

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV082525\  
 Data File : VV039026.D  
 Acq On : 25 Aug 2025 11:46  
 Operator : SY/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICC100

Quant Time: Aug 26 02:15:37 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V082525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 26 02:10:43 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 4.600  | 168  | 558151   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.532  | 114  | 934664   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 8.776  | 117  | 909657   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.172 | 152  | 489386   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 4.941  | 65    | 737690   | 91.635   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 81 - 118 | Recovery | = 183.260%# |      |
| 35) Dibromofluoromethane    | 4.500  | 113   | 636078   | 94.499   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 80 - 119 | Recovery | = 189.000%# |      |
| 50) Toluene-d8              | 7.236  | 98    | 2364572  | 99.216   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 89 - 112 | Recovery | = 198.440%# |      |
| 62) 4-Bromofluorobenzene    | 10.001 | 95    | 909411   | 104.139  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 85 - 114 | Recovery | = 208.280%# |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.121 | 85  | 691211  | 92.477  | ug/l   | 99  |
| 3) Chloromethane             | 1.230 | 50  | 718529  | 90.208  | ug/l   | 98  |
| 4) Vinyl Chloride            | 1.298 | 62  | 856132  | 92.170  | ug/l   | 99  |
| 5) Bromomethane              | 1.487 | 94  | 459734  | 98.502  | ug/l   | 99  |
| 6) Chloroethane              | 1.555 | 64  | 505143  | 91.969  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 1.722 | 101 | 1212388 | 90.674  | ug/l   | 99  |
| 8) Diethyl Ether             | 1.918 | 74  | 475692  | 93.783  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 2.079 | 101 | 720450  | 89.441  | ug/l   | 100 |
| 10) Methyl Iodide            | 2.195 | 142 | 796428  | 102.195 | ug/l   | 95  |
| 11) Tert butyl alcohol       | 2.571 | 59  | 665199  | 460.312 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 2.079 | 96  | 705159  | 91.435  | ug/l   | 99  |
| 13) Acrolein                 | 2.008 | 56  | 216085  | 331.183 | ug/l   | 98  |
| 14) Allyl chloride           | 2.355 | 41  | 1068559 | 88.029  | ug/l   | 98  |
| 15) Acrylonitrile            | 2.671 | 53  | 2004325 | 465.065 | ug/l   | 99  |
| 16) Acetone                  | 2.117 | 43  | 2069616 | 407.043 | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.253 | 76  | 1988678 | 92.892  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.378 | 43  | 914067  | 92.285  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 2.709 | 73  | 2203069 | 96.947  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.455 | 84  | 723603  | 87.149  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 2.699 | 96  | 694747  | 89.878  | ug/l   | 95  |
| 22) Diisopropyl ether        | 3.214 | 45  | 2133363 | 96.572  | ug/l   | 93  |
| 23) Vinyl Acetate            | 3.185 | 43  | 9084310 | 501.528 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.117 | 63  | 1245142 | 89.974  | ug/l   | 99  |
| 25) 2-Butanone               | 3.857 | 43  | 2547893 | 455.535 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 3.812 | 77  | 1089707 | 91.601  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 3.818 | 96  | 819824  | 95.693  | ug/l   | 98  |
| 28) Bromochloromethane       | 4.146 | 49  | 277326  | 100.353 | ug/l   | 97  |
| 29) Tetrahydrofuran          | 4.230 | 42  | 1683206 | 488.304 | ug/l   | 98  |
| 30) Chloroform               | 4.278 | 83  | 1286127 | 89.352  | ug/l   | 98  |
| 31) Cyclohexane              | 4.584 | 56  | 1091668 | 89.194  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 4.513 | 97  | 1167209 | 92.123  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 4.744 | 75  | 894461  | 98.876  | ug/l   | 99  |
| 37) Ethyl Acetate            | 3.970 | 43  | 981437  | 92.432  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 4.735 | 117 | 1016587 | 93.844  | ug/l   | 100 |
| 39) Methylcyclohexane        | 6.047 | 83  | 1228118 | 105.754 | ug/l   | 99  |
| 40) Benzene                  | 5.008 | 78  | 2765615 | 95.662  | ug/l   | 99  |

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 Operator : SY/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICC100

Quant Time: Aug 26 02:15:37 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V082525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 26 02:10:43 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.153  | 41   | 466438   | 100.155  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 5.037  | 62   | 924720   | 91.730   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.188  | 43   | 1564853  | 103.558  | ug/l   | 98       |
| 44) Trichloroethene           | 5.828  | 130  | 719731   | 99.154   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 6.088  | 63   | 694914   | 94.551   | ug/l   | 98       |
| 46) Dibromomethane            | 6.223  | 93   | 528879   | 94.888   | ug/l   | 100      |
| 47) Bromodichloromethane      | 6.426  | 83   | 1123897  | 97.861   | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.291  | 41   | 754813   | 102.354  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 6.288  | 88   | 257905   | 2066.532 | ug/l   | 88       |
| 51) 4-Methyl-2-Pentanone      | 7.146  | 43   | 5609572  | 523.337  | ug/l   | 99       |
| 52) Toluene                   | 7.307  | 92   | 1901323  | 103.114  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 7.571  | 75   | 1176005  | 106.666  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 6.947  | 75   | 1268260  | 107.083  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 7.760  | 97   | 755677   | 98.231   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 7.712  | 69   | 1219644  | 119.530  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 7.934  | 76   | 1254595  | 101.027  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 6.809  | 63   | 3178545  | 501.471  | ug/l   | 99       |
| 59) 2-Hexanone                | 8.063  | 43   | 4176903  | 526.827  | ug/l   | 98       |
| 60) Dibromochloromethane      | 8.169  | 129  | 893118   | 100.358  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.272  | 107  | 804862   | 101.370  | ug/l   | 100      |
| 64) Tetrachloroethene         | 7.899  | 164  | 620626   | 95.973   | ug/l   | 99       |
| 65) Chlorobenzene             | 8.802  | 112  | 2072667  | 95.221   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 8.899  | 131  | 723394   | 95.186   | ug/l   | 100      |
| 67) Ethyl Benzene             | 8.937  | 91   | 3643260  | 105.794  | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.063  | 106  | 2803445  | 211.726  | ug/l   | 99       |
| 69) o-Xylene                  | 9.468  | 106  | 1362224  | 112.368  | ug/l   | 99       |
| 70) Styrene                   | 9.484  | 104  | 2345148  | 109.806  | ug/l   | 99       |
| 71) Bromoform                 | 9.654  | 173  | 620920   | 101.044  | ug/l # | 100      |
| 73) Isopropylbenzene          | 9.857  | 105  | 3666873  | 106.914  | ug/l   | 100      |
| 74) N-amyl acetate            | 9.722  | 43   | 1525983  | 108.261  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.165 | 83   | 1213175  | 89.790   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.198 | 75   | 885593   | 92.187   | ug/l   | 76       |
| 77) Bromobenzene              | 10.140 | 156  | 842455   | 99.149   | ug/l   | 99       |
| 78) n-propylbenzene           | 10.278 | 91   | 4343780  | 107.288  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.349 | 91   | 2516555  | 100.878  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 10.464 | 105  | 3034101  | 107.802  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 9.927  | 75   | 467156   | 106.945  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 10.461 | 91   | 2972688  | 104.749  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 10.789 | 119  | 2943590  | 102.798  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 10.841 | 105  | 2921204  | 106.054  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.011 | 105  | 3885782  | 103.185  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.165 | 119  | 3294477  | 104.913  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.104 | 146  | 1658427  | 97.643   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 11.198 | 146  | 1675532  | 91.556   | ug/l   | 99       |
| 89) n-Butylbenzene            | 11.580 | 91   | 3211339  | 106.027  | ug/l   | 99       |
| 90) Hexachloroethane          | 11.821 | 117  | 646897   | 92.217   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 11.567 | 146  | 1596077  | 96.888   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.349 | 75   | 272885   | 92.977   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.185 | 180  | 1045383  | 109.514  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.368 | 225  | 409706   | 91.787   | ug/l   | 100      |
| 95) Naphthalene               | 13.422 | 128  | 3801809  | 114.832  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.664 | 180  | 1057233  | 109.302  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV082525\  
Data File : VV039026.D  
Acq On : 25 Aug 2025 11:46  
Operator : SY/MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 7 Sample Multiplier: 1

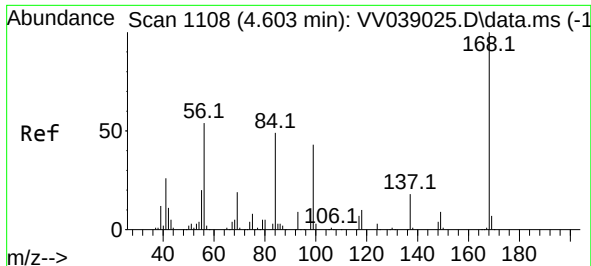
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC100

Quant Time: Aug 26 02:15:37 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V082525W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 26 02:10:43 2025  
Response via : Initial Calibration

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

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

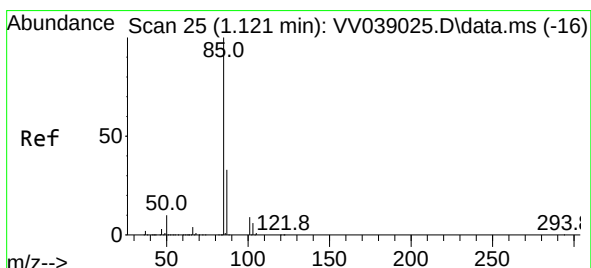
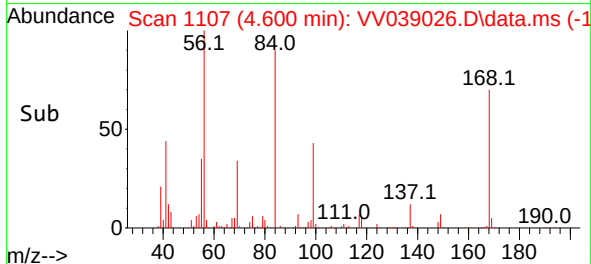
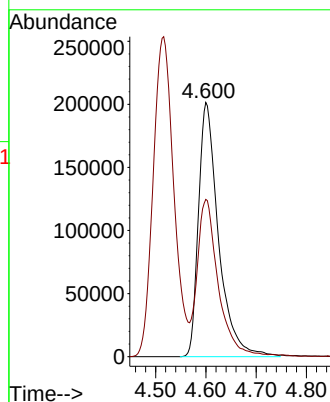
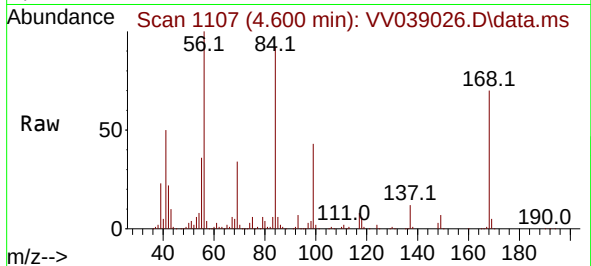




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.600 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

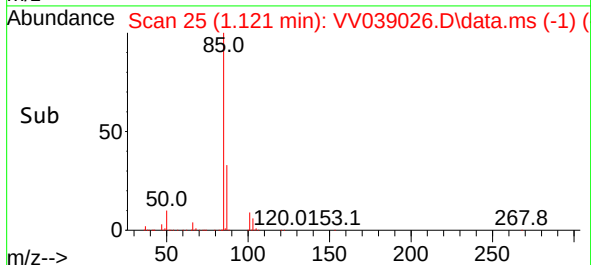
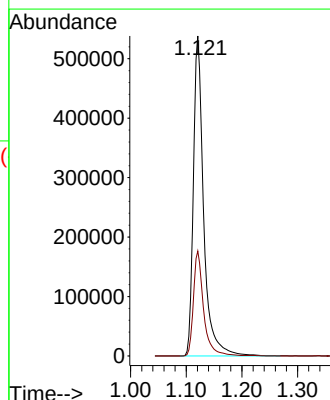
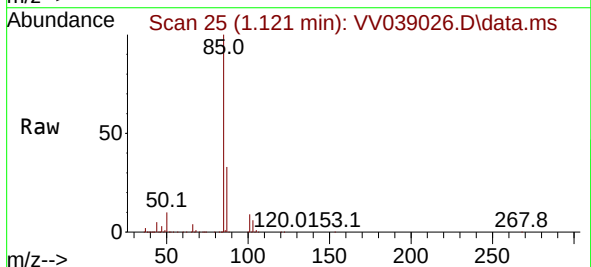
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC100

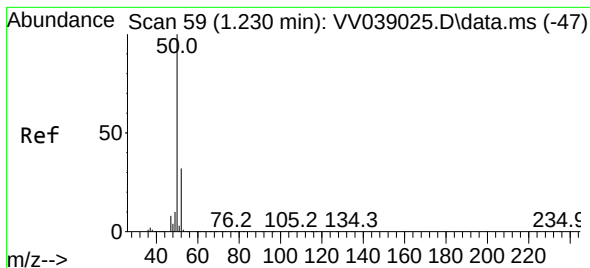
Tgt Ion:168 Resp: 558151  
Ion Ratio Lower Upper  
168 100  
99 61.2 47.8 71.8



#2  
Dichlorodifluoromethane  
Concen: 92.477 ug/l  
RT: 1.121 min Scan# 25  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 85 Resp: 691211  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.6 49.8

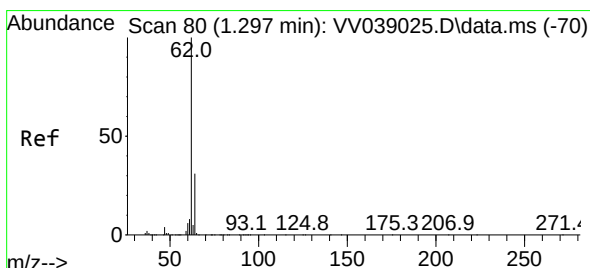
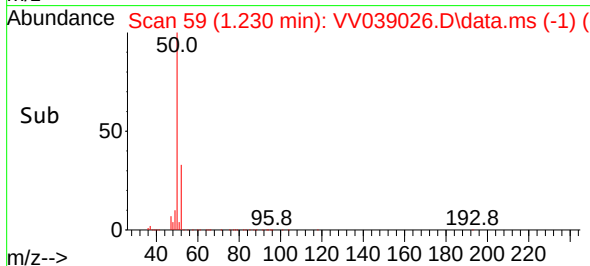
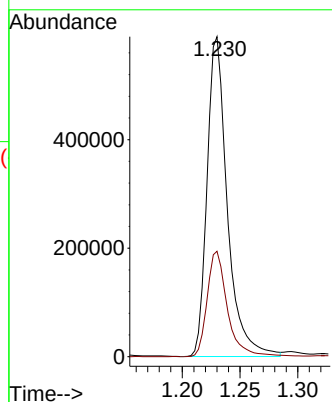
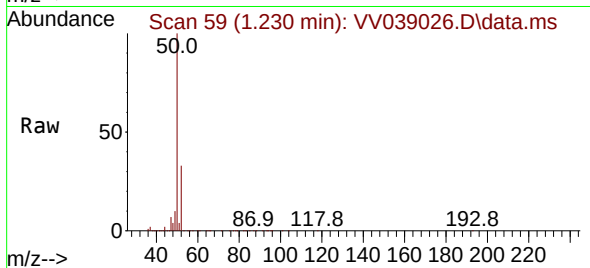




#3  
Chloromethane  
Concen: 90.208 ug/l  
RT: 1.230 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

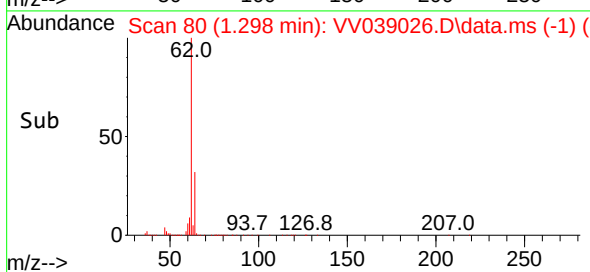
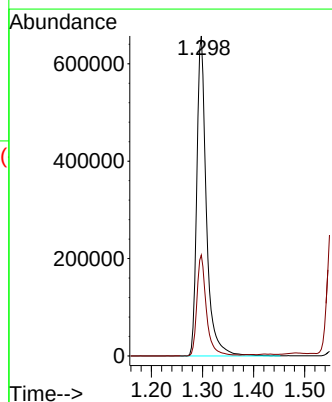
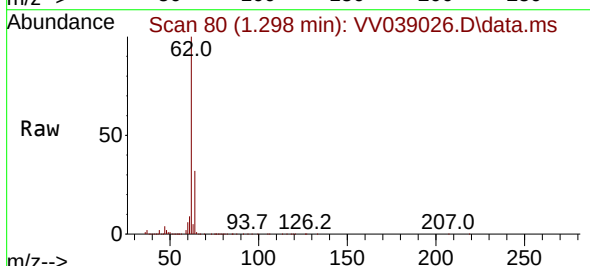
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

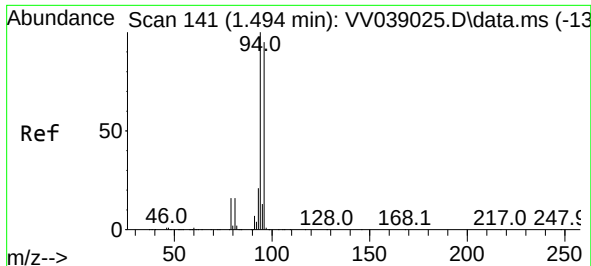
Tgt Ion: 50 Resp: 718529  
Ion Ratio Lower Upper  
50 100  
52 33.0 25.6 38.4



#4  
Vinyl Chloride  
Concen: 92.170 ug/l  
RT: 1.298 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 62 Resp: 856132  
Ion Ratio Lower Upper  
62 100  
64 31.5 24.7 37.1

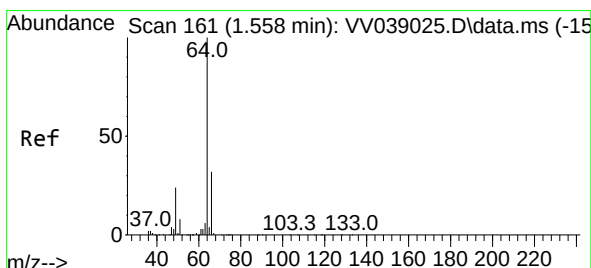
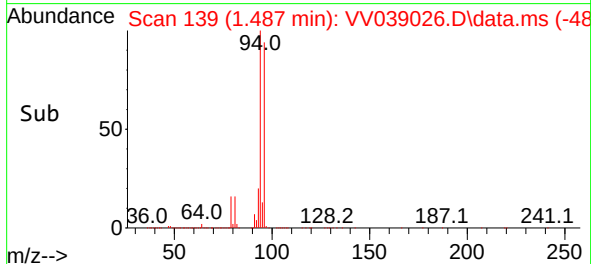
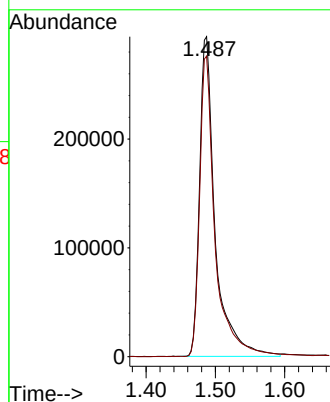
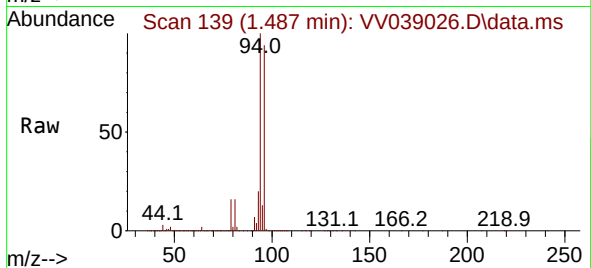




#5  
Bromomethane  
Concen: 98.502 ug/l  
RT: 1.487 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

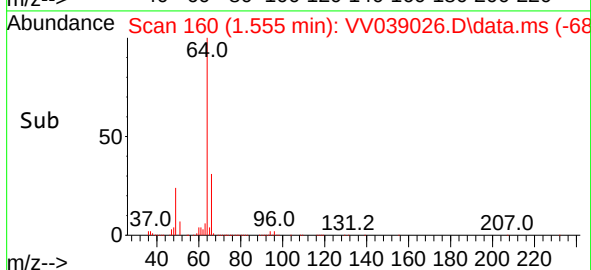
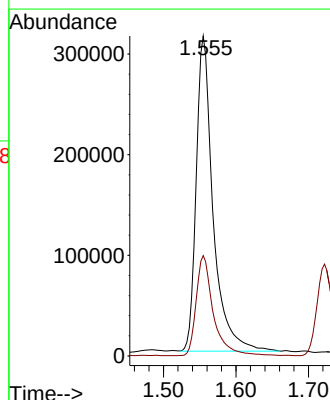
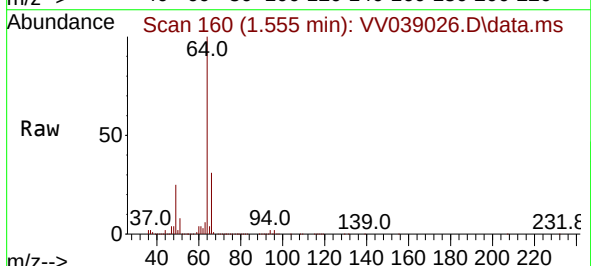
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

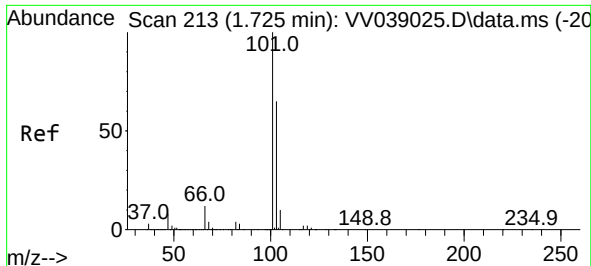
Tgt Ion: 94 Resp: 459734  
Ion Ratio Lower Upper  
94 100  
96 93.9 76.2 114.2



#6  
Chloroethane  
Concen: 91.969 ug/l  
RT: 1.555 min Scan# 160  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 64 Resp: 505143  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.4 38.2

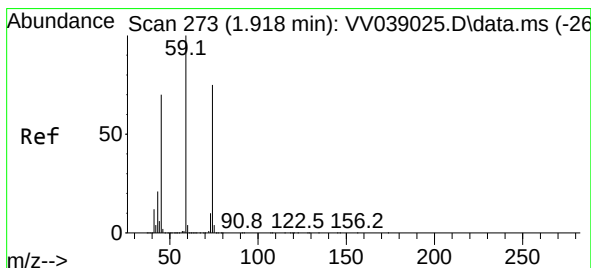
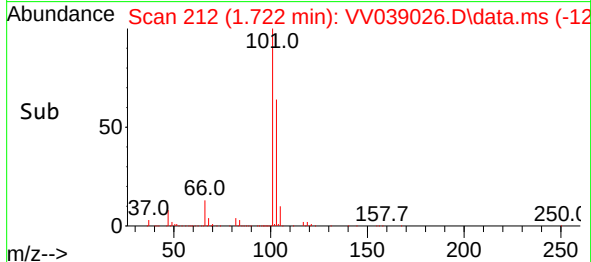
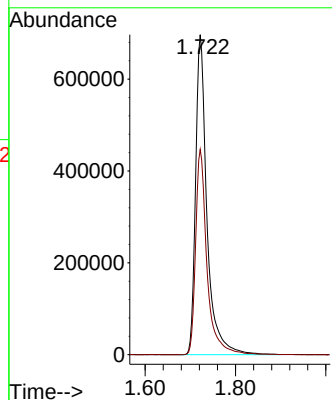
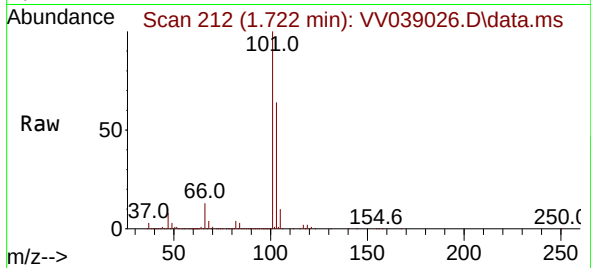




#7  
 Trichlorofluoromethane  
 Concen: 90.674 ug/l  
 RT: 1.722 min Scan# 213  
 Delta R.T. -0.003 min  
 Lab File: VV039026.D  
 Acq: 25 Aug 2025 11:46

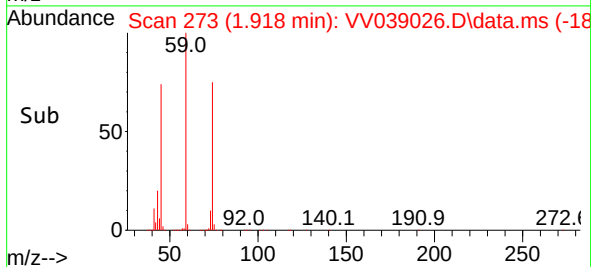
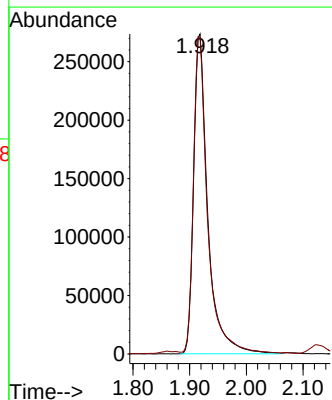
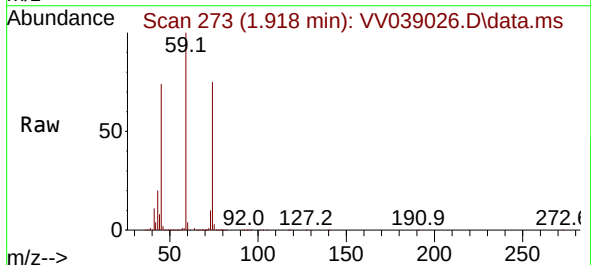
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

Tgt Ion:101 Resp: 1212388  
 Ion Ratio Lower Upper  
 101 100  
 103 64.1 51.7 77.5

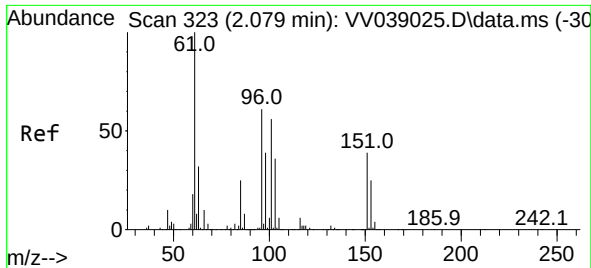


#8  
 Diethyl Ether  
 Concen: 93.783 ug/l  
 RT: 1.918 min Scan# 273  
 Delta R.T. 0.000 min  
 Lab File: VV039026.D  
 Acq: 25 Aug 2025 11:46

Tgt Ion: 74 Resp: 475692  
 Ion Ratio Lower Upper  
 74 100  
 45 97.9 48.1 144.4



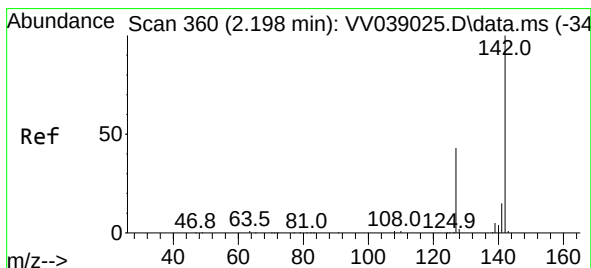
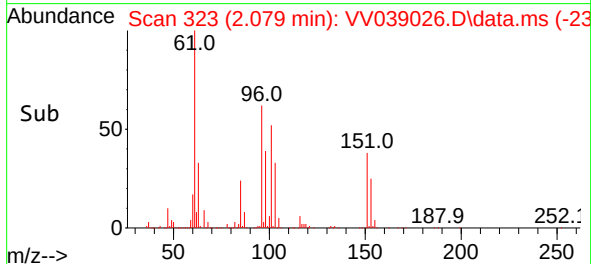
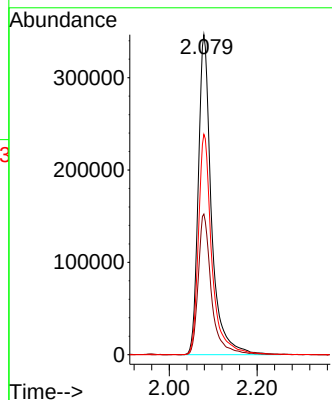
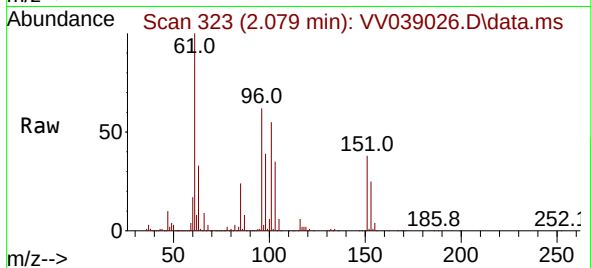




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 89.441 ug/l  
RT: 2.079 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

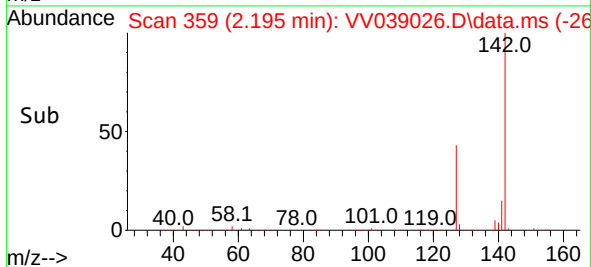
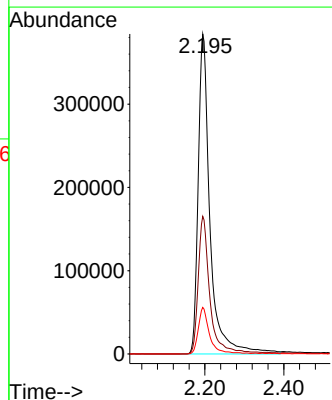
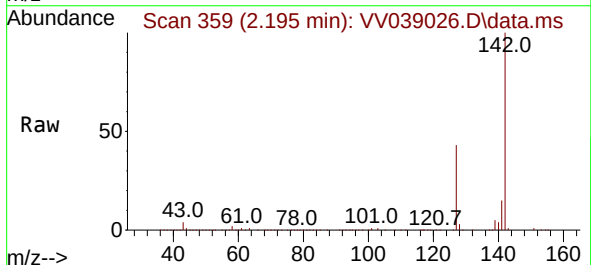
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

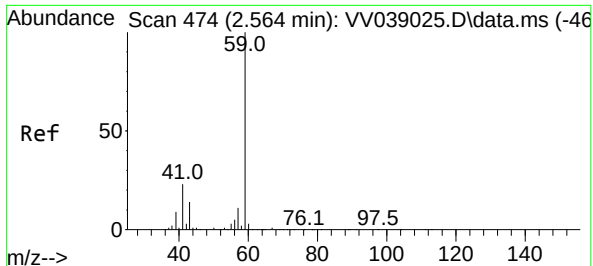
Tgt Ion:101 Resp: 720450  
Ion Ratio Lower Upper  
101 100  
85 44.2 35.5 53.3  
151 70.5 56.1 84.1



#10  
Methyl Iodide  
Concen: 102.195 ug/l  
RT: 2.195 min Scan# 359  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion:142 Resp: 796428  
Ion Ratio Lower Upper  
142 100  
127 41.1 35.7 53.5  
141 13.5 11.6 17.4

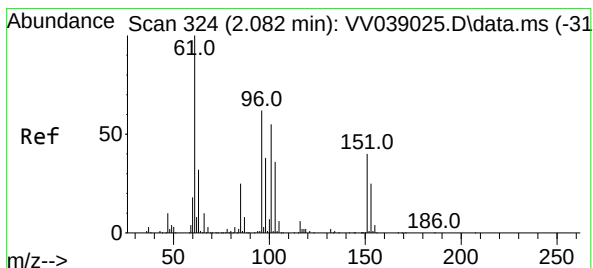
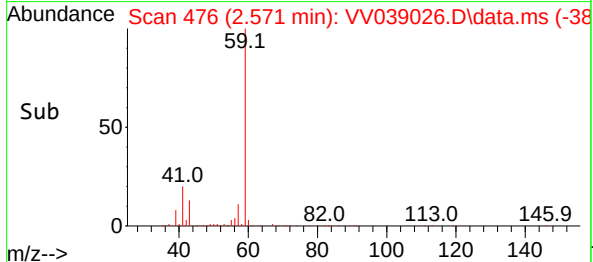
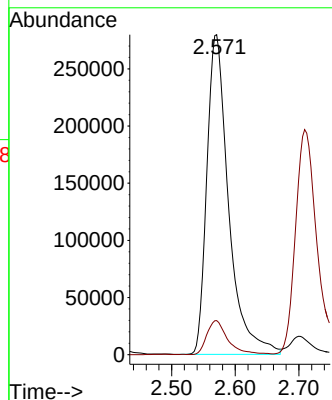
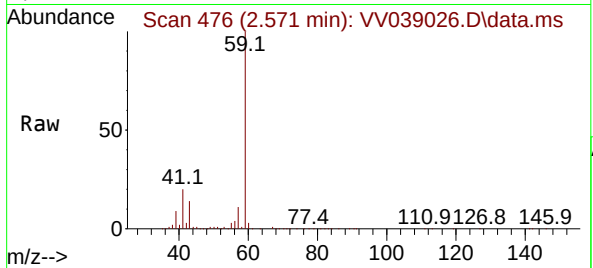




#11  
Tert butyl alcohol  
Concen: 460.312 ug/l  
RT: 2.571 min Scan# 41  
Delta R.T. 0.007 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

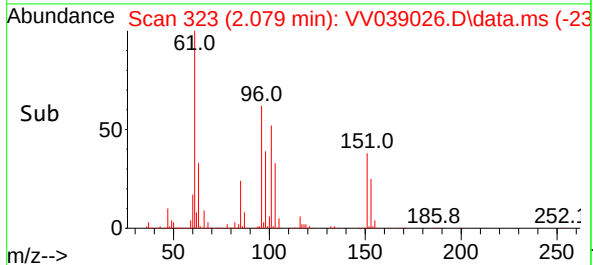
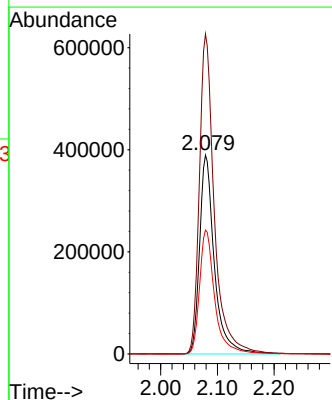
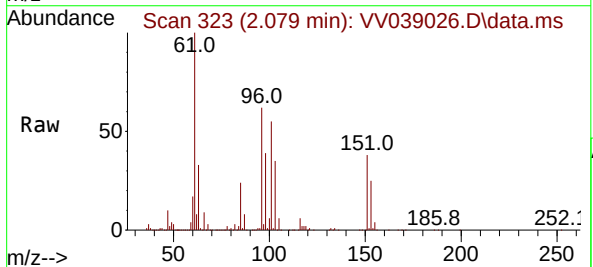
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

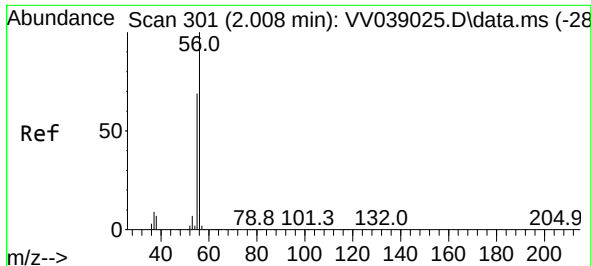
Tgt Ion: 59 Resp: 665199  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 91.435 ug/l  
RT: 2.079 min Scan# 323  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 96 Resp: 705159  
Ion Ratio Lower Upper  
96 100  
61 160.8 128.2 192.2  
98 62.3 49.3 73.9

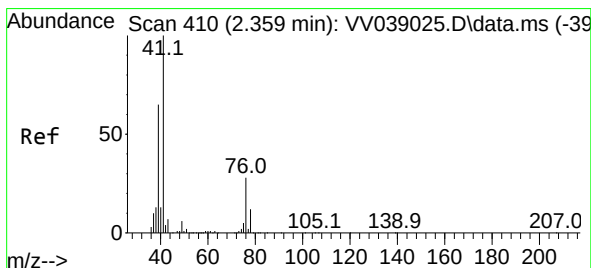
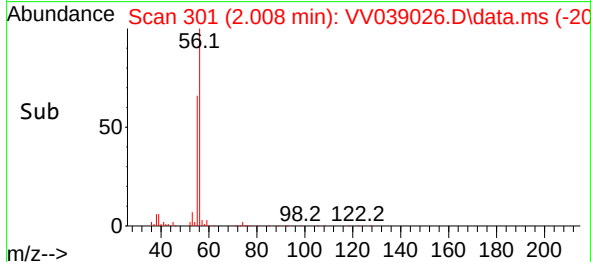
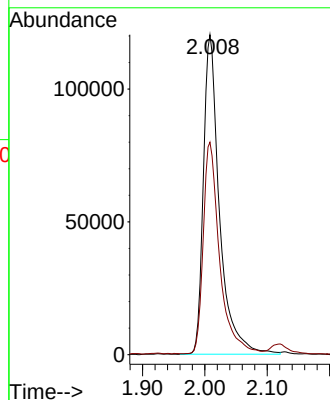
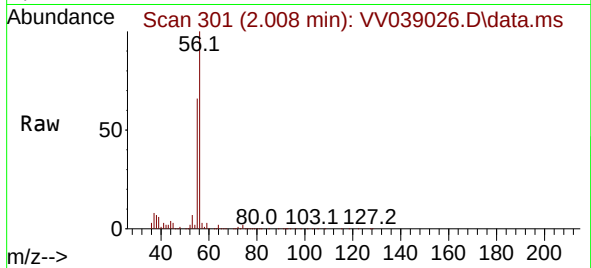




#13  
Acrolein  
Concen: 331.183 ug/l  
RT: 2.008 min Scan# 301  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

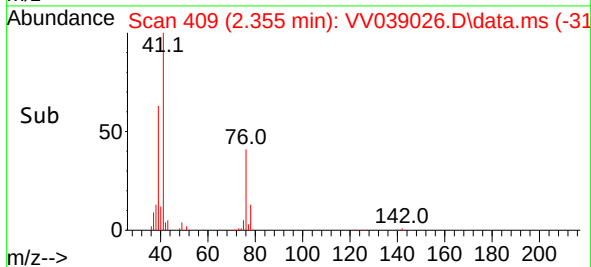
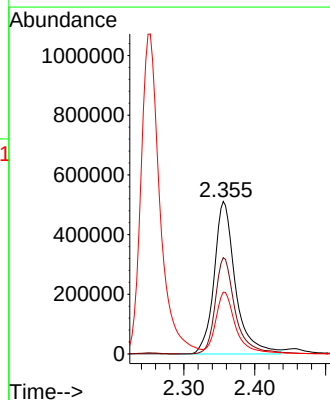
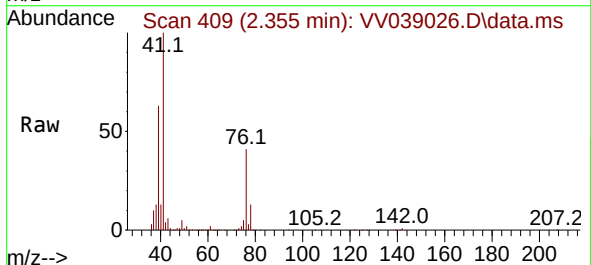
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

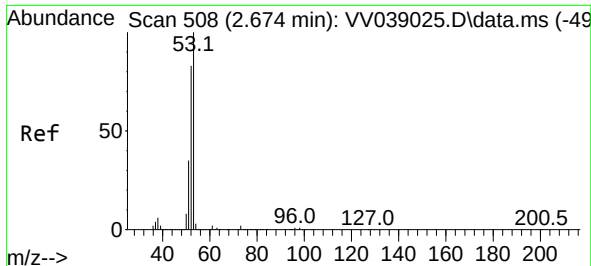
Tgt Ion: 56 Resp: 216085  
Ion Ratio Lower Upper  
56 100  
55 67.0 54.7 82.1



#14  
Allyl chloride  
Concen: 88.029 ug/l  
RT: 2.355 min Scan# 409  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 41 Resp: 1068559  
Ion Ratio Lower Upper  
41 100  
39 59.9 48.5 72.7  
76 38.1 29.0 43.6

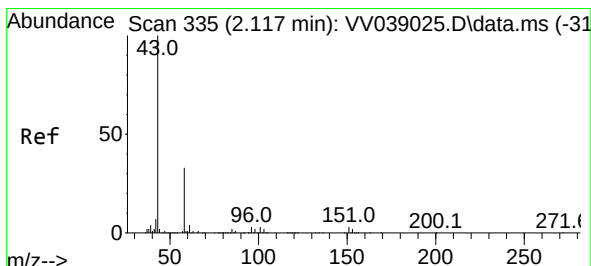
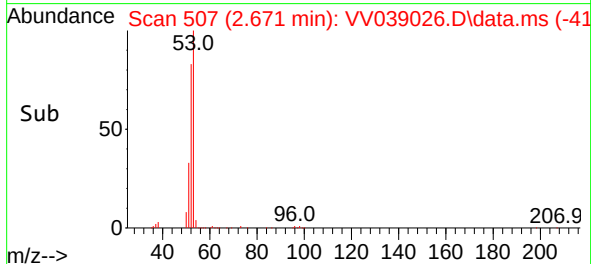
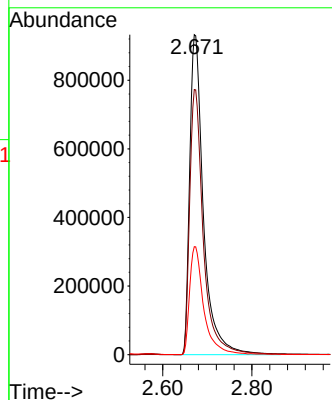
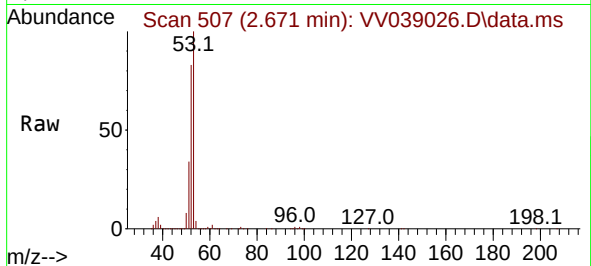




#15  
Acrylonitrile  
Concen: 465.065 ug/l  
RT: 2.671 min Scan# 508  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

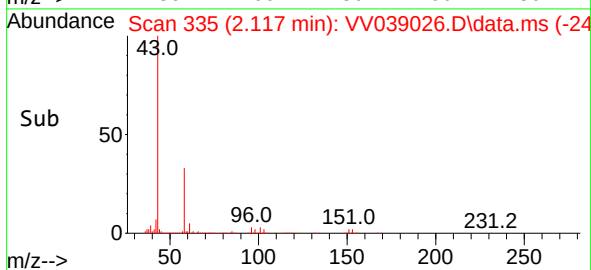
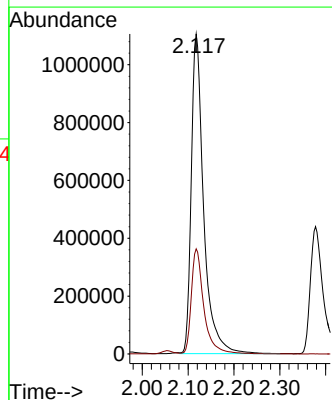
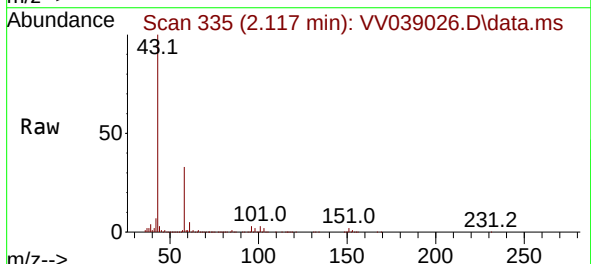
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

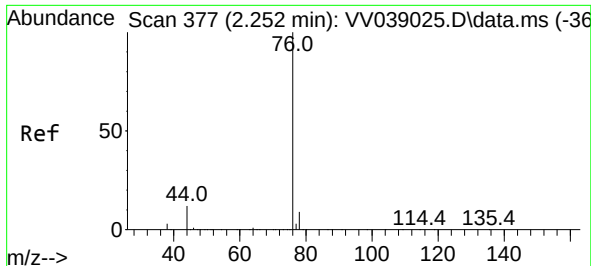
Tgt Ion: 53 Resp: 2004325  
Ion Ratio Lower Upper  
53 100  
52 81.9 65.9 98.9  
51 34.6 27.9 41.9



#16  
Acetone  
Concen: 407.043 ug/l  
RT: 2.117 min Scan# 335  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 43 Resp: 2069616  
Ion Ratio Lower Upper  
43 100  
58 32.8 26.6 40.0

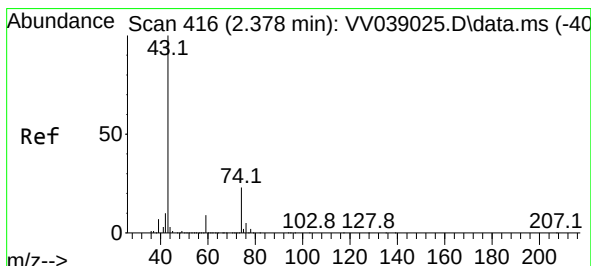
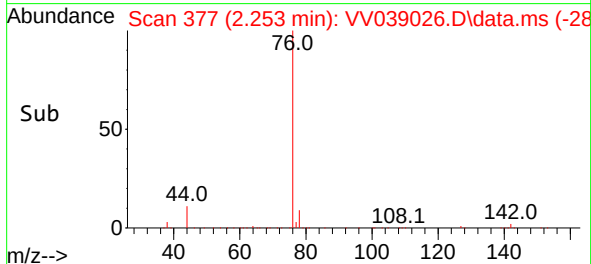
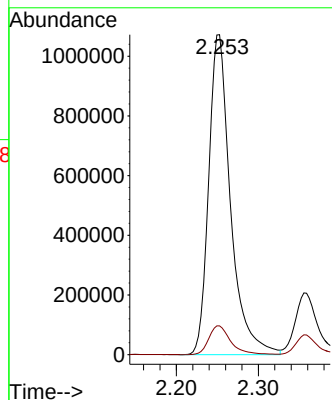
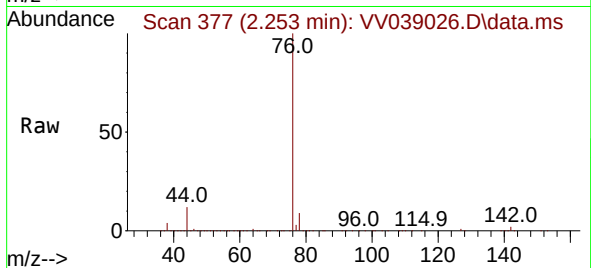




#17  
Carbon Disulfide  
Concen: 92.892 ug/l  
RT: 2.253 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

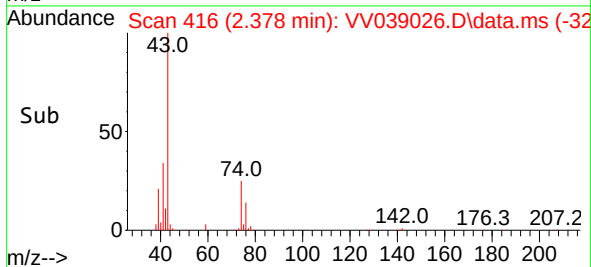
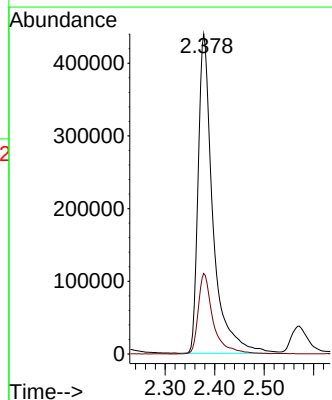
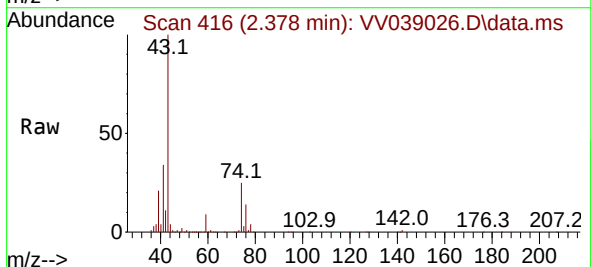
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC100

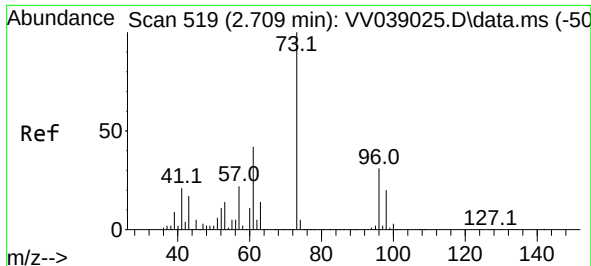
Tgt Ion: 76 Resp: 1988678  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 92.285 ug/l  
RT: 2.378 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 43 Resp: 914067  
Ion Ratio Lower Upper  
43 100  
74 25.5 18.9 28.3

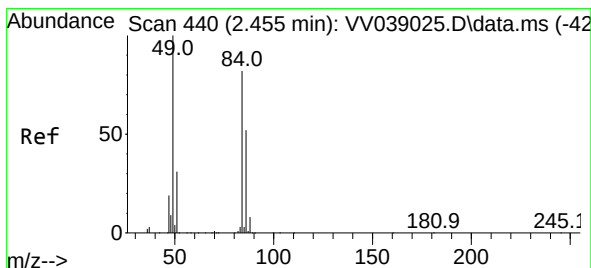
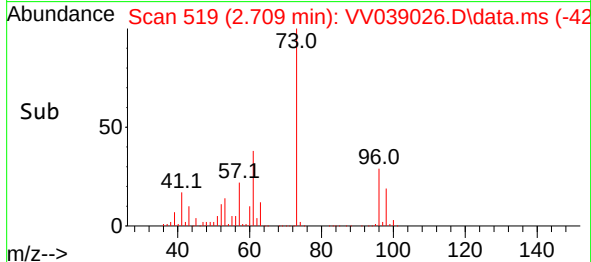
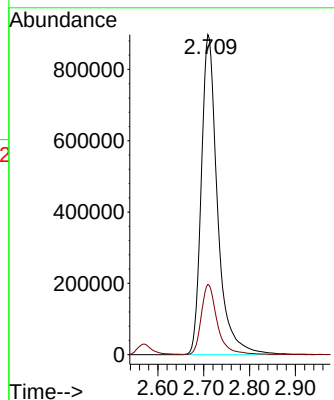
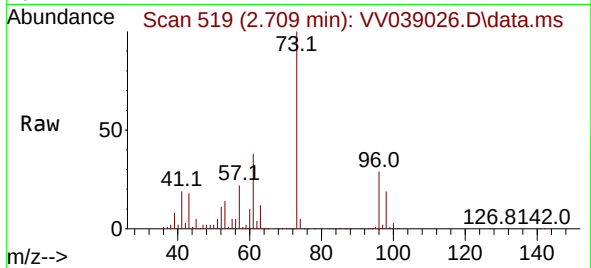




#19  
Methyl tert-butyl Ether  
Concen: 96.947 ug/l  
RT: 2.709 min Scan# 519  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

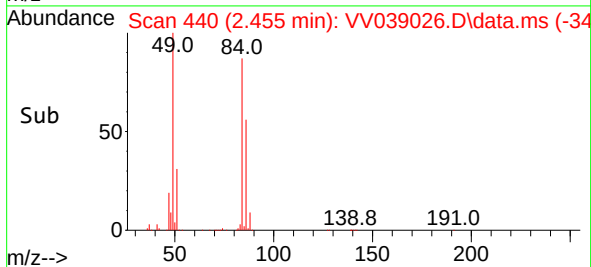
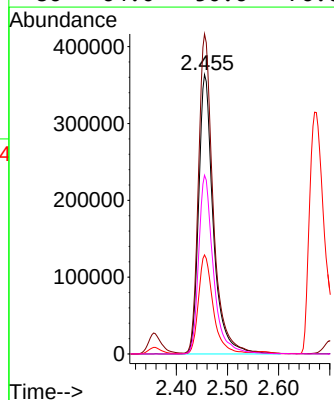
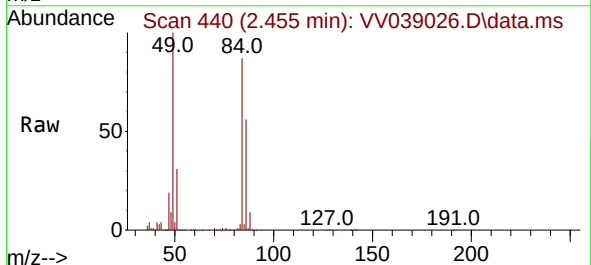
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

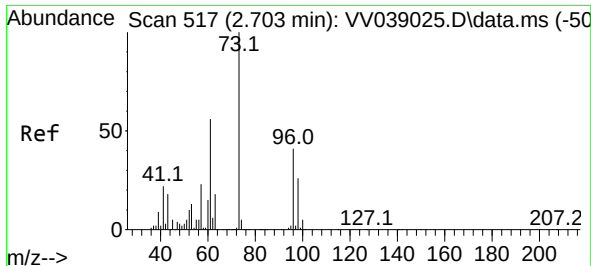
Tgt Ion: 73 Resp: 2203069  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.9 26.9



#20  
Methylene Chloride  
Concen: 87.149 ug/l  
RT: 2.455 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 84 Resp: 723603  
Ion Ratio Lower Upper  
84 100  
49 114.3 97.8 146.8  
51 35.3 30.3 45.5  
86 64.0 50.6 76.0

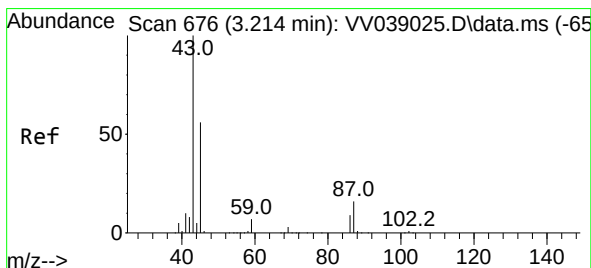
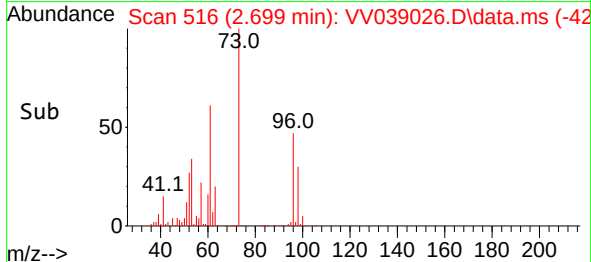
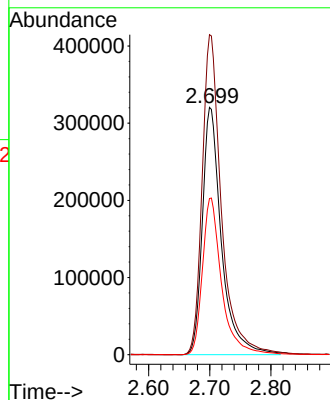
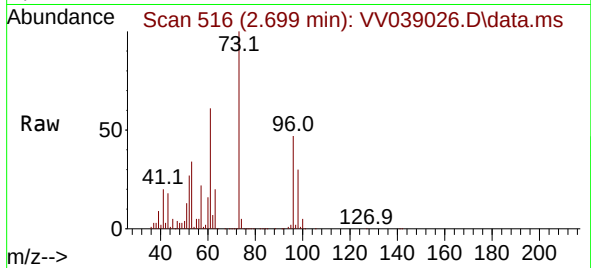




#21  
trans-1,2-Dichloroethene  
Concen: 89.878 ug/l  
RT: 2.699 min Scan# 517  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

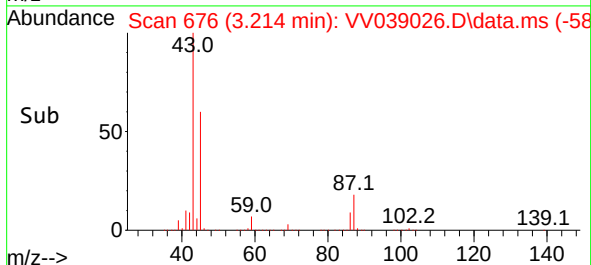
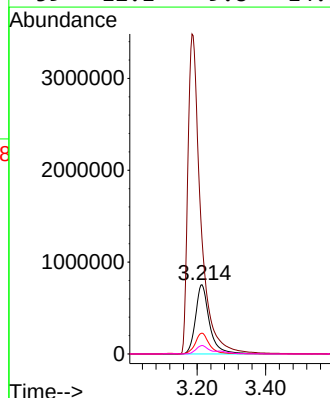
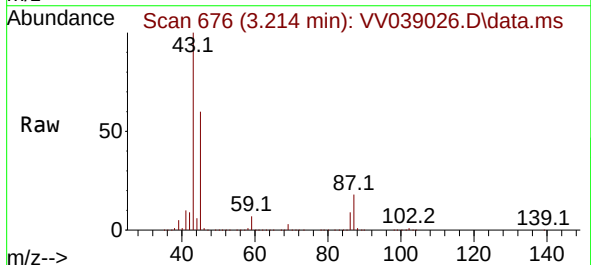
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

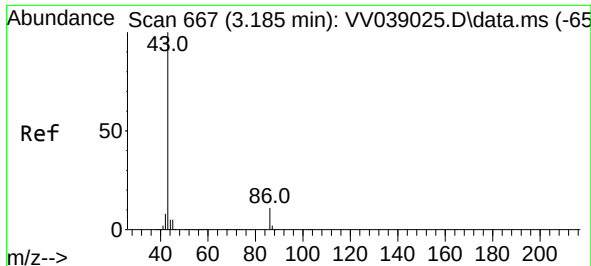
Tgt Ion: 96 Resp: 694747  
Ion Ratio Lower Upper  
96 100  
61 129.4 110.1 165.1  
98 63.2 50.2 75.4



#22  
Diisopropyl ether  
Concen: 96.572 ug/l  
RT: 3.214 min Scan# 676  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 45 Resp: 2133363  
Ion Ratio Lower Upper  
45 100  
43 167.1 143.0 214.4  
87 30.0 23.8 35.6  
59 12.1 9.8 14.8

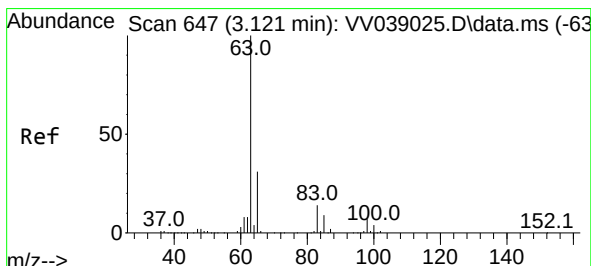
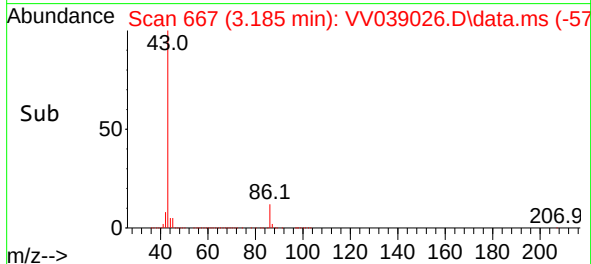
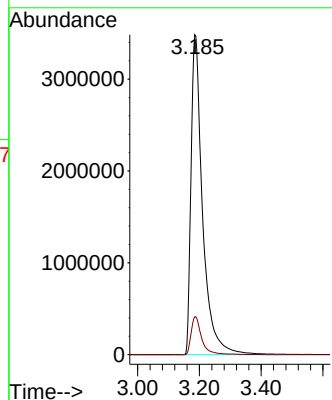
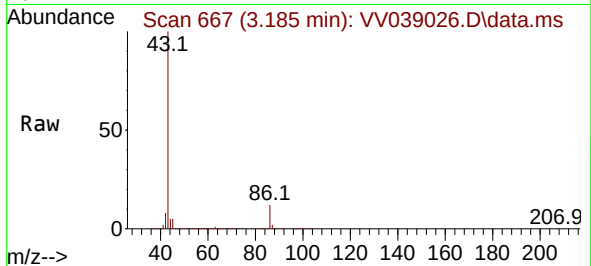




#23  
 Vinyl Acetate  
 Concen: 501.528 ug/l  
 RT: 3.185 min Scan# 667  
 Delta R.T. 0.000 min  
 Lab File: VV039026.D  
 Acq: 25 Aug 2025 11:46

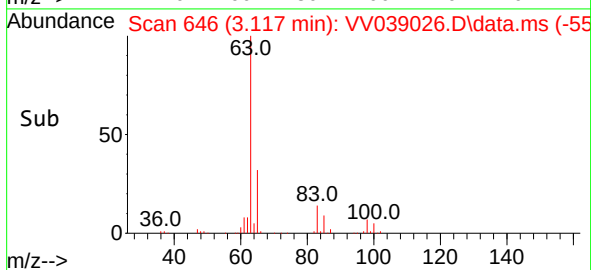
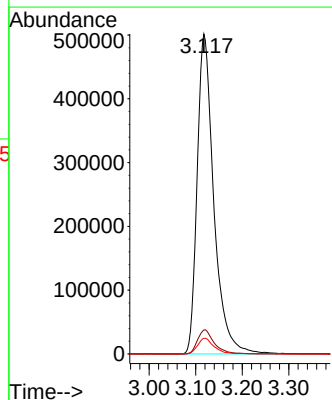
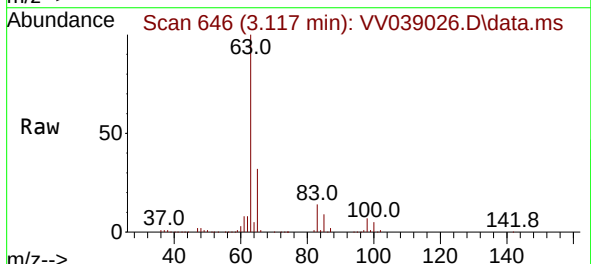
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 43 Resp: 9084310  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 9.1 13.7

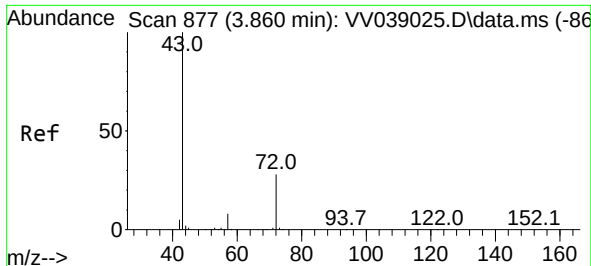


#24  
 1,1-Dichloroethane  
 Concen: 89.974 ug/l  
 RT: 3.117 min Scan# 646  
 Delta R.T. -0.003 min  
 Lab File: VV039026.D  
 Acq: 25 Aug 2025 11:46

Tgt Ion: 63 Resp: 1245142  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.6 10.9  
 100 4.9 2.2 6.6



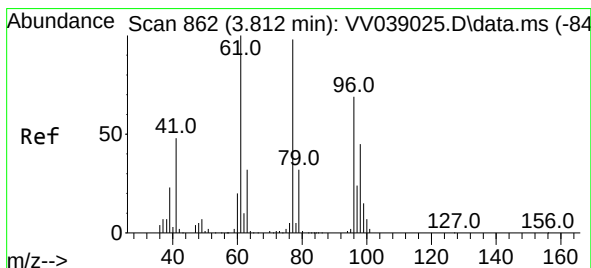
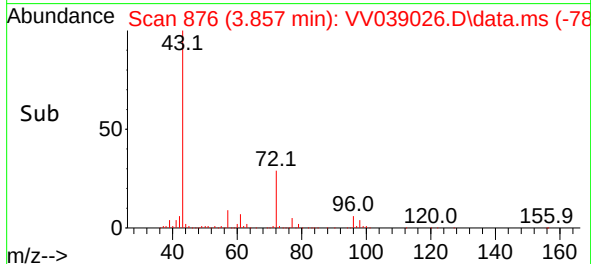
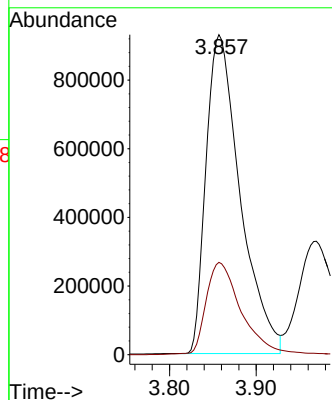
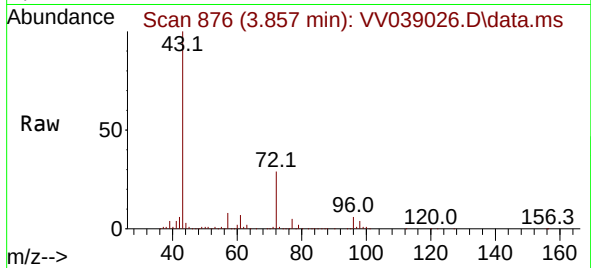




#25  
2-Butanone  
Concen: 455.535 ug/l  
RT: 3.857 min Scan# 876  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

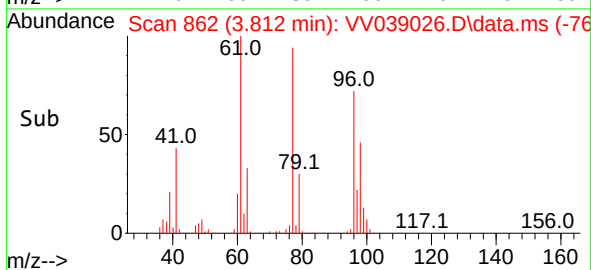
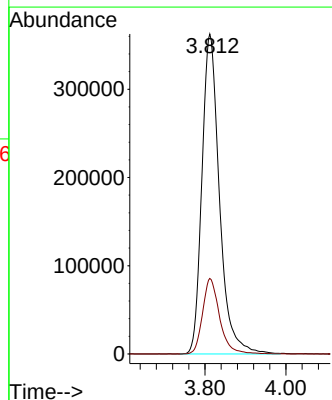
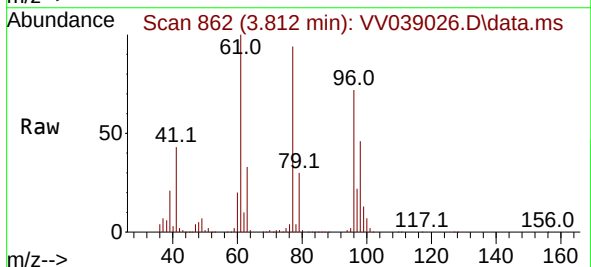
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

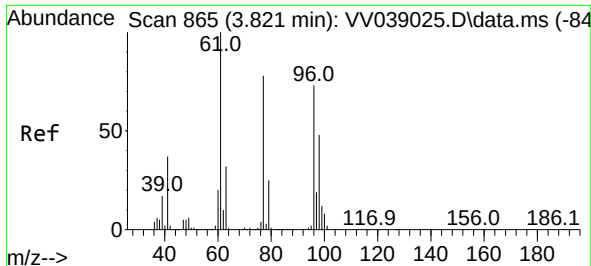
Tgt Ion: 43 Resp: 2547893  
Ion Ratio Lower Upper  
43 100  
72 28.6 22.6 33.8



#26  
2,2-Dichloropropane  
Concen: 91.601 ug/l  
RT: 3.812 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 77 Resp: 1089707  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.8 35.4

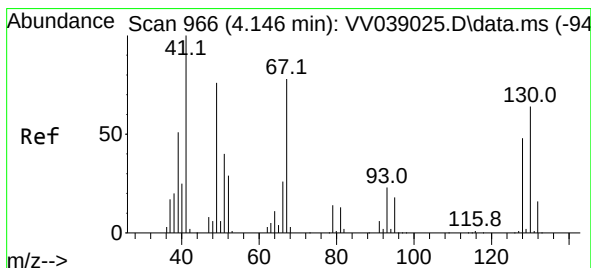
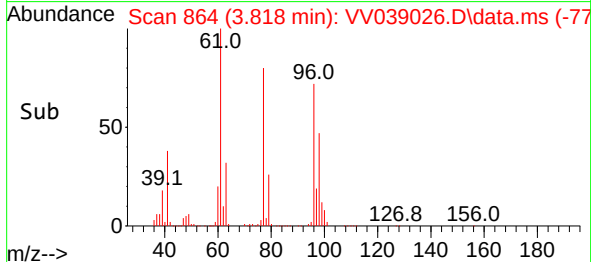
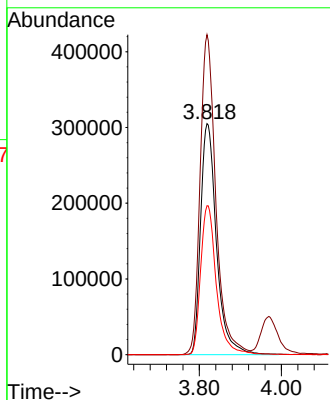
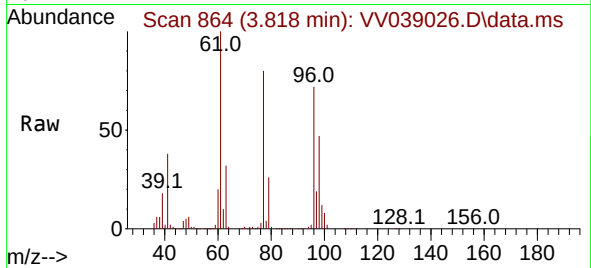




#27  
 cis-1,2-Dichloroethene  
 Concen: 95.693 ug/l  
 RT: 3.818 min Scan# 865  
 Delta R.T. -0.003 min  
 Lab File: VV039026.D  
 Acq: 25 Aug 2025 11:46

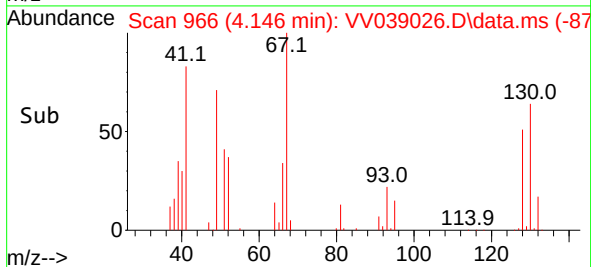
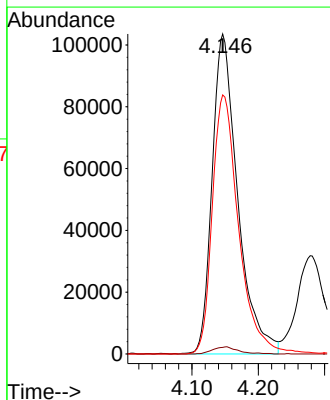
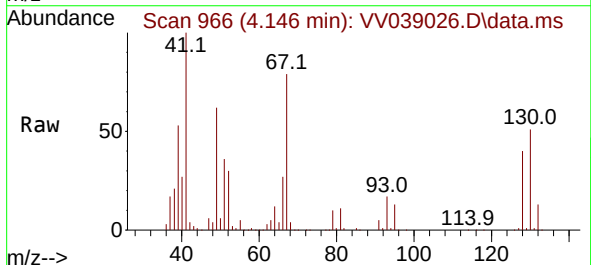
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

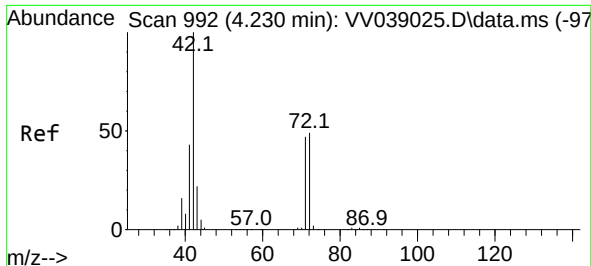
Tgt Ion: 96 Resp: 819824  
 Ion Ratio Lower Upper  
 96 100  
 61 137.2 0.0 280.8  
 98 63.6 0.0 130.2



#28  
 Bromochloromethane  
 Concen: 100.353 ug/l  
 RT: 4.146 min Scan# 966  
 Delta R.T. 0.000 min  
 Lab File: VV039026.D  
 Acq: 25 Aug 2025 11:46

Tgt Ion: 49 Resp: 277326  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.4  
 130 83.7 64.9 97.3





#29

Tetrahydrofuran

Concen: 488.304 ug/l

RT: 4.230 min Scan# 992

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

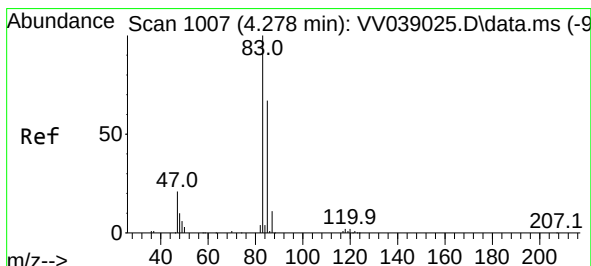
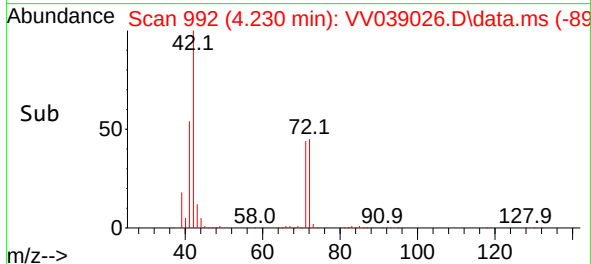
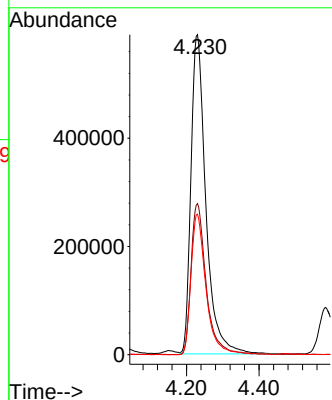
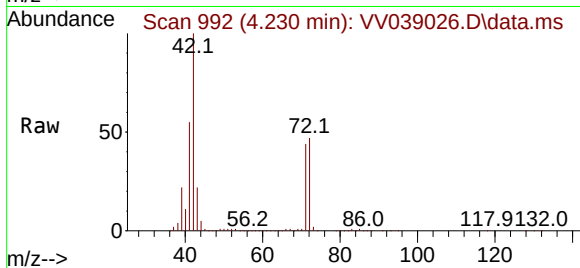
MSVOA\_V

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 1683206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 48.1  | 39.0  | 58.4  |
| 71  | 44.4  | 37.0  | 55.6  |



#30

Chloroform

Concen: 89.352 ug/l

RT: 4.278 min Scan# 1007

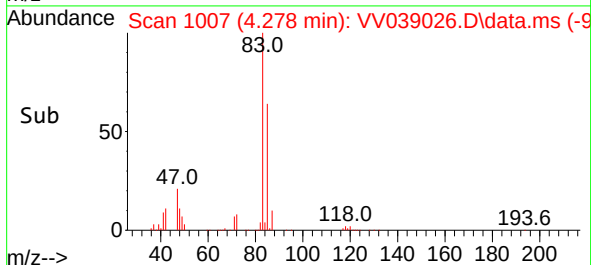
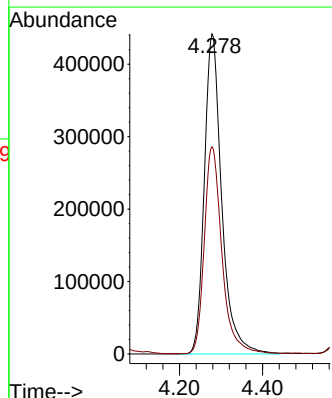
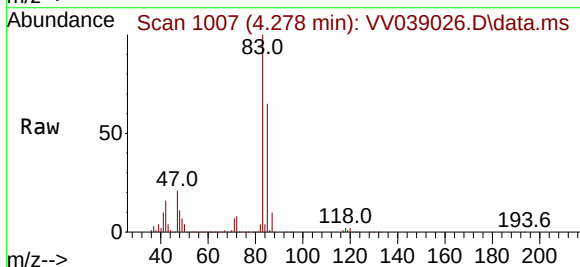
Delta R.T. 0.000 min

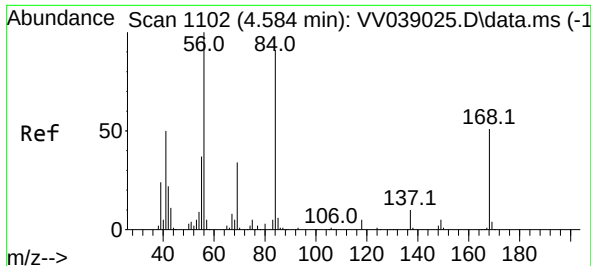
Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Tgt Ion: 83 Resp: 1286127

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.6  | 53.2  | 79.8  |

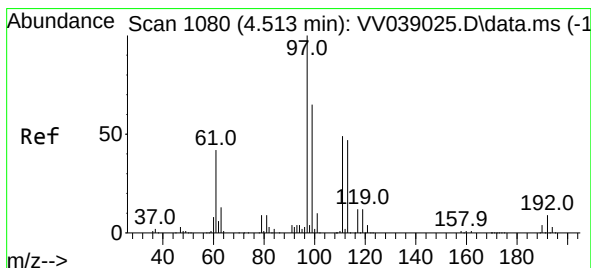
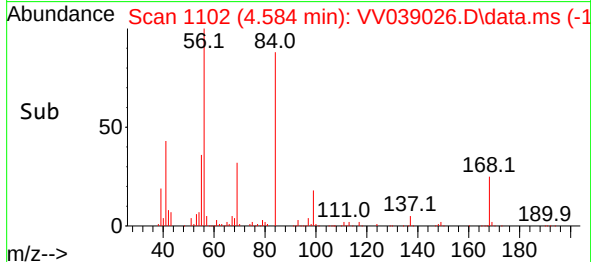
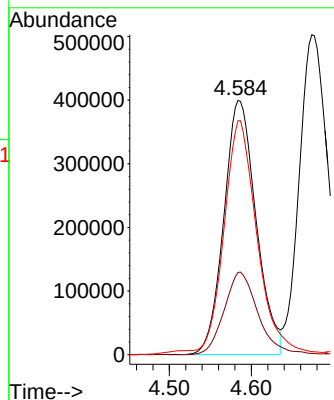
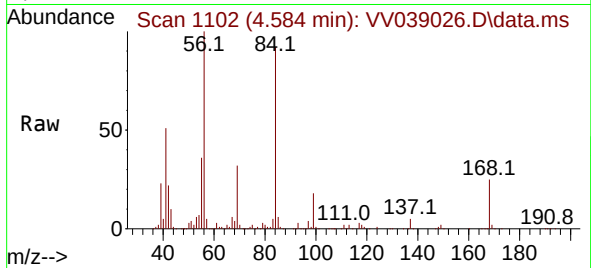




#31  
Cyclohexane  
Concen: 89.194 ug/l  
RT: 4.584 min Scan# 1102  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

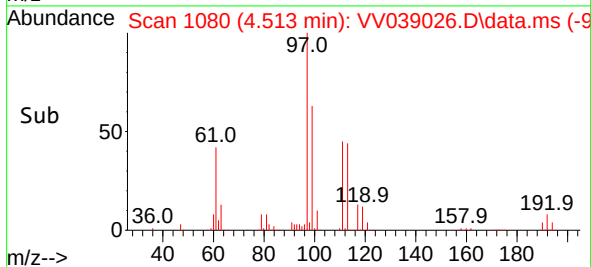
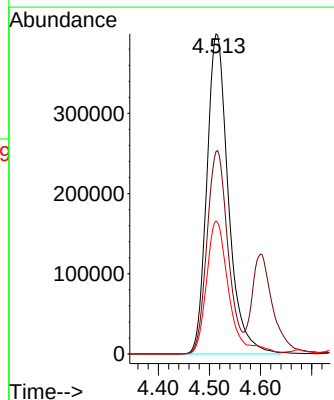
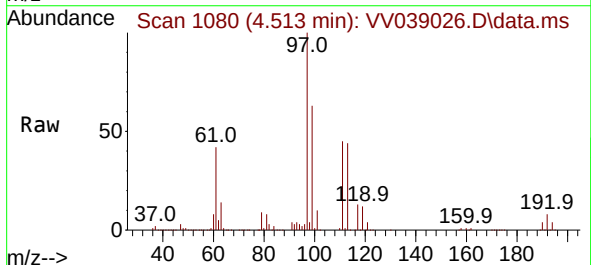
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

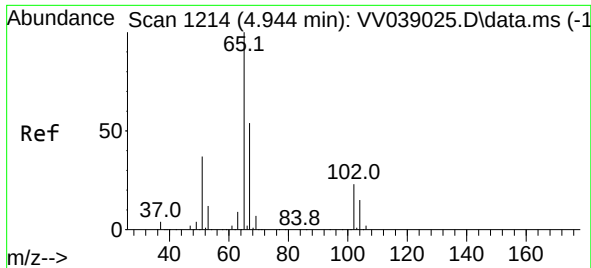
Tgt Ion: 56 Resp: 1091668  
Ion Ratio Lower Upper  
56 100  
69 32.4 27.0 40.4  
84 90.4 72.9 109.3



#32  
1,1,1-Trichloroethane  
Concen: 92.123 ug/l  
RT: 4.513 min Scan# 1080  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 97 Resp: 1167209  
Ion Ratio Lower Upper  
97 100  
99 62.0 49.8 74.6  
61 43.4 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 91.635 ug/l

RT: 4.941 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA\_V

ClientSampleId :

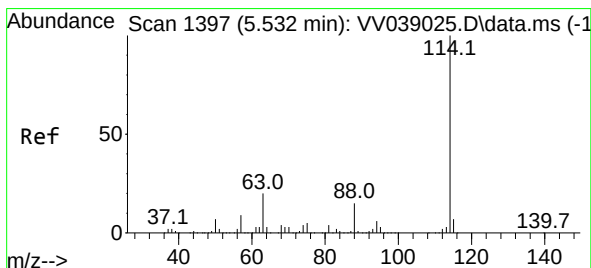
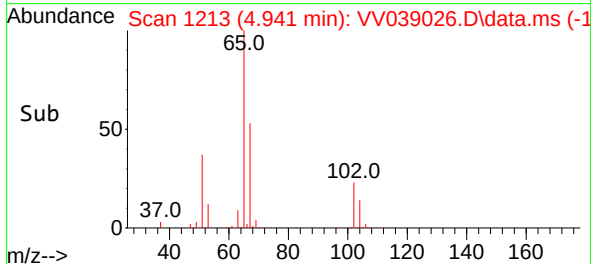
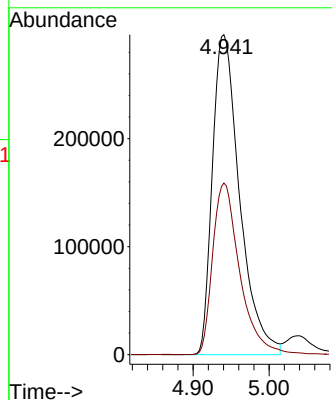
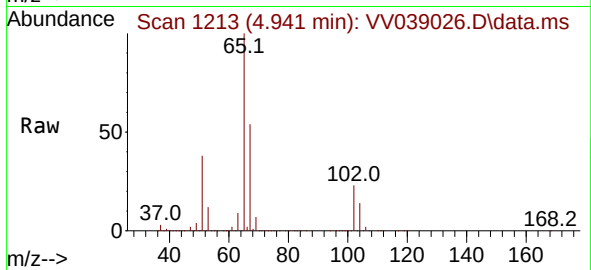
VSTDICC100

Tgt Ion: 65 Resp: 737690

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

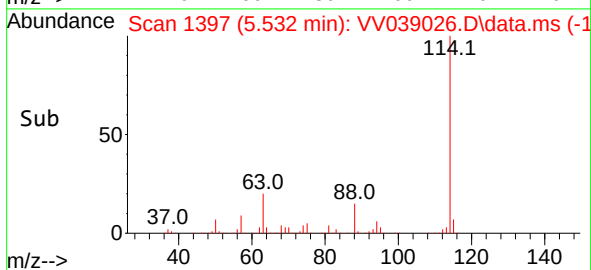
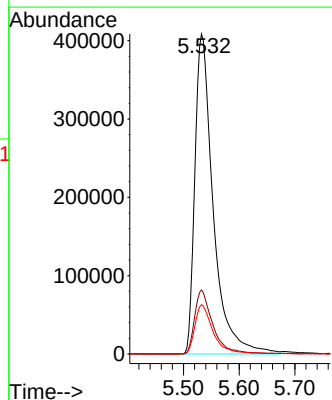
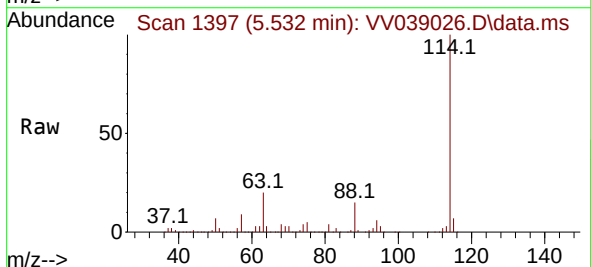
Tgt Ion: 114 Resp: 934664

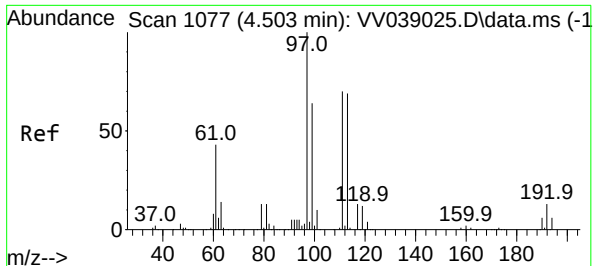
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 94.499 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

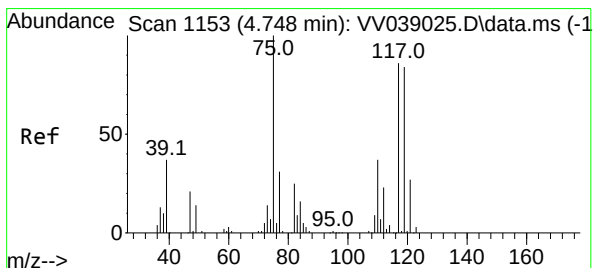
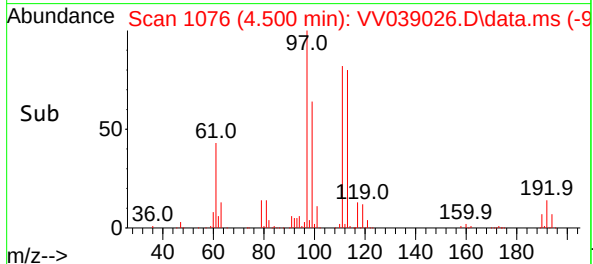
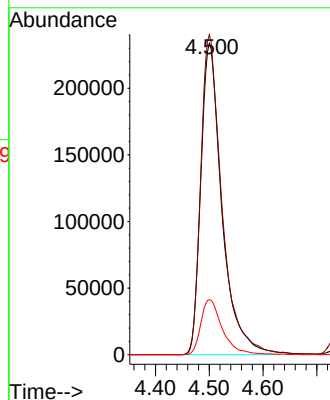
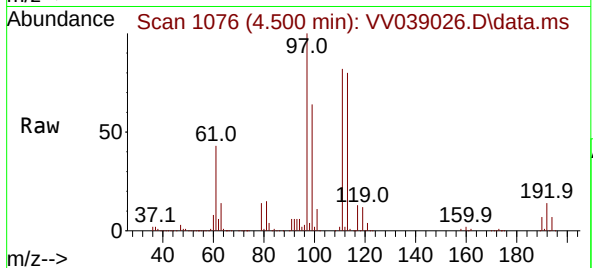
Tgt Ion:113 Resp: 636078

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 18.1 14.2 21.2



#36

1,1-Dichloropropene

Concen: 98.876 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

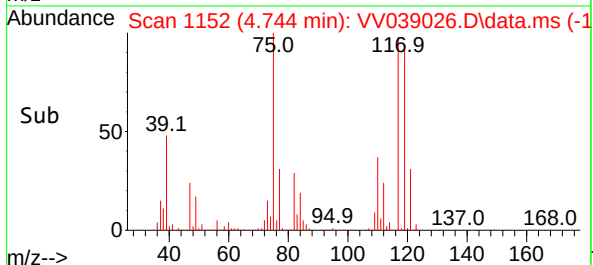
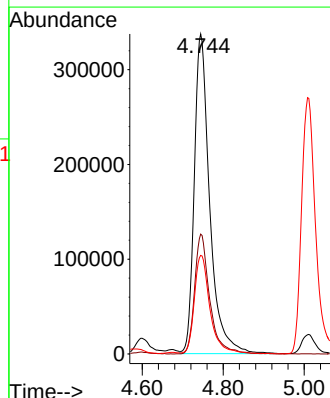
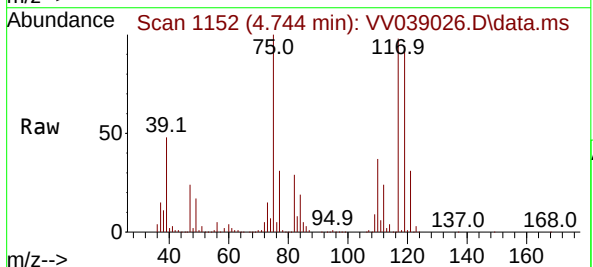
Tgt Ion: 75 Resp: 894461

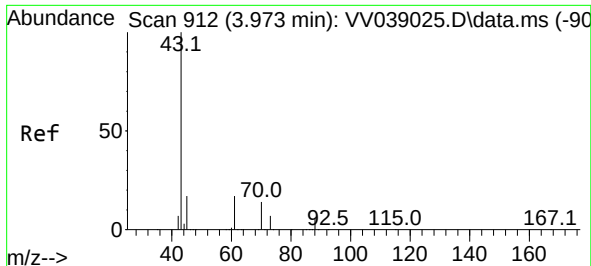
Ion Ratio Lower Upper

75 100

110 36.7 18.6 55.8

77 31.0 24.6 36.8





#37

Ethyl Acetate

Concen: 92.432 ug/l

RT: 3.970 min Scan# 91

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICC100

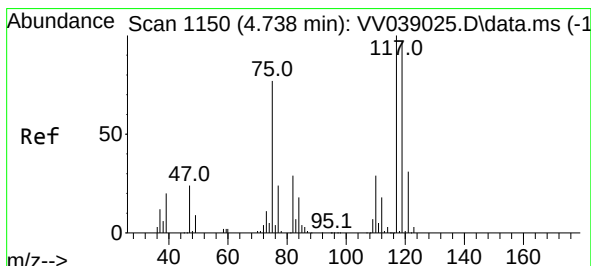
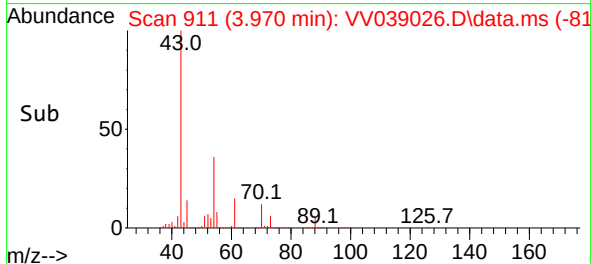
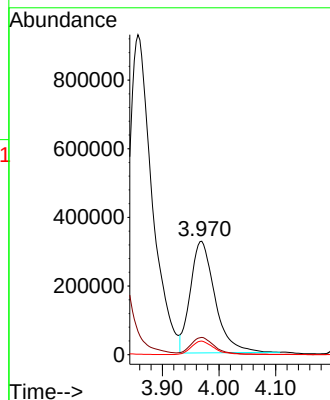
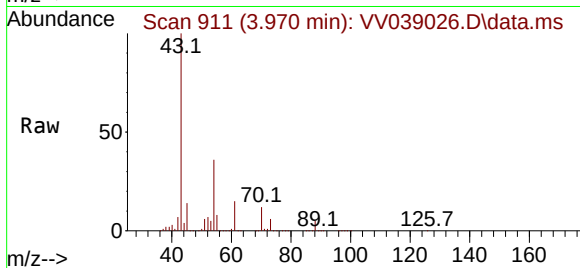
Tgt Ion: 43 Resp: 981437

Ion Ratio Lower Upper

43 100

61 14.2 10.6 16.0

70 11.1 8.6 13.0



#38

Carbon Tetrachloride

Concen: 93.844 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

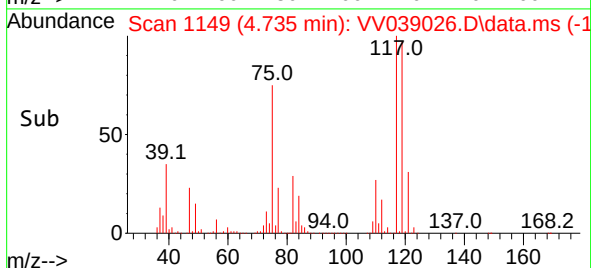
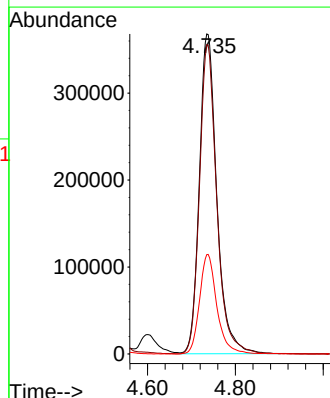
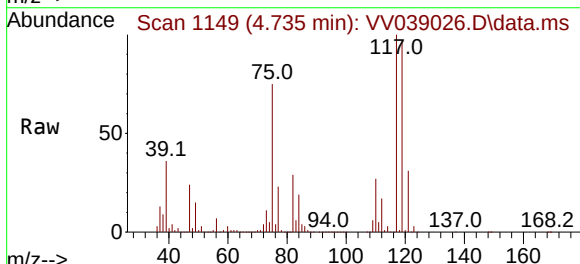
Tgt Ion: 117 Resp: 1016587

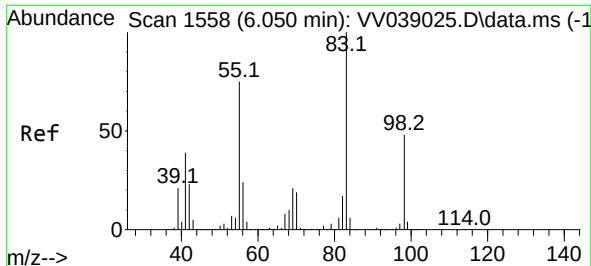
Ion Ratio Lower Upper

117 100

119 96.7 77.8 116.6

121 31.0 24.9 37.3

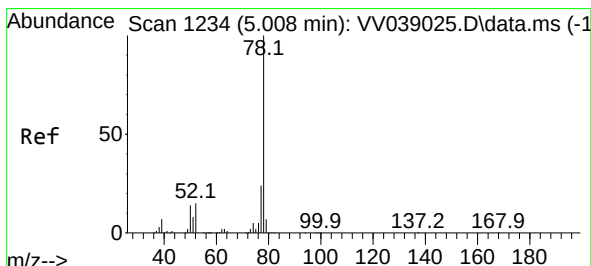
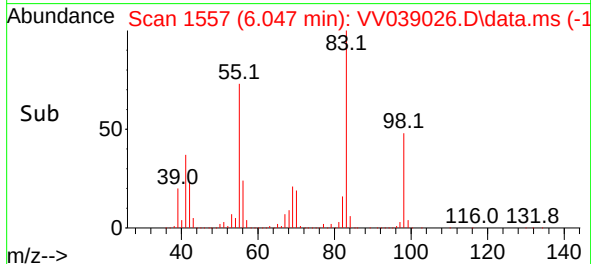
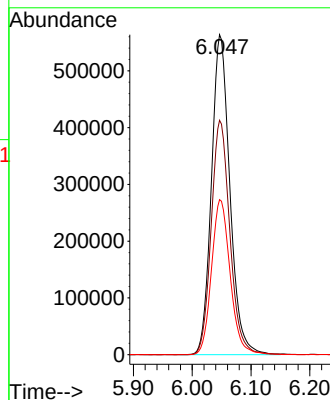
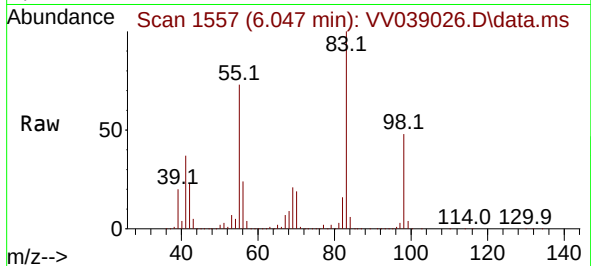




#39  
Methylcyclohexane  
Concen: 105.754 ug/l  
RT: 6.047 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

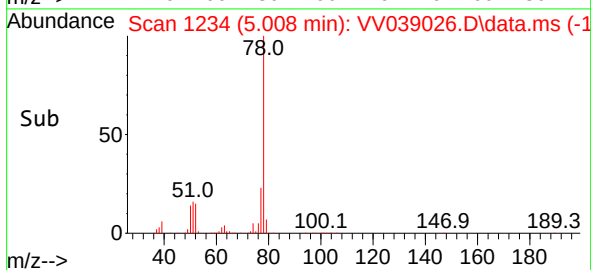
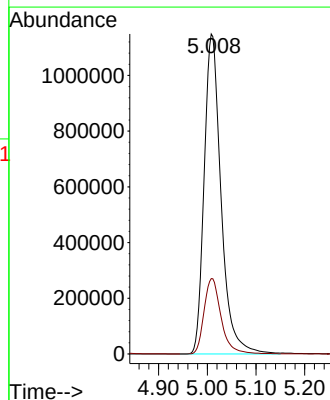
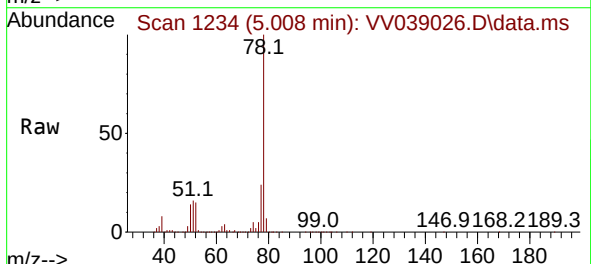
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

Tgt Ion: 83 Resp: 1228118  
Ion Ratio Lower Upper  
83 100  
55 73.2 59.8 89.6  
98 48.4 38.2 57.2

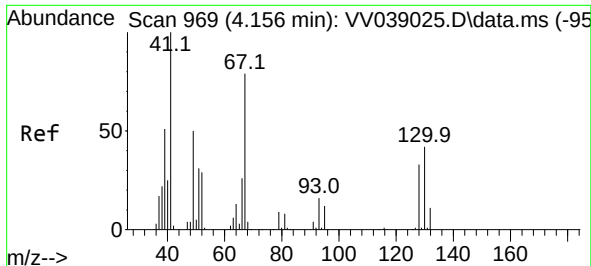


#40  
Benzene  
Concen: 95.662 ug/l  
RT: 5.008 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 78 Resp: 2765615  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.1 28.7



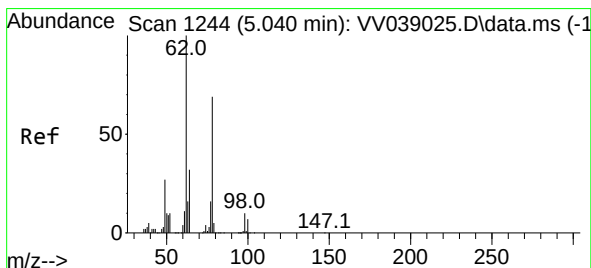
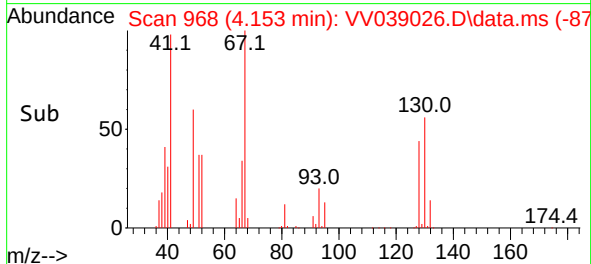
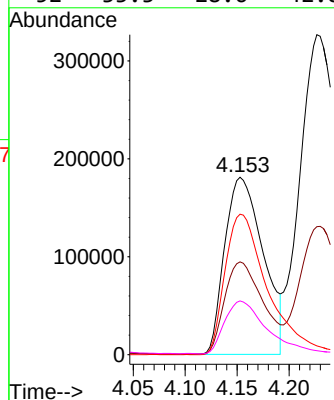
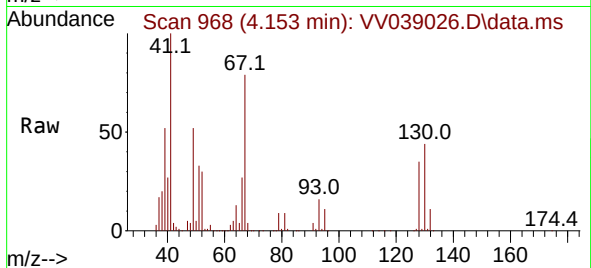




#41  
Methacrylonitrile  
Concen: 100.155 ug/l  
RT: 4.153 min Scan# 968  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

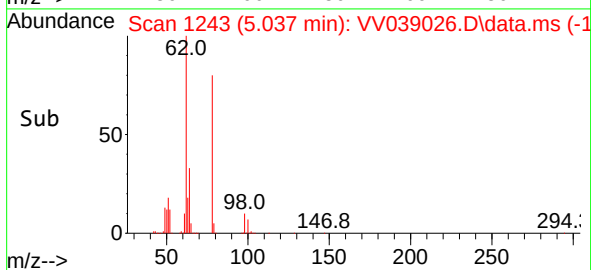
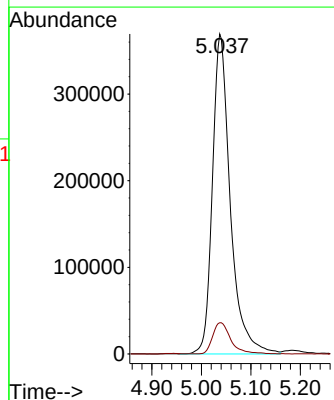
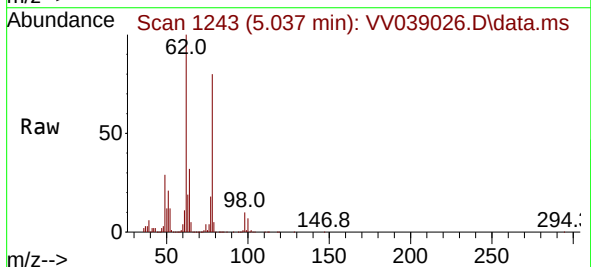
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

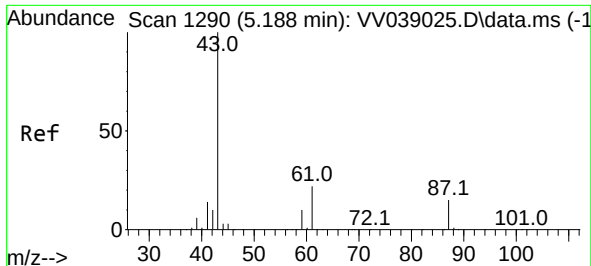
Tgt Ion: 41 Resp: 466438  
Ion Ratio Lower Upper  
41 100  
39 52.8 42.7 64.1  
67 90.2 74.5 111.7  
52 33.3 28.6 42.8



#42  
1,2-Dichloroethane  
Concen: 91.730 ug/l  
RT: 5.037 min Scan# 1243  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 62 Resp: 924720  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 19.8

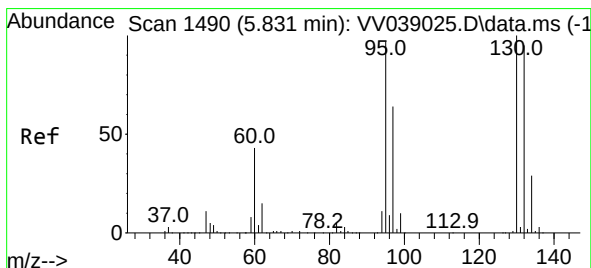
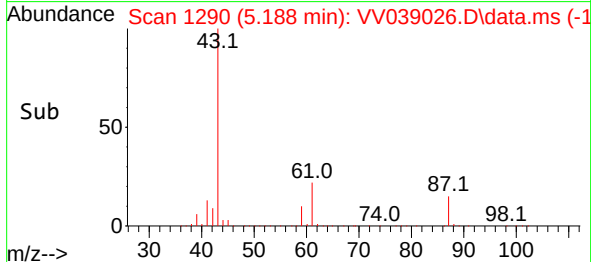
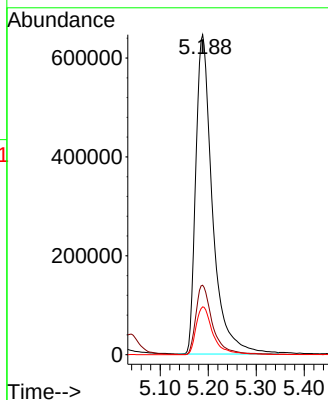
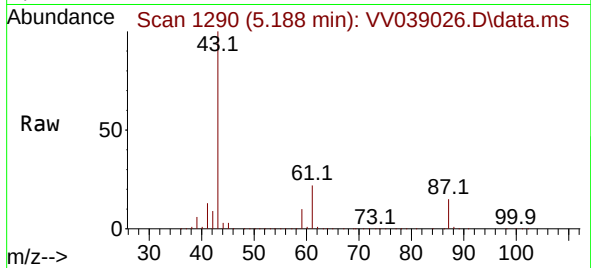




#43  
Isopropyl Acetate  
Concen: 103.558 ug/l  
RT: 5.188 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

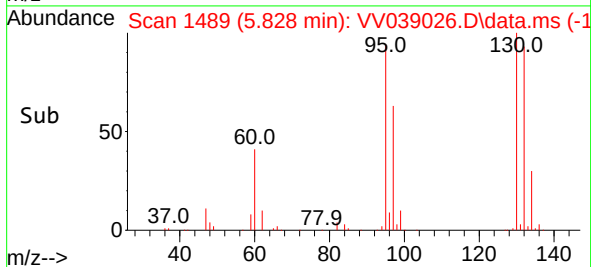
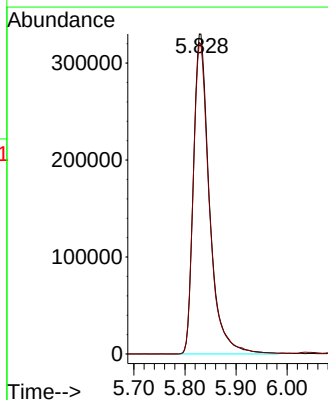
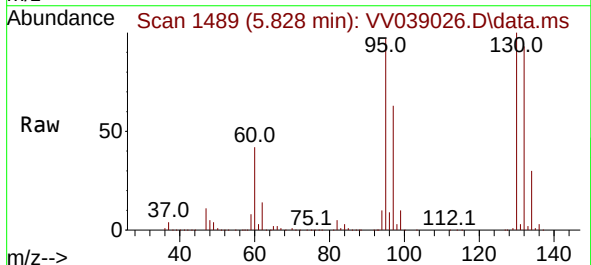
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

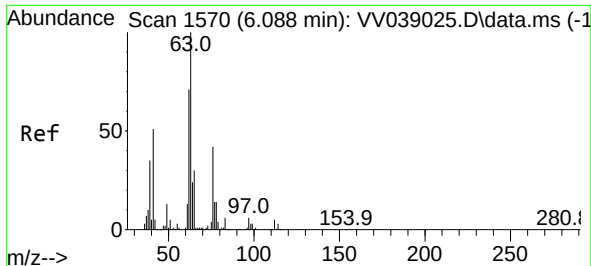
Tgt Ion: 43 Resp: 1564853  
Ion Ratio Lower Upper  
43 100  
61 21.5 16.6 25.0  
87 15.2 11.7 17.5



#44  
Trichloroethene  
Concen: 99.154 ug/l  
RT: 5.828 min Scan# 1489  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion:130 Resp: 719731  
Ion Ratio Lower Upper  
130 100  
95 97.3 0.0 194.4





#45

1,2-Dichloropropane

Concen: 94.551 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA\_V

ClientSampleId :

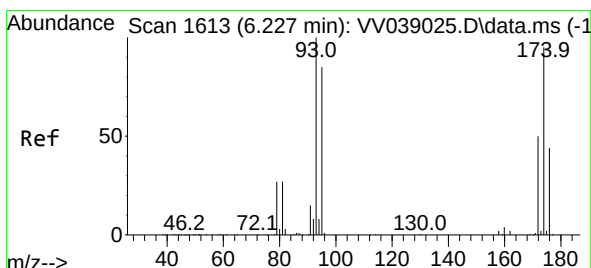
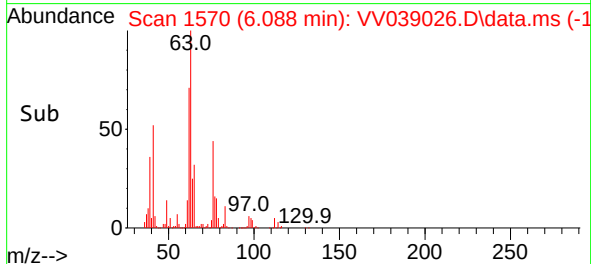
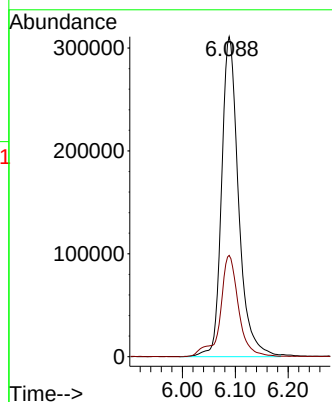
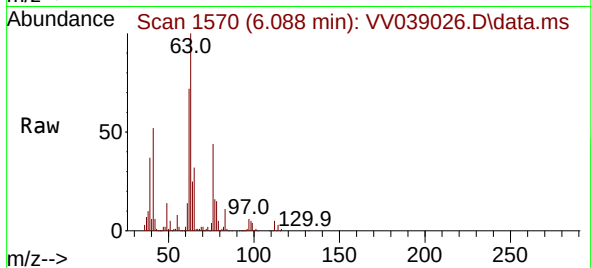
VSTDIC100

Tgt Ion: 63 Resp: 694914

Ion Ratio Lower Upper

63 100

65 31.7 24.2 36.4



#46

Dibromomethane

Concen: 94.888 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

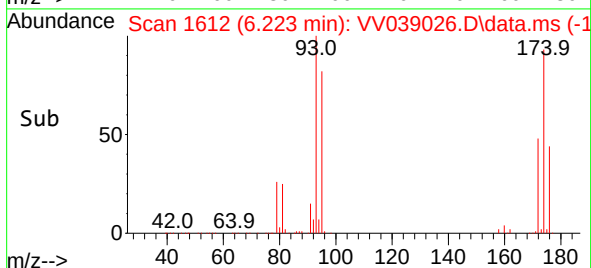
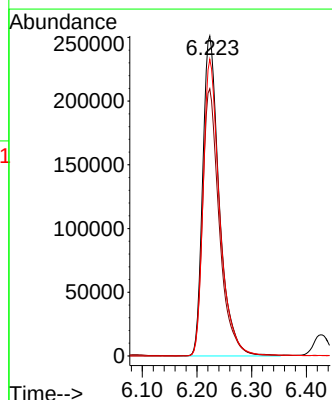
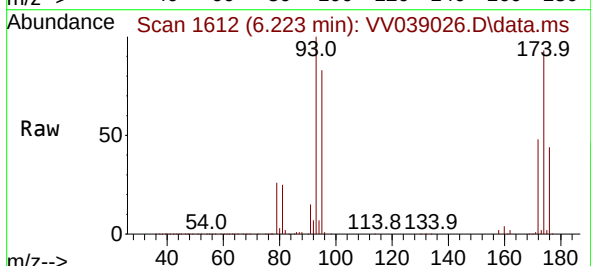
Tgt Ion: 93 Resp: 528879

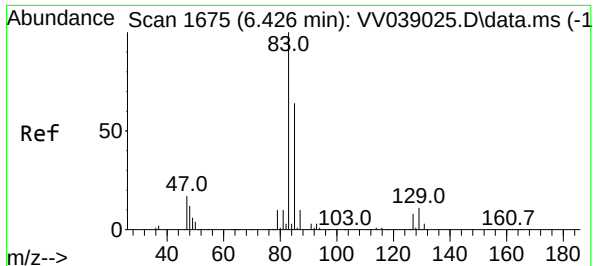
Ion Ratio Lower Upper

93 100

95 83.2 66.1 99.1

174 92.1 73.5 110.3

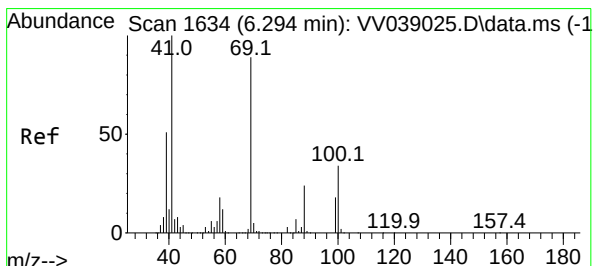
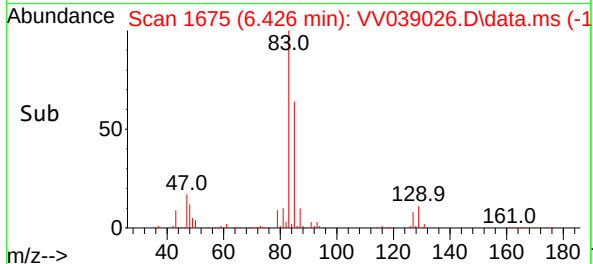
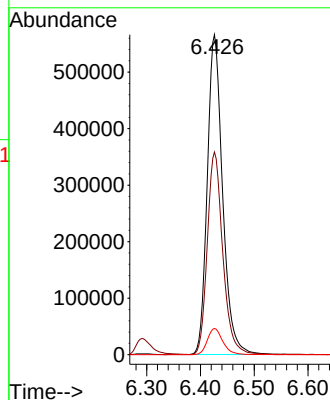
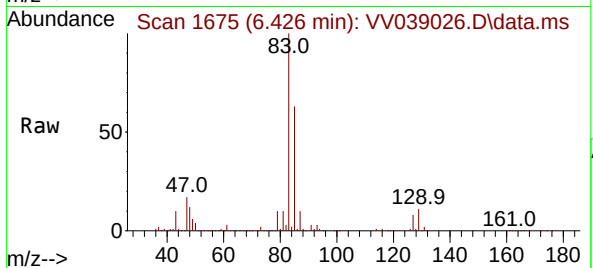




#47  
Bromodichloromethane  
Concen: 97.861 ug/l  
RT: 6.426 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

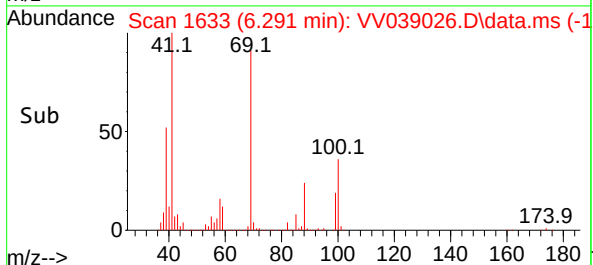
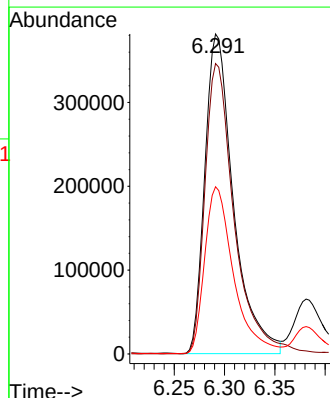
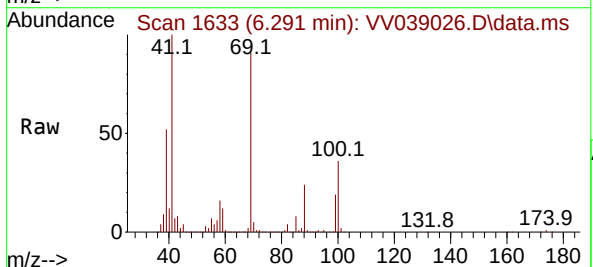
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

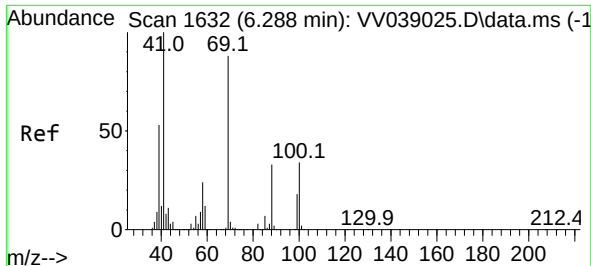
Tgt Ion: 83 Resp: 1123897  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.0 76.4  
127 8.2 6.7 10.1



#48  
Methyl methacrylate  
Concen: 102.354 ug/l  
RT: 6.291 min Scan# 1633  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 41 Resp: 754813  
Ion Ratio Lower Upper  
41 100  
69 93.4 73.5 110.3  
39 52.6 41.3 61.9





#49

1,4-Dioxane

Concen: 2066.532 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICC100

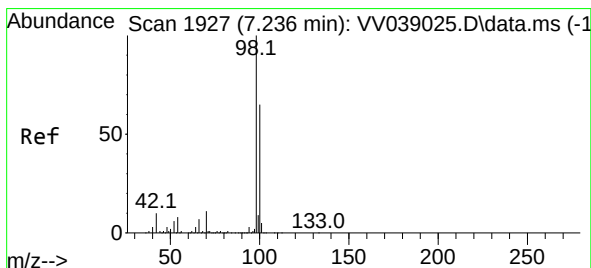
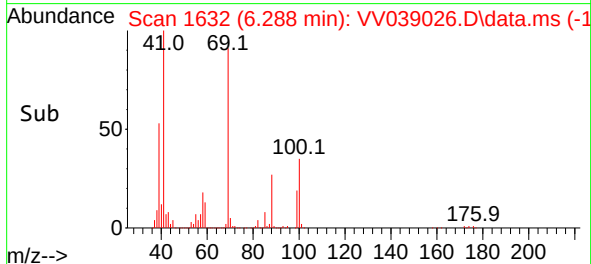
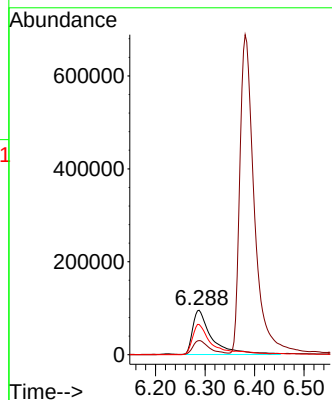
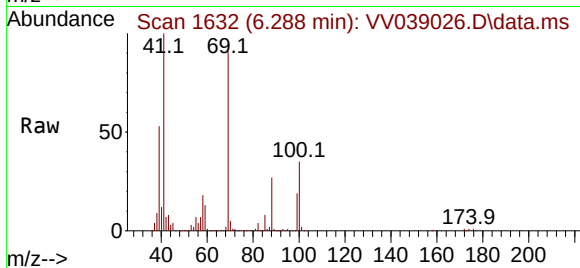
Tgt Ion: 88 Resp: 257905

Ion Ratio Lower Upper

88 100

43 27.1 25.4 38.2

58 62.0 58.4 87.6



#50

Toluene-d8

Concen: 99.216 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039026.D

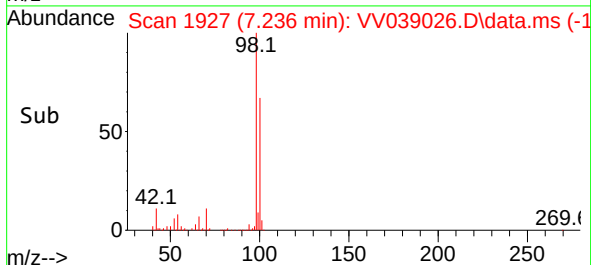
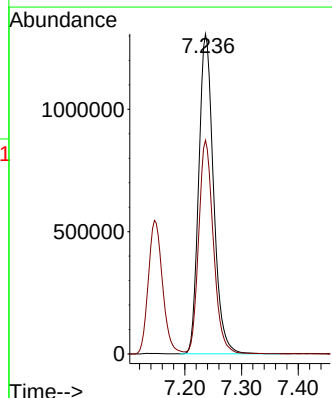
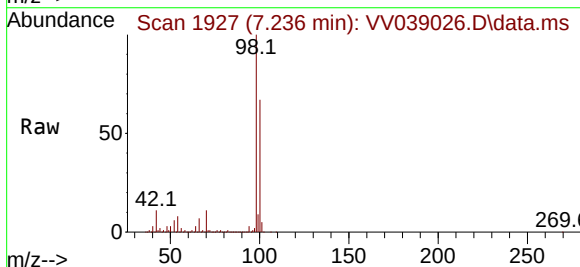
Acq: 25 Aug 2025 11:46

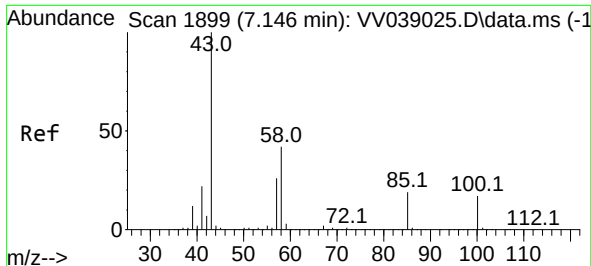
Tgt Ion: 98 Resp: 2364572

Ion Ratio Lower Upper

98 100

100 66.7 52.6 79.0

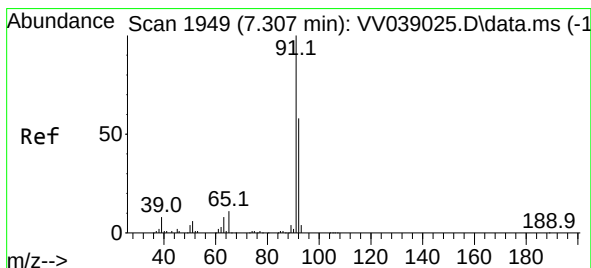
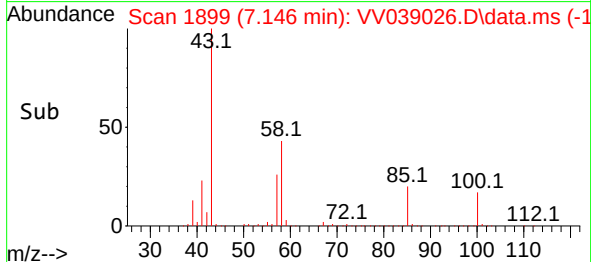
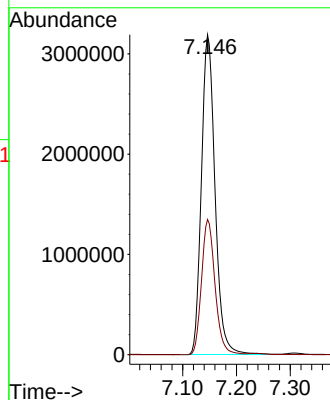
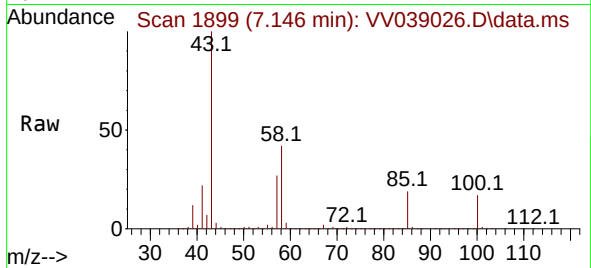




#51  
4-Methyl-2-Pentanone  
Concen: 523.337 ug/l  
RT: 7.146 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

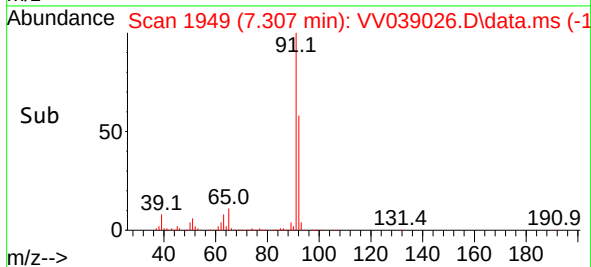
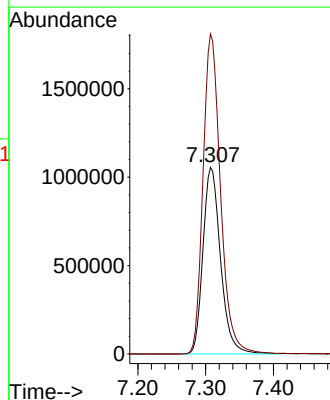
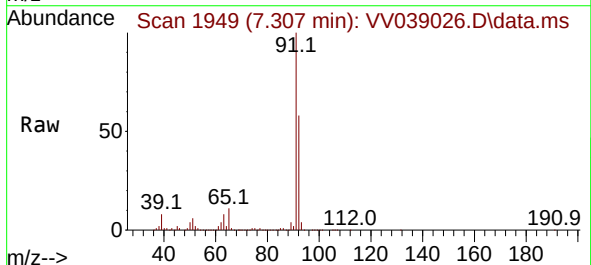
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

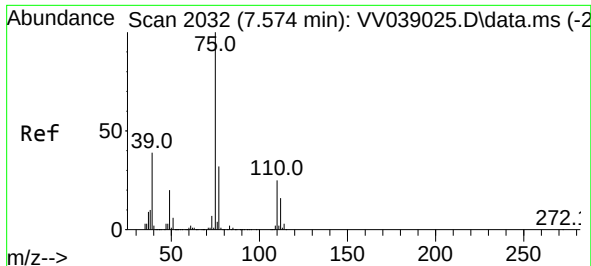
Tgt Ion: 43 Resp: 5609572  
Ion Ratio Lower Upper  
43 100  
58 41.9 33.2 49.8



#52  
Toluene  
Concen: 103.114 ug/l  
RT: 7.307 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 92 Resp: 1901323  
Ion Ratio Lower Upper  
92 100  
91 170.9 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 106.666 ug/l

RT: 7.571 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA\_V

ClientSampleId :

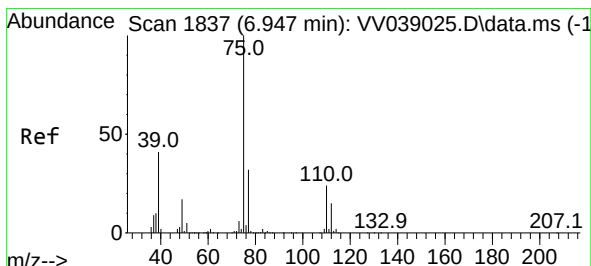
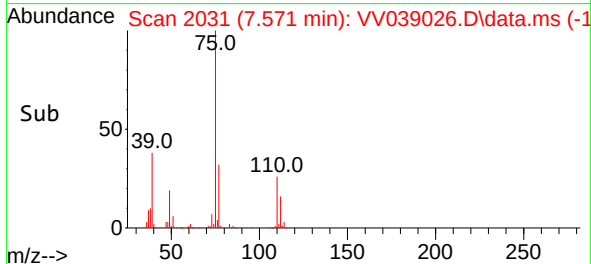
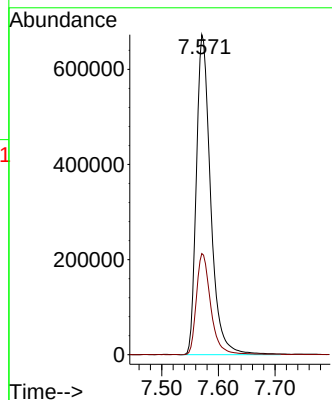
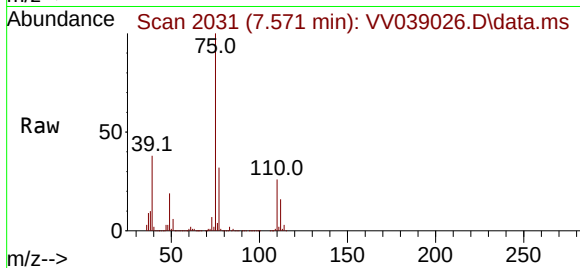
VSTDIC100

Tgt Ion: 75 Resp: 1176005

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 107.083 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

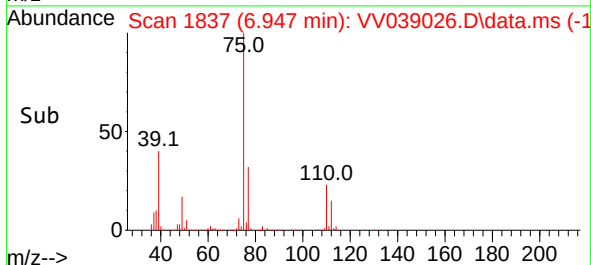
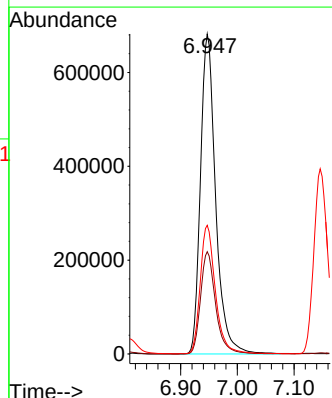
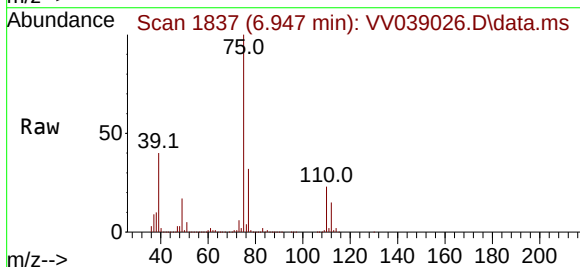
Tgt Ion: 75 Resp: 1268260

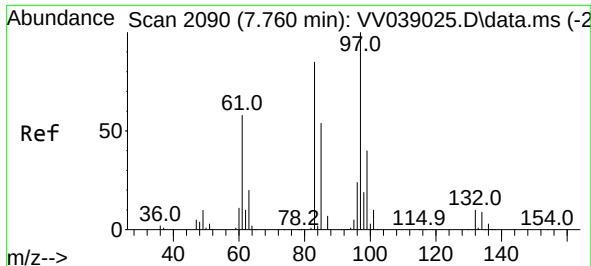
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 40.1 32.5 48.7



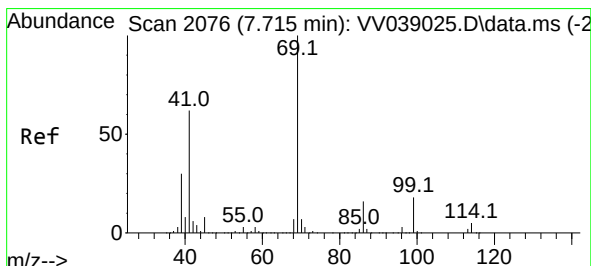
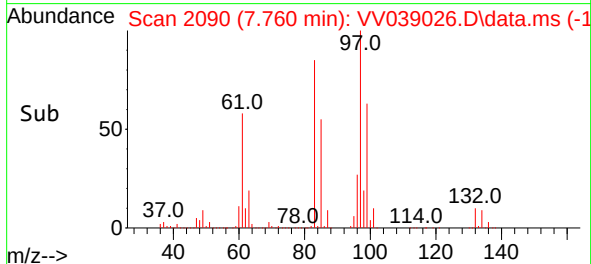
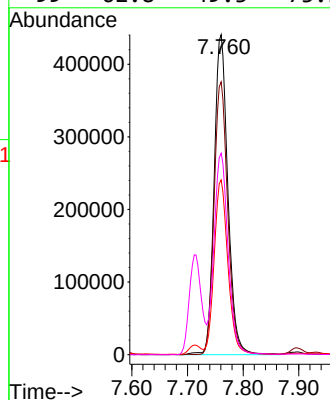
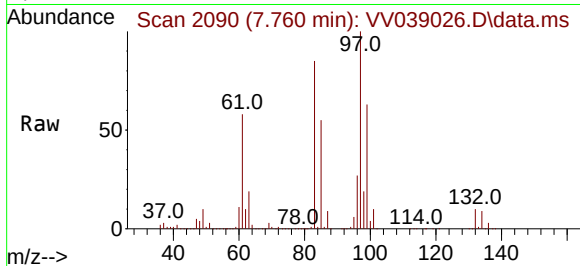


#55  
 1,1,2-Trichloroethane  
 Concen: 98.231 ug/l  
 RT: 7.760 min Scan# 2090  
 Delta R.T. 0.000 min  
 Lab File: VV039026.D  
 Acq: 25 Aug 2025 11:46

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 97 Resp: 755677

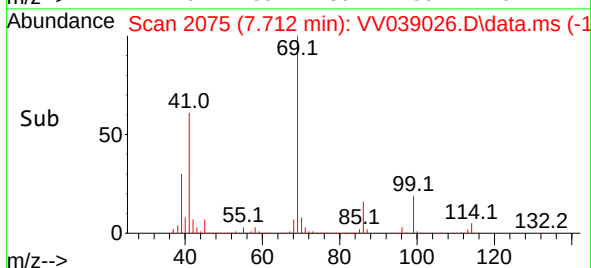
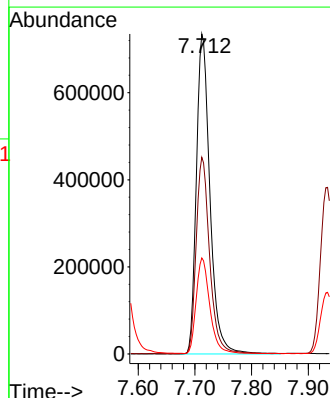
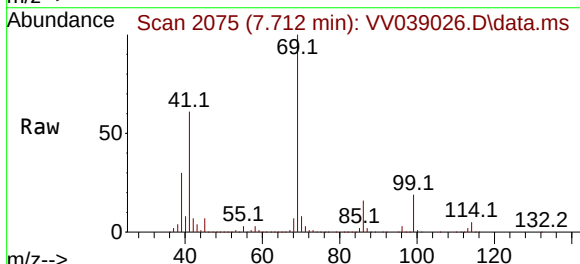
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.3  | 68.1  | 102.1 |
| 85  | 54.5  | 44.5  | 66.7  |
| 99  | 62.8  | 49.3  | 73.9  |



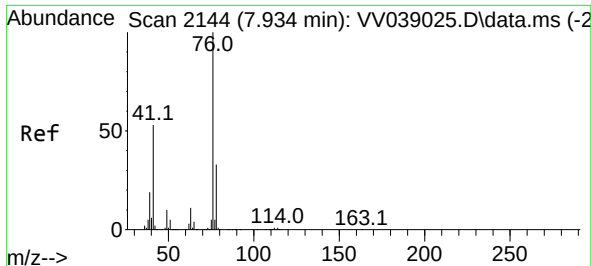
#56  
 Ethyl methacrylate  
 Concen: 119.530 ug/l  
 RT: 7.712 min Scan# 2075  
 Delta R.T. -0.003 min  
 Lab File: VV039026.D  
 Acq: 25 Aug 2025 11:46

Tgt Ion: 69 Resp: 1219644

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.0  | 49.4  | 74.2  |
| 39  | 30.0  | 24.0  | 36.0  |



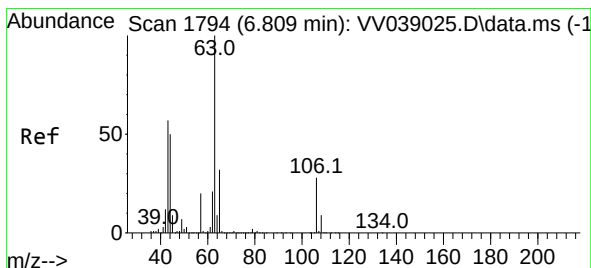
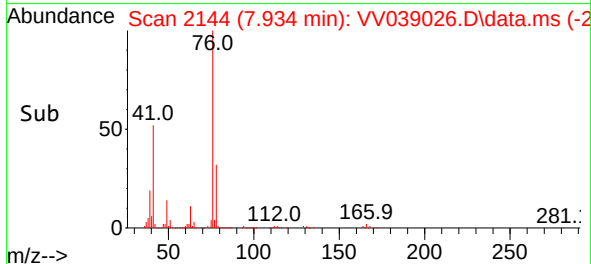
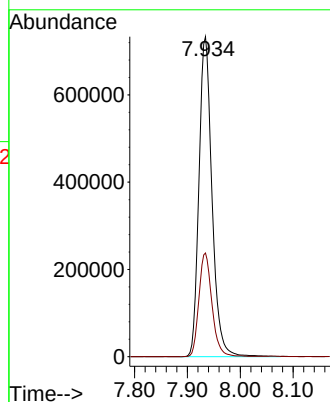
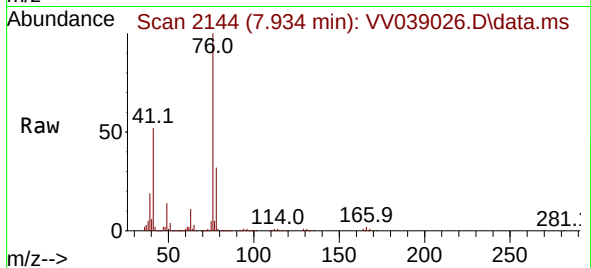




#57  
1,3-Dichloropropane  
Concen: 101.027 ug/l  
RT: 7.934 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

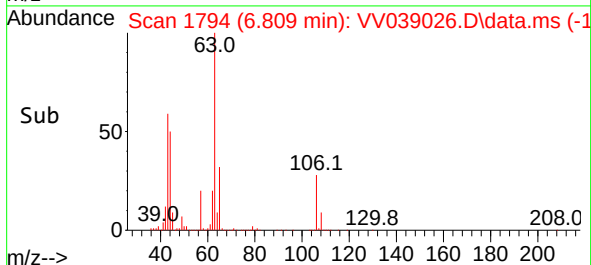
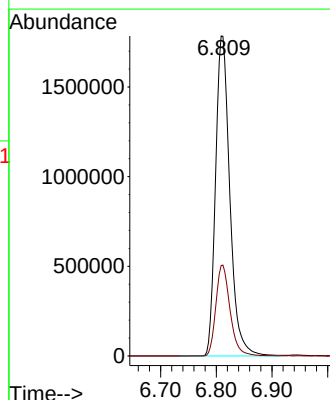
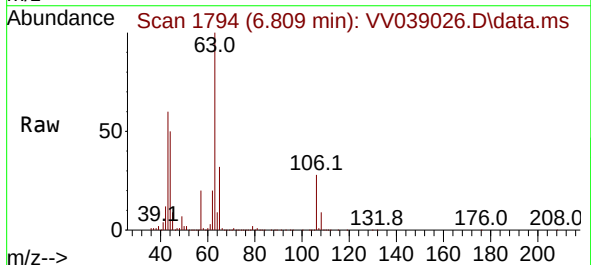
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

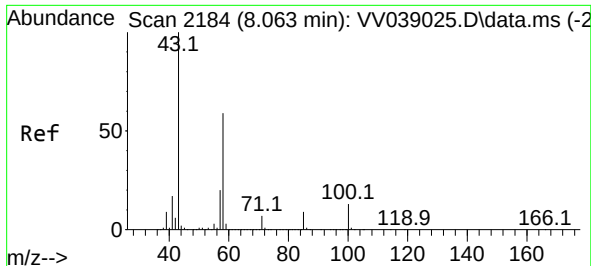
Tgt Ion: 76 Resp: 1254595  
Ion Ratio Lower Upper  
76 100  
78 32.5 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 501.471 ug/l  
RT: 6.809 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 63 Resp: 3178545  
Ion Ratio Lower Upper  
63 100  
106 28.3 22.3 33.5

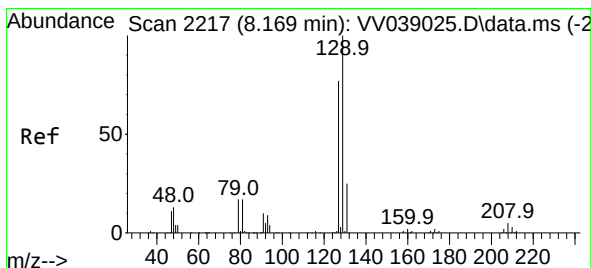
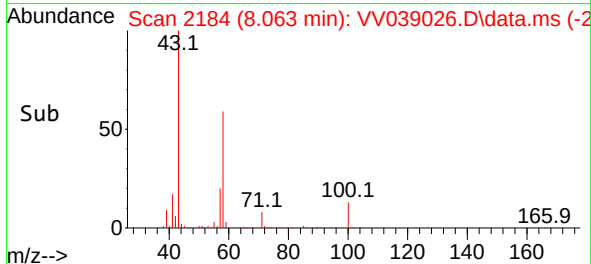
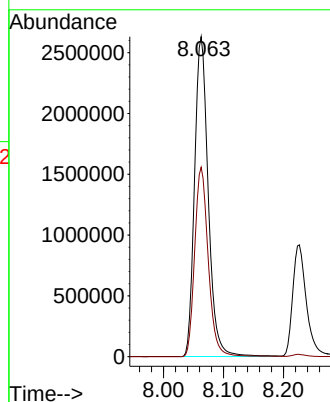
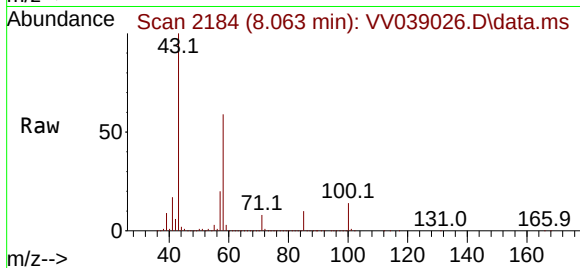




#59  
2-Hexanone  
Concen: 526.827 ug/l  
RT: 8.063 min Scan# 2184  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

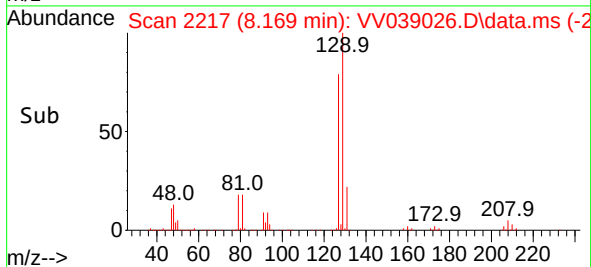
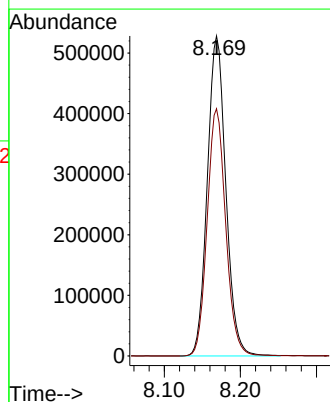
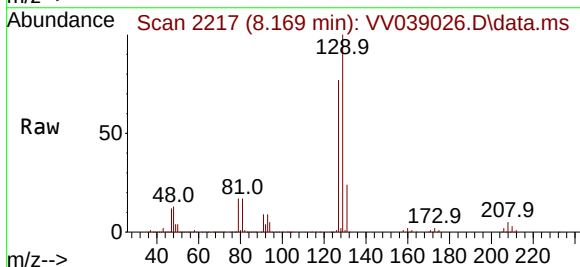
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

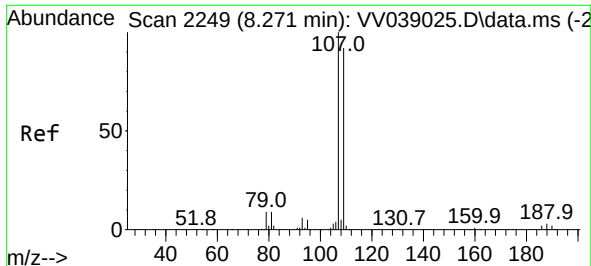
Tgt Ion: 43 Resp: 4176903  
Ion Ratio Lower Upper  
43 100  
58 59.0 28.8 86.4



#60  
Dibromochloromethane  
Concen: 100.358 ug/l  
RT: 8.169 min Scan# 2217  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 129 Resp: 893118  
Ion Ratio Lower Upper  
129 100  
127 77.5 39.0 117.0

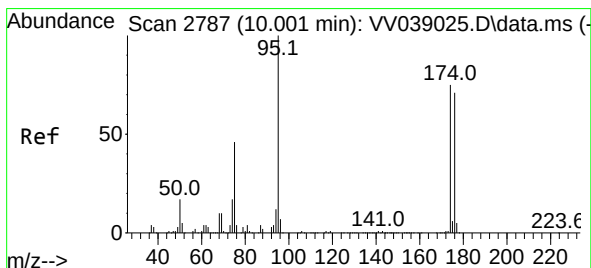
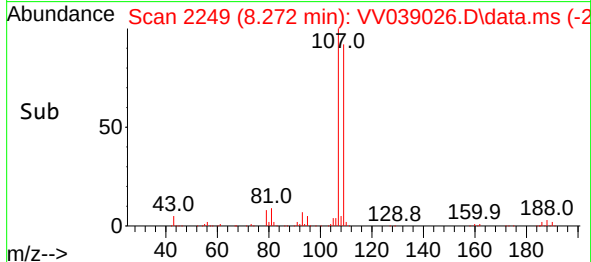
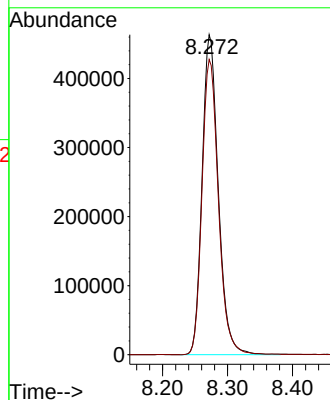
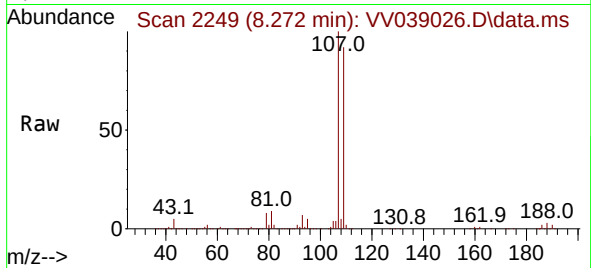




#61  
1,2-Dibromoethane  
Concen: 101.370 ug/l  
RT: 8.272 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

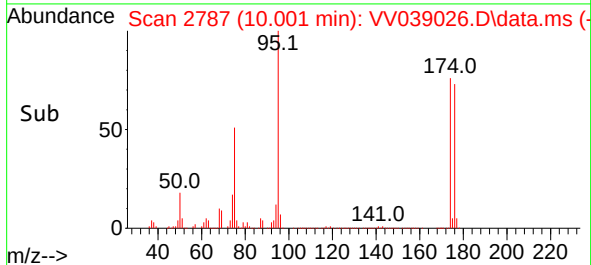
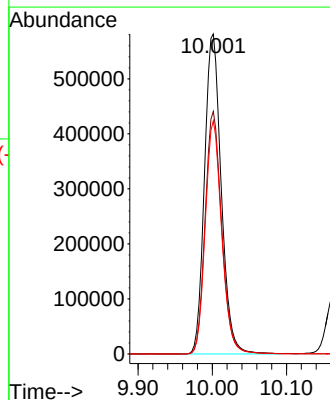
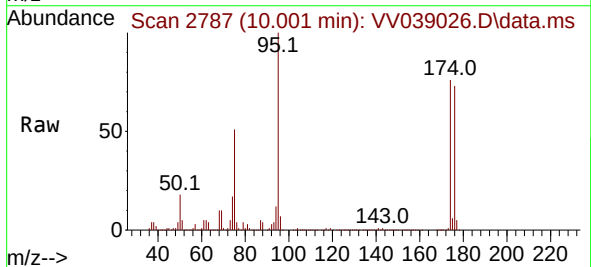
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

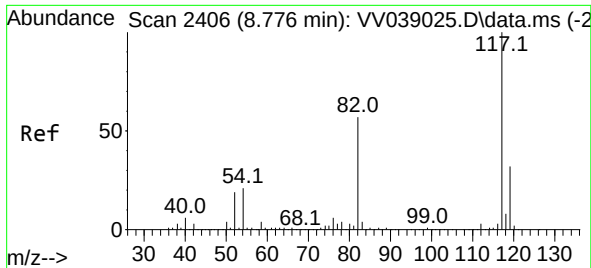
Tgt Ion:107 Resp: 804862  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.1 112.7



#62  
4-Bromofluorobenzene  
Concen: 104.139 ug/l  
RT: 10.001 min Scan# 2787  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 95 Resp: 909411  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 150.4  
176 71.4 0.0 144.2

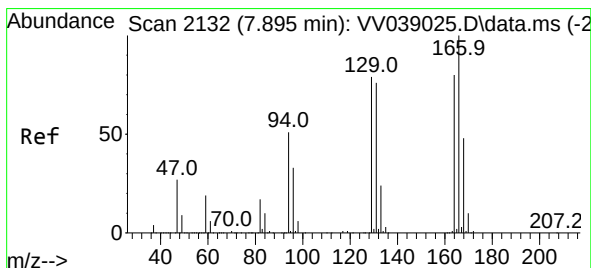
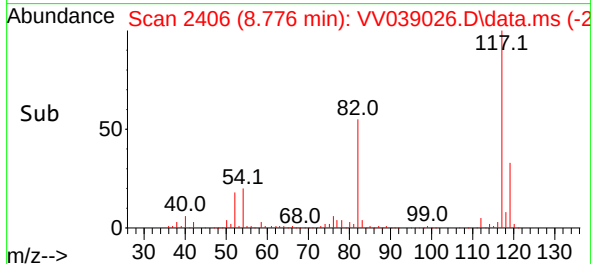
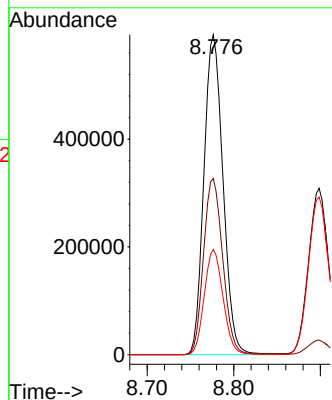
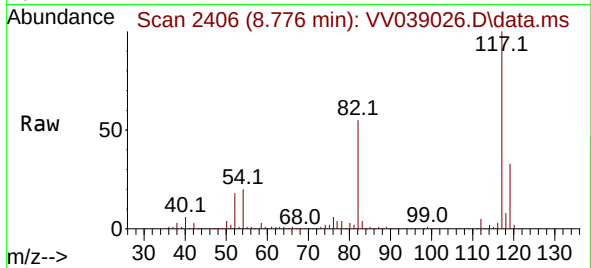




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.776 min Scan# 2406  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

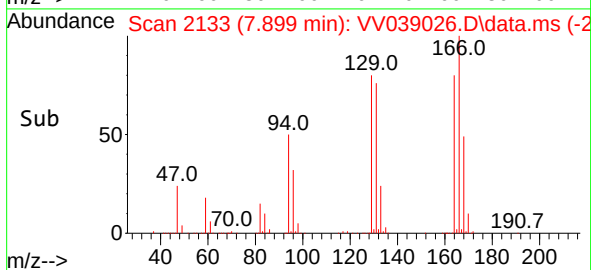
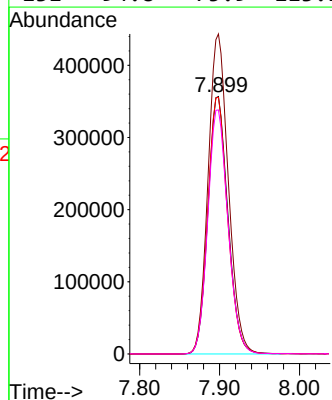
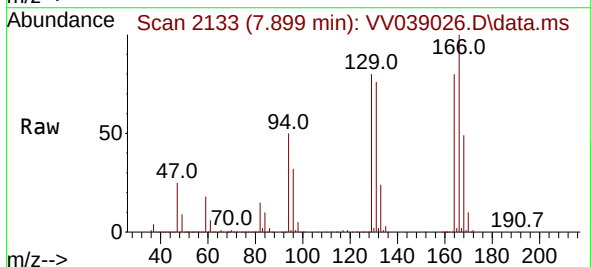
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC100

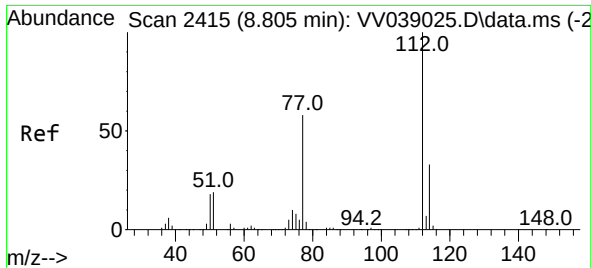
Tgt Ion:117 Resp: 909657  
Ion Ratio Lower Upper  
117 100  
82 55.0 45.6 68.4  
119 32.9 25.4 38.0



#64  
Tetrachloroethene  
Concen: 95.973 ug/l  
RT: 7.899 min Scan# 2133  
Delta R.T. 0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion:164 Resp: 620626  
Ion Ratio Lower Upper  
164 100  
166 124.3 99.7 149.5  
129 99.6 78.5 117.7  
131 94.8 75.9 113.9

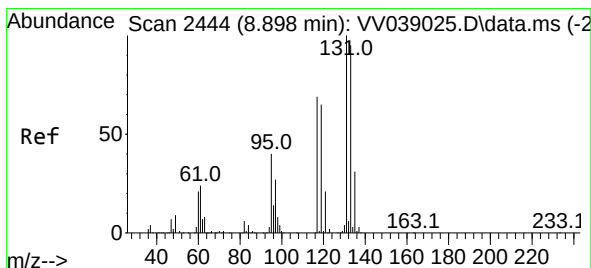
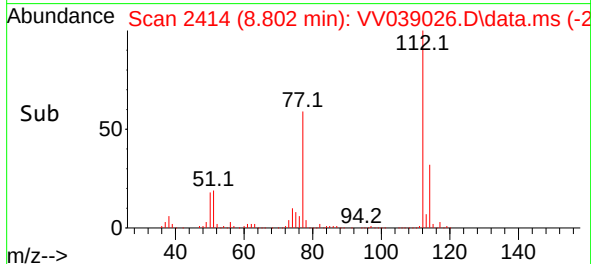
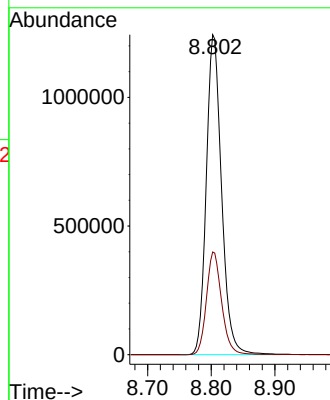
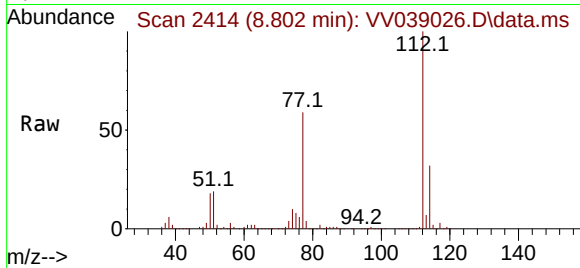




#65  
Chlorobenzene  
Concen: 95.221 ug/l  
RT: 8.802 min Scan# 2415  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

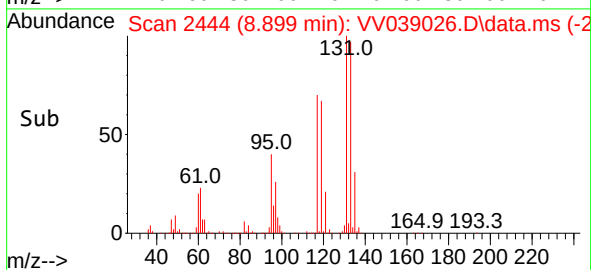
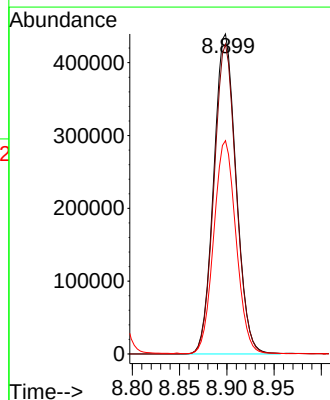
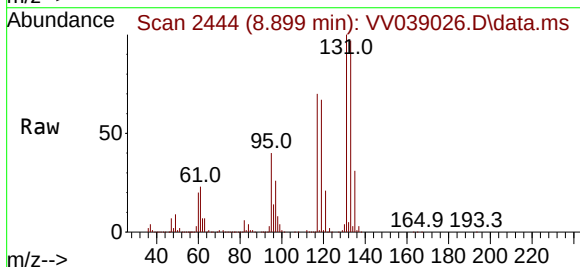
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

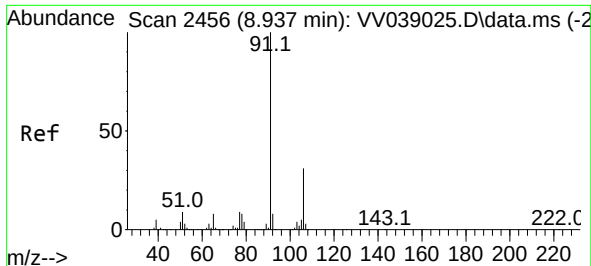
Tgt Ion:112 Resp: 2072667  
Ion Ratio Lower Upper  
112 100  
114 32.1 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 95.186 ug/l  
RT: 8.899 min Scan# 2444  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion:131 Resp: 723394  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.6 142.9  
119 66.4 33.3 99.8

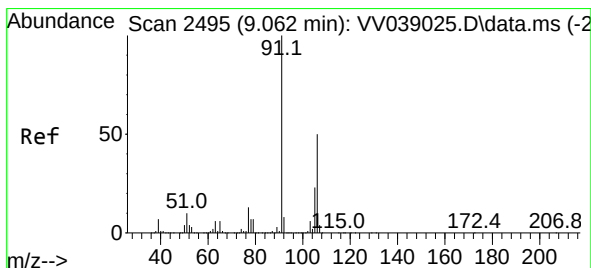
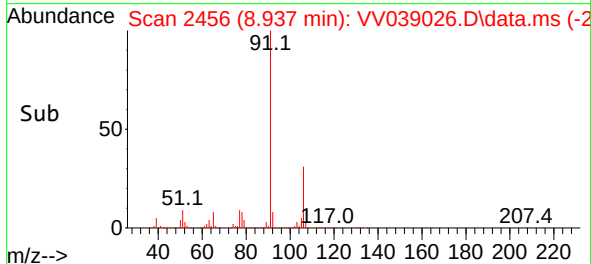
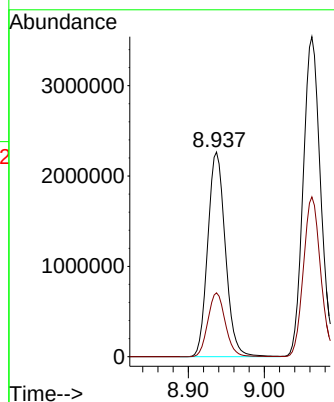
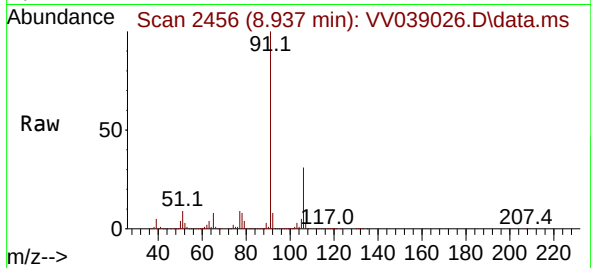




#67  
Ethyl Benzene  
Concen: 105.794 ug/l  
RT: 8.937 min Scan# 2456  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

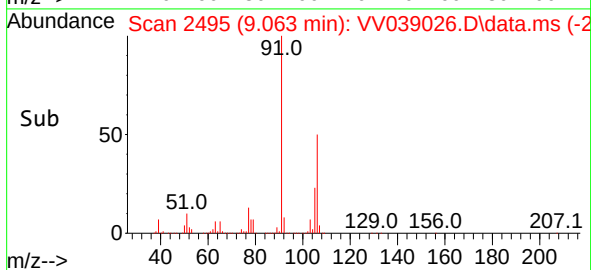
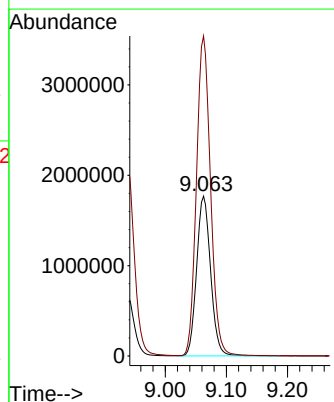
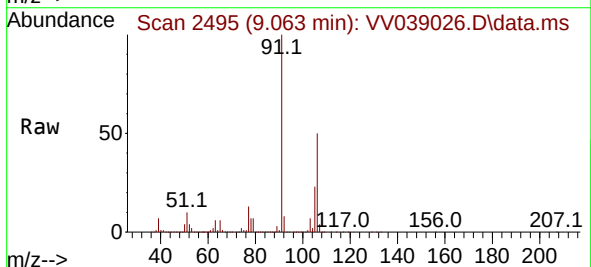
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

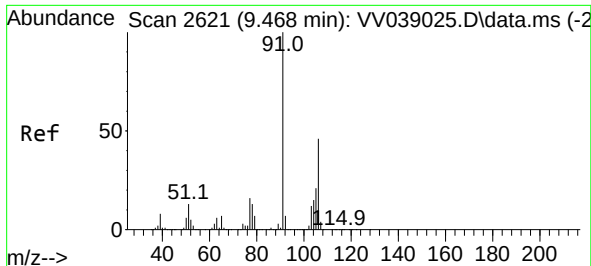
Tgt Ion: 91 Resp: 3643260  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.6 37.0



#68  
m/p-Xylenes  
Concen: 211.726 ug/l  
RT: 9.063 min Scan# 2495  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 106 Resp: 2803445  
Ion Ratio Lower Upper  
106 100  
91 202.2 162.4 243.6

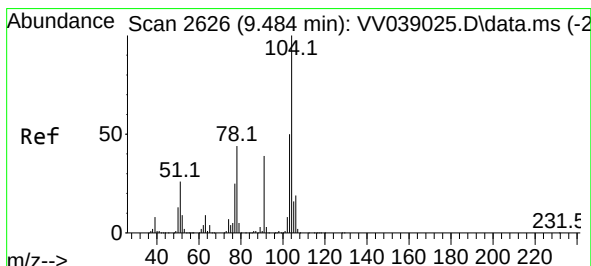
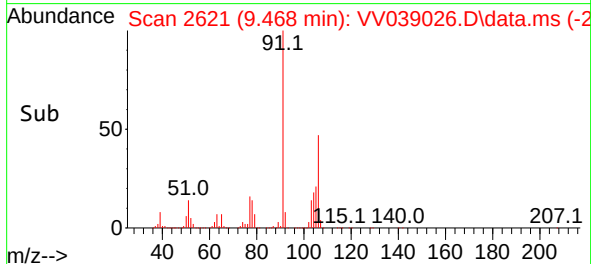
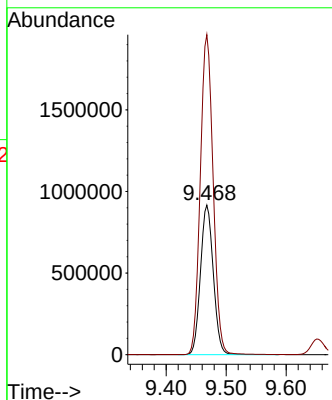
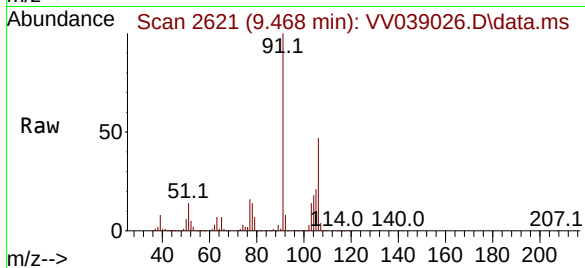




#69  
o-Xylene  
Concen: 112.368 ug/l  
RT: 9.468 min Scan# 2621  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

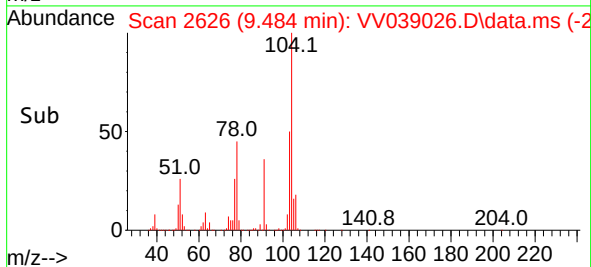
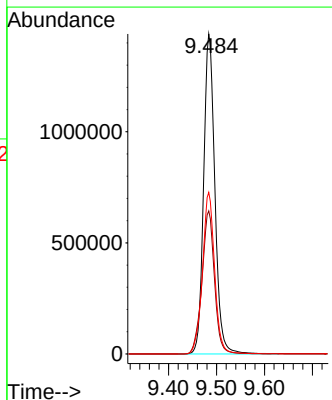
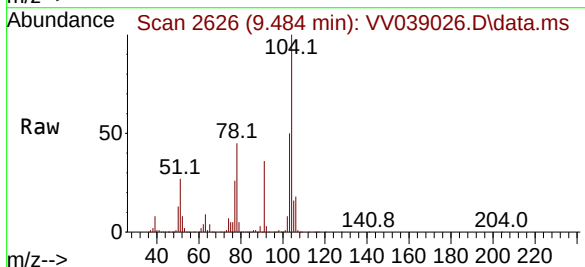
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

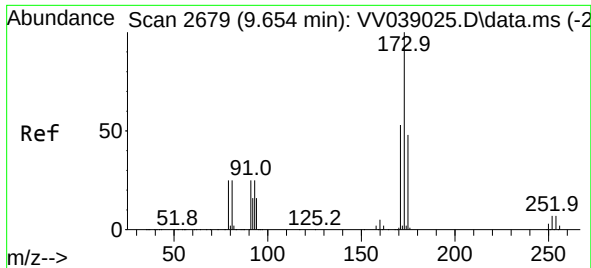
Tgt Ion:106 Resp: 1362224  
Ion Ratio Lower Upper  
106 100  
91 214.6 106.7 320.1



#70  
Styrene  
Concen: 109.806 ug/l  
RT: 9.484 min Scan# 2626  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion:104 Resp: 2345148  
Ion Ratio Lower Upper  
104 100  
78 49.7 39.3 58.9  
103 54.5 43.2 64.8

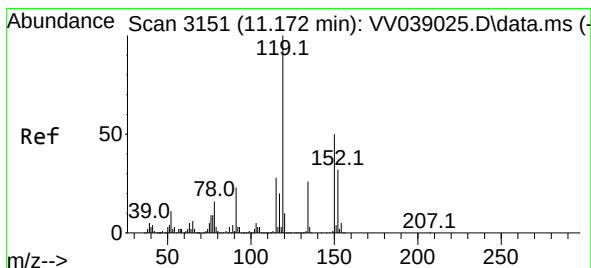
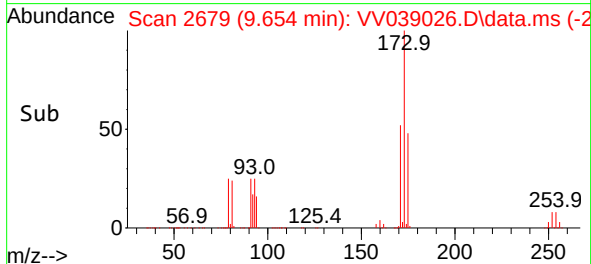
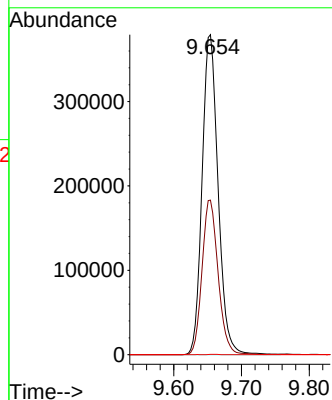
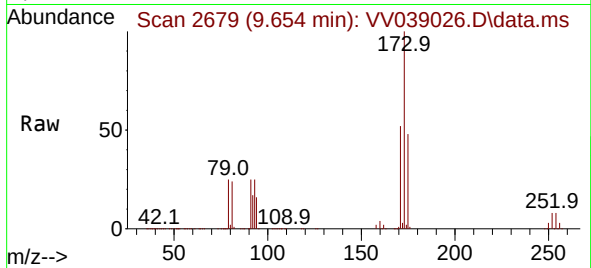




#71  
Bromoform  
Concen: 101.044 ug/l  
RT: 9.654 min Scan# 2679  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

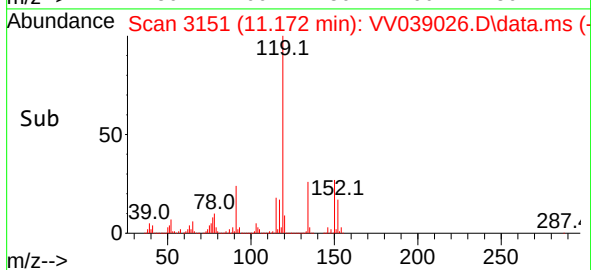
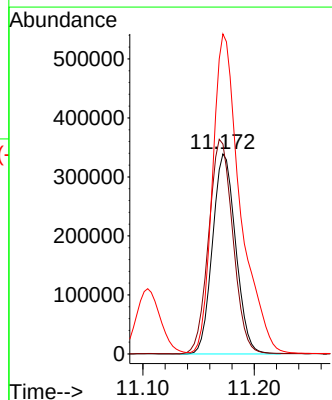
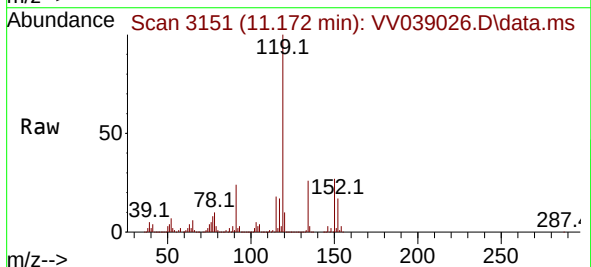
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

Tgt Ion:173 Resp: 620920  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.3 72.9  
254 0.1 0.1 0.1#

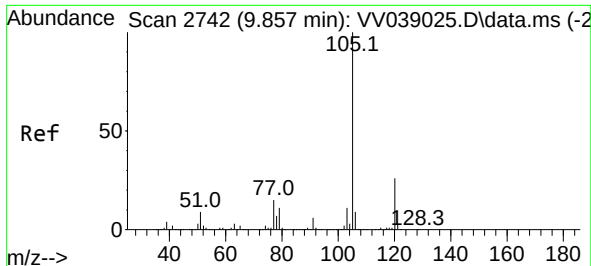


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.172 min Scan# 3151  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion:152 Resp: 489386  
Ion Ratio Lower Upper  
152 100  
115 112.2 44.0 132.1  
150 191.6 0.0 352.2



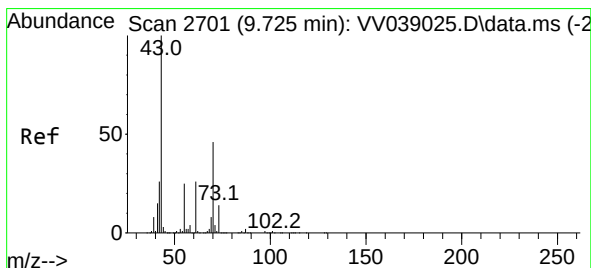
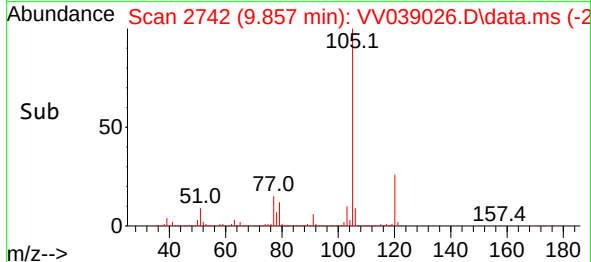
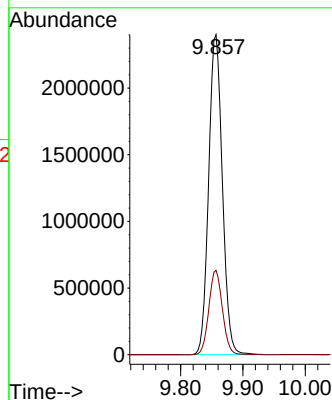
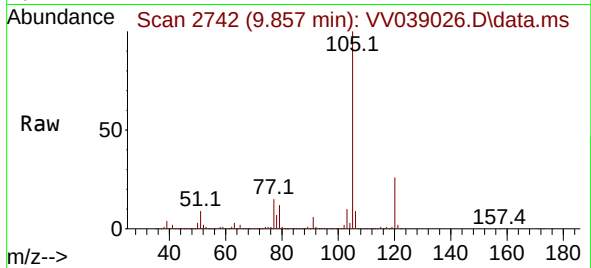




#73  
Isopropylbenzene  
Concen: 106.914 ug/l  
RT: 9.857 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

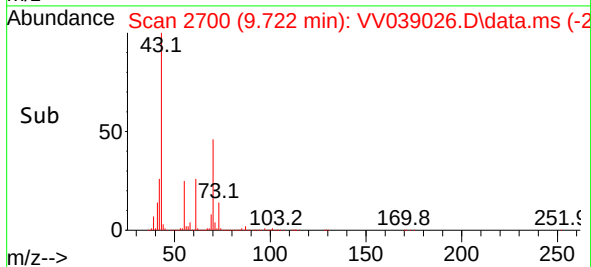
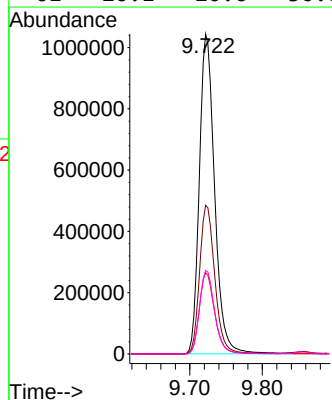
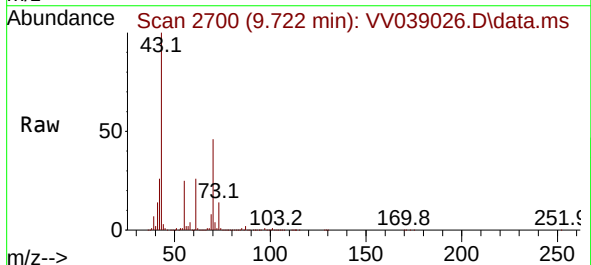
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

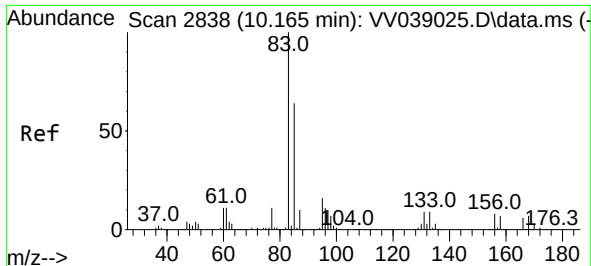
Tgt Ion:105 Resp: 3666873  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.2 39.5



#74  
N-ethyl acetate  
Concen: 108.261 ug/l  
RT: 9.722 min Scan# 2700  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 43 Resp: 1525983  
Ion Ratio Lower Upper  
43 100  
70 46.6 36.4 54.6  
55 25.5 20.6 30.8  
61 26.1 20.6 30.8

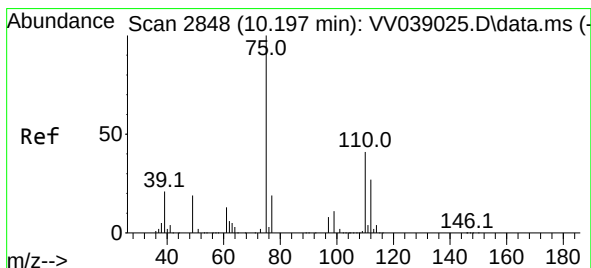
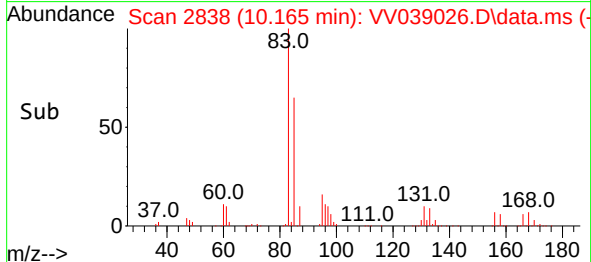
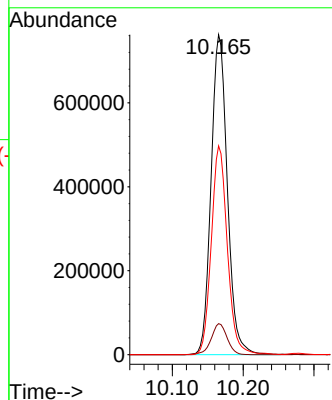
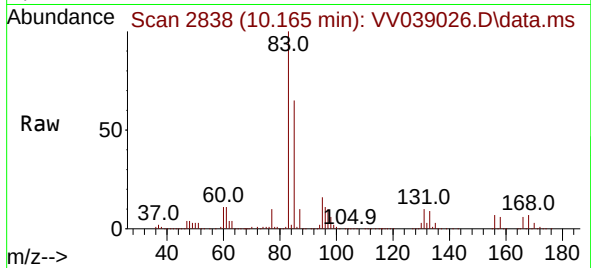




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 89.790 ug/l  
 RT: 10.165 min Scan# 2838  
 Delta R.T. 0.000 min  
 Lab File: VV039026.D  
 Acq: 25 Aug 2025 11:46

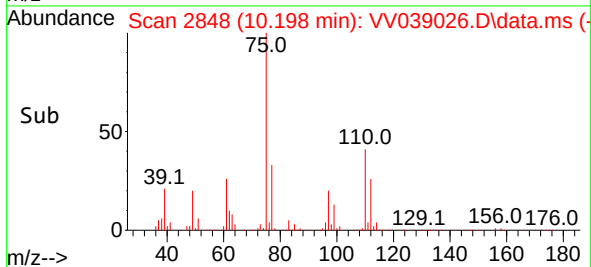
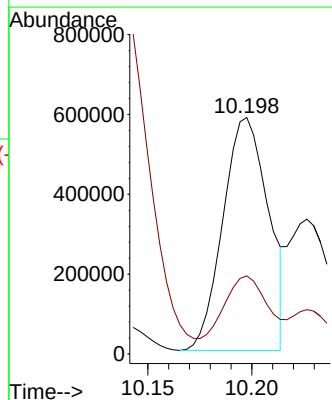
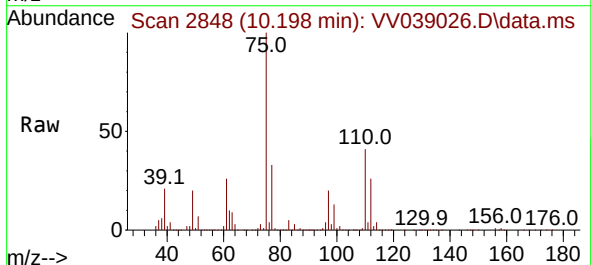
Instrument :  
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 ClientSampleId :  
 VSTDIC100

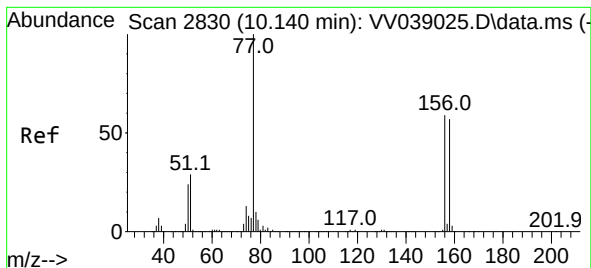
Tgt Ion: 83 Resp: 1213175  
 Ion Ratio Lower Upper  
 83 100  
 131 9.6 4.7 14.0  
 85 64.5 31.8 95.4



#76  
 1,2,3-Trichloropropane  
 Concen: 92.187 ug/l  
 RT: 10.198 min Scan# 2848  
 Delta R.T. 0.000 min  
 Lab File: VV039026.D  
 Acq: 25 Aug 2025 11:46

Tgt Ion: 75 Resp: 885593  
 Ion Ratio Lower Upper  
 75 100  
 77 35.5 11.9 35.5





#77

Bromobenzene

Concen: 99.149 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA\_V

ClientSampleId :

VSTDIC100

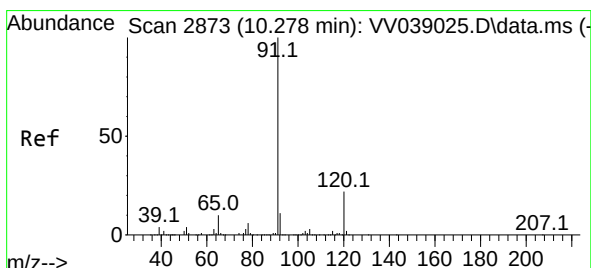
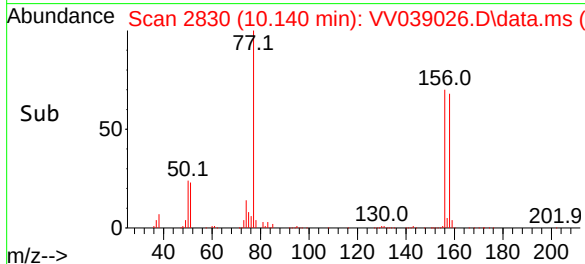
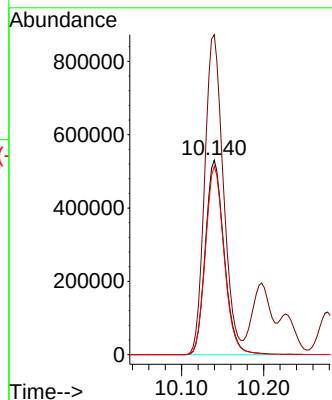
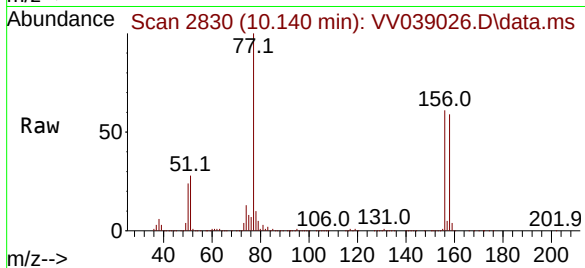
Tgt Ion:156 Resp: 842455

Ion Ratio Lower Upper

156 100

77 163.7 82.5 247.7

158 96.8 49.4 148.0



#78

n-propylbenzene

Concen: 107.288 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV039026.D

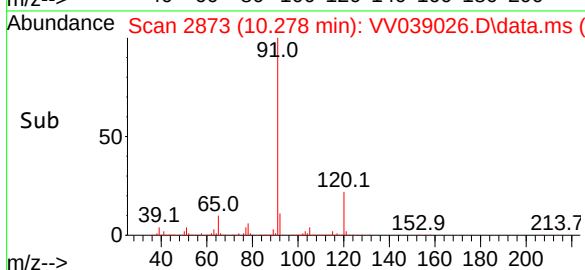
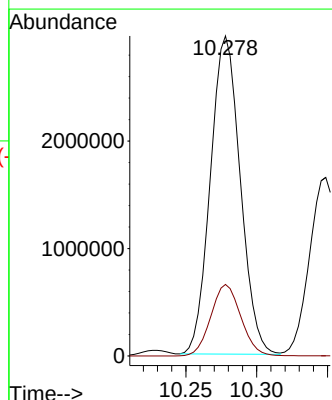
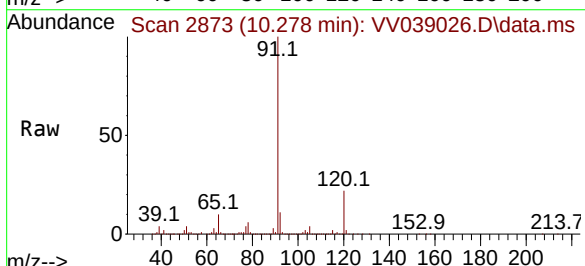
Acq: 25 Aug 2025 11:46

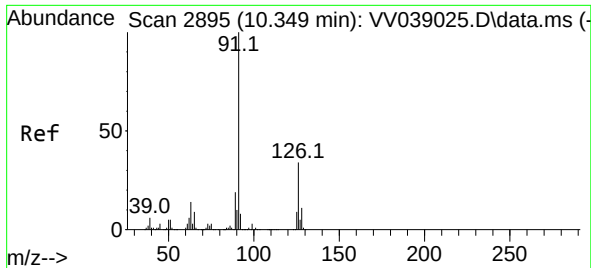
Tgt Ion: 91 Resp: 4343780

Ion Ratio Lower Upper

91 100

120 22.7 11.2 33.6

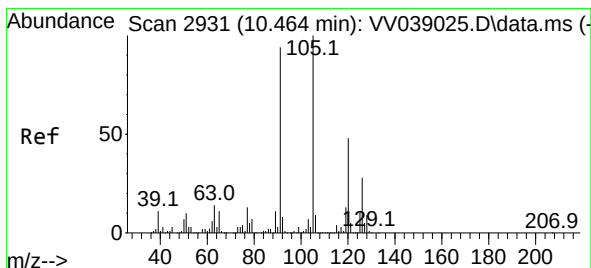
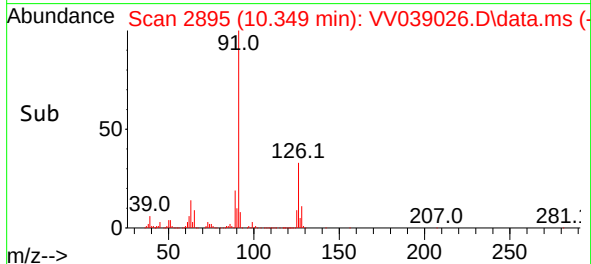
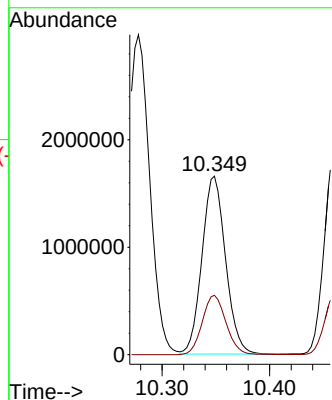
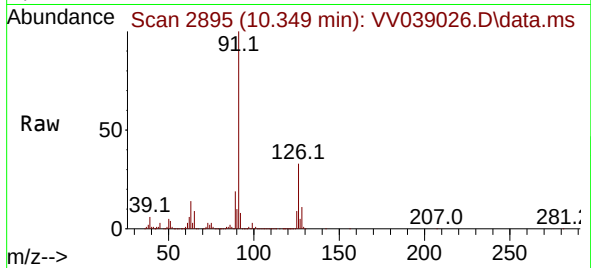




#79  
2-Chlorotoluene  
Concen: 100.878 ug/l  
RT: 10.349 min Scan# 2895  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

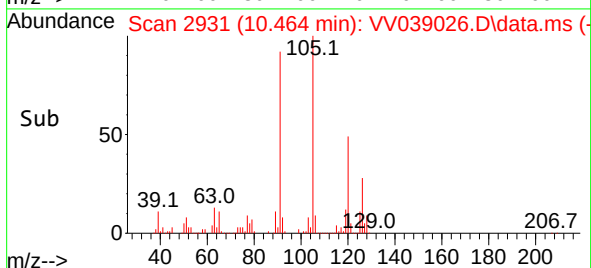
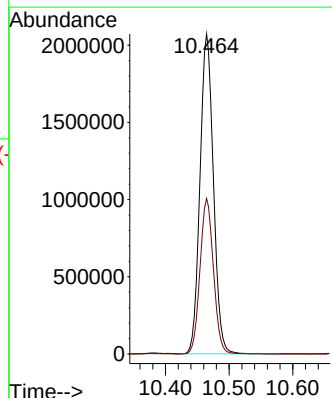
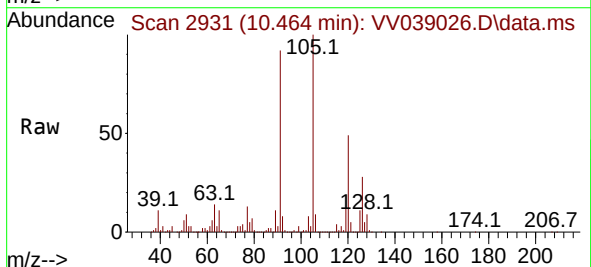
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

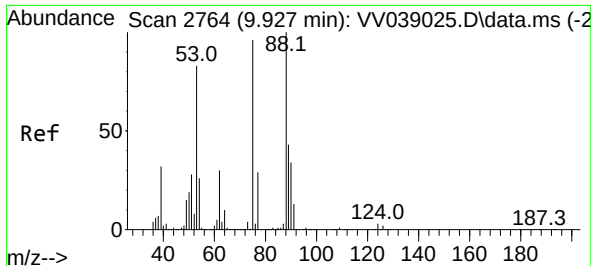
Tgt Ion: 91 Resp: 2516555  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.7 50.1



#80  
1,3,5-Trimethylbenzene  
Concen: 107.802 ug/l  
RT: 10.464 min Scan# 2931  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 105 Resp: 3034101  
Ion Ratio Lower Upper  
105 100  
120 48.6 23.9 71.8

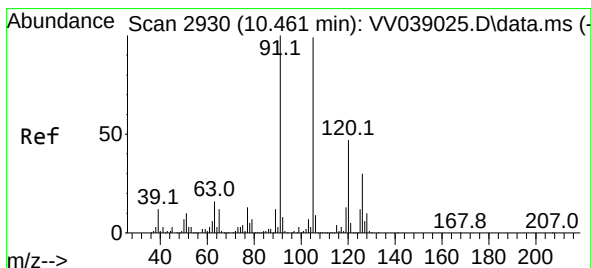
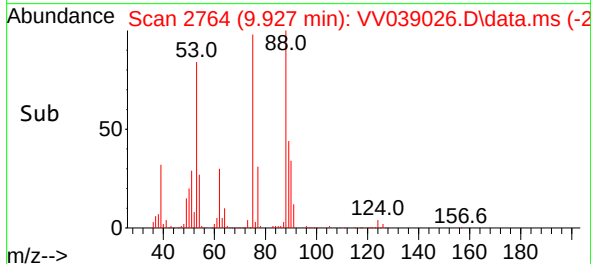
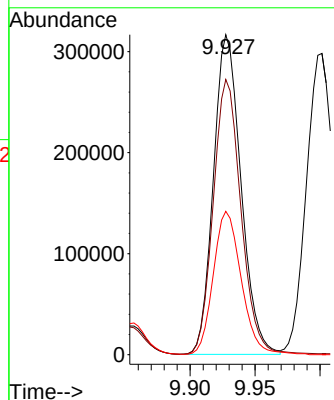
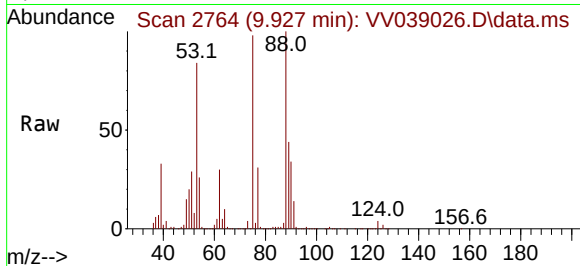




#81  
trans-1,4-Dichloro-2-butene  
Concen: 106.945 ug/l  
RT: 9.927 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

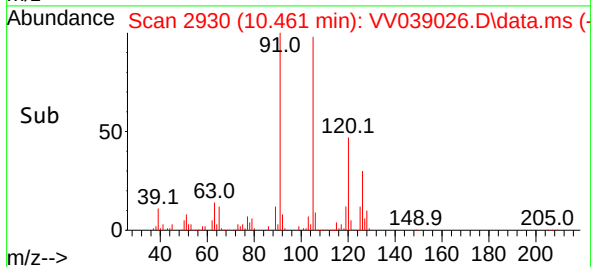
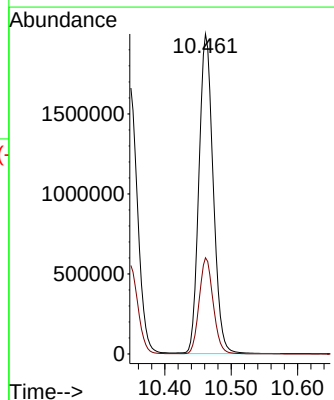
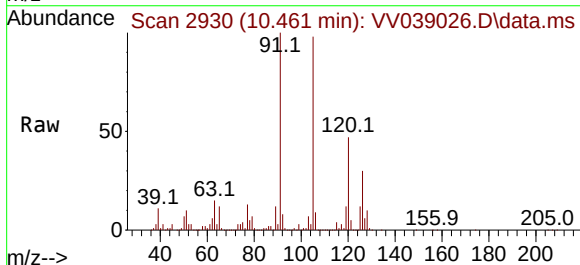
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

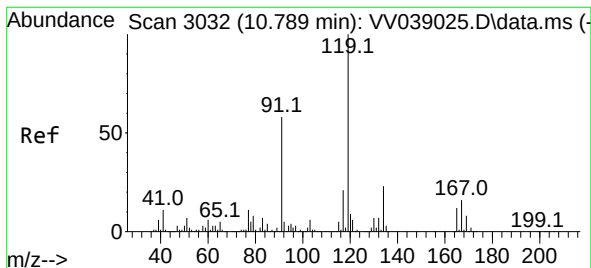
Tgt Ion: 75 Resp: 467156  
Ion Ratio Lower Upper  
75 100  
53 86.1 70.2 105.4  
89 45.6 36.5 54.7



#82  
4-Chlorotoluene  
Concen: 104.749 ug/l  
RT: 10.461 min Scan# 2930  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 91 Resp: 2972688  
Ion Ratio Lower Upper  
91 100  
126 29.5 14.9 44.5





#83

tert-Butylbenzene

Concen: 102.798 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICC100

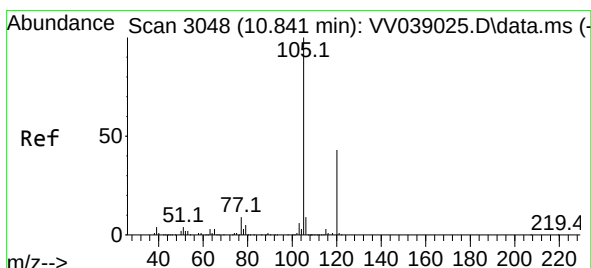
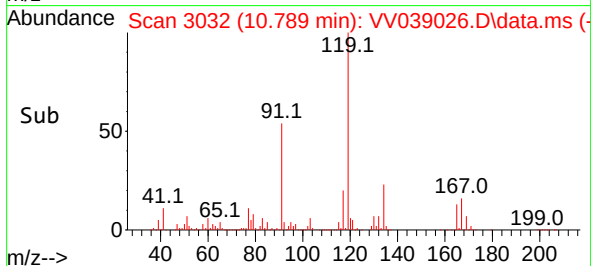
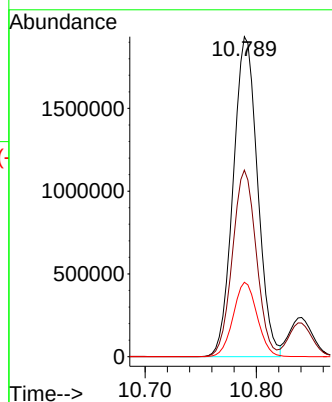
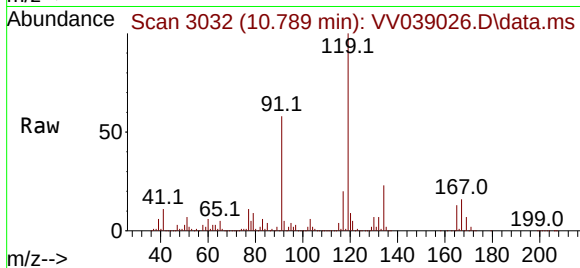
Tgt Ion:119 Resp: 2943590

Ion Ratio Lower Upper

119 100

91 57.0 28.1 84.4

134 22.8 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 106.054 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV039026.D

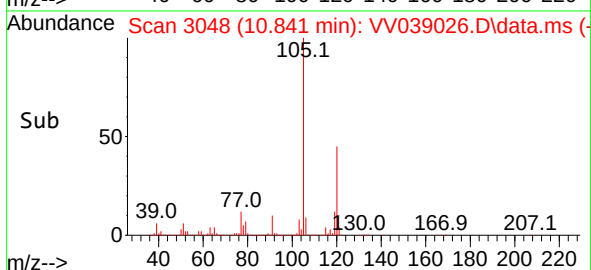
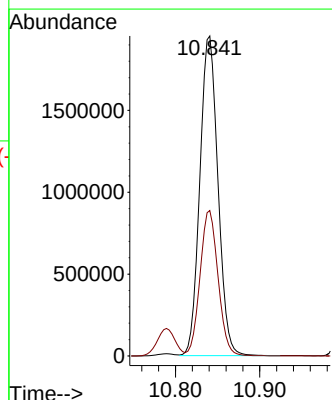
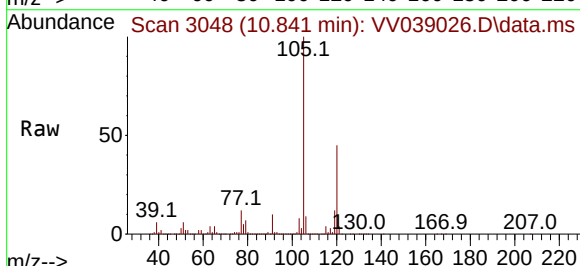
Acq: 25 Aug 2025 11:46

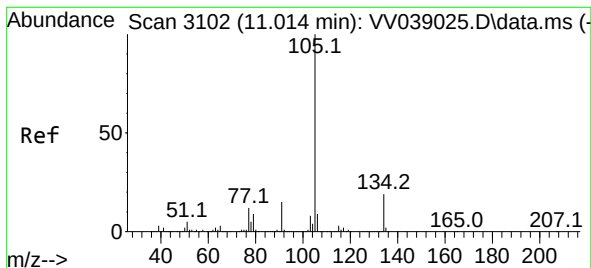
Tgt Ion:105 Resp: 2921204

Ion Ratio Lower Upper

105 100

120 45.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 103.185 ug/l

RT: 11.011 min Scan# 3102

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA\_V

ClientSampleId :

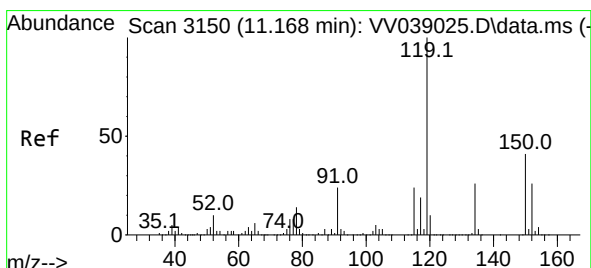
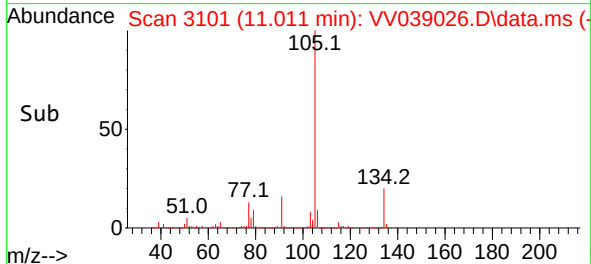
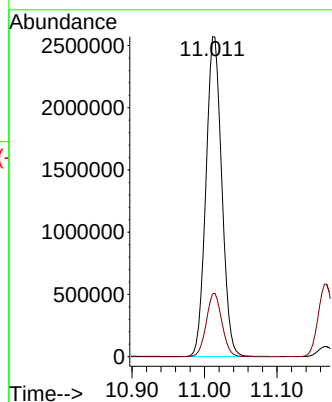
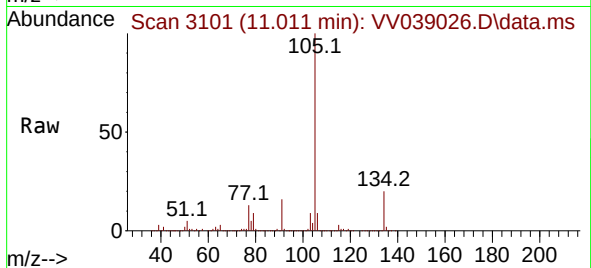
VSTDIC100

Tgt Ion:105 Resp: 3885782

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 104.913 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

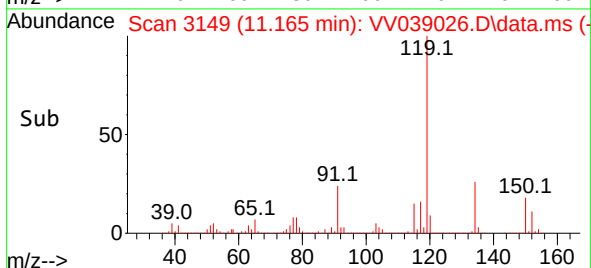
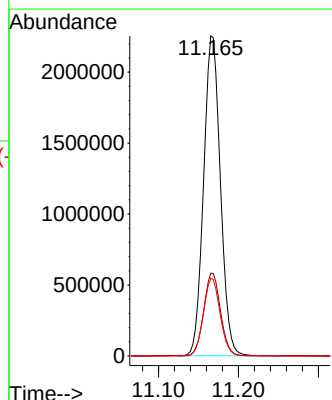
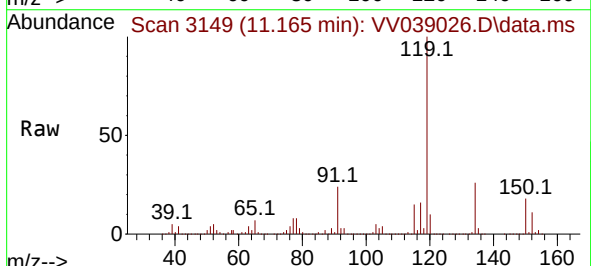
Tgt Ion:119 Resp: 3294477

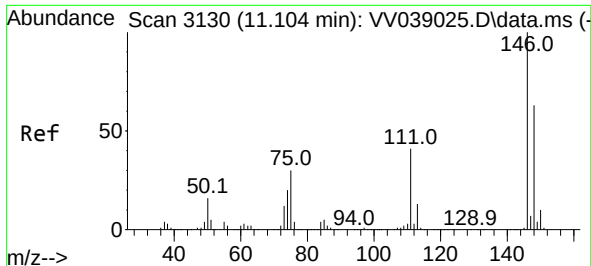
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 97.643 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICC100

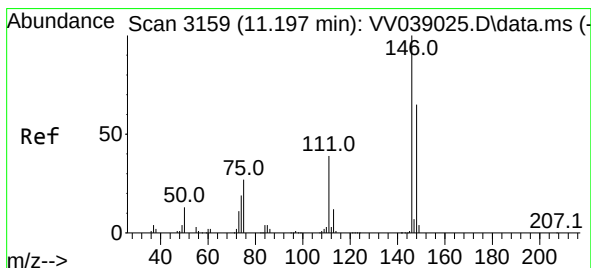
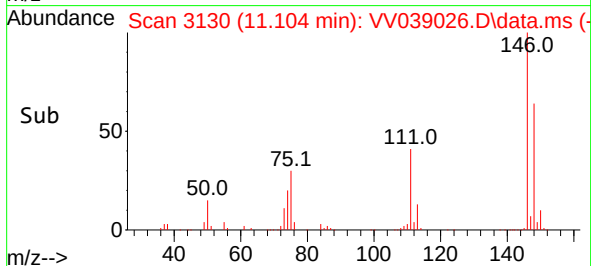
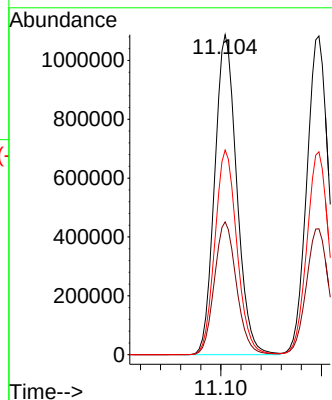
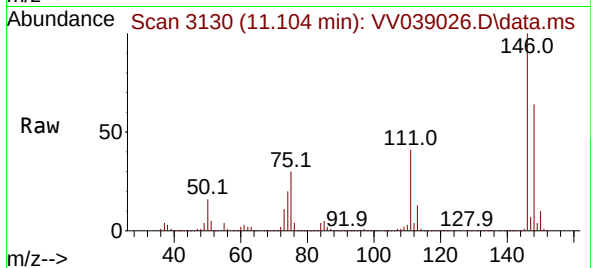
Tgt Ion:146 Resp: 1658427

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 63.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 91.556 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

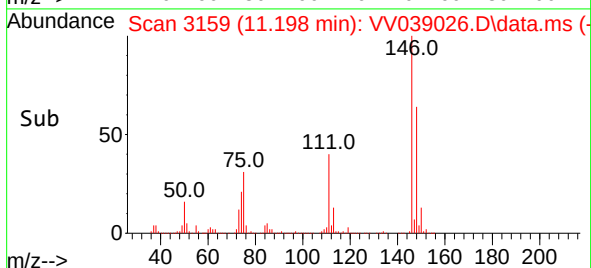
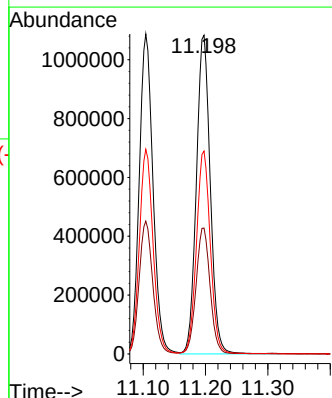
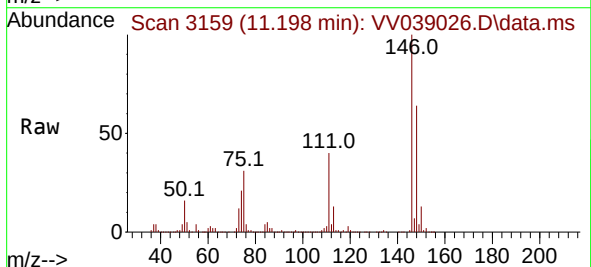
Tgt Ion:146 Resp: 1675532

Ion Ratio Lower Upper

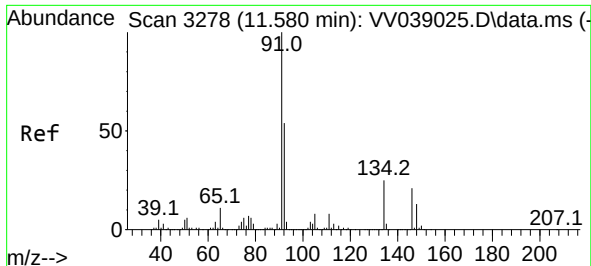
146 100

111 39.7 20.1 60.3

148 63.5 32.5 97.4



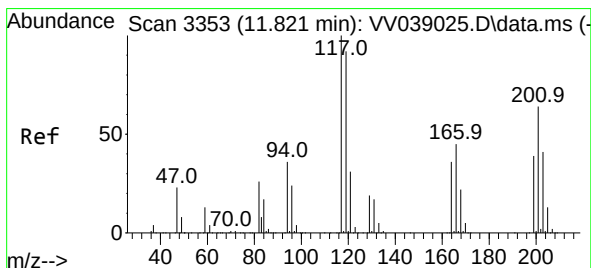
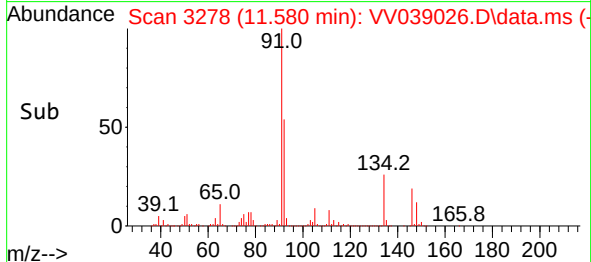
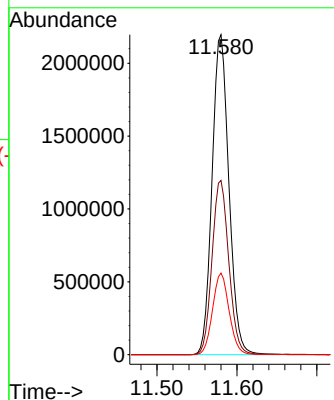
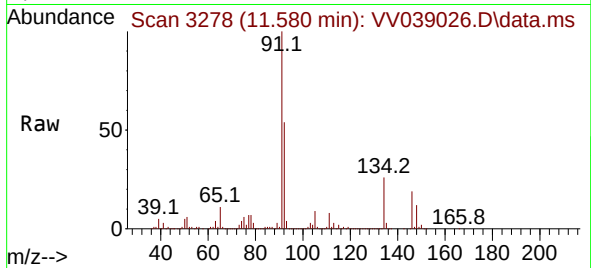




#89  
n-Butylbenzene  
Concen: 106.027 ug/l  
RT: 11.580 min Scan# 3278  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

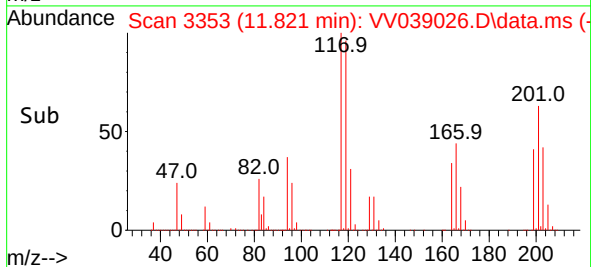
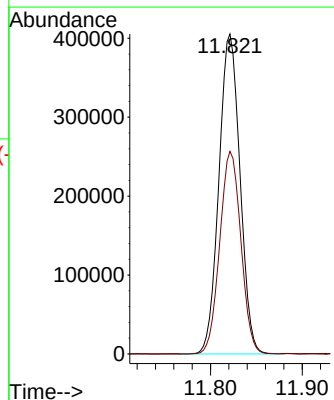
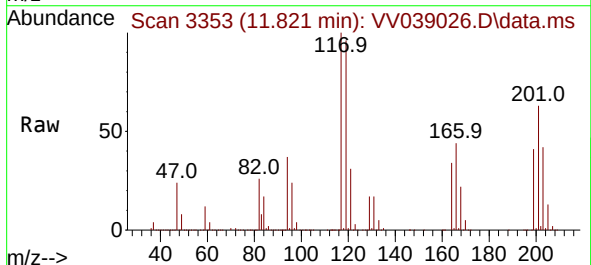
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

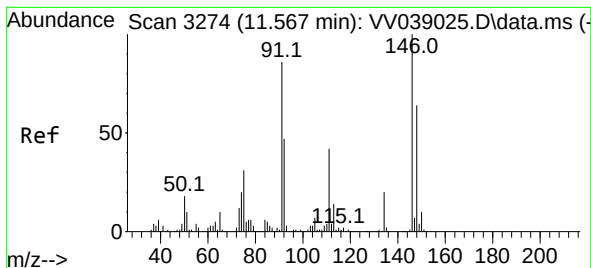
Tgt Ion: 91 Resp: 3211339  
Ion Ratio Lower Upper  
91 100  
92 54.5 26.8 80.4  
134 25.2 12.2 36.6



#90  
Hexachloroethane  
Concen: 92.217 ug/l  
RT: 11.821 min Scan# 3353  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion: 117 Resp: 646897  
Ion Ratio Lower Upper  
117 100  
201 63.5 32.2 96.6





#91

1,2-Dichlorobenzene

Concen: 96.888 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICC100

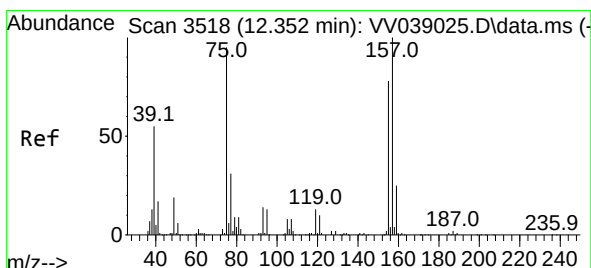
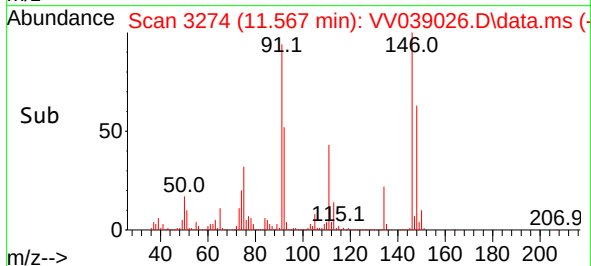
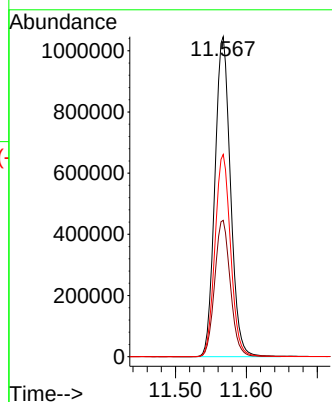
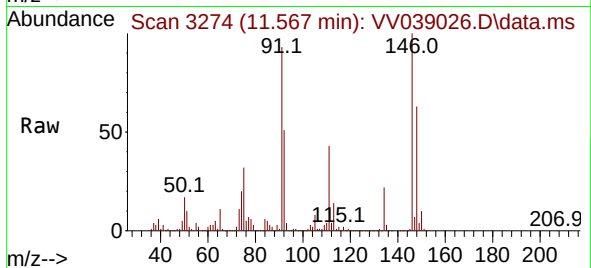
Tgt Ion:146 Resp: 1596077

Ion Ratio Lower Upper

146 100

111 42.8 21.1 63.4

148 63.4 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 92.977 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.003 min

Lab File: VV039026.D

Acq: 25 Aug 2025 11:46

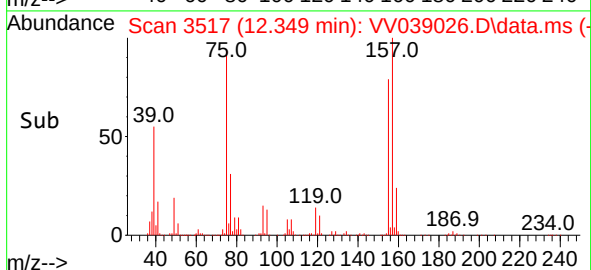
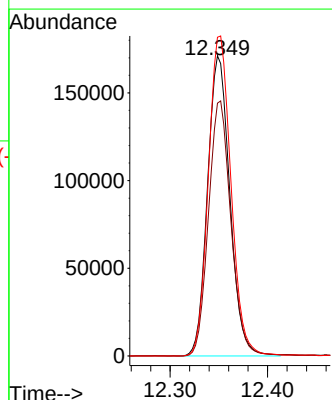
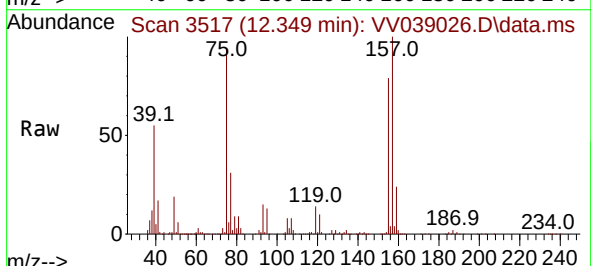
Tgt Ion: 75 Resp: 272885

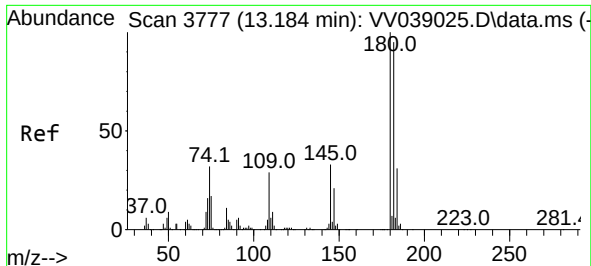
Ion Ratio Lower Upper

75 100

155 85.4 40.9 122.7

157 108.1 53.4 160.3

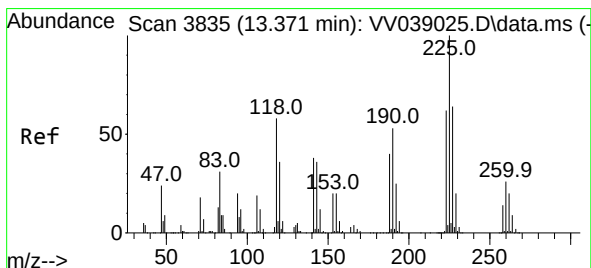
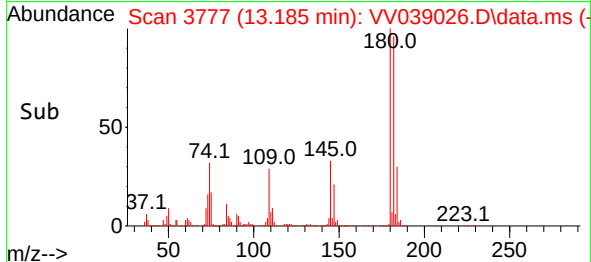
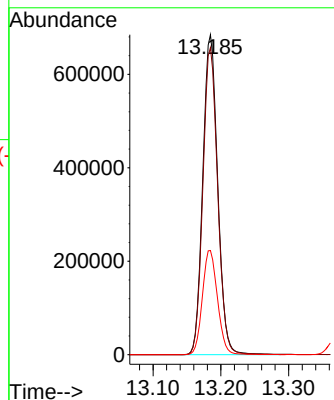
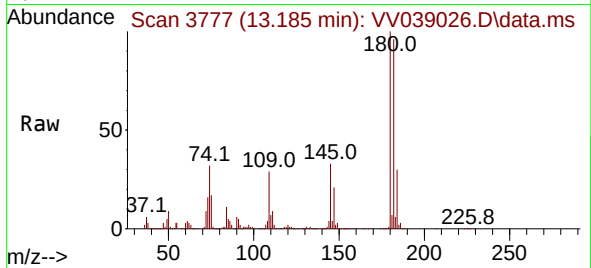




#93  
1,2,4-Trichlorobenzene  
Concen: 109.514 ug/l  
RT: 13.185 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

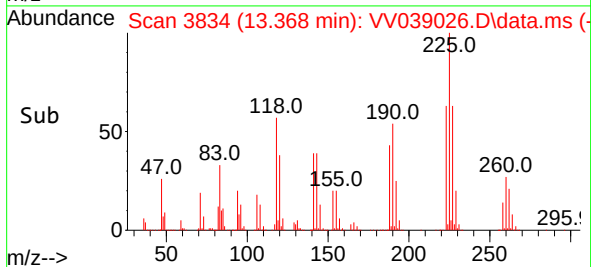
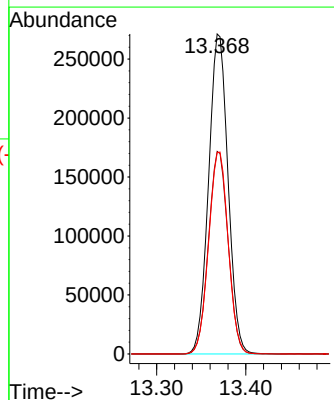
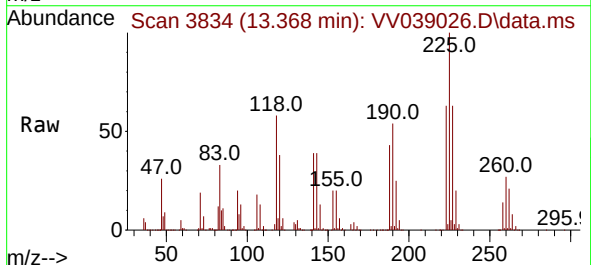
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICC100

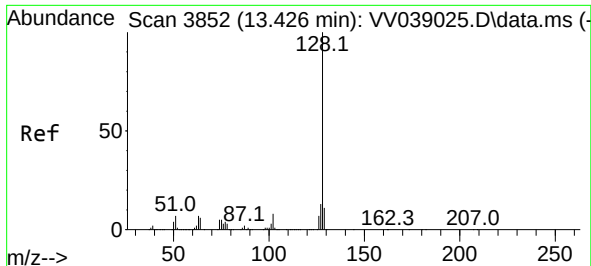
Tgt Ion:180 Resp: 1045383  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.5 142.6  
145 32.9 16.3 48.9



#94  
Hexachlorobutadiene  
Concen: 91.787 ug/l  
RT: 13.368 min Scan# 3834  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion:225 Resp: 409706  
Ion Ratio Lower Upper  
225 100  
223 63.7 32.1 96.5  
227 63.5 31.6 95.0

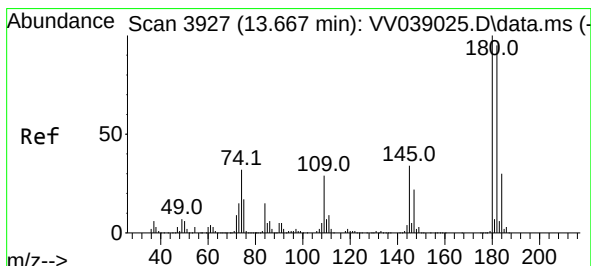
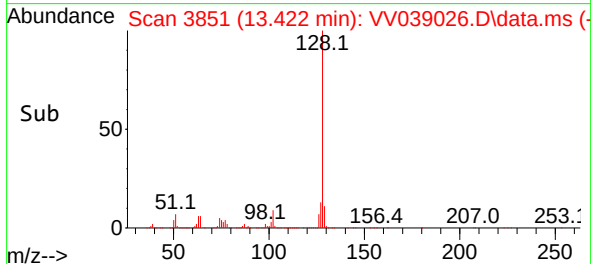
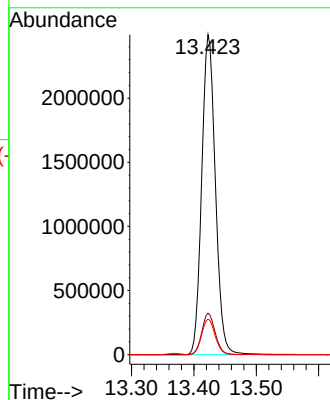
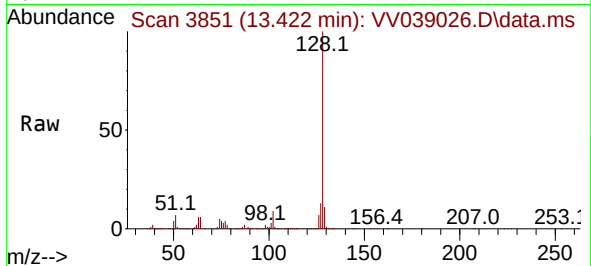




#95  
Naphthalene  
Concen: 114.832 ug/l  
RT: 13.422 min Scan# 3851  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 3801809  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.9 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 109.302 ug/l  
RT: 13.664 min Scan# 3926  
Delta R.T. -0.003 min  
Lab File: VV039026.D  
Acq: 25 Aug 2025 11:46

Tgt Ion:180 Resp: 1057233  
Ion Ratio Lower Upper  
180 100  
182 93.9 47.0 141.0  
145 34.5 17.0 51.0

