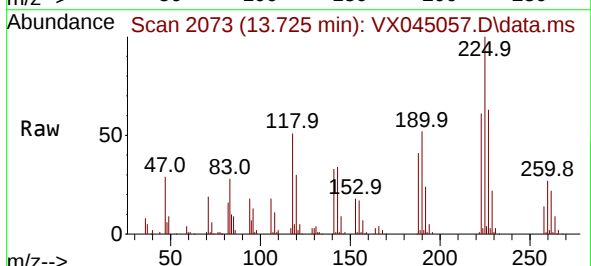
Tgt Ion:225 Resp: 32243

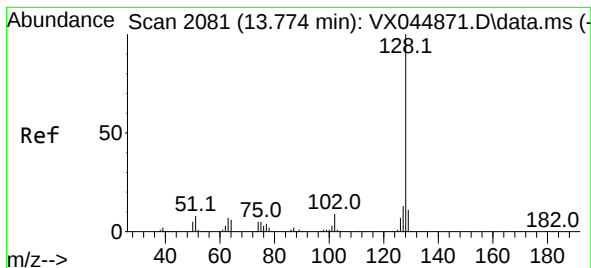
Ion Ratio Lower Upper

225 100

223 63.5 31.4 94.2

227 62.5 32.3 96.8





#95

Naphthalene

Concen: 55.037 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

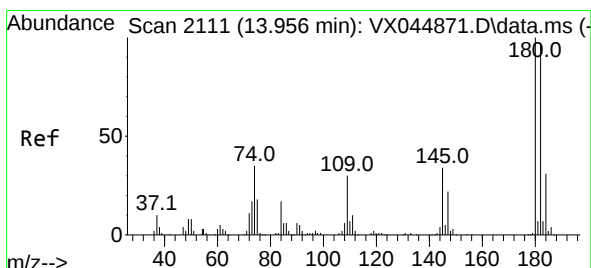
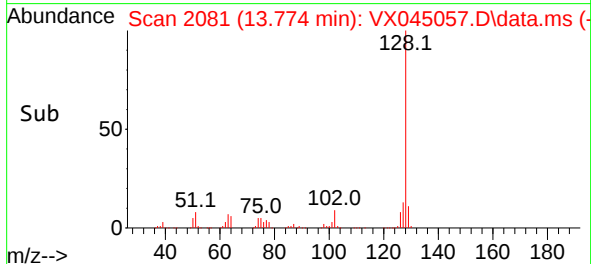
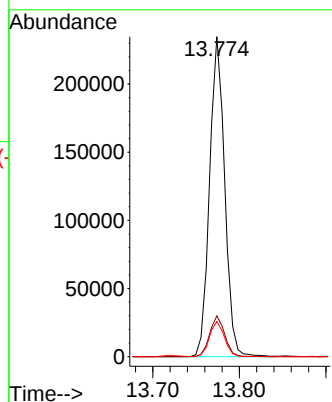
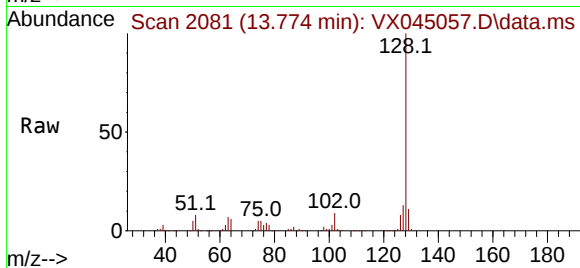
Tgt Ion:128 Resp: 284522

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 54.510 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Tgt Ion:180 Resp: 78551

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.6

145 34.5 17.1 51.3

