

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121522\  
 Data File : VD075027.D  
 Acq On : 15 Dec 2022 14:36  
 Operator : KP/SY  
 Sample : VSTDICC100  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC100

Quant Time: Dec 16 05:03:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D121522S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 16 05:00:18 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.875  | 168  | 177664   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.781  | 114  | 290661   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.587 | 117  | 264184   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.522 | 152  | 125041   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.234  | 65    | 149800   | 102.345  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 204.680%# |      |
| 35) Dibromofluoromethane    | 7.810  | 113   | 209307   | 106.757  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 213.520%# |      |
| 50) Toluene-d8              | 10.269 | 98    | 723170   | 103.256  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 206.520%# |      |
| 62) 4-Bromofluorobenzene    | 12.575 | 95    | 215564   | 104.955  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 209.920%# |      |

|                              |       |     |          |         |        |     |
|------------------------------|-------|-----|----------|---------|--------|-----|
| Target Compounds             |       |     |          |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.934 | 85  | 98439    | 86.176  | ug/l   | 98  |
| 3) Chloromethane             | 2.146 | 50  | 156544   | 83.573  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.281 | 62  | 207958   | 90.433  | ug/l   | 98  |
| 5) Bromomethane              | 2.675 | 94  | 160785   | 84.786  | ug/l   | 97  |
| 6) Chloroethane              | 2.834 | 64  | 159208   | 93.217  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.175 | 101 | 263745   | 92.962  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.593 | 74  | 86291    | 102.755 | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.969 | 101 | 178755   | 95.862  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.169 | 142 | 223237   | 110.547 | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.058 | 59  | 47702    | 511.417 | ug/l # | 88  |
| 12) 1,1-Dichloroethene       | 3.940 | 96  | 170472   | 97.414  | ug/l   | 98  |
| 13) Acrolein                 | 3.799 | 56  | 94264    | 515.947 | ug/l   | 99  |
| 14) Allyl chloride           | 4.564 | 41  | 203225   | 101.262 | ug/l   | 98  |
| 15) Acrylonitrile            | 5.258 | 53  | 187140   | 530.748 | ug/l   | 99  |
| 16) Acetone                  | 4.022 | 43  | 200591   | 566.878 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.275 | 76  | 369881   | 91.700  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.564 | 43  | 85855    | 87.344  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.316 | 73  | 397011   | 106.164 | ug/l   | 97  |
| 20) Methylene Chloride       | 4.805 | 84  | 214347   | 55.415  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.316 | 96  | 187575   | 96.491  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.216 | 45  | 478818   | 105.883 | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.158 | 43  | 1009285m | 637.389 | ug/l   |     |
| 24) 1,1-Dichloroethane       | 6.116 | 63  | 318816   | 96.692  | ug/l   | 99  |
| 25) 2-Butanone               | 7.087 | 43  | 237740   | 544.407 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.081 | 77  | 296245   | 98.559  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.081 | 96  | 231860   | 100.726 | ug/l   | 98  |
| 28) Bromochloromethane       | 7.428 | 49  | 105150   | 102.856 | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.440 | 42  | 125439   | 555.407 | ug/l   | 99  |
| 30) Chloroform               | 7.599 | 83  | 354707   | 103.577 | ug/l   | 99  |
| 31) Cyclohexane              | 7.881 | 56  | 205730   | 91.417  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.793 | 97  | 304273   | 104.818 | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.010 | 75  | 207623   | 94.056  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.175 | 43  | 90402    | 103.210 | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.993 | 117 | 197970   | 99.153  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.275 | 83  | 241527   | 100.382 | ug/l   | 97  |
| 40) Benzene                  | 8.252 | 78  | 631331   | 96.709  | ug/l   | 97  |

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 Sample : VSTDICC100  
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC100

Quant Time: Dec 16 05:03:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D121522S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 16 05:00:18 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.405  | 41   | 49478    | 102.271  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 154642   | 96.078   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.363  | 43   | 153961   | 104.741  | ug/l   | 99       |
| 44) Trichloroethene           | 9.028  | 130  | 177027   | 96.858   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 159791   | 98.037   | ug/l   | 96       |
| 46) Dibromomethane            | 9.393  | 93   | 86934    | 97.203   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.587  | 83   | 223104   | 97.878   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.381  | 41   | 71204    | 103.973  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 19066    | 2167.839 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.163 | 43   | 409282   | 534.576  | ug/l   | 98       |
| 52) Toluene                   | 10.334 | 92   | 422148   | 98.434   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.557 | 75   | 207106   | 104.300  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 250246   | 101.532  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.740 | 97   | 126800   | 98.408   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.599 | 69   | 155293   | 109.241  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 209283   | 99.791   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.875  | 63   | 284168   | 610.309  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.922 | 43   | 307791   | 558.269  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.075 | 129  | 152424   | 101.075  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 117305   | 100.146  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.810 | 164  | 143787   | 92.322   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.610 | 112  | 459365   | 96.495   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 168030   | 98.461   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.687 | 91   | 847314   | 102.211  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.793 | 106  | 656503   | 202.522  | ug/l   | 100      |
| 69) o-Xylene                  | 12.122 | 106  | 309788   | 101.605  | ug/l   | 98       |
| 70) Styrene                   | 12.140 | 104  | 539796   | 102.379  | ug/l   | 99       |
| 71) Bromoform                 | 12.298 | 173  | 86532    | 99.438   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.422 | 105  | 827841   | 101.168  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.234 | 43   | 147988   | 106.086  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 145216   | 97.248   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.728 | 75   | 101270m  | 64.129   | ug/l   |          |
| 77) Bromobenzene              | 12.704 | 156  | 184792   | 99.158   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.763 | 91   | 998807   | 99.852   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 540956   | 98.178   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 679501   | 100.031  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 39954    | 102.713  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.951 | 91   | 553664   | 97.073   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.169 | 119  | 596055   | 101.663  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 678283   | 100.747  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.345 | 105  | 922184   | 100.856  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 771829   | 102.205  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 384284   | 97.184   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.540 | 146  | 369706   | 95.105   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.787 | 91   | 716618   | 101.178  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.057 | 117  | 135100   | 99.516   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.834 | 146  | 327596   | 96.602   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 20114    | 101.110  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.104 | 180  | 206199   | 100.740  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.210 | 225  | 107519   | 98.978   | ug/l   | 99       |
| 95) Naphthalene               | 15.334 | 128  | 407327   | 106.788  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 180184   | 100.595  | ug/l   | 98       |

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Sample : VSTDICC100  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D121522S.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 16 05:00:18 2022  
Response via : Initial Calibration

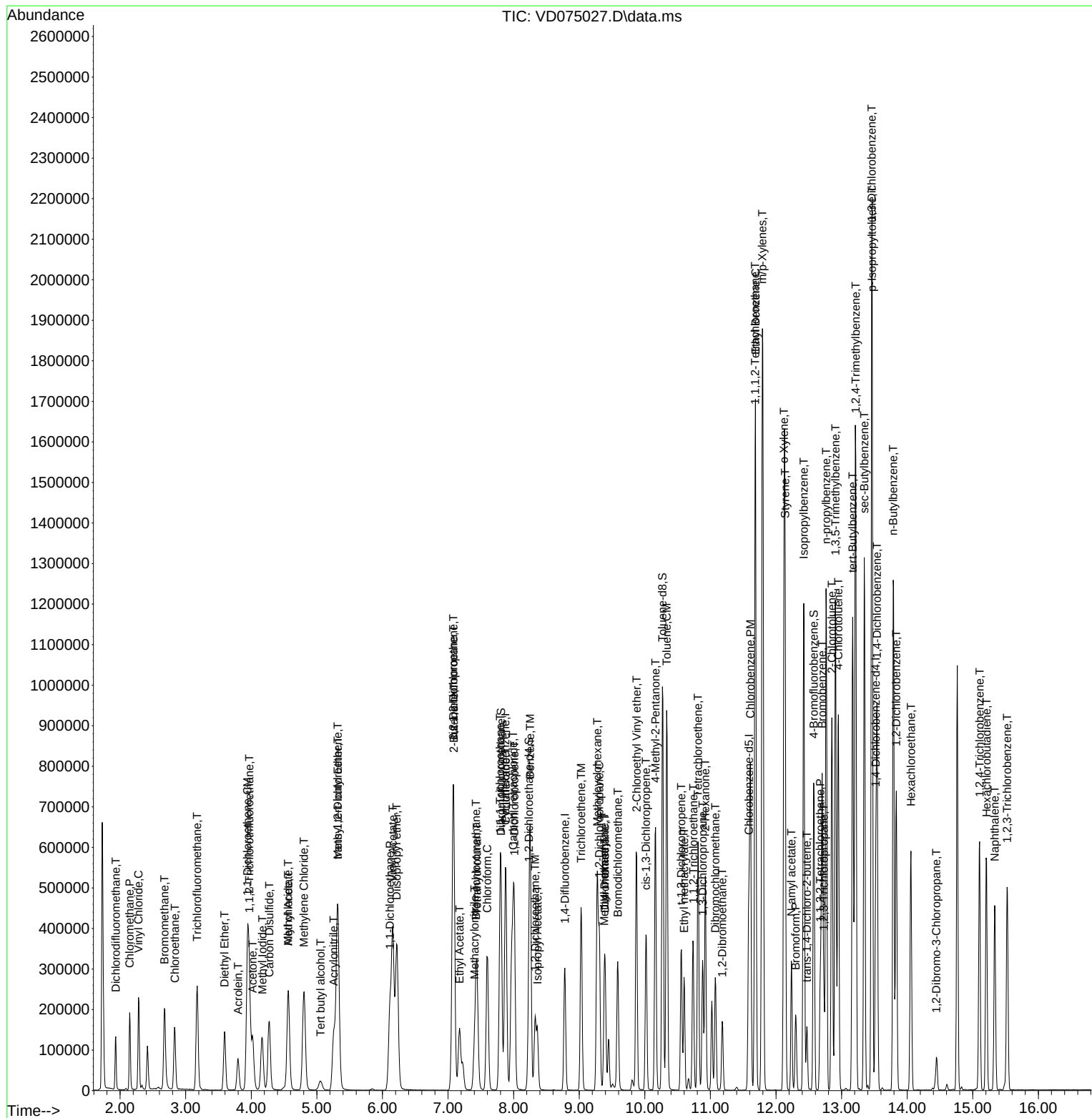
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

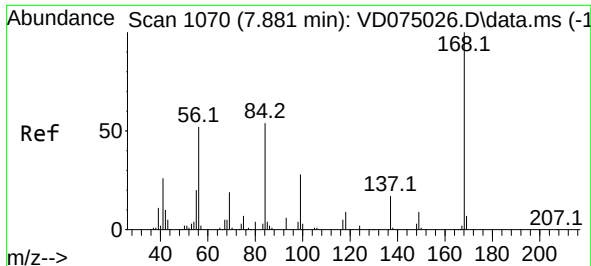
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : VSTDICC100  
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 ALS Vial : 7 Sample Multiplier: 1

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 QLast Update : Fri Dec 16 05:00:18 2022  
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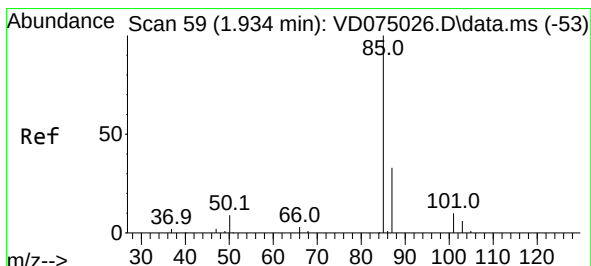
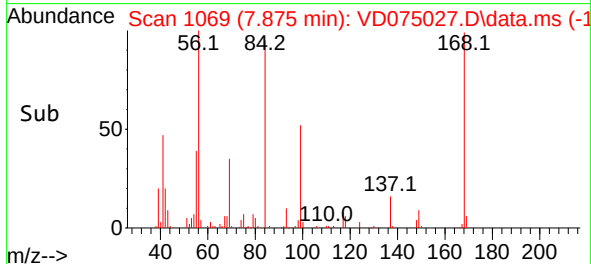
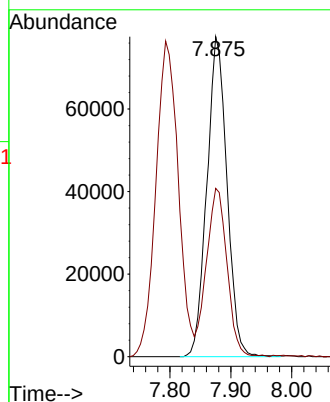
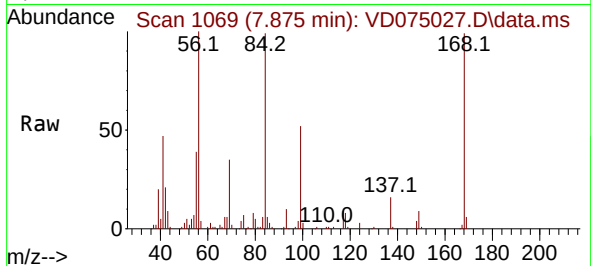




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

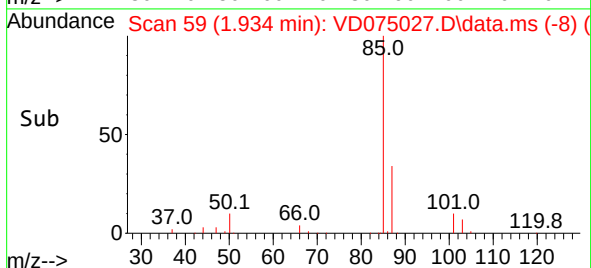
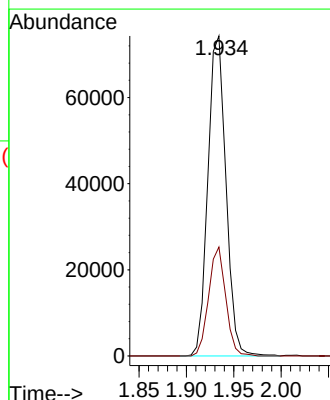
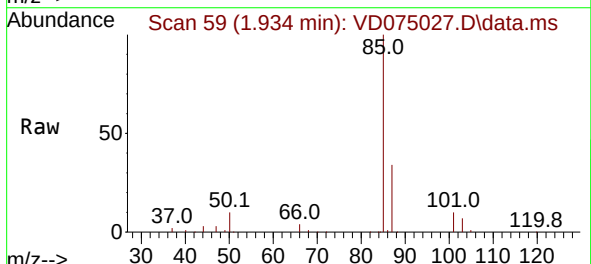
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

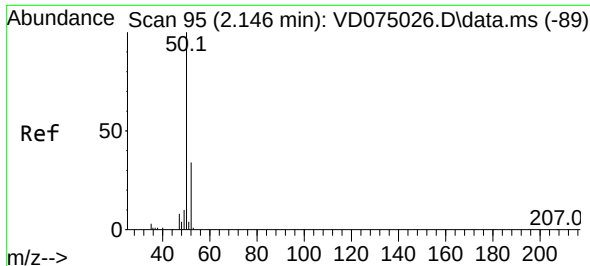
Tgt Ion:168 Resp: 177664  
Ion Ratio Lower Upper  
168 100  
99 52.2 40.3 60.5



#2  
Dichlorodifluoromethane  
Concen: 86.176 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 85 Resp: 98439  
Ion Ratio Lower Upper  
85 100  
87 34.0 16.5 49.5

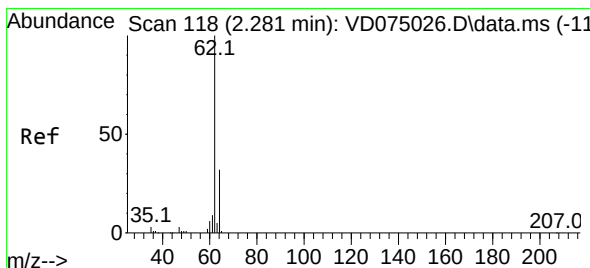
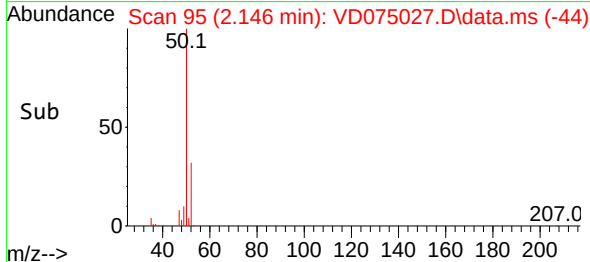
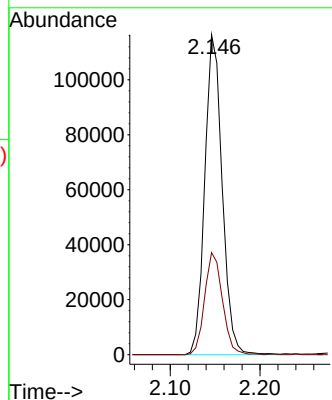
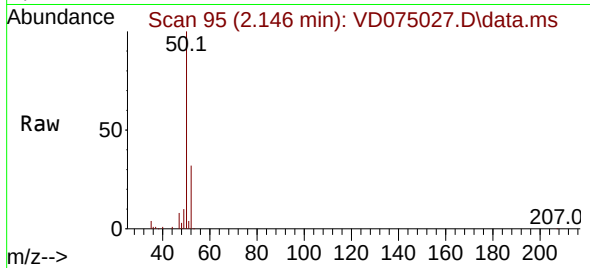




#3  
Chloromethane  
Concen: 83.573 ug/l  
RT: 2.146 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

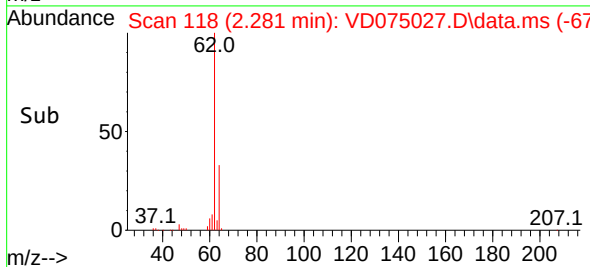
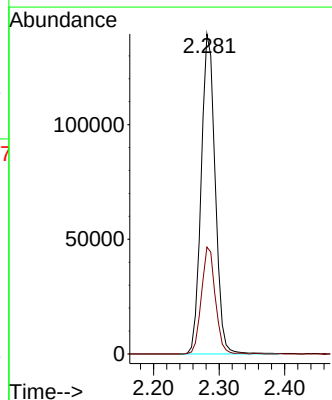
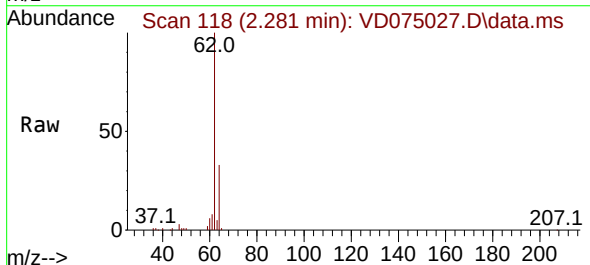
Instrument :  
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ClientSampleId :  
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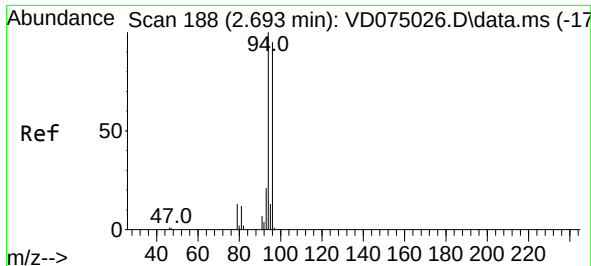
Tgt Ion: 50 Resp: 156544  
Ion Ratio Lower Upper  
50 100  
52 31.9 27.2 40.8



#4  
Vinyl Chloride  
Concen: 90.433 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 62 Resp: 207958  
Ion Ratio Lower Upper  
62 100  
64 33.4 25.8 38.6

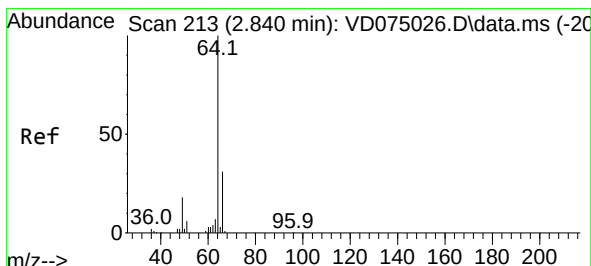
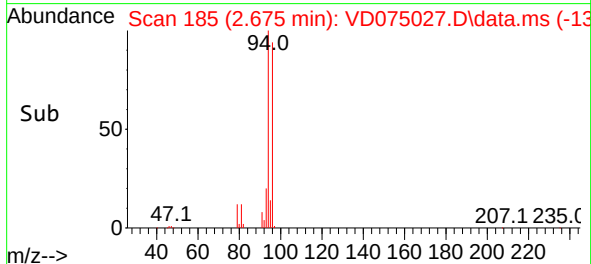
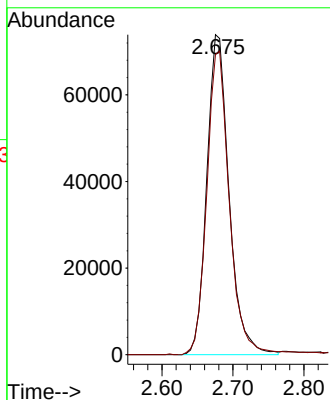
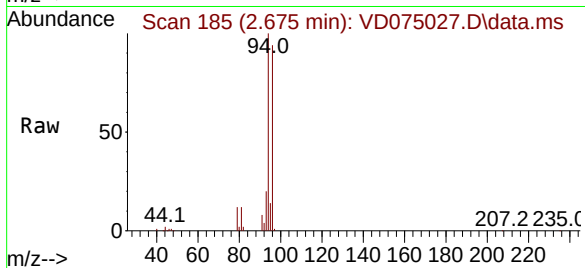




#5  
Bromomethane  
Concen: 84.786 ug/l  
RT: 2.675 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

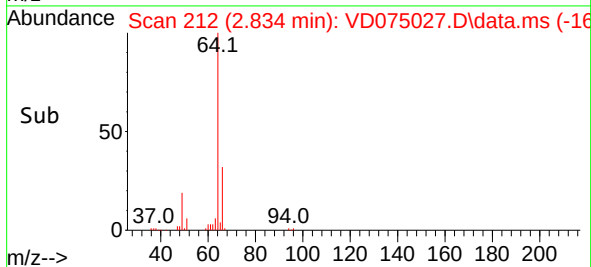
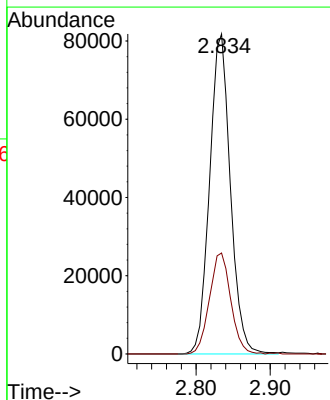
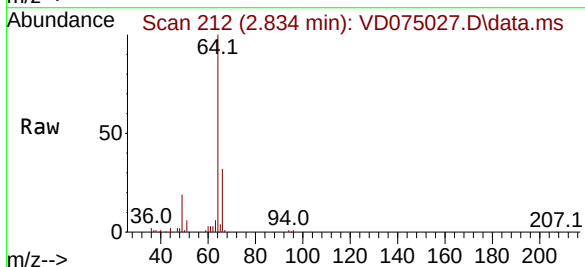
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

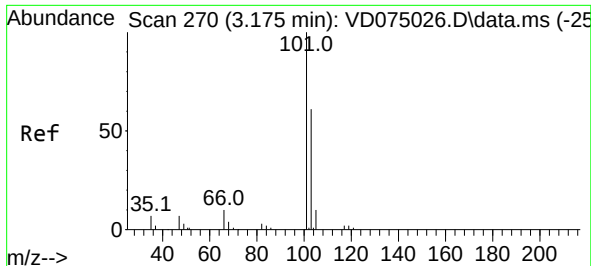
Tgt Ion: 94 Resp: 160785  
Ion Ratio Lower Upper  
94 100  
96 97.2 75.2 112.8



#6  
Chloroethane  
Concen: 93.217 ug/l  
RT: 2.834 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 64 Resp: 159208  
Ion Ratio Lower Upper  
64 100  
66 31.6 25.1 37.7

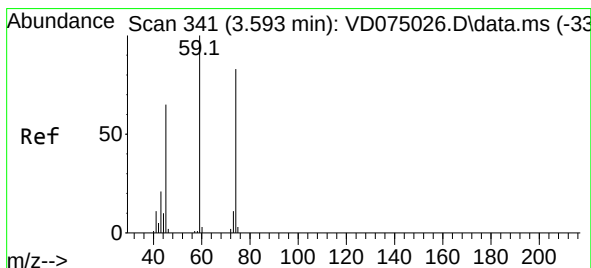
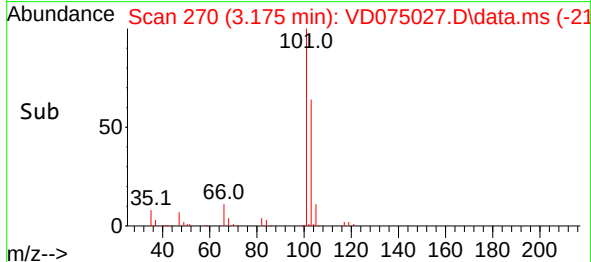
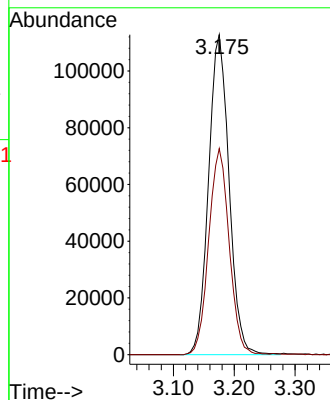
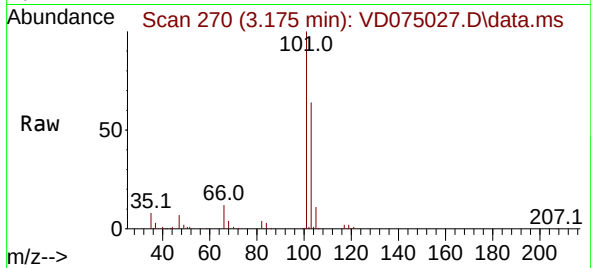




#7  
 Trichlorofluoromethane  
 Concen: 92.962 ug/l  
 RT: 3.175 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VD075027.D  
 Acq: 15 Dec 2022 14:36

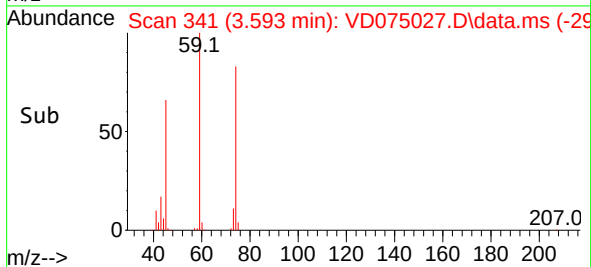
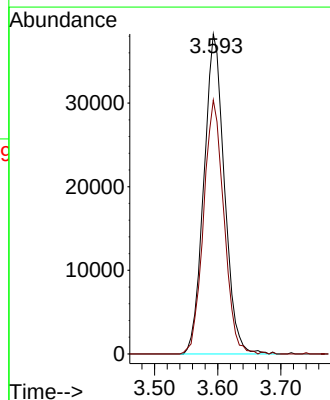
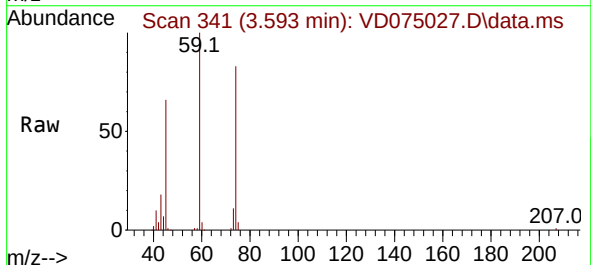
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

Tgt Ion:101 Resp: 263745  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 49.1 73.7

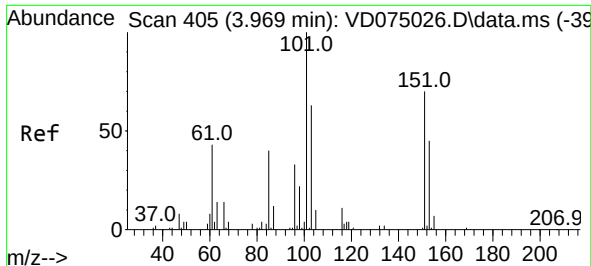


#8  
 Diethyl Ether  
 Concen: 102.755 ug/l  
 RT: 3.593 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VD075027.D  
 Acq: 15 Dec 2022 14:36

Tgt Ion: 74 Resp: 86291  
 Ion Ratio Lower Upper  
 74 100  
 45 78.6 40.2 120.5





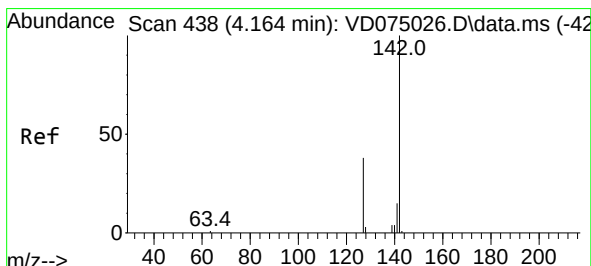
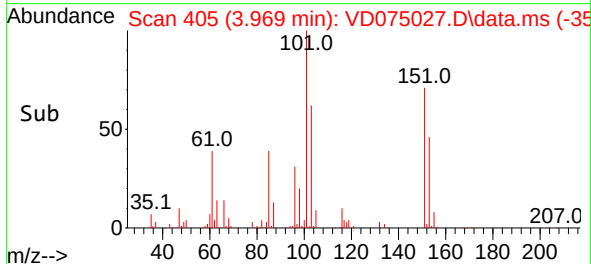
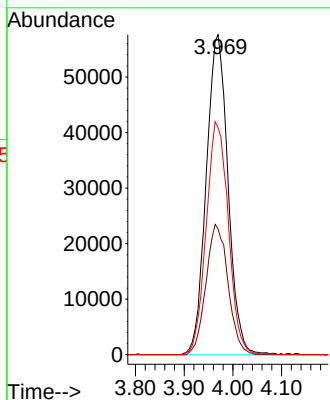
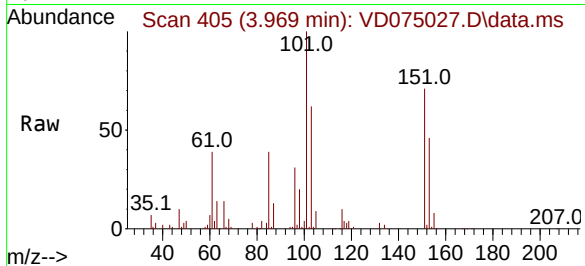


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 95.862 ug/l  
 RT: 3.969 min Scan# 405  
 Delta R.T. 0.000 min  
 Lab File: VD075027.D  
 Acq: 15 Dec 2022 14:36

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

Tgt Ion:101 Resp: 178755  

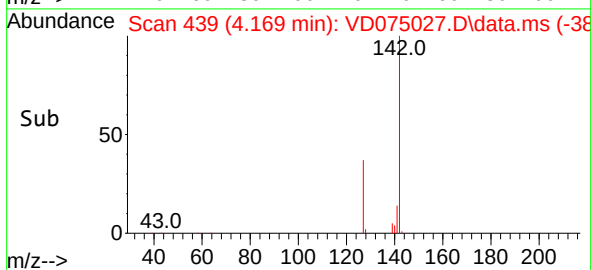
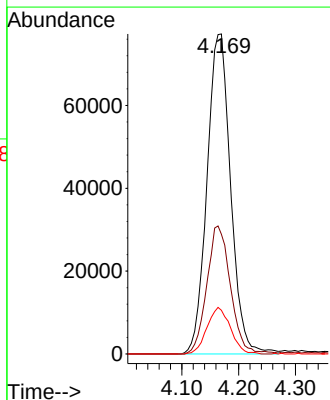
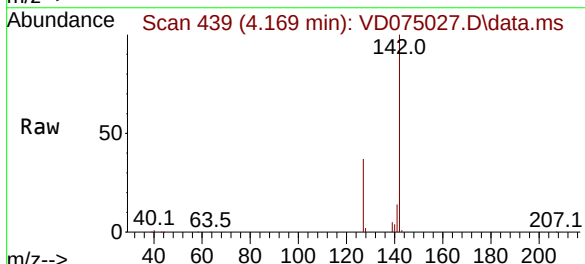
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 41.2  | 33.4  | 50.0  |
| 151 | 74.1  | 58.9  | 88.3  |

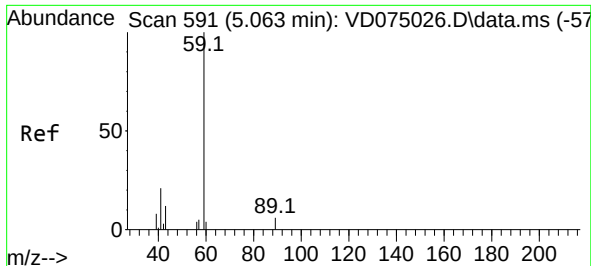


#10  
 Methyl Iodide  
 Concen: 110.547 ug/l  
 RT: 4.169 min Scan# 439  
 Delta R.T. 0.006 min  
 Lab File: VD075027.D  
 Acq: 15 Dec 2022 14:36

Tgt Ion:142 Resp: 223237  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 40.0  | 31.4  | 47.2  |
| 141 | 14.4  | 11.4  | 17.2  |

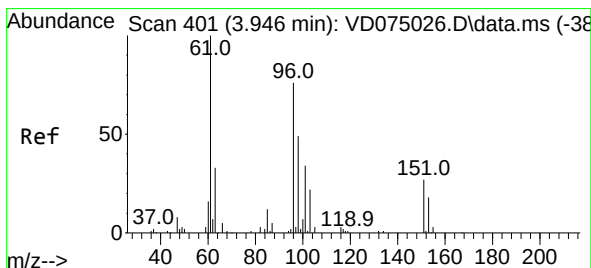
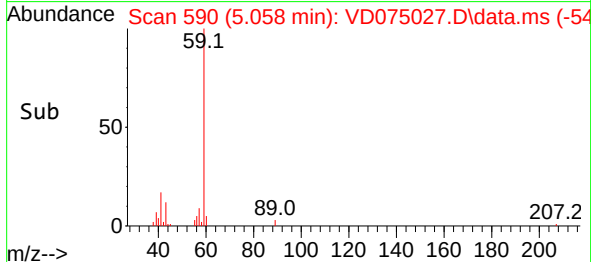
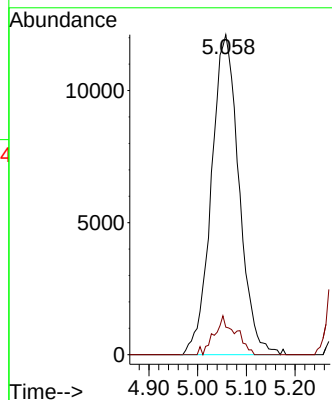
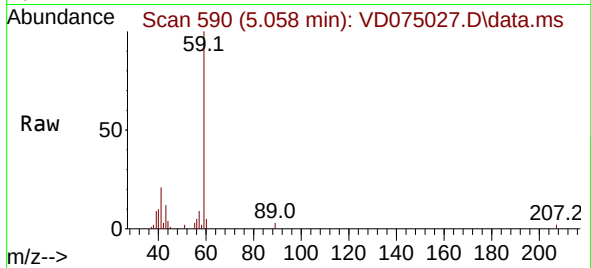




#11  
Tert butyl alcohol  
Concen: 511.417 ug/l  
RT: 5.058 min Scan# 591  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

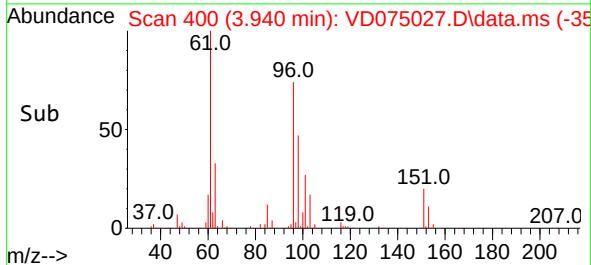
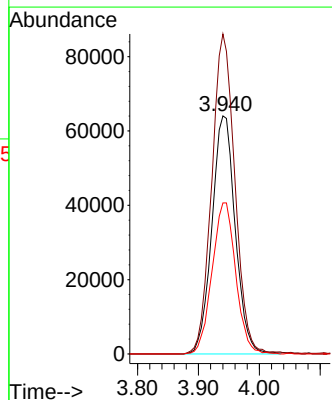
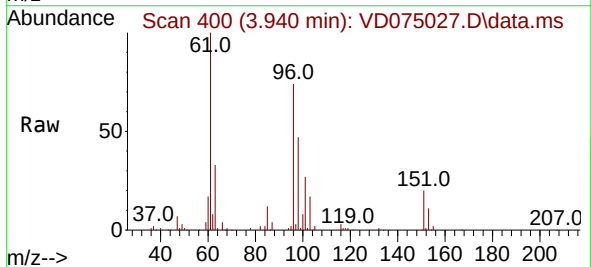
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

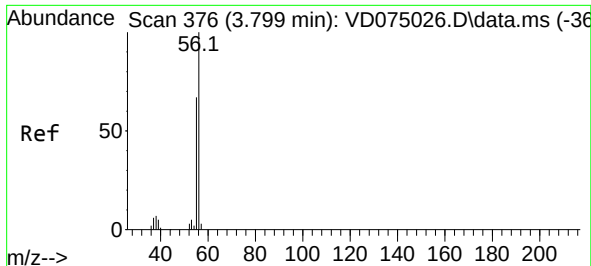
Tgt Ion: 59 Resp: 47702  
Ion Ratio Lower Upper  
59 100  
57 9.4 4.3 6.5#



#12  
1,1-Dichloroethene  
Concen: 97.414 ug/l  
RT: 3.940 min Scan# 400  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 96 Resp: 170472  
Ion Ratio Lower Upper  
96 100  
61 134.4 104.9 157.3  
98 63.4 51.8 77.8





#13

Acrolein

Concen: 515.947 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

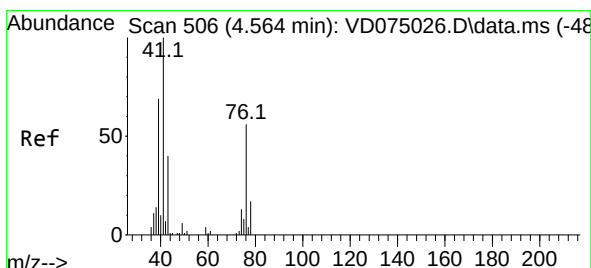
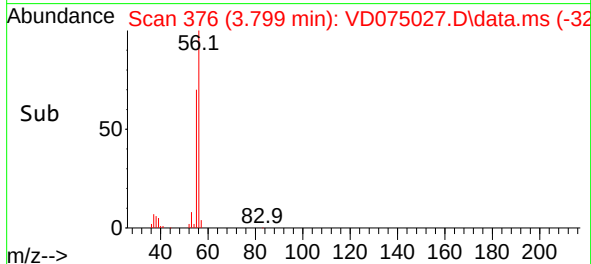
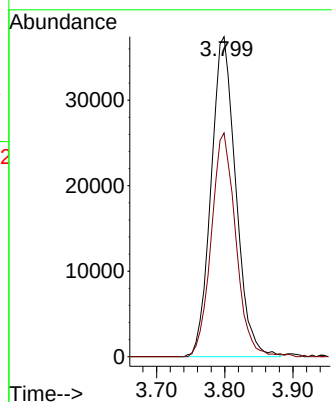
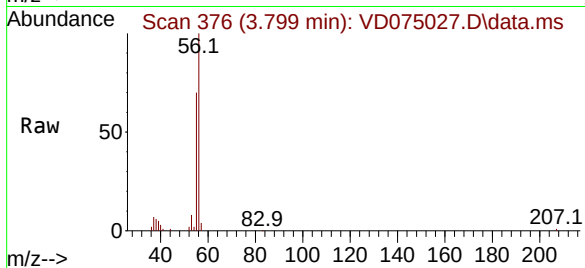
VSTDIC100

Tgt Ion: 56 Resp: 94264

Ion Ratio Lower Upper

56 100

55 69.5 56.6 84.8



#14

Allyl chloride

Concen: 101.262 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

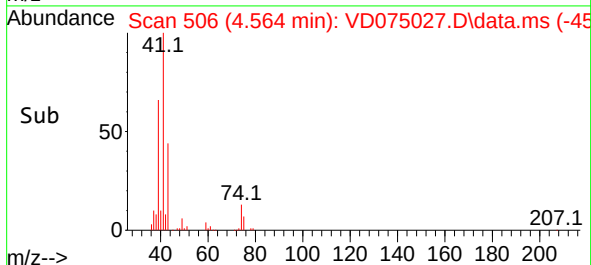
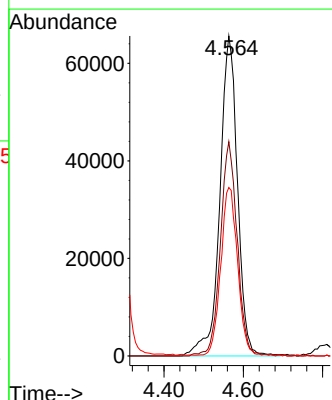
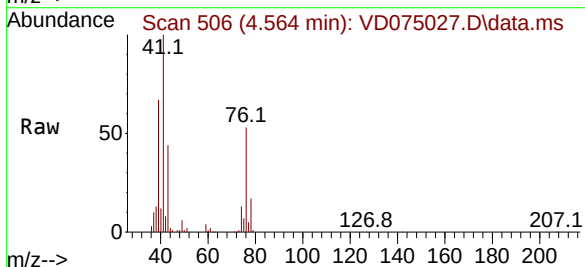
Tgt Ion: 41 Resp: 203225

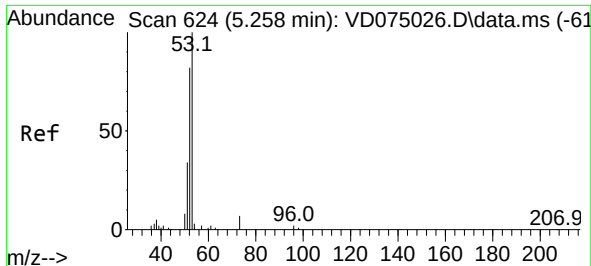
Ion Ratio Lower Upper

41 100

39 63.7 52.5 78.7

76 50.5 41.1 61.7

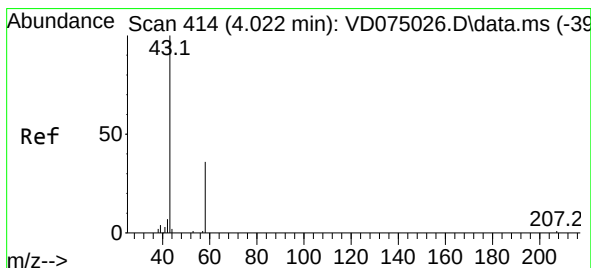
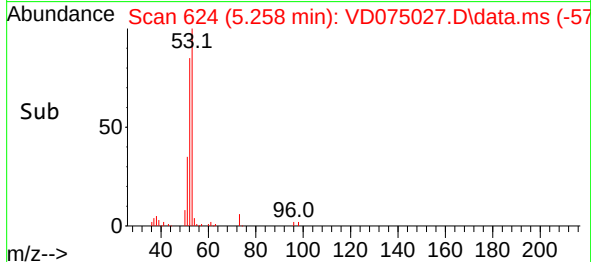
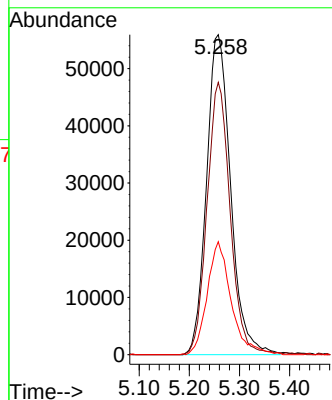
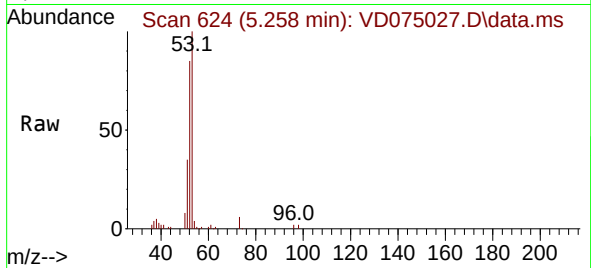




#15  
Acrylonitrile  
Concen: 530.748 ug/l  
RT: 5.258 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

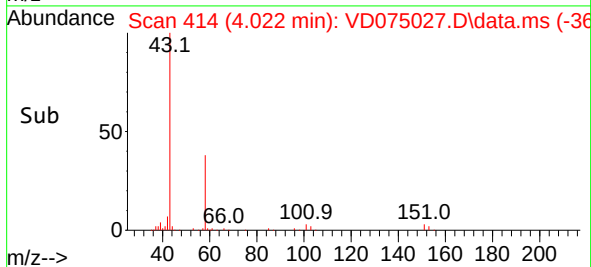
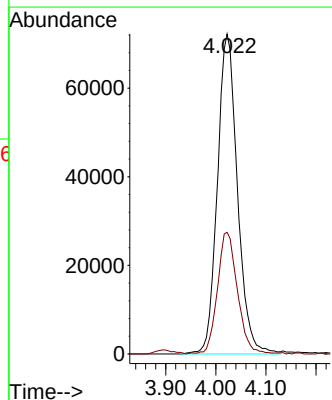
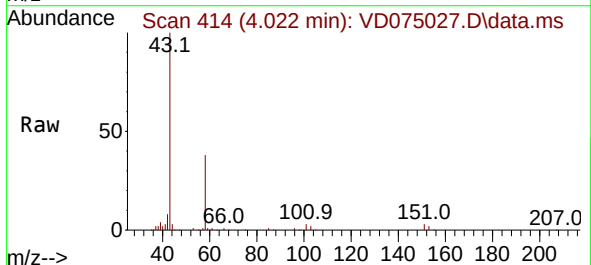
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

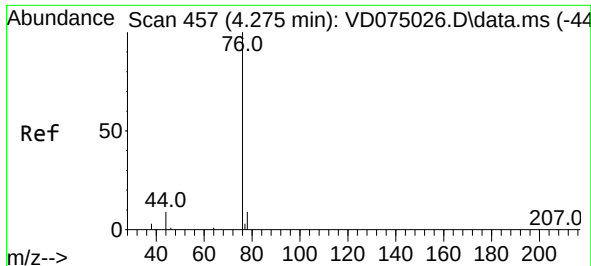
Tgt Ion: 53 Resp: 187140  
Ion Ratio Lower Upper  
53 100  
52 81.4 64.0 96.0  
51 35.2 27.8 41.8



#16  
Acetone  
Concen: 566.878 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 43 Resp: 200591  
Ion Ratio Lower Upper  
43 100  
58 37.7 28.6 43.0

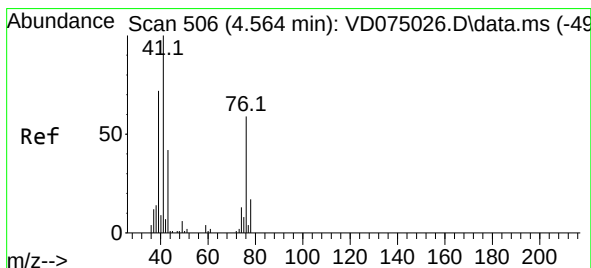
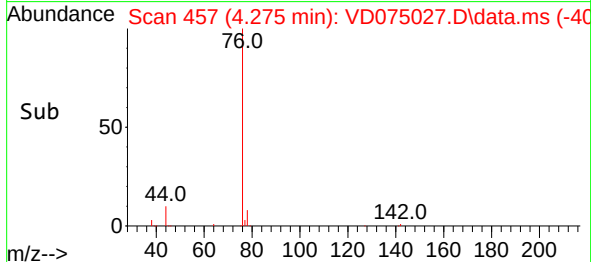
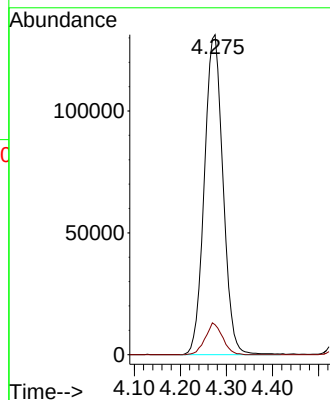
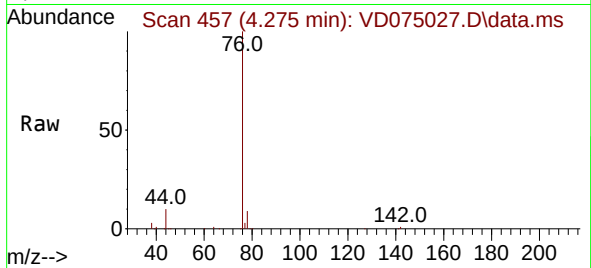




#17  
Carbon Disulfide  
Concen: 91.700 ug/l  
RT: 4.275 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

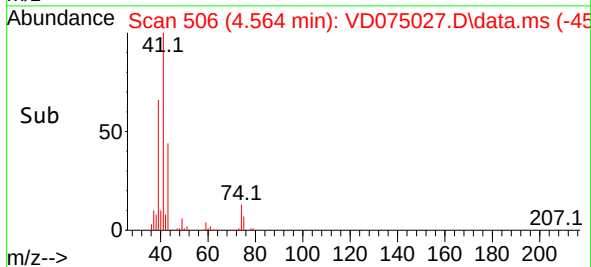
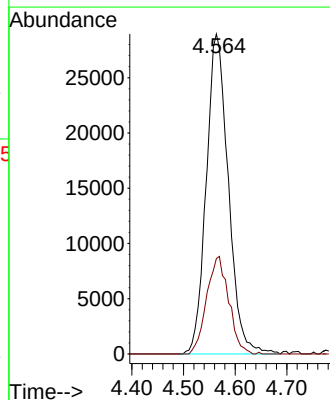
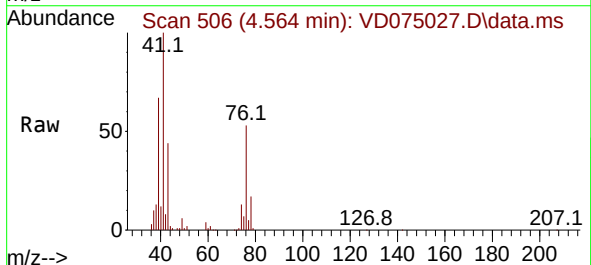
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

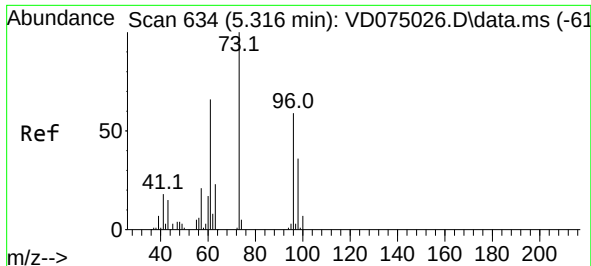
Tgt Ion: 76 Resp: 369881  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 87.344 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 43 Resp: 85855  
Ion Ratio Lower Upper  
43 100  
74 30.4 24.5 36.7

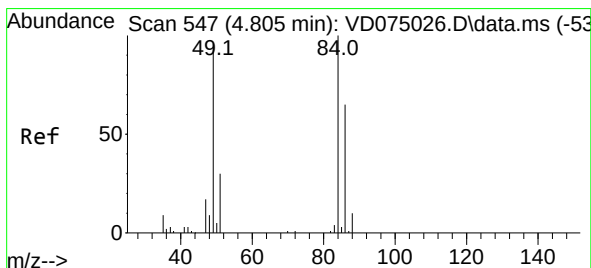
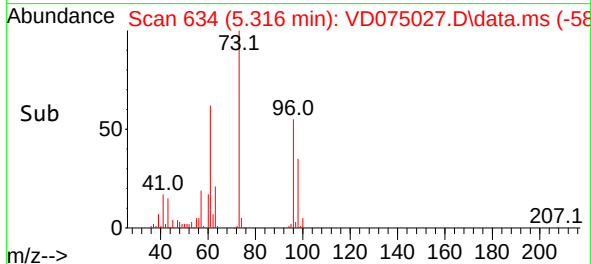
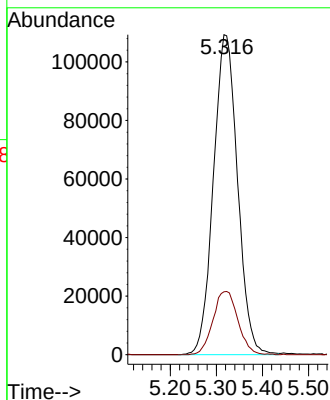
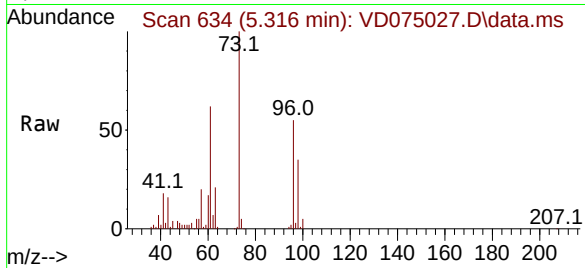




#19  
Methyl tert-butyl Ether  
Concen: 106.164 ug/l  
RT: 5.316 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

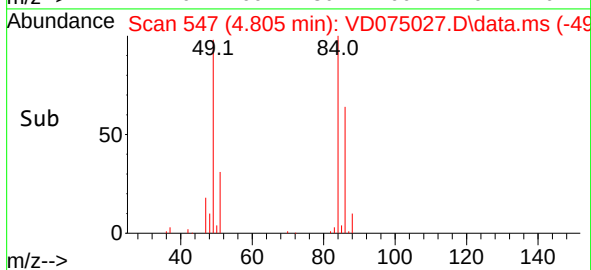
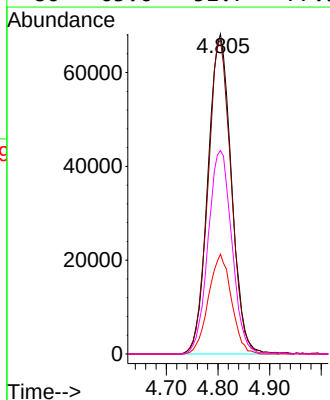
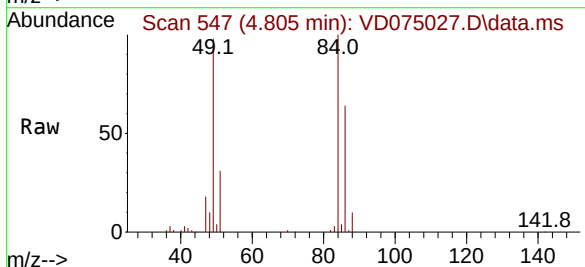
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

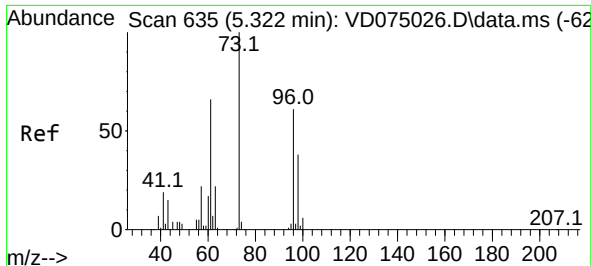
Tgt Ion: 73 Resp: 397011  
Ion Ratio Lower Upper  
73 100  
57 19.6 16.9 25.3



#20  
Methylene Chloride  
Concen: 55.415 ug/l  
RT: 4.805 min Scan# 547  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 84 Resp: 214347  
Ion Ratio Lower Upper  
84 100  
49 98.0 77.2 115.8  
51 31.2 24.1 36.1  
86 63.6 51.7 77.5

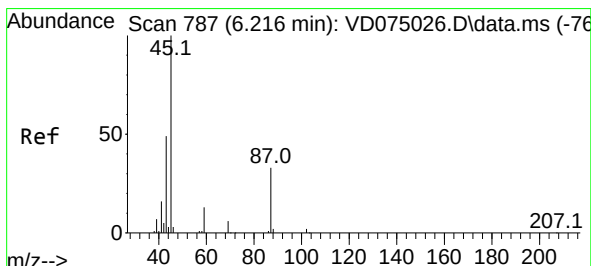
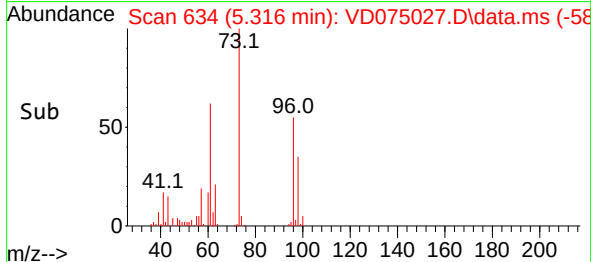
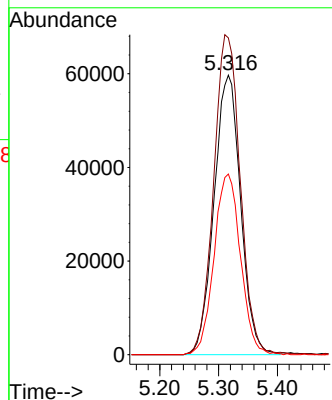
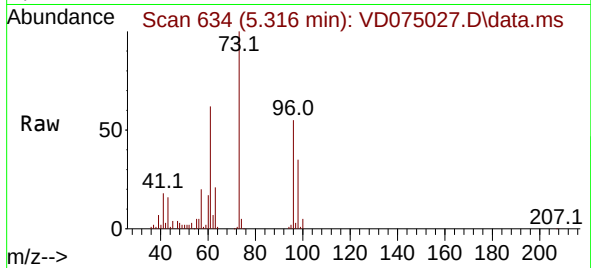




#21  
trans-1,2-Dichloroethene  
Concen: 96.491 ug/l  
RT: 5.316 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

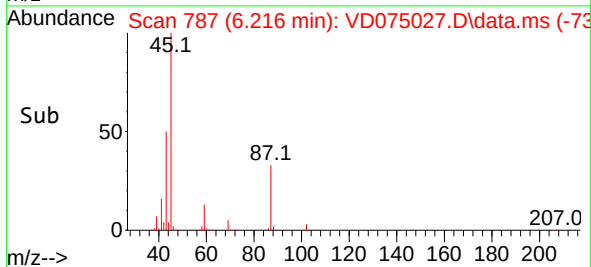
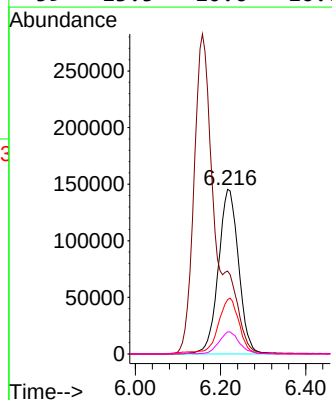
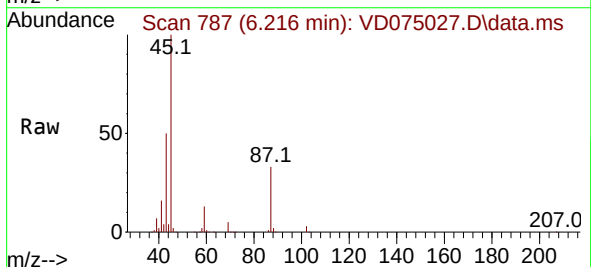
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

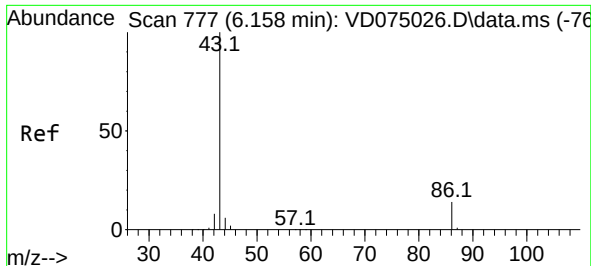
Tgt Ion: 96 Resp: 187575  
Ion Ratio Lower Upper  
96 100  
61 113.4 86.7 130.1  
98 64.6 49.8 74.8



#22  
Diisopropyl ether  
Concen: 105.883 ug/l  
RT: 6.216 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 45 Resp: 478818  
Ion Ratio Lower Upper  
45 100  
43 49.8 39.8 59.8  
87 32.9 27.5 41.3  
59 13.5 10.6 16.0

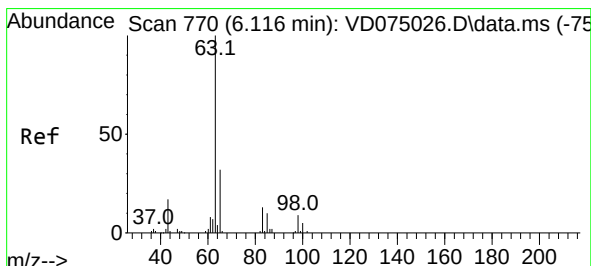
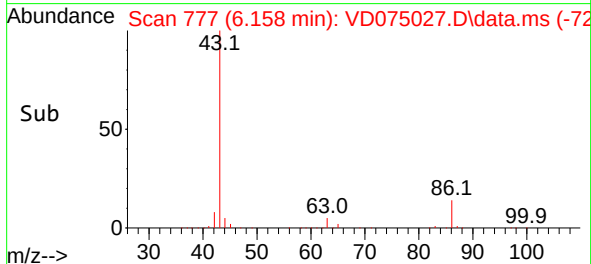
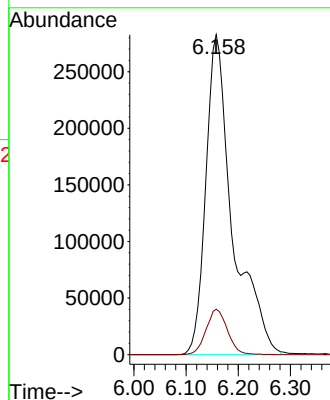
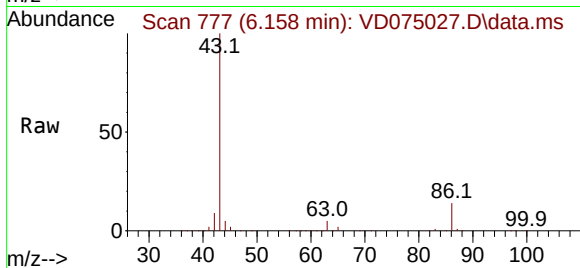




#23  
 Vinyl Acetate  
 Concen: 637.389 ug/l m  
 RT: 6.158 min Scan# 777  
 Delta R.T. 0.000 min  
 Lab File: VD075027.D  
 Acq: 15 Dec 2022 14:36

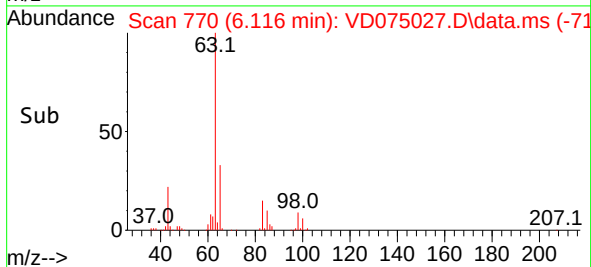
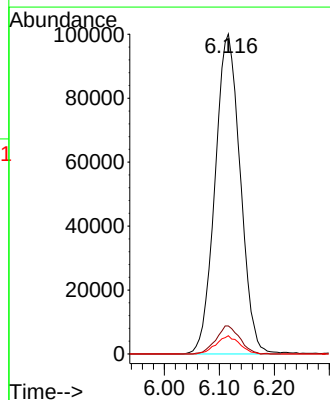
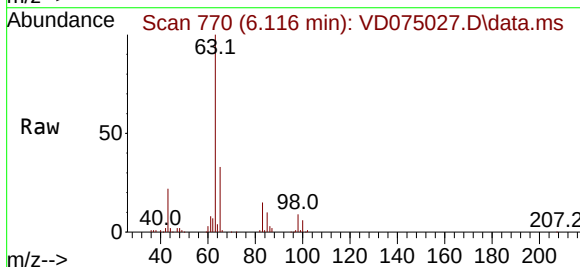
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 43 Resp: 1009285  
 Ion Ratio Lower Upper  
 43 100  
 86 14.2 11.4 17.0

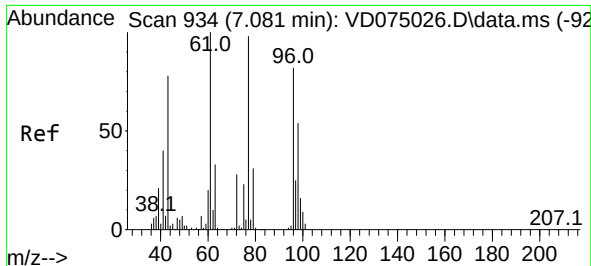


#24  
 1,1-Dichloroethane  
 Concen: 96.692 ug/l  
 RT: 6.116 min Scan# 770  
 Delta R.T. 0.000 min  
 Lab File: VD075027.D  
 Acq: 15 Dec 2022 14:36

Tgt Ion: 63 Resp: 318816  
 Ion Ratio Lower Upper  
 63 100  
 98 8.7 4.3 13.1  
 100 5.7 2.5 7.4



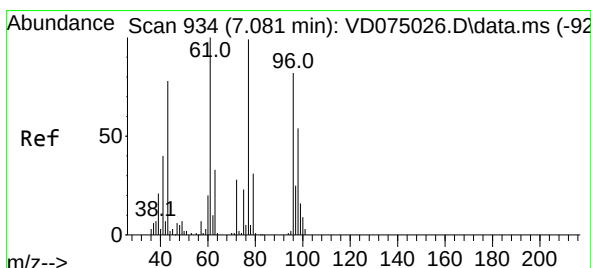
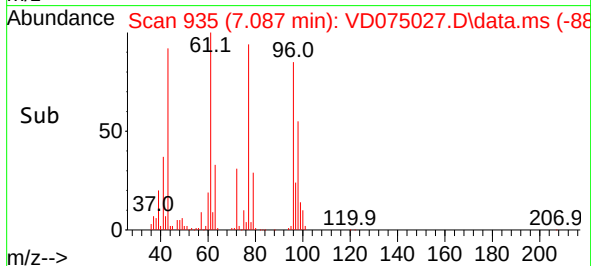
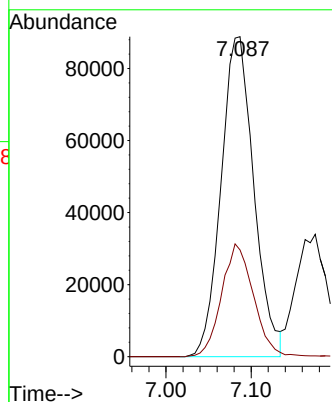
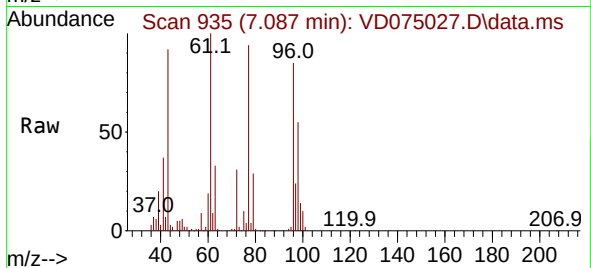




#25  
2-Butanone  
Concen: 544.407 ug/l  
RT: 7.087 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

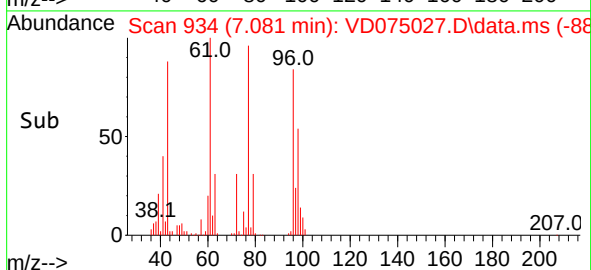
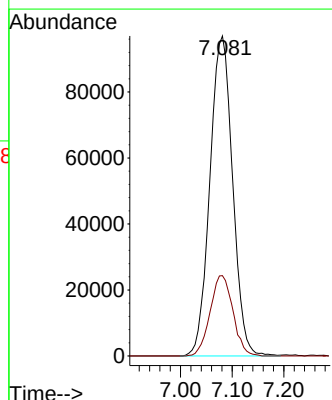
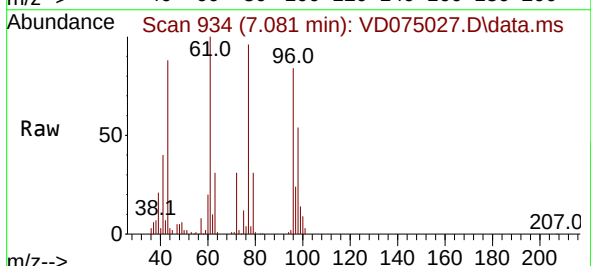
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

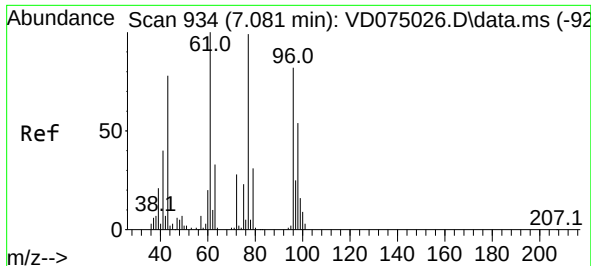
Tgt Ion: 43 Resp: 237740  
Ion Ratio Lower Upper  
43 100  
72 33.4 28.4 42.6



#26  
2,2-Dichloropropane  
Concen: 98.559 ug/l  
RT: 7.081 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 77 Resp: 296245  
Ion Ratio Lower Upper  
77 100  
97 25.2 12.6 37.6





#27

cis-1,2-Dichloroethene

Concen: 100.726 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

VSTDICC100

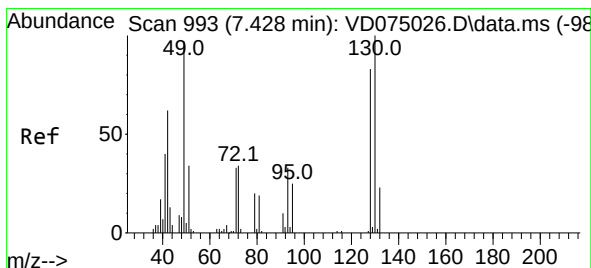
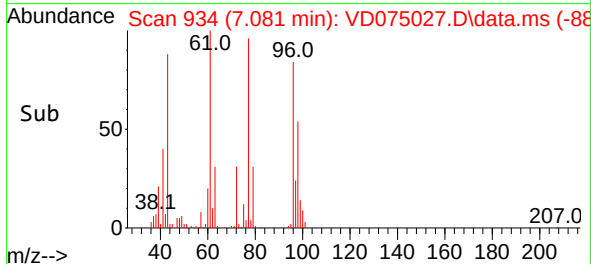
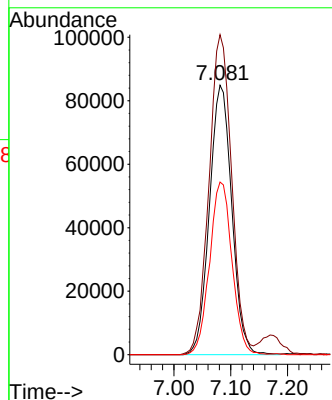
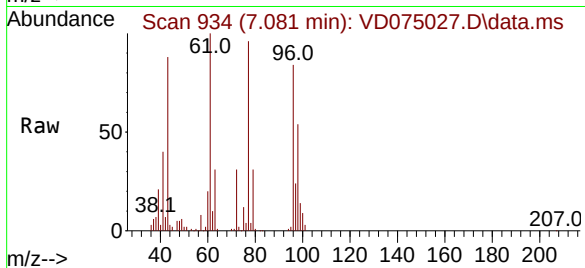
Tgt Ion: 96 Resp: 231860

Ion Ratio Lower Upper

96 100

61 120.6 0.0 244.6

98 64.2 0.0 131.0



#28

Bromochloromethane

Concen: 102.856 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

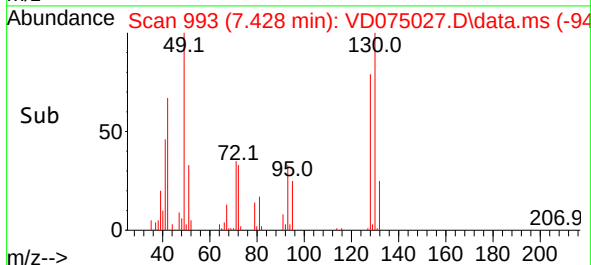
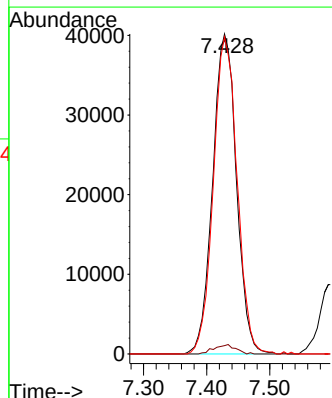
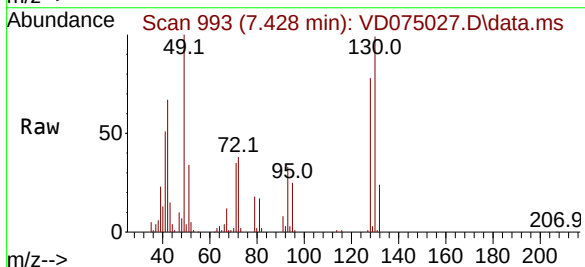
Tgt Ion: 49 Resp: 105150

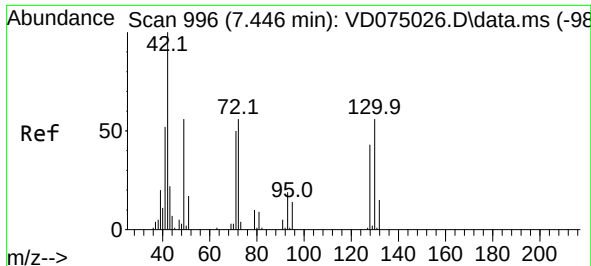
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

130 98.9 78.2 117.4

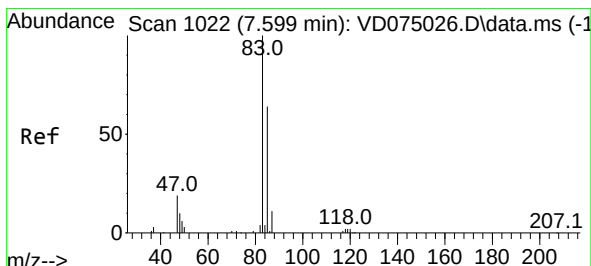
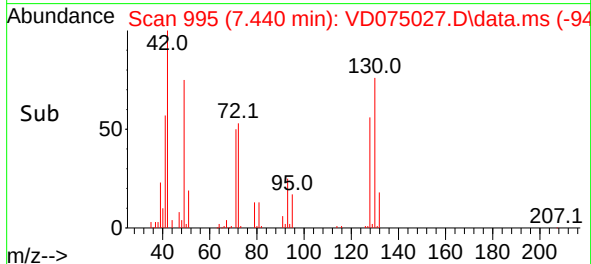
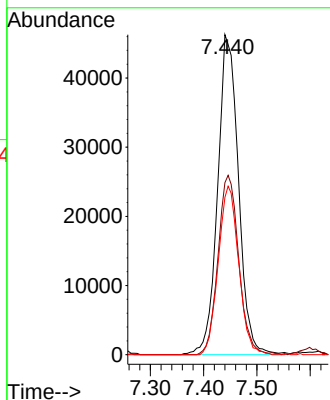
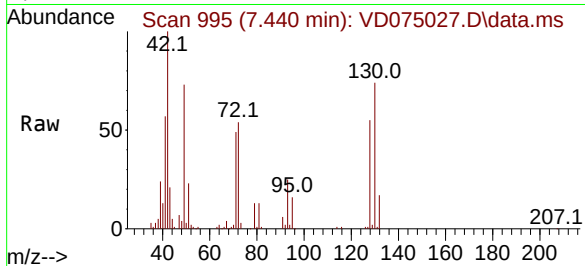




#29  
Tetrahydrofuran  
Concen: 555.407 ug/l  
RT: 7.440 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

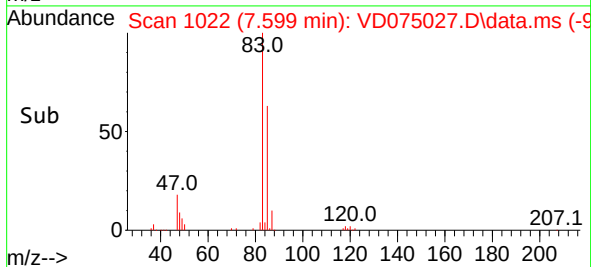
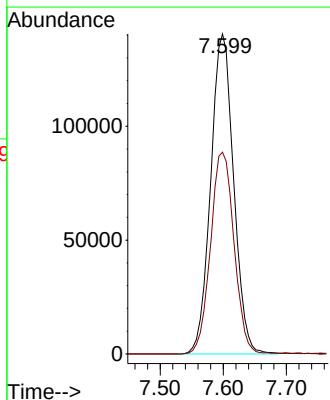
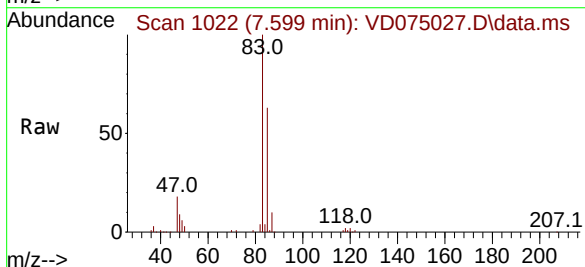
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

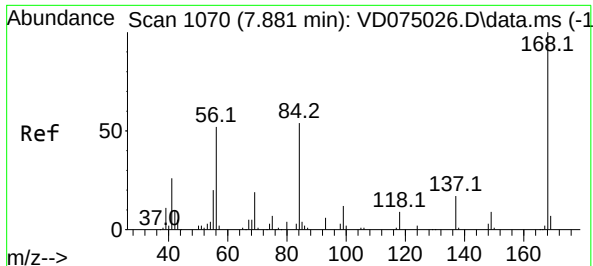
Tgt Ion: 42 Resp: 125439  
Ion Ratio Lower Upper  
42 100  
72 56.0 43.8 65.8  
71 51.7 41.1 61.7



#30  
Chloroform  
Concen: 103.577 ug/l  
RT: 7.599 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 83 Resp: 354707  
Ion Ratio Lower Upper  
83 100  
85 63.0 51.4 77.0

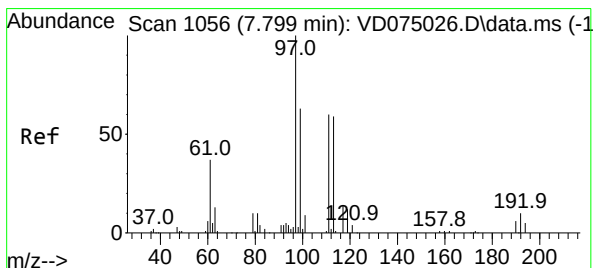
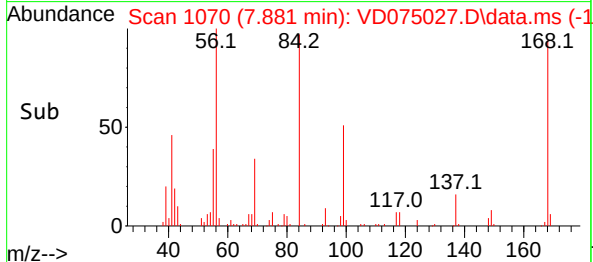
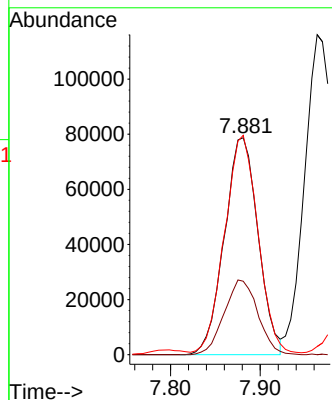
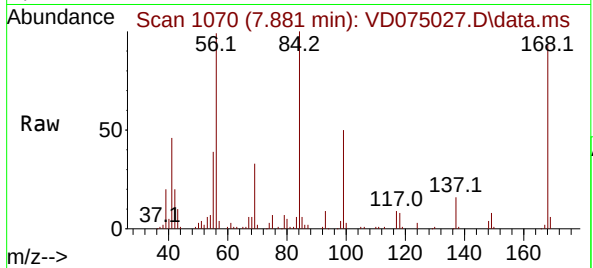




#31  
Cyclohexane  
Concen: 91.417 ug/l  
RT: 7.881 min Scan# 1070  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

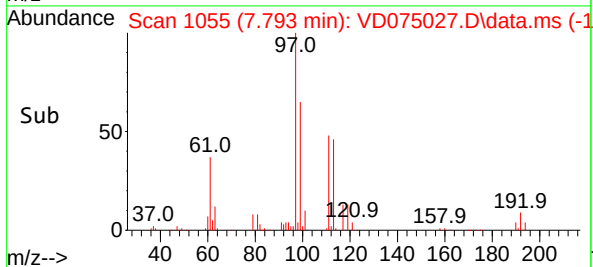
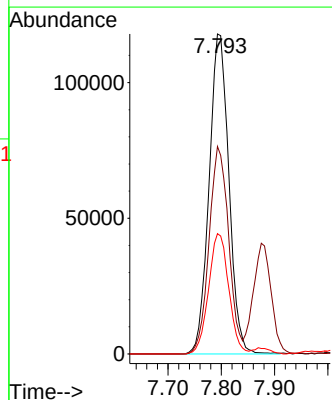
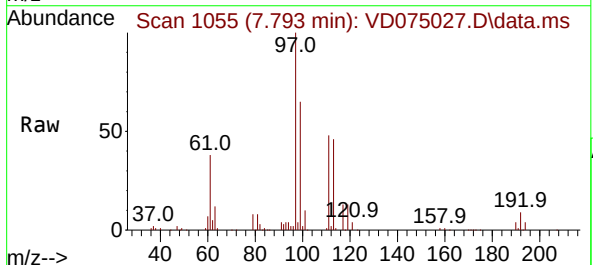
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

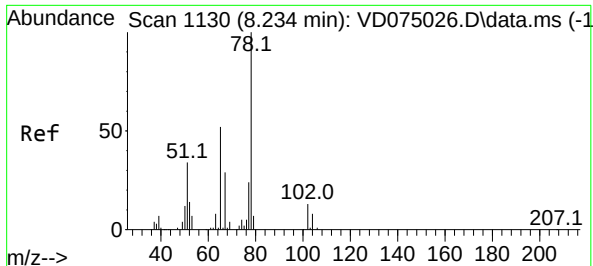
Tgt Ion: 56 Resp: 205730  
Ion Ratio Lower Upper  
56 100  
69 33.8 29.4 44.2  
84 99.3 81.8 122.8



#32  
1,1,1-Trichloroethane  
Concen: 104.818 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 97 Resp: 304273  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.6 77.4  
61 38.4 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 102.345 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

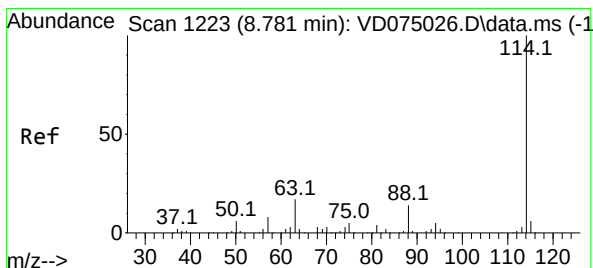
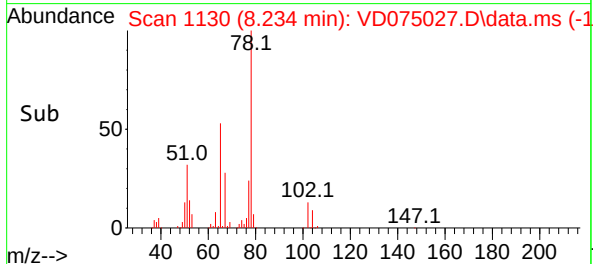
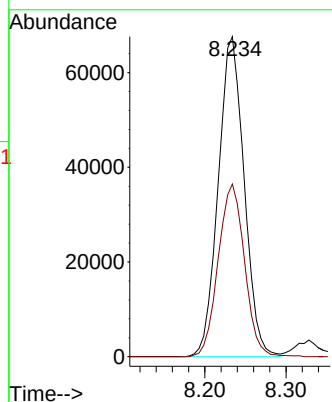
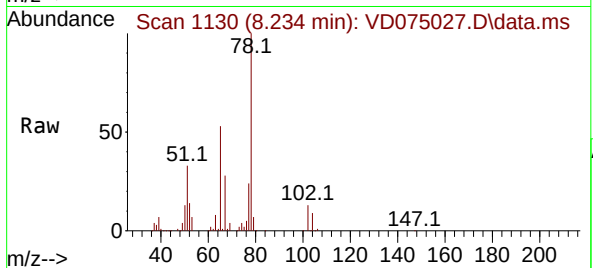
VSTDIC100

Tgt Ion: 65 Resp: 149800

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

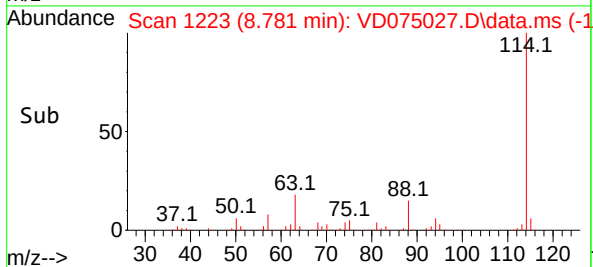
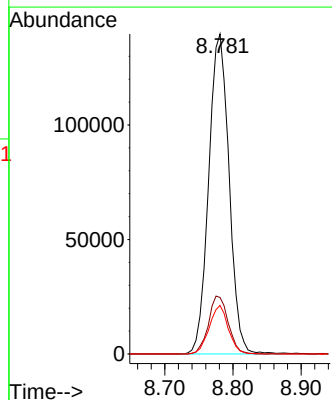
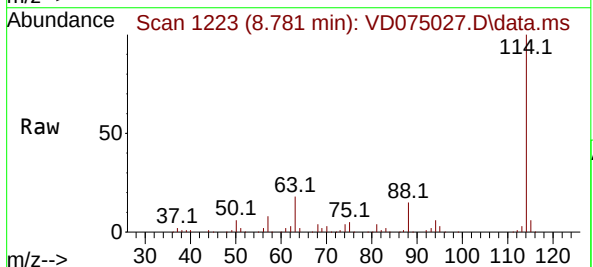
Tgt Ion: 114 Resp: 290661

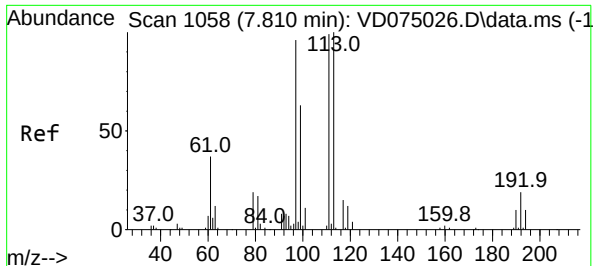
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

88 15.2 0.0 27.8





#35

Dibromofluoromethane

Concen: 106.757 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

VSTDICC100

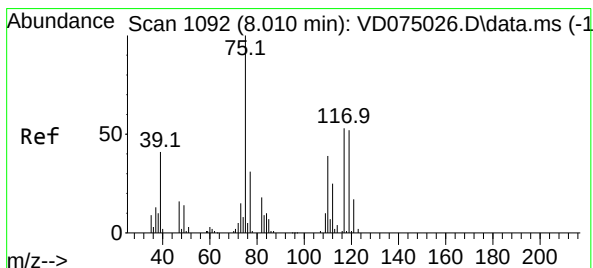
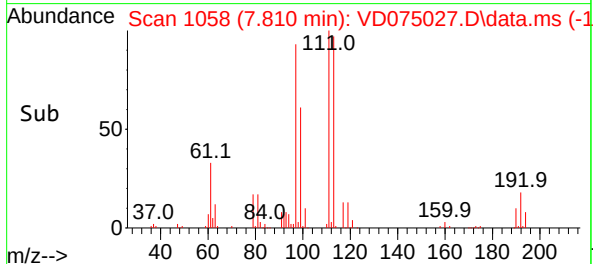
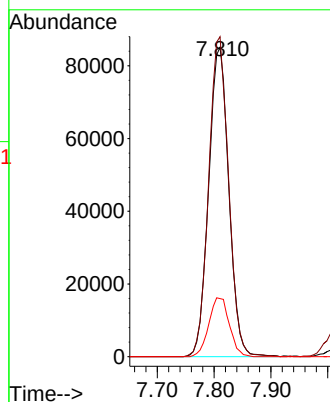
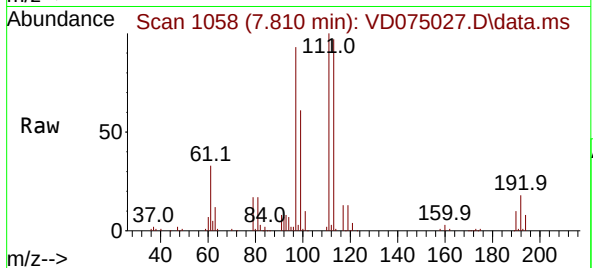
Tgt Ion:113 Resp: 209307

Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

192 19.4 15.1 22.7



#36

1,1-Dichloropropene

Concen: 94.056 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

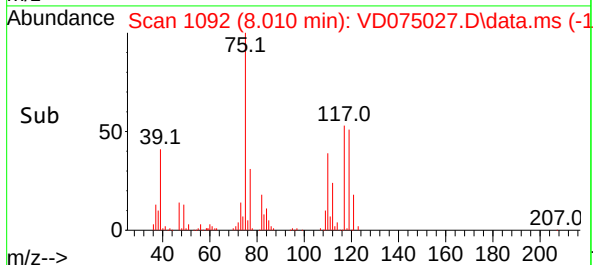
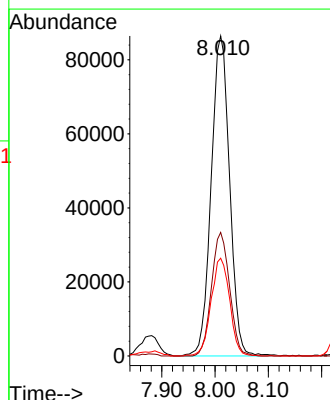
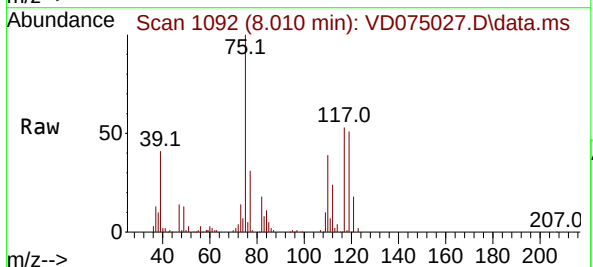
Tgt Ion: 75 Resp: 207623

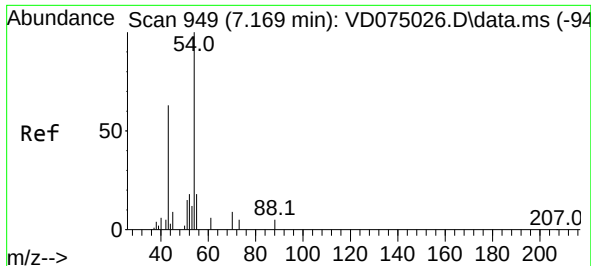
Ion Ratio Lower Upper

75 100

110 38.0 19.0 57.0

77 30.8 25.2 37.8

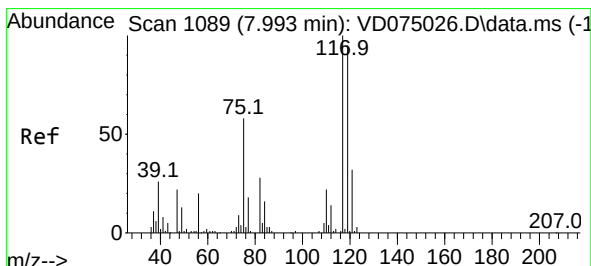
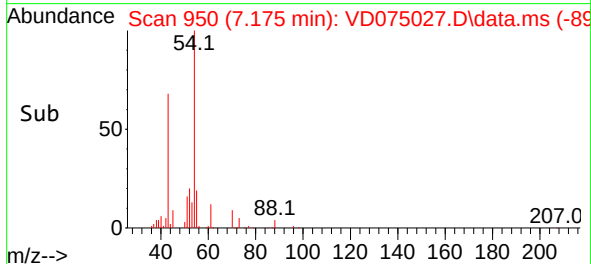
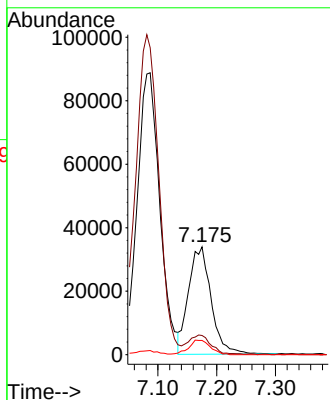
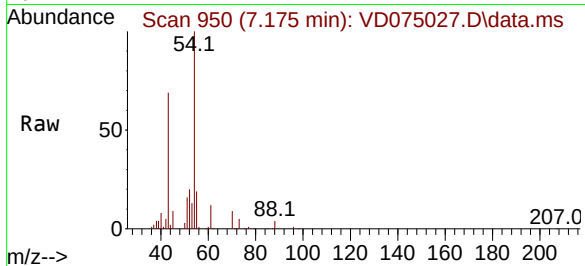




#37  
Ethyl Acetate  
Concen: 103.210 ug/l  
RT: 7.175 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

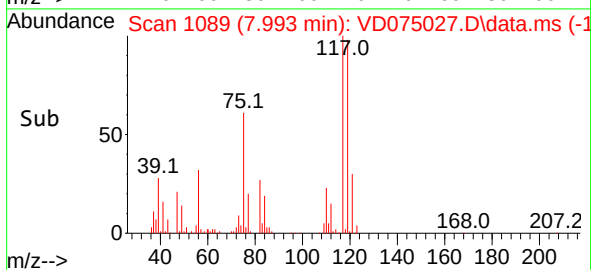
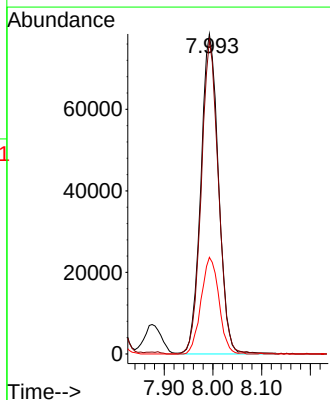
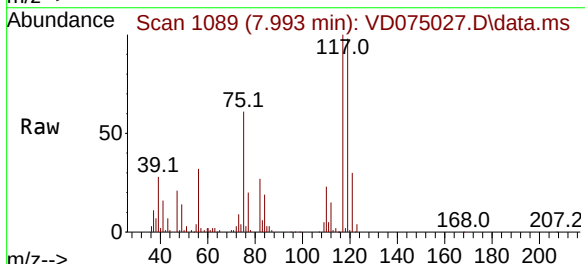
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

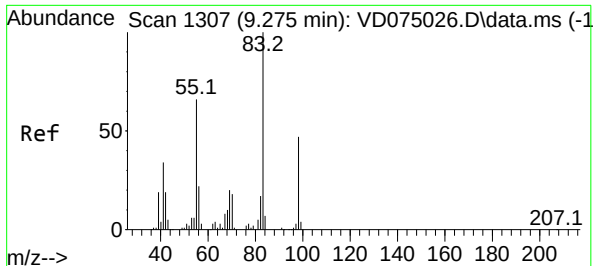
Tgt Ion: 43 Resp: 90402  
Ion Ratio Lower Upper  
43 100  
61 17.8 12.8 19.2  
70 12.8 10.2 15.4



#38  
Carbon Tetrachloride  
Concen: 99.153 ug/l  
RT: 7.993 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 117 Resp: 197970  
Ion Ratio Lower Upper  
117 100  
119 98.2 75.8 113.6  
121 30.2 25.4 38.0





#39

Methylcyclohexane

Concen: 100.382 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

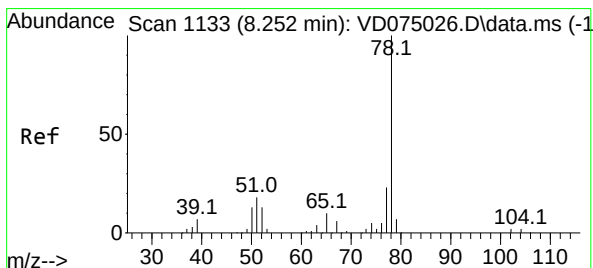
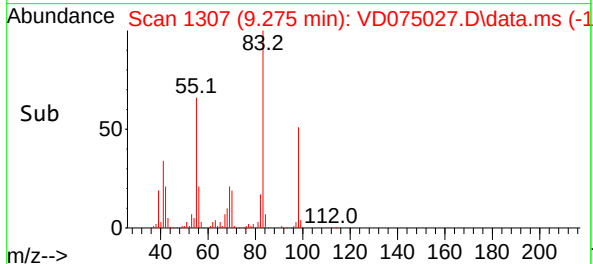
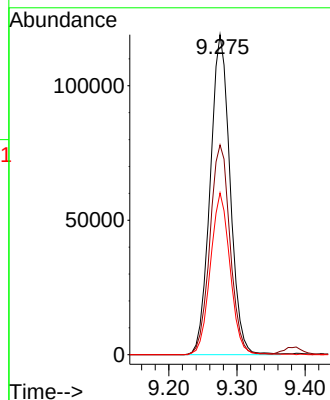
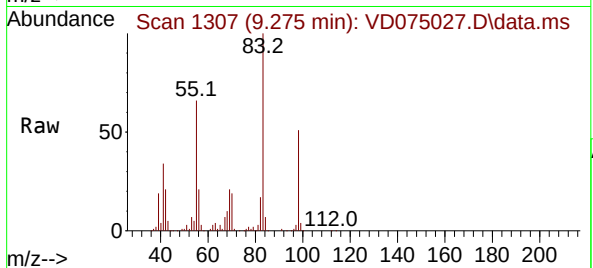
Tgt Ion: 83 Resp: 241527

Ion Ratio Lower Upper

83 100

55 65.5 53.1 79.7

98 50.5 37.5 56.3



#40

Benzene

Concen: 96.709 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075027.D

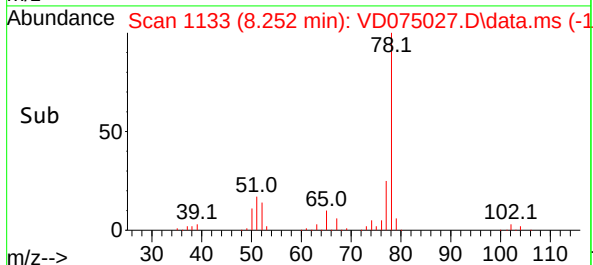
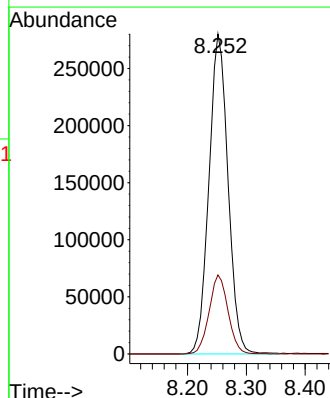
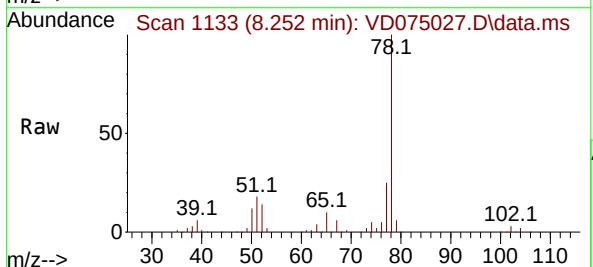
Acq: 15 Dec 2022 14:36

Tgt Ion: 78 Resp: 631331

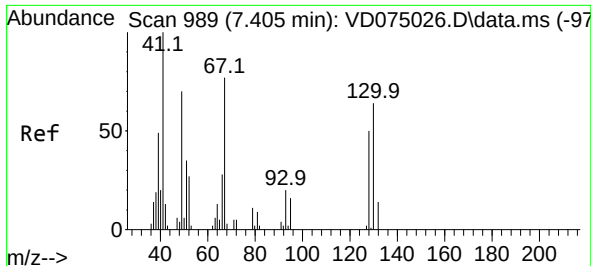
Ion Ratio Lower Upper

78 100

77 24.7 18.6 27.8



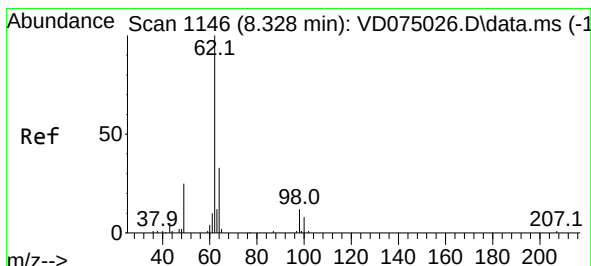
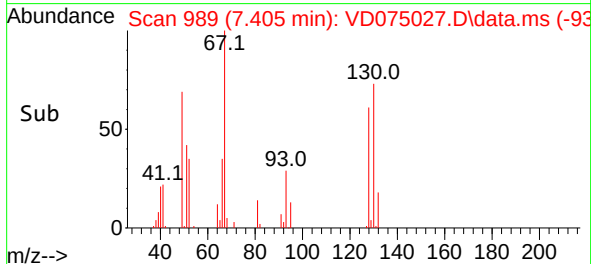
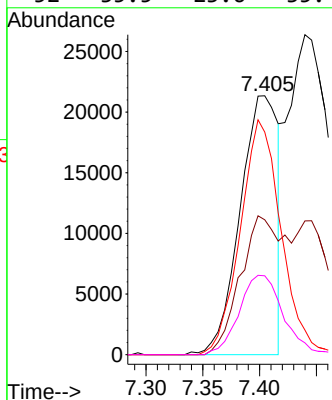
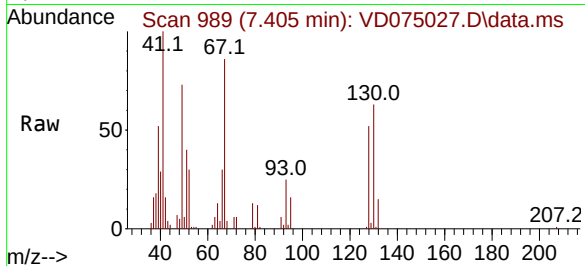




#41  
Methacrylonitrile  
Concen: 102.271 ug/l  
RT: 7.405 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

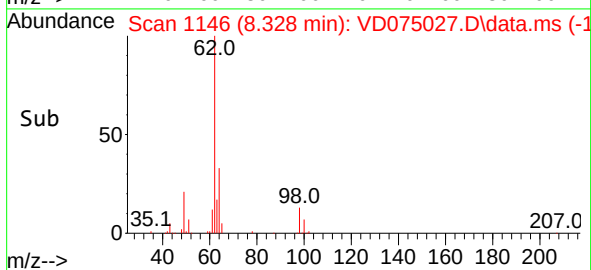
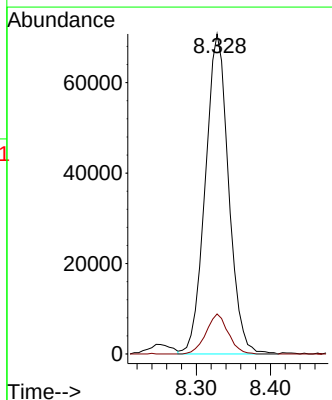
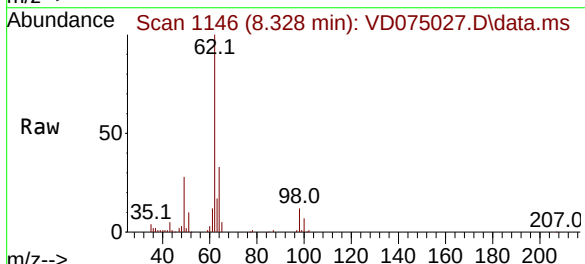
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

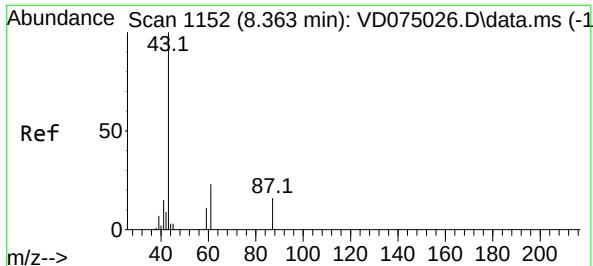
Tgt Ion: 41 Resp: 49478  
Ion Ratio Lower Upper  
41 100  
39 65.4 44.8 67.2  
67 97.9 69.6 104.4  
52 35.5 23.6 35.4#



#42  
1,2-Dichloroethane  
Concen: 96.078 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 62 Resp: 154642  
Ion Ratio Lower Upper  
62 100  
98 11.8 0.0 23.4





#43

Isopropyl Acetate

Concen: 104.741 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

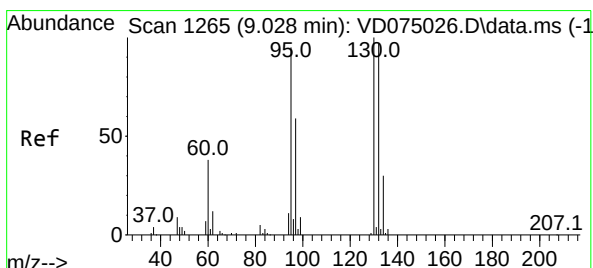
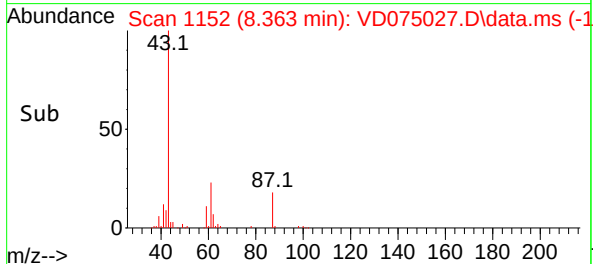
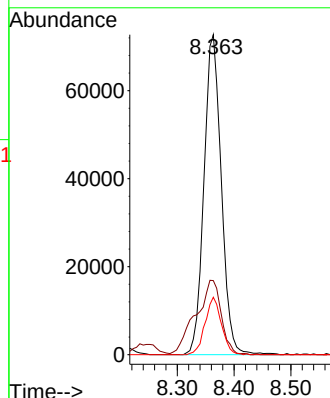
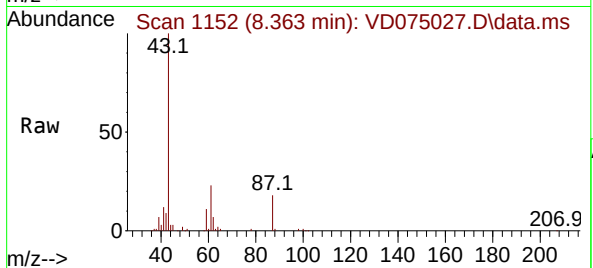
Tgt Ion: 43 Resp: 153961

Ion Ratio Lower Upper

43 100

61 34.1 28.2 42.4

87 17.0 13.6 20.4



#44

Trichloroethene

Concen: 96.858 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075027.D

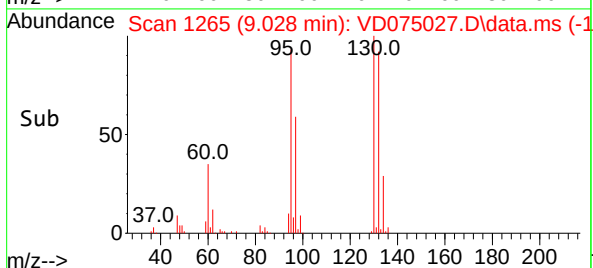
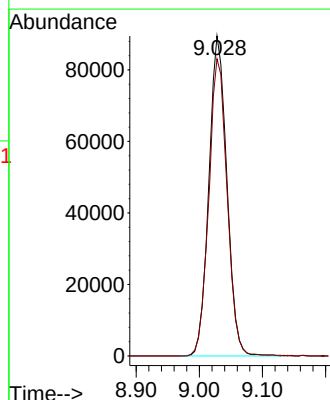
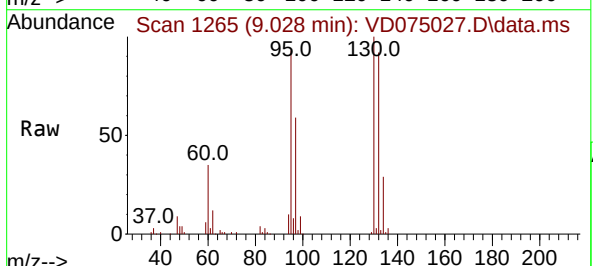
Acq: 15 Dec 2022 14:36

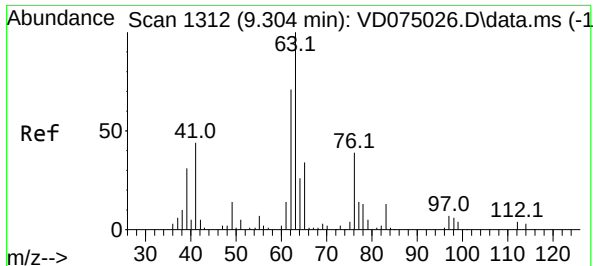
Tgt Ion:130 Resp: 177027

Ion Ratio Lower Upper

130 100

95 92.9 0.0 190.0





#45

1,2-Dichloropropane

Concen: 98.037 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

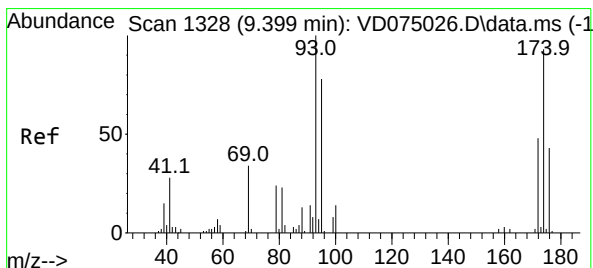
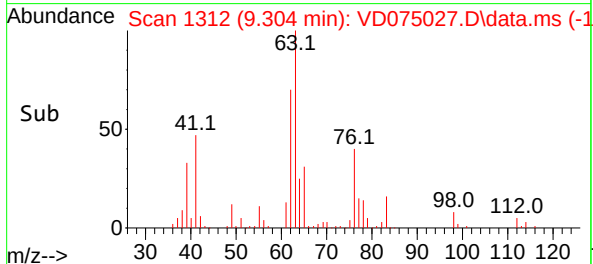
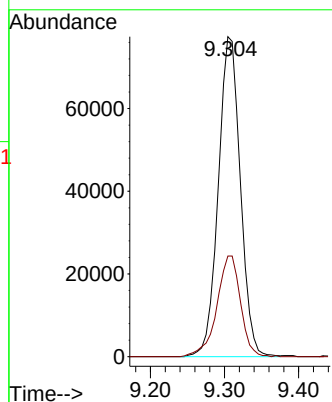
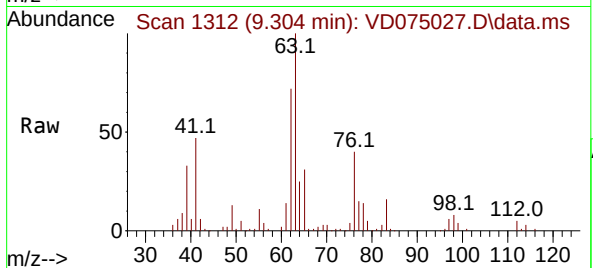
VSTDICC100

Tgt Ion: 63 Resp: 159791

Ion Ratio Lower Upper

63 100

65 31.5 27.0 40.6



#46

Dibromomethane

Concen: 97.203 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

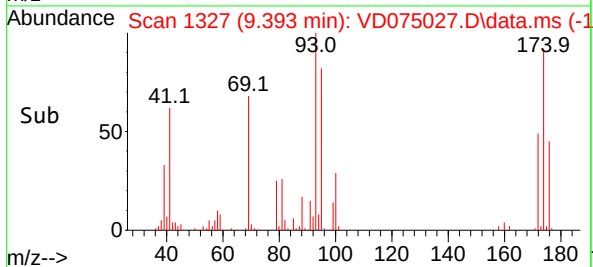
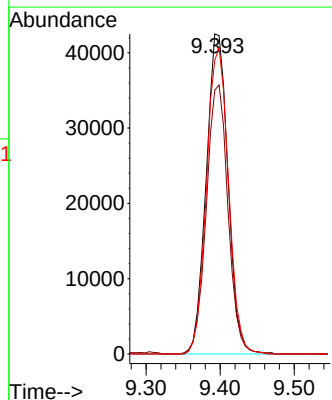
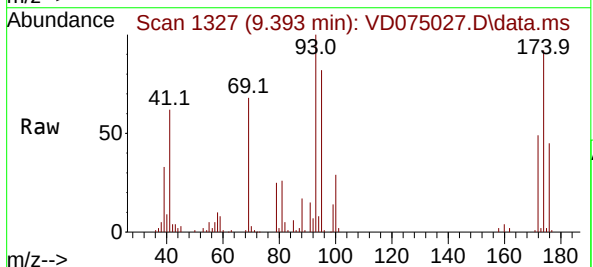
Tgt Ion: 93 Resp: 86934

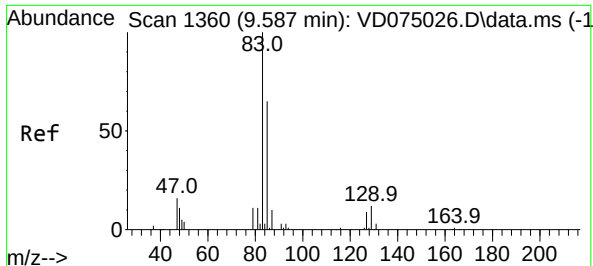
Ion Ratio Lower Upper

93 100

95 83.6 65.7 98.5

174 96.6 74.7 112.1

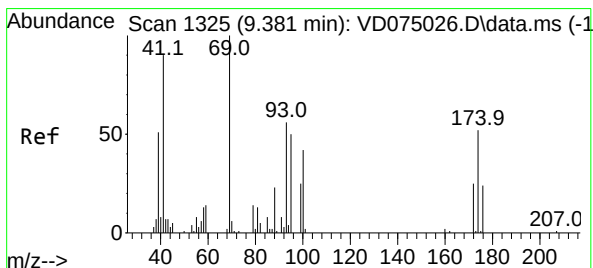
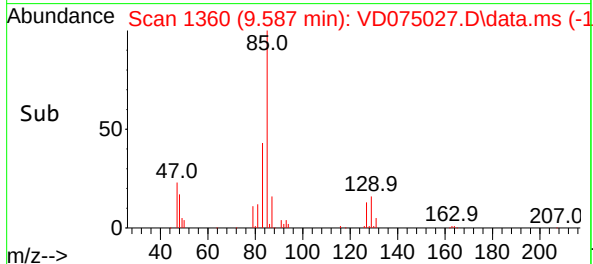
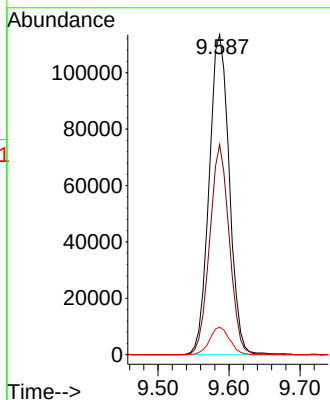
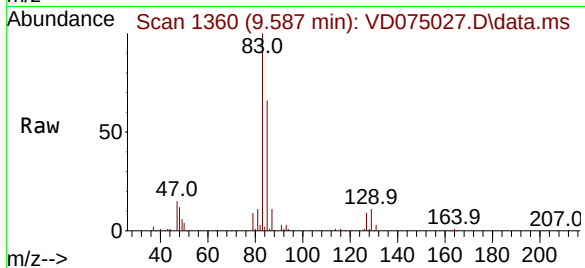




#47  
Bromodichloromethane  
Concen: 97.878 ug/l  
RT: 9.587 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

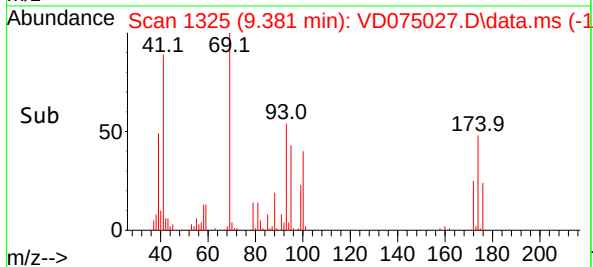
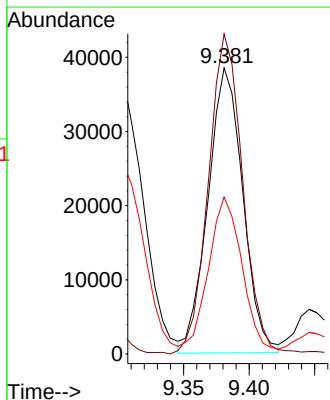
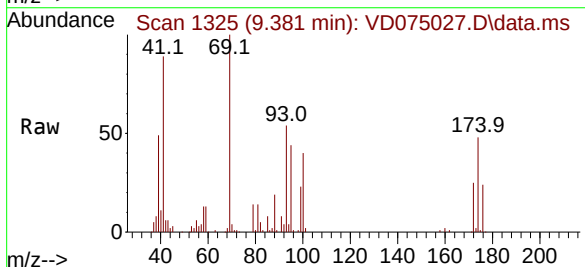
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

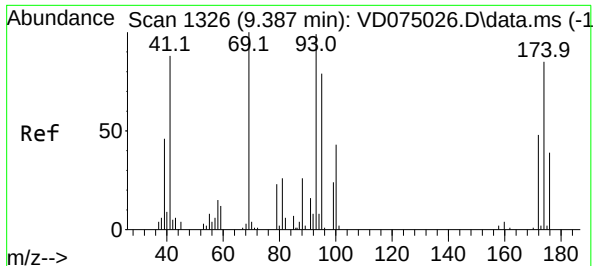
Tgt Ion: 83 Resp: 223104  
Ion Ratio Lower Upper  
83 100  
85 65.6 51.8 77.8  
127 8.6 7.2 10.8



#48  
Methyl methacrylate  
Concen: 103.973 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 41 Resp: 71204  
Ion Ratio Lower Upper  
41 100  
69 110.2 84.8 127.2  
39 50.2 43.6 65.4





#49

1,4-Dioxane

Concen: 2167.839 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

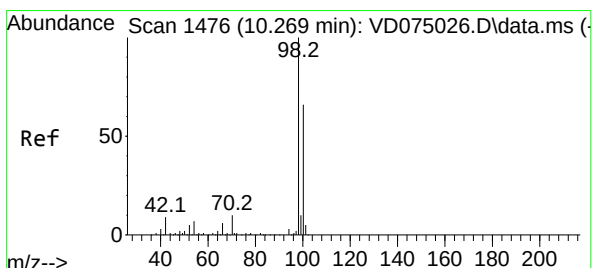
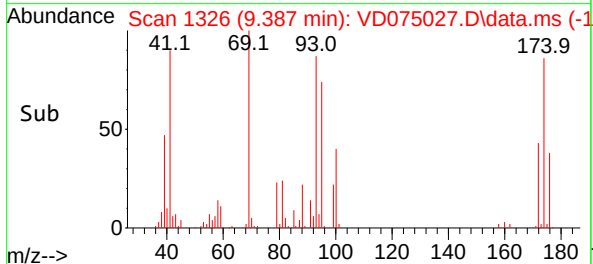
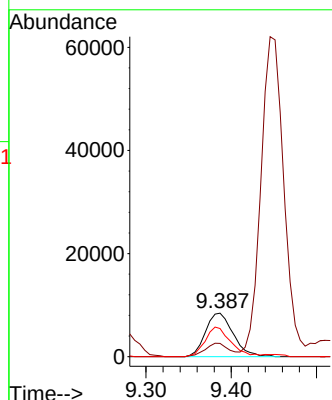
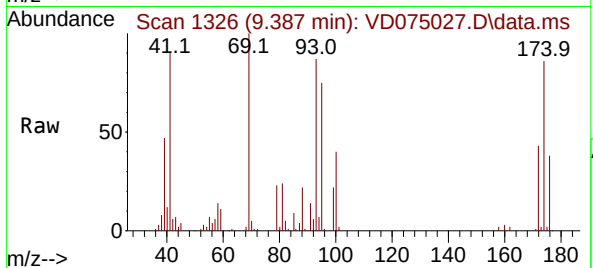
Tgt Ion: 88 Resp: 19066

Ion Ratio Lower Upper

88 100

43 27.7 23.9 35.9

58 62.8 48.4 72.6



#50

Toluene-d8

Concen: 103.256 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075027.D

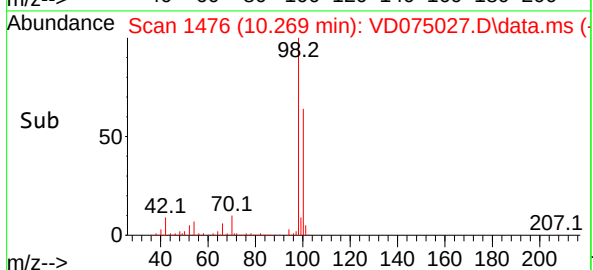
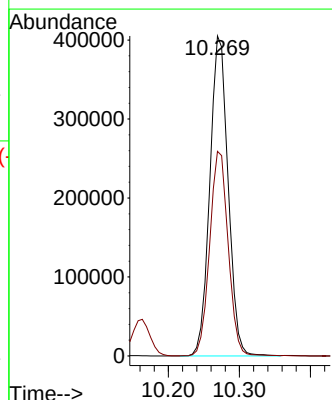
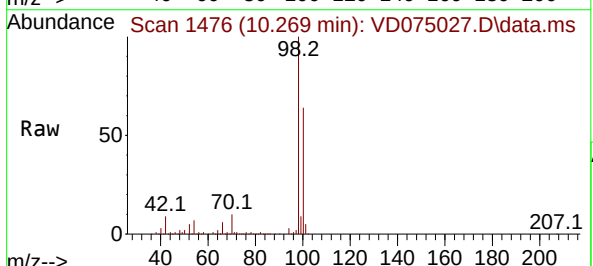
Acq: 15 Dec 2022 14:36

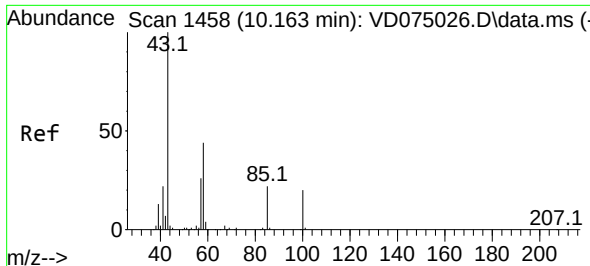
Tgt Ion: 98 Resp: 723170

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2

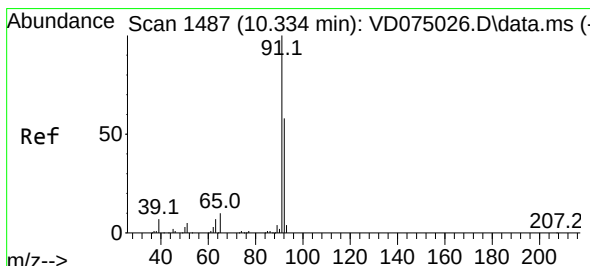
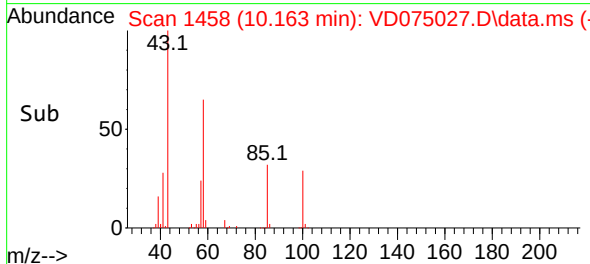
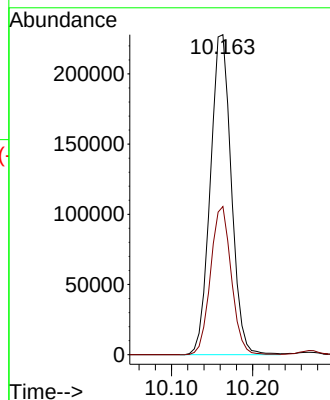
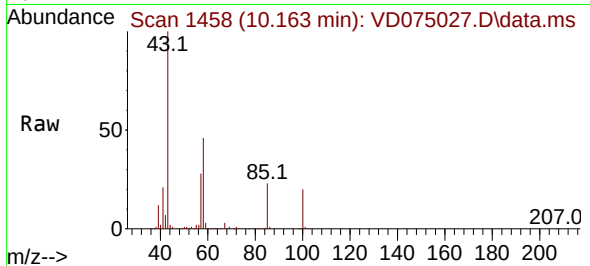




#51  
4-Methyl-2-Pentanone  
Concen: 534.576 ug/l  
RT: 10.163 min Scan# 1458  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

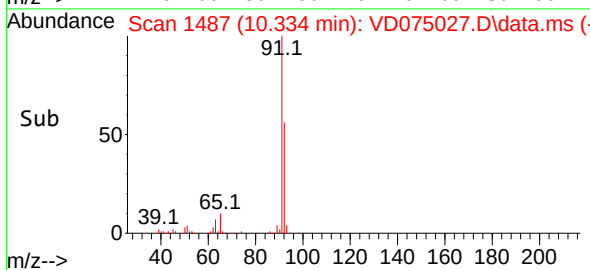
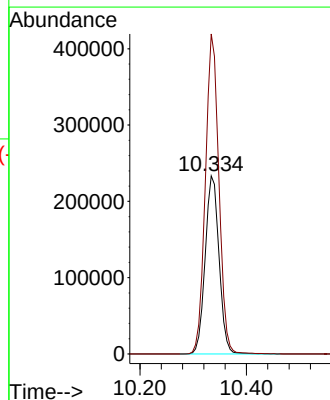
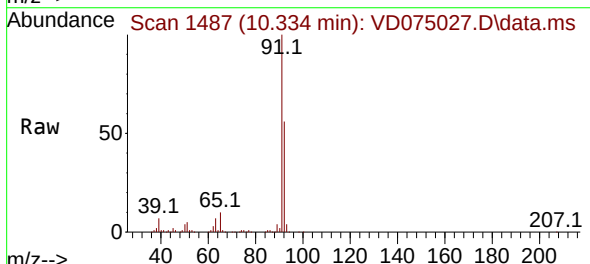
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

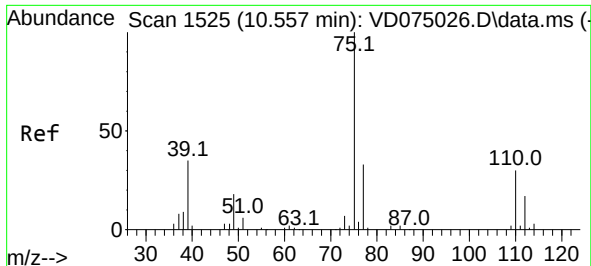
Tgt Ion: 43 Resp: 409282  
Ion Ratio Lower Upper  
43 100  
58 45.8 35.7 53.5



#52  
Toluene  
Concen: 98.434 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 92 Resp: 422148  
Ion Ratio Lower Upper  
92 100  
91 175.2 139.3 208.9

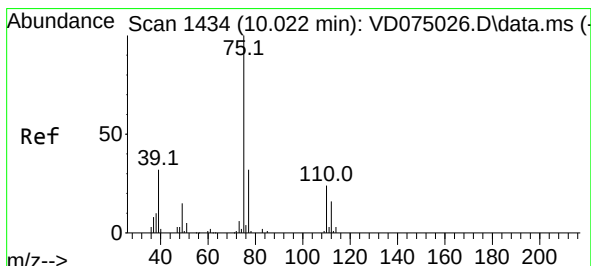
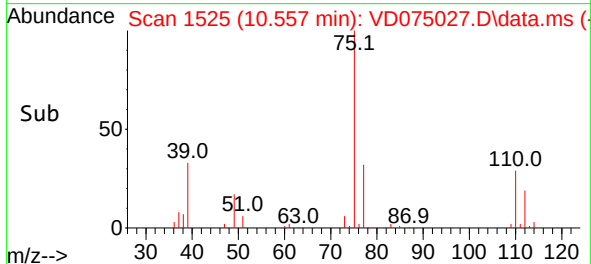
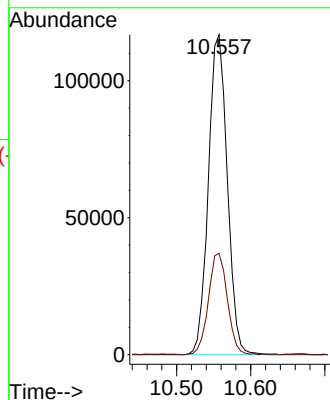
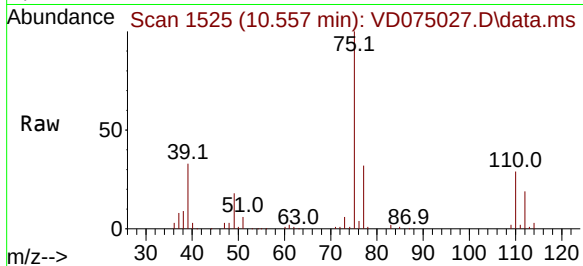




#53  
t-1,3-Dichloropropene  
Concen: 104.300 ug/l  
RT: 10.557 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

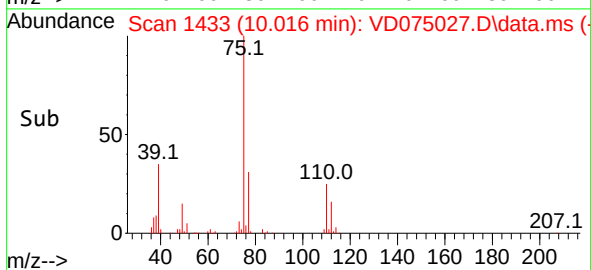
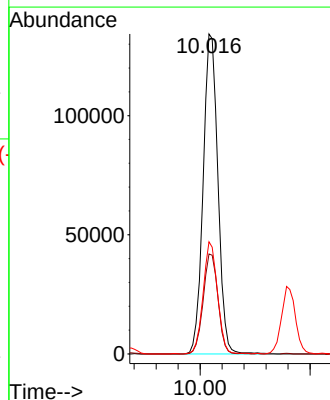
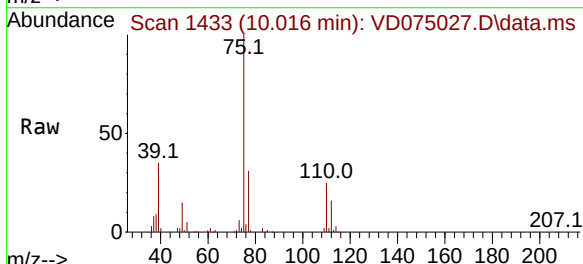
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

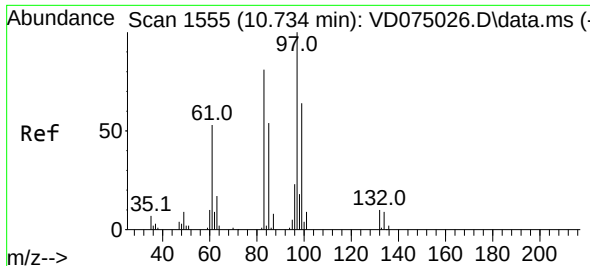
Tgt Ion: 75 Resp: 207106  
Ion Ratio Lower Upper  
75 100  
77 31.7 26.6 39.8



#54  
cis-1,3-Dichloropropene  
Concen: 101.532 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 75 Resp: 250246  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.5 38.3  
39 35.1 25.7 38.5

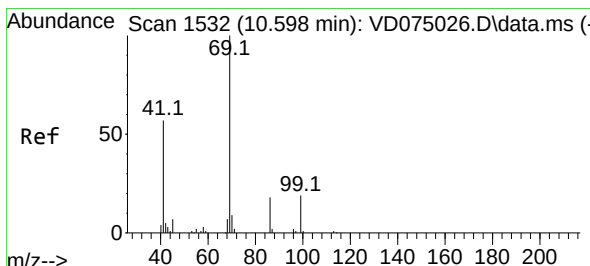
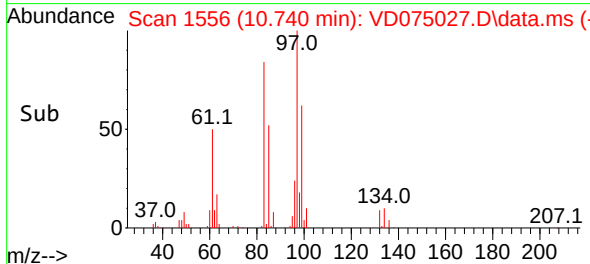
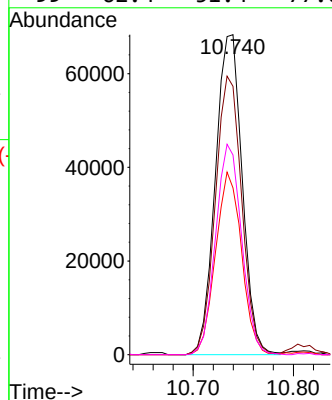
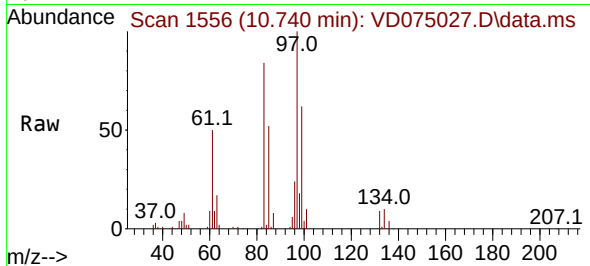




#55  
1,1,2-Trichloroethane  
Concen: 98.408 ug/l  
RT: 10.740 min Scan# 1555  
Delta R.T. 0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

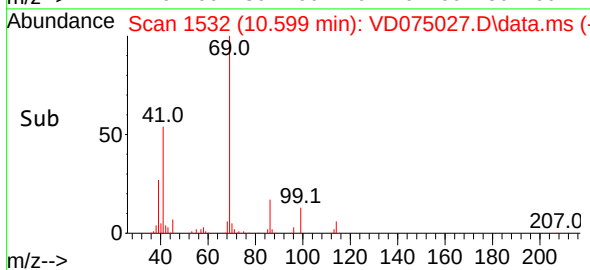
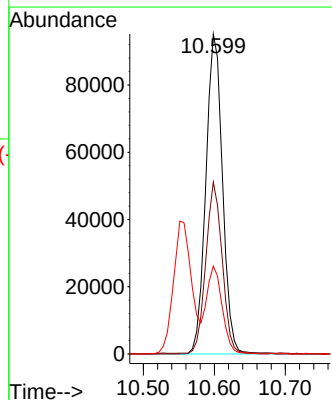
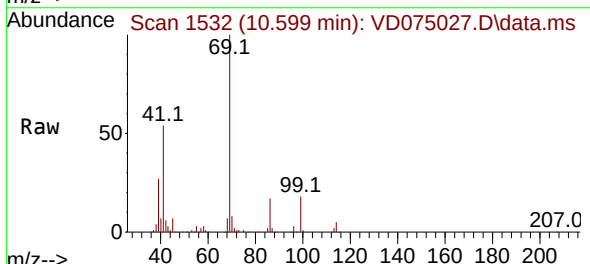
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 126800 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.9  | 65.1  | 97.7   |
| 85       | 52.1  | 43.3  | 64.9   |
| 99       | 62.4  | 51.4  | 77.0   |

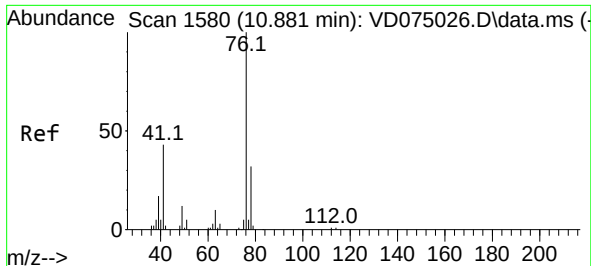


#56  
Ethyl methacrylate  
Concen: 109.241 ug/l  
RT: 10.599 min Scan# 1532  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 155293 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 52.2  | 42.2  | 63.4   |
| 39       | 25.7  | 20.2  | 30.4   |







#57

1,3-Dichloropropane

Concen: 99.791 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

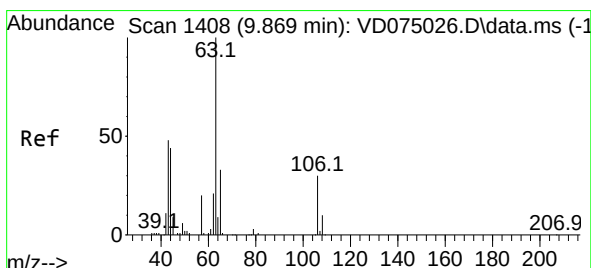
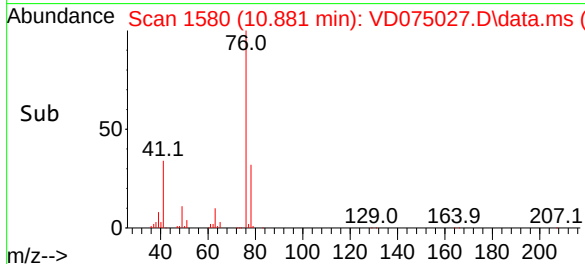
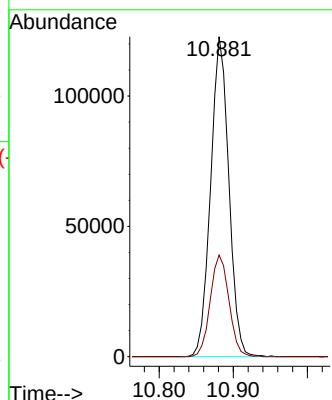
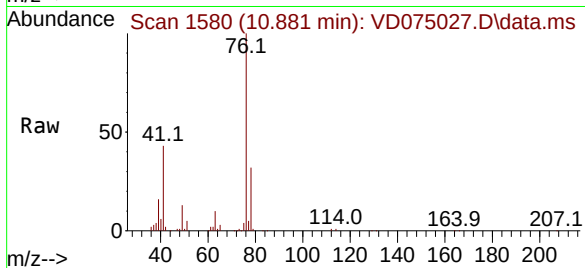
VSTDIC100

Tgt Ion: 76 Resp: 209283

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 610.309 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075027.D

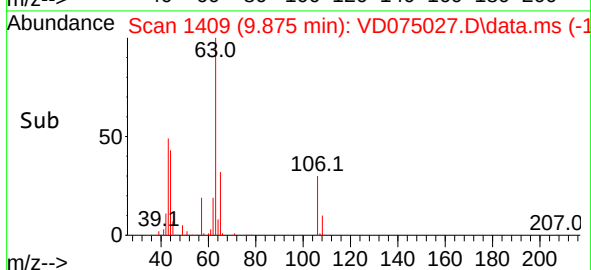
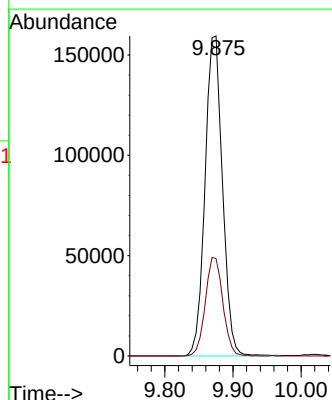
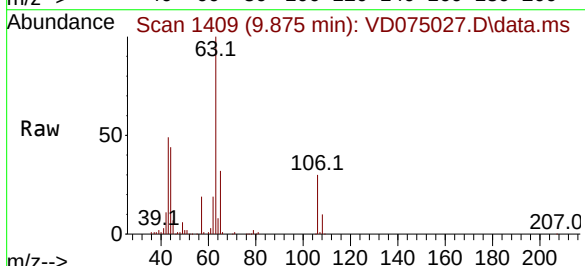
Acq: 15 Dec 2022 14:36

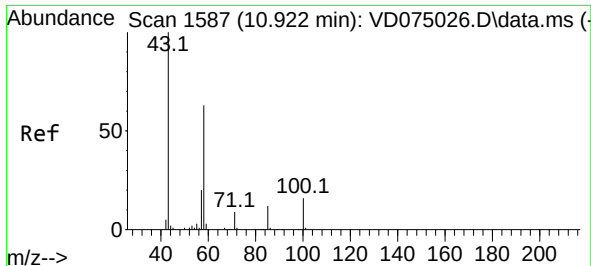
Tgt Ion: 63 Resp: 284168

Ion Ratio Lower Upper

63 100

106 31.0 25.3 37.9

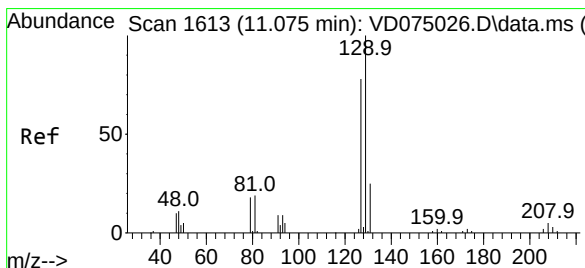
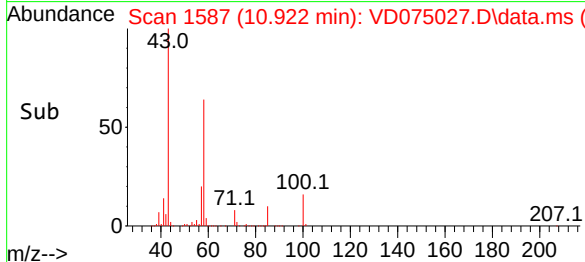
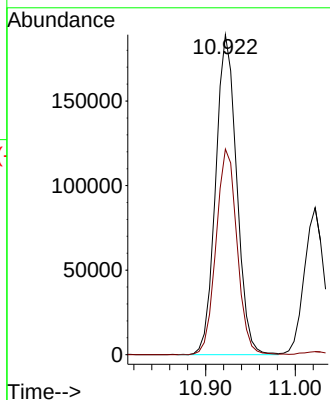
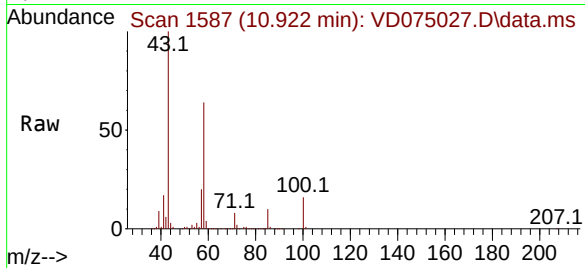




#59  
2-Hexanone  
Concen: 558.269 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

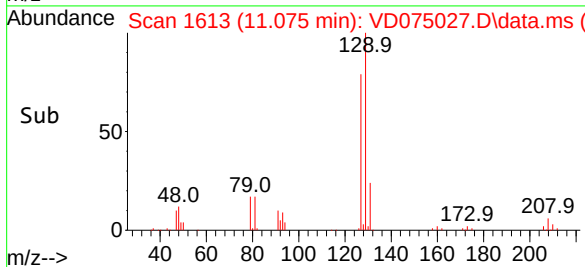
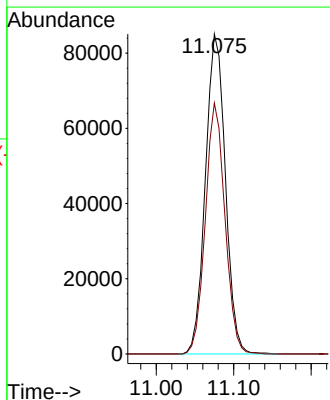
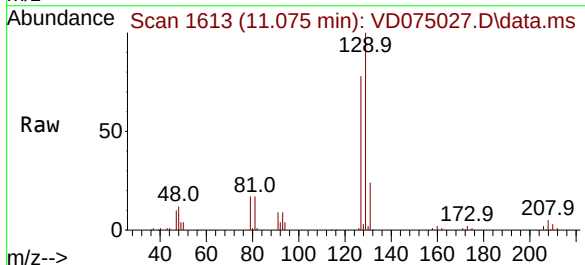
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

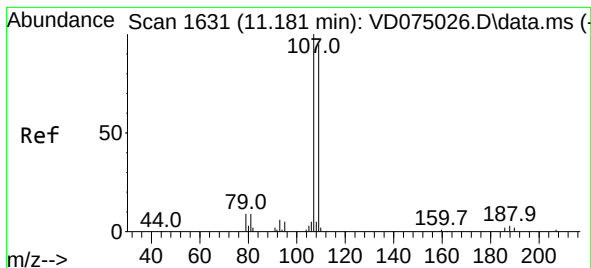
Tgt Ion: 43 Resp: 307791  
Ion Ratio Lower Upper  
43 100  
58 64.2 30.8 92.4



#60  
Dibromochloromethane  
Concen: 101.075 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 129 Resp: 152424  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 100.146 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

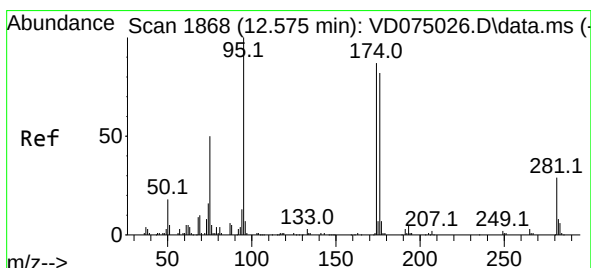
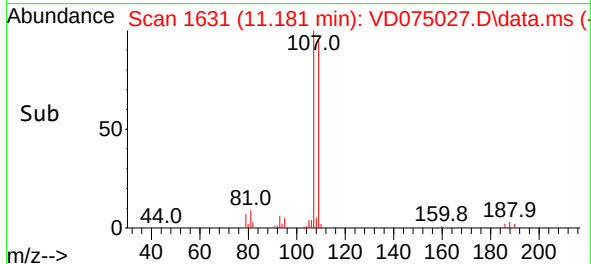
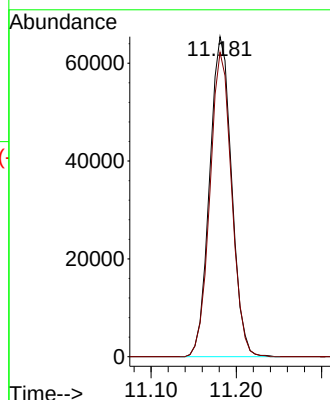
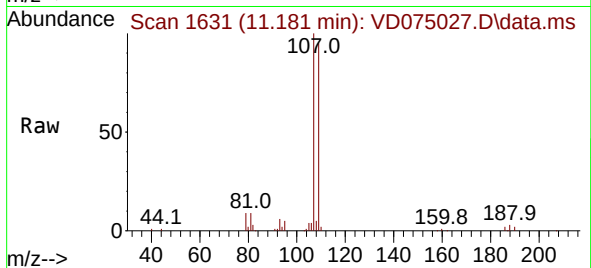
VSTDIC100

Tgt Ion:107 Resp: 117305

Ion Ratio Lower Upper

107 100

109 93.8 77.2 115.8



#62

4-Bromofluorobenzene

Concen: 104.955 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

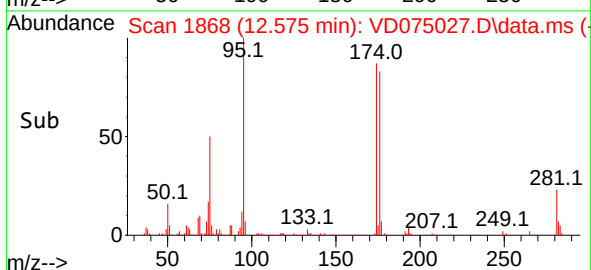
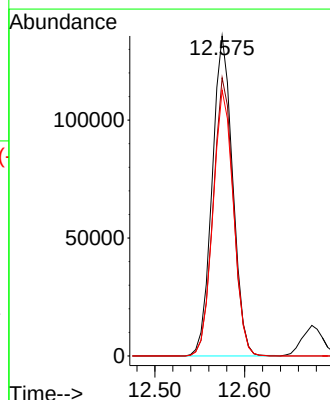
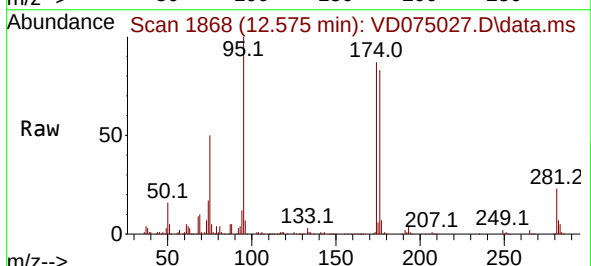
Tgt Ion: 95 Resp: 215564

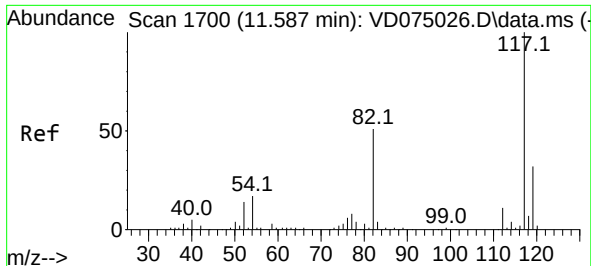
Ion Ratio Lower Upper

95 100

174 85.7 0.0 171.2

176 83.0 0.0 165.0

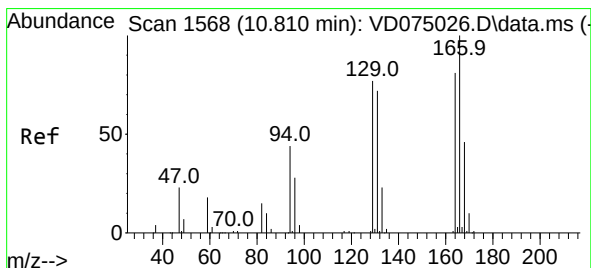
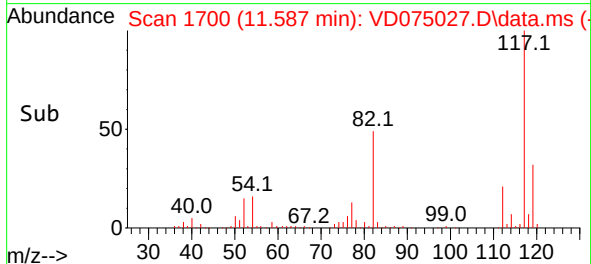
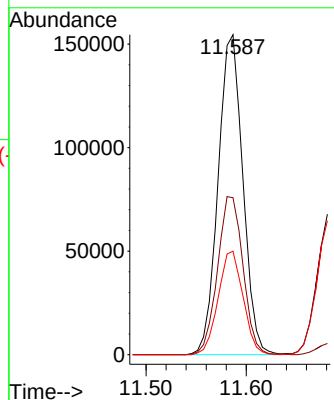
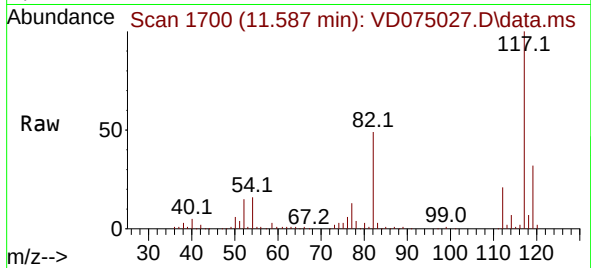




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.587 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

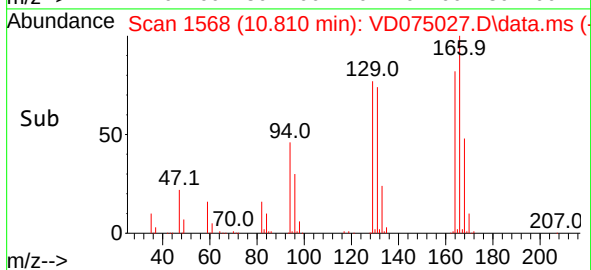
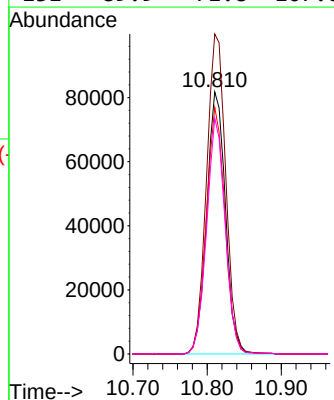
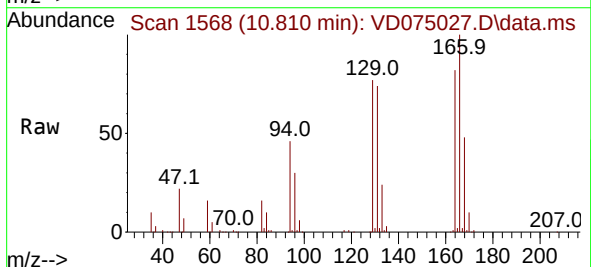
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

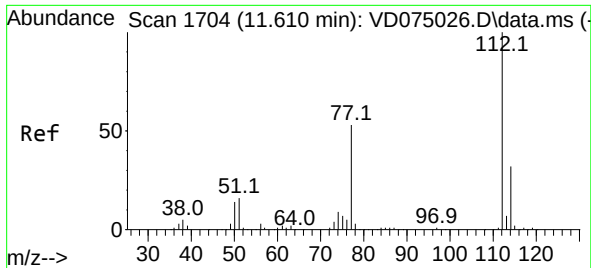
Tgt Ion:117 Resp: 264184  
Ion Ratio Lower Upper  
117 100  
82 49.1 40.9 61.3  
119 32.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 92.322 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion:164 Resp: 143787  
Ion Ratio Lower Upper  
164 100  
166 122.1 99.4 149.0  
129 94.1 76.7 115.1  
131 89.9 71.8 107.8

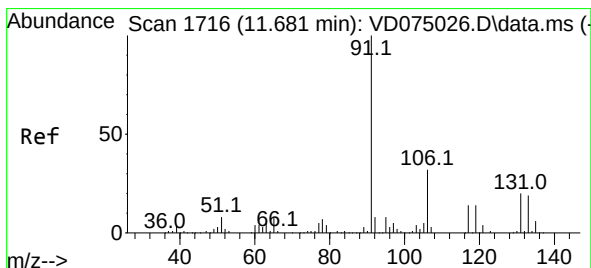
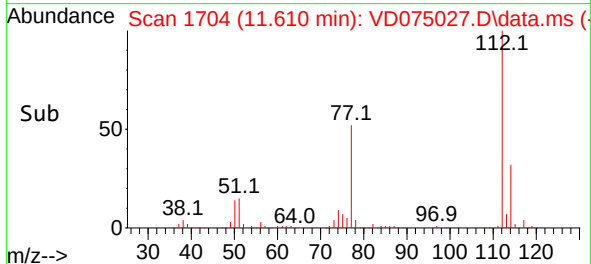
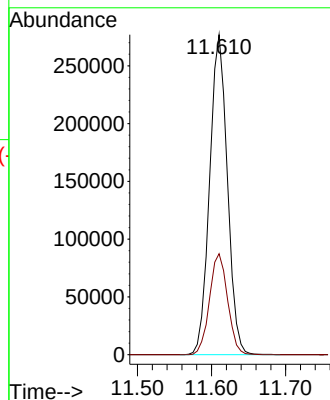
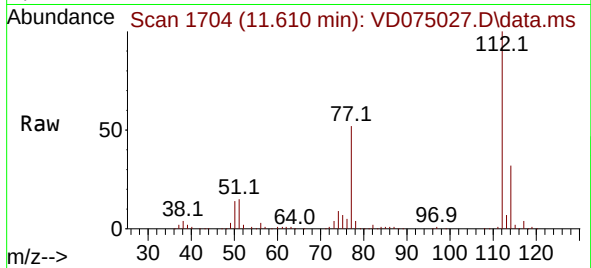




#65  
Chlorobenzene  
Concen: 96.495 ug/l  
RT: 11.610 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

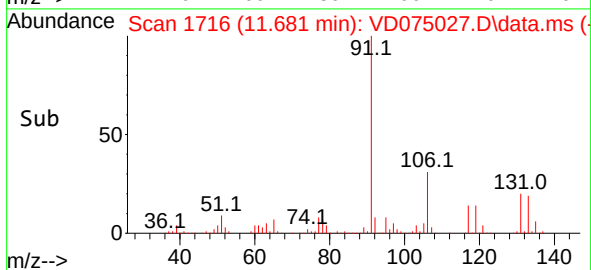
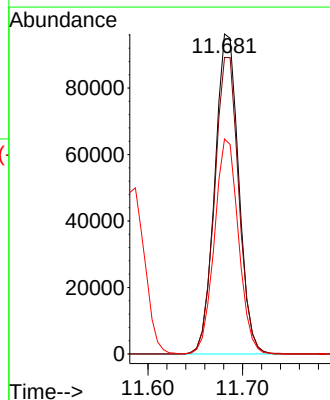
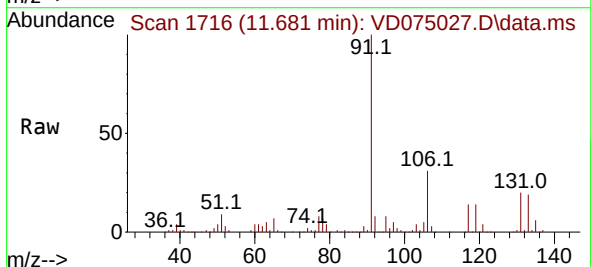
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

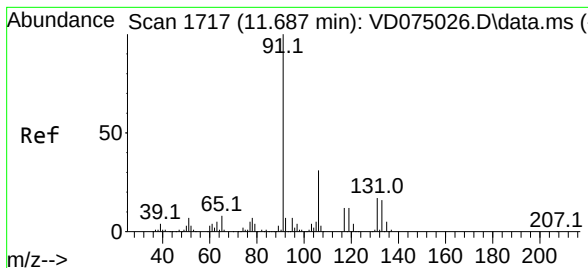
Tgt Ion:112 Resp: 459365  
Ion Ratio Lower Upper  
112 100  
114 31.5 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 98.461 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion:131 Resp: 168030  
Ion Ratio Lower Upper  
131 100  
133 94.4 48.5 145.6  
119 67.9 34.2 102.5





#67

Ethyl Benzene

Concen: 102.211 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

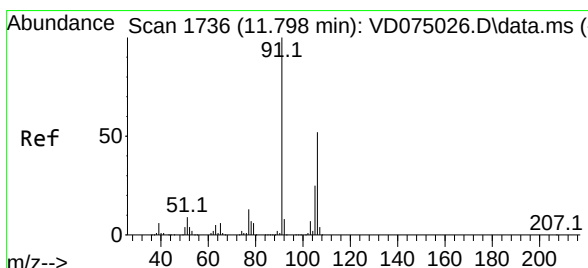
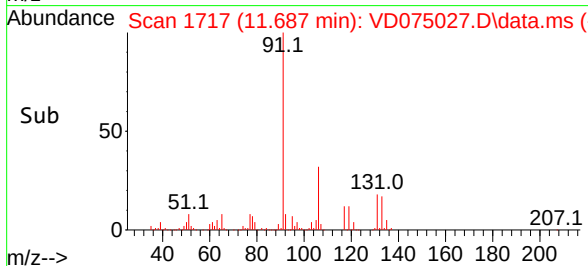
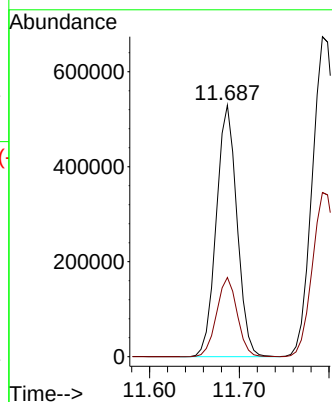
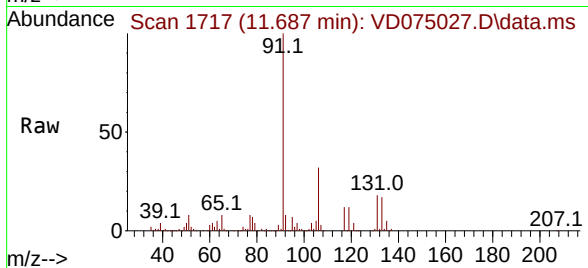
VSTDICC100

Tgt Ion: 91 Resp: 847314

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 202.522 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VD075027.D

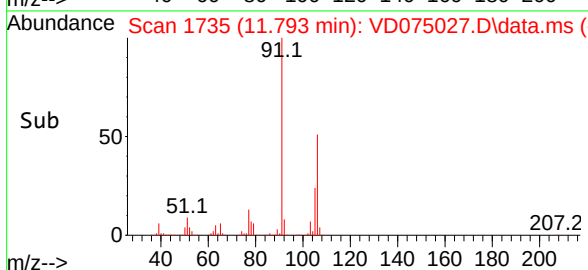
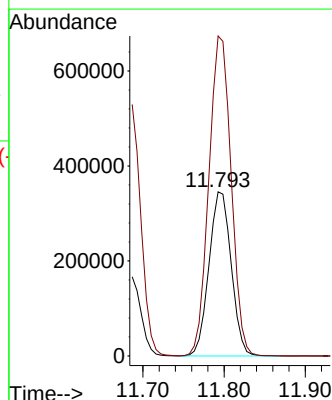
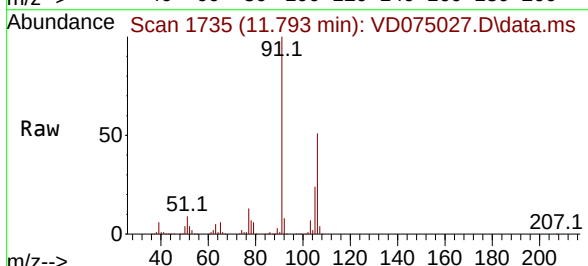
Acq: 15 Dec 2022 14:36

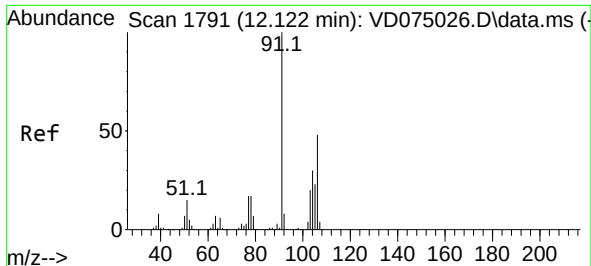
Tgt Ion:106 Resp: 656503

Ion Ratio Lower Upper

106 100

91 195.6 156.3 234.5

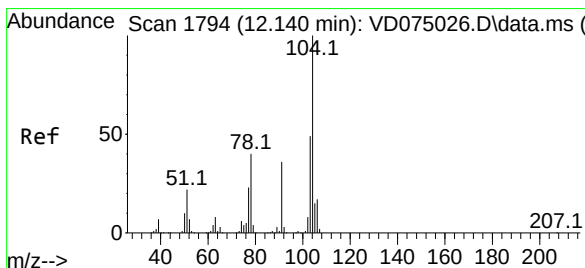
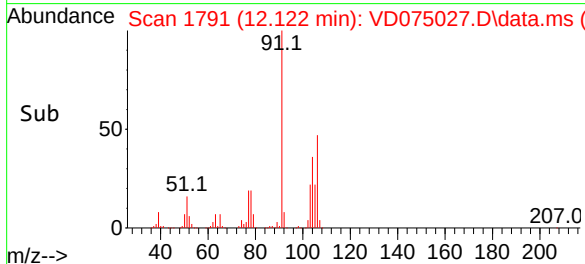
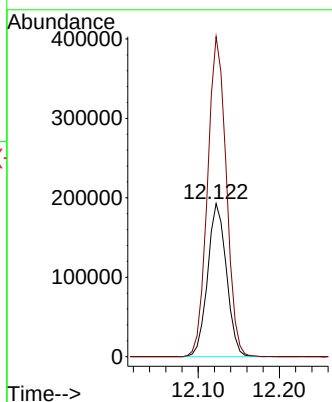
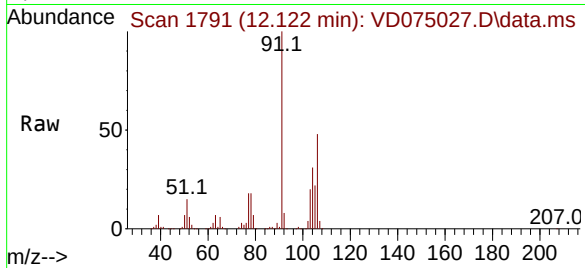




#69  
o-Xylene  
Concen: 101.605 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

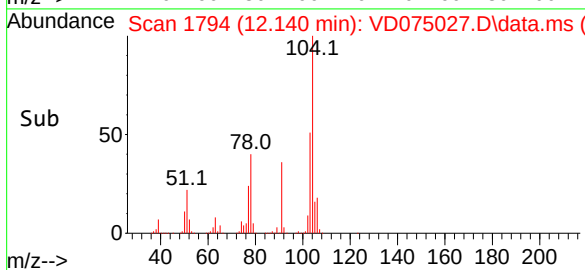
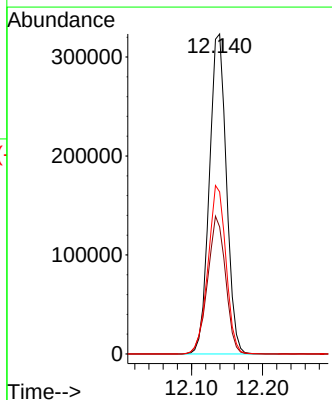
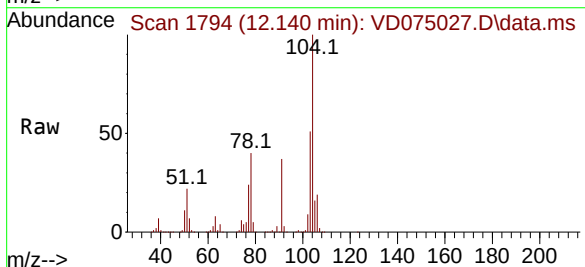
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

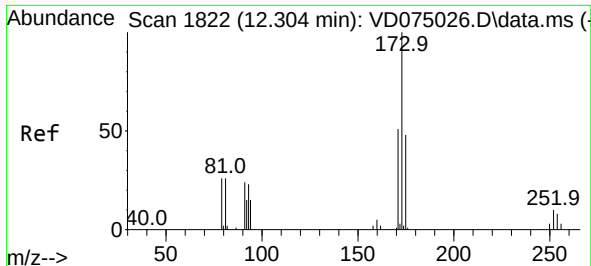
Tgt Ion:106 Resp: 309788  
Ion Ratio Lower Upper  
106 100  
91 208.5 102.7 308.1



#70  
Styrene  
Concen: 102.379 ug/l  
RT: 12.140 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion:104 Resp: 539796  
Ion Ratio Lower Upper  
104 100  
78 45.3 35.5 53.3  
103 55.3 43.9 65.9

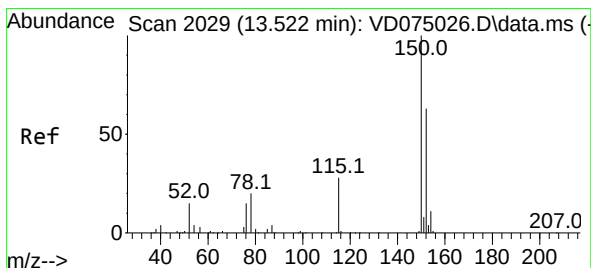
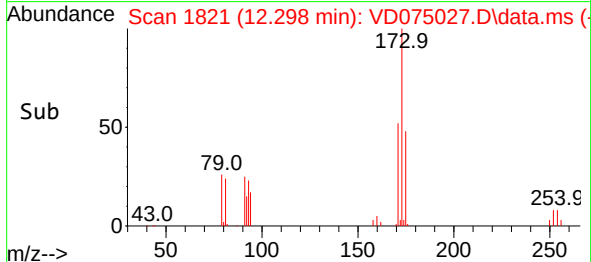
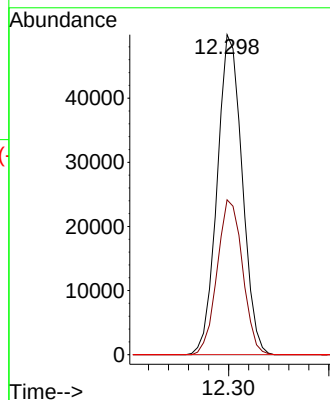
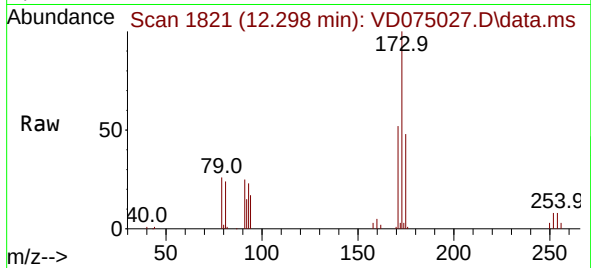




#71  
Bromoform  
Concen: 99.438 ug/l  
RT: 12.298 min Scan# 1821  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

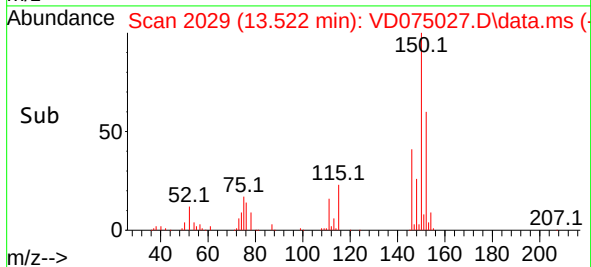
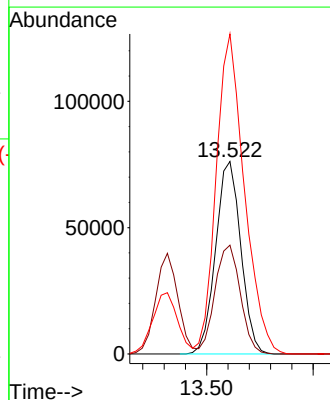
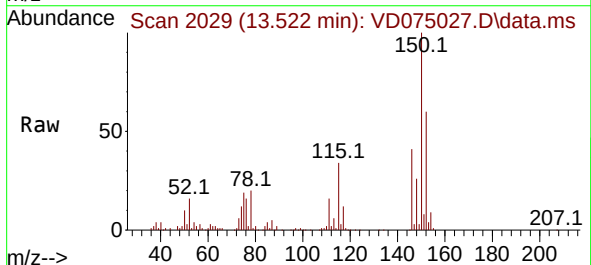
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Tgt Ion:173 Resp: 86532  
Ion Ratio Lower Upper  
173 100  
175 49.0 24.4 73.4  
254 0.0 0.0 0.0

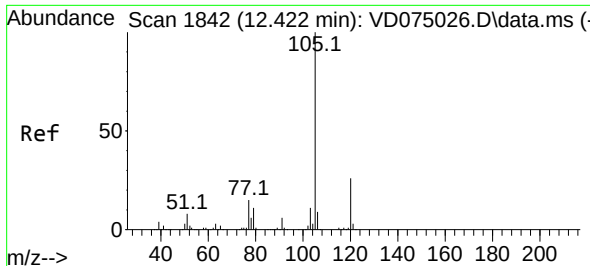


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.522 min Scan# 2029  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion:152 Resp: 125041  
Ion Ratio Lower Upper  
152 100  
115 56.7 28.8 86.5  
150 186.1 0.0 354.2



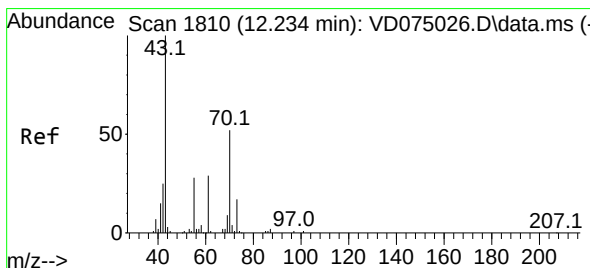
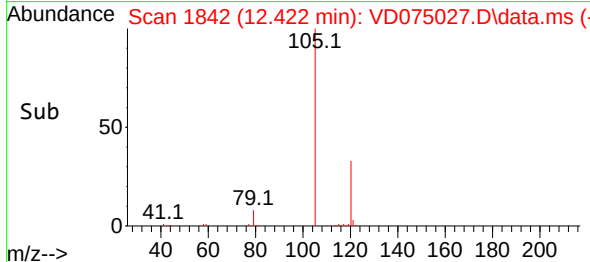
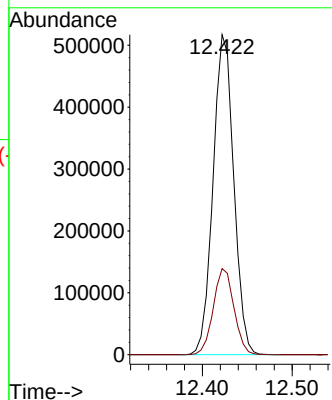
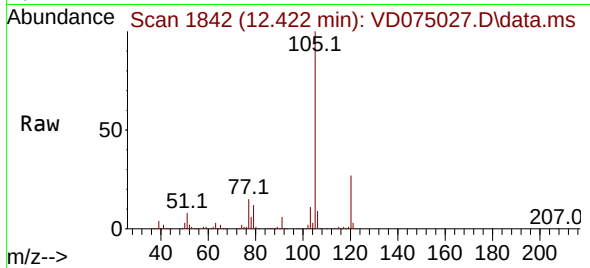




#73  
Isopropylbenzene  
Concen: 101.168 ug/l  
RT: 12.422 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

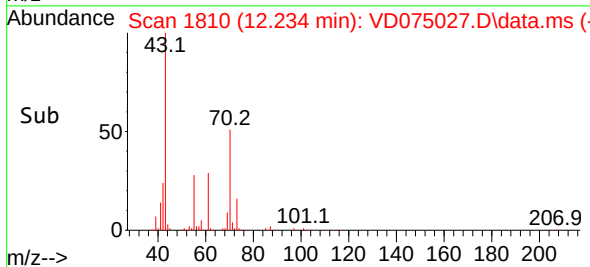
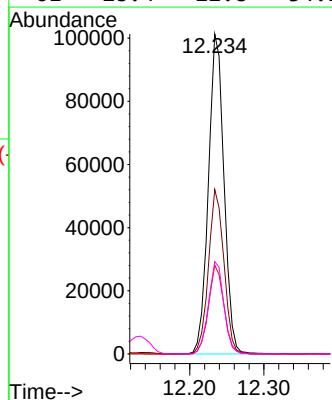
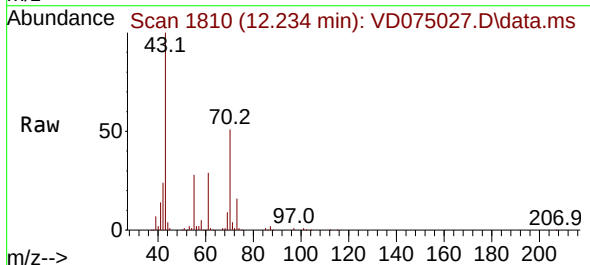
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

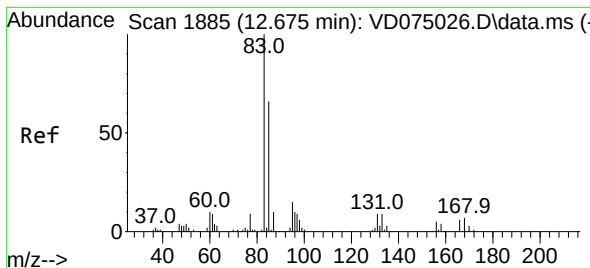
Tgt Ion:105 Resp: 827841  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.2 39.6



#74  
N-ethyl acetate  
Concen: 106.086 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 43 Resp: 147988  
Ion Ratio Lower Upper  
43 100  
70 51.0 40.6 60.8  
55 27.4 22.0 33.0  
61 28.4 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 97.248 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

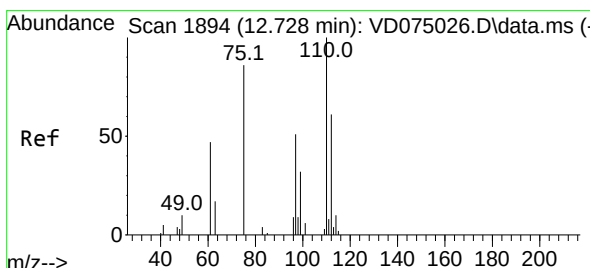
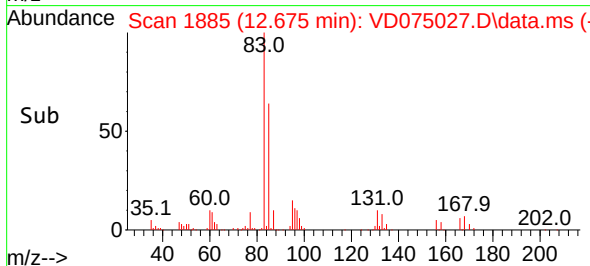
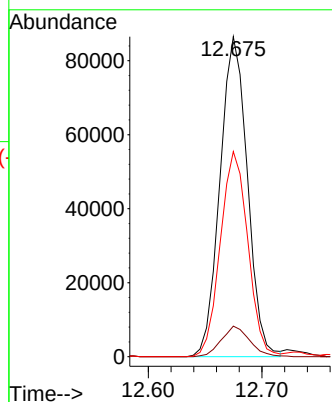
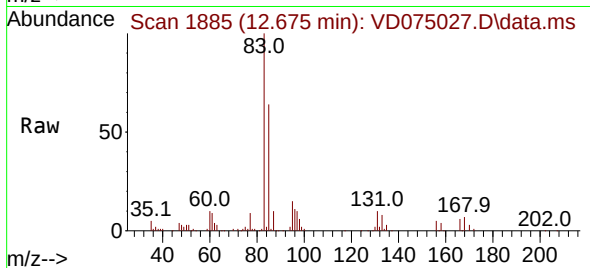
Tgt Ion: 83 Resp: 145216

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

85 64.2 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 64.129 ug/l m

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075027.D

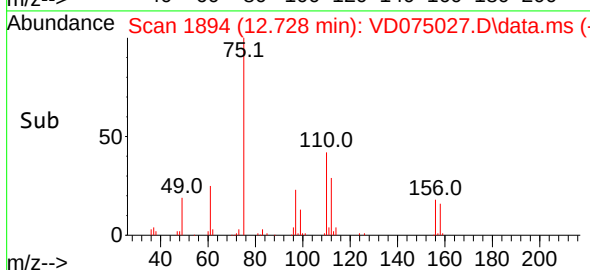
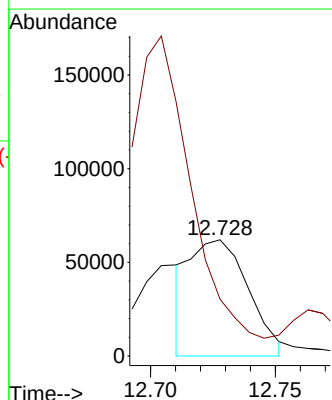
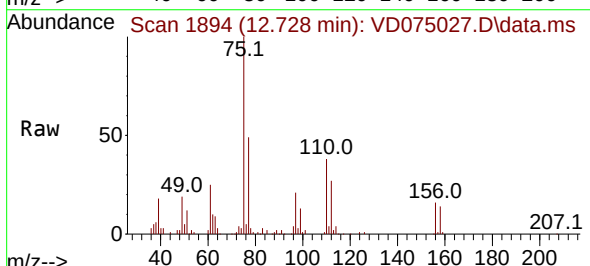
Acq: 15 Dec 2022 14:36

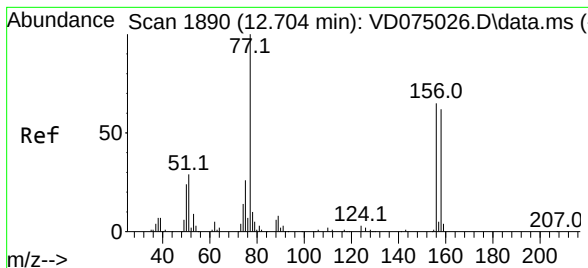
Tgt Ion: 75 Resp: 101270

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 99.158 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

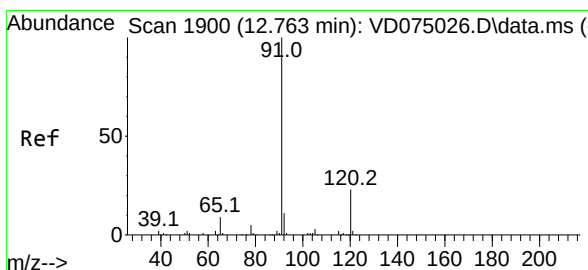
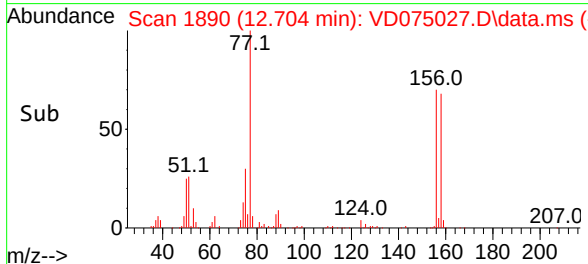
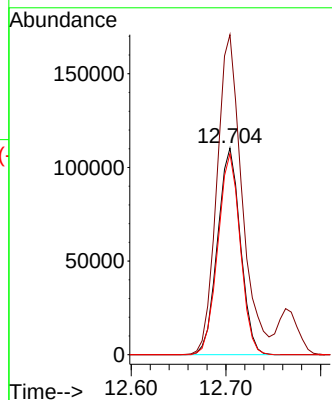
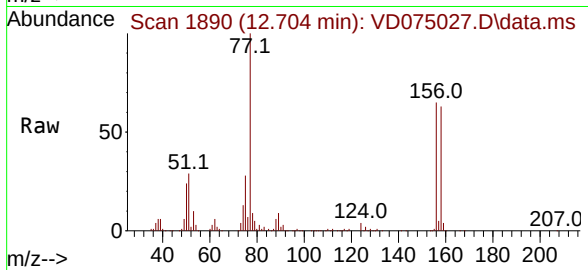
Tgt Ion:156 Resp: 184792

Ion Ratio Lower Upper

156 100

77 170.1 86.3 258.9

158 95.1 48.3 144.9



#78

n-propylbenzene

Concen: 99.852 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD075027.D

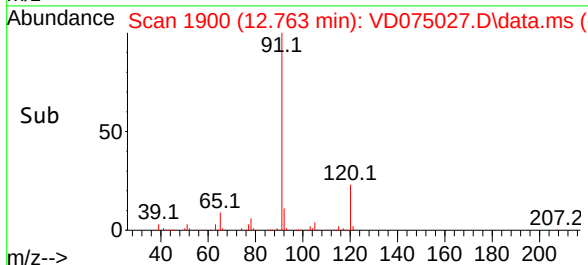
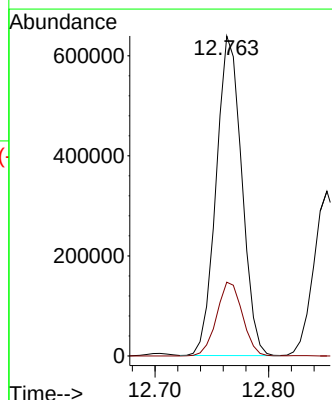
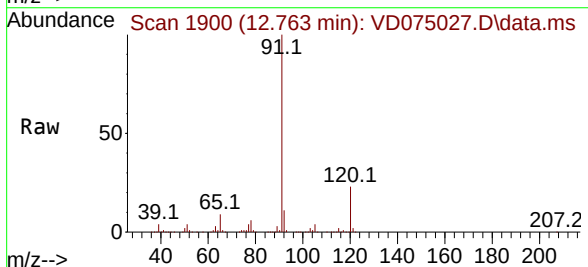
Acq: 15 Dec 2022 14:36

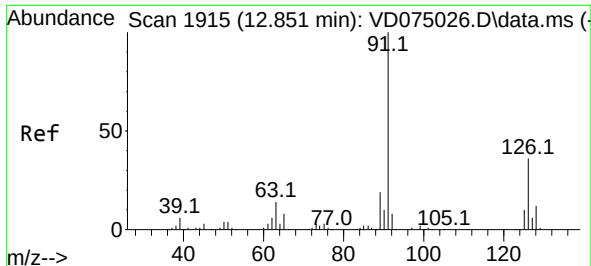
Tgt Ion: 91 Resp: 998807

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.7

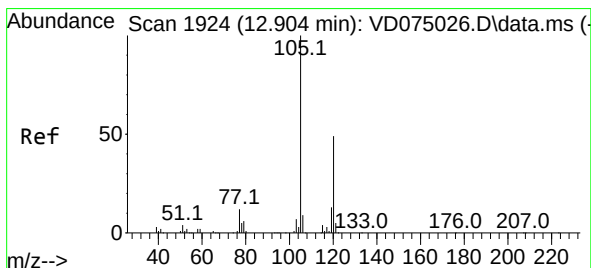
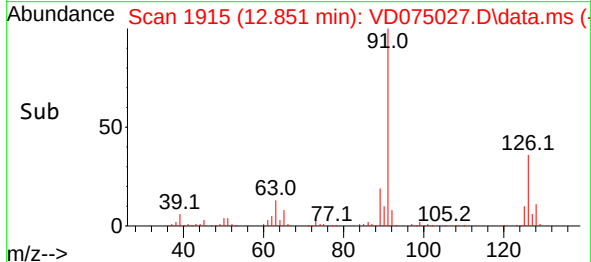
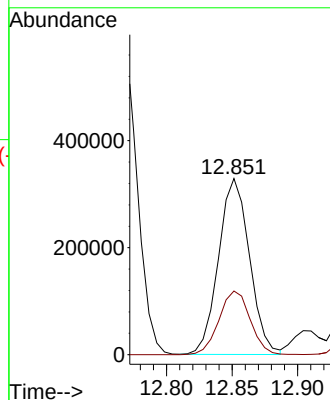
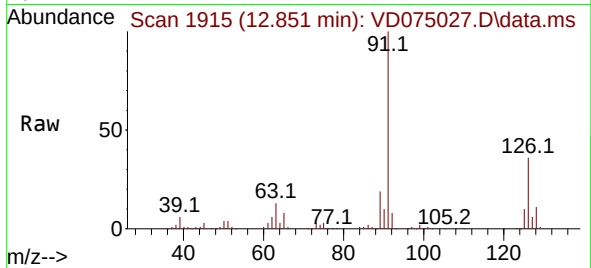




#79  
2-Chlorotoluene  
Concen: 98.178 ug/l  
RT: 12.851 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

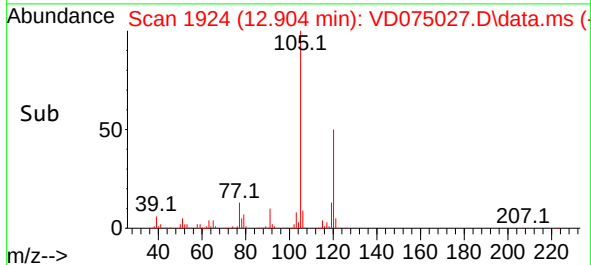
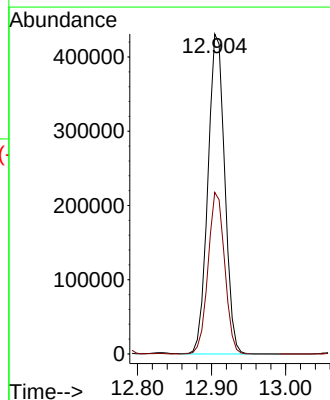
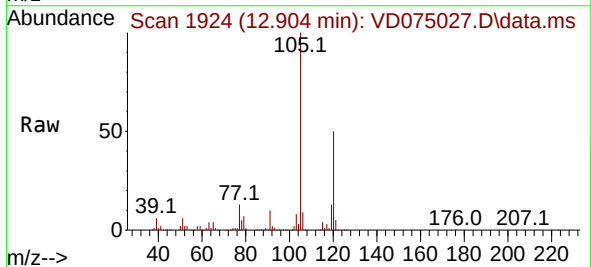
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

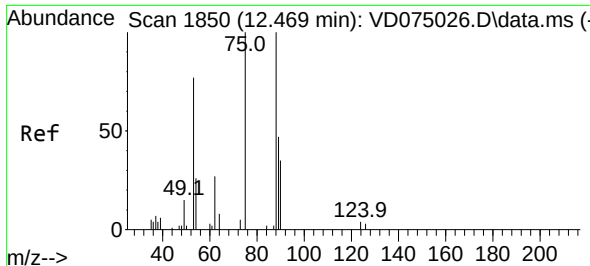
Tgt Ion: 91 Resp: 540956  
Ion Ratio Lower Upper  
91 100  
126 36.4 18.0 54.0



#80  
1,3,5-Trimethylbenzene  
Concen: 100.031 ug/l  
RT: 12.904 min Scan# 1924  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 105 Resp: 679501  
Ion Ratio Lower Upper  
105 100  
120 49.9 25.1 75.3

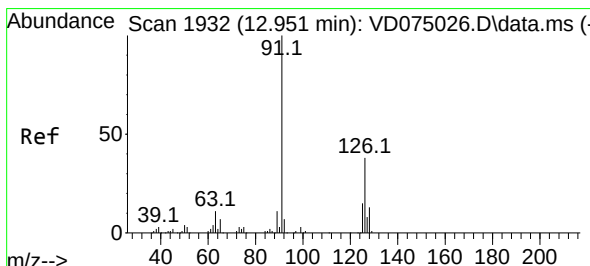
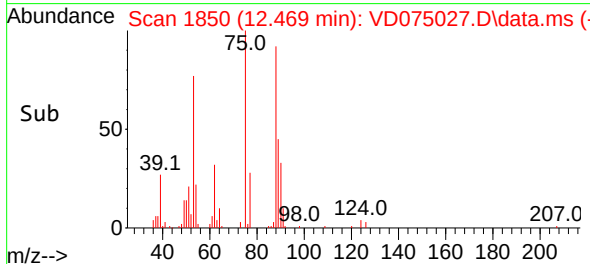
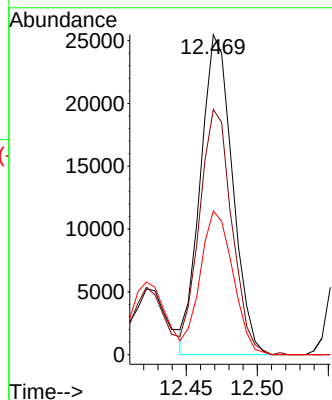
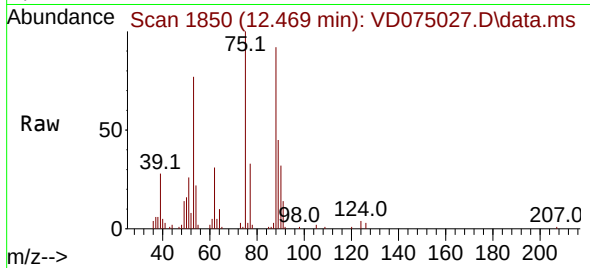




#81  
trans-1,4-Dichloro-2-butene  
Concen: 102.713 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

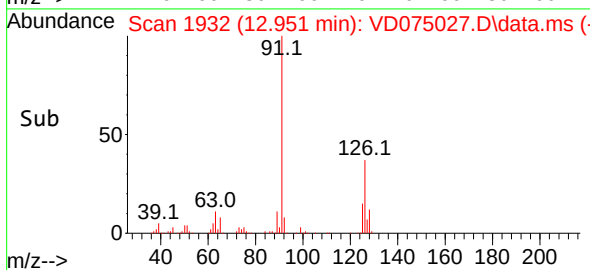
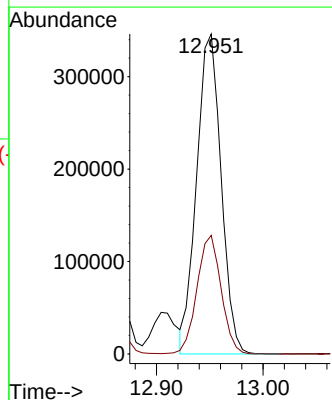
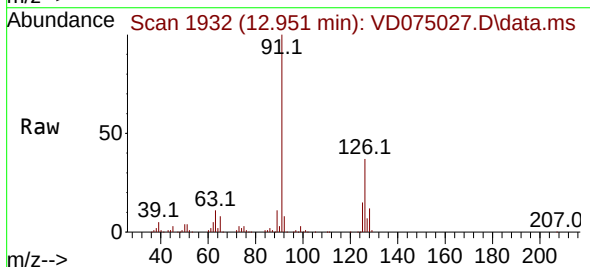
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

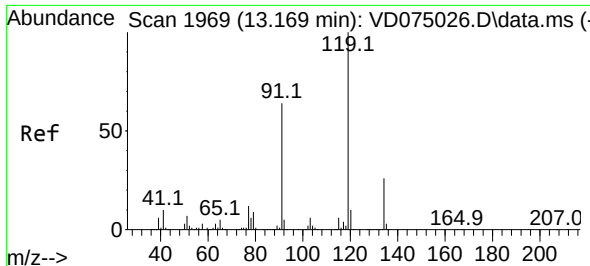
Tgt Ion: 75 Resp: 39954  
Ion Ratio Lower Upper  
75 100  
53 77.5 60.0 90.0  
89 46.0 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 97.073 ug/l  
RT: 12.951 min Scan# 1932  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 91 Resp: 553664  
Ion Ratio Lower Upper  
91 100  
126 36.6 18.1 54.1

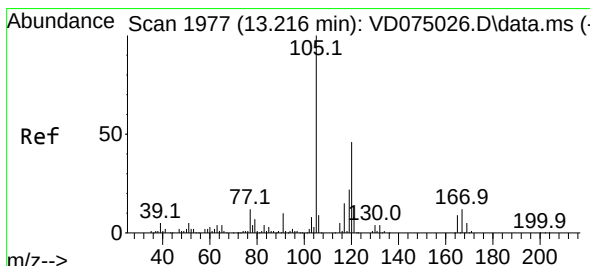
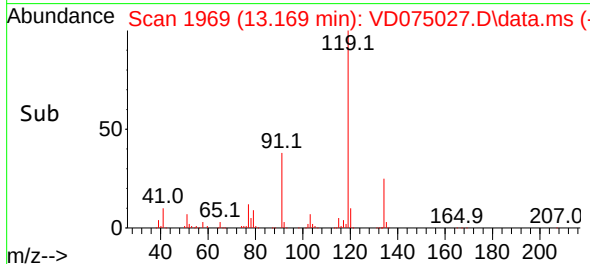
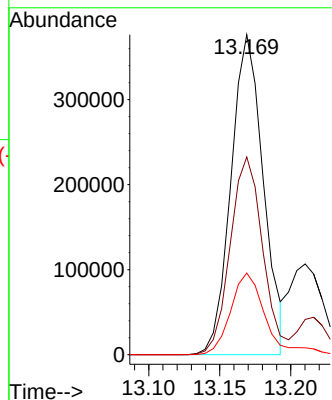
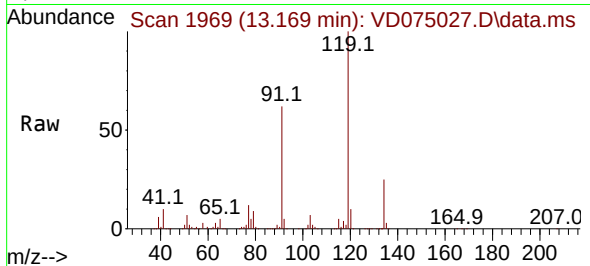




#83  
 tert-Butylbenzene  
 Concen: 101.663 ug/l  
 RT: 13.169 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD075027.D  
 Acq: 15 Dec 2022 14:36

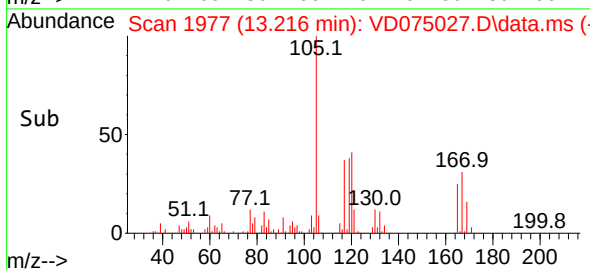
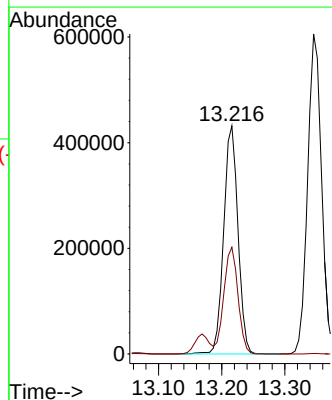
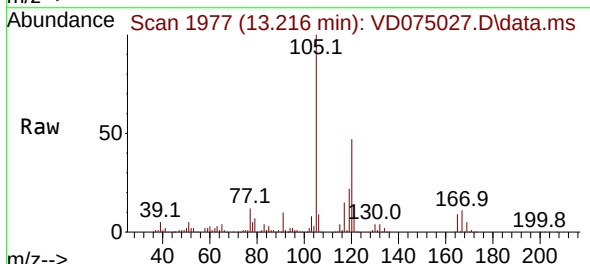
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

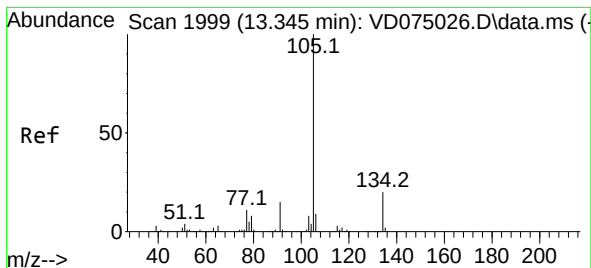
Tgt Ion:119 Resp: 596055  
 Ion Ratio Lower Upper  
 119 100  
 91 62.3 31.2 93.6  
 134 27.4 13.8 41.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 100.747 ug/l  
 RT: 13.216 min Scan# 1977  
 Delta R.T. 0.000 min  
 Lab File: VD075027.D  
 Acq: 15 Dec 2022 14:36

Tgt Ion:105 Resp: 678283  
 Ion Ratio Lower Upper  
 105 100  
 120 46.4 23.1 69.3





#85

sec-Butylbenzene

Concen: 100.856 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

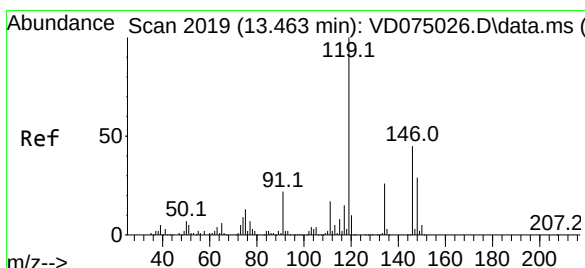
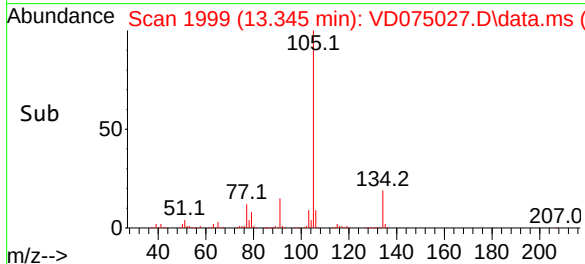
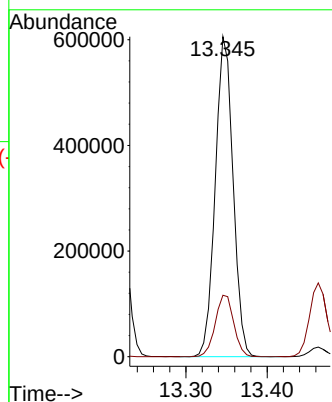
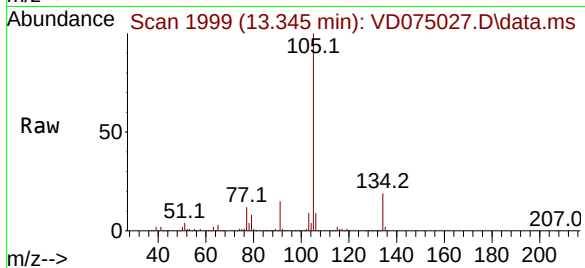
VSTDIC100

Tgt Ion:105 Resp: 922184

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 102.205 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

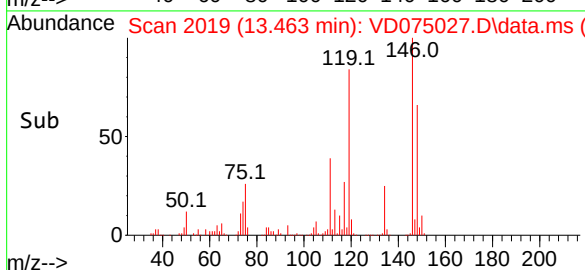
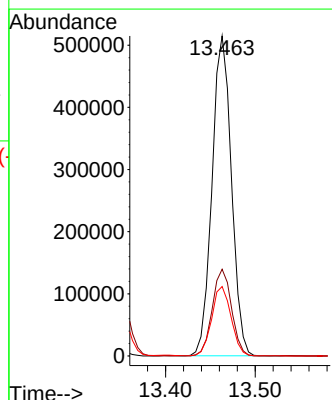
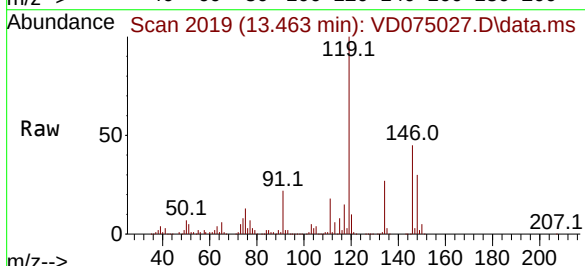
Tgt Ion:119 Resp: 771829

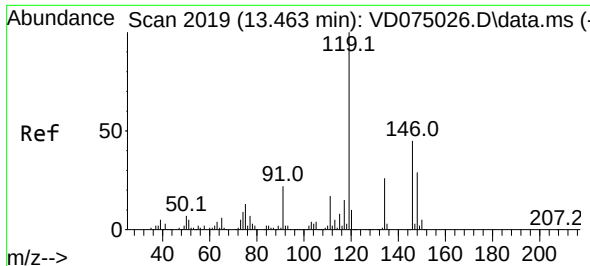
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 21.7 11.1 33.1

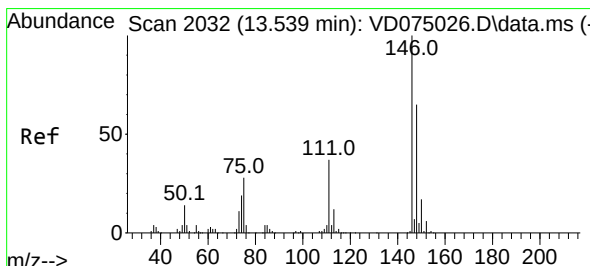
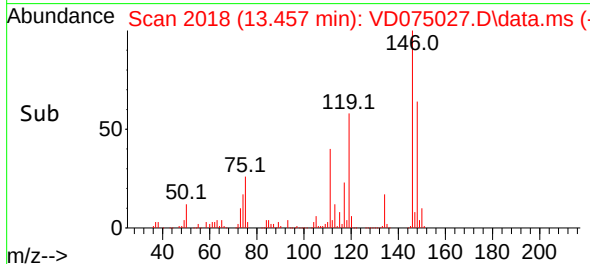
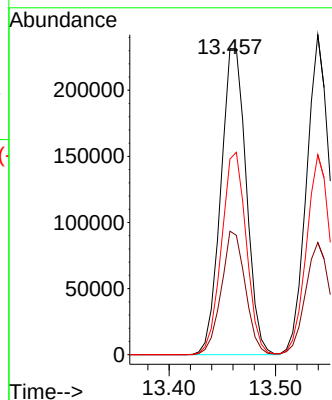
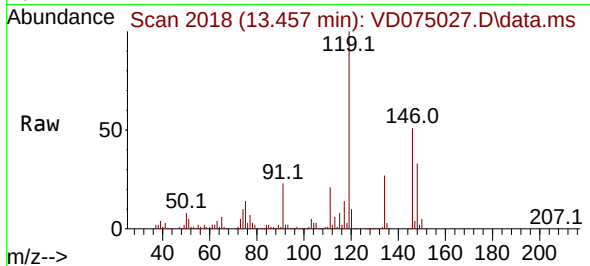




#87  
1,3-Dichlorobenzene  
Concen: 97.184 ug/l  
RT: 13.457 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

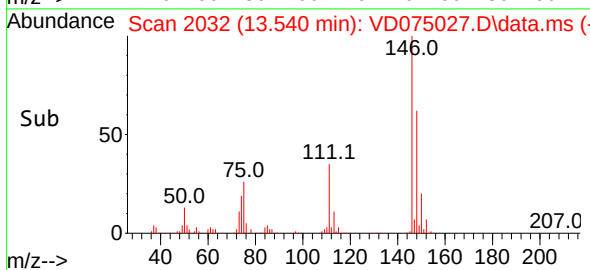
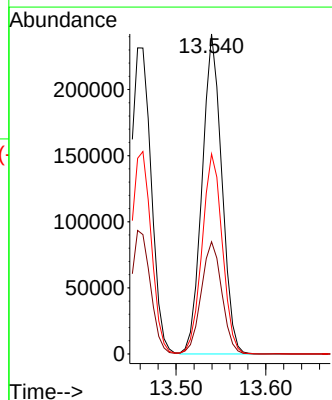
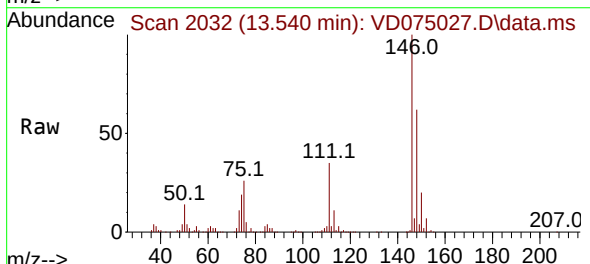
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Tgt Ion:146 Resp: 384284  
Ion Ratio Lower Upper  
146 100  
111 38.1 19.1 57.5  
148 64.3 31.7 95.1

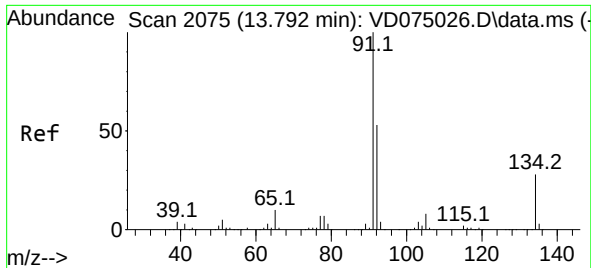


#88  
1,4-Dichlorobenzene  
Concen: 95.105 ug/l  
RT: 13.540 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion:146 Resp: 369706  
Ion Ratio Lower Upper  
146 100  
111 36.6 18.6 55.6  
148 64.1 32.0 96.2



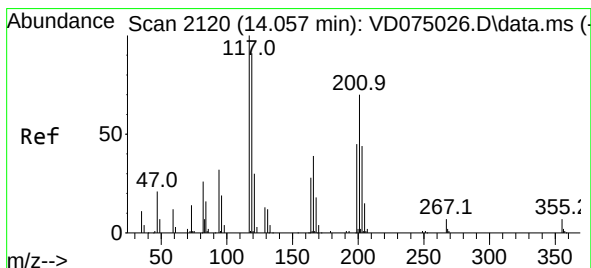
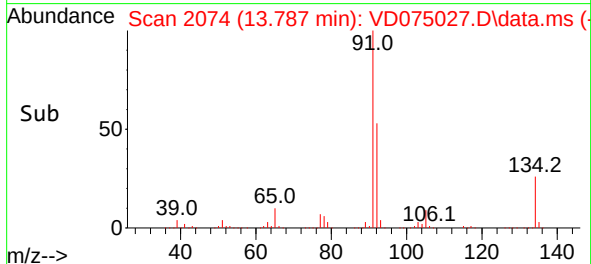
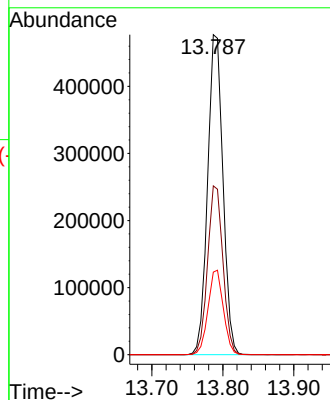
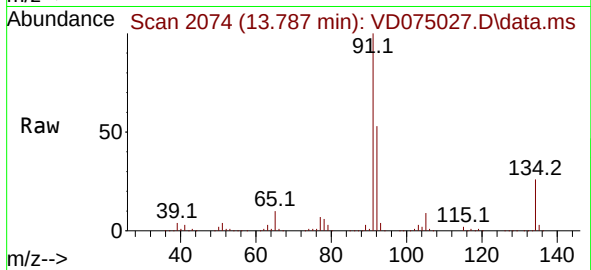




#89  
n-Butylbenzene  
Concen: 101.178 ug/l  
RT: 13.787 min Scan# 2074  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

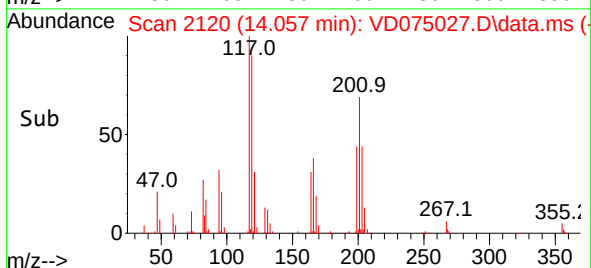
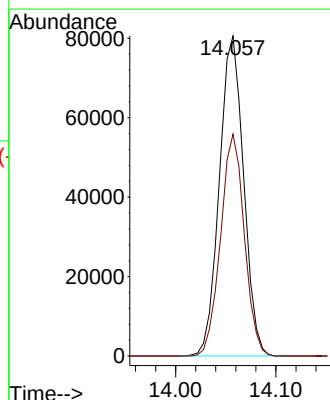
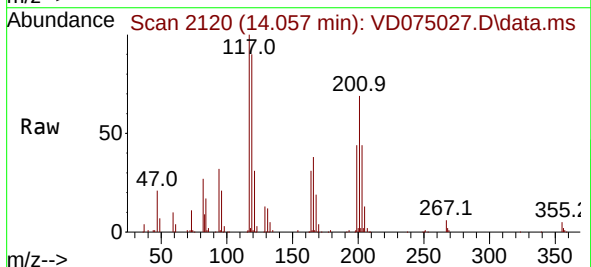
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

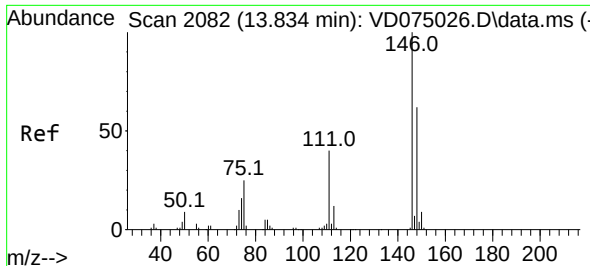
Tgt Ion: 91 Resp: 716618  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.8 80.3  
134 26.4 13.3 39.8



#90  
Hexachloroethane  
Concen: 99.516 ug/l  
RT: 14.057 min Scan# 2120  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion: 117 Resp: 135100  
Ion Ratio Lower Upper  
117 100  
201 67.8 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 96.602 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

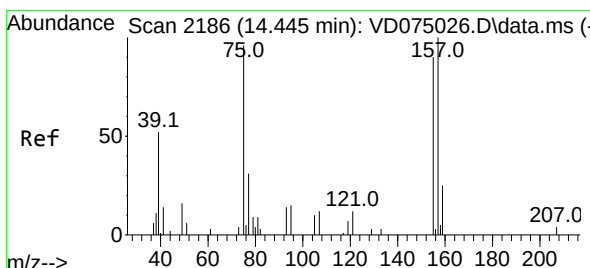
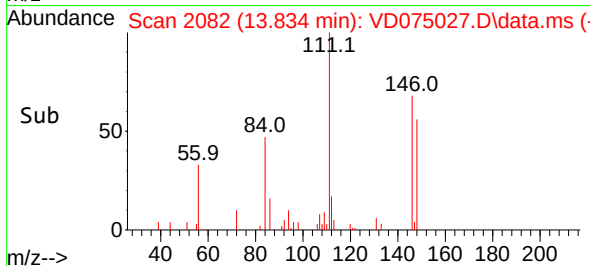
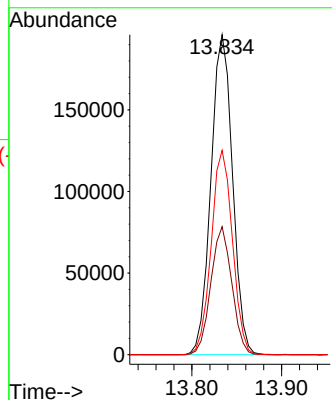
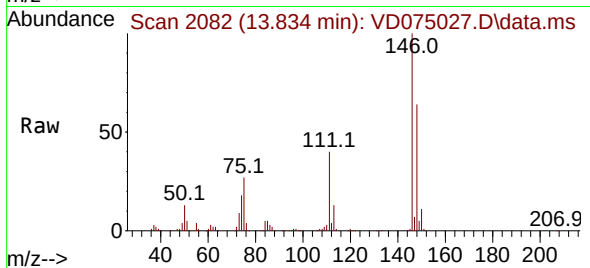
Tgt Ion:146 Resp: 327596

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 63.0 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.110 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD075027.D

Acq: 15 Dec 2022 14:36

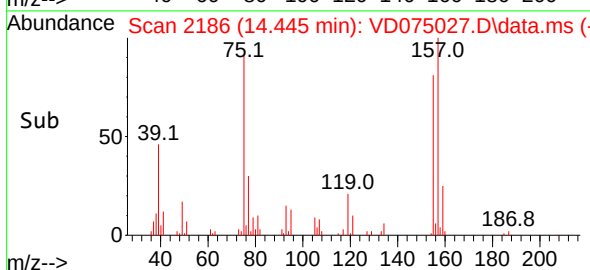
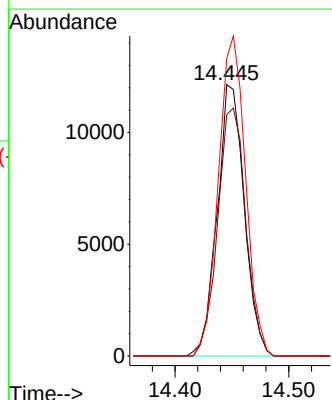
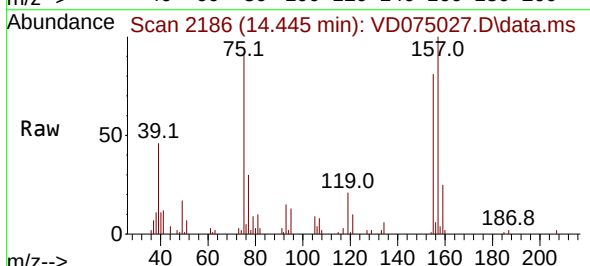
Tgt Ion: 75 Resp: 20114

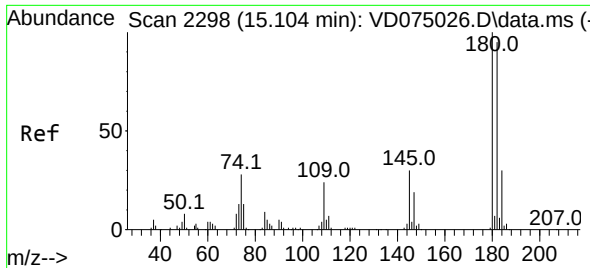
Ion Ratio Lower Upper

75 100

155 94.5 47.1 141.4

157 118.0 56.7 170.1

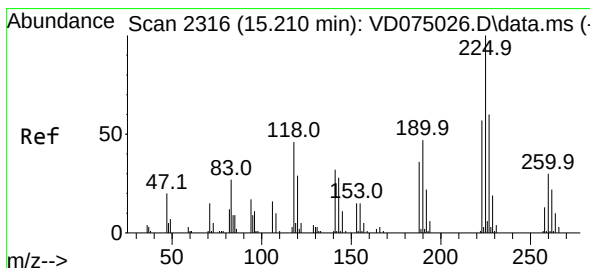
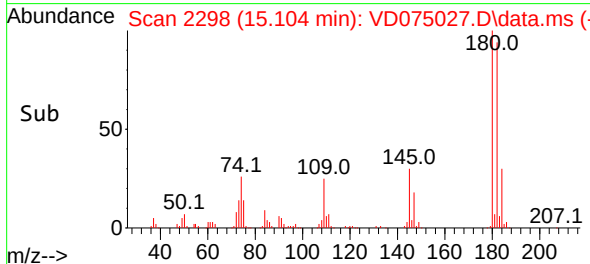
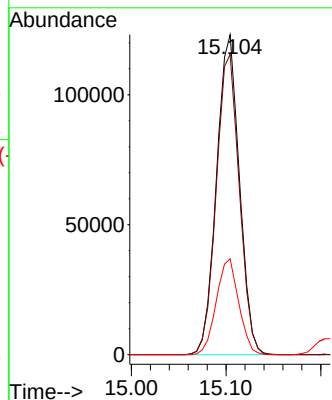
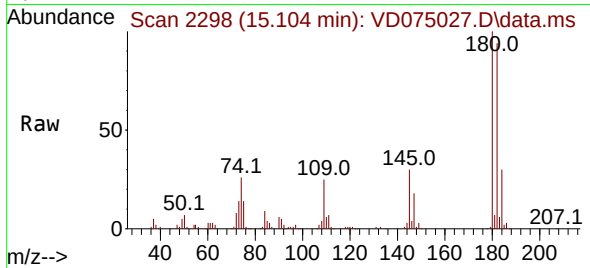




#93  
 1,2,4-Trichlorobenzene  
 Concen: 100.740 ug/l  
 RT: 15.104 min Scan# 2298  
 Delta R.T. 0.000 min  
 Lab File: VD075027.D  
 Acq: 15 Dec 2022 14:36

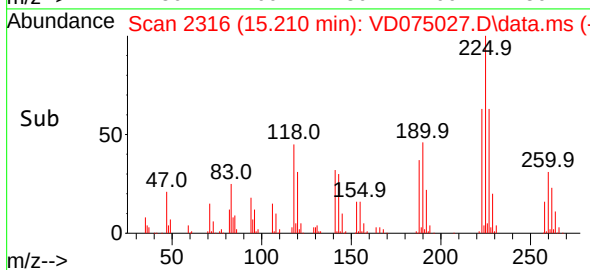
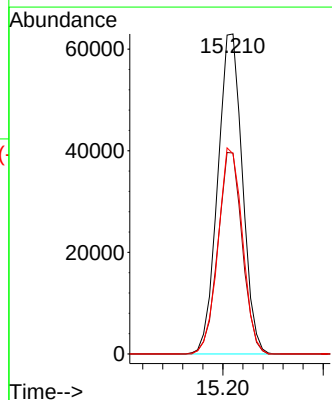
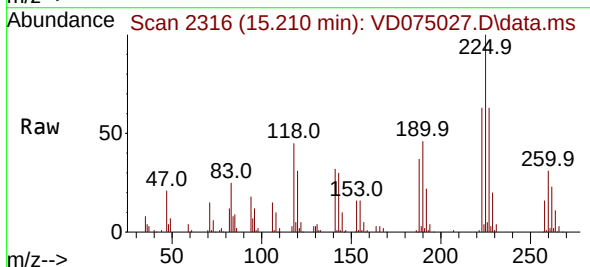
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

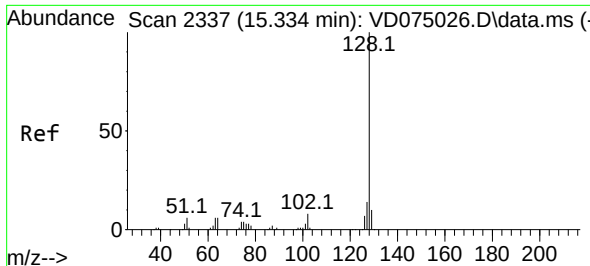
Tgt Ion:180 Resp: 206199  
 Ion Ratio Lower Upper  
 180 100  
 182 95.0 48.5 145.5  
 145 29.5 14.9 44.5



#94  
 Hexachlorobutadiene  
 Concen: 98.978 ug/l  
 RT: 15.210 min Scan# 2316  
 Delta R.T. 0.000 min  
 Lab File: VD075027.D  
 Acq: 15 Dec 2022 14:36

Tgt Ion:225 Resp: 107519  
 Ion Ratio Lower Upper  
 225 100  
 223 62.3 31.0 93.0  
 227 63.7 31.0 93.0

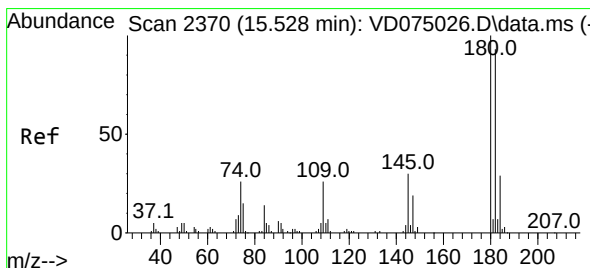
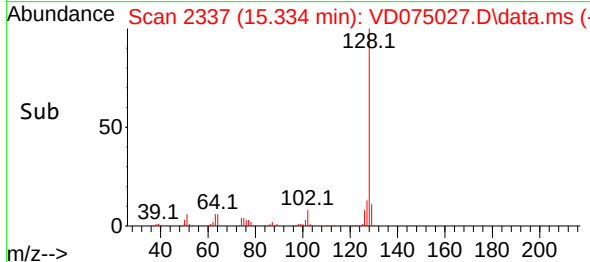
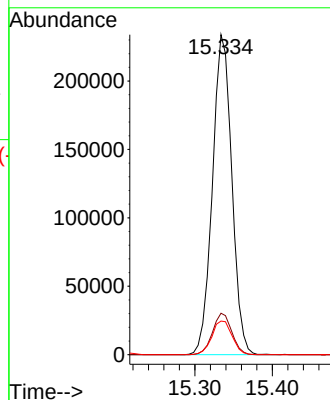
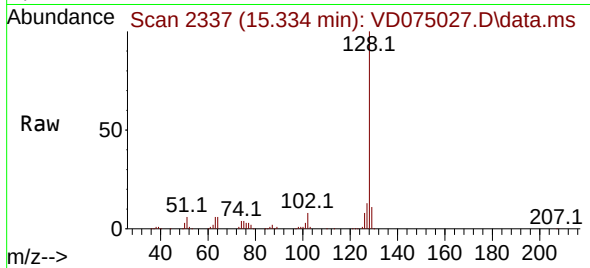




#95  
Naphthalene  
Concen: 106.788 ug/l  
RT: 15.334 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 407327  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.6 16.0  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 100.595 ug/l  
RT: 15.522 min Scan# 2369  
Delta R.T. -0.006 min  
Lab File: VD075027.D  
Acq: 15 Dec 2022 14:36

Tgt Ion:180 Resp: 180184  
Ion Ratio Lower Upper  
180 100  
182 94.2 46.3 138.9  
145 31.5 15.3 45.9

