

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051525\  
 Data File : VD080338.D  
 Acq On : 15 May 2025 10:21  
 Operator : RP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 16 02:51:00 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050625S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 07 08:57:11 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.876  | 168  | 128836   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.776  | 114  | 202771   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.582 | 117  | 187678   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.517 | 152  | 101416   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.229  | 65    | 73230    | 43.954   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 87.900%  |
| 35) Dibromofluoromethane    | 7.805  | 113   | 70816    | 52.107   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 104.220% |
| 50) Toluene-d8              | 10.270 | 98    | 278482   | 52.006   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 104.020% |
| 62) 4-Bromofluorobenzene    | 12.570 | 95    | 86690    | 50.439   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 100.880% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.935 | 85  | 77362  | 70.793  | ug/l   | 99  |
| 3) Chloromethane             | 2.153 | 50  | 116522 | 52.932  | ug/l   | 94  |
| 4) Vinyl Chloride            | 2.288 | 62  | 141980 | 42.390  | ug/l   | 98  |
| 5) Bromomethane              | 2.700 | 94  | 97463  | 40.426  | ug/l   | 99  |
| 6) Chloroethane              | 2.841 | 64  | 94882  | 40.066  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.182 | 101 | 136730 | 53.239  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.600 | 74  | 39350  | 49.636  | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 3.970 | 101 | 82415  | 52.084  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.164 | 142 | 96628  | 59.905  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 5.047 | 59  | 21584  | 213.494 | ug/l # | 85  |
| 12) 1,1-Dichloroethene       | 3.947 | 96  | 82001  | 52.564  | ug/l   | 95  |
| 13) Acrolein                 | 3.800 | 56  | 14848  | 83.471  | ug/l   | 97  |
| 14) Allyl chloride           | 4.564 | 41  | 123638 | 50.393  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.253 | 53  | 88678  | 232.670 | ug/l   | 99  |
| 16) Acetone                  | 4.023 | 43  | 92231  | 363.471 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.276 | 76  | 285685 | 52.737  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.564 | 43  | 44482  | 41.261  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.317 | 73  | 179284 | 52.313  | ug/l   | 96  |
| 20) Methylene Chloride       | 4.800 | 84  | 97656  | 55.289  | ug/l   | 89  |
| 21) trans-1,2-Dichloroethene | 5.317 | 96  | 92237  | 54.425  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.211 | 45  | 263793 | 52.195  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.158 | 43  | 765416 | 260.031 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.117 | 63  | 163719 | 51.479  | ug/l   | 100 |
| 25) 2-Butanone               | 7.082 | 43  | 116269 | 253.635 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.076 | 77  | 138657 | 54.791  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.082 | 96  | 101674 | 54.150  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.429 | 49  | 62818  | 42.423  | ug/l   | 91  |
| 29) Tetrahydrofuran          | 7.441 | 42  | 71142  | 238.020 | ug/l   | 98  |
| 30) Chloroform               | 7.594 | 83  | 160420 | 50.582  | ug/l   | 96  |
| 31) Cyclohexane              | 7.876 | 56  | 139369 | 51.490  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 7.794 | 97  | 142456 | 55.056  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.011 | 75  | 118894 | 58.536  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.164 | 43  | 51345  | 48.343  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.994 | 117 | 122305 | 57.739  | ug/l   | 93  |
| 39) Methylcyclohexane        | 9.276 | 83  | 143995 | 61.095  | ug/l   | 98  |
| 40) Benzene                  | 8.252 | 78  | 359149 | 56.433  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051525\  
 Data File : VD080338.D  
 Acq On : 15 May 2025 10:21  
 Operator : RP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 16 02:51:00 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050625S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 07 08:57:11 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.400  | 41   | 29167    | 49.624  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.329  | 62   | 96794    | 52.487  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.358  | 43   | 97631    | 50.692  | ug/l   | 98       |
| 44) Trichloroethene           | 9.029  | 130  | 85583    | 57.931  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.299  | 63   | 88762    | 54.382  | ug/l   | 95       |
| 46) Dibromomethane            | 9.394  | 93   | 48775    | 54.886  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.582  | 83   | 125073   | 55.451  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.382  | 41   | 48613    | 53.123  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.388  | 88   | 9591     | 907.773 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.158 | 43   | 258886   | 260.882 | ug/l   | 96       |
| 52) Toluene                   | 10.335 | 92   | 221780   | 57.844  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 114119   | 55.498  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.017 | 75   | 135811   | 56.996  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.735 | 97   | 62836    | 53.455  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.594 | 69   | 80429    | 56.465  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.876 | 76   | 107008   | 54.774  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.870  | 63   | 155362   | 266.522 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.917 | 43   | 182260   | 266.994 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.070 | 129  | 80459    | 54.618  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.182 | 107  | 59535    | 54.619  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.811 | 164  | 74356    | 58.506  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.605 | 112  | 232686   | 54.909  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.682 | 131  | 81141    | 55.732  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.682 | 91   | 415083   | 58.613  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.793 | 106  | 330823   | 120.312 | ug/l   | 99       |
| 69) o-Xylene                  | 12.117 | 106  | 149320   | 59.427  | ug/l   | 96       |
| 70) Styrene                   | 12.135 | 104  | 265611   | 58.870  | ug/l   | 99       |
| 71) Bromoform                 | 12.299 | 173  | 46690    | 53.977  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.417 | 105  | 389378   | 59.188  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.229 | 43   | 97199    | 51.479  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.670 | 83   | 71381    | 49.341  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.723 | 75   | 92297    | 94.296  | ug/l # | 100      |
| 77) Bromobenzene              | 12.699 | 156  | 92008    | 53.918  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.758 | 91   | 494888   | 59.945  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.846 | 91   | 278417   | 57.978  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.899 | 105  | 330481   | 58.898  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.464 | 75   | 27581    | 53.487  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.946 | 91   | 291908   | 56.313  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.164 | 119  | 277397   | 59.243  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.211 | 105  | 337550   | 58.796  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.340 | 105  | 428165   | 59.298  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.458 | 119  | 363065   | 59.828  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.458 | 146  | 194723   | 54.717  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.535 | 146  | 188790   | 52.622  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.787 | 91   | 349615   | 59.348  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.052 | 117  | 72348    | 53.882  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.829 | 146  | 168185   | 54.404  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.440 | 75   | 11973    | 51.928  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.099 | 180  | 104633   | 53.819  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.199 | 225  | 56239    | 55.602  | ug/l   | 100      |
| 95) Naphthalene               | 15.329 | 128  | 191844   | 52.553  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.517 | 180  | 93558    | 53.806  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051525\  
Data File : VD080338.D  
Acq On : 15 May 2025 10:21  
Operator : RP/MD  
Sample : VSTDCCC050  
Misc : 5.00G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

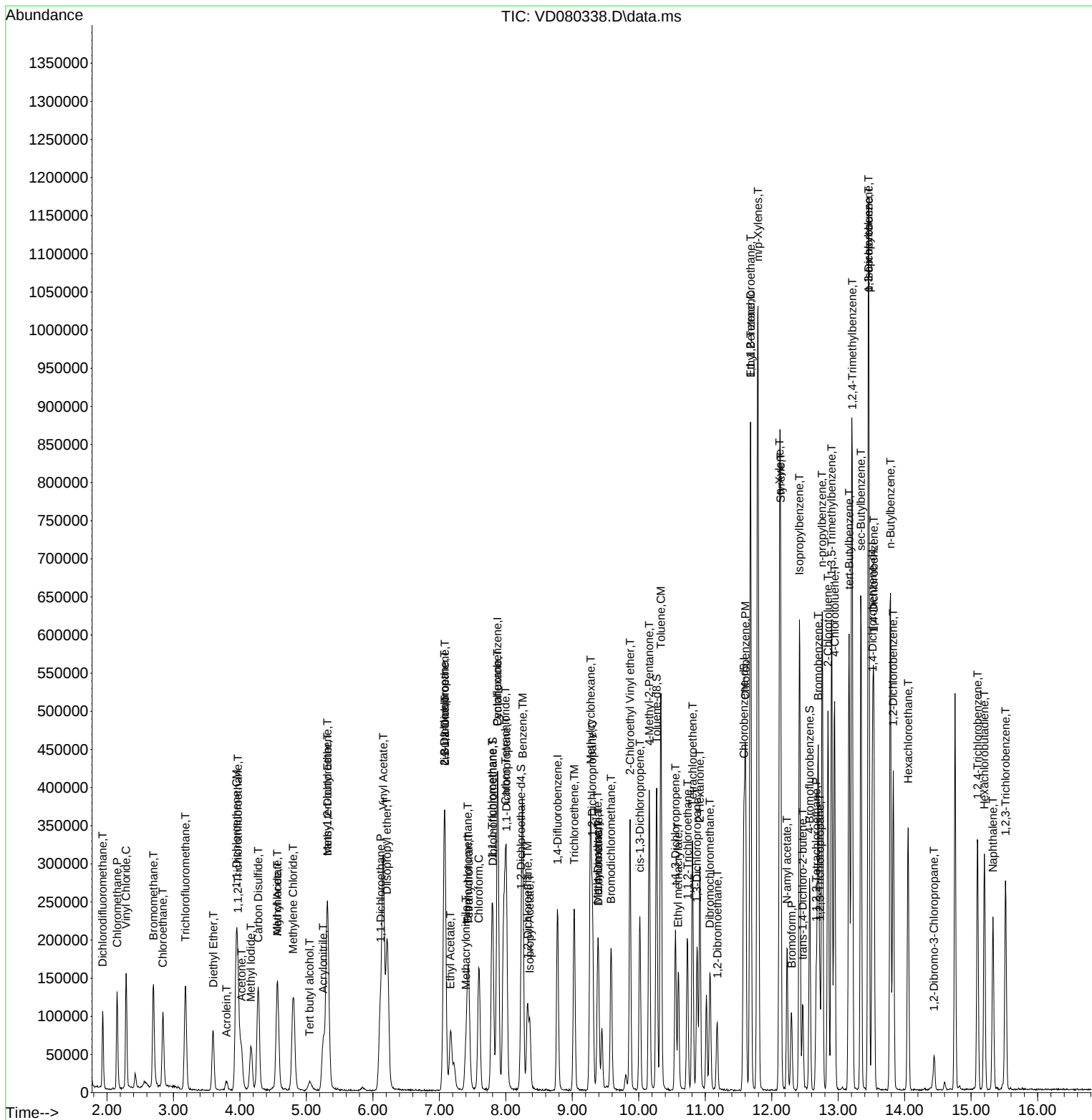
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

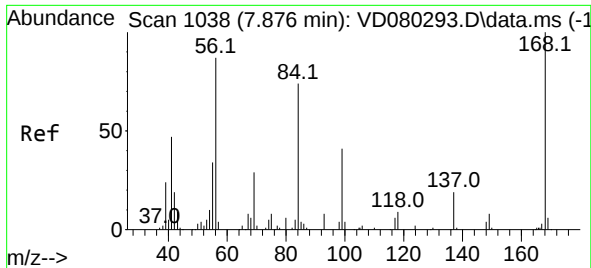
Quant Time: May 16 02:51:00 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050625S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 07 08:57:11 2025  
Response via : Initial Calibration

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

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

Quant Time: May 16 02:51:00 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050625S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 07 08:57:11 2025  
Response via : Initial Calibration

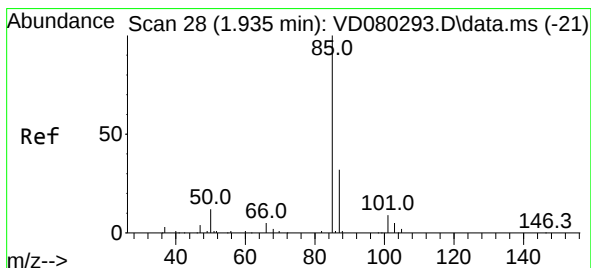
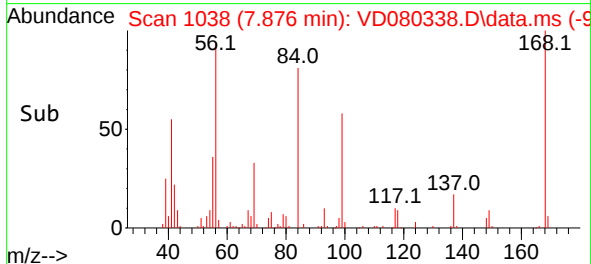
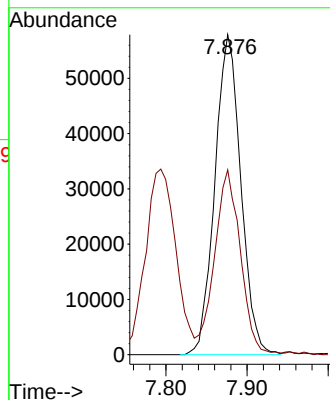
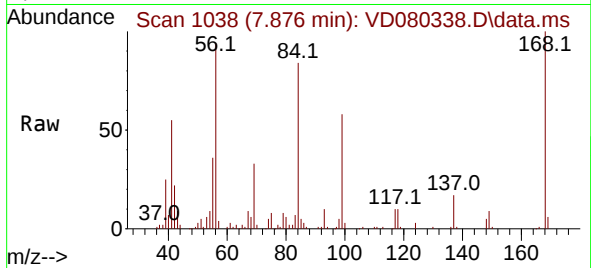




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.876 min Scan# 1038  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

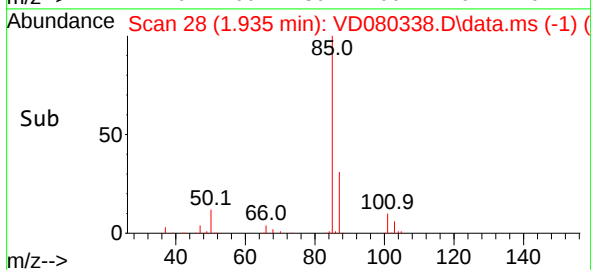
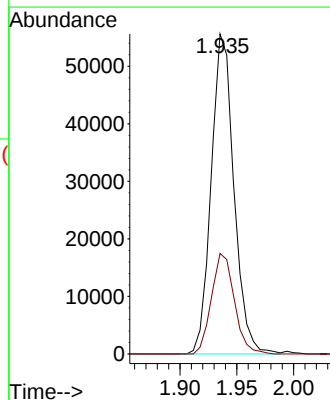
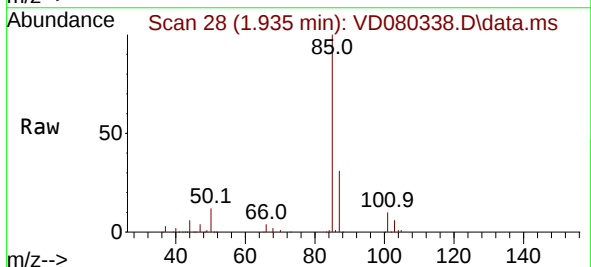
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

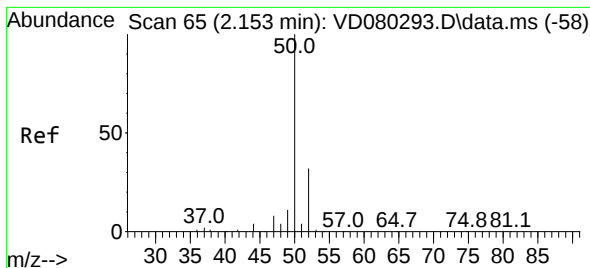
Tgt Ion:168 Resp: 128836  
Ion Ratio Lower Upper  
168 100  
99 57.2 46.0 69.0



#2  
Dichlorodifluoromethane  
Concen: 70.793 ug/l  
RT: 1.935 min Scan# 28  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 85 Resp: 77362  
Ion Ratio Lower Upper  
85 100  
87 31.4 16.1 48.2





#3

Chloromethane

Concen: 52.932 ug/l

RT: 2.153 min Scan# 61

Delta R.T. 0.007 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

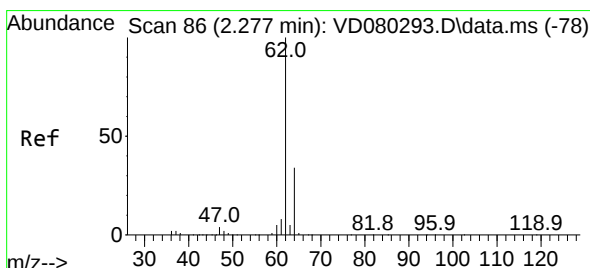
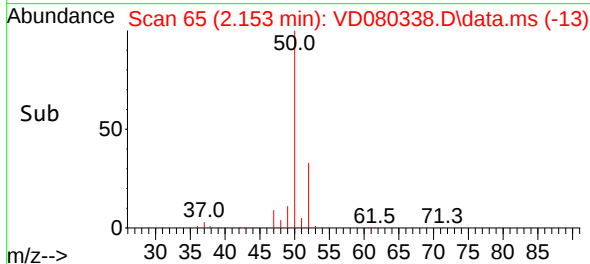
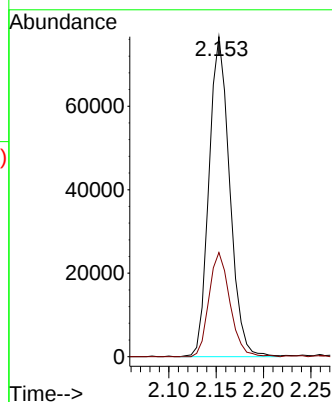
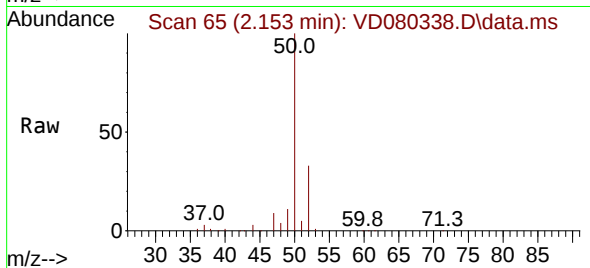
VSTDCCC050

Tgt Ion: 50 Resp: 116522

Ion Ratio Lower Upper

50 100

52 32.5 28.8 43.2



#4

Vinyl Chloride

Concen: 42.390 ug/l

RT: 2.288 min Scan# 88

Delta R.T. 0.007 min

Lab File: VD080338.D

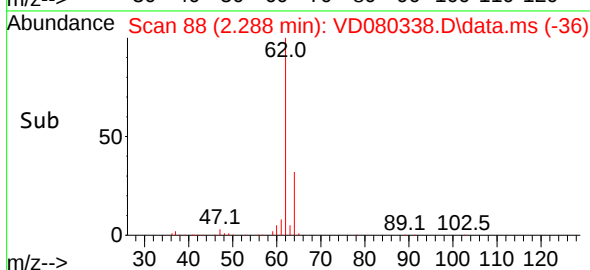
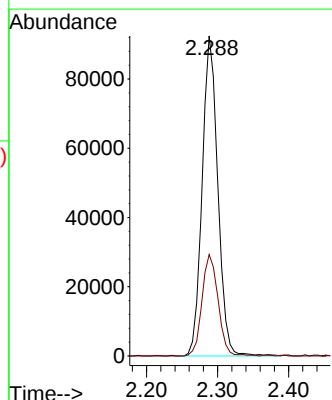
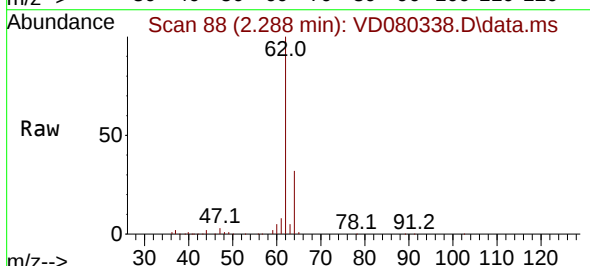
Acq: 15 May 2025 10:21

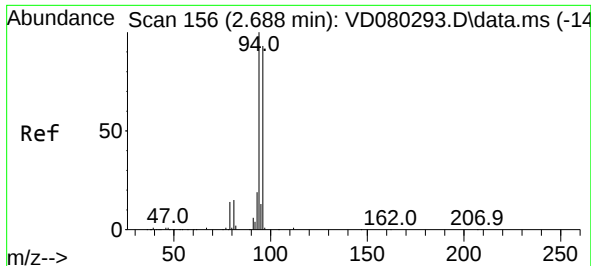
Tgt Ion: 62 Resp: 141980

Ion Ratio Lower Upper

62 100

64 31.7 26.5 39.7

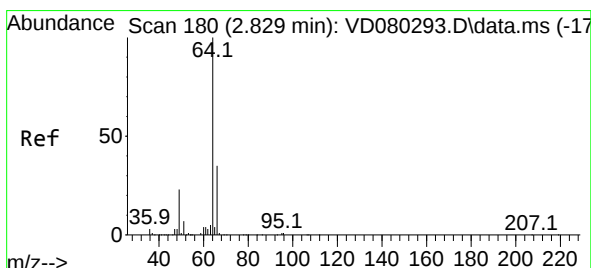
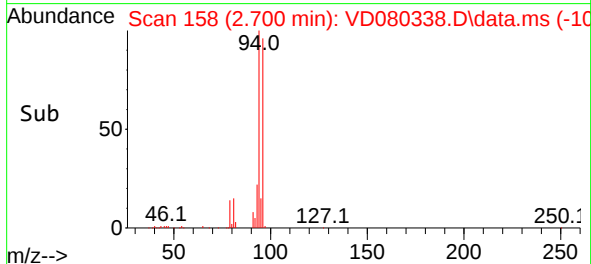
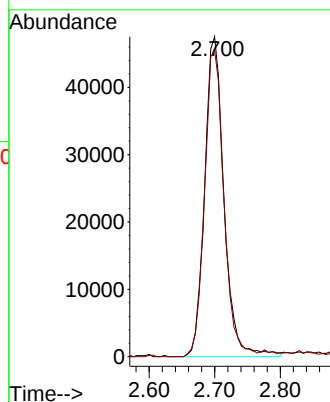
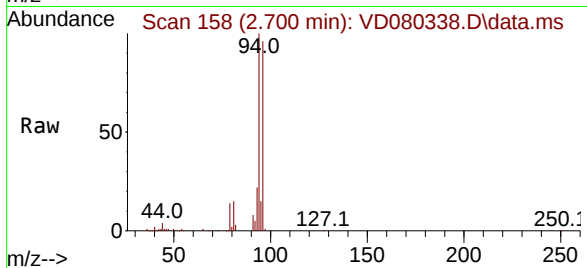




#5  
Bromomethane  
Concen: 40.426 ug/l  
RT: 2.700 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

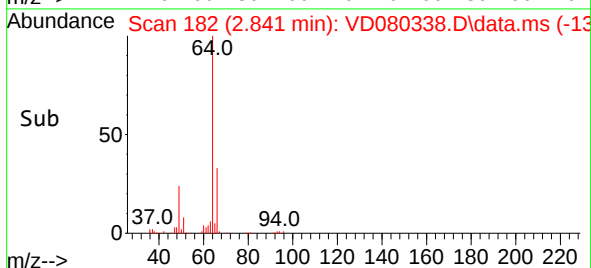
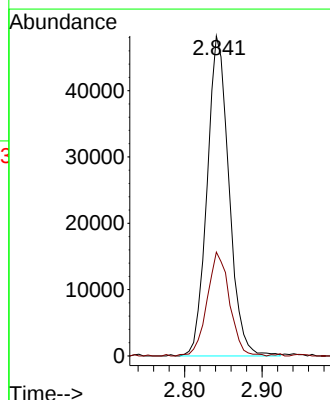
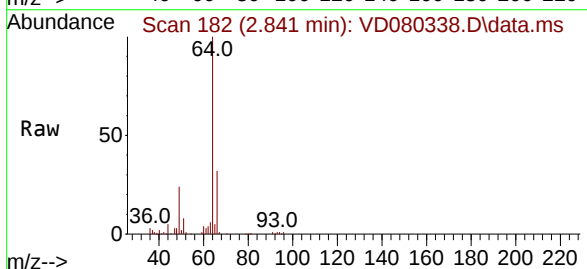
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

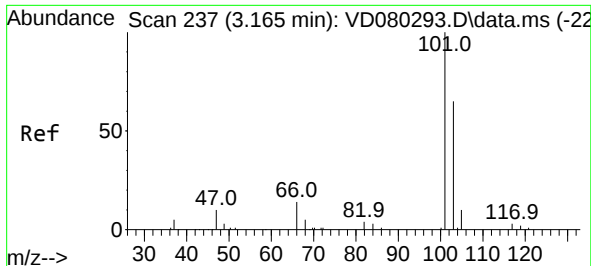
Tgt Ion: 94 Resp: 97463  
Ion Ratio Lower Upper  
94 100  
96 96.0 76.2 114.2



#6  
Chloroethane  
Concen: 40.066 ug/l  
RT: 2.841 min Scan# 182  
Delta R.T. 0.007 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 64 Resp: 94882  
Ion Ratio Lower Upper  
64 100  
66 32.0 27.6 41.4

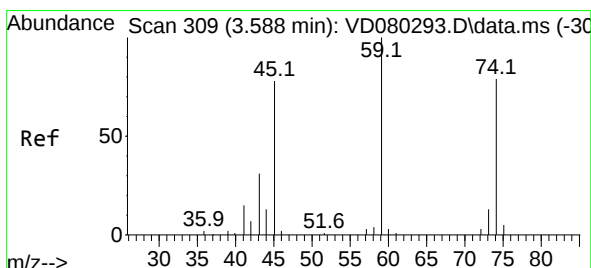
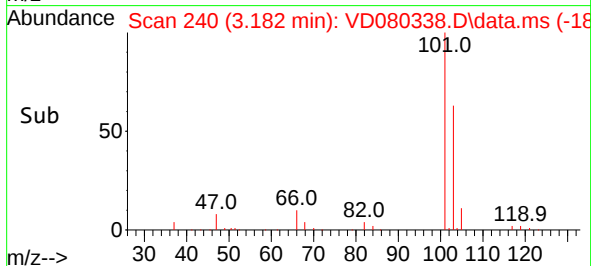
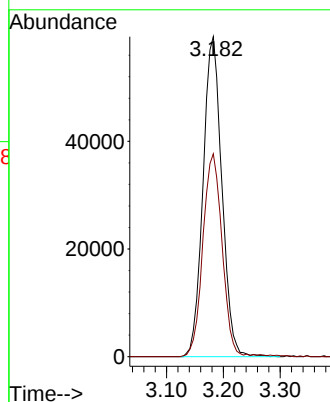
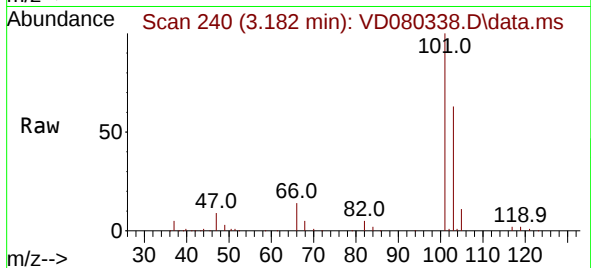




#7  
 Trichlorofluoromethane  
 Concen: 53.239 ug/l  
 RT: 3.182 min Scan# 24  
 Delta R.T. 0.012 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

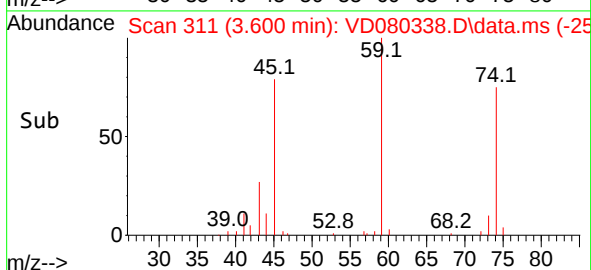
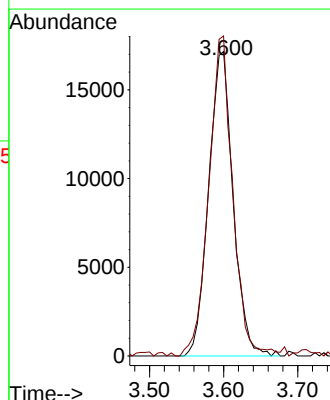
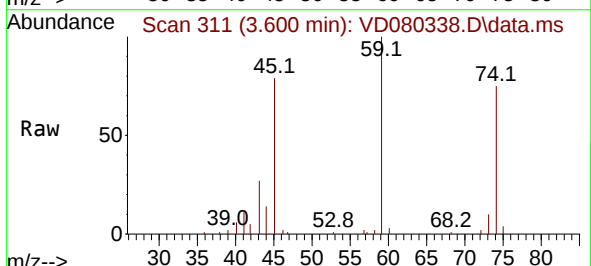
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

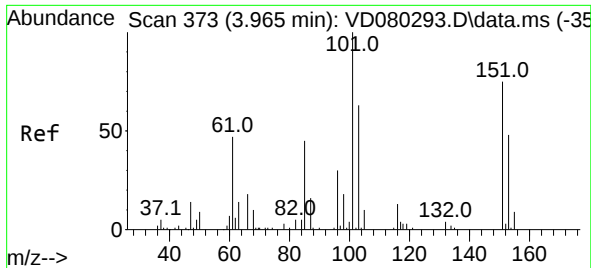
Tgt Ion:101 Resp: 136730  
 Ion Ratio Lower Upper  
 101 100  
 103 63.4 53.0 79.6



#8  
 Diethyl Ether  
 Concen: 49.636 ug/l  
 RT: 3.600 min Scan# 311  
 Delta R.T. 0.007 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

Tgt Ion: 74 Resp: 39350  
 Ion Ratio Lower Upper  
 74 100  
 45 102.8 47.8 143.3

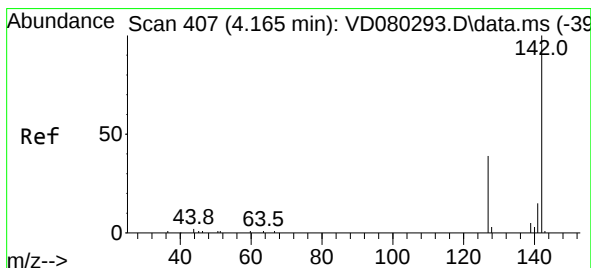
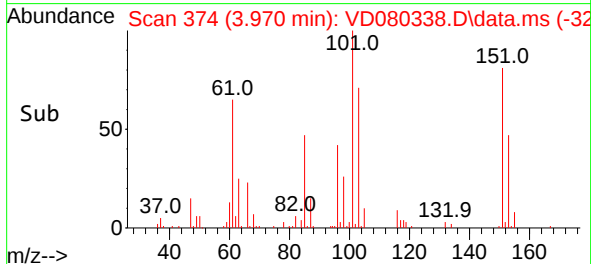
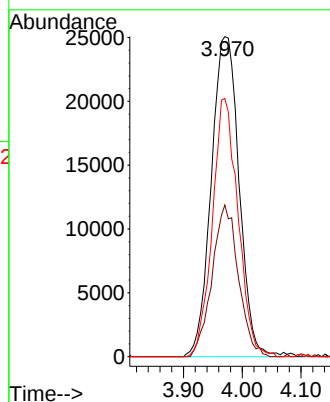
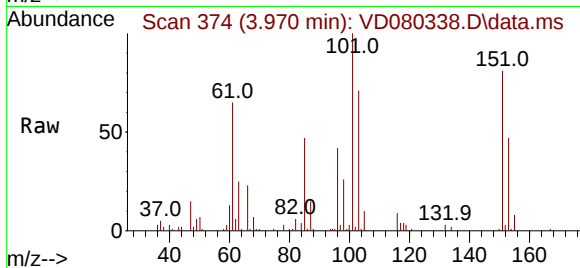




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 52.084 ug/l  
 RT: 3.970 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

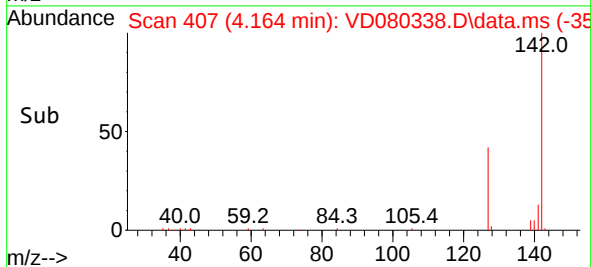
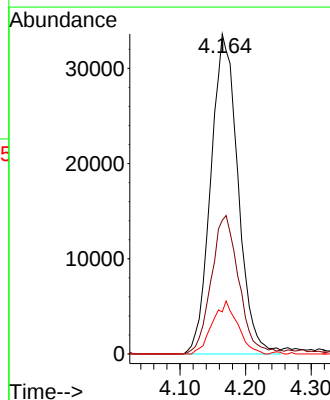
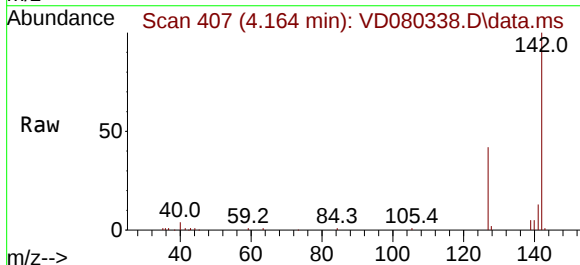
Instrument :  
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 ClientSampleId :  
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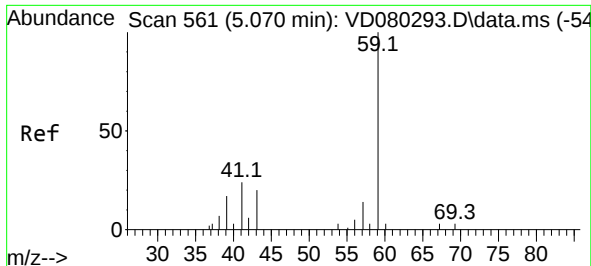
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 82415 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 44.8  | 35.3  | 52.9  |
| 151      | 74.4  | 60.3  | 90.5  |



#10  
 Methyl Iodide  
 Concen: 59.905 ug/l  
 RT: 4.164 min Scan# 407  
 Delta R.T. 0.000 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 96628 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 44.0  | 35.3  | 52.9  |
| 141      | 15.4  | 12.2  | 18.2  |

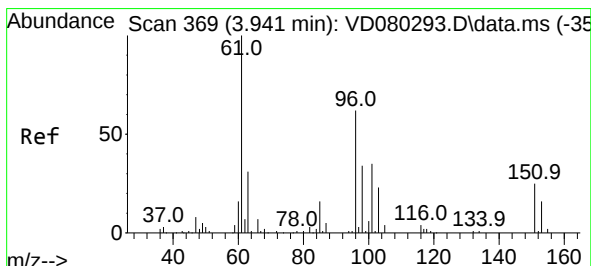
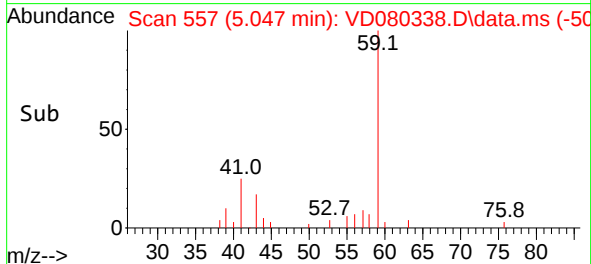
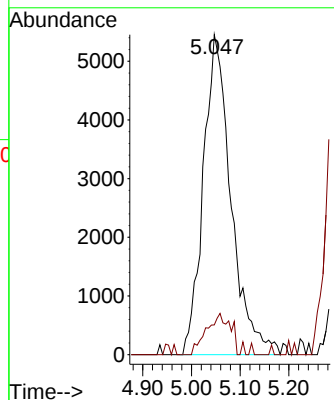
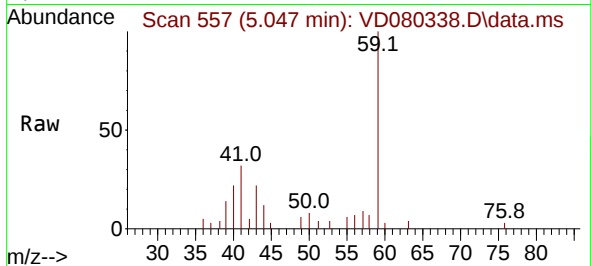




#11  
Tert butyl alcohol  
Concen: 213.494 ug/l  
RT: 5.047 min Scan# 51  
Delta R.T. -0.011 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

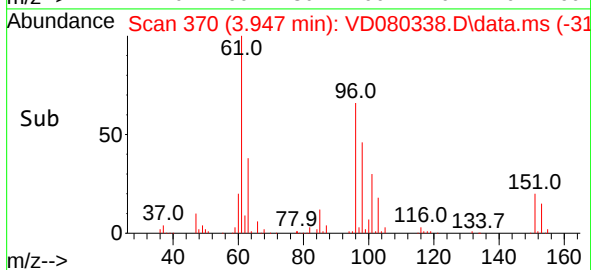
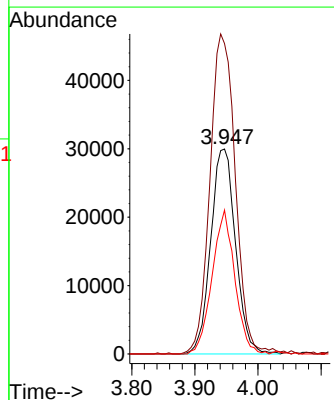
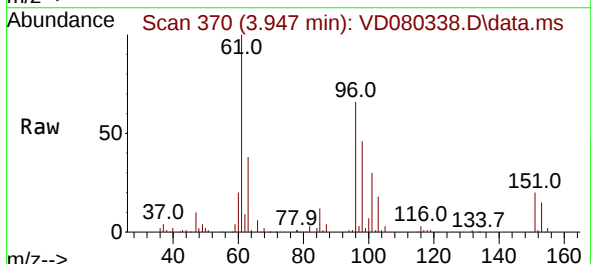
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

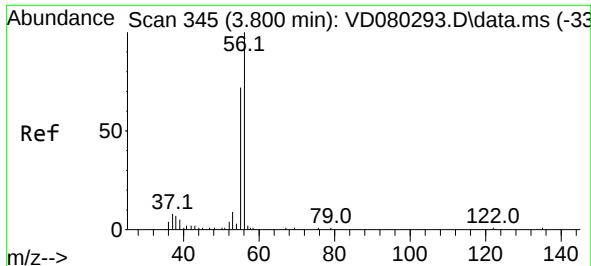
Tgt Ion: 59 Resp: 21584  
Ion Ratio Lower Upper  
59 100  
57 11.0 4.8 7.2#



#12  
1,1-Dichloroethene  
Concen: 52.564 ug/l  
RT: 3.947 min Scan# 370  
Delta R.T. 0.007 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 96 Resp: 82001  
Ion Ratio Lower Upper  
96 100  
61 151.4 122.6 184.0  
98 70.2 47.1 70.7

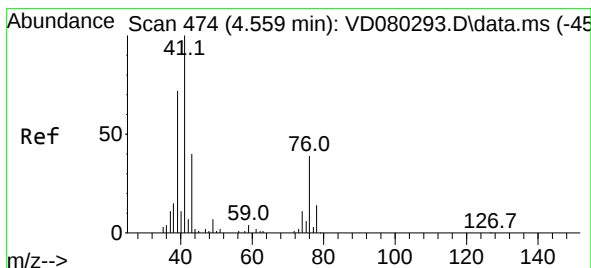
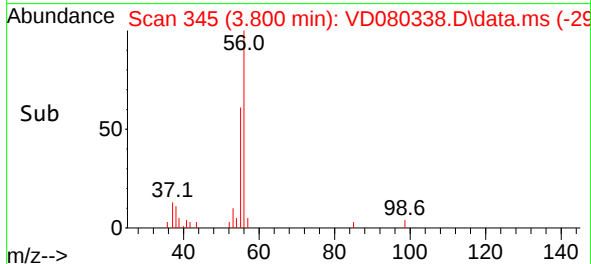
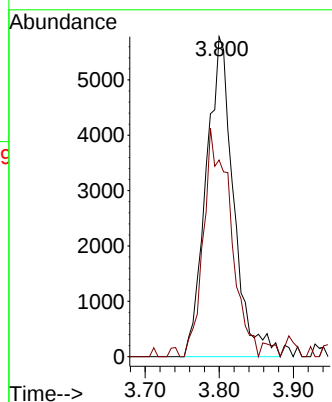
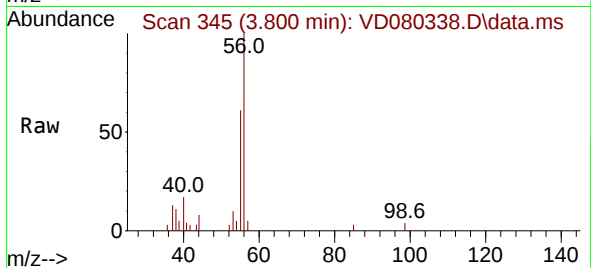




#13  
Acrolein  
Concen: 83.471 ug/l  
RT: 3.800 min Scan# 345  
Delta R.T. 0.007 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

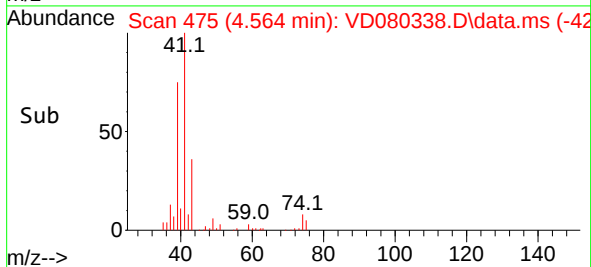
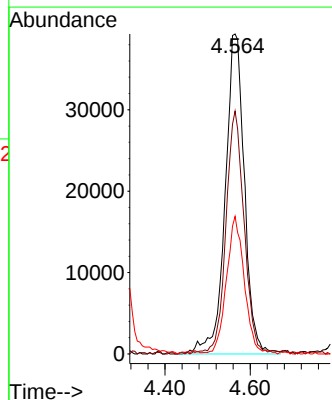
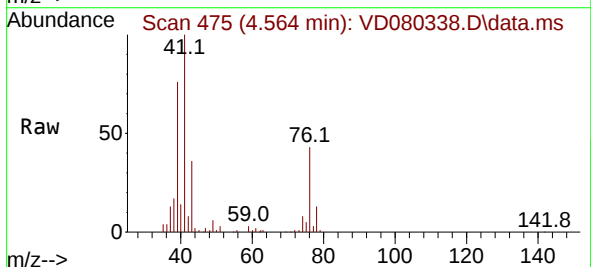
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

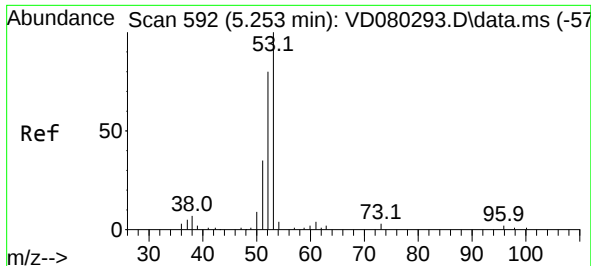
Tgt Ion: 56 Resp: 14848  
Ion Ratio Lower Upper  
56 100  
55 70.4 58.2 87.2



#14  
Allyl chloride  
Concen: 50.393 ug/l  
RT: 4.564 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 41 Resp: 123638  
Ion Ratio Lower Upper  
41 100  
39 71.6 53.3 79.9  
76 40.0 32.0 48.0

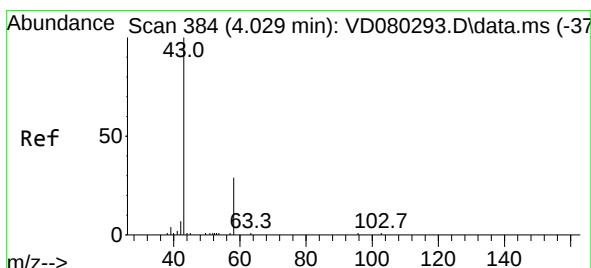
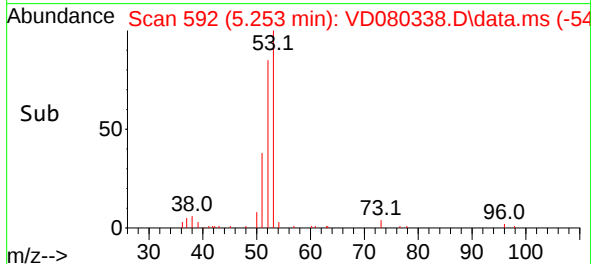
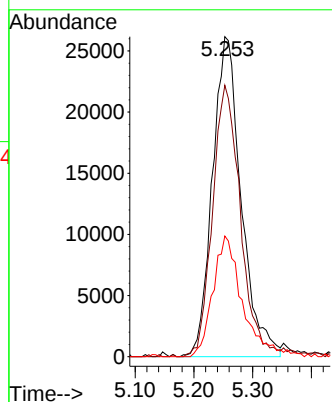
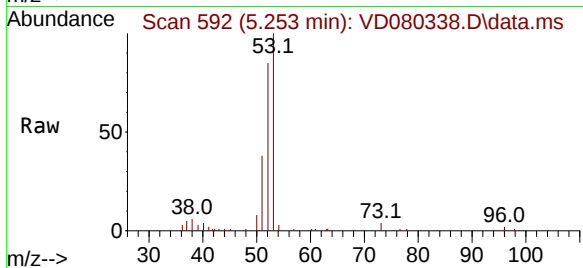




#15  
Acrylonitrile  
Concen: 232.670 ug/l  
RT: 5.253 min Scan# 592  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

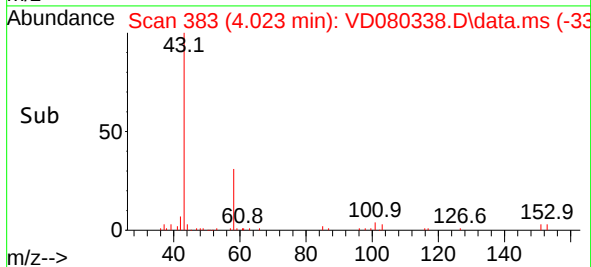
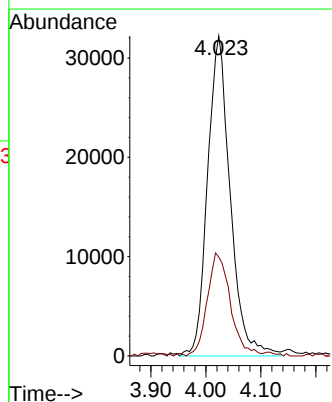
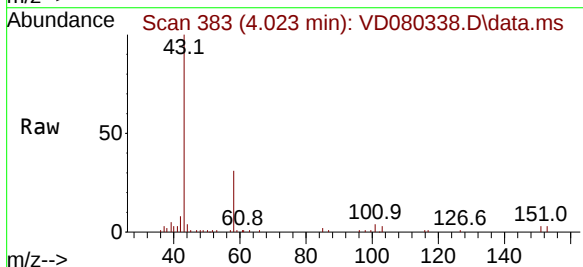
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050

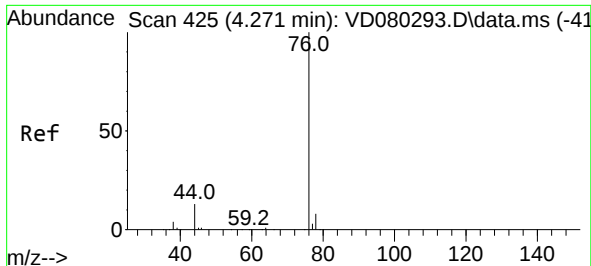
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 88678 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.2  | 66.2  | 99.4  |
| 51       | 38.8  | 30.3  | 45.5  |



#16  
Acetone  
Concen: 363.471 ug/l  
RT: 4.023 min Scan# 383  
Delta R.T. 0.000 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 92231 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.3  | 25.4  | 38.2  |

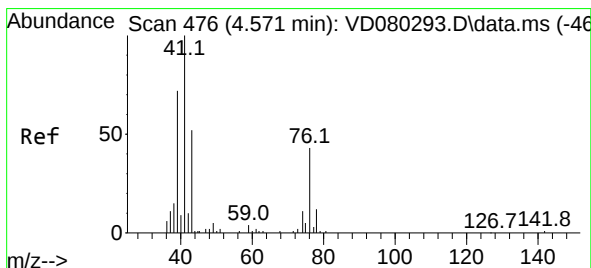
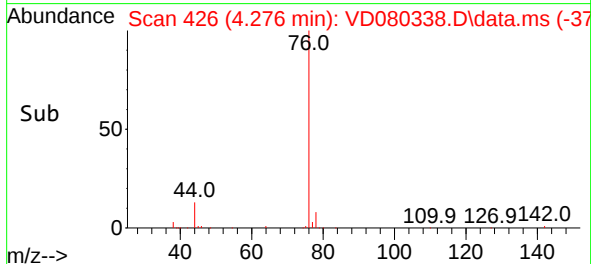
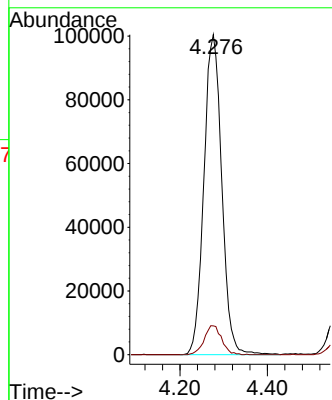
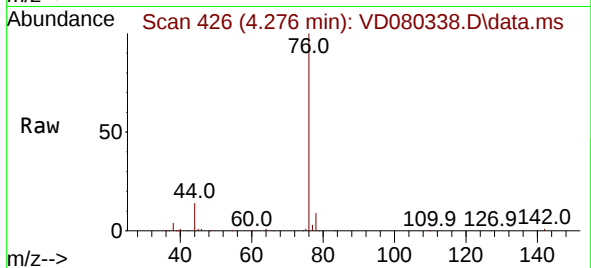




#17  
Carbon Disulfide  
Concen: 52.737 ug/l  
RT: 4.276 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

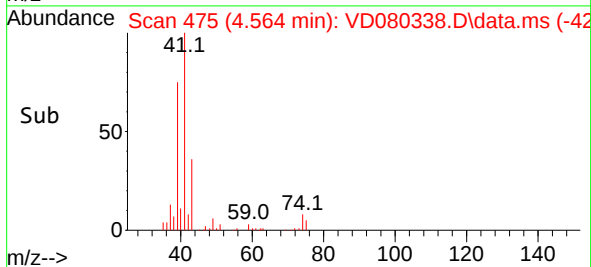
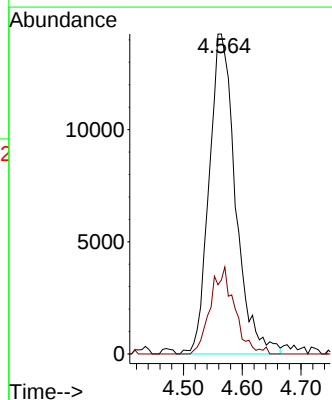
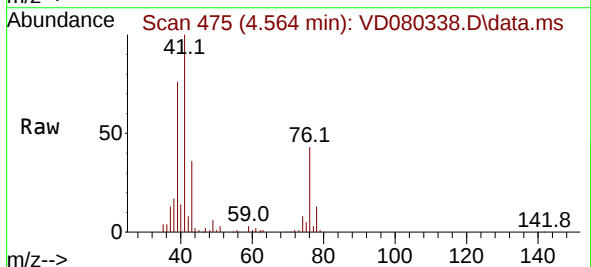
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050

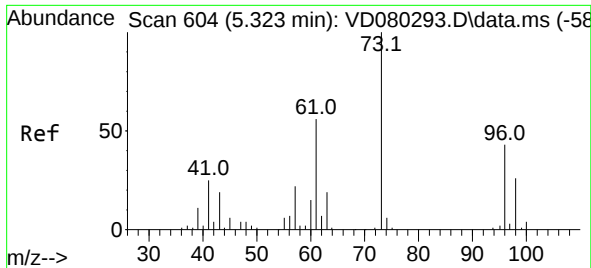
Tgt Ion: 76 Resp: 285685  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.5 11.3



#18  
Methyl Acetate  
Concen: 41.261 ug/l  
RT: 4.564 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 43 Resp: 44482  
Ion Ratio Lower Upper  
43 100  
74 25.0 20.5 30.7

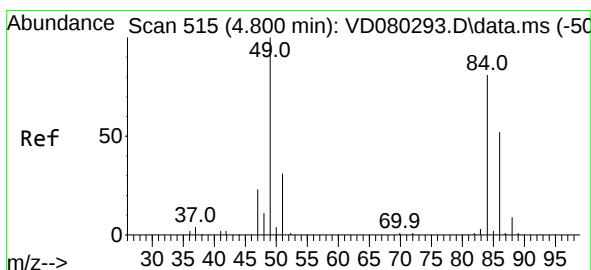
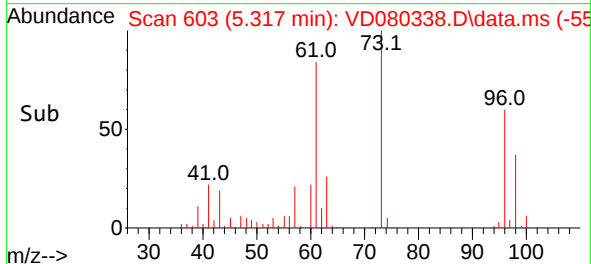
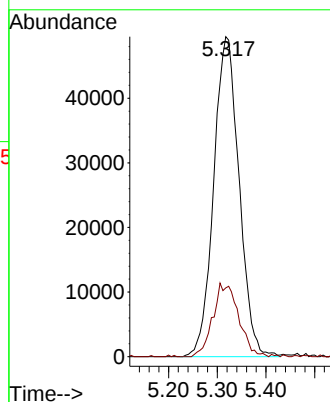
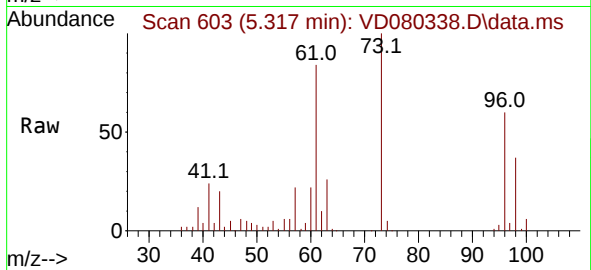




#19  
Methyl tert-butyl Ether  
Concen: 52.313 ug/l  
RT: 5.317 min Scan# 604  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

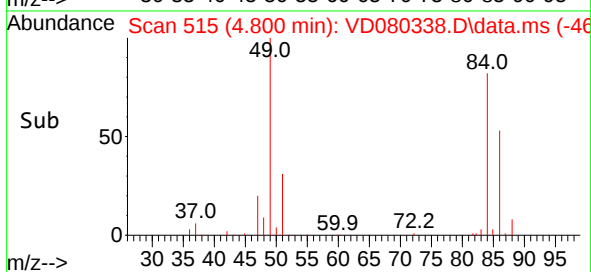
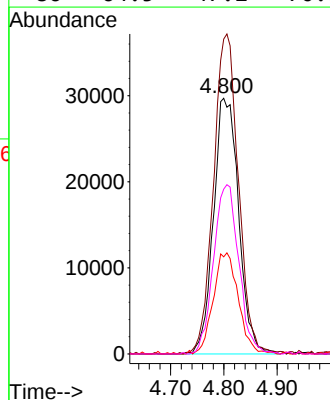
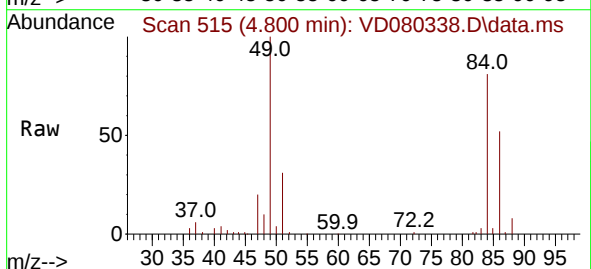
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

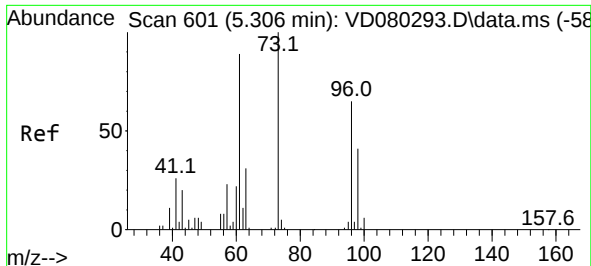
Tgt Ion: 73 Resp: 179284  
Ion Ratio Lower Upper  
73 100  
57 21.5 18.8 28.2



#20  
Methylene Chloride  
Concen: 55.289 ug/l  
RT: 4.800 min Scan# 515  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 84 Resp: 97656  
Ion Ratio Lower Upper  
84 100  
49 122.6 86.5 129.7  
51 38.0 26.9 40.3  
86 64.5 47.2 70.8

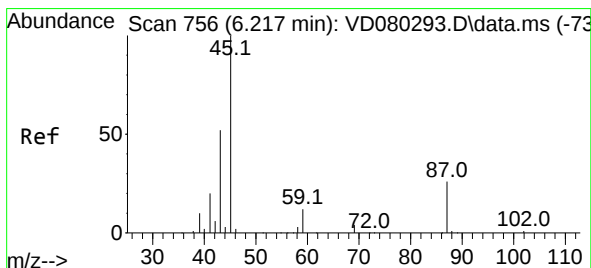
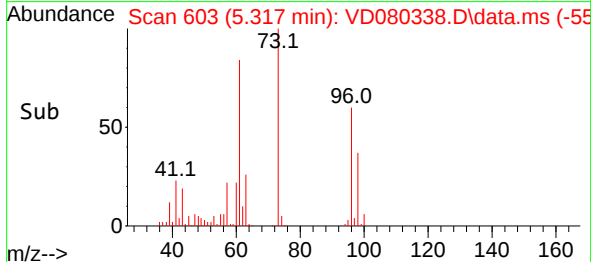
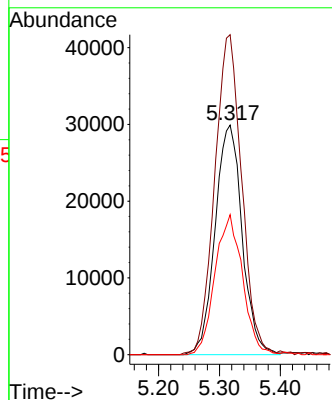
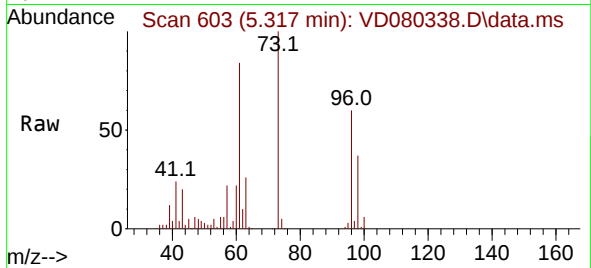




#21  
trans-1,2-Dichloroethene  
Concen: 54.425 ug/l  
RT: 5.317 min Scan# 603  
Delta R.T. 0.006 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

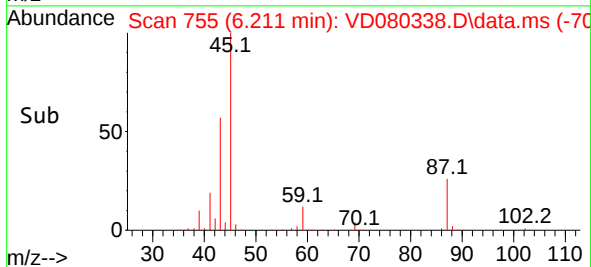
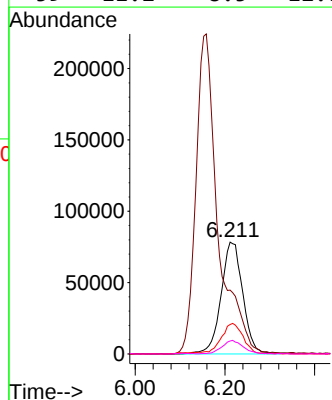
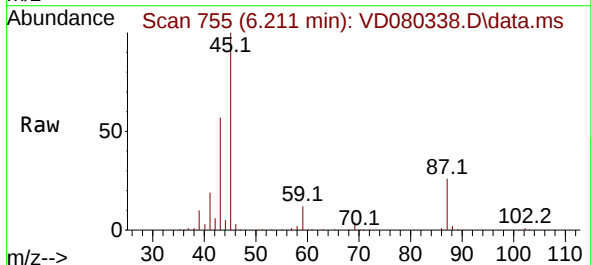
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050

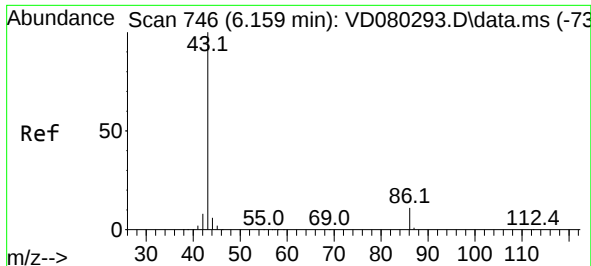
Tgt Ion: 96 Resp: 92237  
Ion Ratio Lower Upper  
96 100  
61 139.4 109.4 164.0  
98 61.0 49.8 74.8



#22  
Diisopropyl ether  
Concen: 52.195 ug/l  
RT: 6.211 min Scan# 755  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 45 Resp: 263793  
Ion Ratio Lower Upper  
45 100  
43 56.1 42.6 63.8  
87 26.1 22.7 34.1  
59 11.2 8.5 12.7

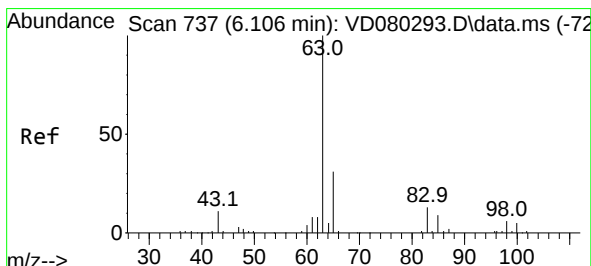
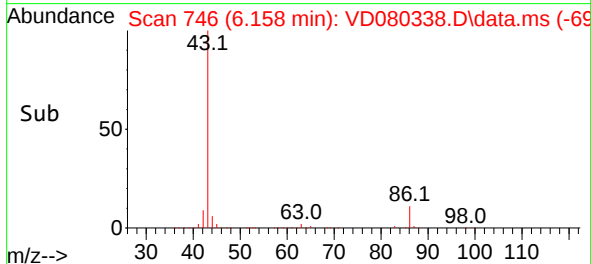
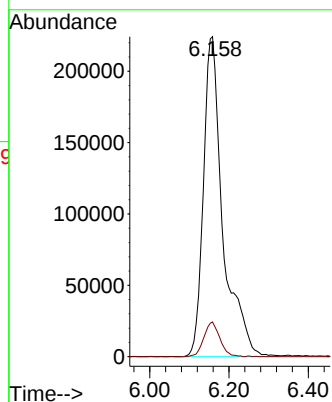
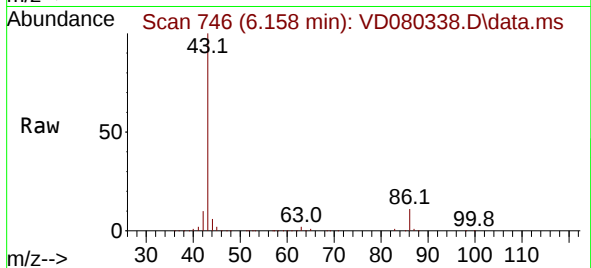




#23  
 Vinyl Acetate  
 Concen: 260.031 ug/l  
 RT: 6.158 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

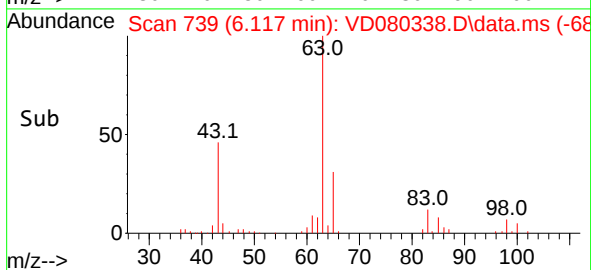
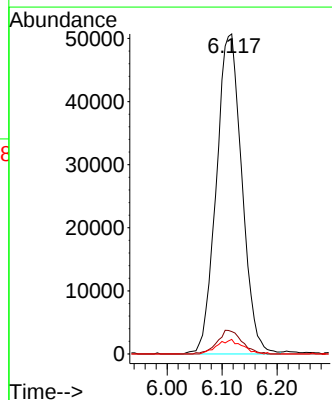
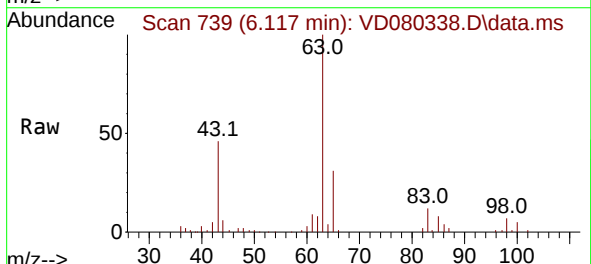
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

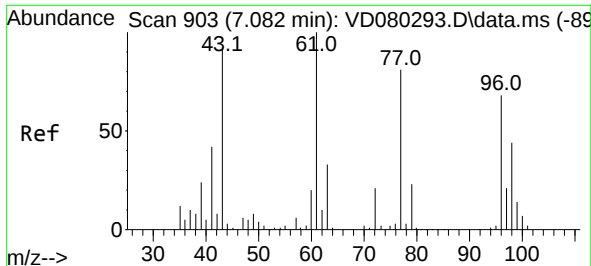
Tgt Ion: 43 Resp: 765416  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 9.4 14.0



#24  
 1,1-Dichloroethane  
 Concen: 51.479 ug/l  
 RT: 6.117 min Scan# 739  
 Delta R.T. 0.000 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

Tgt Ion: 63 Resp: 163719  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.5 10.6  
 100 4.5 2.1 6.5

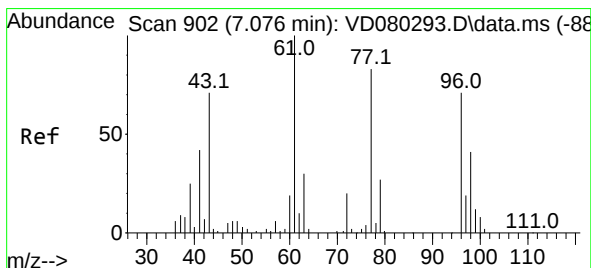
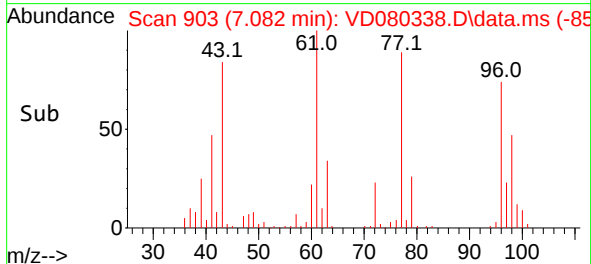
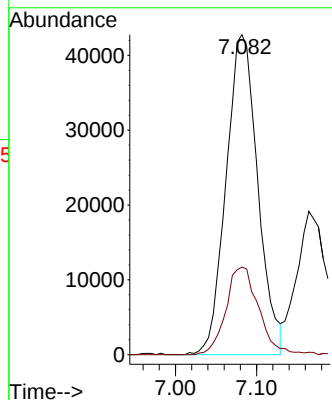
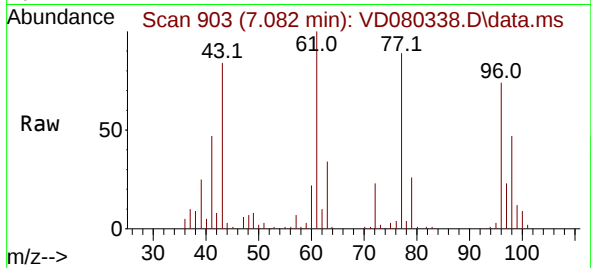




#25  
2-Butanone  
Concen: 253.635 ug/l  
RT: 7.082 min Scan# 903  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

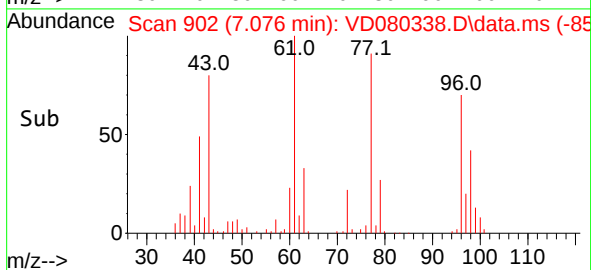
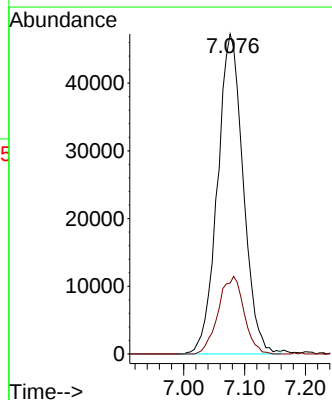
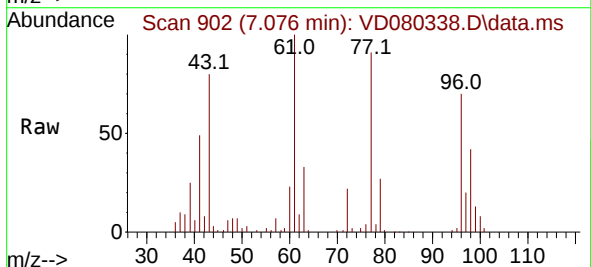
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

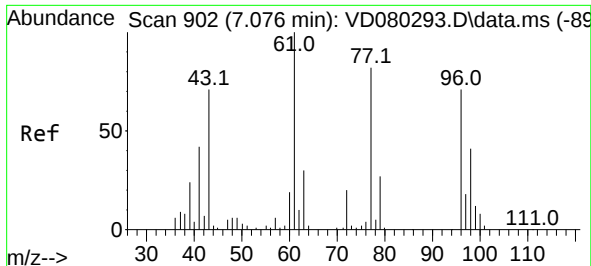
Tgt Ion: 43 Resp: 116269  
Ion Ratio Lower Upper  
43 100  
72 27.4 22.3 33.5



#26  
2,2-Dichloropropane  
Concen: 54.791 ug/l  
RT: 7.076 min Scan# 902  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 77 Resp: 138657  
Ion Ratio Lower Upper  
77 100  
97 24.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 54.150 ug/l

RT: 7.082 min Scan# 902

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

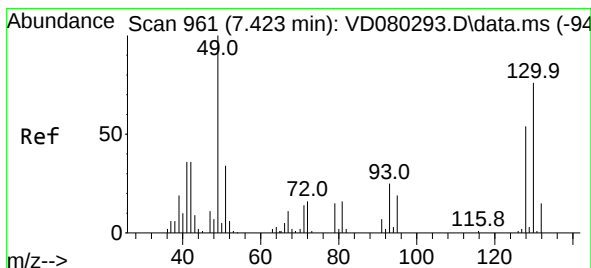
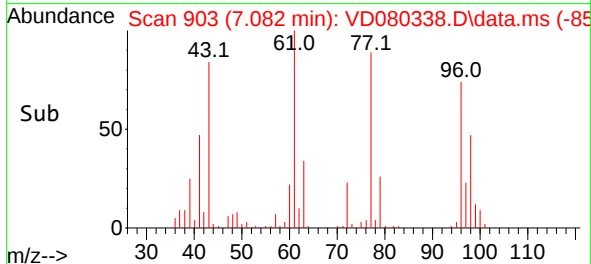
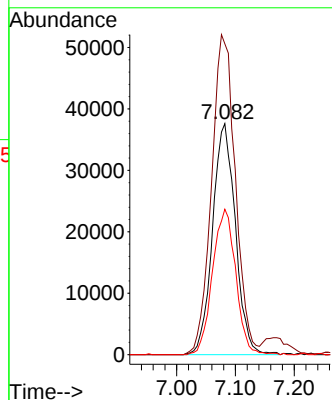
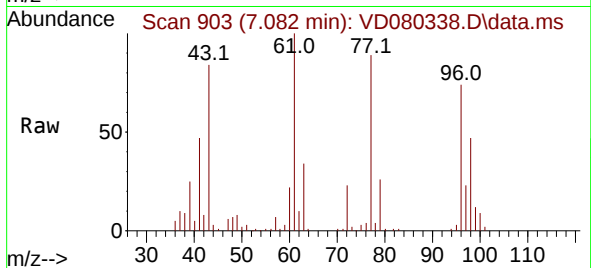
Tgt Ion: 96 Resp: 101674

Ion Ratio Lower Upper

96 100

61 144.7 0.0 278.2

98 64.1 0.0 127.8



#28

Bromochloromethane

Concen: 42.423 ug/l

RT: 7.429 min Scan# 962

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

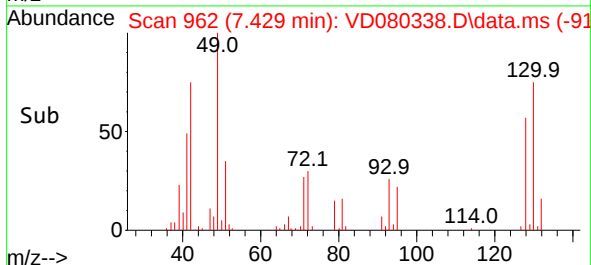
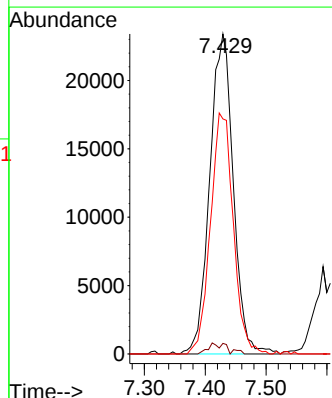
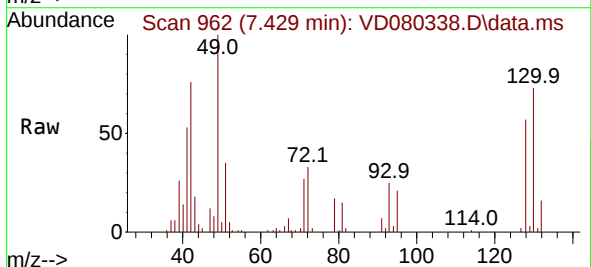
Tgt Ion: 49 Resp: 62818

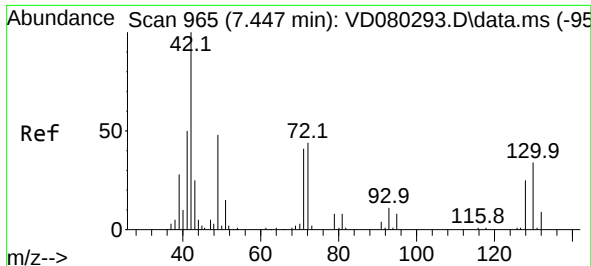
Ion Ratio Lower Upper

49 100

129 1.5 0.0 2.2

130 73.0 64.6 97.0





#29

Tetrahydrofuran

Concen: 238.020 ug/l

RT: 7.441 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

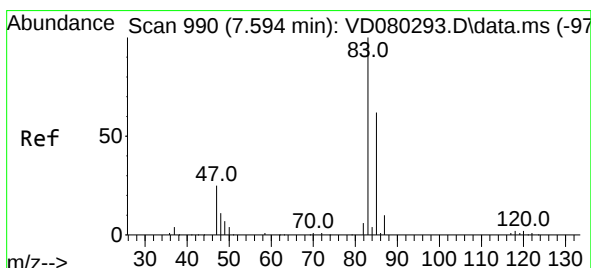
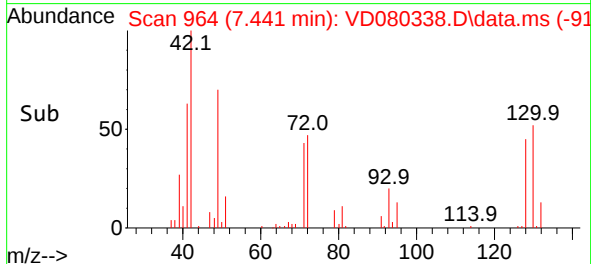
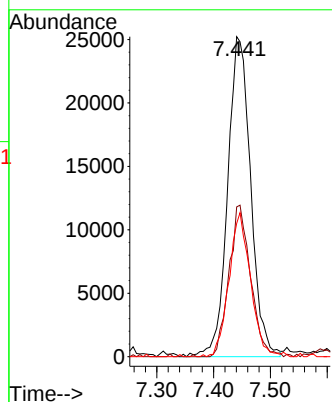
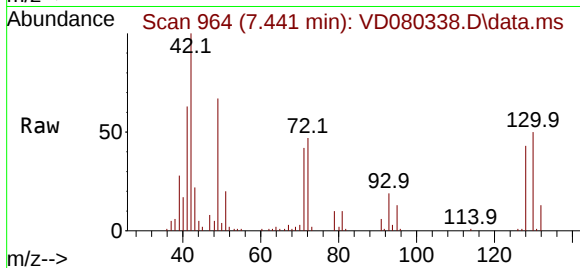
Tgt Ion: 42 Resp: 71142

Ion Ratio Lower Upper

42 100

72 44.3 36.7 55.1

71 42.1 34.4 51.6



#30

Chloroform

Concen: 50.582 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.005 min

Lab File: VD080338.D

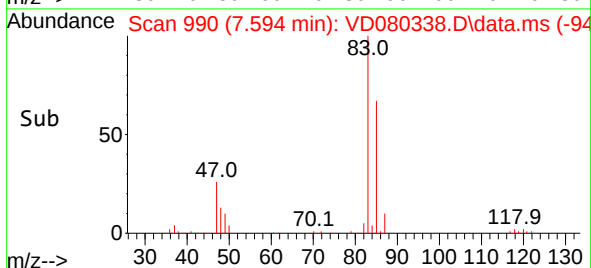
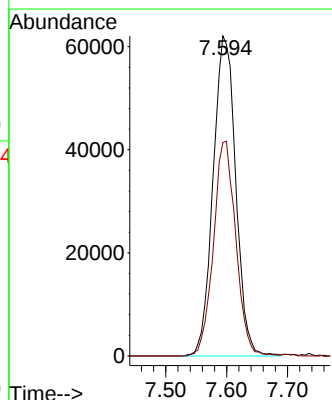
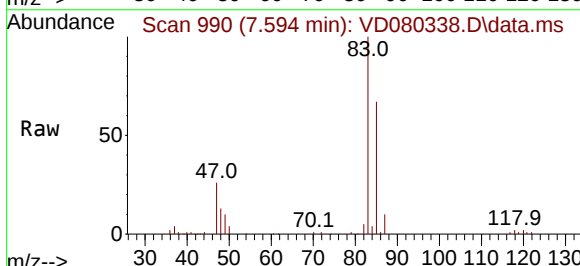
Acq: 15 May 2025 10:21

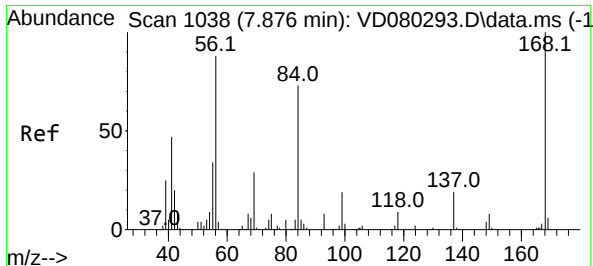
Tgt Ion: 83 Resp: 160420

Ion Ratio Lower Upper

83 100

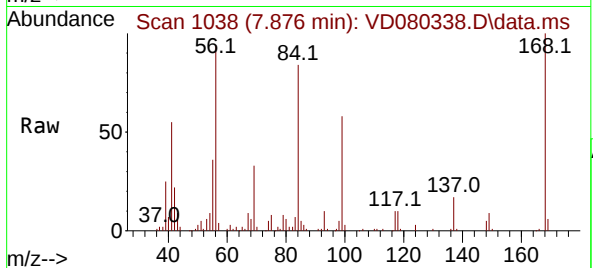
85 66.7 50.8 76.2



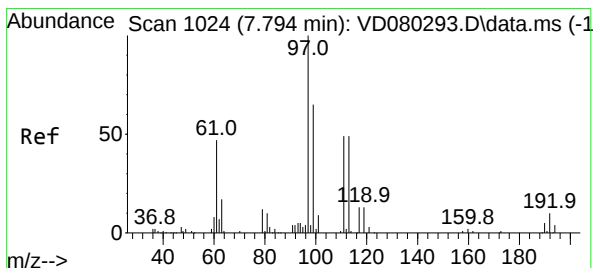
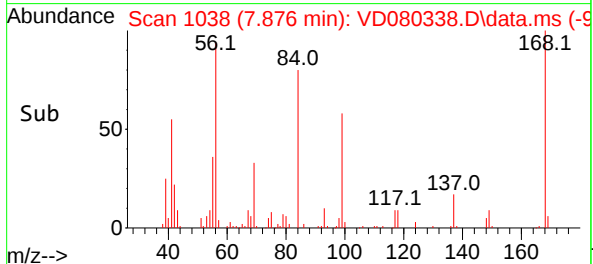
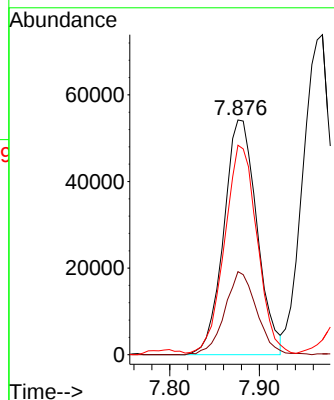


#31  
Cyclohexane  
Concen: 51.490 ug/l  
RT: 7.876 min Scan# 1038  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

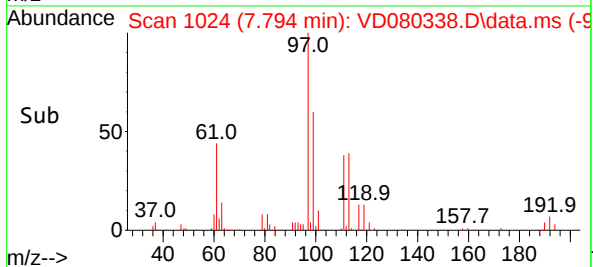
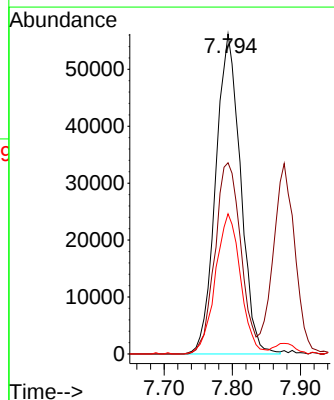
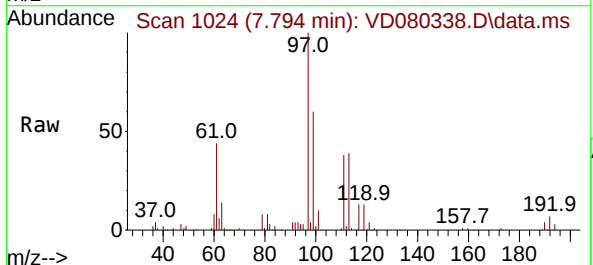


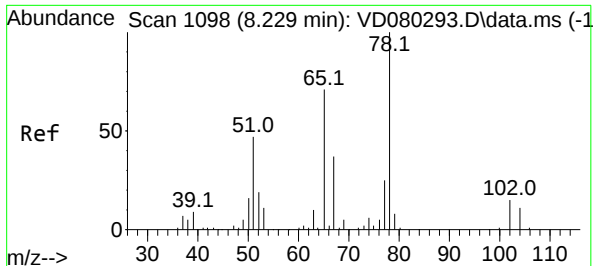
Tgt Ion: 56 Resp: 139369  
Ion Ratio Lower Upper  
56 100  
69 35.4 27.3 40.9  
84 87.7 70.2 105.4



#32  
1,1,1-Trichloroethane  
Concen: 55.056 ug/l  
RT: 7.794 min Scan# 1024  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 97 Resp: 142456  
Ion Ratio Lower Upper  
97 100  
99 62.0 50.7 76.1  
61 44.6 34.2 51.2

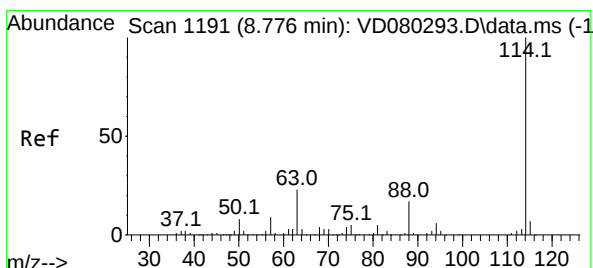
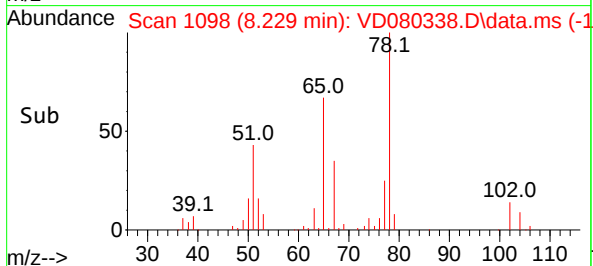
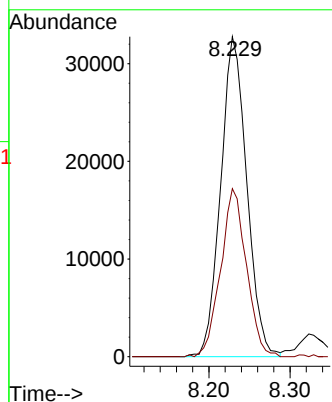
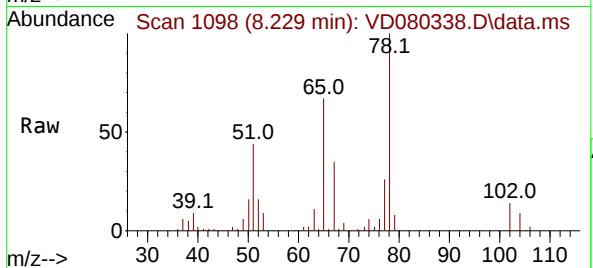




#33  
1,2-Dichloroethane-d4  
Concen: 43.954 ug/l  
RT: 8.229 min Scan# 1098  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

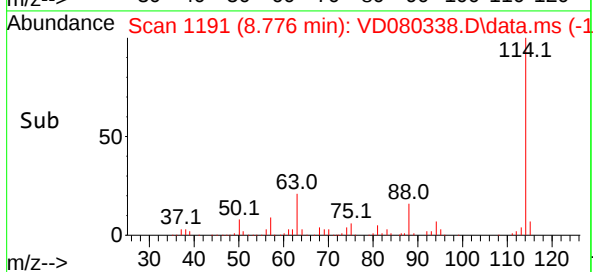
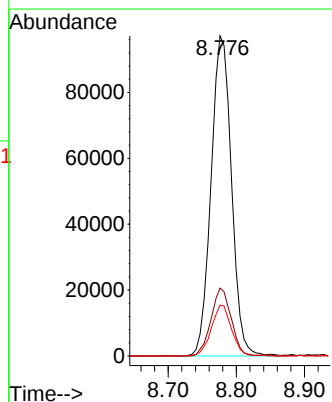
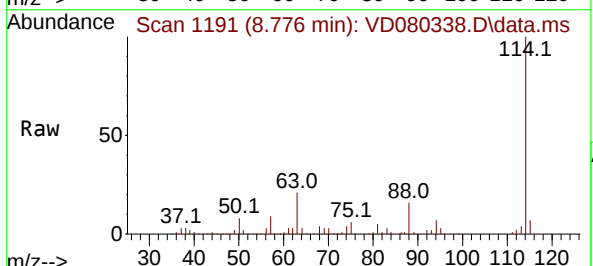
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

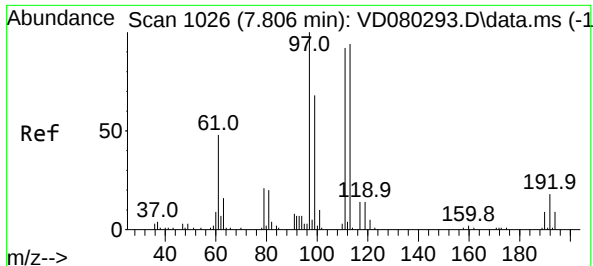
Tgt Ion: 65 Resp: 73230  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 109.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.776 min Scan# 1191  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 114 Resp: 202771  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 38.8  
88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.107 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

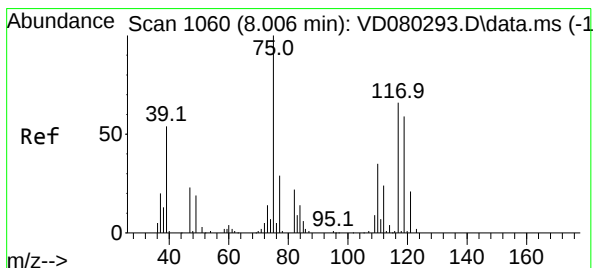
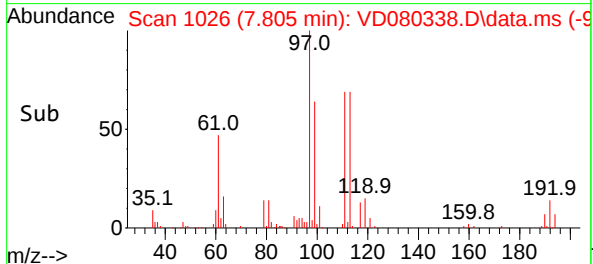
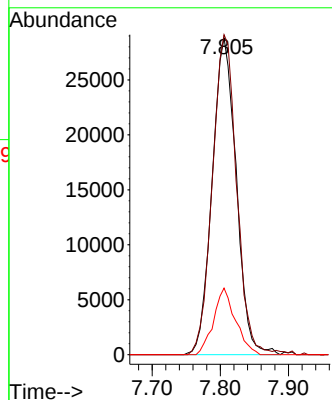
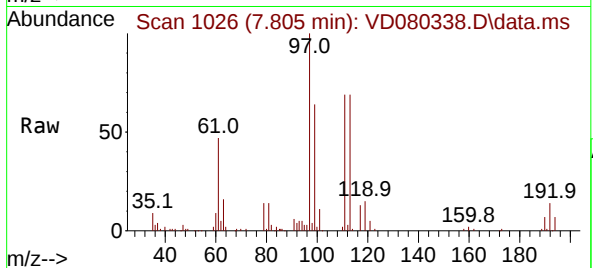
Tgt Ion:113 Resp: 70816

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

192 19.1 16.6 25.0



#36

1,1-Dichloropropene

Concen: 58.536 ug/l

RT: 8.011 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

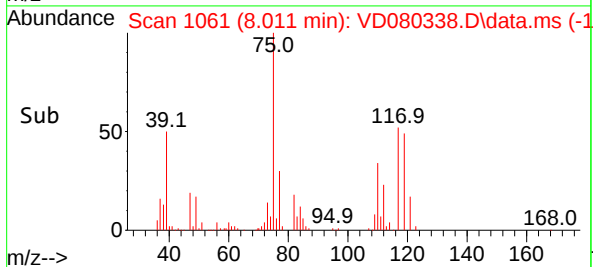
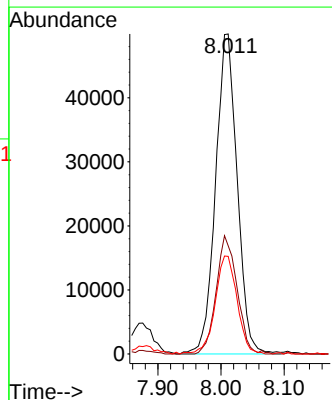
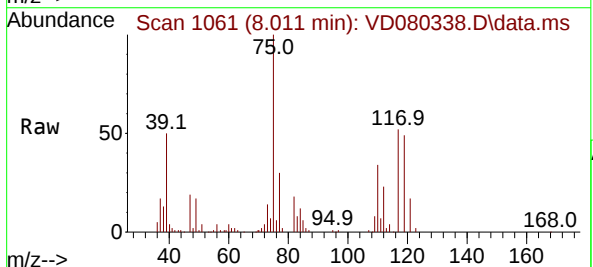
Tgt Ion: 75 Resp: 118894

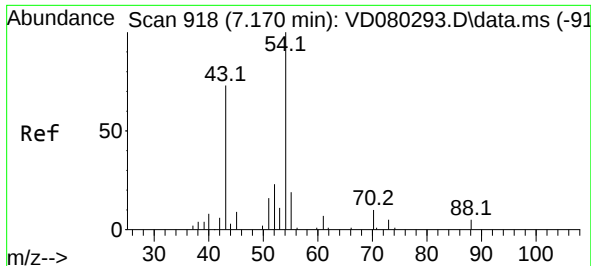
Ion Ratio Lower Upper

75 100

110 35.7 18.4 55.0

77 31.0 25.6 38.4



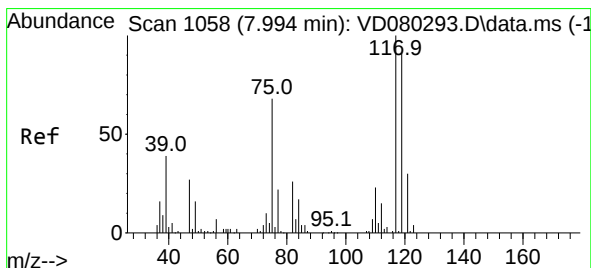
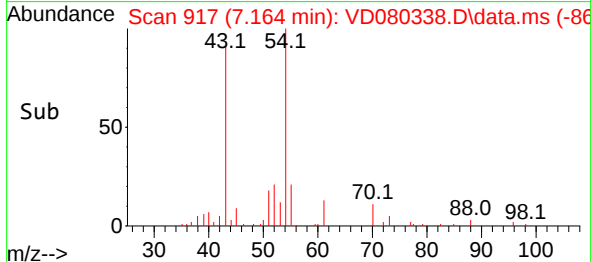
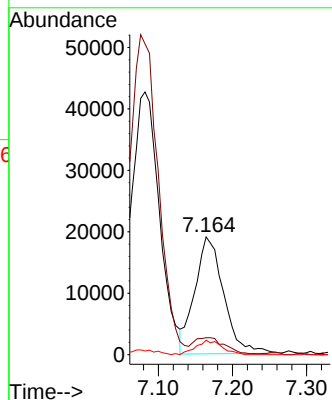
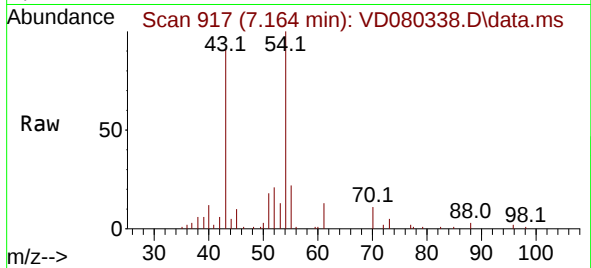


#37  
Ethyl Acetate  
Concen: 48.343 ug/l  
RT: 7.164 min Scan# 917  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 51345

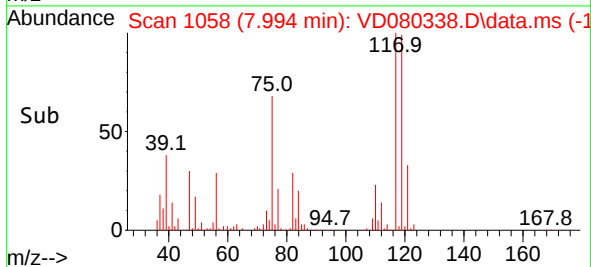
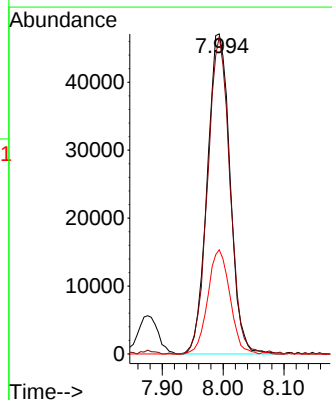
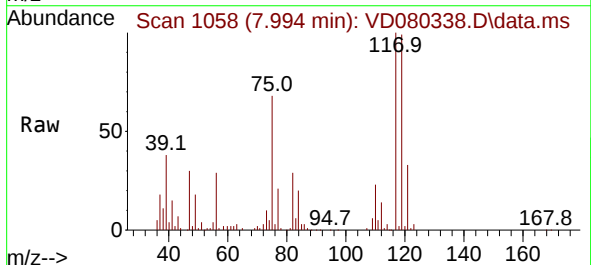
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.4  | 11.0  | 16.4  |
| 70  | 11.1  | 9.4   | 14.2  |

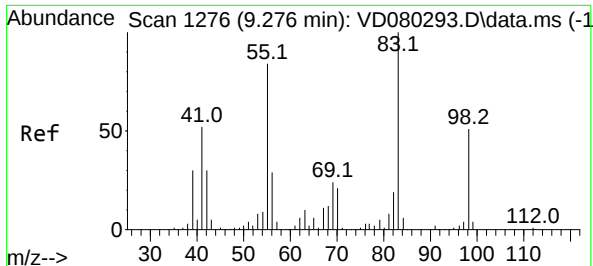


#38  
Carbon Tetrachloride  
Concen: 57.739 ug/l  
RT: 7.994 min Scan# 1058  
Delta R.T. 0.007 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 117 Resp: 122305

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 99.1  | 73.4  | 110.0 |
| 121 | 32.6  | 24.5  | 36.7  |





#39

Methylcyclohexane

Concen: 61.095 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

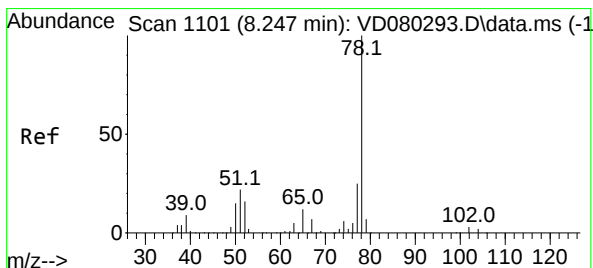
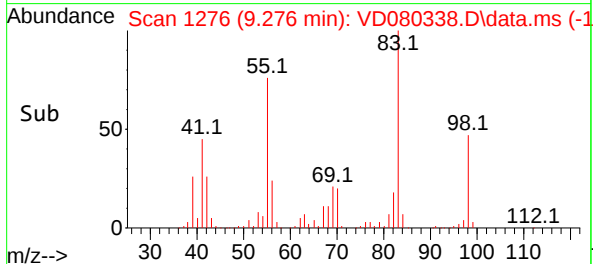
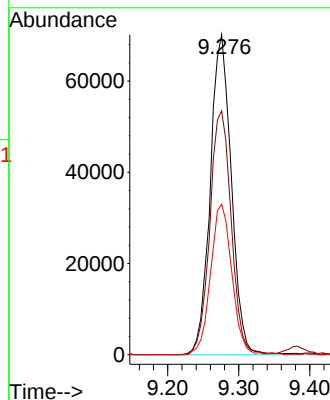
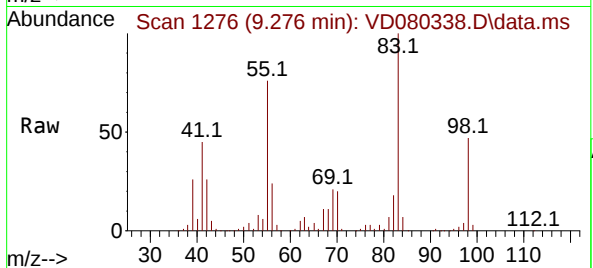
Tgt Ion: 83 Resp: 143995

Ion Ratio Lower Upper

83 100

55 76.2 62.0 93.0

98 47.0 38.7 58.1



#40

Benzene

Concen: 56.433 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080338.D

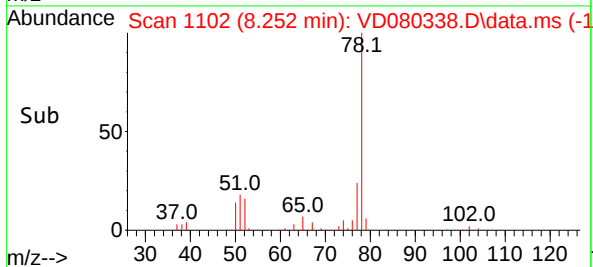
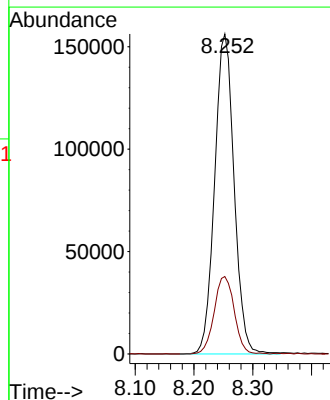
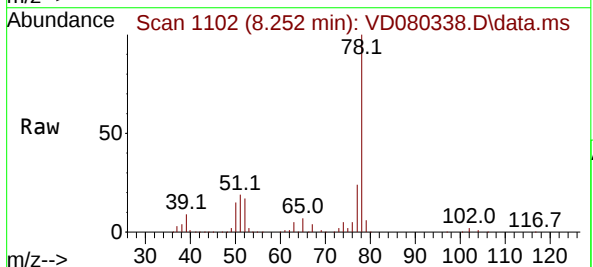
Acq: 15 May 2025 10:21

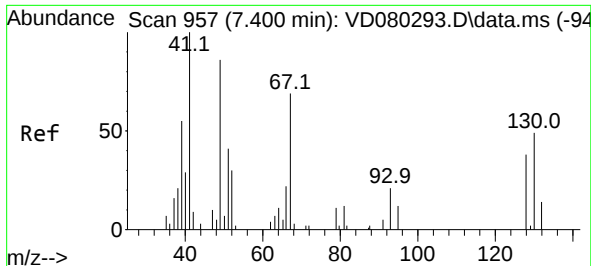
Tgt Ion: 78 Resp: 359149

Ion Ratio Lower Upper

78 100

77 24.2 20.2 30.4



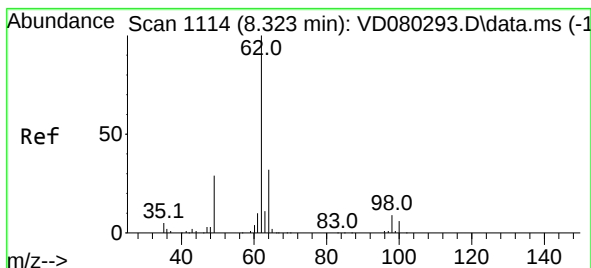
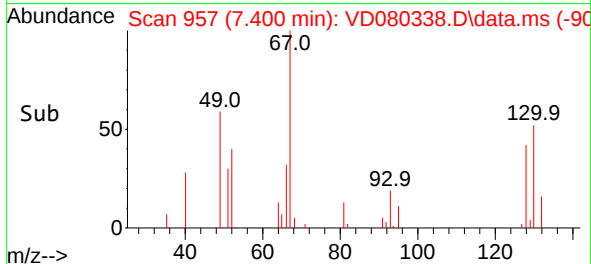
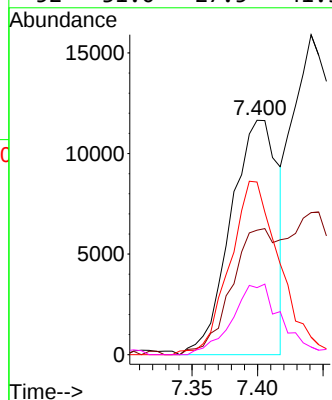
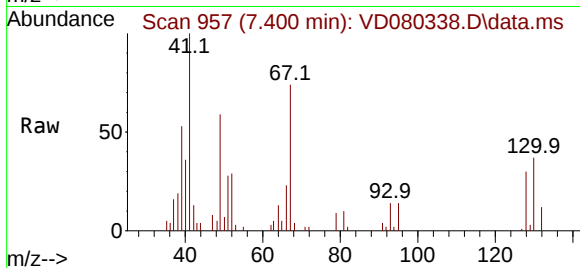


#41  
Methacrylonitrile  
Concen: 49.624 ug/l  
RT: 7.400 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 29167

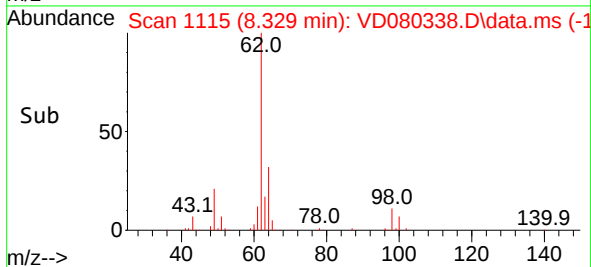
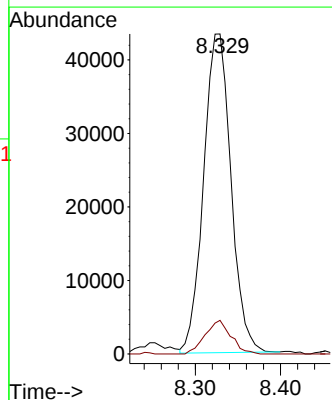
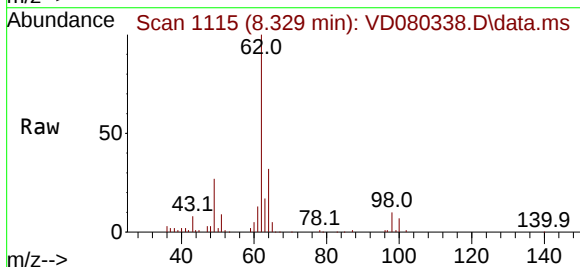
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.1  | 47.8  | 71.8  |
| 67  | 78.1  | 64.9  | 97.3  |
| 52  | 31.0  | 27.5  | 41.3  |

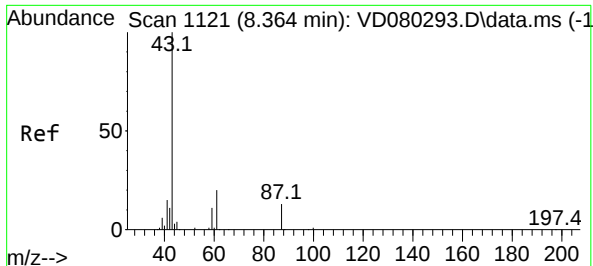


#42  
1,2-Dichloroethane  
Concen: 52.487 ug/l  
RT: 8.329 min Scan# 1115  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 62 Resp: 96794

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.0  | 0.0   | 19.8  |





#43

Isopropyl Acetate

Concen: 50.692 ug/l

RT: 8.358 min Scan# 1121

Delta R.T. 0.000 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

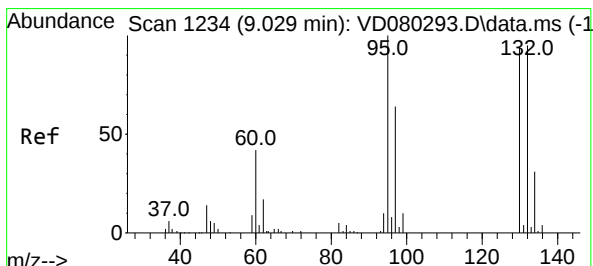
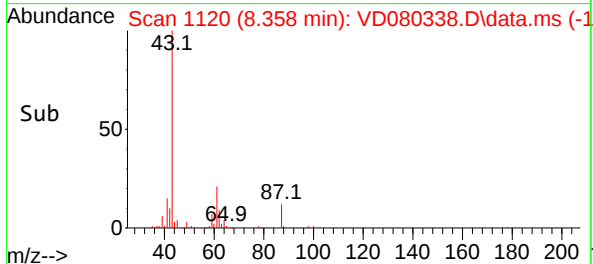
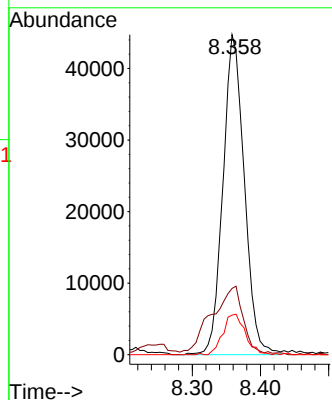
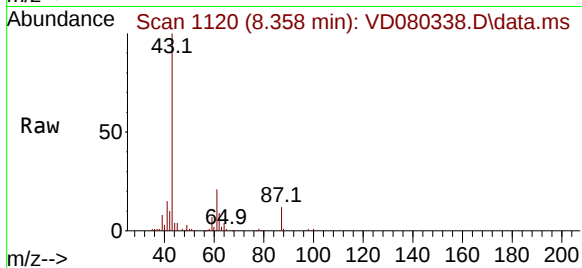
Tgt Ion: 43 Resp: 97631

Ion Ratio Lower Upper

43 100

61 32.1 26.2 39.2

87 13.2 11.8 17.8



#44

Trichloroethene

Concen: 57.931 ug/l

RT: 9.029 min Scan# 1234

Delta R.T. 0.001 min

Lab File: VD080338.D

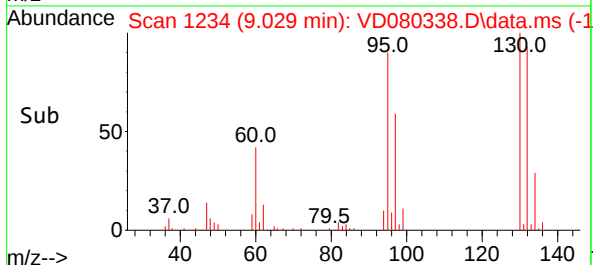
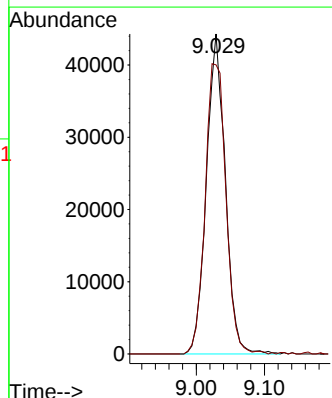
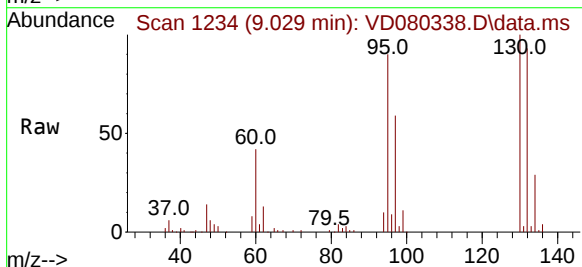
Acq: 15 May 2025 10:21

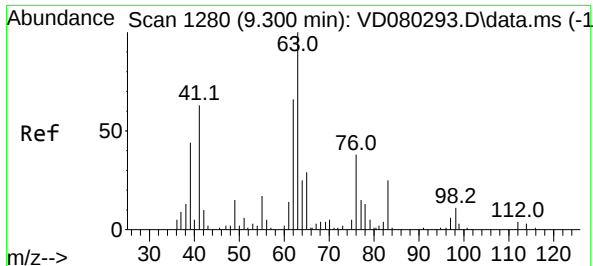
Tgt Ion:130 Resp: 85583

Ion Ratio Lower Upper

130 100

95 90.3 0.0 194.6





#45

1,2-Dichloropropane

Concen: 54.382 ug/l

RT: 9.299 min Scan# 1280

Delta R.T. -0.006 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

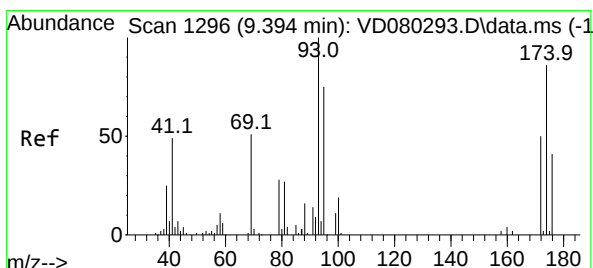
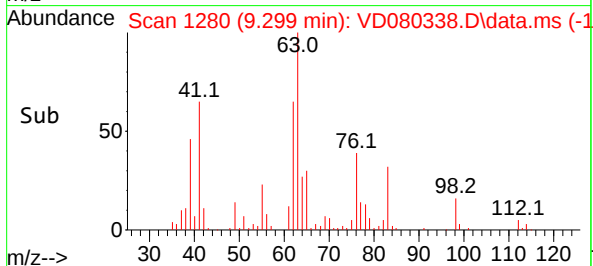
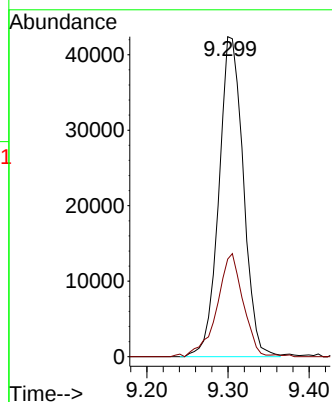
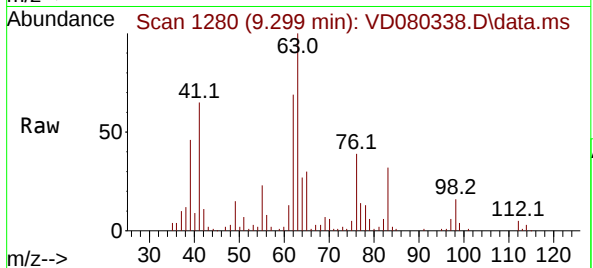
VSTDCCC050

Tgt Ion: 63 Resp: 88762

Ion Ratio Lower Upper

63 100

65 30.1 26.2 39.4



#46

Dibromomethane

Concen: 54.886 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

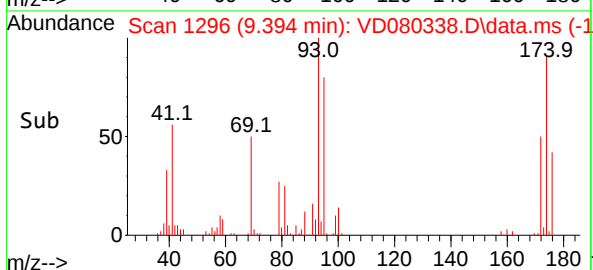
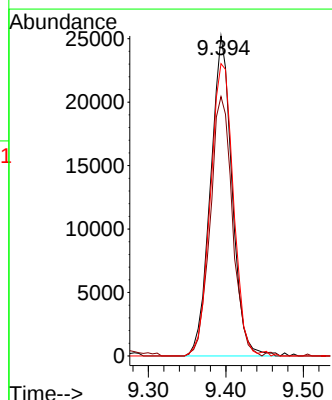
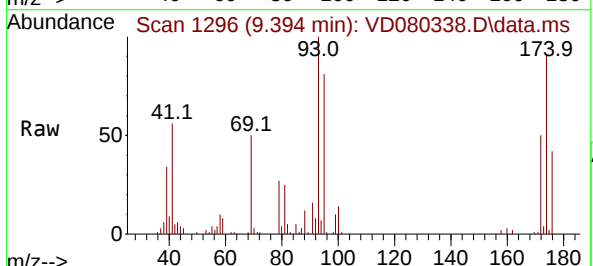
Tgt Ion: 93 Resp: 48775

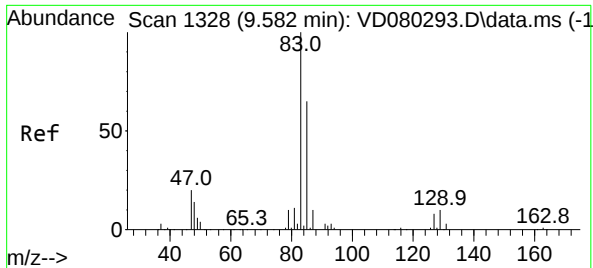
Ion Ratio Lower Upper

93 100

95 83.4 67.9 101.9

174 97.5 80.5 120.7

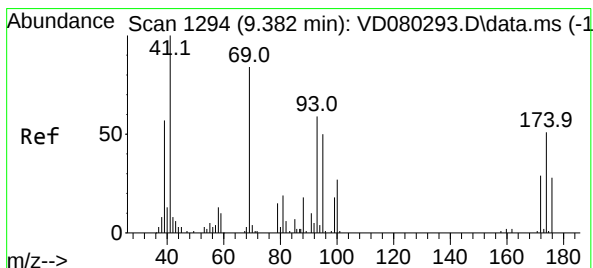
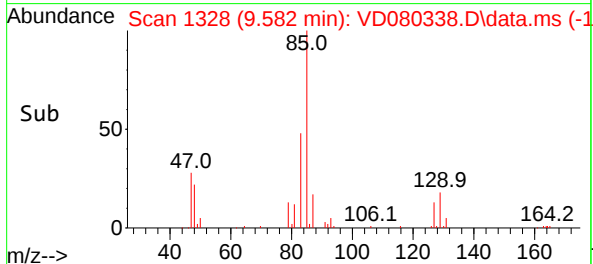
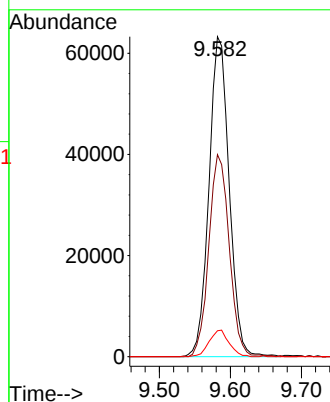
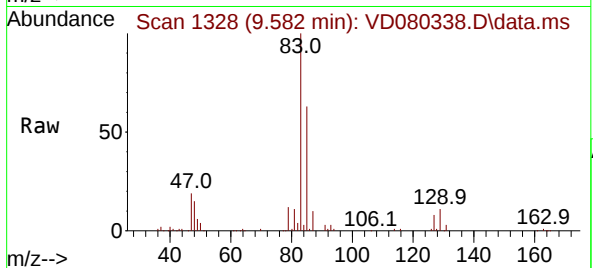




#47  
Bromodichloromethane  
Concen: 55.451 ug/l  
RT: 9.582 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

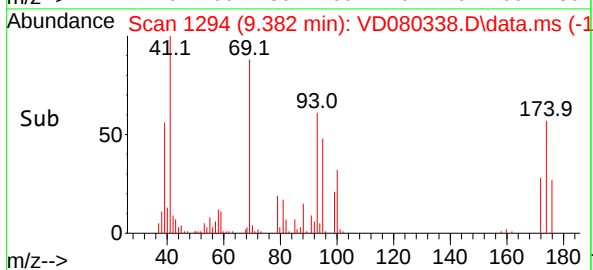
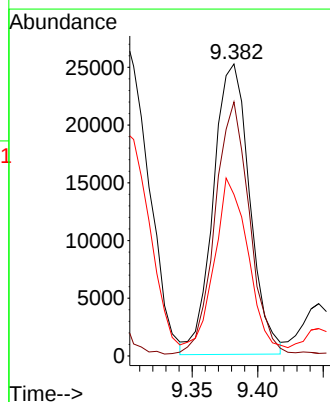
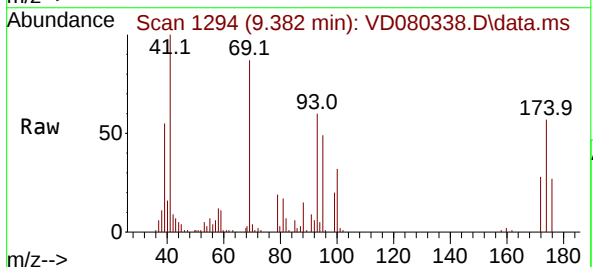
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

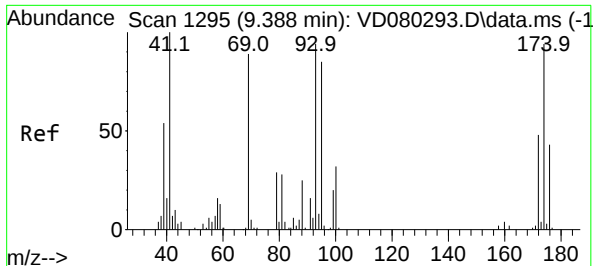
Tgt Ion: 83 Resp: 125073  
Ion Ratio Lower Upper  
83 100  
85 63.1 50.6 75.8  
127 8.1 6.1 9.1



#48  
Methyl methacrylate  
Concen: 53.123 ug/l  
RT: 9.382 min Scan# 1294  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 41 Resp: 48613  
Ion Ratio Lower Upper  
41 100  
69 81.9 74.0 111.0  
39 52.7 41.9 62.9





#49

1,4-Dioxane

Concen: 907.773 ug/l

RT: 9.388 min Scan# 1295

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

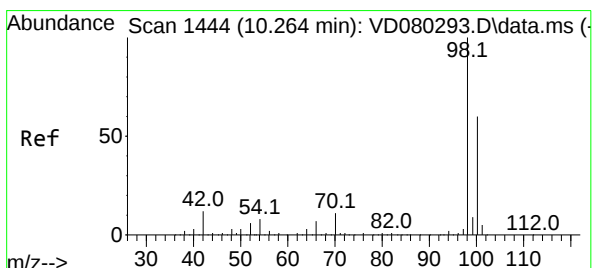
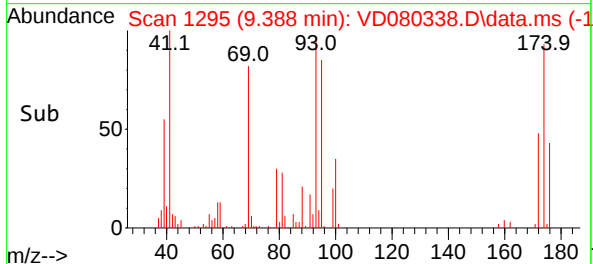
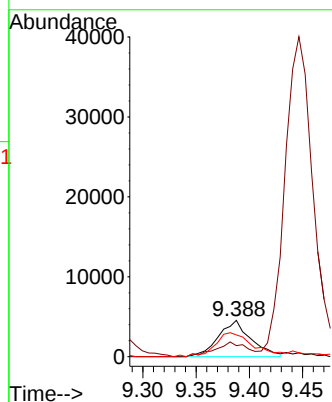
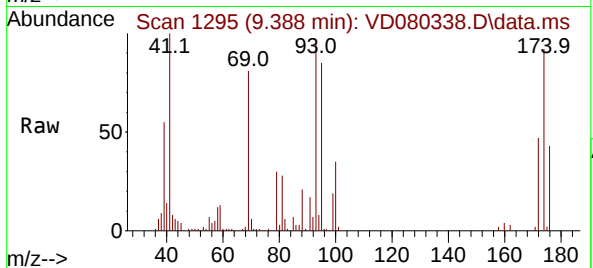
Tgt Ion: 88 Resp: 9591

Ion Ratio Lower Upper

88 100

43 38.7 29.1 43.7

58 78.2 59.9 89.9



#50

Toluene-d8

Concen: 52.006 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080338.D

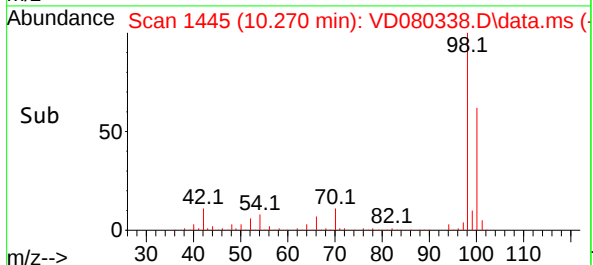
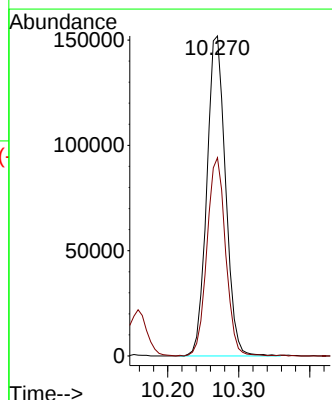
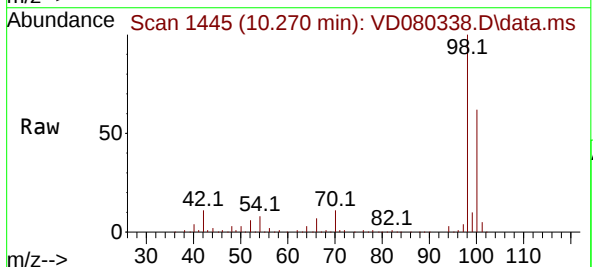
Acq: 15 May 2025 10:21

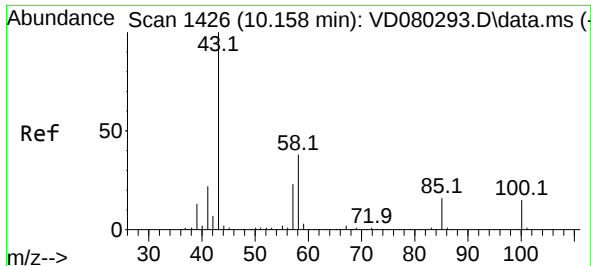
Tgt Ion: 98 Resp: 278482

Ion Ratio Lower Upper

98 100

100 61.7 50.2 75.4

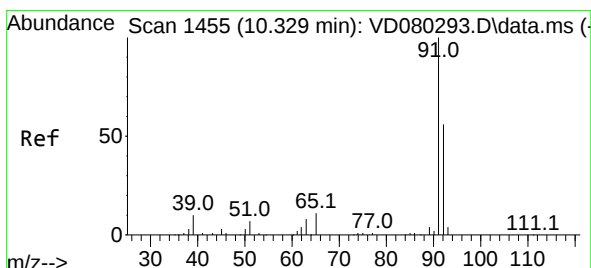
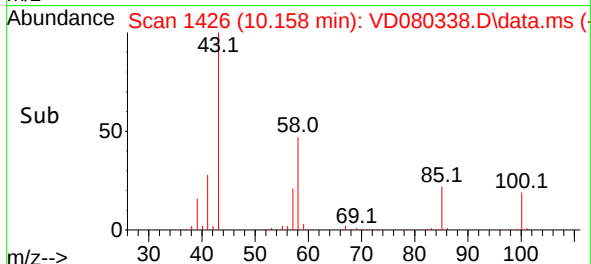
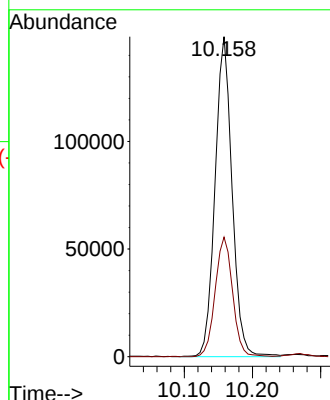
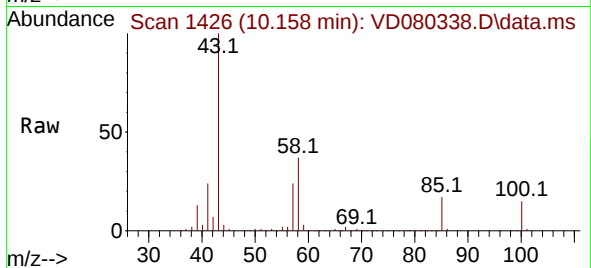




#51  
4-Methyl-2-Pentanone  
Concen: 260.882 ug/l  
RT: 10.158 min Scan# 1426  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

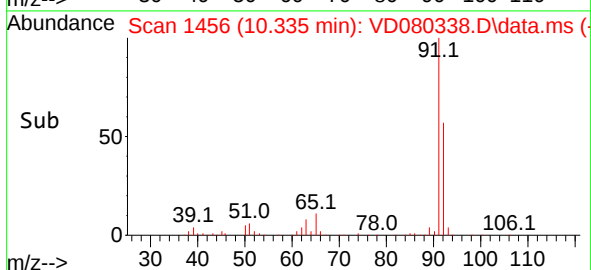
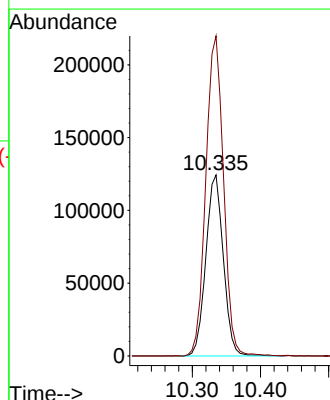
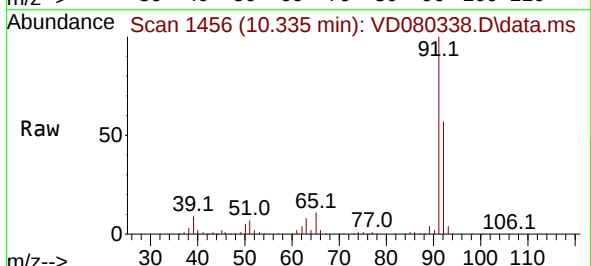
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

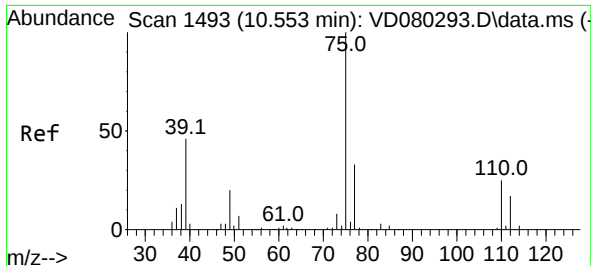
Tgt Ion: 43 Resp: 258886  
Ion Ratio Lower Upper  
43 100  
58 38.2 32.8 49.2



#52  
Toluene  
Concen: 57.844 ug/l  
RT: 10.335 min Scan# 1456  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 92 Resp: 221780  
Ion Ratio Lower Upper  
92 100  
91 179.0 139.3 208.9

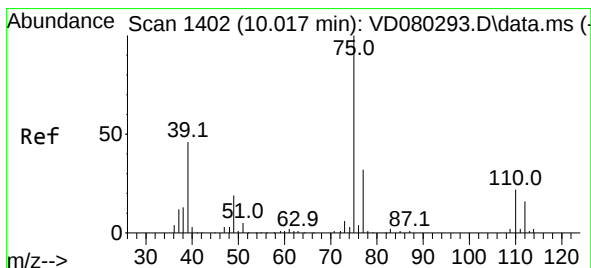
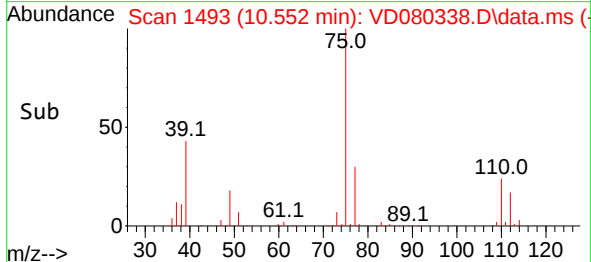
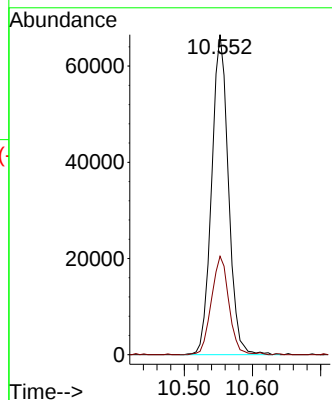
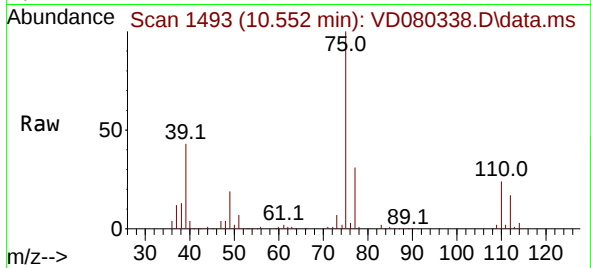




#53  
 t-1,3-Dichloropropene  
 Concen: 55.498 ug/l  
 RT: 10.552 min Scan# 1493  
 Delta R.T. 0.000 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

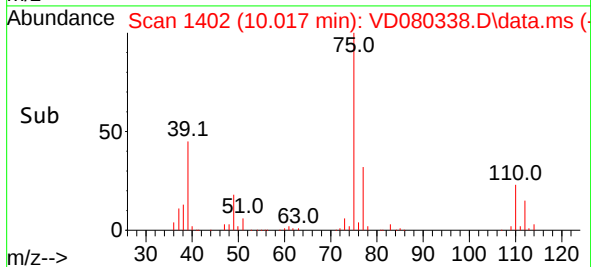
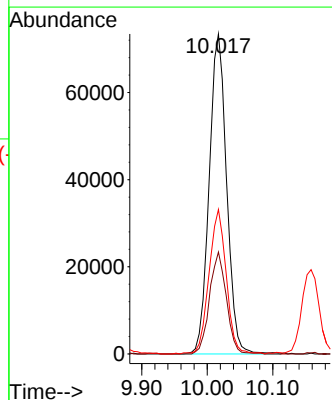
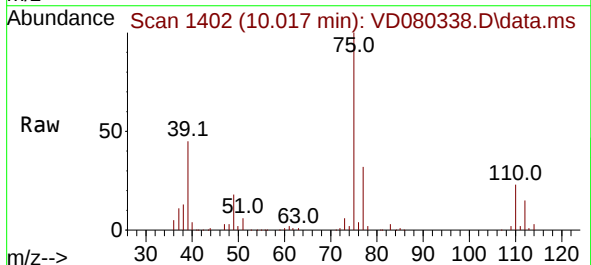
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

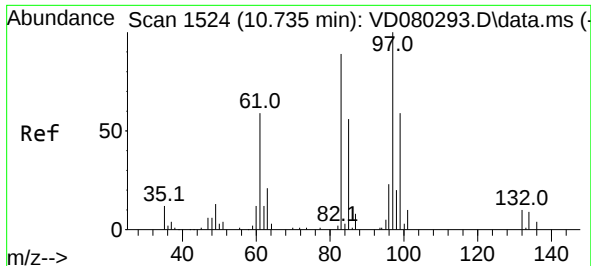
Tgt Ion: 75 Resp: 114119  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 56.996 ug/l  
 RT: 10.017 min Scan# 1402  
 Delta R.T. 0.001 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

Tgt Ion: 75 Resp: 135811  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.0 37.4  
 39 45.2 33.2 49.8

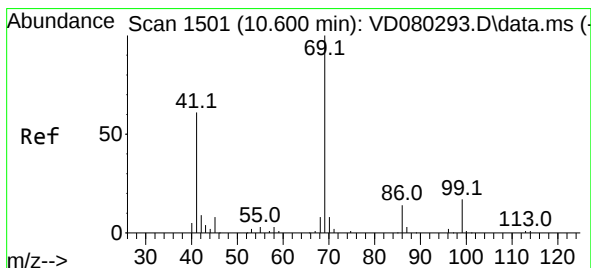
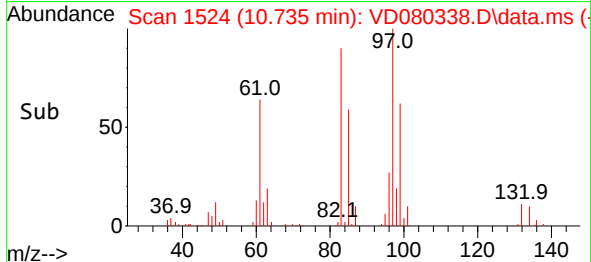
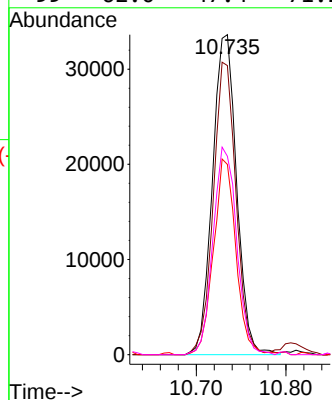
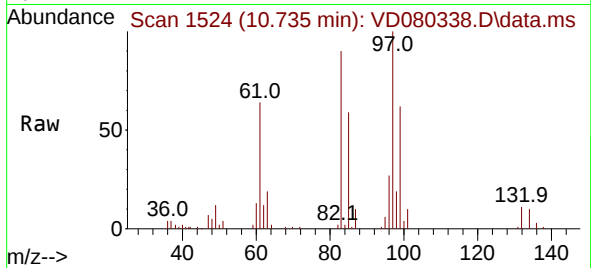




#55  
1,1,2-Trichloroethane  
Concen: 53.455 ug/l  
RT: 10.735 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

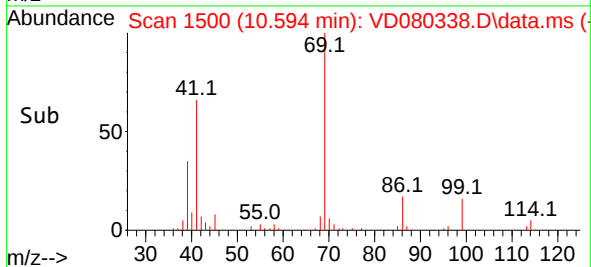
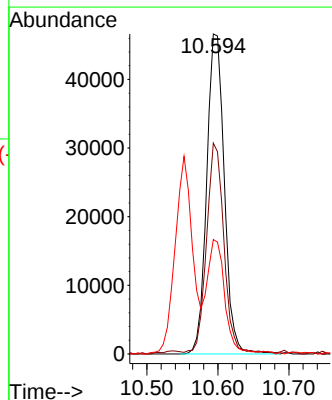
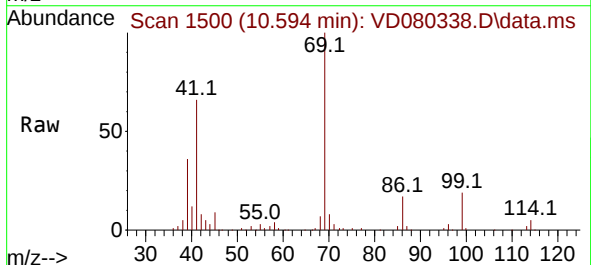
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

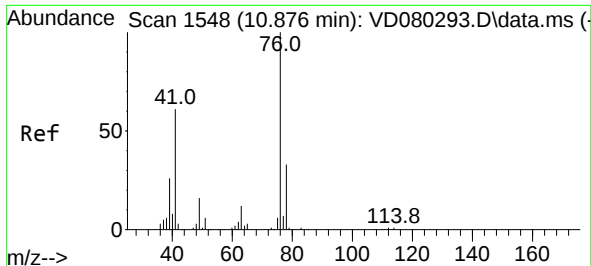
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 62836 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.3  | 69.2  | 103.8 |
| 85       | 59.5  | 43.0  | 64.6  |
| 99       | 62.0  | 47.4  | 71.2  |



#56  
Ethyl methacrylate  
Concen: 56.465 ug/l  
RT: 10.594 min Scan# 1500  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 80429 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 63.4  | 50.4  | 75.6  |
| 39       | 34.4  | 26.0  | 39.0  |

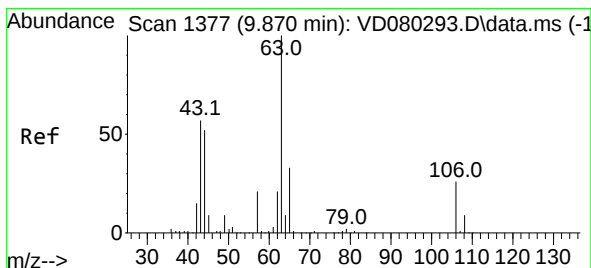
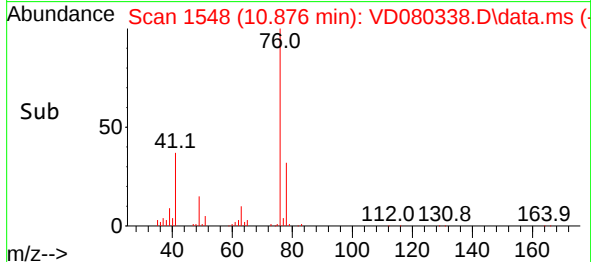
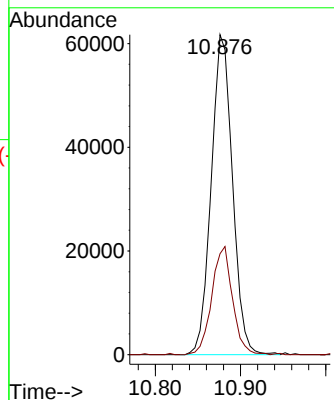
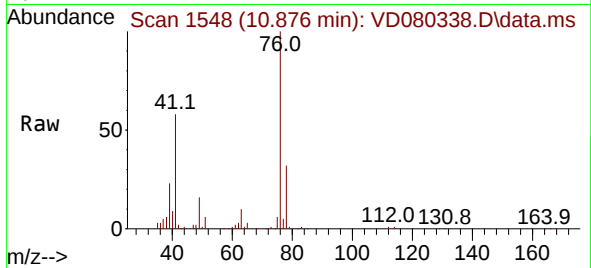




#57  
 1,3-Dichloropropane  
 Concen: 54.774 ug/l  
 RT: 10.876 min Scan# 1548  
 Delta R.T. -0.005 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

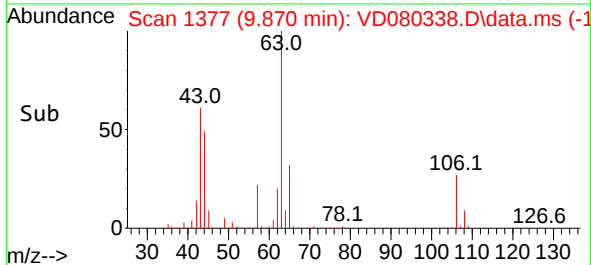
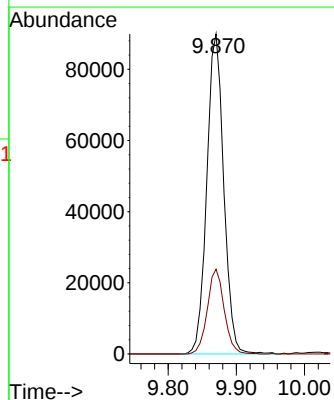
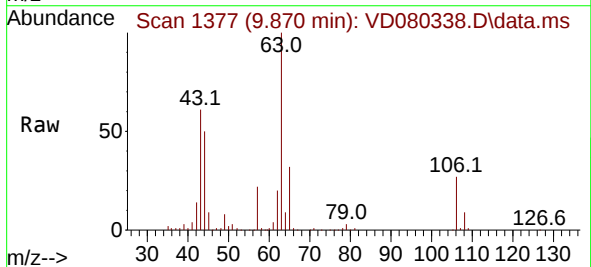
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

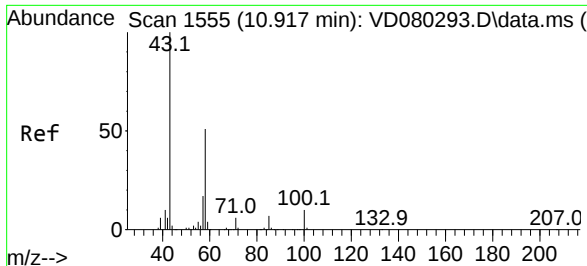
Tgt Ion: 76 Resp: 107008  
 Ion Ratio Lower Upper  
 76 100  
 78 32.9 25.4 38.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 266.522 ug/l  
 RT: 9.870 min Scan# 1377  
 Delta R.T. 0.001 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

Tgt Ion: 63 Resp: 155362  
 Ion Ratio Lower Upper  
 63 100  
 106 26.3 21.8 32.6

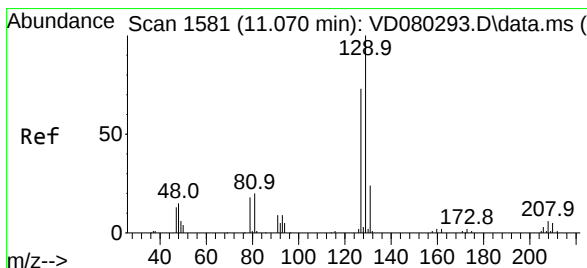
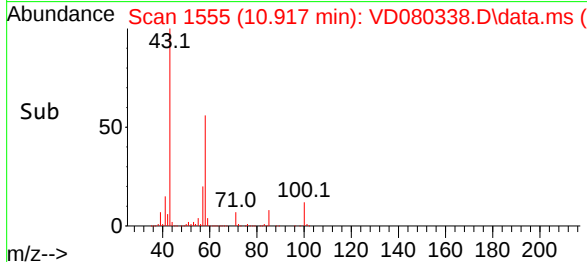
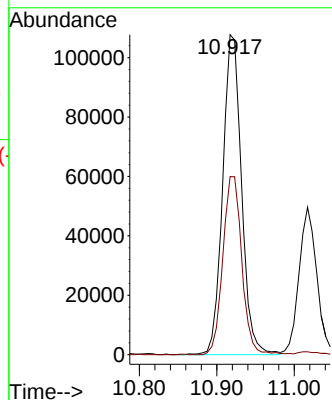
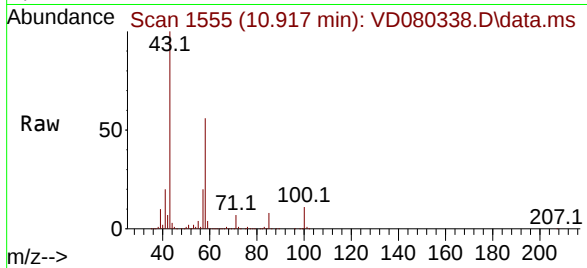




#59  
2-Hexanone  
Concen: 266.994 ug/l  
RT: 10.917 min Scan# 1555  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

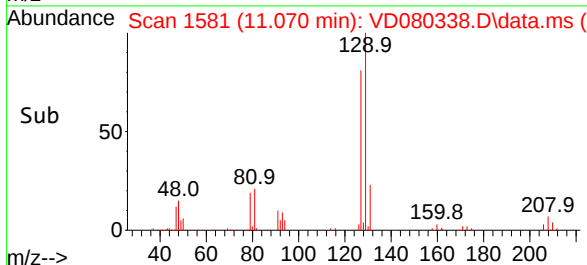
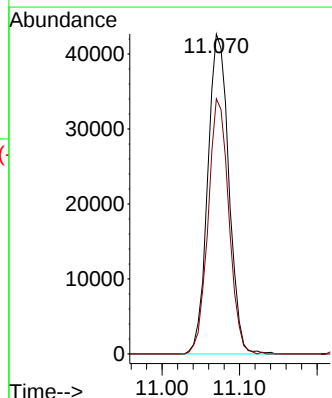
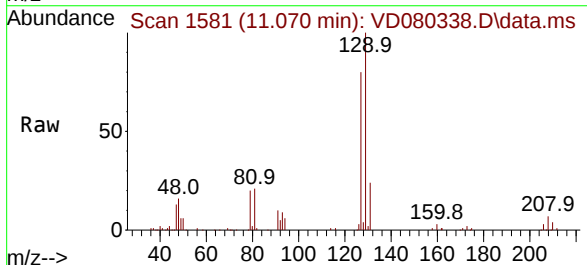
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

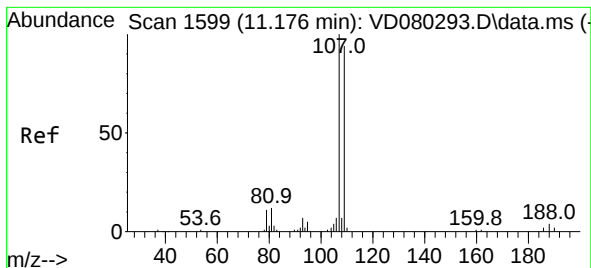
Tgt Ion: 43 Resp: 182260  
Ion Ratio Lower Upper  
43 100  
58 56.1 27.8 83.4



#60  
Dibromochloromethane  
Concen: 54.618 ug/l  
RT: 11.070 min Scan# 1581  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 129 Resp: 80459  
Ion Ratio Lower Upper  
129 100  
127 78.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 54.619 ug/l

RT: 11.182 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

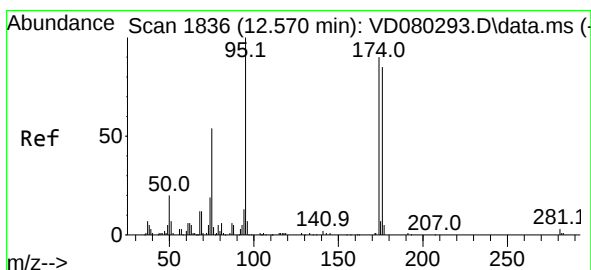
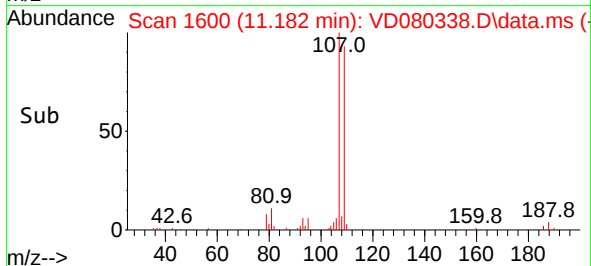
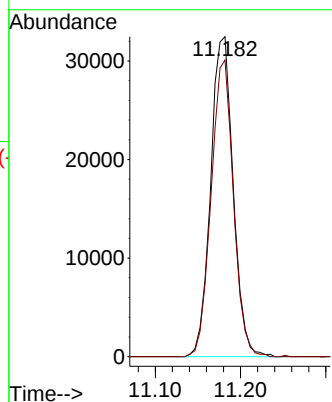
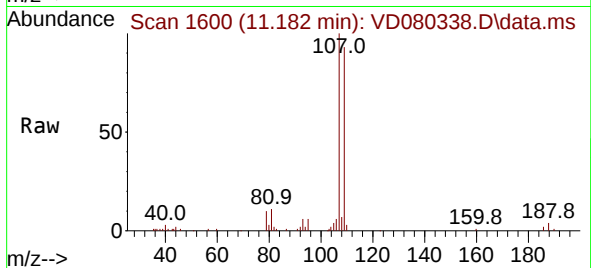
VSTDCCC050

Tgt Ion:107 Resp: 59535

Ion Ratio Lower Upper

107 100

109 91.6 73.9 110.9



#62

4-Bromofluorobenzene

Concen: 50.439 ug/l

RT: 12.570 min Scan# 1836

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

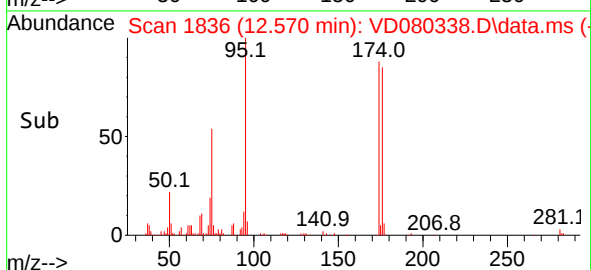
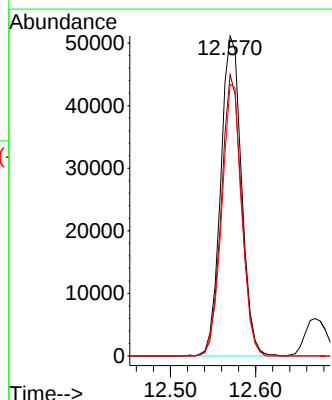
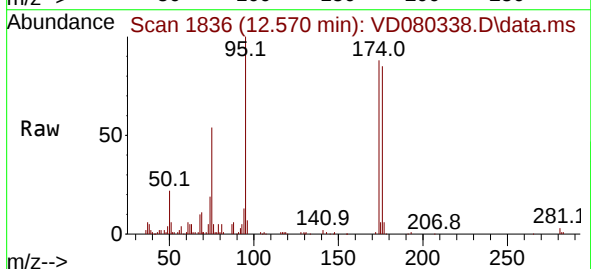
Tgt Ion: 95 Resp: 86690

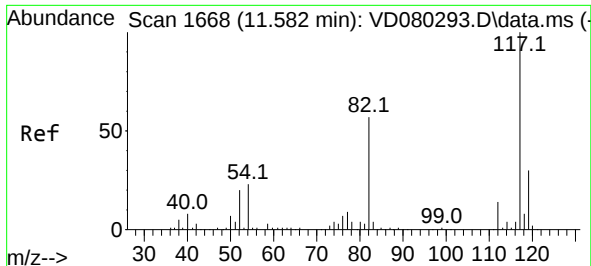
Ion Ratio Lower Upper

95 100

174 85.4 0.0 173.4

176 81.7 0.0 166.6

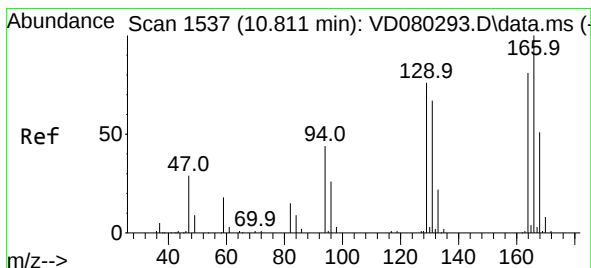
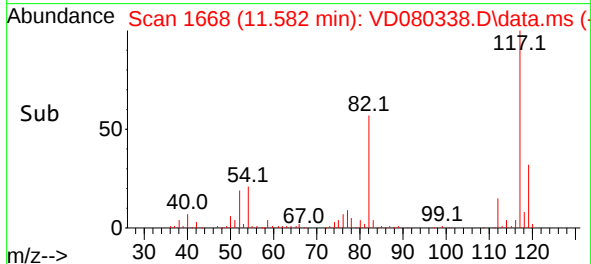
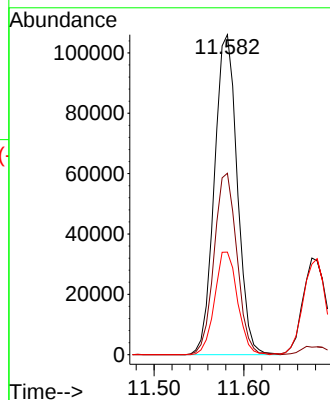
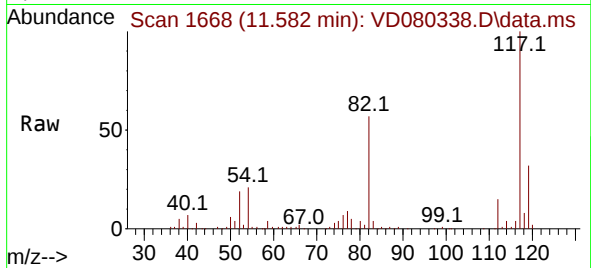




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.582 min Scan# 117  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

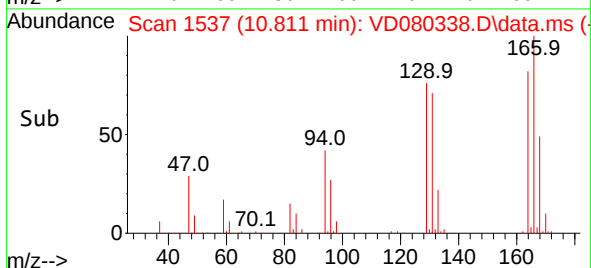
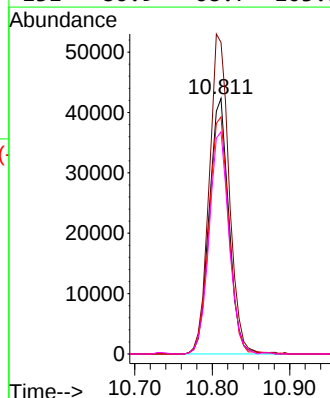
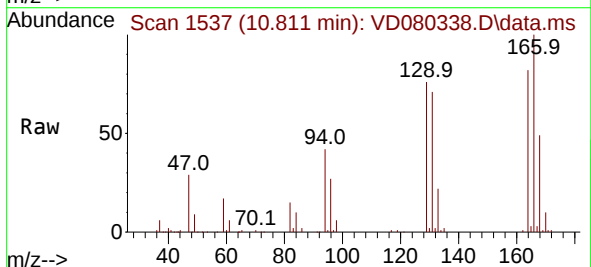
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

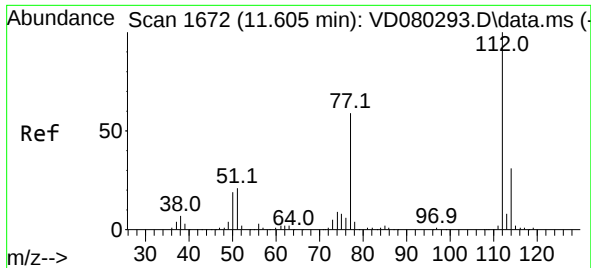
Tgt Ion:117 Resp: 187678  
Ion Ratio Lower Upper  
117 100  
82 56.7 45.8 68.6  
119 32.0 26.2 39.2



#64  
Tetrachloroethene  
Concen: 58.506 ug/l  
RT: 10.811 min Scan# 1537  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion:164 Resp: 74356  
Ion Ratio Lower Upper  
164 100  
166 121.9 97.5 146.3  
129 92.8 70.6 106.0  
131 86.9 68.7 103.1

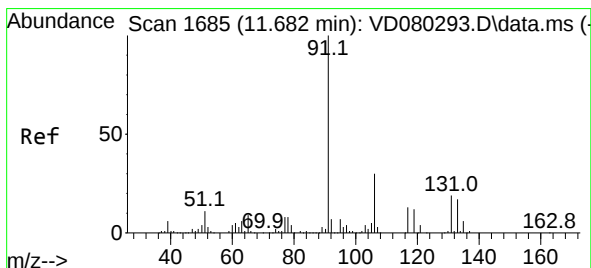
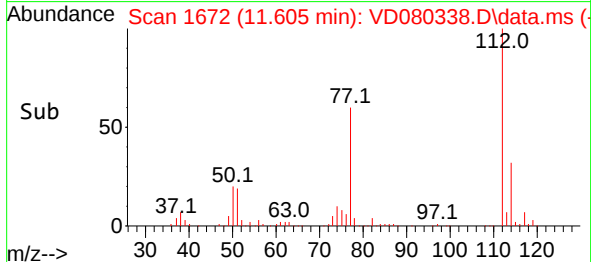
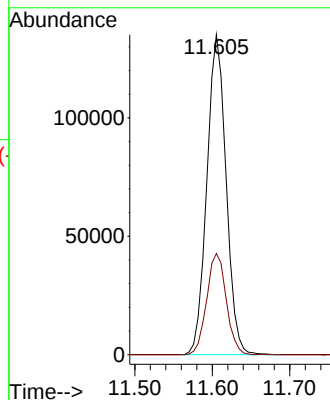
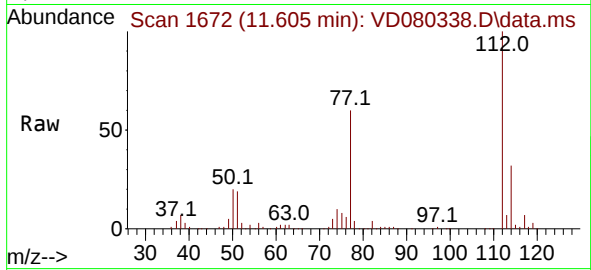




#65  
Chlorobenzene  
Concen: 54.909 ug/l  
RT: 11.605 min Scan# 1672  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

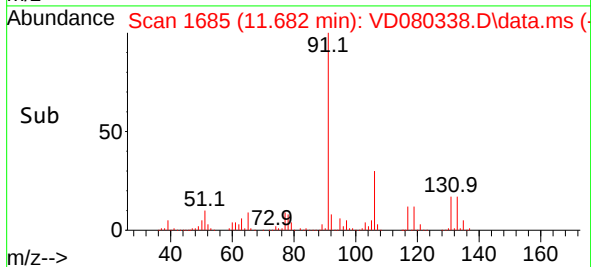
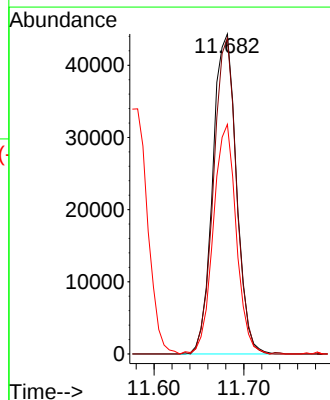
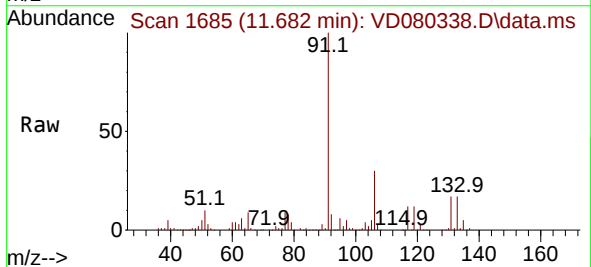
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

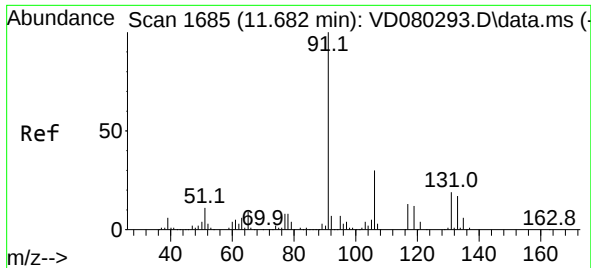
Tgt Ion:112 Resp: 232686  
Ion Ratio Lower Upper  
112 100  
114 31.6 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.732 ug/l  
RT: 11.682 min Scan# 1685  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion:131 Resp: 81141  
Ion Ratio Lower Upper  
131 100  
133 95.4 48.8 146.4  
119 69.6 34.8 104.3

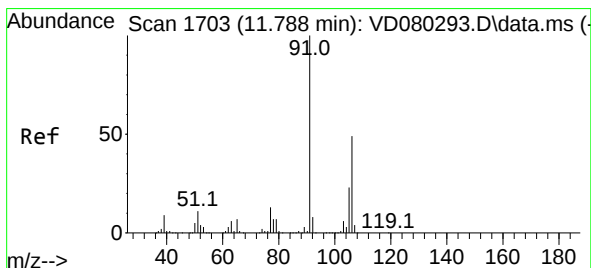
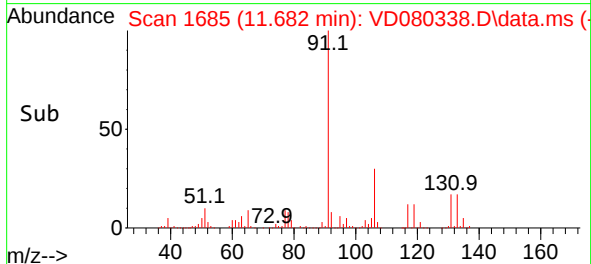
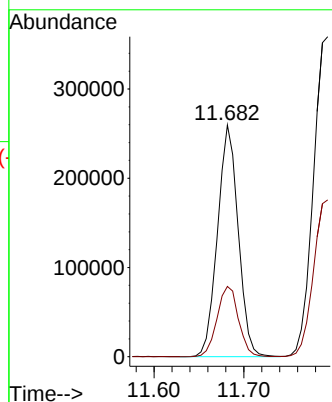
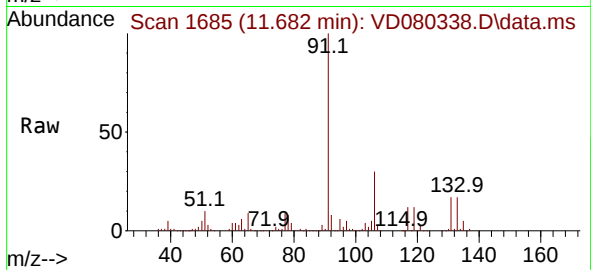




#67  
Ethyl Benzene  
Concen: 58.613 ug/l  
RT: 11.682 min Scan# 1685  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

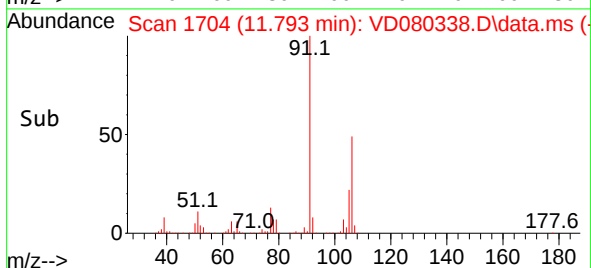
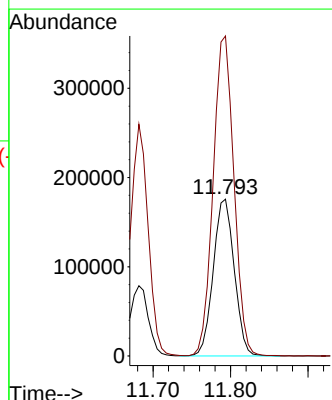
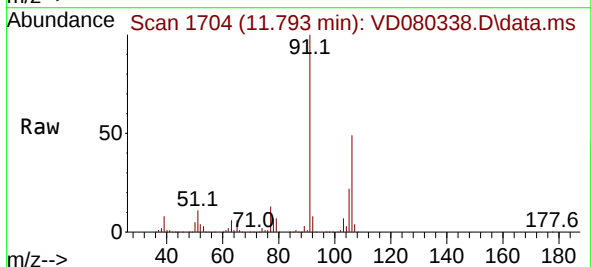
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

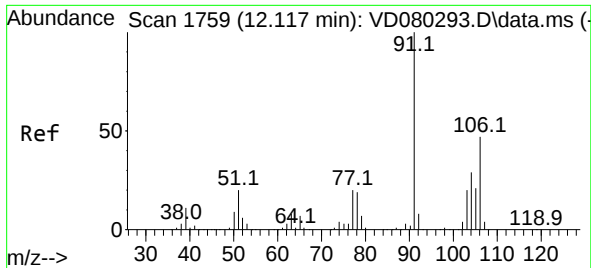
Tgt Ion: 91 Resp: 415083  
Ion Ratio Lower Upper  
91 100  
106 30.3 23.6 35.4



#68  
m/p-Xylenes  
Concen: 120.312 ug/l  
RT: 11.793 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 106 Resp: 330823  
Ion Ratio Lower Upper  
106 100  
91 202.4 162.6 244.0

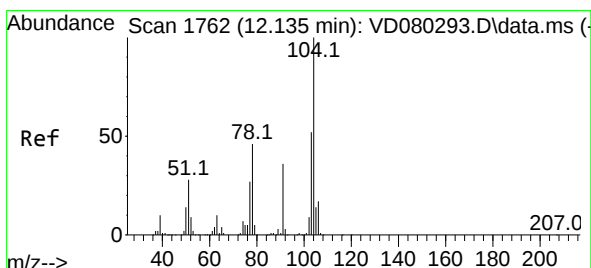
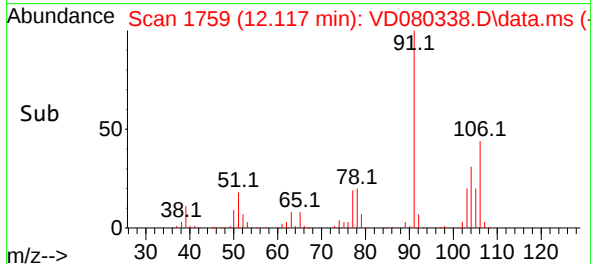
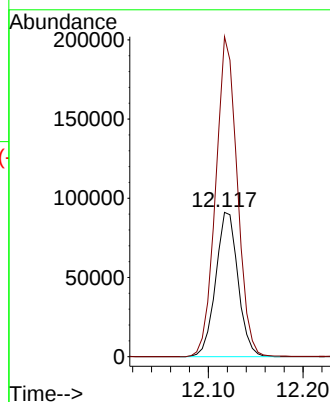
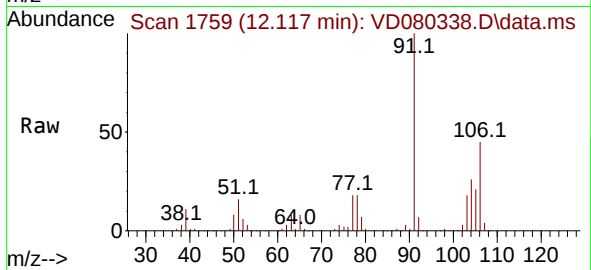




#69  
o-Xylene  
Concen: 59.427 ug/l  
RT: 12.117 min Scan# 1759  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

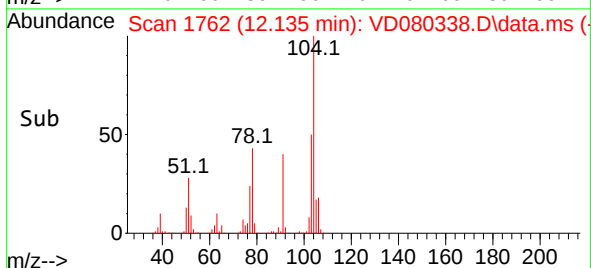
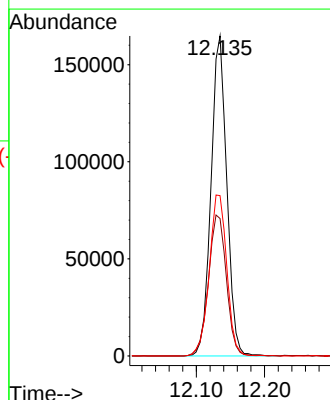
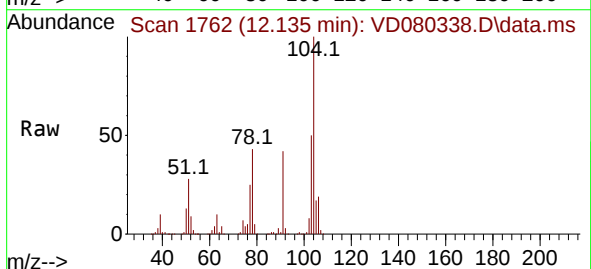
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

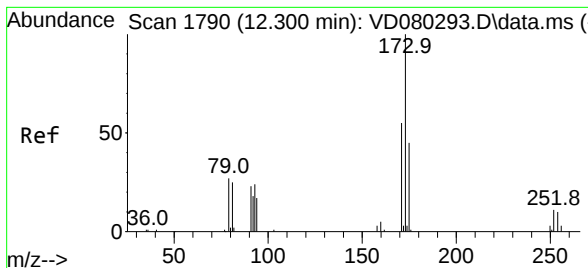
Tgt Ion:106 Resp: 149320  
Ion Ratio Lower Upper  
106 100  
91 214.7 110.5 331.5



#70  
Styrene  
Concen: 58.870 ug/l  
RT: 12.135 min Scan# 1762  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion:104 Resp: 265611  
Ion Ratio Lower Upper  
104 100  
78 50.2 39.8 59.8  
103 56.1 45.2 67.8





#71

Bromoform

Concen: 53.977 ug/l

RT: 12.299 min Scan# 1790

Delta R.T. 0.006 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

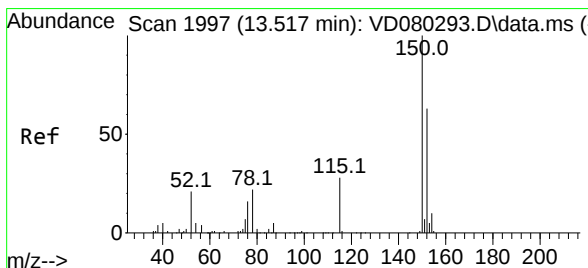
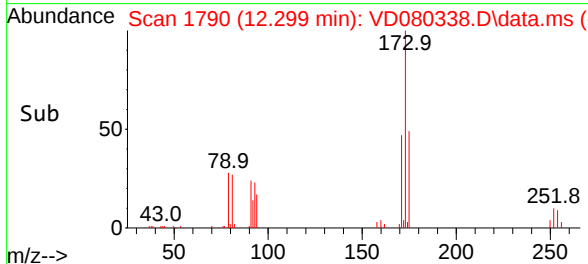
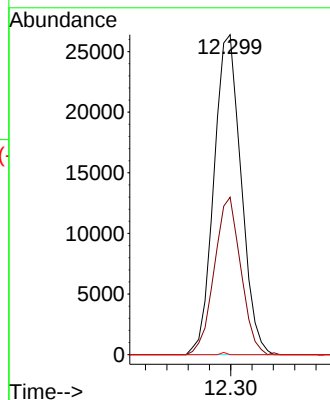
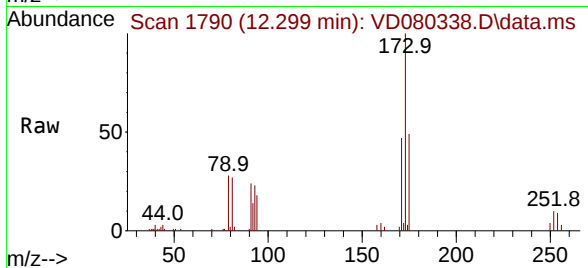
Tgt Ion:173 Resp: 46690

Ion Ratio Lower Upper

173 100

175 48.0 24.8 74.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

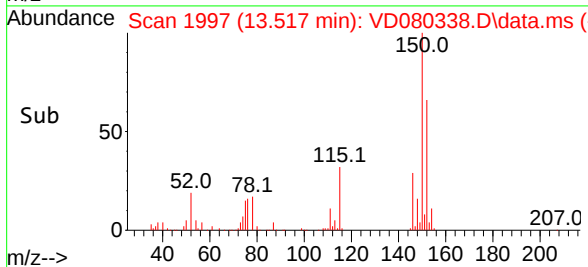
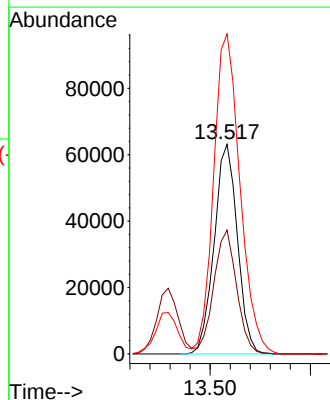
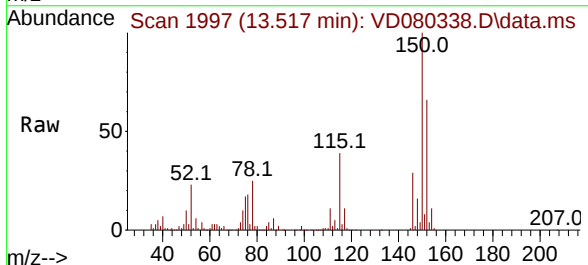
Tgt Ion:152 Resp: 101416

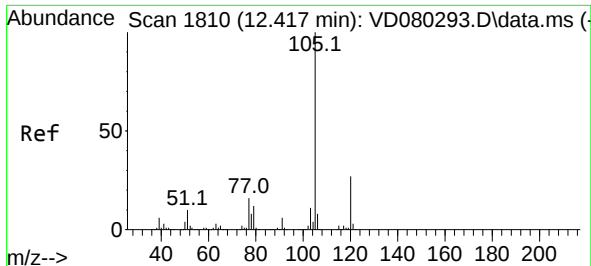
Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.8

150 173.3 0.0 354.8

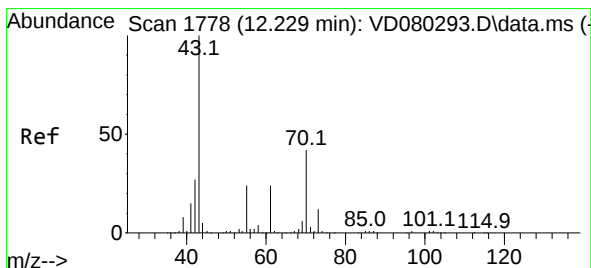
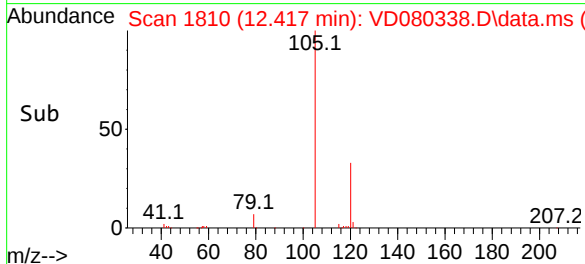
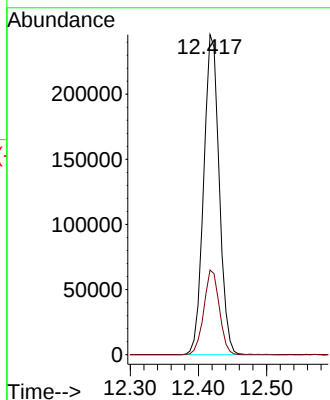
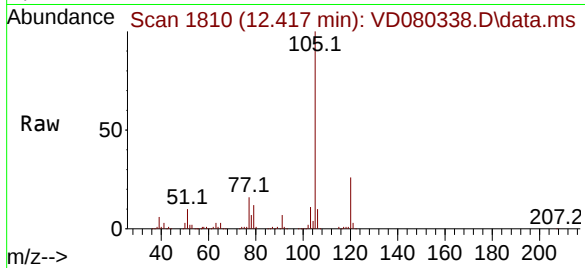




#73  
Isopropylbenzene  
Concen: 59.188 ug/l  
RT: 12.417 min Scan# 1810  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

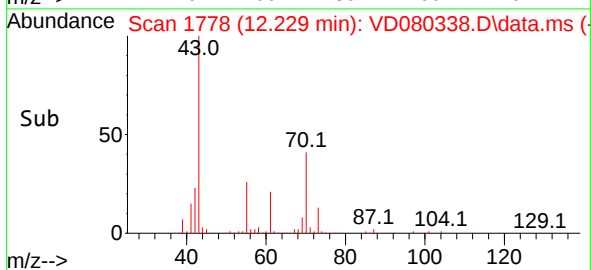
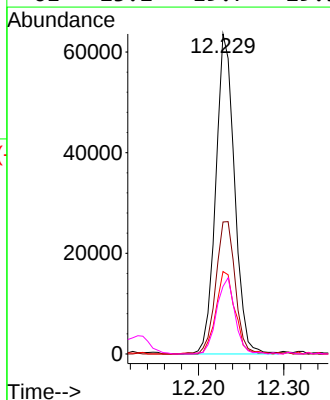
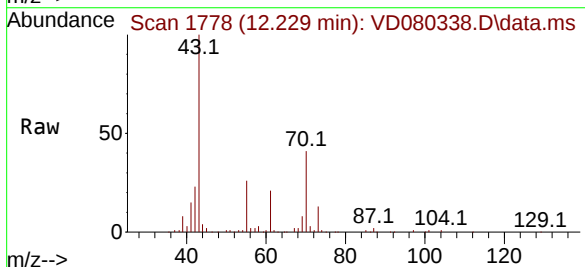
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

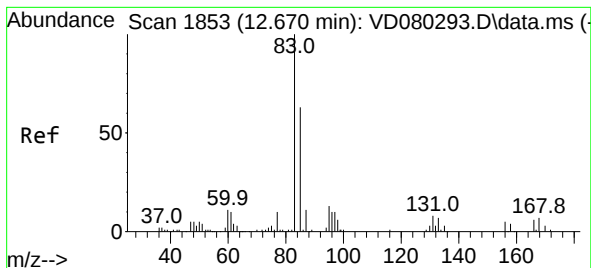
Tgt Ion:105 Resp: 389378  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.3 39.9



#74  
N-ethyl acetate  
Concen: 51.479 ug/l  
RT: 12.229 min Scan# 1778  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 43 Resp: 97199  
Ion Ratio Lower Upper  
43 100  
70 42.6 36.3 54.5  
55 26.4 20.3 30.5  
61 23.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.341 ug/l

RT: 12.670 min Scan# 1853

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

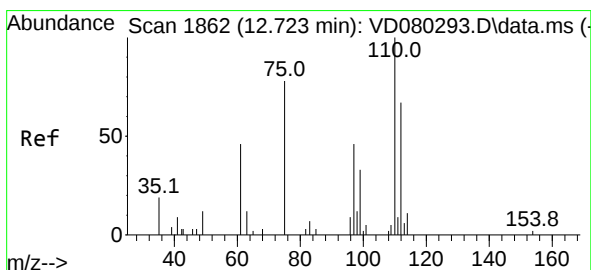
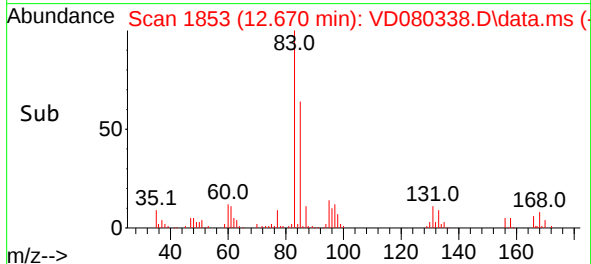
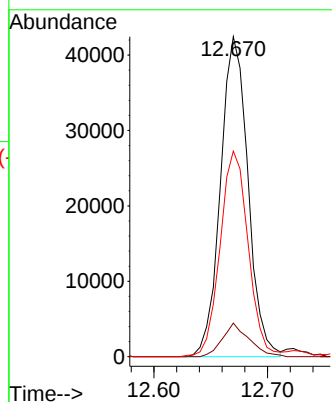
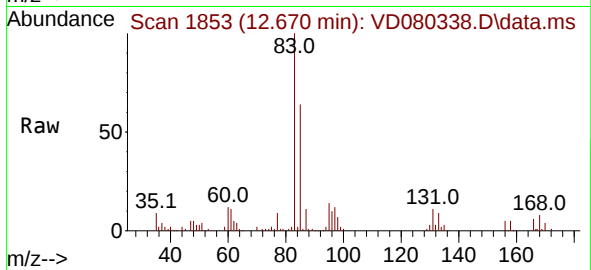
Tgt Ion: 83 Resp: 71381

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 65.5 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 94.296 ug/l

RT: 12.723 min Scan# 1862

Delta R.T. 0.001 min

Lab File: VD080338.D

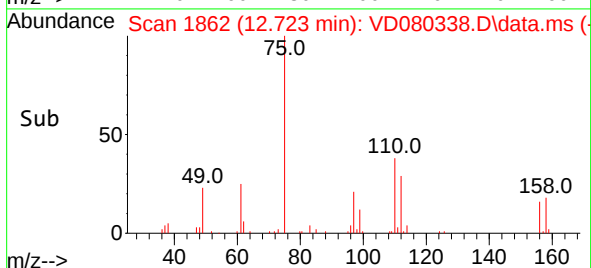
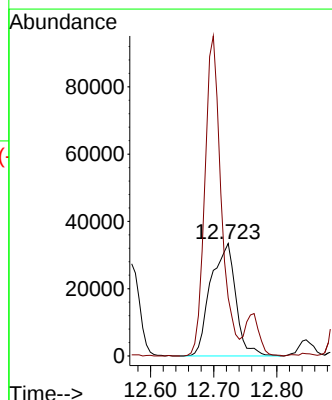
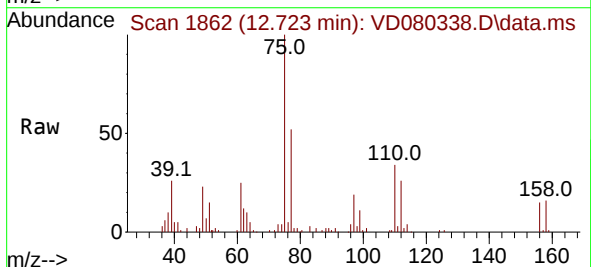
Acq: 15 May 2025 10:21

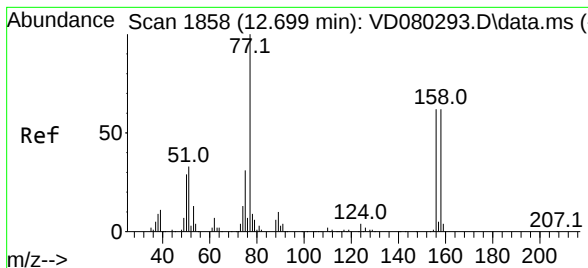
Tgt Ion: 75 Resp: 92297

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.918 ug/l

RT: 12.699 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

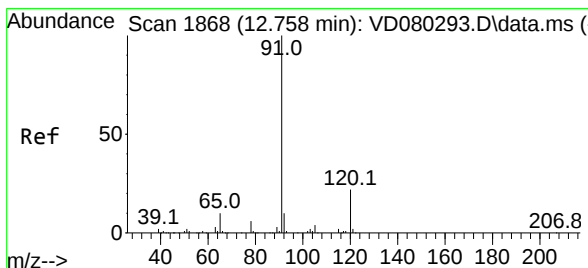
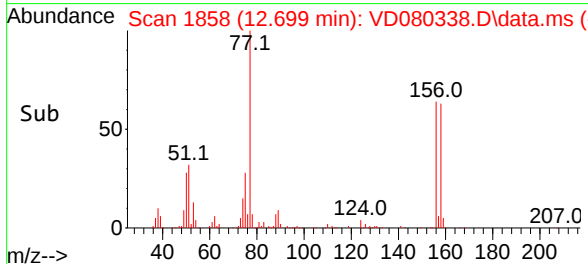
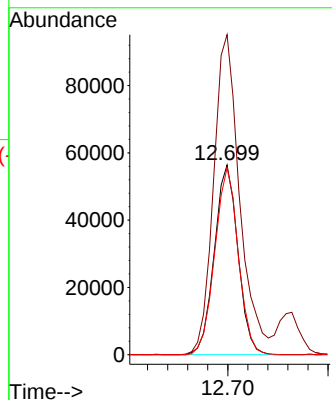
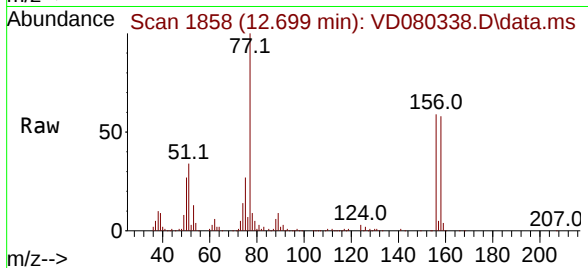
Tgt Ion:156 Resp: 92008

Ion Ratio Lower Upper

156 100

77 186.4 89.8 269.6

158 98.3 47.9 143.8



#78

n-propylbenzene

Concen: 59.945 ug/l

RT: 12.758 min Scan# 1868

Delta R.T. -0.005 min

Lab File: VD080338.D

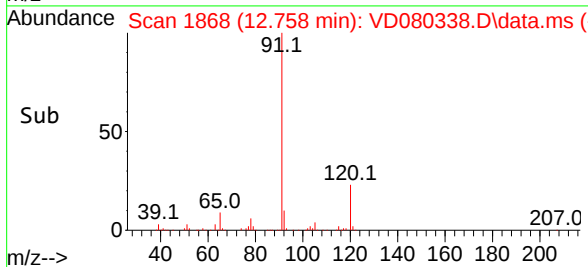
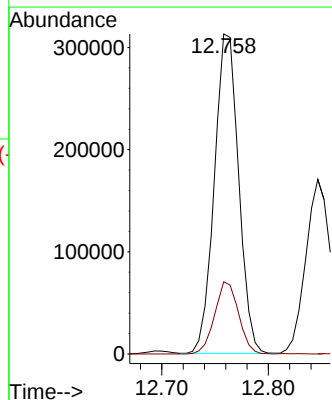
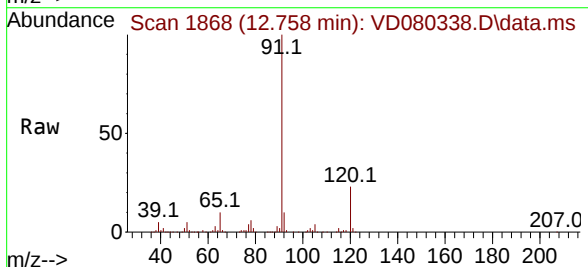
Acq: 15 May 2025 10:21

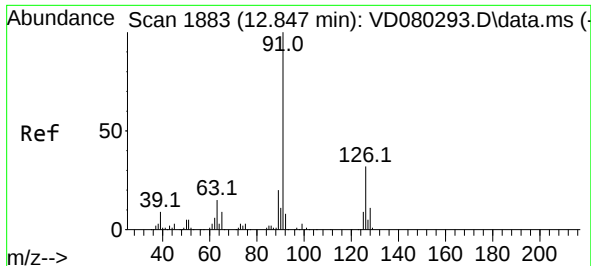
Tgt Ion: 91 Resp: 494888

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5

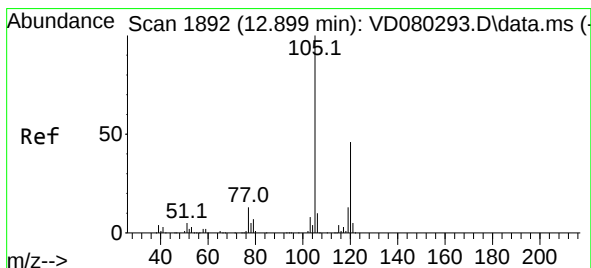
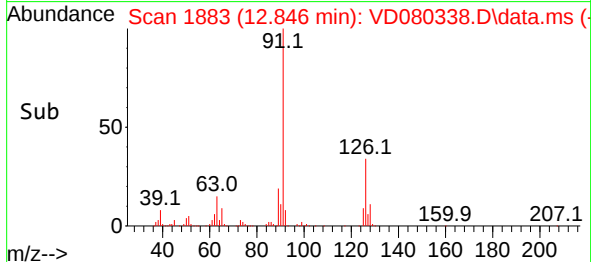
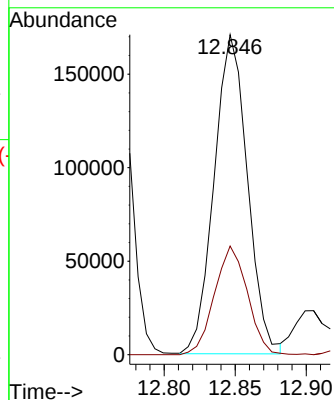
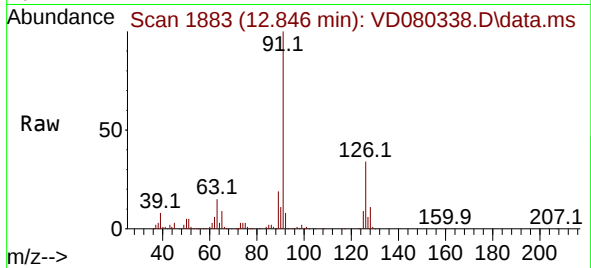




#79  
2-Chlorotoluene  
Concen: 57.978 ug/l  
RT: 12.846 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

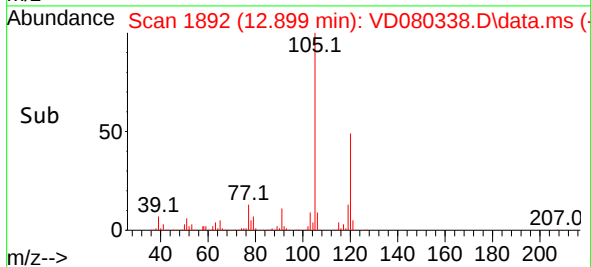
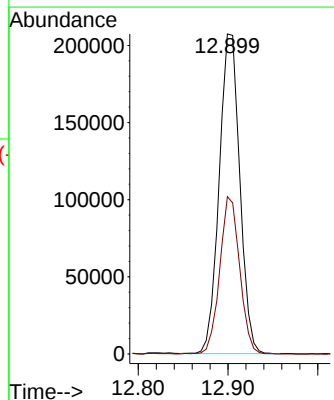
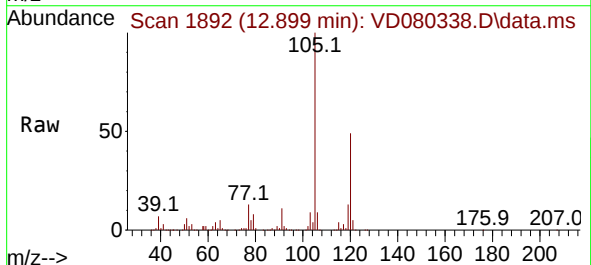
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

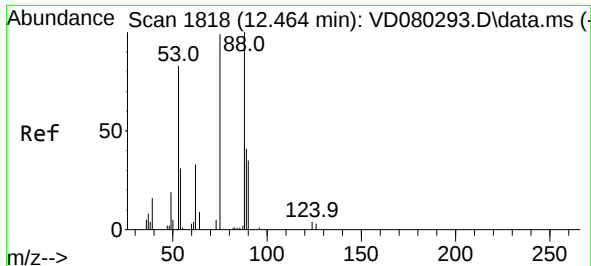
Tgt Ion: 91 Resp: 278417  
Ion Ratio Lower Upper  
91 100  
126 33.6 17.2 51.5



#80  
1,3,5-Trimethylbenzene  
Concen: 58.898 ug/l  
RT: 12.899 min Scan# 1892  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion:105 Resp: 330481  
Ion Ratio Lower Upper  
105 100  
120 47.6 25.0 75.0

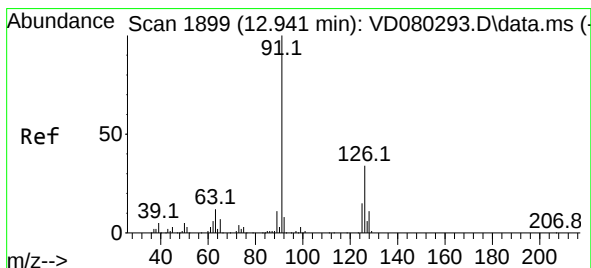
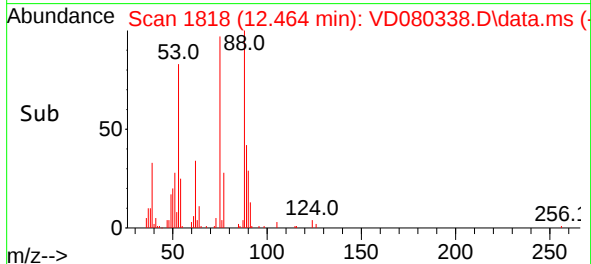
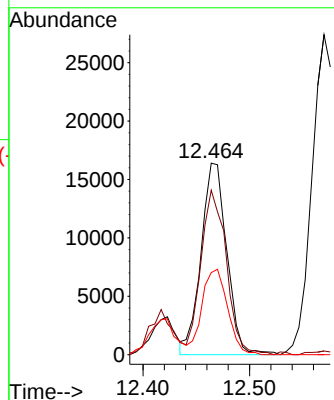
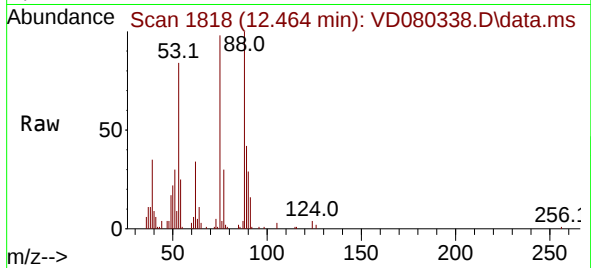




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.487 ug/l  
RT: 12.464 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

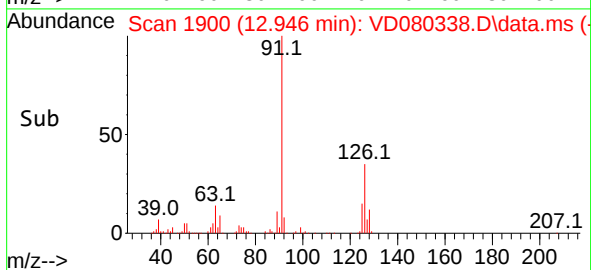
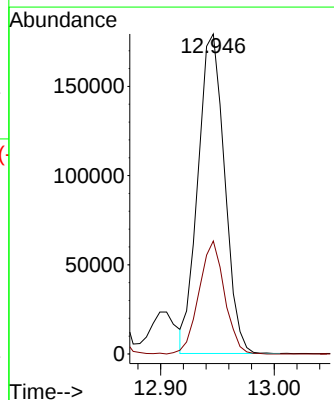
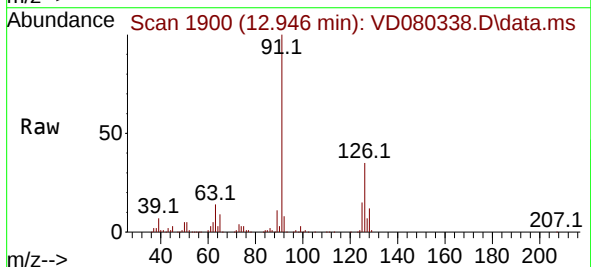
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

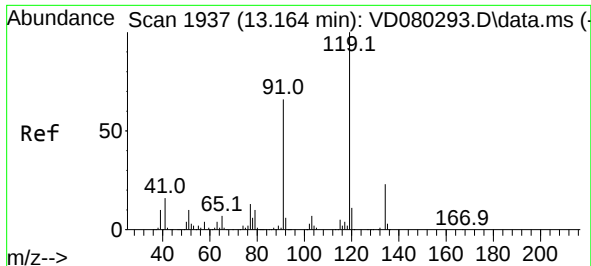
Tgt Ion: 75 Resp: 27581  
Ion Ratio Lower Upper  
75 100  
53 84.6 68.7 103.1  
89 44.5 36.1 54.1



#82  
4-Chlorotoluene  
Concen: 56.313 ug/l  
RT: 12.946 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 91 Resp: 291908  
Ion Ratio Lower Upper  
91 100  
126 33.9 16.8 50.3

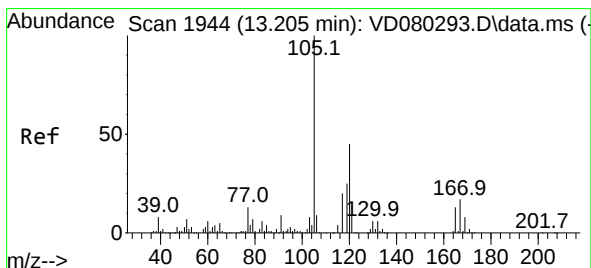
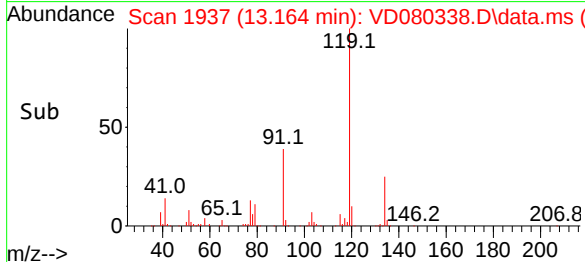
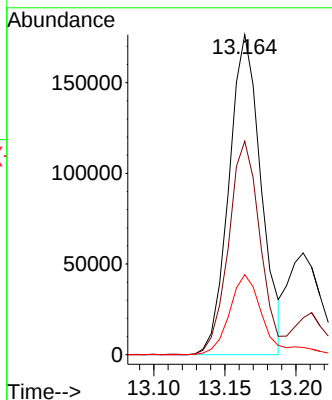
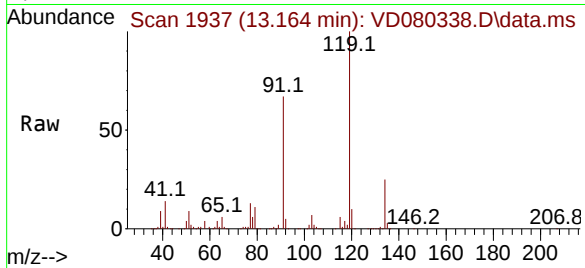




#83  
 tert-Butylbenzene  
 Concen: 59.243 ug/l  
 RT: 13.164 min Scan# 1937  
 Delta R.T. 0.001 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

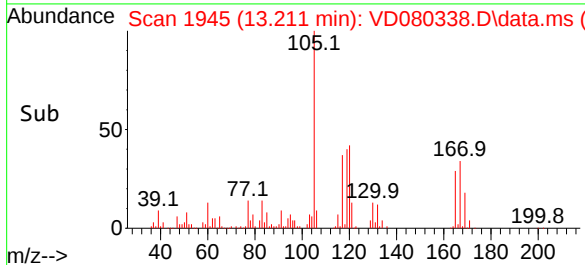
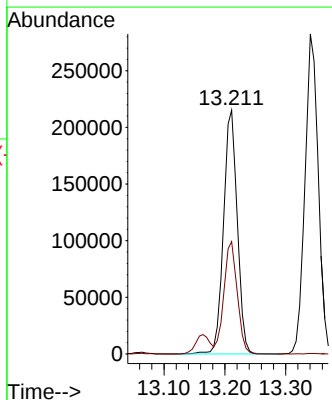
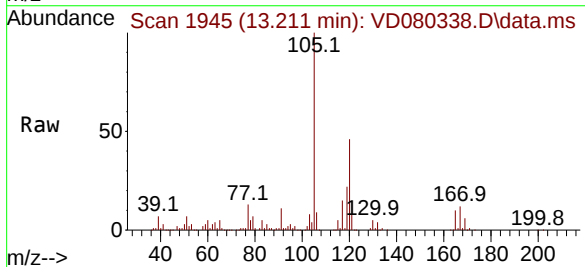
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

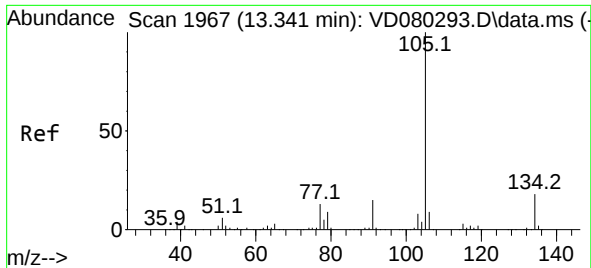
Tgt Ion:119 Resp: 277397  
 Ion Ratio Lower Upper  
 119 100  
 91 66.5 33.3 99.9  
 134 26.5 13.5 40.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 58.796 ug/l  
 RT: 13.211 min Scan# 1945  
 Delta R.T. 0.001 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

Tgt Ion:105 Resp: 337550  
 Ion Ratio Lower Upper  
 105 100  
 120 44.8 22.8 68.4

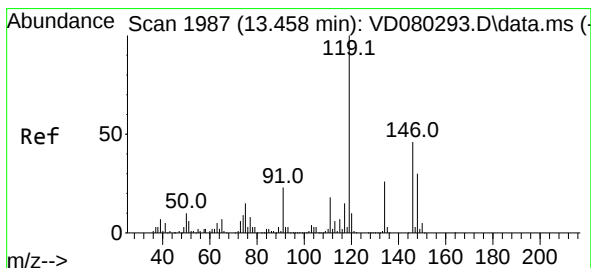
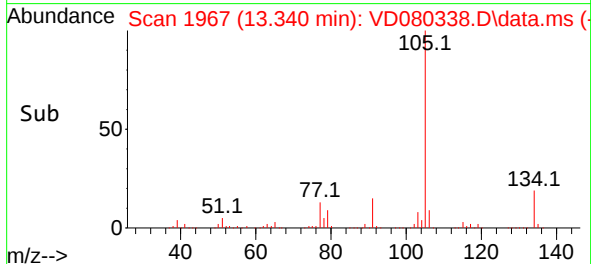
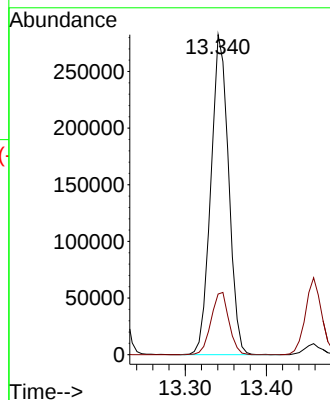
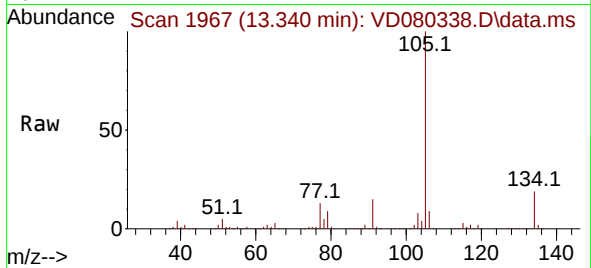




#85  
 sec-Butylbenzene  
 Concen: 59.298 ug/l  
 RT: 13.340 min Scan# 1967  
 Delta R.T. 0.000 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

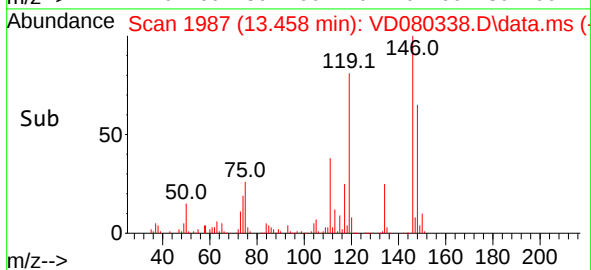
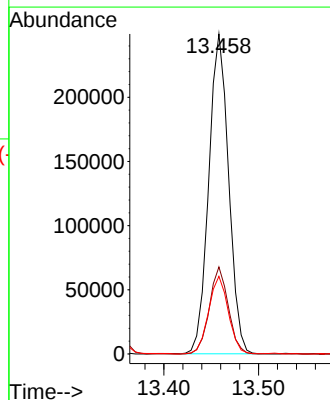
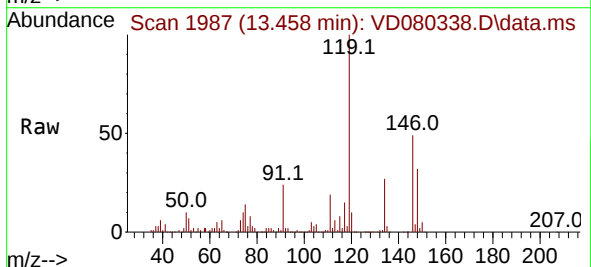
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

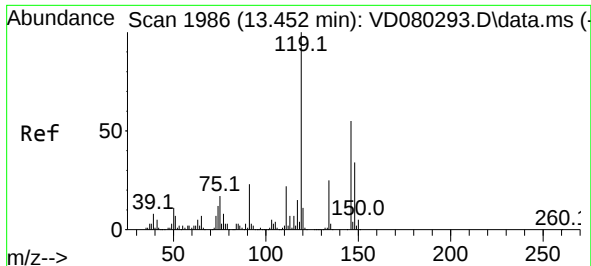
Tgt Ion:105 Resp: 428165  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 59.828 ug/l  
 RT: 13.458 min Scan# 1987  
 Delta R.T. 0.001 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

Tgt Ion:119 Resp: 363065  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.1 39.1  
 91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 54.717 ug/l

RT: 13.458 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

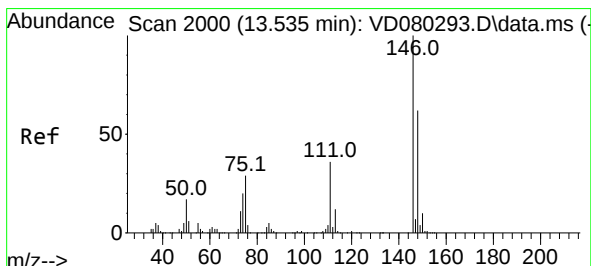
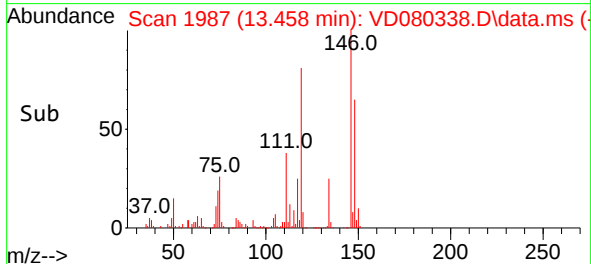
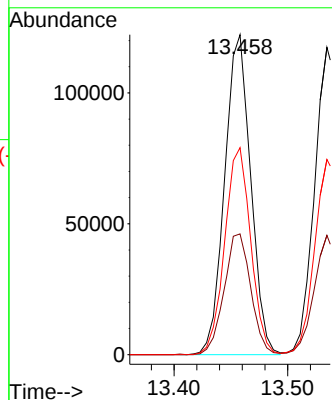
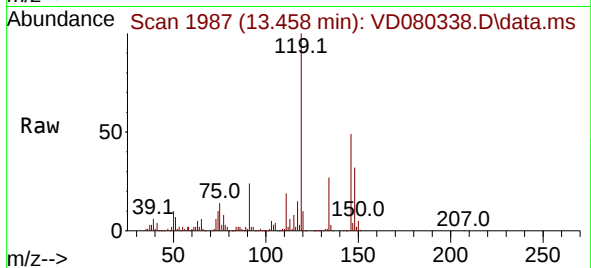
Tgt Ion:146 Resp: 194723

Ion Ratio Lower Upper

146 100

111 38.8 20.0 59.9

148 64.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 52.622 ug/l

RT: 13.535 min Scan# 2000

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

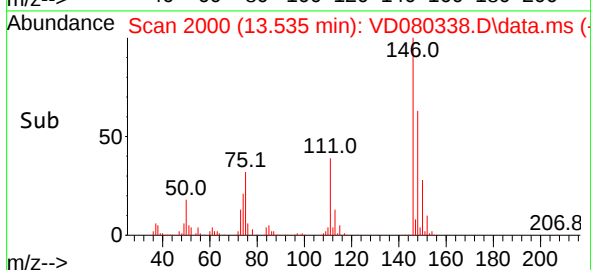
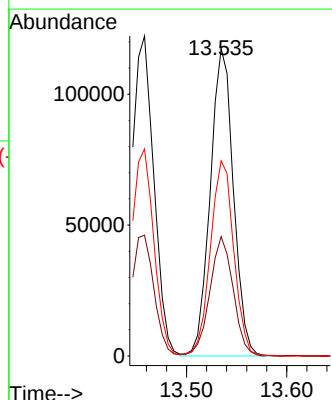
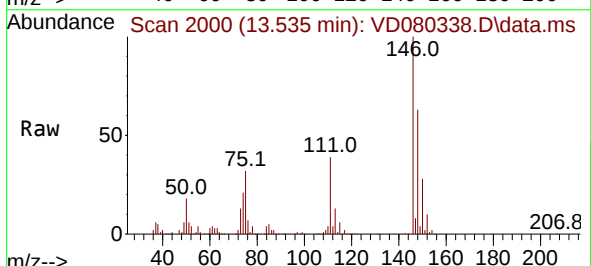
Tgt Ion:146 Resp: 188790

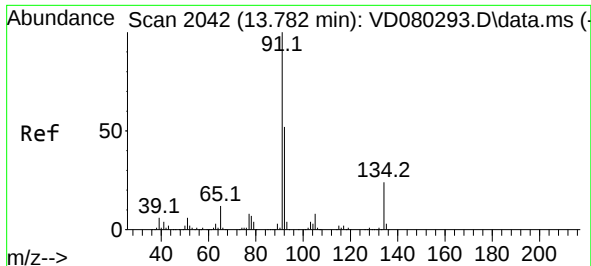
Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.8

148 64.1 32.9 98.7

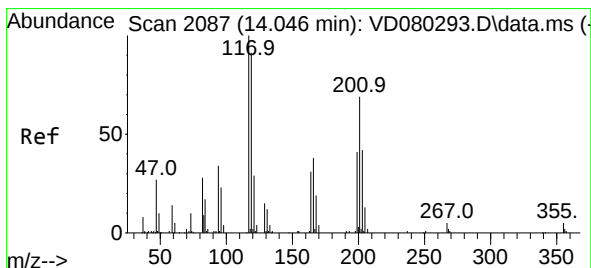
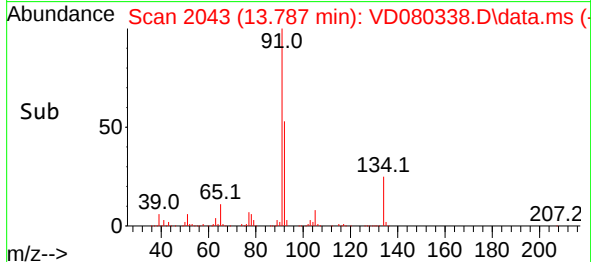
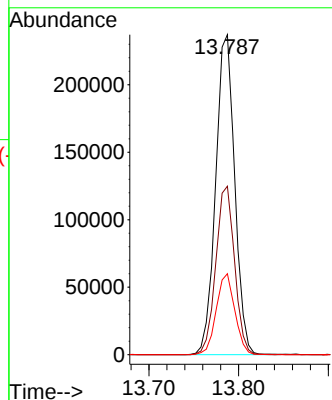
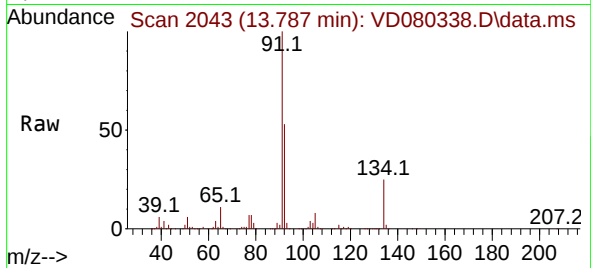




#89  
n-Butylbenzene  
Concen: 59.348 ug/l  
RT: 13.787 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

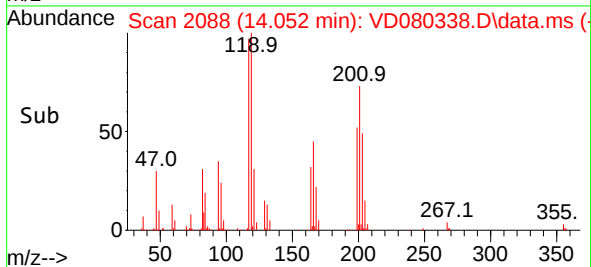
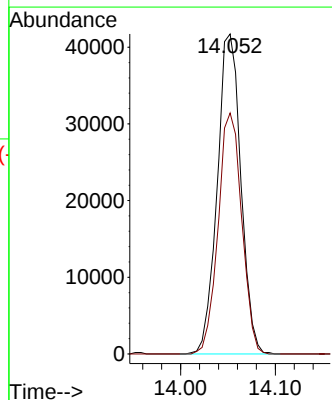
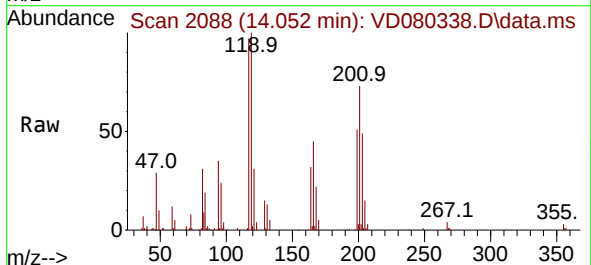
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050

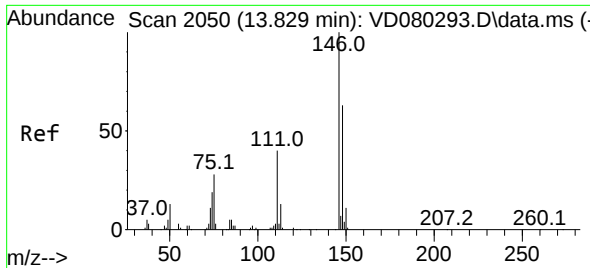
Tgt Ion: 91 Resp: 349615  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.3 78.9  
134 24.7 12.3 36.8



#90  
Hexachloroethane  
Concen: 53.882 ug/l  
RT: 14.052 min Scan# 2088  
Delta R.T. 0.001 min  
Lab File: VD080338.D  
Acq: 15 May 2025 10:21

Tgt Ion: 117 Resp: 72348  
Ion Ratio Lower Upper  
117 100  
201 75.2 37.5 112.5

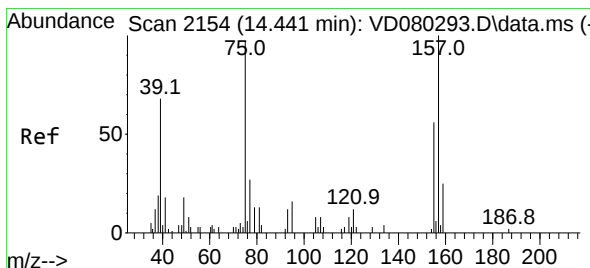
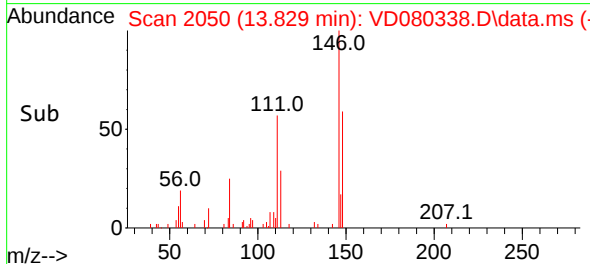
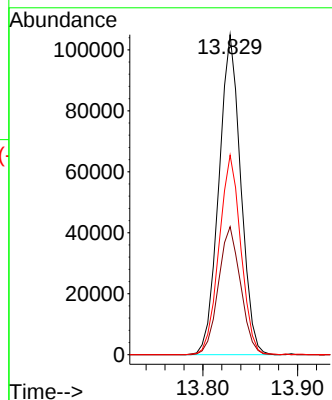
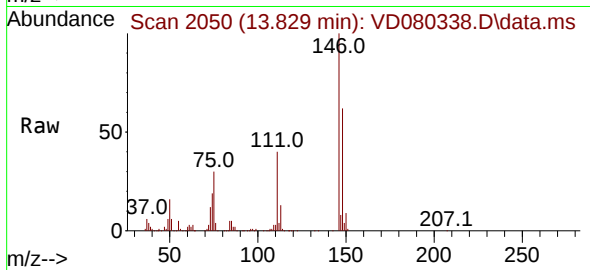




#91  
 1,2-Dichlorobenzene  
 Concen: 54.404 ug/l  
 RT: 13.829 min Scan# 2050  
 Delta R.T. 0.001 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

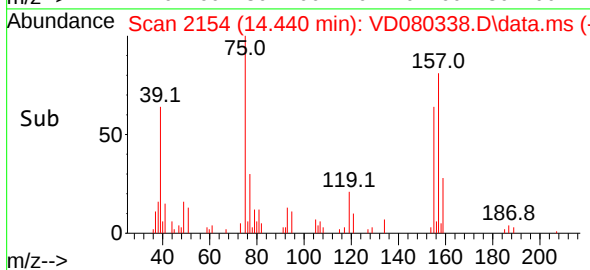
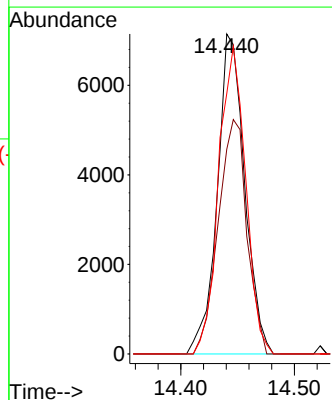
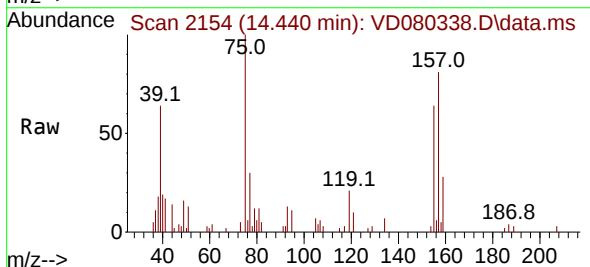
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

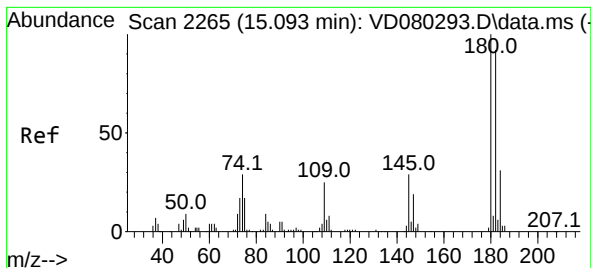
Tgt Ion:146 Resp: 168185  
 Ion Ratio Lower Upper  
 146 100  
 111 40.5 20.6 61.8  
 148 62.1 32.7 98.1



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.928 ug/l  
 RT: 14.440 min Scan# 2154  
 Delta R.T. 0.000 min  
 Lab File: VD080338.D  
 Acq: 15 May 2025 10:21

Tgt Ion: 75 Resp: 11973  
 Ion Ratio Lower Upper  
 75 100  
 155 76.7 40.6 122.0  
 157 94.3 53.3 159.9





#93

1,2,4-Trichlorobenzene

Concen: 53.819 ug/l

RT: 15.099 min Scan# 2265

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

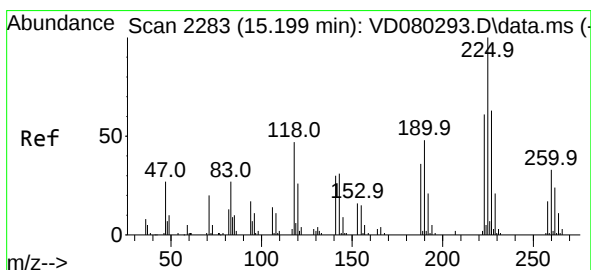
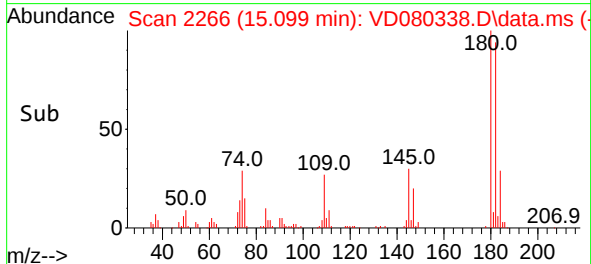
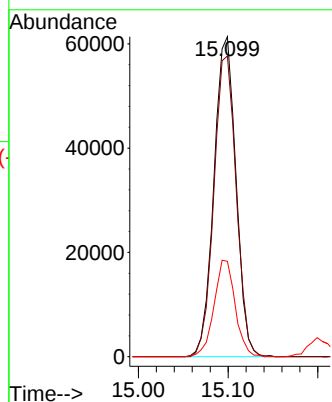
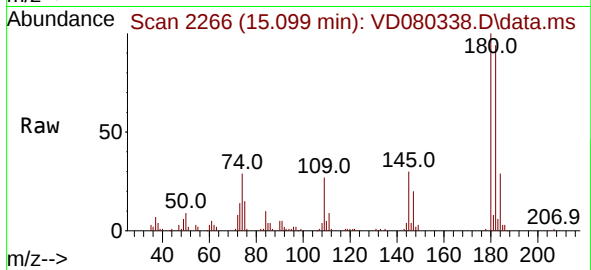
Tgt Ion:180 Resp: 104633

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

145 29.0 14.7 44.1



#94

Hexachlorobutadiene

Concen: 55.602 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

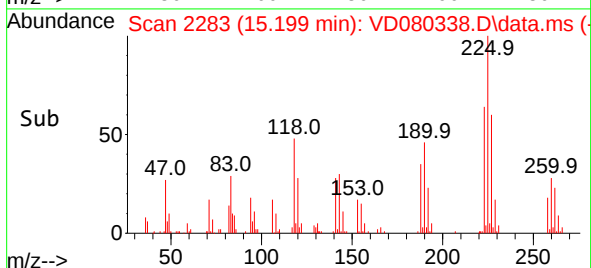
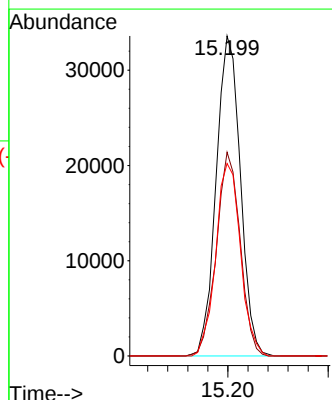
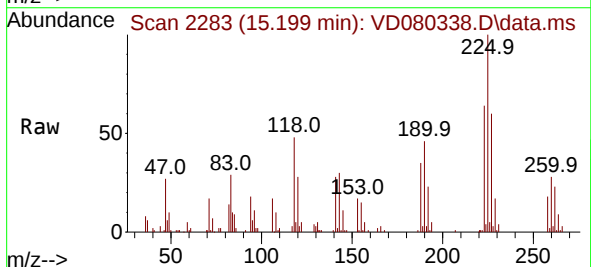
Tgt Ion:225 Resp: 56239

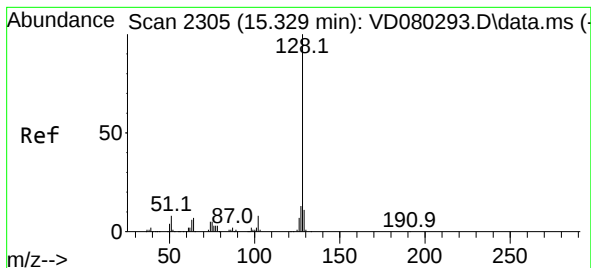
Ion Ratio Lower Upper

225 100

223 62.5 31.5 94.5

227 61.5 30.9 92.5





#95

Naphthalene

Concen: 52.553 ug/l

RT: 15.329 min Scan# 2305

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

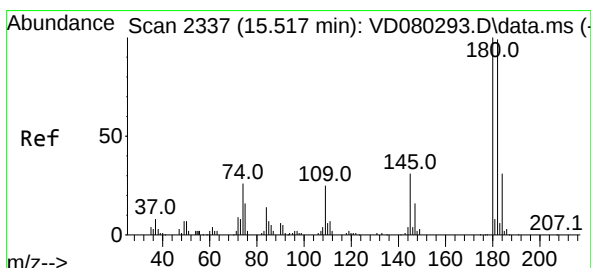
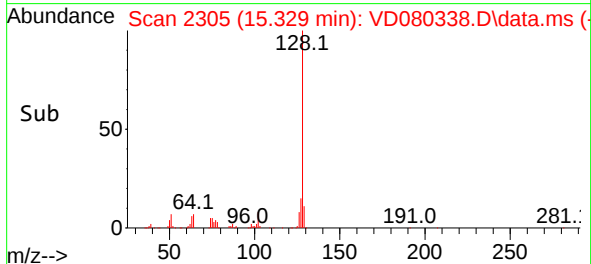
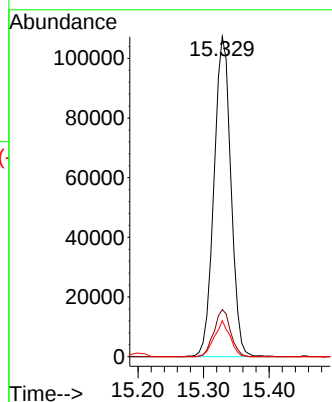
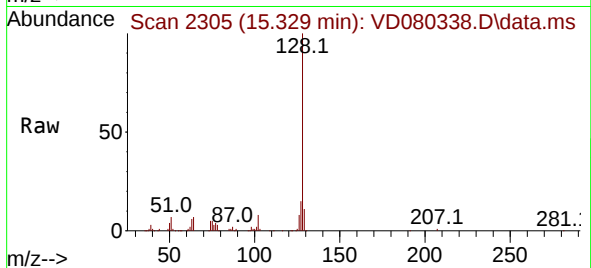
Tgt Ion:128 Resp: 191844

Ion Ratio Lower Upper

128 100

127 14.7 11.8 17.8

129 11.3 8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 53.806 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD080338.D

Acq: 15 May 2025 10:21

Tgt Ion:180 Resp: 93558

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.6

145 31.2 15.7 47.0

