

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV062725\  
 Data File : VV038826.D  
 Acq On : 27 Jun 2025 10:01  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jun 28 03:58:43 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V062725W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 28 03:44:11 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units    | Dev(Min) |
|------------------------------|--------|------|----------|---------|----------|----------|
| -----                        |        |      |          |         |          |          |
| Internal Standards           |        |      |          |         |          |          |
| 1) Pentafluorobenzene        | 4.600  | 168  | 505597   | 50.000  | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene      | 5.532  | 114  | 833955   | 50.000  | ug/l     | 0.00     |
| 63) Chlorobenzene-d5         | 8.773  | 117  | 779042   | 50.000  | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.172 | 152  | 438382   | 50.000  | ug/l     | 0.00     |
| System Monitoring Compounds  |        |      |          |         |          |          |
| 33) 1,2-Dichloroethane-d4    | 4.940  | 65   | 309995   | 47.626  | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 95.260%  |          |
| 35) Dibromofluoromethane     | 4.500  | 113  | 267396   | 49.419  | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 98.840%  |          |
| 50) Toluene-d8               | 7.236  | 98   | 916243   | 49.561  | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 99.120%  |          |
| 62) 4-Bromofluorobenzene     | 9.998  | 95   | 355198   | 52.192  | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 104.380% |          |
| Target Compounds             |        |      |          |         |          |          |
|                              |        |      |          |         |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.117  | 85   | 233781   | 48.708  | ug/l     | 100      |
| 3) Chloromethane             | 1.230  | 50   | 282033   | 45.355  | ug/l     | 100      |
| 4) Vinyl Chloride            | 1.294  | 62   | 311548   | 46.955  | ug/l     | 100      |
| 5) Bromomethane              | 1.490  | 94   | 204169   | 55.038  | ug/l     | 100      |
| 6) Chloroethane              | 1.558  | 64   | 201653   | 46.969  | ug/l     | 100      |
| 7) Trichlorofluoromethane    | 1.725  | 101  | 456025   | 46.190  | ug/l     | 100      |
| 8) Diethyl Ether             | 1.915  | 74   | 179469   | 47.580  | ug/l     | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 2.079  | 101  | 278701   | 46.876  | ug/l     | 100      |
| 10) Methyl Iodide            | 2.195  | 142  | 315498   | 48.650  | ug/l     | 100      |
| 11) Tert butyl alcohol       | 2.564  | 59   | 267975   | 241.442 | ug/l     | 100      |
| 12) 1,1-Dichloroethene       | 2.082  | 96   | 264219   | 51.957  | ug/l     | 100      |
| 13) Acrolein                 | 2.008  | 56   | 107509   | 256.517 | ug/l     | 100      |
| 14) Allyl chloride           | 2.359  | 41   | 459643   | 47.665  | ug/l     | 100      |
| 15) Acrylonitrile            | 2.670  | 53   | 968701   | 256.315 | ug/l     | 100      |
| 16) Acetone                  | 2.114  | 43   | 737081   | 251.806 | ug/l     | 100      |
| 17) Carbon Disulfide         | 2.252  | 76   | 668575   | 51.650  | ug/l     | 100      |
| 18) Methyl Acetate           | 2.378  | 43   | 478440   | 51.012  | ug/l     | 100      |
| 19) Methyl tert-butyl Ether  | 2.706  | 73   | 922442   | 51.186  | ug/l     | 100      |
| 20) Methylene Chloride       | 2.455  | 84   | 309685   | 45.454  | ug/l     | 100      |
| 21) trans-1,2-Dichloroethene | 2.703  | 96   | 275539   | 46.492  | ug/l     | 100      |
| 22) Diisopropyl ether        | 3.211  | 45   | 1034813  | 53.027  | ug/l     | 100      |
| 23) Vinyl Acetate            | 3.185  | 43   | 4207759  | 271.430 | ug/l     | 100      |
| 24) 1,1-Dichloroethane       | 3.117  | 63   | 559310   | 47.790  | ug/l     | 100      |
| 25) 2-Butanone               | 3.857  | 43   | 1219837  | 278.618 | ug/l     | 100      |
| 26) 2,2-Dichloropropane      | 3.809  | 77   | 465358   | 47.209  | ug/l     | 100      |
| 27) cis-1,2-Dichloroethene   | 3.818  | 96   | 330860   | 48.165  | ug/l     | 100      |
| 28) Bromochloromethane       | 4.143  | 49   | 250873   | 45.930  | ug/l     | 100      |
| 29) Tetrahydrofuran          | 4.227  | 42   | 821177   | 257.663 | ug/l     | 100      |
| 30) Chloroform               | 4.278  | 83   | 569223   | 47.332  | ug/l     | 100      |
| 31) Cyclohexane              | 4.587  | 56   | 439023   | 48.247  | ug/l     | 100      |
| 32) 1,1,1-Trichloroethane    | 4.513  | 97   | 484920   | 46.902  | ug/l     | 100      |
| 36) 1,1-Dichloropropene      | 4.744  | 75   | 369218   | 46.576  | ug/l     | 100      |
| 37) Ethyl Acetate            | 3.966  | 43   | 483468   | 45.436  | ug/l     | 100      |
| 38) Carbon Tetrachloride     | 4.735  | 117  | 413281   | 48.983  | ug/l     | 100      |
| 39) Methylcyclohexane        | 6.047  | 83   | 453474   | 50.982  | ug/l     | 100      |
| 40) Benzene                  | 5.008  | 78   | 1173798  | 50.048  | ug/l     | 100      |

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 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Jun 28 03:58:43 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V062725W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 28 03:44:11 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 41) Methacrylonitrile         | 4.153  | 41   | 222144   | 49.200  | ug/l  | 100      |
| 42) 1,2-Dichloroethane        | 5.037  | 62   | 408751   | 48.319  | ug/l  | 100      |
| 43) Isopropyl Acetate         | 5.188  | 43   | 728043   | 56.287  | ug/l  | 100      |
| 44) Trichloroethene           | 5.831  | 130  | 283958   | 50.448  | ug/l  | 100      |
| 45) 1,2-Dichloropropane       | 6.088  | 63   | 317757   | 51.534  | ug/l  | 100      |
| 46) Dibromomethane            | 6.223  | 93   | 222352   | 49.159  | ug/l  | 100      |
| 47) Bromodichloromethane      | 6.426  | 83   | 454953   | 49.806  | ug/l  | 100      |
| 48) Methyl methacrylate       | 6.294  | 41   | 340029   | 55.467  | ug/l  | 100      |
| 49) 1,4-Dioxane               | 6.284  | 88   | 85364    | 865.047 | ug/l  | 100      |
| 51) 4-Methyl-2-Pentanone      | 7.143  | 43   | 2641715  | 277.405 | ug/l  | 100      |
| 52) Toluene                   | 7.307  | 92   | 733037   | 51.271  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene     | 7.574  | 75   | 457080   | 52.488  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene   | 6.947  | 75   | 501439   | 52.058  | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane     | 7.760  | 97   | 308286   | 49.972  | ug/l  | 100      |
| 56) Ethyl methacrylate        | 7.712  | 69   | 470715   | 56.008  | ug/l  | 100      |
| 57) 1,3-Dichloropropane       | 7.934  | 76   | 525207   | 51.736  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether | 6.809  | 63   | 1273481  | 233.577 | ug/l  | 100      |
| 59) 2-Hexanone                | 8.063  | 43   | 1942473  | 289.577 | ug/l  | 100      |
| 60) Dibromochloromethane      | 8.165  | 129  | 357089   | 49.925  | ug/l  | 100      |
| 61) 1,2-Dibromoethane         | 8.272  | 107  | 322247   | 50.607  | ug/l  | 100      |
| 64) Tetrachloroethene         | 7.895  | 164  | 263390   | 48.444  | ug/l  | 100      |
| 65) Chlorobenzene             | 8.805  | 112  | 838734   | 49.234  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 8.899  | 131  | 290629   | 48.245  | ug/l  | 100      |
| 67) Ethyl Benzene             | 8.937  | 91   | 1401569  | 52.275  | ug/l  | 100      |
| 68) m/p-Xylenes               | 9.063  | 106  | 1104933  | 109.420 | ug/l  | 100      |
| 69) o-Xylene                  | 9.468  | 106  | 509329   | 53.920  | ug/l  | 100      |
| 70) Styrene                   | 9.484  | 104  | 918096   | 57.555  | ug/l  | 100      |
| 71) Bromoform                 | 9.654  | 173  | 245414   | 50.563  | ug/l  | 100      |
| 73) Isopropylbenzene          | 9.853  | 105  | 1412412  | 52.844  | ug/l  | 100      |
| 74) N-amyl acetate            | 9.725  | 43   | 626804   | 53.786  | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 10.165 | 83   | 523274   | 47.020  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane    | 10.198 | 75   | 419227   | 49.749  | ug/l  | 100      |
| 77) Bromobenzene              | 10.140 | 156  | 337805   | 50.129  | ug/l  | 100      |
| 78) n-propylbenzene           | 10.278 | 91   | 1740302  | 53.840  | ug/l  | 100      |
| 79) 2-Chlorotoluene           | 10.345 | 91   | 994507   | 51.712  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene    | 10.464 | 105  | 1204473  | 54.231  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-b... | 9.927  | 75   | 187215   | 51.449  | ug/l  | 100      |
| 82) 4-Chlorotoluene           | 10.461 | 91   | 1165492  | 52.564  | ug/l  | 100      |
| 83) tert-Butylbenzene         | 10.789 | 119  | 1159746  | 52.366  | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene    | 10.837 | 105  | 1192059  | 55.351  | ug/l  | 100      |
| 85) sec-Butylbenzene          | 11.011 | 105  | 1575050  | 53.920  | ug/l  | 100      |
| 86) p-Isopropyltoluene        | 11.165 | 119  | 1327964  | 53.208  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene       | 11.104 | 146  | 673396   | 49.095  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene       | 11.194 | 146  | 683728   | 46.021  | ug/l  | 100      |
| 89) n-Butylbenzene            | 11.577 | 91   | 1286690  | 53.229  | ug/l  | 100      |
| 90) Hexachloroethane          | 11.821 | 117  | 261762   | 47.640  | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene       | 11.567 | 146  | 636273   | 47.850  | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.349 | 75   | 116158   | 49.233  | ug/l  | 100      |
| 93) 1,2,4-Trichlorobenzene    | 13.185 | 180  | 405704   | 51.715  | ug/l  | 100      |
| 94) Hexachlorobutadiene       | 13.368 | 225  | 179744   | 47.113  | ug/l  | 100      |
| 95) Naphthalene               | 13.422 | 128  | 1453766  | 47.020  | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.664 | 180  | 417674   | 51.827  | ug/l  | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV062725\  
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Acq On : 27 Jun 2025 10:01  
Operator : SY/MD  
Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 5 Sample Multiplier: 1

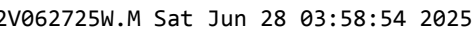
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

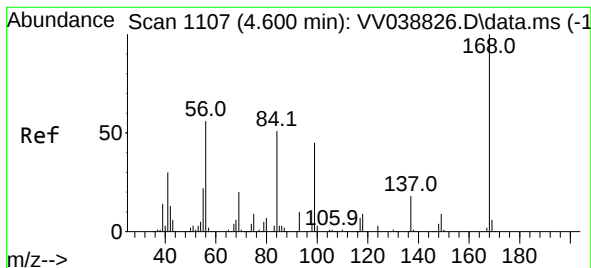
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V062725W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 28 03:44:11 2025  
Response via : Initial Calibration

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

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

Quant Time: Jun 28 03:58:43 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\82V062725W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 28 03:44:11 2025  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

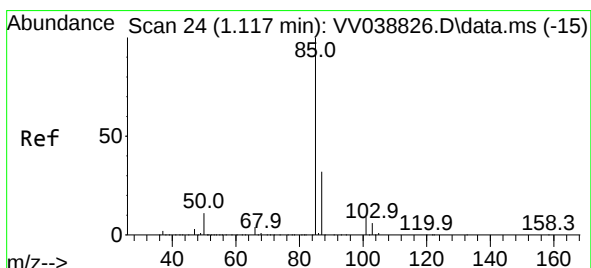
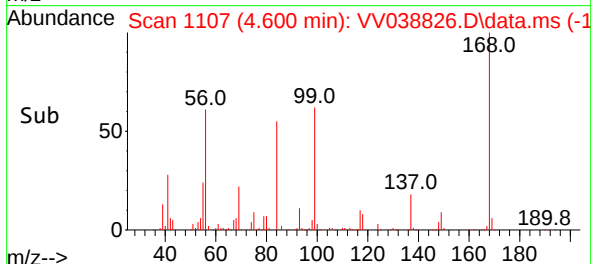
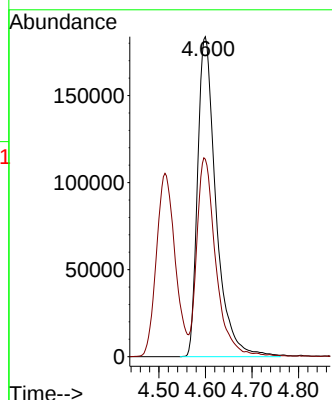
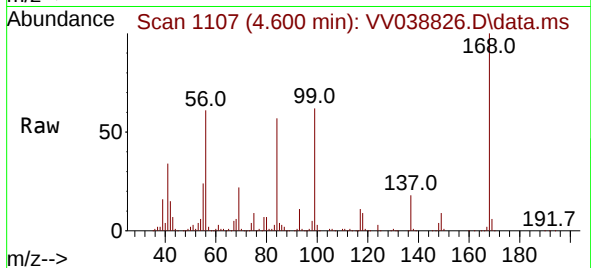
VSTDICCC050

Tgt Ion:168 Resp: 505597

Ion Ratio Lower Upper

168 100

99 61.3 49.0 73.6



#2

Dichlorodifluoromethane

Concen: 48.708 ug/l

RT: 1.117 min Scan# 24

Delta R.T. 0.000 min

Lab File: VV038826.D

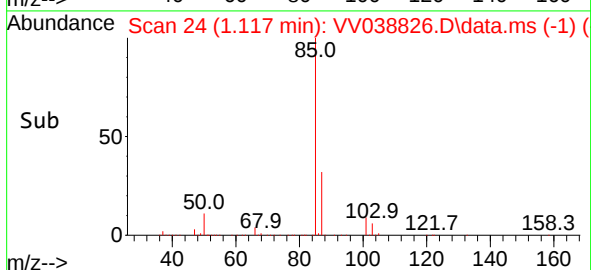
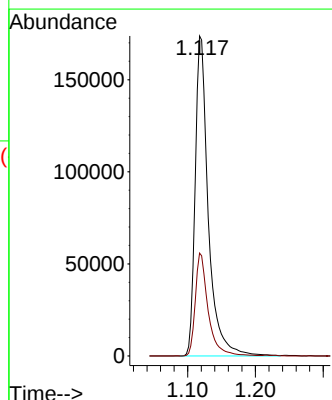
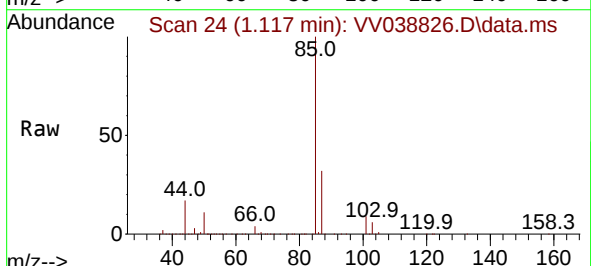
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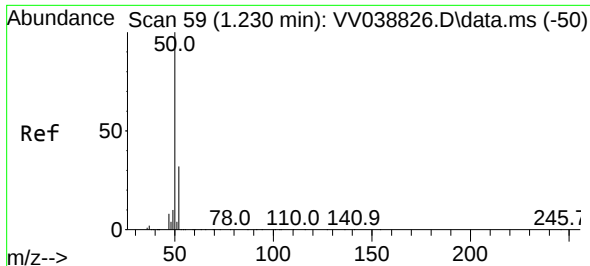
Tgt Ion: 85 Resp: 233781

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3

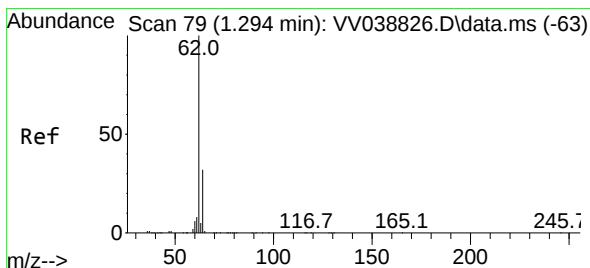
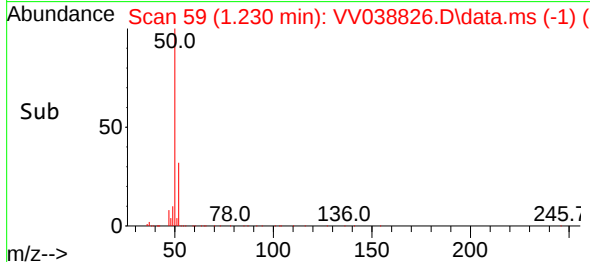
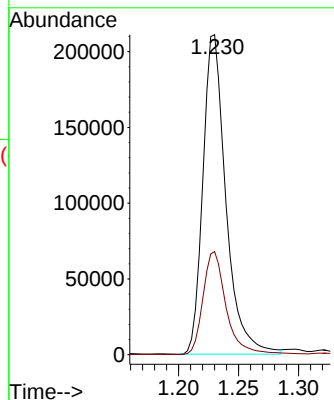
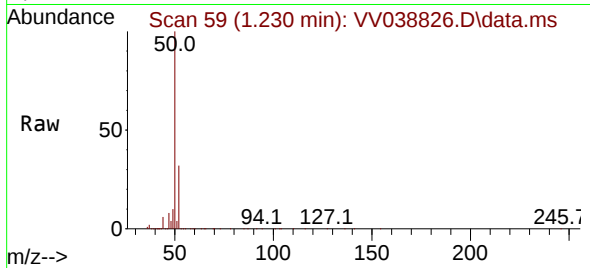




#3  
Chloromethane  
Concen: 45.355 ug/l  
RT: 1.230 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

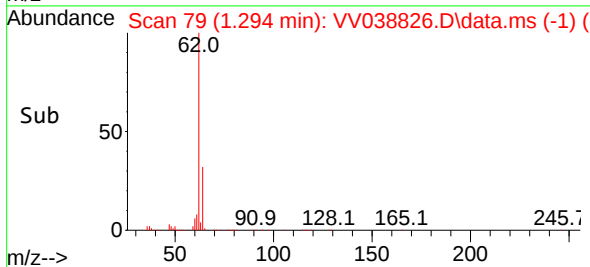
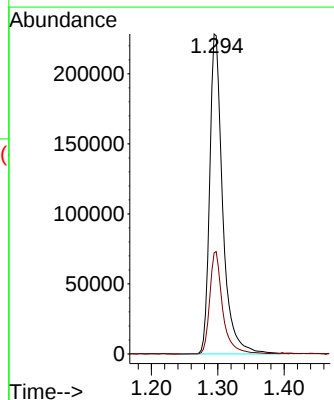
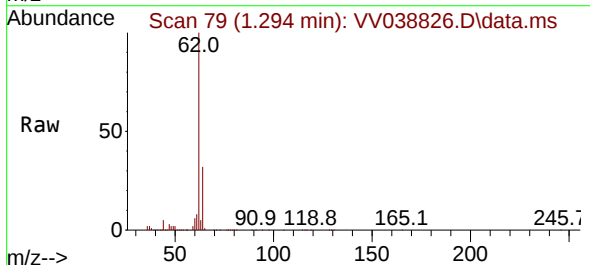
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

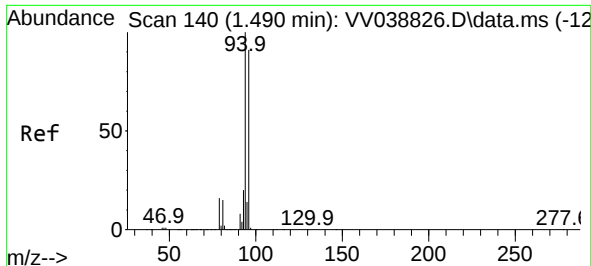
Tgt Ion: 50 Resp: 282033  
Ion Ratio Lower Upper  
50 100  
52 32.2 25.8 38.6



#4  
Vinyl Chloride  
Concen: 46.955 ug/l  
RT: 1.294 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 62 Resp: 311548  
Ion Ratio Lower Upper  
62 100  
64 31.6 25.3 37.9

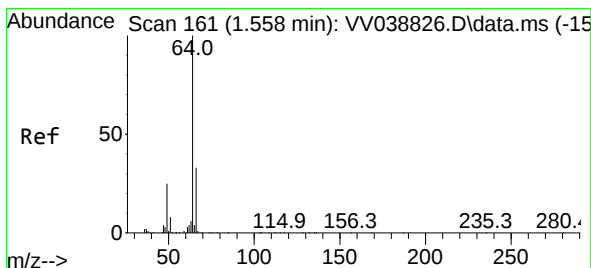
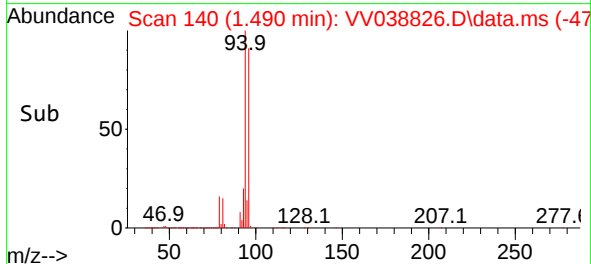
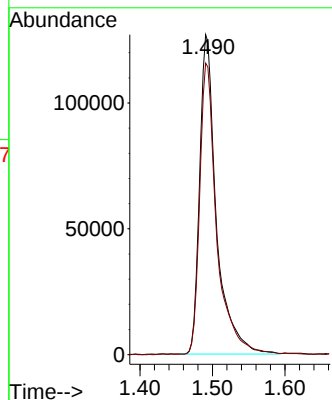
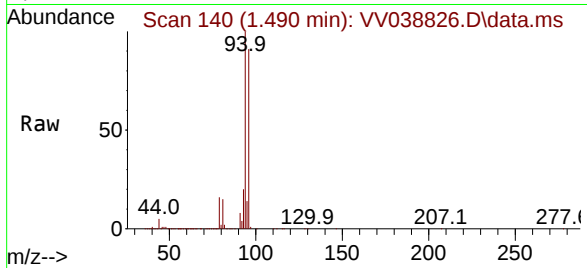




#5  
Bromomethane  
Concen: 55.038 ug/l  
RT: 1.490 min Scan# 140  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

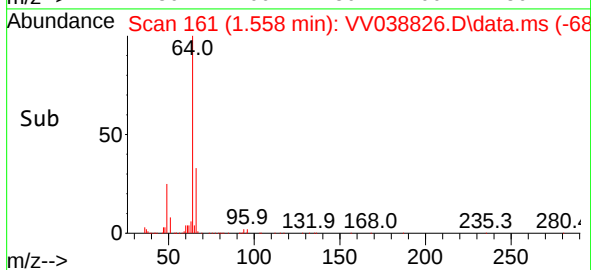
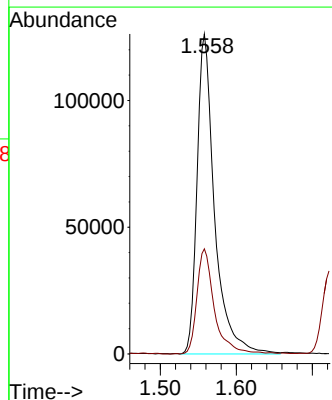
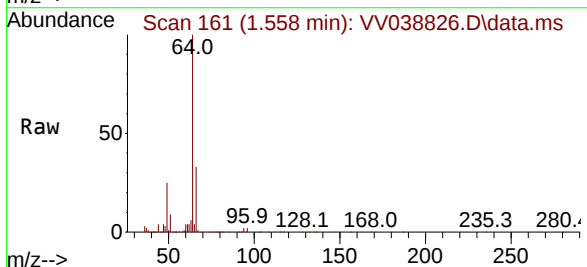
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

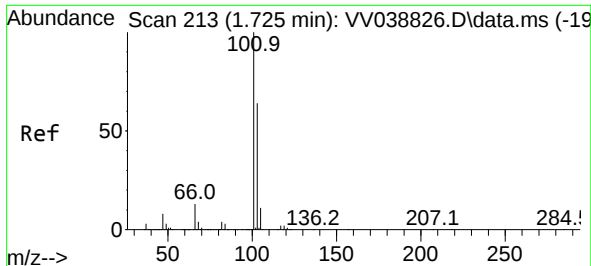
Tgt Ion: 94 Resp: 204169  
Ion Ratio Lower Upper  
94 100  
96 91.1 72.9 109.3



#6  
Chloroethane  
Concen: 46.969 ug/l  
RT: 1.558 min Scan# 161  
Delta R.T. -0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 64 Resp: 201653  
Ion Ratio Lower Upper  
64 100  
66 32.9 26.3 39.5

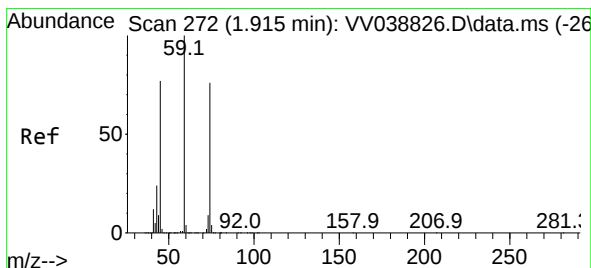
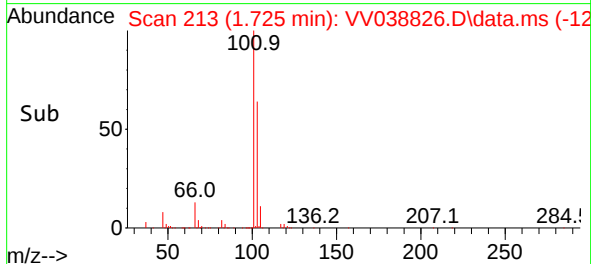
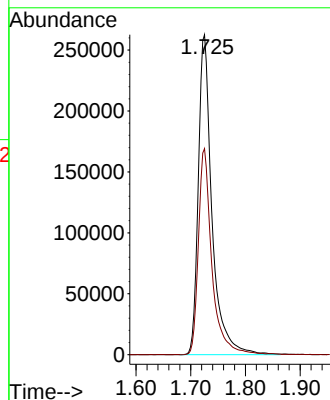
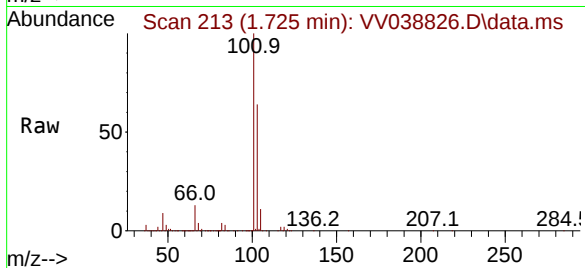




#7  
 Trichlorofluoromethane  
 Concen: 46.190 ug/l  
 RT: 1.725 min Scan# 213  
 Delta R.T. 0.000 min  
 Lab File: VV038826.D  
 Acq: 27 Jun 2025 10:01

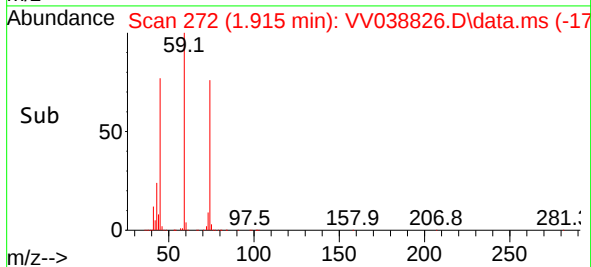
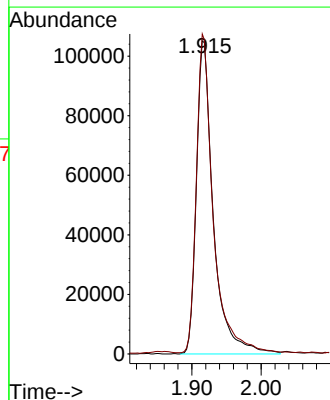
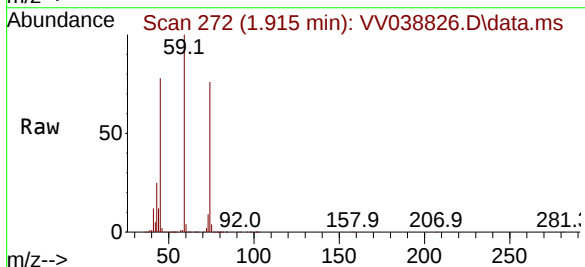
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICCC050

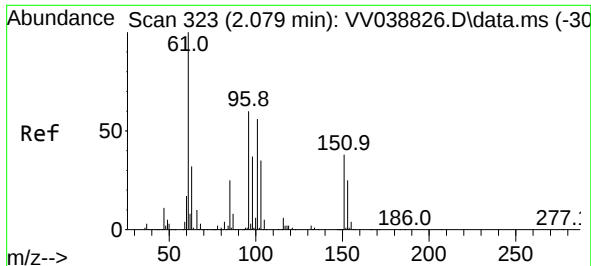
Tgt Ion:101 Resp: 456025  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 47.580 ug/l  
 RT: 1.915 min Scan# 272  
 Delta R.T. 0.000 min  
 Lab File: VV038826.D  
 Acq: 27 Jun 2025 10:01

Tgt Ion: 74 Resp: 179469  
 Ion Ratio Lower Upper  
 74 100  
 45 100.4 50.2 150.6

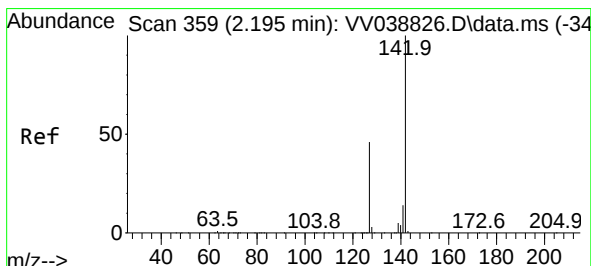
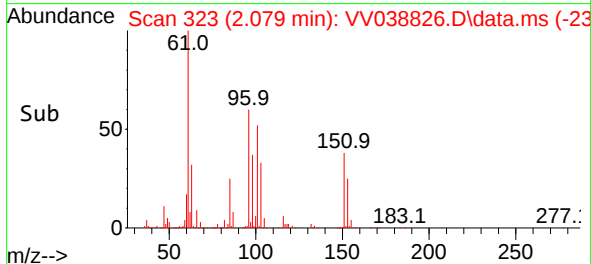
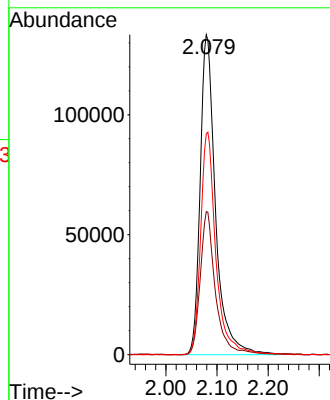
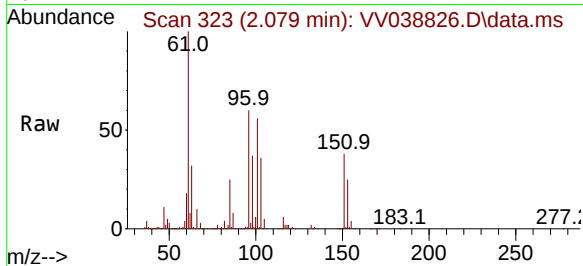




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.876 ug/l  
RT: 2.079 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

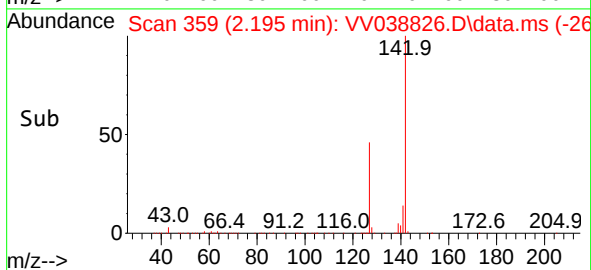
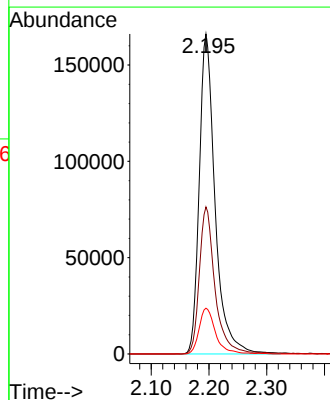
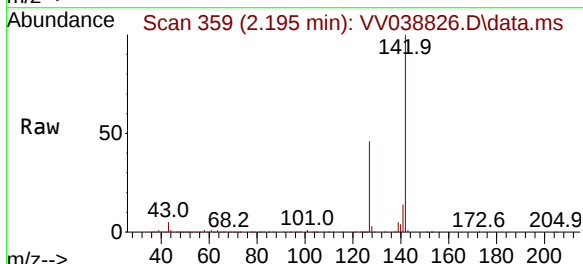
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

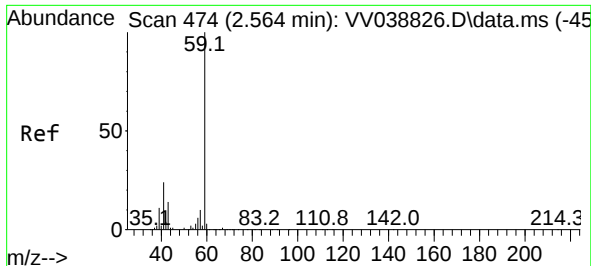
Tgt Ion:101 Resp: 278701  
Ion Ratio Lower Upper  
101 100  
85 44.4 35.5 53.3  
151 69.3 55.4 83.2



#10  
Methyl Iodide  
Concen: 48.650 ug/l  
RT: 2.195 min Scan# 359  
Delta R.T. -0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion:142 Resp: 315498  
Ion Ratio Lower Upper  
142 100  
127 45.5 36.4 54.6  
141 14.9 11.9 17.9

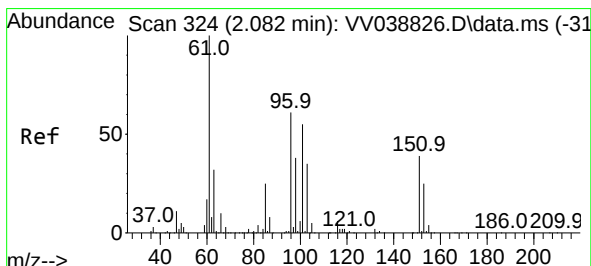
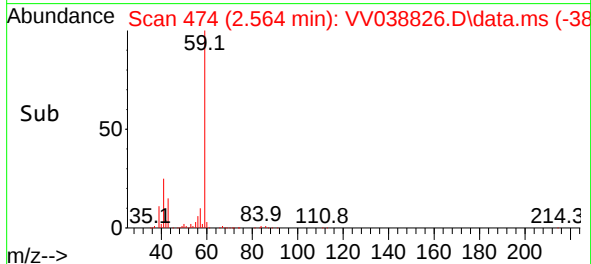
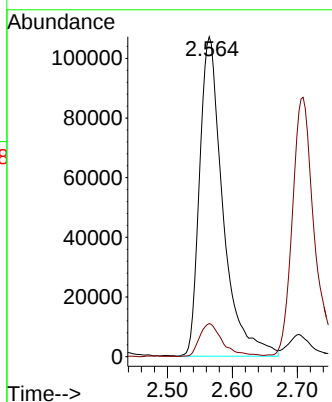
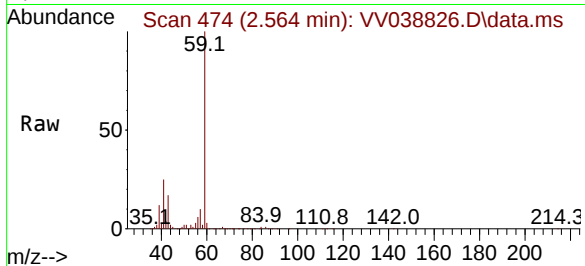




#11  
Tert butyl alcohol  
Concen: 241.442 ug/l  
RT: 2.564 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

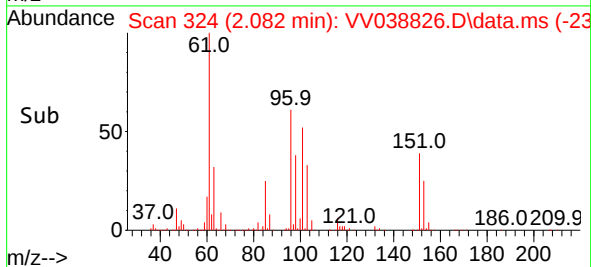
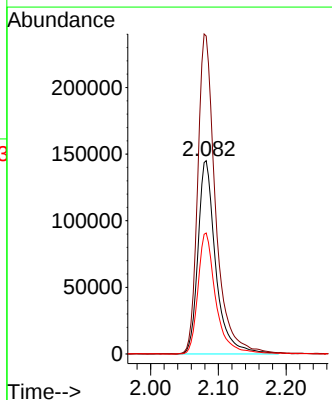
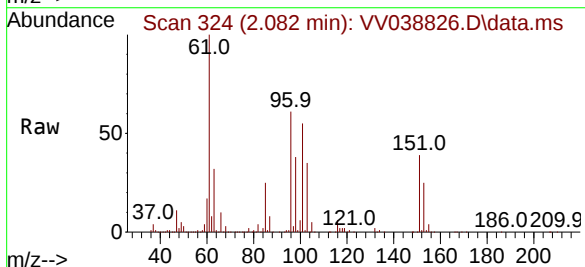
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

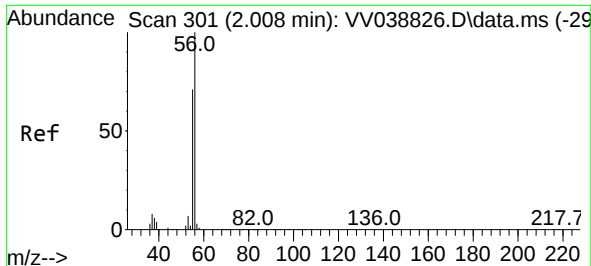
Tgt Ion: 59 Resp: 267975  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 51.957 ug/l  
RT: 2.082 min Scan# 324  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 96 Resp: 264219  
Ion Ratio Lower Upper  
96 100  
61 164.4 131.5 197.3  
98 62.5 50.0 75.0

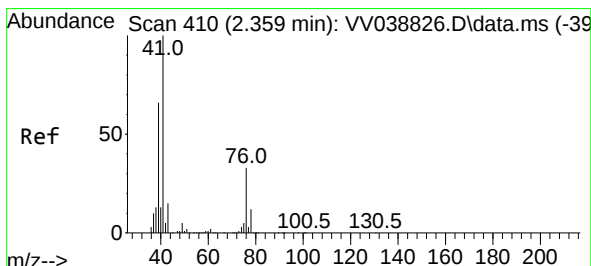
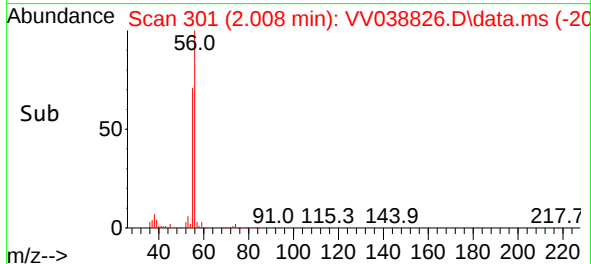
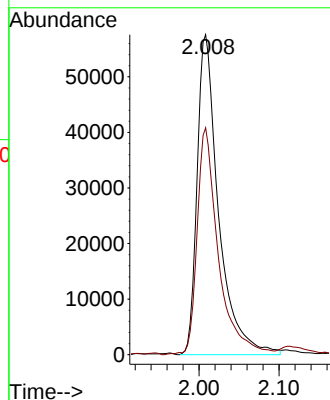
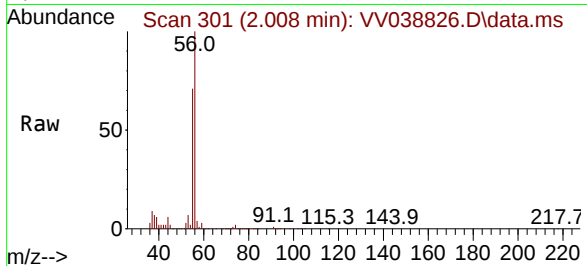




#13  
Acrolein  
Concen: 256.517 ug/l  
RT: 2.008 min Scan# 301  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

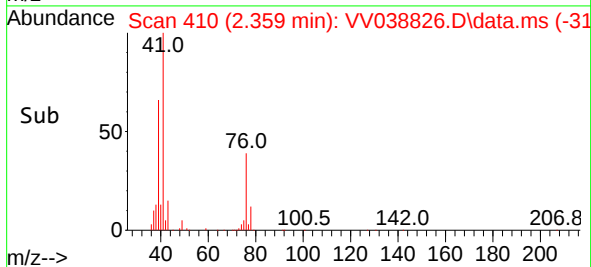
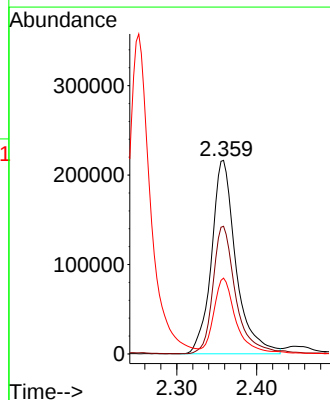
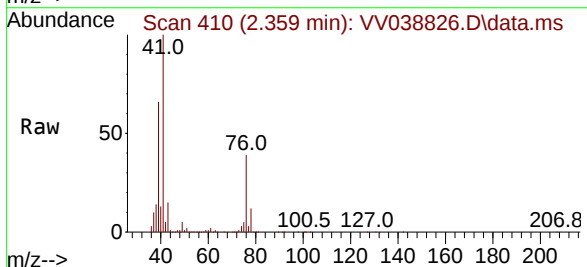
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

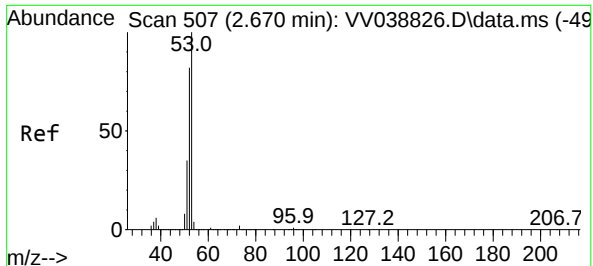
Tgt Ion: 56 Resp: 107509  
Ion Ratio Lower Upper  
56 100  
55 70.0 56.0 84.0



#14  
Allyl chloride  
Concen: 47.665 ug/l  
RT: 2.359 min Scan# 410  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 41 Resp: 459643  
Ion Ratio Lower Upper  
41 100  
39 61.7 49.4 74.0  
76 36.0 28.8 43.2

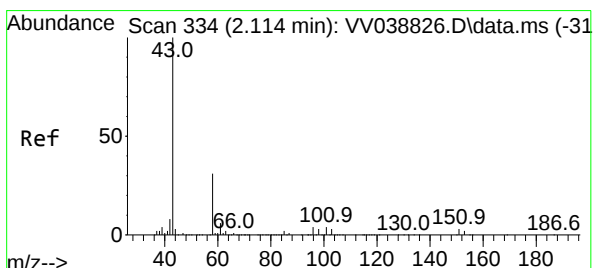
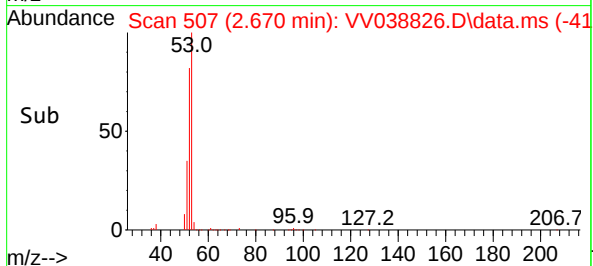
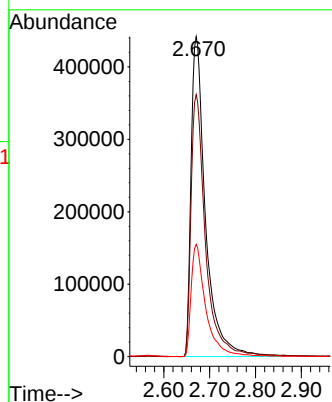
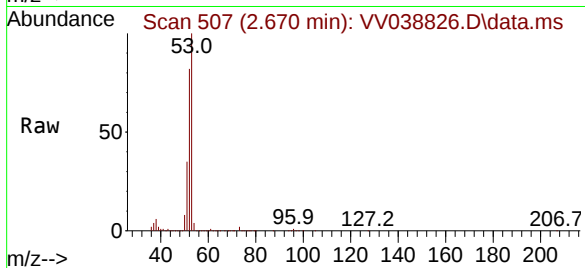




#15  
Acrylonitrile  
Concen: 256.315 ug/l  
RT: 2.670 min Scan# 507  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

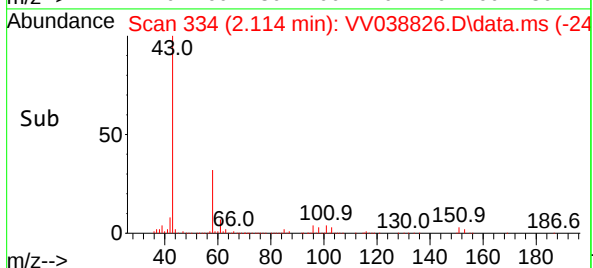
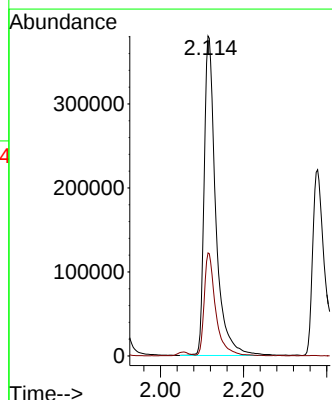
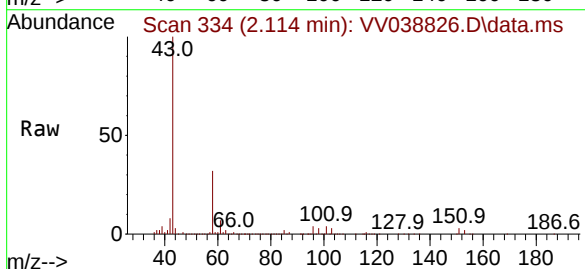
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

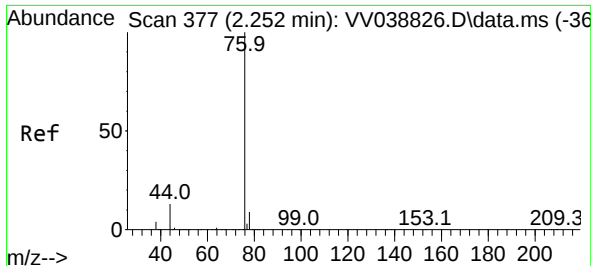
Tgt Ion: 53 Resp: 968701  
Ion Ratio Lower Upper  
53 100  
52 81.9 65.5 98.3  
51 35.4 28.3 42.5



#16  
Acetone  
Concen: 251.806 ug/l  
RT: 2.114 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 43 Resp: 737081  
Ion Ratio Lower Upper  
43 100  
58 32.1 25.7 38.5

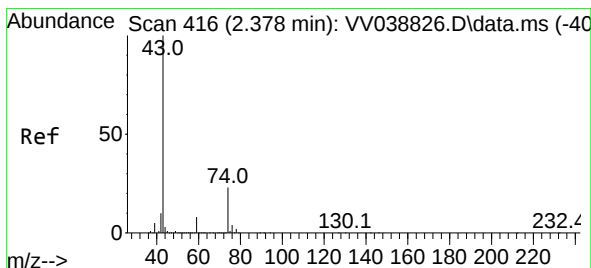
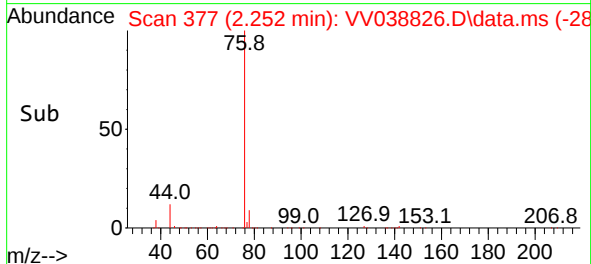
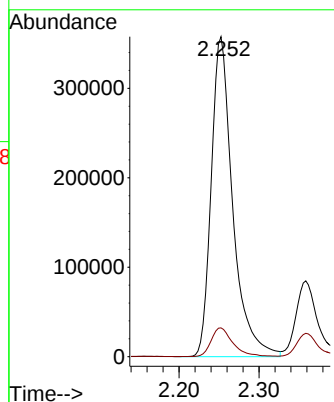
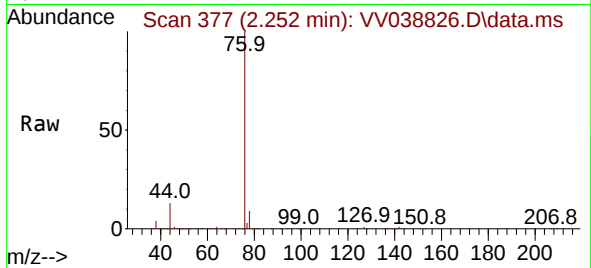




#17  
Carbon Disulfide  
Concen: 51.650 ug/l  
RT: 2.252 min Scan# 317  
Delta R.T. 0.001 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

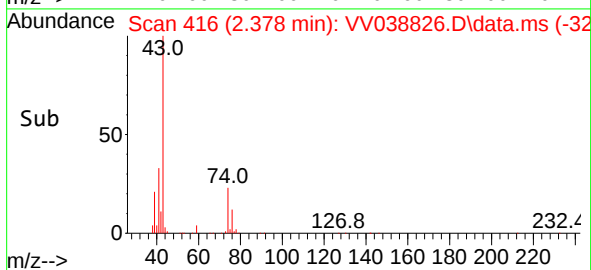
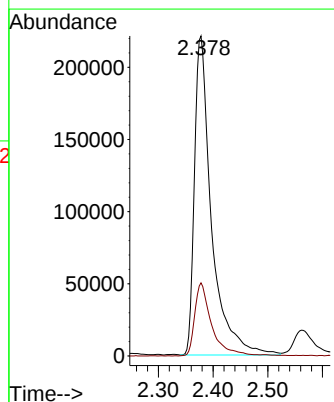
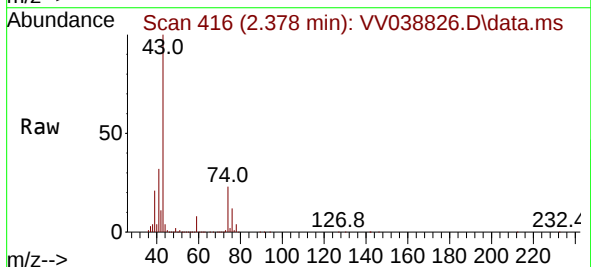
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

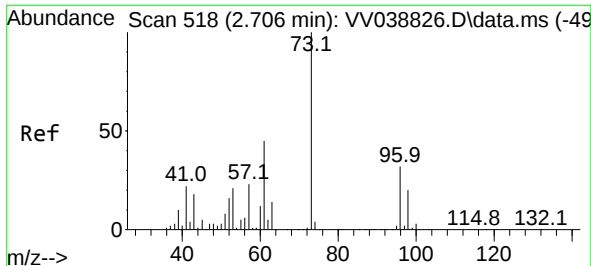
Tgt Ion: 76 Resp: 668575  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.1 10.7



#18  
Methyl Acetate  
Concen: 51.012 ug/l  
RT: 2.378 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 43 Resp: 478440  
Ion Ratio Lower Upper  
43 100  
74 22.7 18.2 27.2

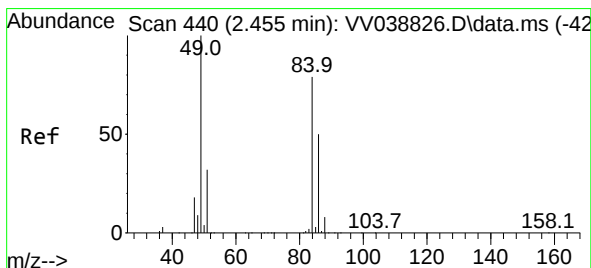
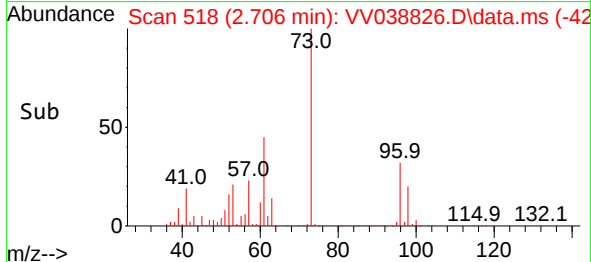
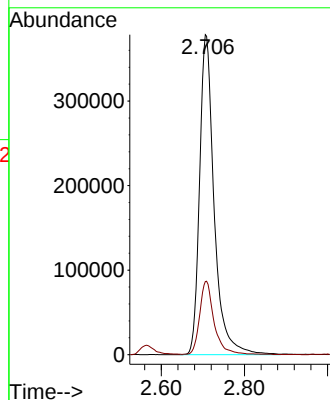
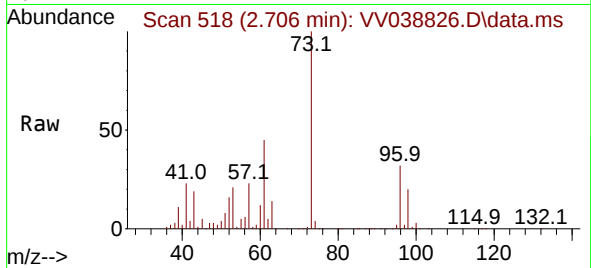




#19  
Methyl tert-butyl Ether  
Concen: 51.186 ug/l  
RT: 2.706 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

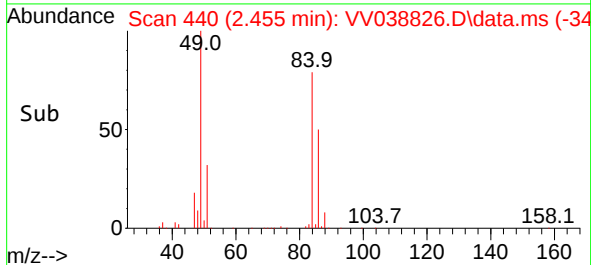
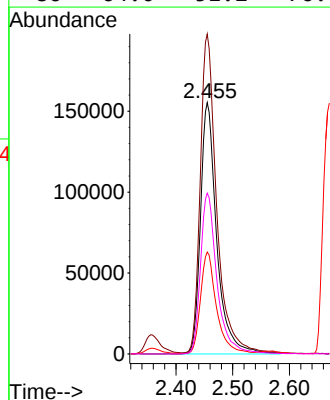
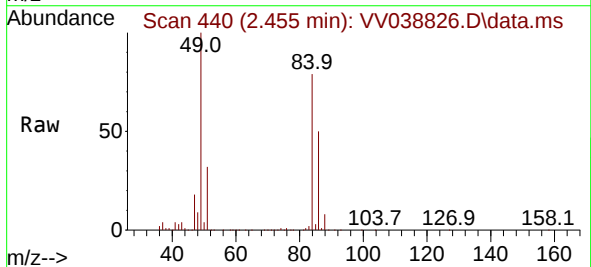
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

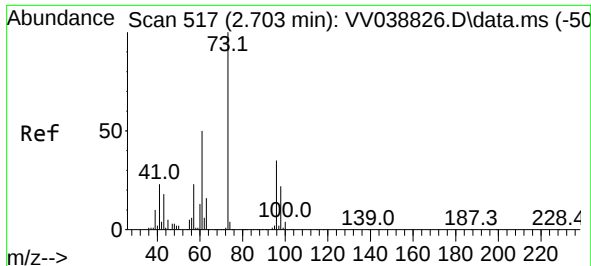
Tgt Ion: 73 Resp: 922442  
Ion Ratio Lower Upper  
73 100  
57 22.8 18.2 27.4



#20  
Methylene Chloride  
Concen: 45.454 ug/l  
RT: 2.455 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 84 Resp: 309685  
Ion Ratio Lower Upper  
84 100  
49 126.8 101.4 152.2  
51 40.4 32.3 48.5  
86 64.0 51.2 76.8

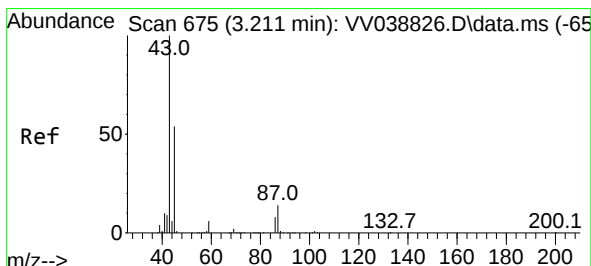
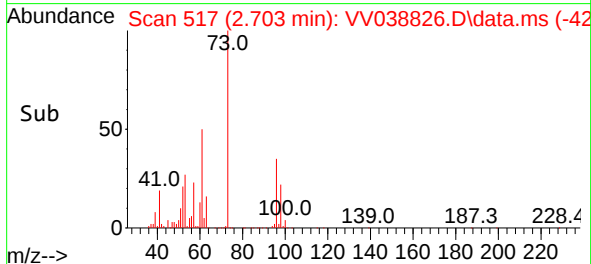
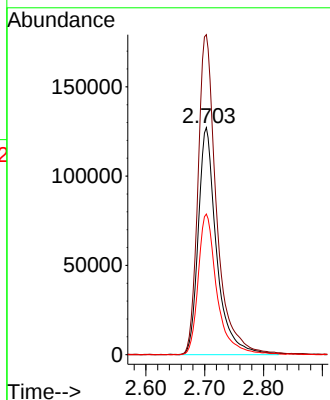
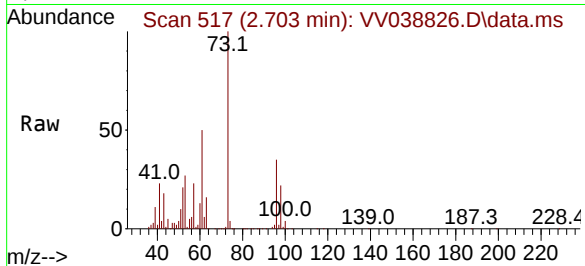




#21  
trans-1,2-Dichloroethene  
Concen: 46.492 ug/l  
RT: 2.703 min Scan# 517  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

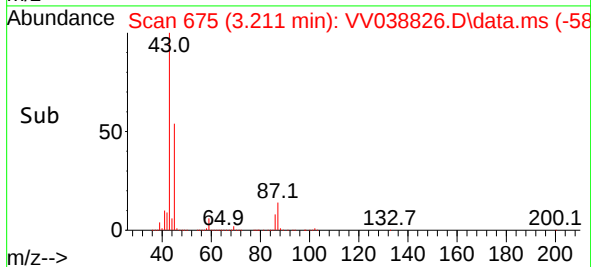
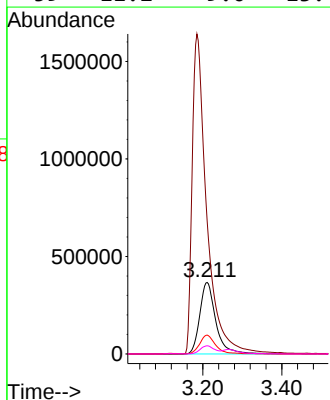
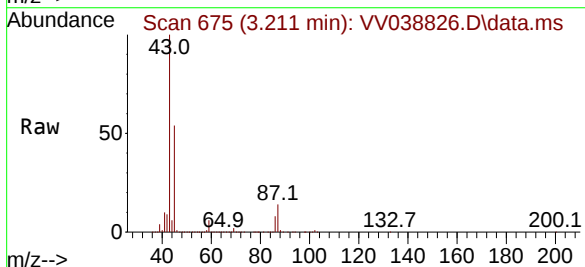
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

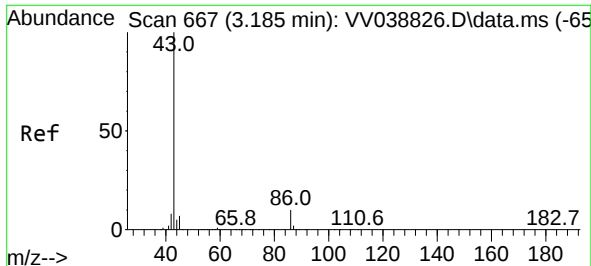
Tgt Ion: 96 Resp: 275539  
Ion Ratio Lower Upper  
96 100  
61 140.8 112.6 169.0  
98 62.0 49.6 74.4



#22  
Diisopropyl ether  
Concen: 53.027 ug/l  
RT: 3.211 min Scan# 675  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 45 Resp: 1034813  
Ion Ratio Lower Upper  
45 100  
43 185.9 148.7 223.1  
87 26.2 21.0 31.4  
59 11.2 9.0 13.4

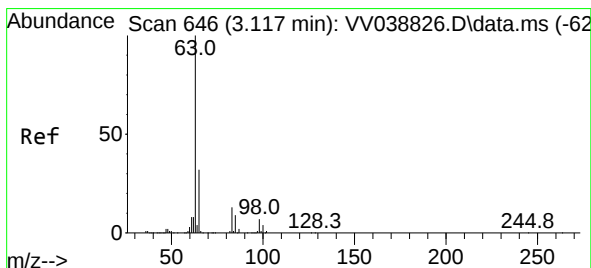
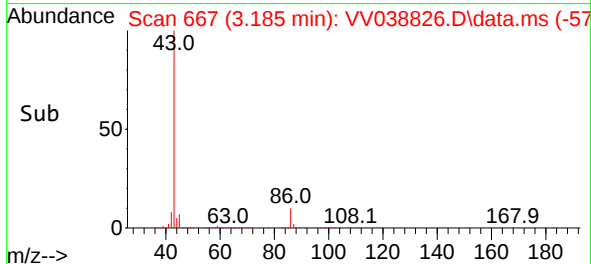
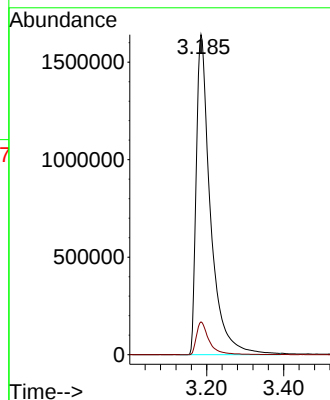
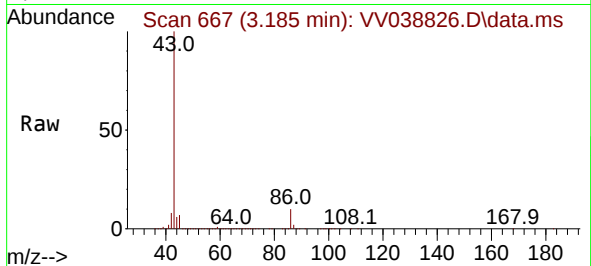




#23  
 Vinyl Acetate  
 Concen: 271.430 ug/l  
 RT: 3.185 min Scan# 667  
 Delta R.T. 0.000 min  
 Lab File: VV038826.D  
 Acq: 27 Jun 2025 10:01

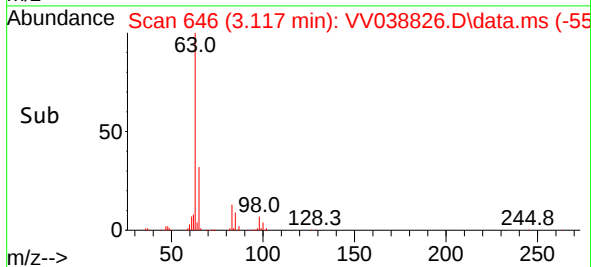
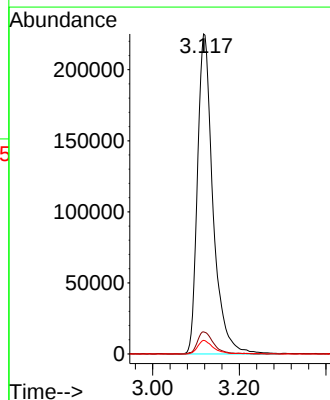
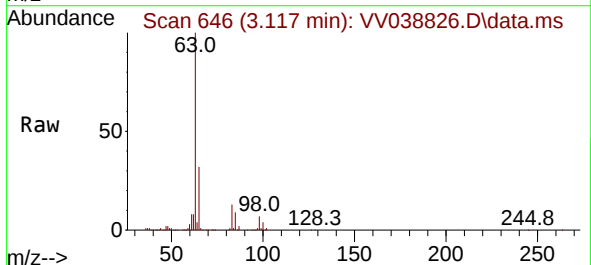
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICCC050

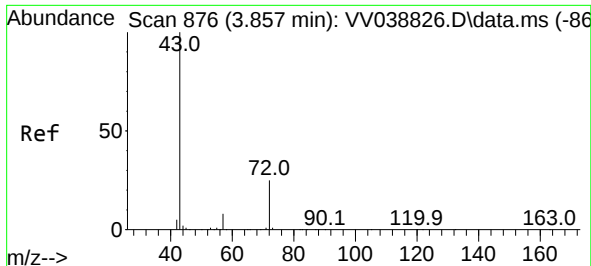
Tgt Ion: 43 Resp: 4207759  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 8.2 12.2



#24  
 1,1-Dichloroethane  
 Concen: 47.790 ug/l  
 RT: 3.117 min Scan# 646  
 Delta R.T. 0.000 min  
 Lab File: VV038826.D  
 Acq: 27 Jun 2025 10:01

Tgt Ion: 63 Resp: 559310  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.4  
 100 4.3 2.1 6.5

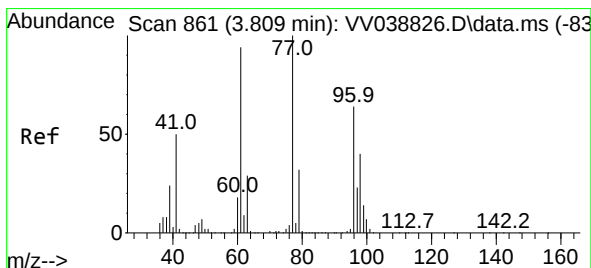
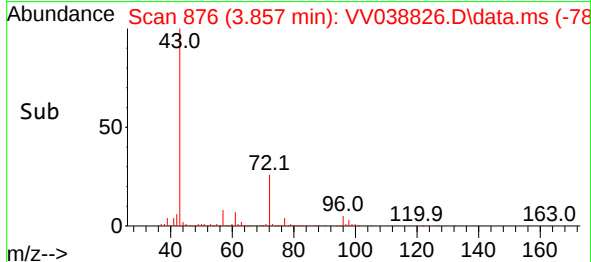
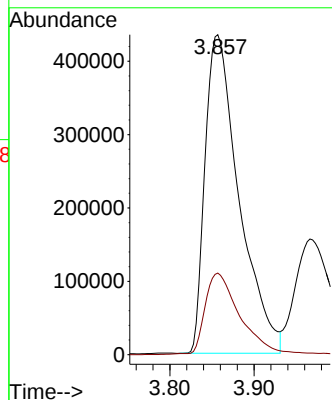
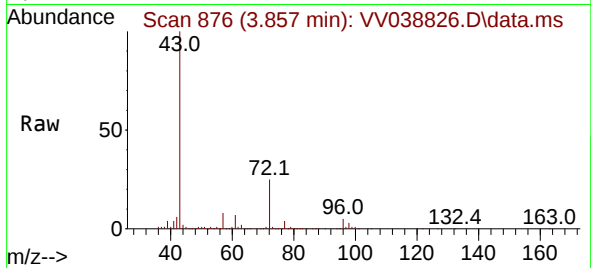




#25  
2-Butanone  
Concen: 278.618 ug/l  
RT: 3.857 min Scan# 876  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

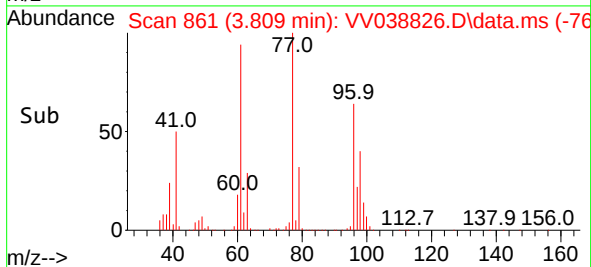
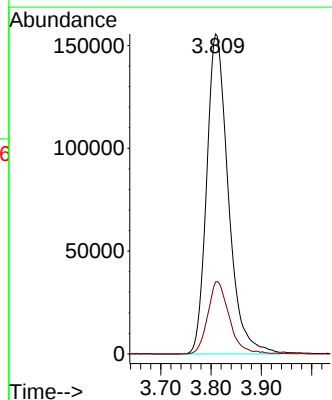
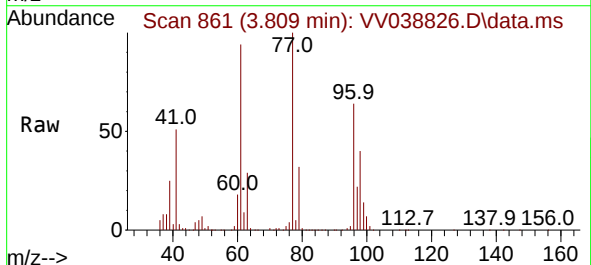
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

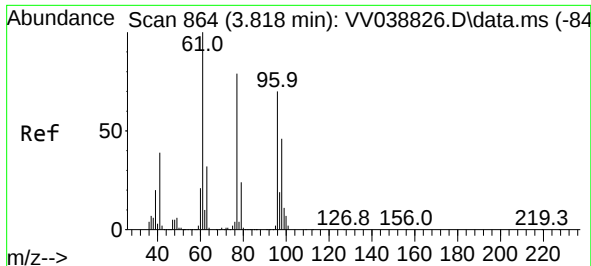
Tgt Ion: 43 Resp: 1219837  
Ion Ratio Lower Upper  
43 100  
72 25.3 20.2 30.4



#26  
2,2-Dichloropropane  
Concen: 47.209 ug/l  
RT: 3.809 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 77 Resp: 465358  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.1 33.1

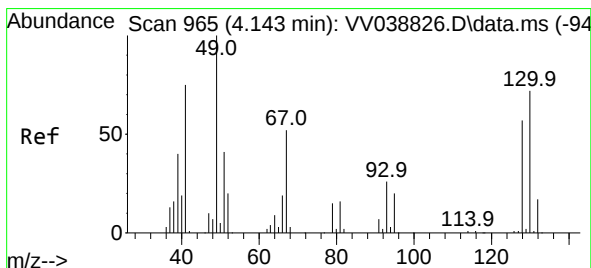
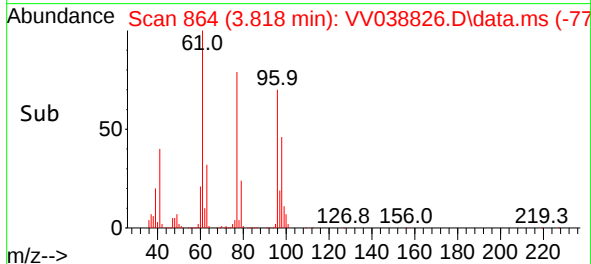
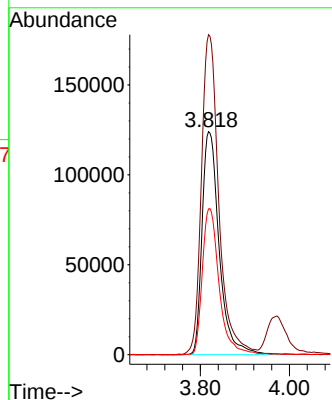
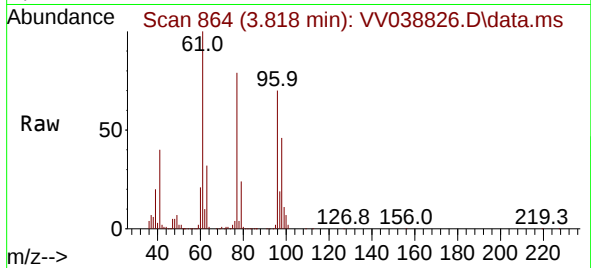




#27  
 cis-1,2-Dichloroethene  
 Concen: 48.165 ug/l  
 RT: 3.818 min Scan# 864  
 Delta R.T. 0.000 min  
 Lab File: VV038826.D  
 Acq: 27 Jun 2025 10:01

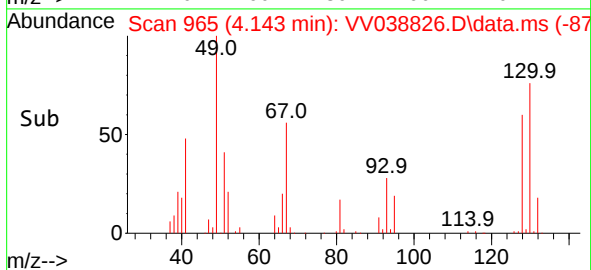
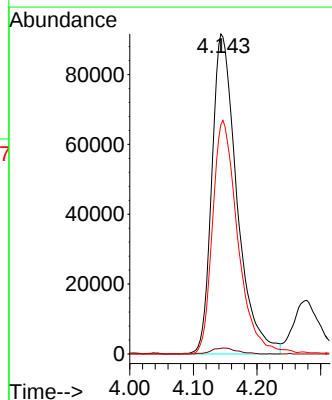
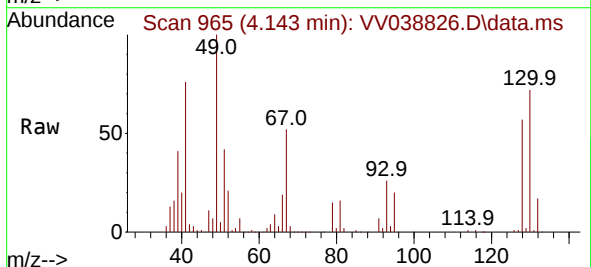
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICCC050

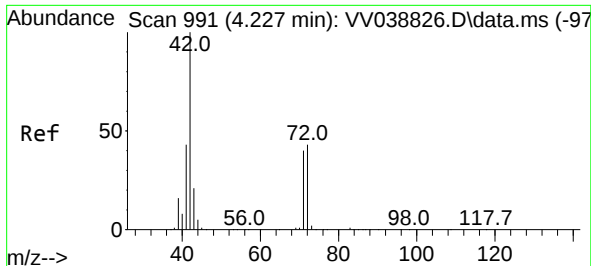
Tgt Ion: 96 Resp: 330860  
 Ion Ratio Lower Upper  
 96 100  
 61 146.2 0.0 292.4  
 98 64.3 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 45.930 ug/l  
 RT: 4.143 min Scan# 965  
 Delta R.T. 0.000 min  
 Lab File: VV038826.D  
 Acq: 27 Jun 2025 10:01

Tgt Ion: 49 Resp: 250873  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 3.8  
 130 73.5 58.8 88.2

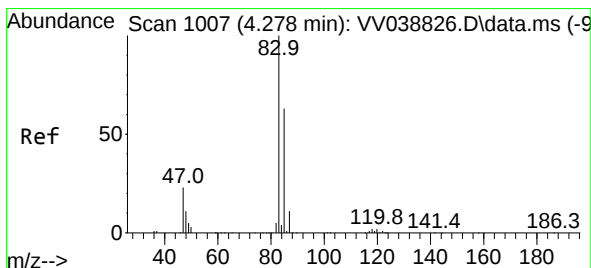
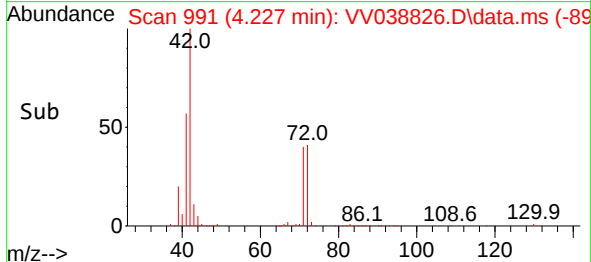
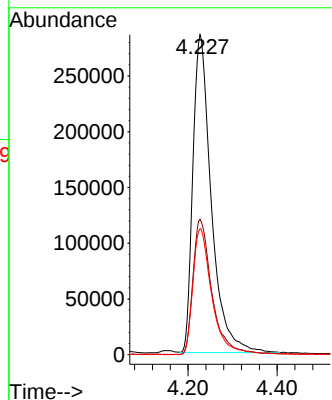
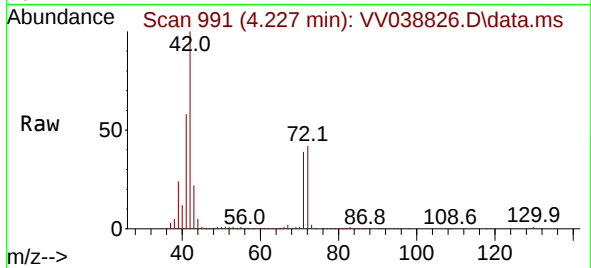




#29  
Tetrahydrofuran  
Concen: 257.663 ug/l  
RT: 4.227 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

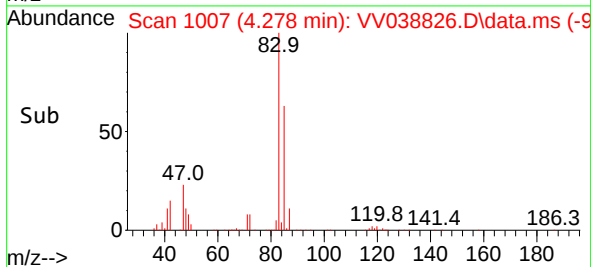
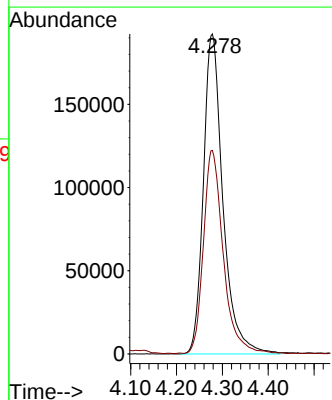
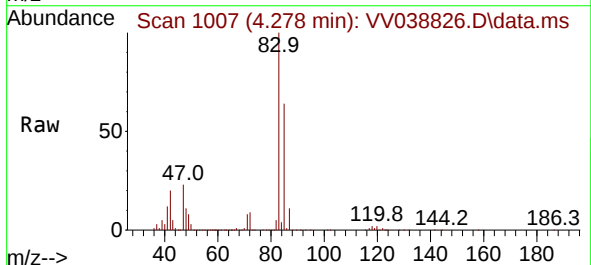
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

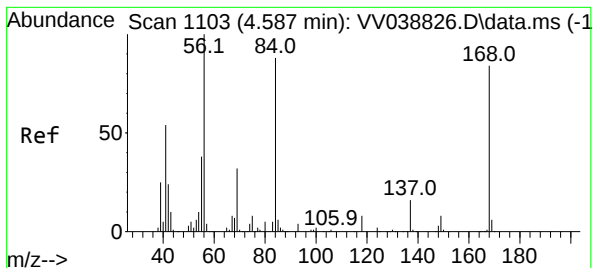
Tgt Ion: 42 Resp: 821177  
Ion Ratio Lower Upper  
42 100  
72 43.5 34.8 52.2  
71 40.8 32.6 49.0



#30  
Chloroform  
Concen: 47.332 ug/l  
RT: 4.278 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 83 Resp: 569223  
Ion Ratio Lower Upper  
83 100  
85 63.3 50.6 76.0





#31

Cyclohexane

Concen: 48.247 ug/l

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICCC050

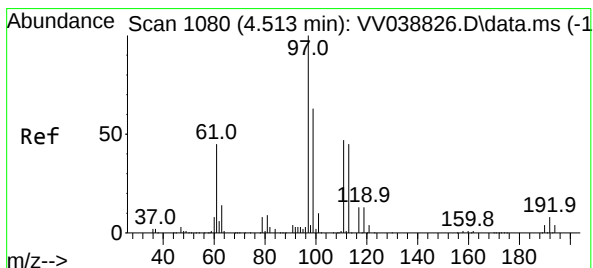
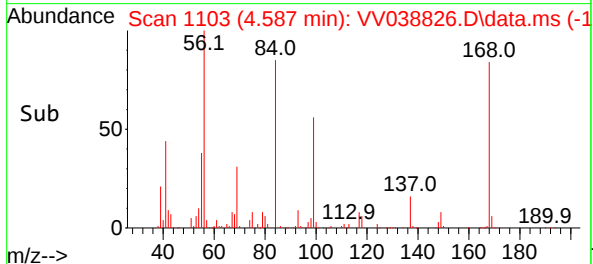
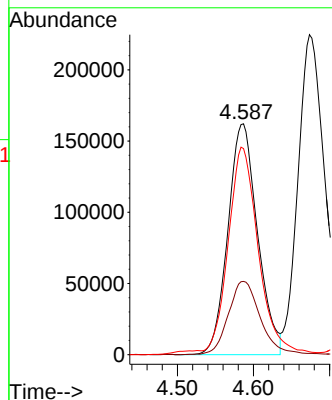
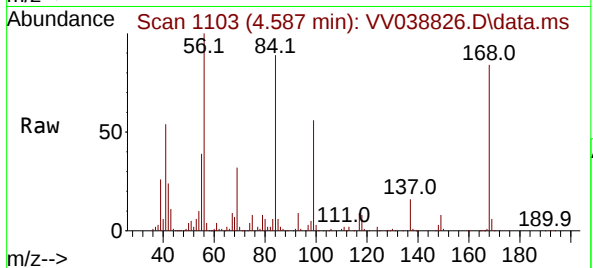
Tgt Ion: 56 Resp: 439023

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

84 87.8 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 46.902 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

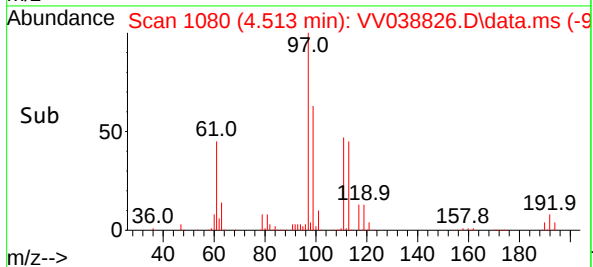
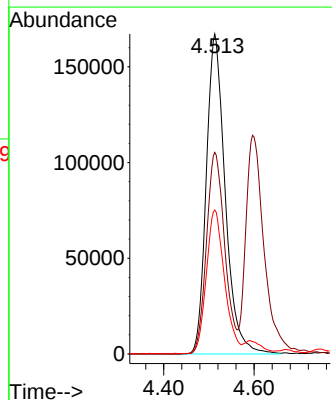
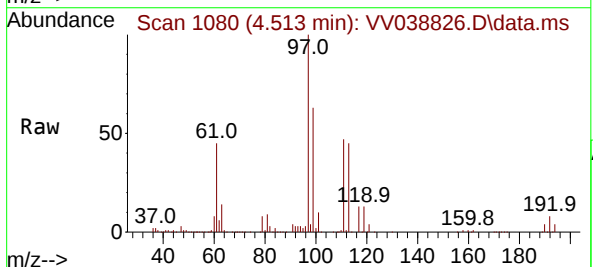
Tgt Ion: 97 Resp: 484920

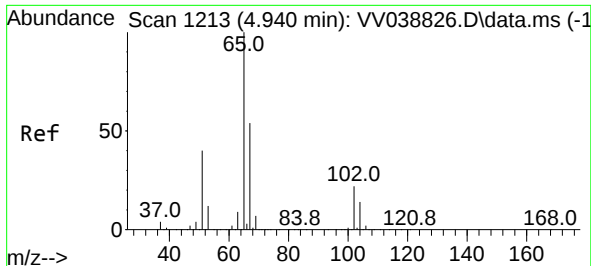
Ion Ratio Lower Upper

97 100

99 61.1 48.9 73.3

61 43.2 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 47.626 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

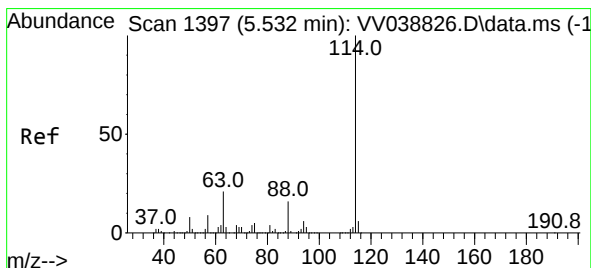
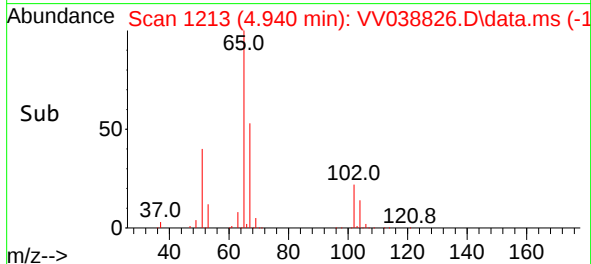
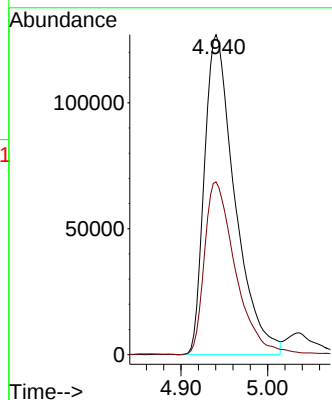
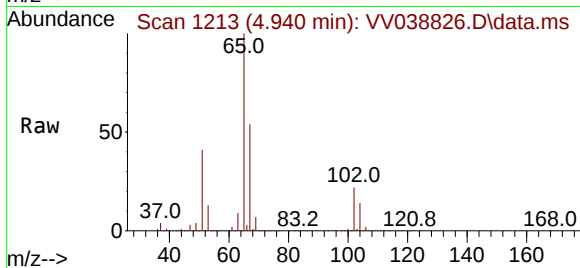
VSTDICCC050

Tgt Ion: 65 Resp: 309995

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

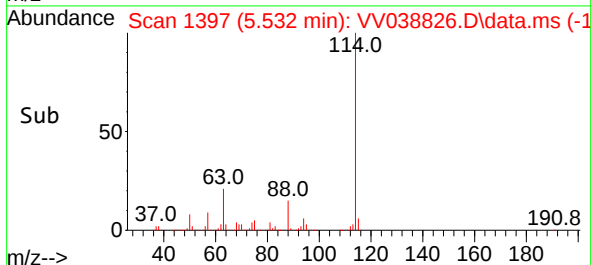
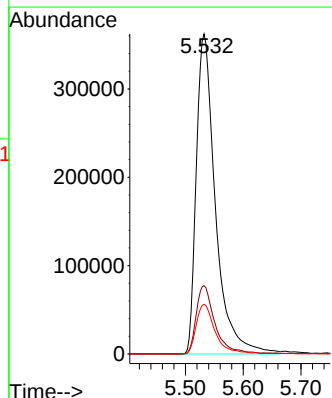
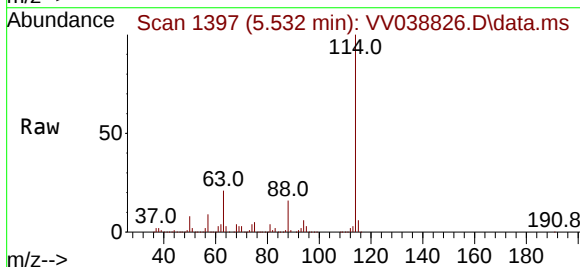
Tgt Ion: 114 Resp: 833955

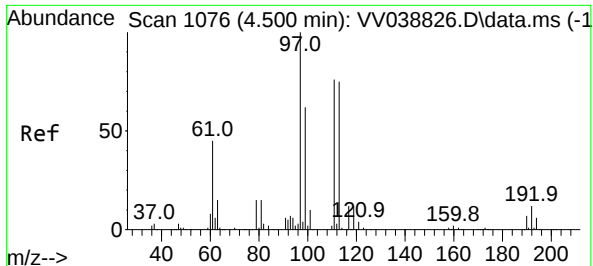
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.419 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICCC050

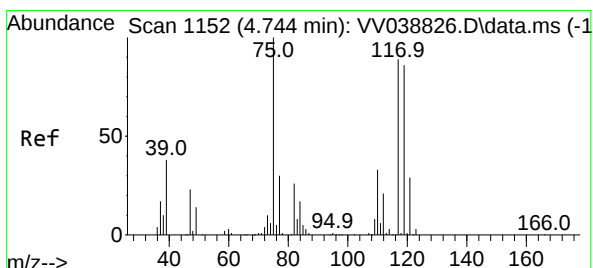
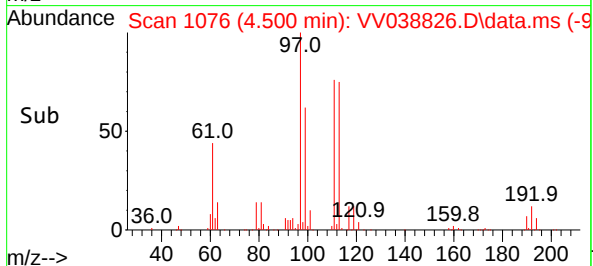
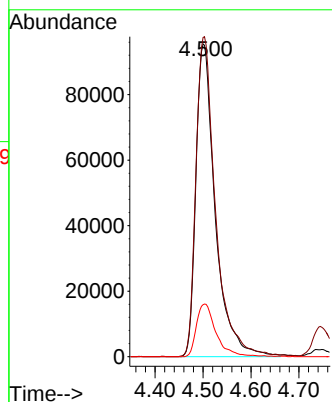
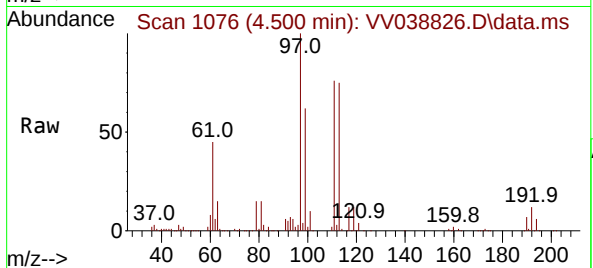
Tgt Ion:113 Resp: 267396

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

192 17.1 13.7 20.5



#36

1,1-Dichloropropene

Concen: 46.576 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

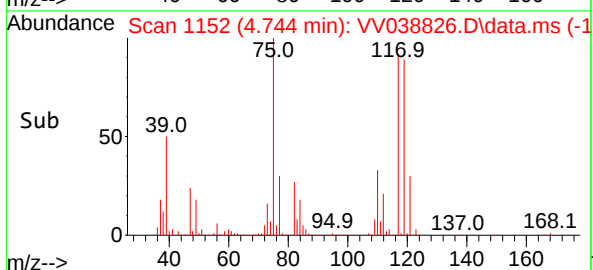
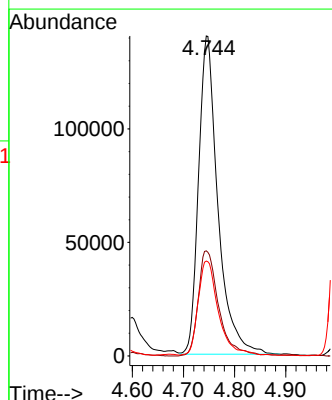
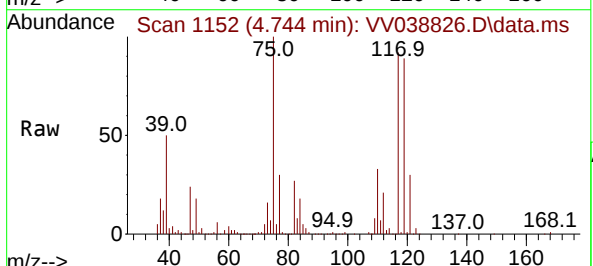
Tgt Ion: 75 Resp: 369218

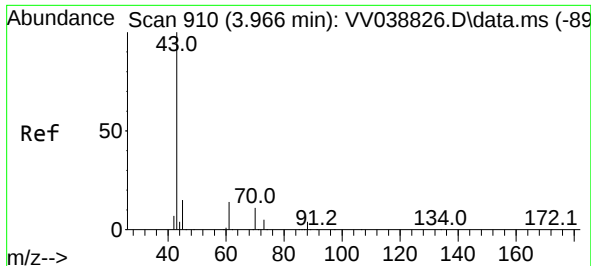
Ion Ratio Lower Upper

75 100

110 34.9 17.4 52.3

77 30.5 24.4 36.6

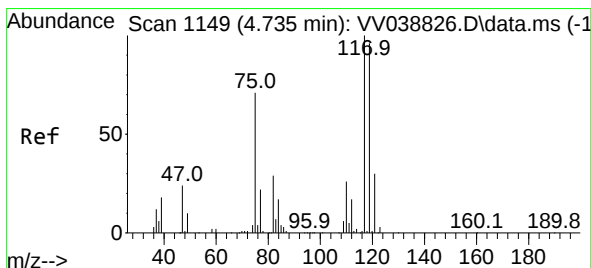
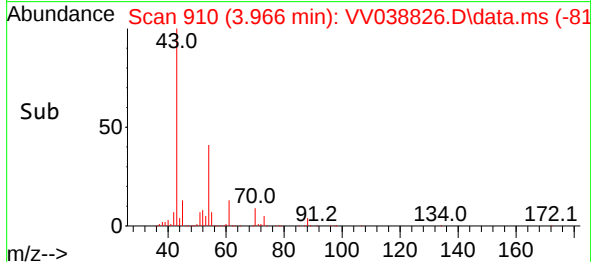
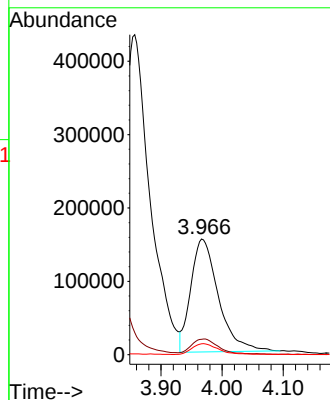
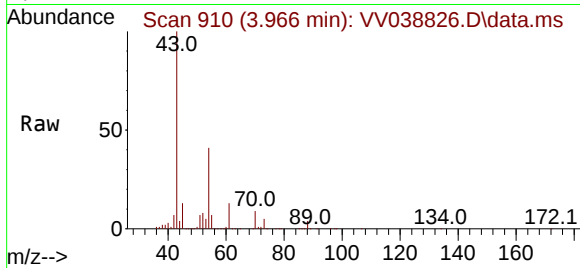




#37  
Ethyl Acetate  
Concen: 45.436 ug/l  
RT: 3.966 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

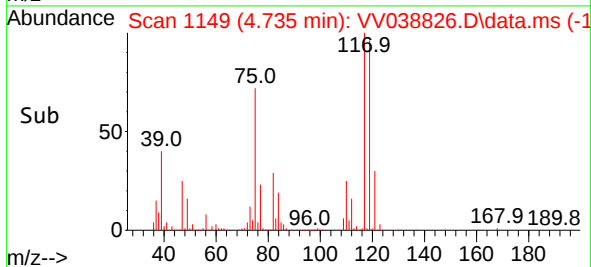
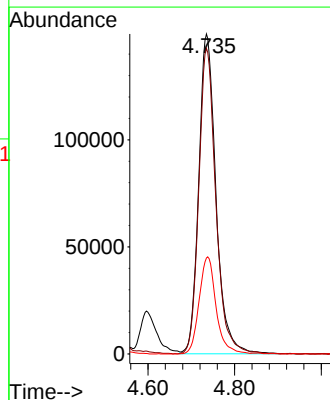
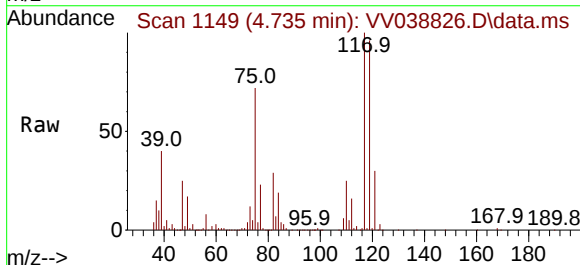
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

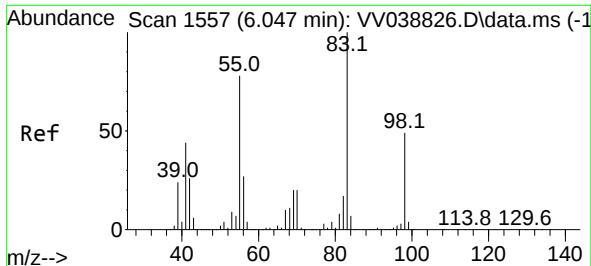
Tgt Ion: 43 Resp: 483468  
Ion Ratio Lower Upper  
43 100  
61 12.4 9.9 14.9  
70 8.9 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 48.983 ug/l  
RT: 4.735 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 117 Resp: 413281  
Ion Ratio Lower Upper  
117 100  
119 95.5 76.4 114.6  
121 30.0 24.0 36.0





#39

Methylcyclohexane

Concen: 50.982 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICCC050

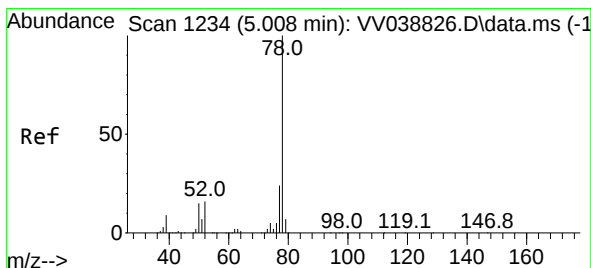
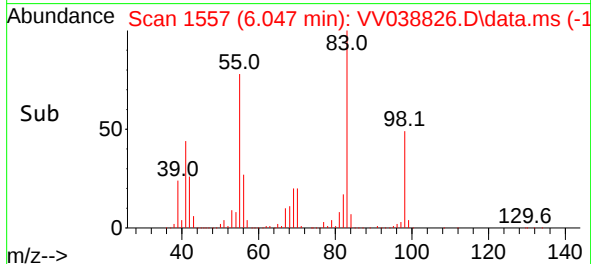
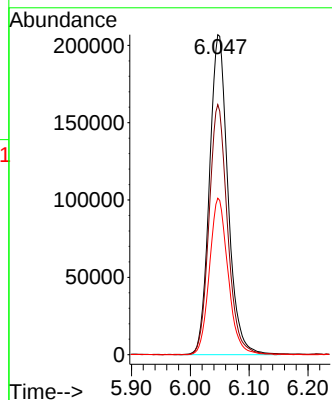
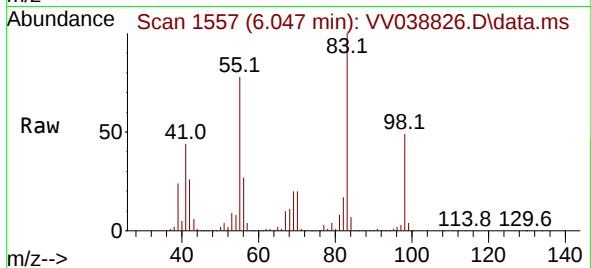
Tgt Ion: 83 Resp: 453474

Ion Ratio Lower Upper

83 100

55 78.0 62.4 93.6

98 48.9 39.1 58.7



#40

Benzene

Concen: 50.048 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038826.D

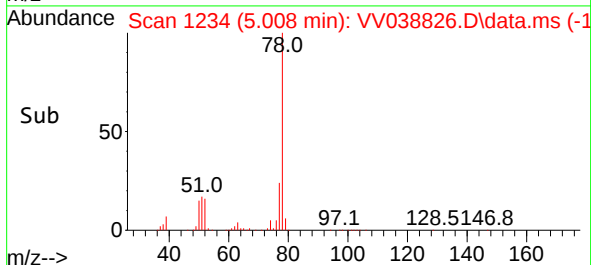
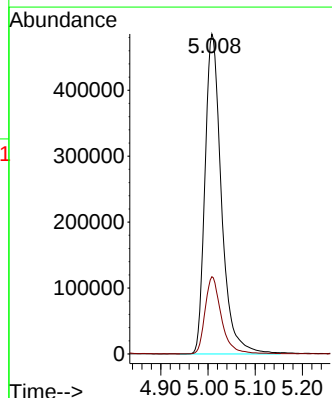
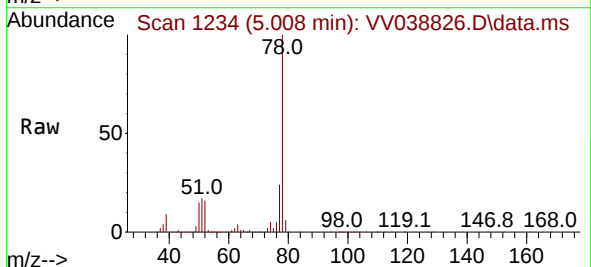
Acq: 27 Jun 2025 10:01

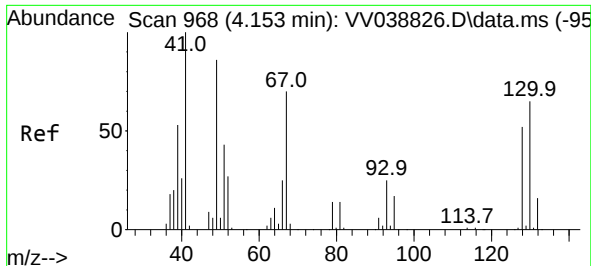
Tgt Ion: 78 Resp: 1173798

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9



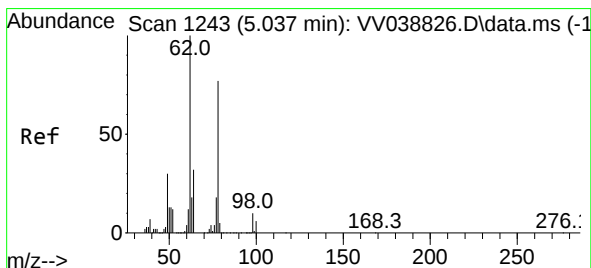
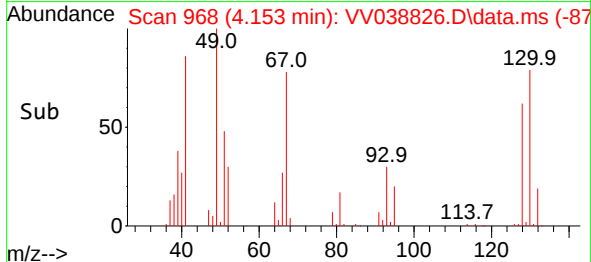
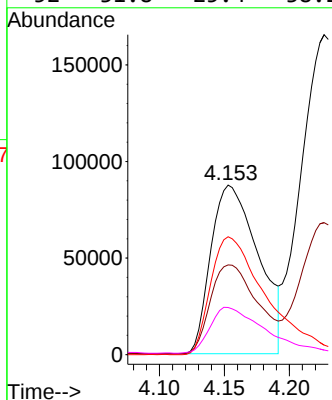
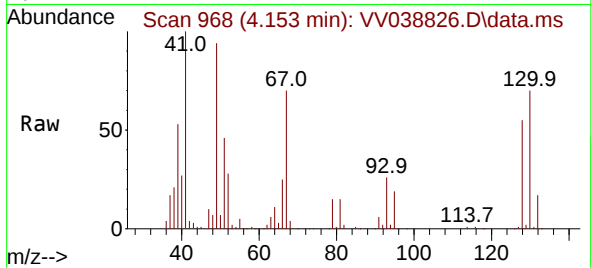


#41  
Methacrylonitrile  
Concen: 49.200 ug/l  
RT: 4.153 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 41 Resp: 222144

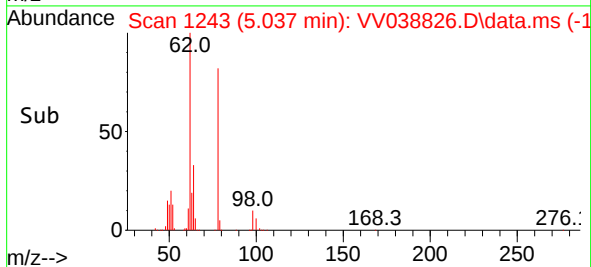
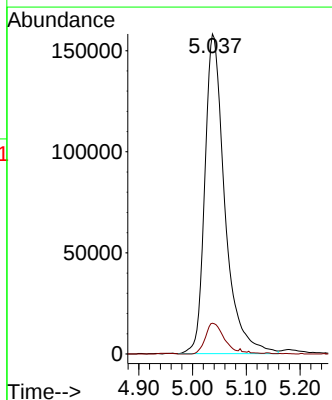
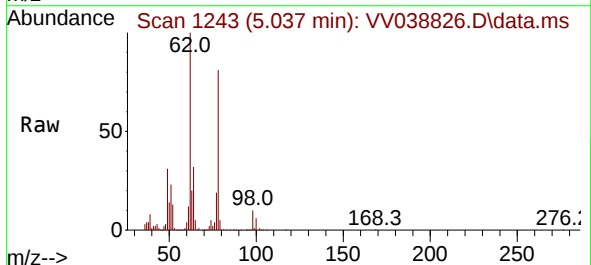
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.7  | 42.2  | 63.2  |
| 67  | 85.3  | 68.2  | 102.4 |
| 52  | 31.8  | 25.4  | 38.2  |

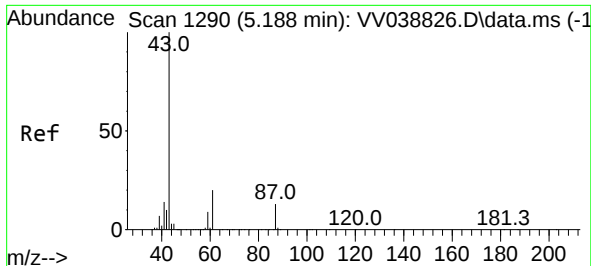


#42  
1,2-Dichloroethane  
Concen: 48.319 ug/l  
RT: 5.037 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 62 Resp: 408751

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.9   | 0.0   | 17.8  |

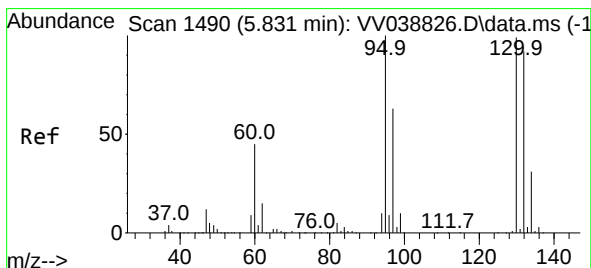
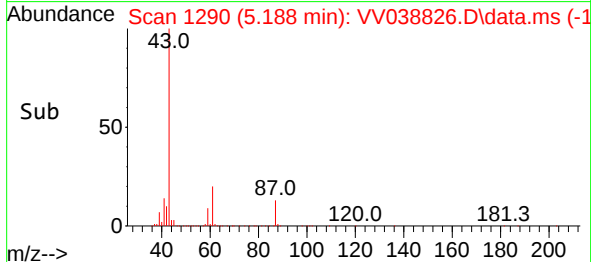
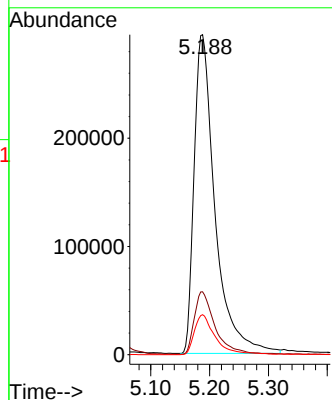
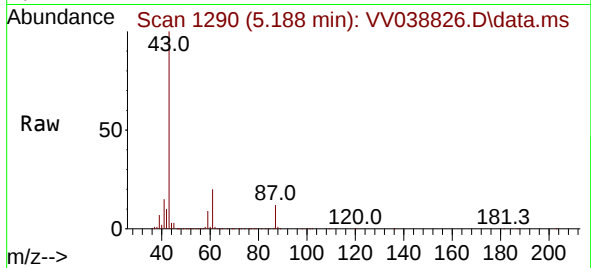




#43  
Isopropyl Acetate  
Concen: 56.287 ug/l  
RT: 5.188 min Scan# 1290  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

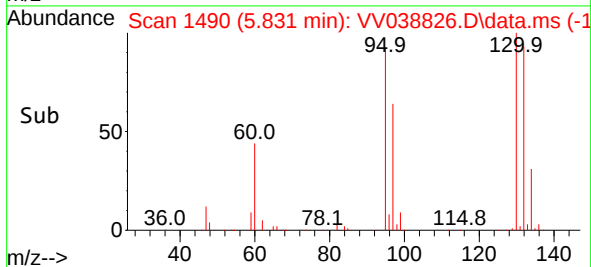
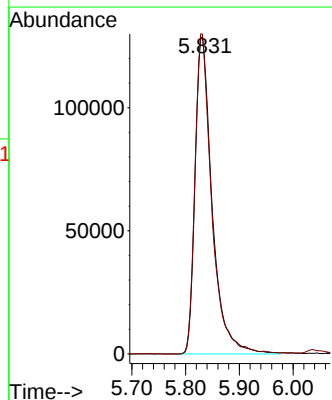
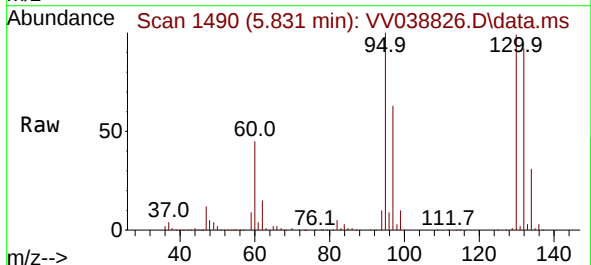
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

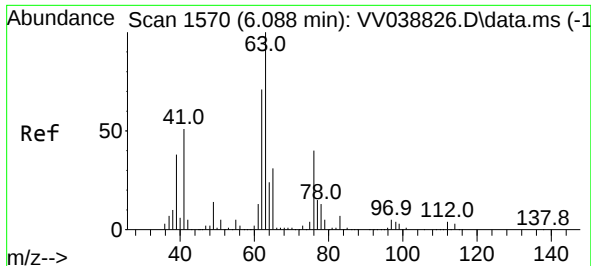
Tgt Ion: 43 Resp: 728043  
Ion Ratio Lower Upper  
43 100  
61 19.3 15.4 23.2  
87 12.6 10.1 15.1



#44  
Trichloroethene  
Concen: 50.448 ug/l  
RT: 5.831 min Scan# 1490  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion:130 Resp: 283958  
Ion Ratio Lower Upper  
130 100  
95 100.8 0.0 201.6





#45

1,2-Dichloropropane

Concen: 51.534 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

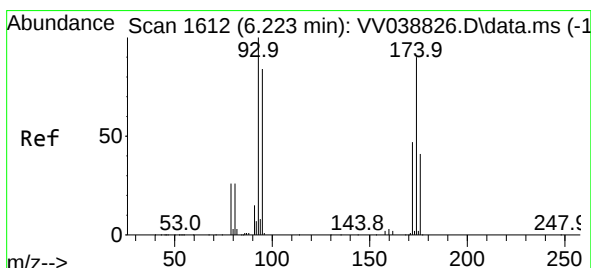
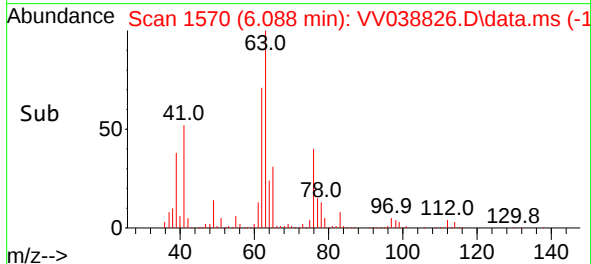
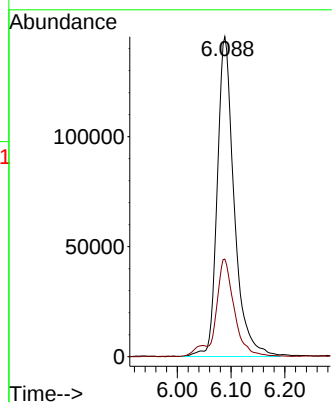
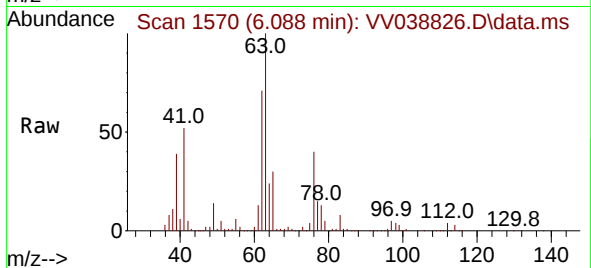
VSTDICCC050

Tgt Ion: 63 Resp: 317757

Ion Ratio Lower Upper

63 100

65 30.4 24.3 36.5



#46

Dibromomethane

Concen: 49.159 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

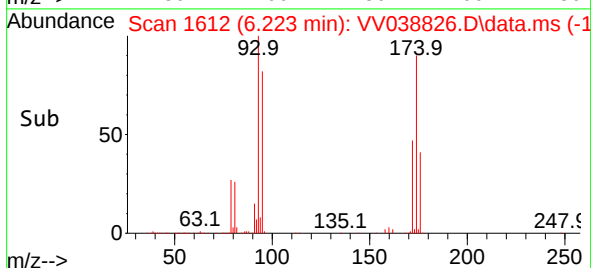
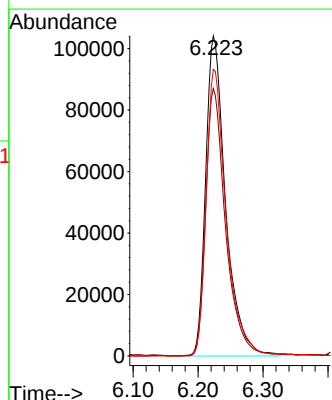
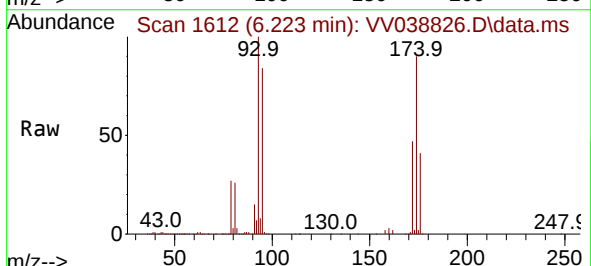
Tgt Ion: 93 Resp: 222352

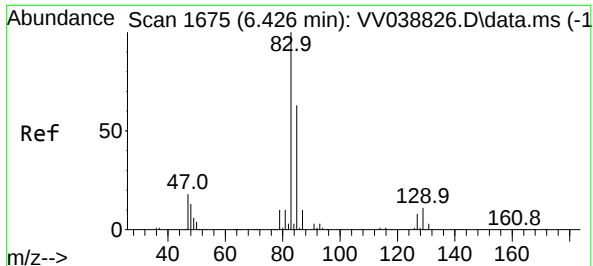
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 89.2 71.4 107.0





#47

Bromodichloromethane

Concen: 49.806 ug/l

RT: 6.426 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICCC050

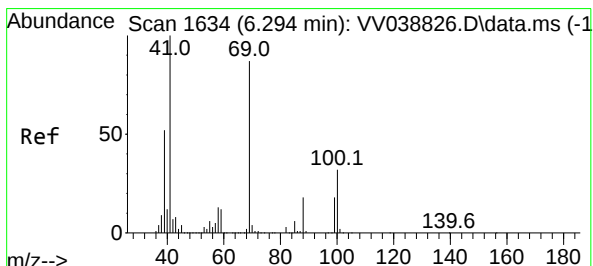
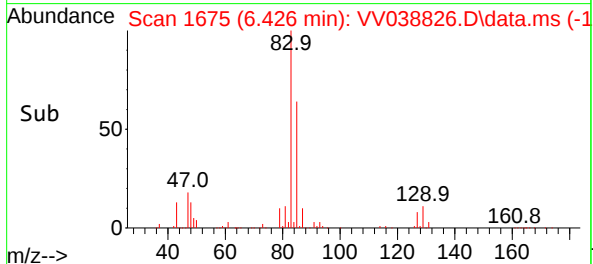
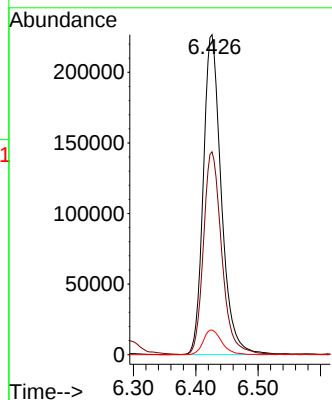
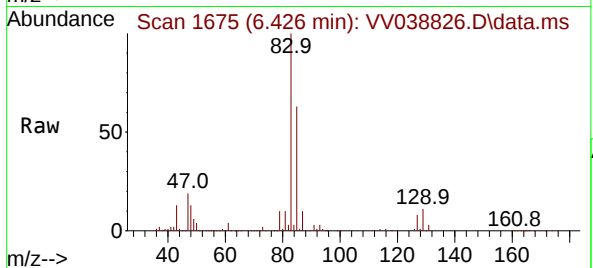
Tgt Ion: 83 Resp: 454953

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1

127 7.7 6.2 9.2



#48

Methyl methacrylate

Concen: 55.467 ug/l

RT: 6.294 min Scan# 1634

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

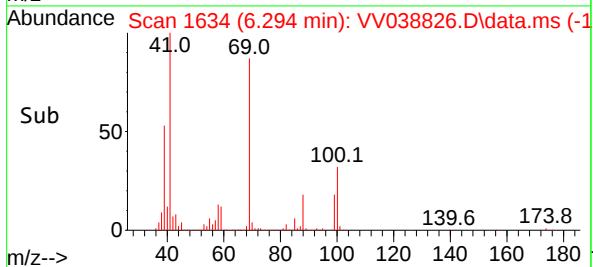
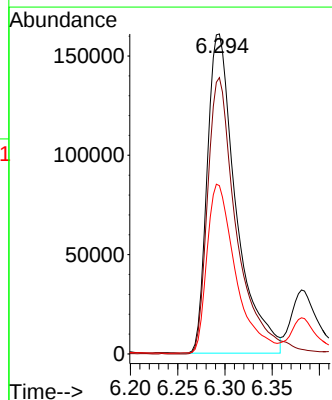
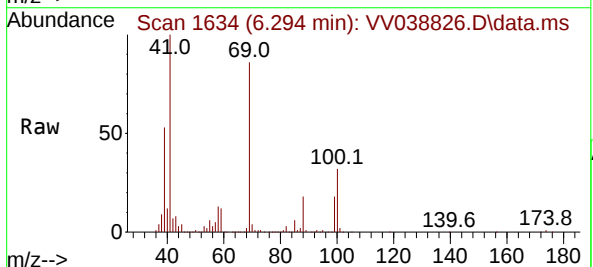
Tgt Ion: 41 Resp: 340029

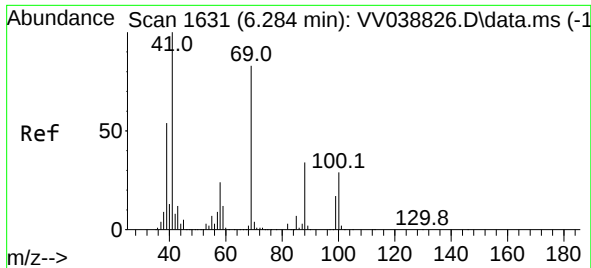
Ion Ratio Lower Upper

41 100

69 88.0 70.4 105.6

39 52.9 42.3 63.5





#49

1,4-Dioxane

Concen: 865.047 ug/l

RT: 6.284 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICCC050

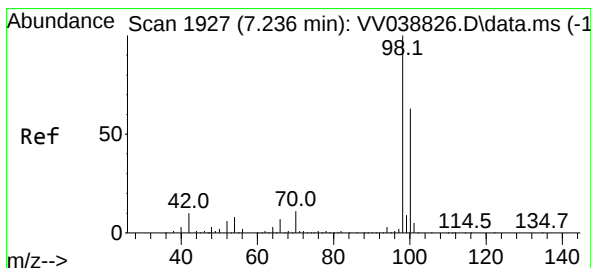
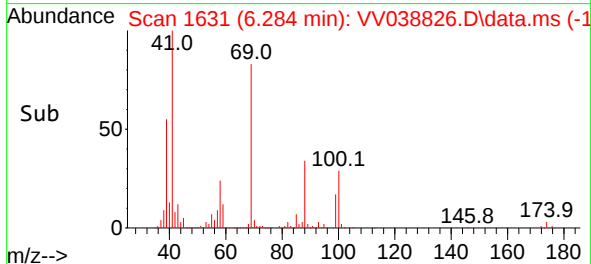
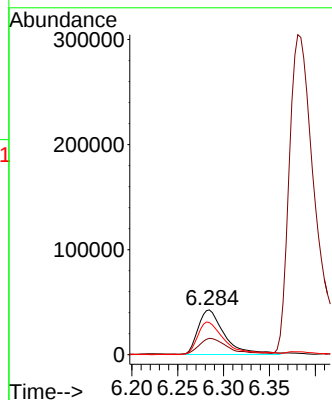
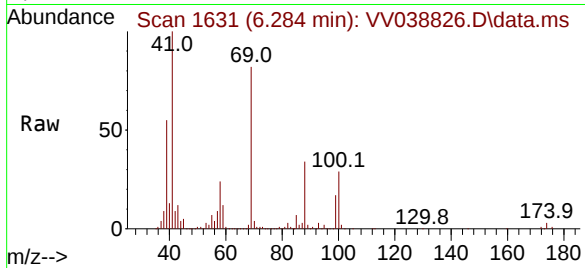
Tgt Ion: 88 Resp: 85364

Ion Ratio Lower Upper

88 100

43 38.0 30.4 45.6

58 74.5 59.6 89.4



#50

Toluene-d8

Concen: 49.561 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038826.D

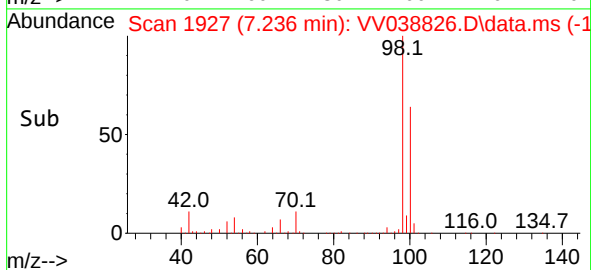
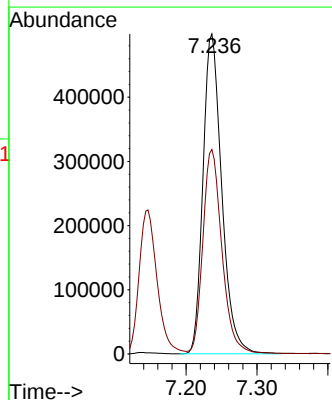
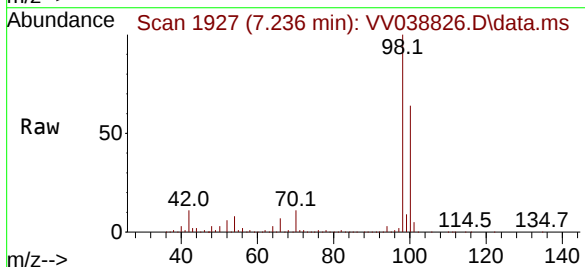
Acq: 27 Jun 2025 10:01

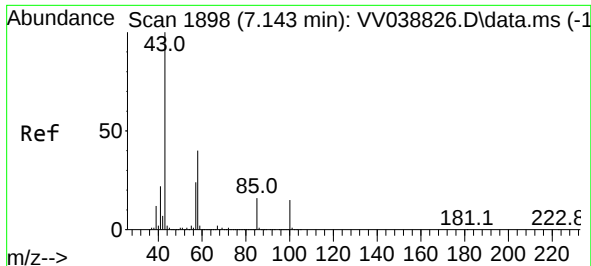
Tgt Ion: 98 Resp: 916243

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5

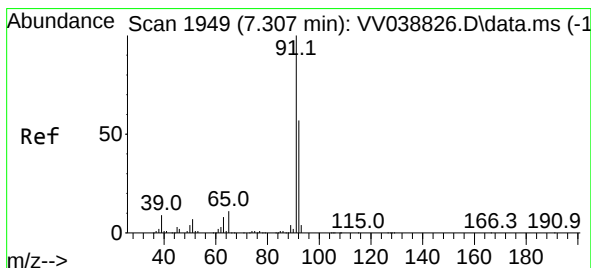
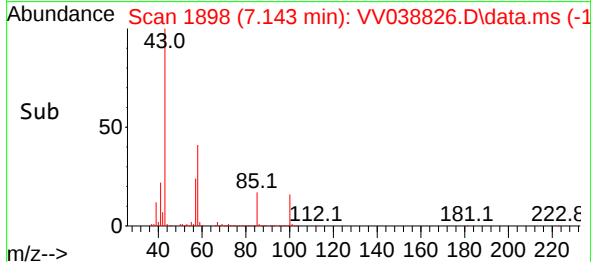
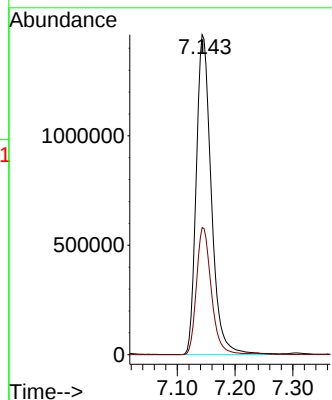
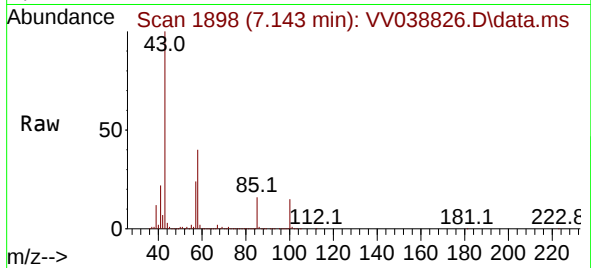




#51  
4-Methyl-2-Pentanone  
Concen: 277.405 ug/l  
RT: 7.143 min Scan# 1898  
Delta R.T. -0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

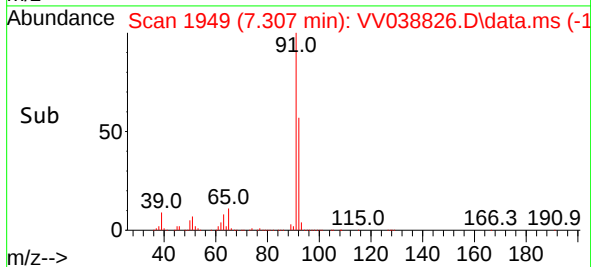
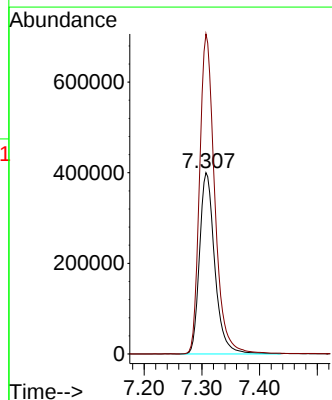
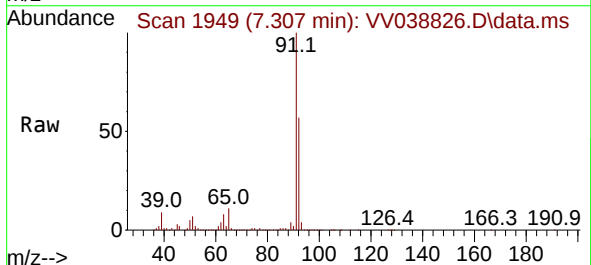
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

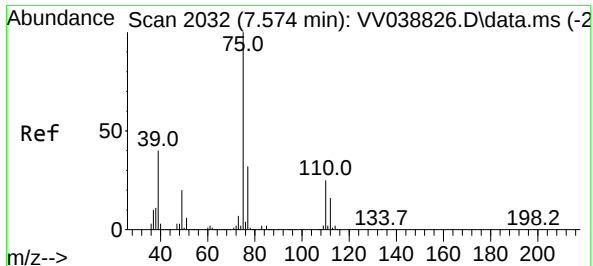
Tgt Ion: 43 Resp: 2641715  
Ion Ratio Lower Upper  
43 100  
58 39.3 31.4 47.2



#52  
Toluene  
Concen: 51.271 ug/l  
RT: 7.307 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 92 Resp: 733037  
Ion Ratio Lower Upper  
92 100  
91 175.4 140.3 210.5

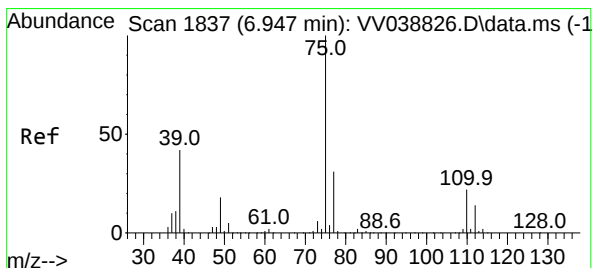
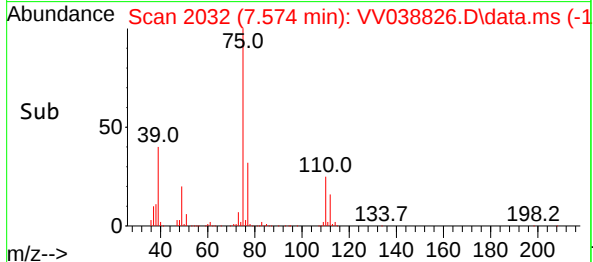
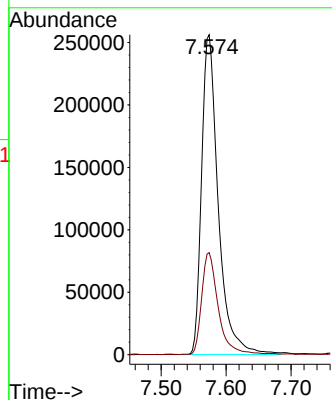
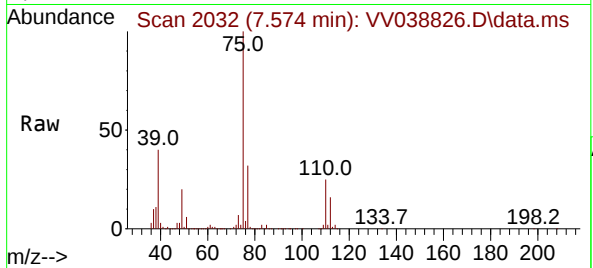




#53  
 t-1,3-Dichloropropene  
 Concen: 52.488 ug/l  
 RT: 7.574 min Scan# 2032  
 Delta R.T. -0.000 min  
 Lab File: VV038826.D  
 Acq: 27 Jun 2025 10:01

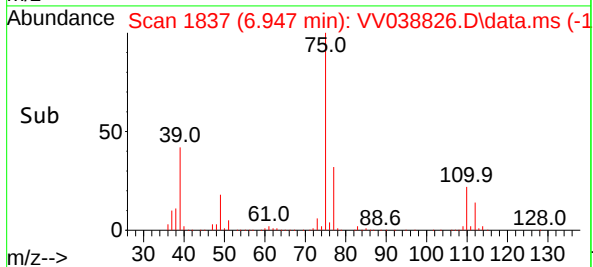
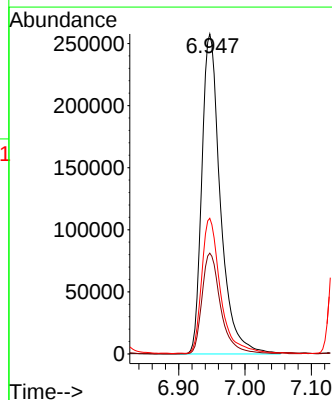
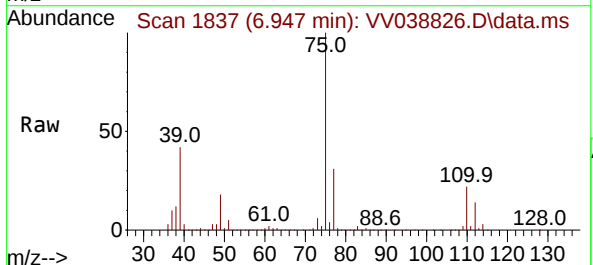
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICCC050

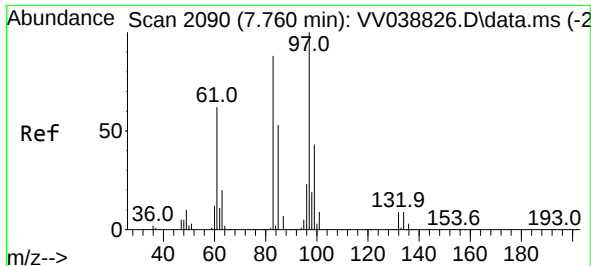
Tgt Ion: 75 Resp: 457080  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.058 ug/l  
 RT: 6.947 min Scan# 1837  
 Delta R.T. -0.000 min  
 Lab File: VV038826.D  
 Acq: 27 Jun 2025 10:01

Tgt Ion: 75 Resp: 501439  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.1 37.7  
 39 42.2 33.8 50.6



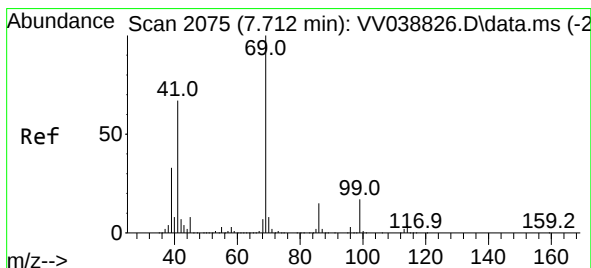
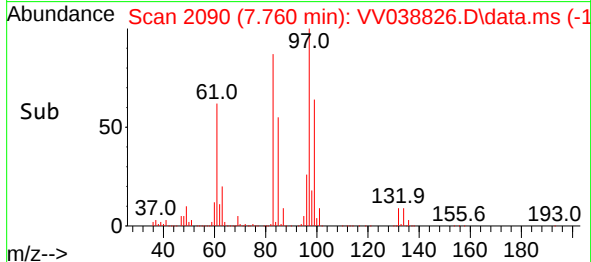
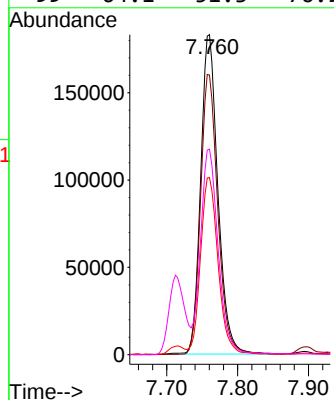
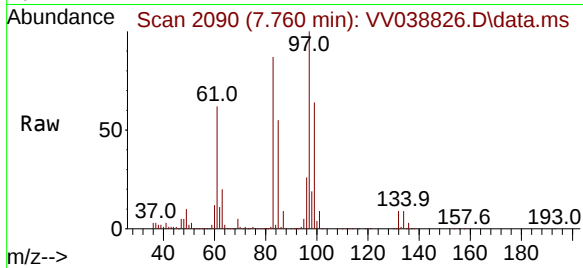


#55  
 1,1,2-Trichloroethane  
 Concen: 49.972 ug/l  
 RT: 7.760 min Scan# 2090  
 Delta R.T. 0.000 min  
 Lab File: VV038826.D  
 Acq: 27 Jun 2025 10:01

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion: 97 Resp: 308286

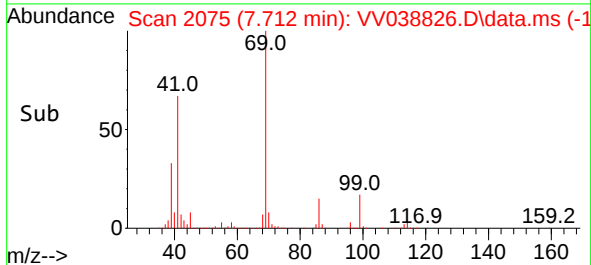
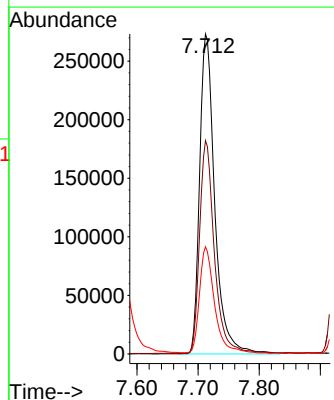
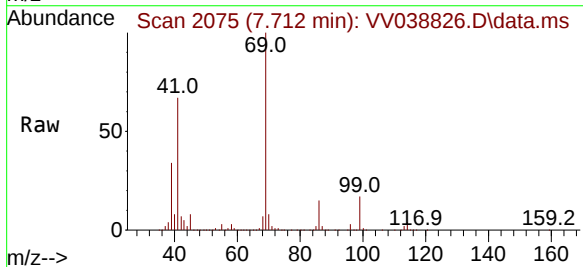
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.4  | 69.9  | 104.9 |
| 85  | 55.3  | 44.2  | 66.4  |
| 99  | 64.1  | 51.3  | 76.9  |

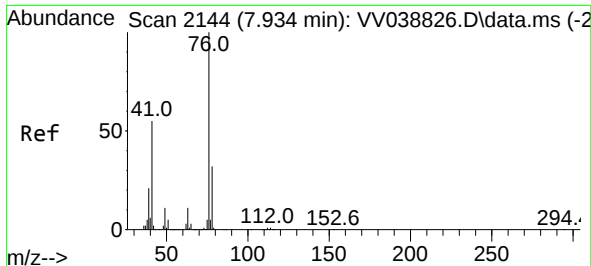


#56  
 Ethyl methacrylate  
 Concen: 56.008 ug/l  
 RT: 7.712 min Scan# 2075  
 Delta R.T. 0.000 min  
 Lab File: VV038826.D  
 Acq: 27 Jun 2025 10:01

Tgt Ion: 69 Resp: 470715

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.3  | 52.2  | 78.4  |
| 39  | 32.6  | 26.1  | 39.1  |





#57

1,3-Dichloropropane

Concen: 51.736 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

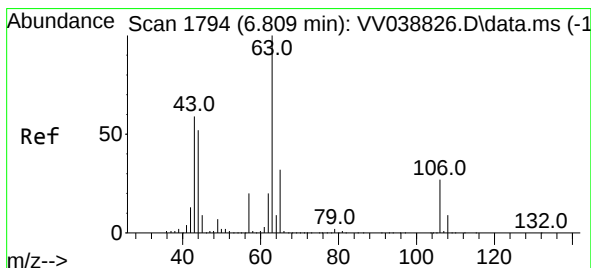
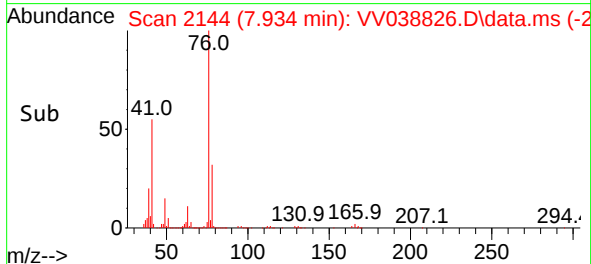
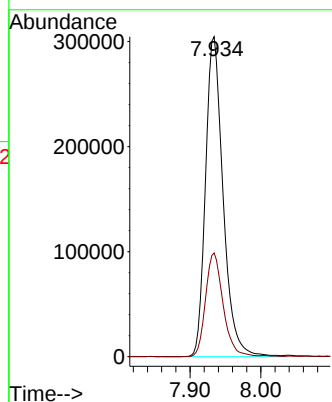
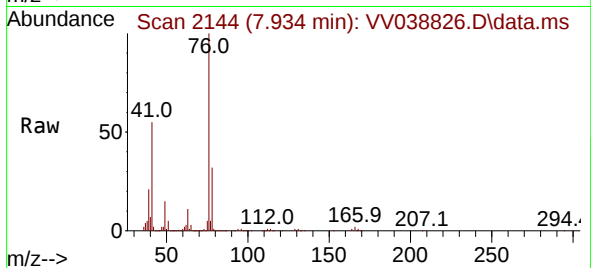
VSTDICCC050

Tgt Ion: 76 Resp: 525207

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 233.577 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV038826.D

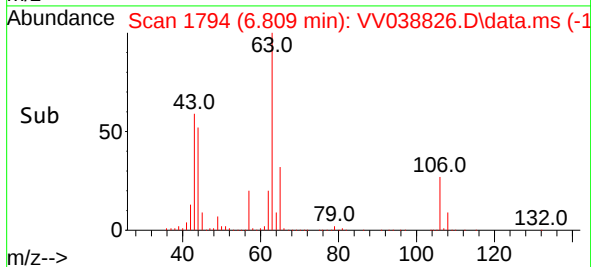
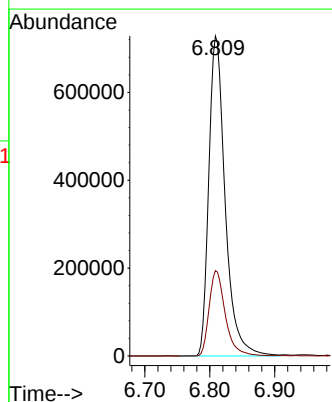
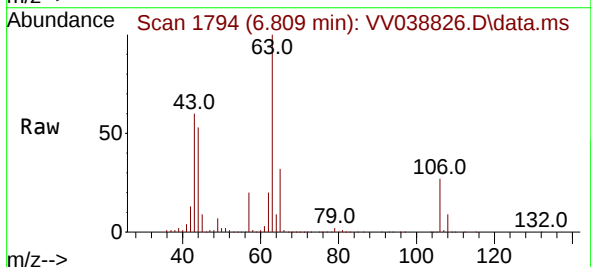
Acq: 27 Jun 2025 10:01

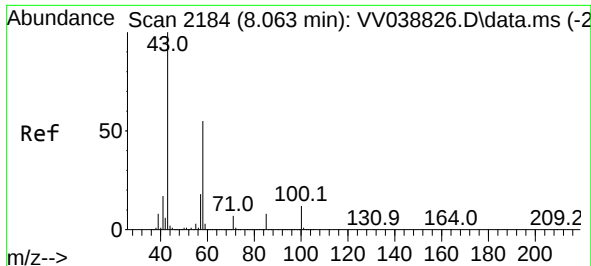
Tgt Ion: 63 Resp: 1273481

Ion Ratio Lower Upper

63 100

106 26.4 21.1 31.7

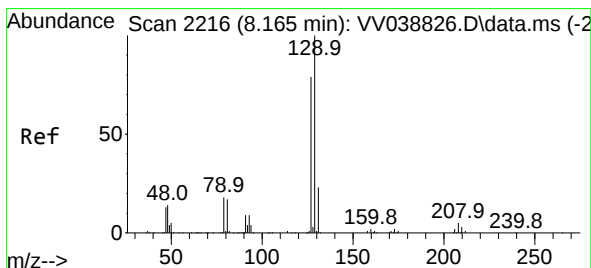
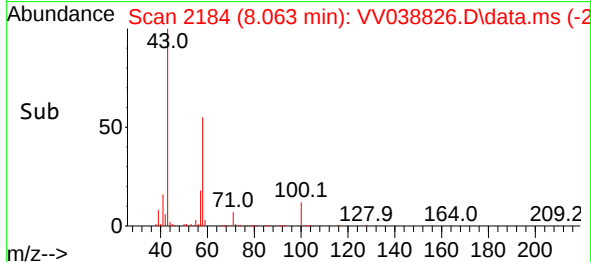
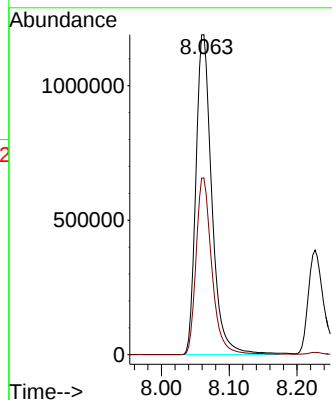
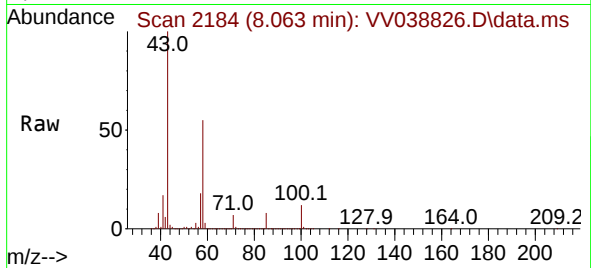




#59  
2-Hexanone  
Concen: 289.577 ug/l  
RT: 8.063 min Scan# 2184  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

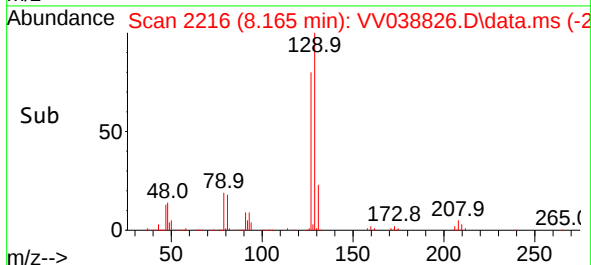
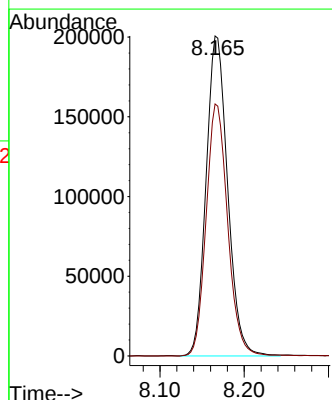
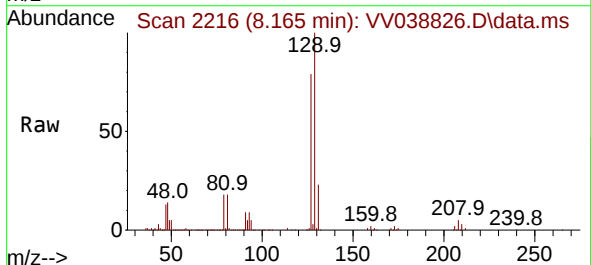
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

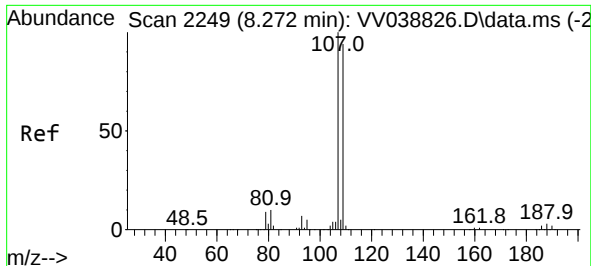
Tgt Ion: 43 Resp: 1942473  
Ion Ratio Lower Upper  
43 100  
58 54.9 27.5 82.4



#60  
Dibromochloromethane  
Concen: 49.925 ug/l  
RT: 8.165 min Scan# 2216  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 129 Resp: 357089  
Ion Ratio Lower Upper  
129 100  
127 78.7 39.4 118.1

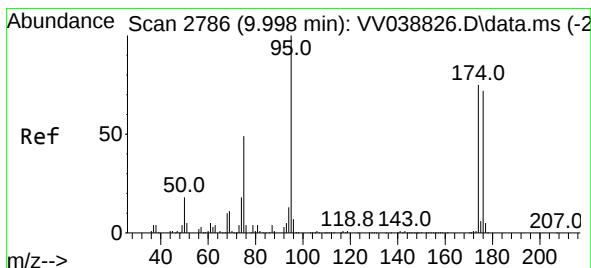
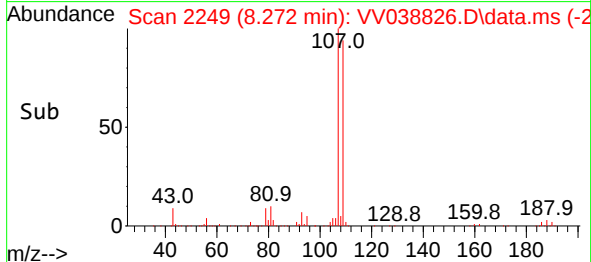
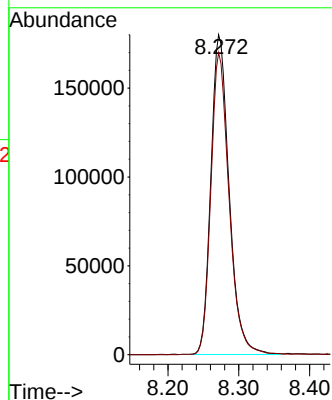
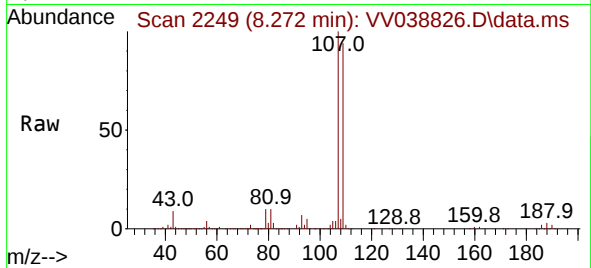




#61  
1,2-Dibromoethane  
Concen: 50.607 ug/l  
RT: 8.272 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

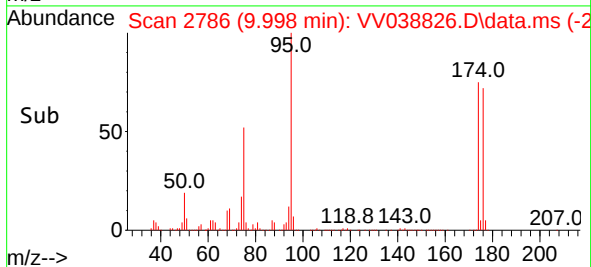
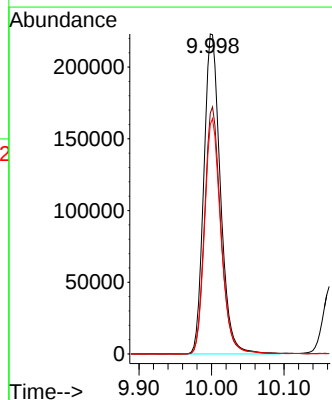
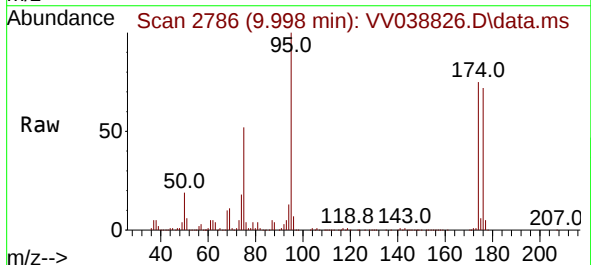
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

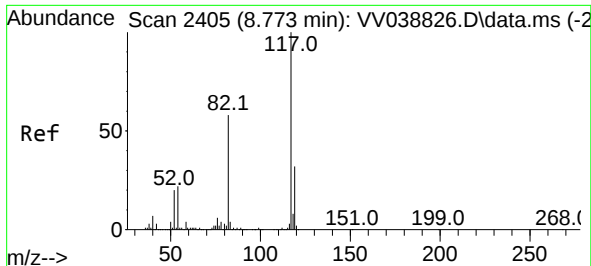
Tgt Ion:107 Resp: 322247  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 52.192 ug/l  
RT: 9.998 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 95 Resp: 355198  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 151.0  
176 72.5 0.0 145.0

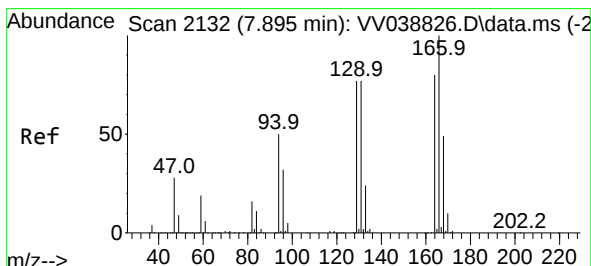
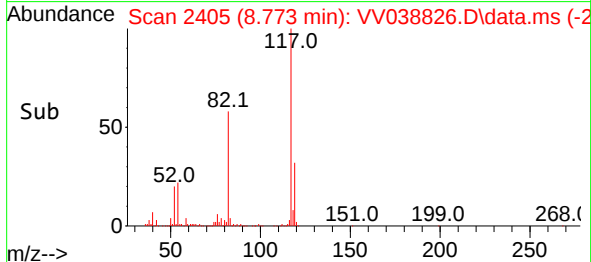
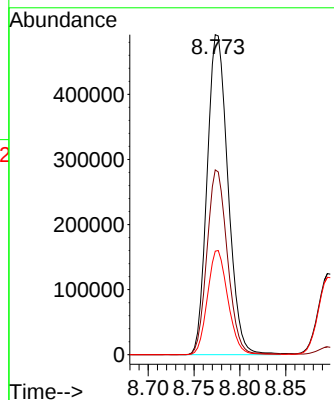
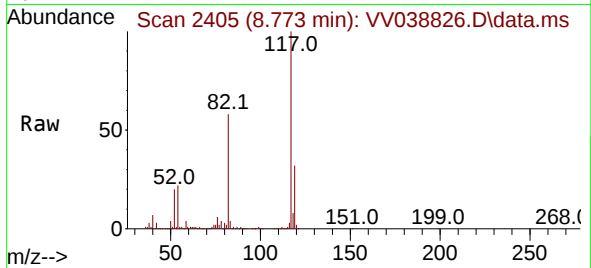




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 8.773 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

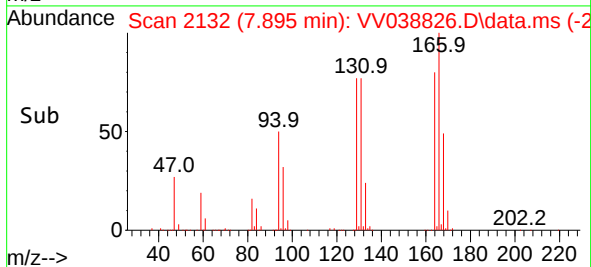
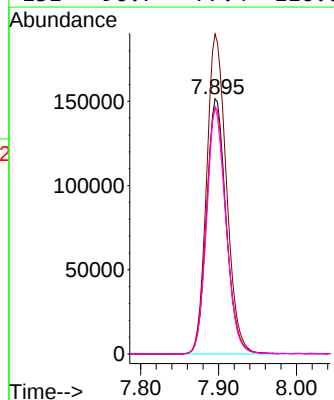
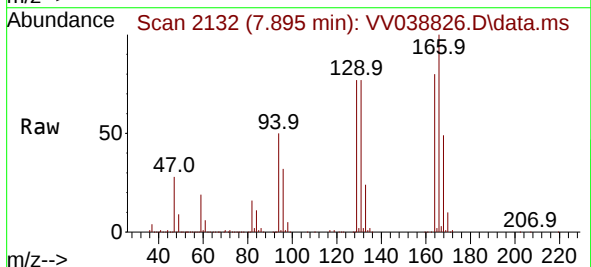
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

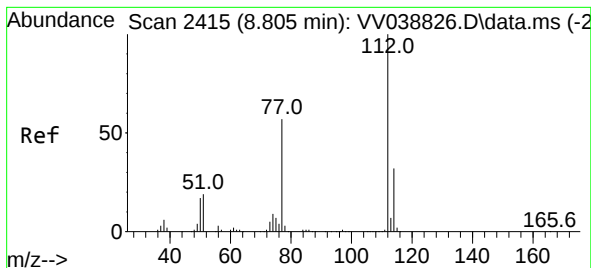
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 779042 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.7  | 46.2  | 69.2   |
| 119      | 32.3  | 25.8  | 38.8   |



#64  
Tetrachloroethene  
Concen: 48.444 ug/l  
RT: 7.895 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 263390 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 125.4 | 100.3 | 150.5  |
| 129      | 96.9  | 77.5  | 116.3  |
| 131      | 96.7  | 77.4  | 116.0  |





#65

Chlorobenzene

Concen: 49.234 ug/l

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

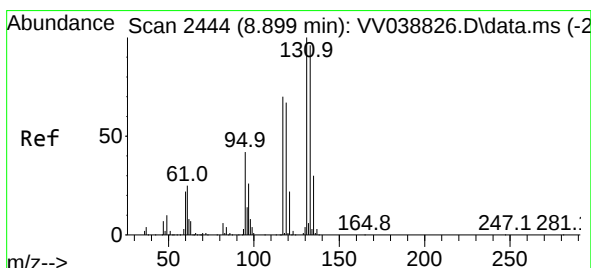
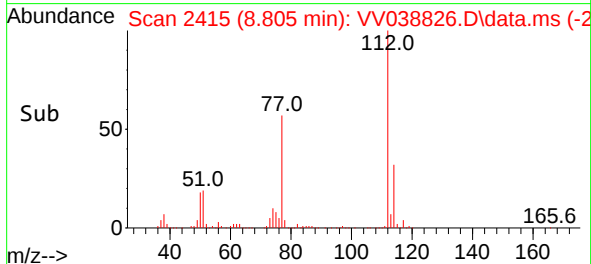
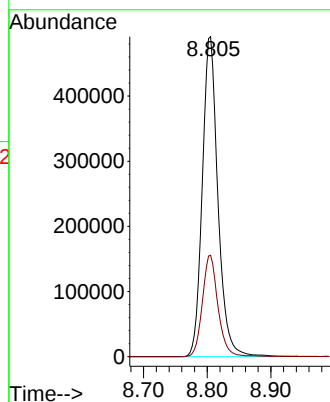
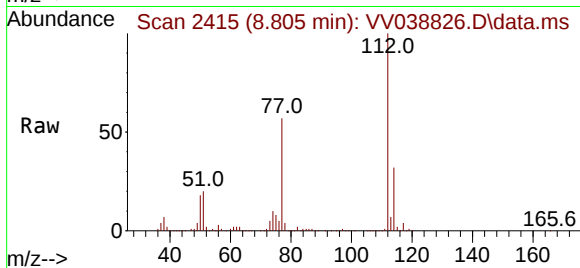
VSTDICCC050

Tgt Ion:112 Resp: 838734

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 48.245 ug/l

RT: 8.899 min Scan# 2444

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

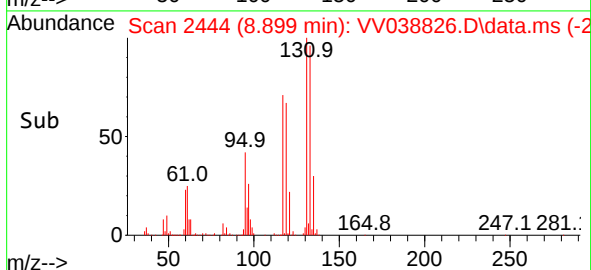
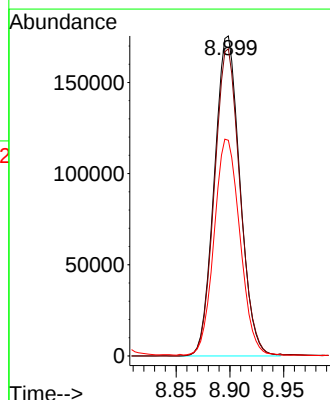
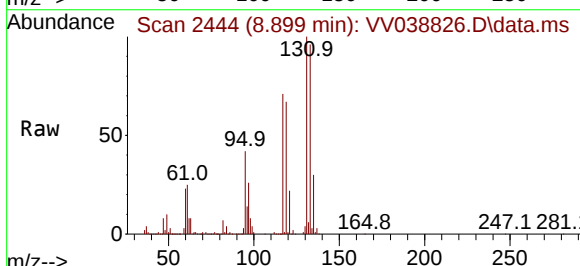
Tgt Ion:131 Resp: 290629

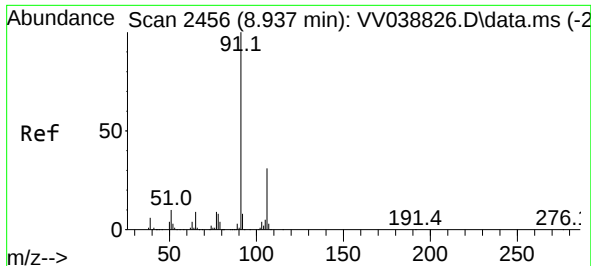
Ion Ratio Lower Upper

131 100

133 96.3 48.1 144.4

119 68.3 34.2 102.5





#67

Ethyl Benzene

Concen: 52.275 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

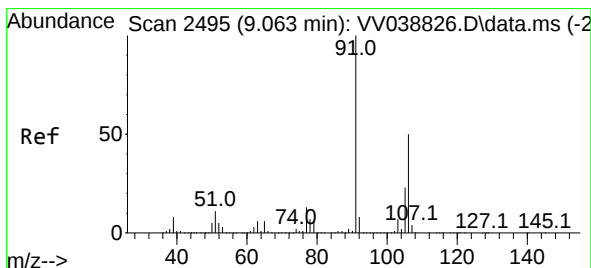
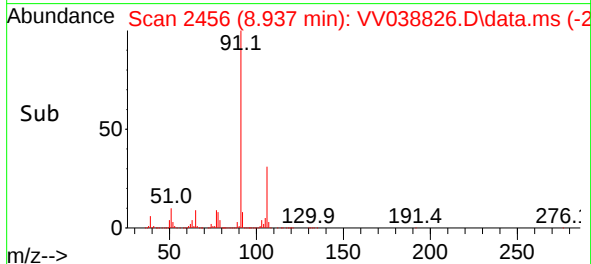
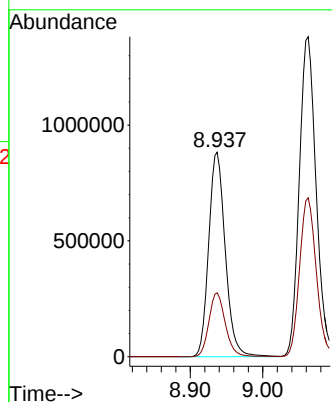
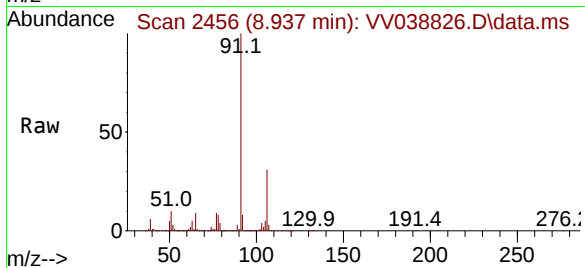
VSTDICCC050

Tgt Ion: 91 Resp: 1401569

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 109.420 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038826.D

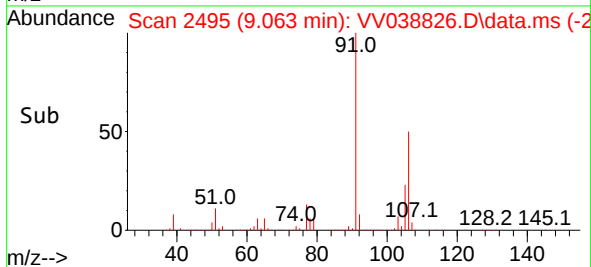
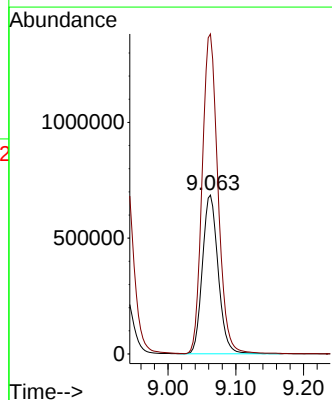
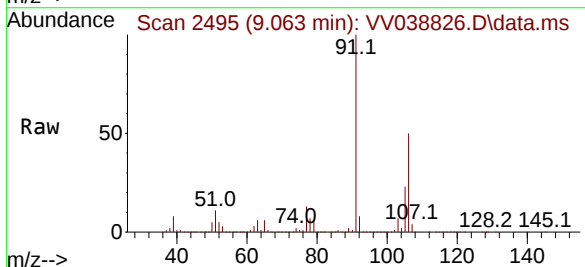
Acq: 27 Jun 2025 10:01

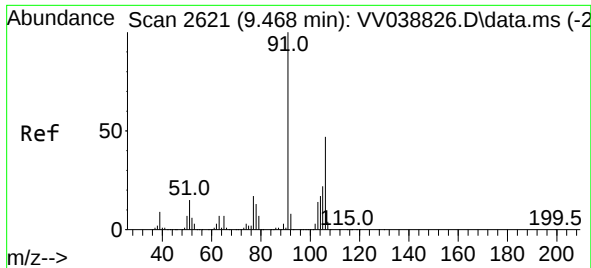
Tgt Ion: 106 Resp: 1104933

Ion Ratio Lower Upper

106 100

91 202.3 161.8 242.8

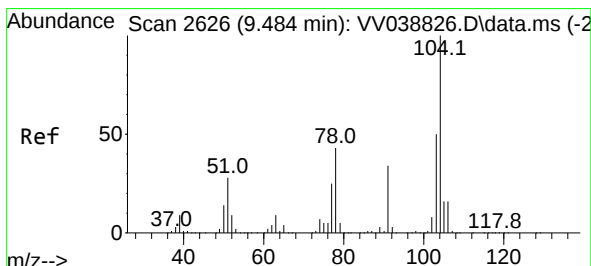
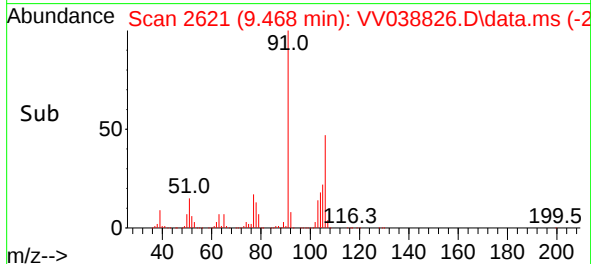
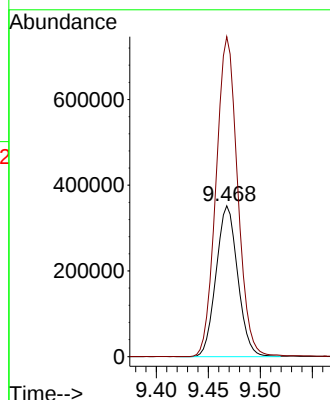
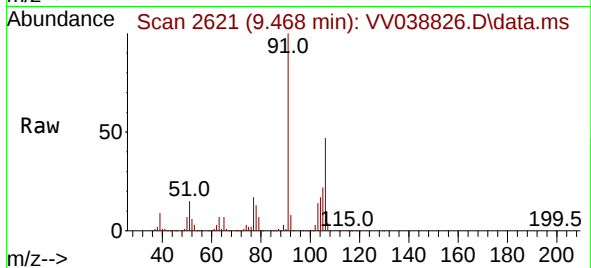




#69  
o-Xylene  
Concen: 53.920 ug/l  
RT: 9.468 min Scan# 2621  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

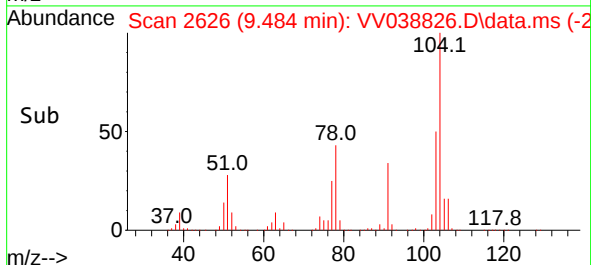
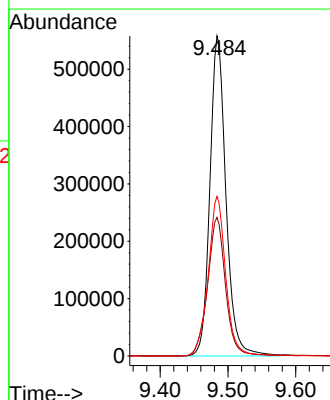
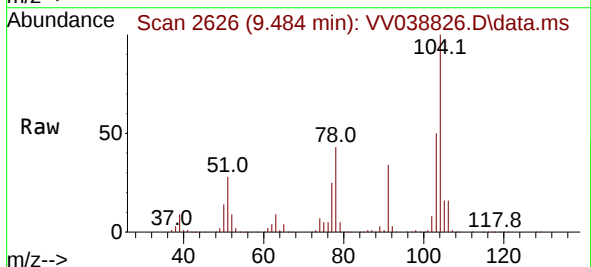
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

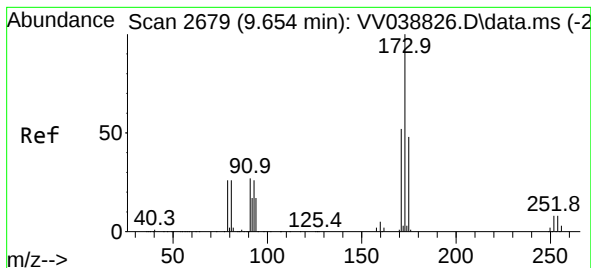
Tgt Ion:106 Resp: 509329  
Ion Ratio Lower Upper  
106 100  
91 212.1 106.1 318.1



#70  
Styrene  
Concen: 57.555 ug/l  
RT: 9.484 min Scan# 2626  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion:104 Resp: 918096  
Ion Ratio Lower Upper  
104 100  
78 48.5 38.8 58.2  
103 54.3 43.4 65.2





#71

Bromoform

Concen: 50.563 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICCC050

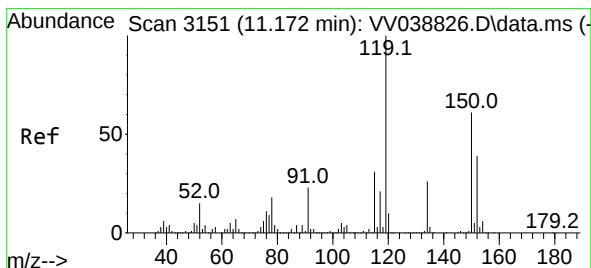
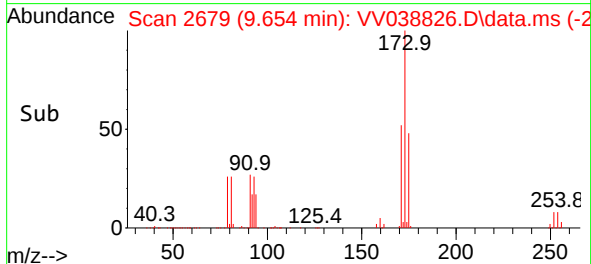
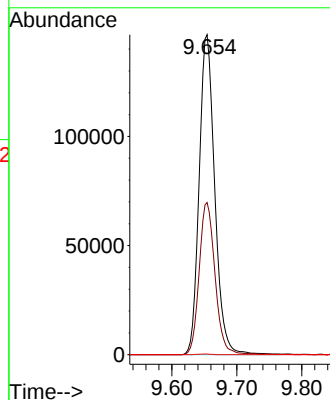
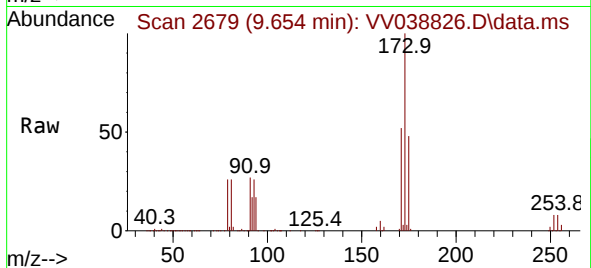
Tgt Ion:173 Resp: 245414

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

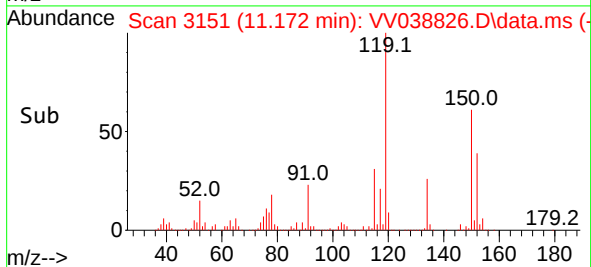
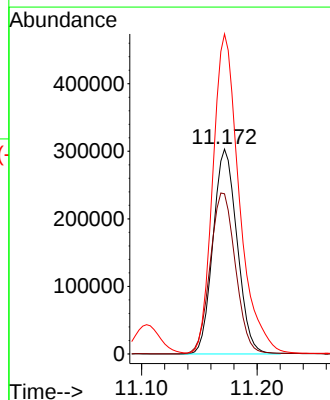
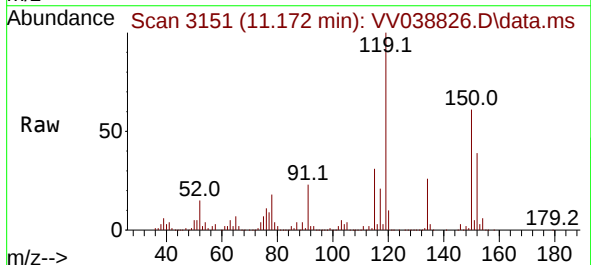
Tgt Ion:152 Resp: 438382

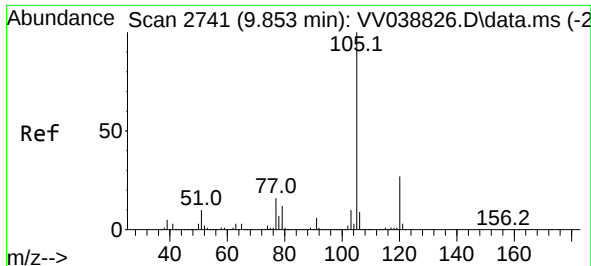
Ion Ratio Lower Upper

152 100

115 82.5 41.3 123.7

150 172.3 0.0 344.6

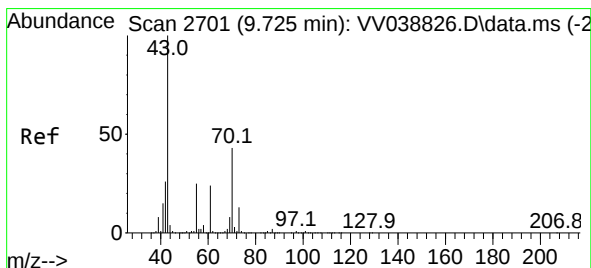
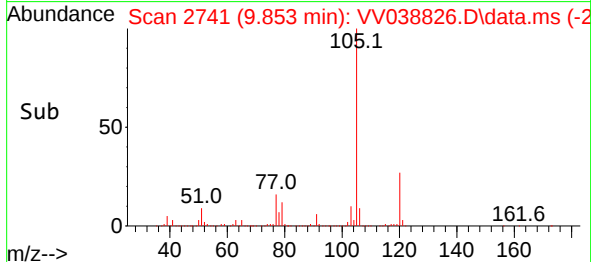
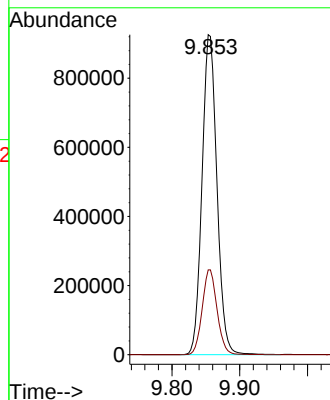
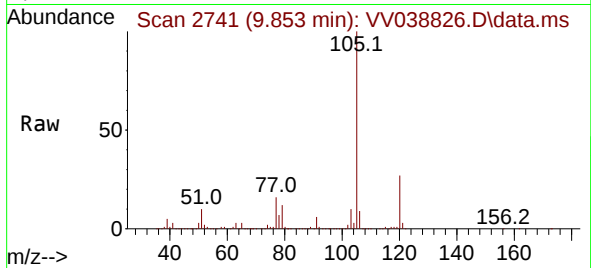




#73  
Isopropylbenzene  
Concen: 52.844 ug/l  
RT: 9.853 min Scan# 2741  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

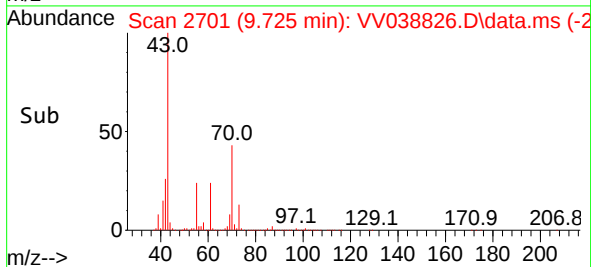
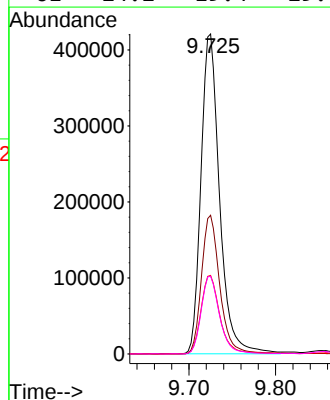
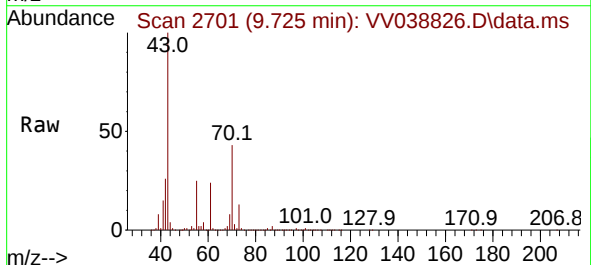
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

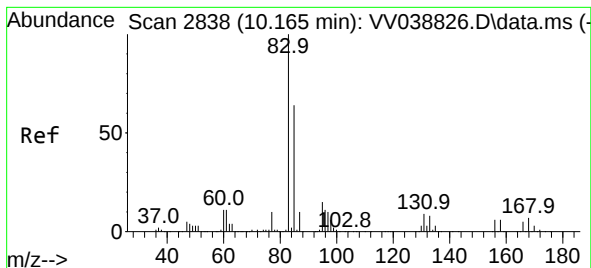
Tgt Ion:105 Resp: 1412412  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.2 39.6



#74  
N-ethyl acetate  
Concen: 53.786 ug/l  
RT: 9.725 min Scan# 2701  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 43 Resp: 626804  
Ion Ratio Lower Upper  
43 100  
70 43.0 34.4 51.6  
55 25.0 20.0 30.0  
61 24.2 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.020 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICCC050

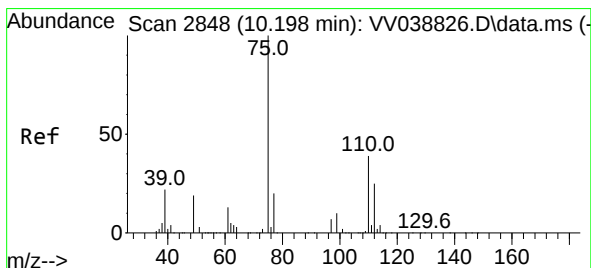
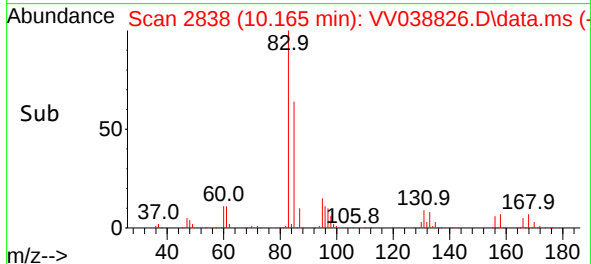
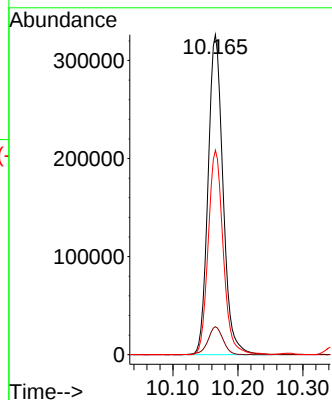
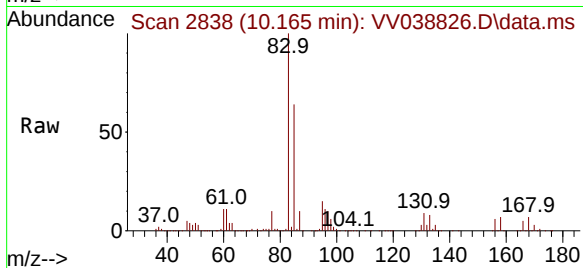
Tgt Ion: 83 Resp: 523274

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.4

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 49.749 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038826.D

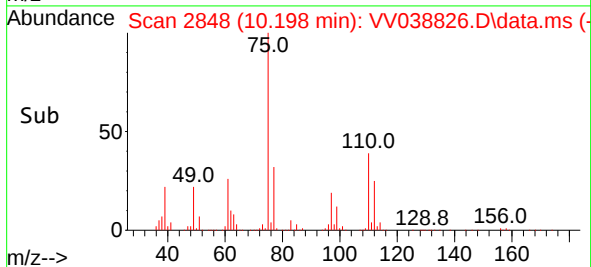
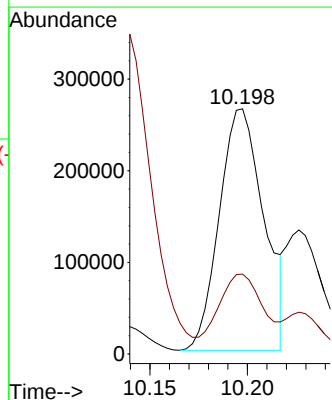
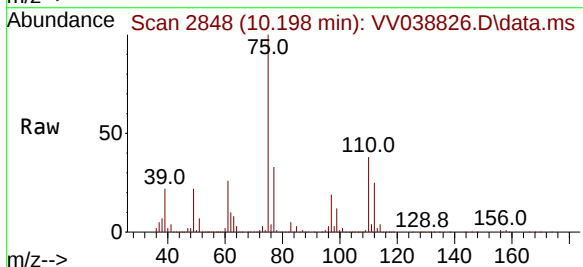
Acq: 27 Jun 2025 10:01

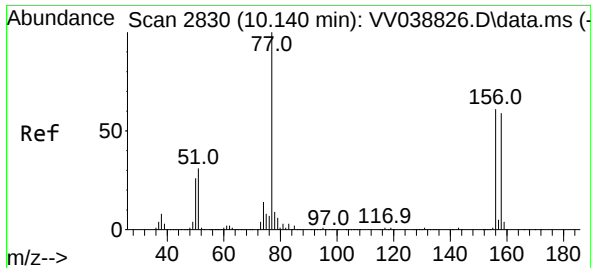
Tgt Ion: 75 Resp: 419227

Ion Ratio Lower Upper

75 100

77 34.7 17.3 52.0

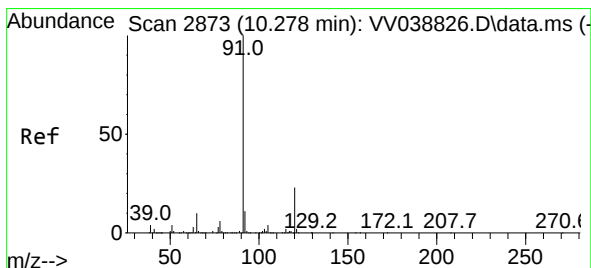
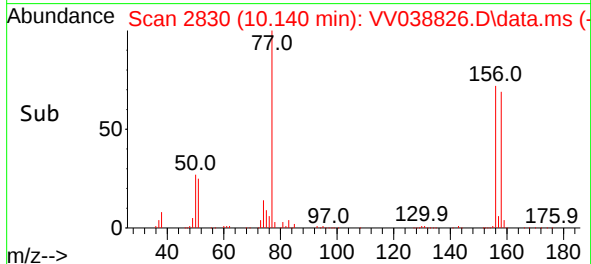
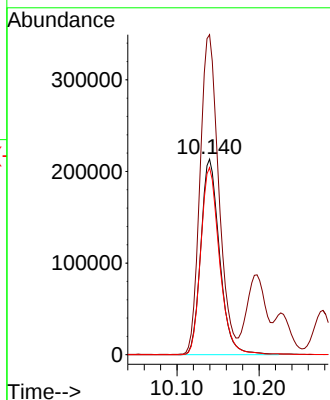
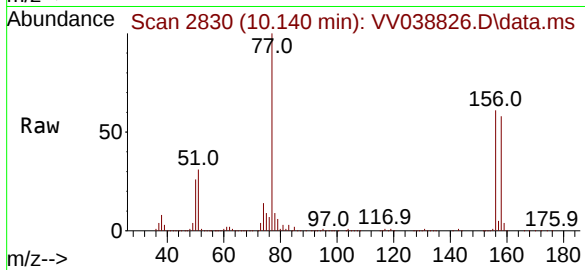




#77  
Bromobenzene  
Concen: 50.129 ug/l  
RT: 10.140 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

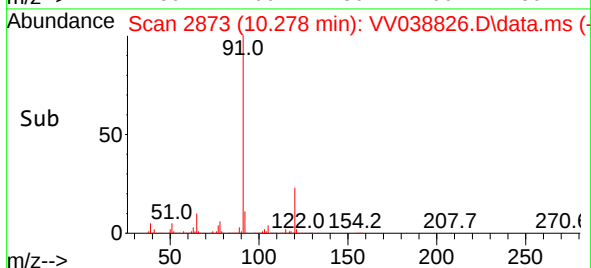
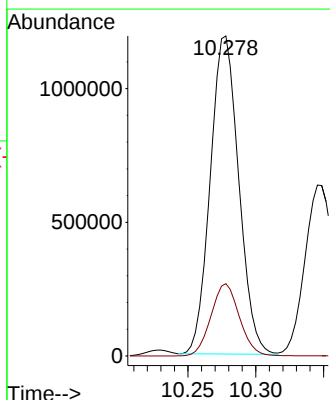
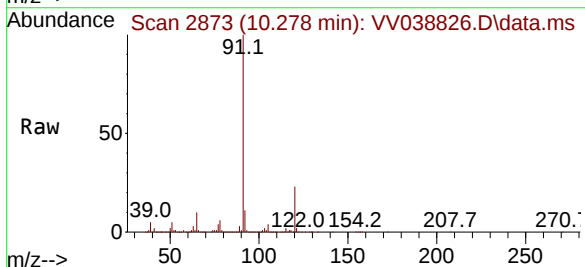
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

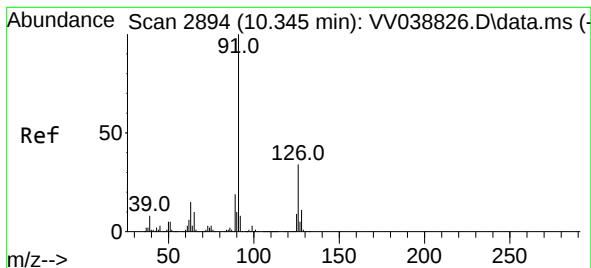
Tgt Ion:156 Resp: 337805  
Ion Ratio Lower Upper  
156 100  
77 163.1 81.5 244.6  
158 96.0 48.0 144.0



#78  
n-propylbenzene  
Concen: 53.840 ug/l  
RT: 10.278 min Scan# 2873  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 91 Resp: 1740302  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 51.712 ug/l

RT: 10.345 min Scan# 2894

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

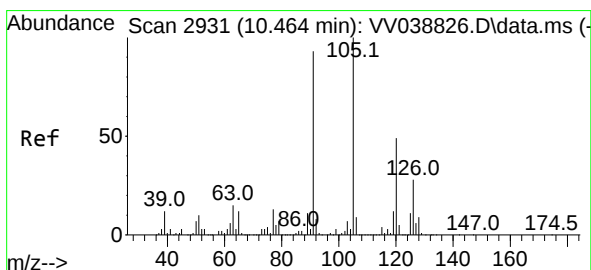
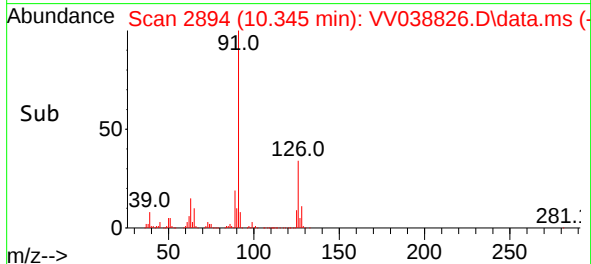
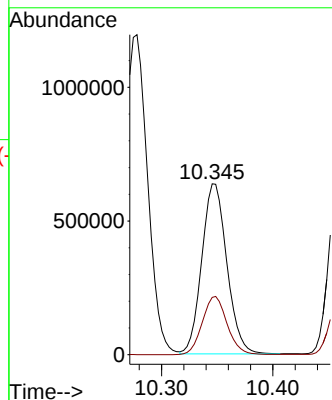
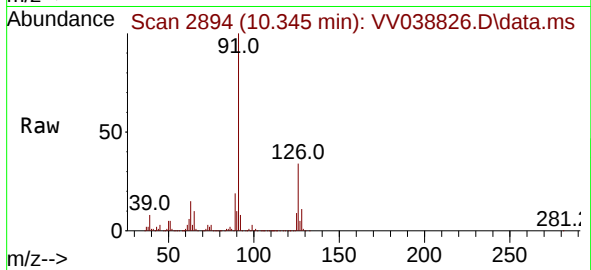
VSTDICCC050

Tgt Ion: 91 Resp: 994507

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 54.231 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV038826.D

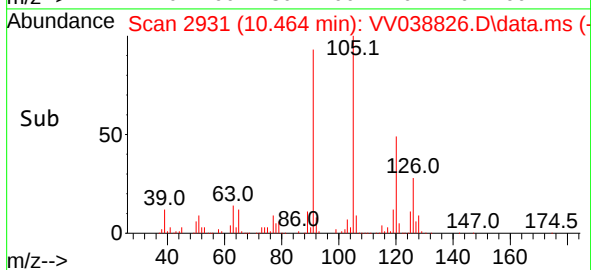
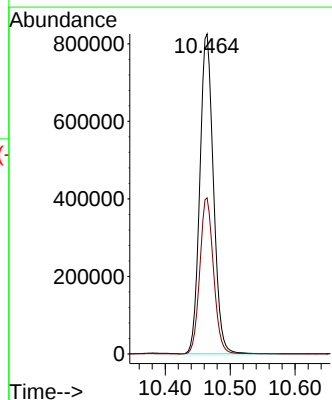
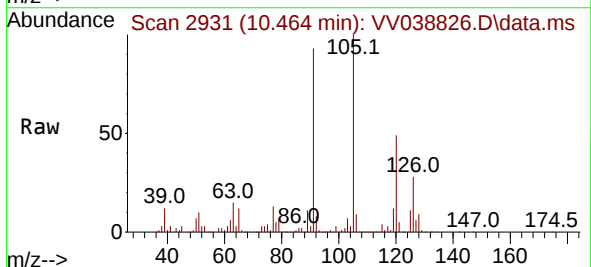
Acq: 27 Jun 2025 10:01

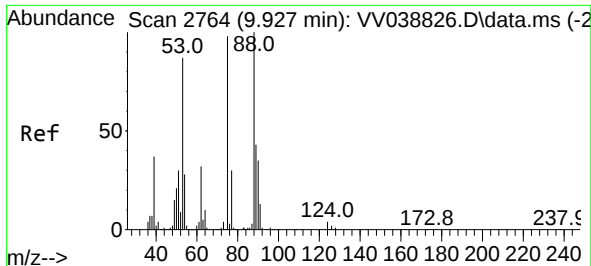
Tgt Ion:105 Resp: 1204473

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.6

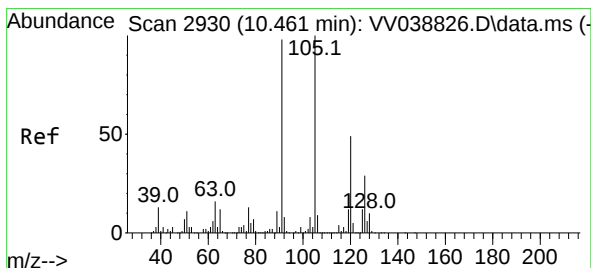
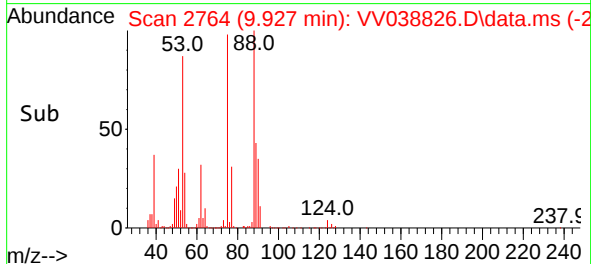
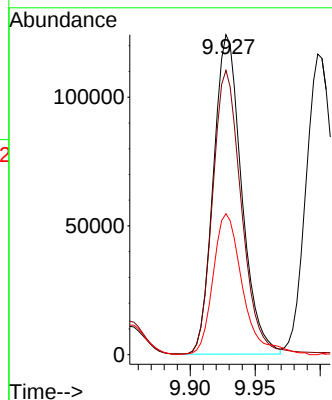
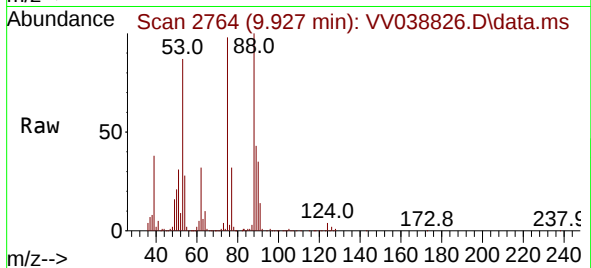




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.449 ug/l  
RT: 9.927 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

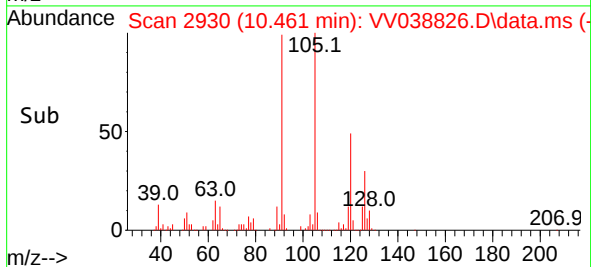
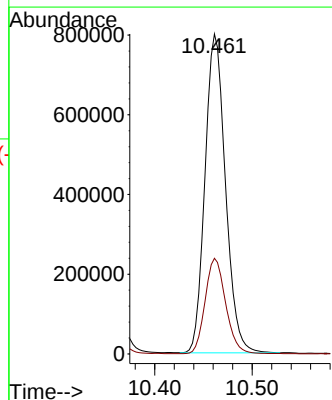
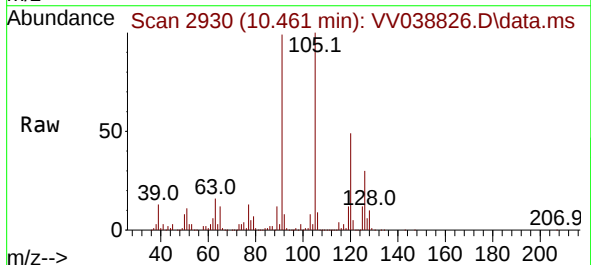
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

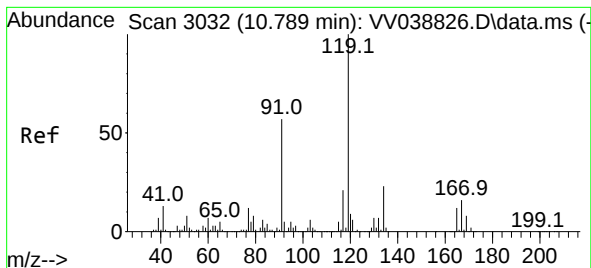
Tgt Ion: 75 Resp: 187215  
Ion Ratio Lower Upper  
75 100  
53 90.8 72.6 109.0  
89 46.3 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 52.564 ug/l  
RT: 10.461 min Scan# 2930  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion: 91 Resp: 1165492  
Ion Ratio Lower Upper  
91 100  
126 30.2 15.1 45.3





#83

tert-Butylbenzene

Concen: 52.366 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

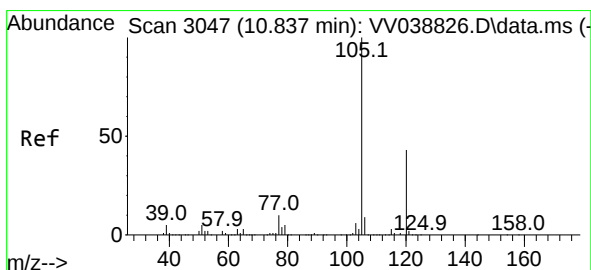
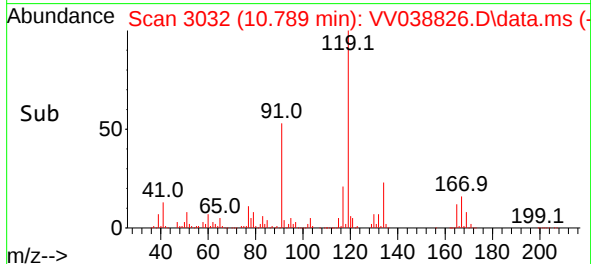
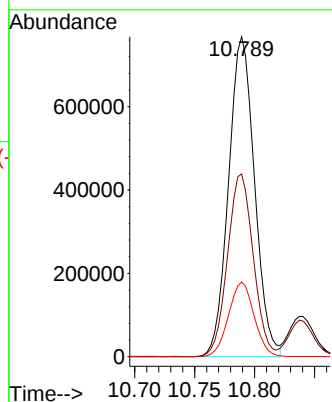
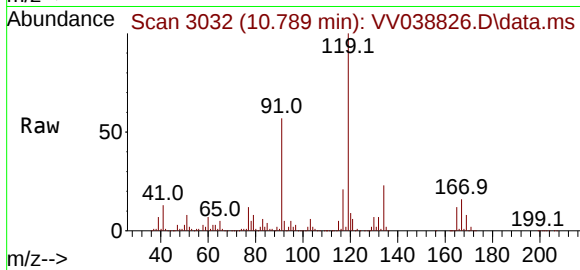
MSVOA\_V

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 1159746

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 56.4  | 28.2  | 84.6  |
| 134 | 23.0  | 11.5  | 34.5  |



#84

1,2,4-Trimethylbenzene

Concen: 55.351 ug/l

RT: 10.837 min Scan# 3047

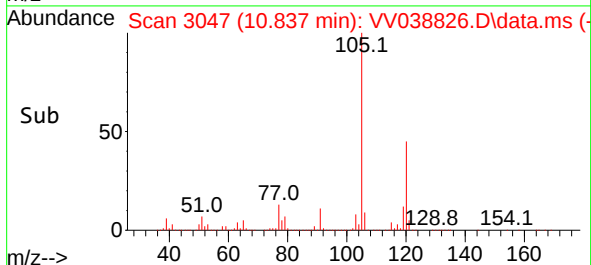
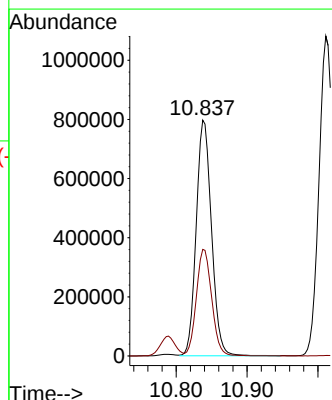
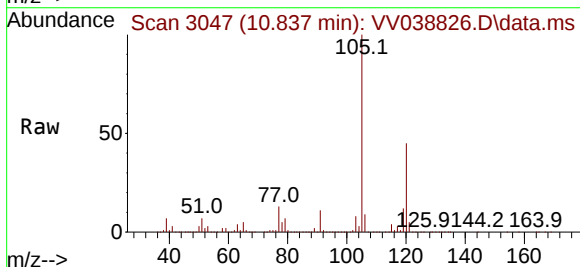
Delta R.T. 0.000 min

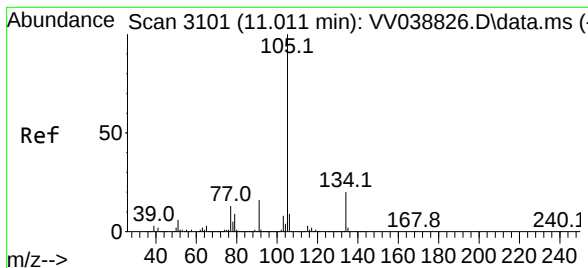
Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Tgt Ion:105 Resp: 1192059

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 45.5  | 22.8  | 68.3  |





#85

sec-Butylbenzene

Concen: 53.920 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

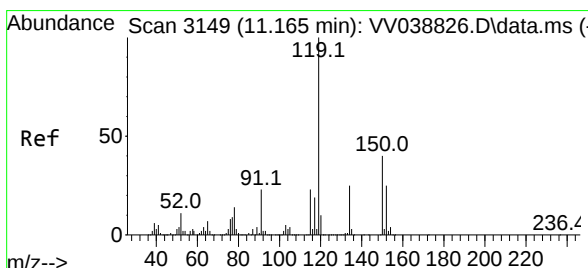
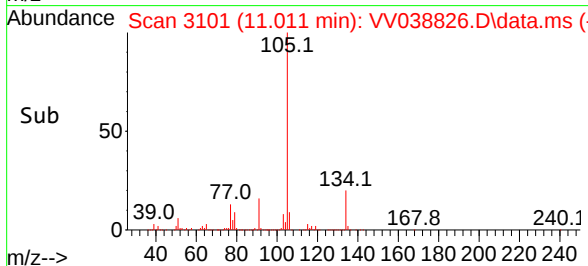
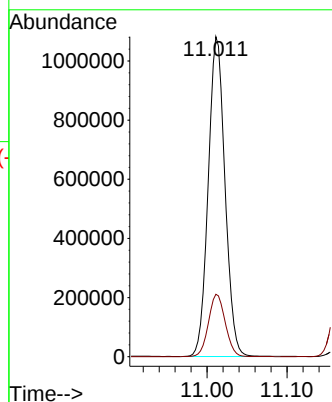
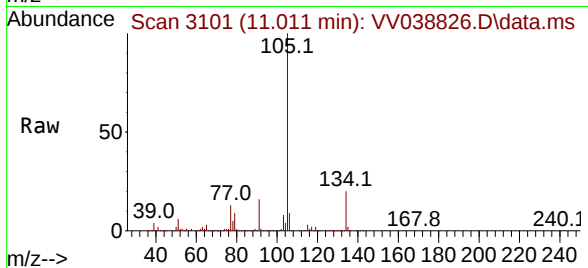
VSTDICCC050

Tgt Ion:105 Resp: 1575050

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 53.208 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

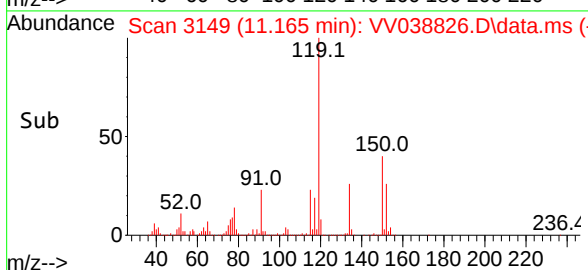
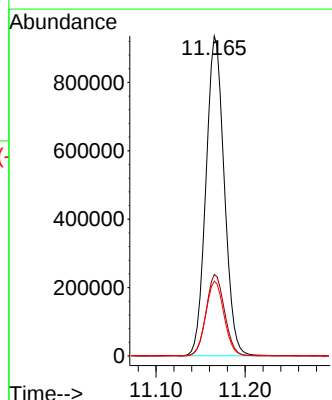
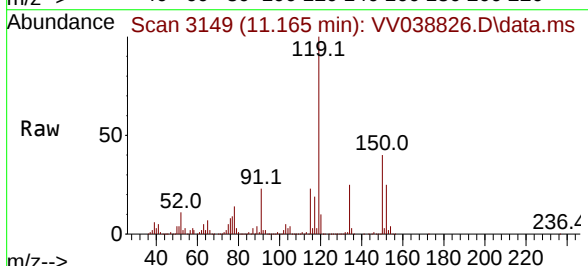
Tgt Ion:119 Resp: 1327964

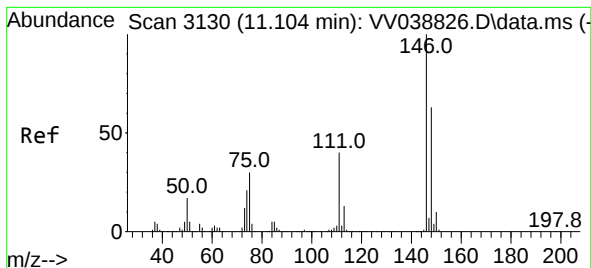
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 49.095 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICCC050

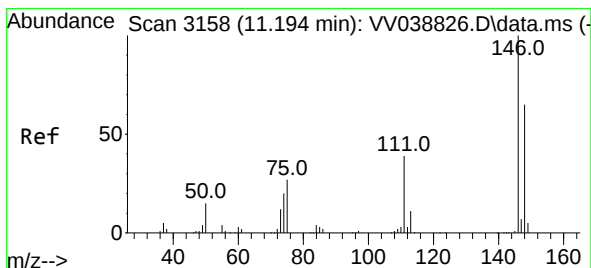
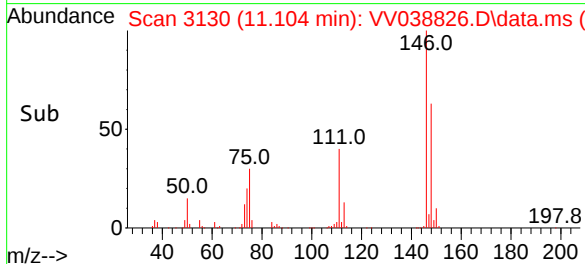
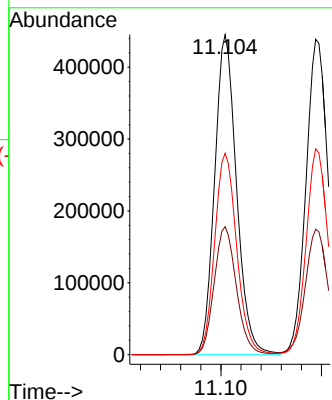
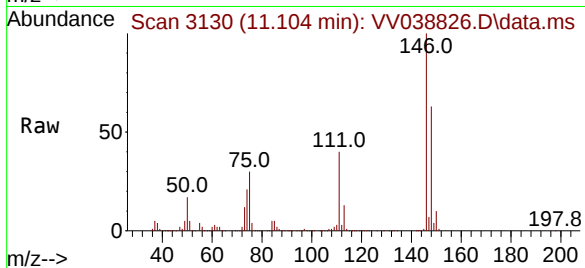
Tgt Ion:146 Resp: 673396

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 46.021 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

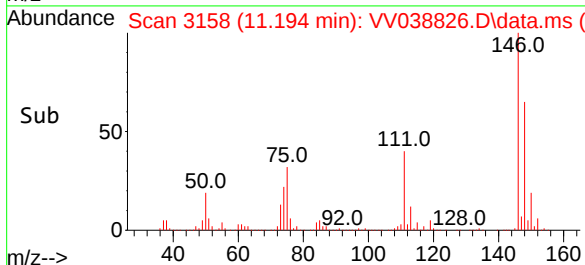
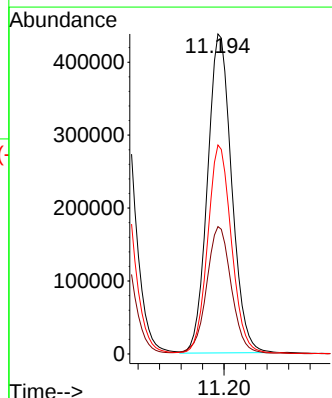
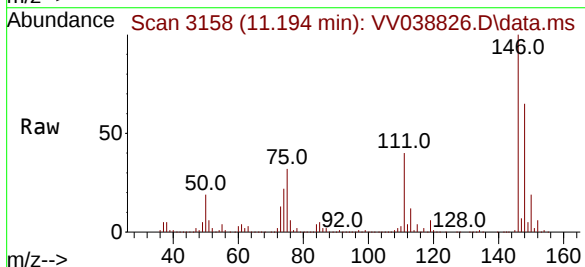
Tgt Ion:146 Resp: 683728

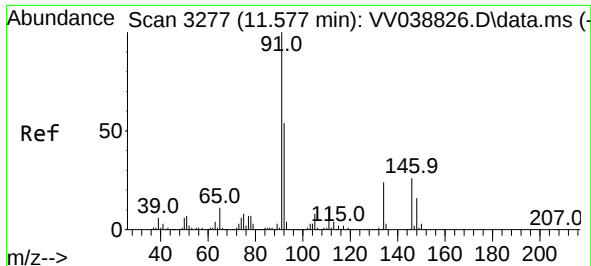
Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.5

148 64.6 32.3 96.9





#89

n-Butylbenzene

Concen: 53.229 ug/l

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

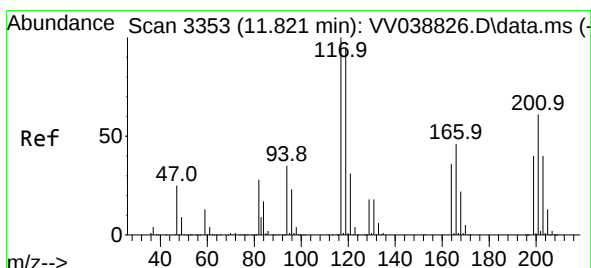
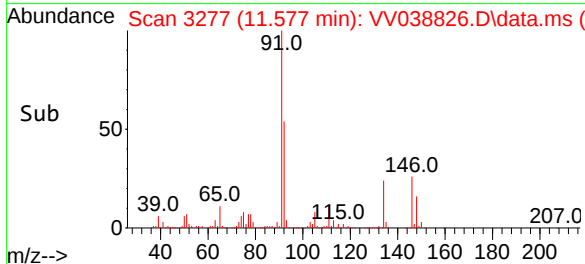
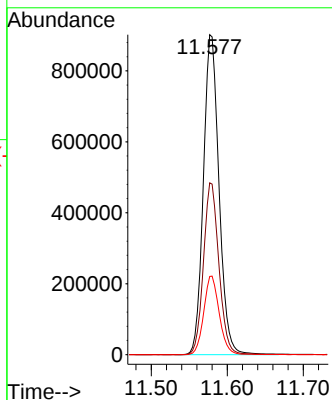
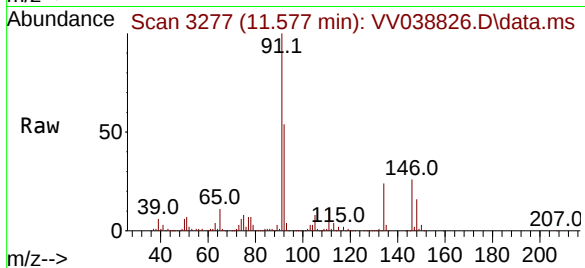
MSVOA\_V

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1286690

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.1  | 26.6  | 79.7  |
| 134 | 24.5  | 12.3  | 36.8  |



#90

Hexachloroethane

Concen: 47.640 ug/l

RT: 11.821 min Scan# 3353

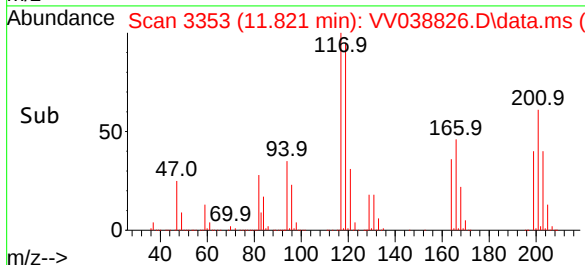
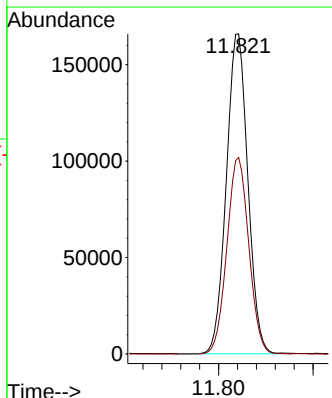
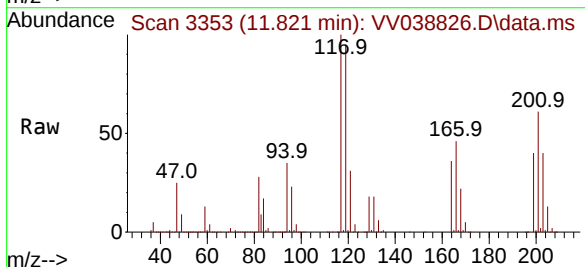
Delta R.T. 0.000 min

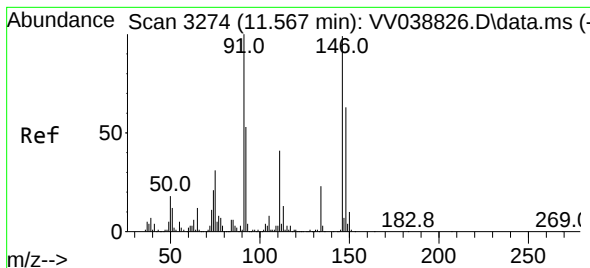
Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Tgt Ion: 117 Resp: 261762

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 62.7  | 31.4  | 94.0  |





#91

1,2-Dichlorobenzene

Concen: 47.850 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICCC050

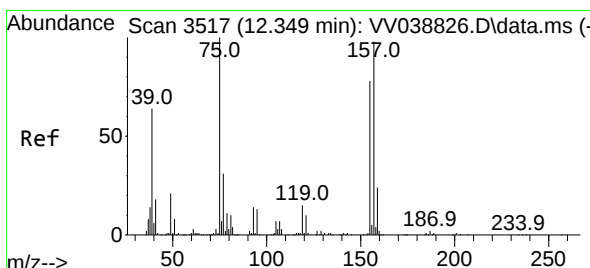
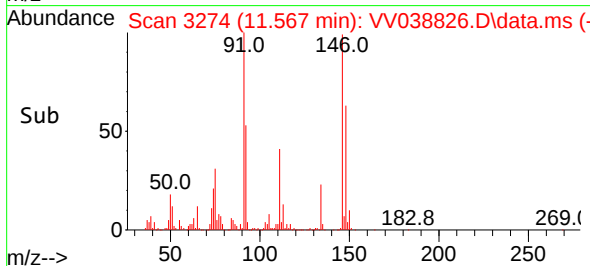
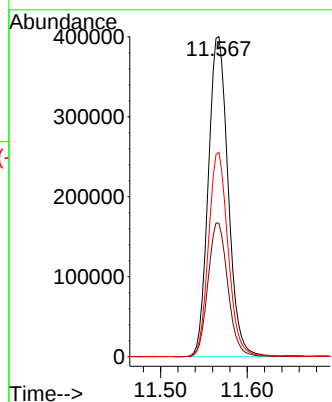
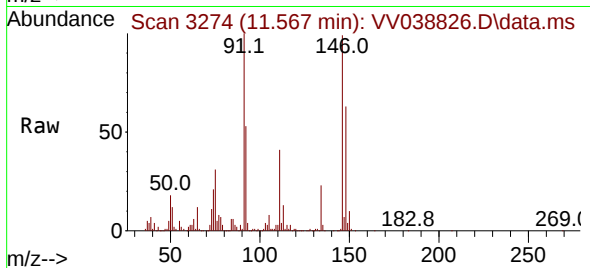
Tgt Ion:146 Resp: 636273

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

148 63.2 31.6 94.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.233 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

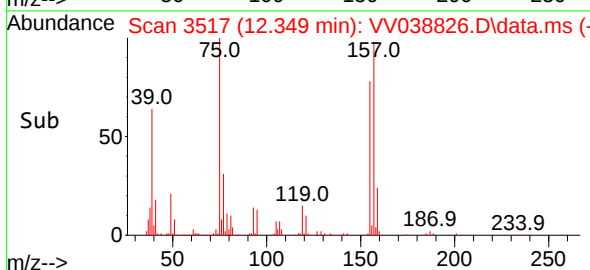
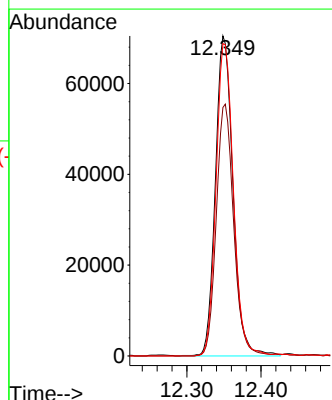
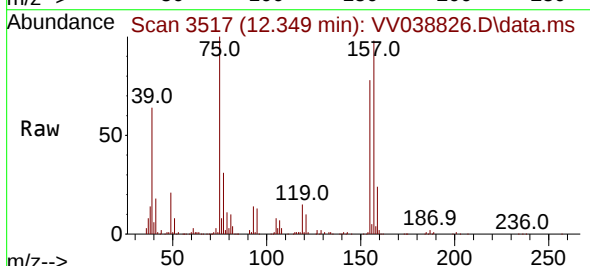
Tgt Ion: 75 Resp: 116158

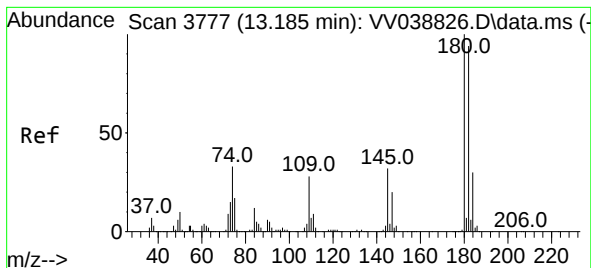
Ion Ratio Lower Upper

75 100

155 77.9 39.0 116.9

157 96.5 48.3 144.8





#93

1,2,4-Trichlorobenzene

Concen: 51.715 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA\_V

ClientSampleId :

VSTDICCC050

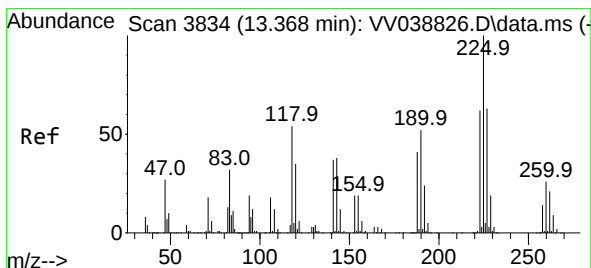
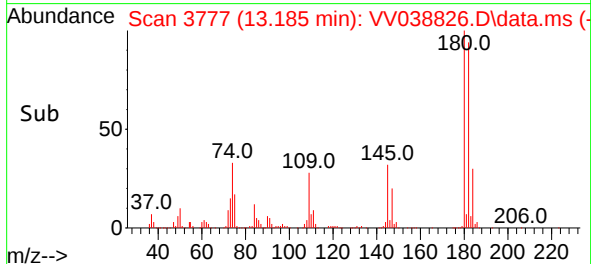
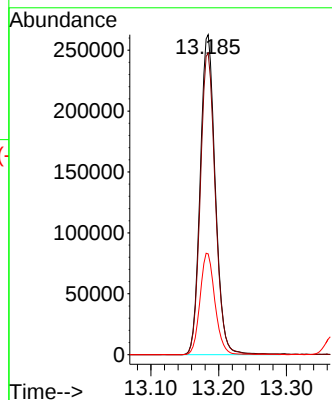
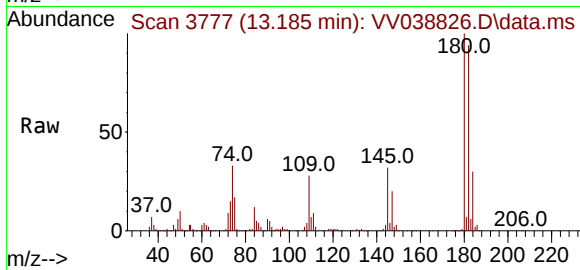
Tgt Ion:180 Resp: 405704

Ion Ratio Lower Upper

180 100

182 93.7 46.9 140.6

145 31.5 15.8 47.3



#94

Hexachlorobutadiene

Concen: 47.113 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

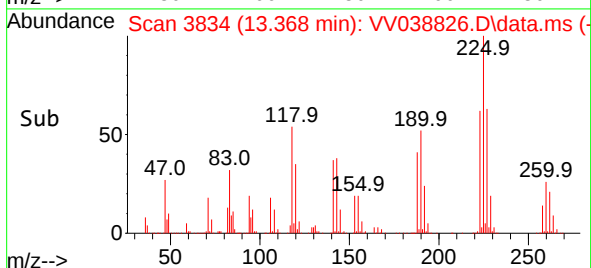
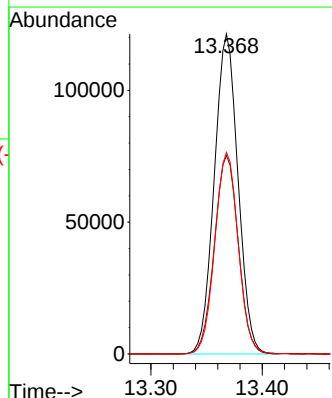
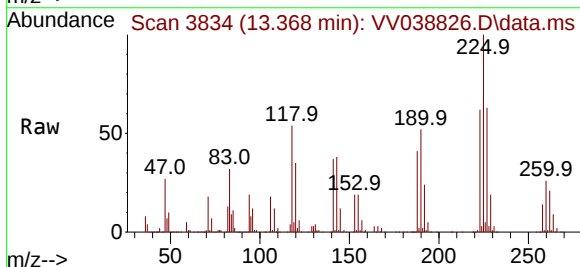
Tgt Ion:225 Resp: 179744

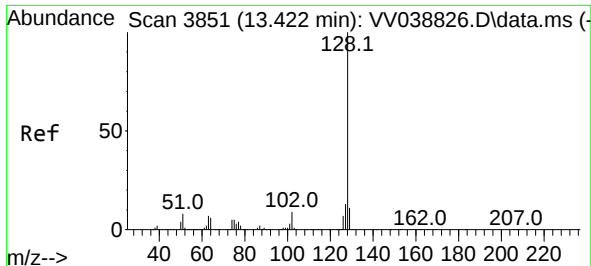
Ion Ratio Lower Upper

225 100

223 62.5 31.3 93.8

227 62.0 31.0 93.0

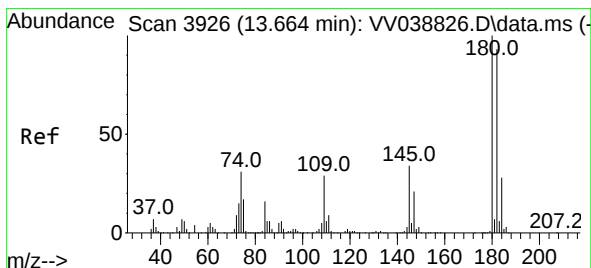
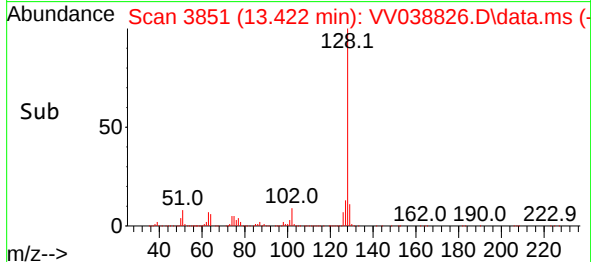
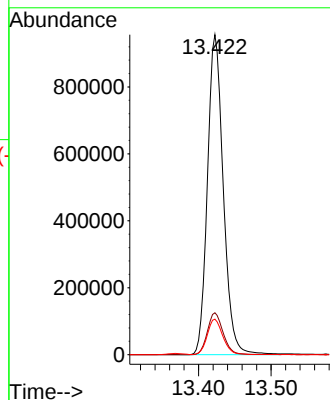
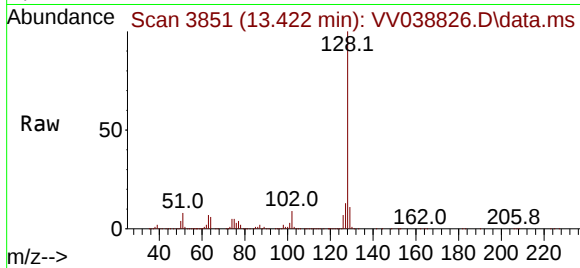




#95  
Naphthalene  
Concen: 47.020 ug/l  
RT: 13.422 min Scan# 3851  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTDICCC050

Tgt Ion:128 Resp: 1453766  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 10.8 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 51.827 ug/l  
RT: 13.664 min Scan# 3926  
Delta R.T. 0.000 min  
Lab File: VV038826.D  
Acq: 27 Jun 2025 10:01

Tgt Ion:180 Resp: 417674  
Ion Ratio Lower Upper  
180 100  
182 94.5 47.3 141.8  
145 33.9 17.0 50.9

