

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VW092925\  
 Data File : VW039237.D  
 Acq On : 29 Sep 2025 17:15  
 Operator : SY/MD  
 Sample : Q3195-20MS  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-33D-091725MS

Quant Time: Sep 30 01:29:15 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                        |        |       |          |          |        |           |
| Internal Standards           |        |       |          |          |        |           |
| 1) Pentafluorobenzene        | 4.600  | 168   | 494074   | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene      | 5.532  | 114   | 722914   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5         | 8.776  | 117   | 717971   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4   | 11.172 | 152   | 463779   | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds  |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4    | 4.944  | 65    | 298046   | 41.681   | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 81 - 118 | Recovery | =      | 83.360%   |
| 35) Dibromofluoromethane     | 4.500  | 113   | 300465   | 51.701   | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 80 - 119 | Recovery | =      | 103.400%  |
| 50) Toluene-d8               | 7.236  | 98    | 841006   | 49.271   | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 89 - 112 | Recovery | =      | 98.540%   |
| 62) 4-Bromofluorobenzene     | 10.001 | 95    | 400996   | 57.067   | ug/l   | 0.00      |
| Spiked Amount                | 50.000 | Range | 85 - 114 | Recovery | =      | 114.140%# |
| Target Compounds             |        |       |          |          |        |           |
|                              |        |       |          |          | Qvalue |           |
| 2) Dichlorodifluoromethane   | 1.121  | 85    | 386406   | 49.405   | ug/l   | 97        |
| 3) Chloromethane             | 1.227  | 50    | 362092   | 43.126   | ug/l   | 98        |
| 4) Vinyl Chloride            | 1.294  | 62    | 404425   | 44.993   | ug/l   | 100       |
| 5) Bromomethane              | 1.494  | 94    | 254510   | 44.915   | ug/l   | 98        |
| 6) Chloroethane              | 1.558  | 64    | 259641   | 48.990   | ug/l   | 96        |
| 7) Trichlorofluoromethane    | 1.725  | 101   | 623183   | 47.886   | ug/l   | 99        |
| 8) Diethyl Ether             | 1.918  | 74    | 236336   | 48.918   | ug/l   | 91        |
| 9) 1,1,2-Trichlorotrifluo... | 2.079  | 101   | 383628   | 49.543   | ug/l   | 97        |
| 10) Methyl Iodide            | 2.195  | 142   | 398316   | 54.016   | ug/l   | 99        |
| 11) Tert butyl alcohol       | 2.571  | 59    | 419483   | 277.559  | ug/l   | 100       |
| 12) 1,1-Dichloroethene       | 2.082  | 96    | 362747   | 48.695   | ug/l   | 91        |
| 13) Acrolein                 | 2.011  | 56    | 54873    | 209.242  | ug/l   | 93        |
| 14) Allyl chloride           | 2.355  | 41    | 606456   | 45.576   | ug/l   | 96        |
| 15) Acrylonitrile            | 2.674  | 53    | 1178223  | 243.193  | ug/l   | 99        |
| 16) Acetone                  | 2.117  | 43    | 904116   | 201.215  | ug/l   | 97        |
| 17) Carbon Disulfide         | 2.253  | 76    | 959826   | 42.130   | ug/l   | 99        |
| 18) Methyl Acetate           | 2.378  | 43    | 556007   | 52.479   | ug/l   | 96        |
| 19) Methyl tert-butyl Ether  | 2.712  | 73    | 1182602  | 49.820   | ug/l   | 100       |
| 20) Methylene Chloride       | 2.455  | 84    | 415757   | 54.112   | ug/l   | 94        |
| 21) trans-1,2-Dichloroethene | 2.699  | 96    | 383354   | 48.340   | ug/l   | 96        |
| 22) Diisopropyl ether        | 3.217  | 45    | 1178542  | 46.291   | ug/l   | 98        |
| 23) Vinyl Acetate            | 3.188  | 43    | 5180952  | 232.628  | ug/l   | 97        |
| 24) 1,1-Dichloroethane       | 3.117  | 63    | 718406   | 46.143   | ug/l   | 98        |
| 25) 2-Butanone               | 3.867  | 43    | 1387581  | 242.327  | ug/l   | 98        |
| 26) 2,2-Dichloropropane      | 3.812  | 77    | 552601   | 40.030   | ug/l   | 98        |
| 27) cis-1,2-Dichloroethene   | 3.818  | 96    | 438015   | 50.080   | ug/l   | 94        |
| 28) Bromochloromethane       | 4.146  | 49    | 328927   | 47.856   | ug/l   | 87        |
| 29) Tetrahydrofuran          | 4.236  | 42    | 930513   | 259.623  | ug/l   | 96        |
| 30) Chloroform               | 4.278  | 83    | 754498   | 46.409   | ug/l   | 98        |
| 31) Cyclohexane              | 4.584  | 56    | 519580   | 40.739   | ug/l   | 97        |
| 32) 1,1,1-Trichloroethane    | 4.513  | 97    | 656518   | 46.645   | ug/l   | 98        |
| 36) 1,1-Dichloropropene      | 4.744  | 75    | 455596   | 51.851   | ug/l   | 98        |
| 37) Ethyl Acetate            | 3.979  | 43    | 533392   | 50.028   | ug/l   | 98        |
| 38) Carbon Tetrachloride     | 4.735  | 117   | 561360   | 52.275   | ug/l   | 99        |
| 39) Methylcyclohexane        | 6.047  | 83    | 521023   | 49.102   | ug/l   | 96        |
| 40) Benzene                  | 5.008  | 78    | 1522784  | 53.221   | ug/l   | 98        |

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 ALS Vial : 18 Sample Multiplier: 1

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 ClientSampleId :  
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Quant Time: Sep 30 01:29:15 2025  
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 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 08:08:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.159  | 41   | 251054   | 52.000   | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 5.040  | 62   | 516822   | 51.551   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 5.195  | 43   | 803487   | 55.271   | ug/l   | 98       |
| 44) Trichloroethene           | 5.831  | 130  | 417556   | 63.243   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 6.088  | 63   | 396539   | 55.758   | ug/l   | 98       |
| 46) Dibromomethane            | 6.223  | 93   | 300681   | 55.239   | ug/l   | 93       |
| 47) Bromodichloromethane      | 6.426  | 83   | 600401   | 53.355   | ug/l   | 98       |
| 48) Methyl methacrylate       | 6.294  | 41   | 389168   | 59.056   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 6.291  | 88   | 134567   | 1265.383 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 7.149  | 43   | 2899248  | 303.149  | ug/l   | 97       |
| 52) Toluene                   | 7.307  | 92   | 971887   | 58.584   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 7.574  | 75   | 559095   | 57.011   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 6.947  | 75   | 559990   | 51.725   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 7.760  | 97   | 414549   | 55.730   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 7.715  | 69   | 562462   | 63.672   | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 7.934  | 76   | 653401   | 55.659   | ug/l   | 99       |
| 59) 2-Hexanone                | 8.063  | 43   | 2190138  | 283.389  | ug/l   | 98       |
| 60) Dibromochloromethane      | 8.169  | 129  | 487809   | 57.553   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 8.272  | 107  | 446765   | 58.729   | ug/l   | 100      |
| 64) Tetrachloroethene         | 7.895  | 164  | 333065   | 55.385   | ug/l   | 98       |
| 65) Chlorobenzene             | 8.805  | 112  | 1072211  | 53.614   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 8.899  | 131  | 401399   | 55.549   | ug/l   | 99       |
| 67) Ethyl Benzene             | 8.937  | 91   | 1767918  | 58.400   | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.063  | 106  | 1454532  | 124.490  | ug/l   | 98       |
| 69) o-Xylene                  | 9.468  | 106  | 642334   | 62.089   | ug/l   | 97       |
| 70) Styrene                   | 9.484  | 104  | 1227294  | 55.861   | ug/l   | 99       |
| 71) Bromoform                 | 9.654  | 173  | 342488   | 60.678   | ug/l # | 98       |
| 73) Isopropylbenzene          | 9.857  | 105  | 1762396  | 52.393   | ug/l   | 100      |
| 74) N-amyl acetate            | 9.725  | 43   | 731113   | 54.489   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 10.165 | 83   | 685568   | 46.515   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.198 | 75   | 515358   | 48.805   | ug/l   | 99       |
| 77) Bromobenzene              | 10.140 | 156  | 449861   | 51.546   | ug/l   | 97       |
| 78) n-propylbenzene           | 10.278 | 91   | 2135598  | 52.135   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 10.349 | 91   | 1296224  | 52.883   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 10.464 | 105  | 1521131  | 54.405   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 9.927  | 75   | 224319   | 50.999   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 10.461 | 91   | 1550297  | 54.545   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 10.789 | 119  | 1432871  | 51.394   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 10.837 | 105  | 1522222  | 56.079   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.011 | 105  | 1837748  | 49.697   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.165 | 119  | 1565969  | 50.879   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.104 | 146  | 906378   | 51.316   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.198 | 146  | 954552   | 49.260   | ug/l   | 99       |
| 89) n-Butylbenzene            | 11.580 | 91   | 1461115  | 49.707   | ug/l   | 99       |
| 90) Hexachloroethane          | 11.821 | 117  | 325035   | 42.885   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 11.567 | 146  | 839410   | 50.867   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.349 | 75   | 142548   | 53.576   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 13.185 | 180  | 499193   | 52.772   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.368 | 225  | 200469   | 40.785   | ug/l   | 100      |
| 95) Naphthalene               | 13.422 | 128  | 1820572  | 59.545   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.667 | 180  | 516977   | 53.435   | ug/l   | 100      |

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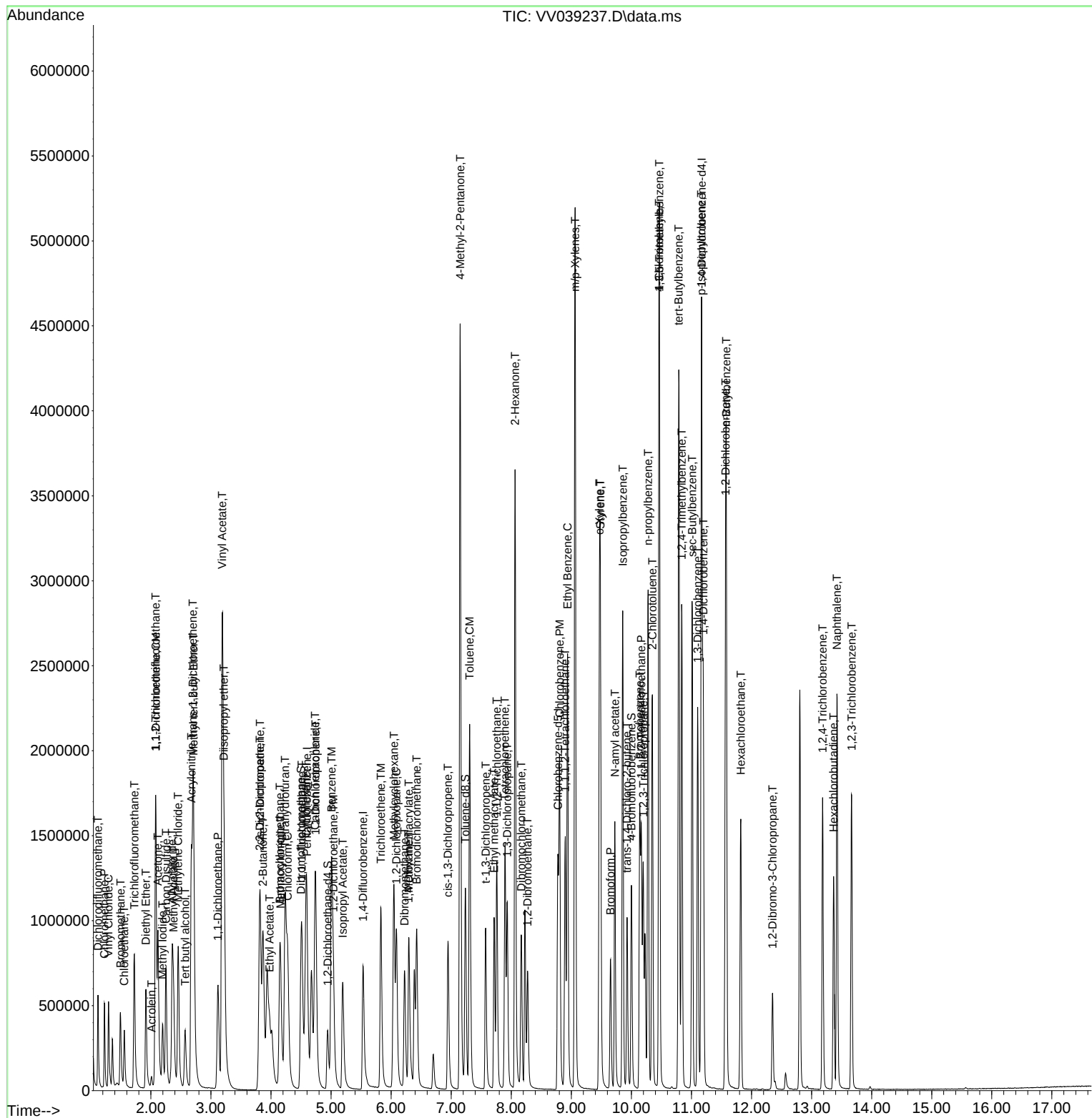
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V092225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 08:08:08 2025  
Response via : Initial Calibration

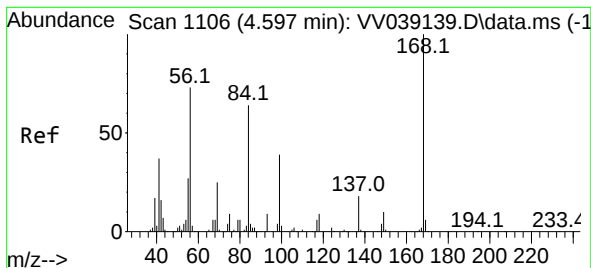
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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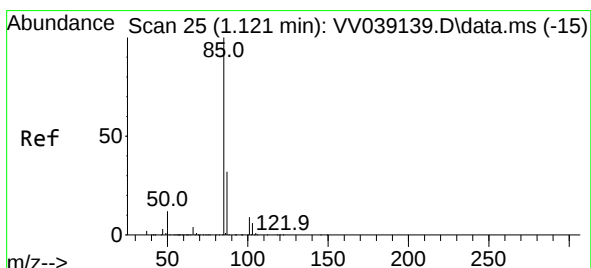
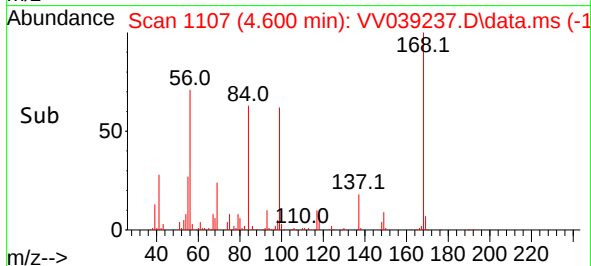
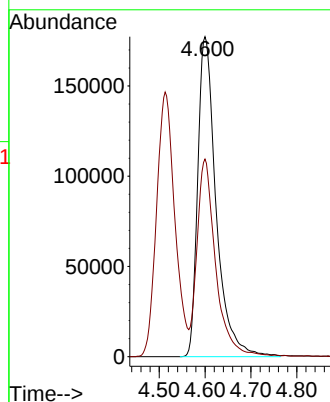
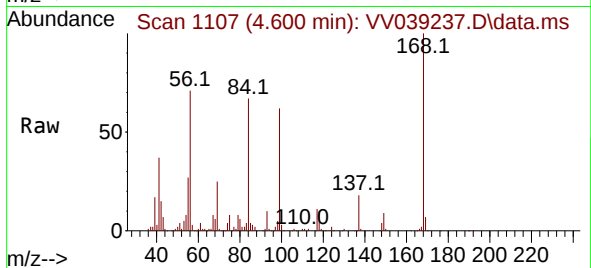




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 4.600 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

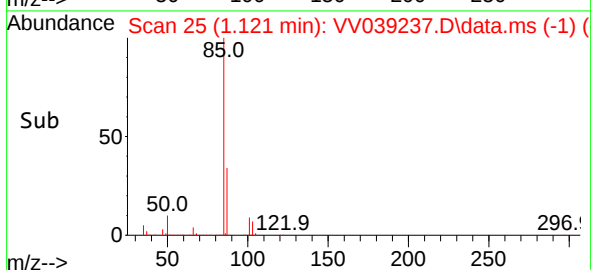
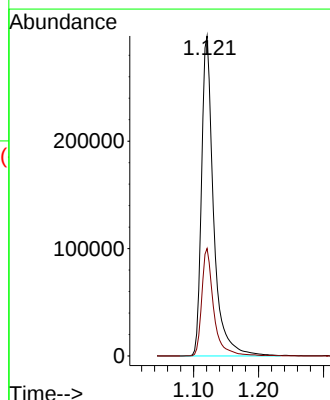
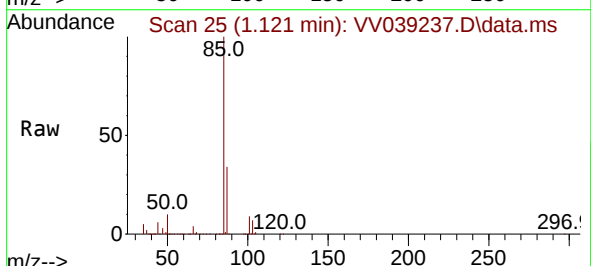
Instrument :  
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ClientSampleId :  
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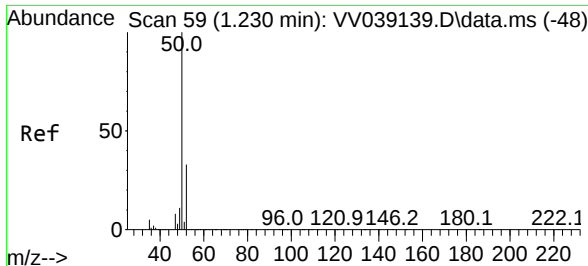
Tgt Ion:168 Resp: 494074  
Ion Ratio Lower Upper  
168 100  
99 61.4 49.6 74.4



#2  
Dichlorodifluoromethane  
Concen: 49.405 ug/l  
RT: 1.121 min Scan# 25  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 85 Resp: 386406  
Ion Ratio Lower Upper  
85 100  
87 33.6 16.0 47.9

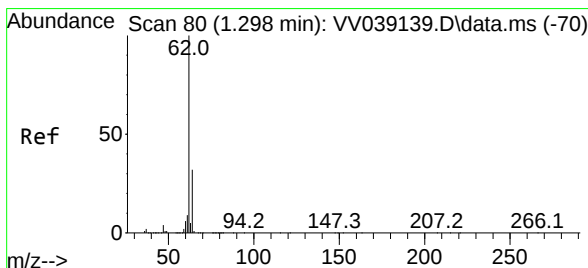
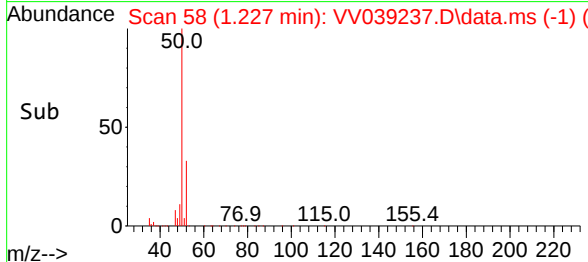
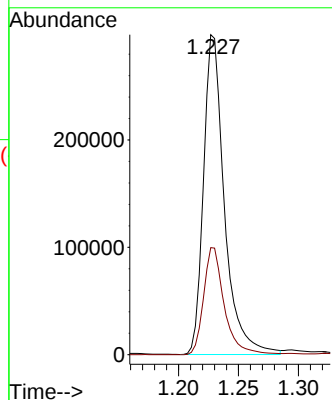
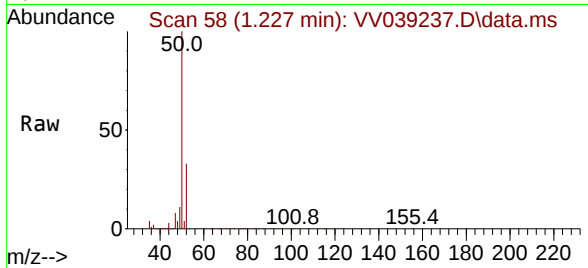




#3  
Chloromethane  
Concen: 43.126 ug/l  
RT: 1.227 min Scan# 50  
Delta R.T. -0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

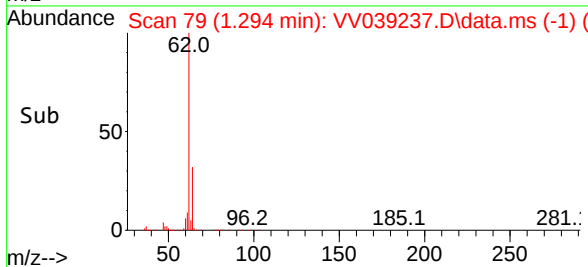
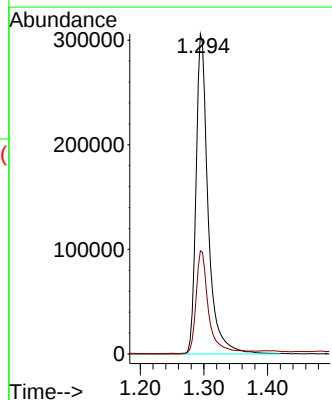
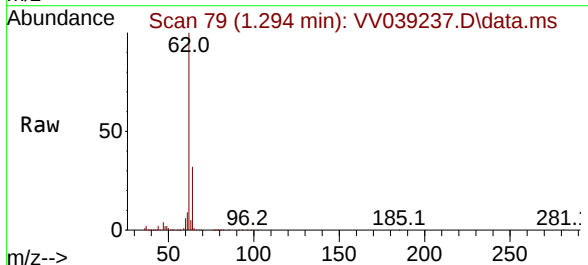
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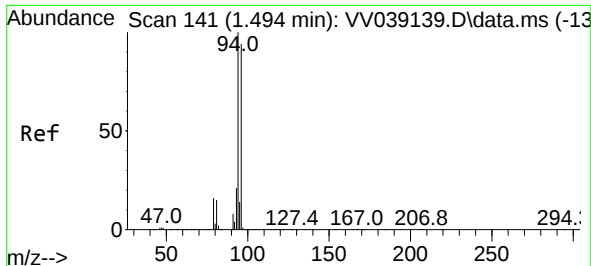
Tgt Ion: 50 Resp: 362092  
Ion Ratio Lower Upper  
50 100  
52 33.5 26.0 39.0



#4  
Vinyl Chloride  
Concen: 44.993 ug/l  
RT: 1.294 min Scan# 79  
Delta R.T. -0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 62 Resp: 404425  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.6 38.4

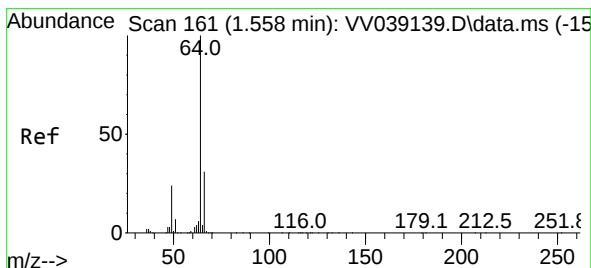
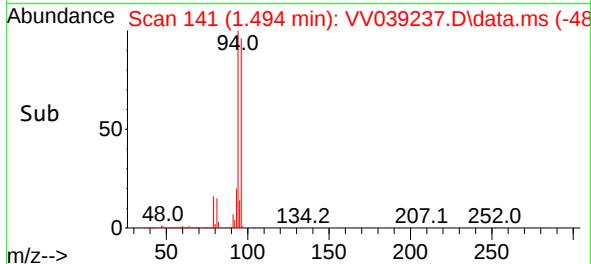
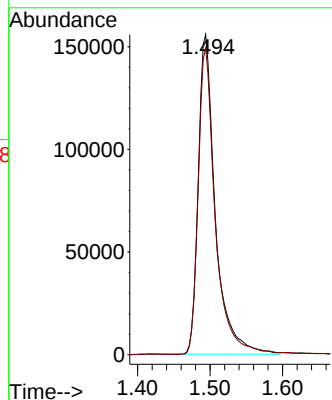
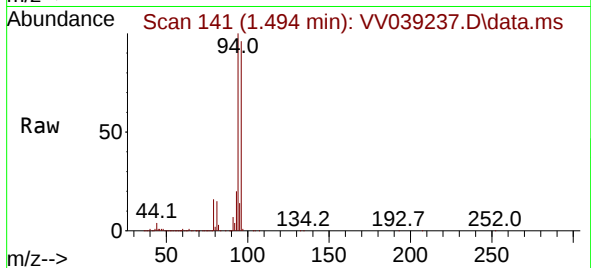




#5  
Bromomethane  
Concen: 44.915 ug/l  
RT: 1.494 min Scan# 141  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

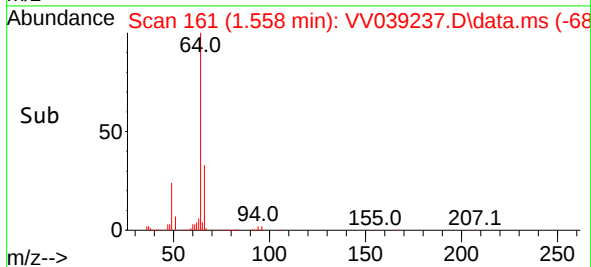
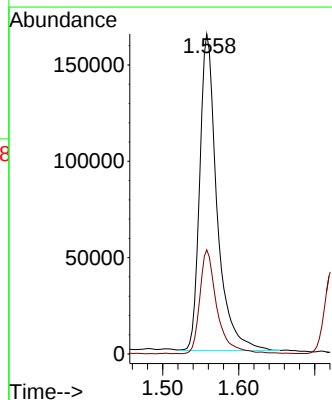
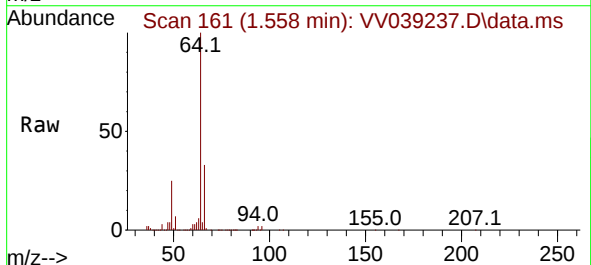
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

Tgt Ion: 94 Resp: 254510  
Ion Ratio Lower Upper  
94 100  
96 95.8 74.9 112.3



#6  
Chloroethane  
Concen: 48.990 ug/l  
RT: 1.558 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 64 Resp: 259641  
Ion Ratio Lower Upper  
64 100  
66 32.8 24.6 36.8

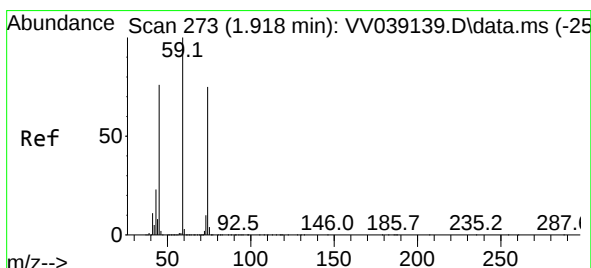
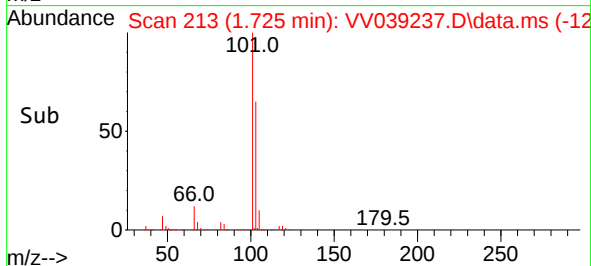
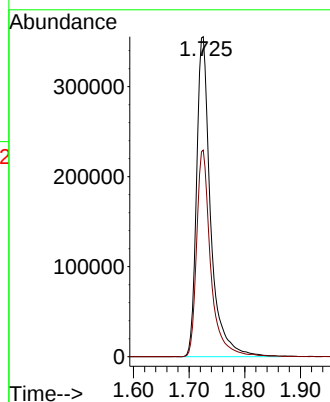
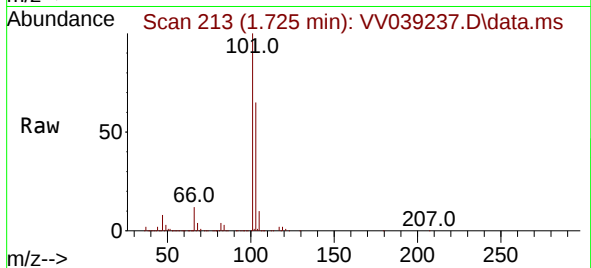




#7  
 Trichlorofluoromethane  
 Concen: 47.886 ug/l  
 RT: 1.725 min Scan# 213  
 Delta R.T. -0.000 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

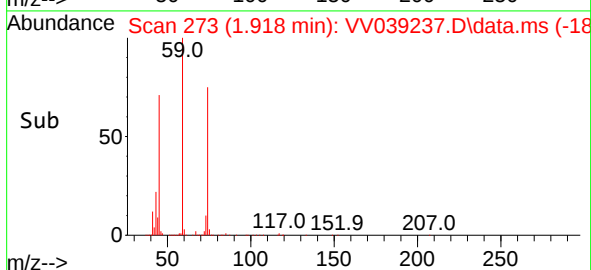
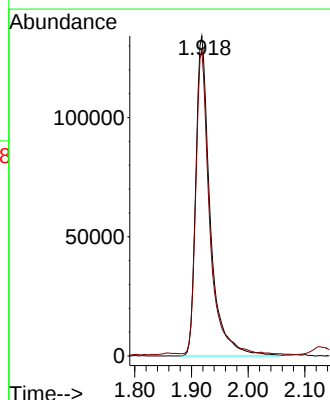
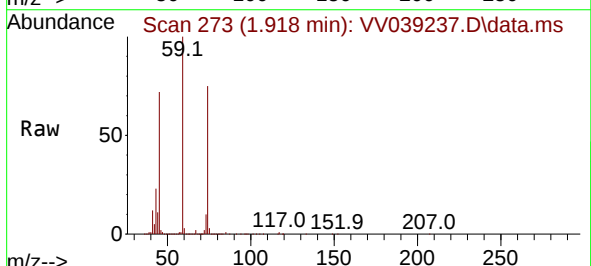
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-33D-091725MS

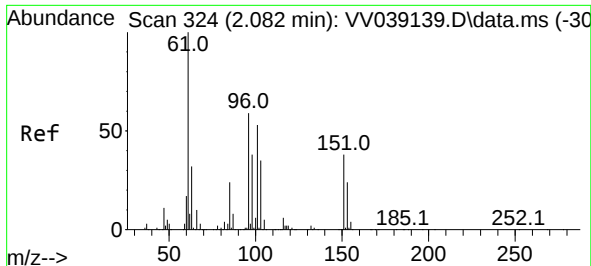
Tgt Ion:101 Resp: 623183  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 52.0 78.0



#8  
 Diethyl Ether  
 Concen: 48.918 ug/l  
 RT: 1.918 min Scan# 273  
 Delta R.T. 0.000 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

Tgt Ion: 74 Resp: 236336  
 Ion Ratio Lower Upper  
 74 100  
 45 90.6 49.6 148.8

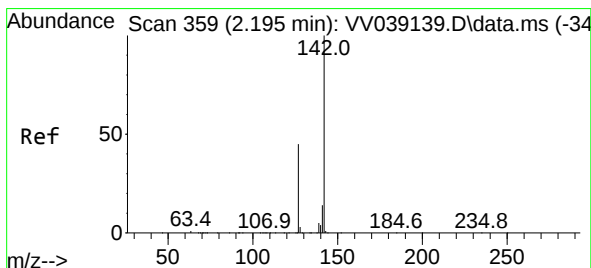
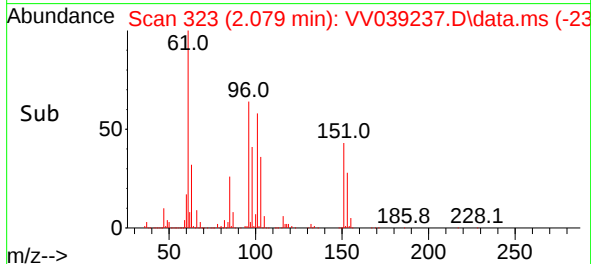
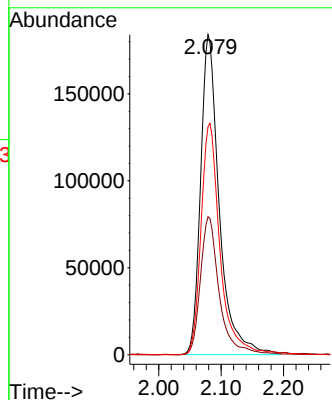
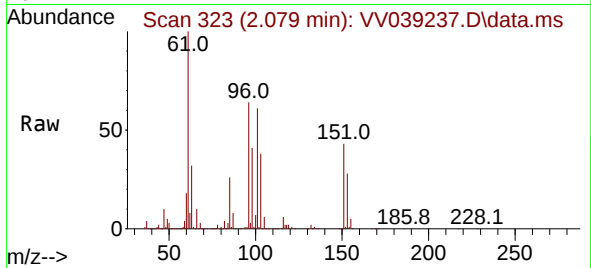




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.543 ug/l  
RT: 2.079 min Scan# 311  
Delta R.T. -0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

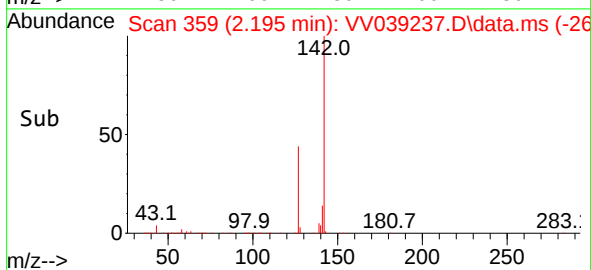
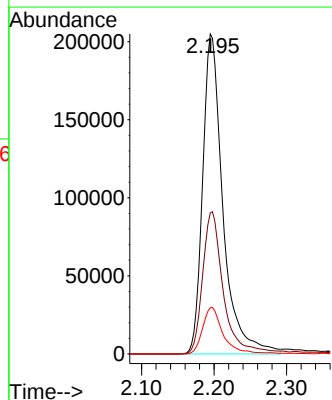
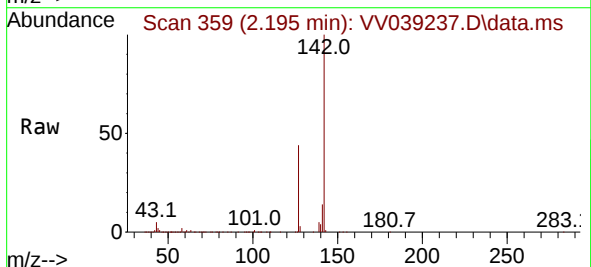
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

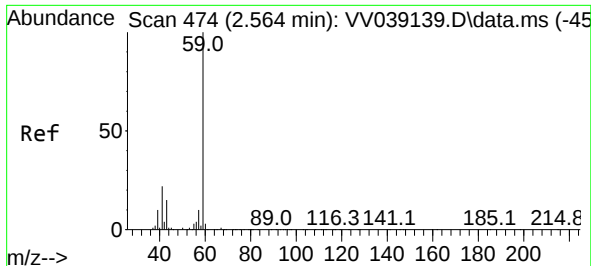
Tgt Ion:101 Resp: 383628  
Ion Ratio Lower Upper  
101 100  
85 43.6 36.2 54.2  
151 73.1 56.3 84.5



#10  
Methyl Iodide  
Concen: 54.016 ug/l  
RT: 2.195 min Scan# 359  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion:142 Resp: 398316  
Ion Ratio Lower Upper  
142 100  
127 45.7 36.3 54.5  
141 14.6 11.2 16.8

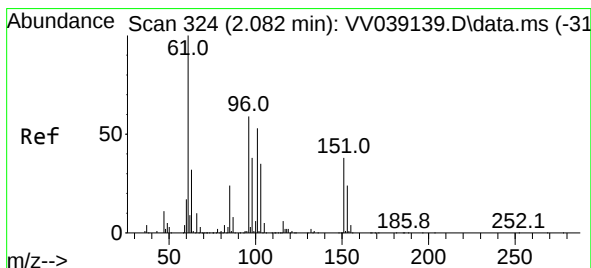
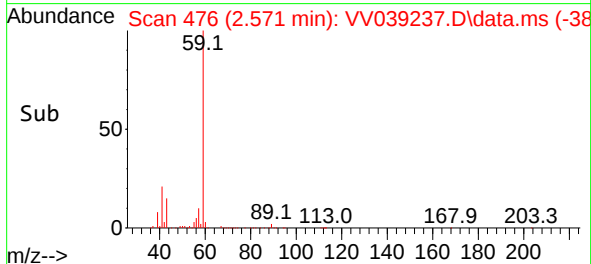
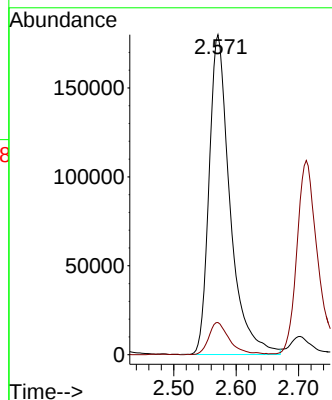
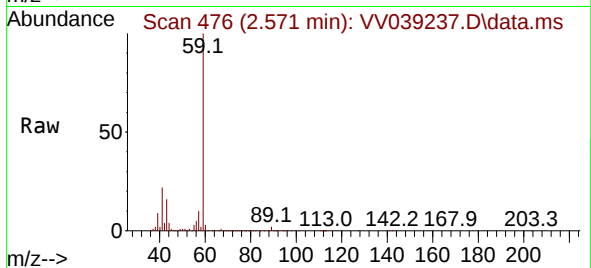




#11  
Tert butyl alcohol  
Concen: 277.559 ug/l  
RT: 2.571 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

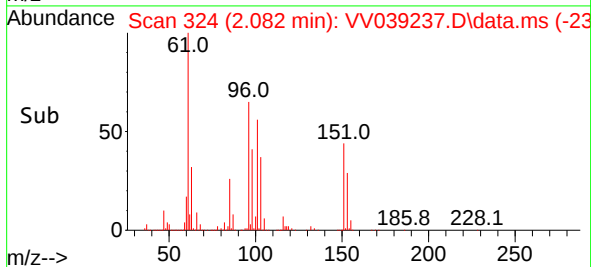
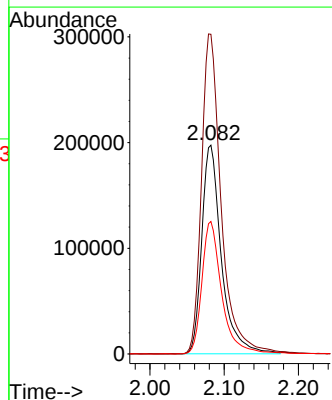
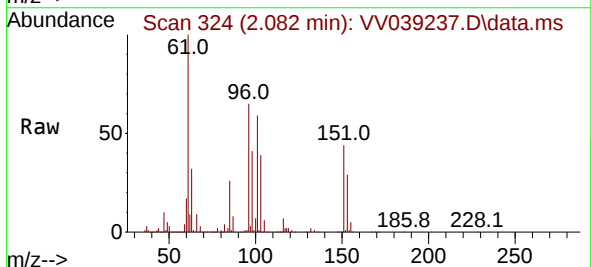
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

Tgt Ion: 59 Resp: 419483  
Ion Ratio Lower Upper  
59 100  
57 9.6 7.8 11.8



#12  
1,1-Dichloroethene  
Concen: 48.695 ug/l  
RT: 2.082 min Scan# 324  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 96 Resp: 362747  
Ion Ratio Lower Upper  
96 100  
61 153.2 136.0 204.0  
98 63.4 51.0 76.6

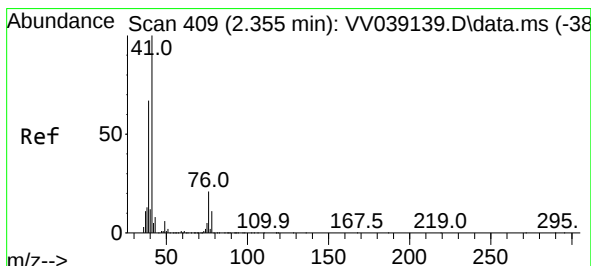
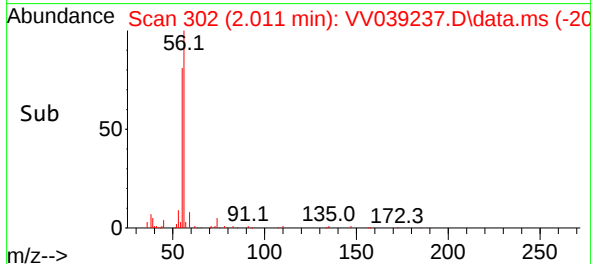
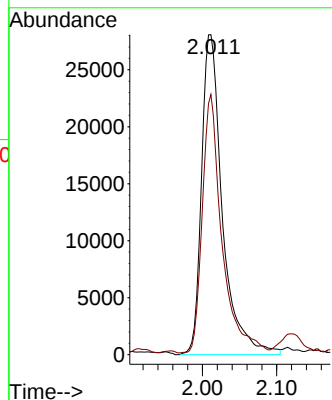
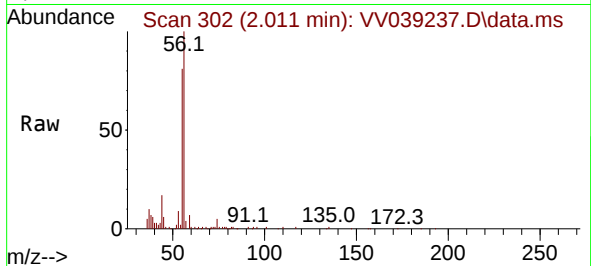




#13  
Acrolein  
Concen: 209.242 ug/l  
RT: 2.011 min Scan# 301  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

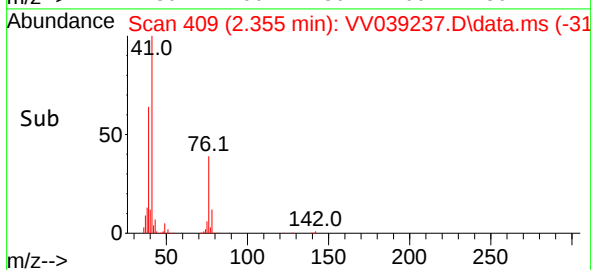
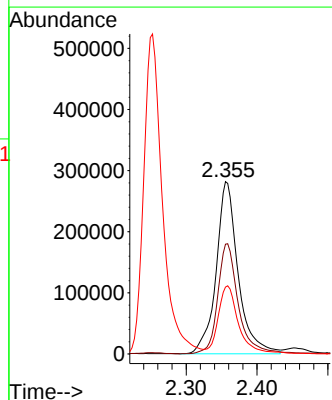
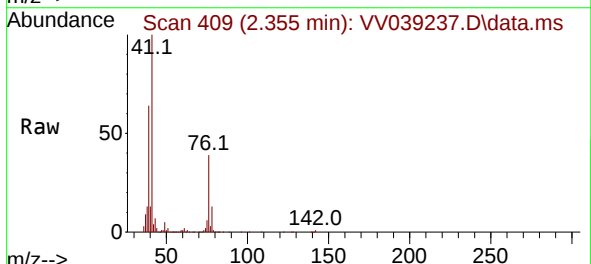
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

Tgt Ion: 56 Resp: 54873  
Ion Ratio Lower Upper  
56 100  
55 75.7 56.2 84.4



#14  
Allyl chloride  
Concen: 45.576 ug/l  
RT: 2.355 min Scan# 409  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

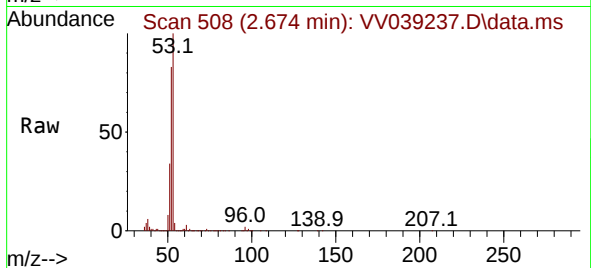
Tgt Ion: 41 Resp: 606456  
Ion Ratio Lower Upper  
41 100  
39 60.4 51.0 76.6  
76 36.9 28.2 42.4





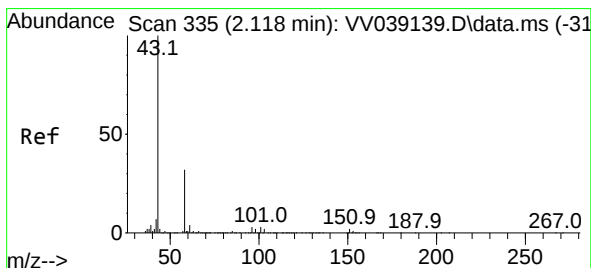
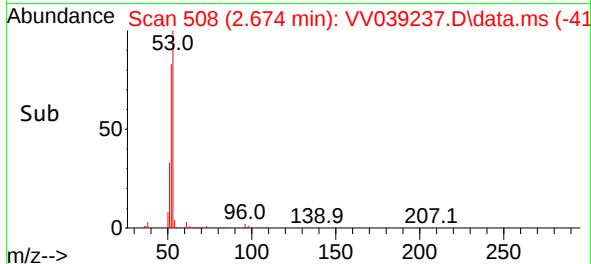
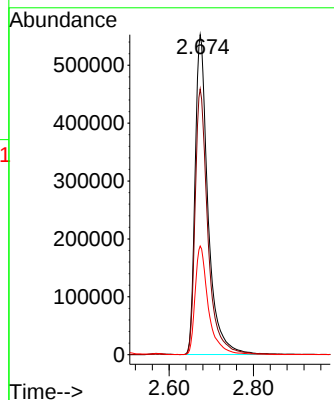
#15  
Acrylonitrile  
Concen: 243.193 ug/l  
RT: 2.674 min Scan# 507  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS



Tgt Ion: 53 Resp: 1178223

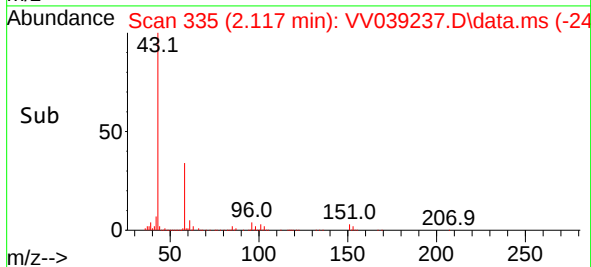
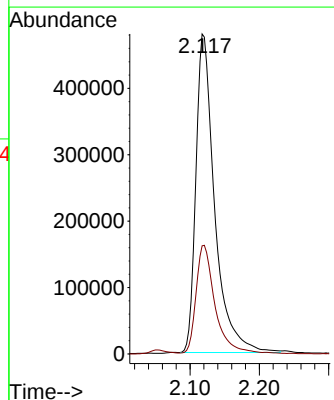
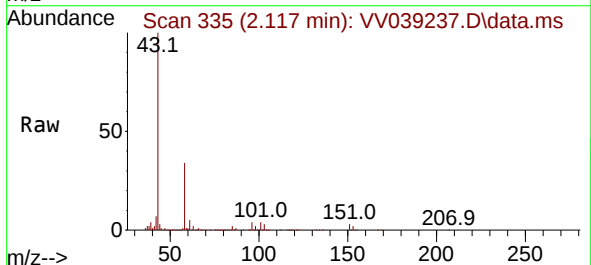
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.2  | 66.1  | 99.1  |
| 51  | 34.6  | 28.5  | 42.7  |

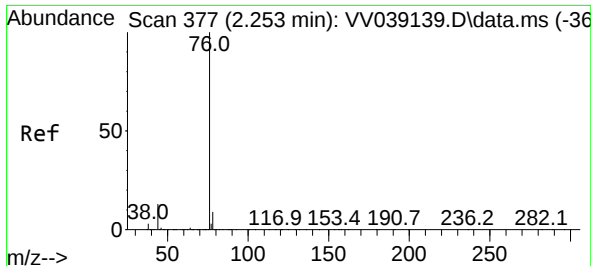


#16  
Acetone  
Concen: 201.215 ug/l  
RT: 2.117 min Scan# 335  
Delta R.T. -0.001 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 43 Resp: 904116

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 33.7  | 25.8  | 38.6  |

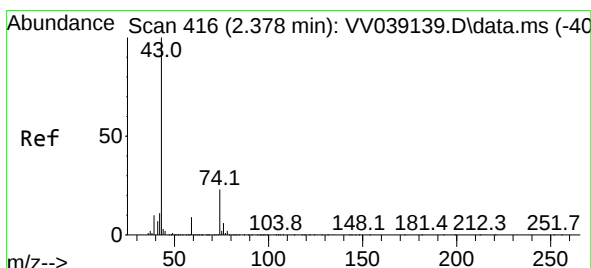
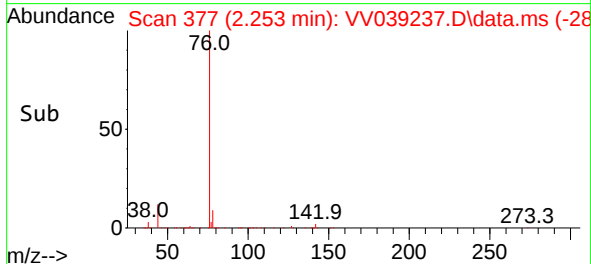
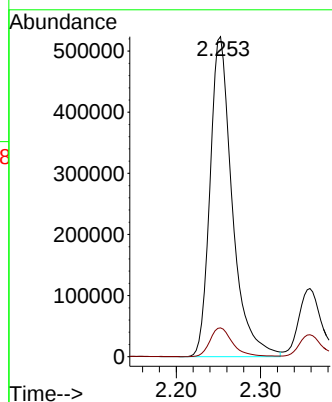
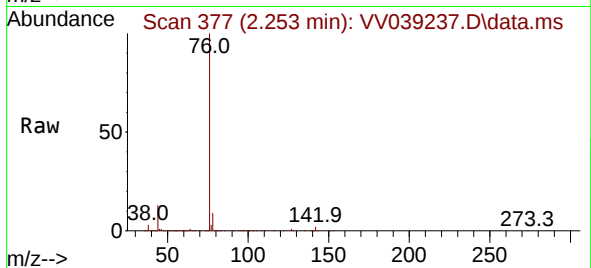




#17  
Carbon Disulfide  
Concen: 42.130 ug/l  
RT: 2.253 min Scan# 317  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

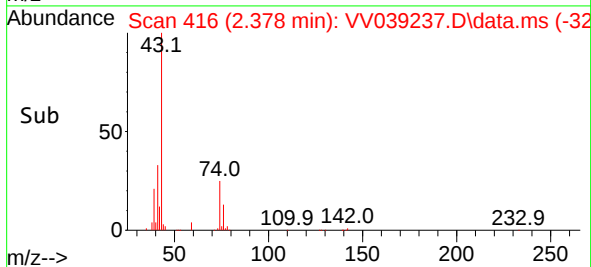
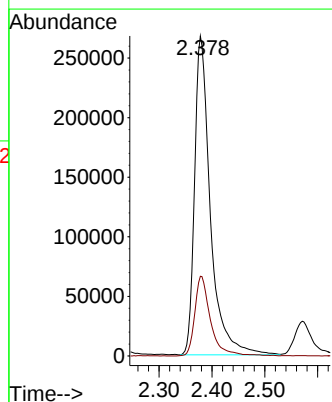
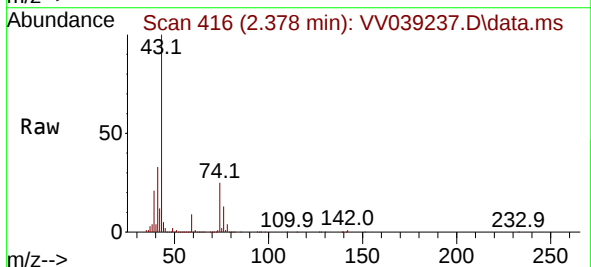
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

Tgt Ion: 76 Resp: 959826  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0



#18  
Methyl Acetate  
Concen: 52.479 ug/l  
RT: 2.378 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 43 Resp: 556007  
Ion Ratio Lower Upper  
43 100  
74 25.1 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 49.820 ug/l

RT: 2.712 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

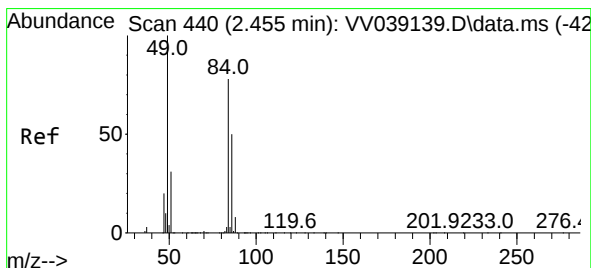
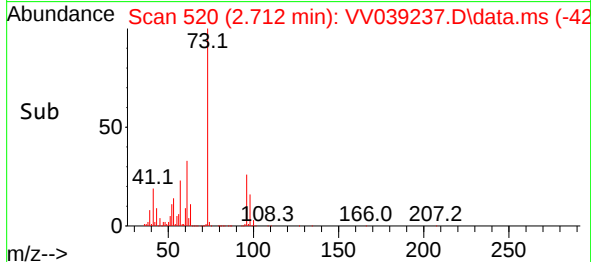
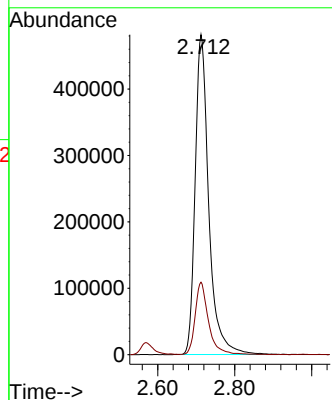
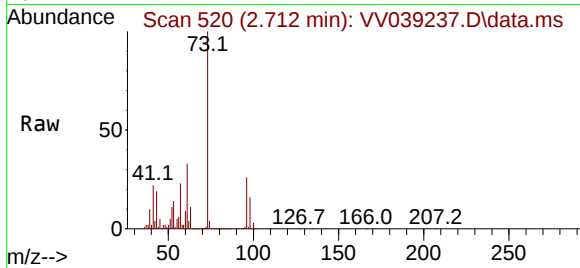
MW-33D-091725MS

Tgt Ion: 73 Resp: 1182602

Ion Ratio Lower Upper

73 100

57 22.6 18.2 27.4



#20

Methylene Chloride

Concen: 54.112 ug/l

RT: 2.455 min Scan# 440

Delta R.T. 0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Tgt Ion: 84 Resp: 415757

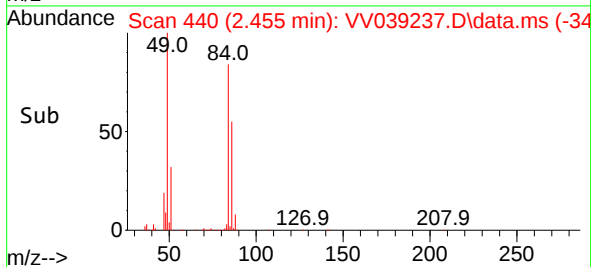
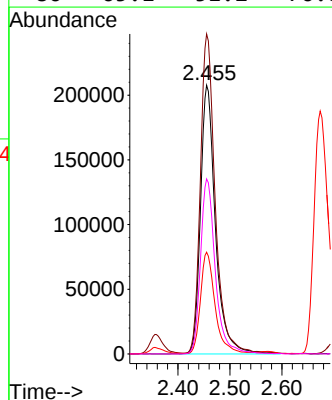
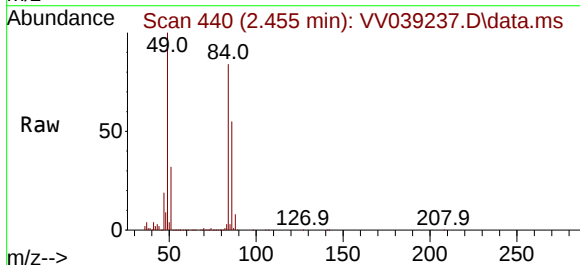
Ion Ratio Lower Upper

84 100

49 118.7 102.8 154.2

51 37.6 31.9 47.9

86 65.1 51.2 76.8

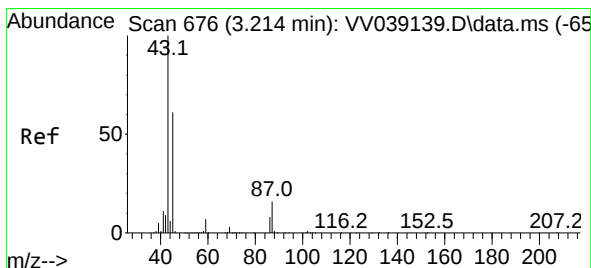
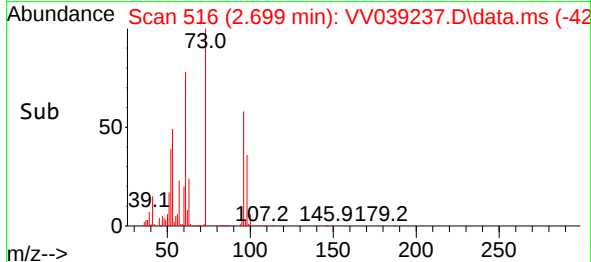
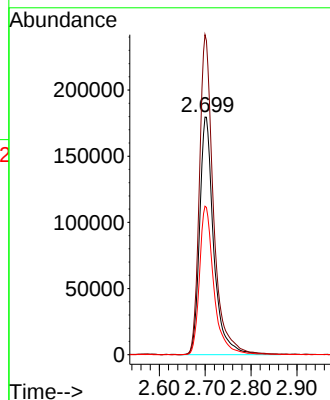
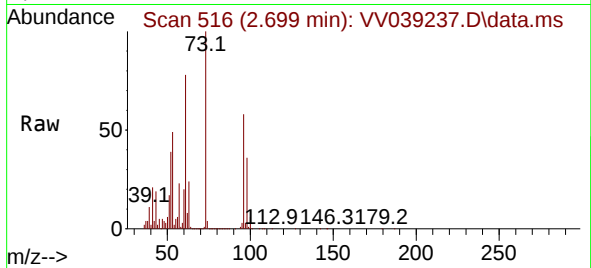




#21  
trans-1,2-Dichloroethene  
Concen: 48.340 ug/l  
RT: 2.699 min Scan# 516  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

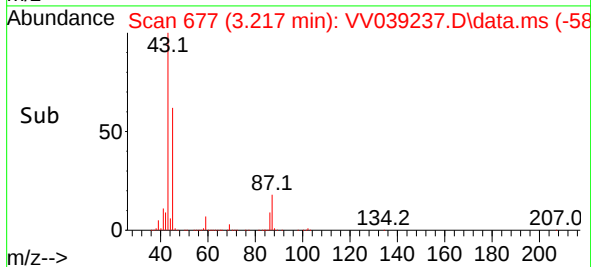
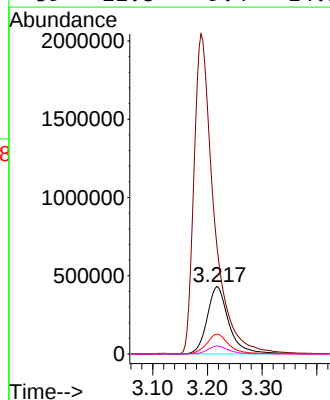
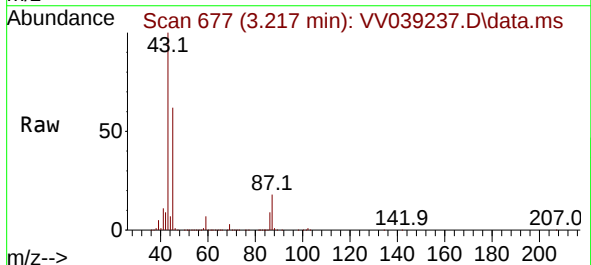
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

Tgt Ion: 96 Resp: 383354  
Ion Ratio Lower Upper  
96 100  
61 134.7 112.8 169.2  
98 62.5 51.1 76.7



#22  
Diisopropyl ether  
Concen: 46.291 ug/l  
RT: 3.217 min Scan# 677  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 45 Resp: 1178542  
Ion Ratio Lower Upper  
45 100  
43 161.0 130.9 196.3  
87 29.4 21.1 31.7  
59 11.8 9.4 14.2

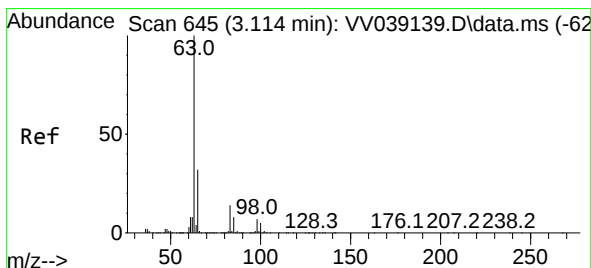
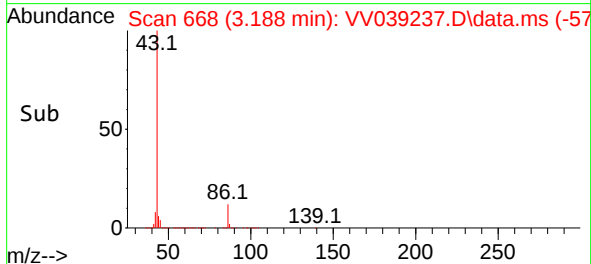
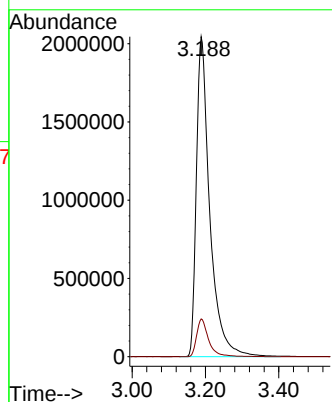
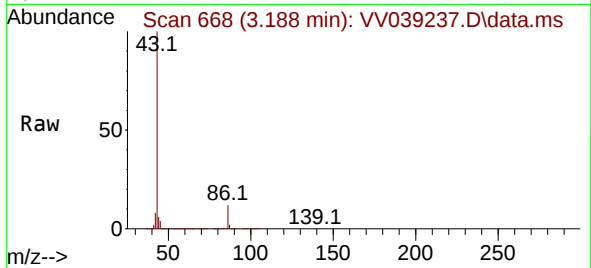




#23  
 Vinyl Acetate  
 Concen: 232.628 ug/l  
 RT: 3.188 min Scan# 60  
 Delta R.T. 0.003 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

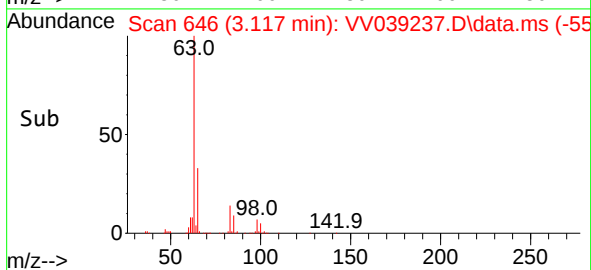
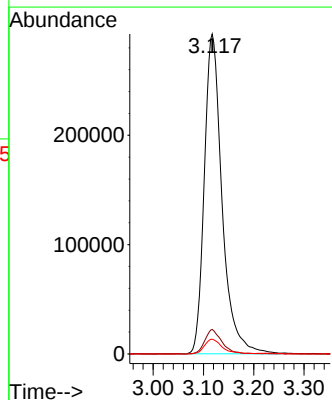
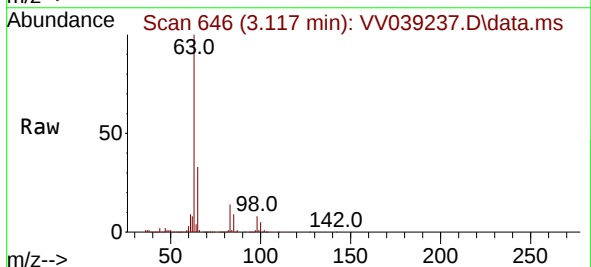
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-33D-091725MS

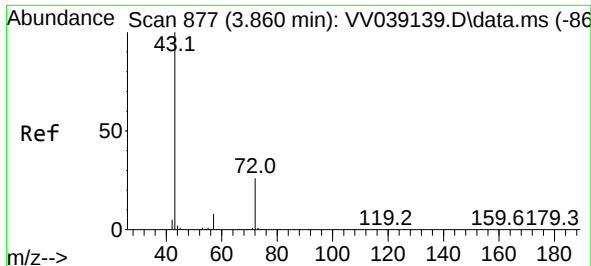
Tgt Ion: 43 Resp: 5180952  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 8.4 12.6



#24  
 1,1-Dichloroethane  
 Concen: 46.143 ug/l  
 RT: 3.117 min Scan# 646  
 Delta R.T. 0.003 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

Tgt Ion: 63 Resp: 718406  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.4 10.2  
 100 4.6 2.2 6.6

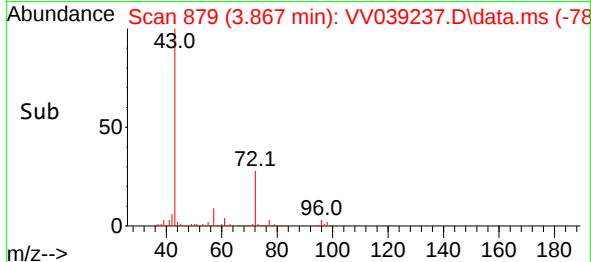
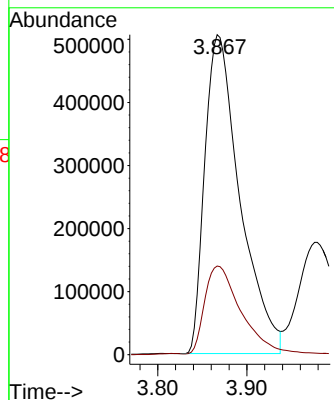
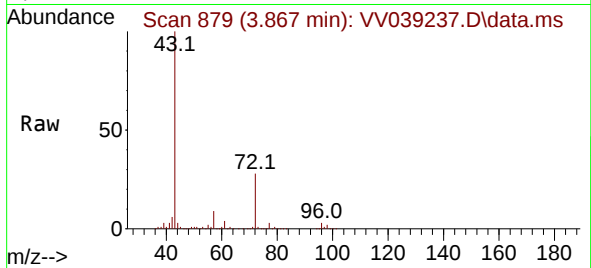




#25  
2-Butanone  
Concen: 242.327 ug/l  
RT: 3.867 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

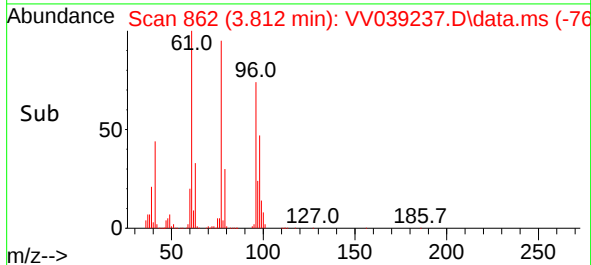
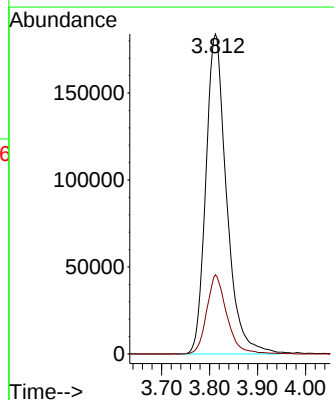
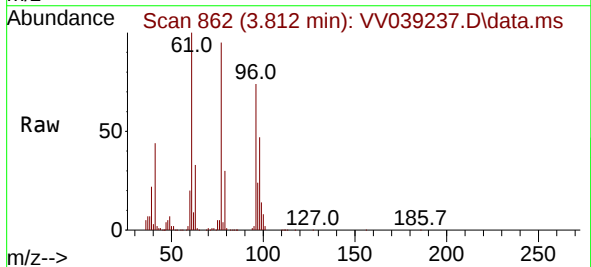
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

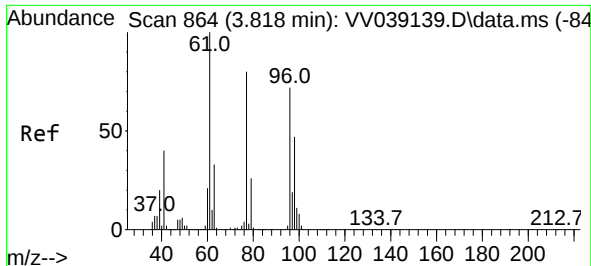
Tgt Ion: 43 Resp: 1387581  
Ion Ratio Lower Upper  
43 100  
72 27.5 21.0 31.6



#26  
2,2-Dichloropropane  
Concen: 40.030 ug/l  
RT: 3.812 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 77 Resp: 552601  
Ion Ratio Lower Upper  
77 100  
97 24.0 11.6 34.7



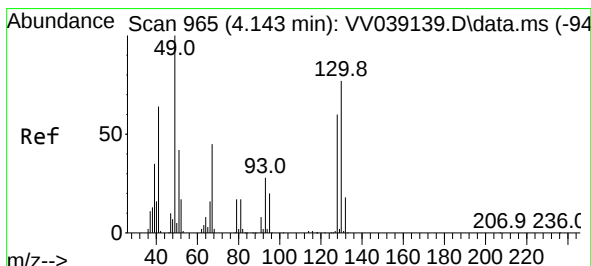
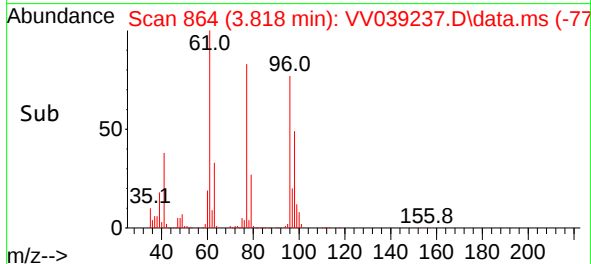
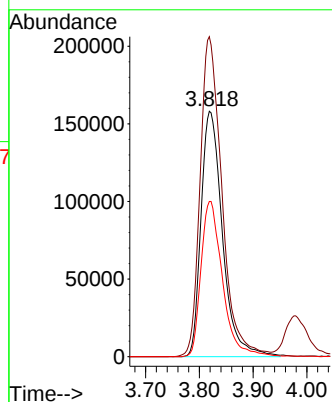
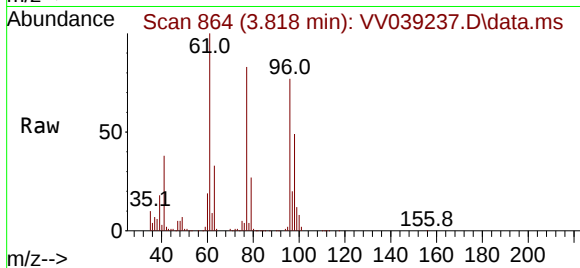


#27  
 cis-1,2-Dichloroethene  
 Concen: 50.080 ug/l  
 RT: 3.818 min Scan# 864  
 Delta R.T. -0.000 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-33D-091725MS

Tgt Ion: 96 Resp: 438015  

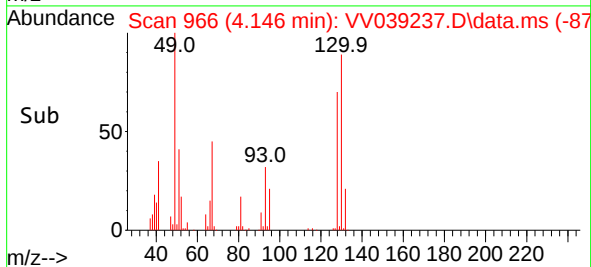
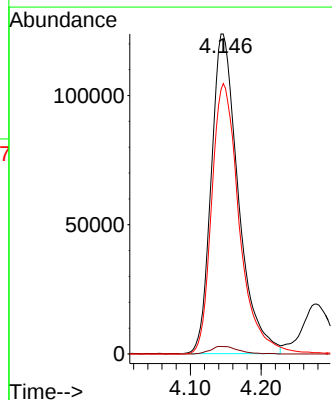
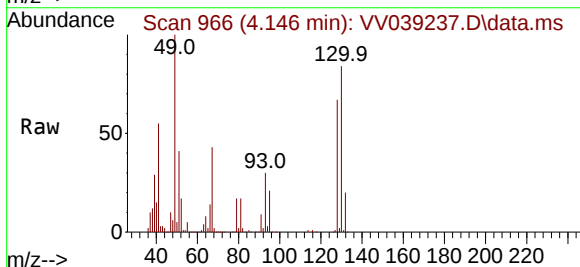
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 132.8 | 0.0   | 286.4 |
| 98  | 63.4  | 0.0   | 126.6 |

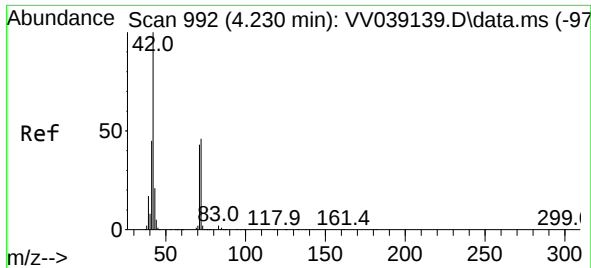


#28  
 Bromochloromethane  
 Concen: 47.856 ug/l  
 RT: 4.146 min Scan# 966  
 Delta R.T. 0.003 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

Tgt Ion: 49 Resp: 328927  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.4   | 0.0   | 4.2   |
| 130 | 86.3  | 60.2  | 90.2  |

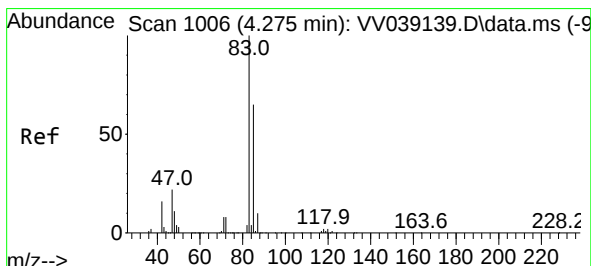
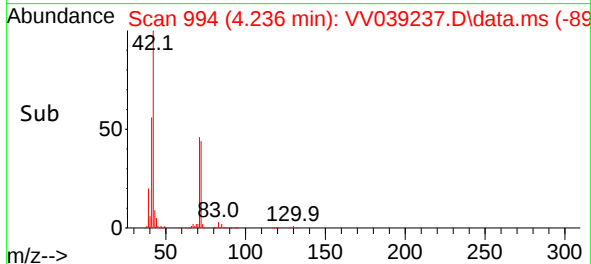
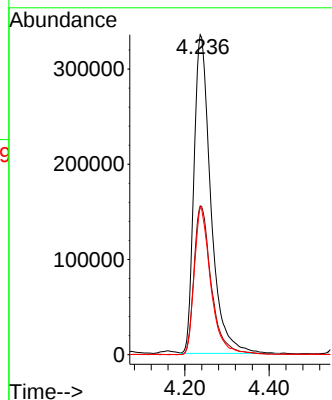
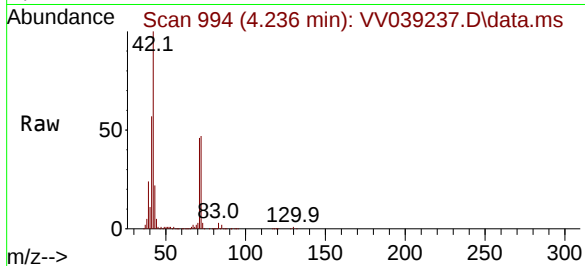




#29  
Tetrahydrofuran  
Concen: 259.623 ug/l  
RT: 4.236 min Scan# 994  
Delta R.T. 0.006 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

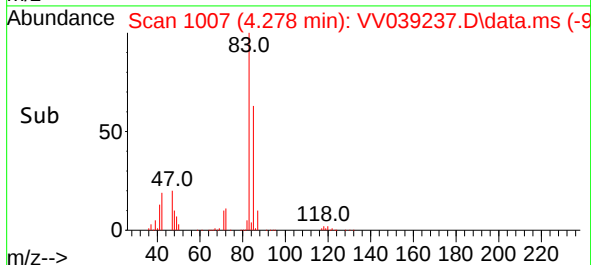
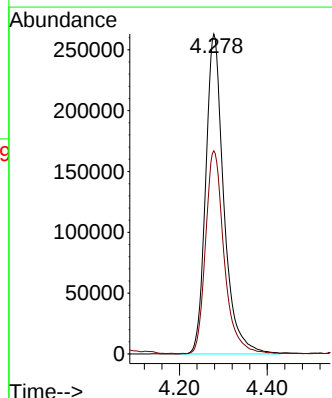
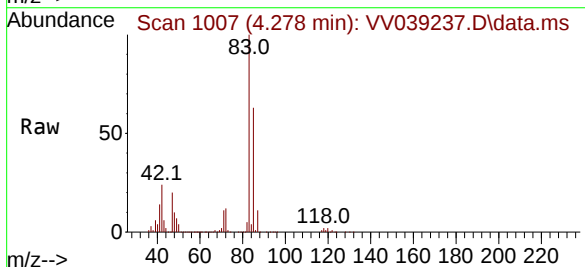
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

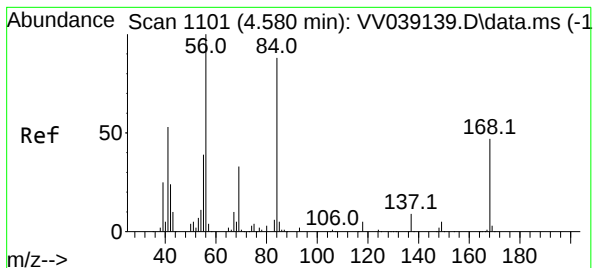
Tgt Ion: 42 Resp: 930513  
Ion Ratio Lower Upper  
42 100  
72 47.7 36.3 54.5  
71 45.4 34.3 51.5



#30  
Chloroform  
Concen: 46.409 ug/l  
RT: 4.278 min Scan# 1007  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 83 Resp: 754498  
Ion Ratio Lower Upper  
83 100  
85 63.3 52.1 78.1





#31

Cyclohexane

Concen: 40.739 ug/l

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

MW-33D-091725MS

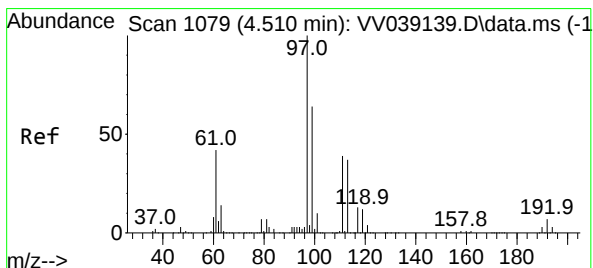
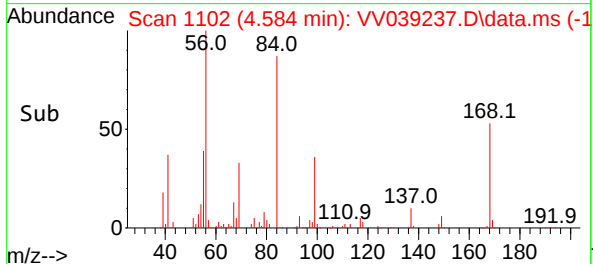
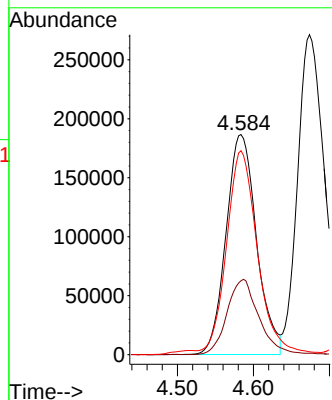
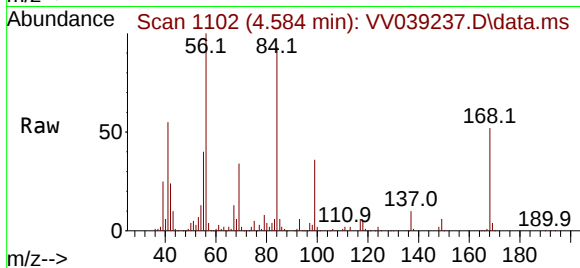
Tgt Ion: 56 Resp: 519580

Ion Ratio Lower Upper

56 100

69 33.5 26.2 39.2

84 91.2 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 46.645 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

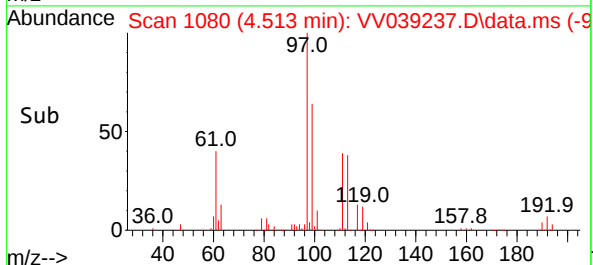
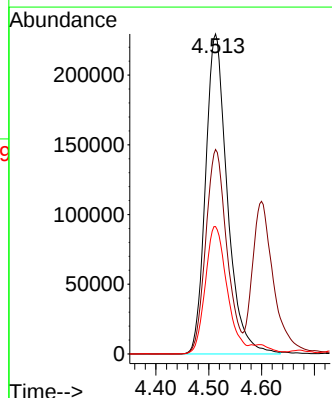
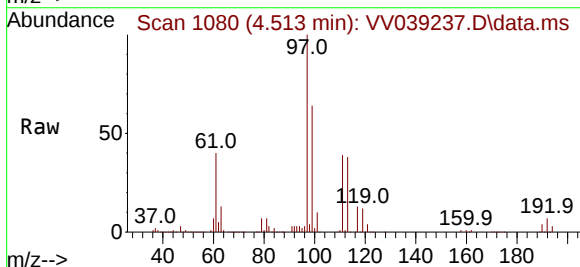
Tgt Ion: 97 Resp: 656518

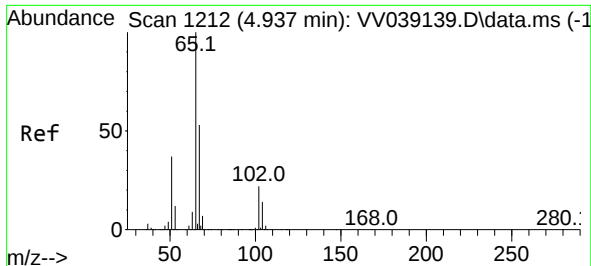
Ion Ratio Lower Upper

97 100

99 62.0 49.6 74.4

61 39.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 41.681 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

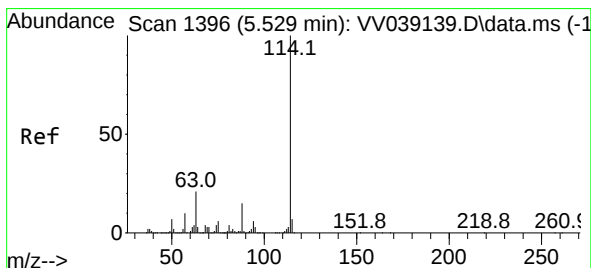
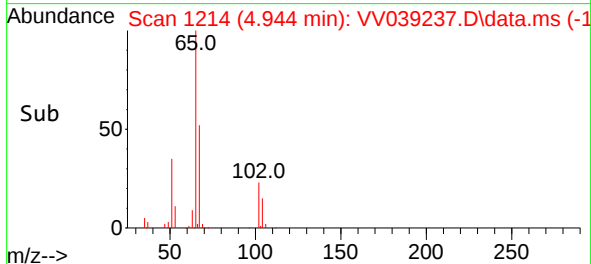
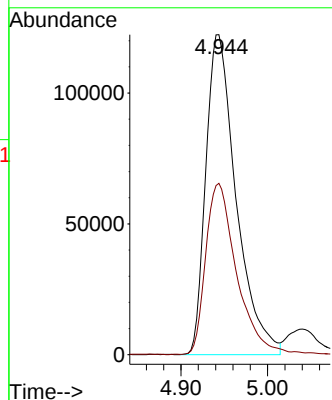
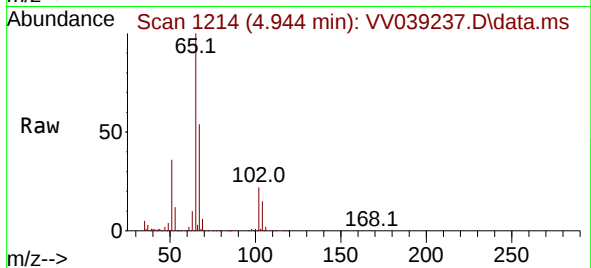
MW-33D-091725MS

Tgt Ion: 65 Resp: 298046

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

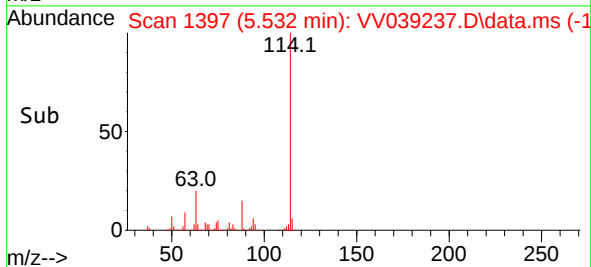
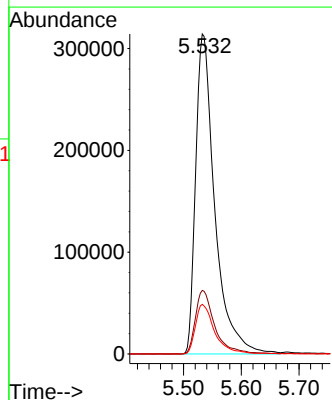
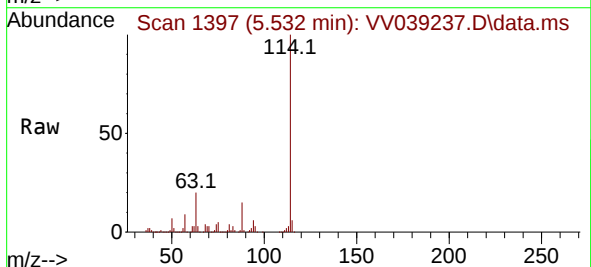
Tgt Ion: 114 Resp: 722914

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 15.5 0.0 30.8

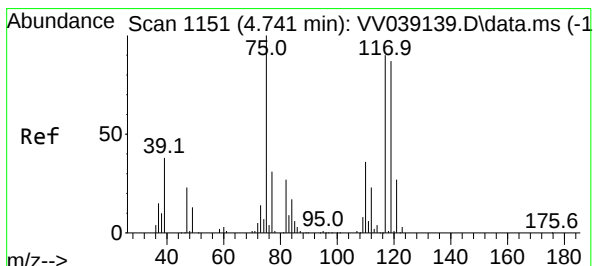
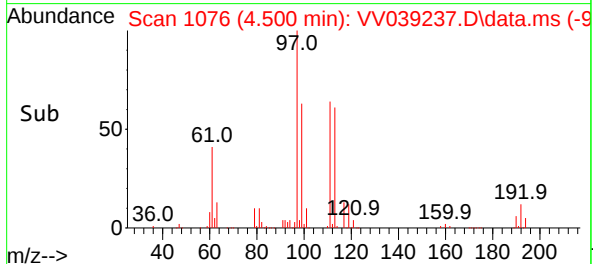
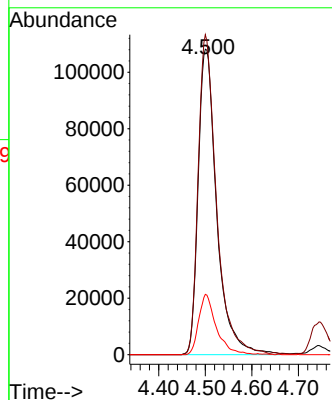
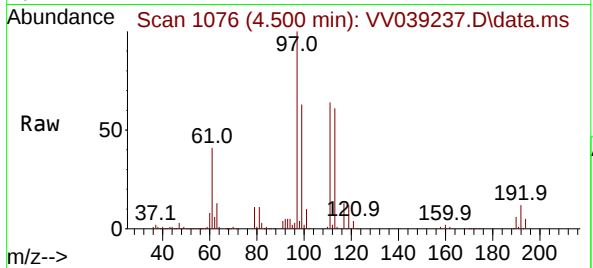




#35  
Dibromofluoromethane  
Concen: 51.701 ug/l  
RT: 4.500 min Scan# 1105  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

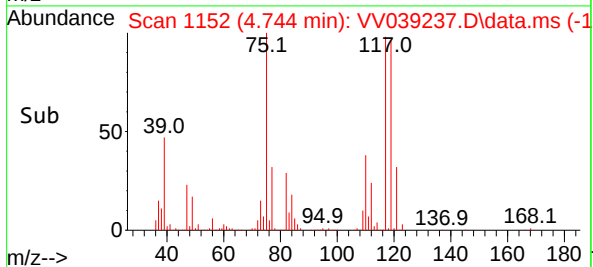
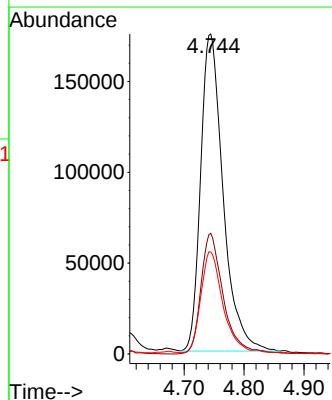
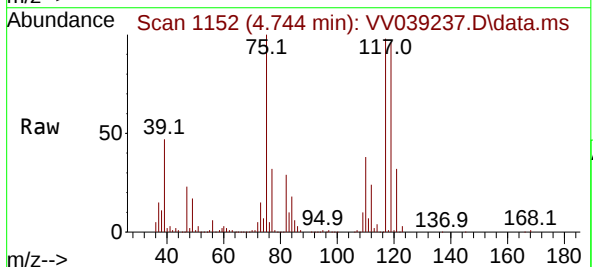
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

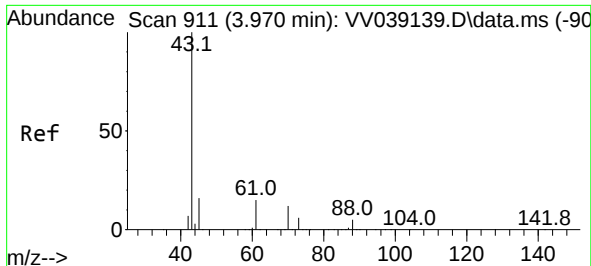
Tgt Ion:113 Resp: 300465  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.4 123.6  
192 18.7 13.8 20.8



#36  
1,1-Dichloropropene  
Concen: 51.851 ug/l  
RT: 4.744 min Scan# 1152  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 75 Resp: 455596  
Ion Ratio Lower Upper  
75 100  
110 38.0 18.1 54.1  
77 30.7 24.8 37.2

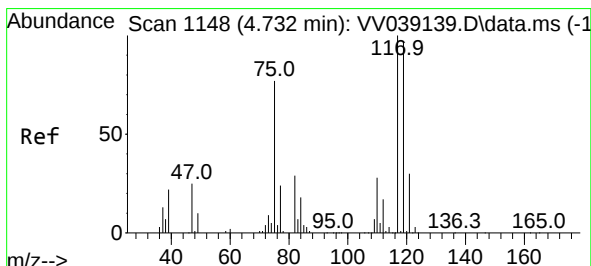
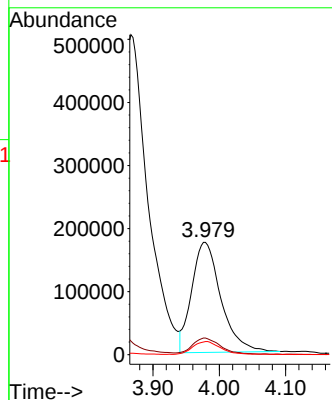
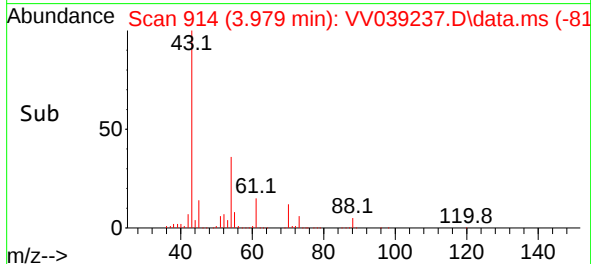
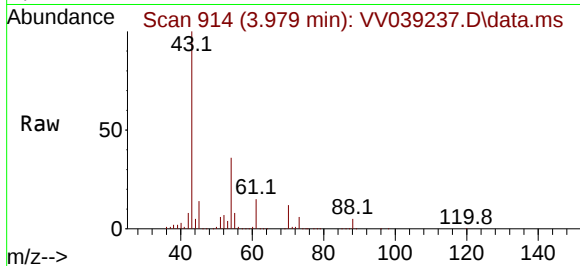




#37  
Ethyl Acetate  
Concen: 50.028 ug/l  
RT: 3.979 min Scan# 911  
Delta R.T. 0.009 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

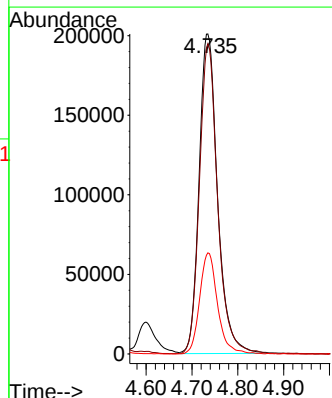
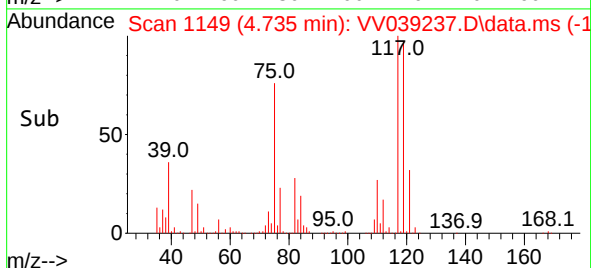
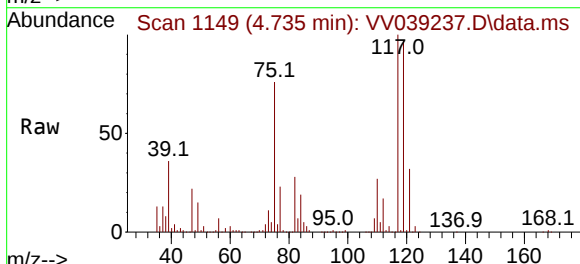
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

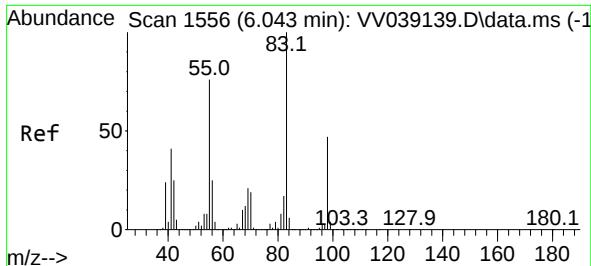
Tgt Ion: 43 Resp: 533392  
Ion Ratio Lower Upper  
43 100  
61 13.9 10.3 15.5  
70 10.9 8.0 12.0



#38  
Carbon Tetrachloride  
Concen: 52.275 ug/l  
RT: 4.735 min Scan# 1149  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 117 Resp: 561360  
Ion Ratio Lower Upper  
117 100  
119 96.9 77.2 115.8  
121 31.7 24.2 36.2





#39

Methylcyclohexane

Concen: 49.102 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

MW-33D-091725MS

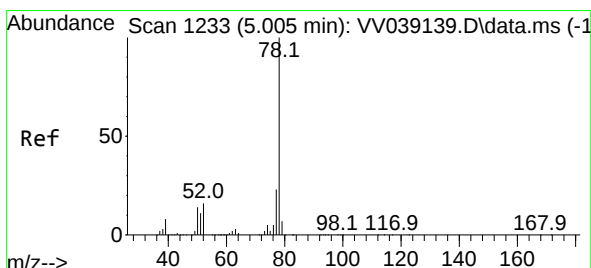
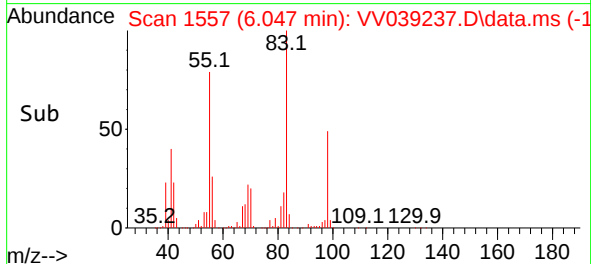
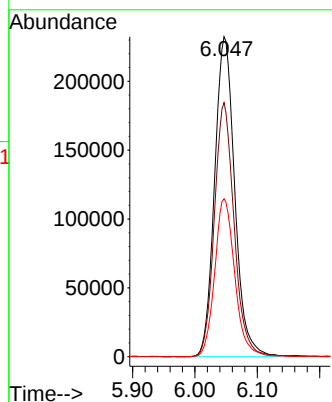
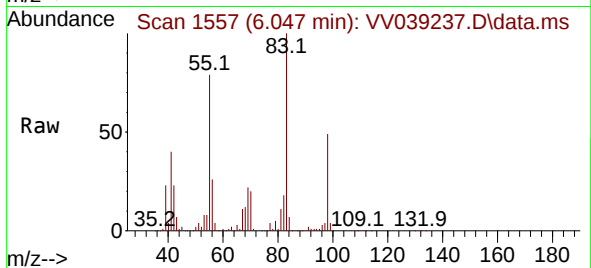
Tgt Ion: 83 Resp: 521023

Ion Ratio Lower Upper

83 100

55 79.4 60.5 90.7

98 49.3 37.8 56.6



#40

Benzene

Concen: 53.221 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039237.D

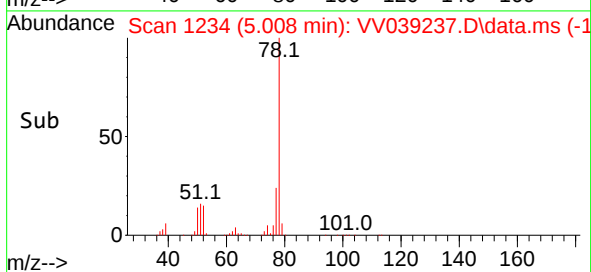
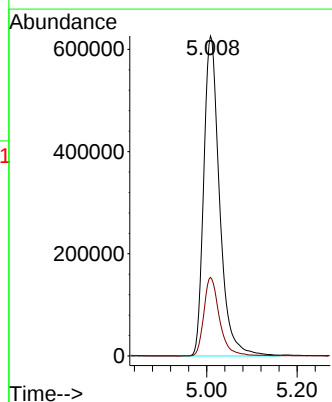
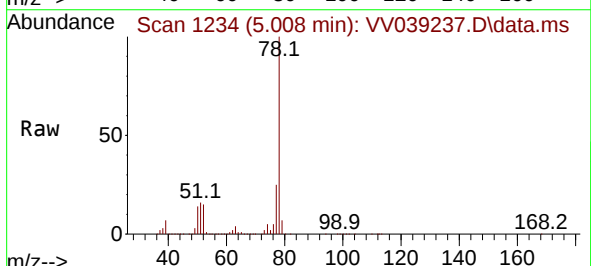
Acq: 29 Sep 2025 17:15

Tgt Ion: 78 Resp: 1522784

Ion Ratio Lower Upper

78 100

77 24.5 18.7 28.1



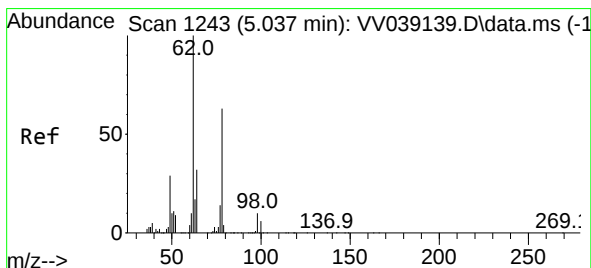
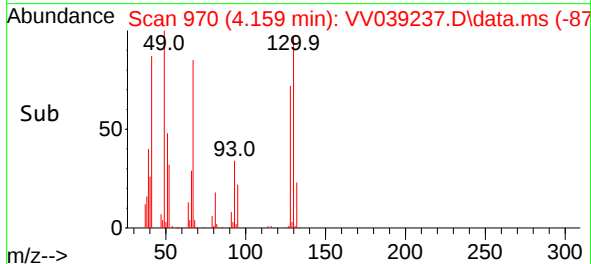
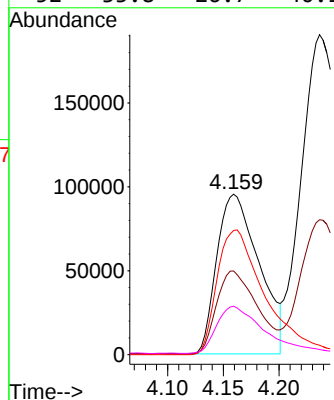
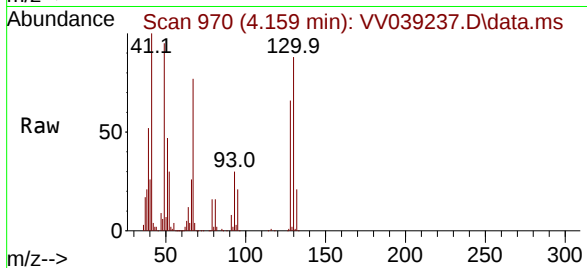


#41  
Methacrylonitrile  
Concen: 52.000 ug/l  
RT: 4.159 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

Tgt Ion: 41 Resp: 251054

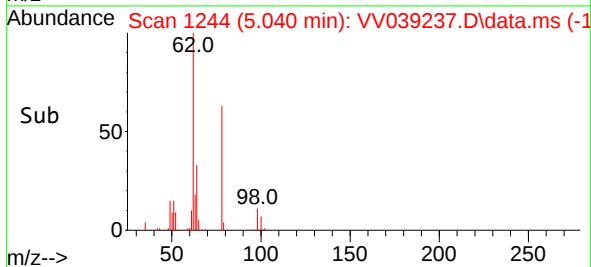
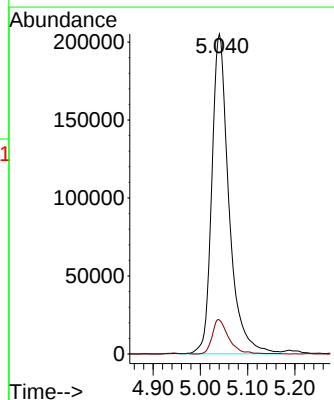
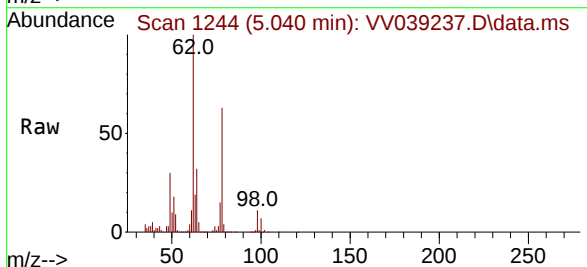
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 50.9  | 42.2  | 63.2  |
| 67  | 92.1  | 67.9  | 101.9 |
| 52  | 33.8  | 26.7  | 40.1  |

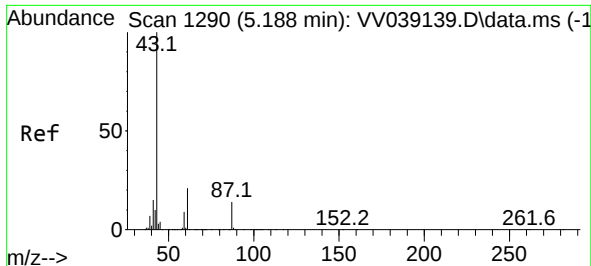


#42  
1,2-Dichloroethane  
Concen: 51.551 ug/l  
RT: 5.040 min Scan# 1244  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 62 Resp: 516822

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.2  | 0.0   | 19.2  |

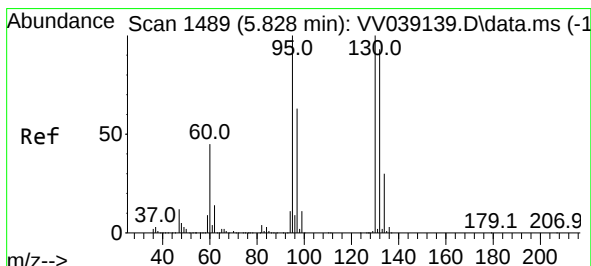
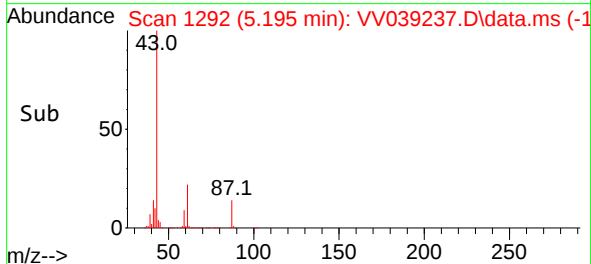
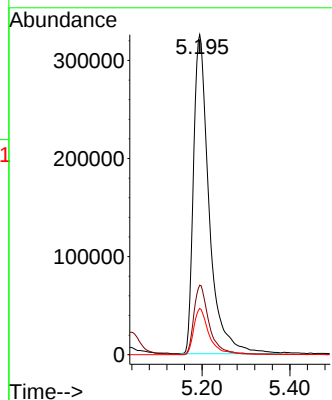
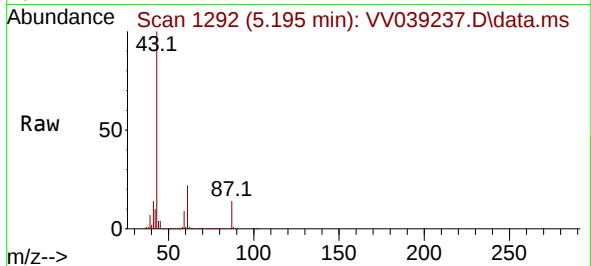




#43  
Isopropyl Acetate  
Concen: 55.271 ug/l  
RT: 5.195 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

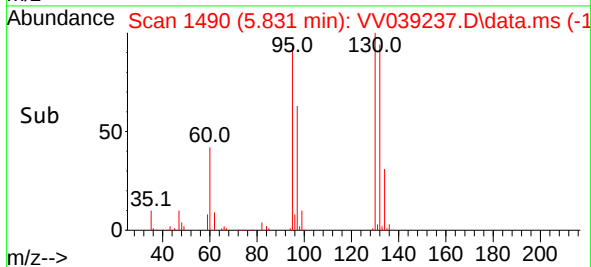
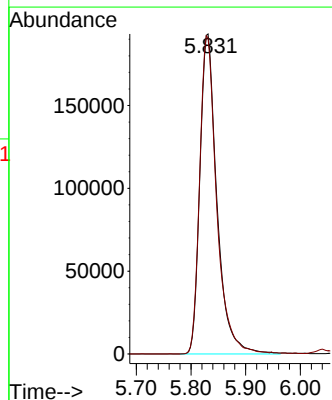
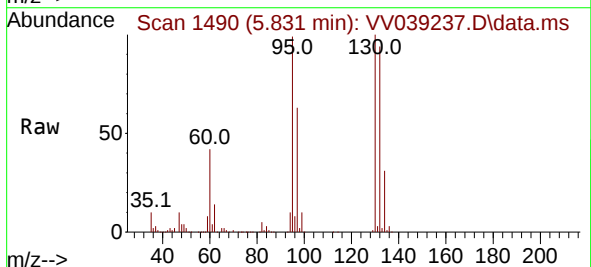
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

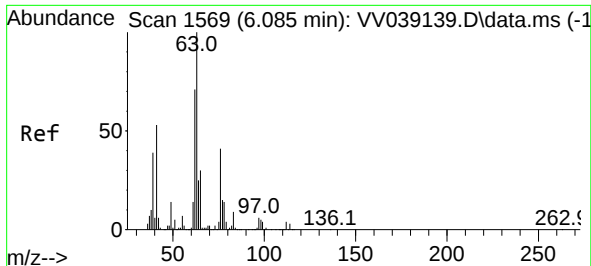
Tgt Ion: 43 Resp: 803487  
Ion Ratio Lower Upper  
43 100  
61 21.0 15.9 23.9  
87 14.1 11.0 16.6



#44  
Trichloroethene  
Concen: 63.243 ug/l  
RT: 5.831 min Scan# 1490  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion:130 Resp: 417556  
Ion Ratio Lower Upper  
130 100  
95 98.7 0.0 199.2





#45

1,2-Dichloropropane

Concen: 55.758 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

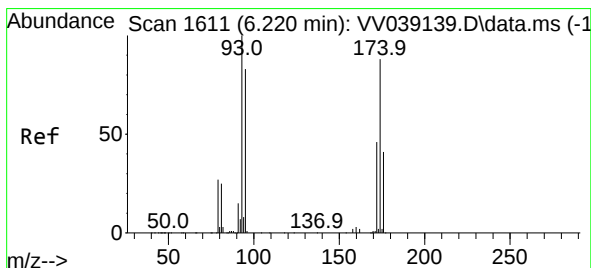
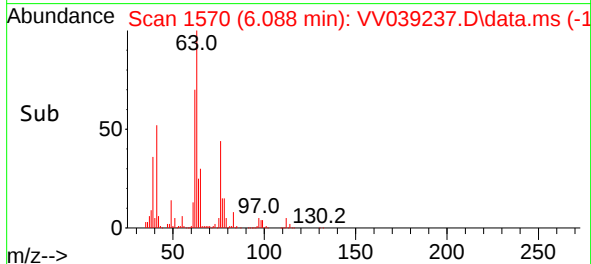
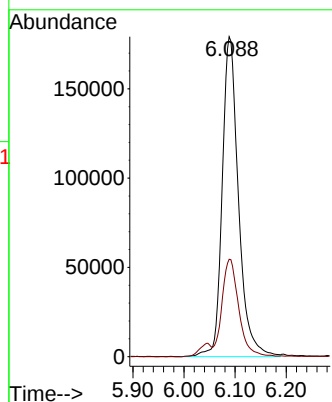
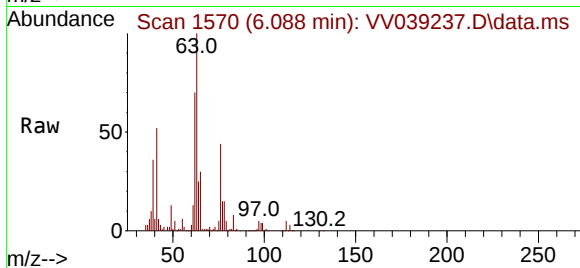
MW-33D-091725MS

Tgt Ion: 63 Resp: 396539

Ion Ratio Lower Upper

63 100

65 30.4 23.7 35.5



#46

Dibromomethane

Concen: 55.239 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

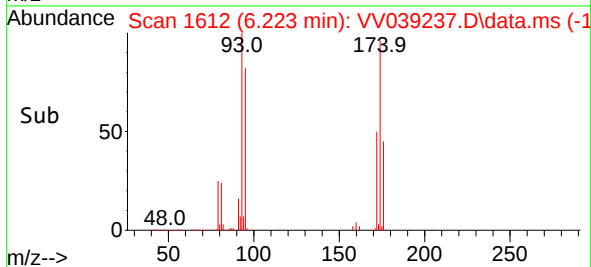
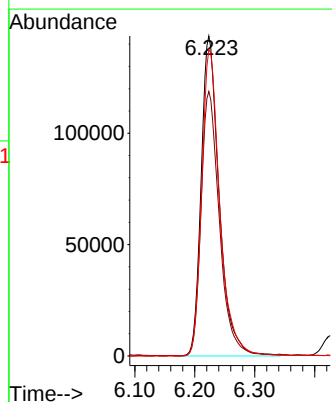
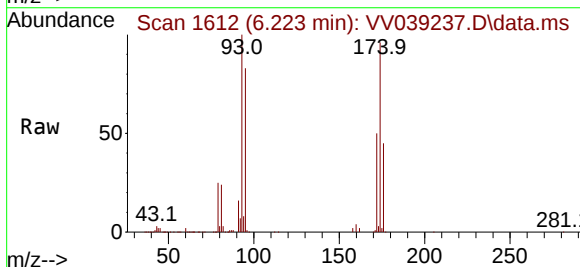
Tgt Ion: 93 Resp: 300681

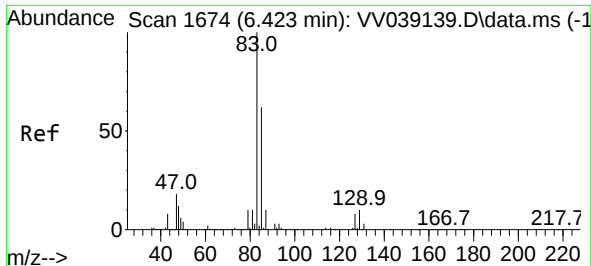
Ion Ratio Lower Upper

93 100

95 83.9 65.5 98.3

174 96.2 69.0 103.4





#47

Bromodichloromethane

Concen: 53.355 ug/l

RT: 6.426 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

MW-33D-091725MS

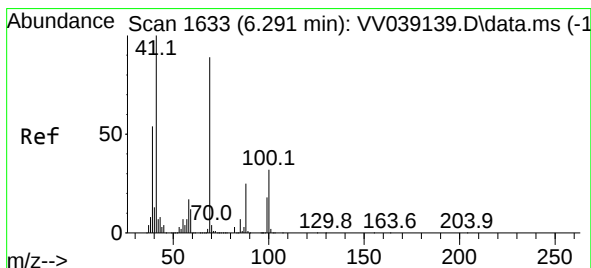
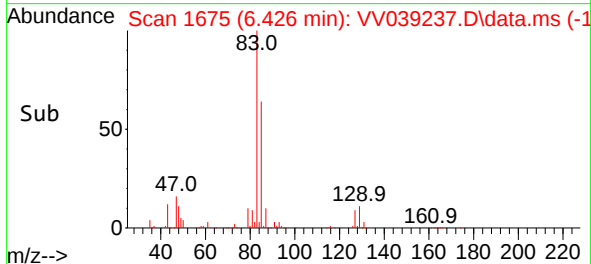
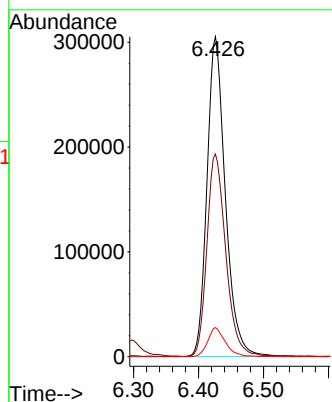
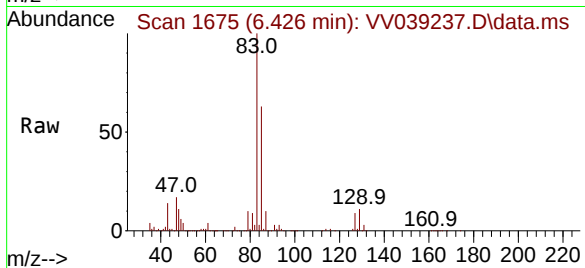
Tgt Ion: 83 Resp: 600401

Ion Ratio Lower Upper

83 100

85 63.2 49.7 74.5

127 9.1 6.6 9.8



#48

Methyl methacrylate

Concen: 59.056 ug/l

RT: 6.294 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

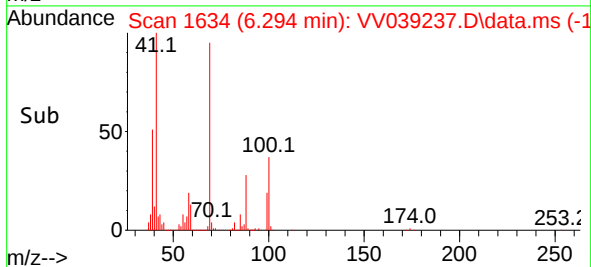
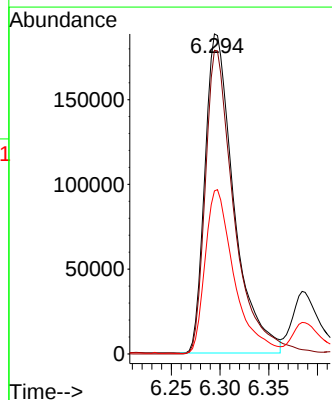
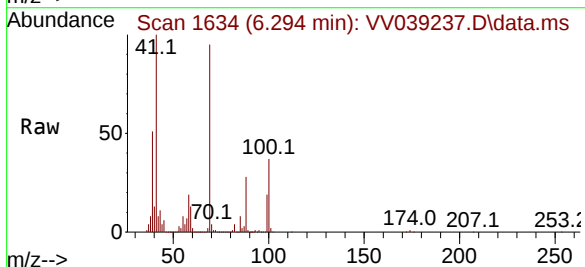
Tgt Ion: 41 Resp: 389168

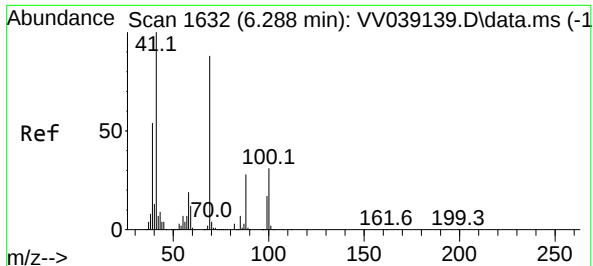
Ion Ratio Lower Upper

41 100

69 95.3 72.4 108.6

39 51.3 42.5 63.7





#49

1,4-Dioxane

Concen: 1265.383 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

MW-33D-091725MS

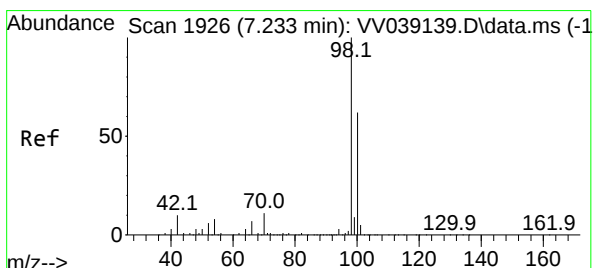
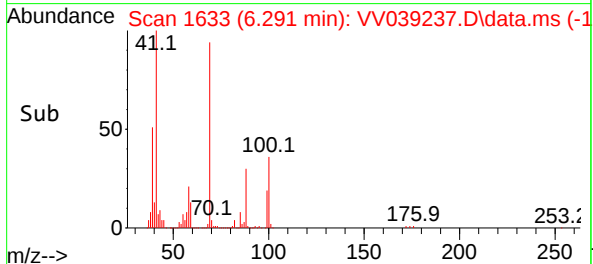
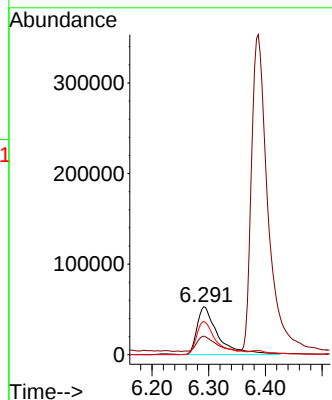
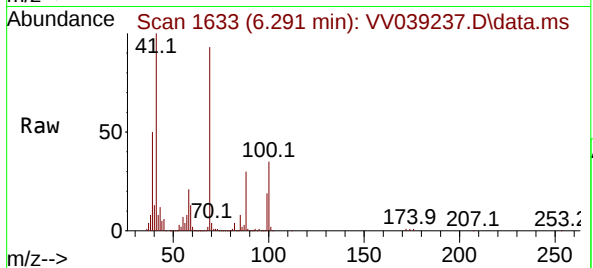
Tgt Ion: 88 Resp: 134567

Ion Ratio Lower Upper

88 100

43 27.3 25.1 37.7

58 66.1 53.6 80.4



#50

Toluene-d8

Concen: 49.271 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039237.D

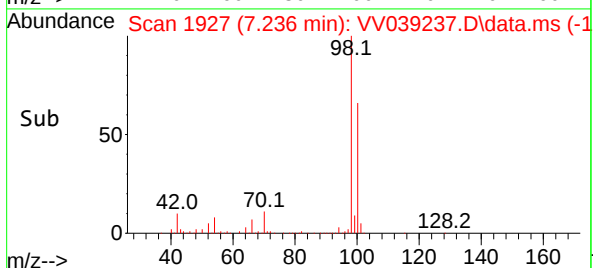
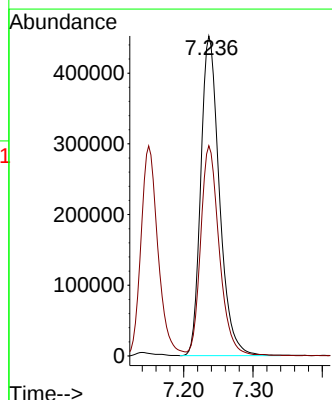
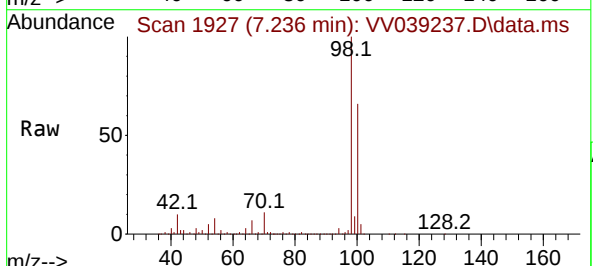
Acq: 29 Sep 2025 17:15

Tgt Ion: 98 Resp: 841006

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 303.149 ug/l

RT: 7.149 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

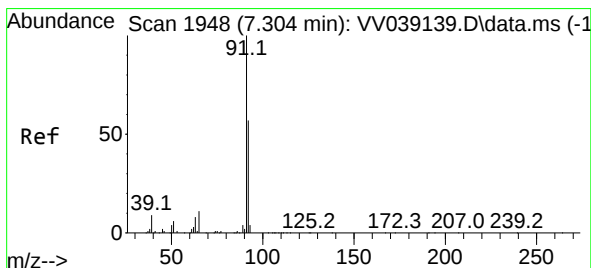
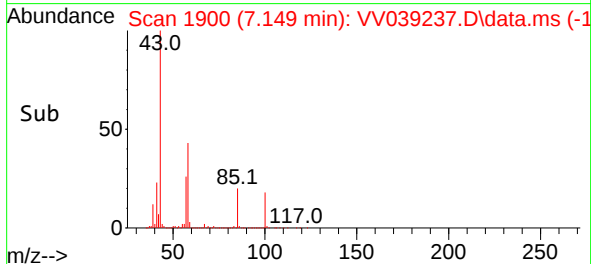
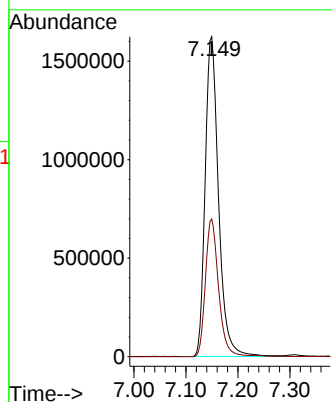
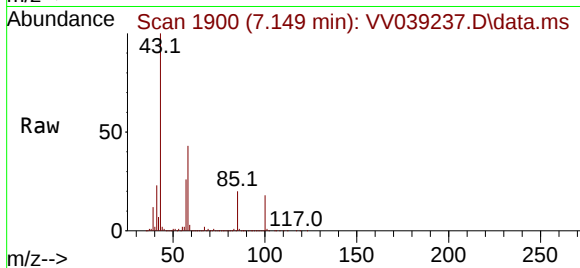
MW-33D-091725MS

Tgt Ion: 43 Resp: 2899248

Ion Ratio Lower Upper

43 100

58 42.3 32.3 48.5



#52

Toluene

Concen: 58.584 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039237.D

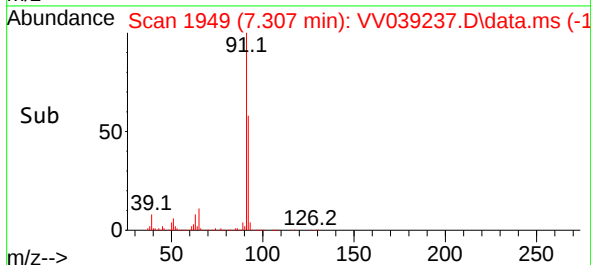
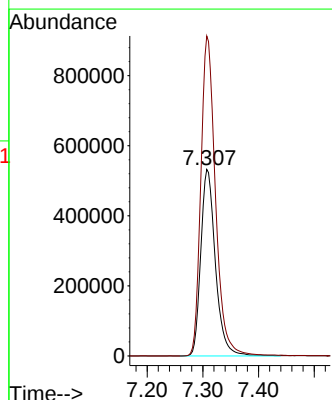
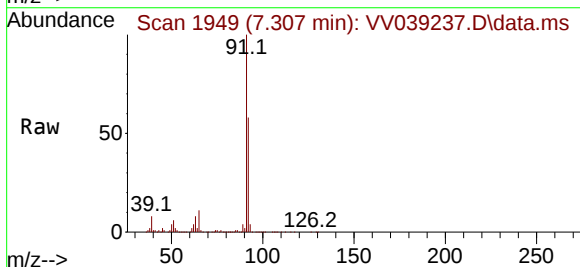
Acq: 29 Sep 2025 17:15

Tgt Ion: 92 Resp: 971887

Ion Ratio Lower Upper

92 100

91 171.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 57.011 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

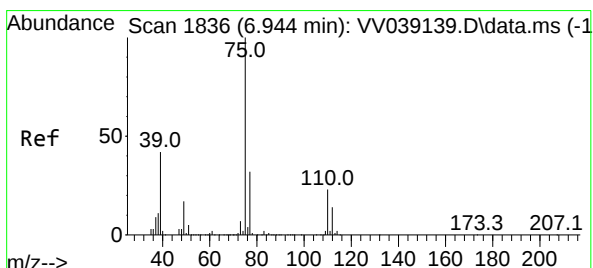
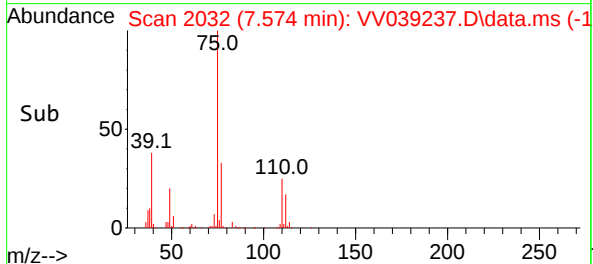
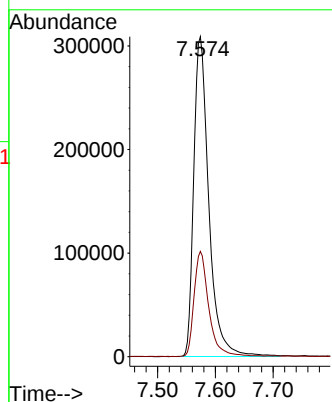
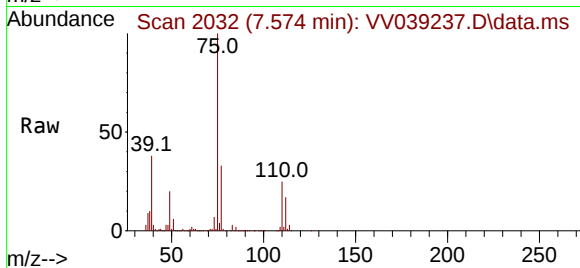
MW-33D-091725MS

Tgt Ion: 75 Resp: 559095

Ion Ratio Lower Upper

75 100

77 32.8 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 51.725 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

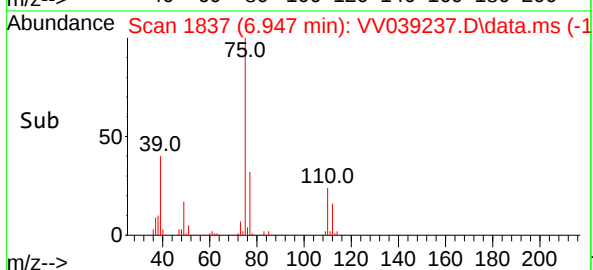
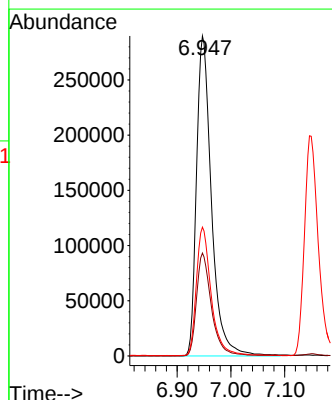
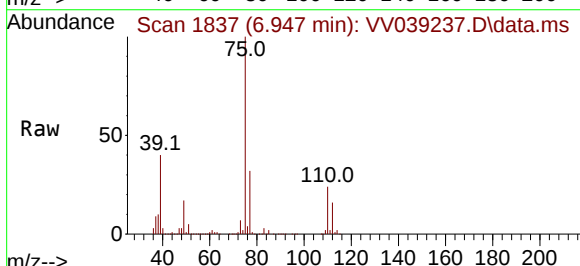
Tgt Ion: 75 Resp: 559990

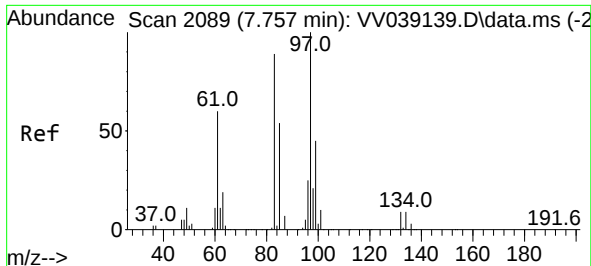
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 40.1 33.8 50.6

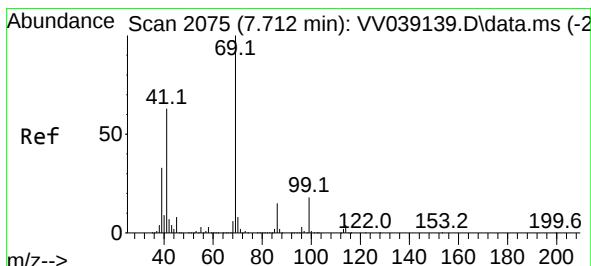
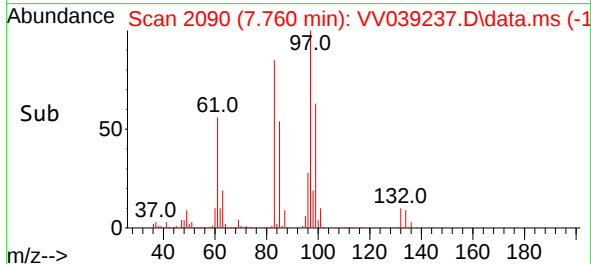
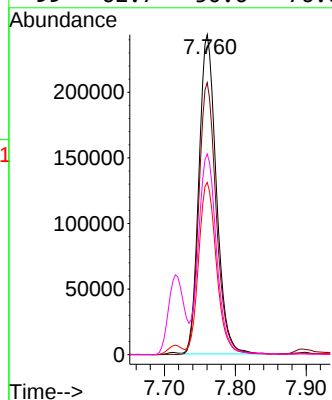
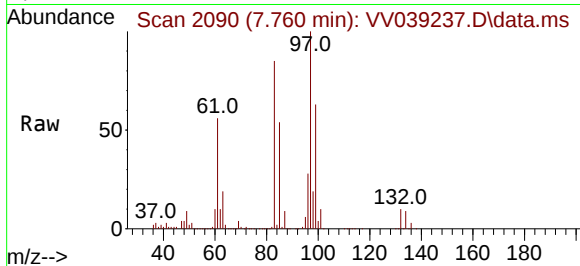




#55  
1,1,2-Trichloroethane  
Concen: 55.730 ug/l  
RT: 7.760 min Scan# 2089  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

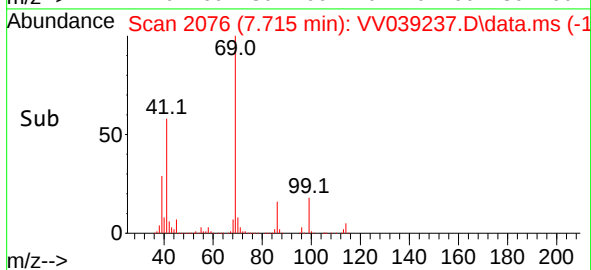
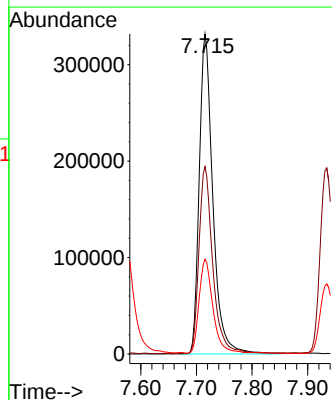
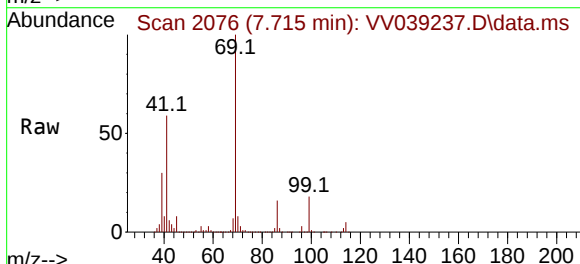
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 414549 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.1  | 71.1  | 106.7  |
| 85       | 53.8  | 44.6  | 67.0   |
| 99       | 62.7  | 50.6  | 76.0   |



#56  
Ethyl methacrylate  
Concen: 63.672 ug/l  
RT: 7.715 min Scan# 2076  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 562462 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 59.5  | 50.7  | 76.1   |
| 39       | 29.6  | 26.0  | 39.0   |

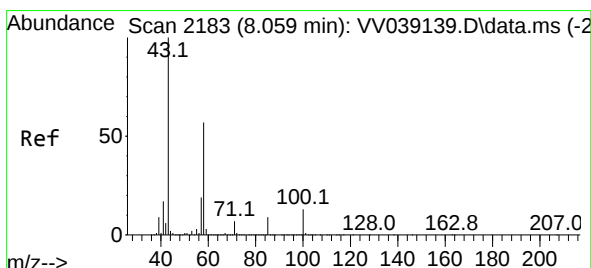
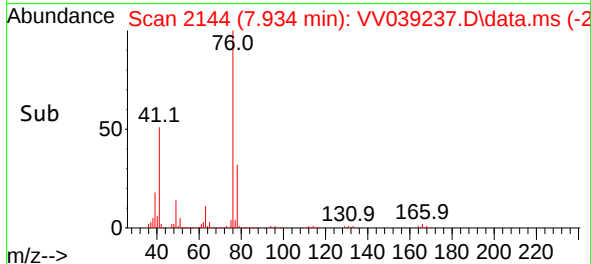
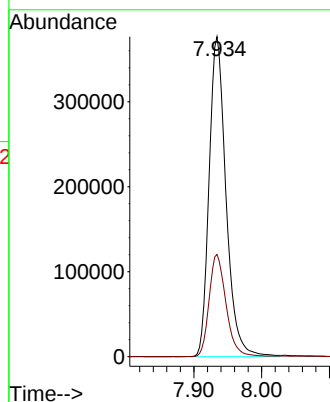
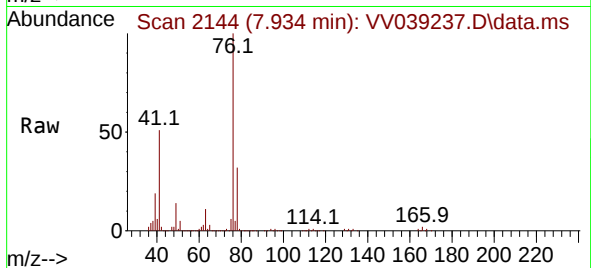




#57  
1,3-Dichloropropane  
Concen: 55.659 ug/l  
RT: 7.934 min Scan# 2143  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

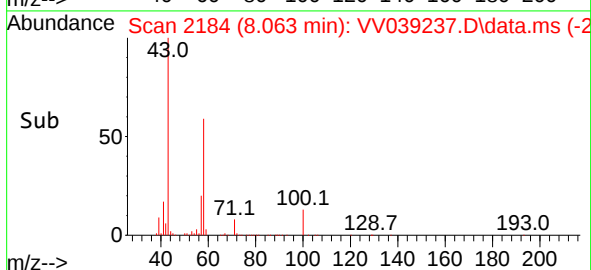
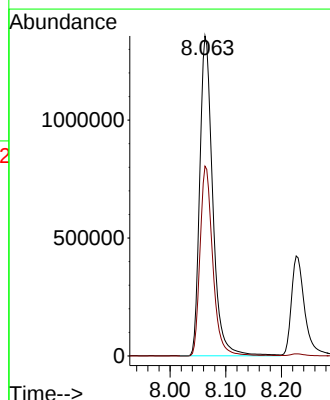
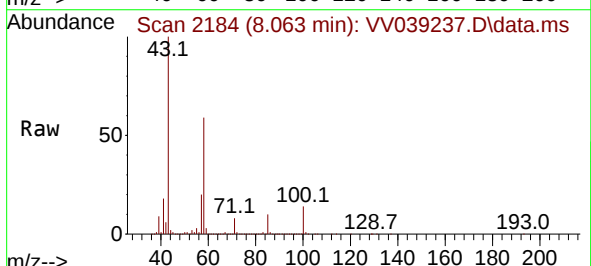
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

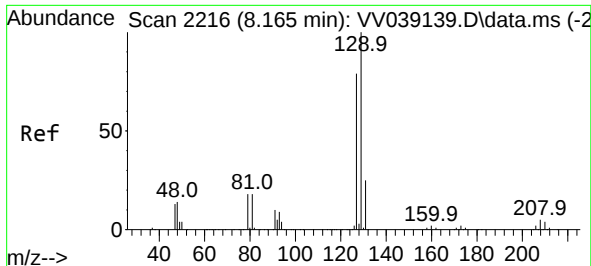
Tgt Ion: 76 Resp: 653401  
Ion Ratio Lower Upper  
76 100  
78 31.9 26.1 39.1



#59  
2-Hexanone  
Concen: 283.389 ug/l  
RT: 8.063 min Scan# 2184  
Delta R.T. 0.004 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 43 Resp: 2190138  
Ion Ratio Lower Upper  
43 100  
58 58.4 28.3 85.0

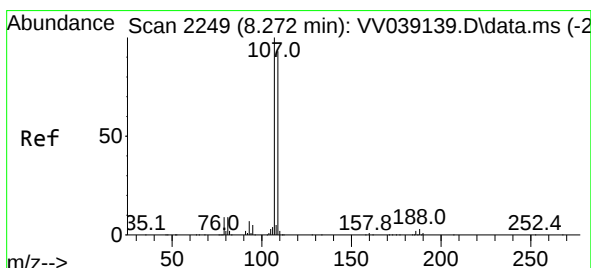
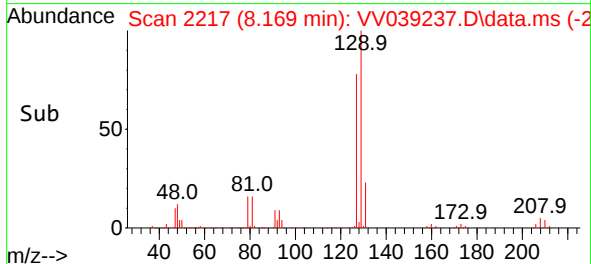
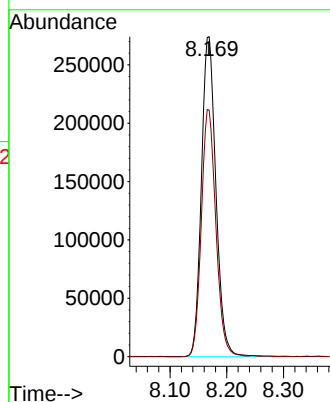
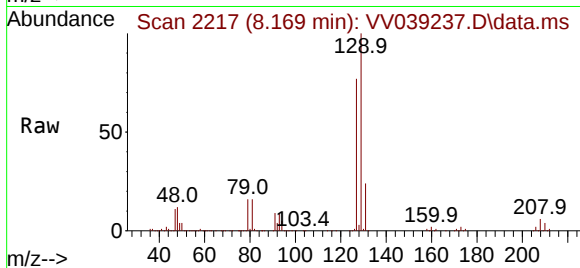




#60  
Dibromochloromethane  
Concen: 57.553 ug/l  
RT: 8.169 min Scan# 2216  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

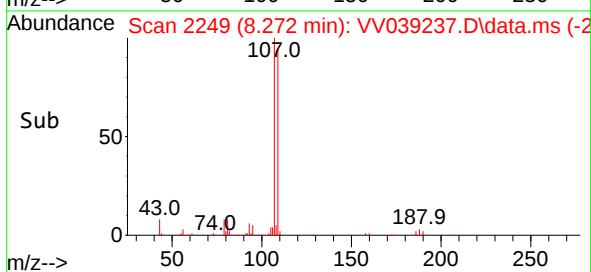
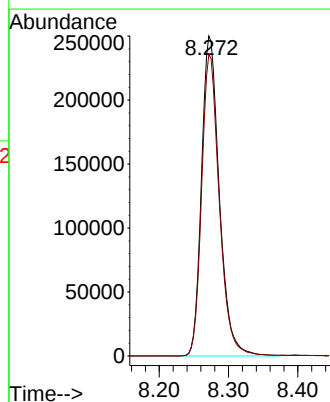
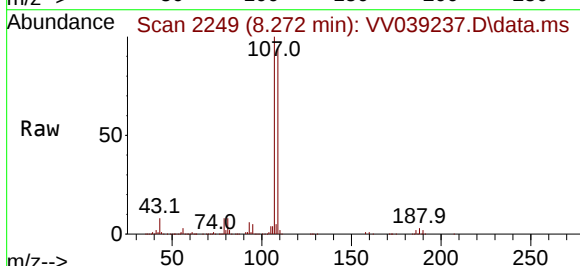
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

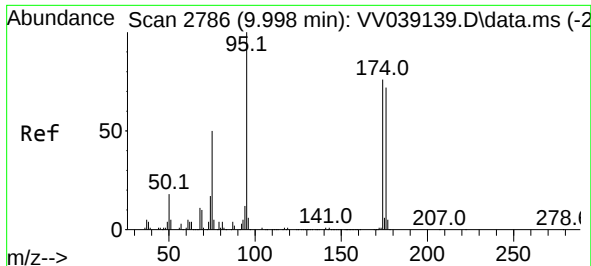
Tgt Ion:129 Resp: 487809  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.3 117.9



#61  
1,2-Dibromoethane  
Concen: 58.729 ug/l  
RT: 8.272 min Scan# 2249  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion:107 Resp: 446765  
Ion Ratio Lower Upper  
107 100  
109 93.4 74.6 112.0

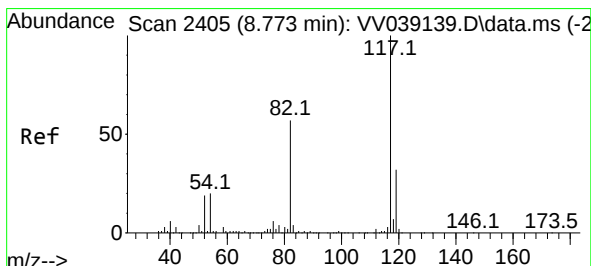
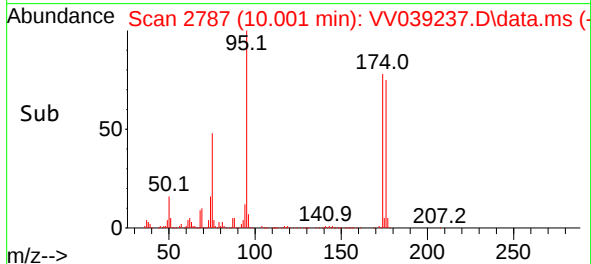
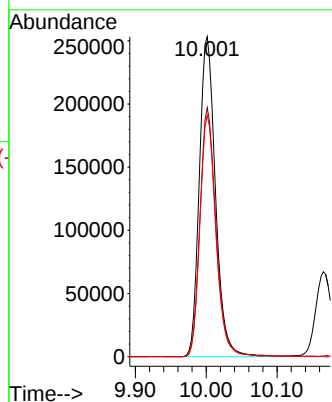
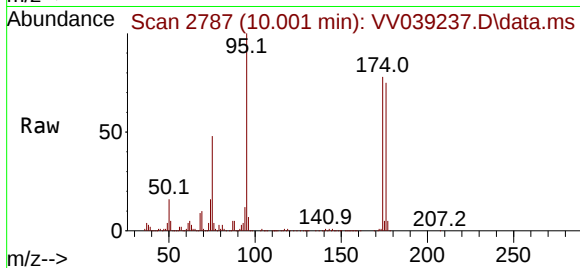




#62  
4-Bromofluorobenzene  
Concen: 57.067 ug/l  
RT: 10.001 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

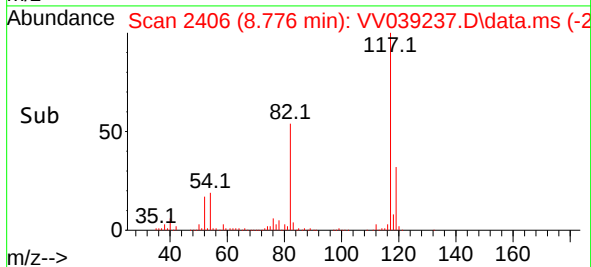
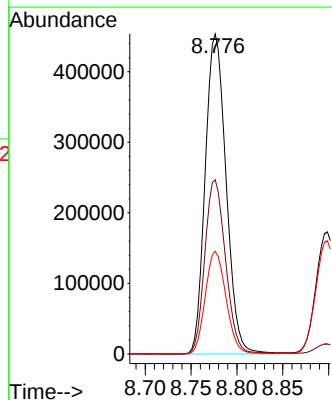
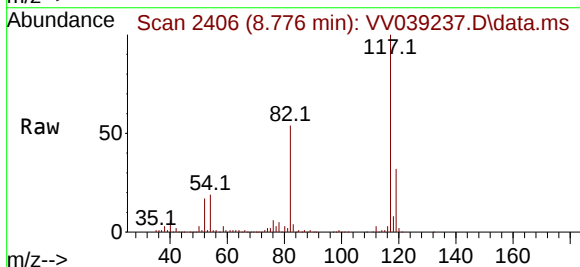
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

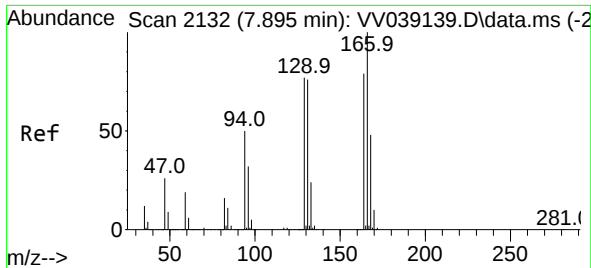
Tgt Ion: 95 Resp: 400996  
Ion Ratio Lower Upper  
95 100  
174 77.2 0.0 150.4  
176 74.4 0.0 144.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.776 min Scan# 2406  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 117 Resp: 717971  
Ion Ratio Lower Upper  
117 100  
82 54.4 45.4 68.2  
119 32.1 25.6 38.4

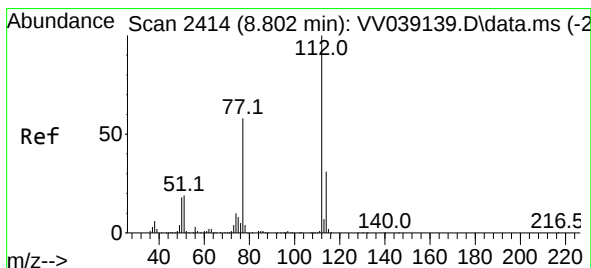
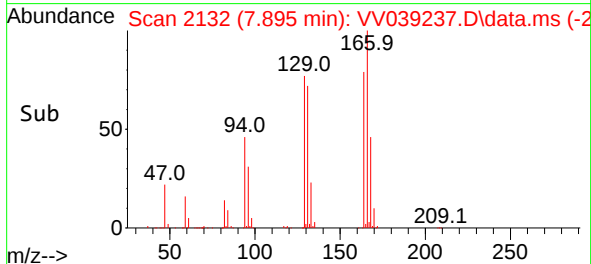
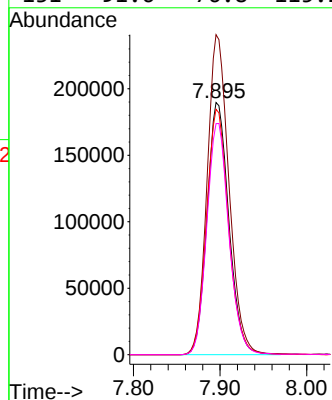
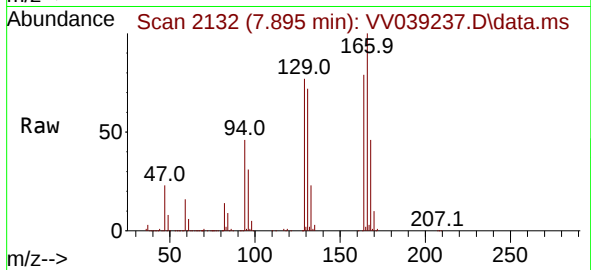




#64  
Tetrachloroethene  
Concen: 55.385 ug/l  
RT: 7.895 min Scan# 2132  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

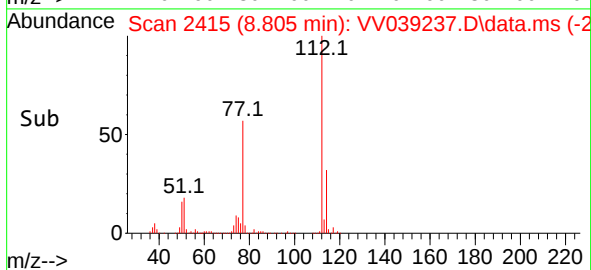
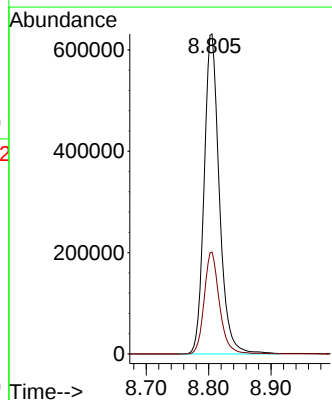
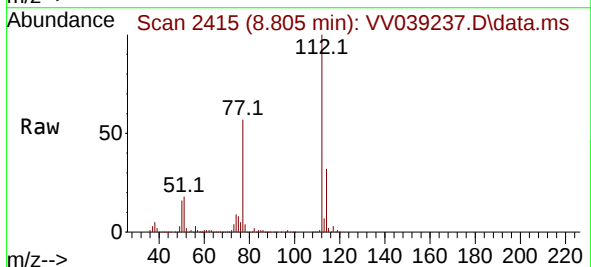
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

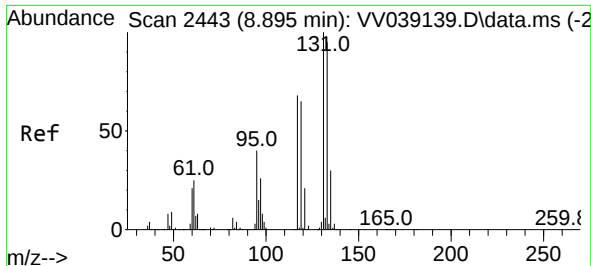
Tgt Ion:164 Resp: 333065  
Ion Ratio Lower Upper  
164 100  
166 126.9 101.6 152.4  
129 97.4 78.5 117.7  
131 91.6 76.8 115.2



#65  
Chlorobenzene  
Concen: 53.614 ug/l  
RT: 8.805 min Scan# 2415  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion:112 Resp: 1072211  
Ion Ratio Lower Upper  
112 100  
114 31.9 24.6 37.0

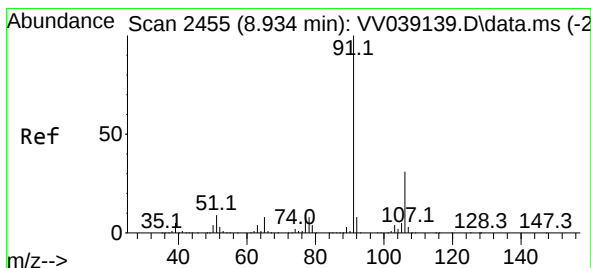
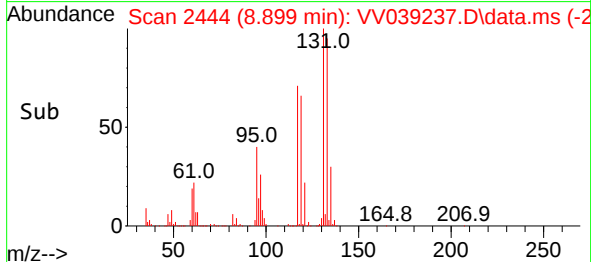
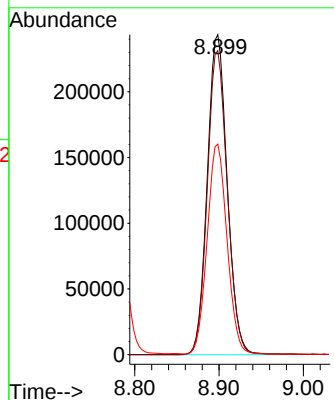
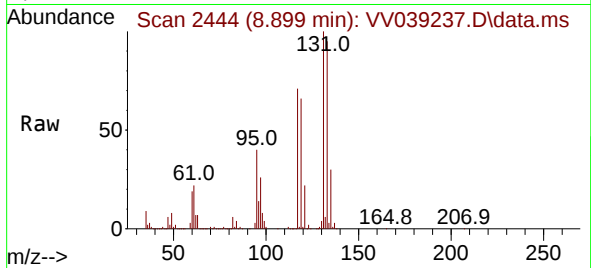




#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 55.549 ug/l  
 RT: 8.899 min Scan# 2443  
 Delta R.T. 0.003 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

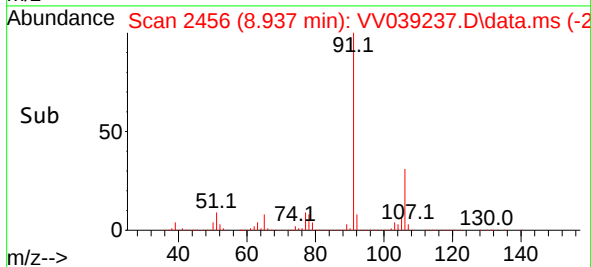
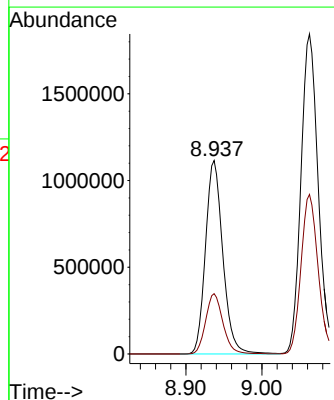
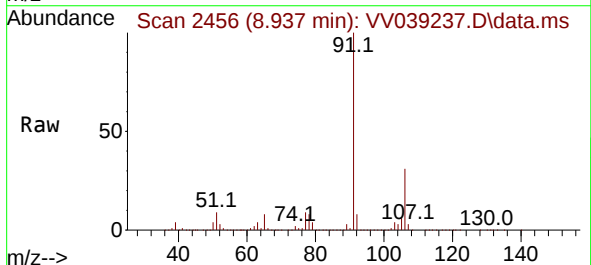
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-33D-091725MS

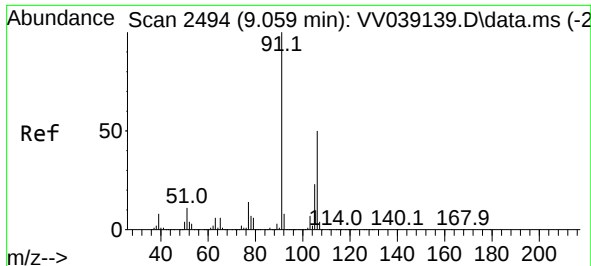
Tgt Ion:131 Resp: 401399  
 Ion Ratio Lower Upper  
 131 100  
 133 95.4 47.3 141.8  
 119 65.4 33.3 99.8



#67  
 Ethyl Benzene  
 Concen: 58.400 ug/l  
 RT: 8.937 min Scan# 2456  
 Delta R.T. 0.003 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

Tgt Ion: 91 Resp: 1767918  
 Ion Ratio Lower Upper  
 91 100  
 106 31.2 24.6 37.0

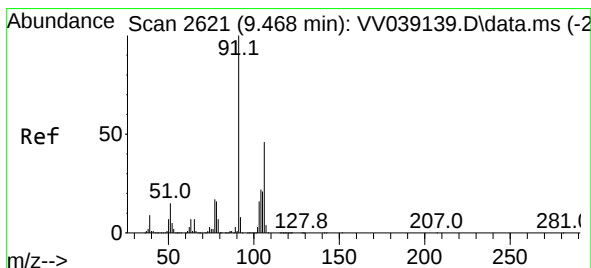
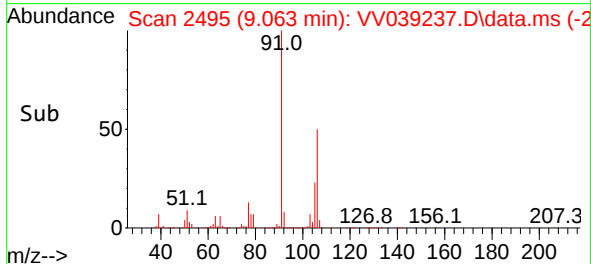
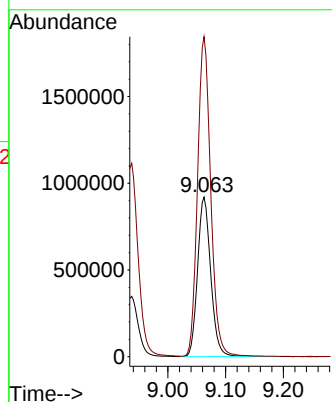
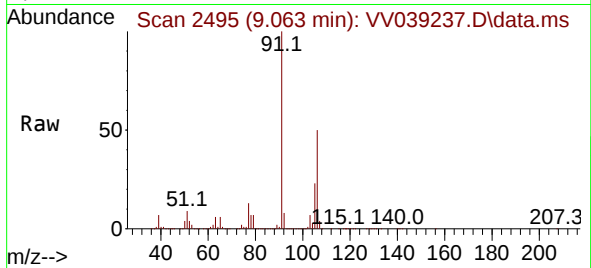




#68  
m/p-Xylenes  
Concen: 124.490 ug/l  
RT: 9.063 min Scan# 2494  
Delta R.T. 0.004 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

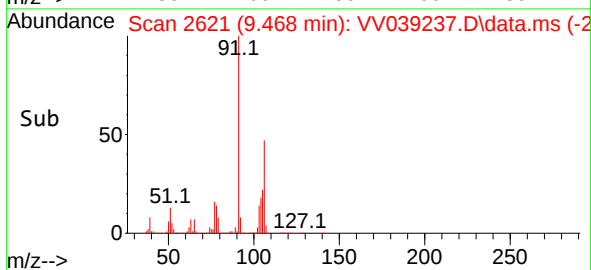
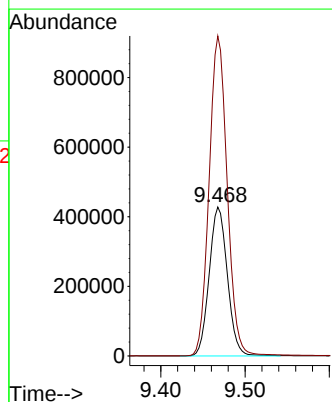
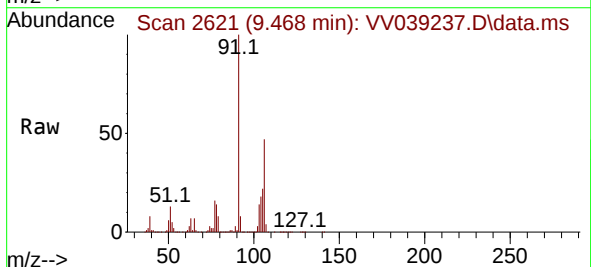
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

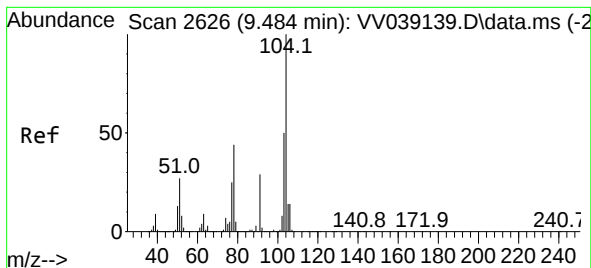
Tgt Ion:106 Resp: 1454532  
Ion Ratio Lower Upper  
106 100  
91 200.6 162.5 243.7



#69  
o-Xylene  
Concen: 62.089 ug/l  
RT: 9.468 min Scan# 2621  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion:106 Resp: 642334  
Ion Ratio Lower Upper  
106 100  
91 214.1 109.1 327.3





#70

Styrene

Concen: 55.861 ug/l

RT: 9.484 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

MW-33D-091725MS

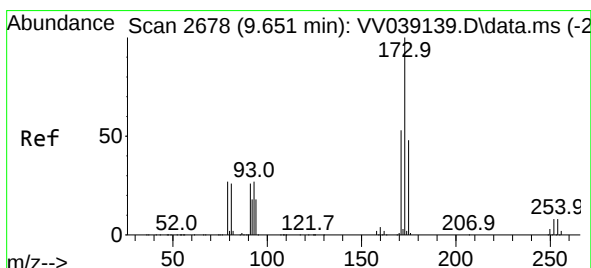
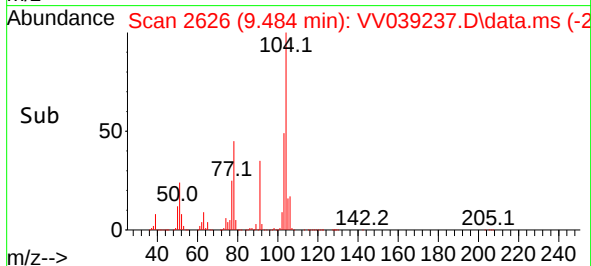
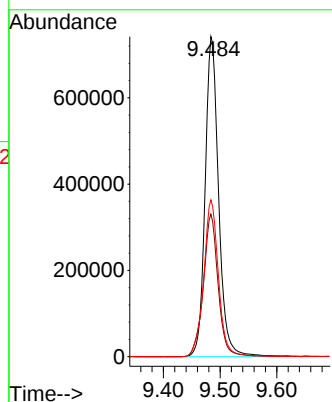
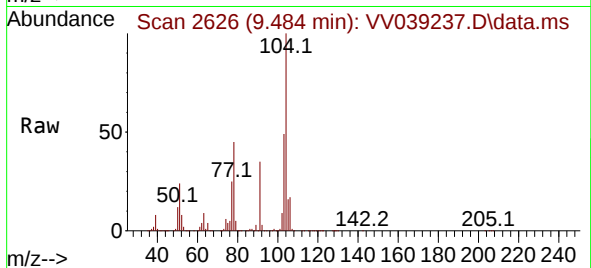
Tgt Ion:104 Resp: 1227294

Ion Ratio Lower Upper

104 100

78 48.7 39.8 59.6

103 53.4 43.4 65.2



#71

Bromoform

Concen: 60.678 ug/l

RT: 9.654 min Scan# 2679

Delta R.T. 0.003 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

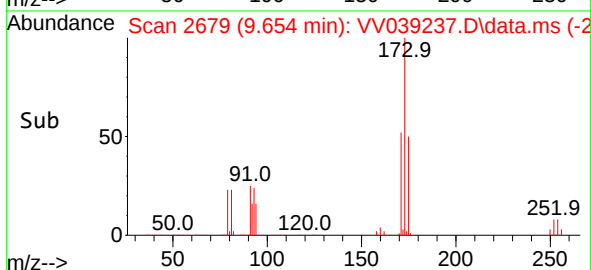
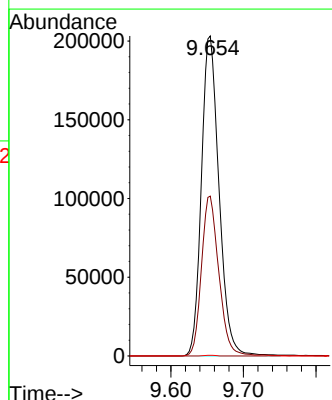
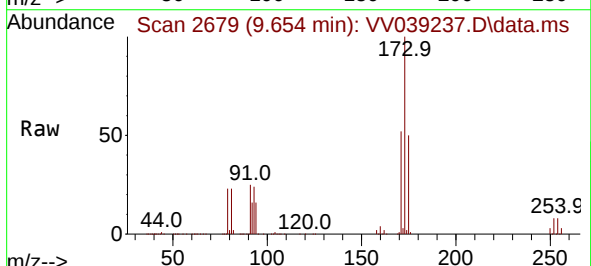
Tgt Ion:173 Resp: 342488

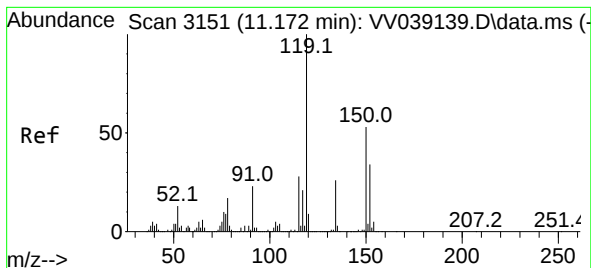
Ion Ratio Lower Upper

173 100

175 49.1 23.9 71.7

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: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

MW-33D-091725MS

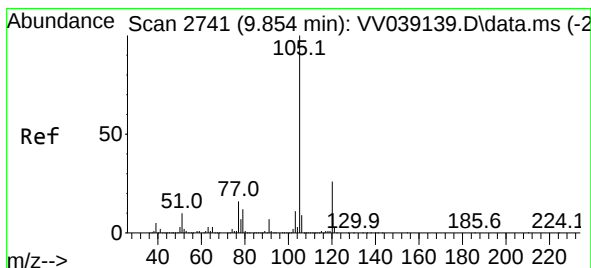
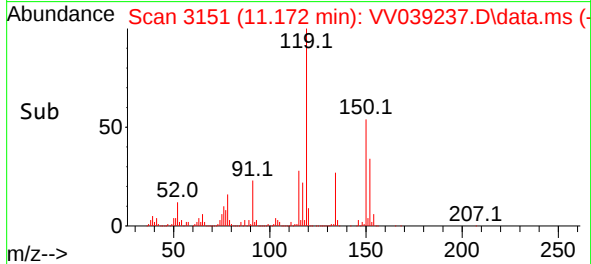
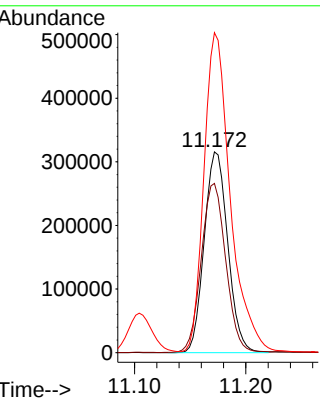
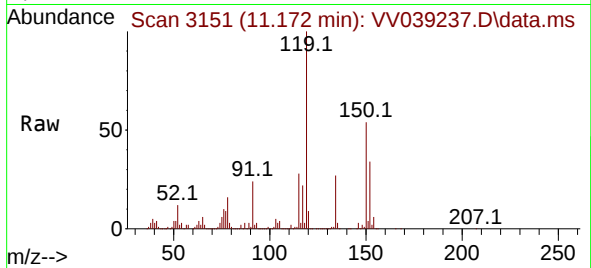
Tgt Ion:152 Resp: 463779

Ion Ratio Lower Upper

152 100

115 87.6 44.8 134.4

150 178.9 0.0 353.8



#73

Isopropylbenzene

Concen: 52.393 ug/l

RT: 9.857 min Scan# 2742

Delta R.T. 0.003 min

Lab File: VV039237.D

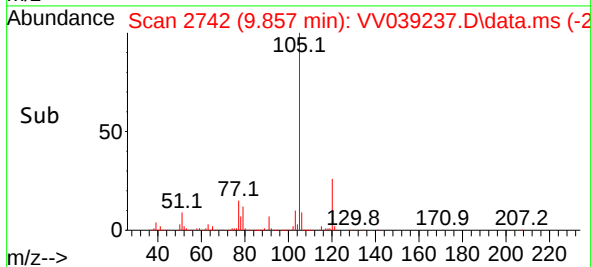
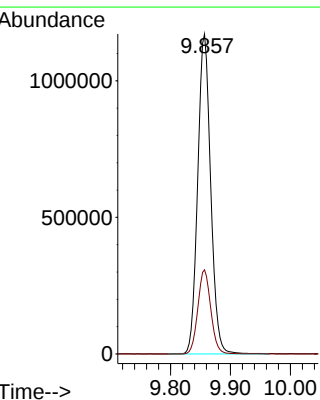
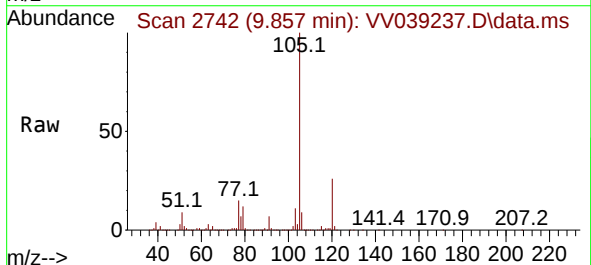
Acq: 29 Sep 2025 17:15

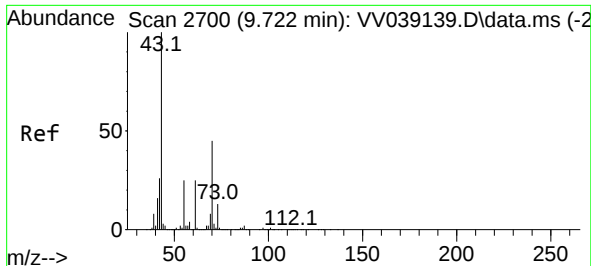
Tgt Ion:105 Resp: 1762396

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1

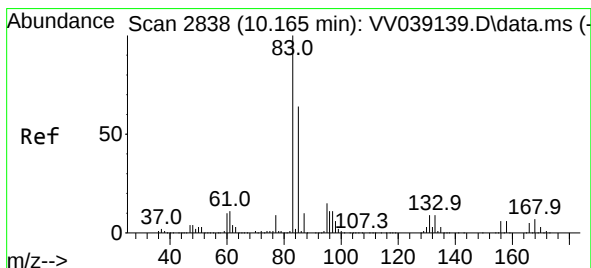
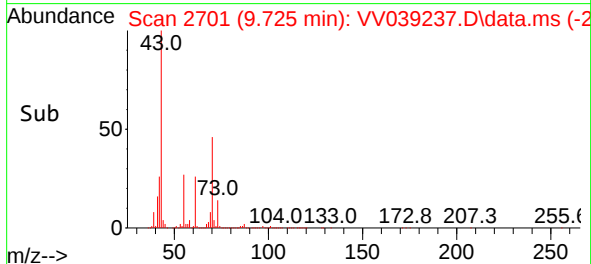
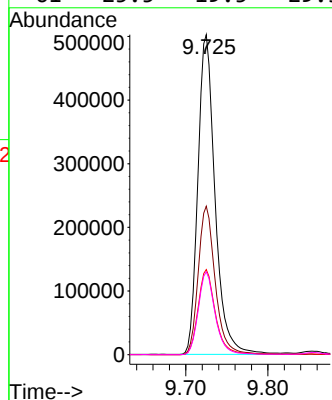
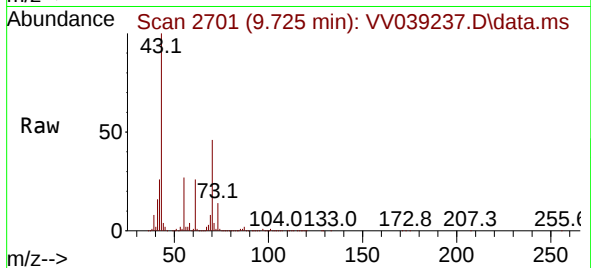




#74  
N-amy1 acetate  
Concen: 54.489 ug/l  
RT: 9.725 min Scan# 2700  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

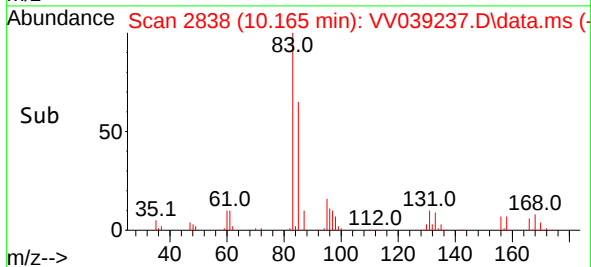
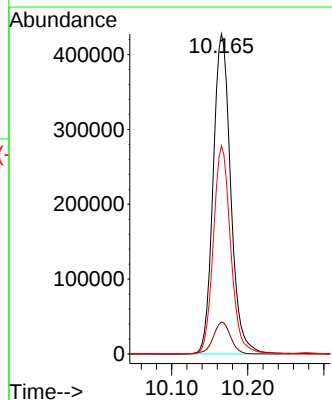
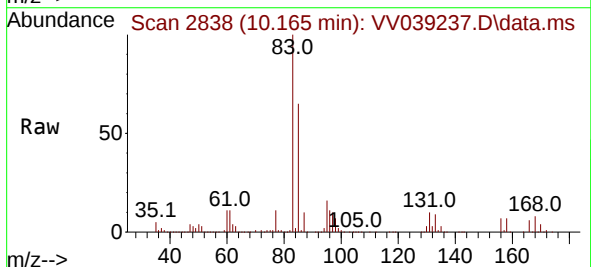
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

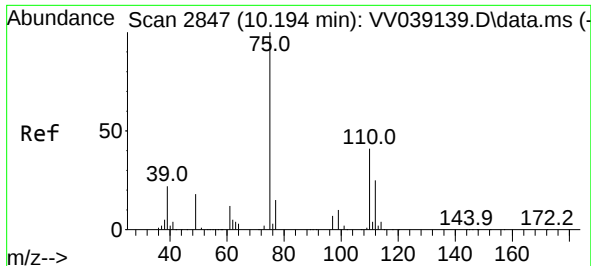
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 731113 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 70       | 46.3  | 35.4  | 53.0   |
| 55       | 27.0  | 20.6  | 30.8   |
| 61       | 25.5  | 19.5  | 29.3   |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 46.515 ug/l  
RT: 10.165 min Scan# 2838  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 685568 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 9.9   | 4.5   | 13.7   |
| 85       | 64.3  | 31.9  | 95.9   |

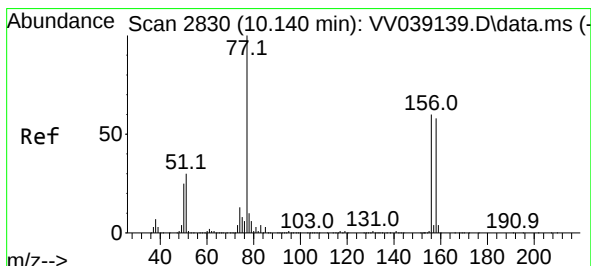
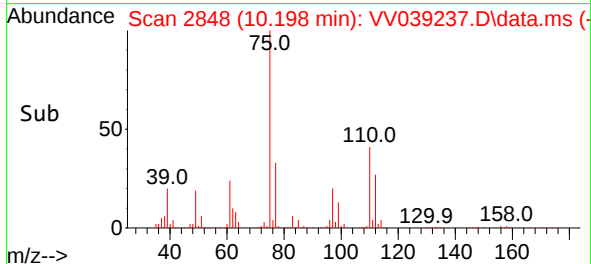
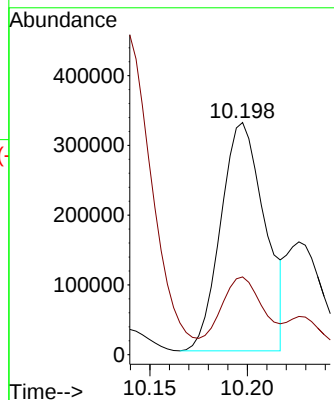
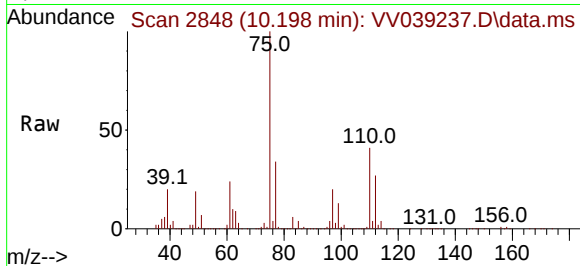




#76  
1,2,3-Trichloropropane  
Concen: 48.805 ug/l  
RT: 10.198 min Scan# 2847  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

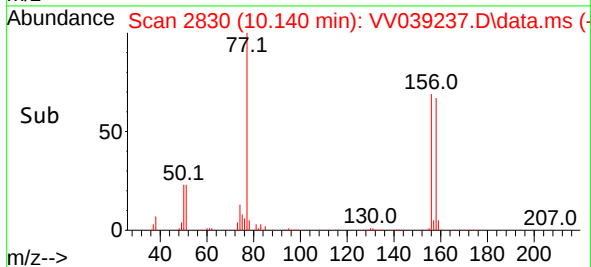
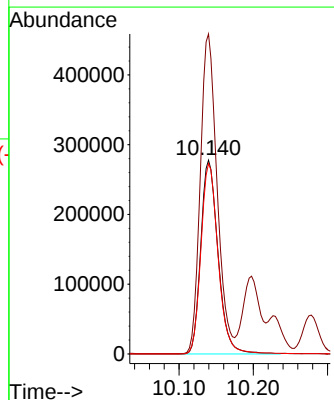
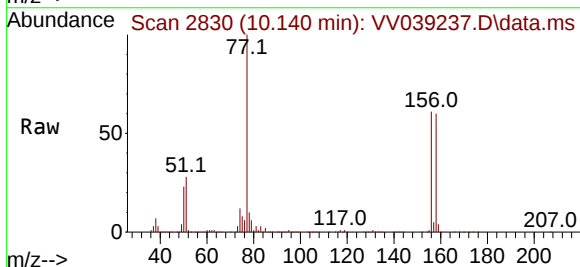
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

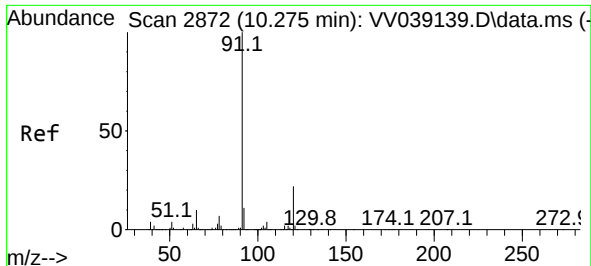
Tgt Ion: 75 Resp: 515358  
Ion Ratio Lower Upper  
75 100  
77 23.1 11.3 33.8



#77  
Bromobenzene  
Concen: 51.546 ug/l  
RT: 10.140 min Scan# 2830  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion:156 Resp: 449861  
Ion Ratio Lower Upper  
156 100  
77 160.3 83.4 250.1  
158 98.1 48.8 146.4

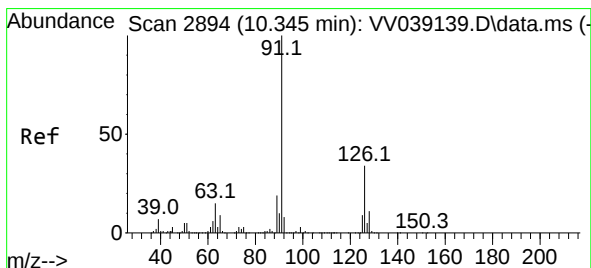
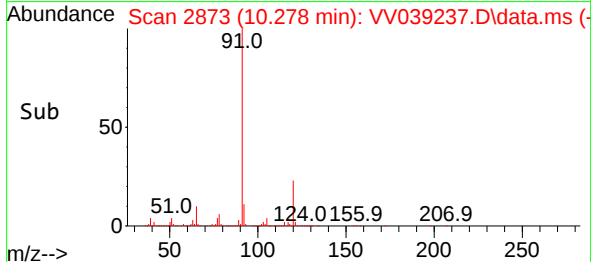
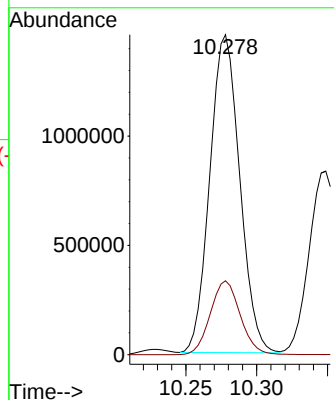
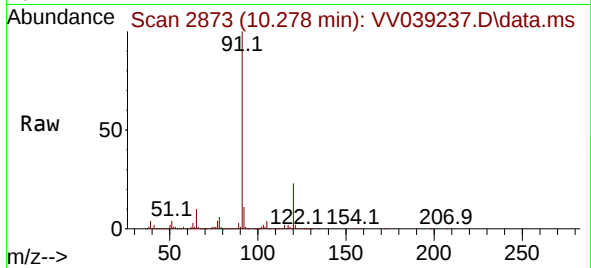




#78  
n-propylbenzene  
Concen: 52.135 ug/l  
RT: 10.278 min Scan# 2873  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

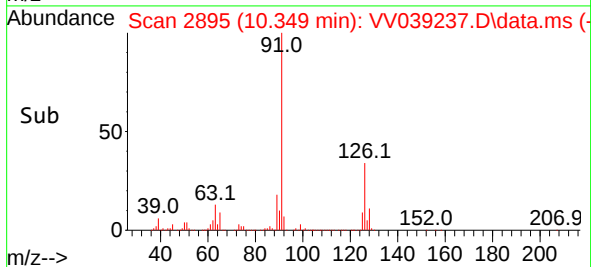
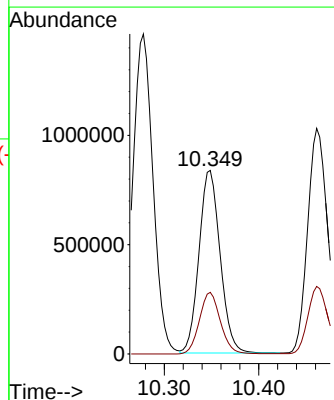
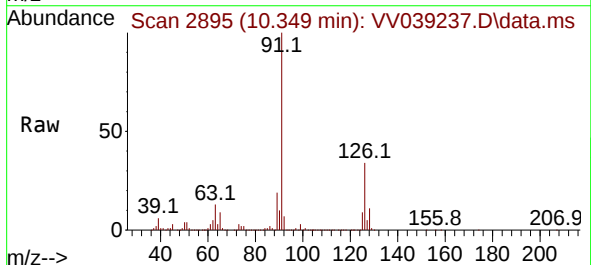
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

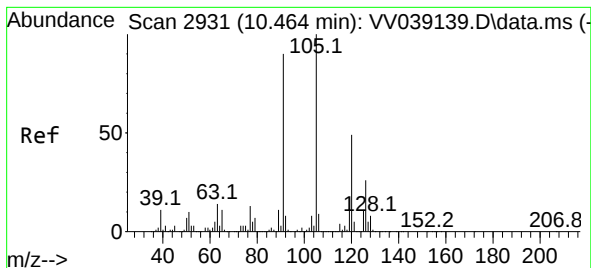
Tgt Ion: 91 Resp: 2135598  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.1 33.3



#79  
2-Chlorotoluene  
Concen: 52.883 ug/l  
RT: 10.349 min Scan# 2895  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 91 Resp: 1296224  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.7 50.0





#80

1,3,5-Trimethylbenzene

Concen: 54.405 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

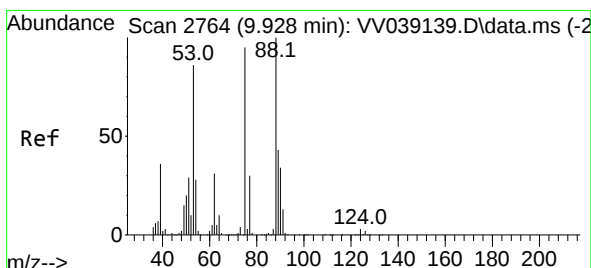
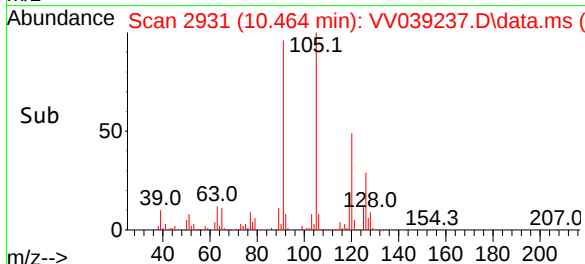
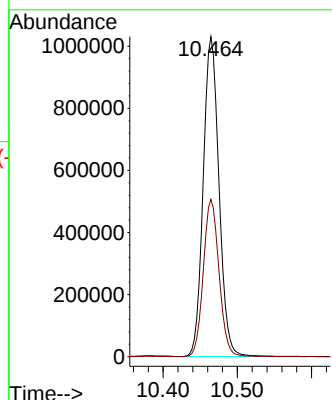
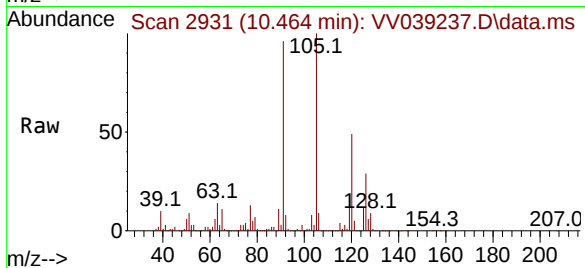
MW-33D-091725MS

Tgt Ion:105 Resp: 1521131

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 50.999 ug/l

RT: 9.927 min Scan# 2764

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

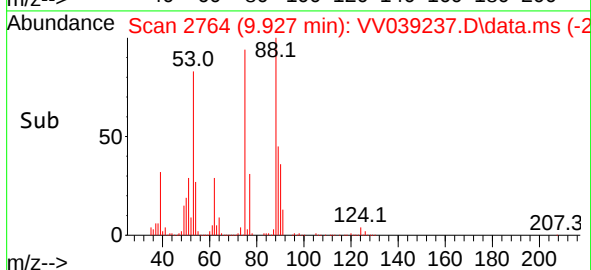
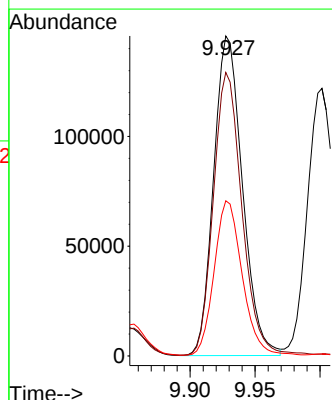
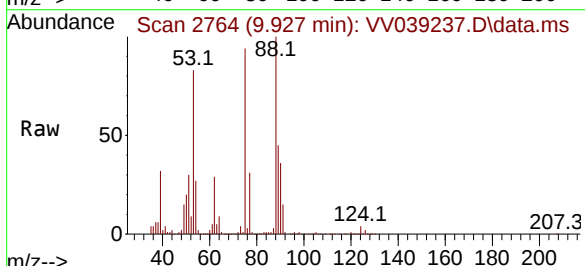
Tgt Ion: 75 Resp: 224319

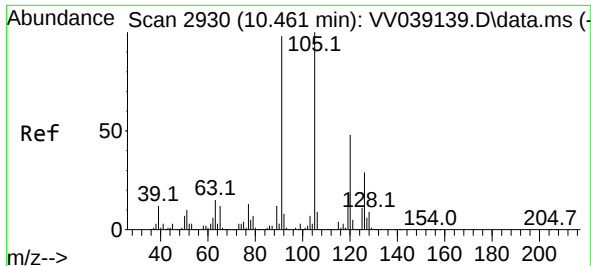
Ion Ratio Lower Upper

75 100

53 87.9 72.5 108.7

89 47.0 37.2 55.8

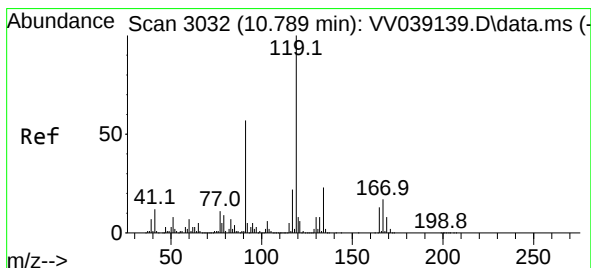
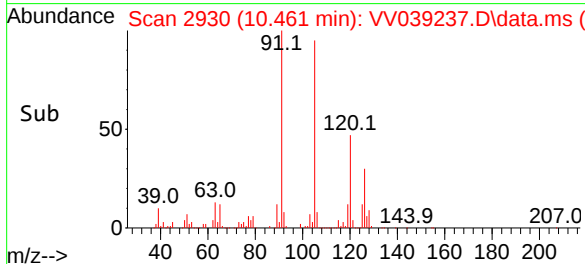
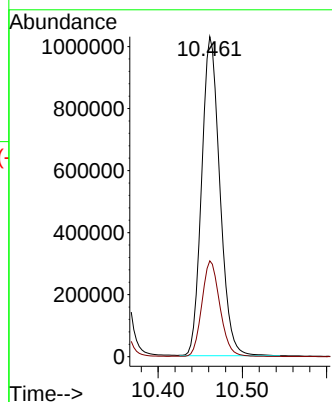
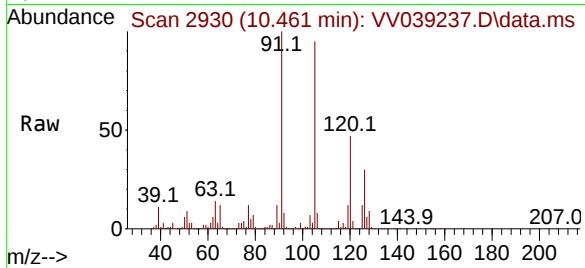




#82  
4-Chlorotoluene  
Concen: 54.545 ug/l  
RT: 10.461 min Scan# 2930  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

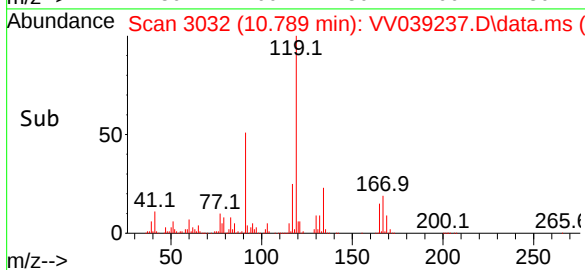
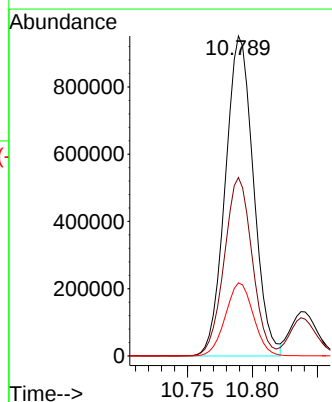
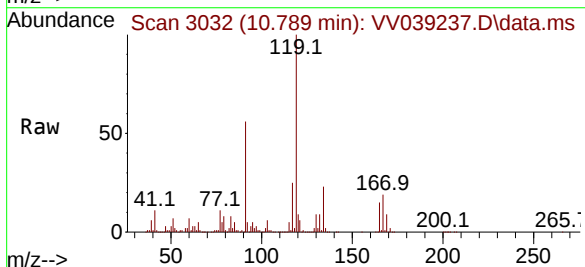
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

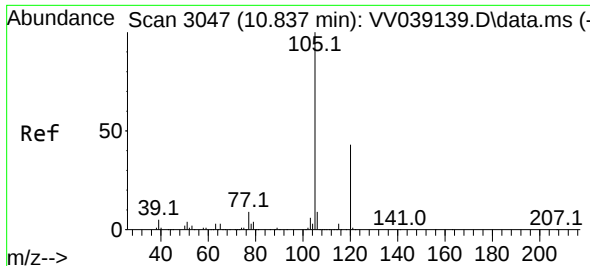
Tgt Ion: 91 Resp: 1550297  
Ion Ratio Lower Upper  
91 100  
126 30.0 14.5 43.6



#83  
tert-Butylbenzene  
Concen: 51.394 ug/l  
RT: 10.789 min Scan# 3032  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion: 119 Resp: 1432871  
Ion Ratio Lower Upper  
119 100  
91 55.3 28.5 85.6  
134 22.8 11.5 34.4

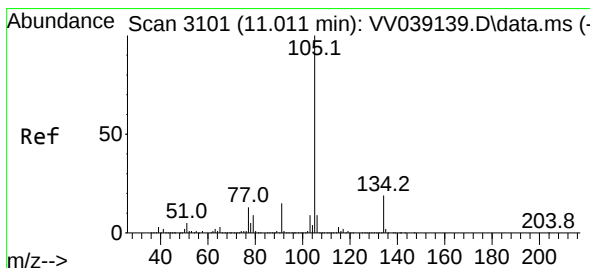
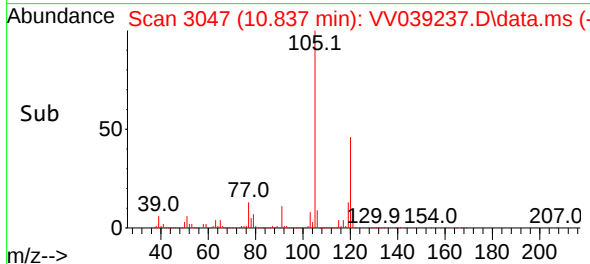
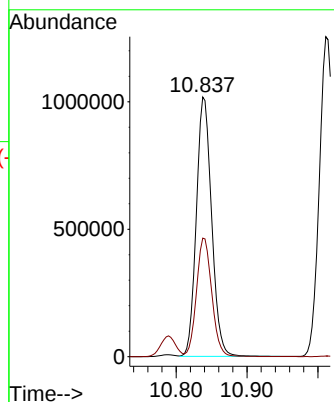
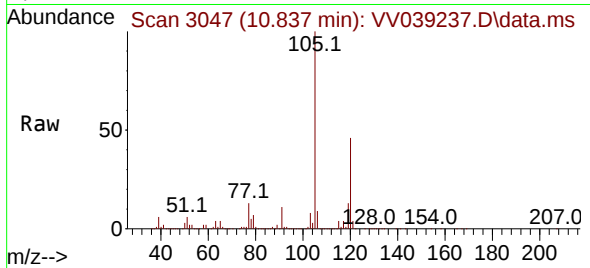




#84  
1,2,4-Trimethylbenzene  
Concen: 56.079 ug/l  
RT: 10.837 min Scan# 3047  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

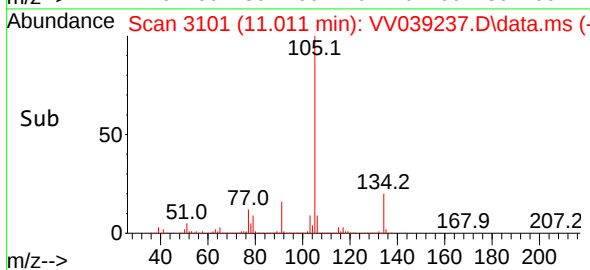
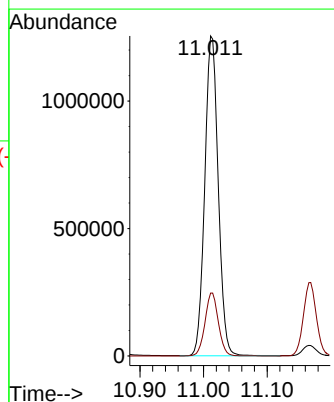
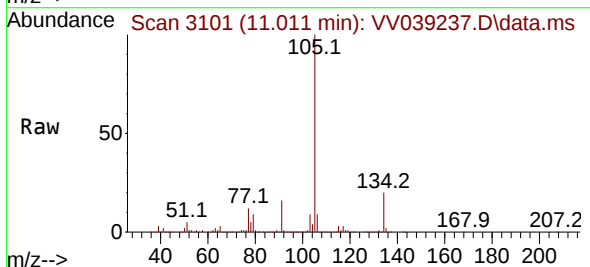
Instrument :  
MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

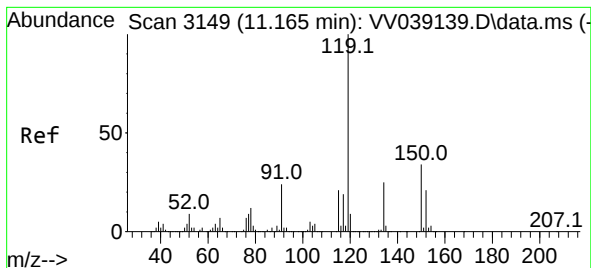
Tgt Ion:105 Resp: 1522222  
Ion Ratio Lower Upper  
105 100  
120 45.6 22.4 67.2



#85  
sec-Butylbenzene  
Concen: 49.697 ug/l  
RT: 11.011 min Scan# 3101  
Delta R.T. -0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion:105 Resp: 1837748  
Ion Ratio Lower Upper  
105 100  
134 19.7 9.6 28.8

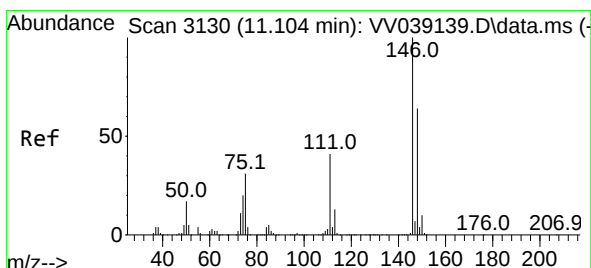
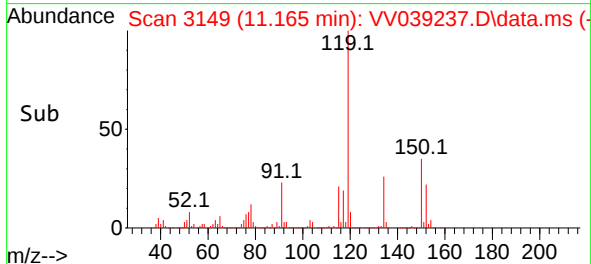
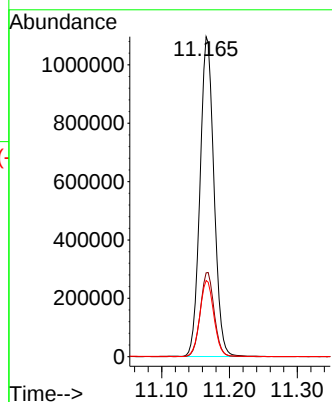
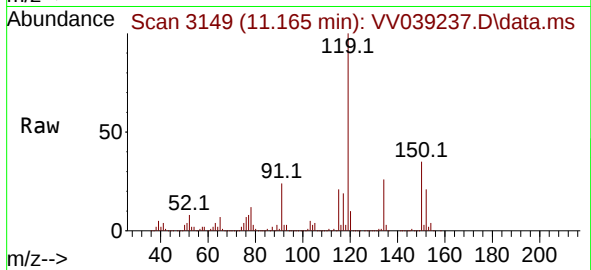




#86  
 p-Isopropyltoluene  
 Concen: 50.879 ug/l  
 RT: 11.165 min Scan# 3149  
 Delta R.T. -0.000 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

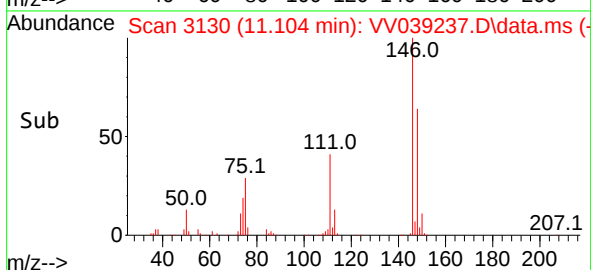
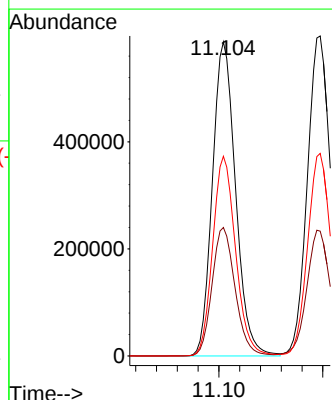
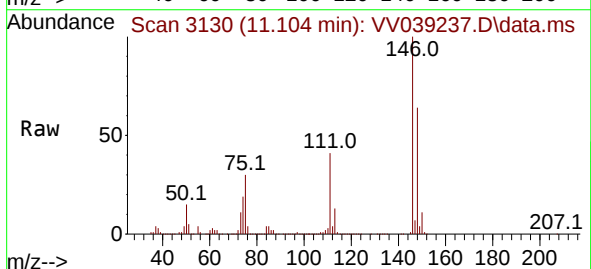
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-33D-091725MS

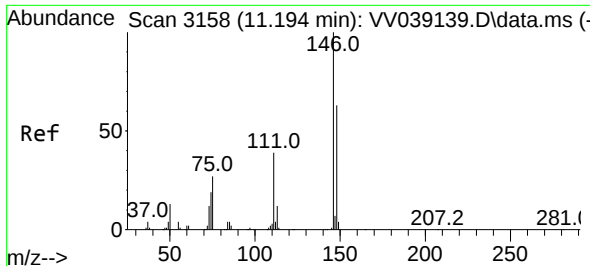
Tgt Ion:119 Resp: 1565969  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.7 38.0  
 91 24.0 12.0 36.1



#87  
 1,3-Dichlorobenzene  
 Concen: 51.316 ug/l  
 RT: 11.104 min Scan# 3130  
 Delta R.T. -0.000 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

Tgt Ion:146 Resp: 906378  
 Ion Ratio Lower Upper  
 146 100  
 111 40.6 20.9 62.8  
 148 62.9 31.8 95.3

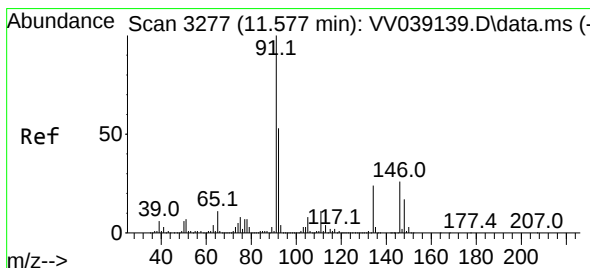
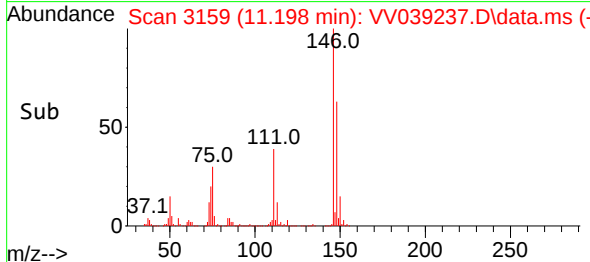
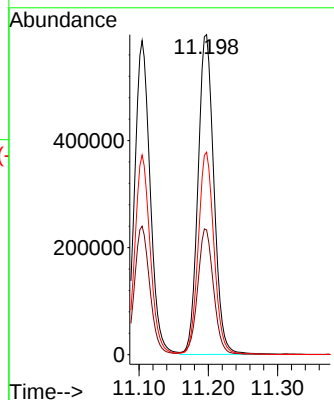
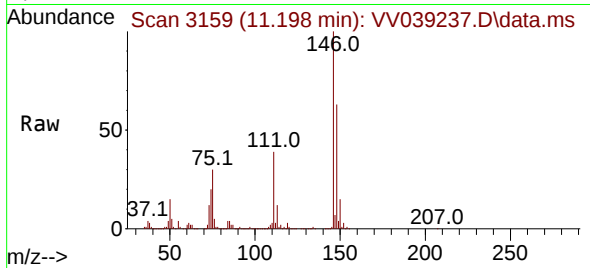




#88  
 1,4-Dichlorobenzene  
 Concen: 49.260 ug/l  
 RT: 11.198 min Scan# 3158  
 Delta R.T. 0.003 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

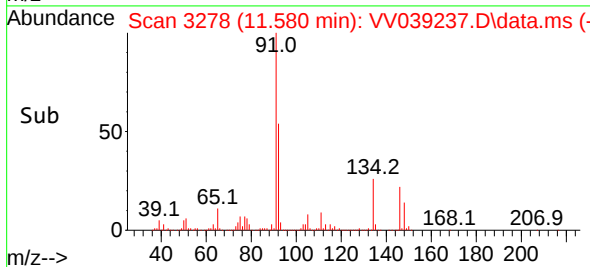
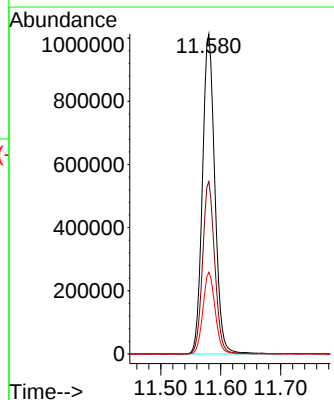
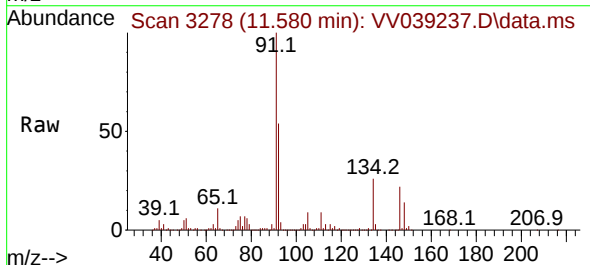
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 ClientSampleId :  
 MW-33D-091725MS

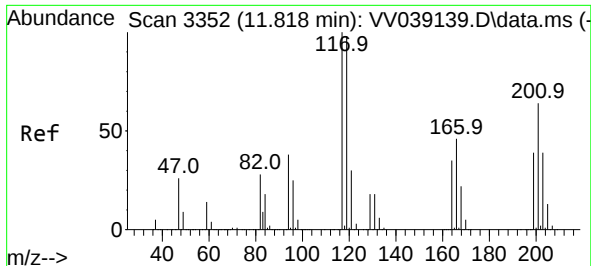
Tgt Ion:146 Resp: 954552  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 20.3 60.8  
 148 62.9 31.4 94.2



#89  
 n-Butylbenzene  
 Concen: 49.707 ug/l  
 RT: 11.580 min Scan# 3278  
 Delta R.T. 0.003 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

Tgt Ion: 91 Resp: 1461115  
 Ion Ratio Lower Upper  
 91 100  
 92 53.0 26.6 79.8  
 134 25.3 12.1 36.3

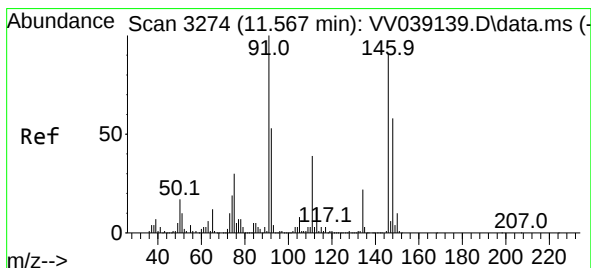
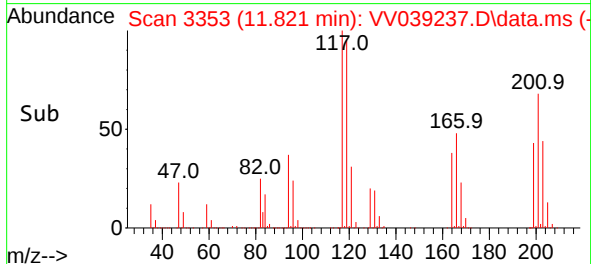
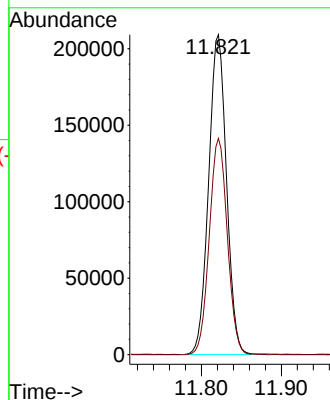
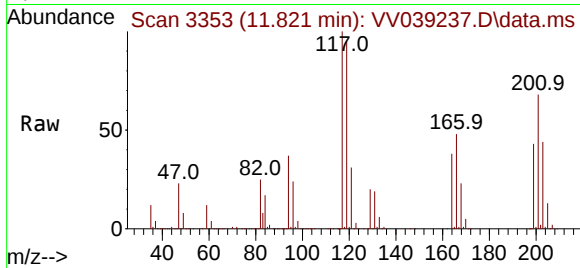




#90  
Hexachloroethane  
Concen: 42.885 ug/l  
RT: 11.821 min Scan# 3117  
Delta R.T. 0.003 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

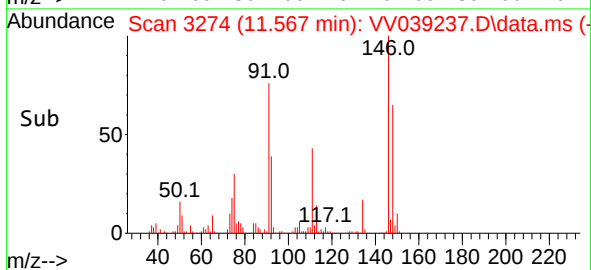
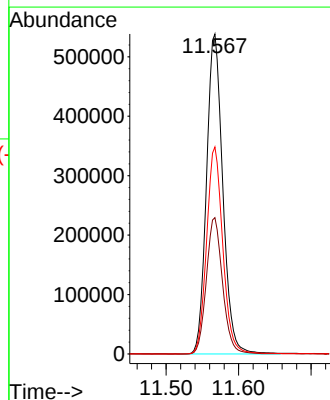
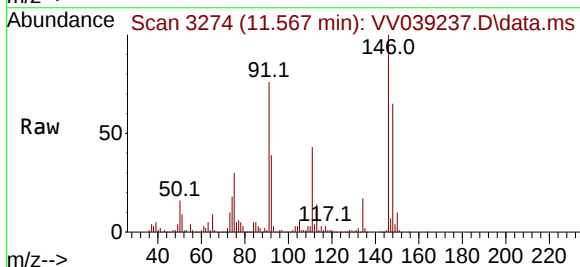
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MSVOA\_V  
ClientSampleId :  
MW-33D-091725MS

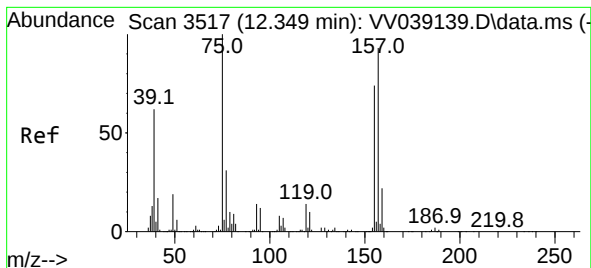
Tgt Ion:117 Resp: 325035  
Ion Ratio Lower Upper  
117 100  
201 68.3 32.3 96.8



#91  
1,2-Dichlorobenzene  
Concen: 50.867 ug/l  
RT: 11.567 min Scan# 3274  
Delta R.T. 0.000 min  
Lab File: VV039237.D  
Acq: 29 Sep 2025 17:15

Tgt Ion:146 Resp: 839410  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.5 64.5  
148 64.4 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.576 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

MW-33D-091725MS

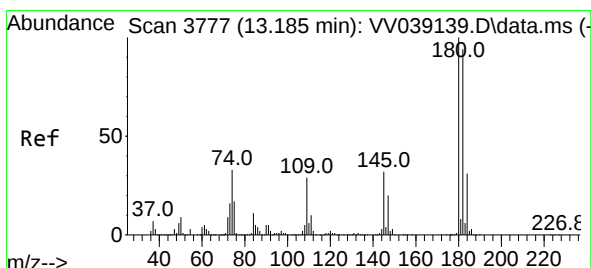
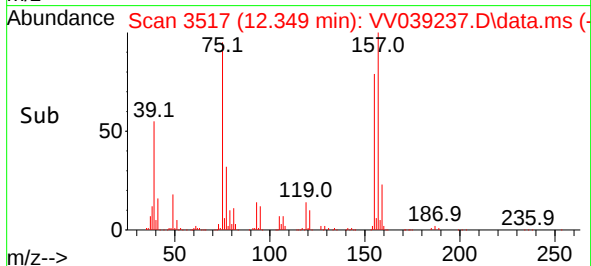
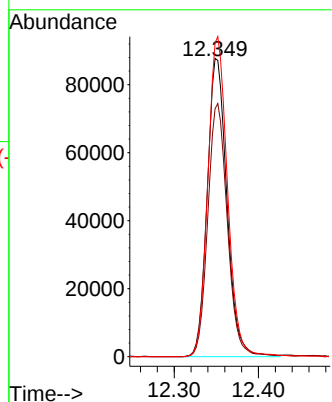
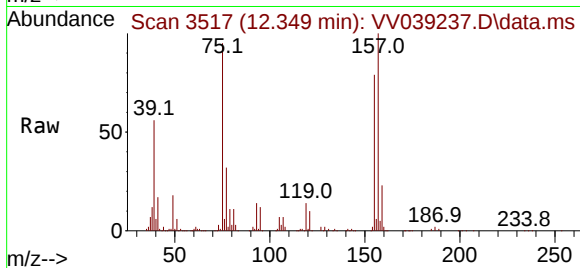
Tgt Ion: 75 Resp: 142548

Ion Ratio Lower Upper

75 100

155 84.4 38.6 115.8

157 107.2 49.5 148.3



#93

1,2,4-Trichlorobenzene

Concen: 52.772 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

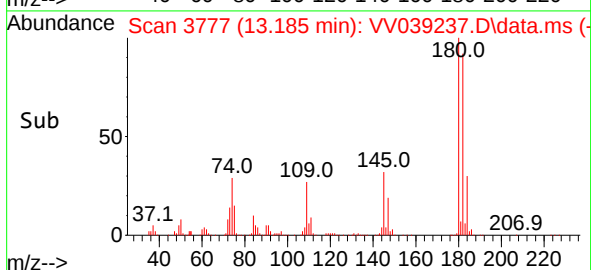
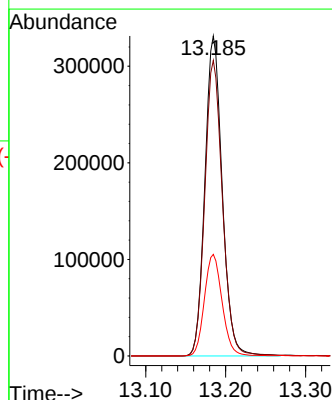
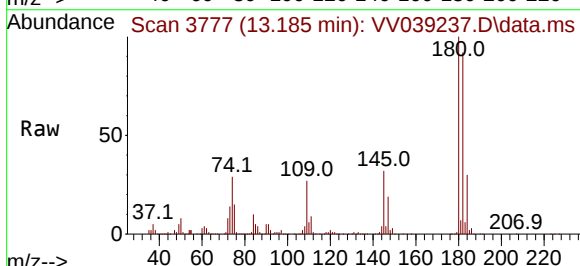
Tgt Ion: 180 Resp: 499193

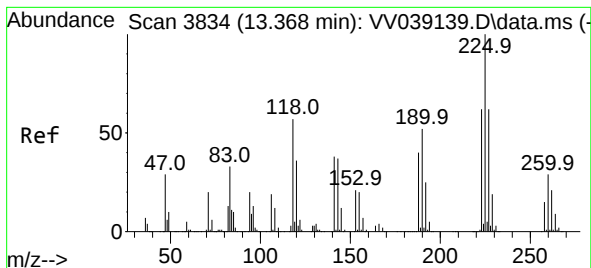
Ion Ratio Lower Upper

180 100

182 94.3 47.1 141.4

145 32.5 16.3 48.8





#94

Hexachlorobutadiene

Concen: 40.785 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

Instrument :

MSVOA\_V

ClientSampleId :

MW-33D-091725MS

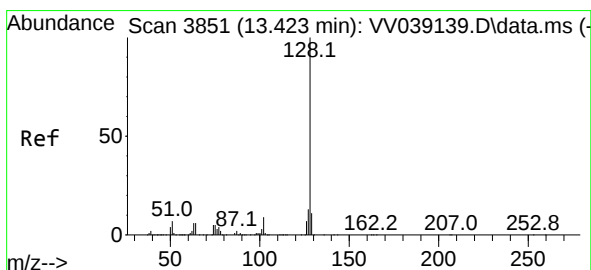
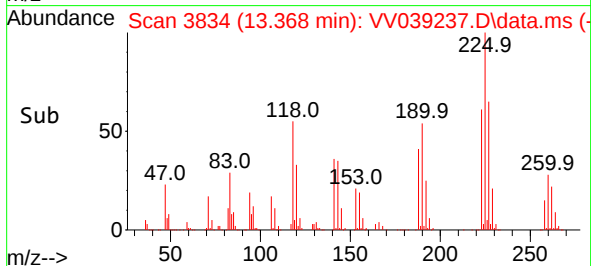
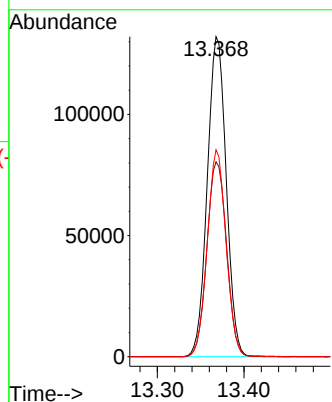
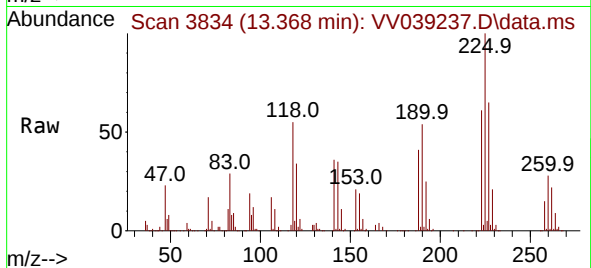
Tgt Ion:225 Resp: 200469

Ion Ratio Lower Upper

225 100

223 63.3 31.6 94.7

227 63.9 31.8 95.4



#95

Naphthalene

Concen: 59.545 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. -0.001 min

Lab File: VV039237.D

Acq: 29 Sep 2025 17:15

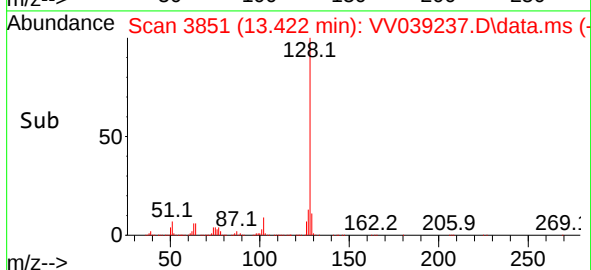
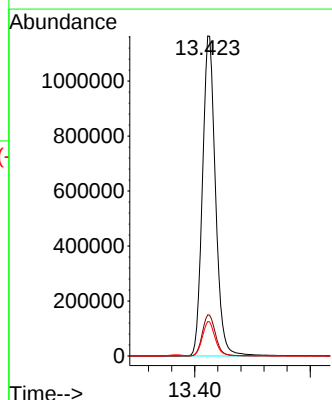
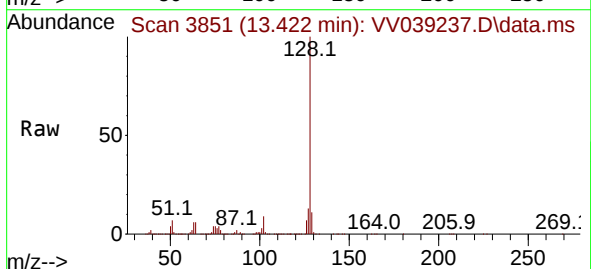
Tgt Ion:128 Resp: 1820572

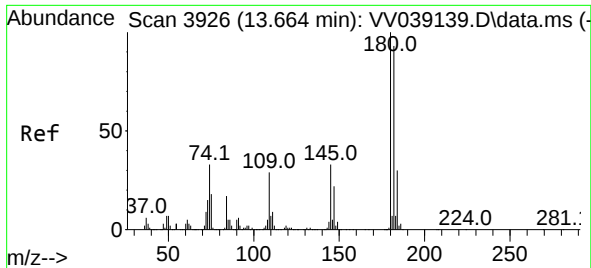
Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

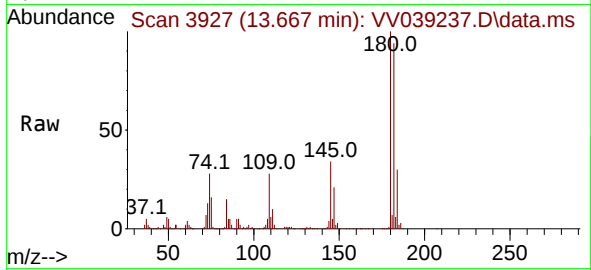
129 10.5 8.6 13.0





#96  
 1,2,3-Trichlorobenzene  
 Concen: 53.435 ug/l  
 RT: 13.667 min Scan# 3927  
 Delta R.T. 0.003 min  
 Lab File: VV039237.D  
 Acq: 29 Sep 2025 17:15

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MW-33D-091725MS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 516977 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.0  | 46.9  | 140.8  |
| 145       | 34.6  | 17.0  | 51.0   |

