

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VW070325\  
 Data File : VW038851.D  
 Acq On : 03 Jul 2025 09:09  
 Operator : SY/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDC0050

Quant Time: Jul 04 03:49:46 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V070225W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 03 02:44:44 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 4.596  | 168  | 524089   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.529  | 114  | 800288   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 8.773  | 117  | 759894   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.172 | 152  | 448570   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 4.937  | 65    | 276730   | 47.114   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 81 - 118 | Recovery | =    | 94.220%  |
| 35) Dibromofluoromethane    | 4.497  | 113   | 255090   | 50.322   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 80 - 119 | Recovery | =    | 100.640% |
| 50) Toluene-d8              | 7.233  | 98    | 818122   | 49.883   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 89 - 112 | Recovery | =    | 99.760%  |
| 62) 4-Bromofluorobenzene    | 9.998  | 95    | 341311   | 51.509   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 85 - 114 | Recovery | =    | 103.020% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.118 | 85  | 241305  | 48.503  | ug/l   | 100 |
| 3) Chloromethane             | 1.227 | 50  | 248691  | 46.307  | ug/l   | 98  |
| 4) Vinyl Chloride            | 1.294 | 62  | 263228  | 46.372  | ug/l   | 100 |
| 5) Bromomethane              | 1.491 | 94  | 173798  | 50.171  | ug/l   | 95  |
| 6) Chloroethane              | 1.558 | 64  | 179028  | 47.045  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 1.725 | 101 | 472373  | 47.035  | ug/l   | 99  |
| 8) Diethyl Ether             | 1.915 | 74  | 158707  | 45.412  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 2.079 | 101 | 281496  | 49.570  | ug/l   | 99  |
| 10) Methyl Iodide            | 2.195 | 142 | 369658  | 51.306  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 2.558 | 59  | 187199  | 244.165 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 2.079 | 96  | 250216  | 46.359  | ug/l   | 98  |
| 13) Acrolein                 | 2.008 | 56  | 55706   | 290.983 | ug/l   | 94  |
| 14) Allyl chloride           | 2.355 | 41  | 353555  | 48.710  | ug/l   | 100 |
| 15) Acrylonitrile            | 2.667 | 53  | 701782  | 261.672 | ug/l   | 100 |
| 16) Acetone                  | 2.114 | 43  | 484043  | 247.291 | ug/l   | 98  |
| 17) Carbon Disulfide         | 2.249 | 76  | 577190  | 46.166  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.375 | 43  | 347578  | 52.077  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 2.706 | 73  | 870794  | 52.182  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.452 | 84  | 297767  | 46.031  | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene | 2.699 | 96  | 263602  | 48.837  | ug/l   | 99  |
| 22) Diisopropyl ether        | 3.207 | 45  | 811853  | 54.557  | ug/l   | 91  |
| 23) Vinyl Acetate            | 3.185 | 43  | 2932330 | 273.271 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 3.117 | 63  | 490955  | 48.941  | ug/l   | 99  |
| 25) 2-Butanone               | 3.854 | 43  | 761697  | 263.145 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 3.809 | 77  | 441683  | 47.505  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 3.818 | 96  | 313515  | 49.842  | ug/l   | 99  |
| 28) Bromochloromethane       | 4.143 | 49  | 204716  | 47.748  | ug/l # | 100 |
| 29) Tetrahydrofuran          | 4.224 | 42  | 524667  | 267.632 | ug/l   | 99  |
| 30) Chloroform               | 4.275 | 83  | 548991  | 50.229  | ug/l   | 98  |
| 31) Cyclohexane              | 4.584 | 56  | 370586  | 46.647  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 4.510 | 97  | 497557  | 49.049  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 4.741 | 75  | 337993  | 54.947  | ug/l   | 99  |
| 37) Ethyl Acetate            | 3.966 | 43  | 316760  | 50.466  | ug/l   | 95  |
| 38) Carbon Tetrachloride     | 4.732 | 117 | 430789  | 53.208  | ug/l   | 99  |
| 39) Methylcyclohexane        | 6.043 | 83  | 418897  | 52.084  | ug/l   | 96  |
| 40) Benzene                  | 5.005 | 78  | 1069353 | 52.647  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VW070325\  
 Data File : VW038851.D  
 Acq On : 03 Jul 2025 09:09  
 Operator : SY/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDC0050

Quant Time: Jul 04 03:49:46 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V070225W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 03 02:44:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.150  | 41   | 156561   | 51.223   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 5.037  | 62   | 380691   | 52.939   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 5.185  | 43   | 523051   | 52.235   | ug/l   | 99       |
| 44) Trichloroethene           | 5.828  | 130  | 275083   | 51.895   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 6.085  | 63   | 263511   | 51.657   | ug/l   | 99       |
| 46) Dibromomethane            | 6.223  | 93   | 211053   | 52.463   | ug/l   | 98       |
| 47) Bromodichloromethane      | 6.423  | 83   | 439368   | 51.580   | ug/l   | 97       |
| 48) Methyl methacrylate       | 6.291  | 41   | 247323   | 51.943   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 6.281  | 88   | 72819    | 1103.360 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 7.143  | 43   | 1780916  | 281.841  | ug/l   | 99       |
| 52) Toluene                   | 7.307  | 92   | 710009   | 55.948   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 7.571  | 75   | 428969   | 52.603   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 6.944  | 75   | 462567   | 55.476   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 7.757  | 97   | 297056   | 53.530   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 7.712  | 69   | 408752   | 55.989   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 7.931  | 76   | 481782   | 55.111   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 6.809  | 63   | 902507   | 272.250  | ug/l   | 100      |
| 59) 2-Hexanone                | 8.059  | 43   | 1240217  | 278.272  | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.165  | 129  | 364702   | 52.196   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.272  | 107  | 318202   | 55.423   | ug/l   | 100      |
| 64) Tetrachloroethene         | 7.895  | 164  | 243453   | 49.821   | ug/l   | 98       |
| 65) Chlorobenzene             | 8.802  | 112  | 818851   | 51.133   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 8.895  | 131  | 310050   | 51.847   | ug/l   | 99       |
| 67) Ethyl Benzene             | 8.934  | 91   | 1361264  | 54.255   | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.063  | 106  | 1101705  | 114.639  | ug/l   | 98       |
| 69) o-Xylene                  | 9.468  | 106  | 510932   | 55.647   | ug/l   | 99       |
| 70) Styrene                   | 9.484  | 104  | 925338   | 57.723   | ug/l   | 99       |
| 71) Bromoform                 | 9.654  | 173  | 258985   | 53.296   | ug/l # | 99       |
| 73) Isopropylbenzene          | 9.854  | 105  | 1427421  | 54.222   | ug/l   | 99       |
| 74) N-amyl acetate            | 9.722  | 43   | 484431   | 52.572   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.165 | 83   | 474445   | 49.713   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.198 | 75   | 356225   | 51.326   | ug/l   | 98       |
| 77) Bromobenzene              | 10.140 | 156  | 350905   | 51.670   | ug/l   | 99       |
| 78) n-propylbenzene           | 10.275 | 91   | 1710528  | 54.599   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.345 | 91   | 1006476  | 52.899   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 10.464 | 105  | 1234619  | 54.850   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 9.927  | 75   | 162108   | 49.719   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 10.461 | 91   | 1202146  | 54.807   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 10.789 | 119  | 1236817  | 52.978   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 10.837 | 105  | 1227211  | 55.627   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.011 | 105  | 1610052  | 54.172   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.165 | 119  | 1377652  | 54.063   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.104 | 146  | 706953   | 51.204   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.198 | 146  | 724993   | 49.835   | ug/l   | 100      |
| 89) n-Butylbenzene            | 11.577 | 91   | 1306797  | 55.334   | ug/l   | 99       |
| 90) Hexachloroethane          | 11.821 | 117  | 269899   | 48.795   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 11.567 | 146  | 671252   | 51.581   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.352 | 75   | 100522   | 49.749   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.185 | 180  | 447126   | 53.007   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.368 | 225  | 201602   | 49.526   | ug/l   | 98       |
| 95) Naphthalene               | 13.422 | 128  | 1450604  | 54.057   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.667 | 180  | 458161   | 52.632   | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV070325\  
Data File : VV038851.D  
Acq On : 03 Jul 2025 09:09  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 2 Sample Multiplier: 1

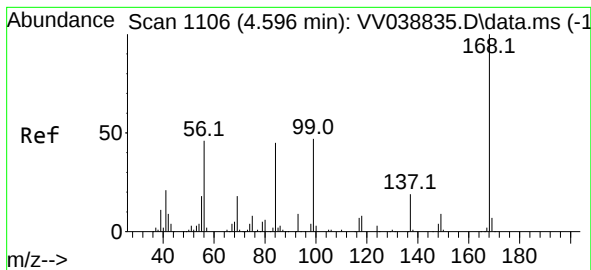
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

Quant Time: Jul 04 03:49:46 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V070225W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 03 02:44:44 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: 4.596 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

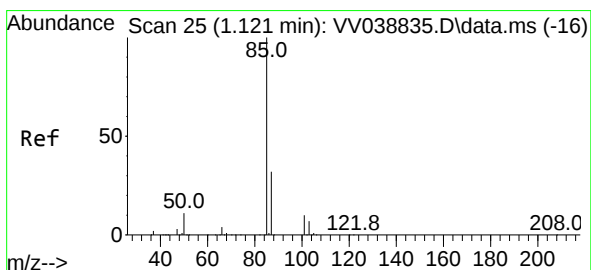
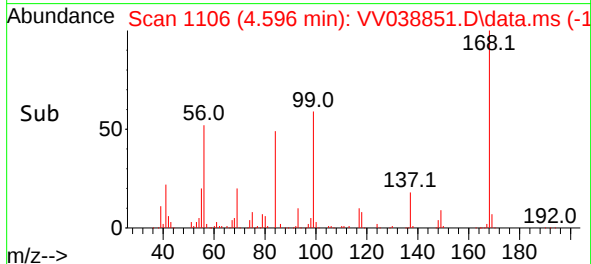
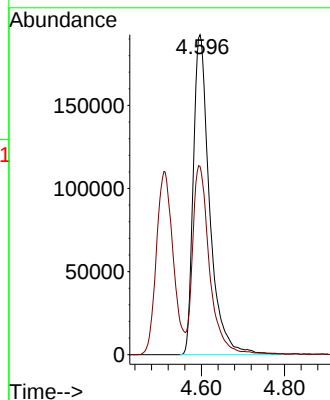
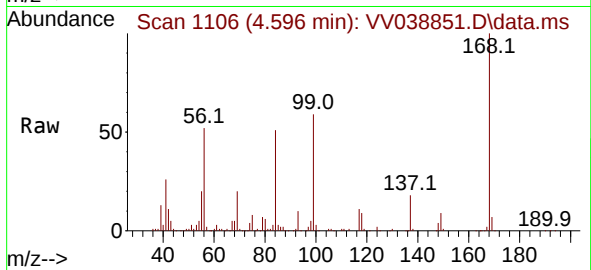
VSTDCCC050

Tgt Ion:168 Resp: 524089

Ion Ratio Lower Upper

168 100

99 58.6 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 48.503 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038851.D

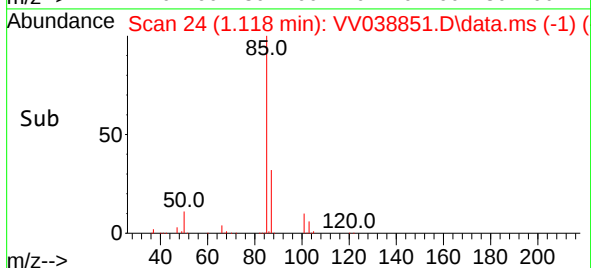
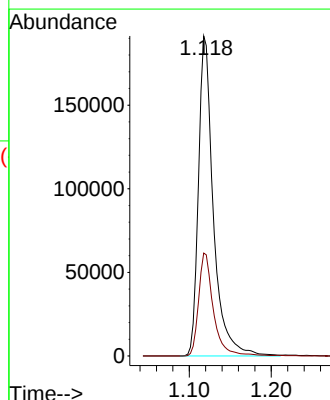
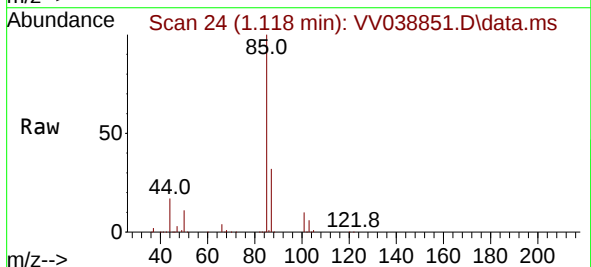
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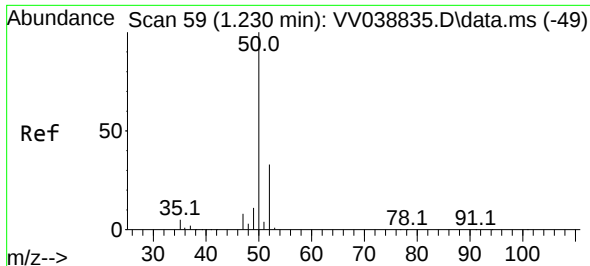
Tgt Ion: 85 Resp: 241305

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3

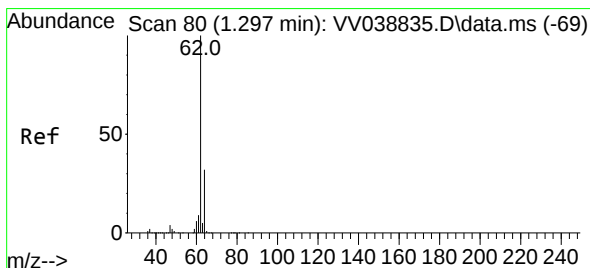
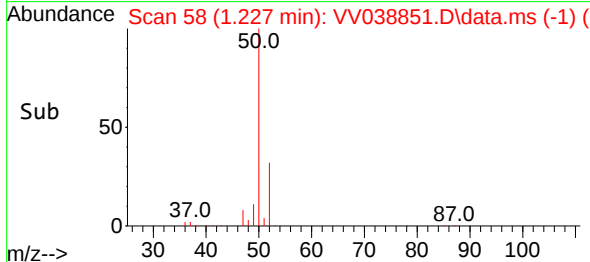
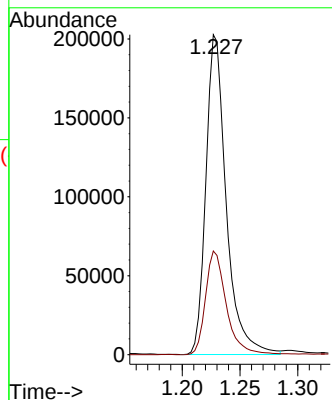
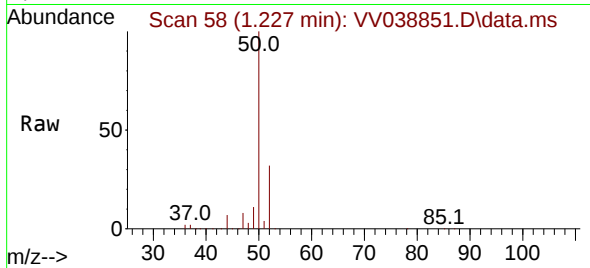




#3  
Chloromethane  
Concen: 46.307 ug/l  
RT: 1.227 min Scan# 50  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

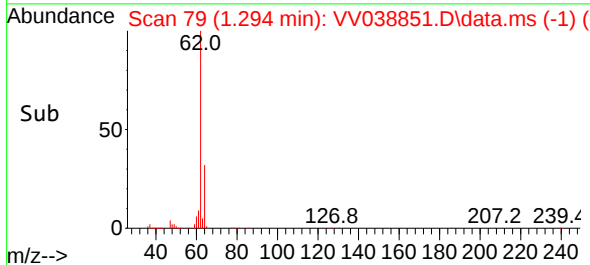
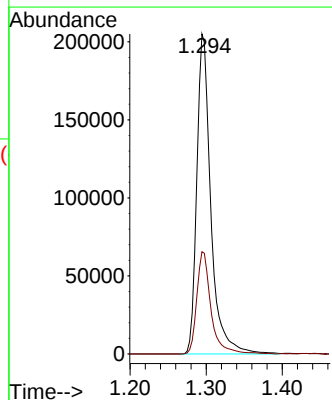
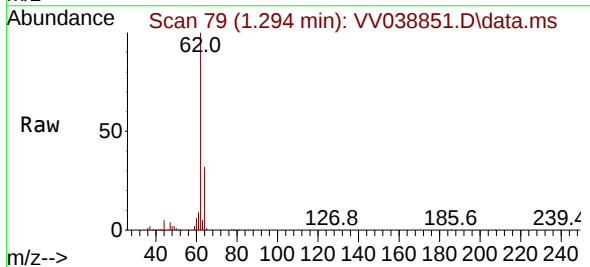
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

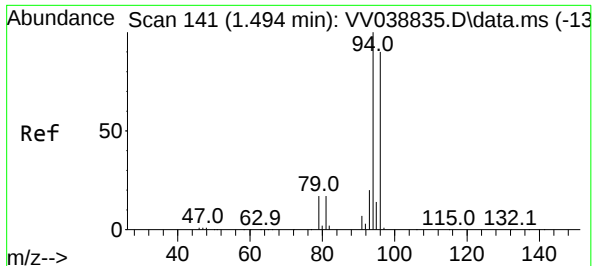
Tgt Ion: 50 Resp: 248691  
Ion Ratio Lower Upper  
50 100  
52 32.4 26.7 40.1



#4  
Vinyl Chloride  
Concen: 46.372 ug/l  
RT: 1.294 min Scan# 79  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 62 Resp: 263228  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.5 38.3

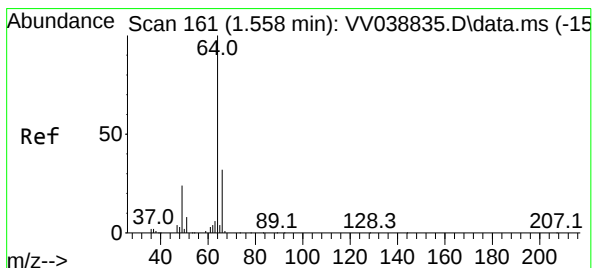
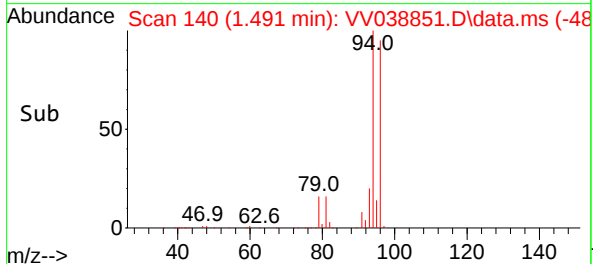
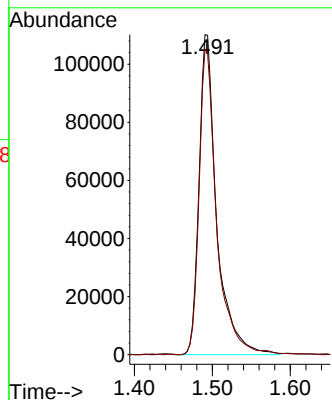
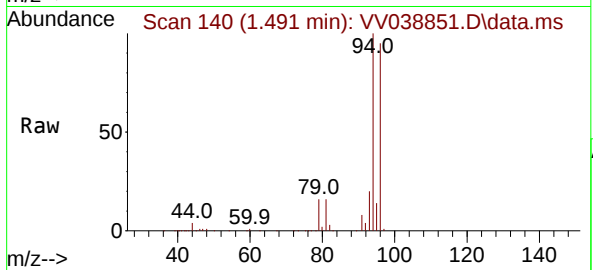




#5  
Bromomethane  
Concen: 50.171 ug/l  
RT: 1.491 min Scan# 141  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

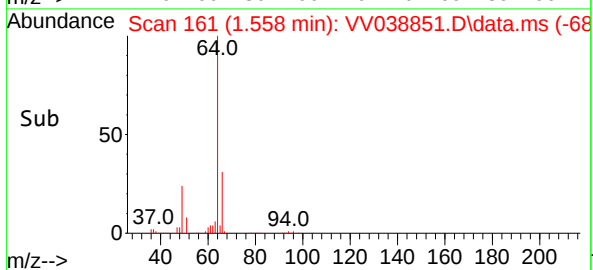
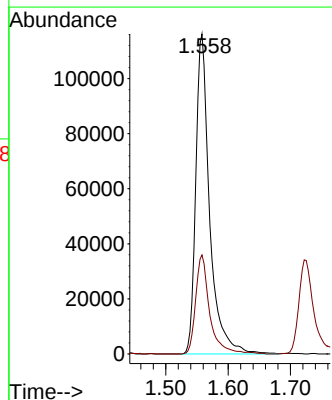
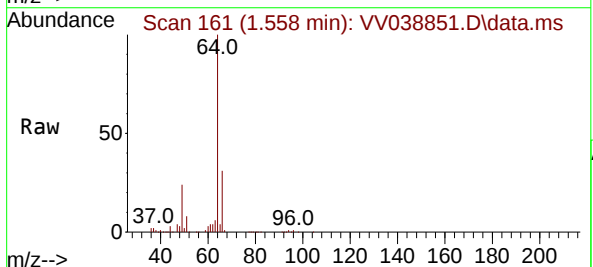
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 94 Resp: 173798  
Ion Ratio Lower Upper  
94 100  
96 95.4 72.2 108.4



#6  
Chloroethane  
Concen: 47.045 ug/l  
RT: 1.558 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 64 Resp: 179028  
Ion Ratio Lower Upper  
64 100  
66 31.0 25.4 38.0

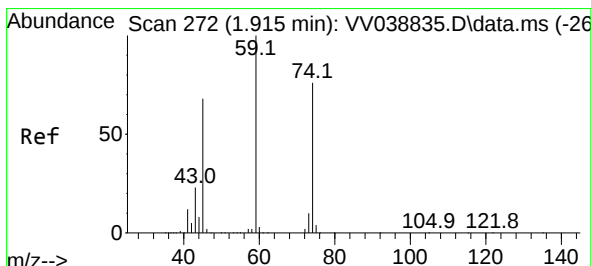
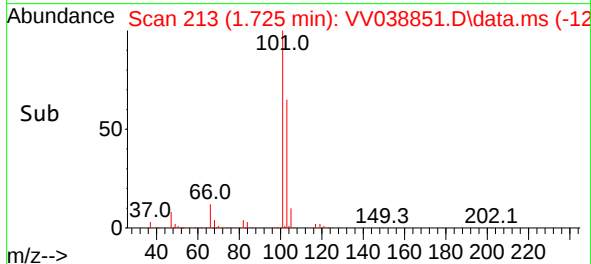
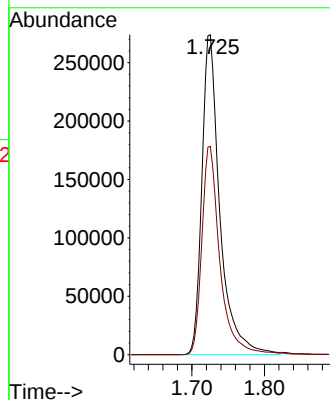
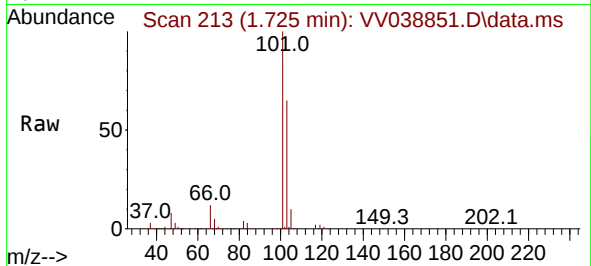




#7  
 Trichlorofluoromethane  
 Concen: 47.035 ug/l  
 RT: 1.725 min Scan# 213  
 Delta R.T. 0.000 min  
 Lab File: VV038851.D  
 Acq: 03 Jul 2025 09:09

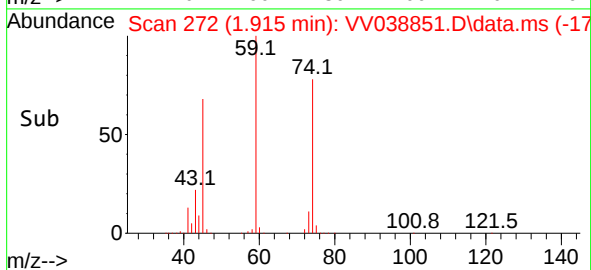
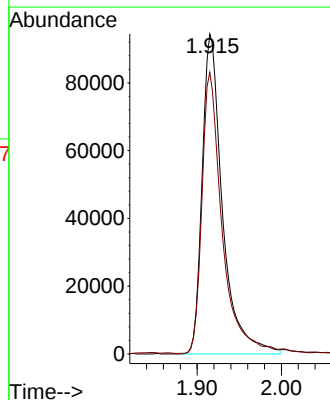
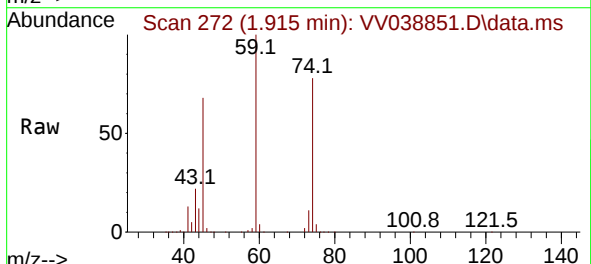
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

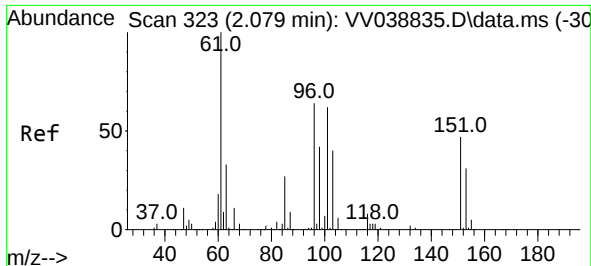
Tgt Ion:101 Resp: 472373  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 52.8 79.2



#8  
 Diethyl Ether  
 Concen: 45.412 ug/l  
 RT: 1.915 min Scan# 272  
 Delta R.T. 0.000 min  
 Lab File: VV038851.D  
 Acq: 03 Jul 2025 09:09

Tgt Ion: 74 Resp: 158707  
 Ion Ratio Lower Upper  
 74 100  
 45 87.0 43.9 131.7

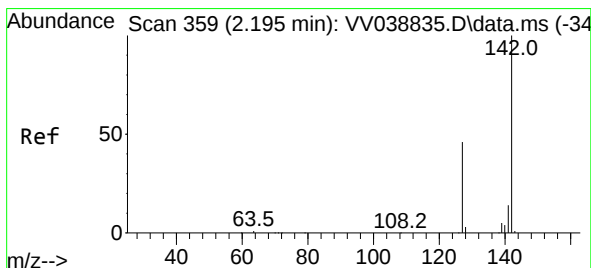
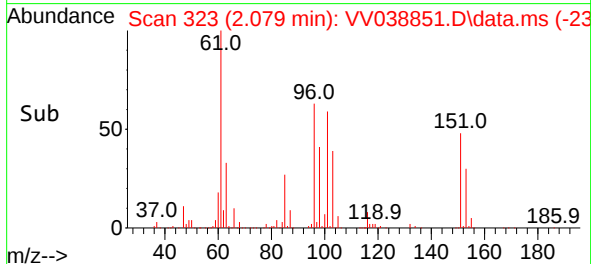
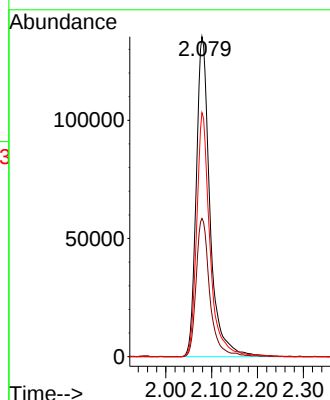
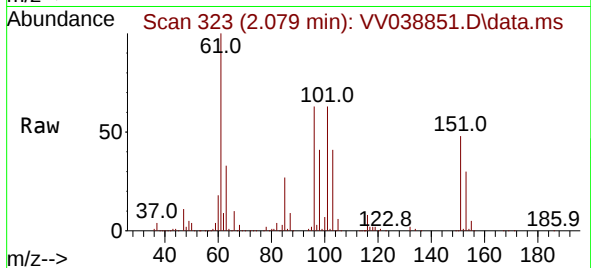




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.570 ug/l  
RT: 2.079 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

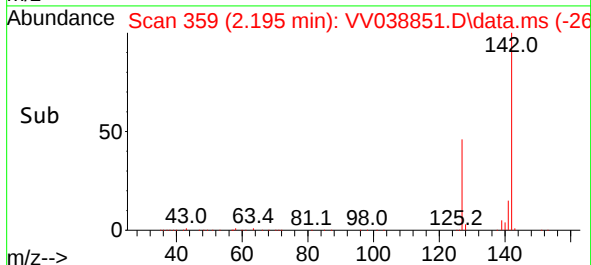
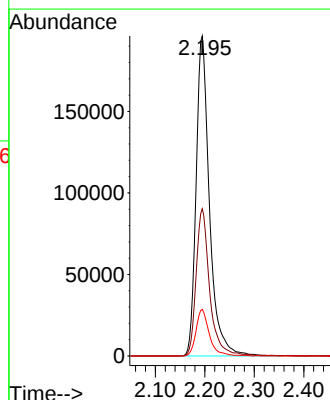
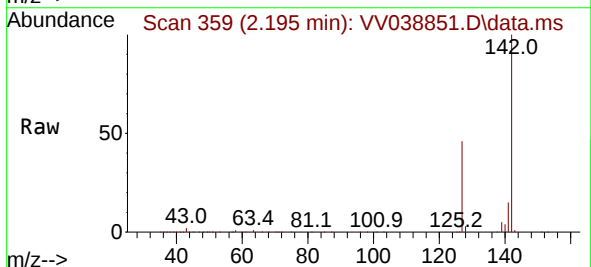
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

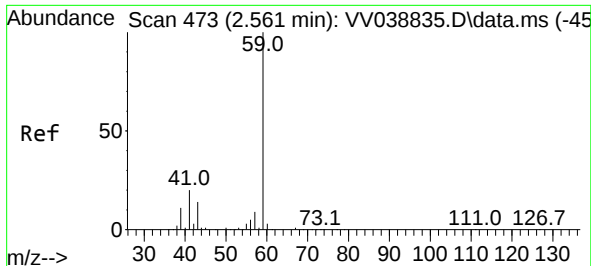
Tgt Ion:101 Resp: 281496  
Ion Ratio Lower Upper  
101 100  
85 43.1 34.6 52.0  
151 73.7 60.4 90.6



#10  
Methyl Iodide  
Concen: 51.306 ug/l  
RT: 2.195 min Scan# 359  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion:142 Resp: 369658  
Ion Ratio Lower Upper  
142 100  
127 46.6 36.9 55.3  
141 14.4 11.8 17.8

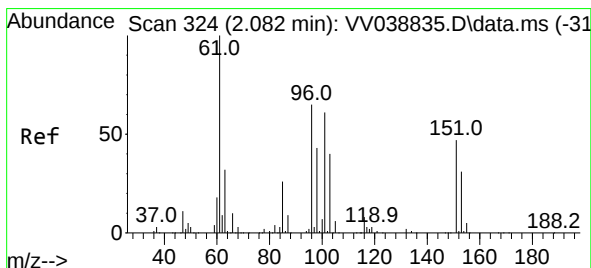
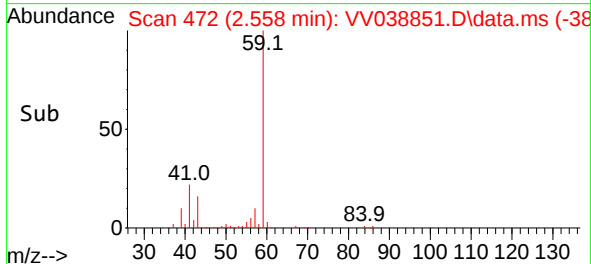
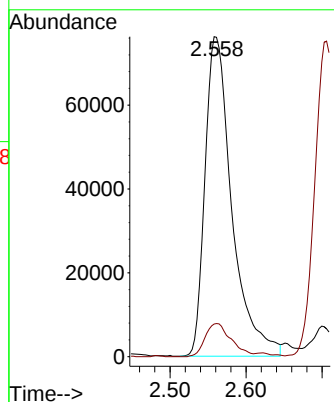
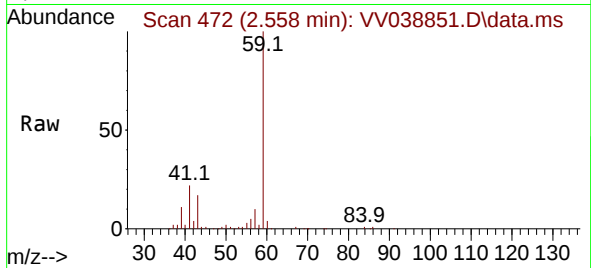




#11  
Tert butyl alcohol  
Concen: 244.165 ug/l  
RT: 2.558 min Scan# 411  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

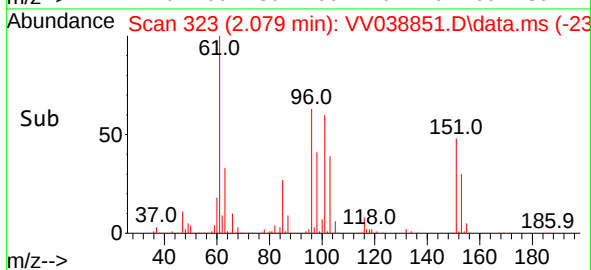
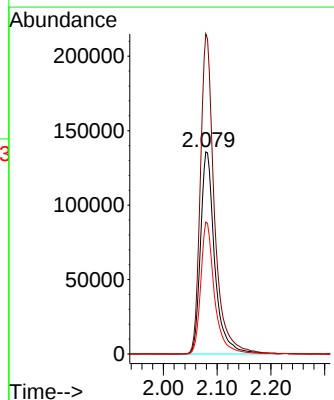
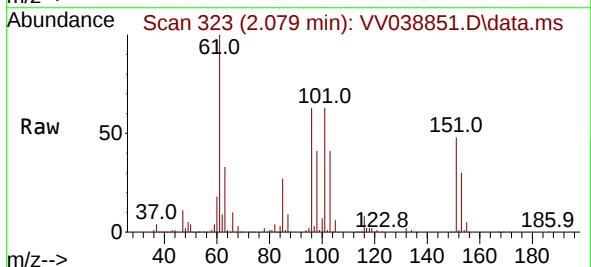
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

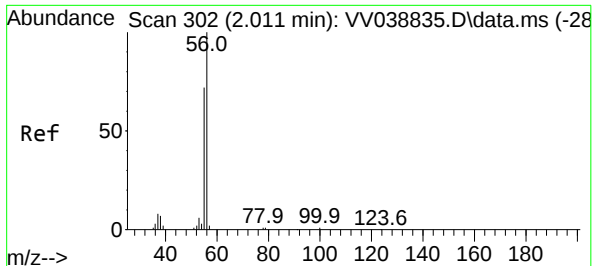
Tgt Ion: 59 Resp: 187199  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 46.359 ug/l  
RT: 2.079 min Scan# 323  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 96 Resp: 250216  
Ion Ratio Lower Upper  
96 100  
61 158.3 123.5 185.3  
98 65.3 52.5 78.7

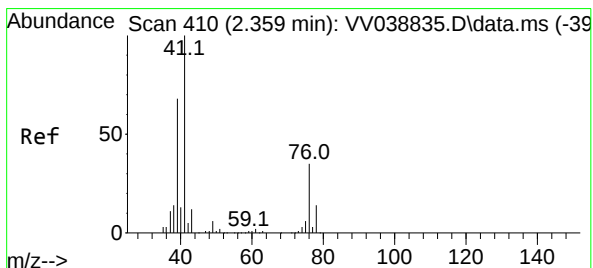
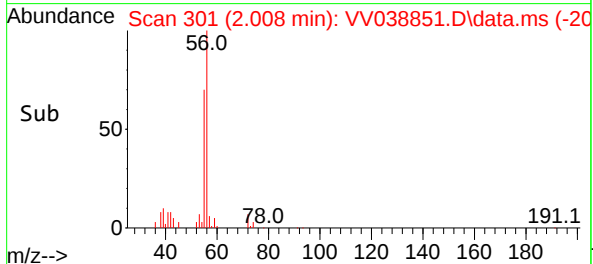
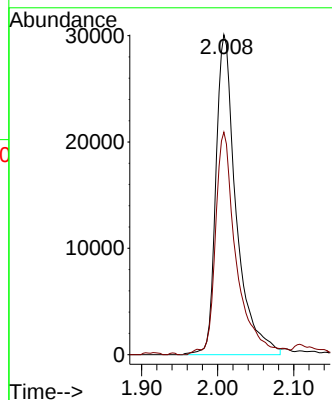
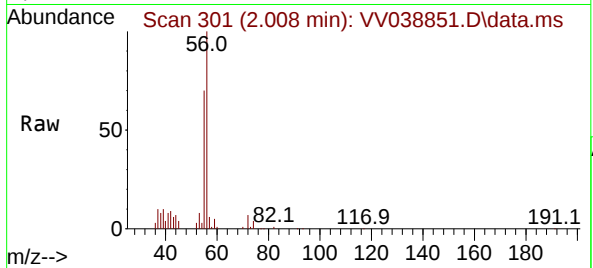




#13  
Acrolein  
Concen: 290.983 ug/l  
RT: 2.008 min Scan# 301  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

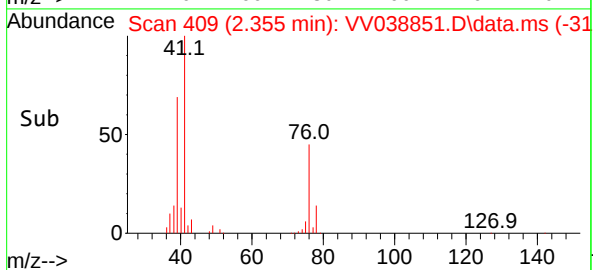
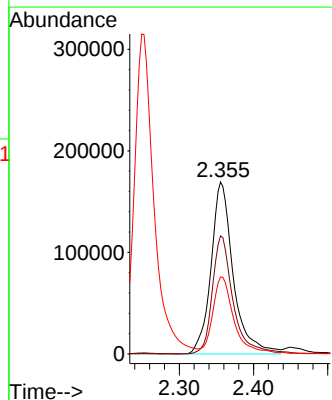
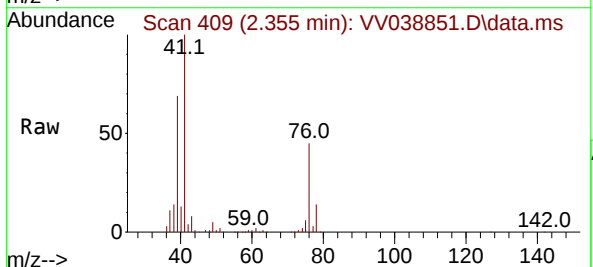
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

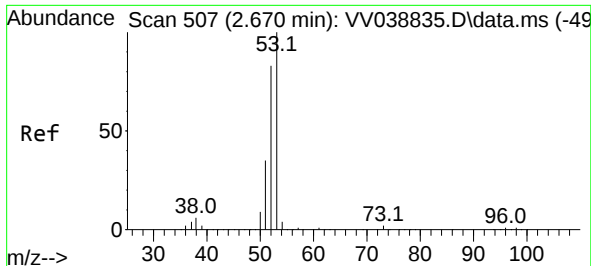
Tgt Ion: 56 Resp: 55706  
Ion Ratio Lower Upper  
56 100  
55 71.6 53.4 80.2



#14  
Allyl chloride  
Concen: 48.710 ug/l  
RT: 2.355 min Scan# 409  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 41 Resp: 353555  
Ion Ratio Lower Upper  
41 100  
39 64.1 51.0 76.4  
76 42.3 33.6 50.4

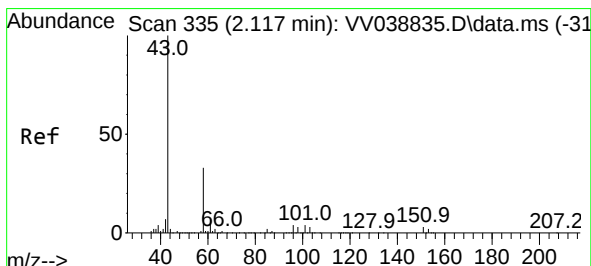
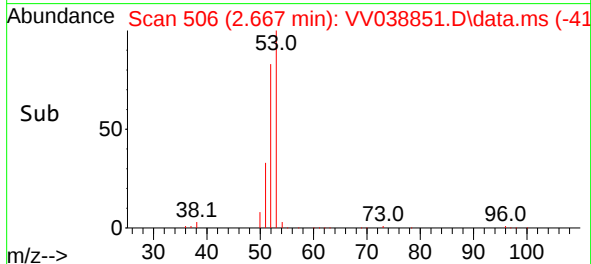
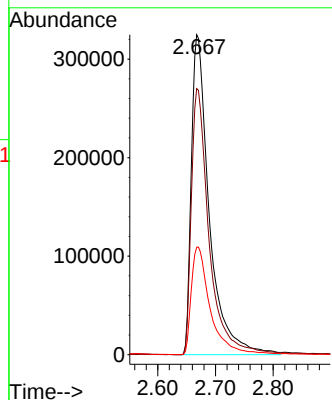
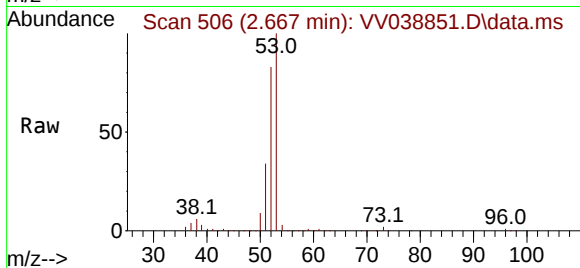




#15  
Acrylonitrile  
Concen: 261.672 ug/l  
RT: 2.667 min Scan# 507  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

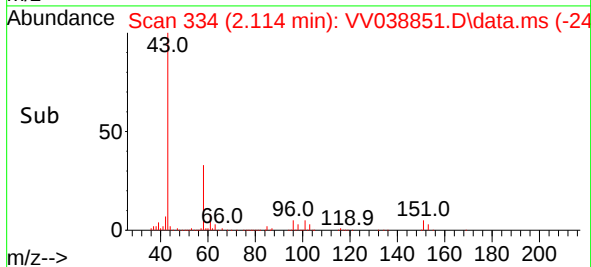
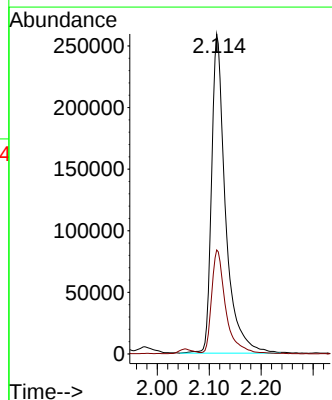
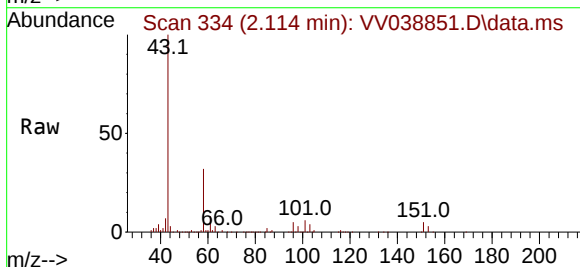
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

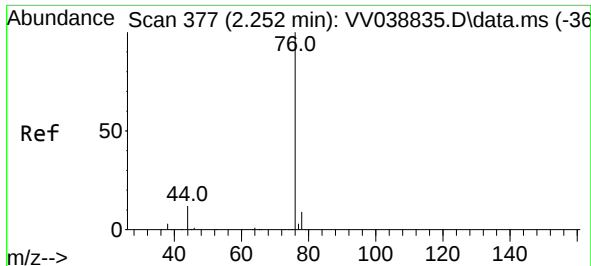
Tgt Ion: 53 Resp: 701782  
Ion Ratio Lower Upper  
53 100  
52 82.3 65.8 98.6  
51 35.5 28.5 42.7



#16  
Acetone  
Concen: 247.291 ug/l  
RT: 2.114 min Scan# 334  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 43 Resp: 484043  
Ion Ratio Lower Upper  
43 100  
58 32.4 27.0 40.4

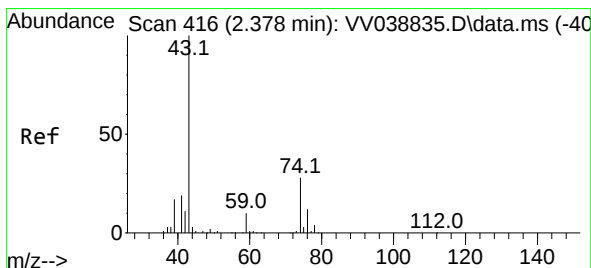
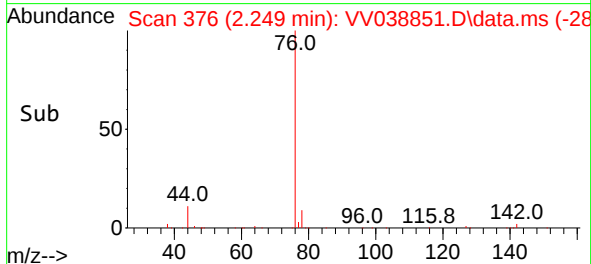
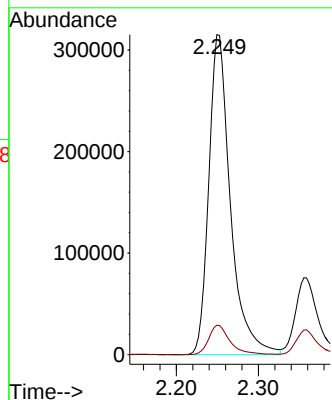
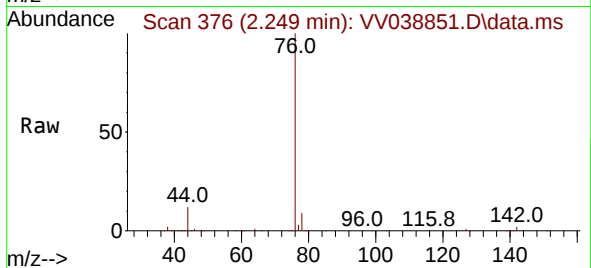




#17  
Carbon Disulfide  
Concen: 46.166 ug/l  
RT: 2.249 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

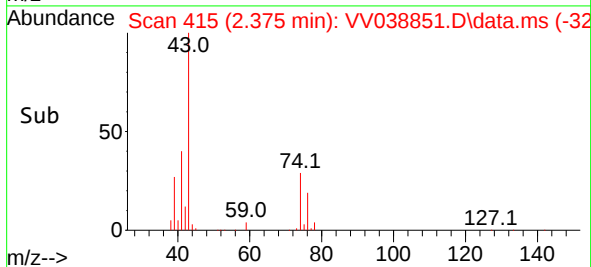
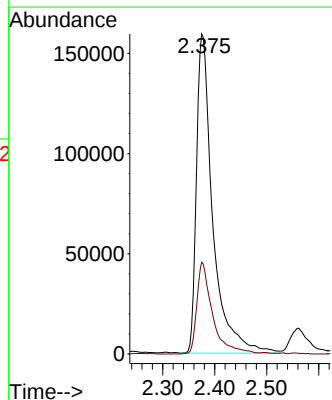
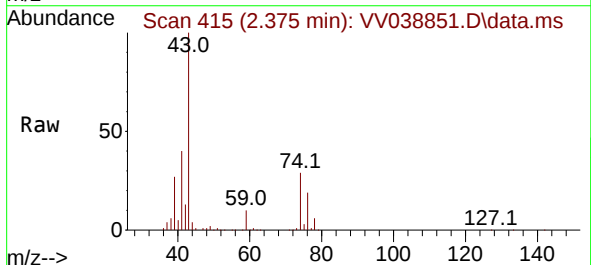
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

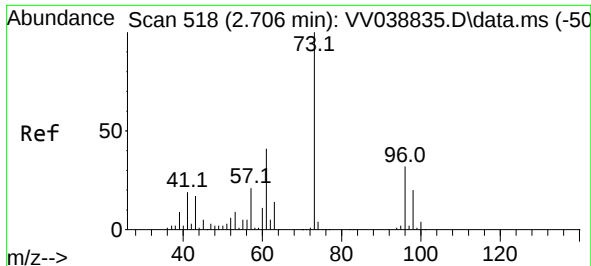
Tgt Ion: 76 Resp: 577190  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.5 11.3



#18  
Methyl Acetate  
Concen: 52.077 ug/l  
RT: 2.375 min Scan# 415  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 43 Resp: 347578  
Ion Ratio Lower Upper  
43 100  
74 27.6 21.4 32.0

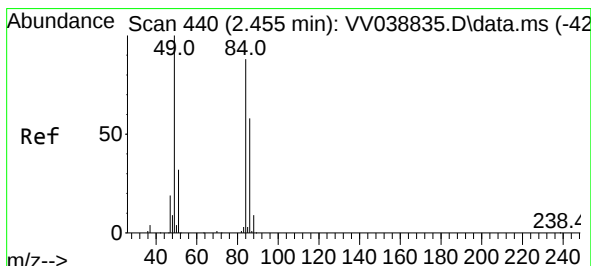
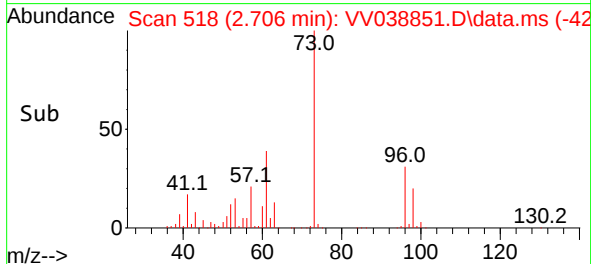
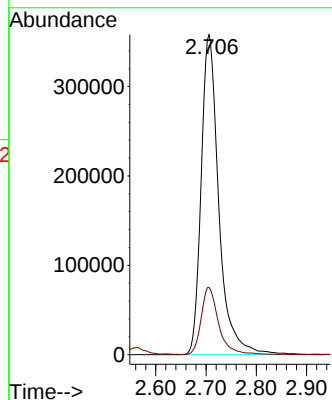
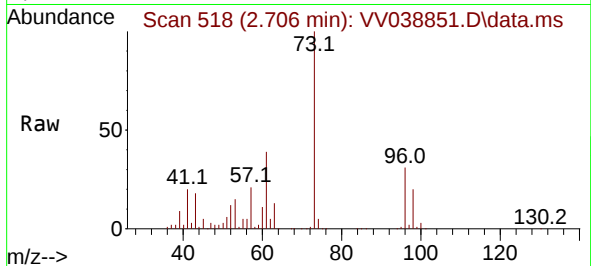




#19  
Methyl tert-butyl Ether  
Concen: 52.182 ug/l  
RT: 2.706 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

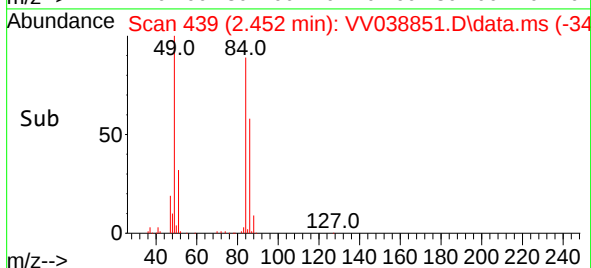
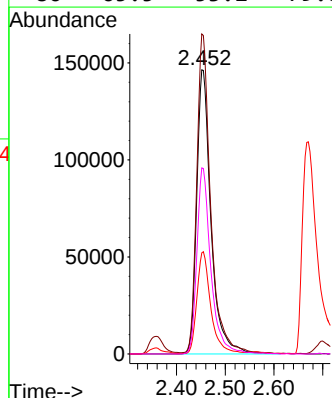
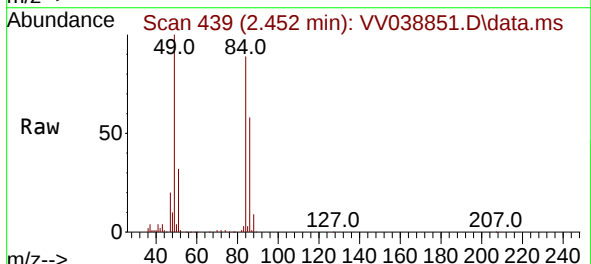
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

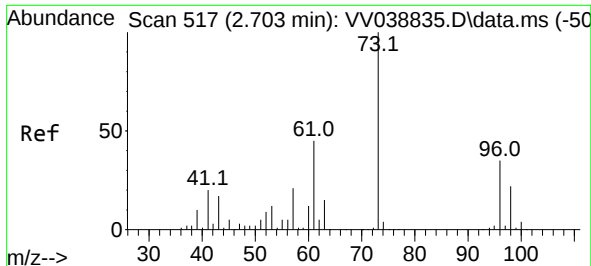
Tgt Ion: 73 Resp: 870794  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.0 25.4



#20  
Methylene Chloride  
Concen: 46.031 ug/l  
RT: 2.452 min Scan# 439  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 84 Resp: 297767  
Ion Ratio Lower Upper  
84 100  
49 112.5 91.0 136.4  
51 35.5 29.4 44.2  
86 65.5 53.2 79.8

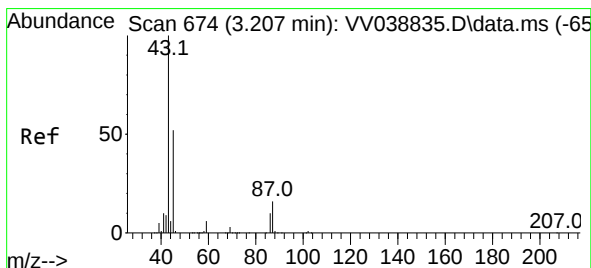
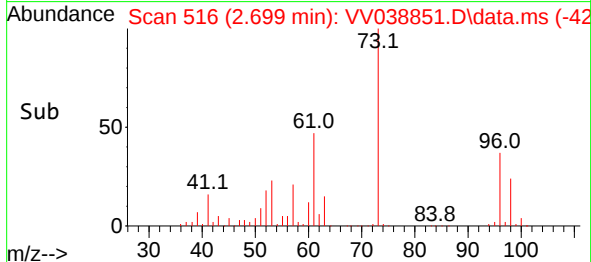
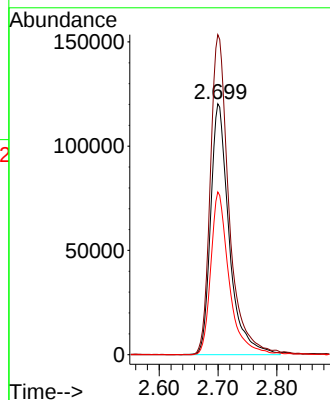
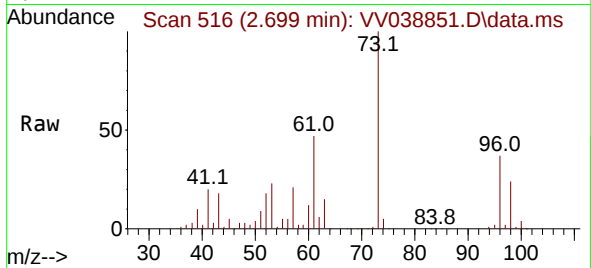




#21  
trans-1,2-Dichloroethene  
Concen: 48.837 ug/l  
RT: 2.699 min Scan# 517  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

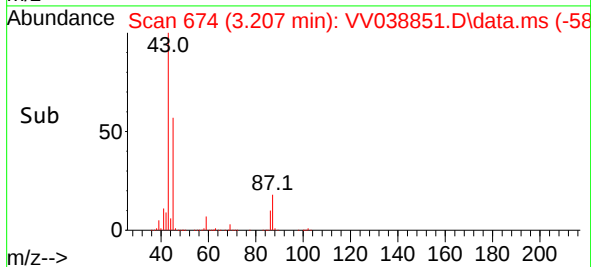
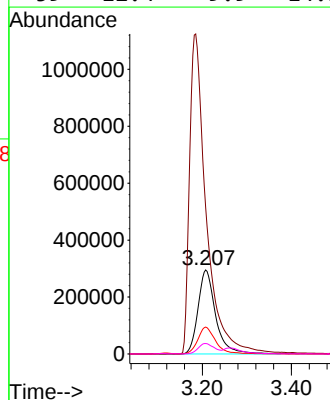
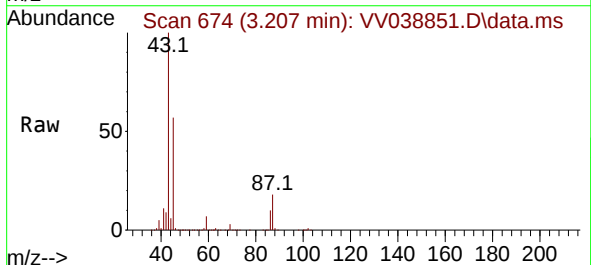
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

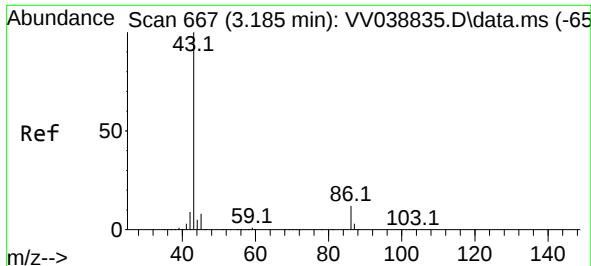
Tgt Ion: 96 Resp: 263602  
Ion Ratio Lower Upper  
96 100  
61 127.6 102.8 154.2  
98 64.9 50.9 76.3



#22  
Diisopropyl ether  
Concen: 54.557 ug/l  
RT: 3.207 min Scan# 674  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 45 Resp: 811853  
Ion Ratio Lower Upper  
45 100  
43 174.7 153.1 229.7  
87 31.7 25.2 37.8  
59 12.4 9.9 14.9

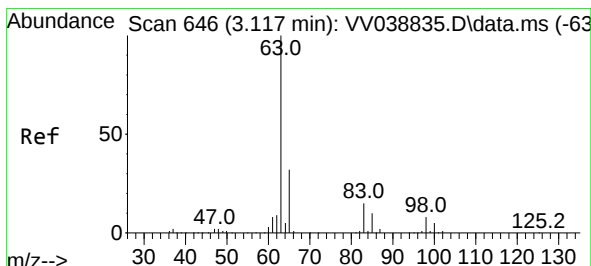
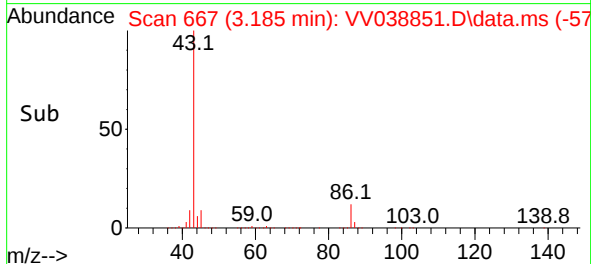
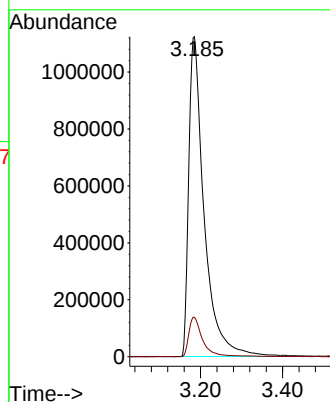
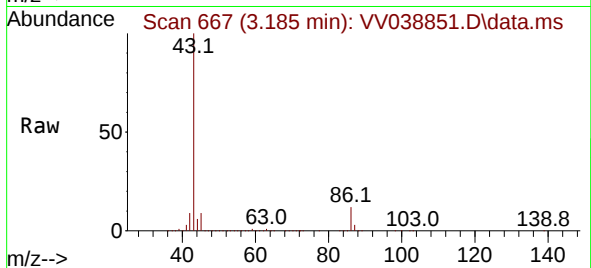




#23  
 Vinyl Acetate  
 Concen: 273.271 ug/l  
 RT: 3.185 min Scan# 667  
 Delta R.T. 0.000 min  
 Lab File: VV038851.D  
 Acq: 03 Jul 2025 09:09

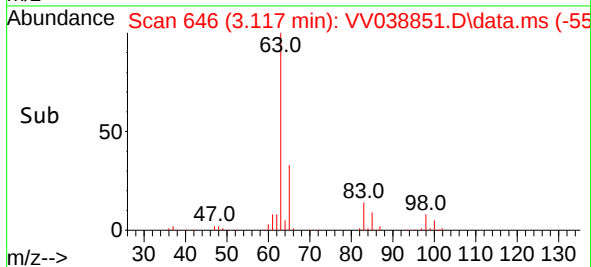
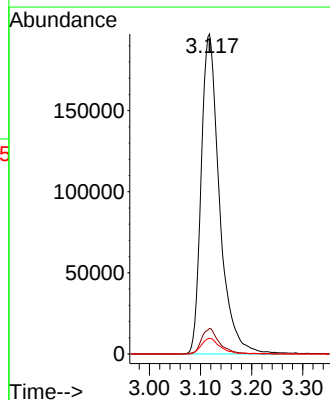
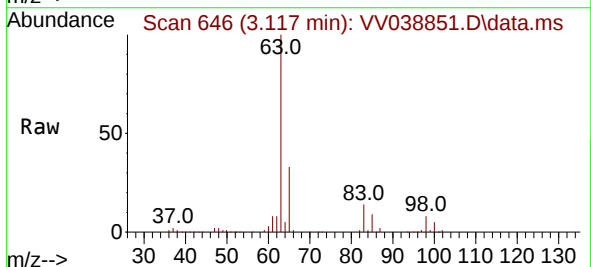
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

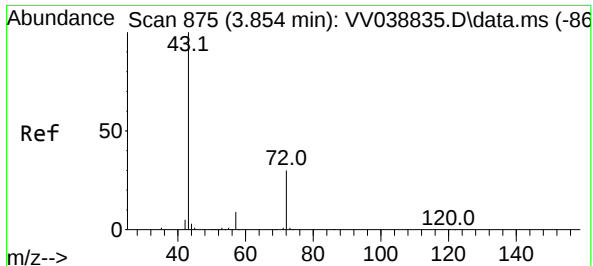
Tgt Ion: 43 Resp: 2932330  
 Ion Ratio Lower Upper  
 43 100  
 86 12.3 9.9 14.9



#24  
 1,1-Dichloroethane  
 Concen: 48.941 ug/l  
 RT: 3.117 min Scan# 646  
 Delta R.T. 0.000 min  
 Lab File: VV038851.D  
 Acq: 03 Jul 2025 09:09

Tgt Ion: 63 Resp: 490955  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 4.1 12.3  
 100 4.9 2.4 7.2

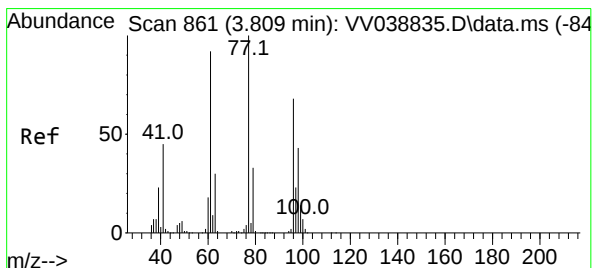
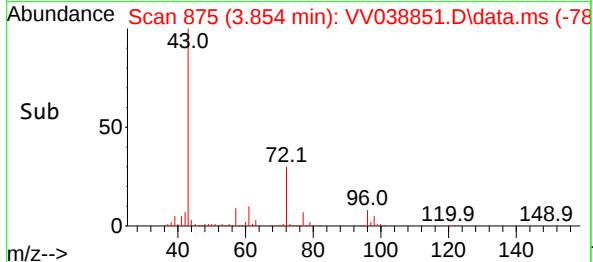
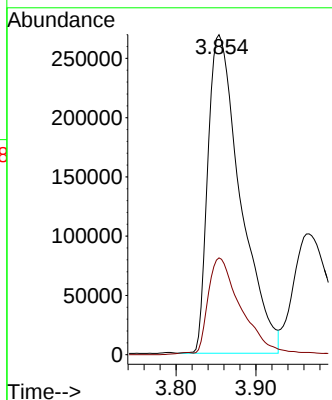
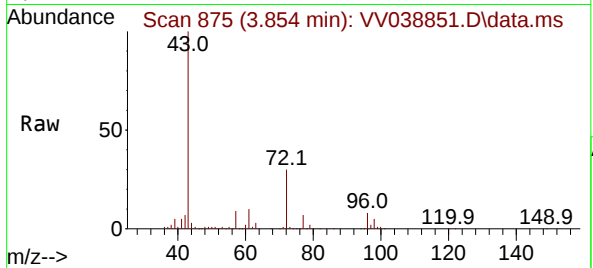




#25  
2-Butanone  
Concen: 263.145 ug/l  
RT: 3.854 min Scan# 875  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

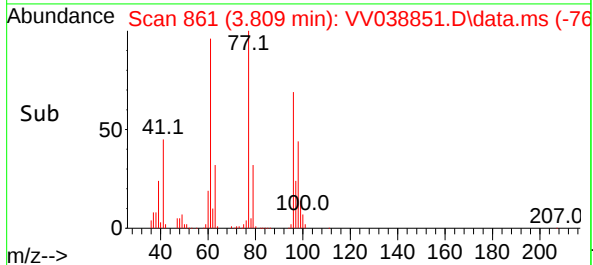
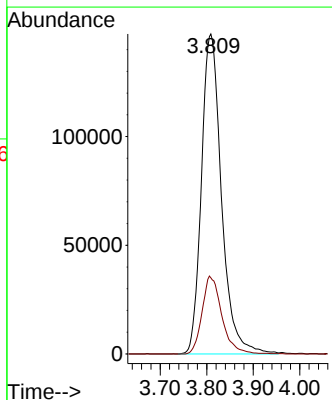
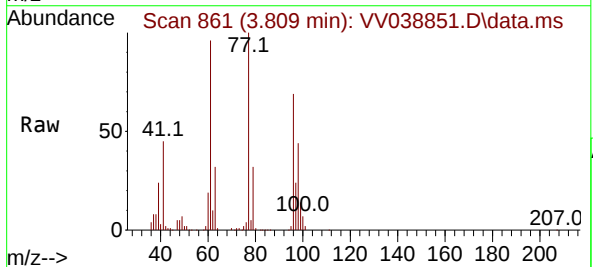
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

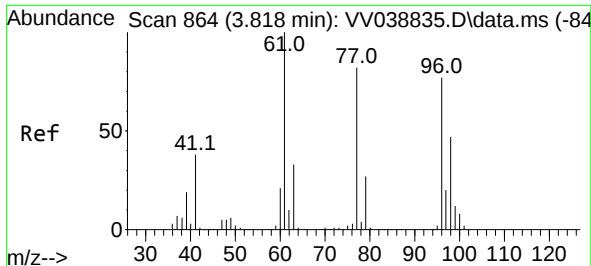
Tgt Ion: 43 Resp: 761697  
Ion Ratio Lower Upper  
43 100  
72 30.0 23.8 35.8



#26  
2,2-Dichloropropane  
Concen: 47.505 ug/l  
RT: 3.809 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 77 Resp: 441683  
Ion Ratio Lower Upper  
77 100  
97 23.8 11.5 34.4



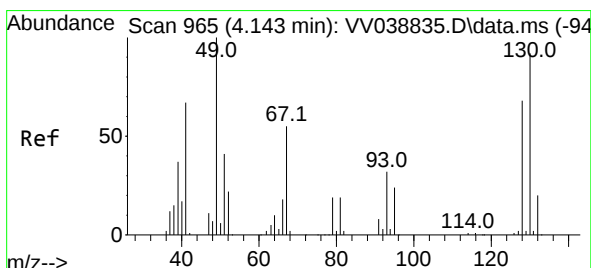
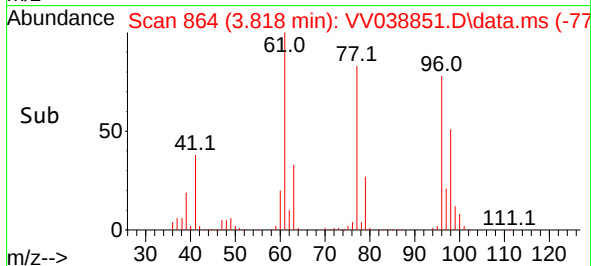
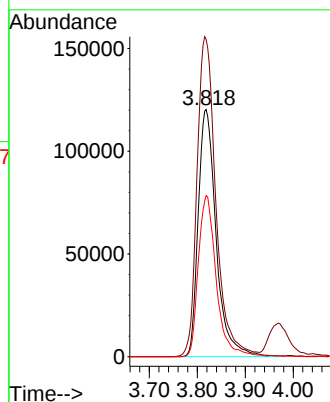
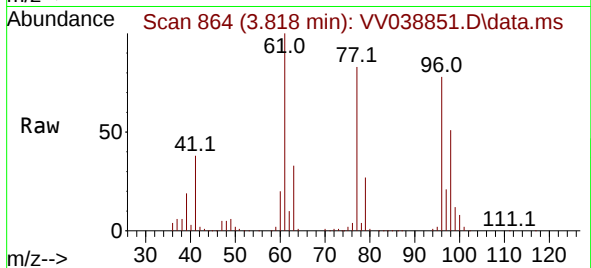


#27  
 cis-1,2-Dichloroethene  
 Concen: 49.842 ug/l  
 RT: 3.818 min Scan# 864  
 Delta R.T. 0.000 min  
 Lab File: VV038851.D  
 Acq: 03 Jul 2025 09:09

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 96 Resp: 313515  

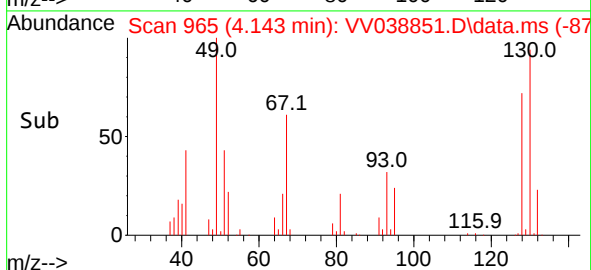
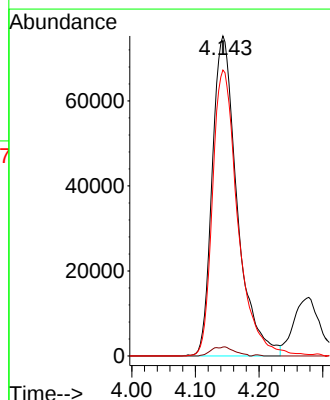
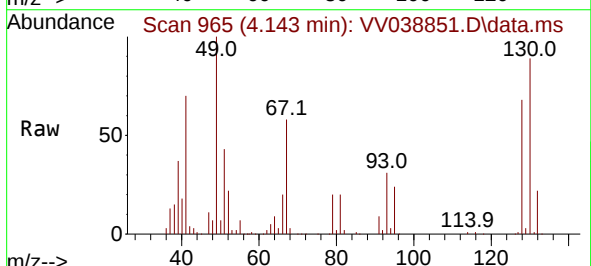
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 135.8 | 0.0   | 268.4 |
| 98  | 64.7  | 0.0   | 128.0 |

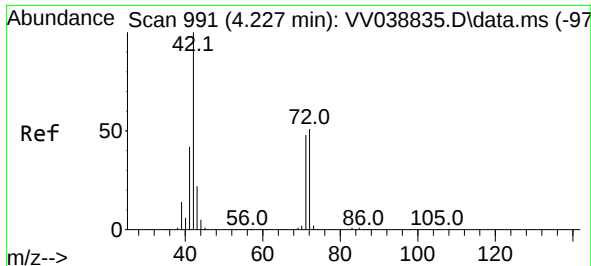


#28  
 Bromochloromethane  
 Concen: 47.748 ug/l  
 RT: 4.143 min Scan# 965  
 Delta R.T. 0.000 min  
 Lab File: VV038851.D  
 Acq: 03 Jul 2025 09:09

Tgt Ion: 49 Resp: 204716  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.6   | 0.0   | 2.2#  |
| 130 | 91.0  | 72.5  | 108.7 |





#29

Tetrahydrofuran

Concen: 267.632 ug/l

RT: 4.224 min Scan# 991

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

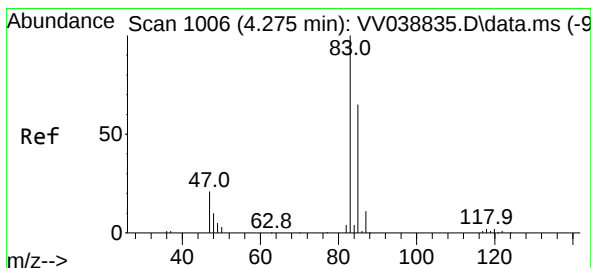
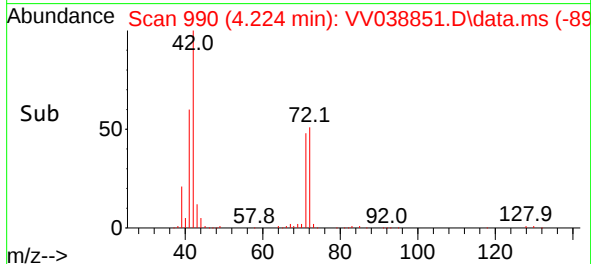
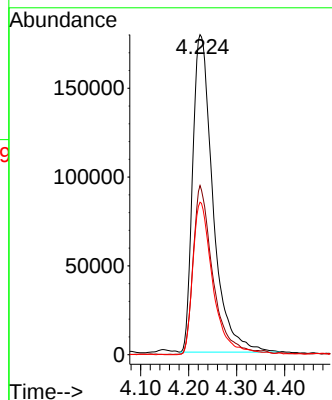
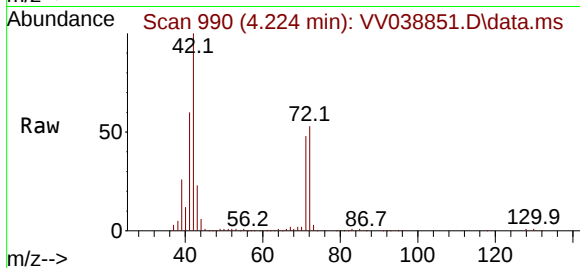
Tgt Ion: 42 Resp: 524667

Ion Ratio Lower Upper

42 100

72 51.4 41.3 61.9

71 47.6 39.2 58.8



#30

Chloroform

Concen: 50.229 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV038851.D

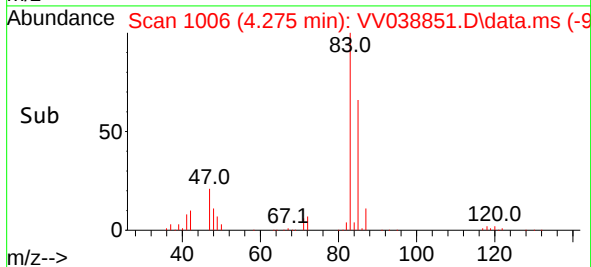
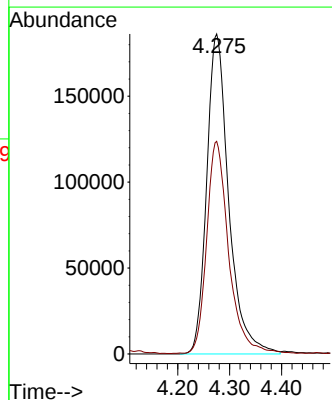
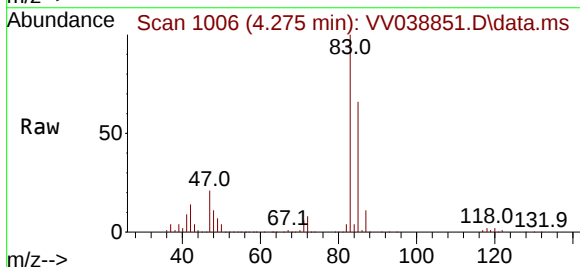
Acq: 03 Jul 2025 09:09

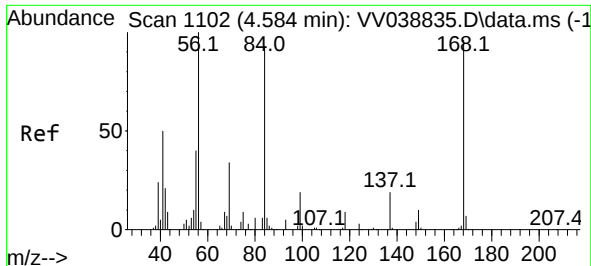
Tgt Ion: 83 Resp: 548991

Ion Ratio Lower Upper

83 100

85 66.2 51.8 77.6

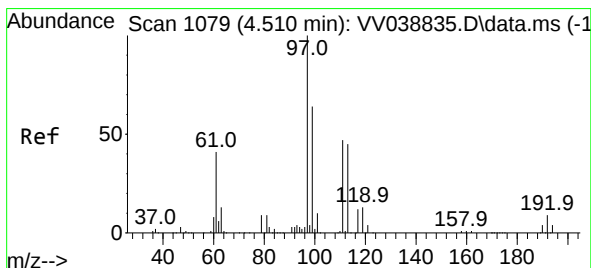
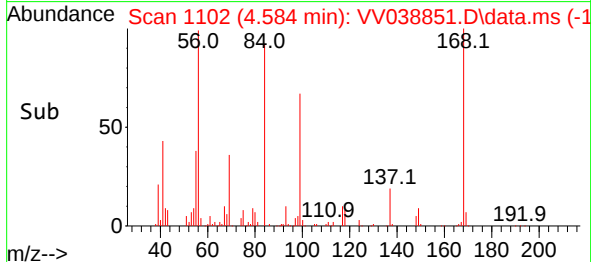
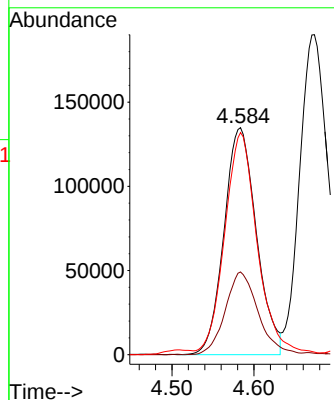
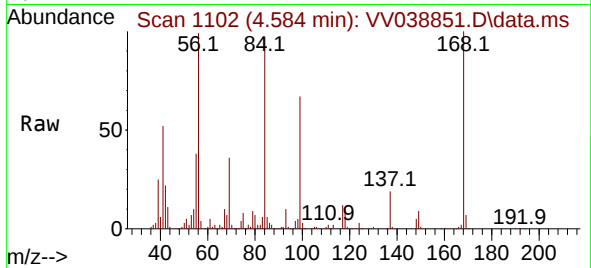




#31  
Cyclohexane  
Concen: 46.647 ug/l  
RT: 4.584 min Scan# 1102  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

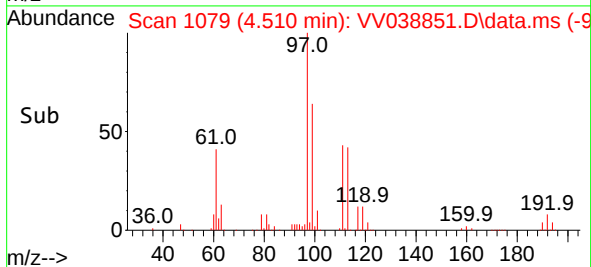
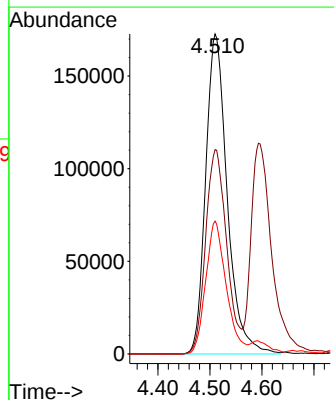
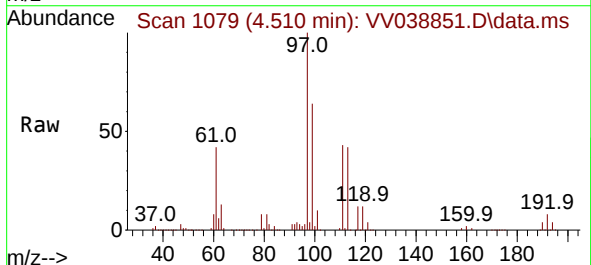
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 56 Resp: 370586  
Ion Ratio Lower Upper  
56 100  
69 36.3 27.0 40.4  
84 95.7 74.4 111.6



#32  
1,1,1-Trichloroethane  
Concen: 49.049 ug/l  
RT: 4.510 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 97 Resp: 497557  
Ion Ratio Lower Upper  
97 100  
99 62.2 48.8 73.2  
61 39.5 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 47.114 ug/l

RT: 4.937 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

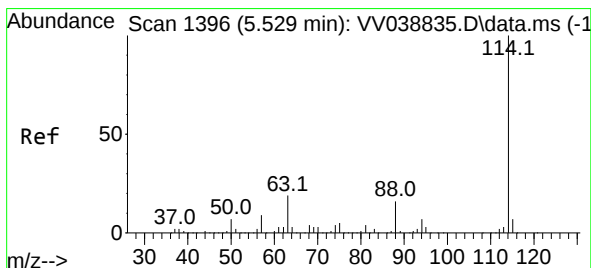
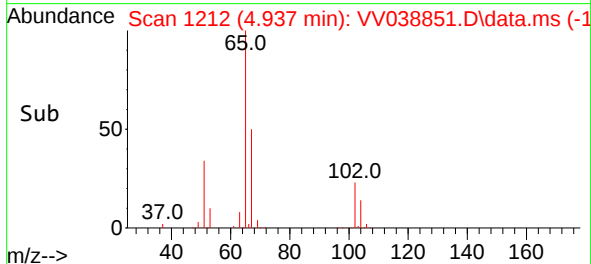
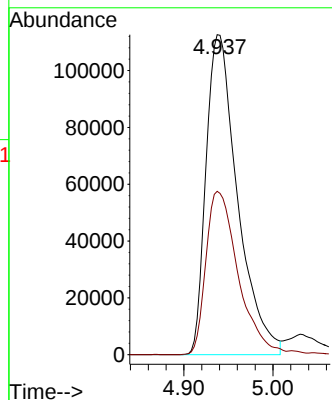
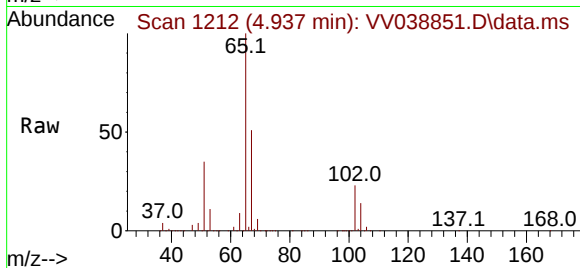
VSTDCCC050

Tgt Ion: 65 Resp: 276730

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

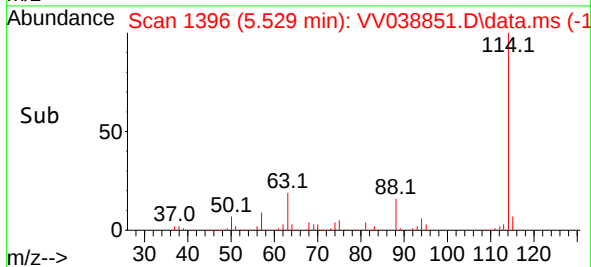
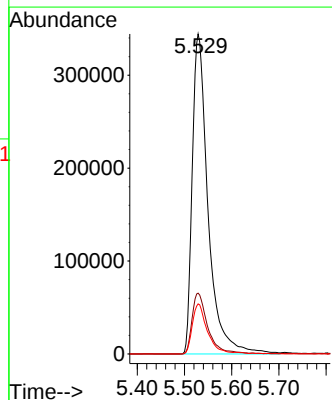
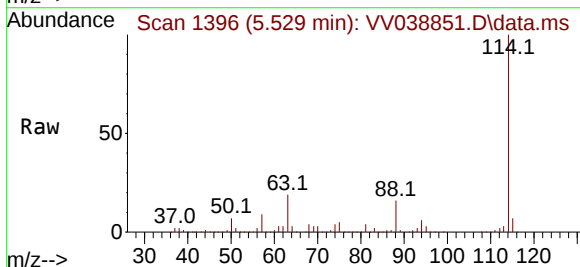
Tgt Ion: 114 Resp: 800288

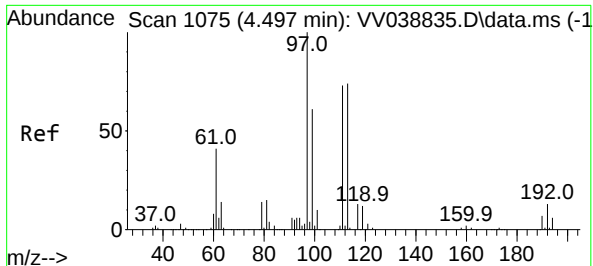
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 15.6 0.0 31.2

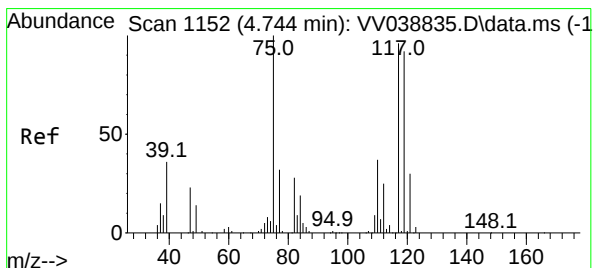
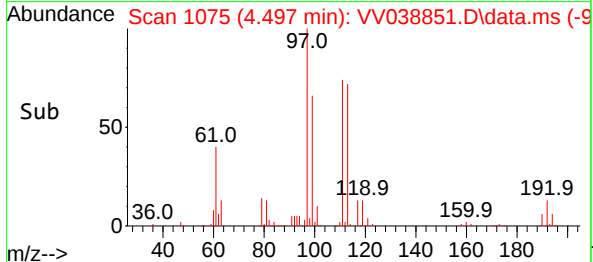
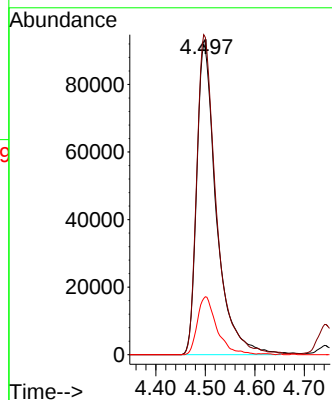
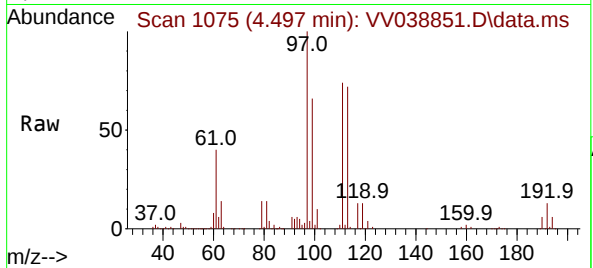




#35  
Dibromofluoromethane  
Concen: 50.322 ug/l  
RT: 4.497 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

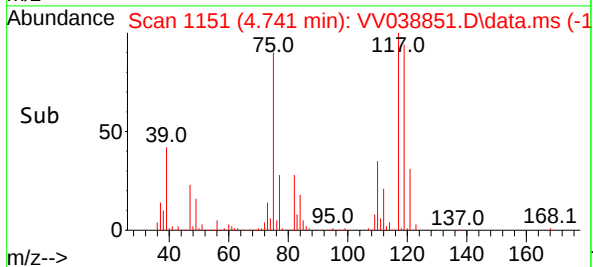
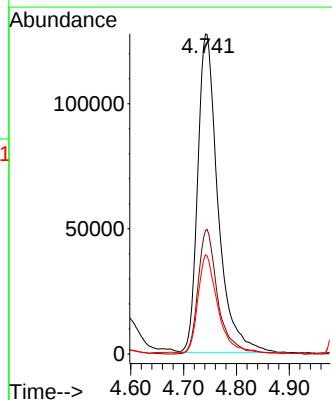
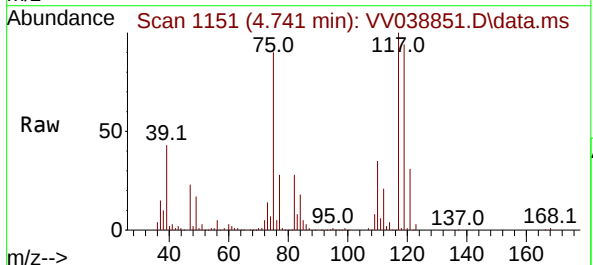
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

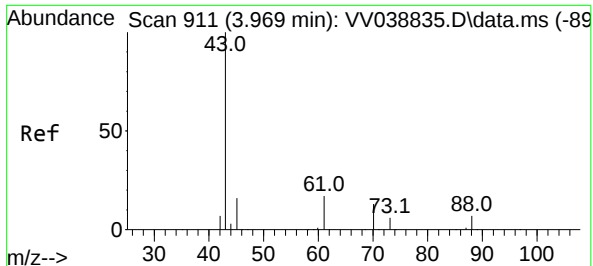
Tgt Ion:113 Resp: 255090  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.5 122.3  
192 18.4 14.7 22.1



#36  
1,1-Dichloropropene  
Concen: 54.947 ug/l  
RT: 4.741 min Scan# 1151  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 75 Resp: 337993  
Ion Ratio Lower Upper  
75 100  
110 38.4 19.3 57.9  
77 30.1 25.1 37.7

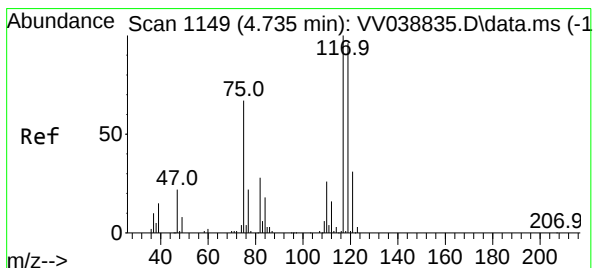
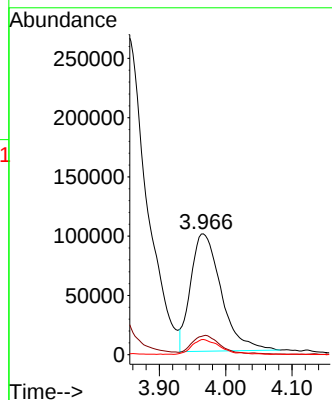
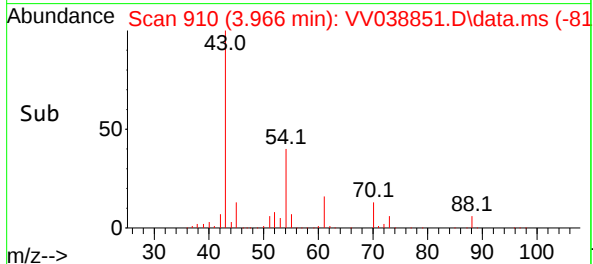
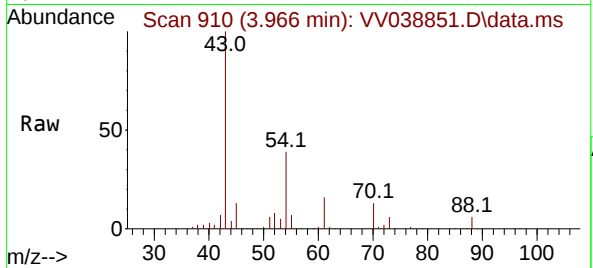




#37  
Ethyl Acetate  
Concen: 50.466 ug/l  
RT: 3.966 min Scan# 911  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

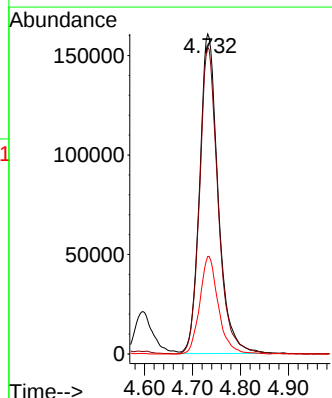
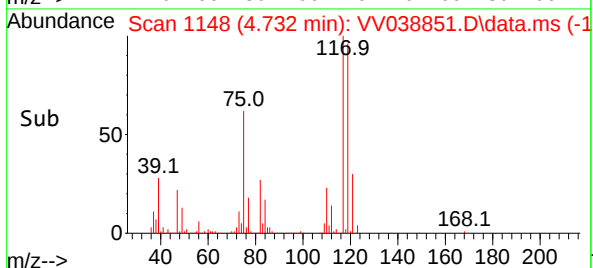
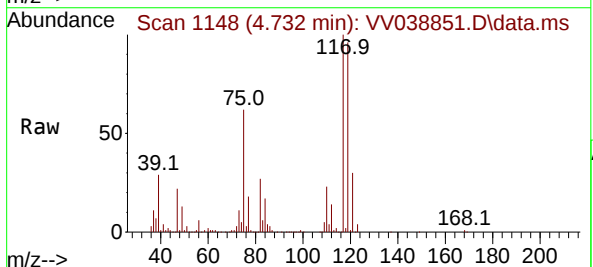
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

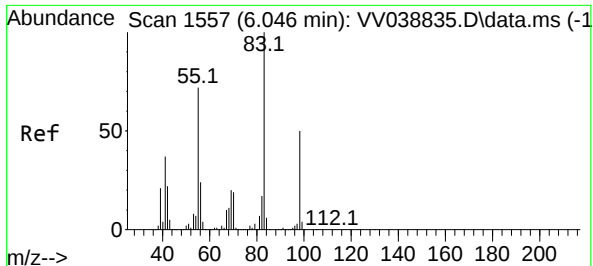
Tgt Ion: 43 Resp: 316760  
Ion Ratio Lower Upper  
43 100  
61 13.4 13.0 19.4  
70 11.0 9.6 14.4



#38  
Carbon Tetrachloride  
Concen: 53.208 ug/l  
RT: 4.732 min Scan# 1148  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 117 Resp: 430789  
Ion Ratio Lower Upper  
117 100  
119 95.8 76.5 114.7  
121 30.5 25.0 37.6





#39

Methylcyclohexane

Concen: 52.084 ug/l

RT: 6.043 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

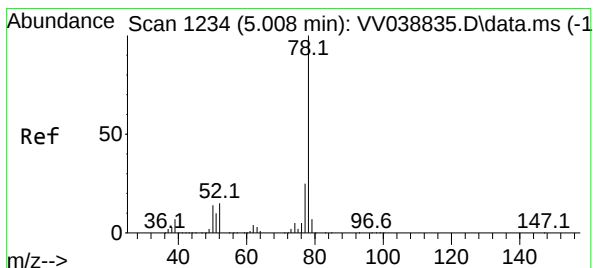
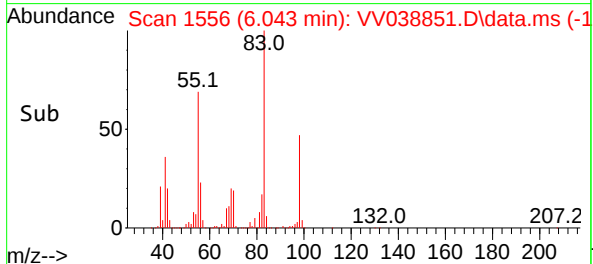
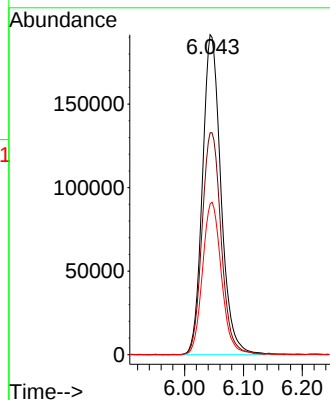
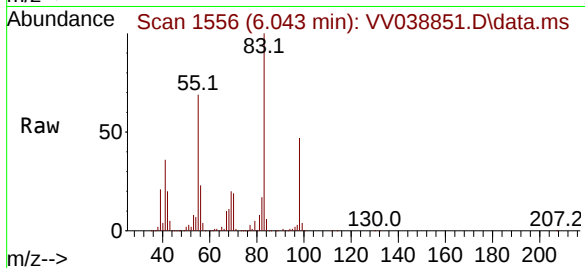
Tgt Ion: 83 Resp: 418897

Ion Ratio Lower Upper

83 100

55 69.3 57.7 86.5

98 47.1 40.2 60.2



#40

Benzene

Concen: 52.647 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV038851.D

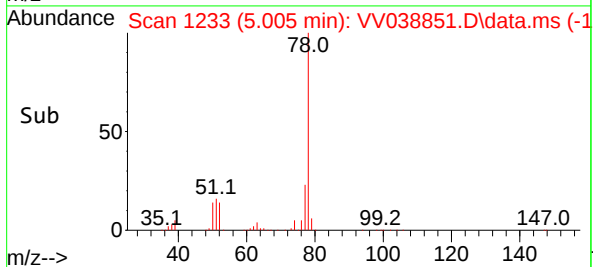
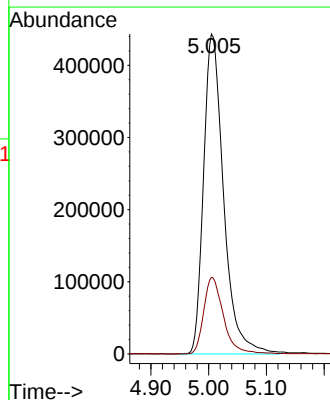
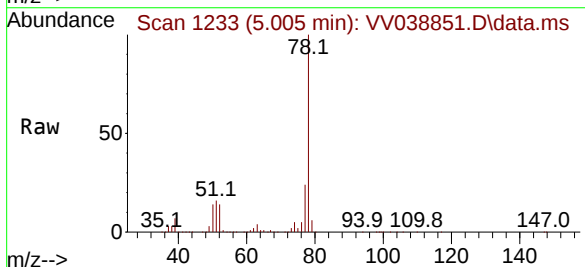
Acq: 03 Jul 2025 09:09

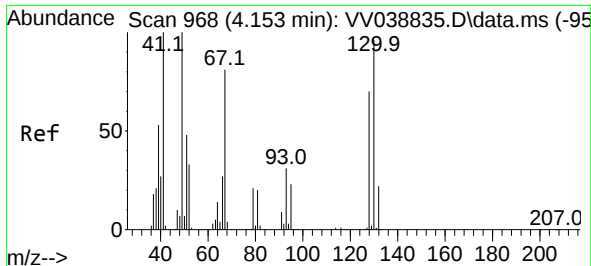
Tgt Ion: 78 Resp: 1069353

Ion Ratio Lower Upper

78 100

77 23.9 19.6 29.4



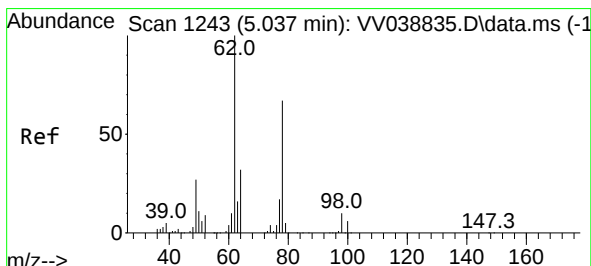
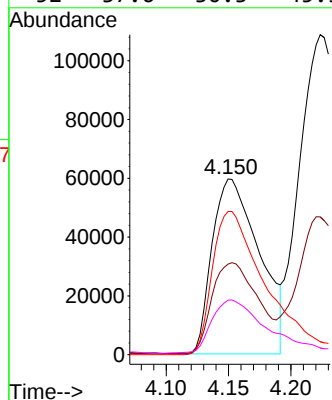
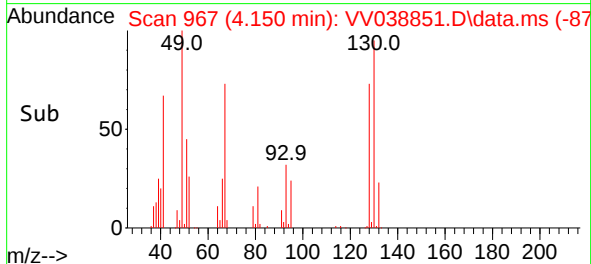
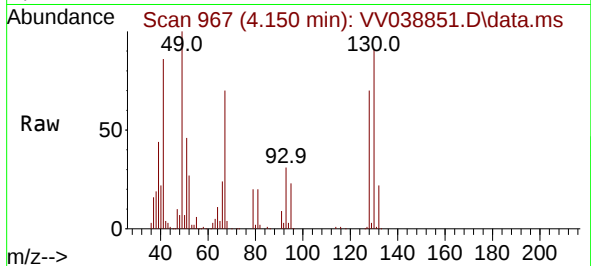


#41  
Methacrylonitrile  
Concen: 51.223 ug/l  
RT: 4.150 min Scan# 90  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 156561

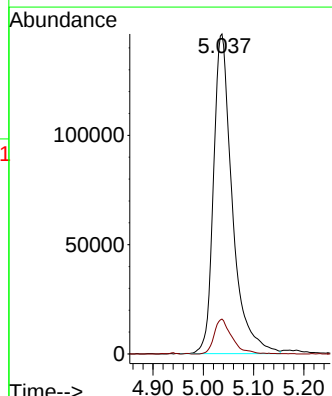
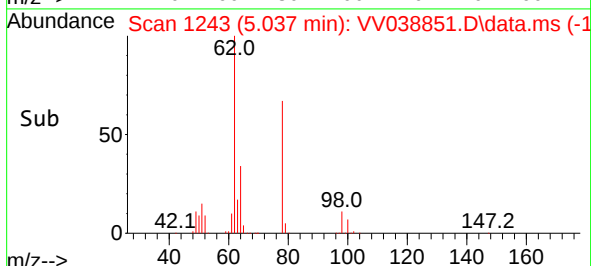
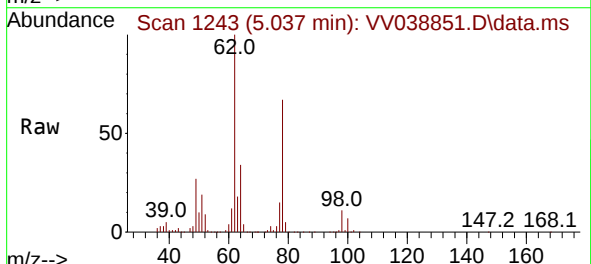
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 50.9  | 43.8  | 65.8  |
| 67  | 95.8  | 78.8  | 118.2 |
| 52  | 37.6  | 30.3  | 45.5  |

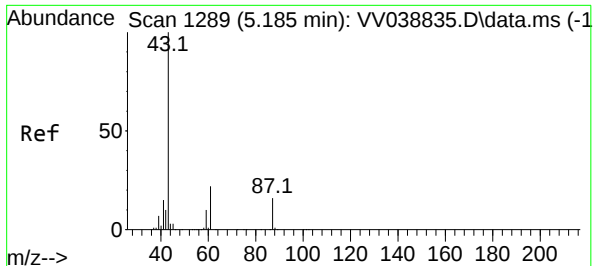


#42  
1,2-Dichloroethane  
Concen: 52.939 ug/l  
RT: 5.037 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 62 Resp: 380691

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.3  | 0.0   | 19.0  |

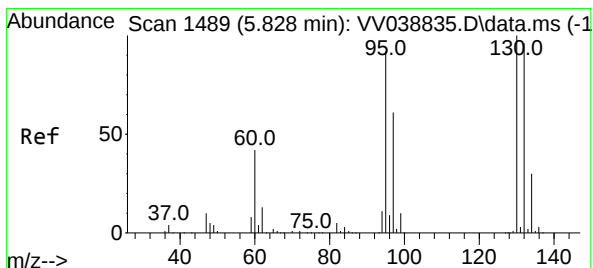
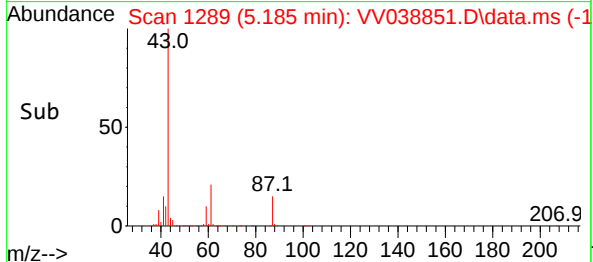
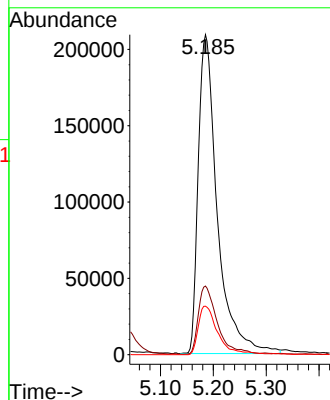
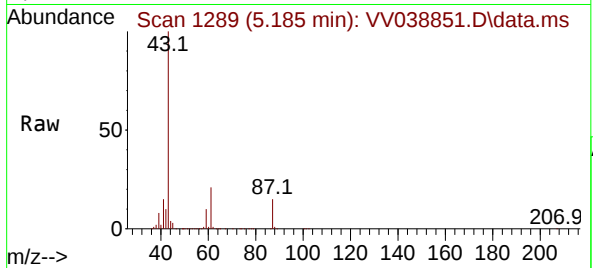




#43  
Isopropyl Acetate  
Concen: 52.235 ug/l  
RT: 5.185 min Scan# 1289  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

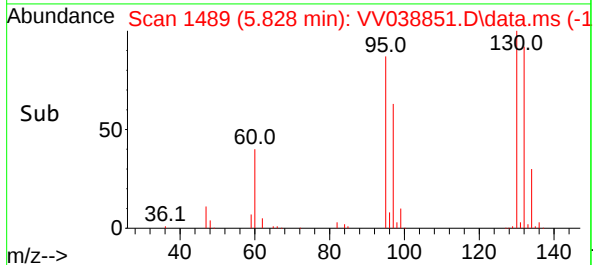
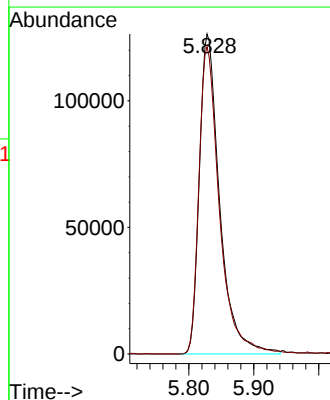
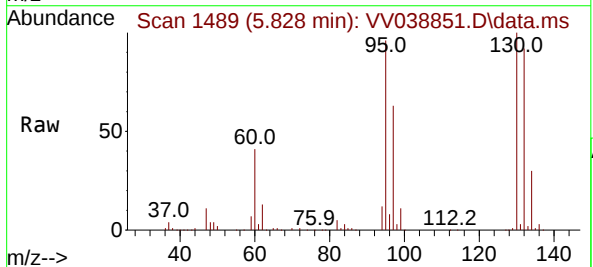
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

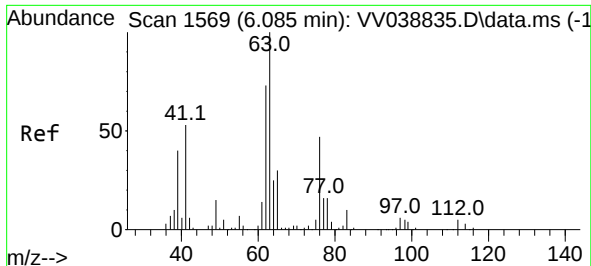
Tgt Ion: 43 Resp: 523051  
Ion Ratio Lower Upper  
43 100  
61 21.0 17.0 25.6  
87 15.7 13.0 19.6



#44  
Trichloroethene  
Concen: 51.895 ug/l  
RT: 5.828 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 130 Resp: 275083  
Ion Ratio Lower Upper  
130 100  
95 96.0 0.0 184.4





#45

1,2-Dichloropropane

Concen: 51.657 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

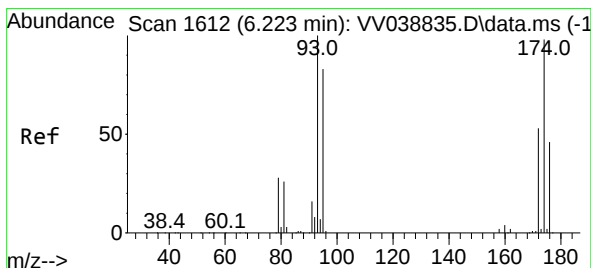
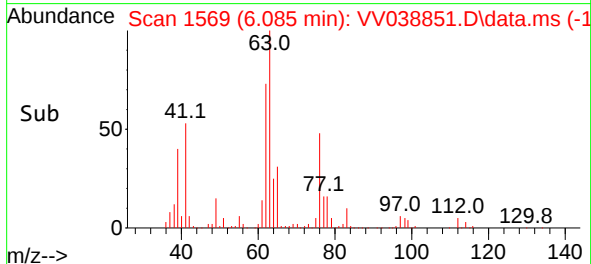
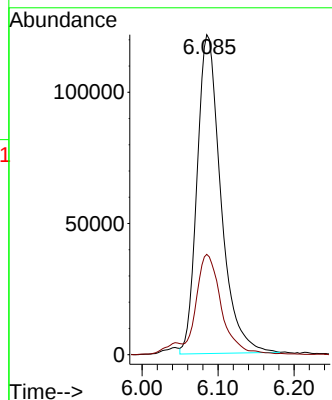
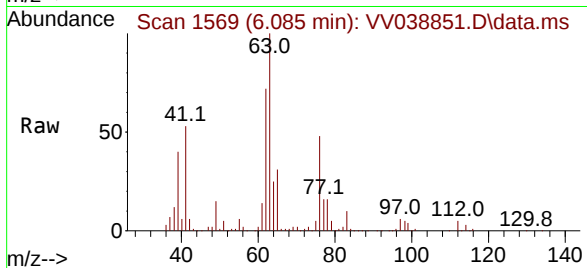
VSTDCCC050

Tgt Ion: 63 Resp: 263511

Ion Ratio Lower Upper

63 100

65 31.2 24.3 36.5



#46

Dibromomethane

Concen: 52.463 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

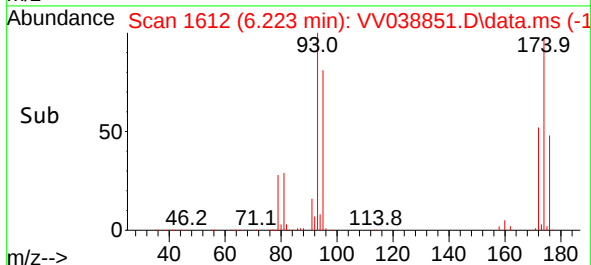
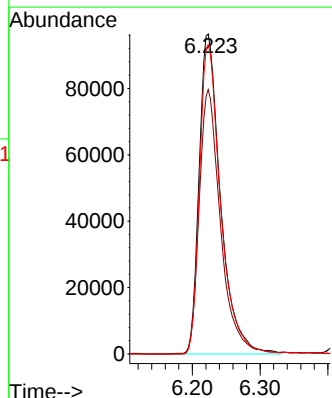
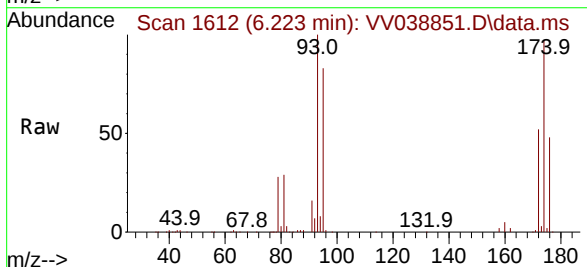
Tgt Ion: 93 Resp: 211053

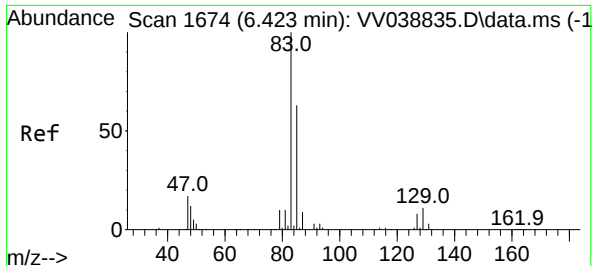
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 95.6 78.7 118.1



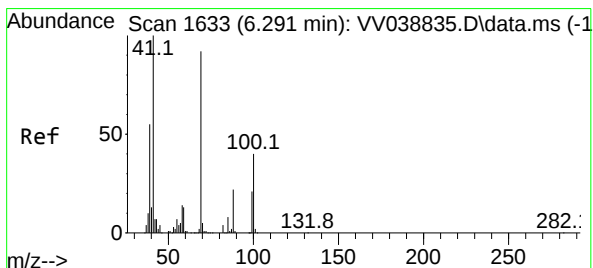
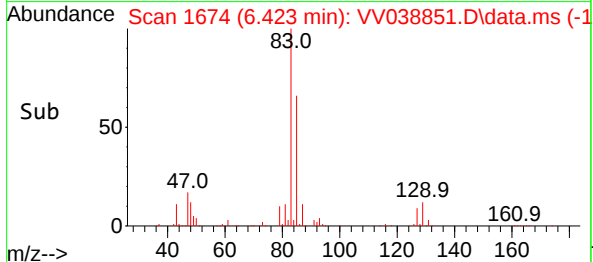
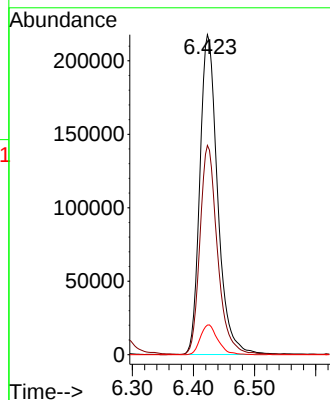
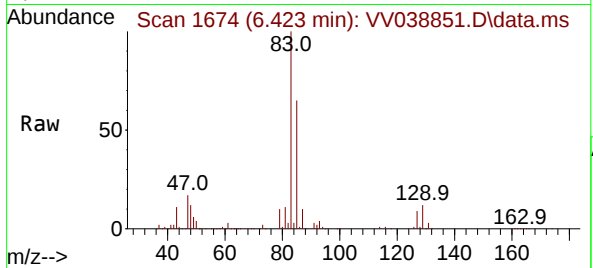


#47  
 Bromodichloromethane  
 Concen: 51.580 ug/l  
 RT: 6.423 min Scan# 1674  
 Delta R.T. 0.000 min  
 Lab File: VV038851.D  
 Acq: 03 Jul 2025 09:09

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 83 Resp: 439368  

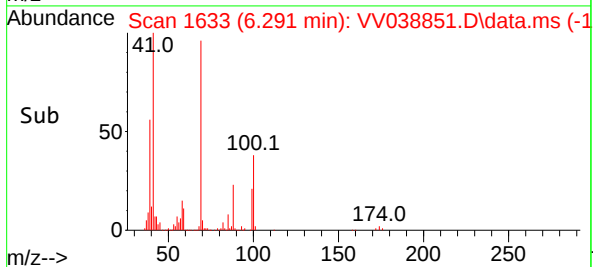
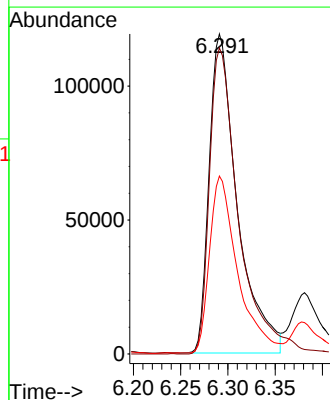
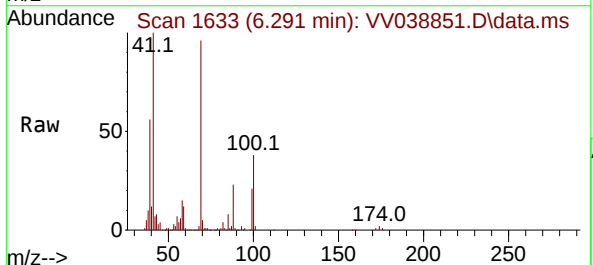
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.3  | 50.1  | 75.1  |
| 127 | 9.3   | 6.6   | 10.0  |

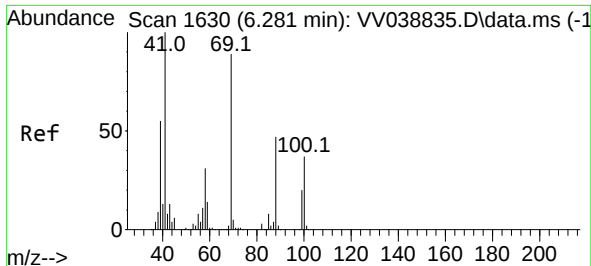


#48  
 Methyl methacrylate  
 Concen: 51.943 ug/l  
 RT: 6.291 min Scan# 1633  
 Delta R.T. 0.000 min  
 Lab File: VV038851.D  
 Acq: 03 Jul 2025 09:09

Tgt Ion: 41 Resp: 247323  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 100.1 | 77.4  | 116.2 |
| 39  | 55.3  | 44.2  | 66.4  |





#49

1,4-Dioxane

Concen: 1103.360 ug/l

RT: 6.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

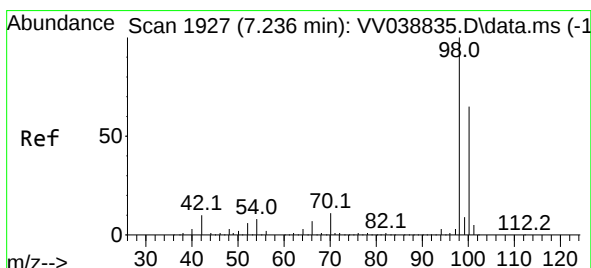
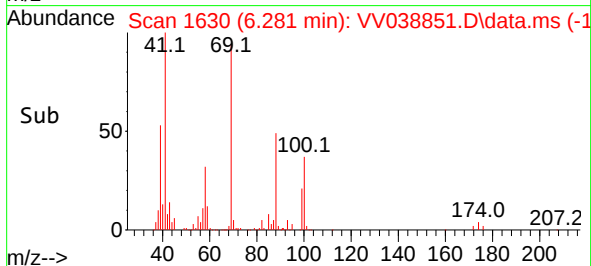
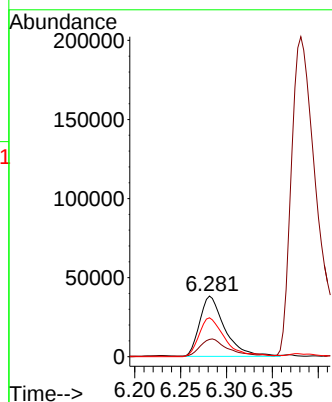
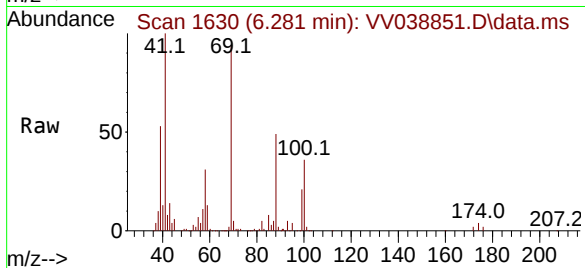
Tgt Ion: 88 Resp: 72819

Ion Ratio Lower Upper

88 100

43 30.1 25.2 37.8

58 66.1 52.1 78.1



#50

Toluene-d8

Concen: 49.883 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038851.D

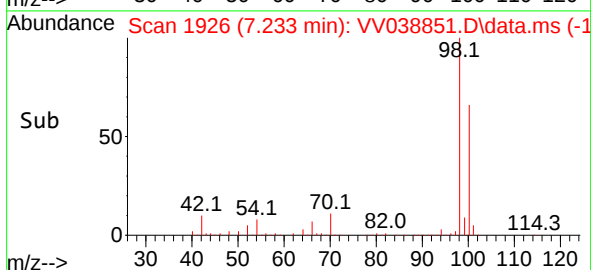
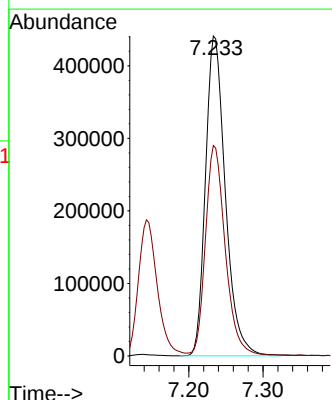
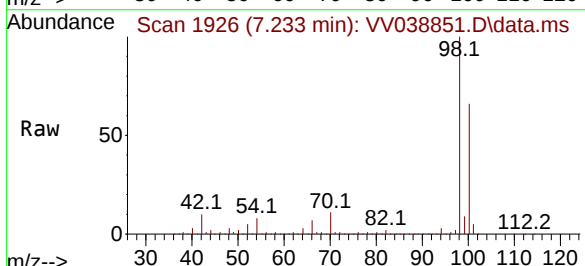
Acq: 03 Jul 2025 09:09

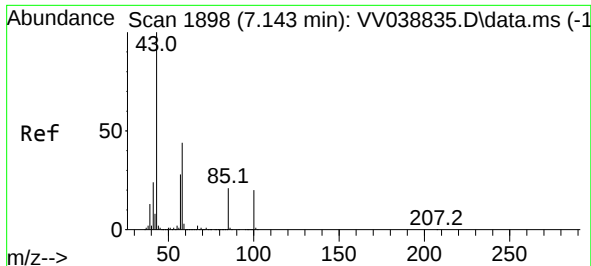
Tgt Ion: 98 Resp: 818122

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4

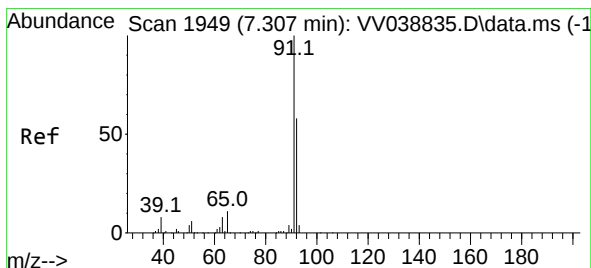
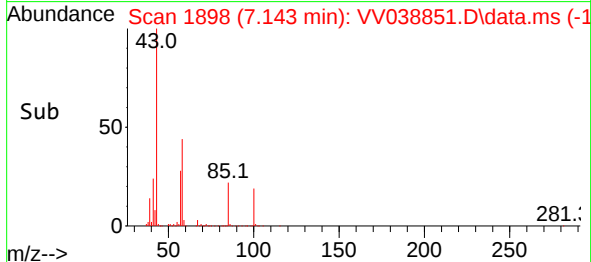
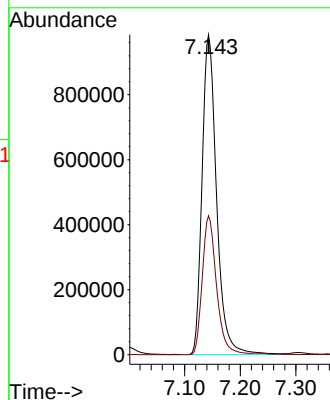
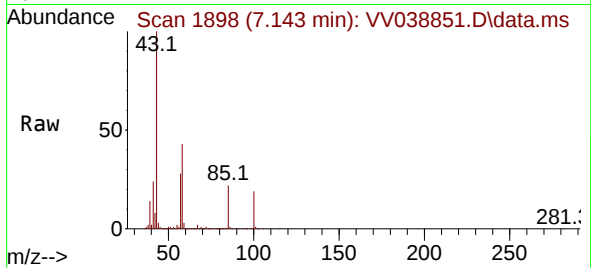




#51  
4-Methyl-2-Pentanone  
Concen: 281.841 ug/l  
RT: 7.143 min Scan# 1898  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

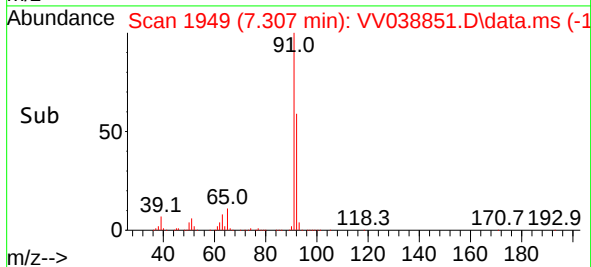
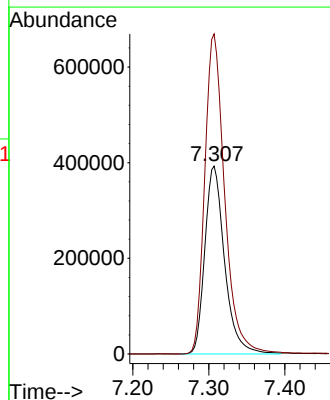
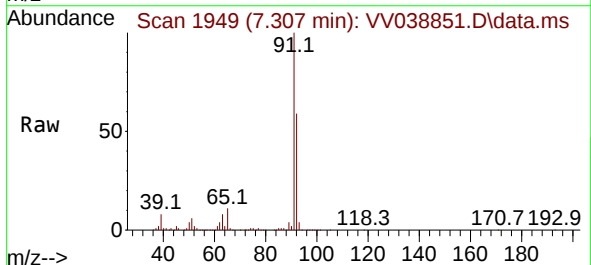
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

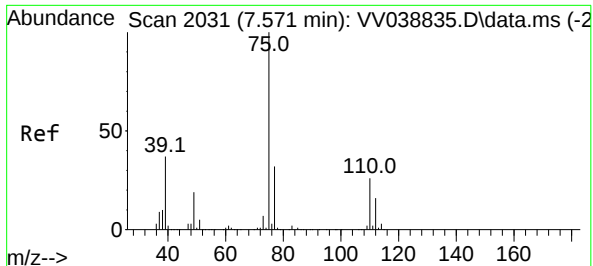
Tgt Ion: 43 Resp: 1780916  
Ion Ratio Lower Upper  
43 100  
58 42.6 34.4 51.6



#52  
Toluene  
Concen: 55.948 ug/l  
RT: 7.307 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 92 Resp: 710009  
Ion Ratio Lower Upper  
92 100  
91 171.9 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 52.603 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

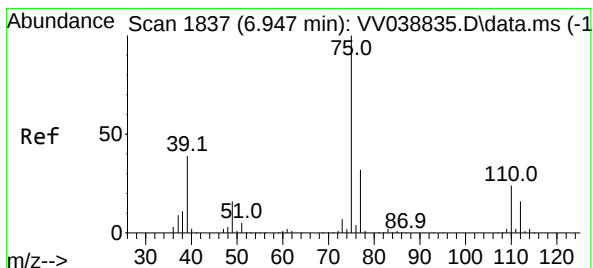
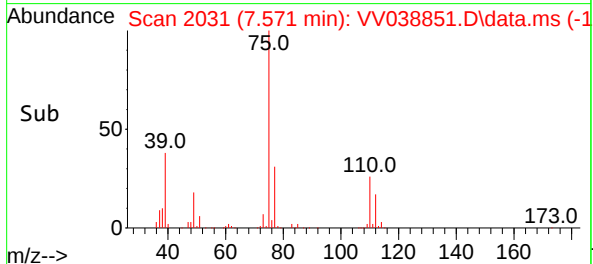
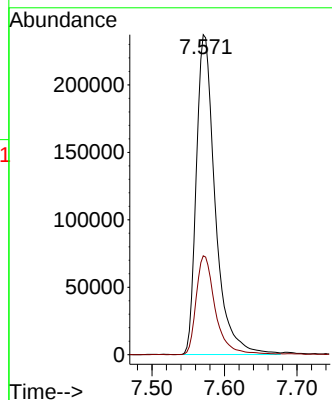
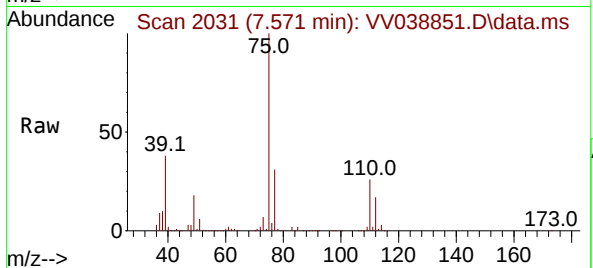
VSTDC050

Tgt Ion: 75 Resp: 428969

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 55.476 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

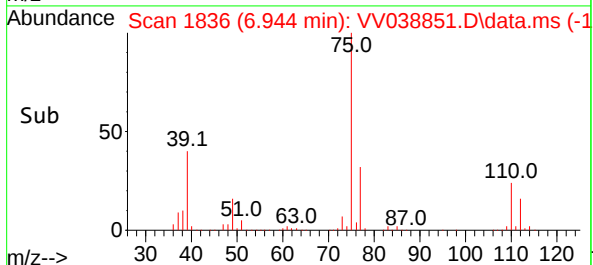
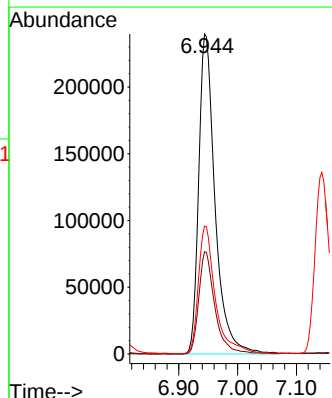
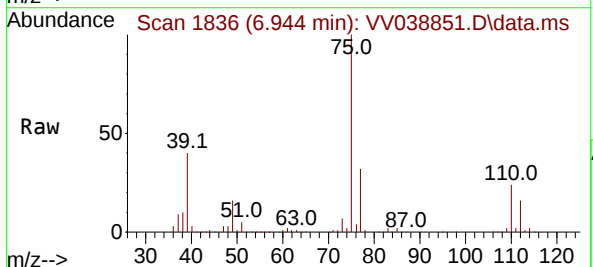
Tgt Ion: 75 Resp: 462567

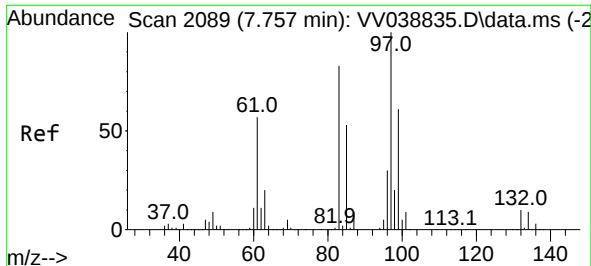
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8

39 39.8 31.3 46.9

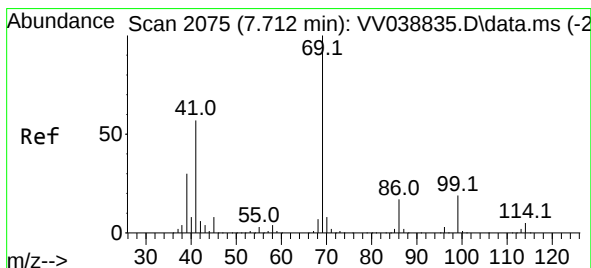
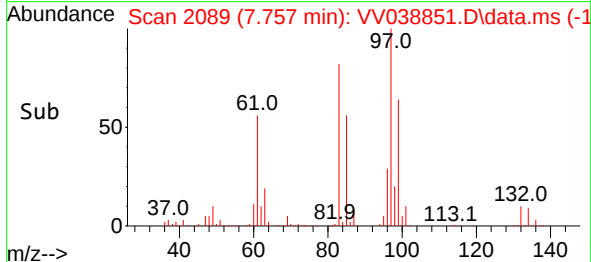
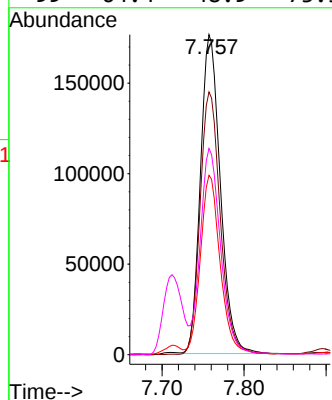
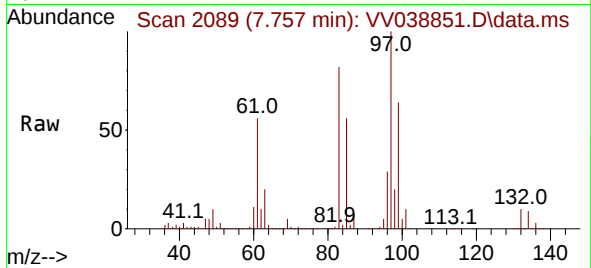




#55  
1,1,2-Trichloroethane  
Concen: 53.530 ug/l  
RT: 7.757 min Scan# 2089  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

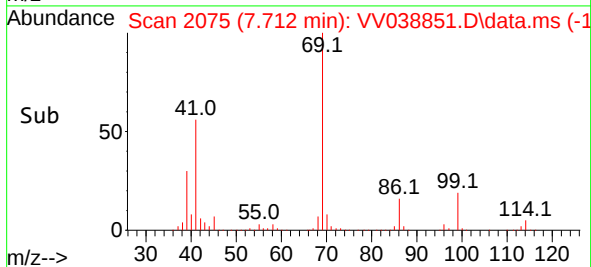
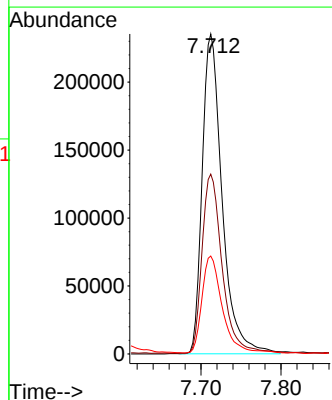
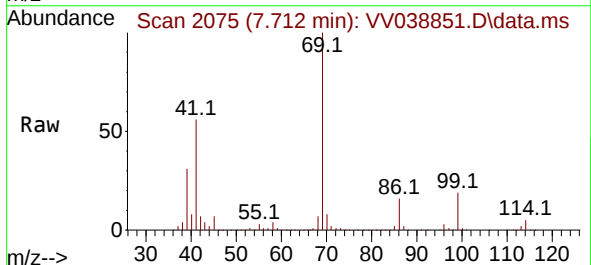
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

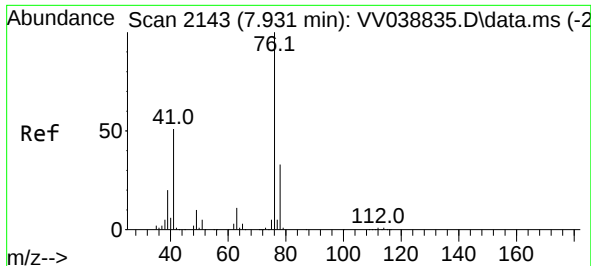
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 297056 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.2  | 66.2  | 99.4   |
| 85       | 55.9  | 42.2  | 63.4   |
| 99       | 64.4  | 48.9  | 73.3   |



#56  
Ethyl methacrylate  
Concen: 55.989 ug/l  
RT: 7.712 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 408752 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 56.8  | 46.1  | 69.1   |
| 39       | 30.8  | 24.1  | 36.1   |





#57

1,3-Dichloropropane

Concen: 55.111 ug/l

RT: 7.931 min Scan# 2143

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

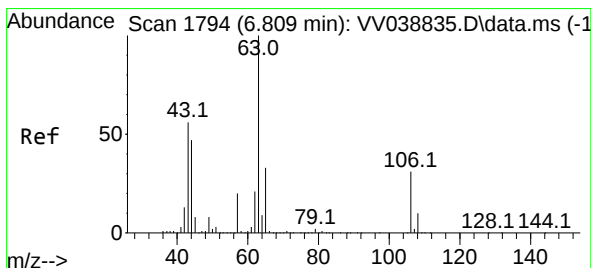
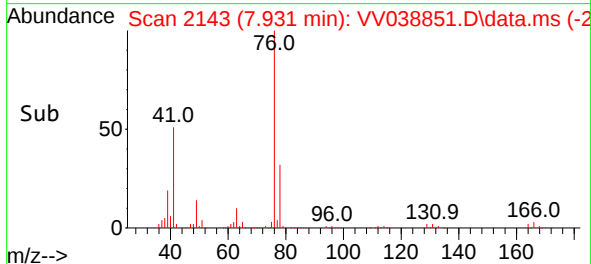
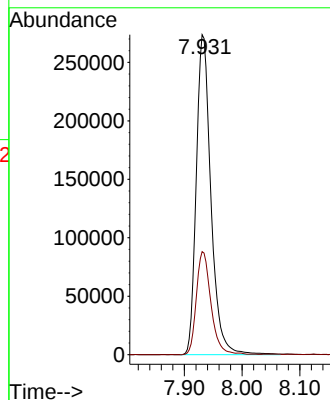
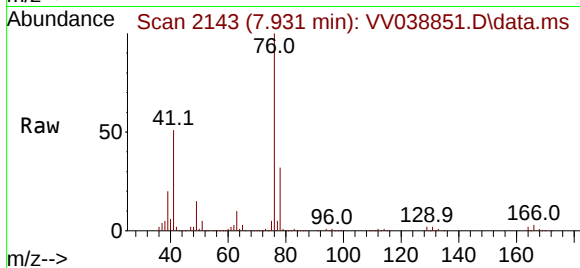
VSTDCCC050

Tgt Ion: 76 Resp: 481782

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 272.250 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VV038851.D

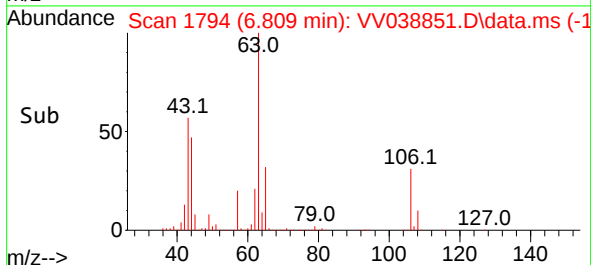
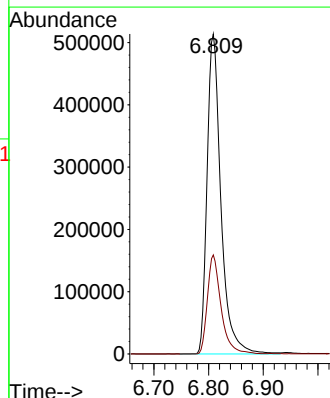
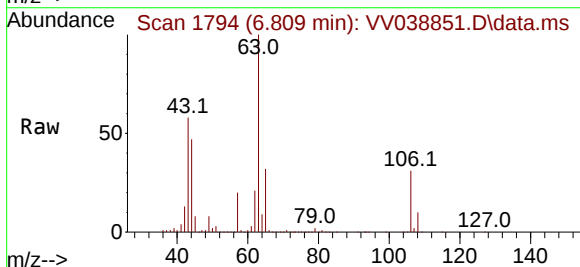
Acq: 03 Jul 2025 09:09

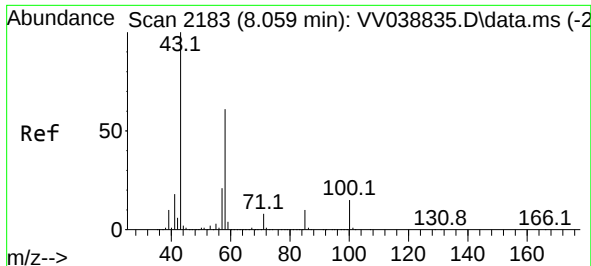
Tgt Ion: 63 Resp: 902507

Ion Ratio Lower Upper

63 100

106 30.6 24.6 37.0

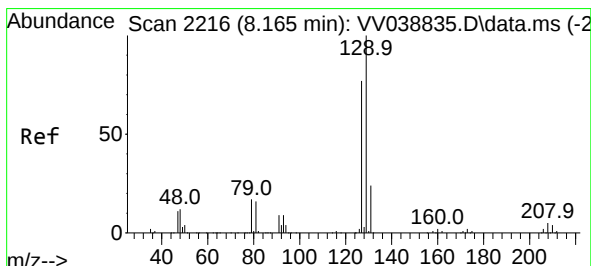
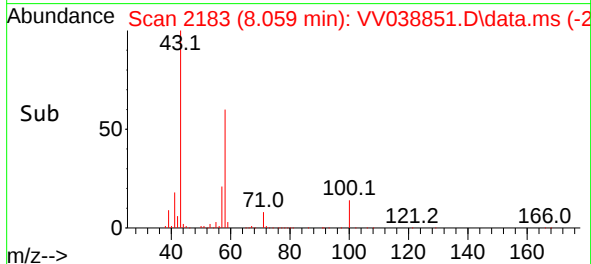
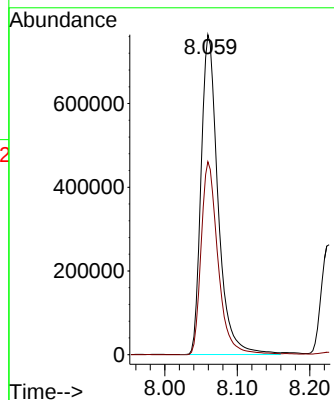
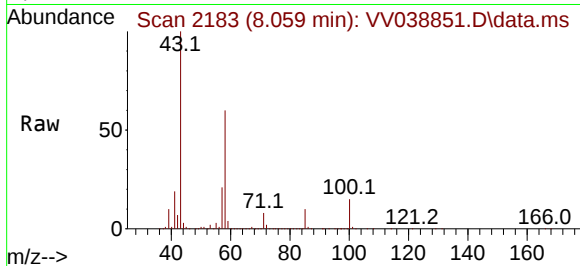




#59  
2-Hexanone  
Concen: 278.272 ug/l  
RT: 8.059 min Scan# 2183  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

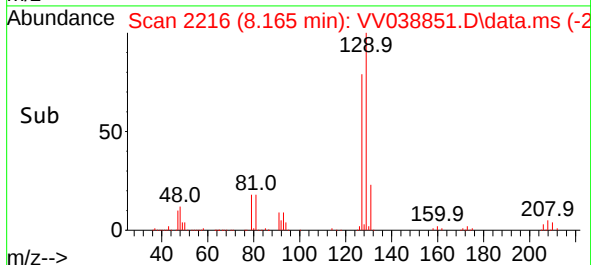
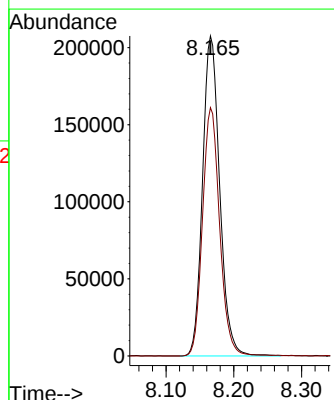
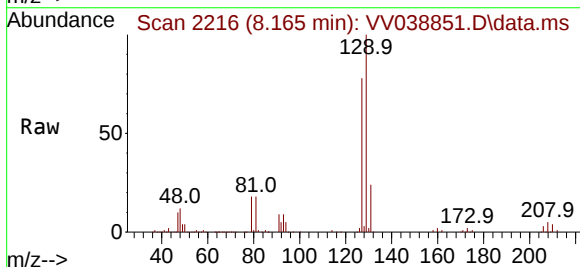
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

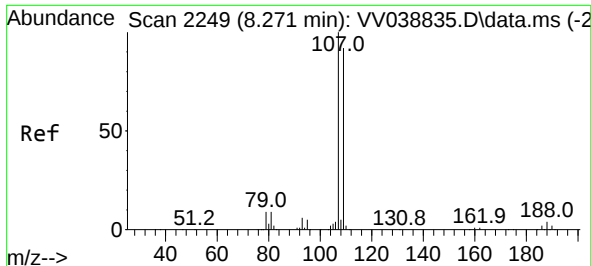
Tgt Ion: 43 Resp: 1240217  
Ion Ratio Lower Upper  
43 100  
58 60.2 30.3 91.0



#60  
Dibromochloromethane  
Concen: 52.196 ug/l  
RT: 8.165 min Scan# 2216  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 129 Resp: 364702  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.2 114.6

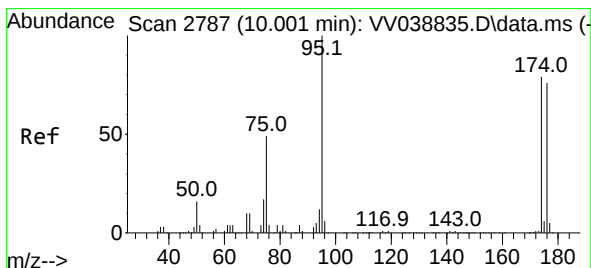
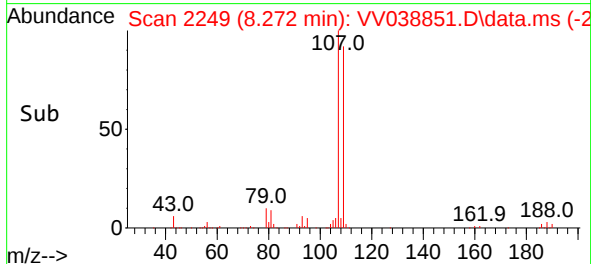
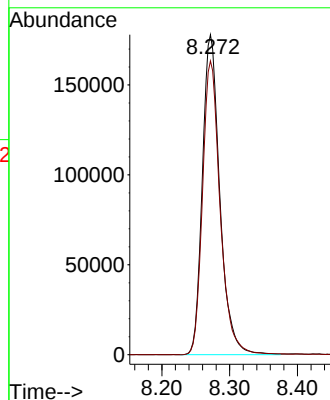
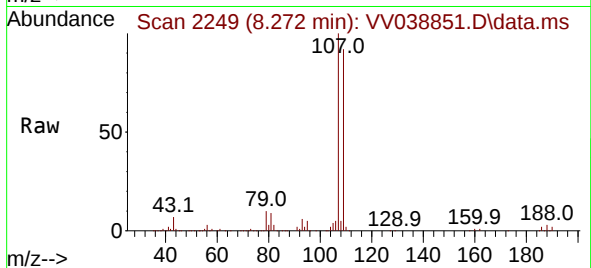




#61  
1,2-Dibromoethane  
Concen: 55.423 ug/l  
RT: 8.272 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

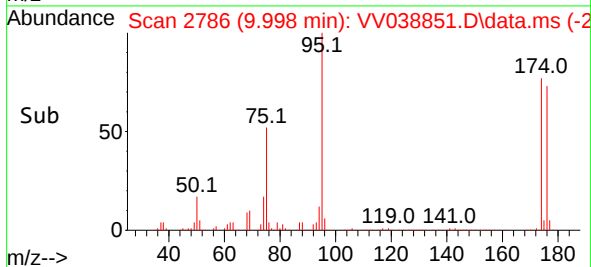
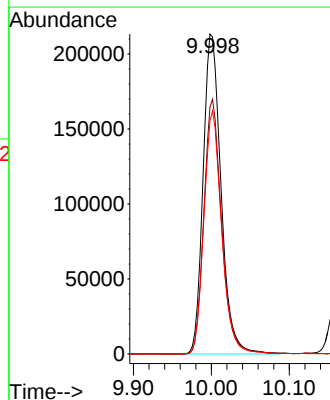
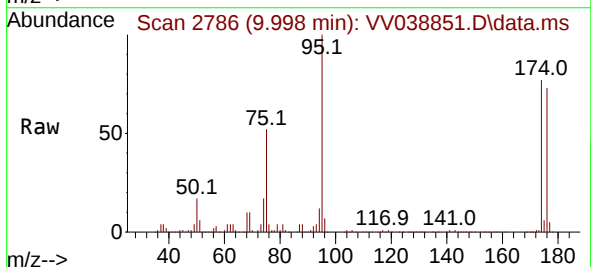
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

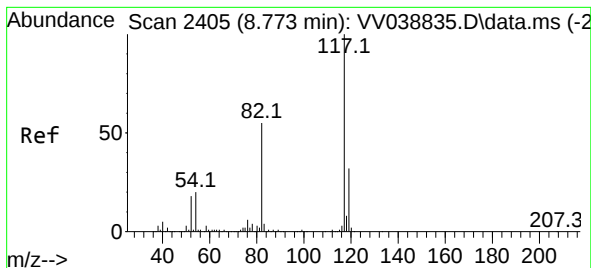
Tgt Ion:107 Resp: 318202  
Ion Ratio Lower Upper  
107 100  
109 93.0 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 51.509 ug/l  
RT: 9.998 min Scan# 2786  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 95 Resp: 341311  
Ion Ratio Lower Upper  
95 100  
174 78.6 0.0 158.2  
176 75.1 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

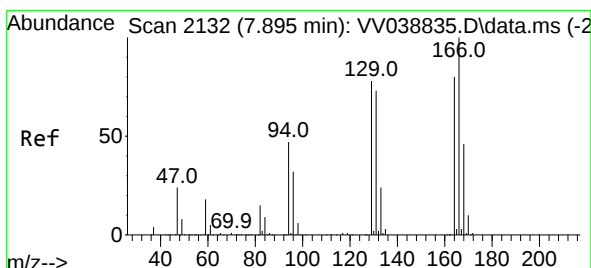
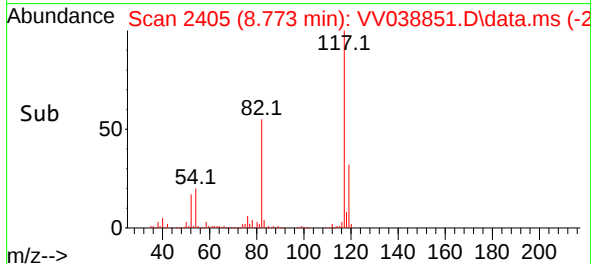
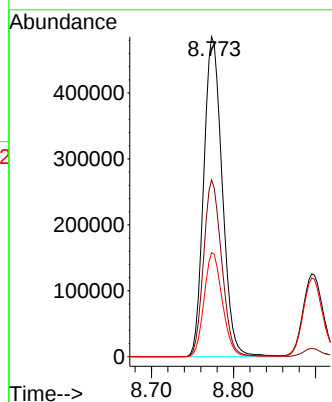
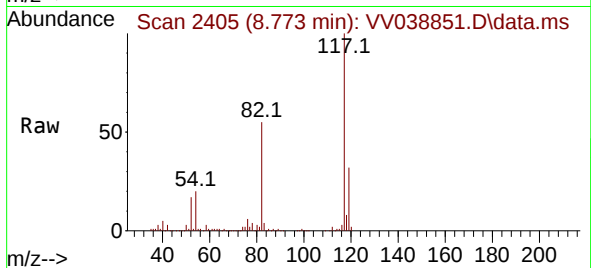
Tgt Ion:117 Resp: 759894

Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.4

119 32.5 25.5 38.3



#64

Tetrachloroethene

Concen: 49.821 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Tgt Ion:164 Resp: 243453

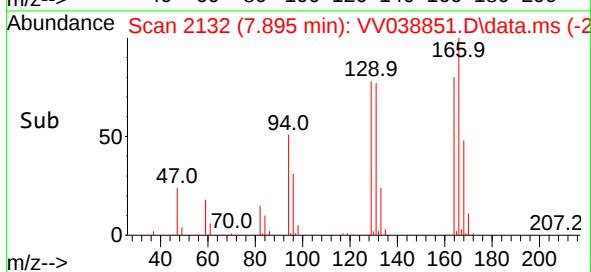
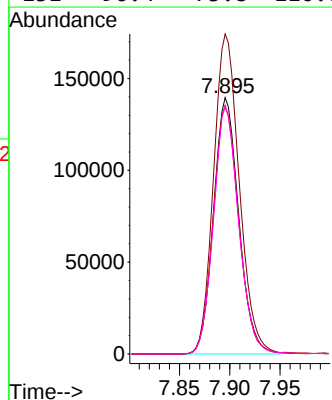
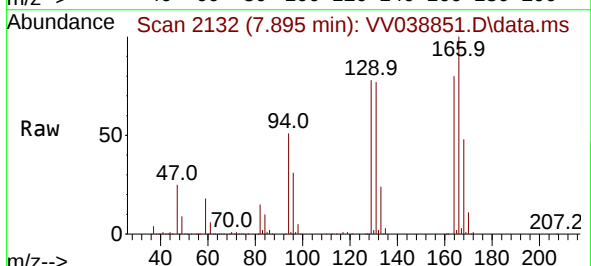
Ion Ratio Lower Upper

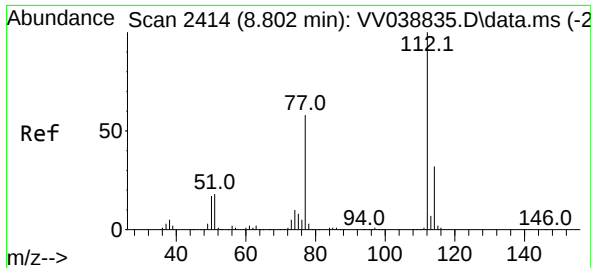
164 100

166 124.9 100.6 151.0

129 97.0 78.4 117.6

131 96.4 73.8 110.6

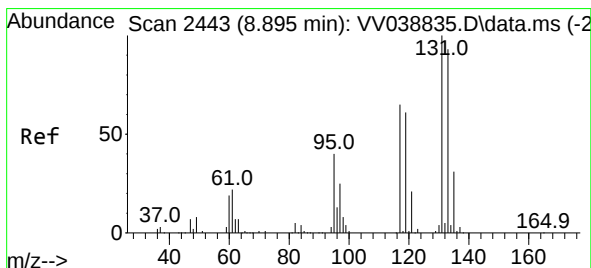
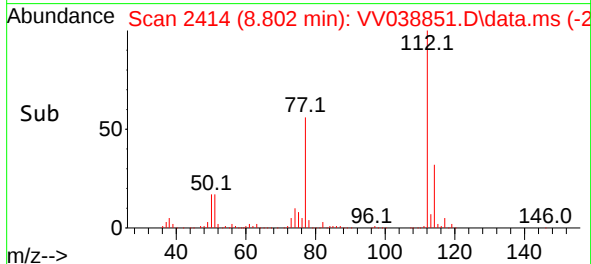
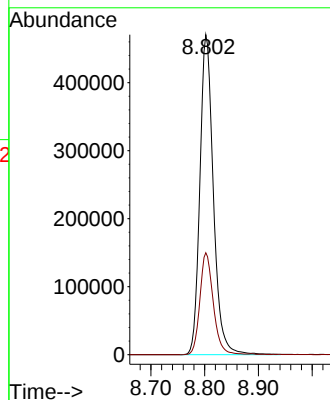
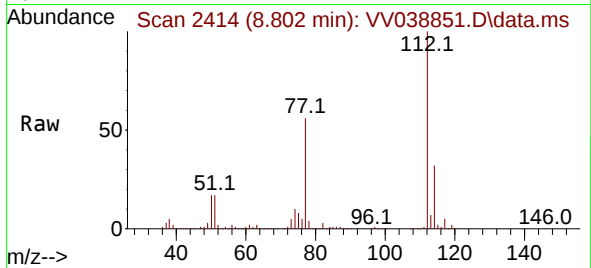




#65  
Chlorobenzene  
Concen: 51.133 ug/l  
RT: 8.802 min Scan# 2414  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

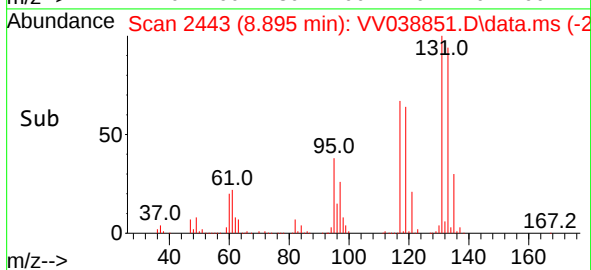
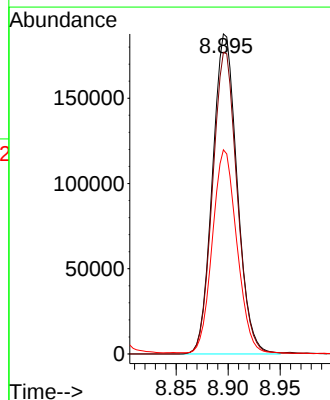
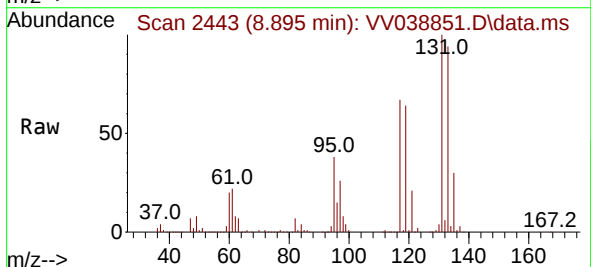
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

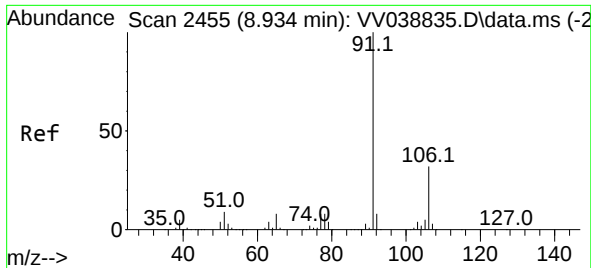
Tgt Ion:112 Resp: 818851  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.847 ug/l  
RT: 8.895 min Scan# 2443  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion:131 Resp: 310050  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.3 142.0  
119 63.4 31.0 93.0





#67

Ethyl Benzene

Concen: 54.255 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

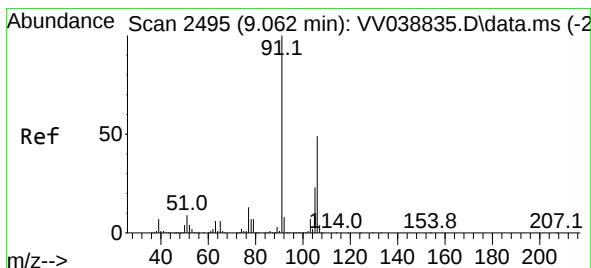
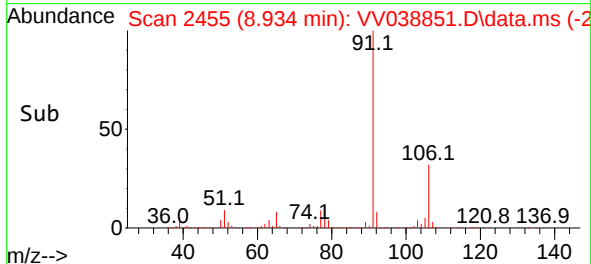
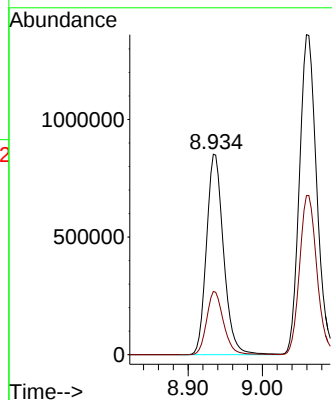
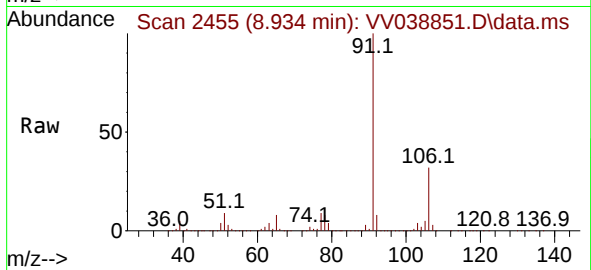
VSTDCCC050

Tgt Ion: 91 Resp: 1361264

Ion Ratio Lower Upper

91 100

106 31.5 25.2 37.8



#68

m/p-Xylenes

Concen: 114.639 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038851.D

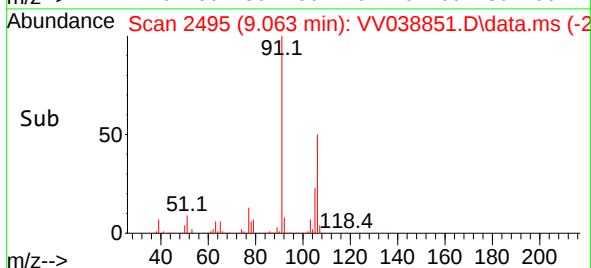
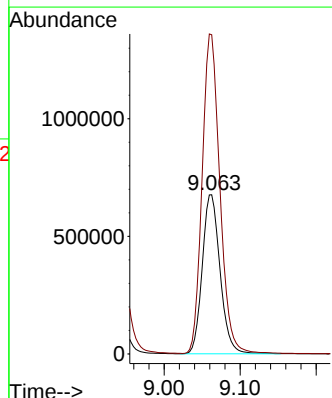
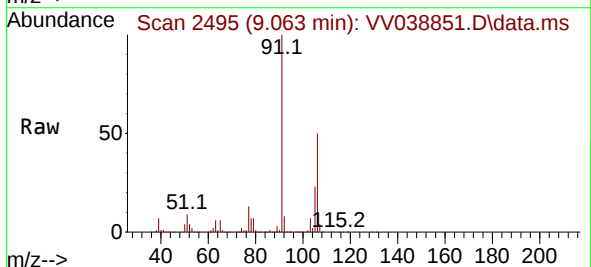
Acq: 03 Jul 2025 09:09

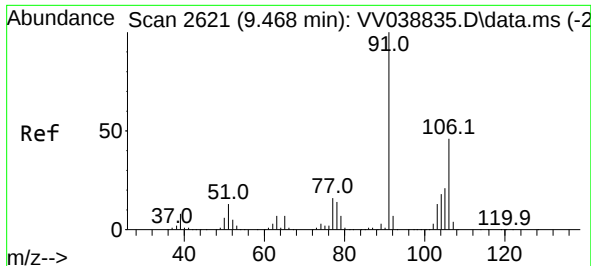
Tgt Ion: 106 Resp: 1101705

Ion Ratio Lower Upper

106 100

91 200.5 162.9 244.3

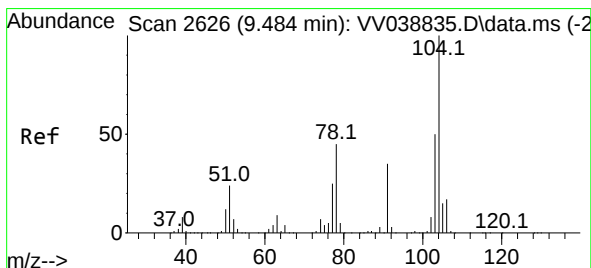
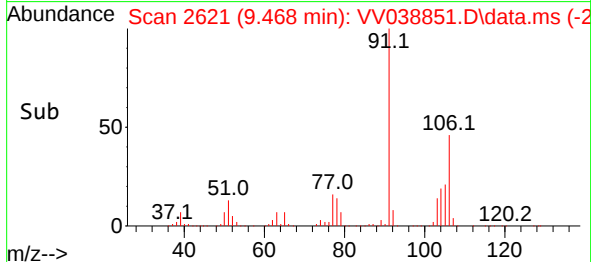
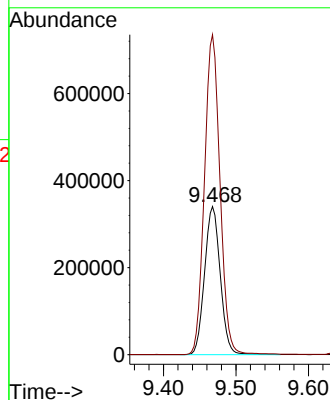
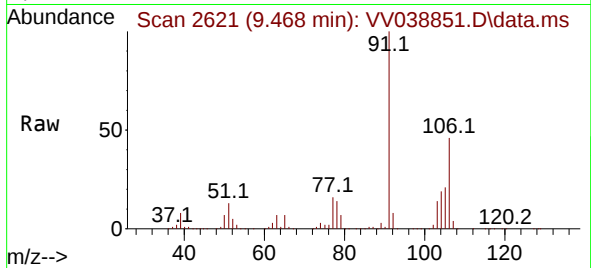




#69  
o-Xylene  
Concen: 55.647 ug/l  
RT: 9.468 min Scan# 2621  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

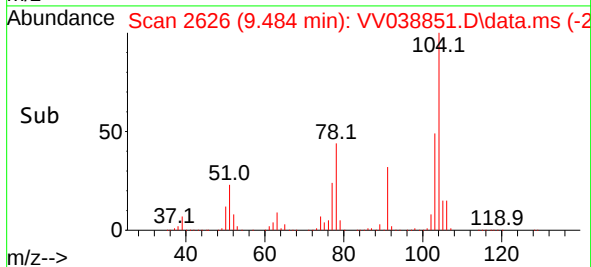
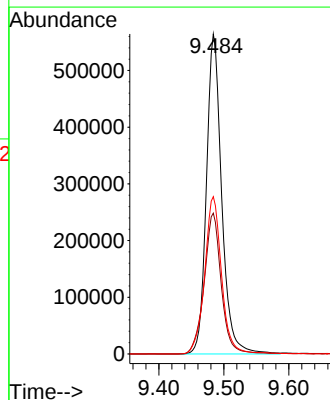
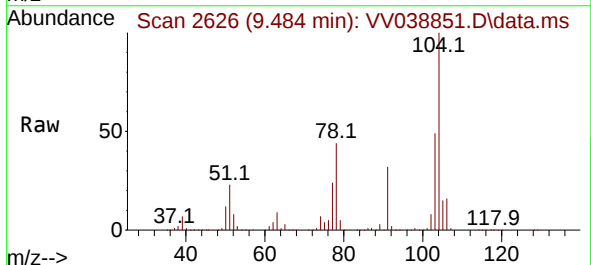
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

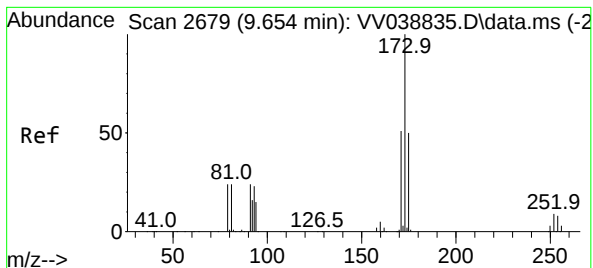
Tgt Ion:106 Resp: 510932  
Ion Ratio Lower Upper  
106 100  
91 214.3 107.6 322.8



#70  
Styrene  
Concen: 57.723 ug/l  
RT: 9.484 min Scan# 2626  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion:104 Resp: 925338  
Ion Ratio Lower Upper  
104 100  
78 49.2 39.9 59.9  
103 54.5 43.4 65.0





#71

Bromoform

Concen: 53.296 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

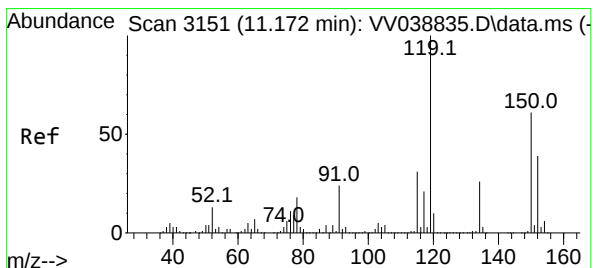
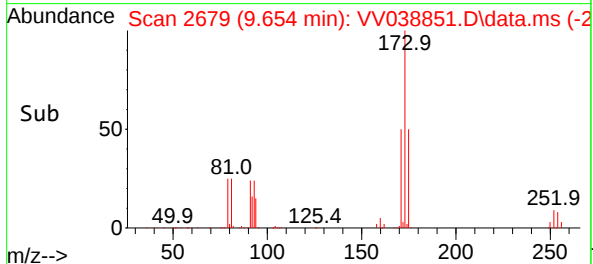
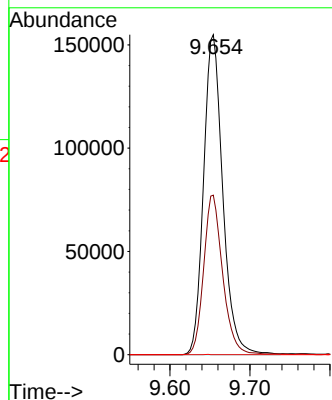
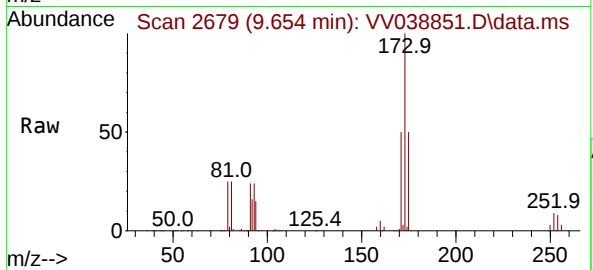
Tgt Ion:173 Resp: 258985

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.9

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

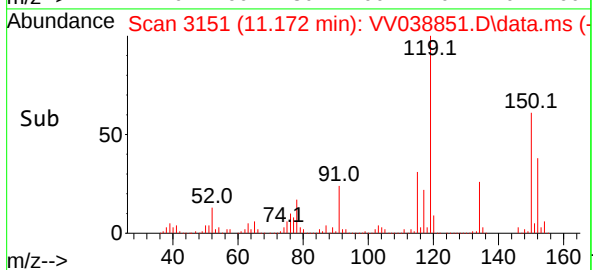
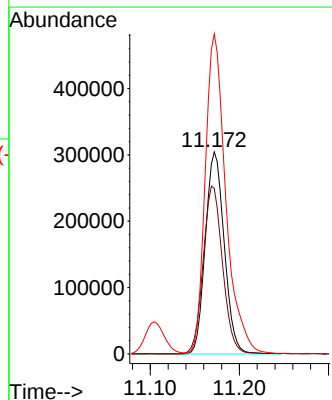
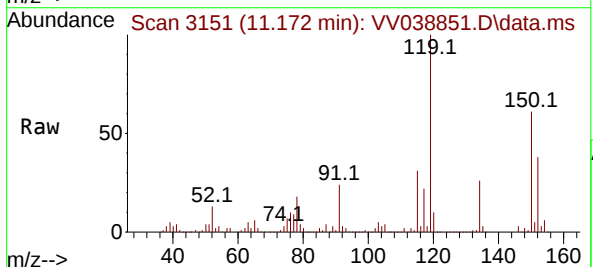
Tgt Ion:152 Resp: 448570

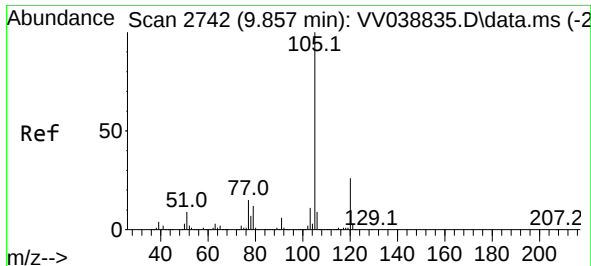
Ion Ratio Lower Upper

152 100

115 85.0 42.0 126.0

150 171.6 0.0 343.6

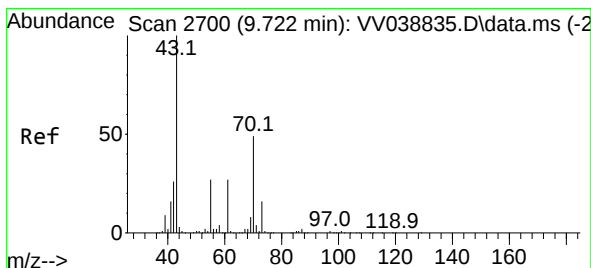
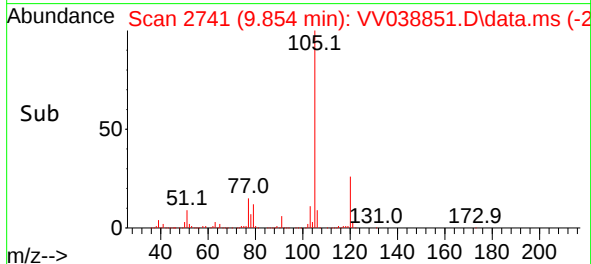
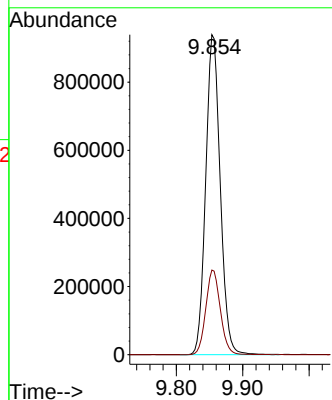
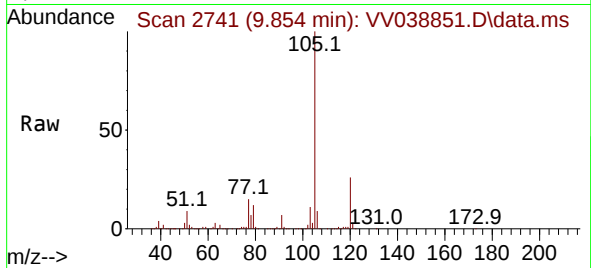




#73  
Isopropylbenzene  
Concen: 54.222 ug/l  
RT: 9.854 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

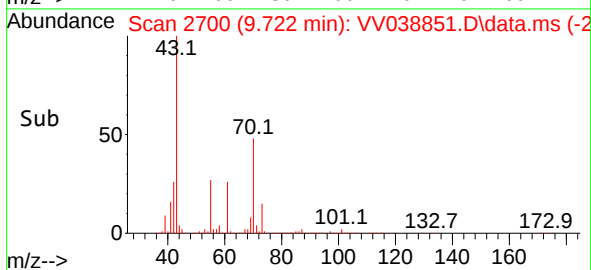
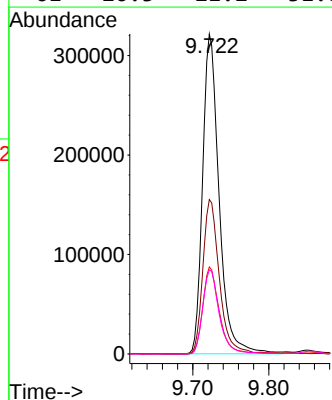
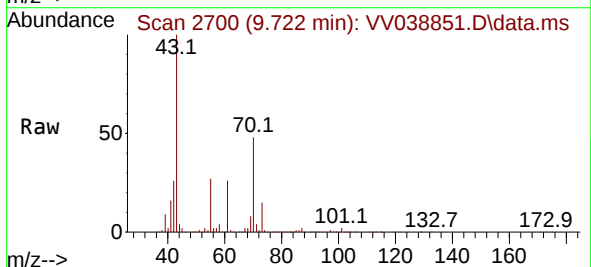
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

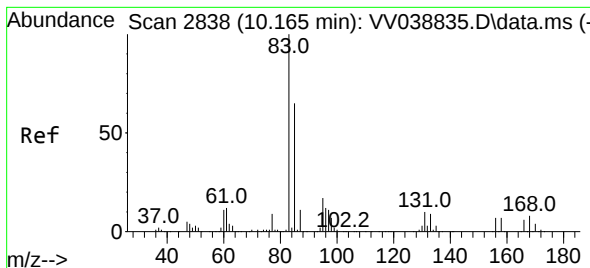
Tgt Ion:105 Resp: 1427421  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.1 39.3



#74  
N-ethyl acetate  
Concen: 52.572 ug/l  
RT: 9.722 min Scan# 2700  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 43 Resp: 484431  
Ion Ratio Lower Upper  
43 100  
70 48.3 39.7 59.5  
55 27.3 22.1 33.1  
61 26.3 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.713 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

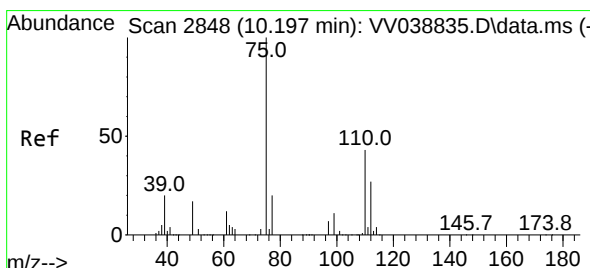
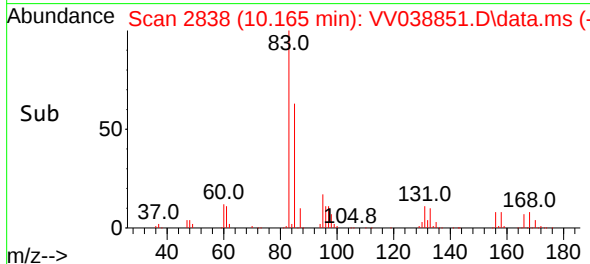
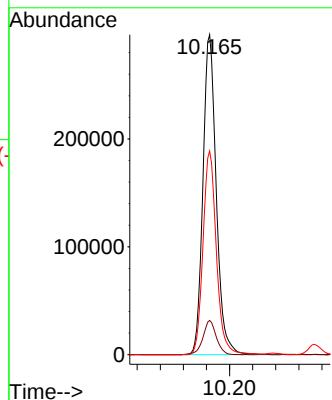
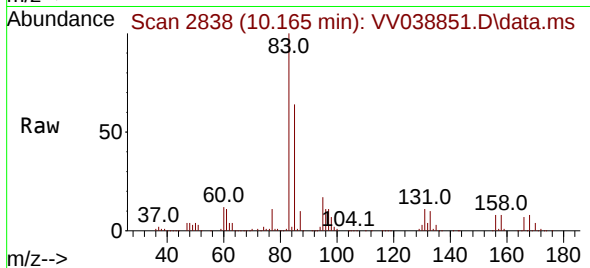
Tgt Ion: 83 Resp: 474445

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

85 64.0 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 51.326 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038851.D

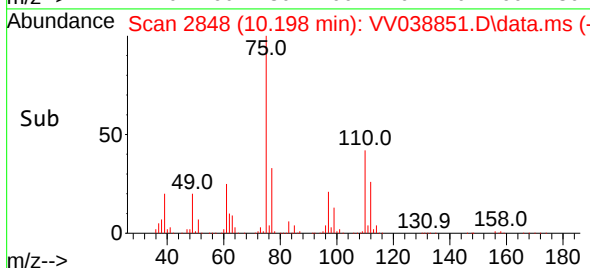
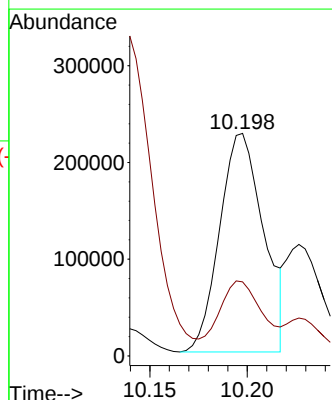
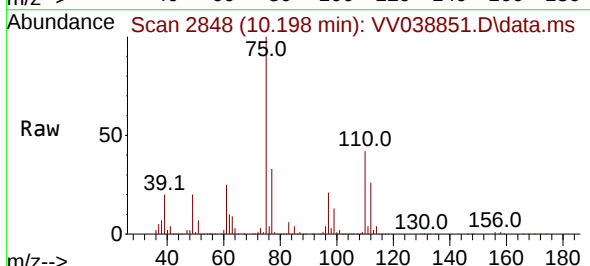
Acq: 03 Jul 2025 09:09

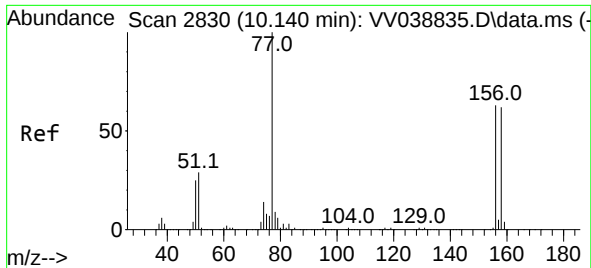
Tgt Ion: 75 Resp: 356225

Ion Ratio Lower Upper

75 100

77 22.5 11.7 35.1

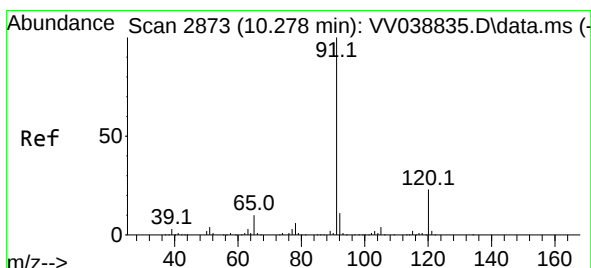
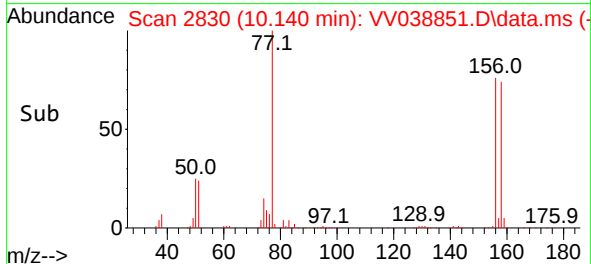
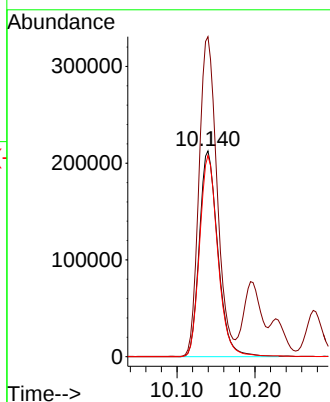
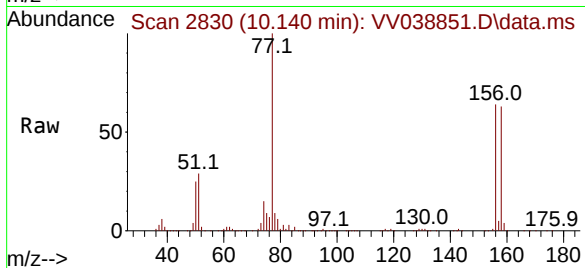




#77  
Bromobenzene  
Concen: 51.670 ug/l  
RT: 10.140 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

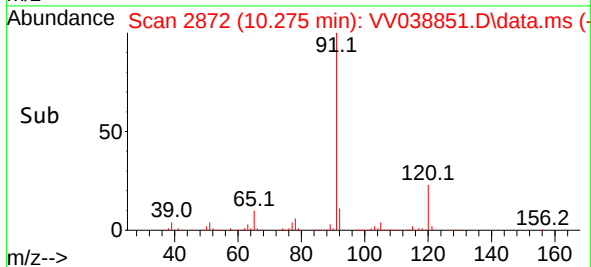
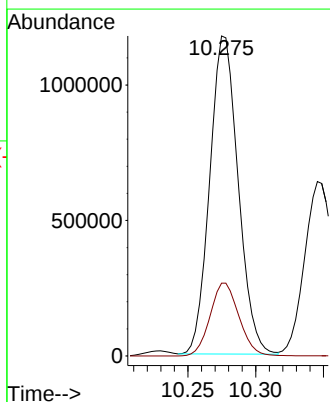
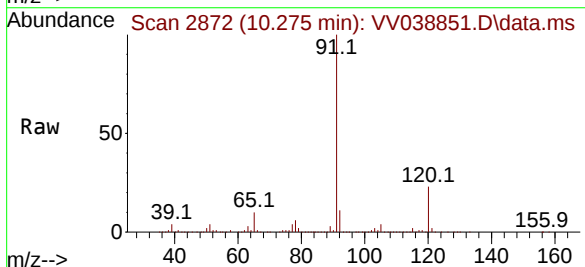
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

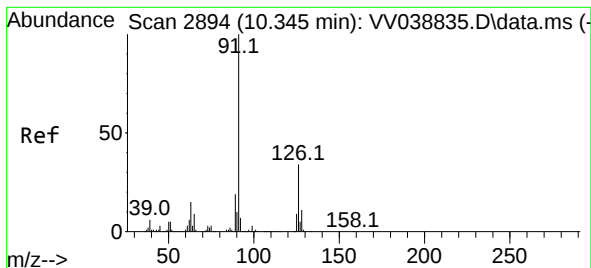
Tgt Ion:156 Resp: 350905  
Ion Ratio Lower Upper  
156 100  
77 151.9 77.0 230.8  
158 96.3 48.8 146.3



#78  
n-propylbenzene  
Concen: 54.599 ug/l  
RT: 10.275 min Scan# 2872  
Delta R.T. -0.003 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 91 Resp: 1710528  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.7 35.0

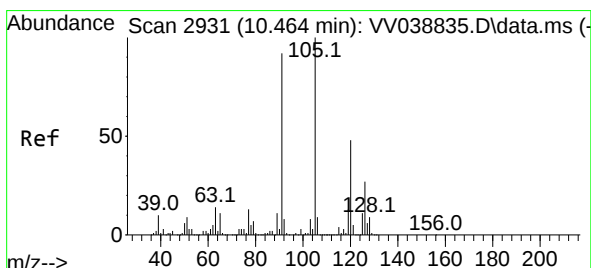
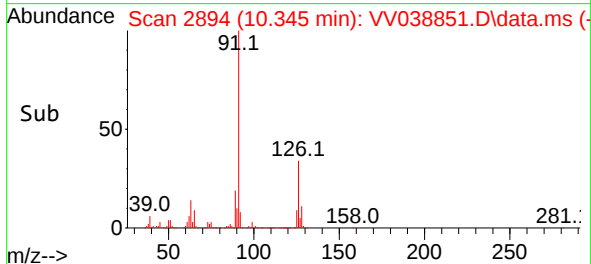
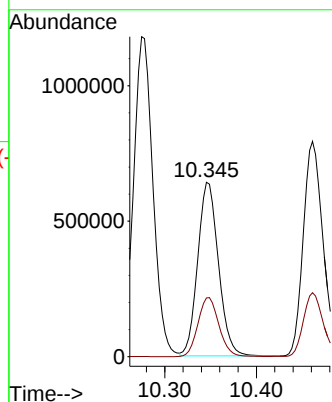
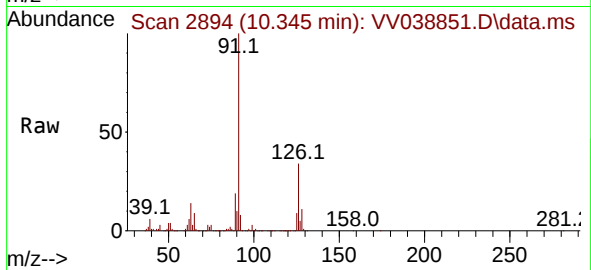




#79  
2-Chlorotoluene  
Concen: 52.899 ug/l  
RT: 10.345 min Scan# 2894  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

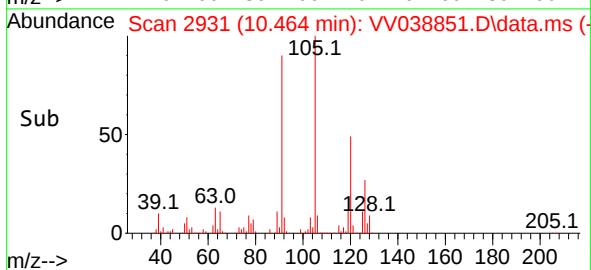
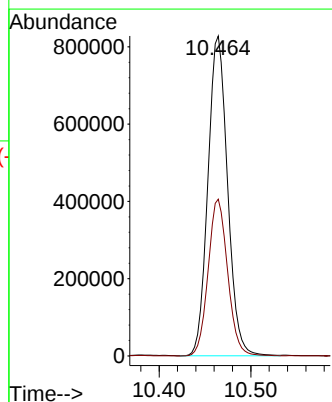
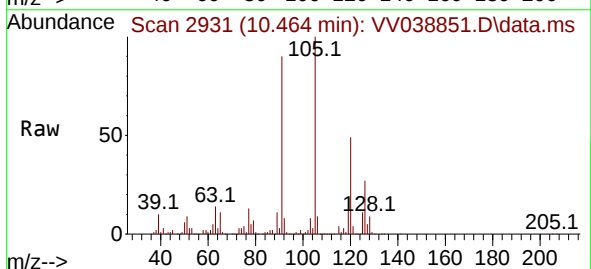
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

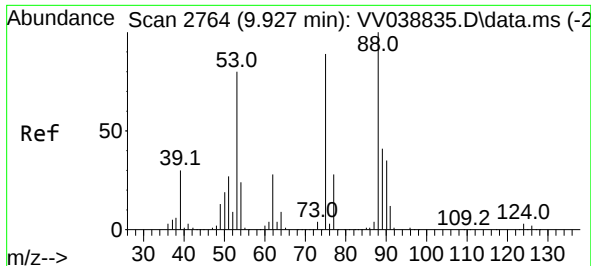
Tgt Ion: 91 Resp: 1006476  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.1 51.3



#80  
1,3,5-Trimethylbenzene  
Concen: 54.850 ug/l  
RT: 10.464 min Scan# 2931  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion:105 Resp: 1234619  
Ion Ratio Lower Upper  
105 100  
120 48.7 23.9 71.7

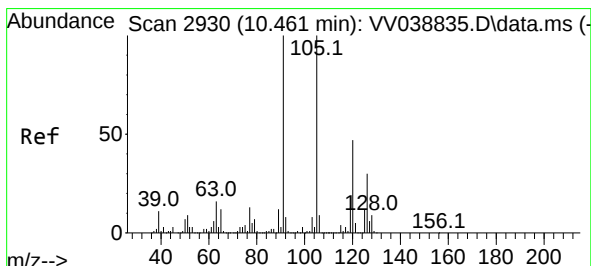
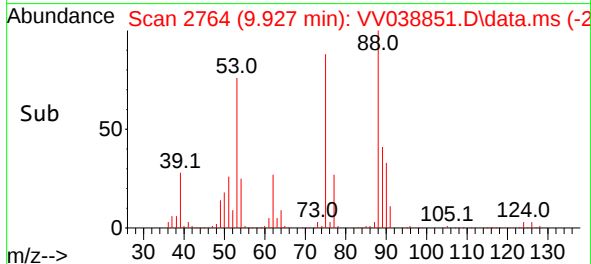
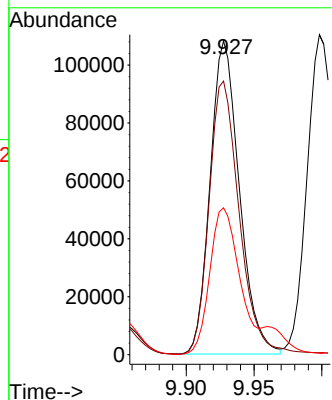
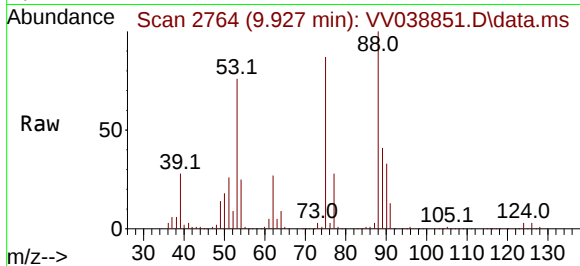




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.719 ug/l  
RT: 9.927 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

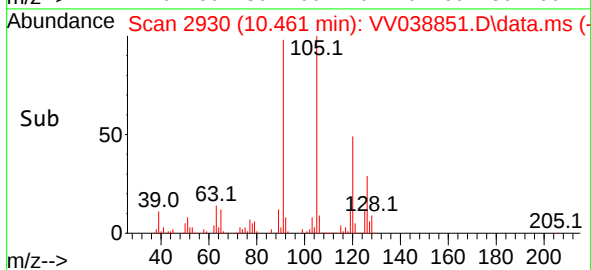
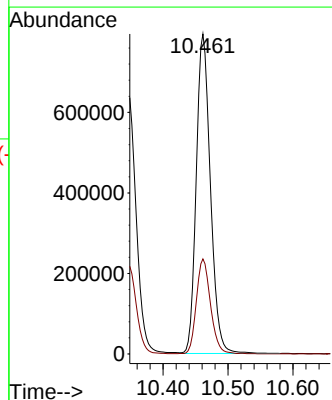
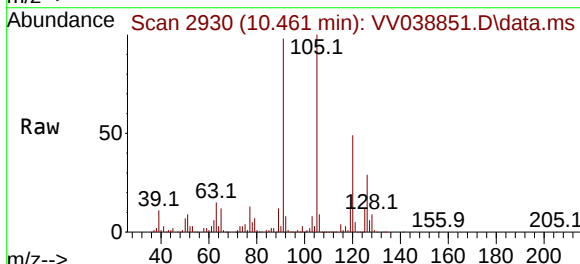
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

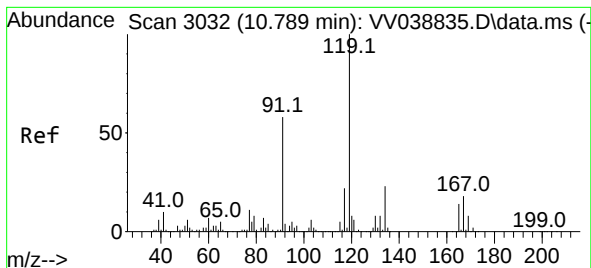
Tgt Ion: 75 Resp: 162108  
Ion Ratio Lower Upper  
75 100  
53 90.0 71.2 106.8  
89 47.8 44.6 66.8



#82  
4-Chlorotoluene  
Concen: 54.807 ug/l  
RT: 10.461 min Scan# 2930  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 91 Resp: 1202146  
Ion Ratio Lower Upper  
91 100  
126 29.5 14.8 44.3





#83

tert-Butylbenzene

Concen: 52.978 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

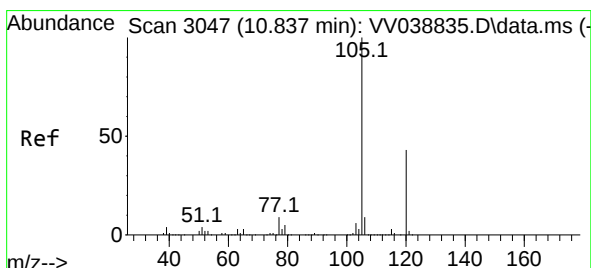
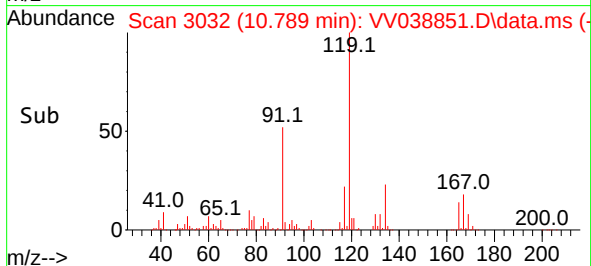
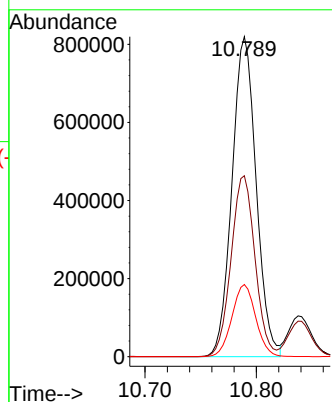
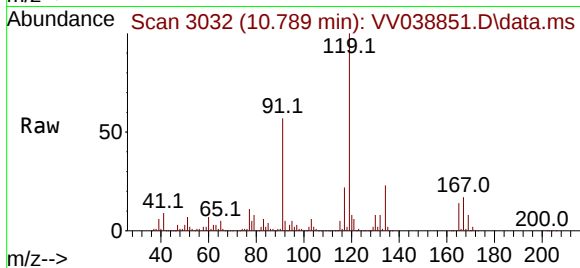
Tgt Ion:119 Resp: 1236817

Ion Ratio Lower Upper

119 100

91 55.9 28.5 85.5

134 22.3 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 55.627 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038851.D

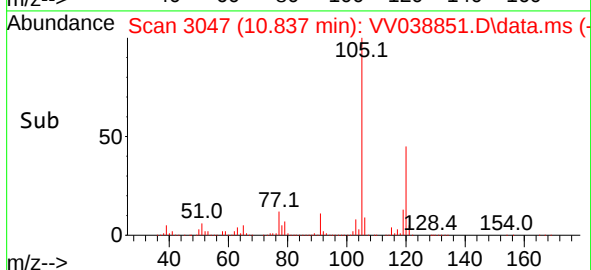
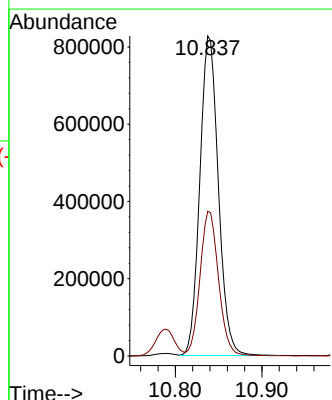
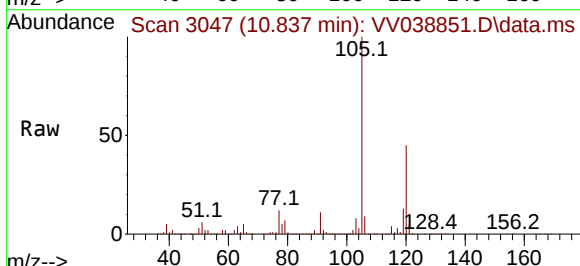
Acq: 03 Jul 2025 09:09

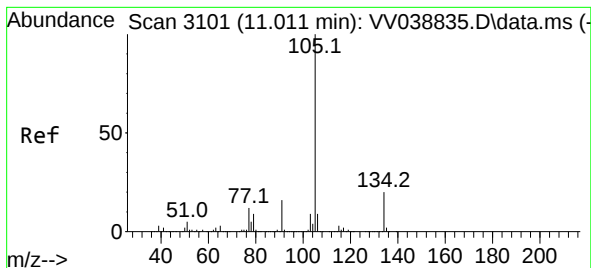
Tgt Ion:105 Resp: 1227211

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.0





#85

sec-Butylbenzene

Concen: 54.172 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

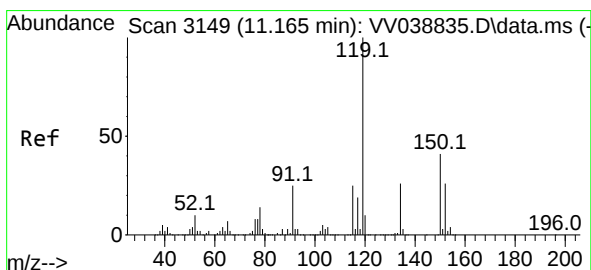
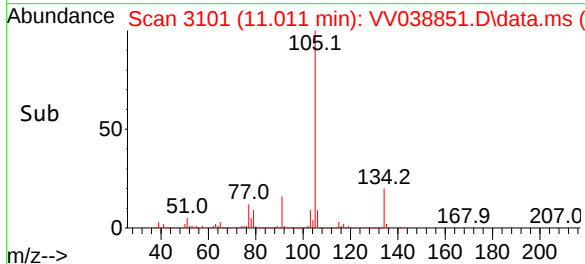
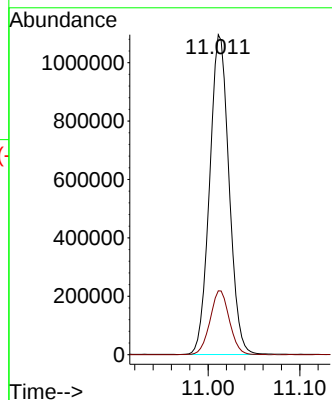
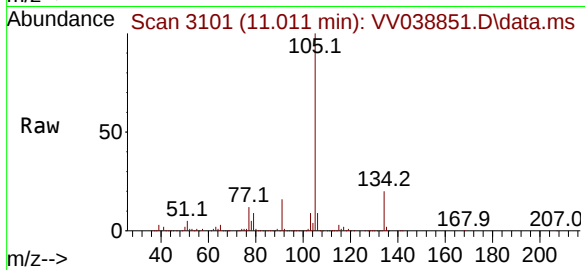
VSTDCCC050

Tgt Ion:105 Resp: 1610052

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 54.063 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

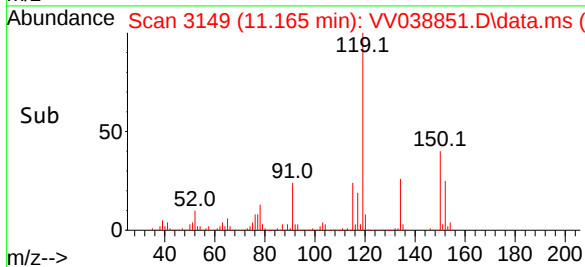
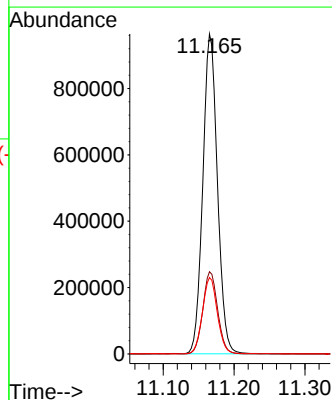
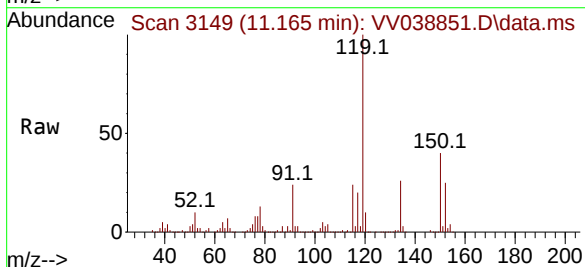
Tgt Ion:119 Resp: 1377652

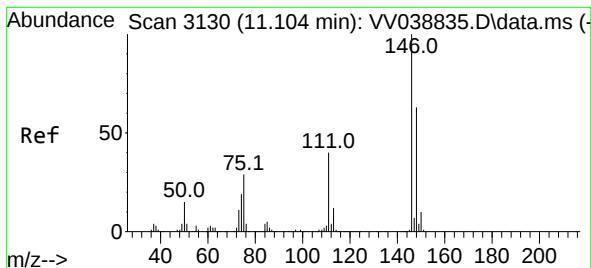
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 24.2 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 51.204 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

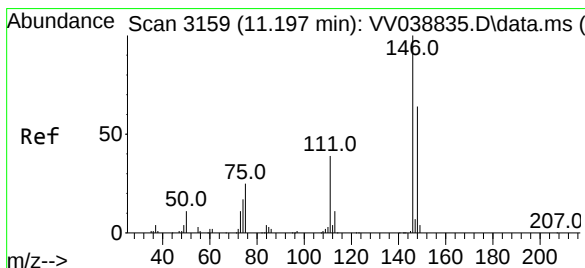
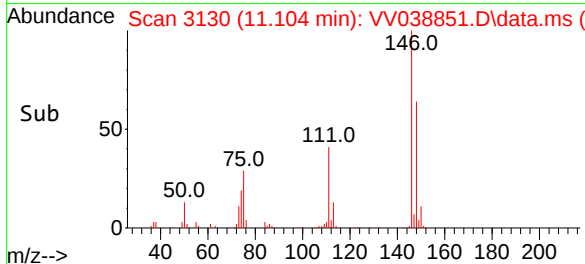
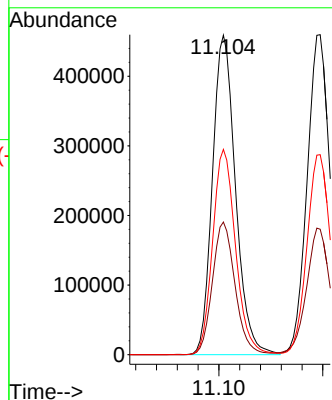
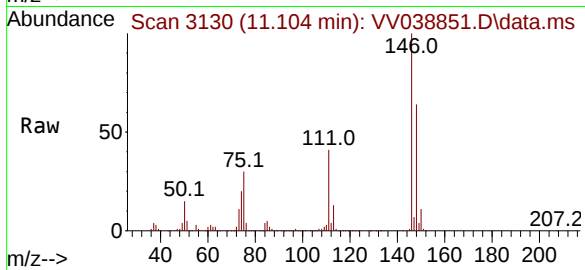
Tgt Ion:146 Resp: 706953

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

148 64.0 31.3 93.8



#88

1,4-Dichlorobenzene

Concen: 49.835 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

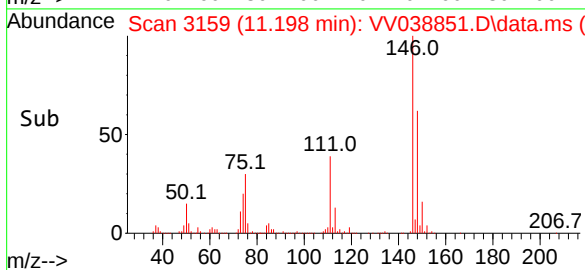
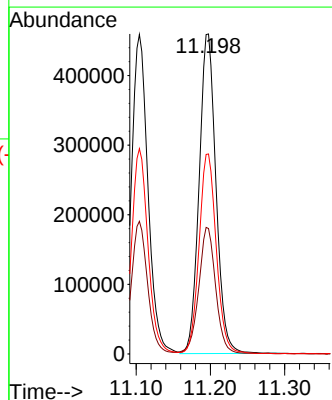
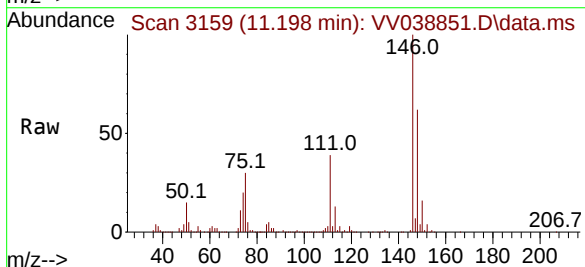
Tgt Ion:146 Resp: 724993

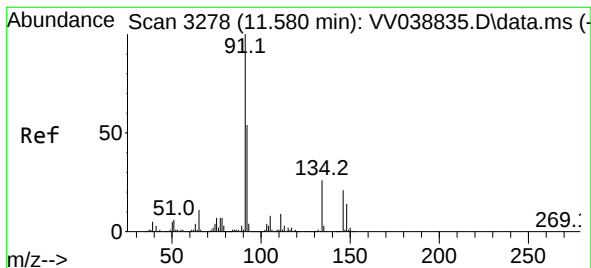
Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.3

148 63.8 32.0 96.2





#89

n-Butylbenzene

Concen: 55.334 ug/l

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

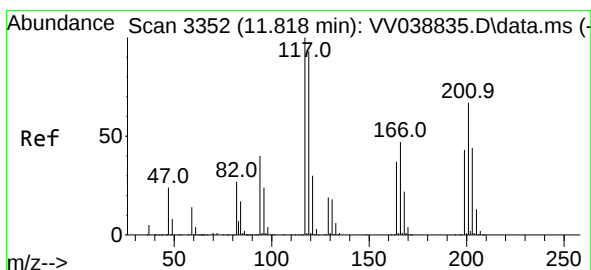
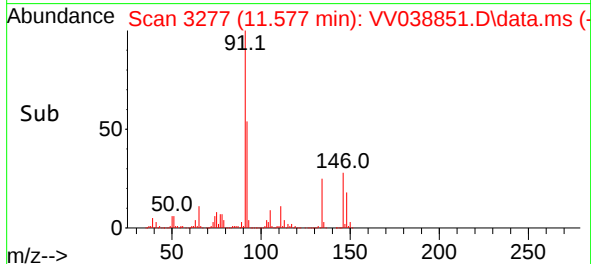
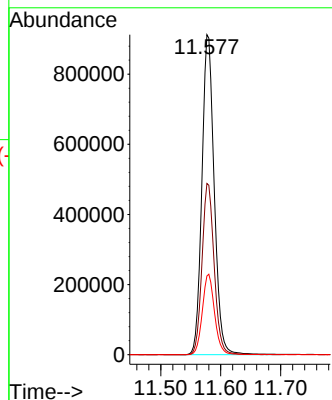
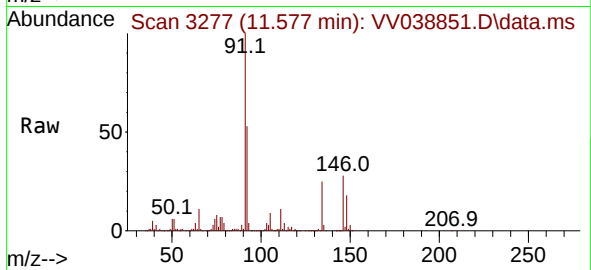
Tgt Ion: 91 Resp: 1306797

Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.0

134 24.9 12.9 38.7



#90

Hexachloroethane

Concen: 48.795 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038851.D

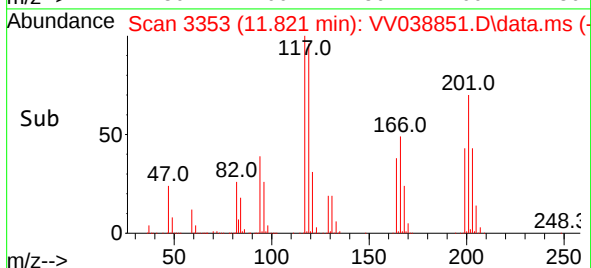
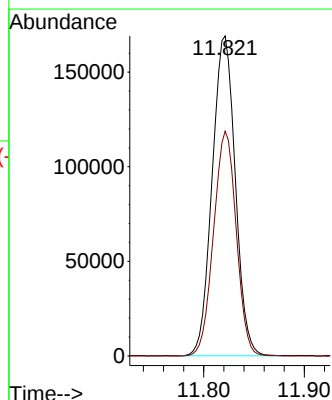
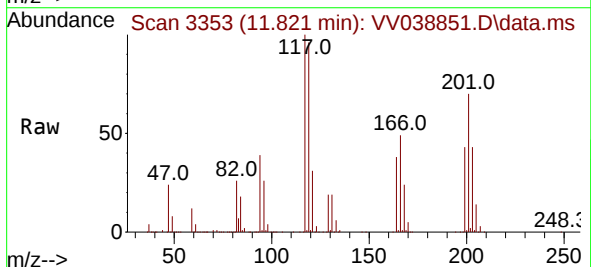
Acq: 03 Jul 2025 09:09

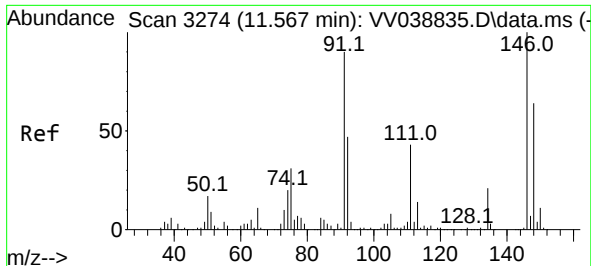
Tgt Ion: 117 Resp: 269899

Ion Ratio Lower Upper

117 100

201 68.9 34.4 103.1

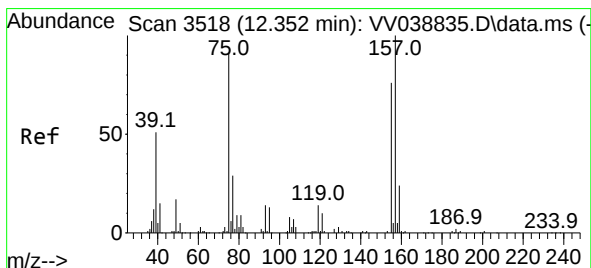
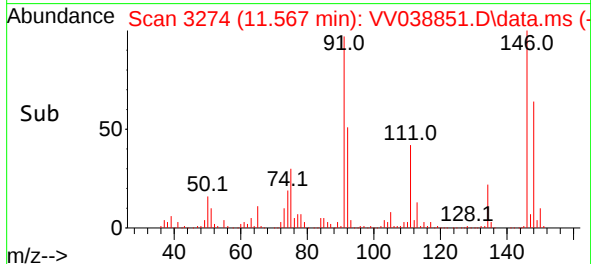
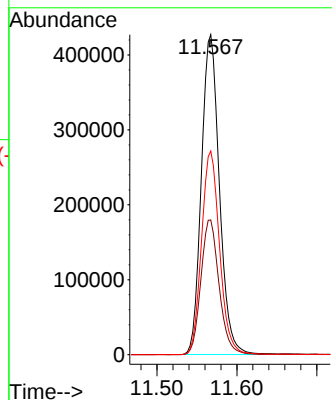
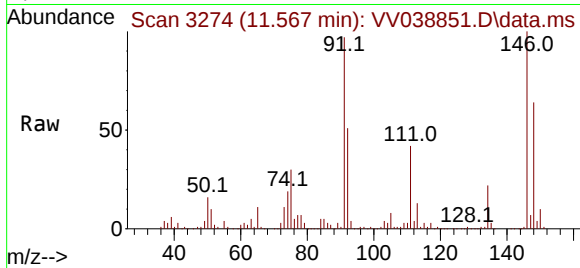




#91  
1,2-Dichlorobenzene  
Concen: 51.581 ug/l  
RT: 11.567 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

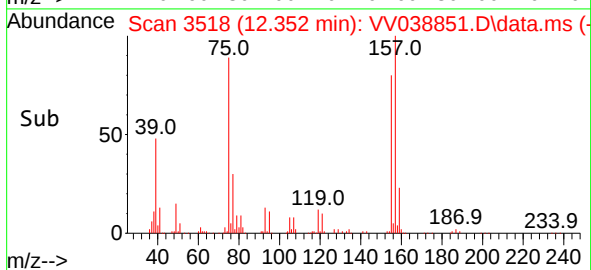
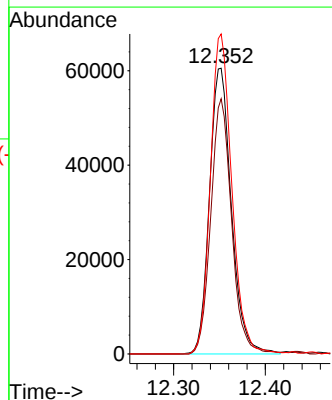
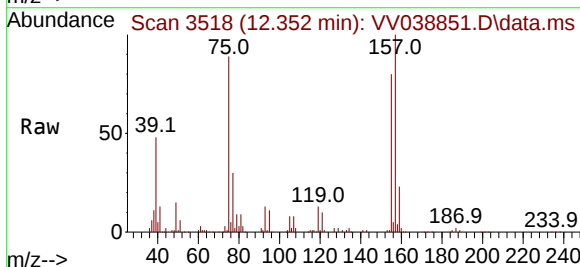
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDCCC050

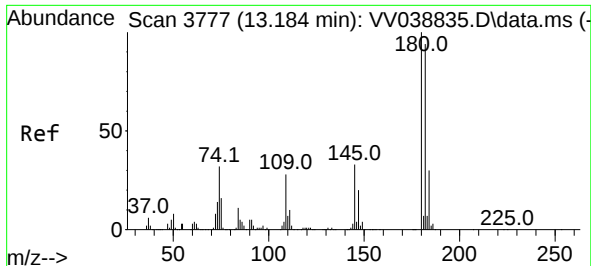
Tgt Ion:146 Resp: 671252  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.3 63.7  
148 63.8 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.749 ug/l  
RT: 12.352 min Scan# 3518  
Delta R.T. 0.000 min  
Lab File: VV038851.D  
Acq: 03 Jul 2025 09:09

Tgt Ion: 75 Resp: 100522  
Ion Ratio Lower Upper  
75 100  
155 84.9 43.2 129.6  
157 109.5 54.9 164.5

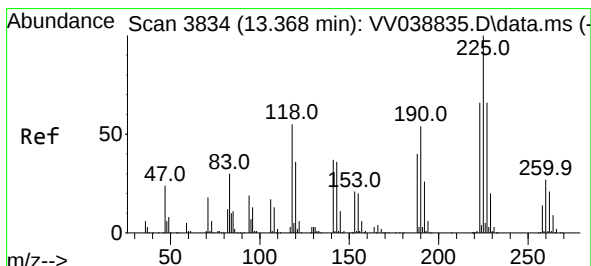
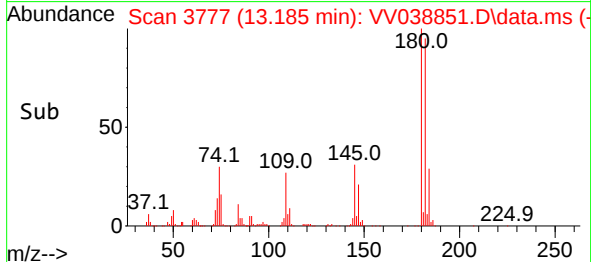
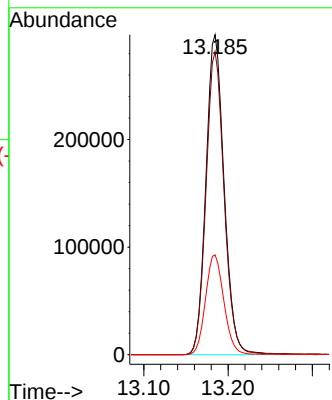
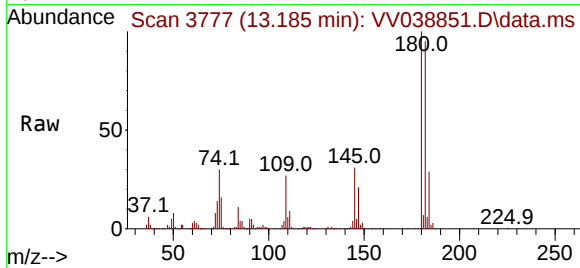




#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.007 ug/l  
 RT: 13.185 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VV038851.D  
 Acq: 03 Jul 2025 09:09

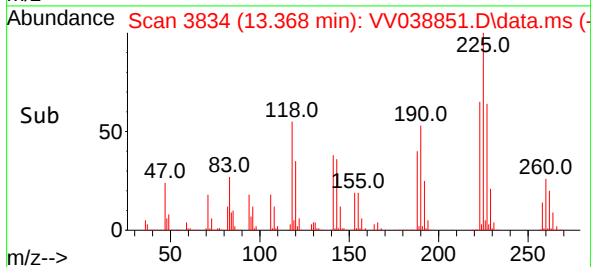
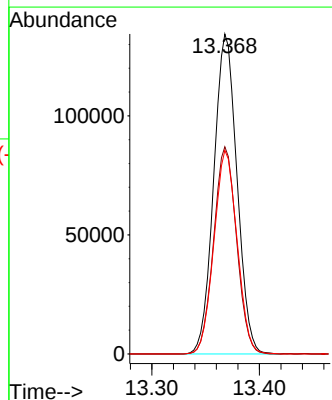
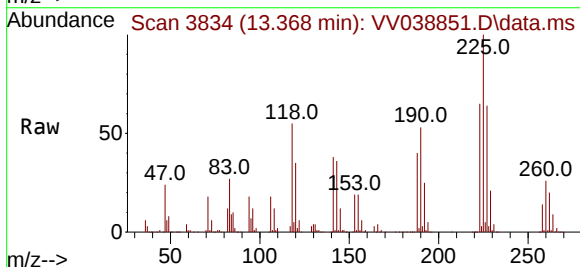
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDCCC050

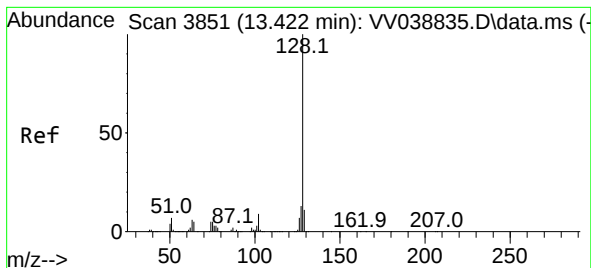
Tgt Ion:180 Resp: 447126  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 47.6 142.8  
 145 31.5 16.4 49.1



#94  
 Hexachlorobutadiene  
 Concen: 49.526 ug/l  
 RT: 13.368 min Scan# 3834  
 Delta R.T. 0.000 min  
 Lab File: VV038851.D  
 Acq: 03 Jul 2025 09:09

Tgt Ion:225 Resp: 201602  
 Ion Ratio Lower Upper  
 225 100  
 223 63.9 33.2 99.6  
 227 63.3 32.3 96.8





#95

Naphthalene

Concen: 54.057 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA\_V

ClientSampleId :

VSTDCCC050

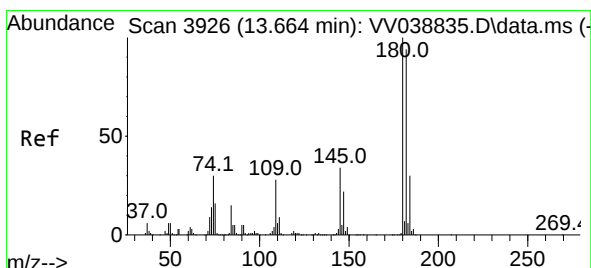
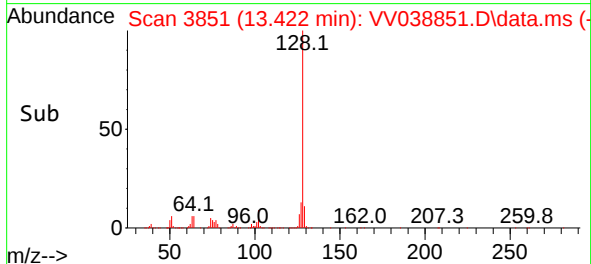
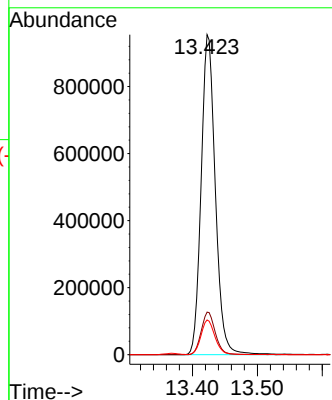
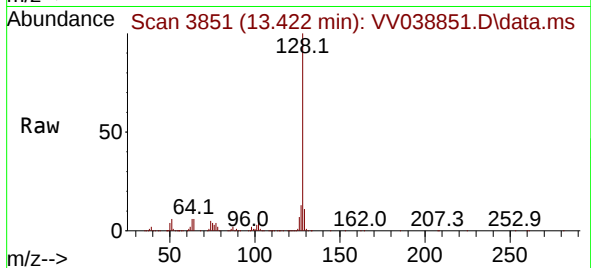
Tgt Ion:128 Resp: 1450604

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.632 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV038851.D

Acq: 03 Jul 2025 09:09

Tgt Ion:180 Resp: 458161

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 34.3 17.1 51.2

