

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060425\  
 Data File : VD080403.D  
 Acq On : 04 Jun 2025 08:37  
 Operator : RP/MD  
 Sample : VSTDICC005  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC005

Quant Time: Jun 05 01:56:39 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060425S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 05 01:47:12 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.876  | 168   | 157659   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.776  | 114   | 270679   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.582 | 117   | 221421   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.517 | 152   | 112061   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.235  | 65    | 10821    | 5.657    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 11.320%# |
| 35) Dibromofluoromethane     | 7.806  | 113   | 8309     | 4.912    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 9.820%#  |
| 50) Toluene-d8               | 10.270 | 98    | 30609    | 4.631    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 9.260%#  |
| 62) 4-Bromofluorobenzene     | 12.570 | 95    | 9514     | 4.584    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | =      | 9.160%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.935  | 85    | 10534    | 6.139    | ug/l   | 96       |
| 3) Chloromethane             | 2.147  | 50    | 18166    | 5.998    | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.288  | 62    | 19819    | 5.832    | ug/l   | 94       |
| 5) Bromomethane              | 2.700  | 94    | 13528    | 6.337    | ug/l   | 95       |
| 6) Chloroethane              | 2.841  | 64    | 12736    | 5.791    | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.176  | 101   | 17373    | 5.659    | ug/l   | 99       |
| 8) Diethyl Ether             | 3.600  | 74    | 5889     | 5.801    | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 3.965  | 101   | 11075    | 6.066    | ug/l   | 96       |
| 10) Methyl Iodide            | 4.165  | 142   | 8153     | 4.386    | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.064  | 59    | 3567     | 29.826   | ug/l # | 77       |
| 12) 1,1-Dichloroethene       | 3.941  | 96    | 10781    | 5.767    | ug/l   | 83       |
| 13) Acrolein                 | 3.794  | 56    | 5184     | 28.420   | ug/l   | 93       |
| 14) Allyl chloride           | 4.565  | 41    | 16445    | 5.215    | ug/l   | 97       |
| 15) Acrylonitrile            | 5.253  | 53    | 12174    | 26.222   | ug/l   | 97       |
| 16) Acetone                  | 4.029  | 43    | 12431m   | 31.814   | ug/l   |          |
| 17) Carbon Disulfide         | 4.270  | 76    | 36516    | 5.612    | ug/l # | 93       |
| 18) Methyl Acetate           | 4.559  | 43    | 6766     | 5.265    | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.317  | 73    | 20608    | 4.929    | ug/l   | 95       |
| 20) Methylene Chloride       | 4.806  | 84    | 13576    | 5.951    | ug/l # | 90       |
| 21) trans-1,2-Dichloroethene | 5.312  | 96    | 10430    | 5.168    | ug/l # | 92       |
| 22) Diisopropyl ether        | 6.217  | 45    | 29146    | 4.675    | ug/l   | 91       |
| 23) Vinyl Acetate            | 6.153  | 43    | 89236    | 24.741   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.112  | 63    | 20887    | 5.540    | ug/l   | 98       |
| 25) 2-Butanone               | 7.088  | 43    | 15787    | 27.594   | ug/l # | 83       |
| 26) 2,2-Dichloropropane      | 7.070  | 77    | 16262    | 5.417    | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.082  | 96    | 11440    | 5.033    | ug/l   | 97       |
| 28) Bromochloromethane       | 7.429  | 49    | 9299     | 5.574    | ug/l # | 93       |
| 29) Tetrahydrofuran          | 7.447  | 42    | 9287     | 25.231   | ug/l   | 100      |
| 30) Chloroform               | 7.600  | 83    | 19426    | 5.308    | ug/l   | 95       |
| 31) Cyclohexane              | 7.882  | 56    | 20447    | 5.994    | ug/l # | 90       |
| 32) 1,1,1-Trichloroethane    | 7.788  | 97    | 16913    | 5.526    | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.011  | 75    | 14363    | 5.417    | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.170  | 43    | 7155m    | 5.508    | ug/l   |          |
| 38) Carbon Tetrachloride     | 7.994  | 117   | 14114    | 5.267    | ug/l   | 92       |
| 39) Methylcyclohexane        | 9.270  | 83    | 16430    | 5.232    | ug/l # | 92       |
| 40) Benzene                  | 8.247  | 78    | 41755    | 5.058    | ug/l   | 93       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060425\  
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 Operator : RP/MD  
 Sample : VSTDICC005  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC005

Quant Time: Jun 05 01:56:39 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060425S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 05 01:47:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.400  | 41   | 4736m    | 5.919  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.323  | 62   | 12535    | 5.578  | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.364  | 43   | 12799    | 5.182  | ug/l # | 91       |
| 44) Trichloroethene           | 9.023  | 130  | 9897     | 5.176  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.300  | 63   | 11069    | 5.445  | ug/l   | 89       |
| 46) Dibromomethane            | 9.400  | 93   | 6053     | 5.593  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.588  | 83   | 14616    | 5.317  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.382  | 41   | 5609     | 4.630  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.382  | 88   | 1197     | 99.148 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.158 | 43   | 29488    | 23.369 | ug/l   | 99       |
| 52) Toluene                   | 10.335 | 92   | 22278    | 4.640  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 11506    | 4.691  | ug/l # | 86       |
| 54) cis-1,3-Dichloropropene   | 10.017 | 75   | 14444    | 4.866  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.729 | 97   | 7397     | 5.249  | ug/l # | 87       |
| 56) Ethyl methacrylate        | 10.600 | 69   | 7974     | 4.452  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 10.876 | 76   | 11981    | 4.957  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.870  | 63   | 16167    | 21.537 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.917 | 43   | 20169    | 23.795 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.070 | 129  | 8919     | 5.162  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.176 | 107  | 6495     | 5.167  | ug/l   | 90       |
| 64) Tetrachloroethene         | 10.811 | 164  | 8086     | 5.439  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.605 | 112  | 26301    | 5.370  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.682 | 131  | 8965     | 5.452  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.682 | 91   | 41938    | 4.976  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.788 | 106  | 30038    | 9.392  | ug/l   | 98       |
| 69) o-Xylene                  | 12.117 | 106  | 14174    | 4.776  | ug/l   | 95       |
| 70) Styrene                   | 12.135 | 104  | 24195    | 4.619  | ug/l   | 96       |
| 71) Bromoform                 | 12.294 | 173  | 5152     | 5.543  | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.417 | 105  | 34757    | 4.569  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.229 | 43   | 10452    | 4.921  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.670 | 83   | 8077     | 5.134  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.723 | 75   | 7277m    | 5.623  | ug/l   |          |
| 77) Bromobenzene              | 12.699 | 156  | 9256     | 4.907  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.758 | 91   | 48153    | 4.875  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.846 | 91   | 28199    | 4.993  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.899 | 105  | 29917    | 4.594  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.464 | 75   | 2758     | 4.771  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 12.946 | 91   | 28413    | 4.726  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.164 | 119  | 24393    | 4.500  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.205 | 105  | 28794    | 4.381  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.341 | 105  | 39145    | 4.708  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.458 | 119  | 31944    | 4.531  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.458 | 146  | 18767    | 4.886  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.535 | 146  | 21086    | 5.389  | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.782 | 91   | 35034    | 5.036  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.046 | 117  | 8186     | 5.520  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.829 | 146  | 18609    | 5.497  | ug/l   | 93       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.440 | 75   | 1398     | 5.486  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 15.093 | 180  | 10476    | 5.062  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.199 | 225  | 5590     | 5.421  | ug/l   | 96       |
| 95) Naphthalene               | 15.329 | 128  | 18988    | 4.767  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.517 | 180  | 9339     | 5.040  | ug/l   | 95       |

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Data File : VD080403.D  
Acq On : 04 Jun 2025 08:37  
Operator : RP/MD  
Sample : VSTDICC005  
Misc : 5.00G/5ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

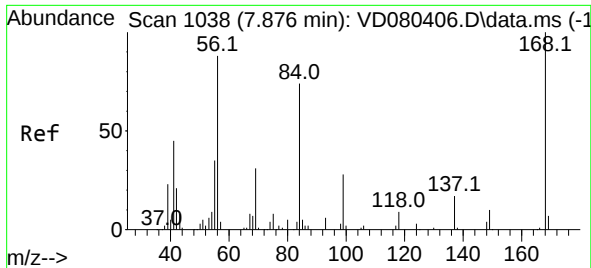
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

Quant Time: Jun 05 01:56:39 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060425S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 05 01:47:12 2025  
Response via : Initial Calibration

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

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

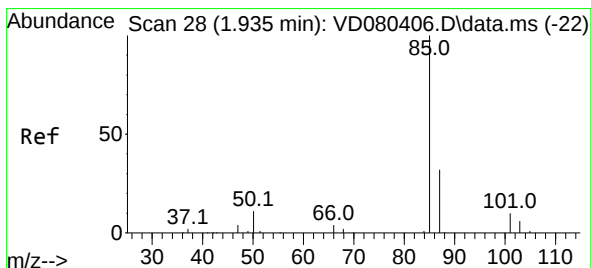
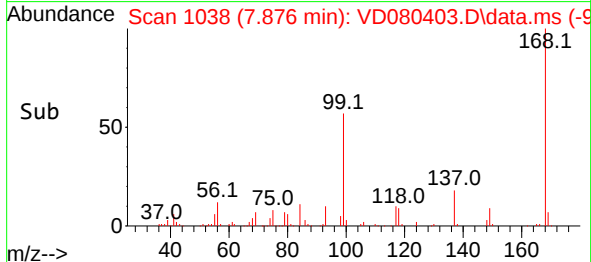
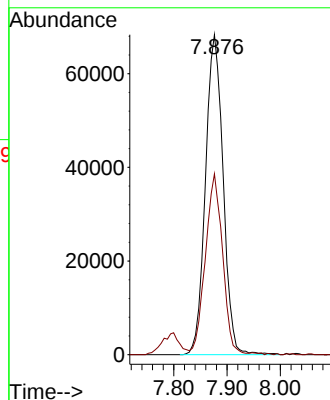
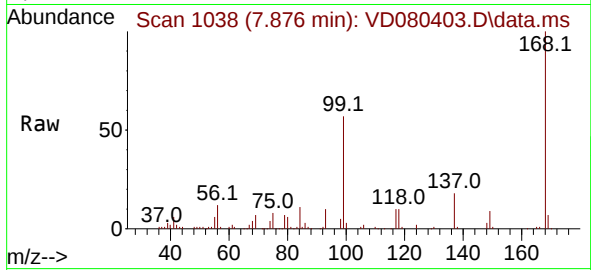




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.876 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

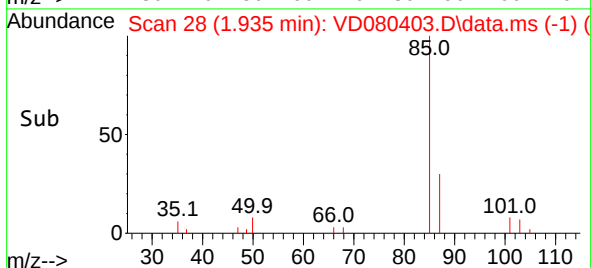
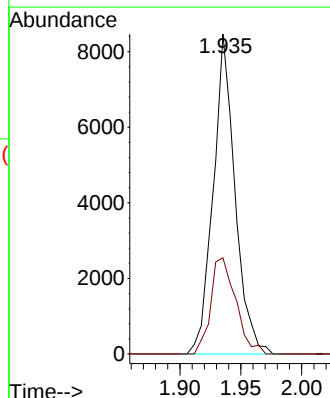
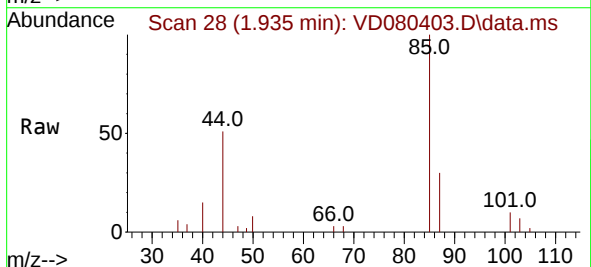
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

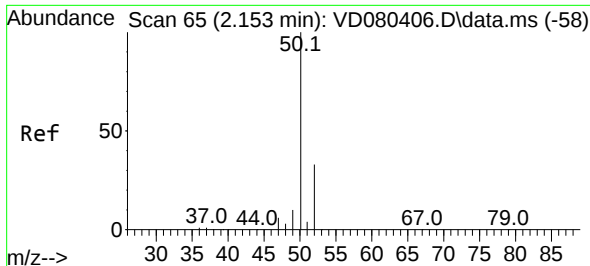
Tgt Ion:168 Resp: 157659  
Ion Ratio Lower Upper  
168 100  
99 56.5 45.8 68.6



#2  
Dichlorodifluoromethane  
Concen: 6.139 ug/l  
RT: 1.935 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 85 Resp: 10534  
Ion Ratio Lower Upper  
85 100  
87 30.0 16.2 48.5

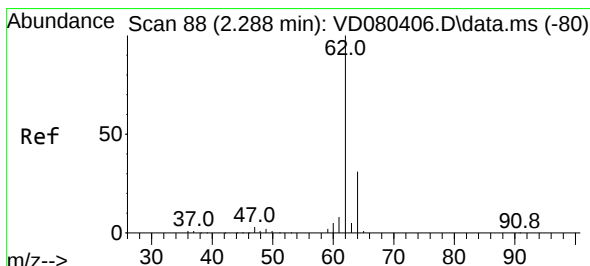
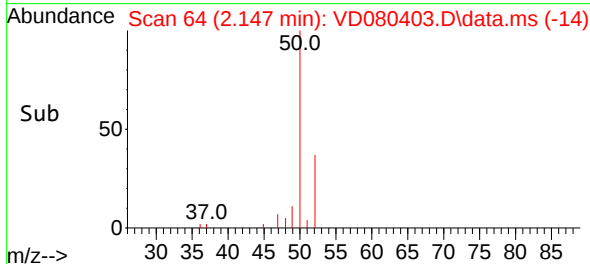
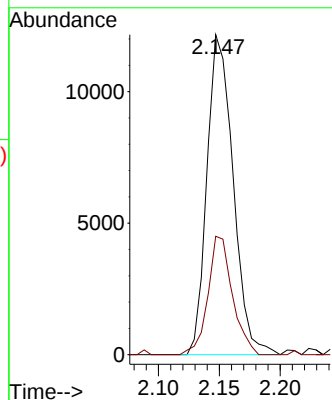
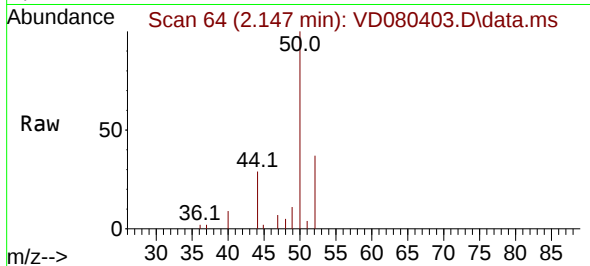




#3  
Chloromethane  
Concen: 5.998 ug/l  
RT: 2.147 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

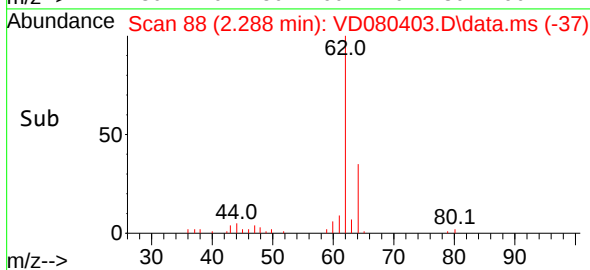
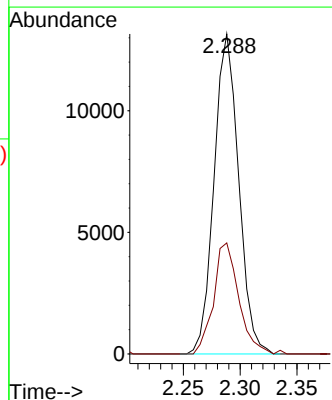
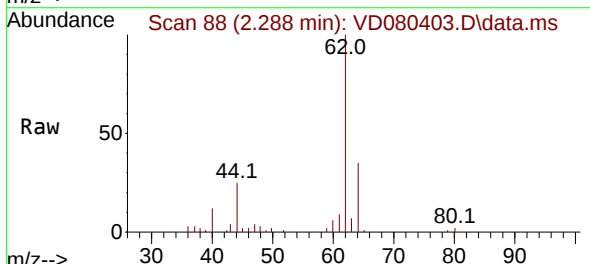
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

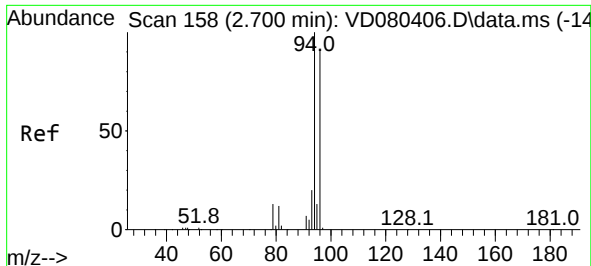
Tgt Ion: 50 Resp: 18166  
Ion Ratio Lower Upper  
50 100  
52 37.0 26.7 40.1



#4  
Vinyl Chloride  
Concen: 5.832 ug/l  
RT: 2.288 min Scan# 88  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 62 Resp: 19819  
Ion Ratio Lower Upper  
62 100  
64 34.7 25.0 37.6

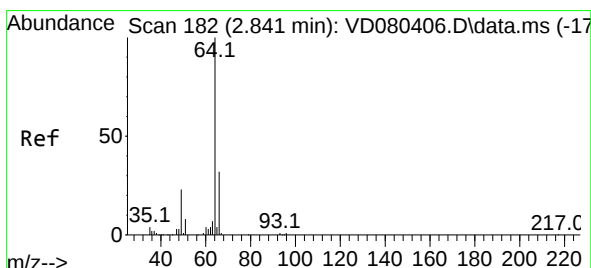
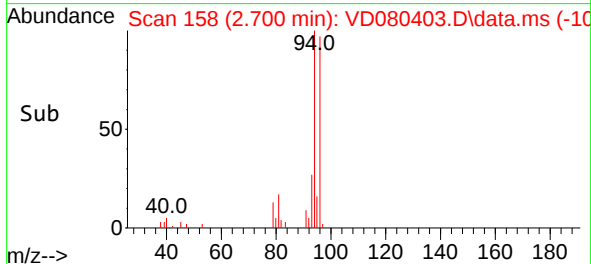
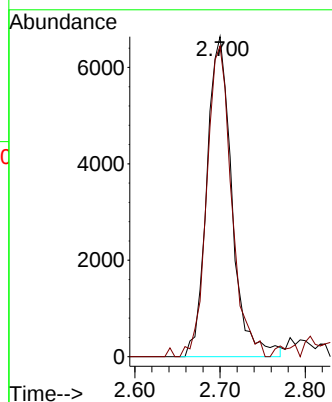
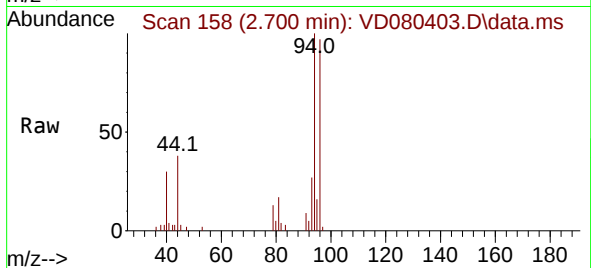




#5  
Bromomethane  
Concen: 6.337 ug/l  
RT: 2.700 min Scan# 158  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

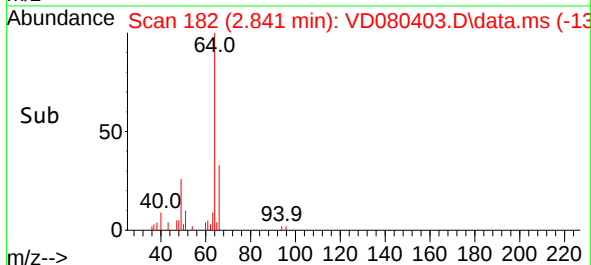
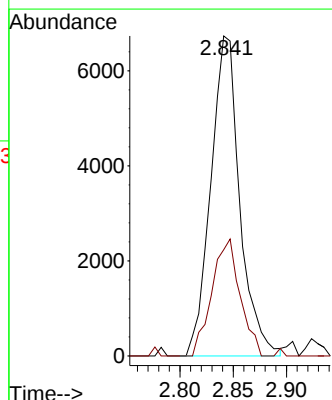
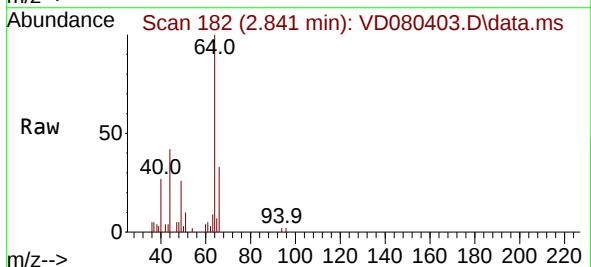
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

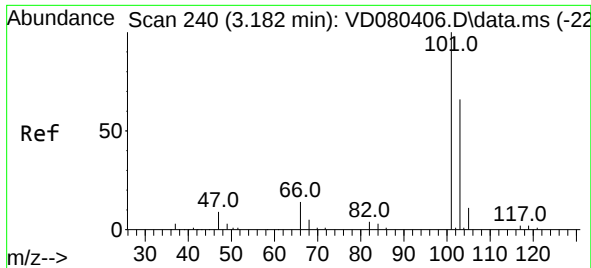
Tgt Ion: 94 Resp: 13528  
Ion Ratio Lower Upper  
94 100  
96 96.0 73.1 109.7



#6  
Chloroethane  
Concen: 5.791 ug/l  
RT: 2.841 min Scan# 182  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 64 Resp: 12736  
Ion Ratio Lower Upper  
64 100  
66 33.2 25.5 38.3

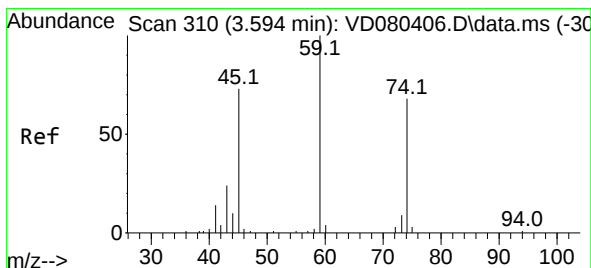
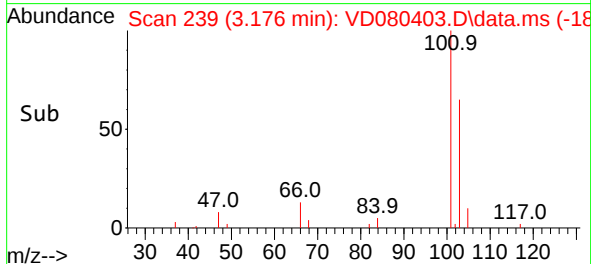
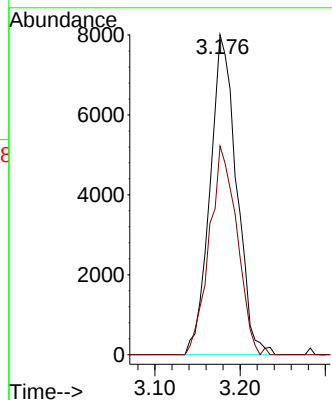
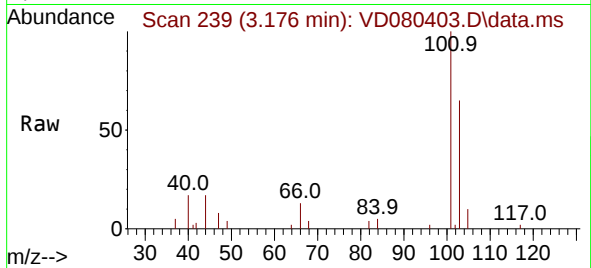




#7  
 Trichlorofluoromethane  
 Concen: 5.659 ug/l  
 RT: 3.176 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VD080403.D  
 Acq: 04 Jun 2025 08:37

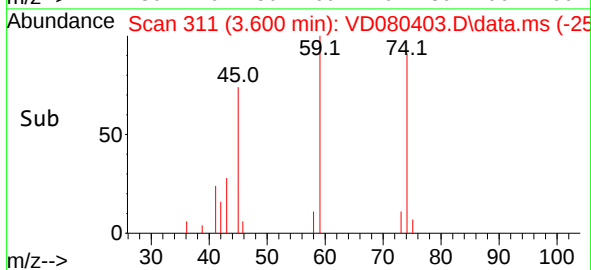
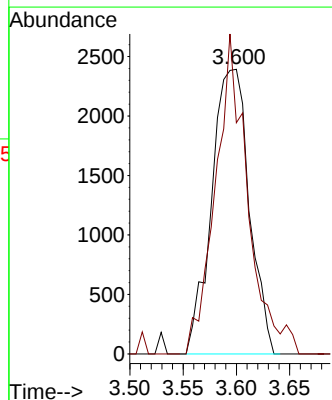
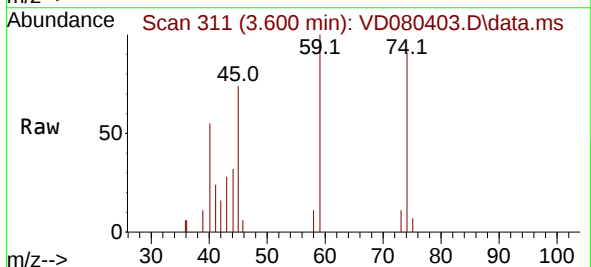
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

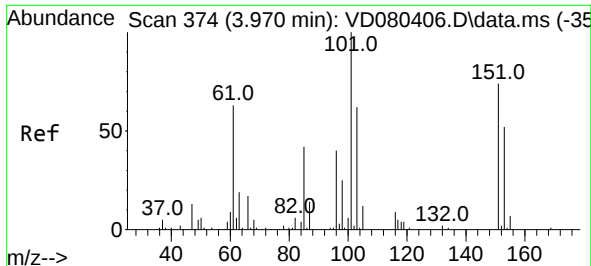
Tgt Ion:101 Resp: 17373  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 52.7 79.1



#8  
 Diethyl Ether  
 Concen: 5.801 ug/l  
 RT: 3.600 min Scan# 311  
 Delta R.T. 0.006 min  
 Lab File: VD080403.D  
 Acq: 04 Jun 2025 08:37

Tgt Ion: 74 Resp: 5889  
 Ion Ratio Lower Upper  
 74 100  
 45 96.5 51.8 155.5

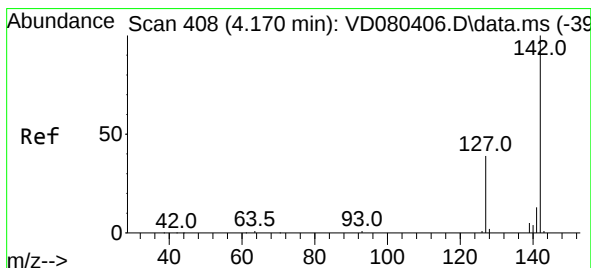
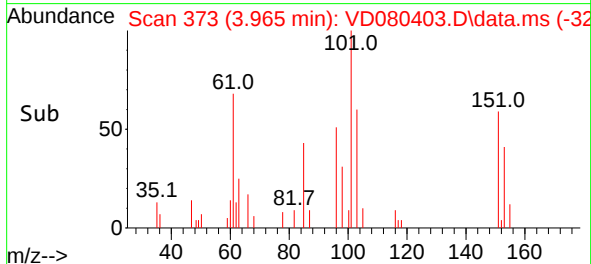
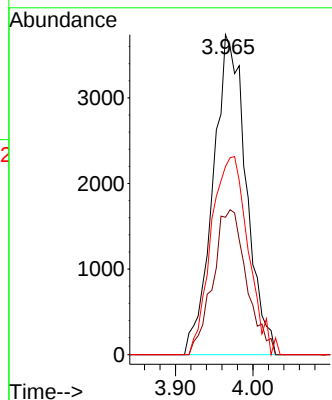
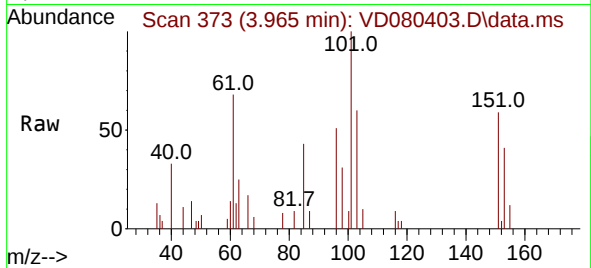




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 6.066 ug/l  
RT: 3.965 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

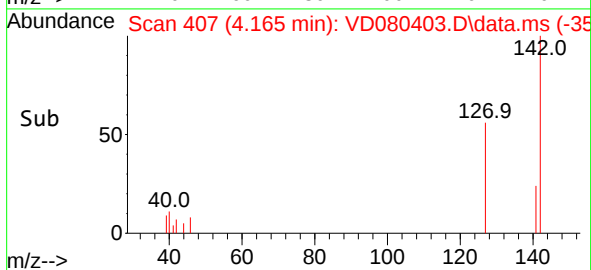
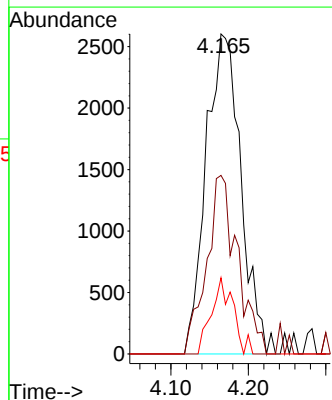
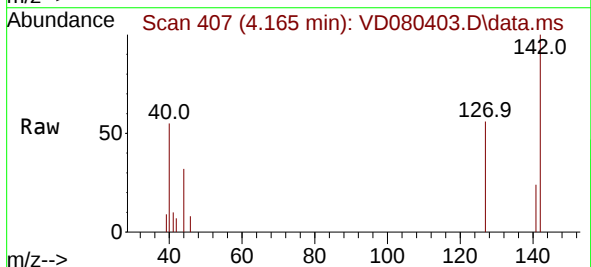
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

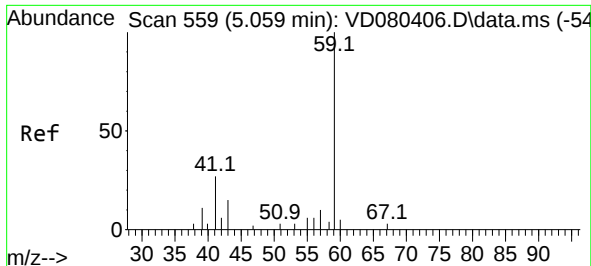
Tgt Ion:101 Resp: 11075  
Ion Ratio Lower Upper  
101 100  
85 46.3 36.6 55.0  
151 69.1 59.2 88.8



#10  
Methyl Iodide  
Concen: 4.386 ug/l  
RT: 4.165 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion:142 Resp: 8153  
Ion Ratio Lower Upper  
142 100  
127 49.4 35.8 53.8  
141 14.9 12.0 18.0

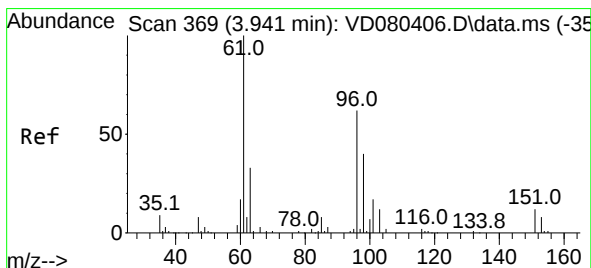
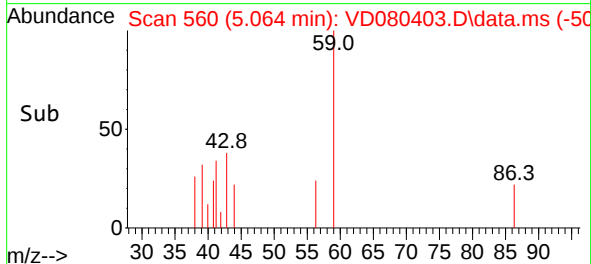
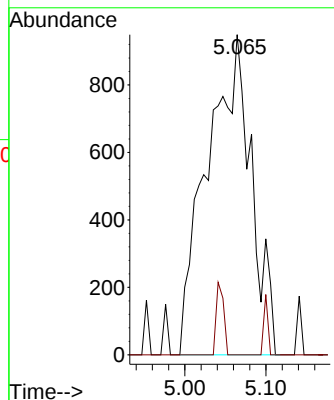
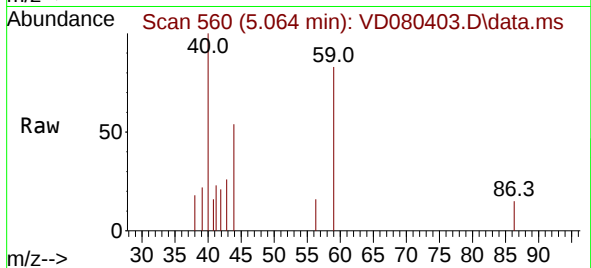




#11  
Tert butyl alcohol  
Concen: 29.826 ug/l  
RT: 5.064 min Scan# 509  
Delta R.T. 0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

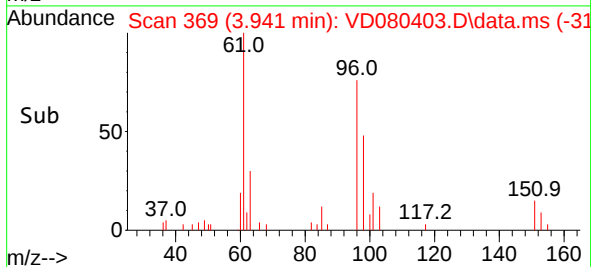
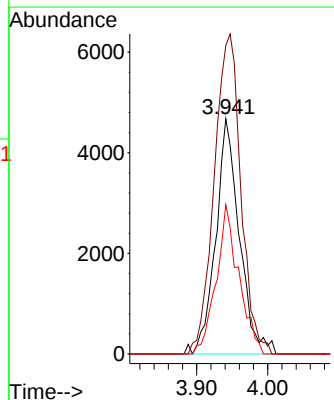
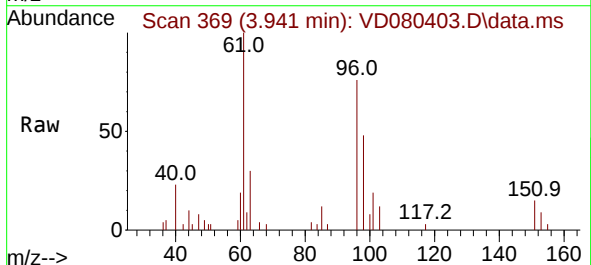
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

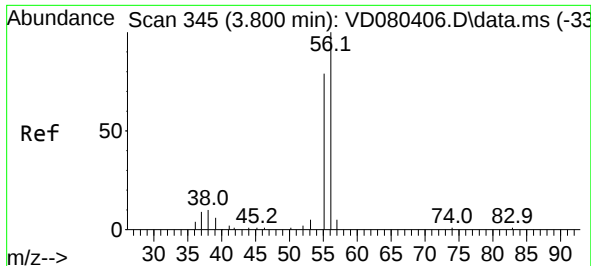
Tgt Ion: 59 Resp: 3567  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 5.767 ug/l  
RT: 3.941 min Scan# 369  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 96 Resp: 10781  
Ion Ratio Lower Upper  
96 100  
61 131.1 129.7 194.5  
98 63.5 52.0 78.0

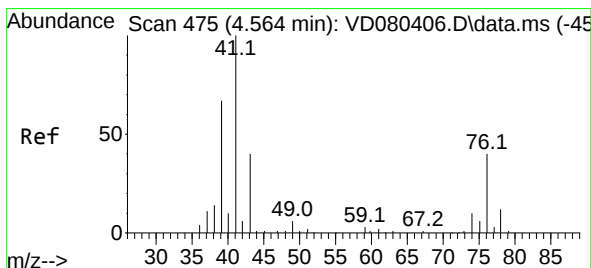
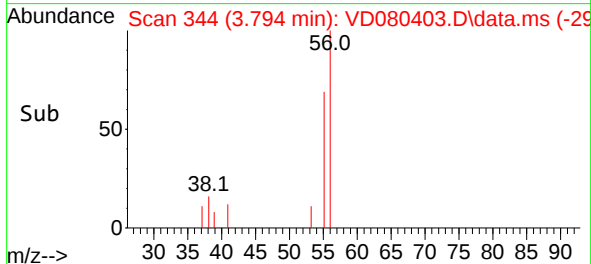
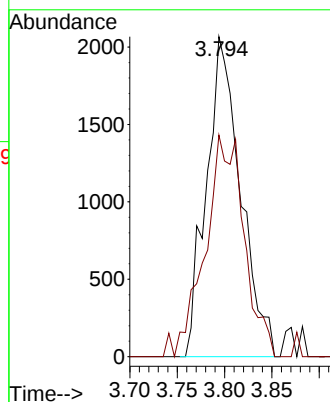
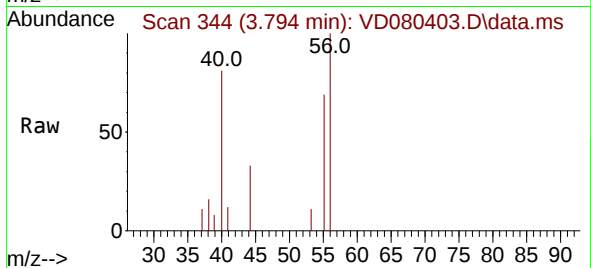




#13  
Acrolein  
Concen: 28.420 ug/l  
RT: 3.794 min Scan# 345  
Delta R.T. -0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

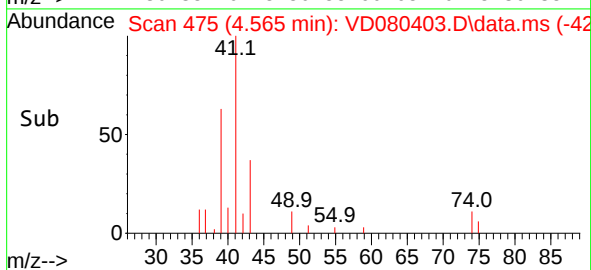
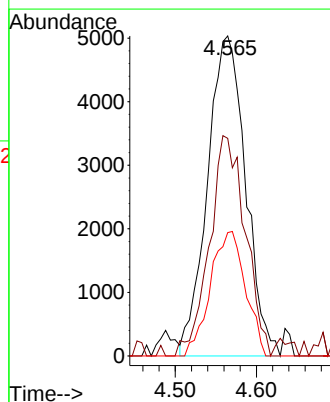
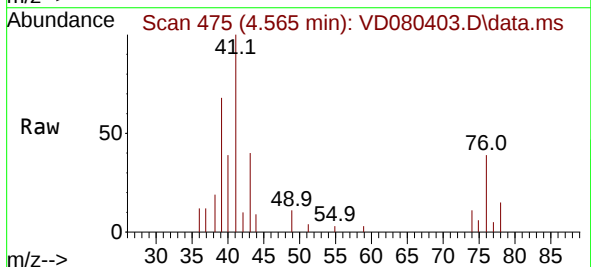
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

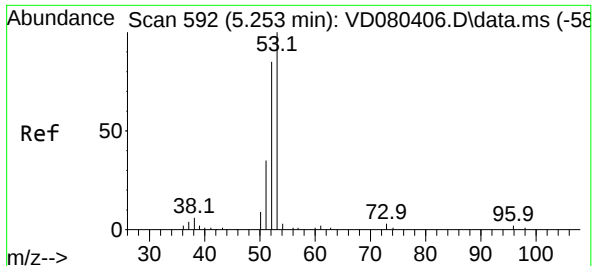
Tgt Ion: 56 Resp: 5184  
Ion Ratio Lower Upper  
56 100  
55 79.1 58.7 88.1



#14  
Allyl chloride  
Concen: 5.215 ug/l  
RT: 4.565 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 41 Resp: 16445  
Ion Ratio Lower Upper  
41 100  
39 64.7 50.0 75.0  
76 35.8 29.9 44.9

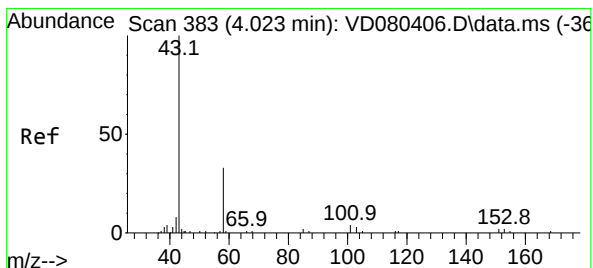
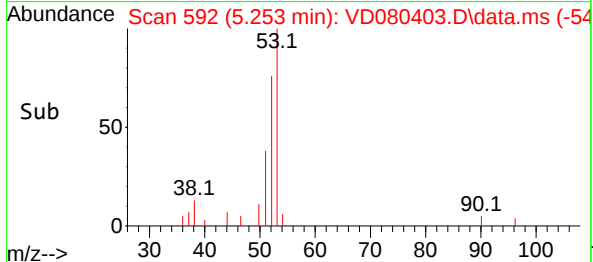
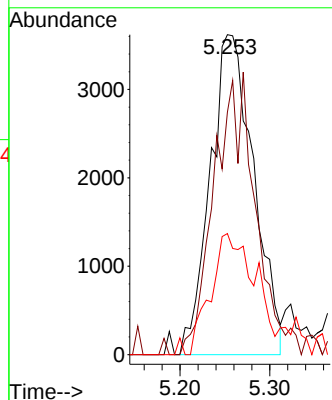
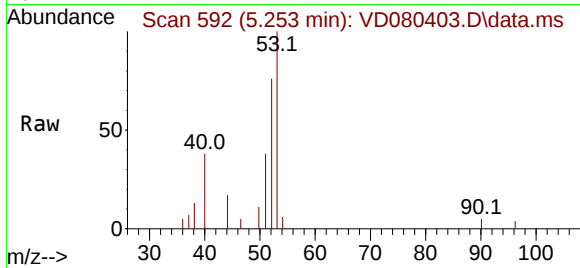




#15  
Acrylonitrile  
Concen: 26.222 ug/l  
RT: 5.253 min Scan# 592  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

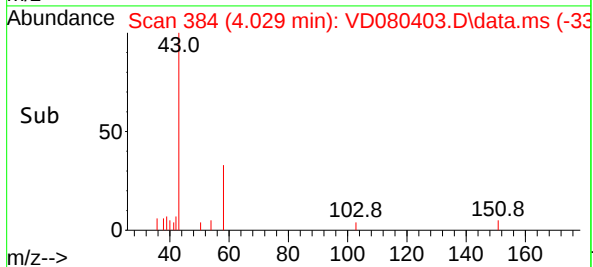
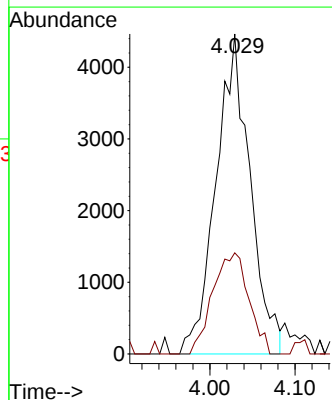
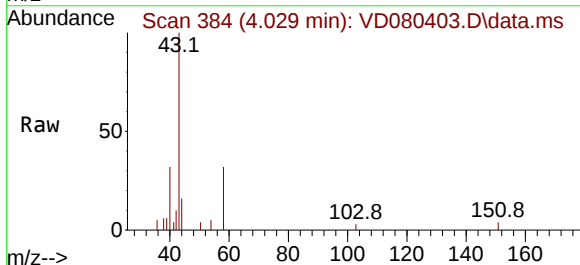
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

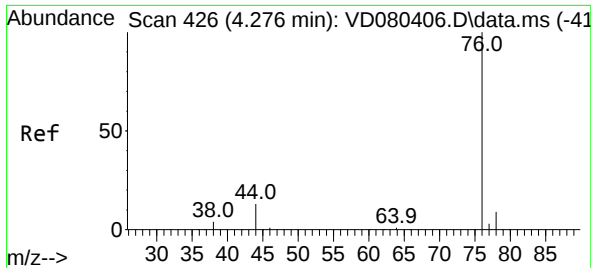
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 53 | Resp: | 12174 |       |
| Ion         | Ratio | Lower | Upper |
| 53          | 100   |       |       |
| 52          | 83.4  | 64.2  | 96.2  |
| 51          | 38.5  | 29.3  | 43.9  |



#16  
Acetone  
Concen: 31.814 ug/l m  
RT: 4.029 min Scan# 384  
Delta R.T. 0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 12431 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 31.6     | 26.6 40.0   |

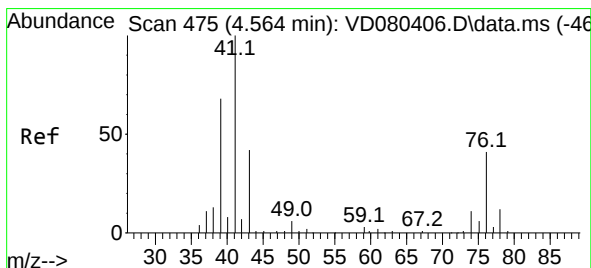
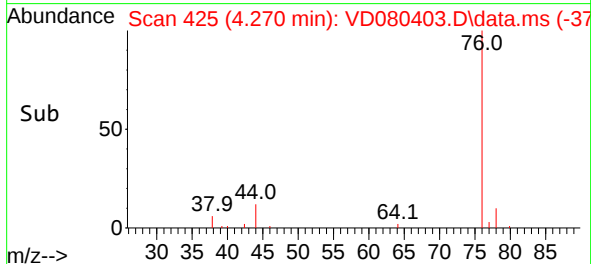
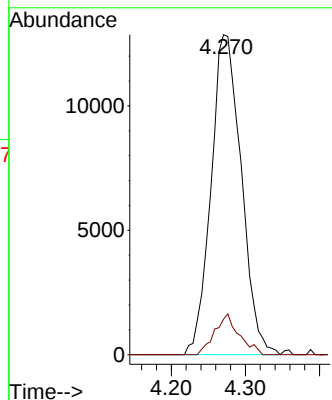
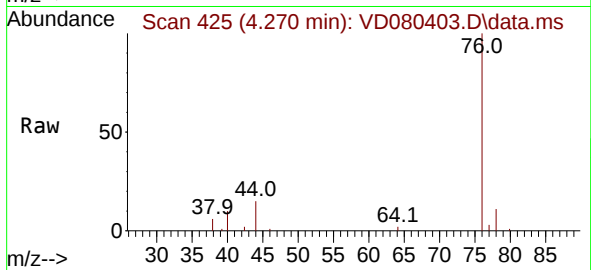




#17  
Carbon Disulfide  
Concen: 5.612 ug/l  
RT: 4.270 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

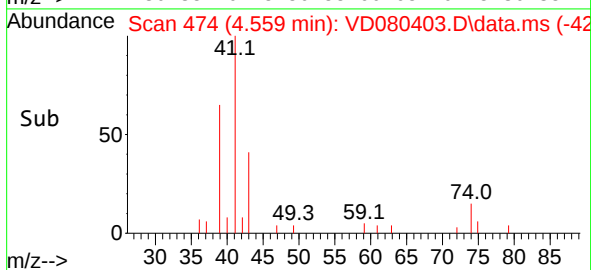
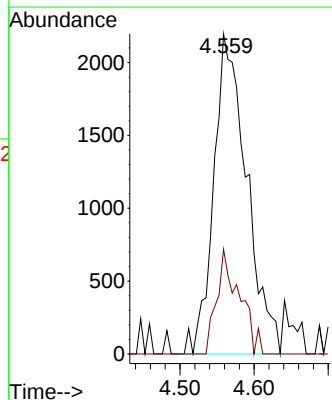
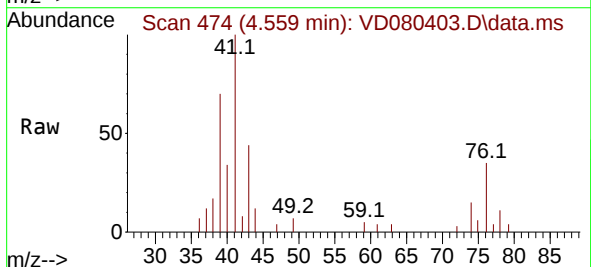
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

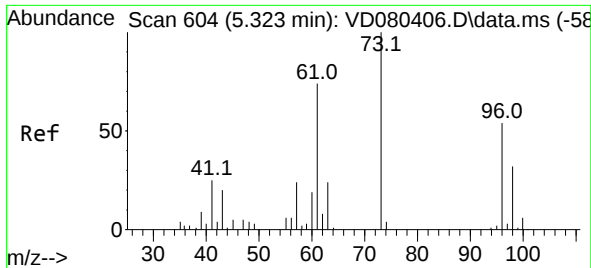
Tgt Ion: 76 Resp: 36516  
Ion Ratio Lower Upper  
76 100  
78 11.1 7.0 10.4#



#18  
Methyl Acetate  
Concen: 5.265 ug/l  
RT: 4.559 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 43 Resp: 6766  
Ion Ratio Lower Upper  
43 100  
74 22.7 18.2 27.2

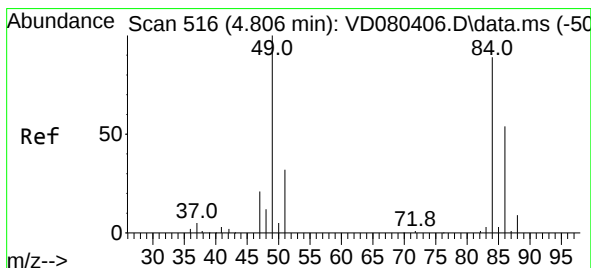
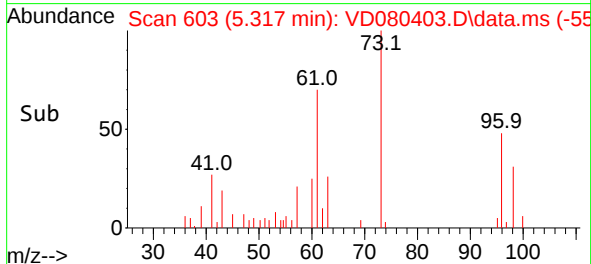
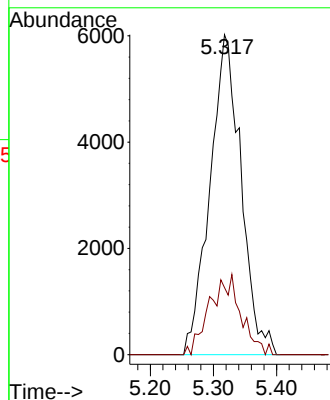
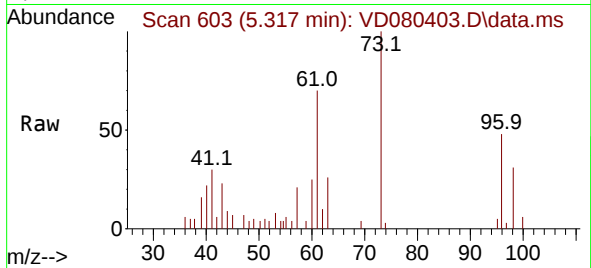




#19  
Methyl tert-butyl Ether  
Concen: 4.929 ug/l  
RT: 5.317 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

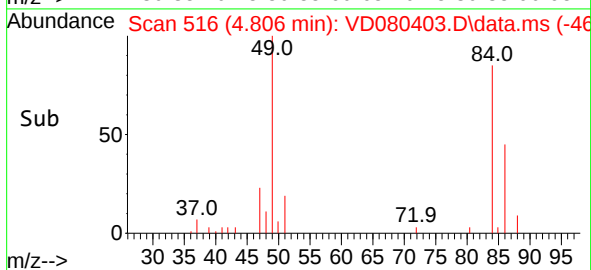
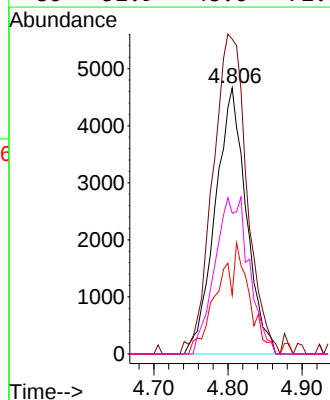
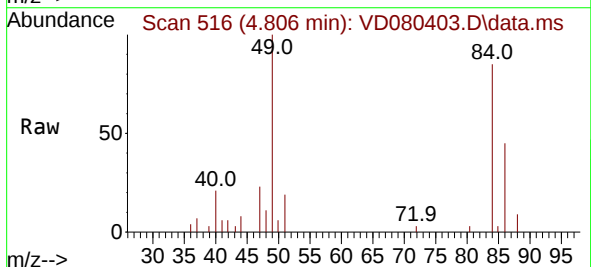
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

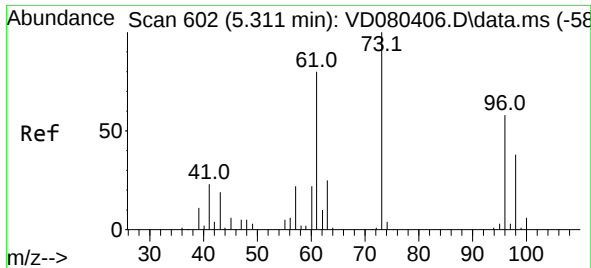
Tgt Ion: 73 Resp: 20608  
Ion Ratio Lower Upper  
73 100  
57 20.9 18.9 28.3



#20  
Methylene Chloride  
Concen: 5.951 ug/l  
RT: 4.806 min Scan# 516  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 84 Resp: 13576  
Ion Ratio Lower Upper  
84 100  
49 118.3 89.4 134.2  
51 22.2 28.5 42.7#  
86 52.9 48.6 72.8

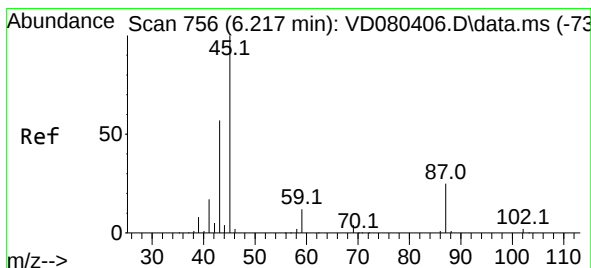
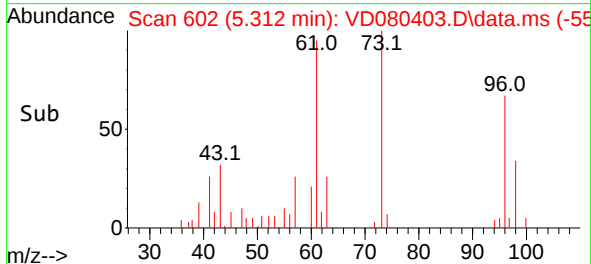
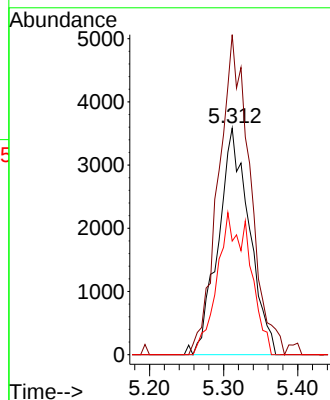
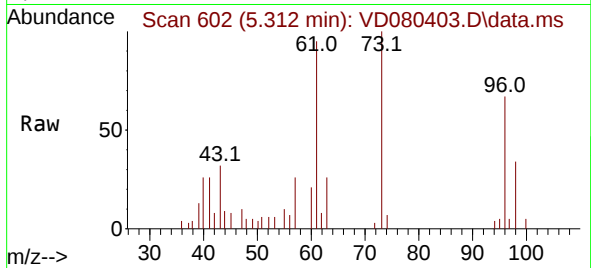




#21  
trans-1,2-Dichloroethene  
Concen: 5.168 ug/l  
RT: 5.312 min Scan# 602  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

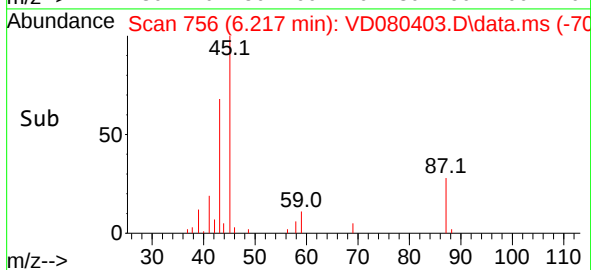
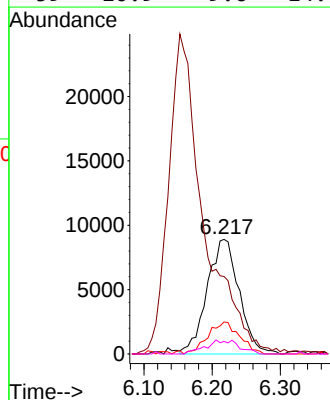
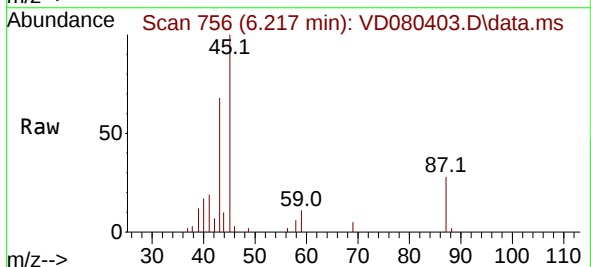
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

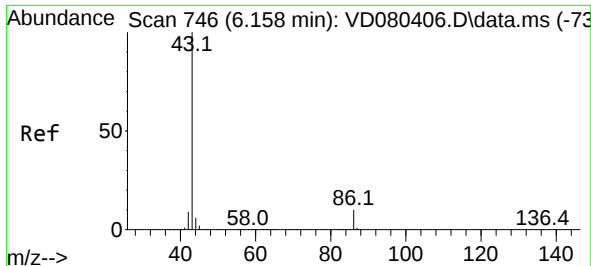
Tgt Ion: 96 Resp: 10430  
Ion Ratio Lower Upper  
96 100  
61 141.2 110.8 166.2  
98 50.1 52.2 78.2#



#22  
Diisopropyl ether  
Concen: 4.675 ug/l  
RT: 6.217 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 45 Resp: 29146  
Ion Ratio Lower Upper  
45 100  
43 65.6 45.6 68.4  
87 27.9 20.4 30.6  
59 10.9 9.6 14.4

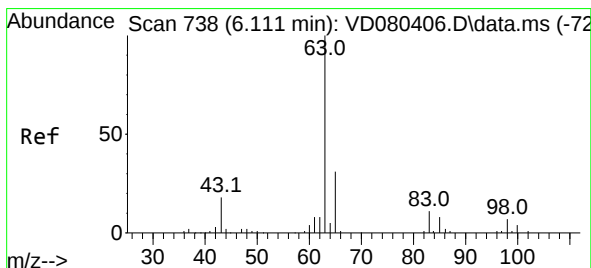
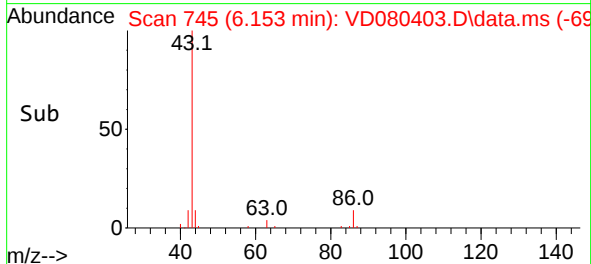
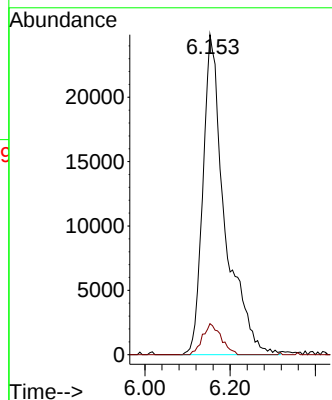
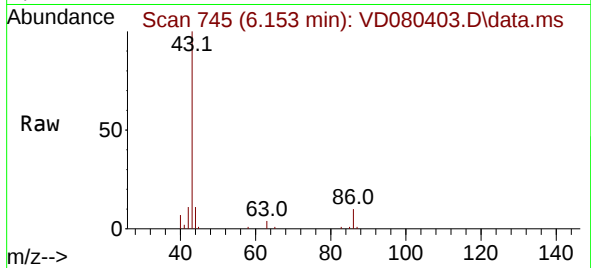




#23  
 Vinyl Acetate  
 Concen: 24.741 ug/l  
 RT: 6.153 min Scan# 746  
 Delta R.T. -0.006 min  
 Lab File: VD080403.D  
 Acq: 04 Jun 2025 08:37

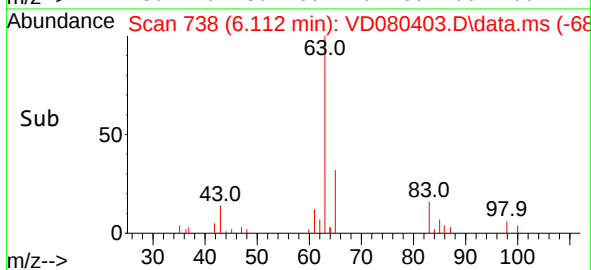
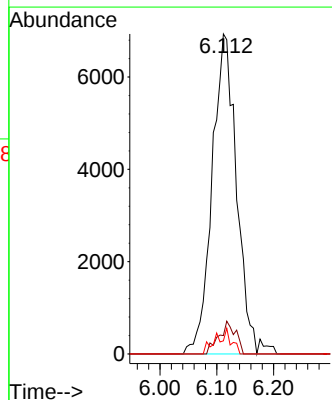
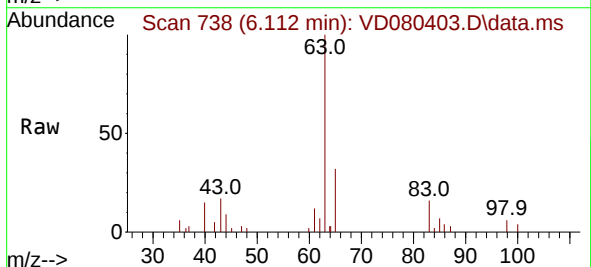
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

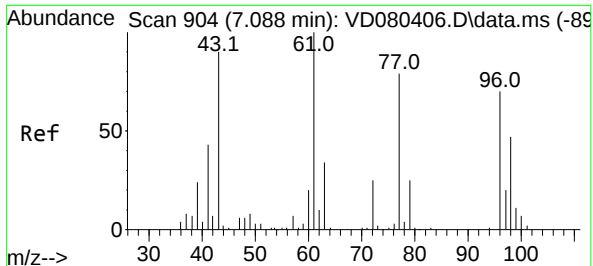
Tgt Ion: 43 Resp: 89236  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 8.3 12.5



#24  
 1,1-Dichloroethane  
 Concen: 5.540 ug/l  
 RT: 6.112 min Scan# 738  
 Delta R.T. 0.000 min  
 Lab File: VD080403.D  
 Acq: 04 Jun 2025 08:37

Tgt Ion: 63 Resp: 20887  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 3.3 9.9  
 100 4.1 1.9 5.7





#25

2-Butanone

Concen: 27.594 ug/l

RT: 7.088 min Scan# 904

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

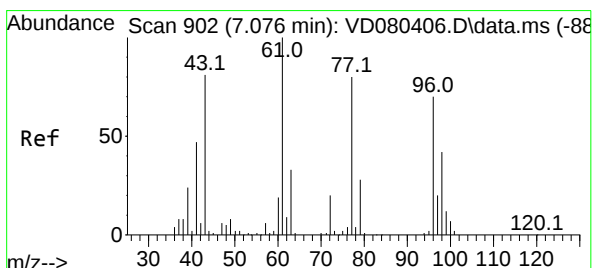
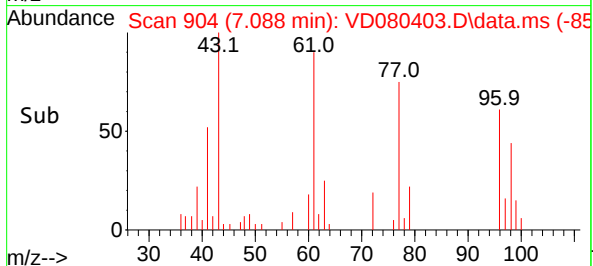
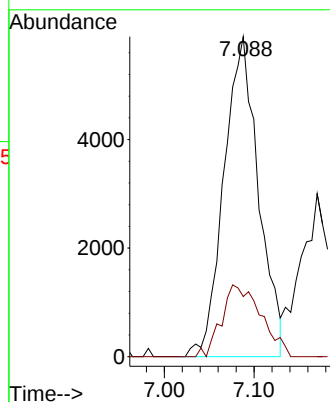
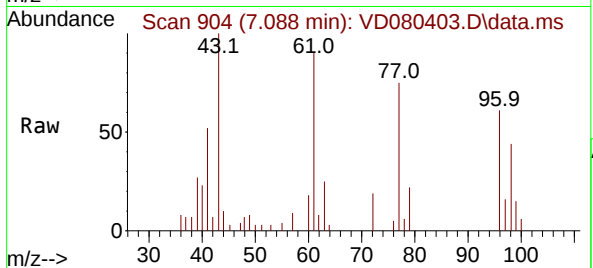
VSTDICC005

Tgt Ion: 43 Resp: 15787

Ion Ratio Lower Upper

43 100

72 18.8 22.2 33.2#



#26

2,2-Dichloropropane

Concen: 5.417 ug/l

RT: 7.070 min Scan# 901

Delta R.T. -0.006 min

Lab File: VD080403.D

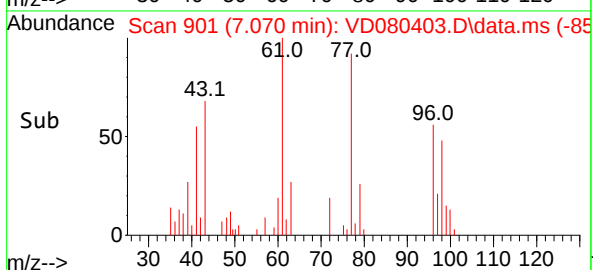
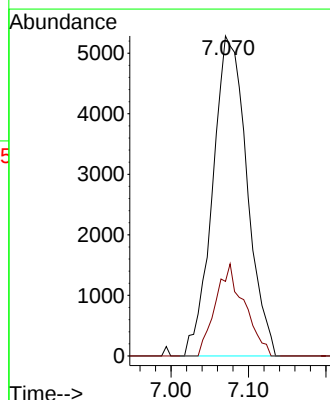
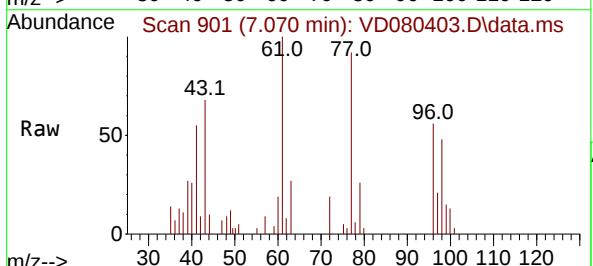
Acq: 04 Jun 2025 08:37

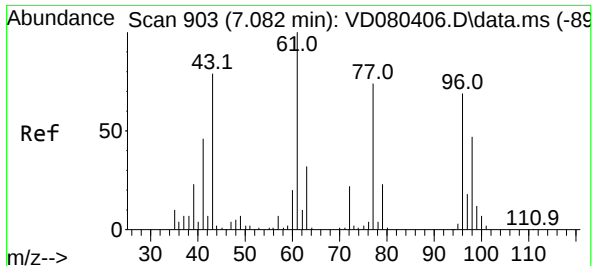
Tgt Ion: 77 Resp: 16262

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 5.033 ug/l

RT: 7.082 min Scan# 903

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

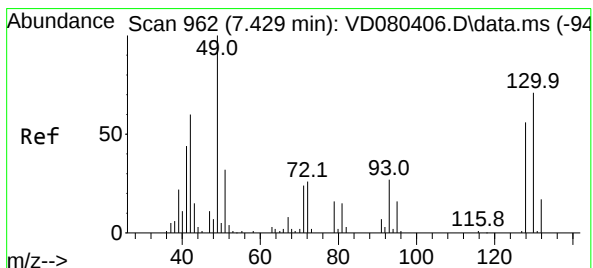
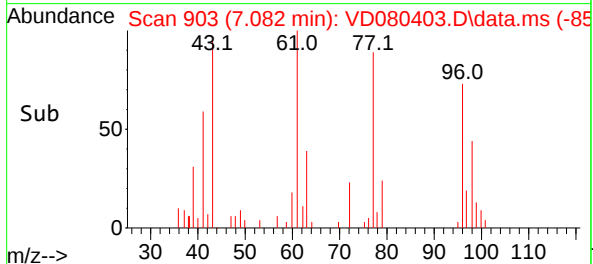
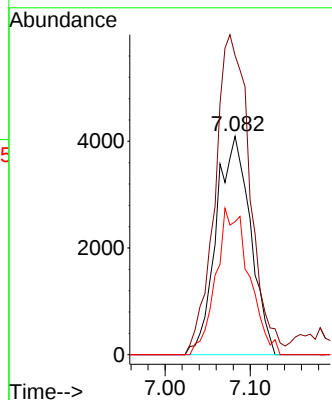
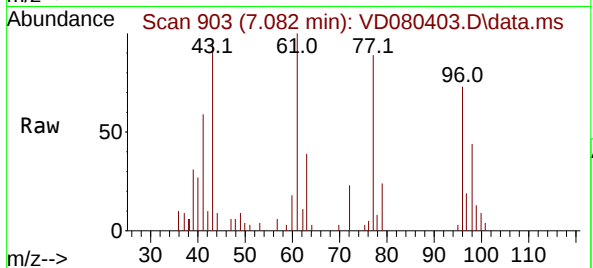
Tgt Ion: 96 Resp: 11440

Ion Ratio Lower Upper

96 100

61 149.7 0.0 291.0

98 64.7 0.0 130.6



#28

Bromochloromethane

Concen: 5.574 ug/l

RT: 7.429 min Scan# 962

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

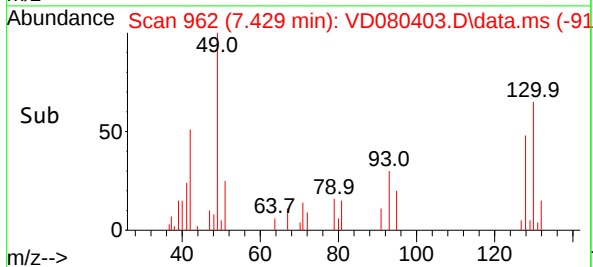
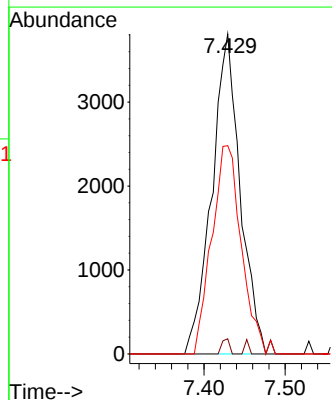
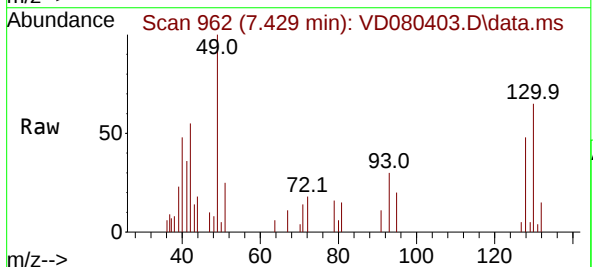
Tgt Ion: 49 Resp: 9299

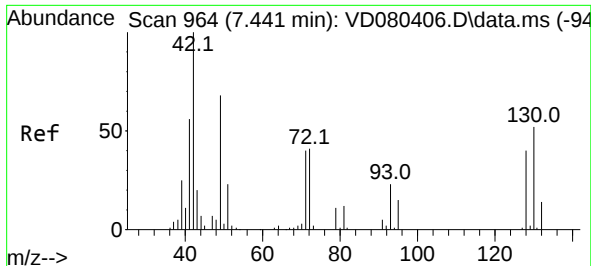
Ion Ratio Lower Upper

49 100

129 1.3 0.0 1.2#

130 67.7 58.6 88.0

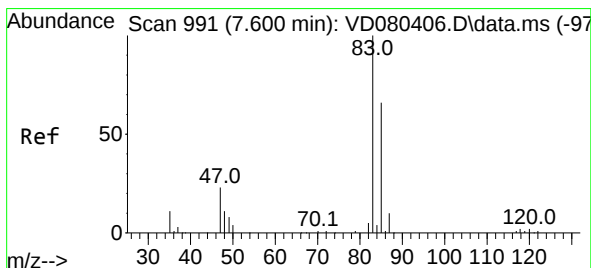
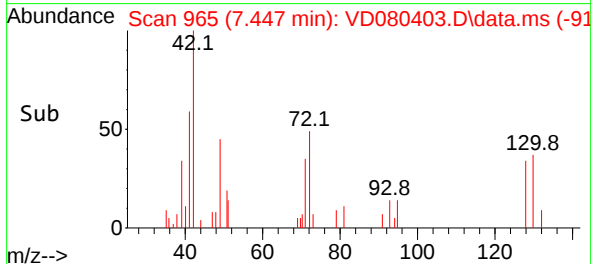
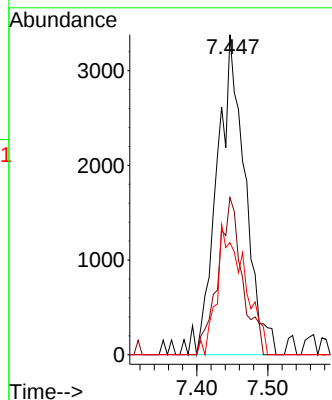
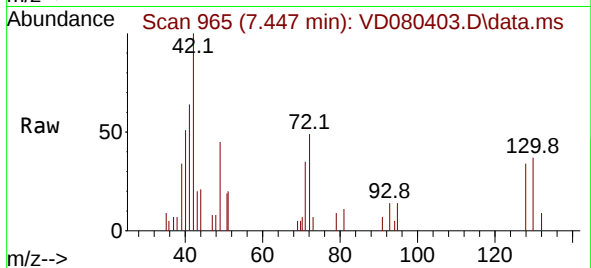




#29  
Tetrahydrofuran  
Concen: 25.231 ug/l  
RT: 7.447 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

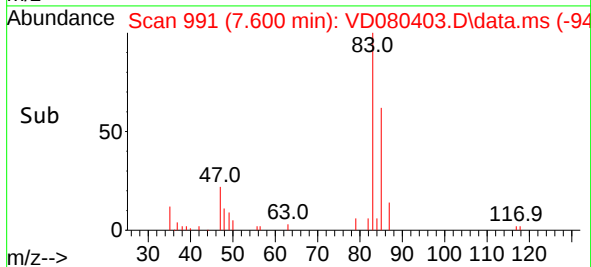
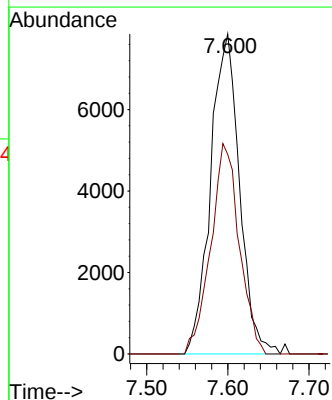
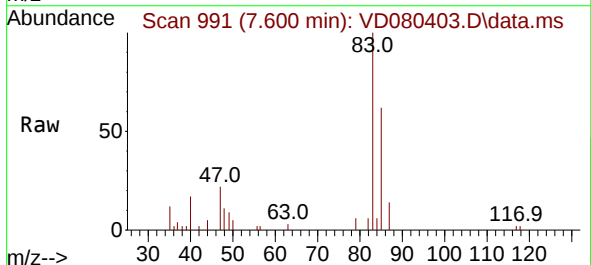
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

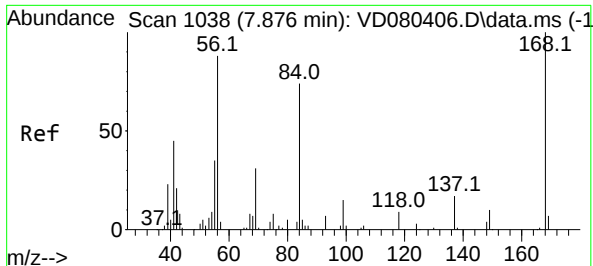
Tgt Ion: 42 Resp: 9287  
Ion Ratio Lower Upper  
42 100  
72 42.7 34.1 51.1  
71 40.2 32.2 48.4



#30  
Chloroform  
Concen: 5.308 ug/l  
RT: 7.600 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 83 Resp: 19426  
Ion Ratio Lower Upper  
83 100  
85 62.3 52.8 79.2





#31

Cyclohexane

Concen: 5.994 ug/l

RT: 7.882 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

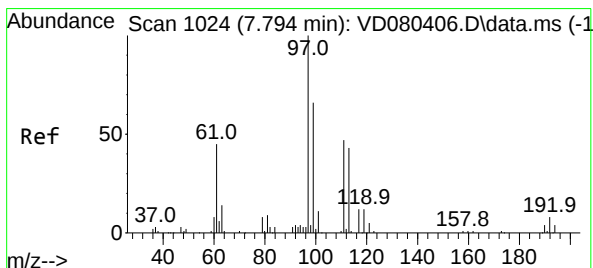
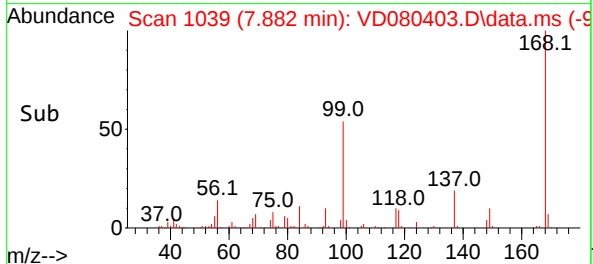
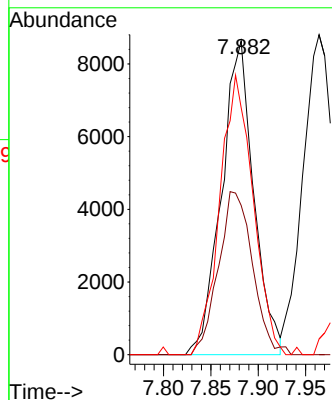
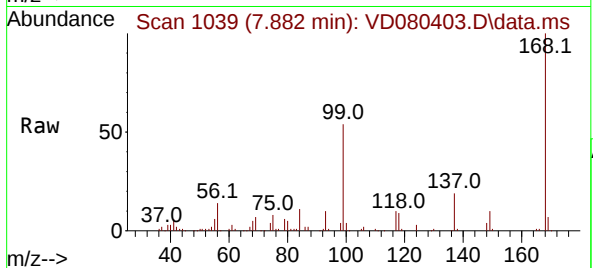
Tgt Ion: 56 Resp: 20447

Ion Ratio Lower Upper

56 100

69 47.6 28.5 42.7#

84 78.8 67.4 101.0



#32

1,1,1-Trichloroethane

Concen: 5.526 ug/l

RT: 7.788 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

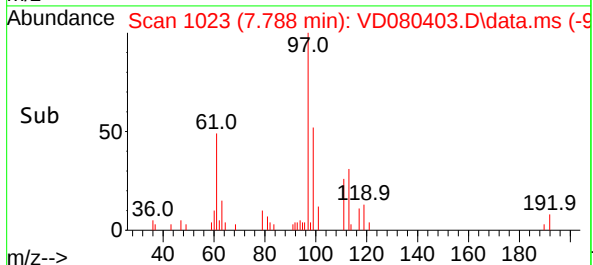
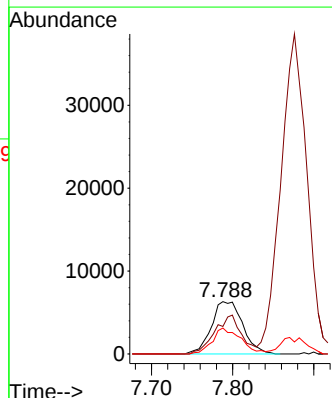
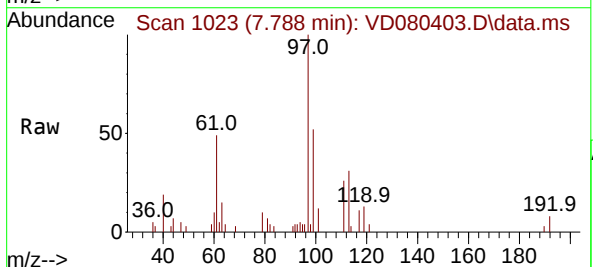
Tgt Ion: 97 Resp: 16913

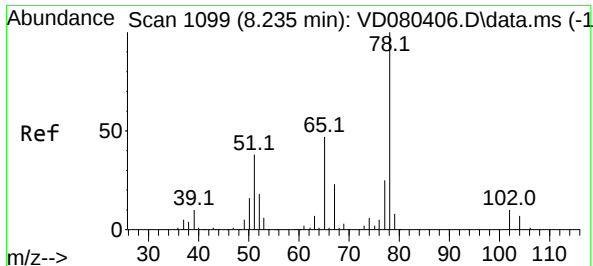
Ion Ratio Lower Upper

97 100

99 63.6 50.2 75.4

61 45.0 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 5.657 ug/l

RT: 8.235 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

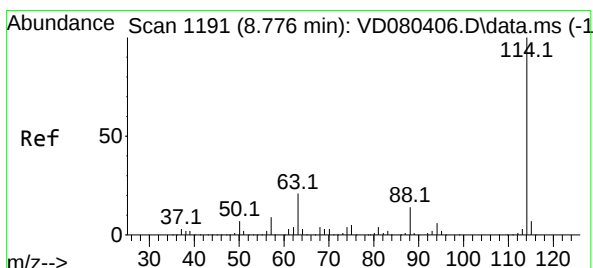
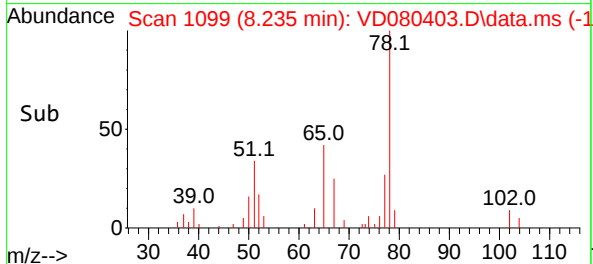
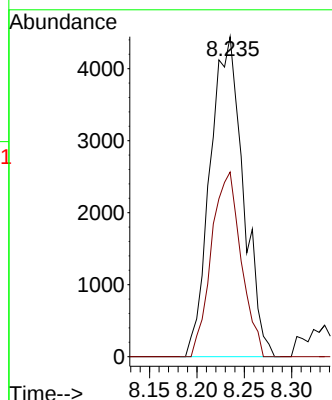
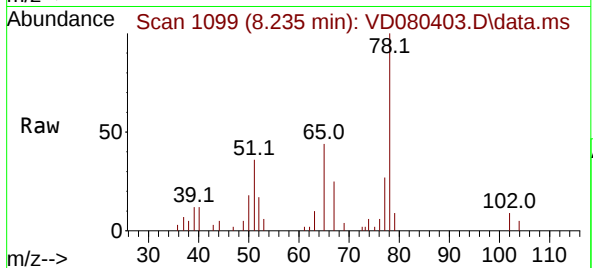
VSTDIC005

Tgt Ion: 65 Resp: 10821

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

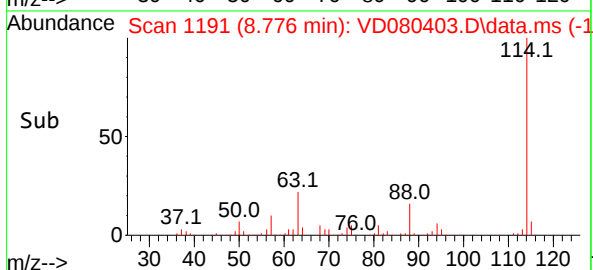
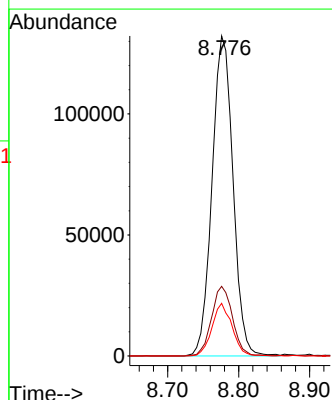
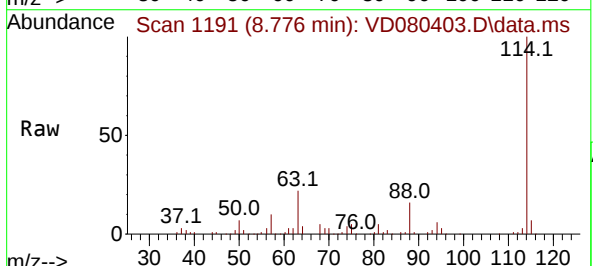
Tgt Ion: 114 Resp: 270679

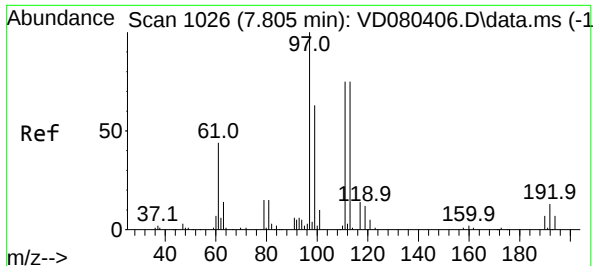
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.0

88 16.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 4.912 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

VSTDICC005

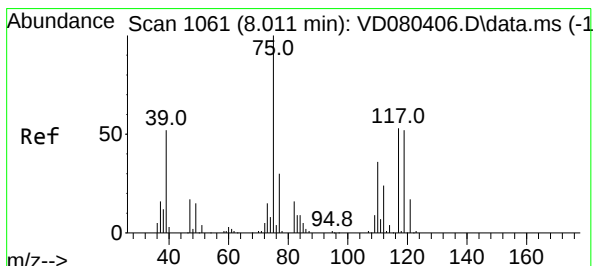
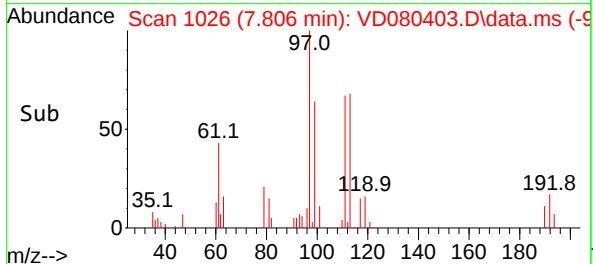
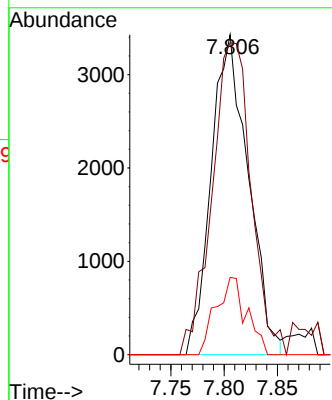
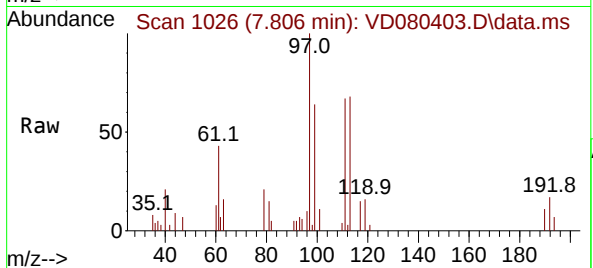
Tgt Ion:113 Resp: 8309

Ion Ratio Lower Upper

113 100

111 102.6 84.6 127.0

192 19.9 15.8 23.6



#36

1,1-Dichloropropene

Concen: 5.417 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

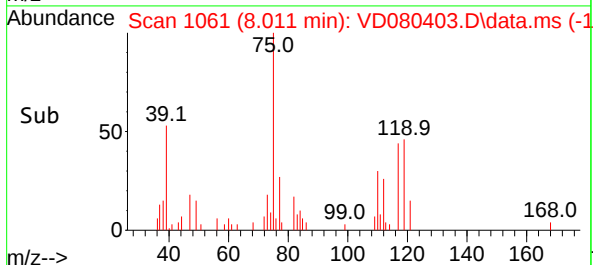
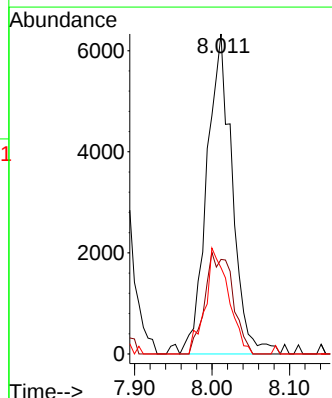
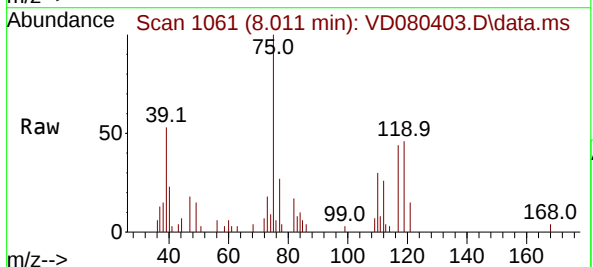
Tgt Ion: 75 Resp: 14363

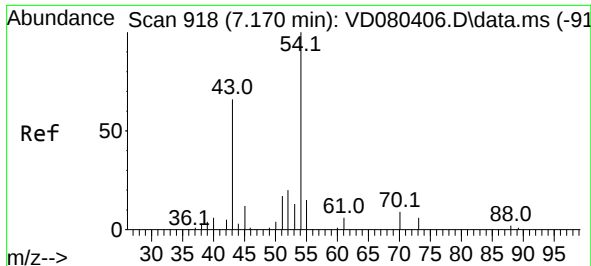
Ion Ratio Lower Upper

75 100

110 34.6 17.4 52.3

77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 5.508 ug/l m

RT: 7.170 min Scan# 918

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

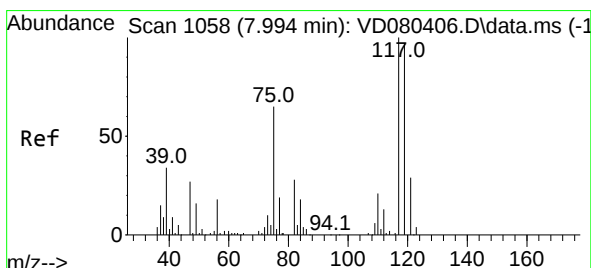
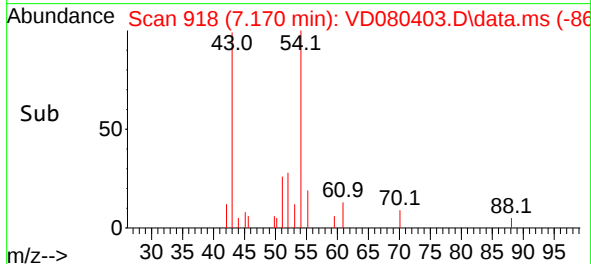
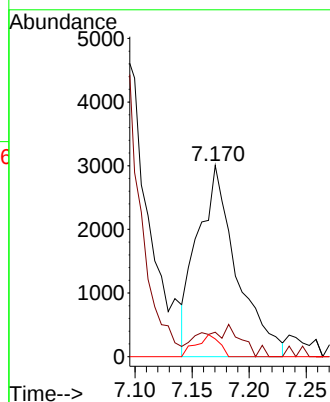
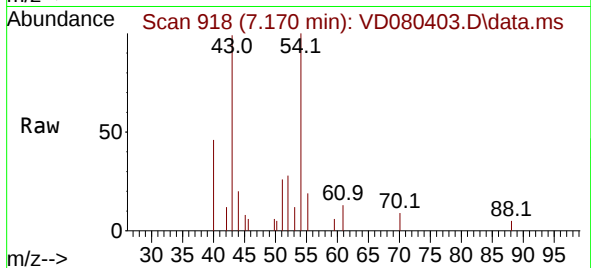
Tgt Ion: 43 Resp: 7155

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 6.7 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 5.267 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

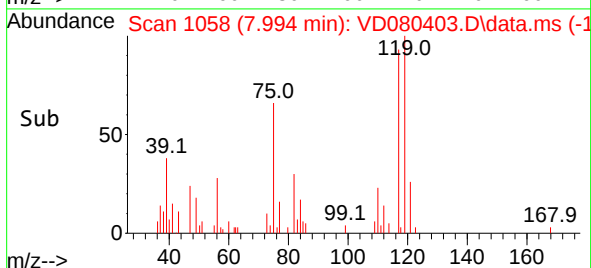
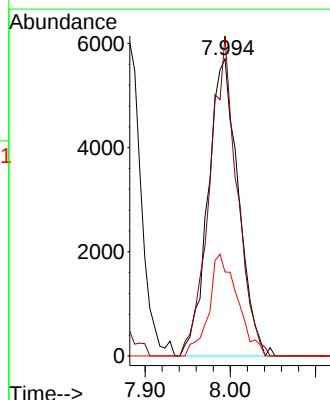
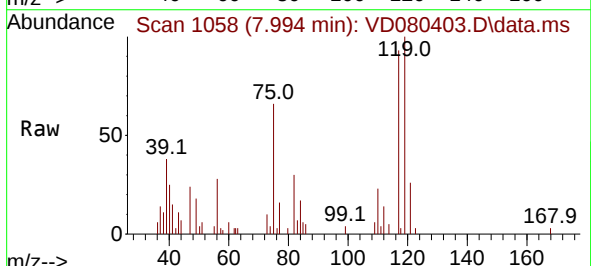
Tgt Ion: 117 Resp: 14114

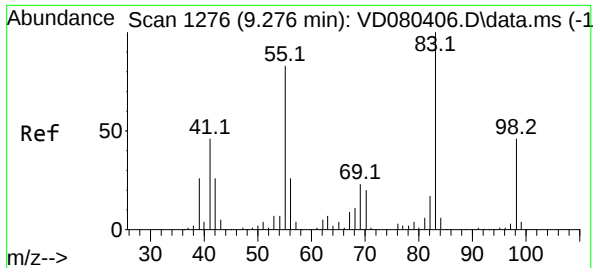
Ion Ratio Lower Upper

117 100

119 107.7 78.0 117.0

121 28.3 23.2 34.8





#39

Methylcyclohexane

Concen: 5.232 ug/l

RT: 9.270 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

VSTDICC005

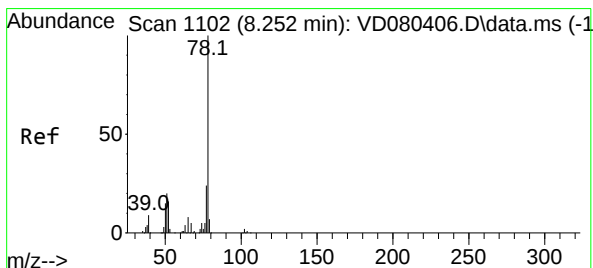
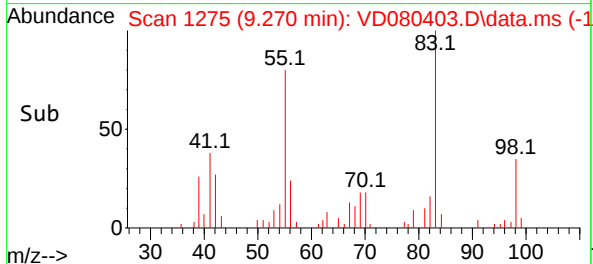
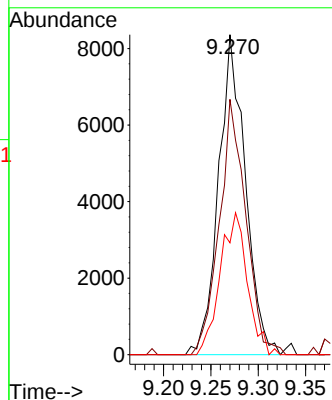
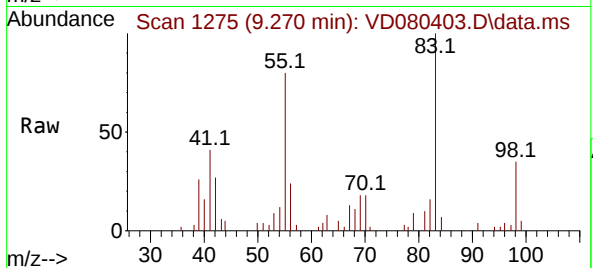
Tgt Ion: 83 Resp: 16430

Ion Ratio Lower Upper

83 100

55 79.8 66.2 99.4

98 35.0 37.0 55.6#



#40

Benzene

Concen: 5.058 ug/l

RT: 8.247 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VD080403.D

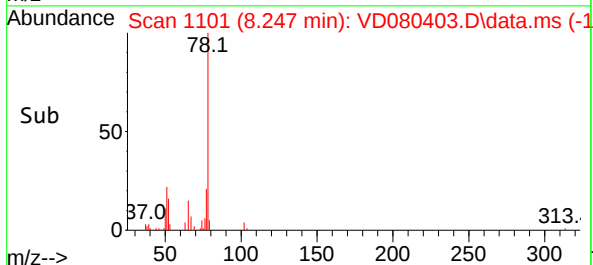
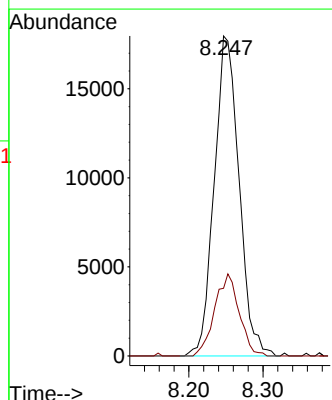
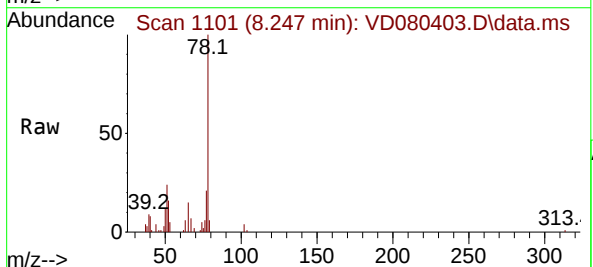
Acq: 04 Jun 2025 08:37

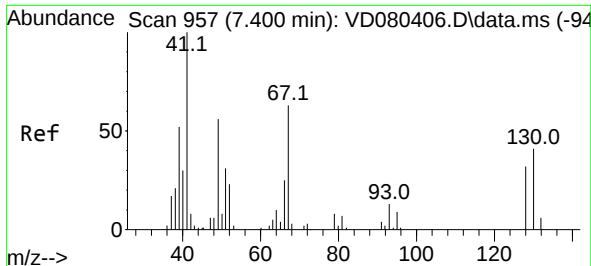
Tgt Ion: 78 Resp: 41755

Ion Ratio Lower Upper

78 100

77 21.1 19.6 29.4

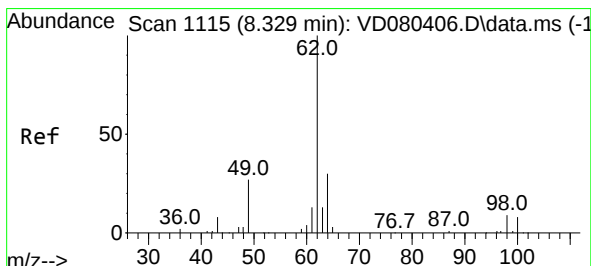
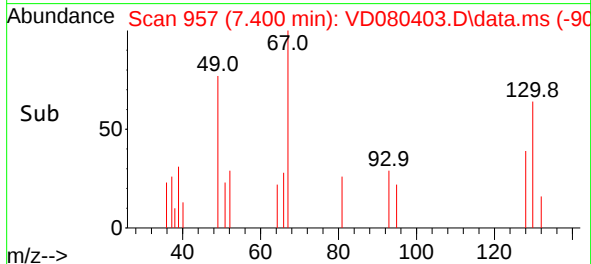
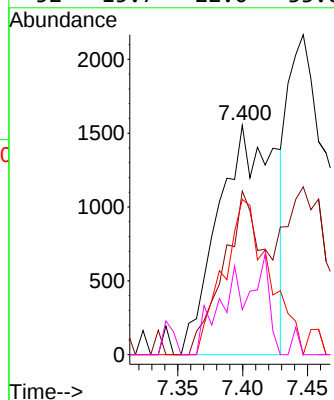
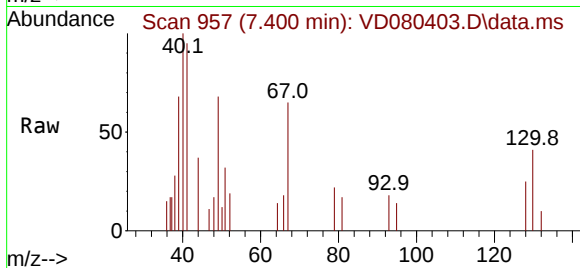




#41  
Methacrylonitrile  
Concen: 5.919 ug/l m  
RT: 7.400 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

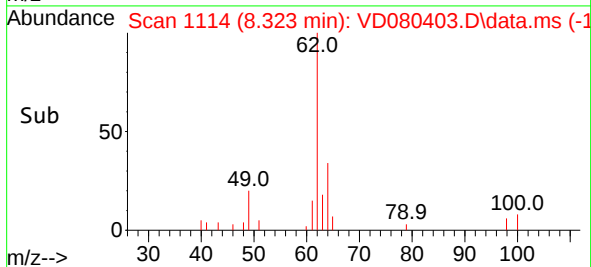
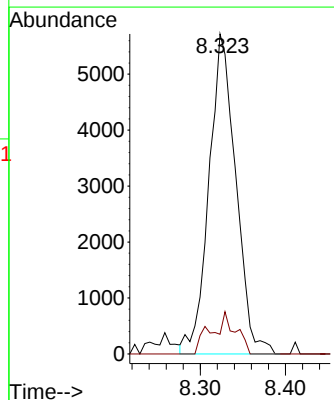
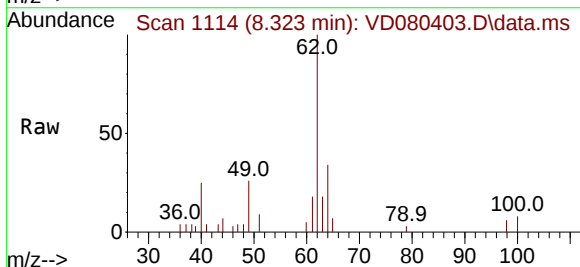
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

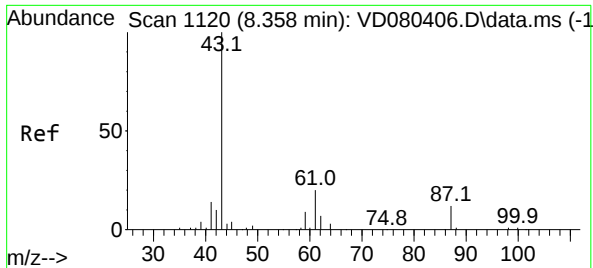
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 4736  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.0  | 37.6  | 56.4  |
| 67       | 53.9  | 50.4  | 75.6  |
| 52       | 15.7  | 22.0  | 33.0  |



#42  
1,2-Dichloroethane  
Concen: 5.578 ug/l  
RT: 8.323 min Scan# 1114  
Delta R.T. -0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 12535 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 6.3   | 0.0   | 19.2  |

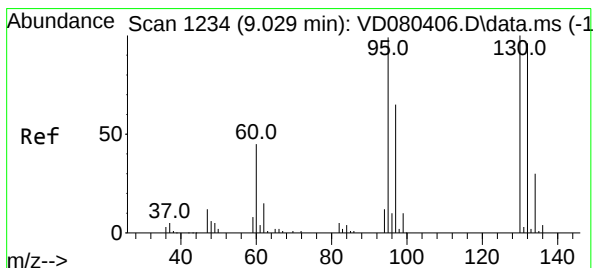
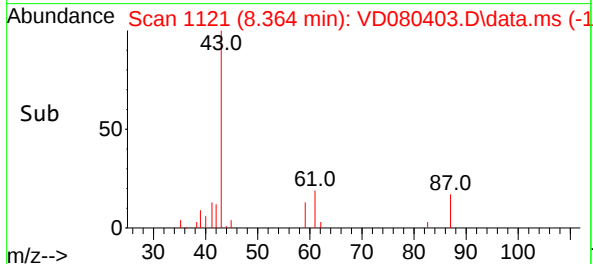
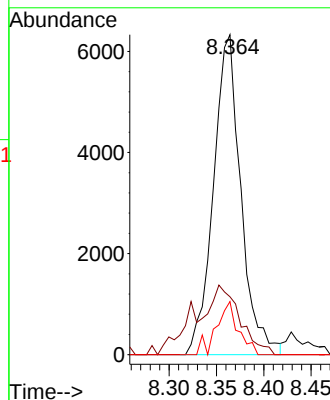
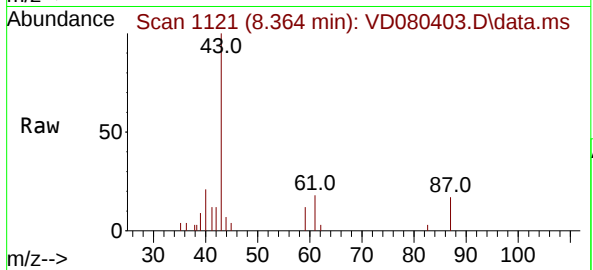




#43  
Isopropyl Acetate  
Concen: 5.182 ug/l  
RT: 8.364 min Scan# 1121  
Delta R.T. 0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

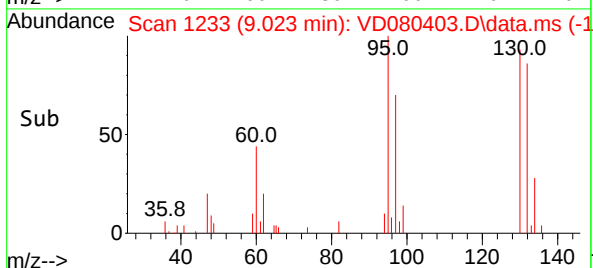
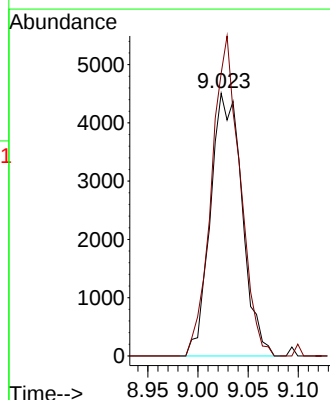
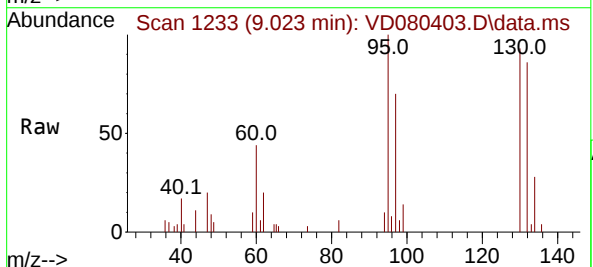
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

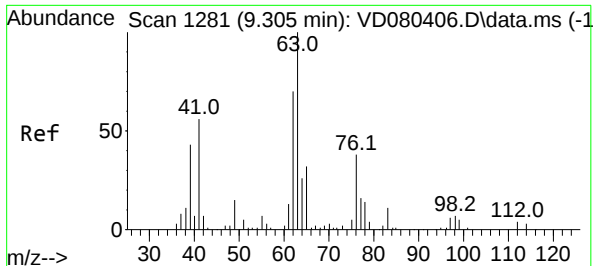
Tgt Ion: 43 Resp: 12799  
Ion Ratio Lower Upper  
43 100  
61 23.6 24.4 36.6#  
87 13.2 10.2 15.4



#44  
Trichloroethene  
Concen: 5.176 ug/l  
RT: 9.023 min Scan# 1233  
Delta R.T. -0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion:130 Resp: 9897  
Ion Ratio Lower Upper  
130 100  
95 107.6 0.0 198.2





#45

1,2-Dichloropropane

Concen: 5.445 ug/l

RT: 9.300 min Scan# 1280

Delta R.T. -0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

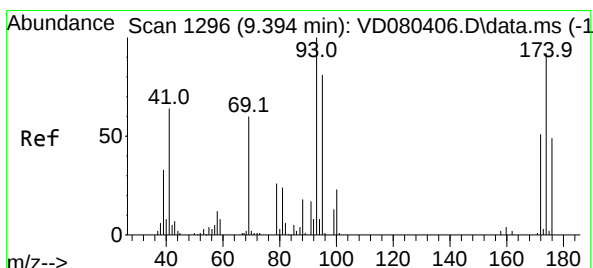
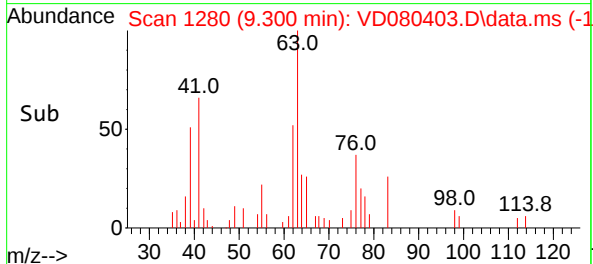
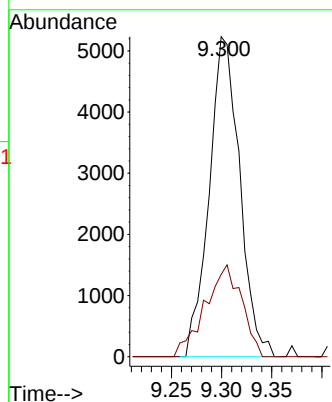
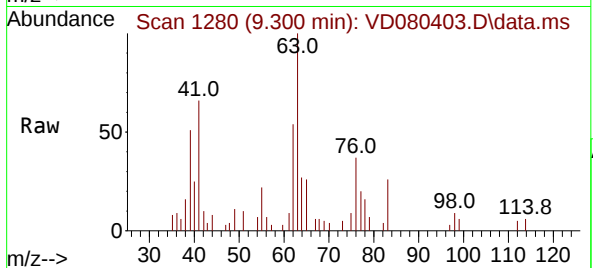
VSTDIC005

Tgt Ion: 63 Resp: 11069

Ion Ratio Lower Upper

63 100

65 25.7 25.3 37.9



#46

Dibromomethane

Concen: 5.593 ug/l

RT: 9.400 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

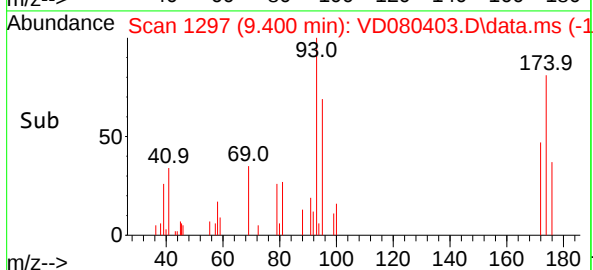
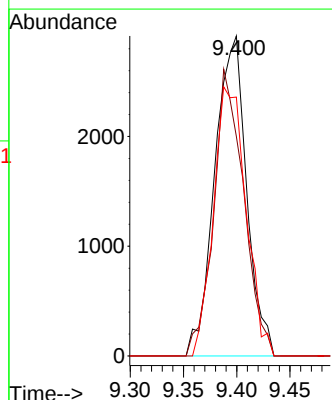
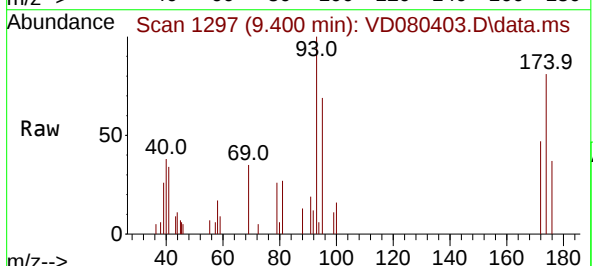
Tgt Ion: 93 Resp: 6053

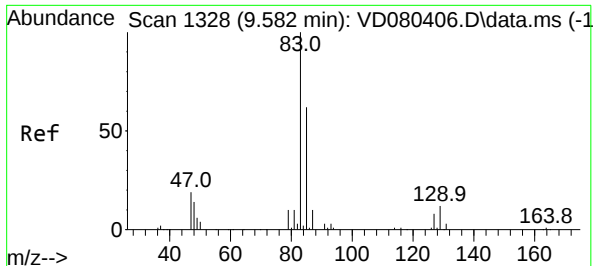
Ion Ratio Lower Upper

93 100

95 84.3 65.7 98.5

174 86.1 74.6 112.0

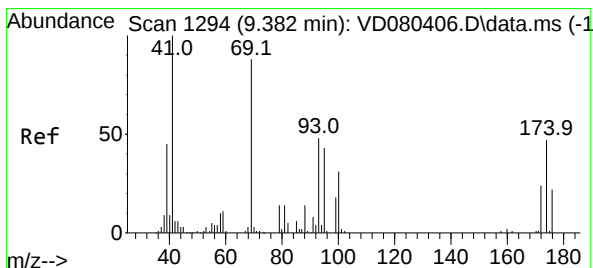
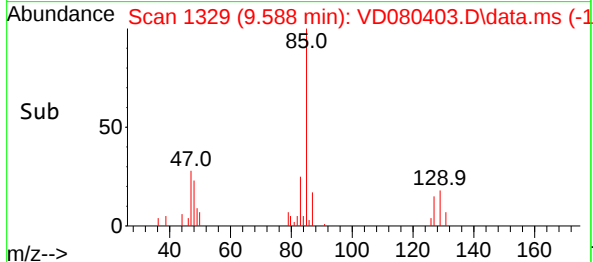
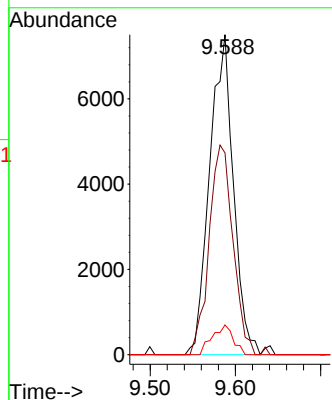
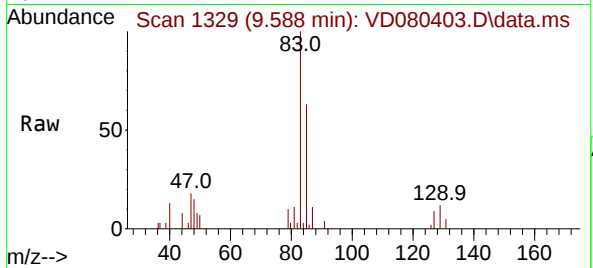




#47  
Bromodichloromethane  
Concen: 5.317 ug/l  
RT: 9.588 min Scan# 1329  
Delta R.T. 0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

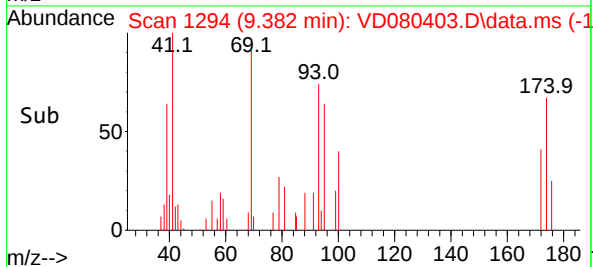
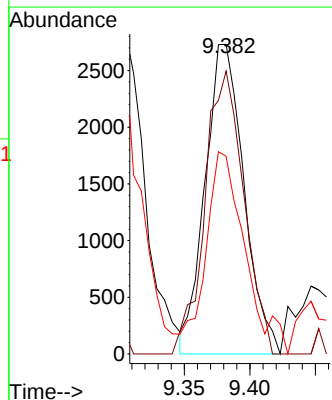
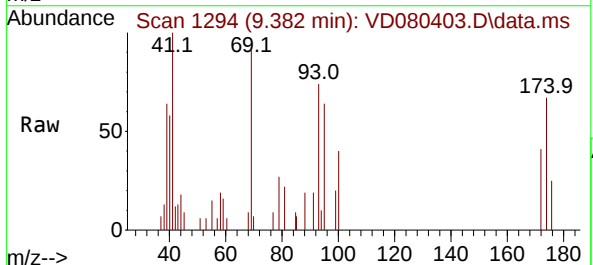
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

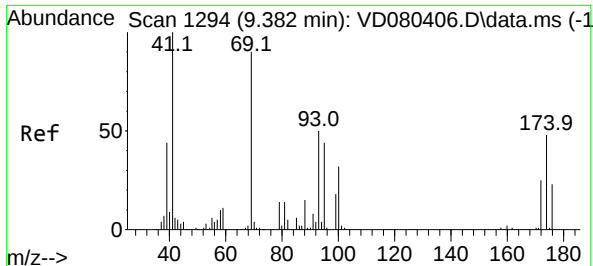
Tgt Ion: 83 Resp: 14616  
Ion Ratio Lower Upper  
83 100  
85 63.1 49.6 74.4  
127 9.3 6.5 9.7



#48  
Methyl methacrylate  
Concen: 4.630 ug/l  
RT: 9.382 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 41 Resp: 5609  
Ion Ratio Lower Upper  
41 100  
69 92.1 67.1 100.7  
39 65.8 38.2 57.2

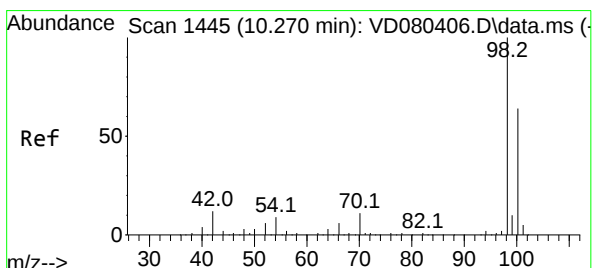
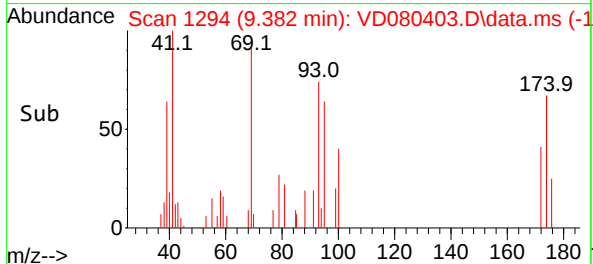
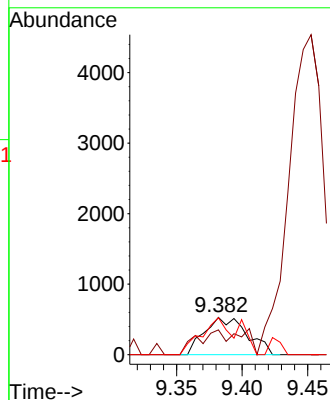
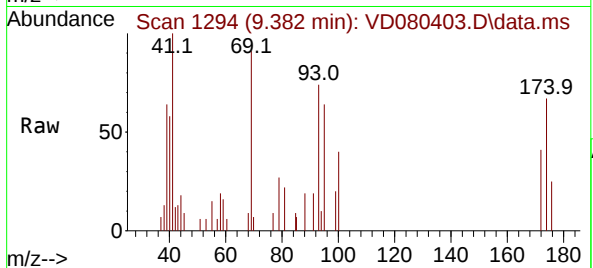




#49  
1,4-Dioxane  
Concen: 99.148 ug/l  
RT: 9.382 min Scan# 1197  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

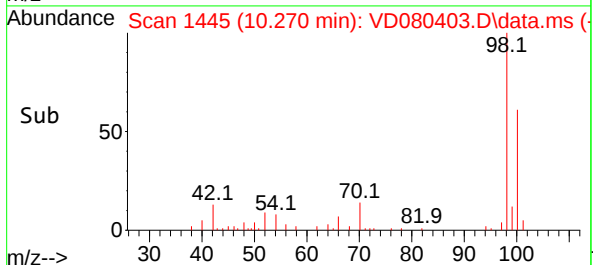
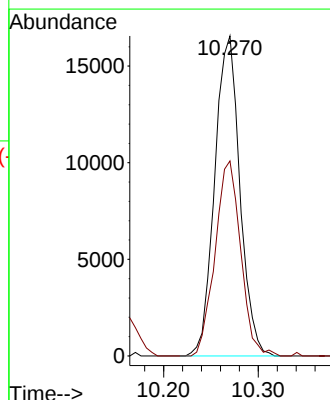
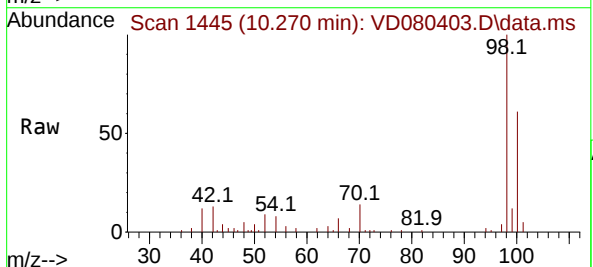
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

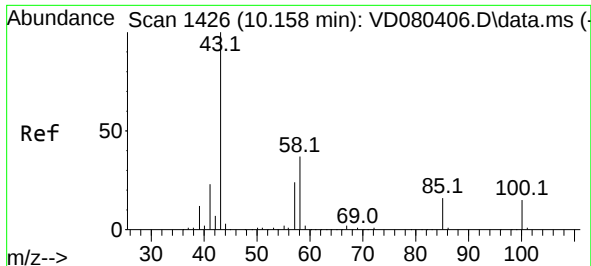
Tgt Ion: 88 Resp: 1197  
Ion Ratio Lower Upper  
88 100  
43 43.1 29.9 44.9  
58 86.6 61.8 92.8



#50  
Toluene-d8  
Concen: 4.631 ug/l  
RT: 10.270 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 98 Resp: 30609  
Ion Ratio Lower Upper  
98 100  
100 62.0 50.9 76.3

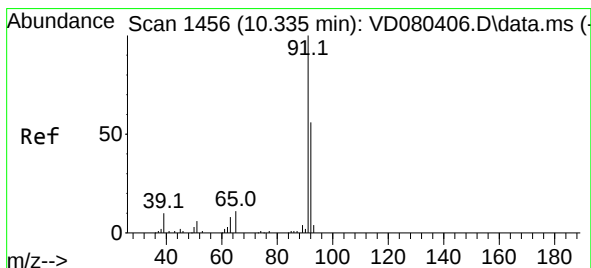
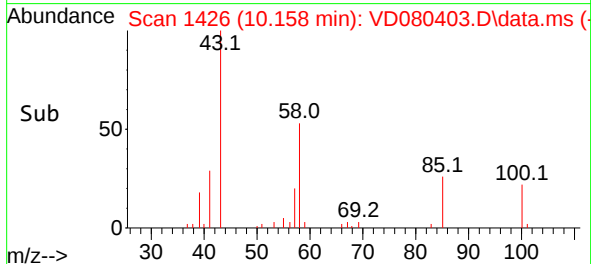
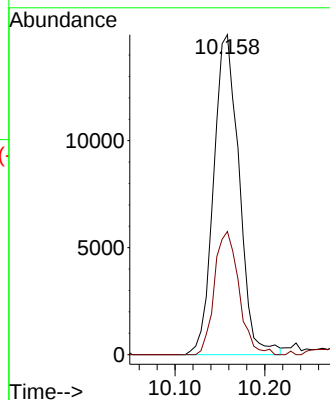
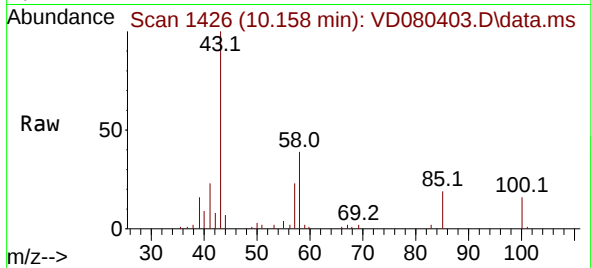




#51  
4-Methyl-2-Pentanone  
Concen: 23.369 ug/l  
RT: 10.158 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

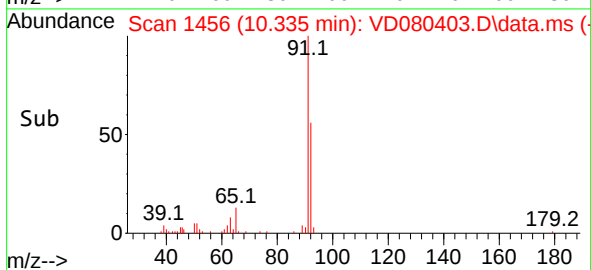
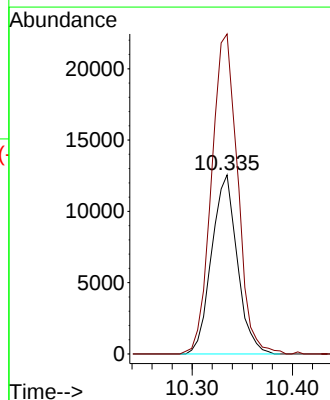
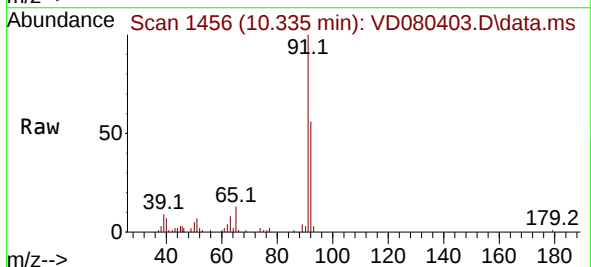
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

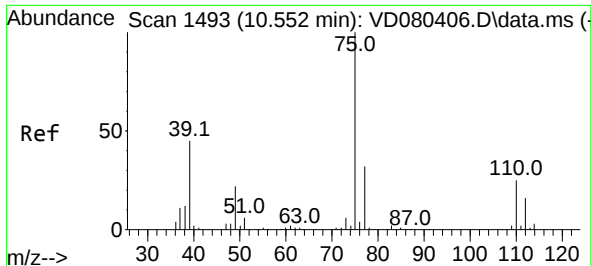
Tgt Ion: 43 Resp: 29488  
Ion Ratio Lower Upper  
43 100  
58 37.0 30.2 45.2



#52  
Toluene  
Concen: 4.640 ug/l  
RT: 10.335 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 92 Resp: 22278  
Ion Ratio Lower Upper  
92 100  
91 182.6 140.5 210.7

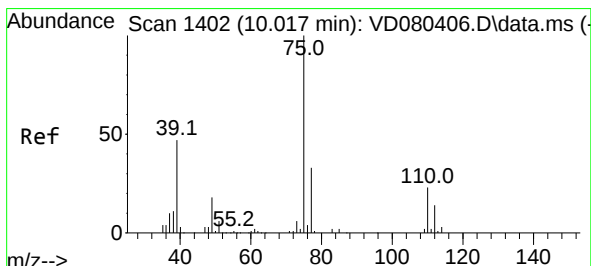
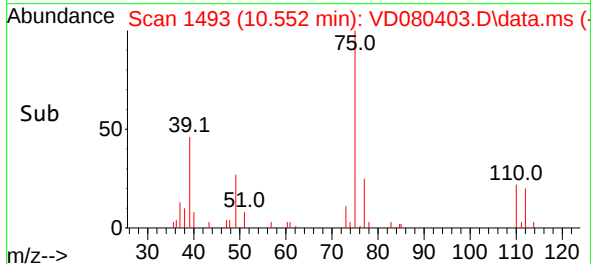
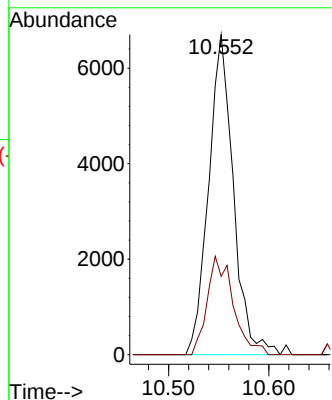
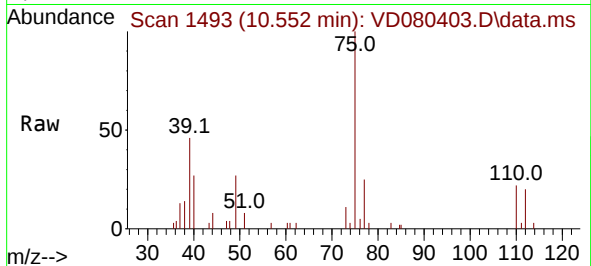




#53  
t-1,3-Dichloropropene  
Concen: 4.691 ug/l  
RT: 10.552 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

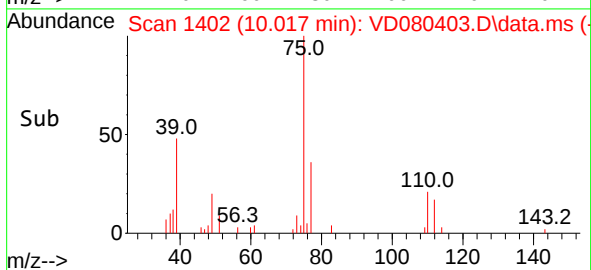
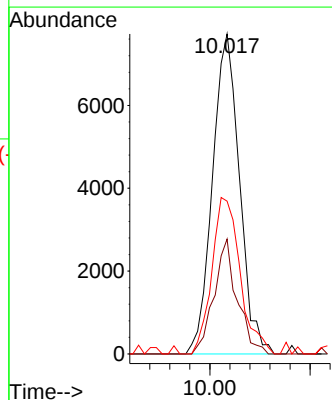
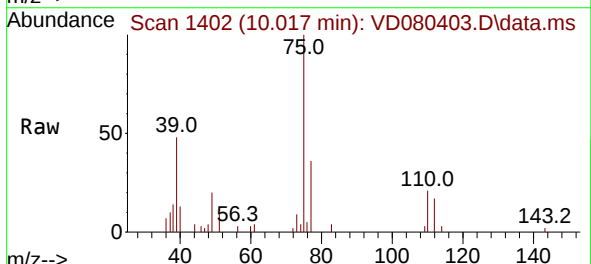
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

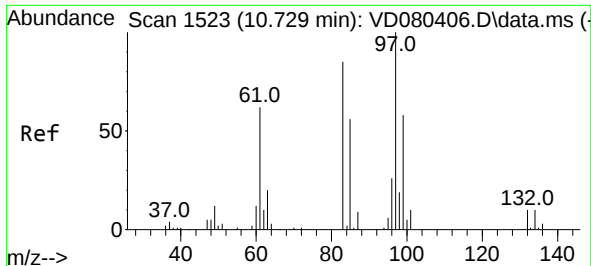
Tgt Ion: 75 Resp: 11506  
Ion Ratio Lower Upper  
75 100  
77 24.5 25.8 38.8#



#54  
cis-1,3-Dichloropropene  
Concen: 4.866 ug/l  
RT: 10.017 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 75 Resp: 14444  
Ion Ratio Lower Upper  
75 100  
77 35.9 26.6 40.0  
39 47.7 37.8 56.6

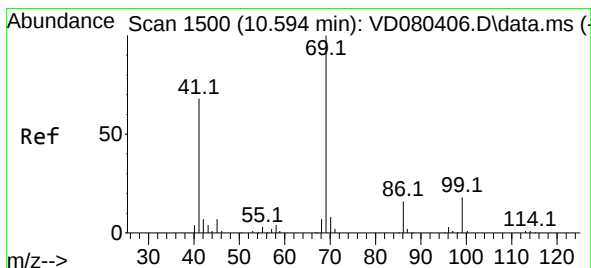
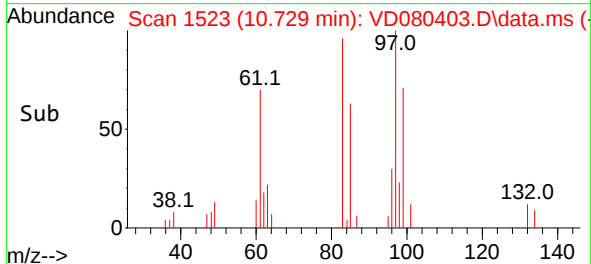
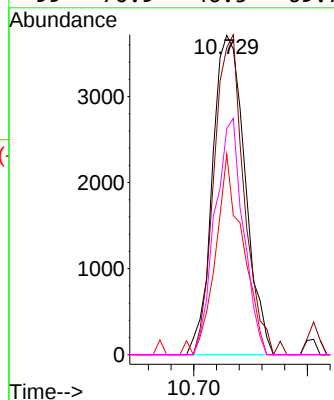
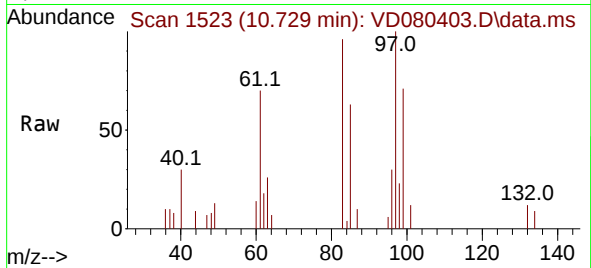




#55  
1,1,2-Trichloroethane  
Concen: 5.249 ug/l  
RT: 10.729 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

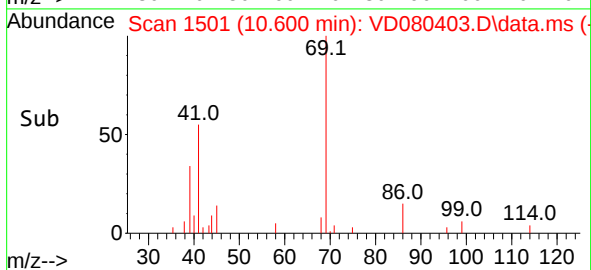
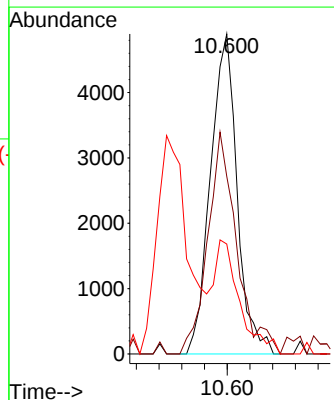
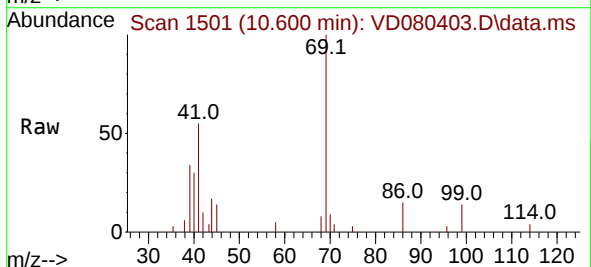
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

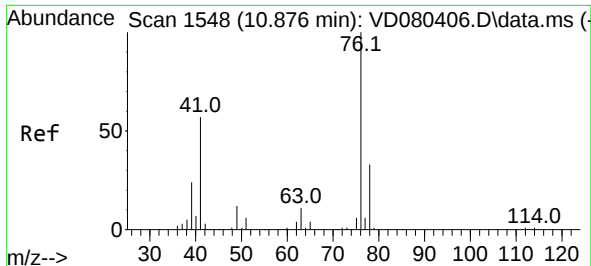
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 7397  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 96.2     | 67.6 101.4  |
| 85 62.7     | 45.0 67.6   |
| 99 70.9     | 46.5 69.7#  |



#56  
Ethyl methacrylate  
Concen: 4.452 ug/l  
RT: 10.600 min Scan# 1501  
Delta R.T. 0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 7974  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 75.2     | 53.6 80.4   |
| 39 34.3     | 27.2 40.8   |





#57

1,3-Dichloropropane

Concen: 4.957 ug/l

RT: 10.876 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

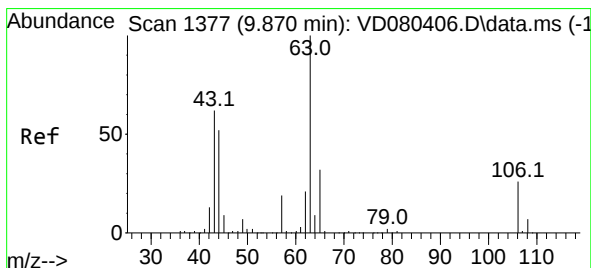
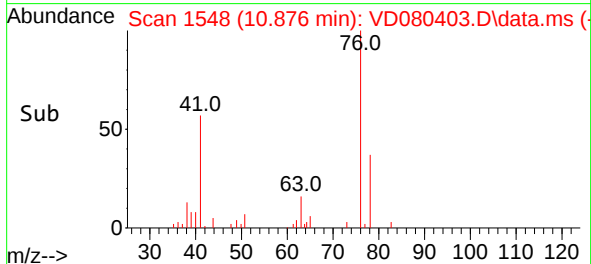
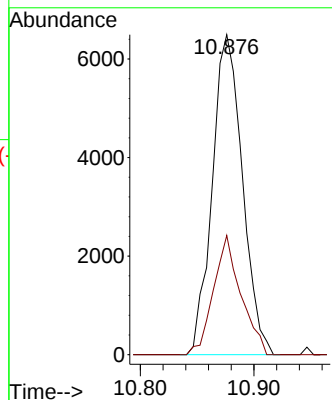
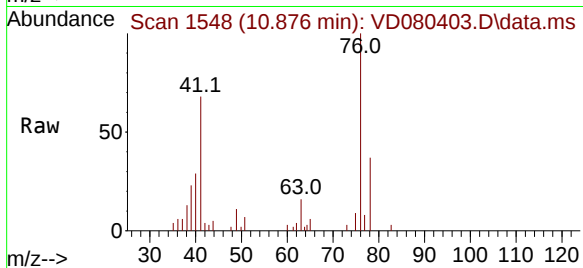
VSTDIC005

Tgt Ion: 76 Resp: 11981

Ion Ratio Lower Upper

76 100

78 33.9 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 21.537 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VD080403.D

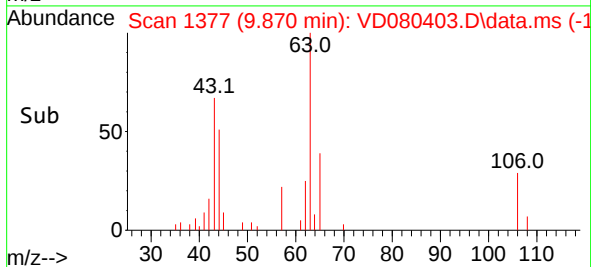
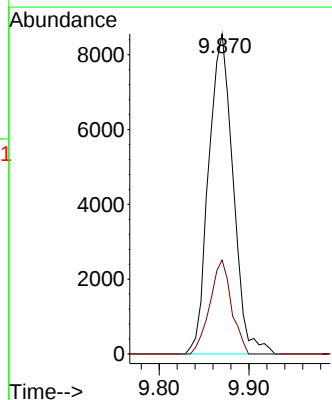
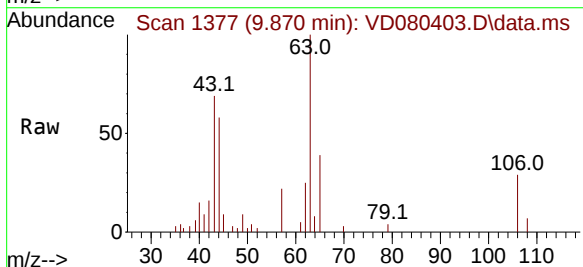
Acq: 04 Jun 2025 08:37

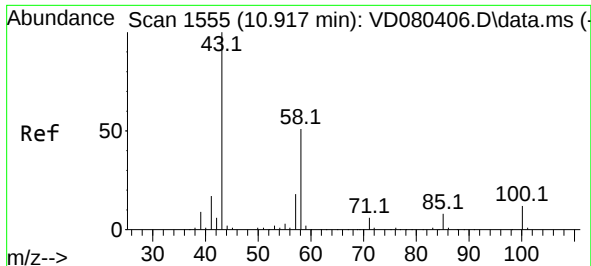
Tgt Ion: 63 Resp: 16167

Ion Ratio Lower Upper

63 100

106 26.0 21.0 31.6

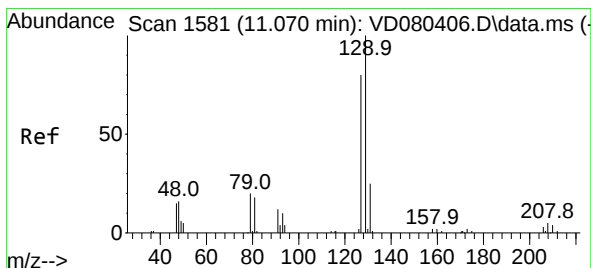
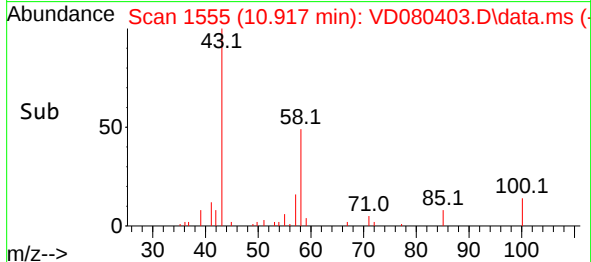
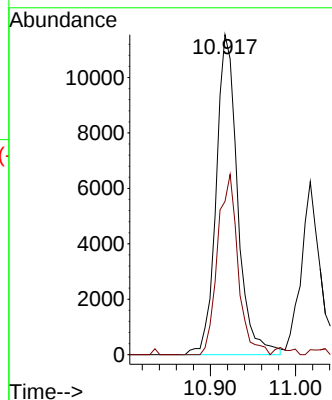
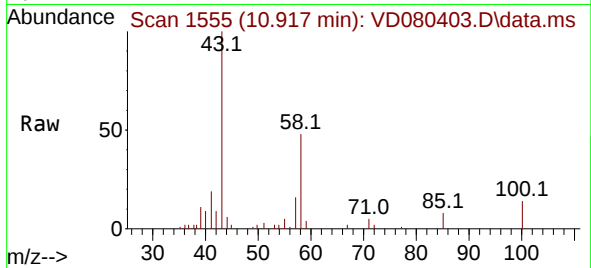




#59  
2-Hexanone  
Concen: 23.795 ug/l  
RT: 10.917 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

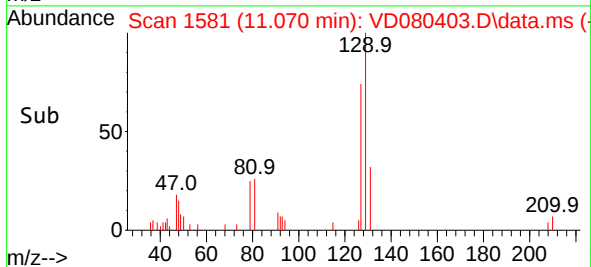
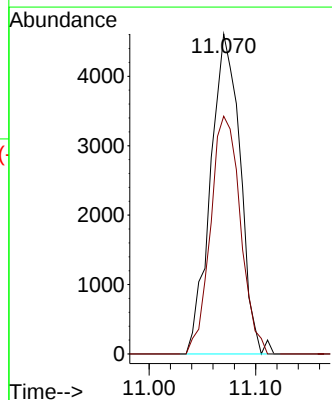
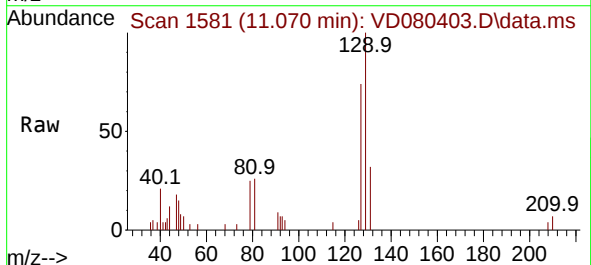
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

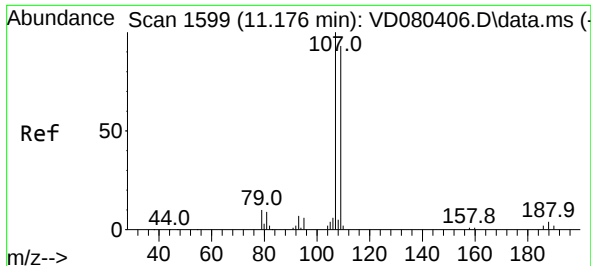
Tgt Ion: 43 Resp: 20169  
Ion Ratio Lower Upper  
43 100  
58 53.7 26.9 80.6



#60  
Dibromochloromethane  
Concen: 5.162 ug/l  
RT: 11.070 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 129 Resp: 8919  
Ion Ratio Lower Upper  
129 100  
127 74.8 38.2 114.6

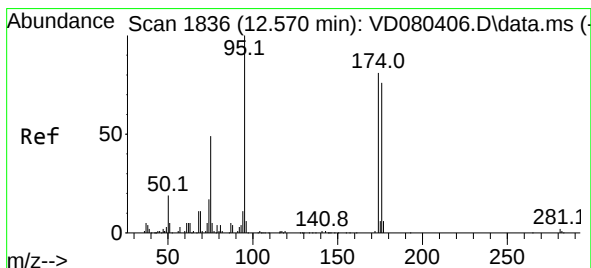
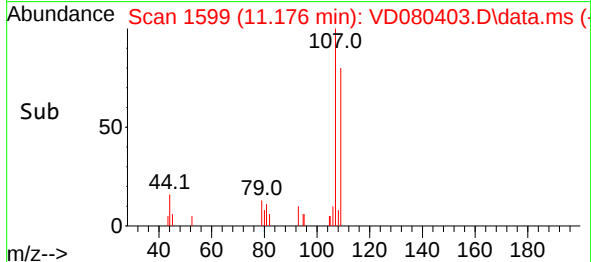
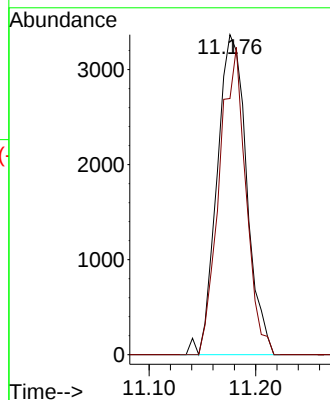
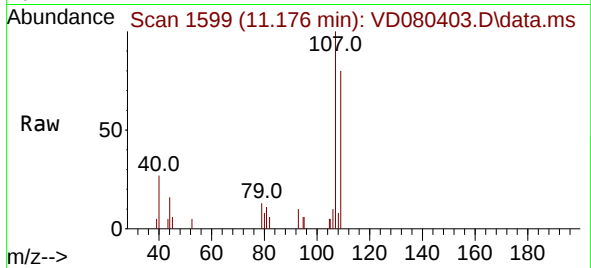




#61  
1,2-Dibromoethane  
Concen: 5.167 ug/l  
RT: 11.176 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

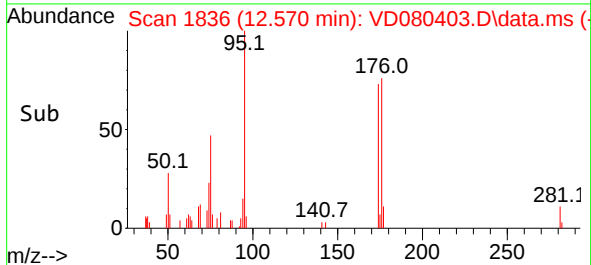
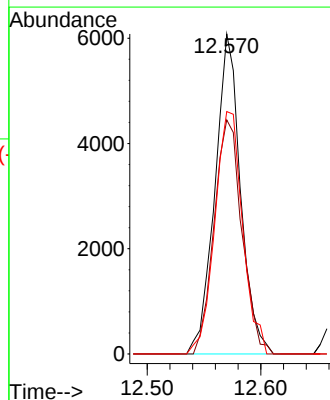
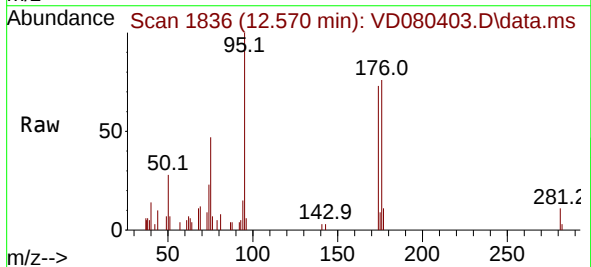
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

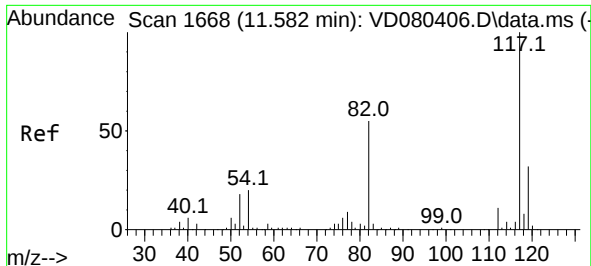
Tgt Ion:107 Resp: 6495  
Ion Ratio Lower Upper  
107 100  
109 86.1 76.3 114.5



#62  
4-Bromofluorobenzene  
Concen: 4.584 ug/l  
RT: 12.570 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 95 Resp: 9514  
Ion Ratio Lower Upper  
95 100  
174 79.7 0.0 164.4  
176 82.2 0.0 155.8

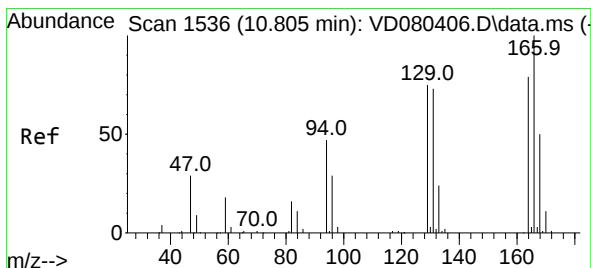
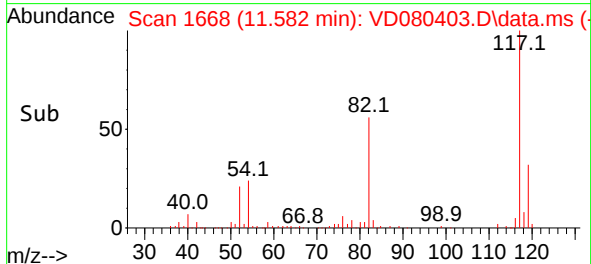
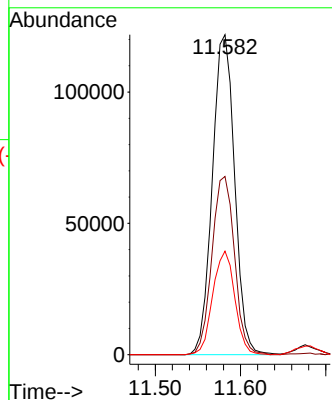
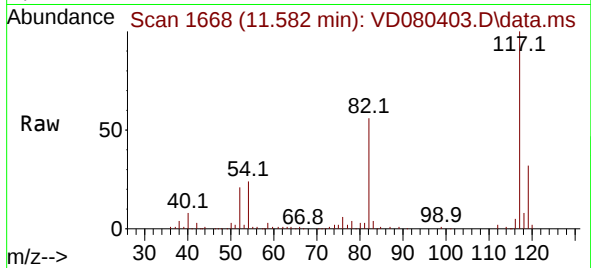




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.582 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

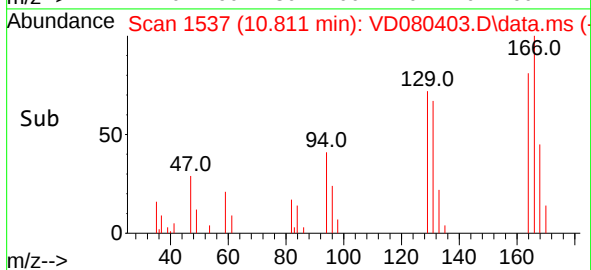
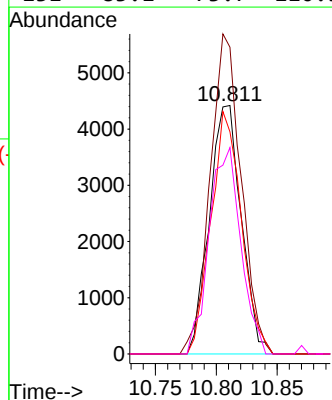
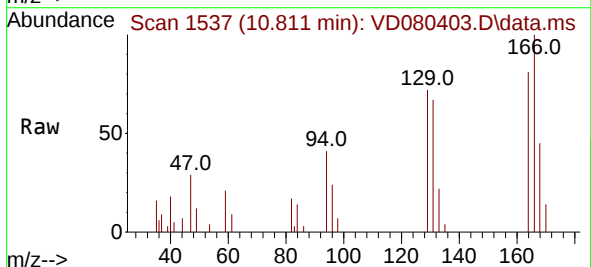
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

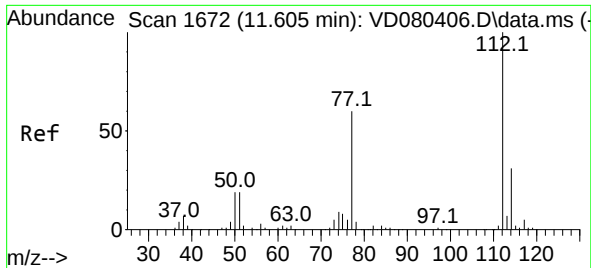
Tgt Ion:117 Resp: 221421  
Ion Ratio Lower Upper  
117 100  
82 55.7 44.2 66.2  
119 32.3 25.3 37.9



#64  
Tetrachloroethene  
Concen: 5.439 ug/l  
RT: 10.811 min Scan# 1537  
Delta R.T. 0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion:164 Resp: 8086  
Ion Ratio Lower Upper  
164 100  
166 123.5 101.7 152.5  
129 89.4 76.6 114.8  
131 83.1 73.7 110.5

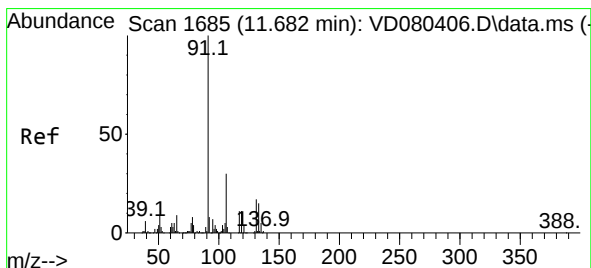
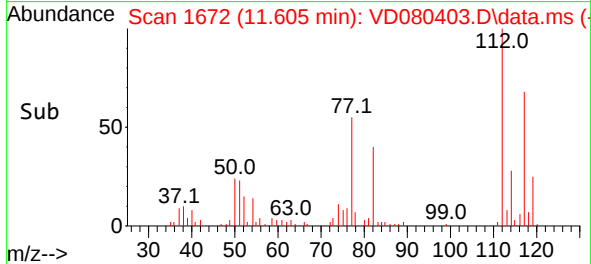
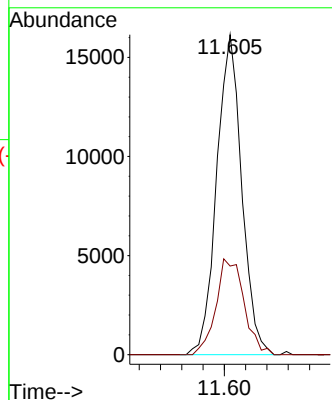
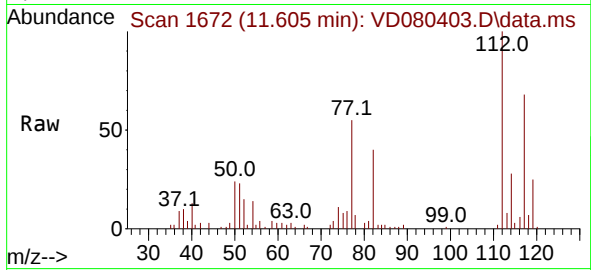




#65  
Chlorobenzene  
Concen: 5.370 ug/l  
RT: 11.605 min Scan# 1672  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

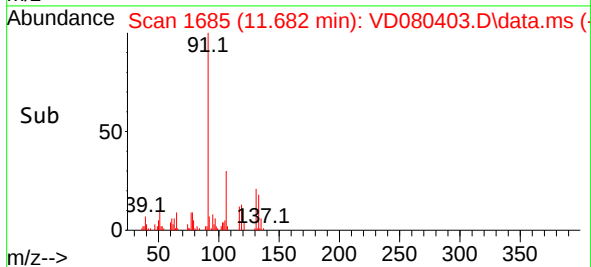
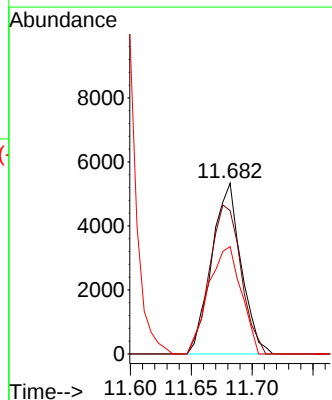
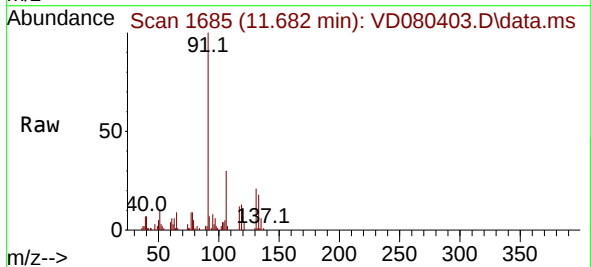
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

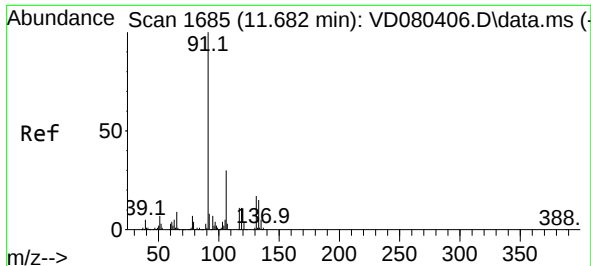
Tgt Ion:112 Resp: 26301  
Ion Ratio Lower Upper  
112 100  
114 27.7 24.8 37.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.452 ug/l  
RT: 11.682 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion:131 Resp: 8965  
Ion Ratio Lower Upper  
131 100  
133 93.3 45.9 137.6  
119 70.3 33.1 99.5

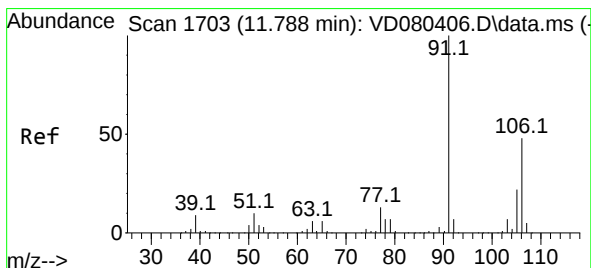
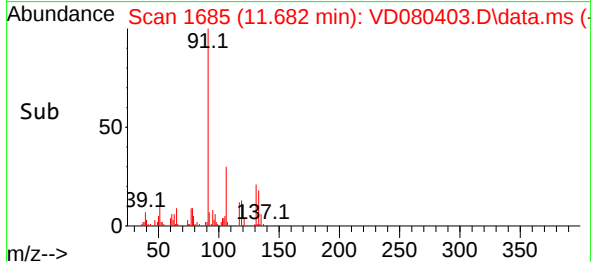
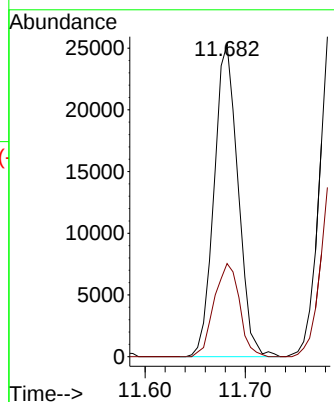
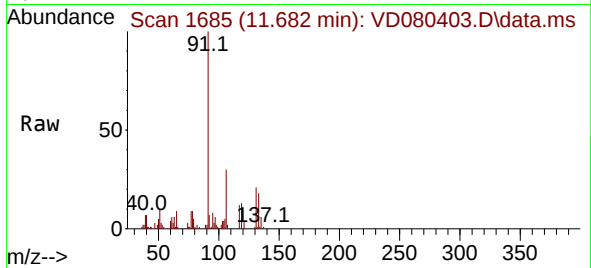




#67  
Ethyl Benzene  
Concen: 4.976 ug/l  
RT: 11.682 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

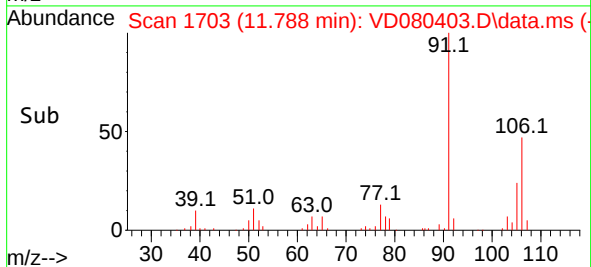
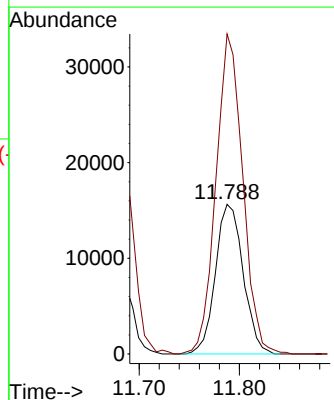
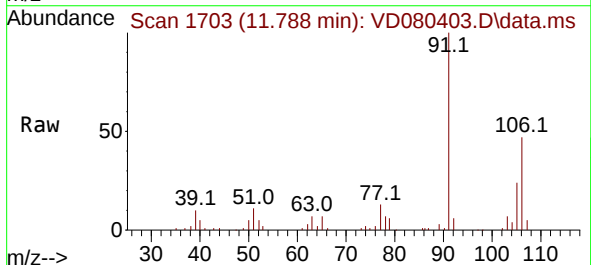
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

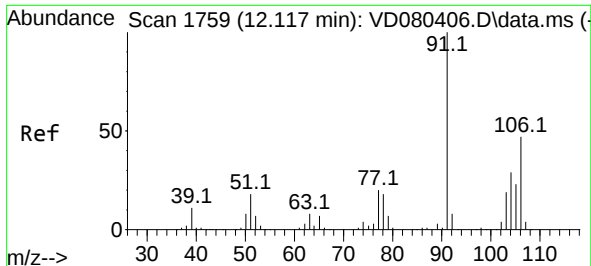
Tgt Ion: 91 Resp: 41938  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.4 36.6



#68  
m/p-Xylenes  
Concen: 9.392 ug/l  
RT: 11.788 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 106 Resp: 30038  
Ion Ratio Lower Upper  
106 100  
91 206.9 163.6 245.4

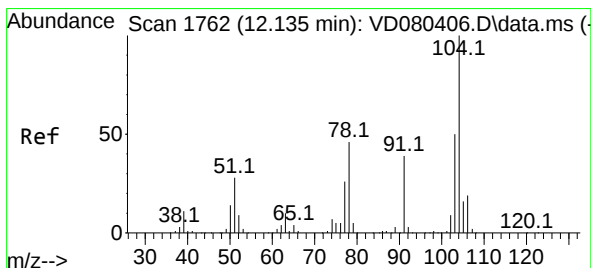
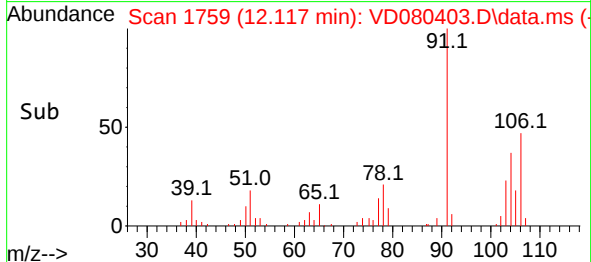
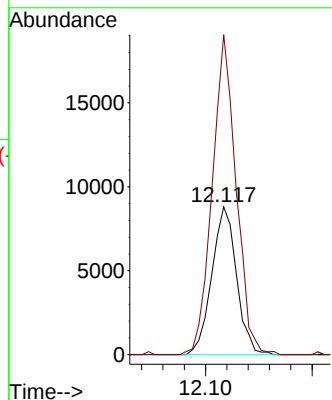
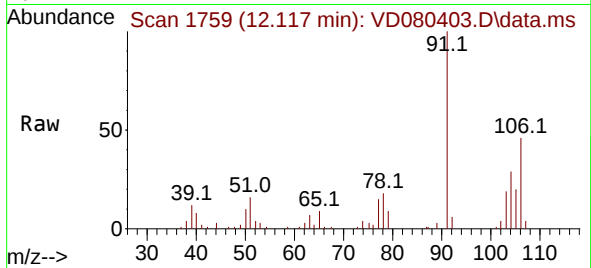




#69  
o-Xylene  
Concen: 4.776 ug/l  
RT: 12.117 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

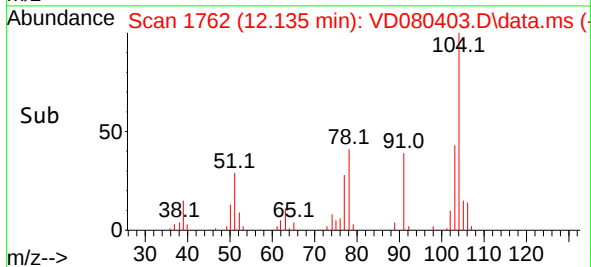
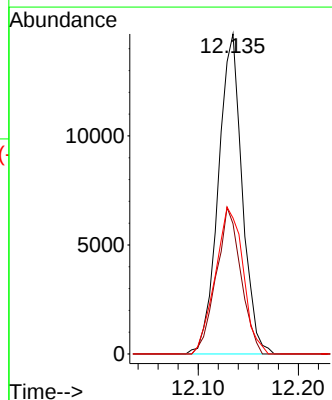
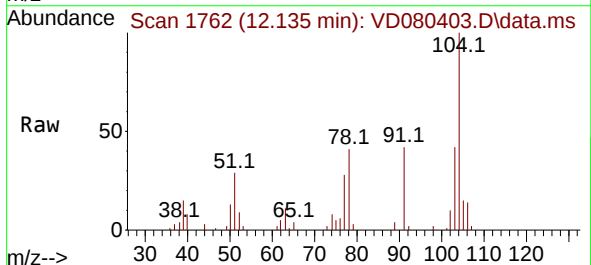
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

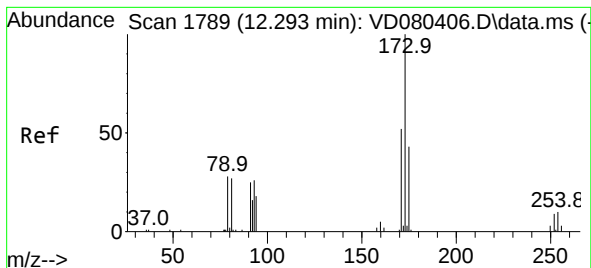
Tgt Ion:106 Resp: 14174  
Ion Ratio Lower Upper  
106 100  
91 208.9 108.2 324.6



#70  
Styrene  
Concen: 4.619 ug/l  
RT: 12.135 min Scan# 1762  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion:104 Resp: 24195  
Ion Ratio Lower Upper  
104 100  
78 47.5 39.9 59.9  
103 53.5 45.0 67.4





#71

Bromoform

Concen: 5.543 ug/l

RT: 12.294 min Scan# 1789

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

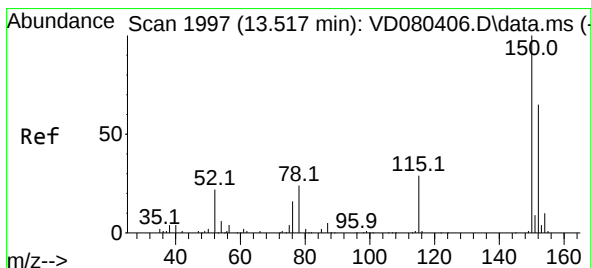
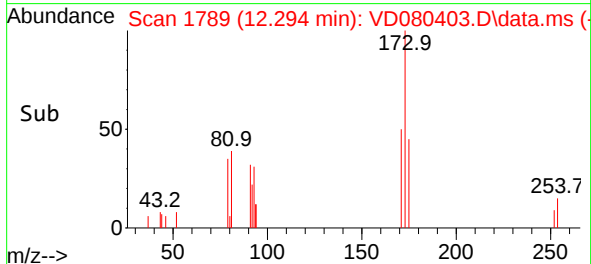
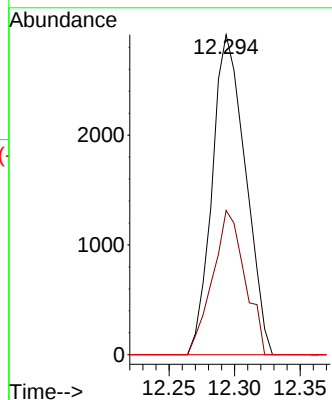
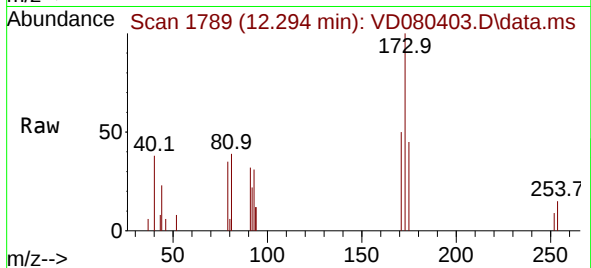
Tgt Ion:173 Resp: 5152

Ion Ratio Lower Upper

173 100

175 43.7 23.4 70.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

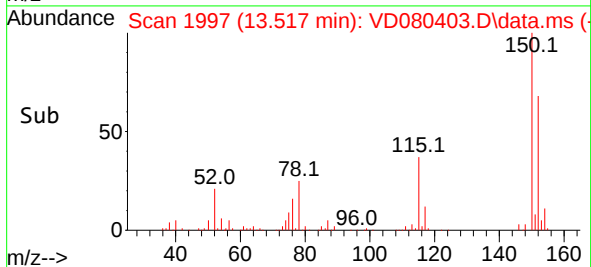
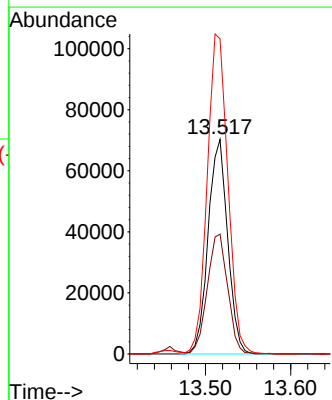
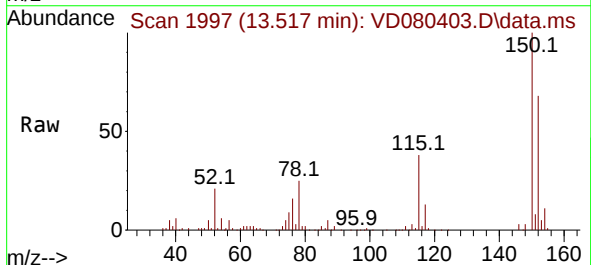
Tgt Ion:152 Resp: 112061

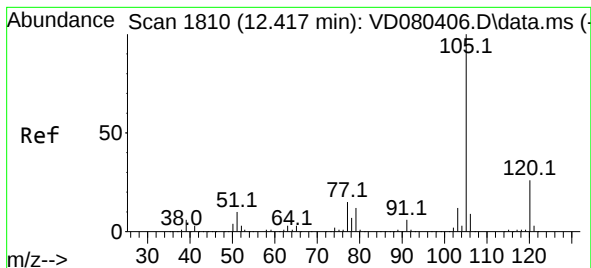
Ion Ratio Lower Upper

152 100

115 58.3 30.1 90.5

150 157.3 0.0 354.2





#73

Isopropylbenzene

Concen: 4.569 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

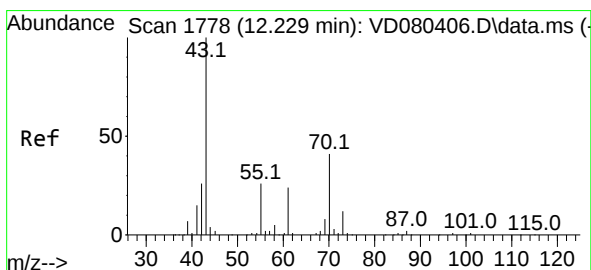
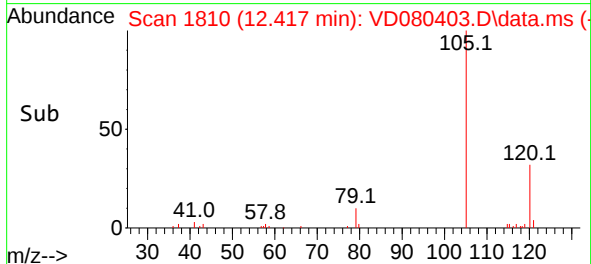
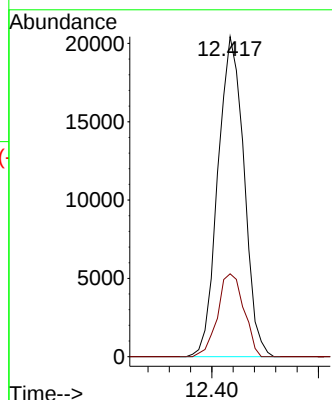
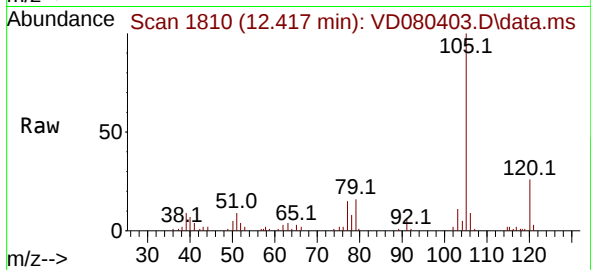
VSTDIC005

Tgt Ion:105 Resp: 34757

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



#74

N-ethyl acetate

Concen: 4.921 ug/l

RT: 12.229 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Tgt Ion: 43 Resp: 10452

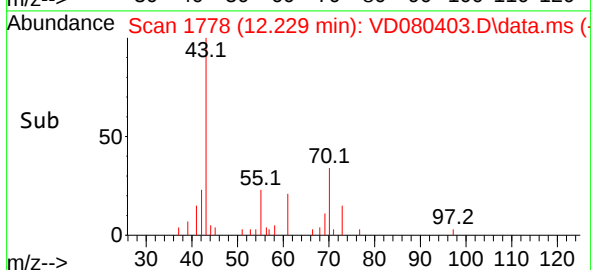
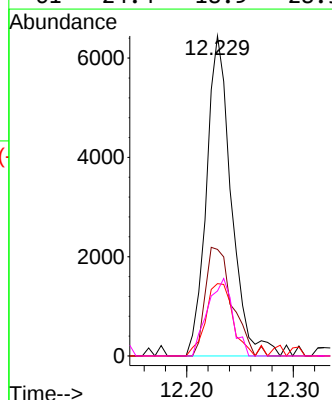
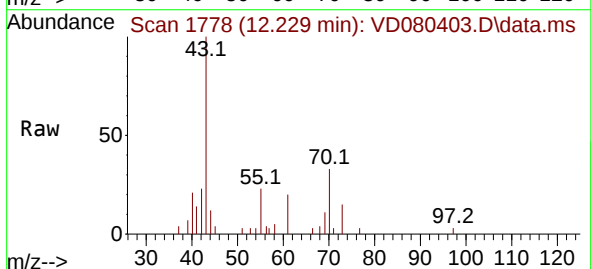
Ion Ratio Lower Upper

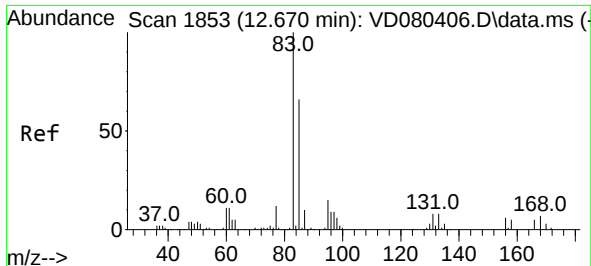
43 100

70 36.8 32.6 48.8

55 24.6 20.0 30.0

61 24.4 18.9 28.3

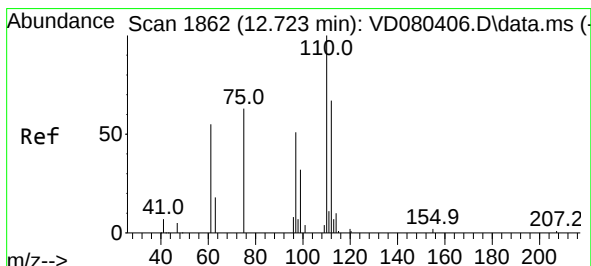
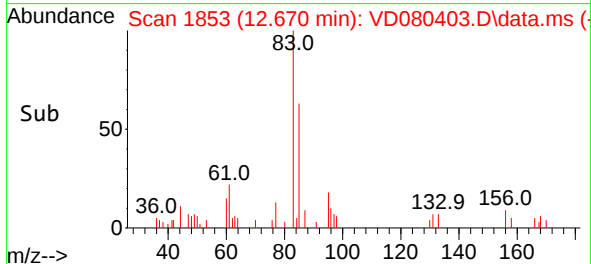
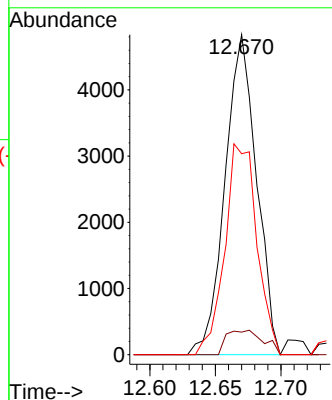
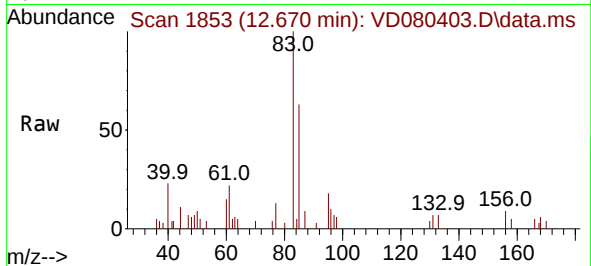




#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.134 ug/l  
RT: 12.670 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

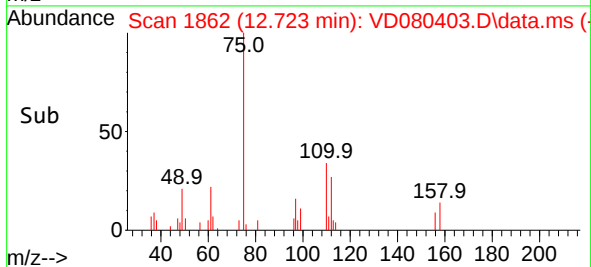
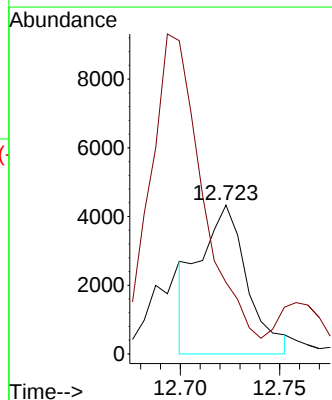
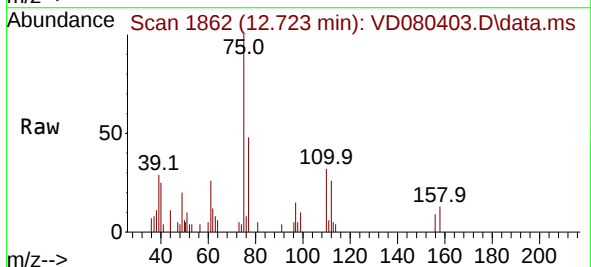
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

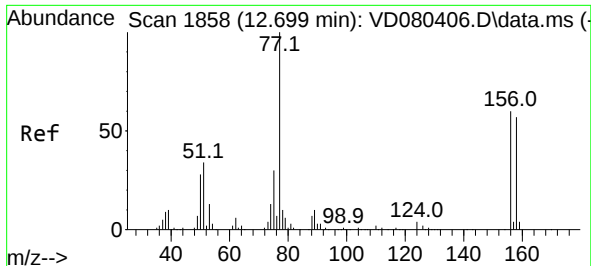
Tgt Ion: 83 Resp: 8077  
Ion Ratio Lower Upper  
83 100  
131 8.9 4.6 13.8  
85 67.0 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 5.623 ug/l m  
RT: 12.723 min Scan# 1862  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 75 Resp: 7277  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

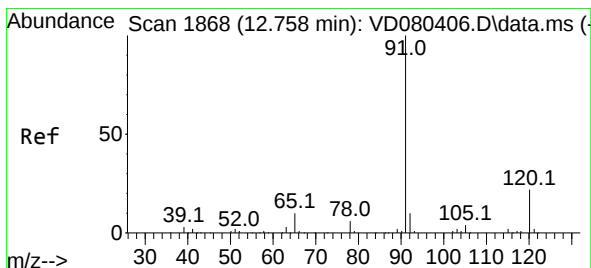
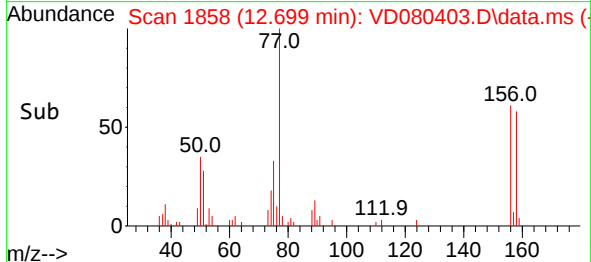
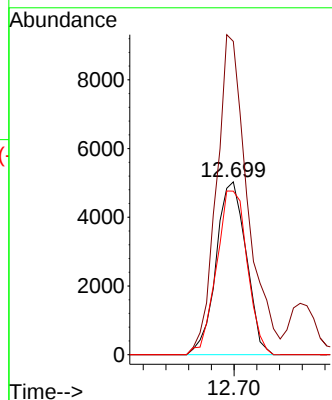
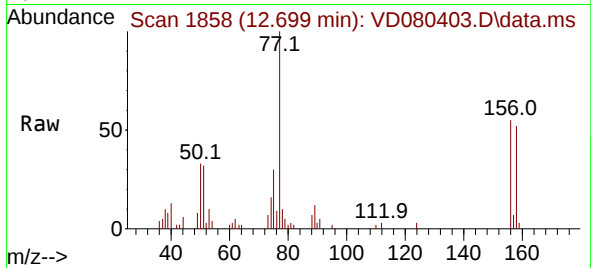




#77  
Bromobenzene  
Concen: 4.907 ug/l  
RT: 12.699 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

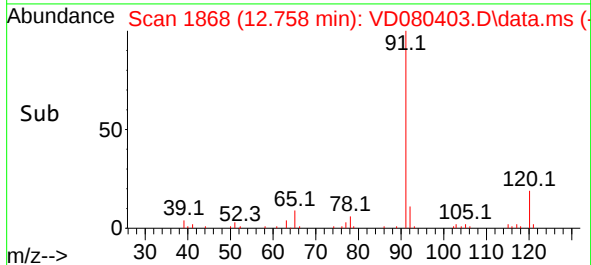
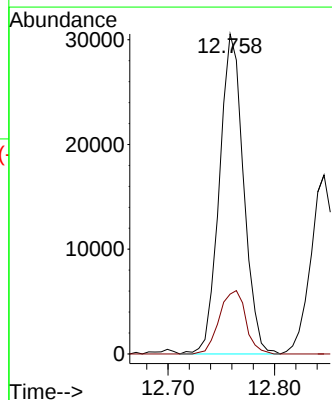
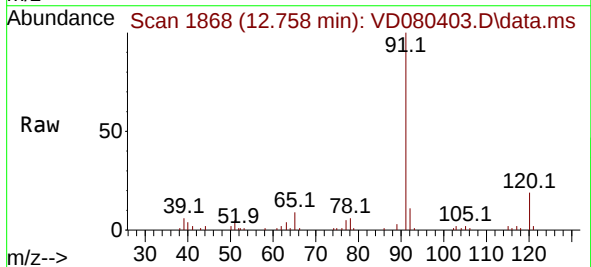
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC005

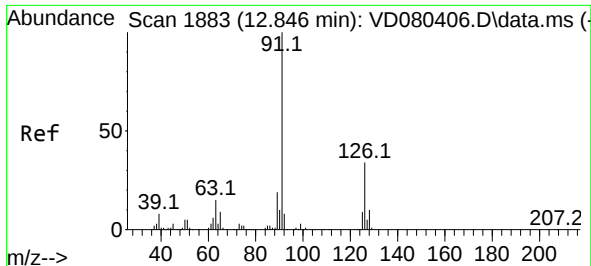
Tgt Ion:156 Resp: 9256  
Ion Ratio Lower Upper  
156 100  
77 191.2 95.3 286.1  
158 97.0 48.0 144.0



#78  
n-propylbenzene  
Concen: 4.875 ug/l  
RT: 12.758 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 91 Resp: 48153  
Ion Ratio Lower Upper  
91 100  
120 21.6 11.2 33.5

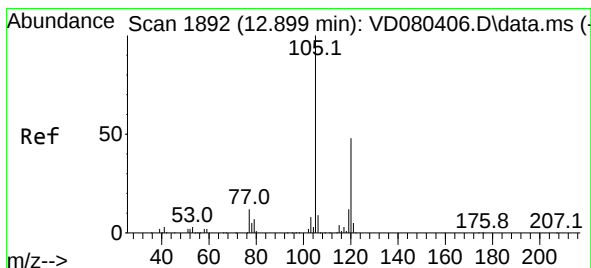
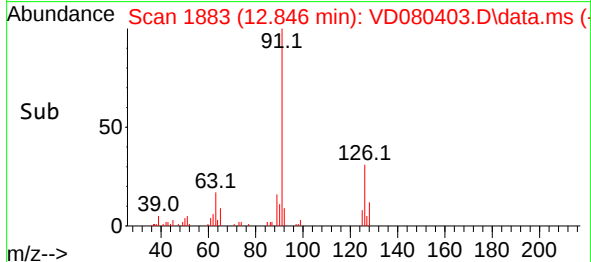
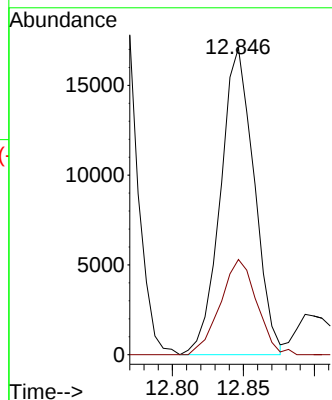
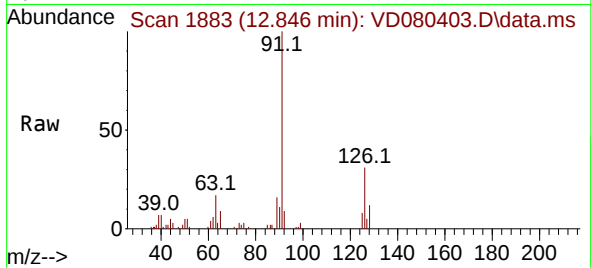




#79  
2-Chlorotoluene  
Concen: 4.993 ug/l  
RT: 12.846 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

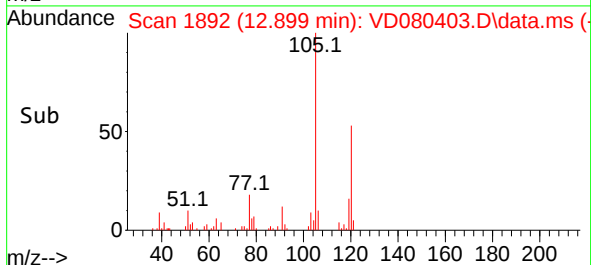
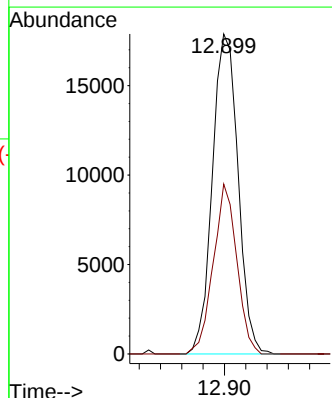
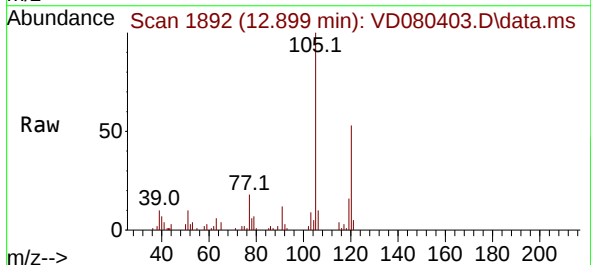
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

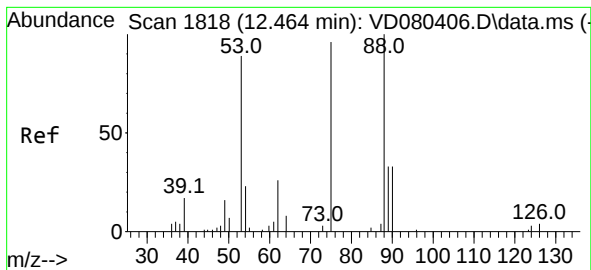
Tgt Ion: 91 Resp: 28199  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.5 49.5



#80  
1,3,5-Trimethylbenzene  
Concen: 4.594 ug/l  
RT: 12.899 min Scan# 1892  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 105 Resp: 29917  
Ion Ratio Lower Upper  
105 100  
120 48.7 23.8 71.4

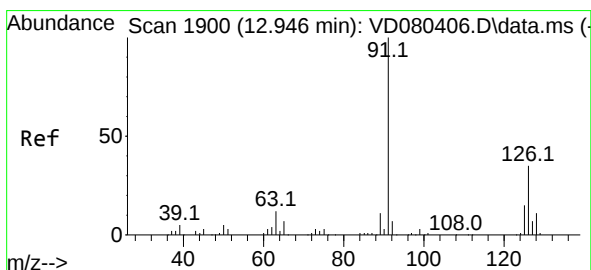
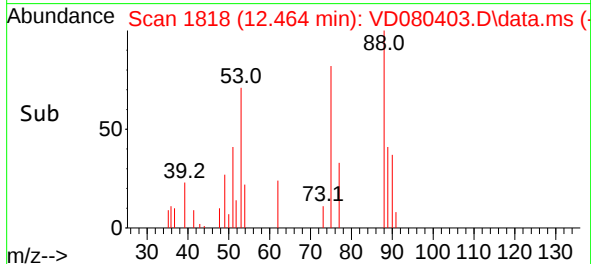
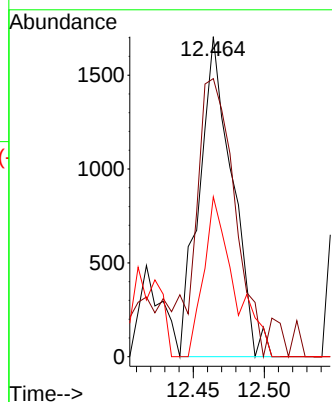
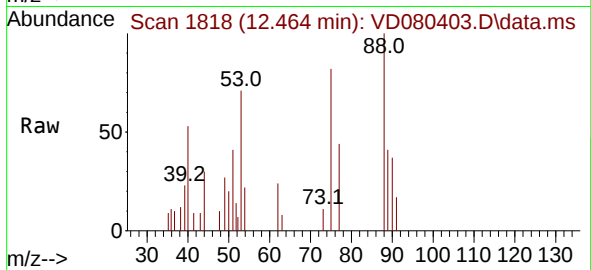




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.771 ug/l  
RT: 12.464 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

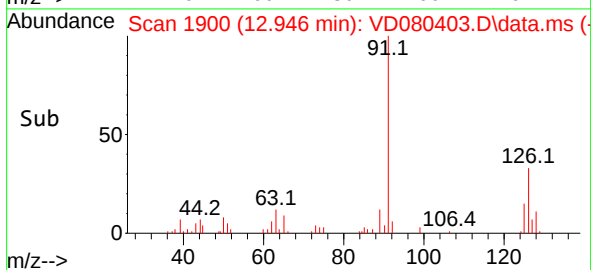
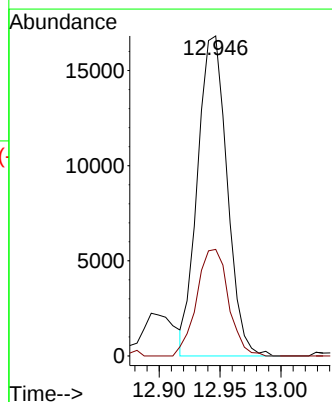
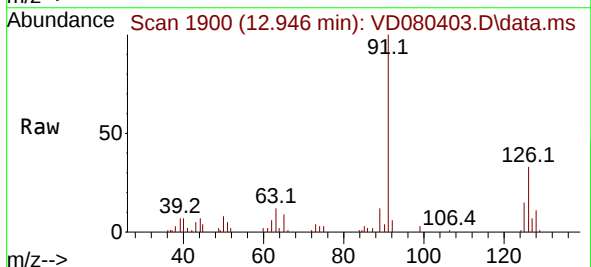
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

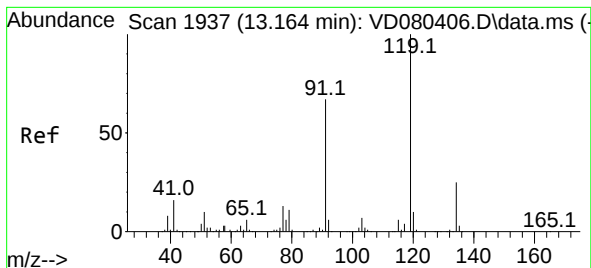
Tgt Ion: 75 Resp: 2758  
Ion Ratio Lower Upper  
75 100  
53 101.5 69.9 104.9  
89 46.6 34.1 51.1



#82  
4-Chlorotoluene  
Concen: 4.726 ug/l  
RT: 12.946 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 91 Resp: 28413  
Ion Ratio Lower Upper  
91 100  
126 35.7 16.5 49.5





#83

tert-Butylbenzene

Concen: 4.500 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

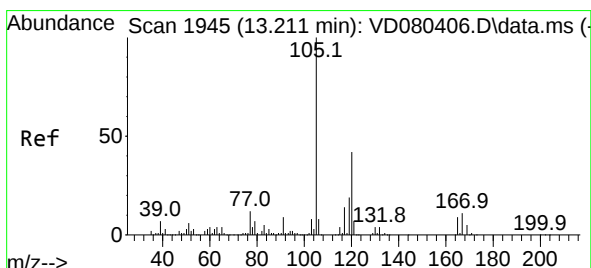
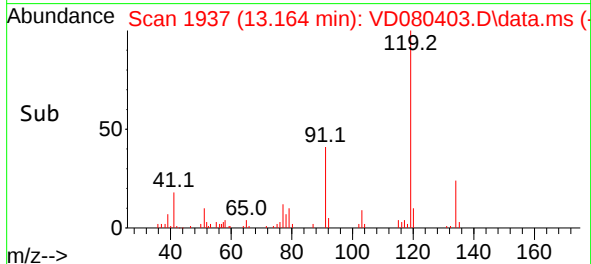
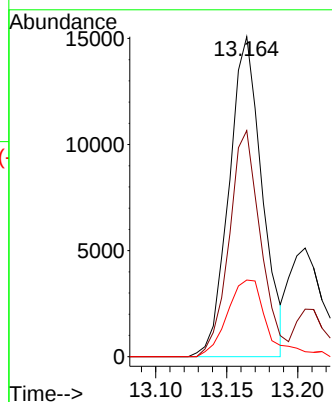
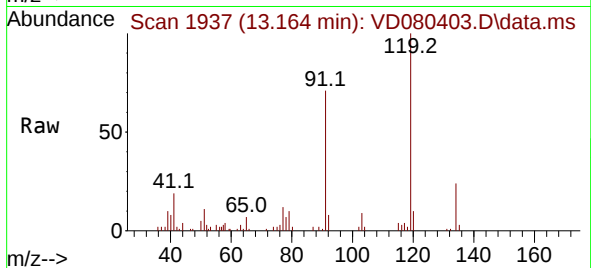
Tgt Ion:119 Resp: 24393

Ion Ratio Lower Upper

119 100

91 67.7 34.2 102.5

134 28.8 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 4.381 ug/l

RT: 13.205 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VD080403.D

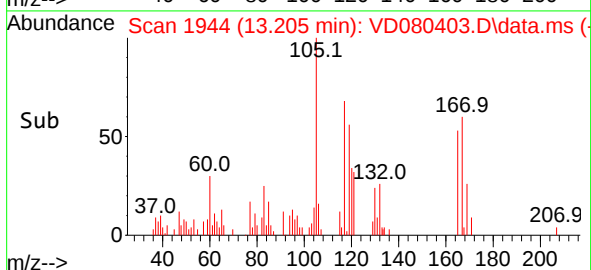
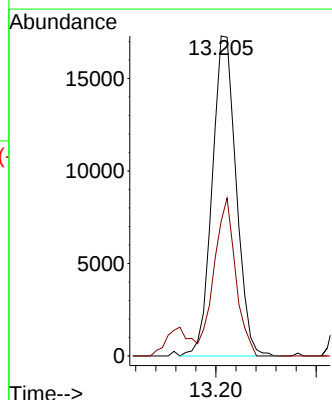
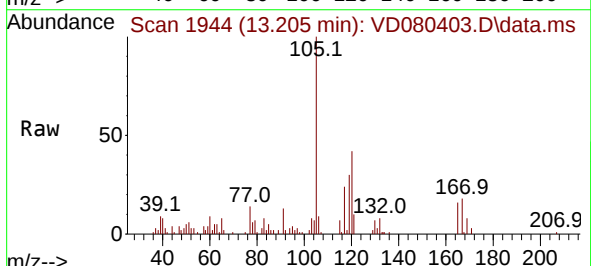
Acq: 04 Jun 2025 08:37

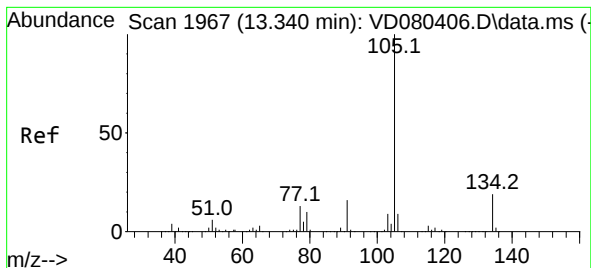
Tgt Ion:105 Resp: 28794

Ion Ratio Lower Upper

105 100

120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 4.708 ug/l

RT: 13.341 min Scan# 1967

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

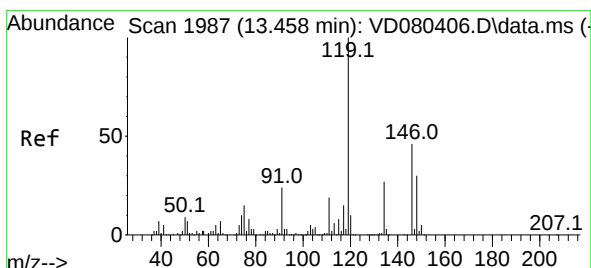
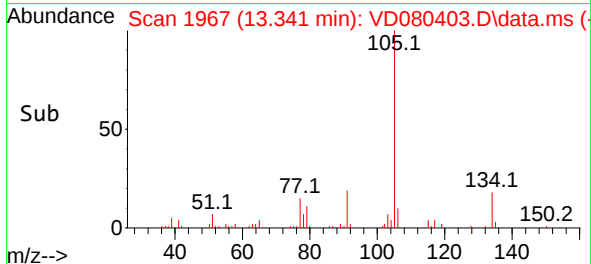
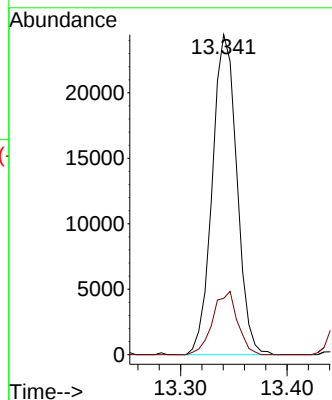
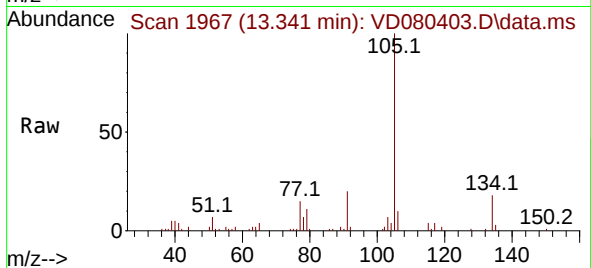
VSTDIC005

Tgt Ion:105 Resp: 39145

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



#86

p-Isopropyltoluene

Concen: 4.531 ug/l

RT: 13.458 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

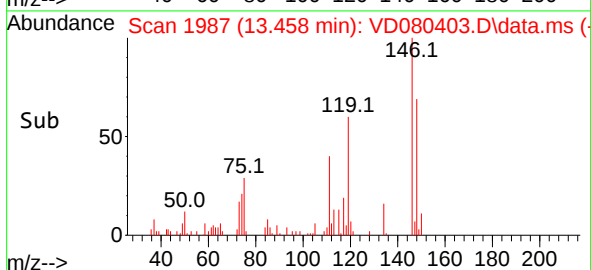
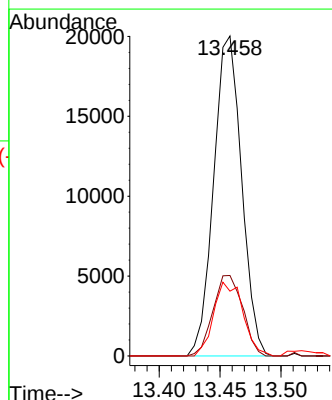
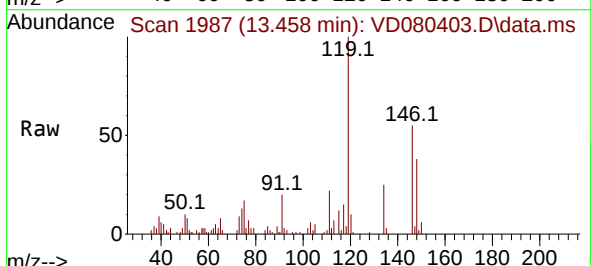
Tgt Ion:119 Resp: 31944

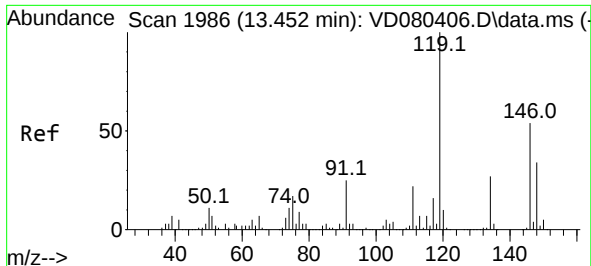
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 24.3 12.0 36.1

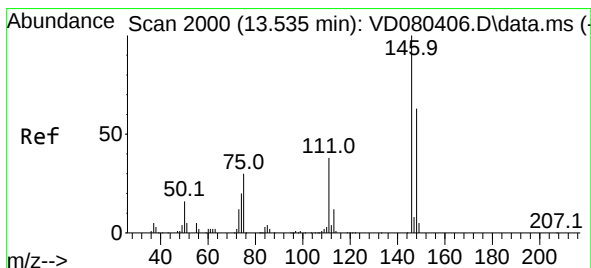
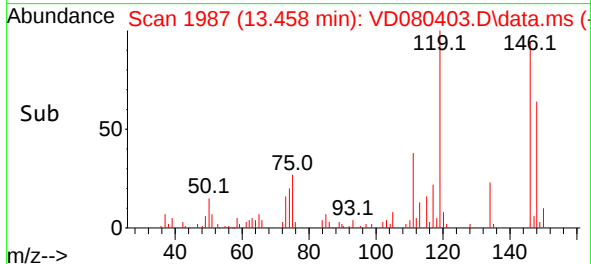
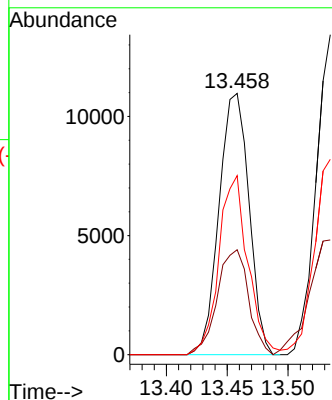
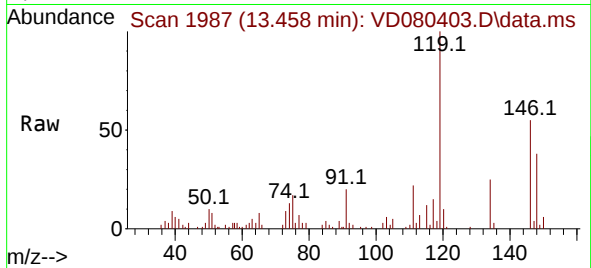




#87  
1,3-Dichlorobenzene  
Concen: 4.886 ug/l  
RT: 13.458 min Scan# 1986  
Delta R.T. 0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

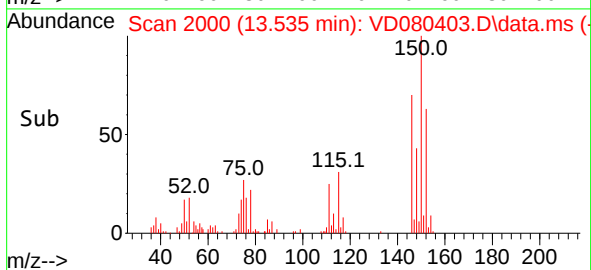
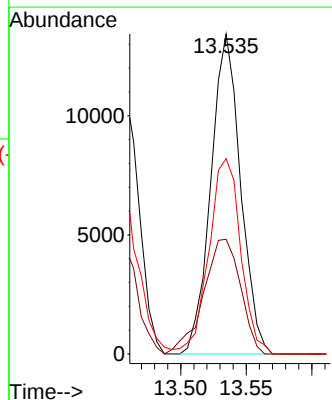
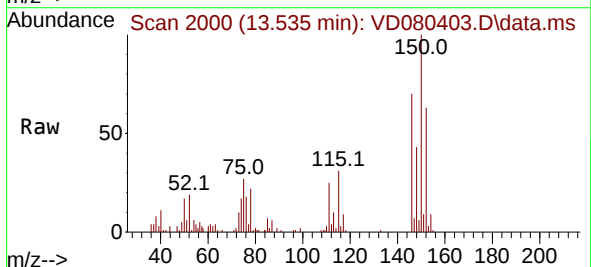
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

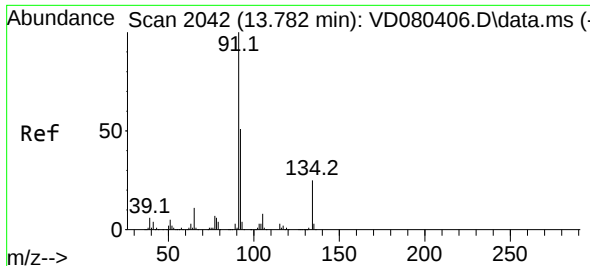
Tgt Ion:146 Resp: 18767  
Ion Ratio Lower Upper  
146 100  
111 42.0 20.3 60.8  
148 66.4 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 5.389 ug/l  
RT: 13.535 min Scan# 2000  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion:146 Resp: 21086  
Ion Ratio Lower Upper  
146 100  
111 44.7 19.0 57.0  
148 65.5 31.2 93.6

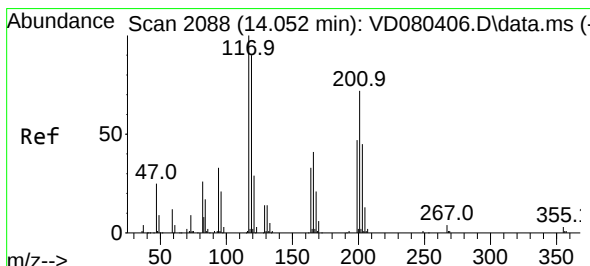
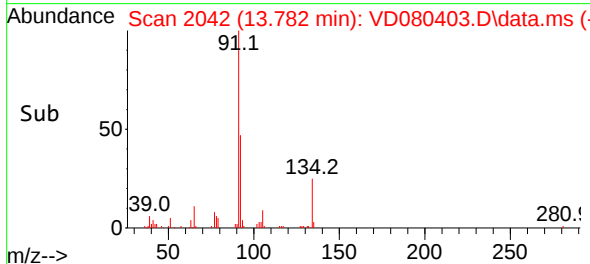
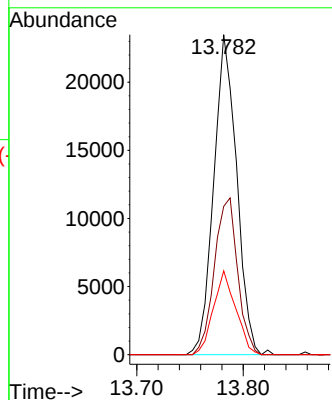
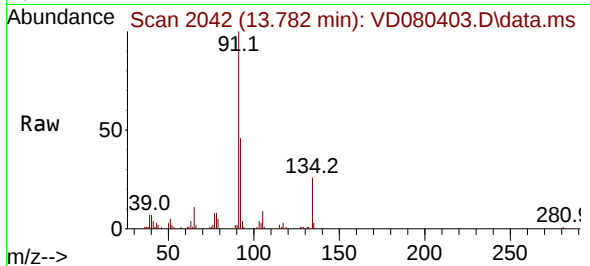




#89  
n-Butylbenzene  
Concen: 5.036 ug/l  
RT: 13.782 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

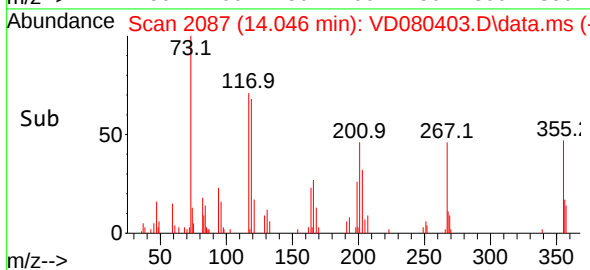
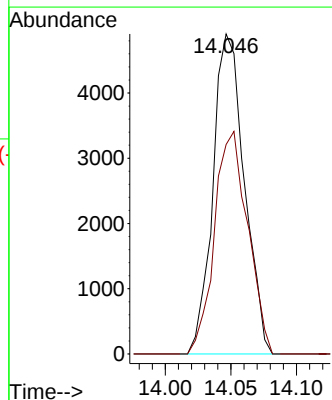
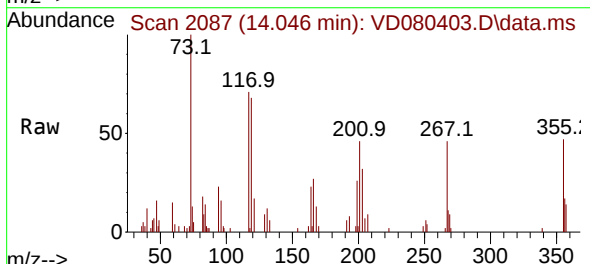
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

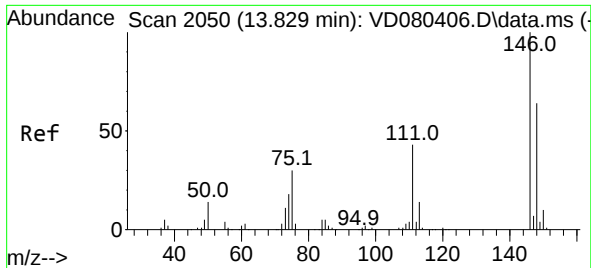
Tgt Ion: 91 Resp: 35034  
Ion Ratio Lower Upper  
91 100  
92 49.7 26.5 79.5  
134 25.6 12.3 36.8



#90  
Hexachloroethane  
Concen: 5.520 ug/l  
RT: 14.046 min Scan# 2087  
Delta R.T. -0.006 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 117 Resp: 8186  
Ion Ratio Lower Upper  
117 100  
201 73.6 36.6 109.8

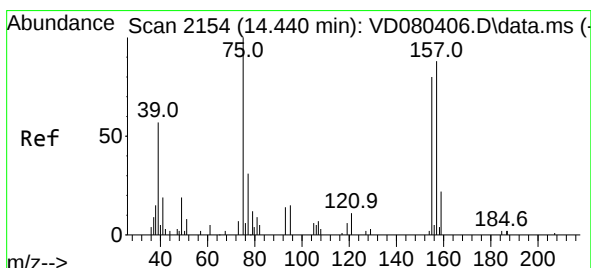
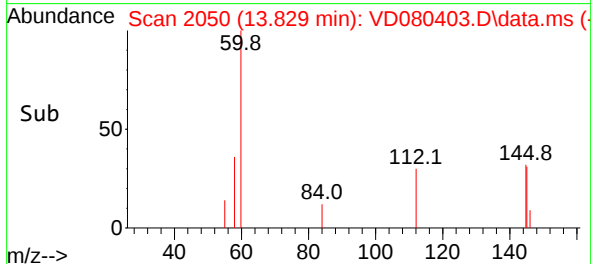
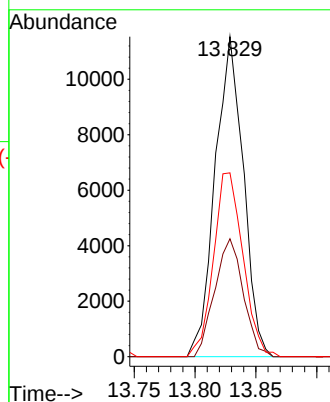
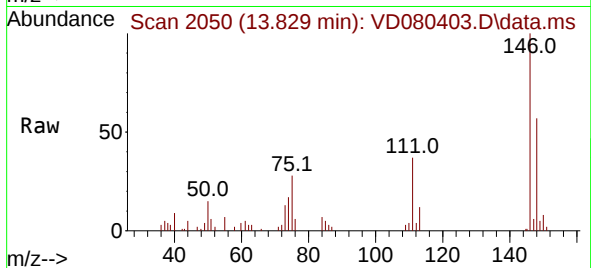




#91  
1,2-Dichlorobenzene  
Concen: 5.497 ug/l  
RT: 13.829 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

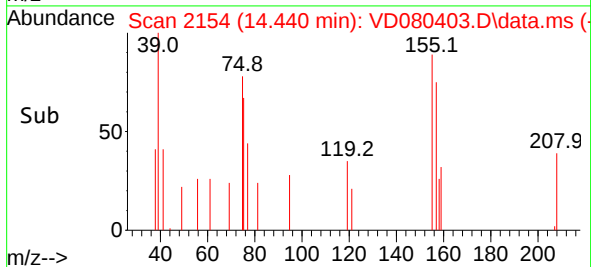
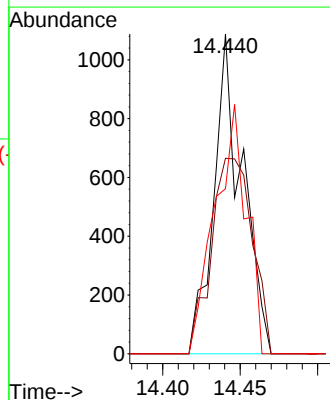
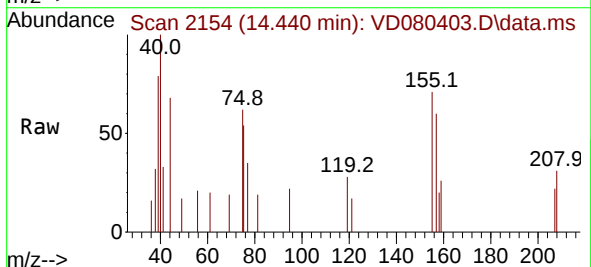
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

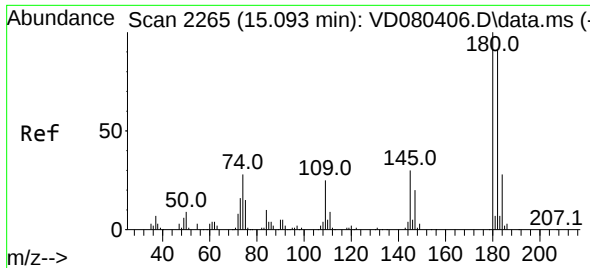
Tgt Ion:146 Resp: 18609  
Ion Ratio Lower Upper  
146 100  
111 37.3 21.1 63.3  
148 60.0 32.6 97.8



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 5.486 ug/l  
RT: 14.440 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: VD080403.D  
Acq: 04 Jun 2025 08:37

Tgt Ion: 75 Resp: 1398  
Ion Ratio Lower Upper  
75 100  
155 87.6 37.6 112.9  
157 86.0 49.5 148.5

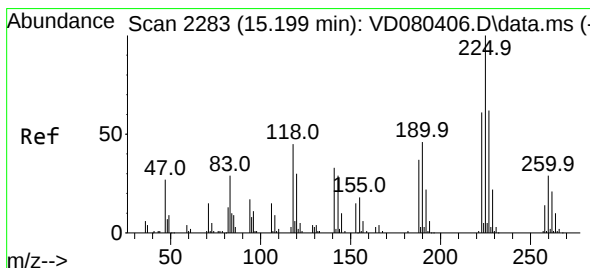
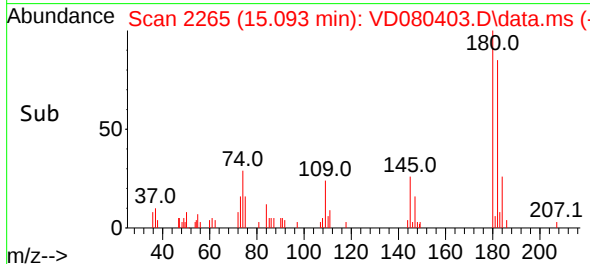
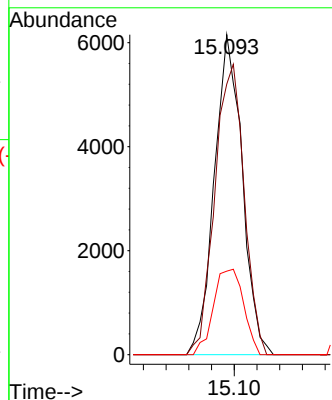
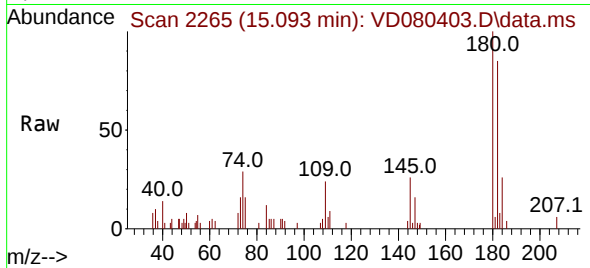




#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.062 ug/l  
 RT: 15.093 min Scan# 2265  
 Delta R.T. 0.000 min  
 Lab File: VD080403.D  
 Acq: 04 Jun 2025 08:37

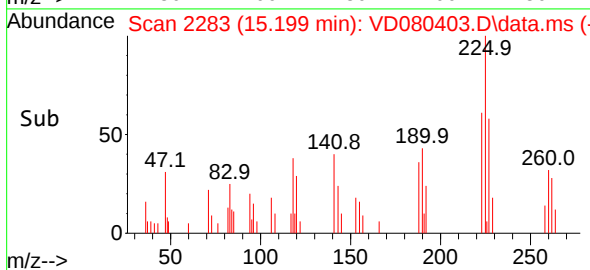
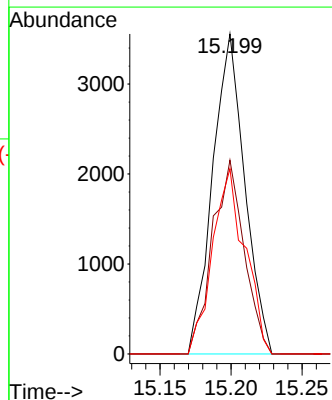
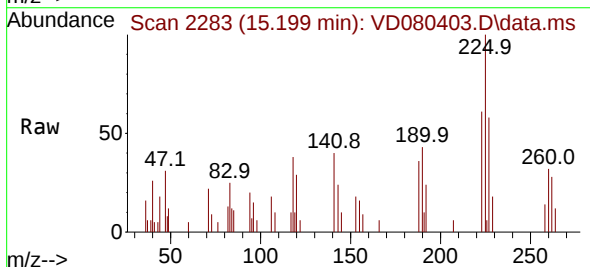
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

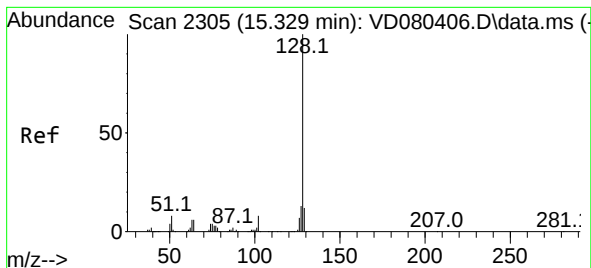
Tgt Ion:180 Resp: 10476  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 47.6 142.8  
 145 28.8 15.0 45.1



#94  
 Hexachlorobutadiene  
 Concen: 5.421 ug/l  
 RT: 15.199 min Scan# 2283  
 Delta R.T. 0.000 min  
 Lab File: VD080403.D  
 Acq: 04 Jun 2025 08:37

Tgt Ion:225 Resp: 5590  
 Ion Ratio Lower Upper  
 225 100  
 223 59.8 31.6 95.0  
 227 58.7 31.1 93.2





#95

Naphthalene

Concen: 4.767 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

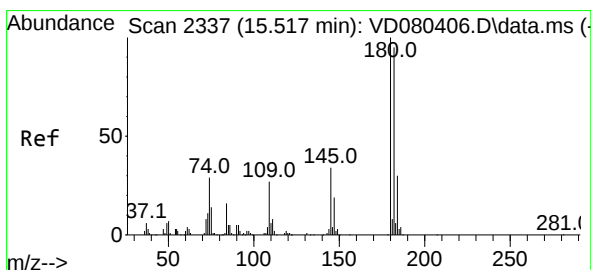
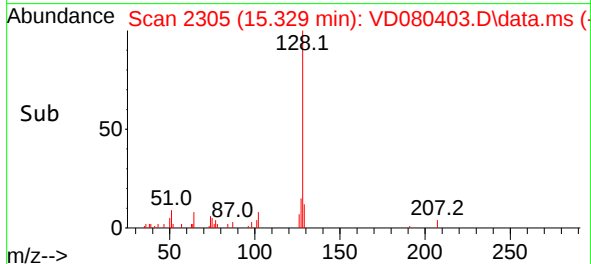
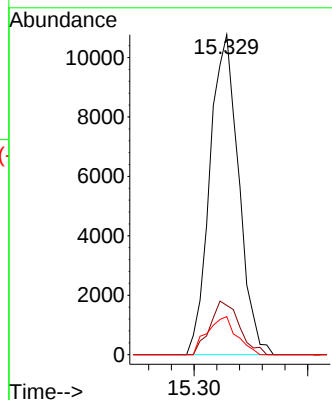
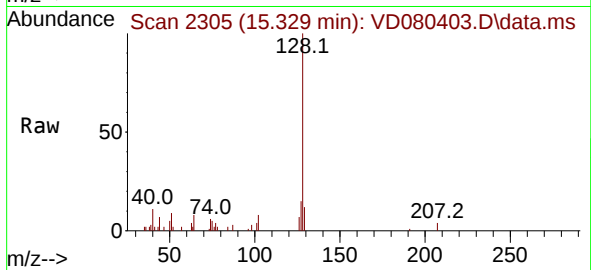
Tgt Ion:128 Resp: 18988

Ion Ratio Lower Upper

128 100

127 15.4 10.8 16.2

129 11.9 9.4 14.2



#96

1,2,3-Trichlorobenzene

Concen: 5.040 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD080403.D

Acq: 04 Jun 2025 08:37

Tgt Ion:180 Resp: 9339

Ion Ratio Lower Upper

180 100

182 88.9 47.3 142.0

145 32.1 16.5 49.5

