

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051322\  
 Data File : VD072988.D  
 Acq On : 13 May 2022 14:32  
 Operator : VA/SY  
 Sample : VD0513SBS01  
 Misc : 5.00 G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS01

Quant Time: May 13 14:44:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050222S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 03 08:33:49 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 296323   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 482675   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 462120   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 230510   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 179825   | 46.750   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 93.500%  |
| 35) Dibromofluoromethane    | 7.908  | 113   | 186393   | 54.985   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 109.980% |
| 50) Toluene-d8              | 10.332 | 98    | 674403   | 55.462   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 110.920% |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 246816   | 54.436   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 108.880% |

|                              |       |     |        |         |        |    |
|------------------------------|-------|-----|--------|---------|--------|----|
| Target Compounds             |       |     |        |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 78750  | 19.232  | ug/l   | 99 |
| 3) Chloromethane             | 2.209 | 50  | 69450  | 16.309  | ug/l   | 97 |
| 4) Vinyl Chloride            | 2.344 | 62  | 68690  | 17.976  | ug/l   | 94 |
| 5) Bromomethane              | 2.750 | 94  | 49142  | 19.980  | ug/l   | 98 |
| 6) Chloroethane              | 2.909 | 64  | 41480  | 17.417  | ug/l   | 98 |
| 7) Trichlorofluoromethane    | 3.267 | 101 | 136109 | 20.342  | ug/l   | 95 |
| 8) Diethyl Ether             | 3.709 | 74  | 34082  | 17.767  | ug/l   | 93 |
| 9) 1,1,2-Trichlorotrifluo... | 4.091 | 101 | 80020  | 20.143  | ug/l   | 94 |
| 10) Methyl Iodide            | 4.291 | 142 | 62973  | 15.796  | ug/l   | 99 |
| 11) Tert butyl alcohol       | 5.185 | 59  | 52921  | 159.016 | ug/l # | 74 |
| 12) 1,1-Dichloroethene       | 4.062 | 96  | 66011  | 18.474  | ug/l   | 91 |
| 13) Acrolein                 | 3.926 | 56  | 17907  | 65.012  | ug/l   | 98 |
| 14) Allyl chloride           | 4.714 | 41  | 106536 | 18.468  | ug/l   | 93 |
| 15) Acrylonitrile            | 5.420 | 53  | 80774  | 88.601  | ug/l   | 95 |
| 16) Acetone                  | 4.150 | 43  | 61450  | 75.628  | ug/l   | 92 |
| 17) Carbon Disulfide         | 4.403 | 76  | 195704 | 17.419  | ug/l   | 96 |
| 18) Methyl Acetate           | 4.714 | 43  | 42025  | 19.930  | ug/l # | 80 |
| 19) Methyl tert-butyl Ether  | 5.473 | 73  | 152545 | 17.809  | ug/l   | 94 |
| 20) Methylene Chloride       | 4.956 | 84  | 107803 | 19.606  | ug/l   | 87 |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 80833  | 19.726  | ug/l   | 87 |
| 22) Diisopropyl ether        | 6.361 | 45  | 235937 | 18.592  | ug/l   | 90 |
| 23) Vinyl Acetate            | 6.303 | 43  | 585088 | 83.463  | ug/l # | 94 |
| 24) 1,1-Dichloroethane       | 6.256 | 63  | 145589 | 19.096  | ug/l   | 97 |
| 25) 2-Butanone               | 7.214 | 43  | 92233  | 82.296  | ug/l   | 94 |
| 26) 2,2-Dichloropropane      | 7.203 | 77  | 127787 | 19.826  | ug/l   | 99 |
| 27) cis-1,2-Dichloroethene   | 7.208 | 96  | 88247  | 18.802  | ug/l   | 92 |
| 28) Bromochloromethane       | 7.538 | 49  | 49448  | 17.392  | ug/l # | 83 |
| 29) Tetrahydrofuran          | 7.561 | 42  | 60020  | 84.018  | ug/l   | 92 |
| 30) Chloroform               | 7.702 | 83  | 155482 | 19.273  | ug/l   | 96 |
| 31) Cyclohexane              | 7.979 | 56  | 124969 | 18.585  | ug/l   | 87 |
| 32) 1,1,1-Trichloroethane    | 7.897 | 97  | 140530 | 20.439  | ug/l   | 94 |
| 36) 1,1-Dichloropropene      | 8.108 | 75  | 115776 | 21.004  | ug/l   | 98 |
| 37) Ethyl Acetate            | 7.291 | 43  | 45893  | 18.112  | ug/l # | 95 |
| 38) Carbon Tetrachloride     | 8.091 | 117 | 122303 | 21.375  | ug/l   | 94 |
| 39) Methylcyclohexane        | 9.349 | 83  | 125463 | 19.623  | ug/l   | 95 |
| 40) Benzene                  | 8.344 | 78  | 327845 | 20.596  | ug/l   | 95 |

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 Sample : VD0513SBS01  
 Misc : 5.00 G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS01

Quant Time: May 13 14:44:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050222S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 03 08:33:49 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 28247    | 18.722  | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 93317    | 19.454  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 84764    | 18.124  | ug/l   | 92       |
| 44) Trichloroethene           | 9.108  | 130  | 88449    | 20.770  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 83308    | 19.929  | ug/l   | 95       |
| 46) Dibromomethane            | 9.473  | 93   | 45159    | 19.584  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.655  | 83   | 118808   | 20.028  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.449  | 41   | 41028    | 17.932  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 9933     | 382.523 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 224966   | 92.569  | ug/l   | 95       |
| 52) Toluene                   | 10.396 | 92   | 207332   | 20.880  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 104521   | 19.182  | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene   | 10.079 | 75   | 127128   | 20.082  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 61021    | 19.575  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 66671    | 18.165  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 104300   | 19.497  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 151099   | 84.909  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.973 | 43   | 146798   | 89.769  | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.132 | 129  | 81117    | 20.671  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 59102    | 19.479  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.867 | 164  | 73905    | 21.874  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.661 | 112  | 222222   | 20.791  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 84785    | 21.107  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.738 | 91   | 390203   | 21.095  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.843 | 106  | 311622   | 43.734  | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 140731   | 21.148  | ug/l   | 95       |
| 70) Styrene                   | 12.185 | 104  | 248408   | 21.545  | ug/l   | 97       |
| 71) Bromoform                 | 12.349 | 173  | 43778    | 20.109  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.467 | 105  | 384262   | 21.426  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 82965    | 18.576  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 72320    | 19.976  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 87879    | 34.190  | ug/l # | 100      |
| 77) Bromobenzene              | 12.743 | 156  | 88246    | 20.721  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.808 | 91   | 487972   | 21.588  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 276579   | 20.947  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.943 | 105  | 329760   | 21.685  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.514 | 75   | 21299    | 19.055  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 12.990 | 91   | 295281   | 21.404  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.208 | 119  | 264377   | 20.449  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 331289   | 21.795  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.385 | 105  | 433406   | 22.226  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 346615   | 21.680  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 185969   | 21.677  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 180046   | 21.074  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.826 | 91   | 336047   | 21.698  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.090 | 117  | 70735    | 21.597  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 154401   | 20.650  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.485 | 75   | 11138    | 19.408  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 89793    | 20.278  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 52881    | 21.867  | ug/l   | 98       |
| 95) Naphthalene               | 15.379 | 128  | 147177   | 18.078  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 77371    | 19.711  | ug/l   | 97       |

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Operator : VA/SY  
Sample : VD0513SBS01  
Misc : 5.00 G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

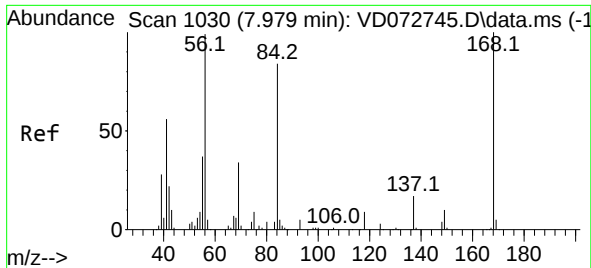
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

Quant Time: May 13 14:44:11 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050222S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 03 08:33:49 2022  
Response via : Initial Calibration

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

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

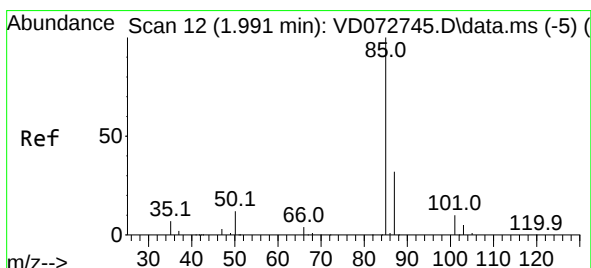
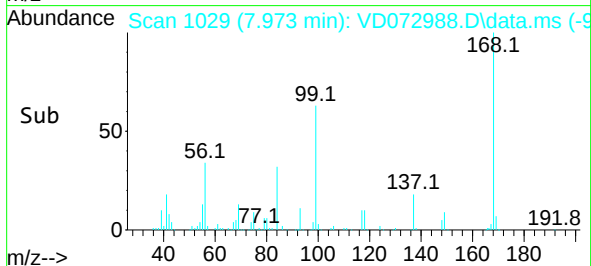
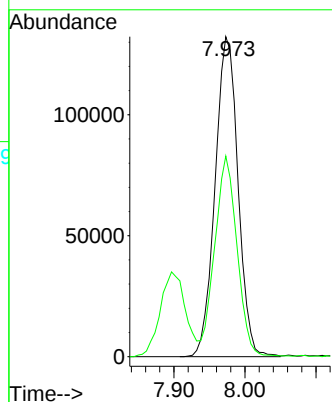
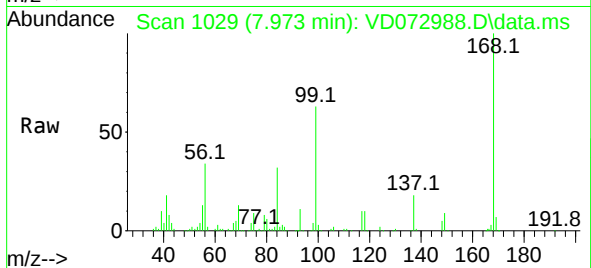




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

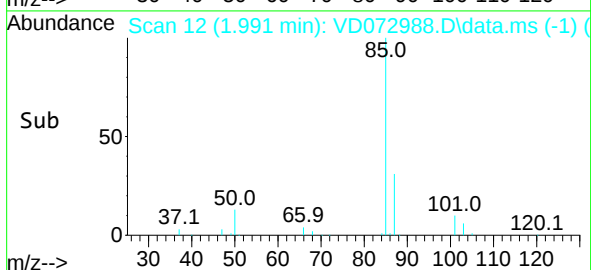
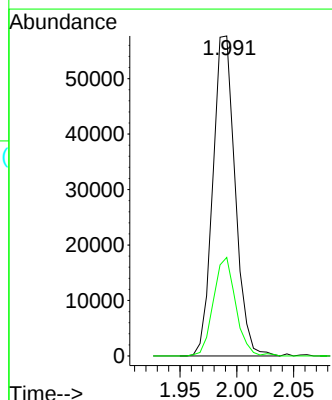
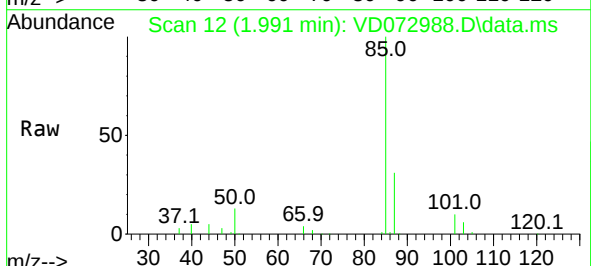
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

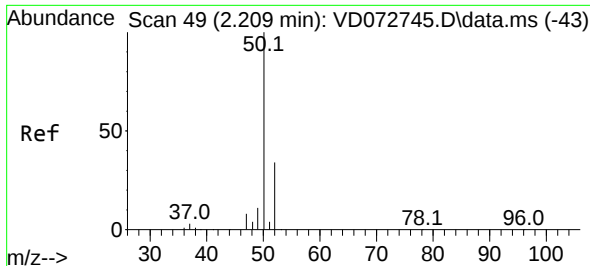
Tgt Ion:168 Resp: 296323  
Ion Ratio Lower Upper  
168 100  
99 62.5 49.8 74.6



#2  
Dichlorodifluoromethane  
Concen: 19.232 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 85 Resp: 78750  
Ion Ratio Lower Upper  
85 100  
87 30.8 15.7 47.0

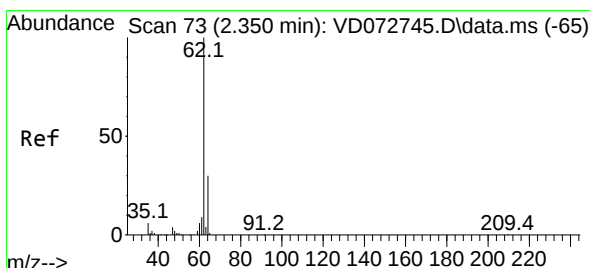
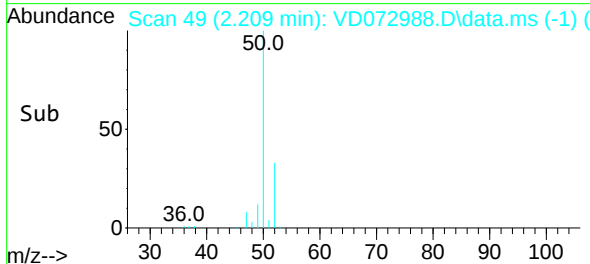
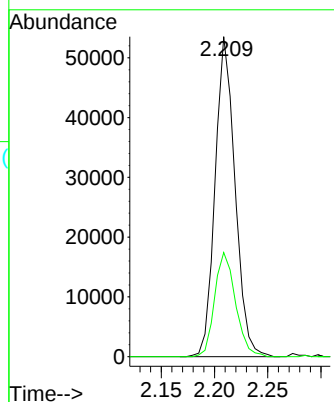
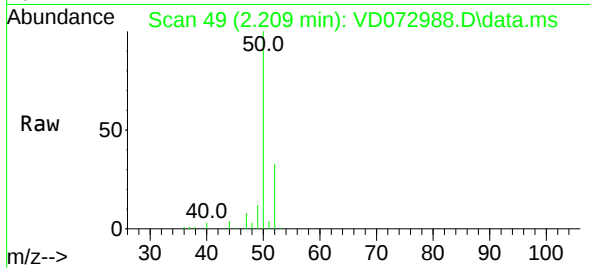




#3  
Chloromethane  
Concen: 16.309 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

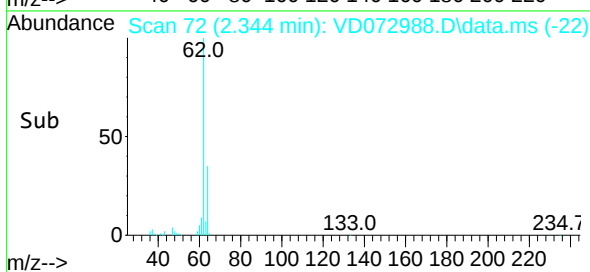
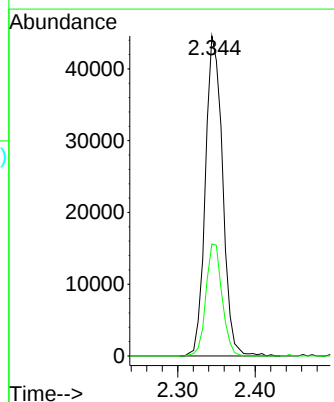
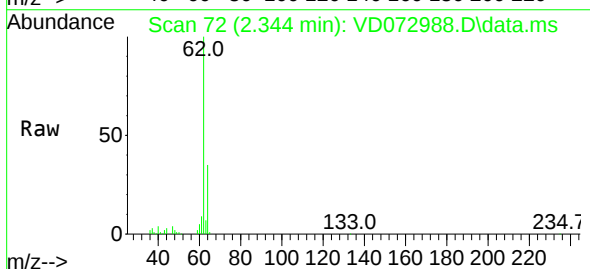
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

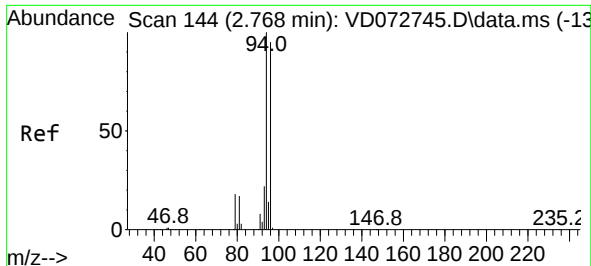
Tgt Ion: 50 Resp: 69450  
Ion Ratio Lower Upper  
50 100  
52 32.6 27.4 41.0



#4  
Vinyl Chloride  
Concen: 17.976 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.006 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 62 Resp: 68690  
Ion Ratio Lower Upper  
62 100  
64 35.0 25.4 38.0

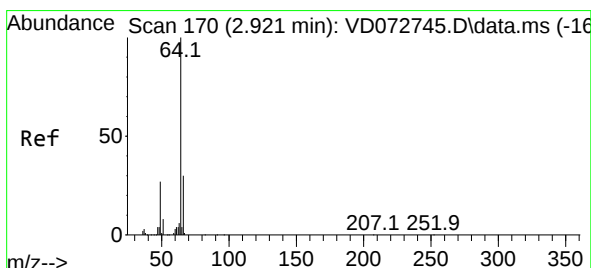
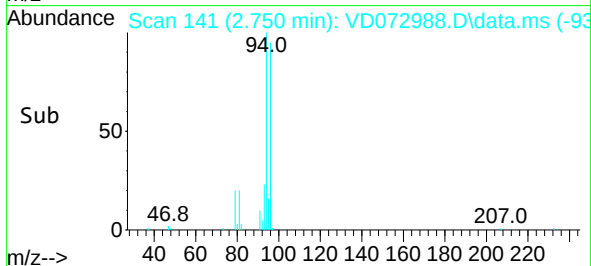
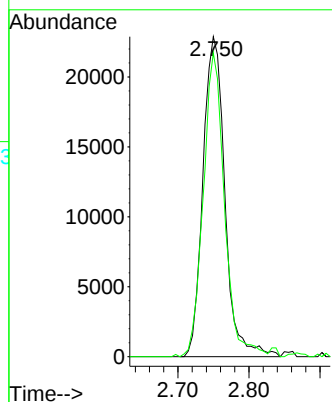
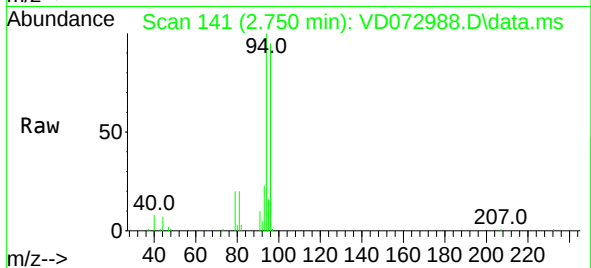




#5  
Bromomethane  
Concen: 19.980 ug/l  
RT: 2.750 min Scan# 144  
Delta R.T. -0.018 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

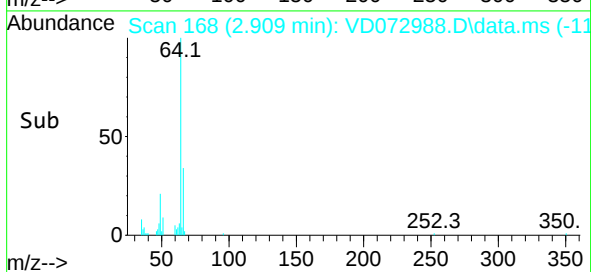
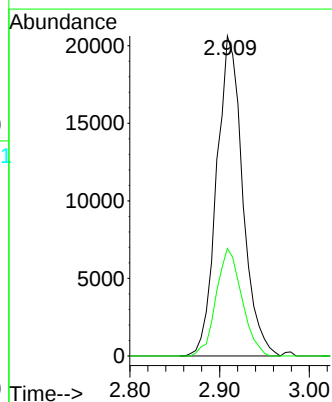
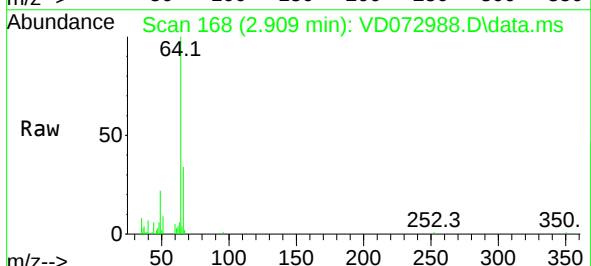
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

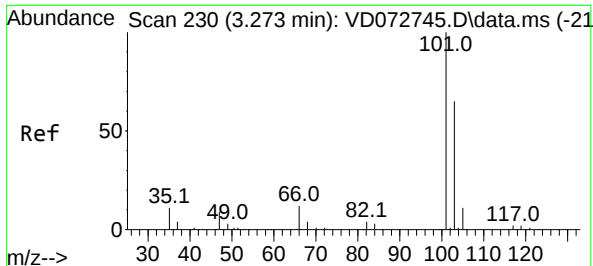
Tgt Ion: 94 Resp: 49142  
Ion Ratio Lower Upper  
94 100  
96 94.9 77.6 116.4



#6  
Chloroethane  
Concen: 17.417 ug/l  
RT: 2.909 min Scan# 168  
Delta R.T. -0.012 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 64 Resp: 41480  
Ion Ratio Lower Upper  
64 100  
66 33.6 25.9 38.9

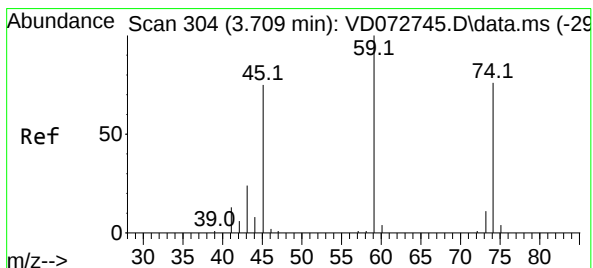
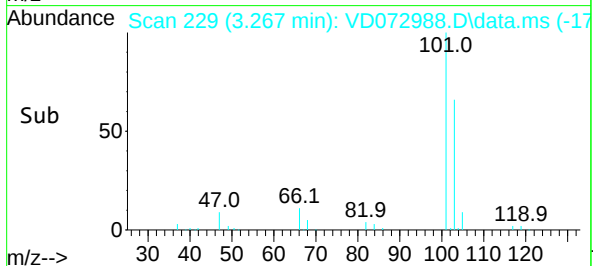
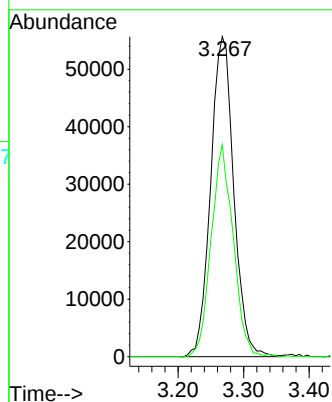
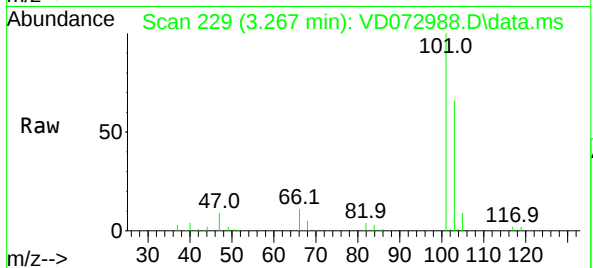




#7  
 Trichlorofluoromethane  
 Concen: 20.342 ug/l  
 RT: 3.267 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VD072988.D  
 Acq: 13 May 2022 14:32

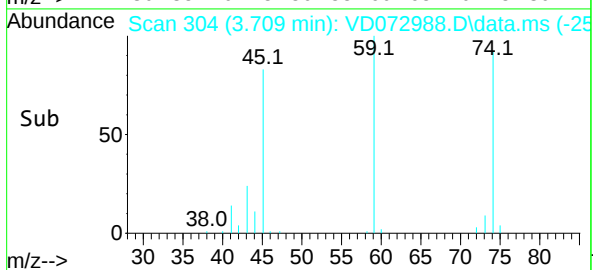
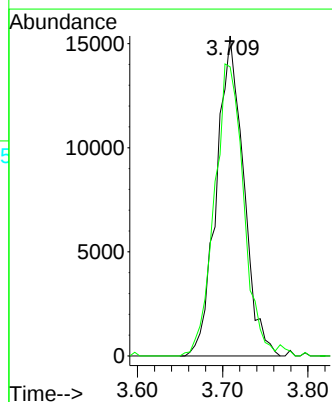
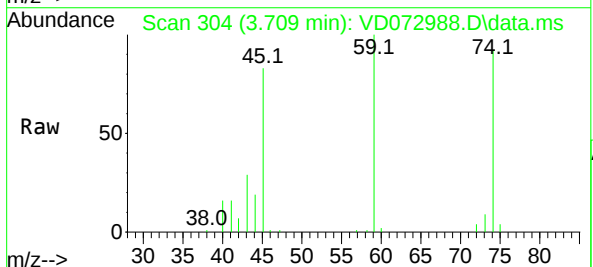
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS01

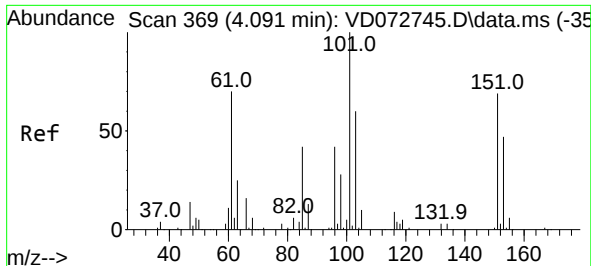
Tgt Ion:101 Resp: 136109  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 17.767 ug/l  
 RT: 3.709 min Scan# 304  
 Delta R.T. -0.000 min  
 Lab File: VD072988.D  
 Acq: 13 May 2022 14:32

Tgt Ion: 74 Resp: 34082  
 Ion Ratio Lower Upper  
 74 100  
 45 97.6 52.6 157.8

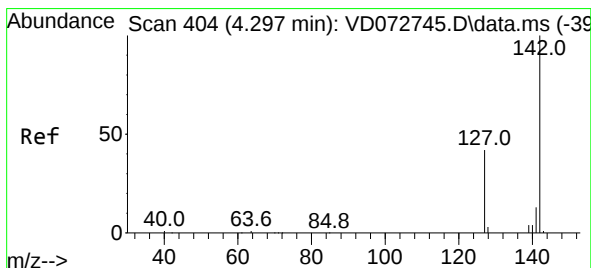
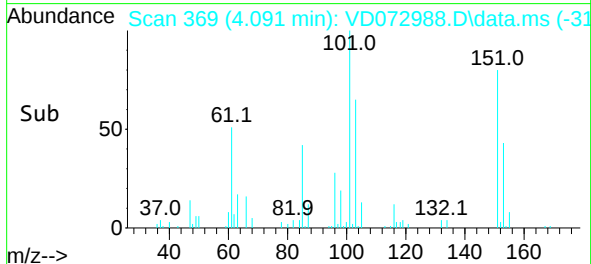
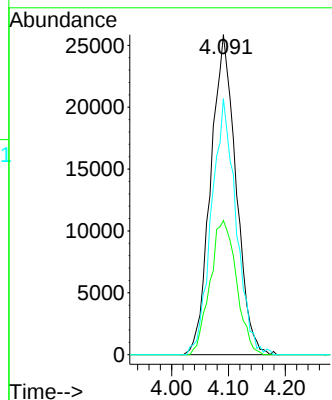
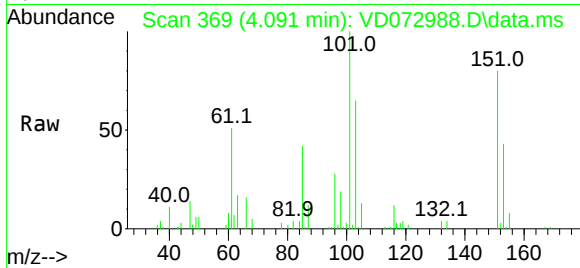




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.143 ug/l  
RT: 4.091 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

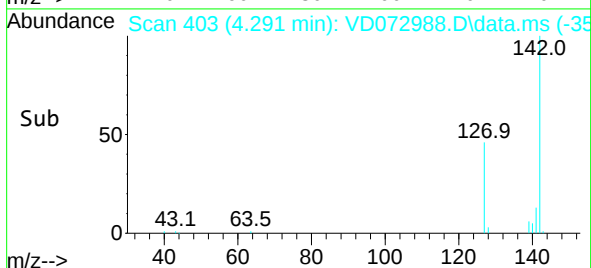
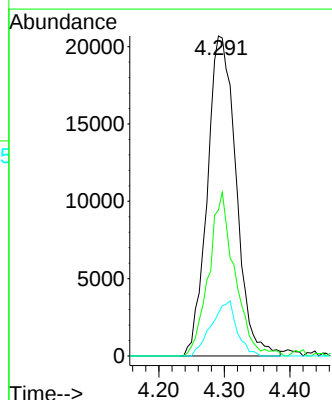
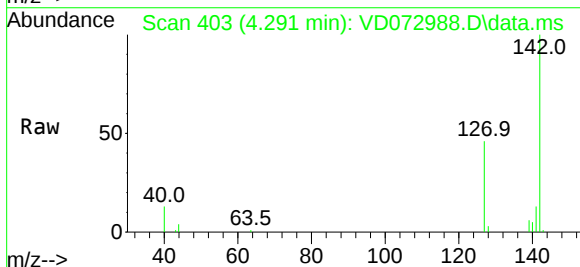
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

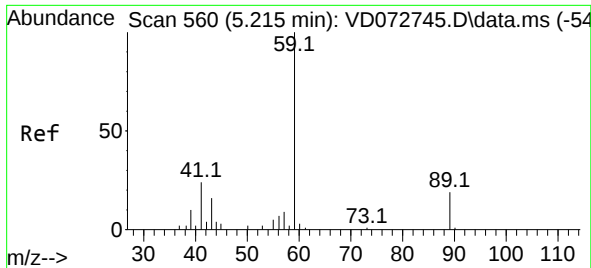
Tgt Ion:101 Resp: 80020  
Ion Ratio Lower Upper  
101 100  
85 43.6 36.4 54.6  
151 77.7 57.3 85.9



#10  
Methyl Iodide  
Concen: 15.796 ug/l  
RT: 4.291 min Scan# 403  
Delta R.T. -0.006 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion:142 Resp: 62973  
Ion Ratio Lower Upper  
142 100  
127 46.4 37.3 55.9  
141 15.2 11.7 17.5

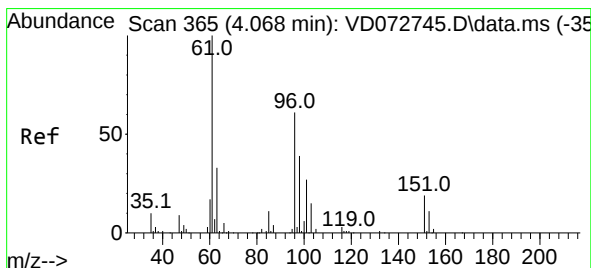
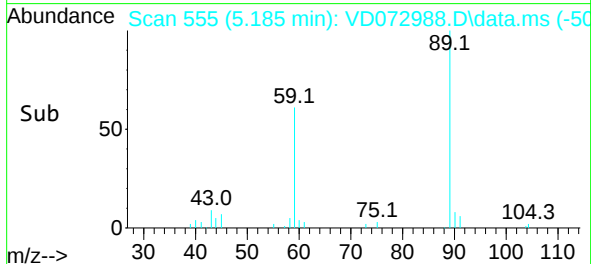
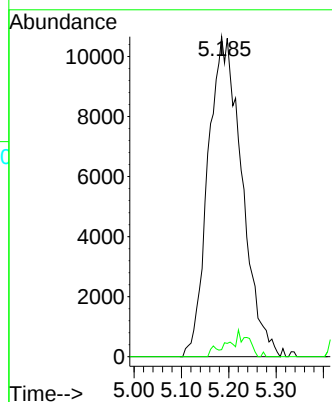
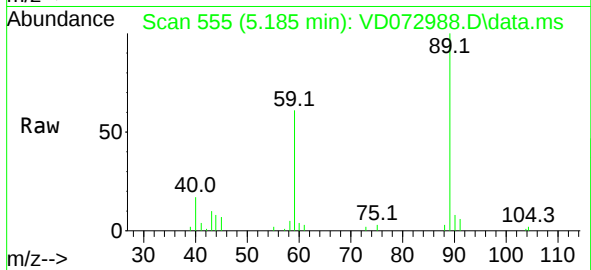




#11  
Tert butyl alcohol  
Concen: 159.016 ug/l  
RT: 5.185 min Scan# 51  
Delta R.T. -0.030 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

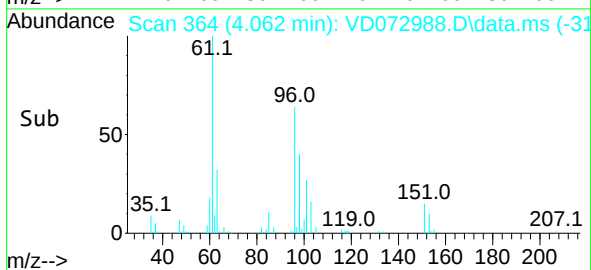
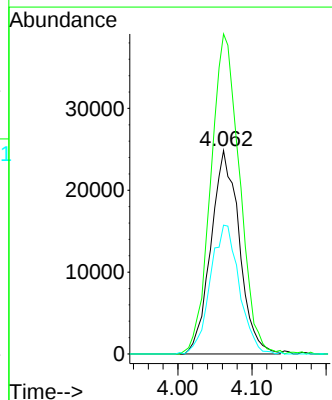
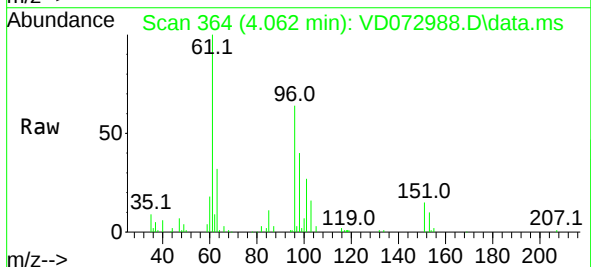
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

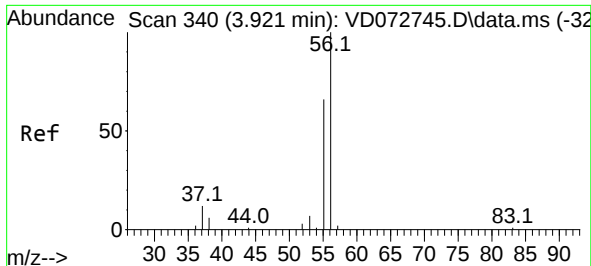
Tgt Ion: 59 Resp: 52921  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.6#



#12  
1,1-Dichloroethene  
Concen: 18.474 ug/l  
RT: 4.062 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 96 Resp: 66011  
Ion Ratio Lower Upper  
96 100  
61 157.3 138.5 207.7  
98 62.6 48.6 73.0

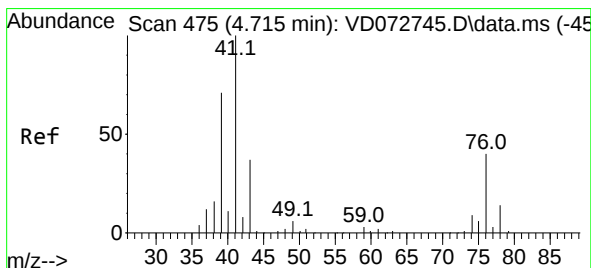
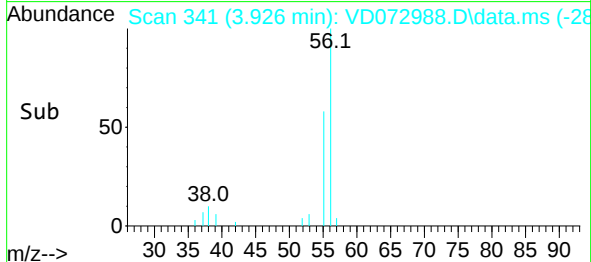
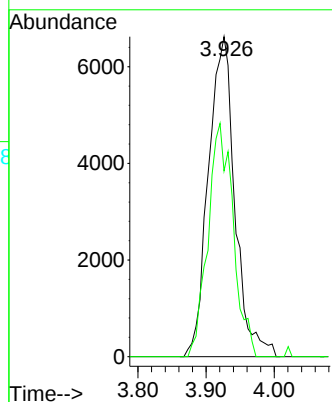
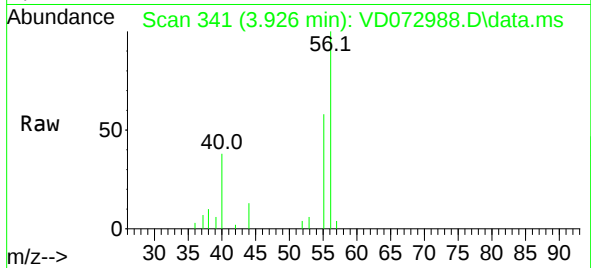




#13  
Acrolein  
Concen: 65.012 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.005 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

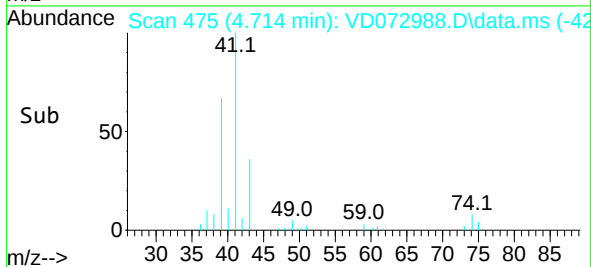
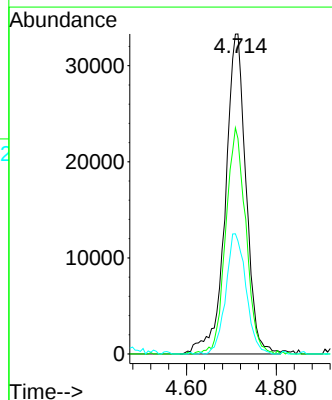
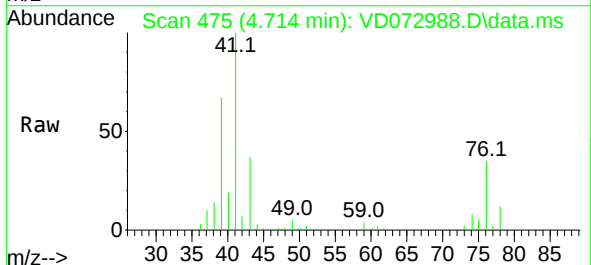
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

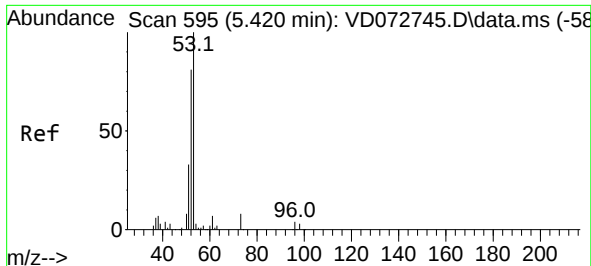
Tgt Ion: 56 Resp: 17907  
Ion Ratio Lower Upper  
56 100  
55 69.3 57.1 85.7



#14  
Allyl chloride  
Concen: 18.468 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.001 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

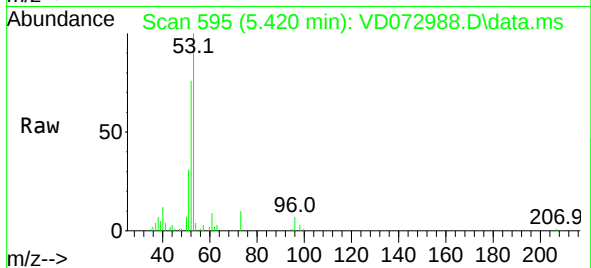
Tgt Ion: 41 Resp: 106536  
Ion Ratio Lower Upper  
41 100  
39 68.7 59.3 88.9  
76 36.8 25.7 38.5



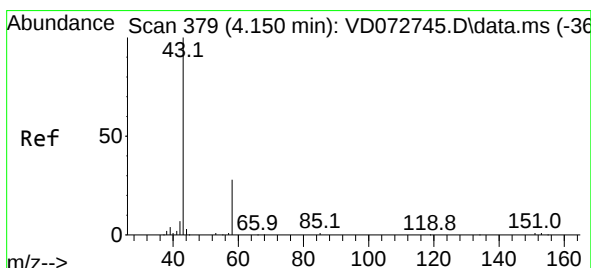
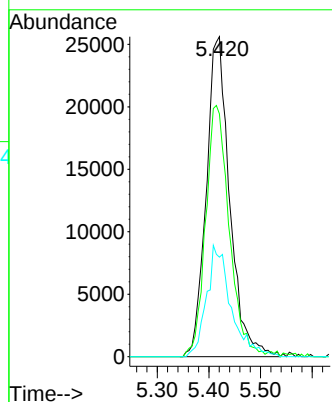
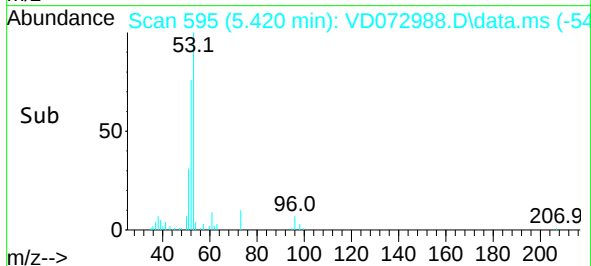


#15  
Acrylonitrile  
Concen: 88.601 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

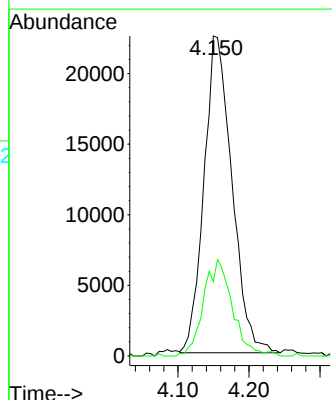
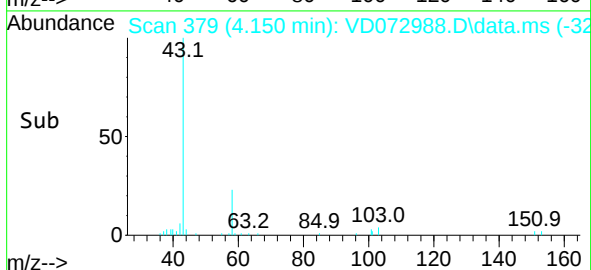
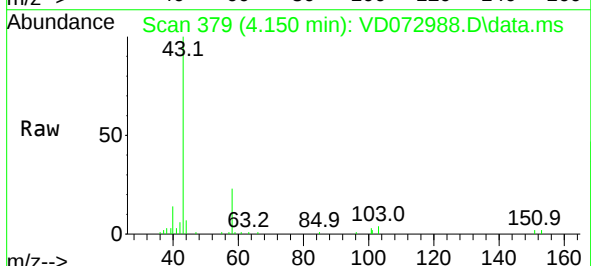


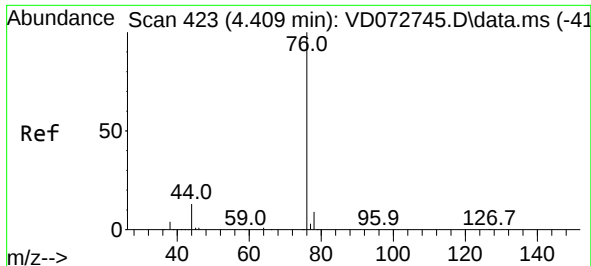
Tgt Ion: 53 Resp: 80774  
Ion Ratio Lower Upper  
53 100  
52 78.9 67.2 100.8  
51 36.2 30.3 45.5



#16  
Acetone  
Concen: 75.628 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 43 Resp: 61450  
Ion Ratio Lower Upper  
43 100  
58 23.5 22.1 33.1





#17

Carbon Disulfide

Concen: 17.419 ug/l

RT: 4.403 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

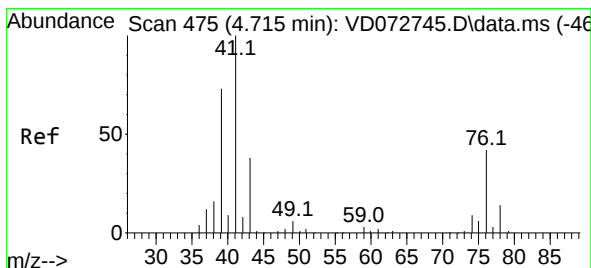
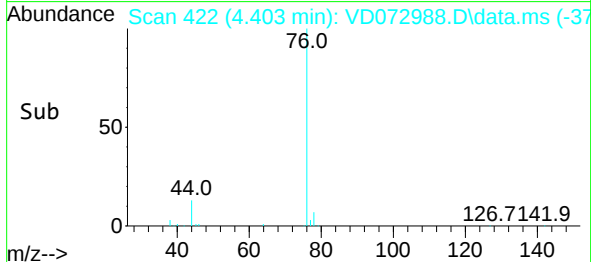
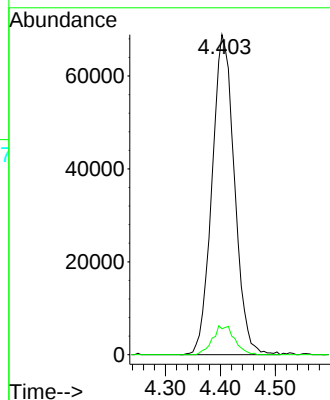
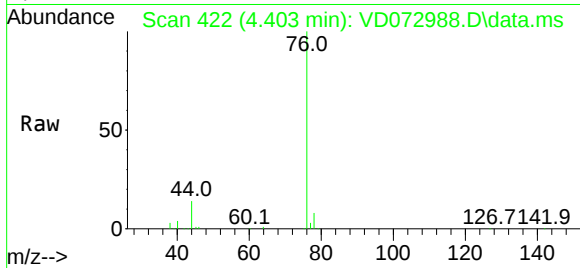
VD0513SBS01

Tgt Ion: 76 Resp: 195704

Ion Ratio Lower Upper

76 100

78 8.1 7.5 11.3



#18

Methyl Acetate

Concen: 19.930 ug/l

RT: 4.714 min Scan# 475

Delta R.T. -0.001 min

Lab File: VD072988.D

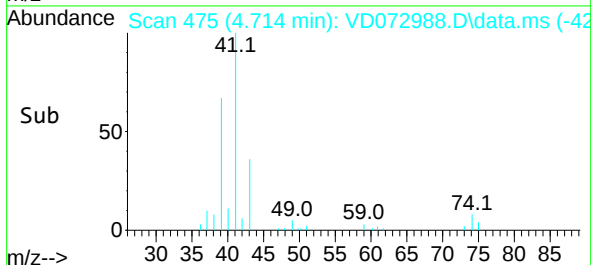
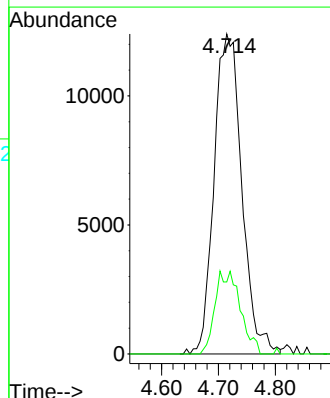
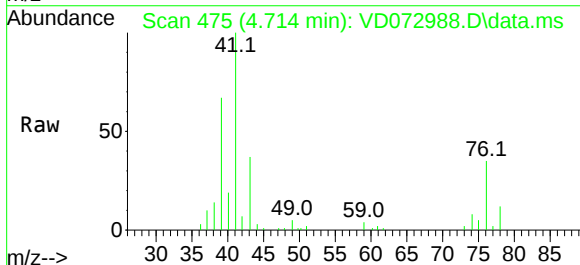
Acq: 13 May 2022 14:32

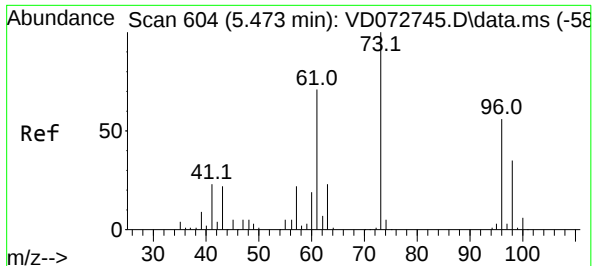
Tgt Ion: 43 Resp: 42025

Ion Ratio Lower Upper

43 100

74 11.7 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 17.809 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

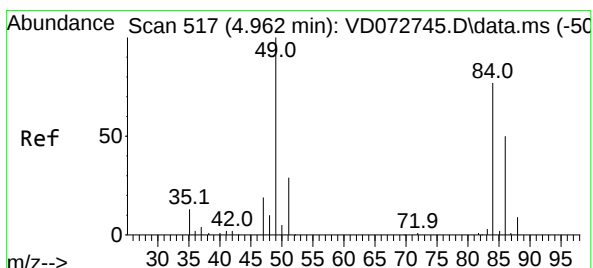
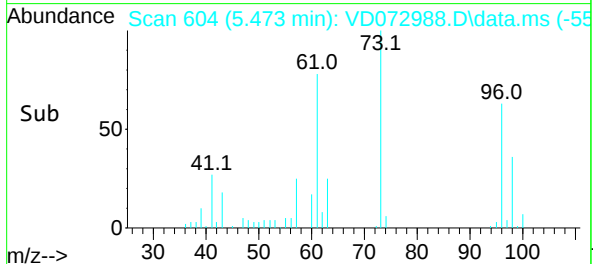
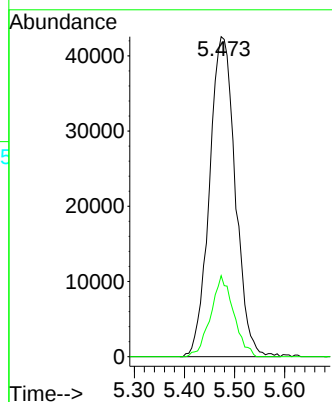
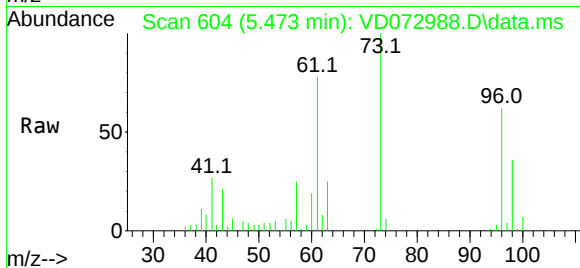
VD0513SBS01

Tgt Ion: 73 Resp: 152545

Ion Ratio Lower Upper

73 100

57 25.3 18.0 27.0



#20

Methylene Chloride

Concen: 19.606 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Tgt Ion: 84 Resp: 107803

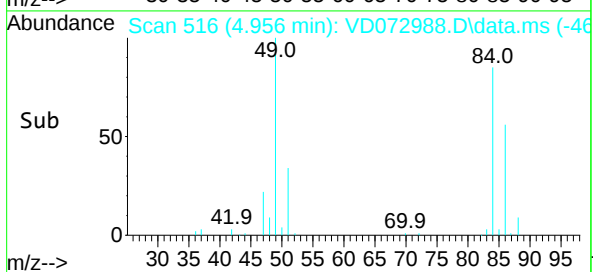
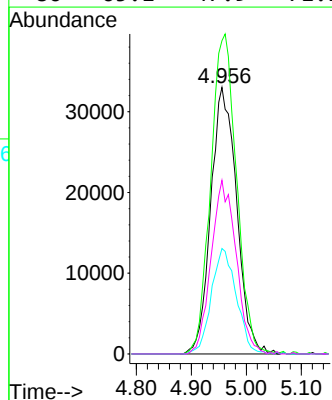
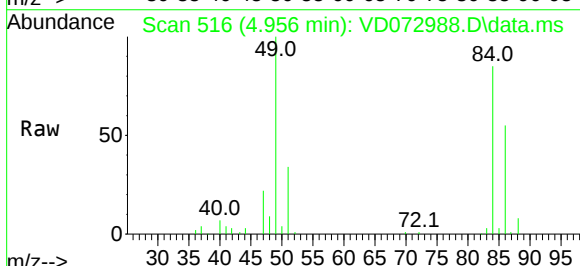
Ion Ratio Lower Upper

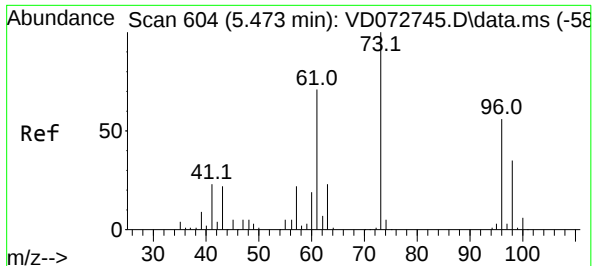
84 100

49 117.5 112.8 169.2

51 39.5 32.6 48.8

86 65.1 47.9 71.9

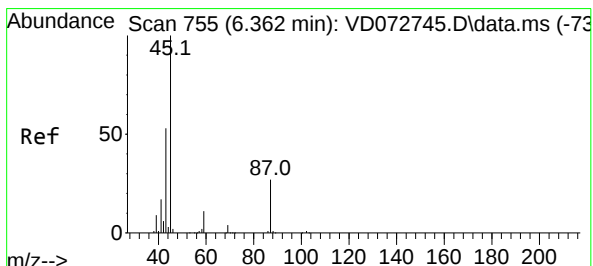
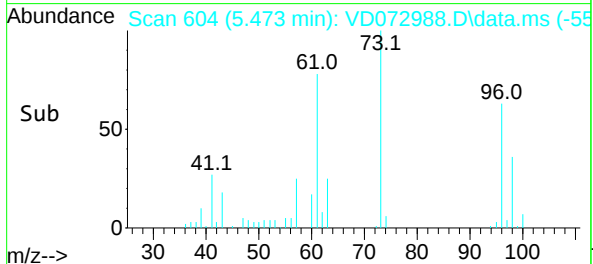
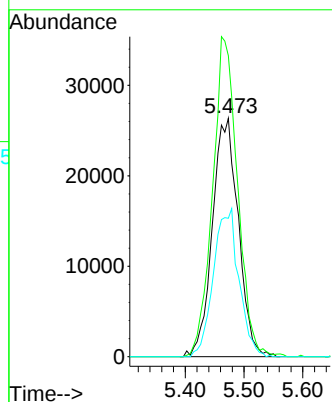
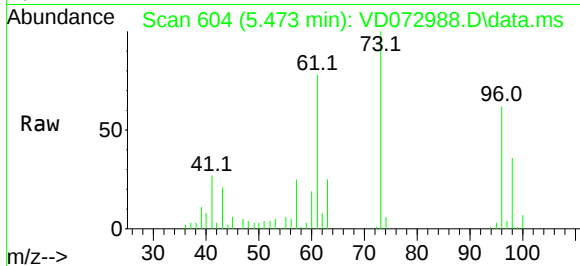




#21  
trans-1,2-Dichloroethene  
Concen: 19.726 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

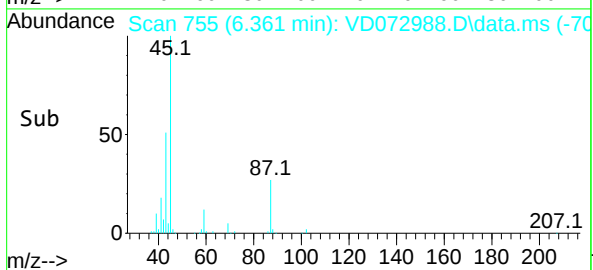
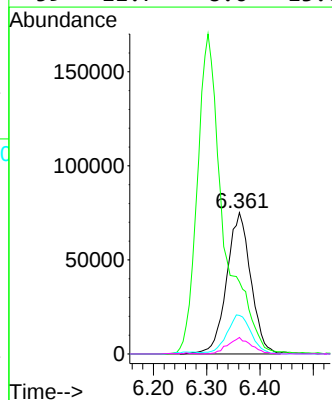
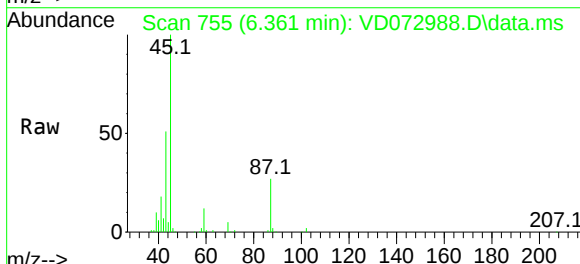
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

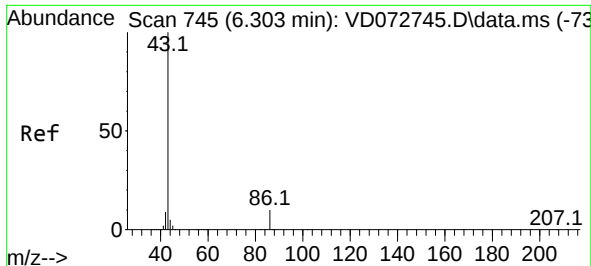
Tgt Ion: 96 Resp: 80833  
Ion Ratio Lower Upper  
96 100  
61 126.2 117.9 176.9  
98 58.1 49.4 74.2



#22  
Diisopropyl ether  
Concen: 18.592 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.001 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 45 Resp: 235937  
Ion Ratio Lower Upper  
45 100  
43 49.5 46.6 70.0  
87 27.0 18.4 27.6  
59 11.7 8.6 13.0

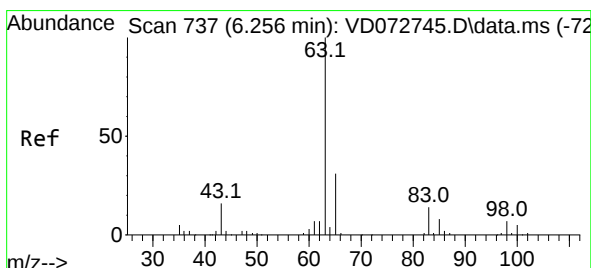
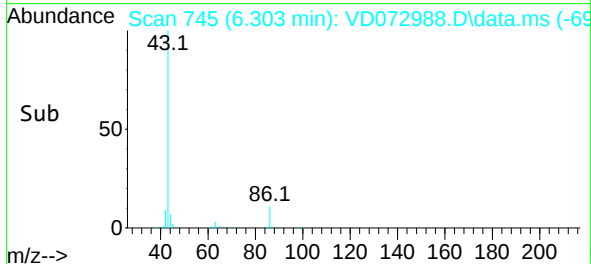
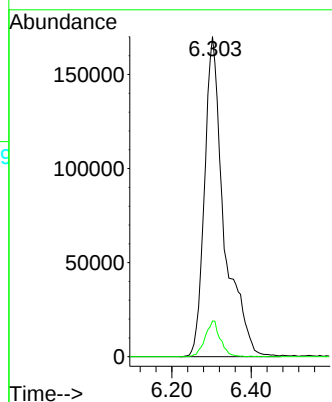
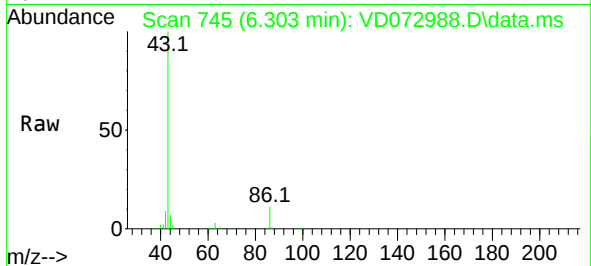




#23  
 Vinyl Acetate  
 Concen: 83.463 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD072988.D  
 Acq: 13 May 2022 14:32

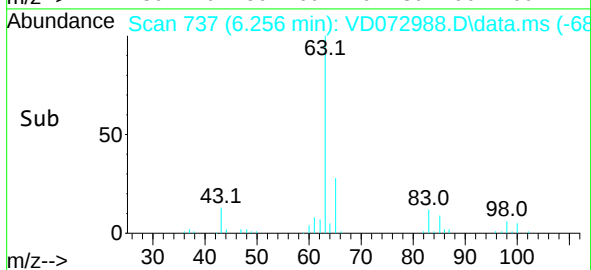
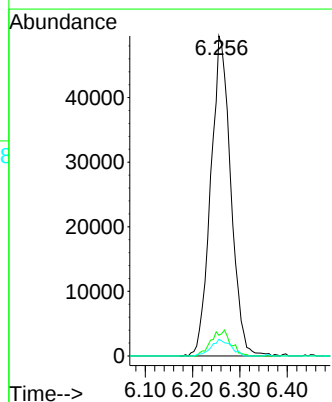
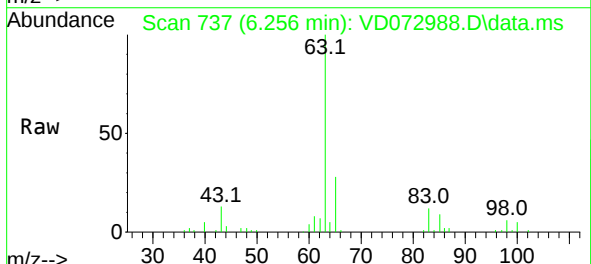
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS01

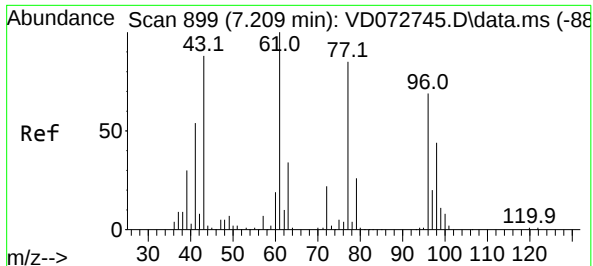
Tgt Ion: 43 Resp: 585088  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 19.096 ug/l  
 RT: 6.256 min Scan# 737  
 Delta R.T. -0.000 min  
 Lab File: VD072988.D  
 Acq: 13 May 2022 14:32

Tgt Ion: 63 Resp: 145589  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.6 10.9  
 100 5.2 2.1 6.5

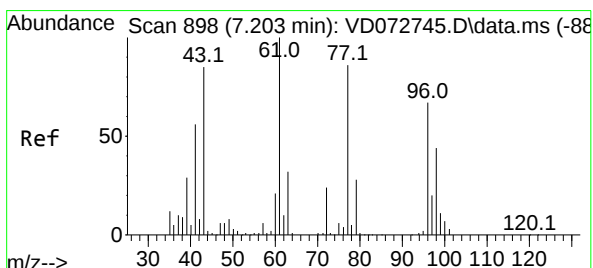
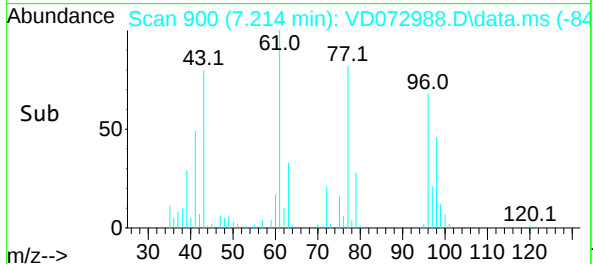
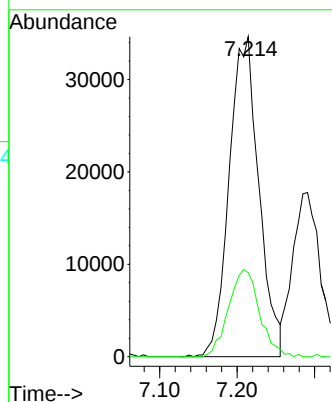
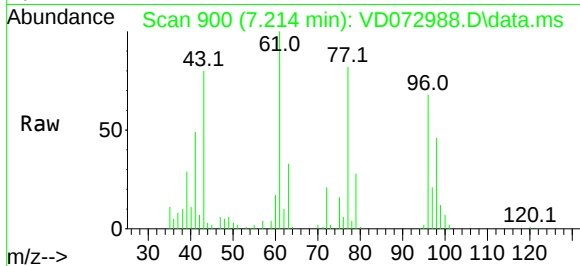




#25  
2-Butanone  
Concen: 82.296 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.005 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

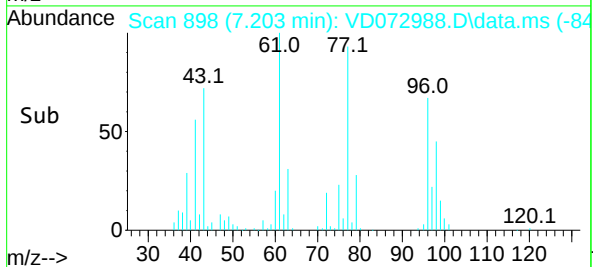
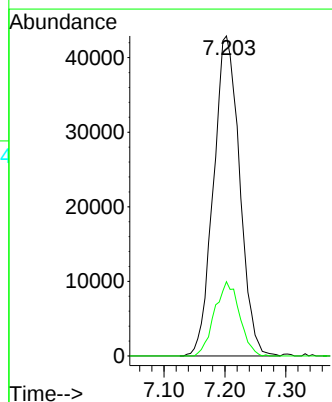
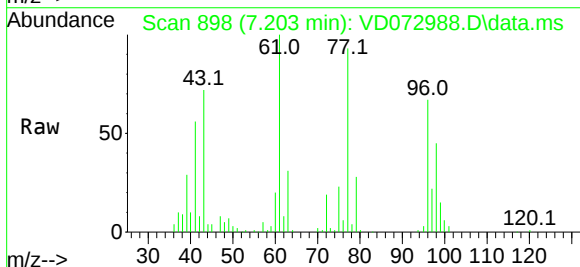
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

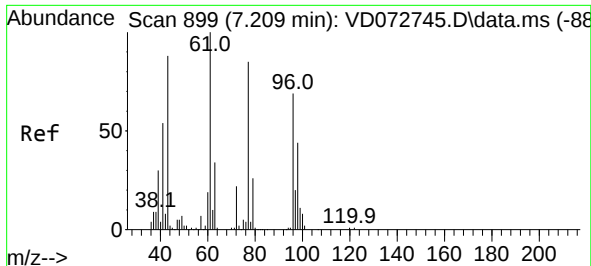
Tgt Ion: 43 Resp: 92233  
Ion Ratio Lower Upper  
43 100  
72 26.2 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 19.826 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 77 Resp: 127787  
Ion Ratio Lower Upper  
77 100  
97 22.2 10.8 32.4



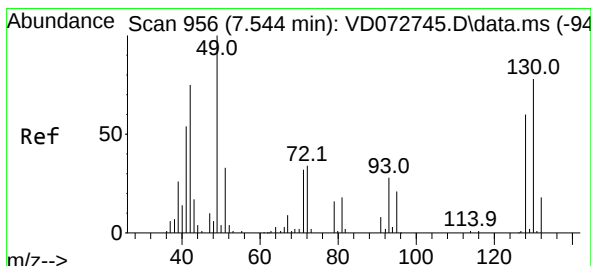
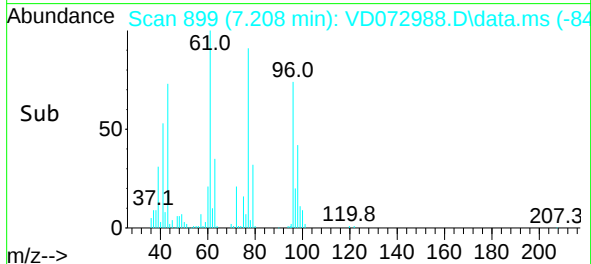
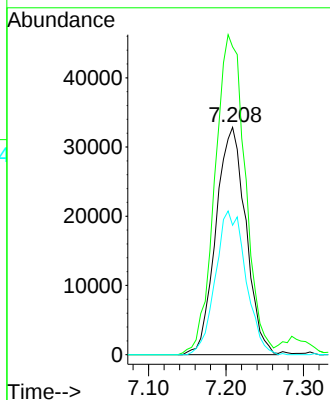
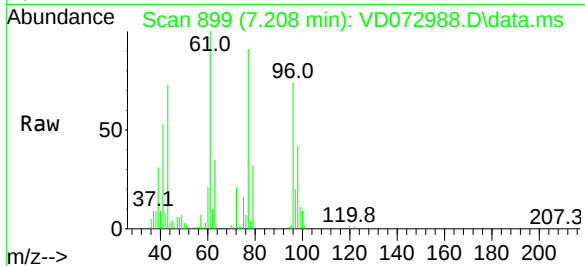


#27  
 cis-1,2-Dichloroethene  
 Concen: 18.802 ug/l  
 RT: 7.208 min Scan# 899  
 Delta R.T. -0.001 min  
 Lab File: VD072988.D  
 Acq: 13 May 2022 14:32

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS01

Tgt Ion: 96 Resp: 88247  

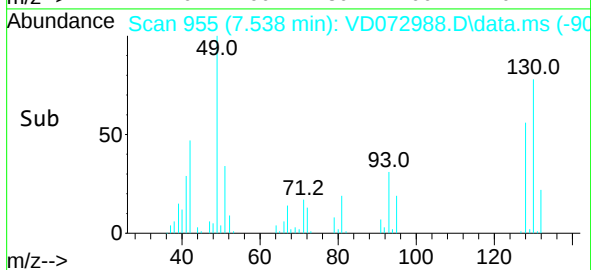
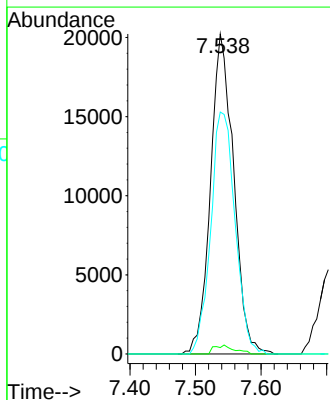
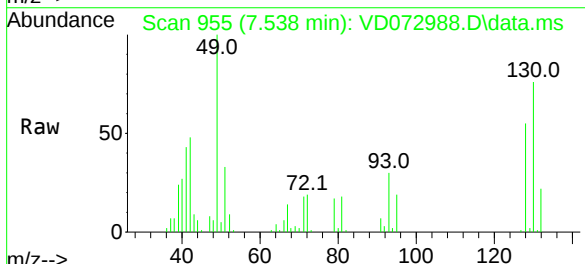
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 143.1 | 0.0   | 313.8 |
| 98  | 64.2  | 0.0   | 128.8 |

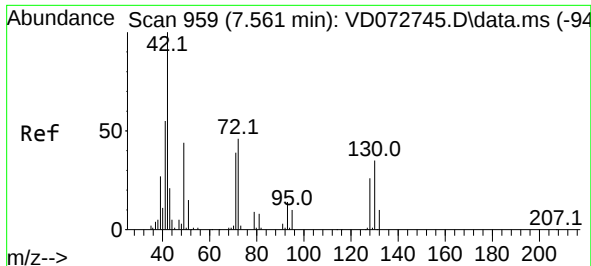


#28  
 Bromochloromethane  
 Concen: 17.392 ug/l  
 RT: 7.538 min Scan# 955  
 Delta R.T. -0.006 min  
 Lab File: VD072988.D  
 Acq: 13 May 2022 14:32

Tgt Ion: 49 Resp: 49448  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.4   | 0.0   | 4.0   |
| 130 | 79.7  | 52.6  | 79.0  |





#29

Tetrahydrofuran

Concen: 84.018 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS01

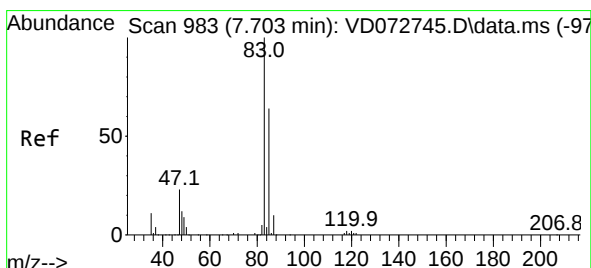
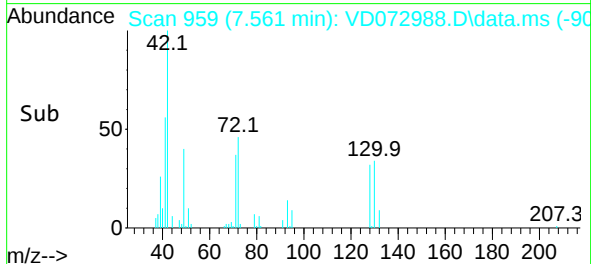
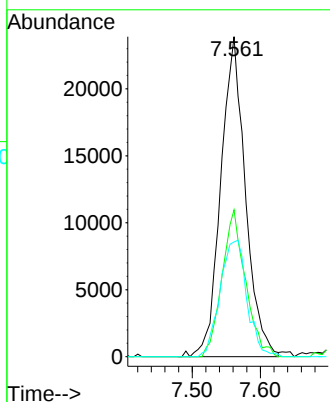
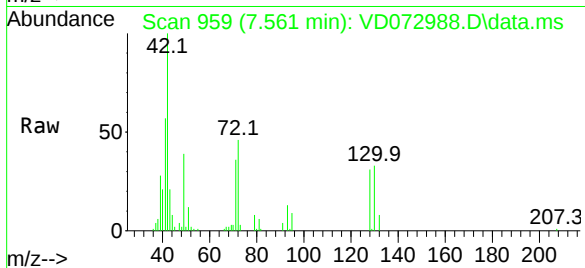
Tgt Ion: 42 Resp: 60020

Ion Ratio Lower Upper

42 100

72 43.8 30.7 46.1

71 39.8 28.6 43.0



#30

Chloroform

Concen: 19.273 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.001 min

Lab File: VD072988.D

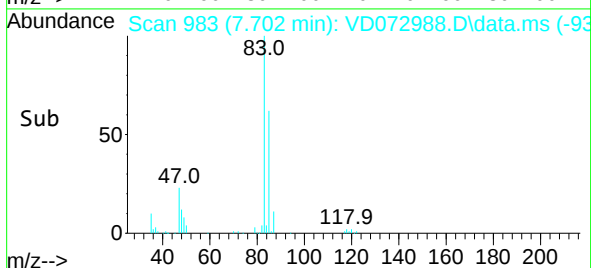
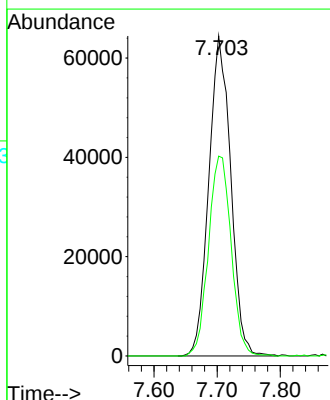
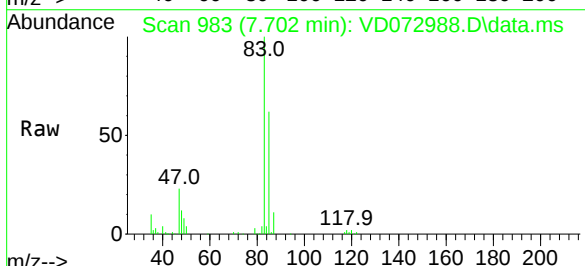
Acq: 13 May 2022 14:32

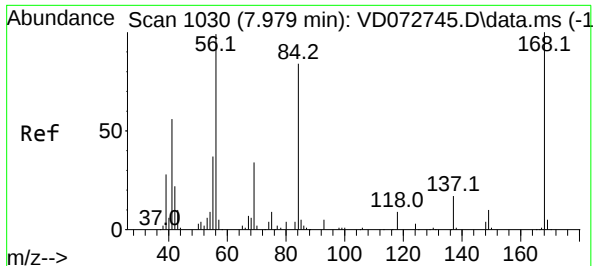
Tgt Ion: 83 Resp: 155482

Ion Ratio Lower Upper

83 100

85 62.4 52.7 79.1





#31

Cyclohexane

Concen: 18.585 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS01

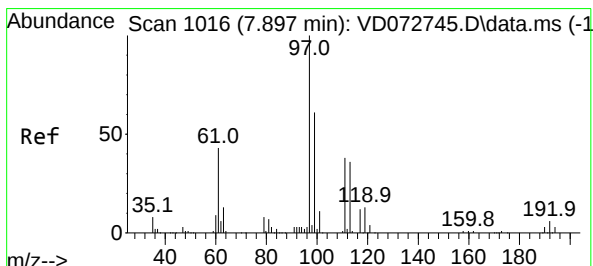
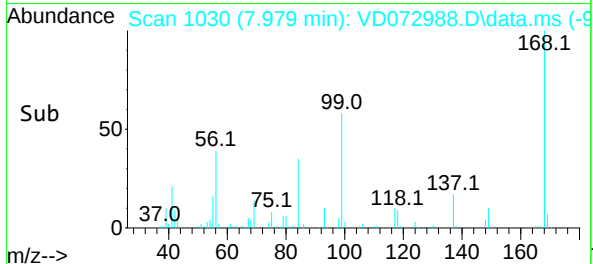
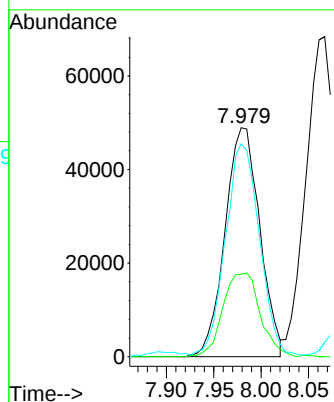
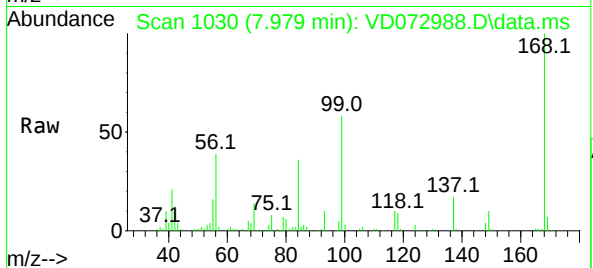
Tgt Ion: 56 Resp: 124969

Ion Ratio Lower Upper

56 100

69 36.0 25.4 38.2

84 91.8 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 20.439 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

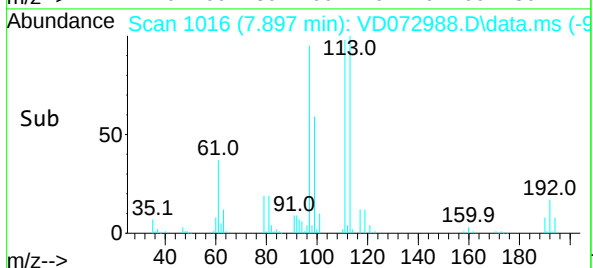
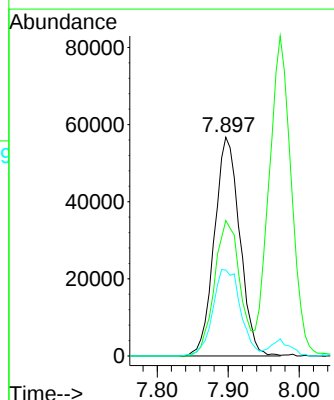
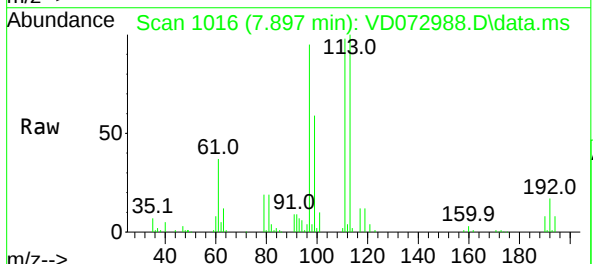
Tgt Ion: 97 Resp: 140530

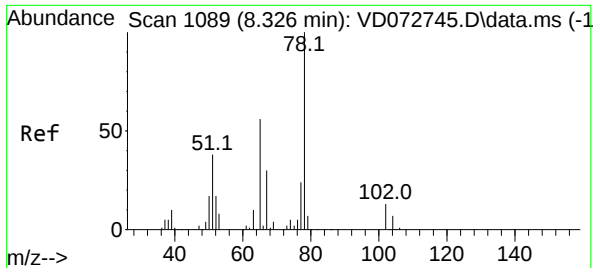
Ion Ratio Lower Upper

97 100

99 61.6 52.4 78.6

61 43.1 38.0 57.0

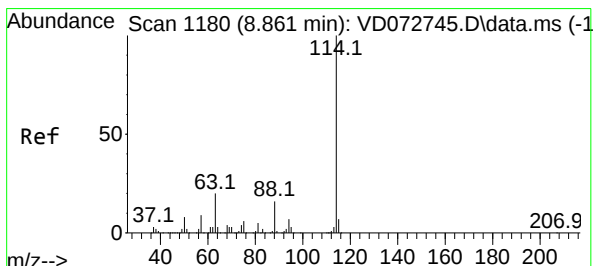
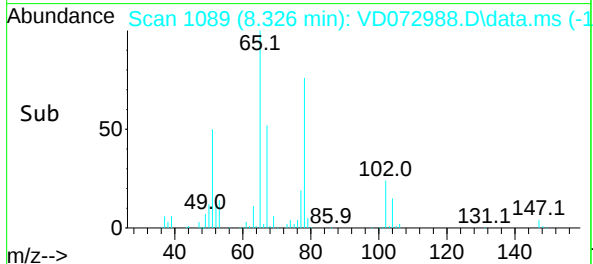
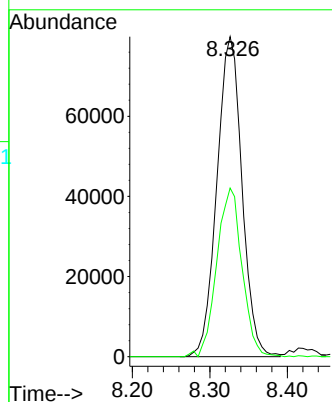
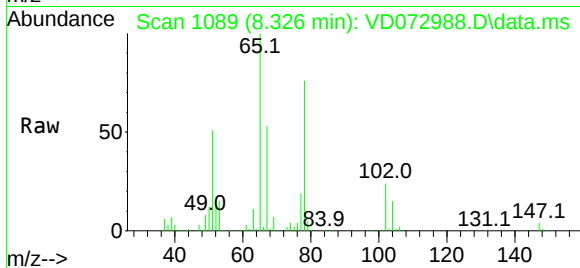




#33  
1,2-Dichloroethane-d4  
Concen: 46.750 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

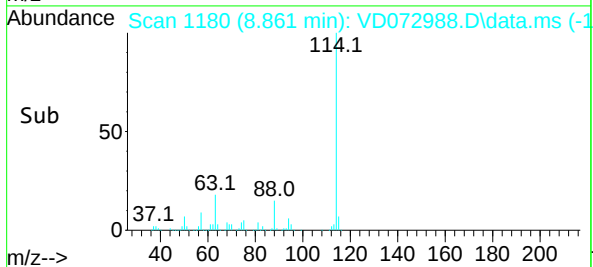
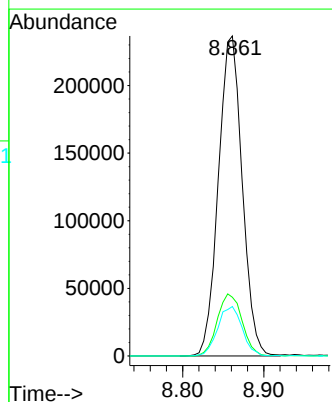
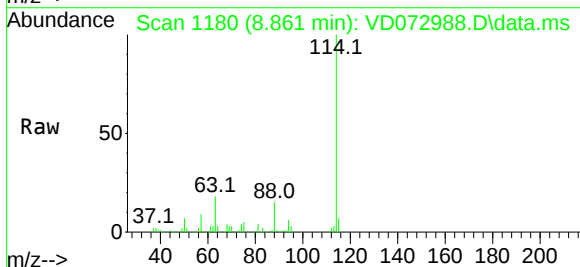
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

Tgt Ion: 65 Resp: 179825  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 101.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 114 Resp: 482675  
Ion Ratio Lower Upper  
114 100  
63 18.3 0.0 46.6  
88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.985 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS01

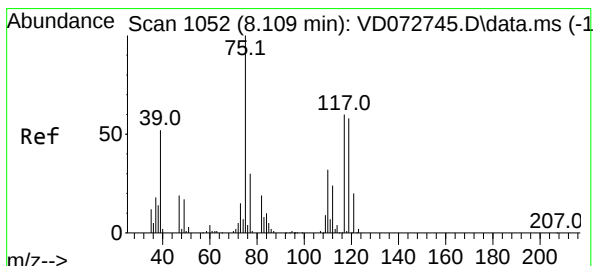
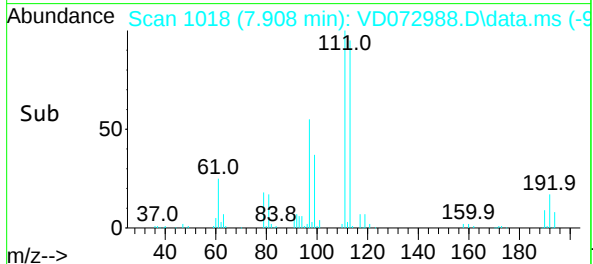
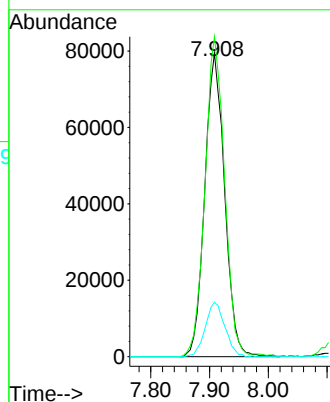
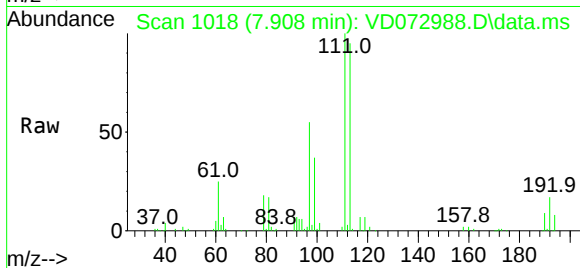
Tgt Ion:113 Resp: 186393

Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 21.004 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.001 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

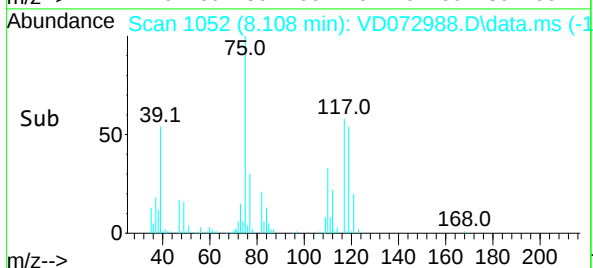
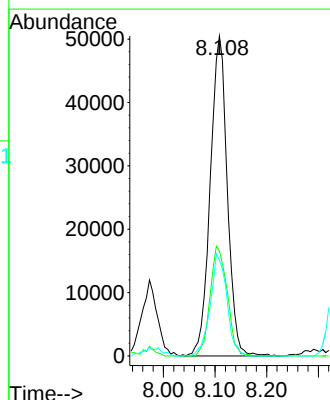
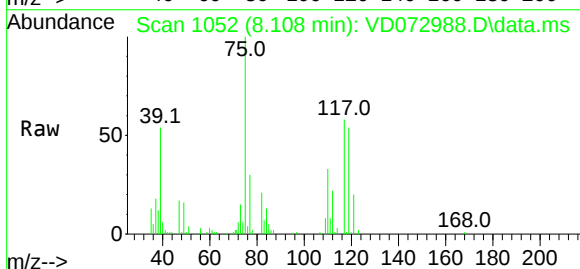
Tgt Ion: 75 Resp: 115776

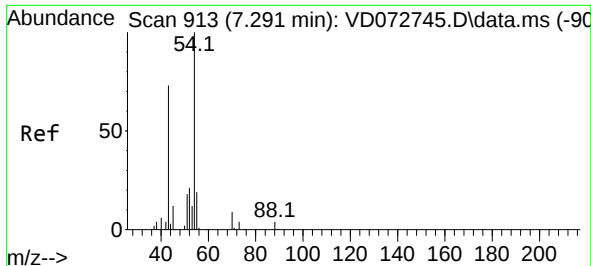
Ion Ratio Lower Upper

75 100

110 34.4 16.4 49.1

77 31.1 24.2 36.2





#37

Ethyl Acetate

Concen: 18.112 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS01

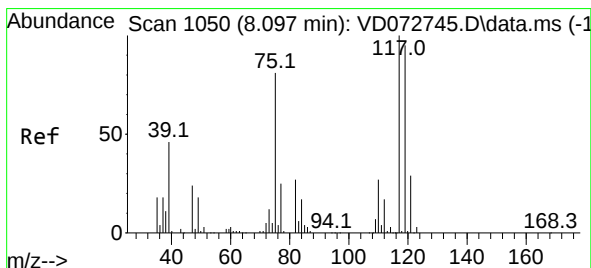
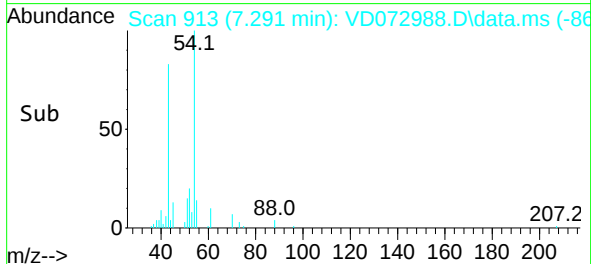
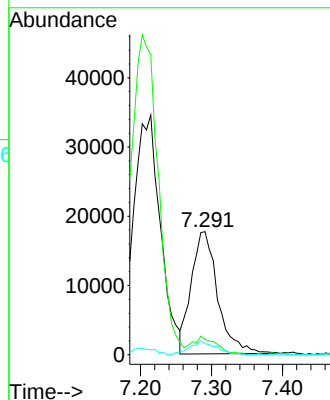
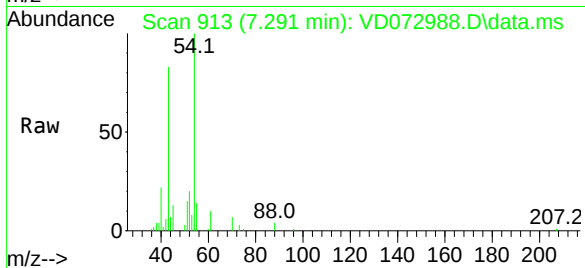
Tgt Ion: 43 Resp: 45893

Ion Ratio Lower Upper

43 100

61 13.8 9.8 14.8

70 10.7 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 21.375 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

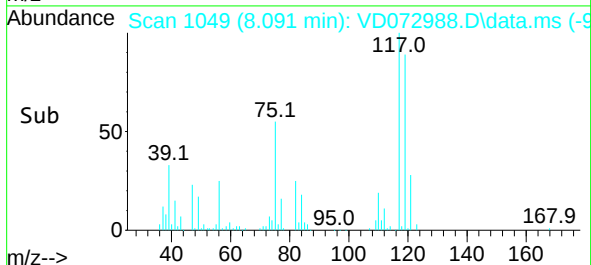
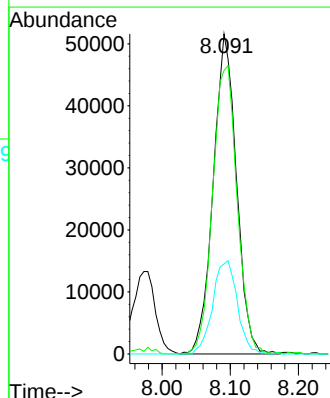
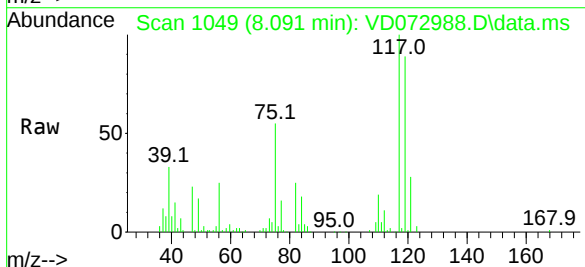
Tgt Ion: 117 Resp: 122303

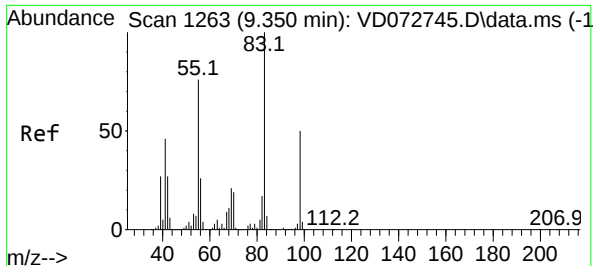
Ion Ratio Lower Upper

117 100

119 88.6 75.8 113.6

121 28.2 24.5 36.7





#39

Methylcyclohexane

Concen: 19.623 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS01

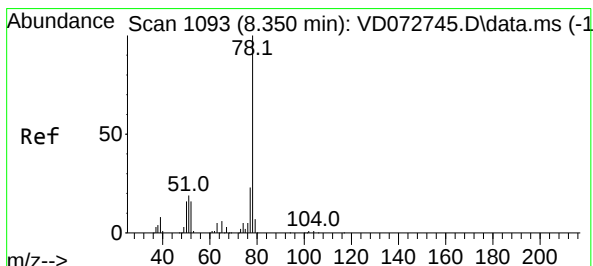
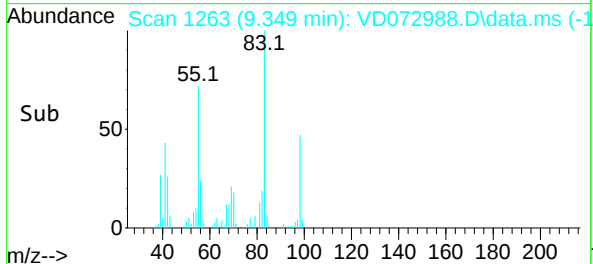
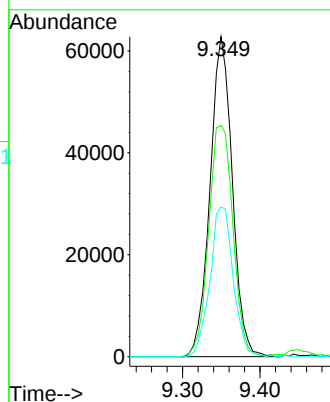
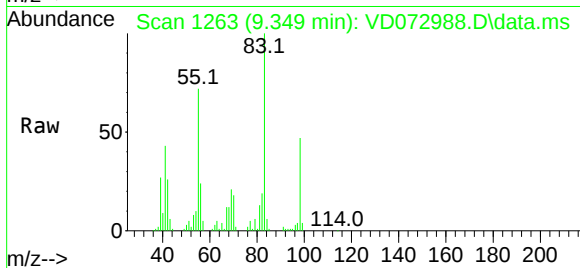
Tgt Ion: 83 Resp: 125463

Ion Ratio Lower Upper

83 100

55 72.3 63.2 94.8

98 46.8 38.2 57.4



#40

Benzene

Concen: 20.596 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072988.D

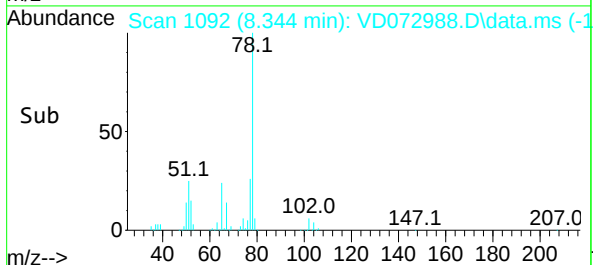
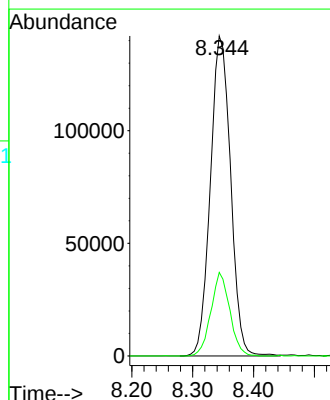
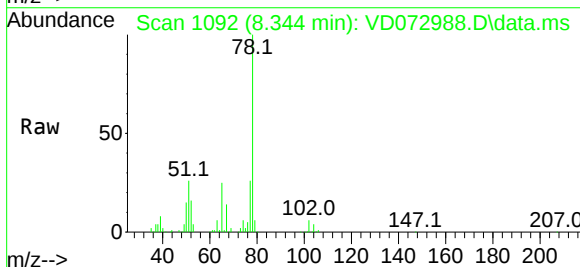
Acq: 13 May 2022 14:32

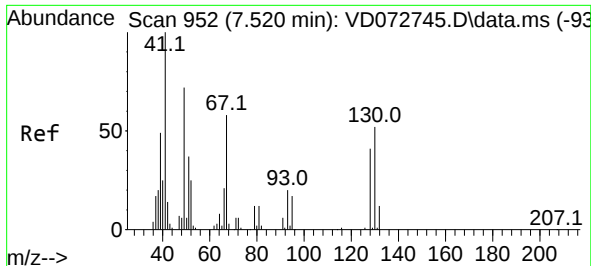
Tgt Ion: 78 Resp: 327845

Ion Ratio Lower Upper

78 100

77 26.1 19.1 28.7

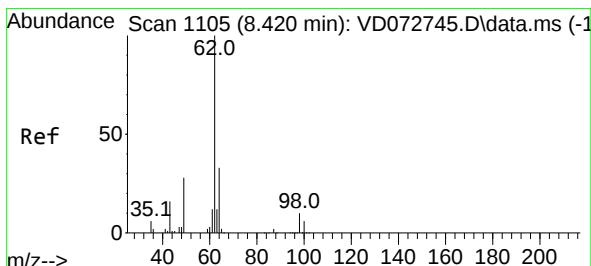
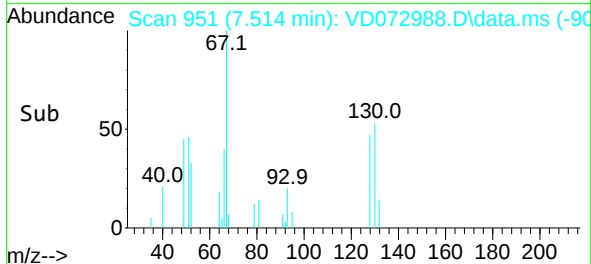
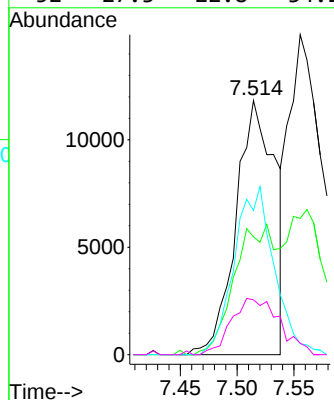
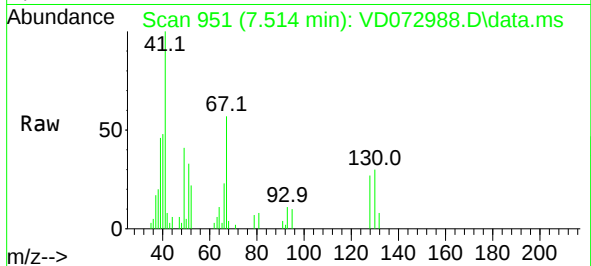




#41  
Methacrylonitrile  
Concen: 18.722 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

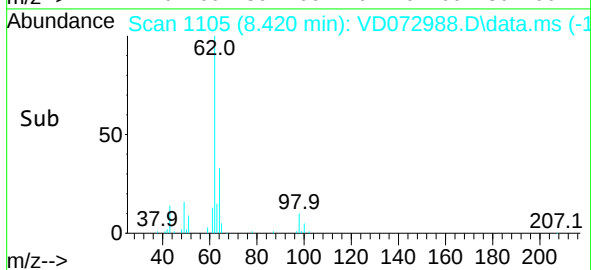
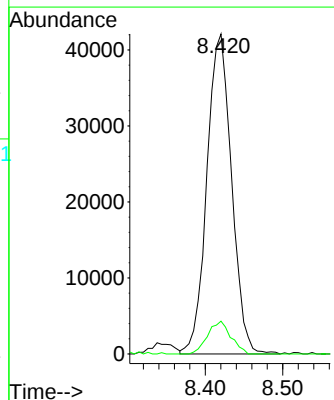
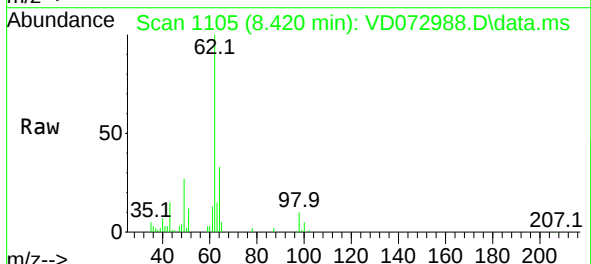
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

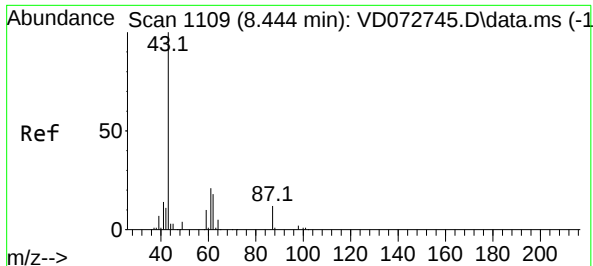
Tgt Ion: 41 Resp: 28247  
Ion Ratio Lower Upper  
41 100  
39 36.5 44.6 67.0#  
67 67.7 48.2 72.4  
52 27.3 22.8 34.2



#42  
1,2-Dichloroethane  
Concen: 19.454 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 62 Resp: 93317  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 17.6

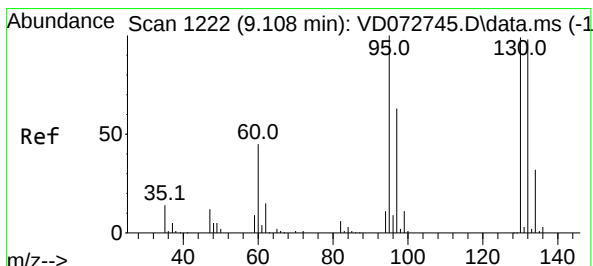
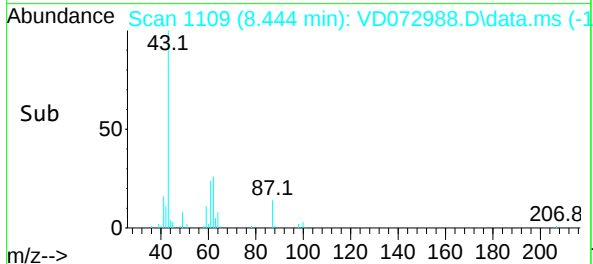
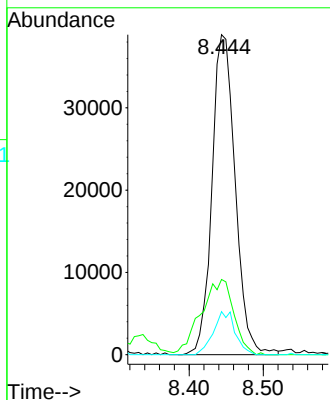
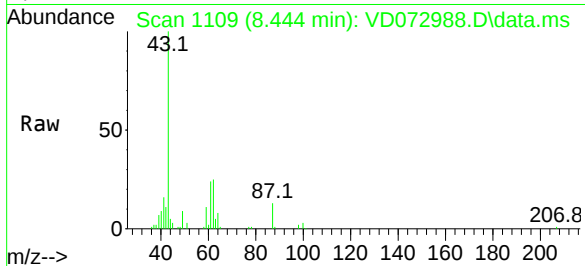




#43  
Isopropyl Acetate  
Concen: 18.124 ug/l  
RT: 8.444 min Scan# 1109  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

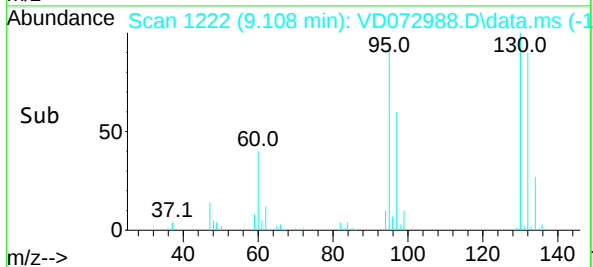
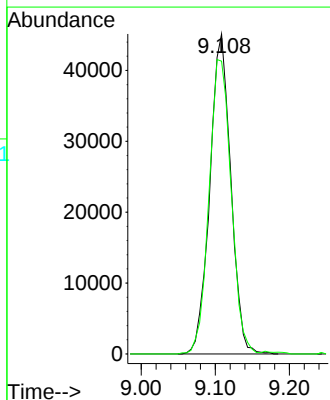
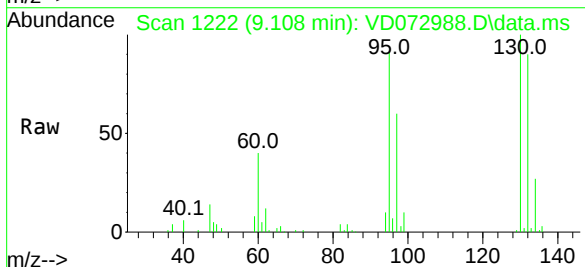
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

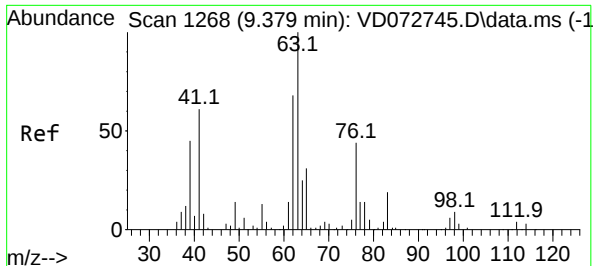
Tgt Ion: 43 Resp: 84764  
Ion Ratio Lower Upper  
43 100  
61 33.0 22.4 33.6  
87 12.7 8.7 13.1



#44  
Trichloroethene  
Concen: 20.770 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 130 Resp: 88449  
Ion Ratio Lower Upper  
130 100  
95 91.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.929 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

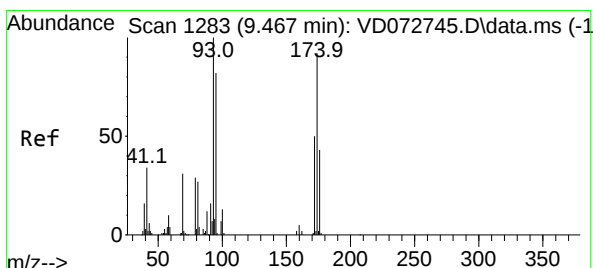
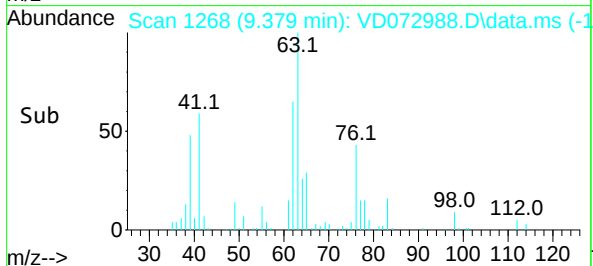
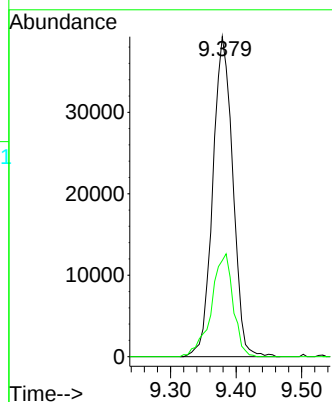
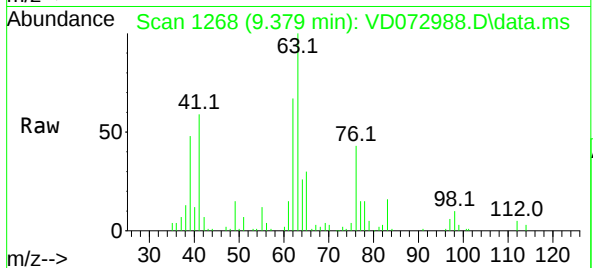
VD0513SBS01

Tgt Ion: 63 Resp: 83308

Ion Ratio Lower Upper

63 100

65 30.1 26.2 39.4



#46

Dibromomethane

Concen: 19.584 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

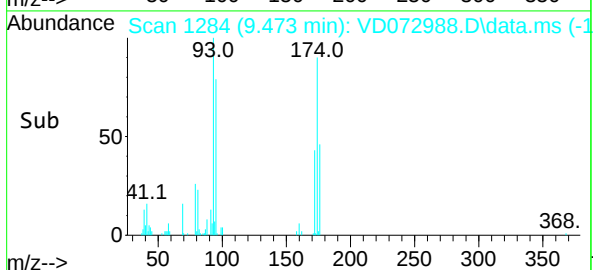
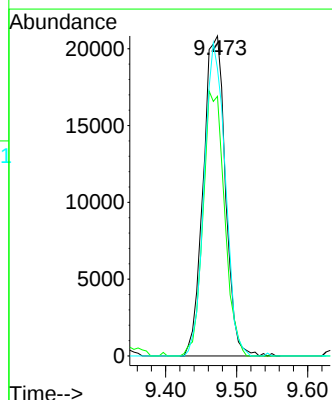
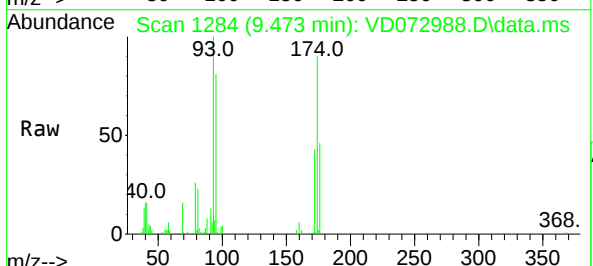
Tgt Ion: 93 Resp: 45159

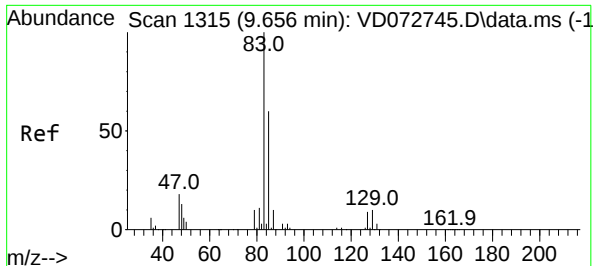
Ion Ratio Lower Upper

93 100

95 80.1 66.7 100.1

174 92.7 71.6 107.4

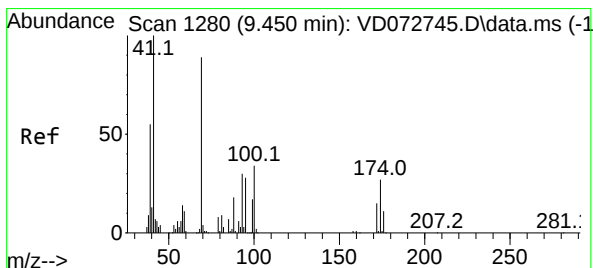
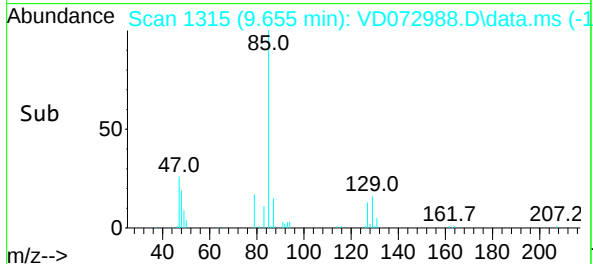
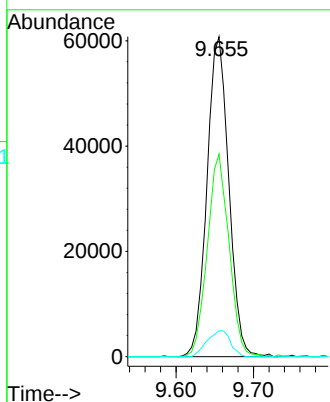
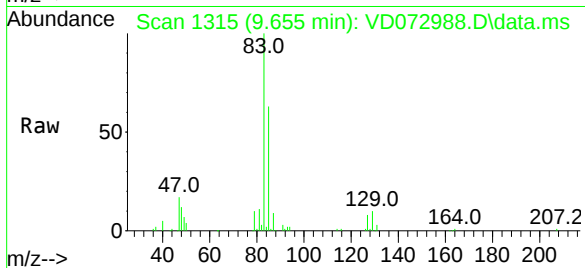




#47  
Bromodichloromethane  
Concen: 20.028 ug/l  
RT: 9.655 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

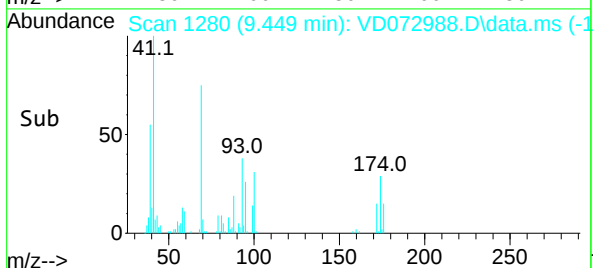
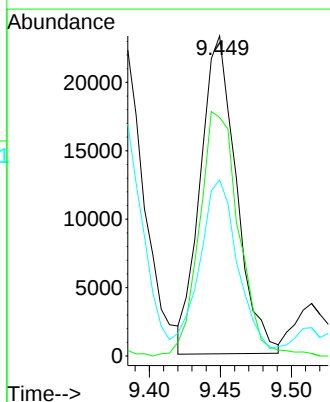
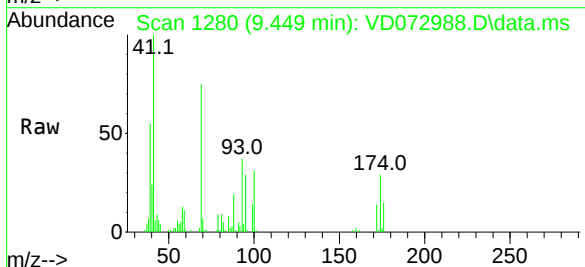
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

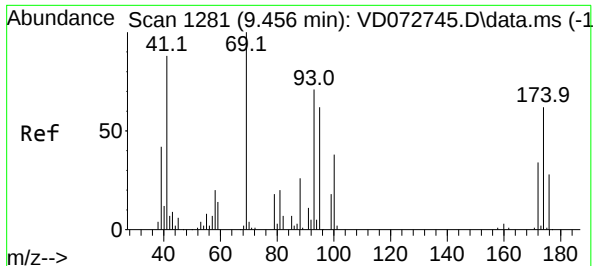
Tgt Ion: 83 Resp: 118808  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.4 77.0  
127 8.1 6.1 9.1



#48  
Methyl methacrylate  
Concen: 17.932 ug/l  
RT: 9.449 min Scan# 1280  
Delta R.T. -0.001 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 41 Resp: 41028  
Ion Ratio Lower Upper  
41 100  
69 84.2 56.7 85.1  
39 53.5 42.7 64.1





#49

1,4-Dioxane

Concen: 382.523 ug/l

RT: 9.455 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS01

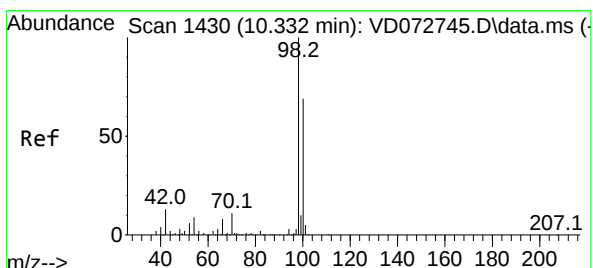
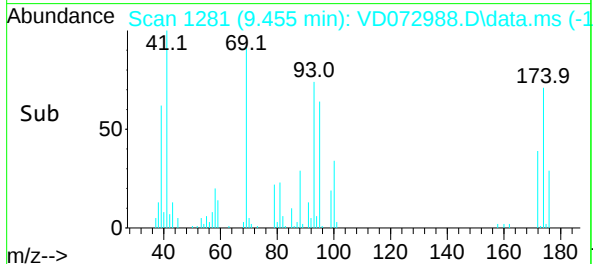
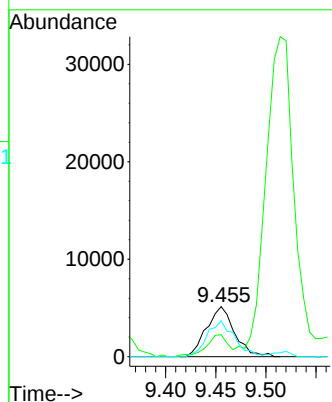
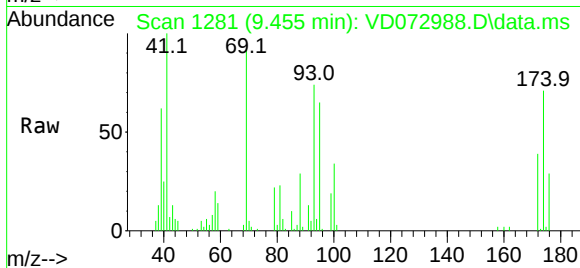
Tgt Ion: 88 Resp: 9933

Ion Ratio Lower Upper

88 100

43 34.6 31.0 46.4

58 71.5 58.1 87.1



#50

Toluene-d8

Concen: 55.462 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072988.D

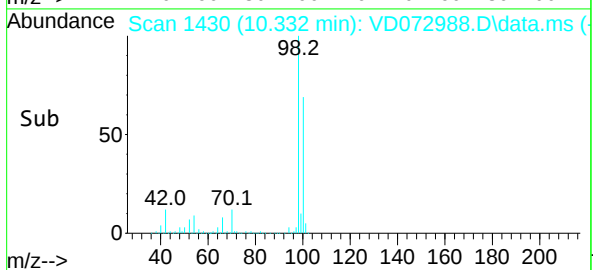
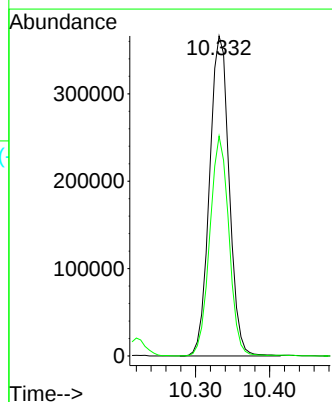
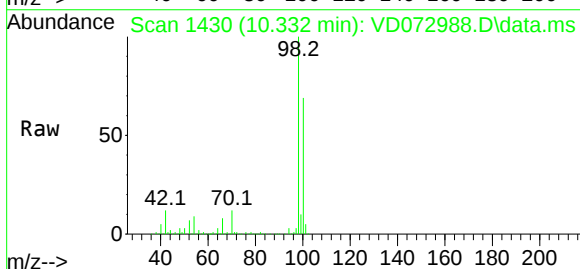
Acq: 13 May 2022 14:32

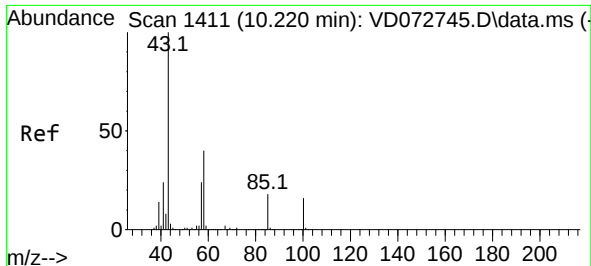
Tgt Ion: 98 Resp: 674403

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6

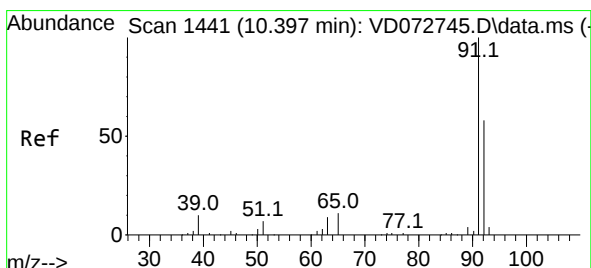
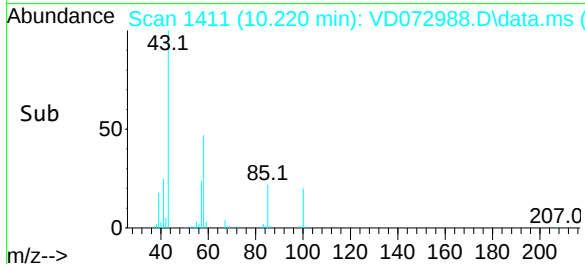
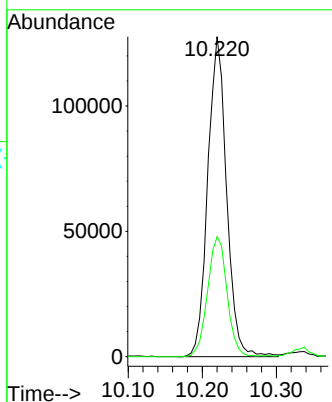
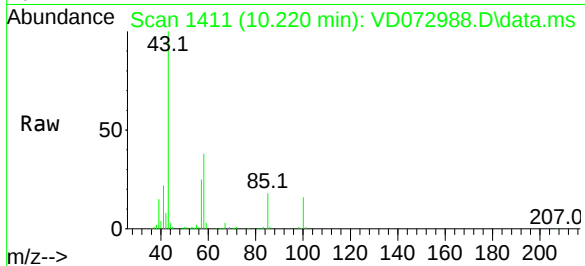




#51  
4-Methyl-2-Pentanone  
Concen: 92.569 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

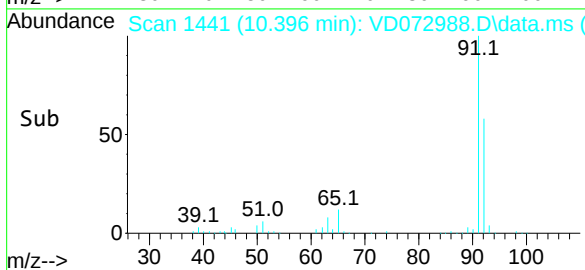
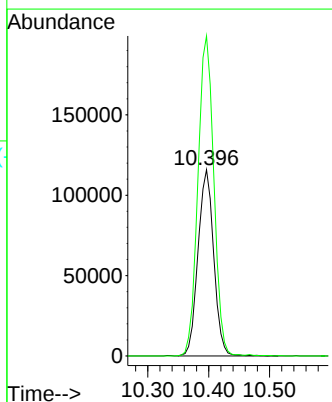
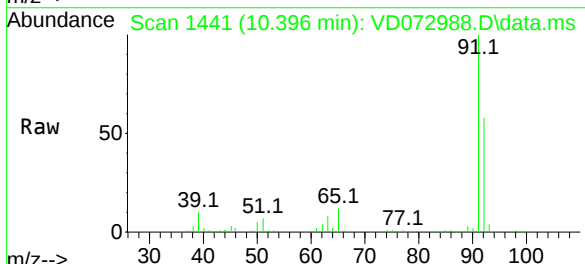
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

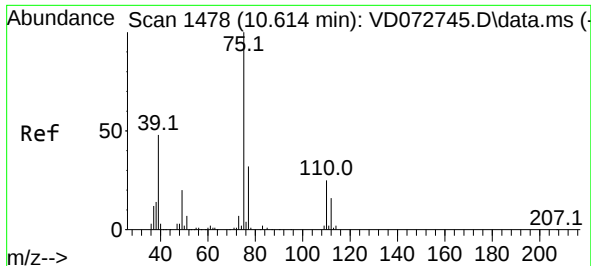
Tgt Ion: 43 Resp: 224966  
Ion Ratio Lower Upper  
43 100  
58 38.7 28.6 43.0



#52  
Toluene  
Concen: 20.880 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.001 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 92 Resp: 207332  
Ion Ratio Lower Upper  
92 100  
91 173.7 139.6 209.4

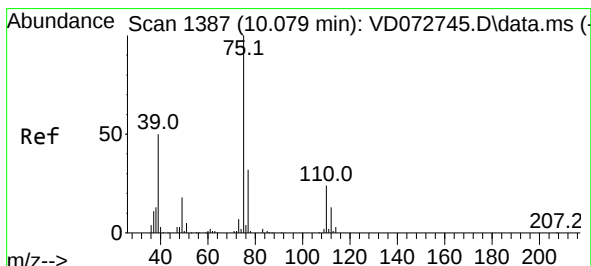
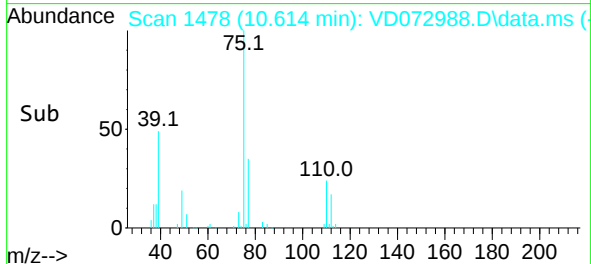
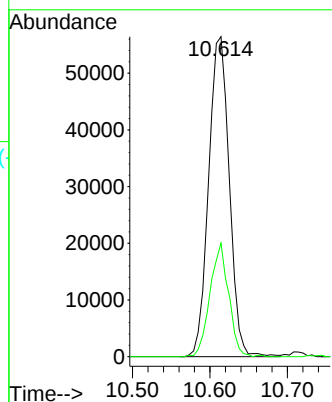
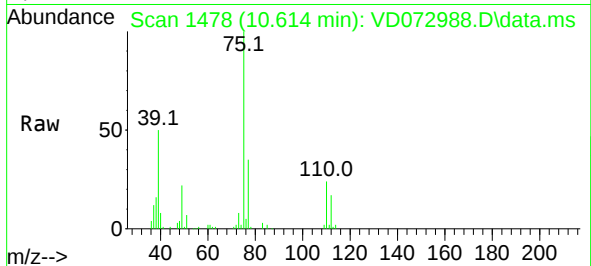




#53  
 t-1,3-Dichloropropene  
 Concen: 19.182 ug/l  
 RT: 10.614 min Scan# 1478  
 Delta R.T. 0.000 min  
 Lab File: VD072988.D  
 Acq: 13 May 2022 14:32

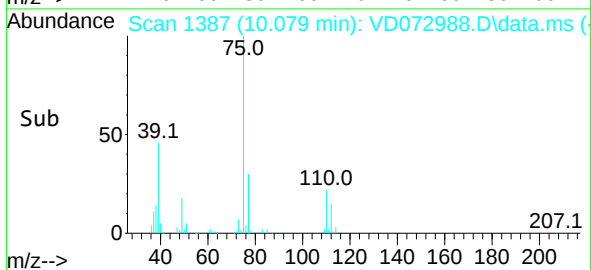
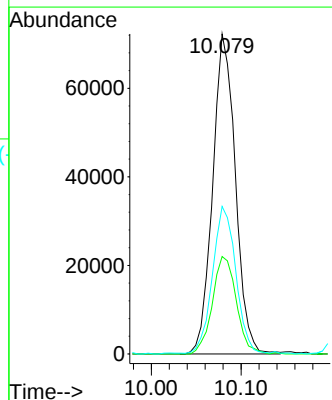
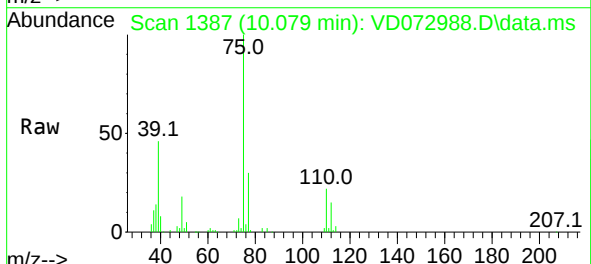
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS01

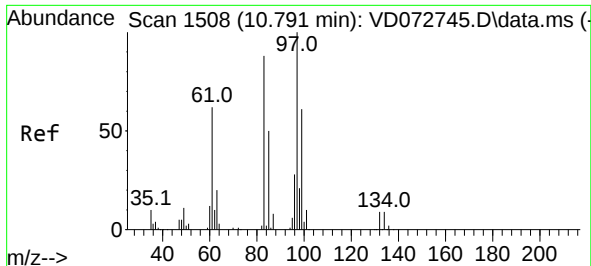
Tgt Ion: 75 Resp: 104521  
 Ion Ratio Lower Upper  
 75 100  
 77 35.5 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.082 ug/l  
 RT: 10.079 min Scan# 1387  
 Delta R.T. -0.000 min  
 Lab File: VD072988.D  
 Acq: 13 May 2022 14:32

Tgt Ion: 75 Resp: 127128  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 24.8 37.2  
 39 45.9 46.8 70.2#

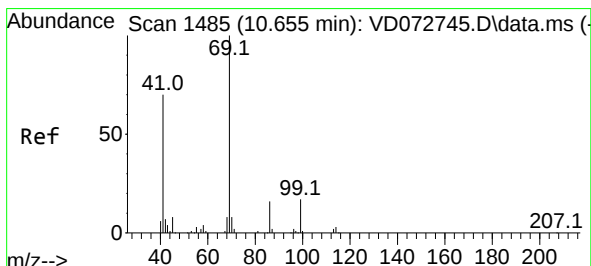
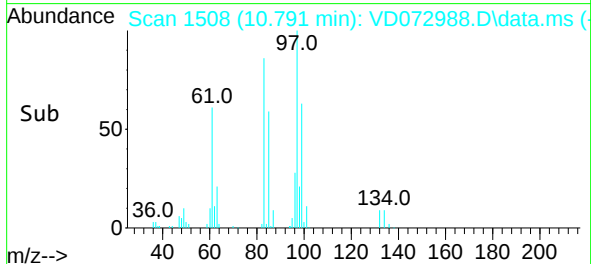
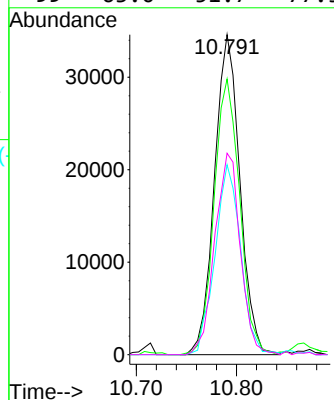
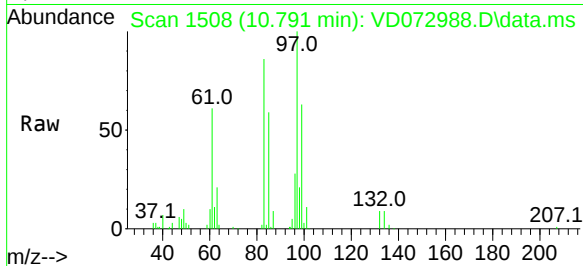




#55  
1,1,2-Trichloroethane  
Concen: 19.575 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

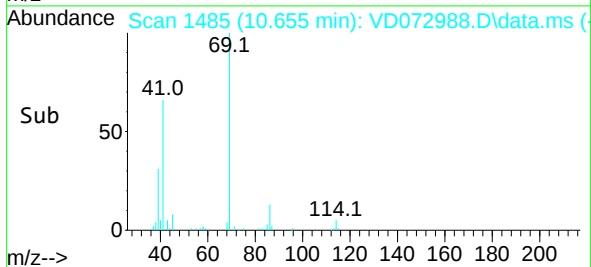
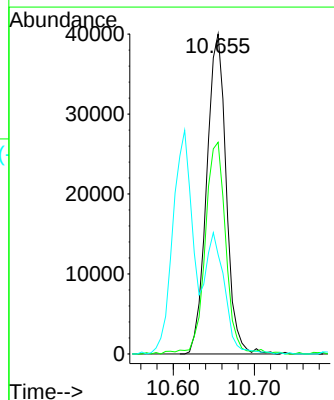
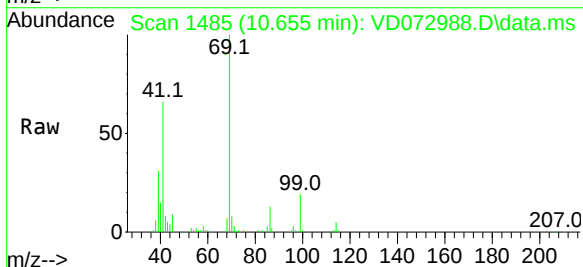
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

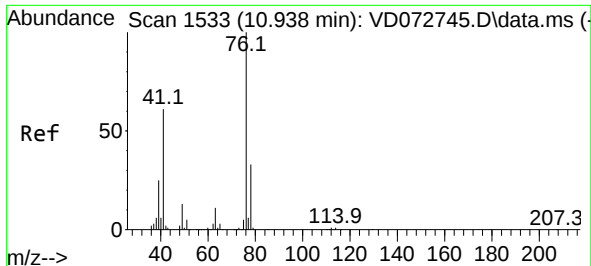
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 61021 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.2  | 69.0  | 103.4 |
| 85       | 59.4  | 42.6  | 63.8  |
| 99       | 63.0  | 51.7  | 77.5  |



#56  
Ethyl methacrylate  
Concen: 18.165 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 66671 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 69.6  | 63.0  | 94.6  |
| 39       | 37.6  | 33.8  | 50.8  |





#57

1,3-Dichloropropane

Concen: 19.497 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

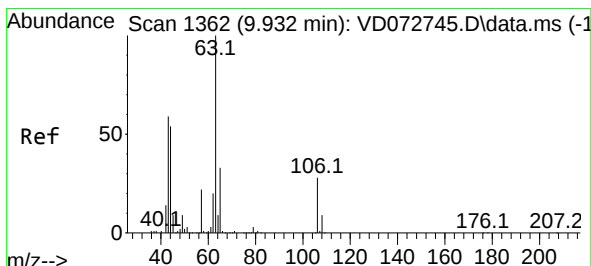
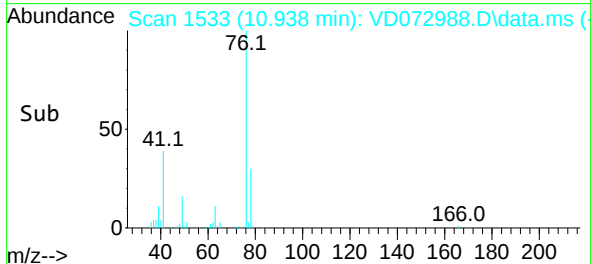
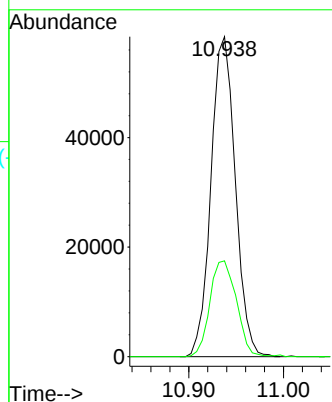
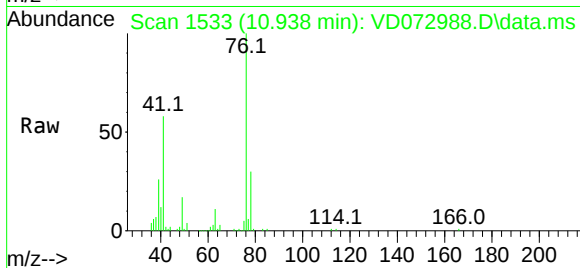
VD0513SBS01

Tgt Ion: 76 Resp: 104300

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 84.909 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD072988.D

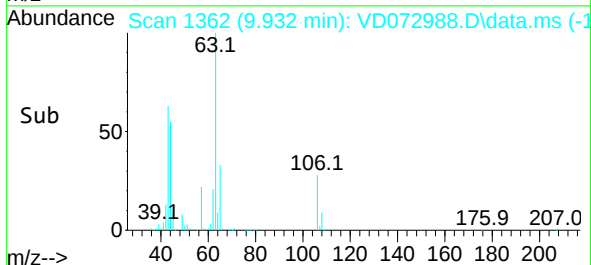
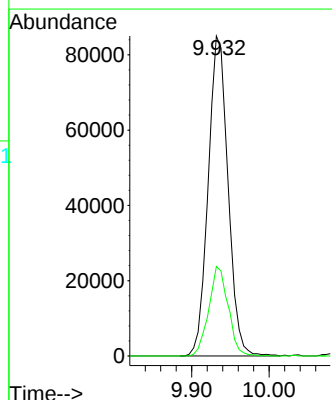
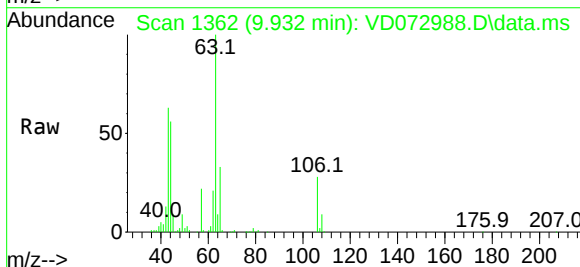
Acq: 13 May 2022 14:32

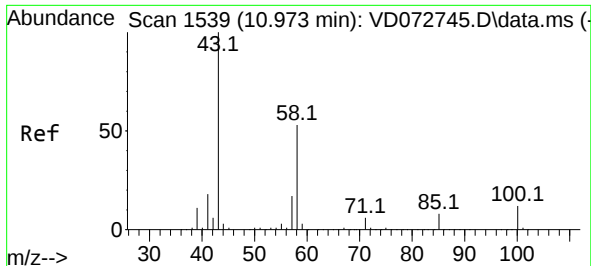
Tgt Ion: 63 Resp: 151099

Ion Ratio Lower Upper

63 100

106 27.4 21.4 32.0

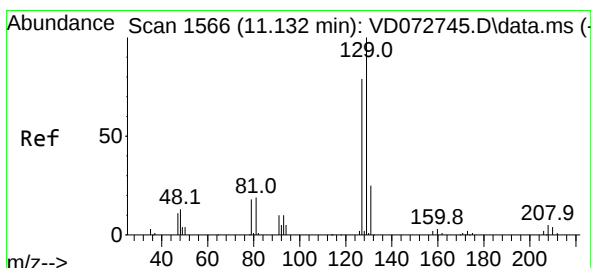
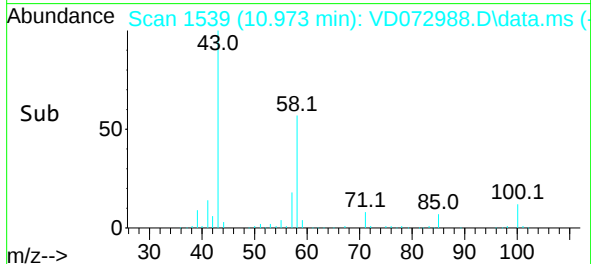
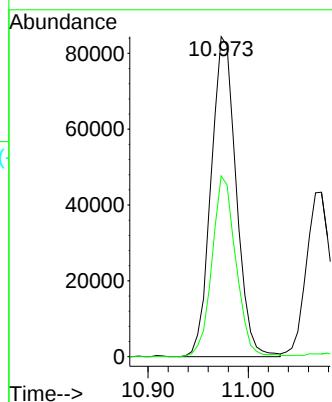
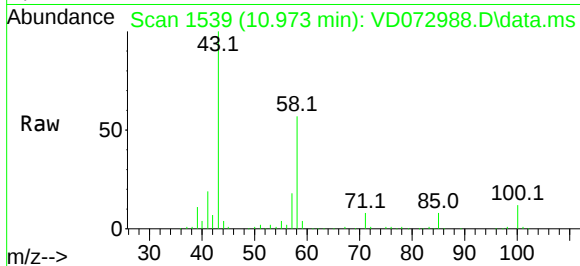




#59  
2-Hexanone  
Concen: 89.769 ug/l  
RT: 10.973 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

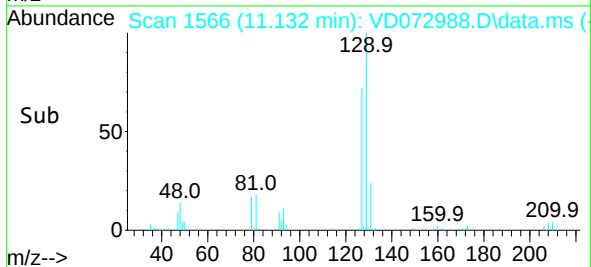
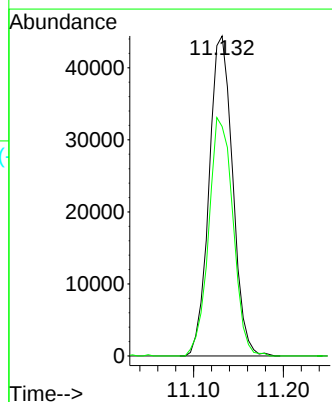
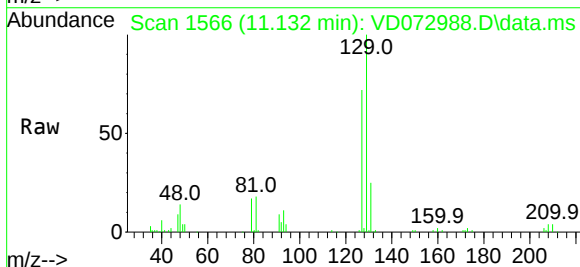
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

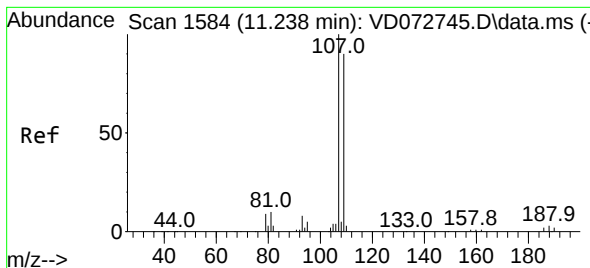
Tgt Ion: 43 Resp: 146798  
Ion Ratio Lower Upper  
43 100  
58 53.6 25.3 75.9



#60  
Dibromochloromethane  
Concen: 20.671 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion:129 Resp: 81117  
Ion Ratio Lower Upper  
129 100  
127 76.6 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.479 ug/l

RT: 11.238 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

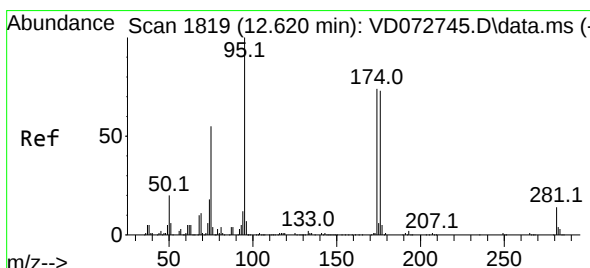
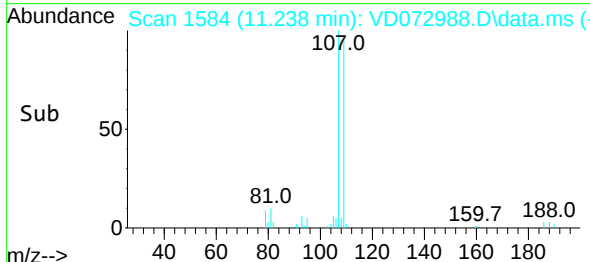
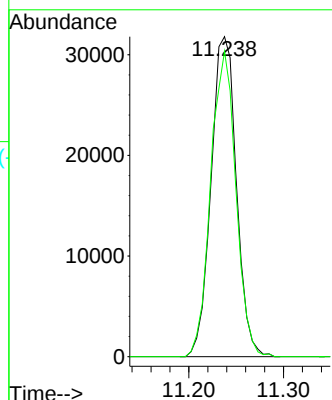
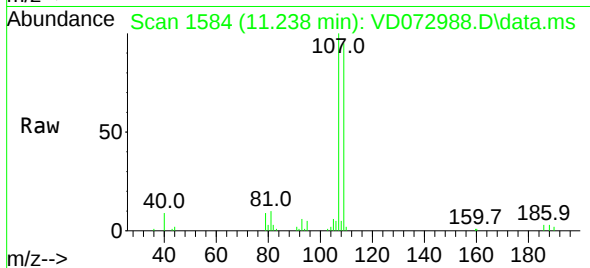
VD0513SBS01

Tgt Ion:107 Resp: 59102

Ion Ratio Lower Upper

107 100

109 94.9 74.2 111.4



#62

4-Bromofluorobenzene

Concen: 54.436 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

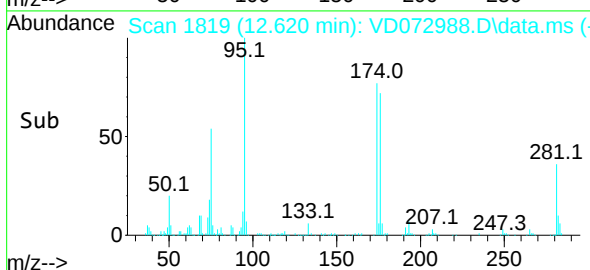
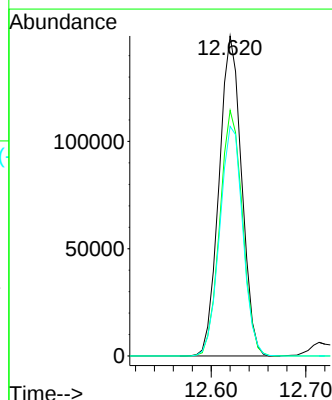
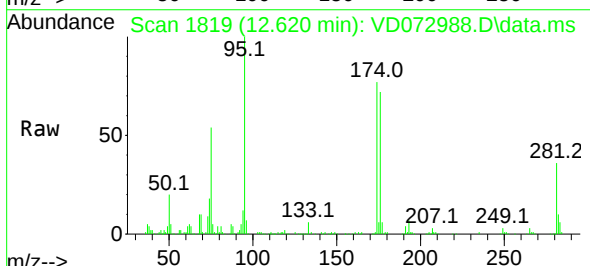
Tgt Ion: 95 Resp: 246816

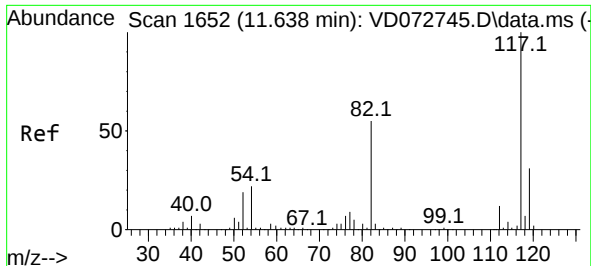
Ion Ratio Lower Upper

95 100

174 77.0 0.0 152.8

176 73.4 0.0 145.4

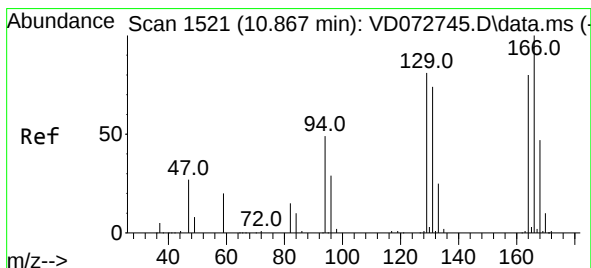
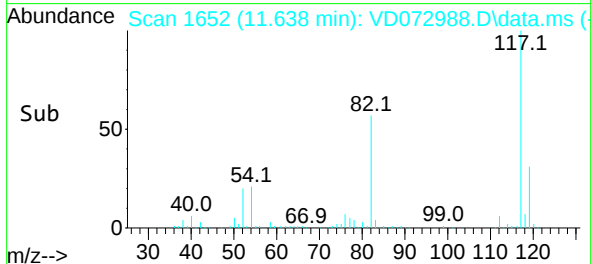
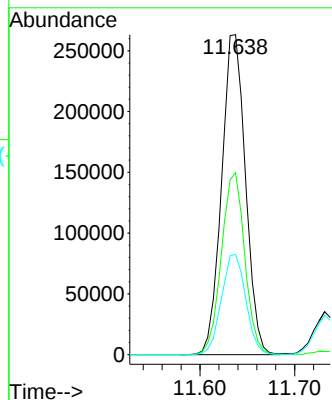
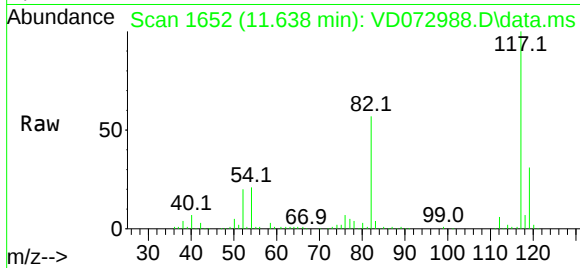




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

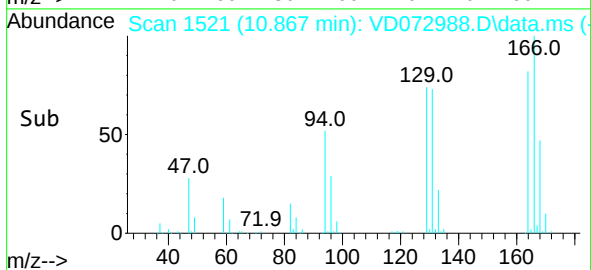
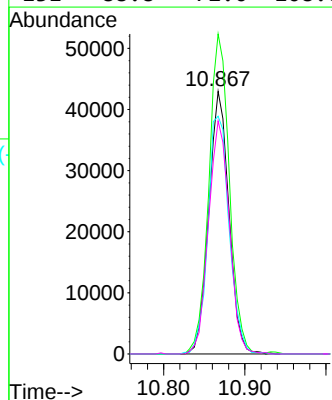
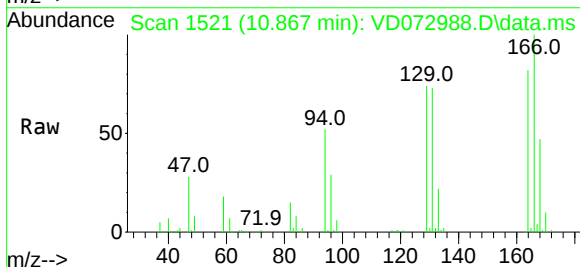
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

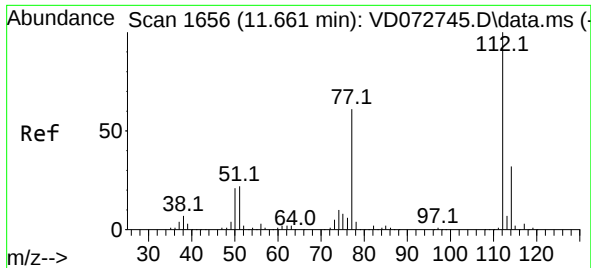
Tgt Ion:117 Resp: 462120  
Ion Ratio Lower Upper  
117 100  
82 56.9 45.3 67.9  
119 31.4 26.6 40.0



#64  
Tetrachloroethene  
Concen: 21.874 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion:164 Resp: 73905  
Ion Ratio Lower Upper  
164 100  
166 121.9 98.5 147.7  
129 90.5 74.6 111.8  
131 88.8 72.0 108.0

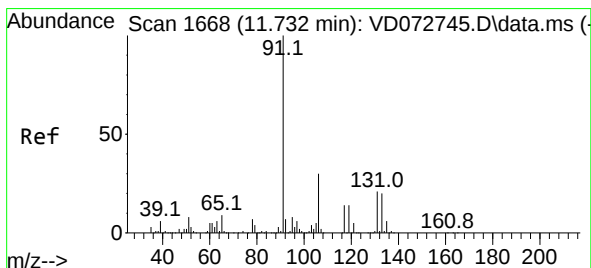
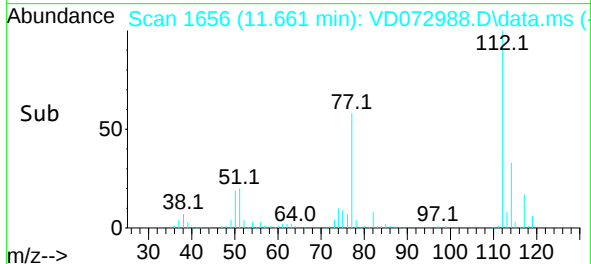
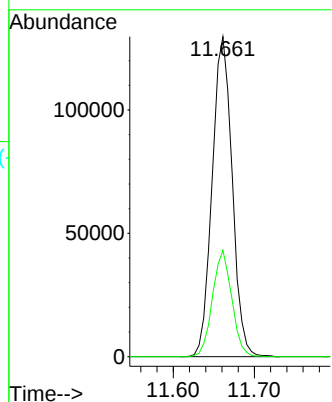
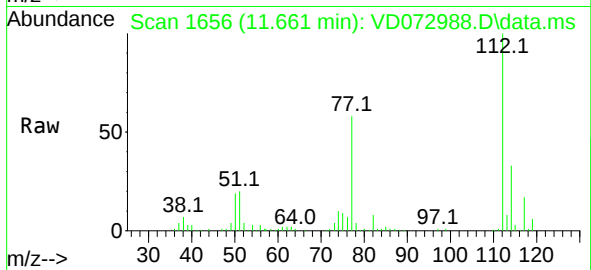




#65  
Chlorobenzene  
Concen: 20.791 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

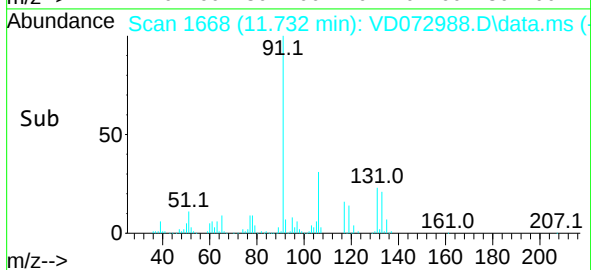
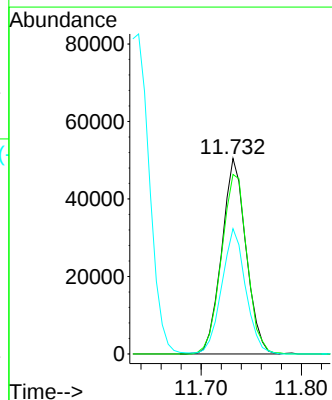
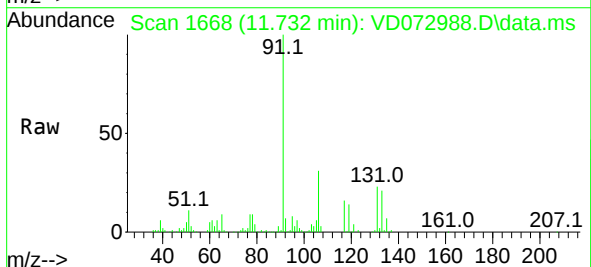
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

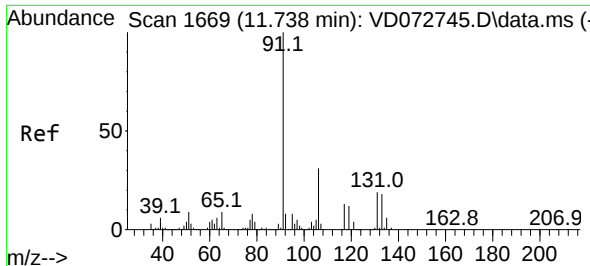
Tgt Ion:112 Resp: 222222  
Ion Ratio Lower Upper  
112 100  
114 33.3 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.107 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion:131 Resp: 84785  
Ion Ratio Lower Upper  
131 100  
133 96.9 48.1 144.3  
119 63.3 31.9 95.9

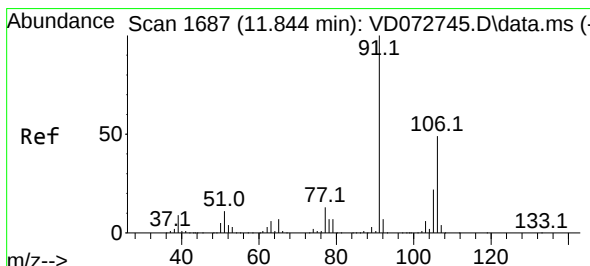
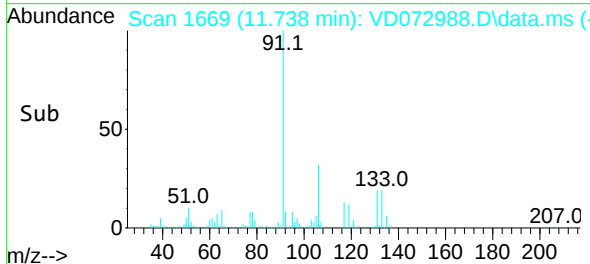
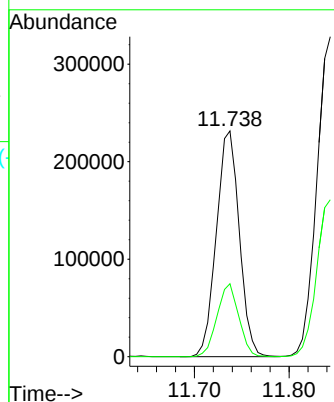
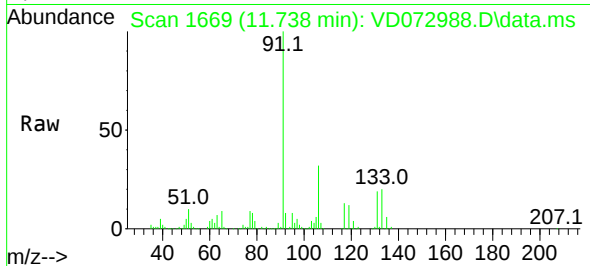




#67  
Ethyl Benzene  
Concen: 21.095 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

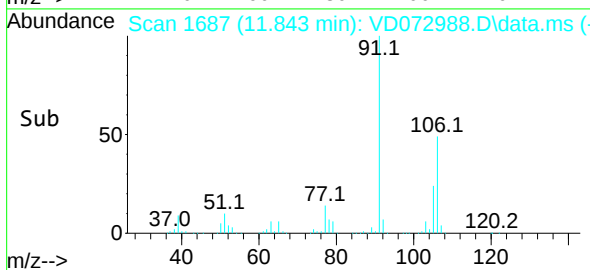
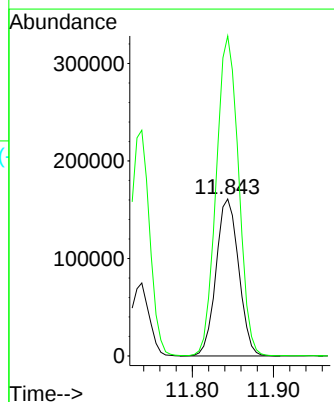
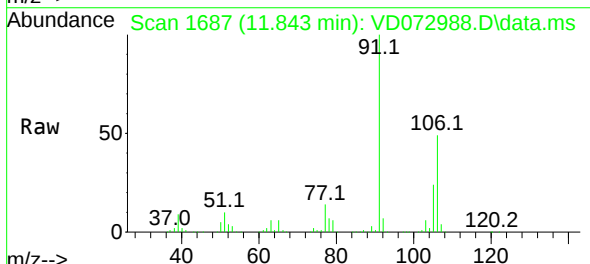
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

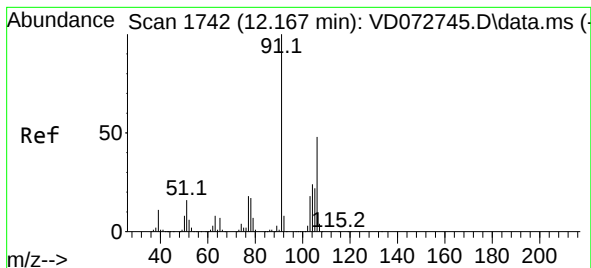
Tgt Ion: 91 Resp: 390203  
Ion Ratio Lower Upper  
91 100  
106 32.3 24.2 36.4



#68  
m/p-Xylenes  
Concen: 43.734 ug/l  
RT: 11.843 min Scan# 1687  
Delta R.T. -0.001 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 106 Resp: 311622  
Ion Ratio Lower Upper  
106 100  
91 201.5 163.7 245.5





#69

o-Xylene

Concen: 21.148 ug/l

RT: 12.173 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

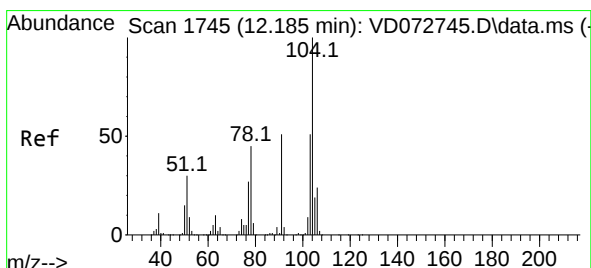
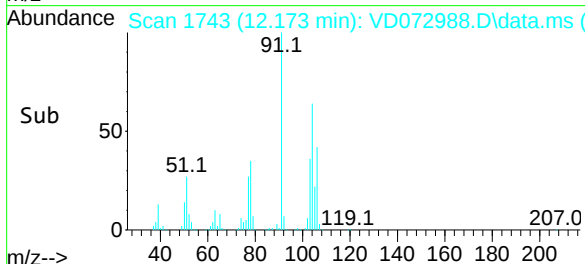
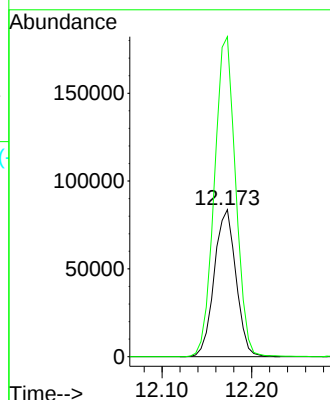
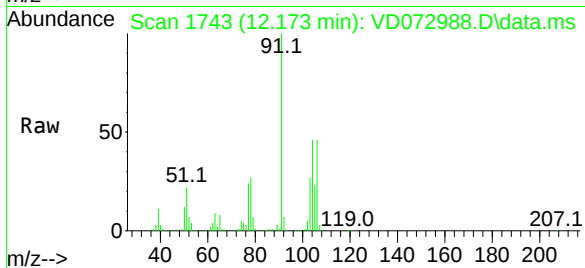
VD0513SBS01

Tgt Ion:106 Resp: 140731

Ion Ratio Lower Upper

106 100

91 212.9 110.4 331.2



#70

Styrene

Concen: 21.545 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

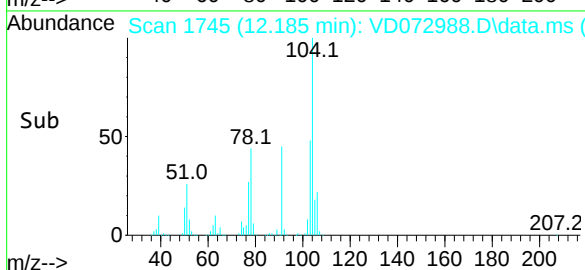
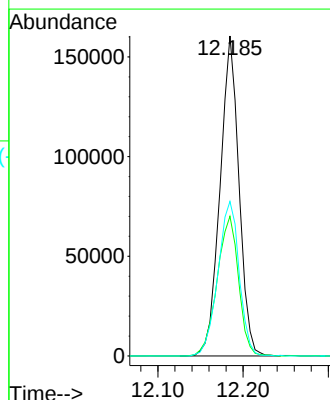
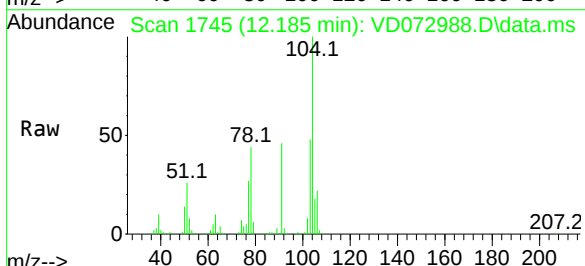
Tgt Ion:104 Resp: 248408

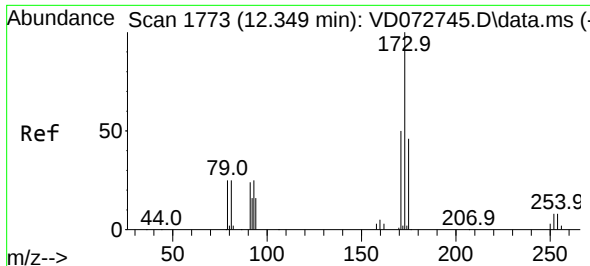
Ion Ratio Lower Upper

104 100

78 49.4 41.8 62.8

103 54.2 44.2 66.4

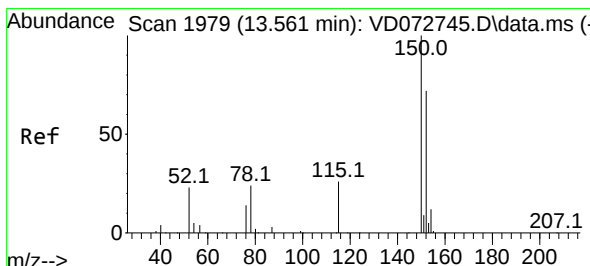
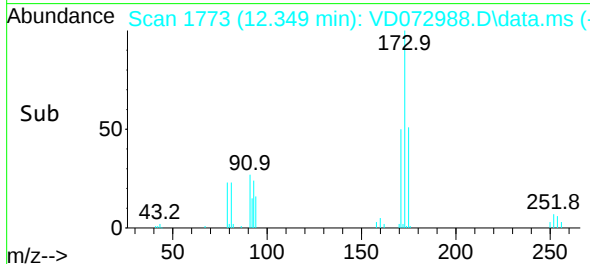
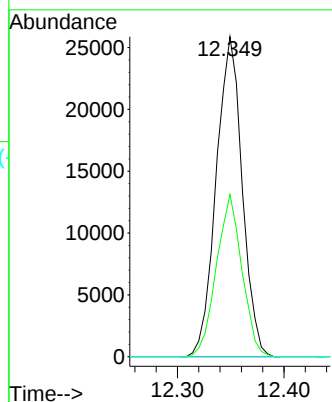
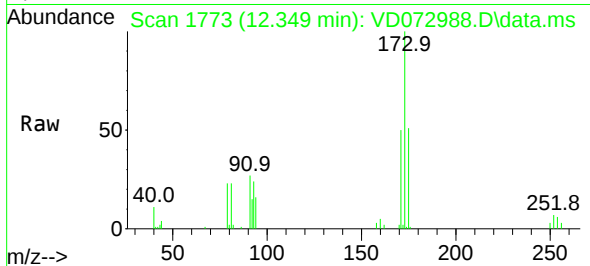




#71  
Bromoform  
Concen: 20.109 ug/l  
RT: 12.349 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

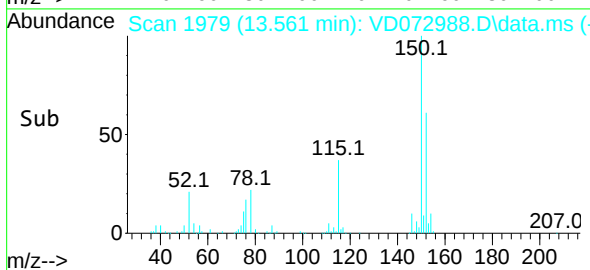
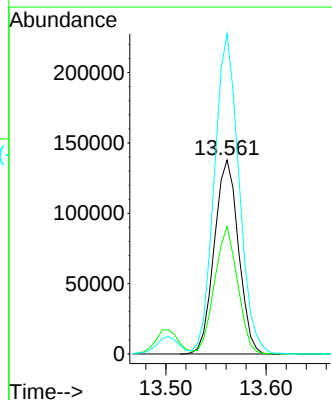
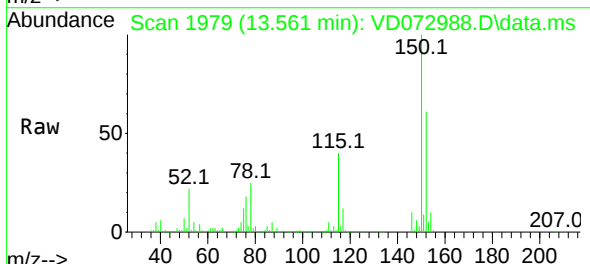
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

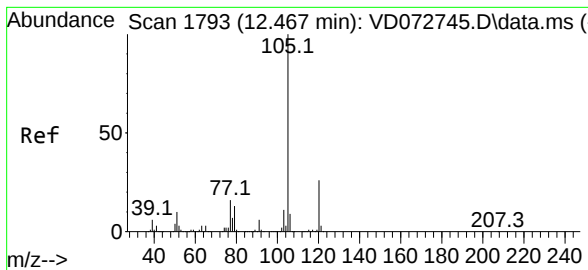
Tgt Ion:173 Resp: 43778  
Ion Ratio Lower Upper  
173 100  
175 49.8 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion:152 Resp: 230510  
Ion Ratio Lower Upper  
152 100  
115 62.8 31.3 93.8  
150 168.2 0.0 348.6

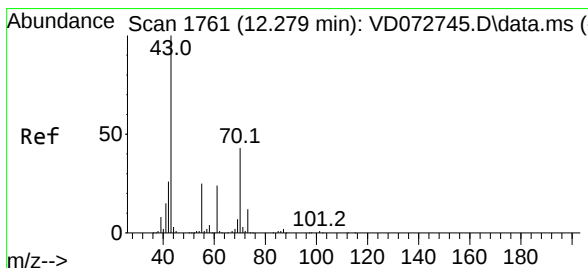
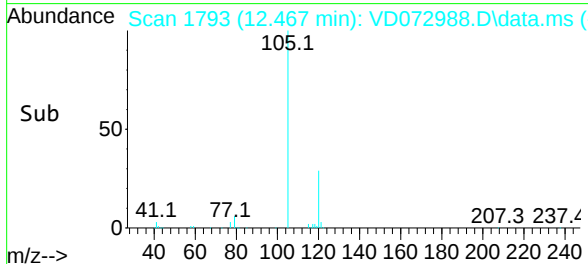
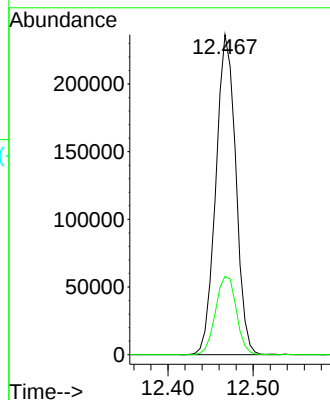
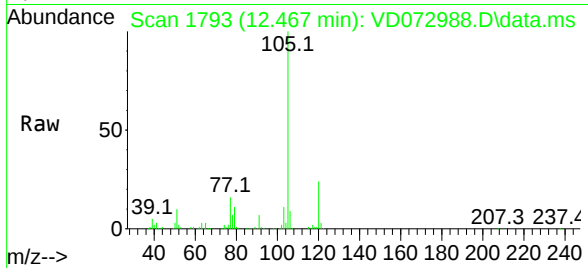




#73  
Isopropylbenzene  
Concen: 21.426 ug/l  
RT: 12.467 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

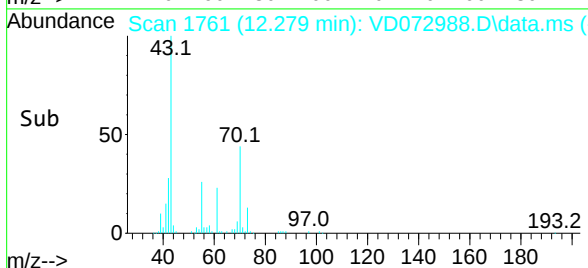
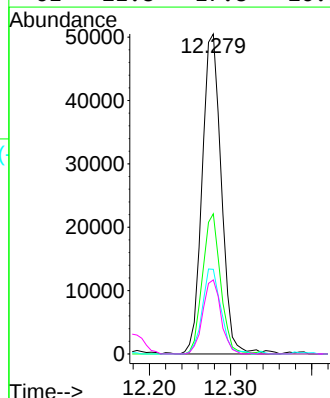
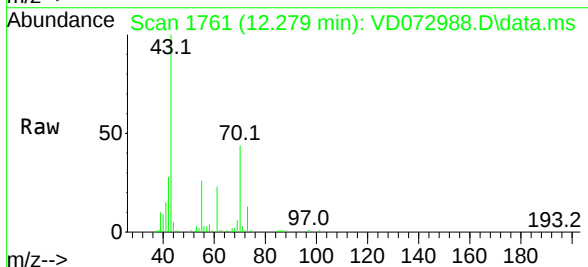
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

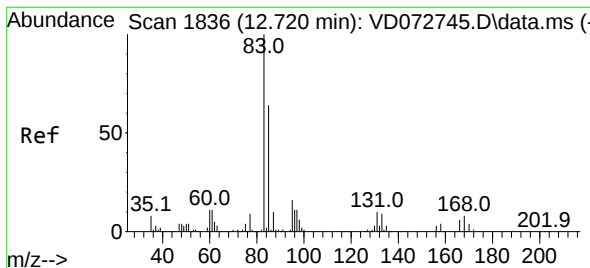
Tgt Ion:105 Resp: 384262  
Ion Ratio Lower Upper  
105 100  
120 25.5 13.0 38.9



#74  
N-ethyl acetate  
Concen: 18.576 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 43 Resp: 82965  
Ion Ratio Lower Upper  
43 100  
70 41.2 31.3 46.9  
55 25.7 20.0 30.0  
61 21.8 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.976 ug/l

RT: 12.720 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS01

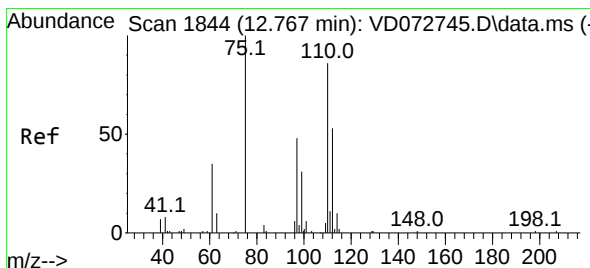
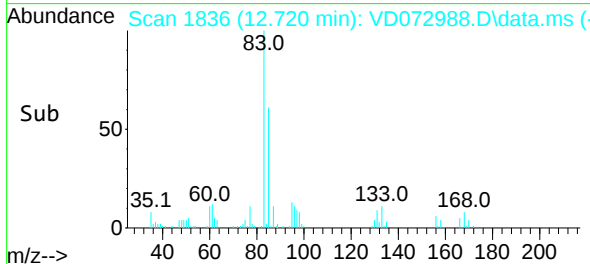
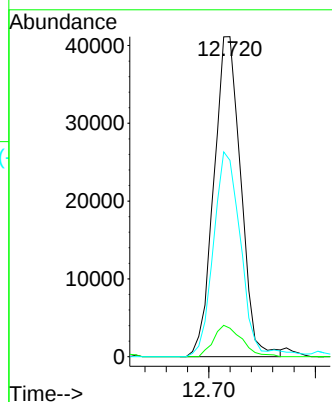
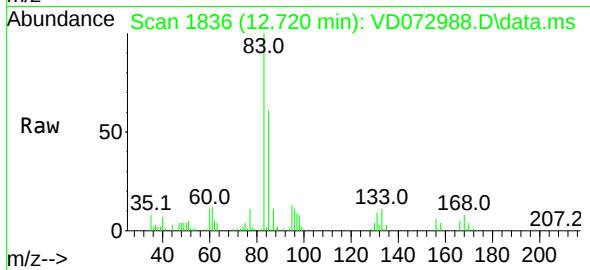
Tgt Ion: 83 Resp: 72320

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 63.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 34.190 ug/l

RT: 12.773 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VD072988.D

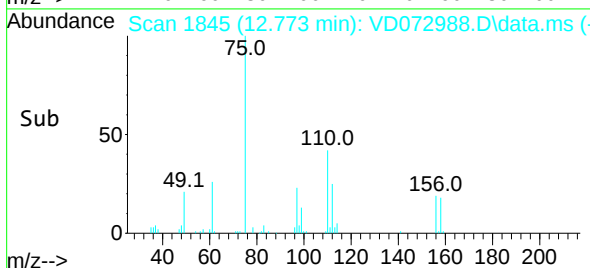
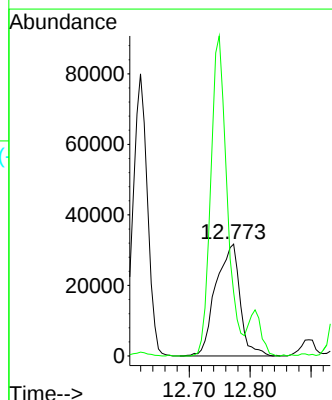
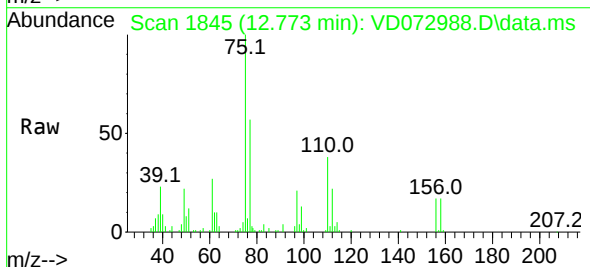
Acq: 13 May 2022 14:32

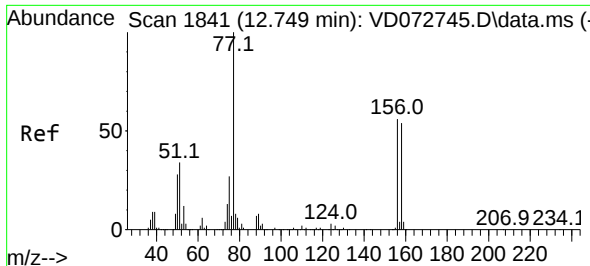
Tgt Ion: 75 Resp: 87879

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

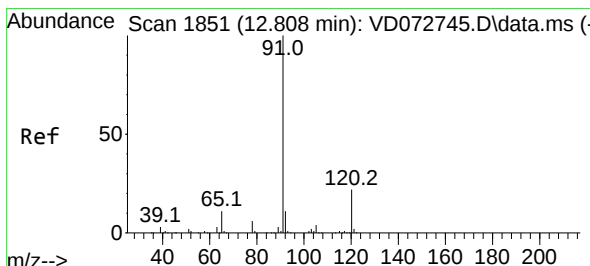
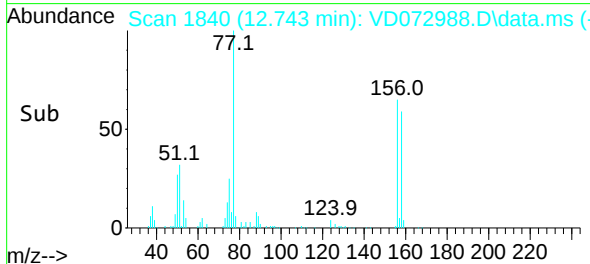
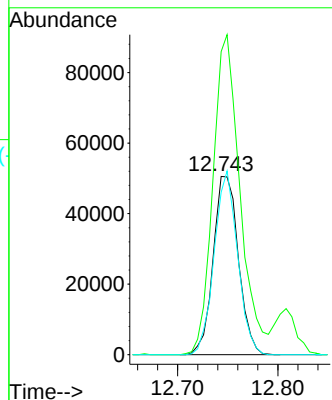
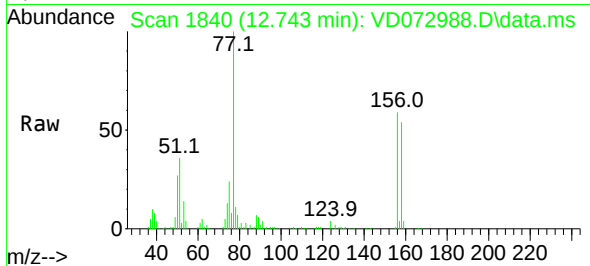




#77  
Bromobenzene  
Concen: 20.721 ug/l  
RT: 12.743 min Scan# 1840  
Delta R.T. -0.006 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

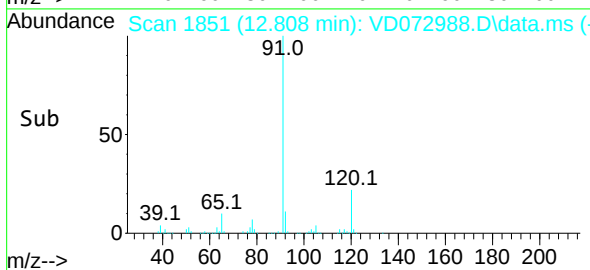
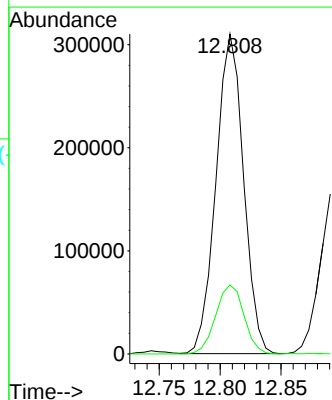
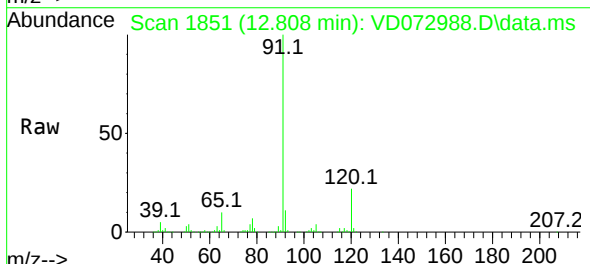
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

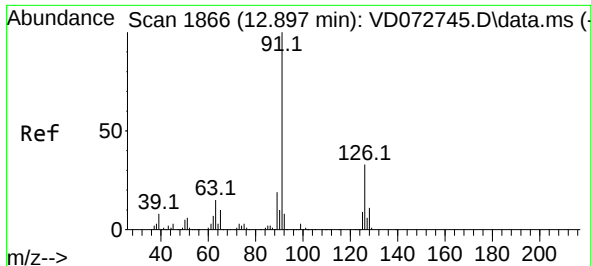
Tgt Ion:156 Resp: 88246  
Ion Ratio Lower Upper  
156 100  
77 192.4 102.8 308.3  
158 95.5 48.7 146.1



#78  
n-propylbenzene  
Concen: 21.588 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 91 Resp: 487972  
Ion Ratio Lower Upper  
91 100  
120 22.1 10.9 32.9

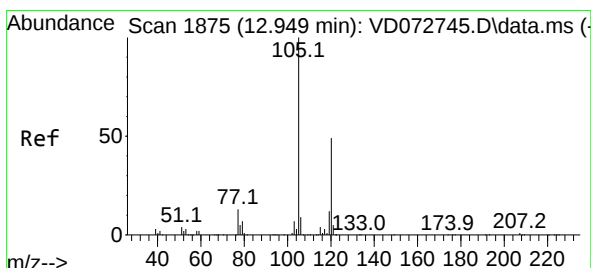
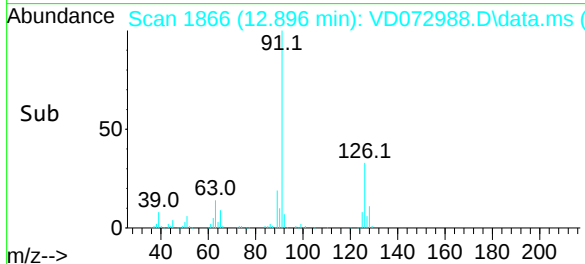
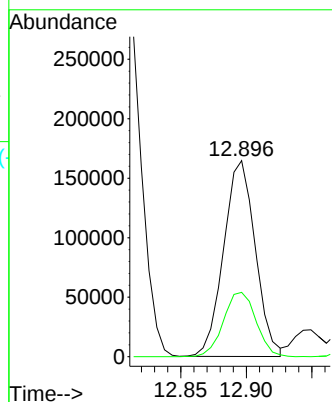
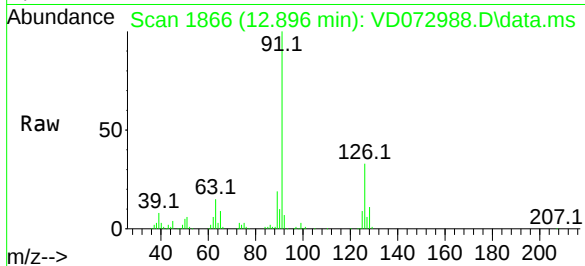




#79  
2-Chlorotoluene  
Concen: 20.947 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.001 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

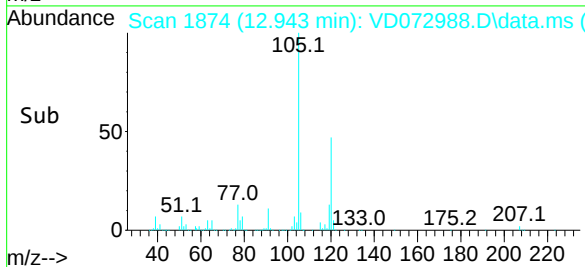
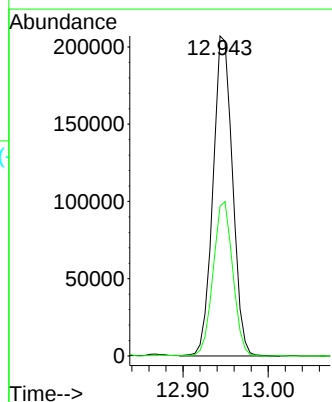
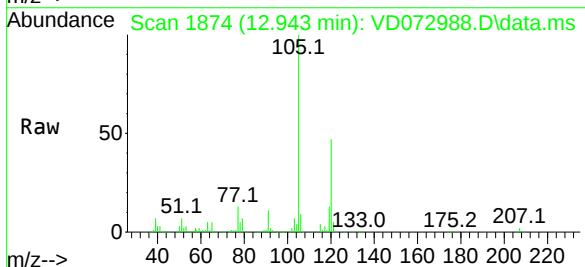
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

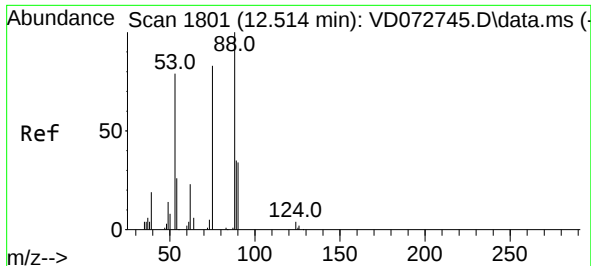
Tgt Ion: 91 Resp: 276579  
Ion Ratio Lower Upper  
91 100  
126 33.9 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 21.685 ug/l  
RT: 12.943 min Scan# 1874  
Delta R.T. -0.006 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 105 Resp: 329760  
Ion Ratio Lower Upper  
105 100  
120 48.5 24.3 72.8

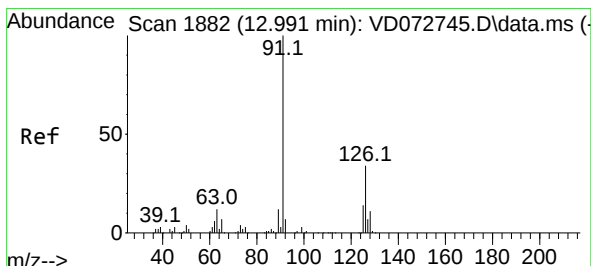
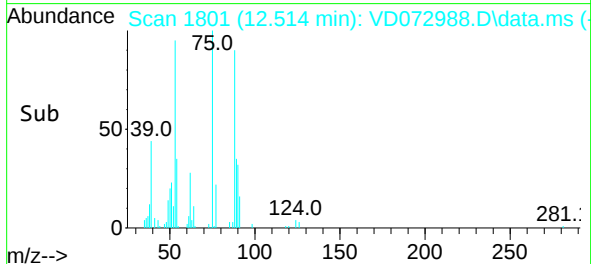
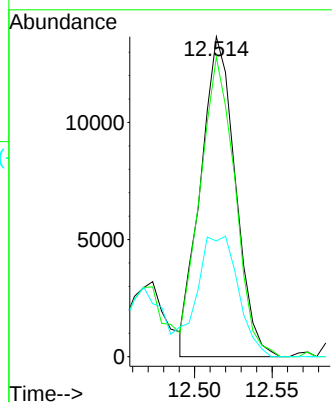
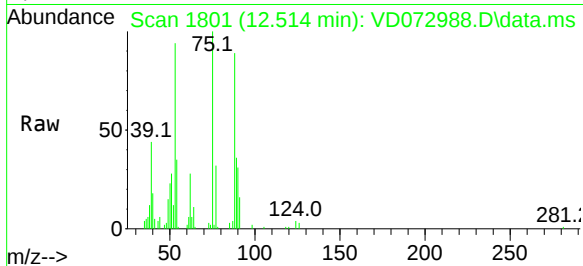




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.055 ug/l  
RT: 12.514 min Scan# 1801  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

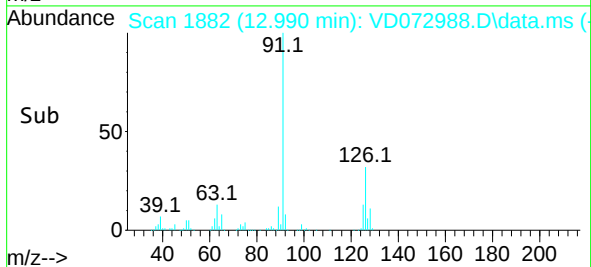
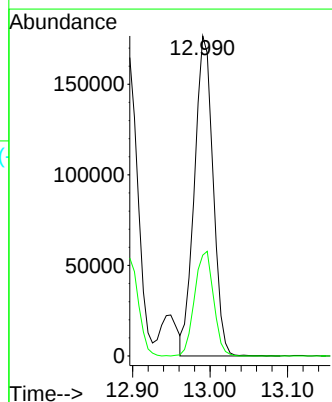
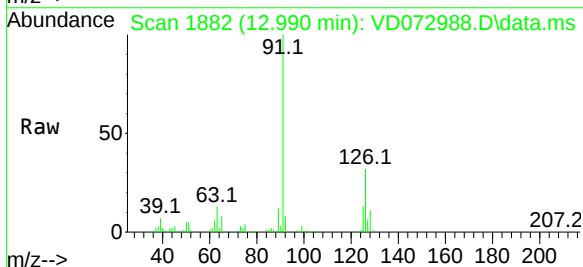
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

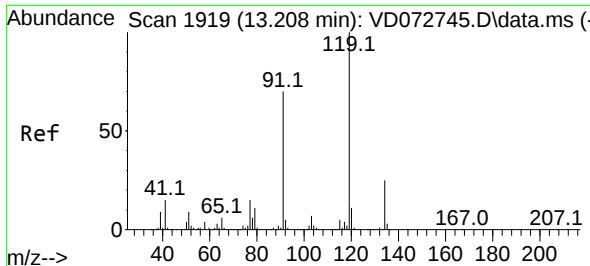
Tgt Ion: 75 Resp: 21299  
Ion Ratio Lower Upper  
75 100  
53 93.8 86.5 129.7  
89 45.4 33.9 50.9



#82  
4-Chlorotoluene  
Concen: 21.404 ug/l  
RT: 12.990 min Scan# 1882  
Delta R.T. -0.001 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 91 Resp: 295281  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.5 49.5

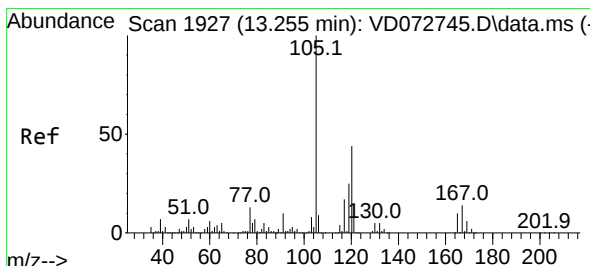
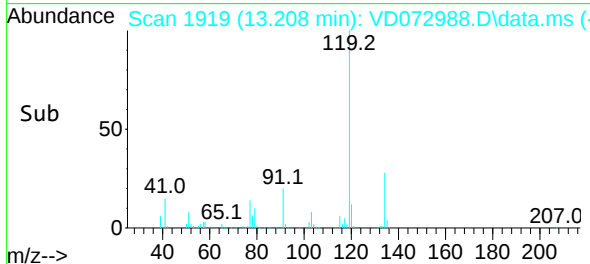
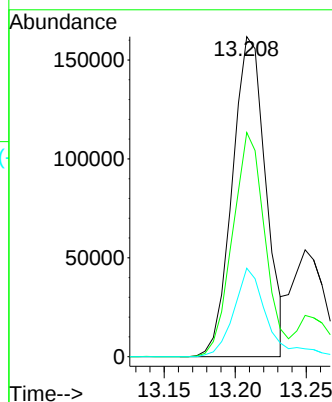
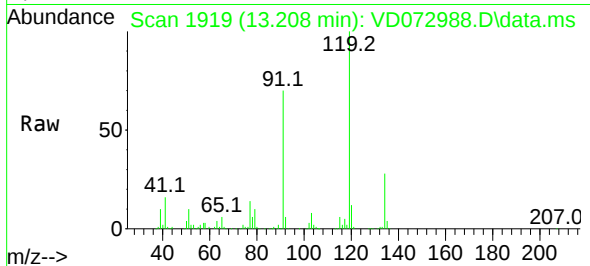




#83  
tert-Butylbenzene  
Concen: 20.449 ug/l  
RT: 13.208 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

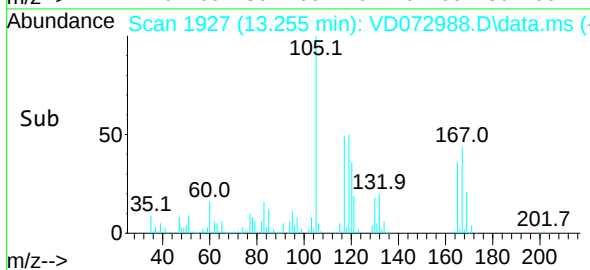
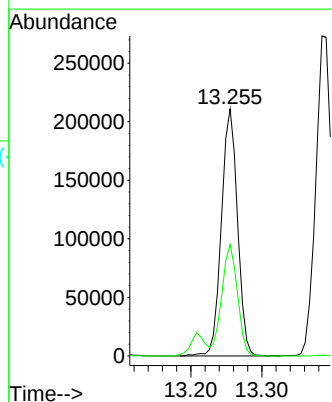
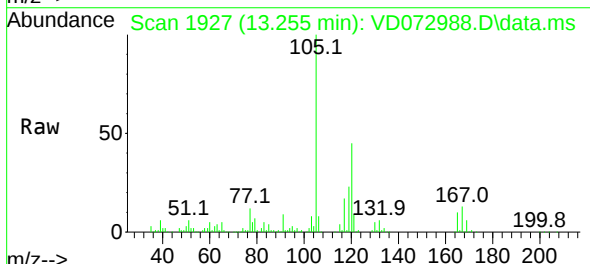
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

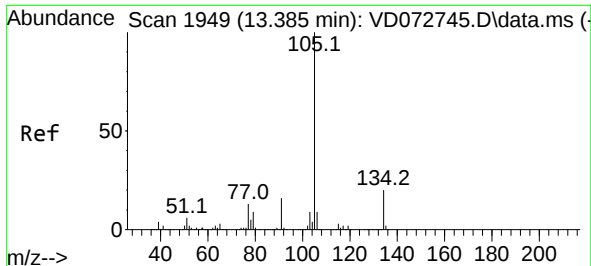
Tgt Ion:119 Resp: 264377  
Ion Ratio Lower Upper  
119 100  
91 68.2 34.8 104.5  
134 27.6 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 21.795 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion:105 Resp: 331289  
Ion Ratio Lower Upper  
105 100  
120 44.1 22.3 66.8

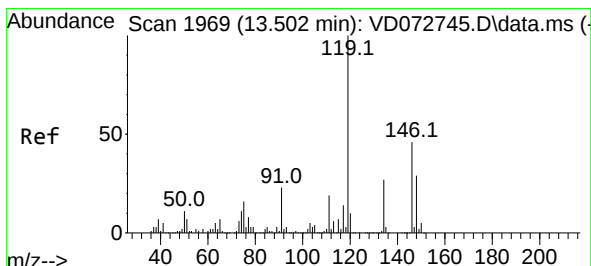
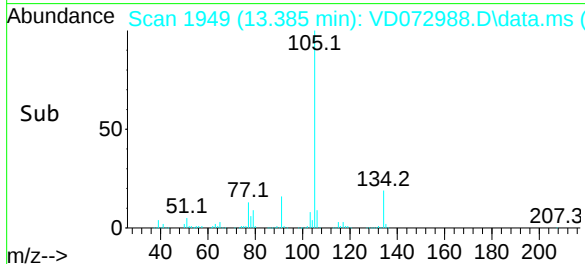
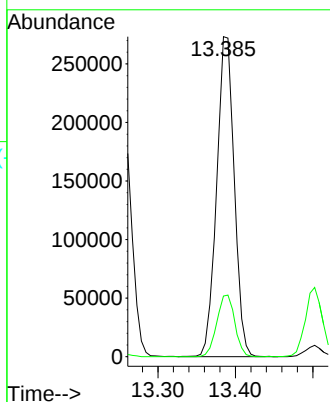
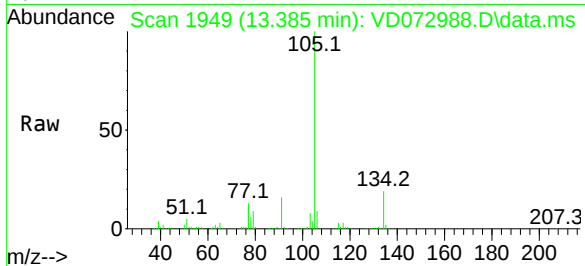




#85  
 sec-Butylbenzene  
 Concen: 22.226 ug/l  
 RT: 13.385 min Scan# 1949  
 Delta R.T. -0.000 min  
 Lab File: VD072988.D  
 Acq: 13 May 2022 14:32

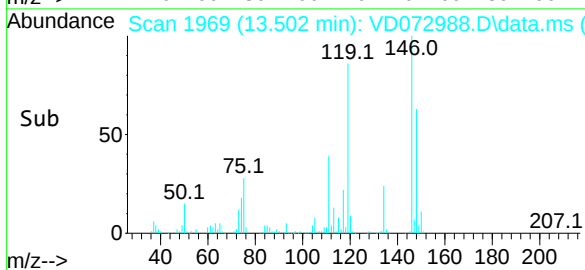
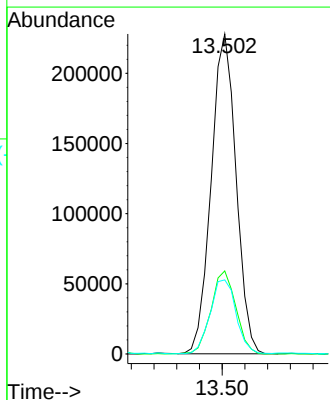
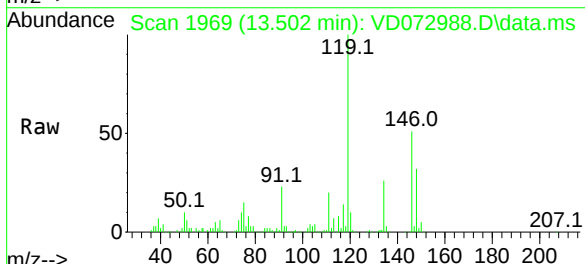
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0513SBS01

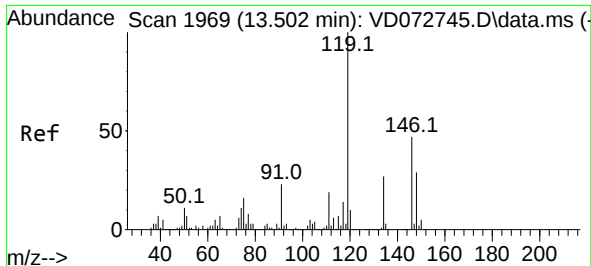
Tgt Ion:105 Resp: 433406  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 21.680 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD072988.D  
 Acq: 13 May 2022 14:32

Tgt Ion:119 Resp: 346615  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.9 38.6  
 91 24.1 12.1 36.3

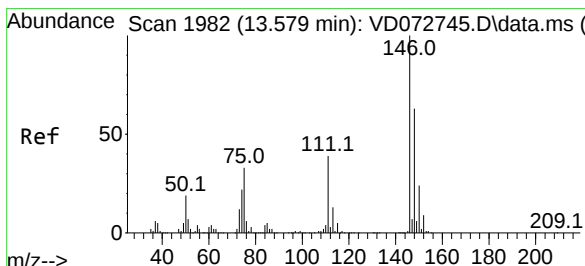
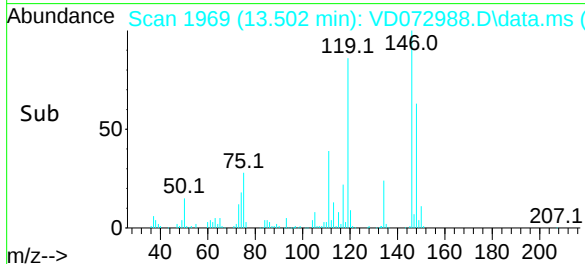
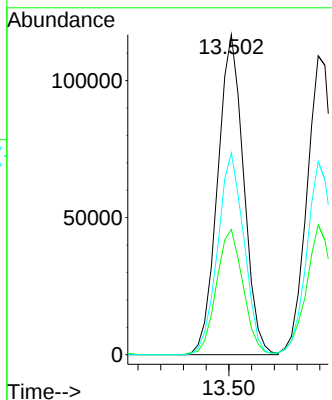
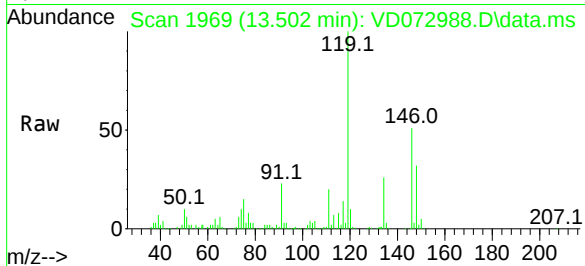




#87  
1,3-Dichlorobenzene  
Concen: 21.677 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

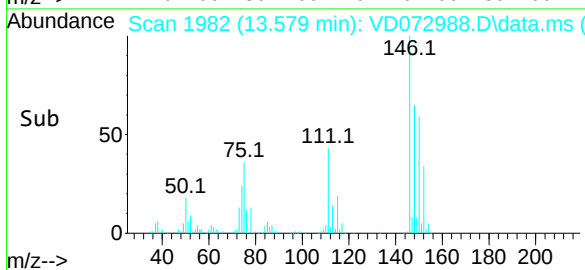
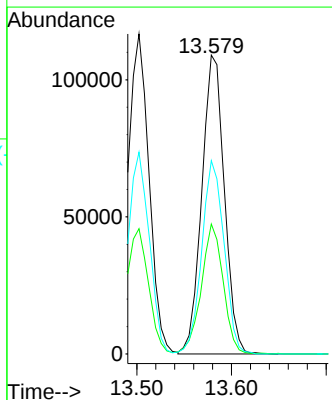
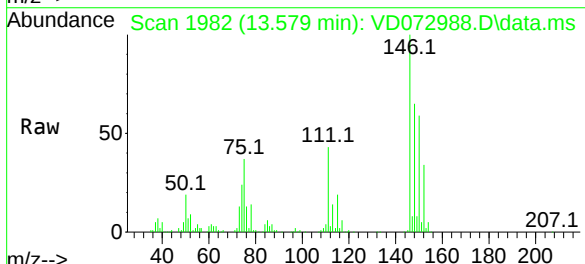
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

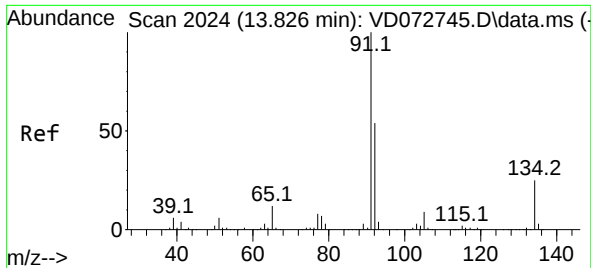
Tgt Ion:146 Resp: 185969  
Ion Ratio Lower Upper  
146 100  
111 40.0 20.4 61.3  
148 63.6 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 21.074 ug/l  
RT: 13.579 min Scan# 1982  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion:146 Resp: 180046  
Ion Ratio Lower Upper  
146 100  
111 42.3 20.3 60.9  
148 64.3 31.7 95.1

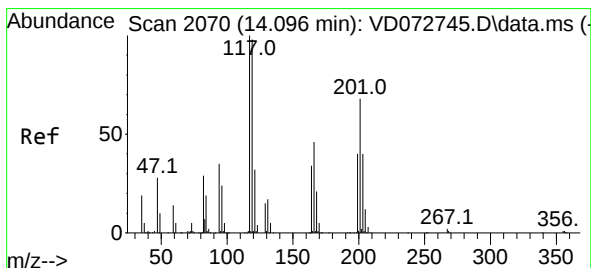
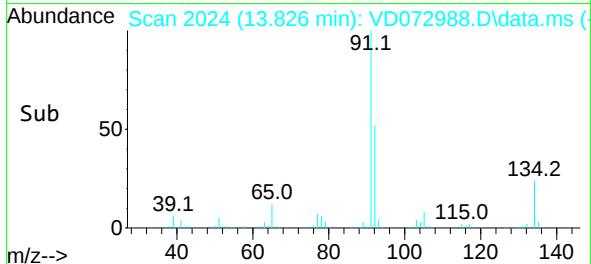
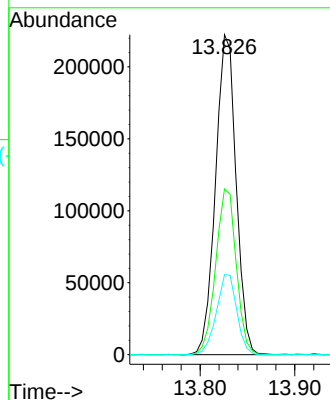
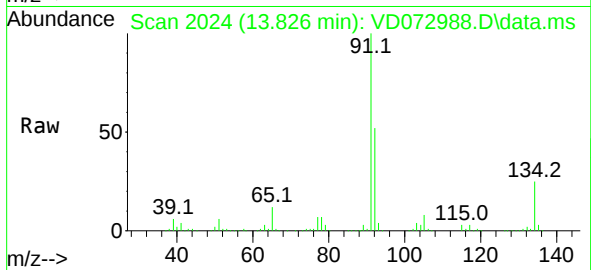




#89  
n-Butylbenzene  
Concen: 21.698 ug/l  
RT: 13.826 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

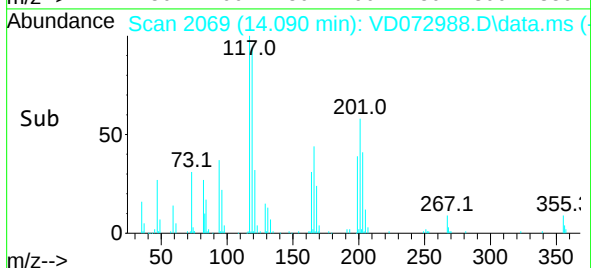
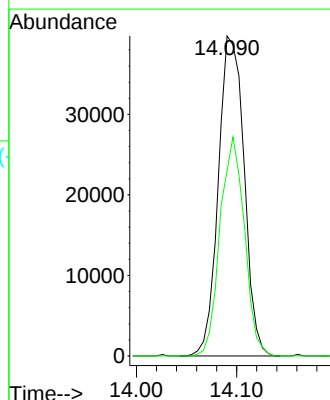
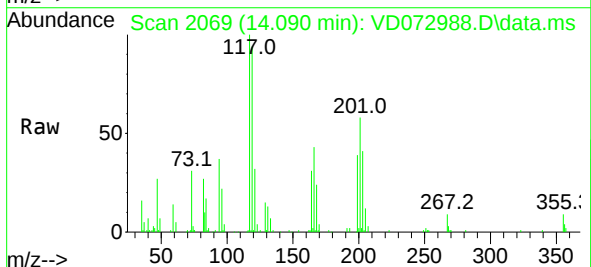
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

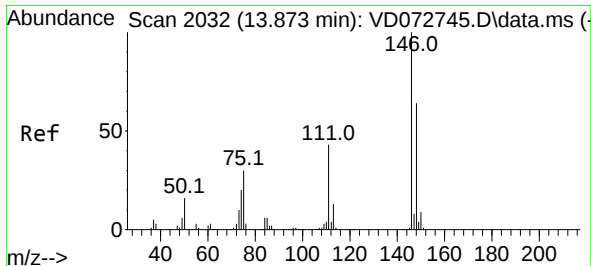
Tgt Ion: 91 Resp: 336047  
Ion Ratio Lower Upper  
91 100  
92 51.8 26.6 79.8  
134 24.9 12.3 36.9



#90  
Hexachloroethane  
Concen: 21.597 ug/l  
RT: 14.090 min Scan# 2069  
Delta R.T. -0.006 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion: 117 Resp: 70735  
Ion Ratio Lower Upper  
117 100  
201 64.7 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 20.650 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

Instrument :

MSVOA\_D

ClientSampleId :

VD0513SBS01

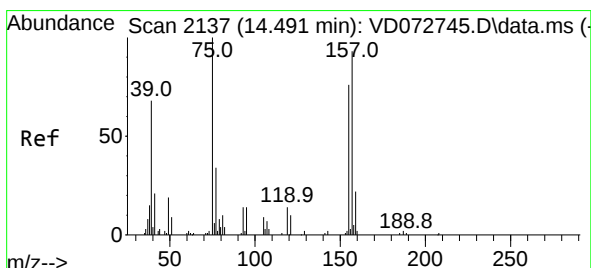
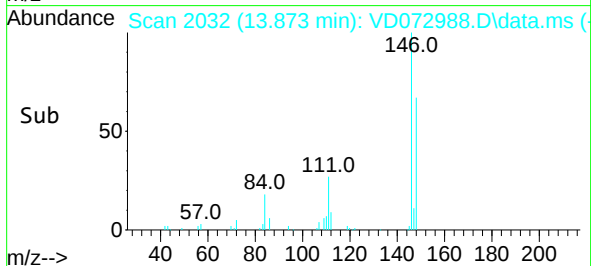
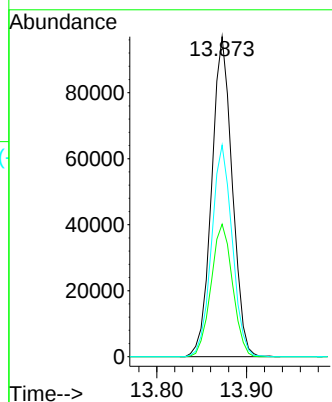
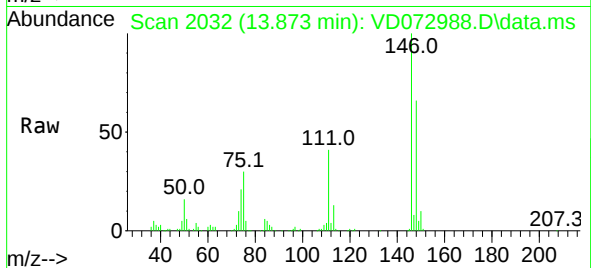
Tgt Ion:146 Resp: 154401

Ion Ratio Lower Upper

146 100

111 43.1 21.1 63.3

148 66.3 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.408 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.006 min

Lab File: VD072988.D

Acq: 13 May 2022 14:32

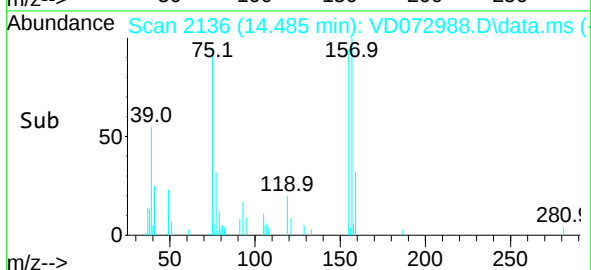
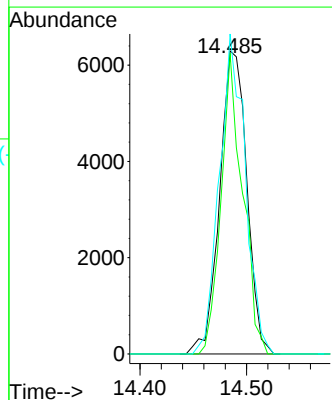
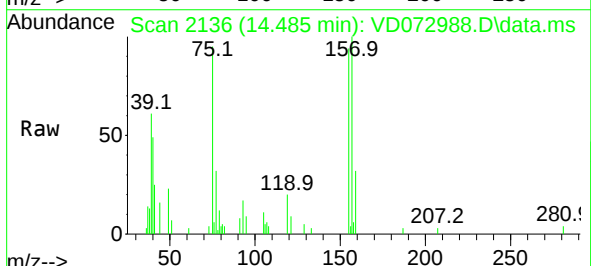
Tgt Ion: 75 Resp: 11138

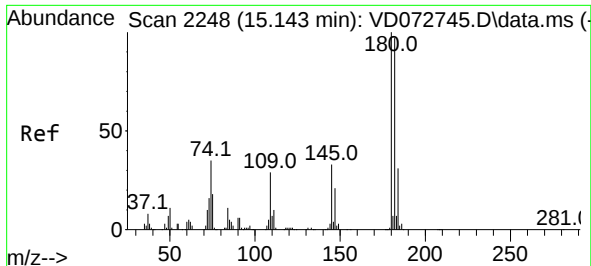
Ion Ratio Lower Upper

75 100

155 78.8 36.8 110.3

157 100.5 48.4 145.0

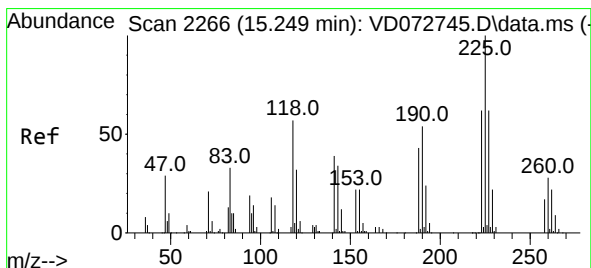
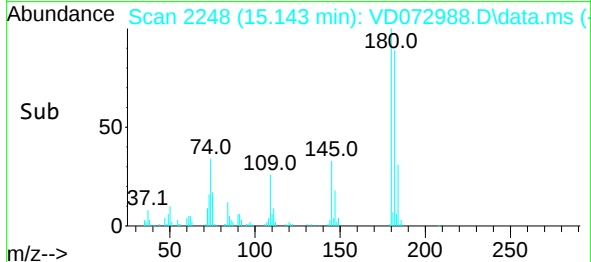
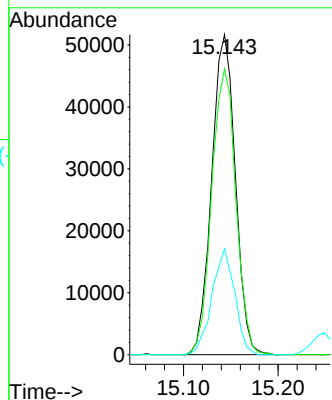
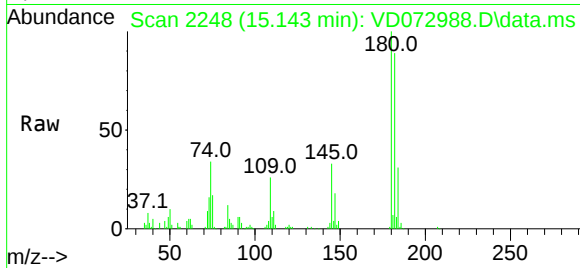




#93  
1,2,4-Trichlorobenzene  
Concen: 20.278 ug/l  
RT: 15.143 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

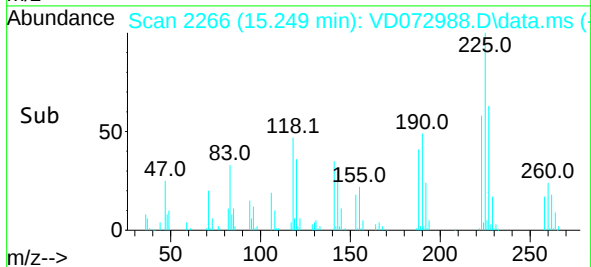
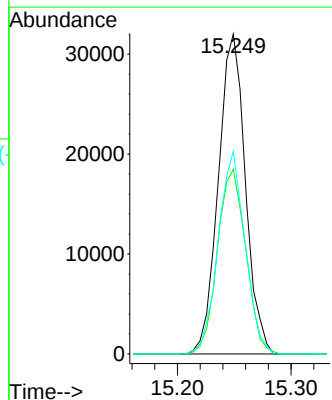
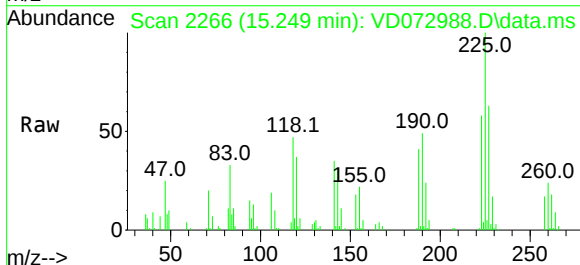
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

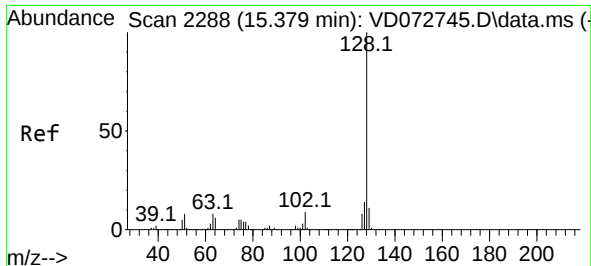
Tgt Ion:180 Resp: 89793  
Ion Ratio Lower Upper  
180 100  
182 91.1 47.3 142.0  
145 31.8 16.2 48.5



#94  
Hexachlorobutadiene  
Concen: 21.867 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. 0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion:225 Resp: 52881  
Ion Ratio Lower Upper  
225 100  
223 60.5 31.1 93.2  
227 62.9 32.4 97.0

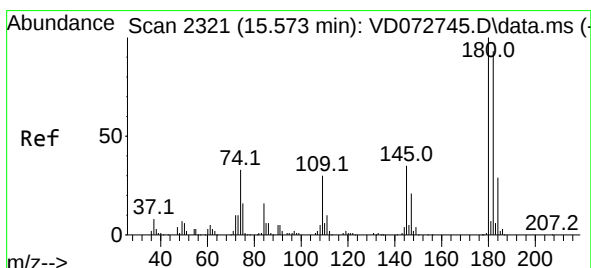
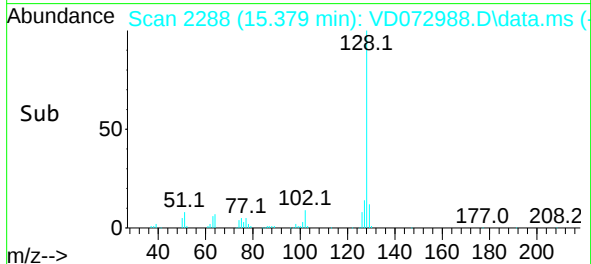
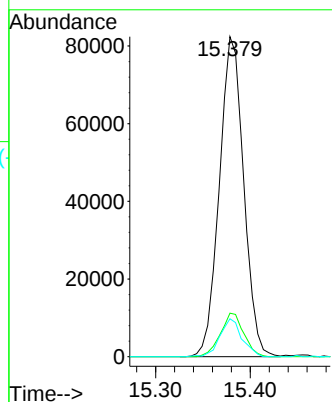
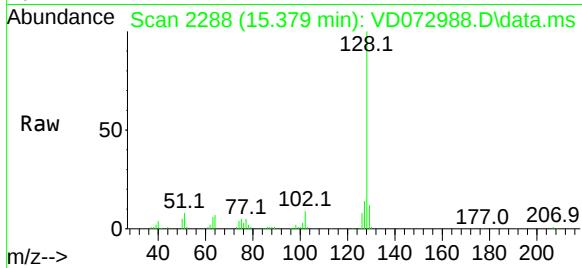




#95  
Naphthalene  
Concen: 18.078 ug/l  
RT: 15.379 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0513SBS01

Tgt Ion:128 Resp: 147177  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.3 15.5  
129 10.7 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 19.711 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.000 min  
Lab File: VD072988.D  
Acq: 13 May 2022 14:32

Tgt Ion:180 Resp: 77371  
Ion Ratio Lower Upper  
180 100  
182 97.8 47.6 142.9  
145 32.4 17.1 51.3

