

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD071823\  
 Data File : VD076769.D  
 Acq On : 18 Jul 2023 11:04  
 Operator : KP/SY  
 Sample : VD0718SBS01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0718SBS01

Quant Time: Jul 19 06:41:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071423S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 17 08:07:52 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.875  | 168  | 185324   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.775  | 114  | 336412   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.581 | 117  | 301505   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.516 | 152  | 142399   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 86348    | 46.779   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 93.560% |
| 35) Dibromofluoromethane    | 7.805  | 113   | 104125   | 49.254   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 98.500% |
| 50) Toluene-d8              | 10.269 | 98    | 360360   | 47.650   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 95.300% |
| 62) 4-Bromofluorobenzene    | 12.569 | 95    | 114259   | 46.702   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 93.400% |

|                              |       |     |        |         |        |      |
|------------------------------|-------|-----|--------|---------|--------|------|
| Target Compounds             |       |     |        |         | Qvalue |      |
| 2) Dichlorodifluoromethane   | 1.929 | 85  | 34593  | 23.870  | ug/l   | 97   |
| 3) Chloromethane             | 2.146 | 50  | 46203  | 18.482  | ug/l   | 100  |
| 4) Vinyl Chloride            | 2.281 | 62  | 70152  | 21.051  | ug/l   | 93   |
| 5) Bromomethane              | 2.676 | 94  | 57264  | 20.885  | ug/l   | 97   |
| 6) Chloroethane              | 2.823 | 64  | 50757  | 20.173  | ug/l   | 97   |
| 7) Trichlorofluoromethane    | 3.164 | 101 | 66982  | 22.589  | ug/l   | 91   |
| 8) Diethyl Ether             | 3.593 | 74  | 20388  | 19.970  | ug/l   | 100  |
| 9) 1,1,2-Trichlorotrifluo... | 3.958 | 101 | 44936  | 23.054  | ug/l   | 94   |
| 10) Methyl Iodide            | 4.158 | 142 | 45956  | 20.915  | ug/l   | 93   |
| 11) Tert butyl alcohol       | 5.058 | 59  | 13108  | 95.163  | ug/l   | 96   |
| 12) 1,1-Dichloroethene       | 3.934 | 96  | 36670  | 20.024  | ug/l   | # 79 |
| 13) Acrolein                 | 3.799 | 56  | 10442  | 111.243 | ug/l   | 97   |
| 14) Allyl chloride           | 4.552 | 41  | 47265  | 19.647  | ug/l   | 93   |
| 15) Acrylonitrile            | 5.258 | 53  | 45999  | 91.735  | ug/l   | 99   |
| 16) Acetone                  | 4.017 | 43  | 42039  | 95.362  | ug/l   | 87   |
| 17) Carbon Disulfide         | 4.264 | 76  | 83860  | 19.606  | ug/l   | 96   |
| 18) Methyl Acetate           | 4.564 | 43  | 33908  | 20.472  | ug/l   | 94   |
| 19) Methyl tert-butyl Ether  | 5.322 | 73  | 91188  | 18.568  | ug/l   | 97   |
| 20) Methylene Chloride       | 4.799 | 84  | 65773  | 18.585  | ug/l   | 88   |
| 21) trans-1,2-Dichloroethene | 5.311 | 96  | 42922  | 20.164  | ug/l   | 93   |
| 22) Diisopropyl ether        | 6.222 | 45  | 109614 | 19.242  | ug/l   | 96   |
| 23) Vinyl Acetate            | 6.152 | 43  | 200473 | 71.125  | ug/l   | 94   |
| 24) 1,1-Dichloroethane       | 6.111 | 63  | 78905  | 20.544  | ug/l   | 99   |
| 25) 2-Butanone               | 7.081 | 43  | 58667  | 99.437  | ug/l   | 91   |
| 26) 2,2-Dichloropropane      | 7.075 | 77  | 65924  | 19.911  | ug/l   | 96   |
| 27) cis-1,2-Dichloroethene   | 7.081 | 96  | 50709  | 19.324  | ug/l   | 94   |
| 28) Bromochloromethane       | 7.422 | 49  | 21253  | 22.133  | ug/l   | 86   |
| 29) Tetrahydrofuran          | 7.440 | 42  | 32873  | 94.303  | ug/l   | 90   |
| 30) Chloroform               | 7.593 | 83  | 86673  | 20.603  | ug/l   | 99   |
| 31) Cyclohexane              | 7.875 | 56  | 58524  | 21.543  | ug/l   | 91   |
| 32) 1,1,1-Trichloroethane    | 7.793 | 97  | 73500  | 21.655  | ug/l   | 99   |
| 36) 1,1-Dichloropropene      | 8.011 | 75  | 59415  | 21.508  | ug/l   | 94   |
| 37) Ethyl Acetate            | 7.164 | 43  | 24731  | 20.019  | ug/l   | # 92 |
| 38) Carbon Tetrachloride     | 7.987 | 117 | 58453  | 22.098  | ug/l   | 94   |
| 39) Methylcyclohexane        | 9.269 | 83  | 67342  | 21.112  | ug/l   | 94   |
| 40) Benzene                  | 8.246 | 78  | 179208 | 20.560  | ug/l   | 98   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD071823\  
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 Acq On : 18 Jul 2023 11:04  
 Operator : KP/SY  
 Sample : VD0718SBS01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0718SBS01

Quant Time: Jul 19 06:41:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071423S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 17 08:07:52 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.393  | 41   | 12519    | 16.594  | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 8.322  | 62   | 45498    | 20.090  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 44183    | 18.325  | ug/l # | 81       |
| 44) Trichloroethene           | 9.028  | 130  | 48643    | 20.480  | ug/l   | 87       |
| 45) 1,2-Dichloropropane       | 9.305  | 63   | 44667    | 19.852  | ug/l   | 99       |
| 46) Dibromomethane            | 9.393  | 93   | 26189    | 19.885  | ug/l   | 90       |
| 47) Bromodichloromethane      | 9.587  | 83   | 65357    | 19.775  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.381  | 41   | 19142    | 17.444  | ug/l # | 83       |
| 49) 1,4-Dioxane               | 9.393  | 88   | 6457     | 382.669 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 120038   | 93.509  | ug/l   | 91       |
| 52) Toluene                   | 10.334 | 92   | 116178   | 20.294  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 57582    | 18.771  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 70389    | 19.469  | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 36870    | 19.172  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.599 | 69   | 40580    | 18.282  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 61536    | 19.648  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 83614    | 97.316  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.922 | 43   | 87235    | 95.237  | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.075 | 129  | 44892    | 20.094  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 34397    | 19.292  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.810 | 164  | 40315    | 23.449  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.604 | 112  | 124077   | 20.462  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 47147    | 20.883  | ug/l   | 92       |
| 67) Ethyl Benzene             | 11.681 | 91   | 218927   | 20.558  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.793 | 106  | 171572   | 41.949  | ug/l   | 92       |
| 69) o-Xylene                  | 12.122 | 106  | 78820    | 19.929  | ug/l   | 90       |
| 70) Styrene                   | 12.134 | 104  | 138349   | 19.982  | ug/l   | 98       |
| 71) Bromoform                 | 12.299 | 173  | 25158    | 20.347  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.422 | 105  | 214864   | 20.797  | ug/l   | 95       |
| 74) N-amyl acetate            | 12.234 | 43   | 41107    | 18.887  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 43519    | 19.619  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 50548    | 37.327  | ug/l # | 100      |
| 77) Bromobenzene              | 12.699 | 156  | 49324    | 20.683  | ug/l   | 89       |
| 78) n-propylbenzene           | 12.763 | 91   | 269229   | 21.496  | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 12.846 | 91   | 143205   | 20.853  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 175540   | 21.013  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 13182    | 20.717  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.946 | 91   | 151533   | 21.122  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 159721   | 21.715  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 173723   | 20.350  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.346 | 105  | 241607   | 21.499  | ug/l   | 94       |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 195756   | 21.092  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 101163   | 20.625  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 99442    | 20.693  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.787 | 91   | 191721   | 21.110  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.051 | 117  | 39193    | 22.842  | ug/l   | 81       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 89524    | 20.713  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 6431     | 20.333  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 54400    | 20.617  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 26839    | 21.149  | ug/l   | 97       |
| 95) Naphthalene               | 15.328 | 128  | 106304   | 18.606  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 47611    | 20.107  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD071823\  
Data File : VD076769.D  
Acq On : 18 Jul 2023 11:04  
Operator : KP/SY  
Sample : VD0718SBSD01  
Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

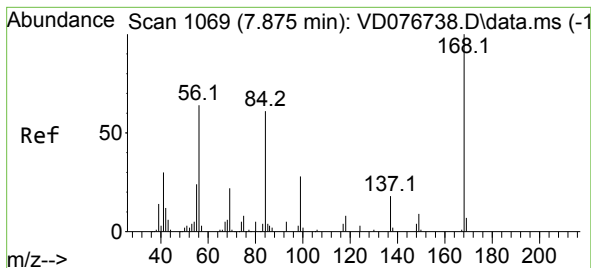
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

Quant Time: Jul 19 06:41:19 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071423S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 17 08:07:52 2023  
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: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

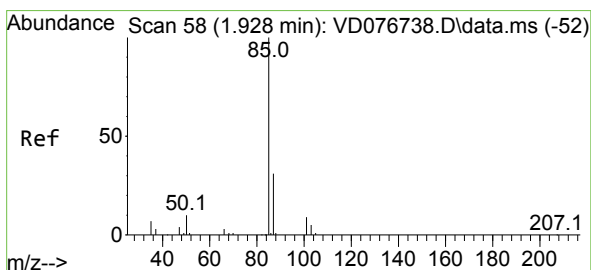
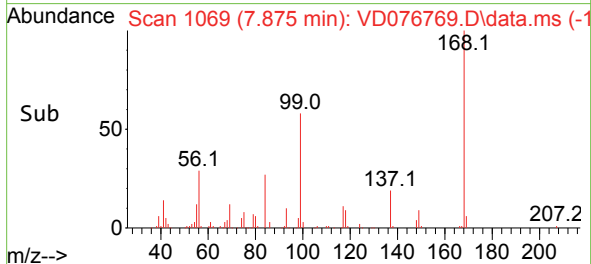
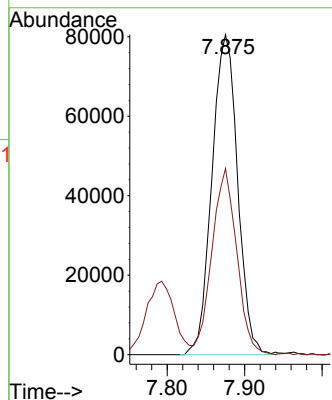
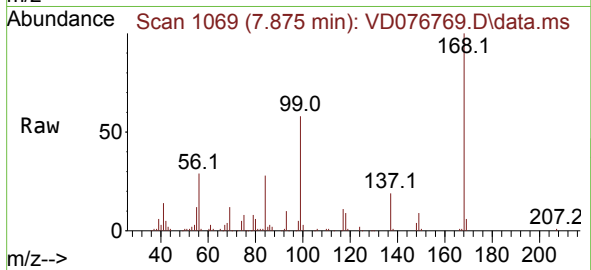
VD0718SBS01

Tgt Ion:168 Resp: 185324

Ion Ratio Lower Upper

168 100

99 57.6 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 23.870 ug/l

RT: 1.929 min Scan# 58

Delta R.T. 0.001 min

Lab File: VD076769.D

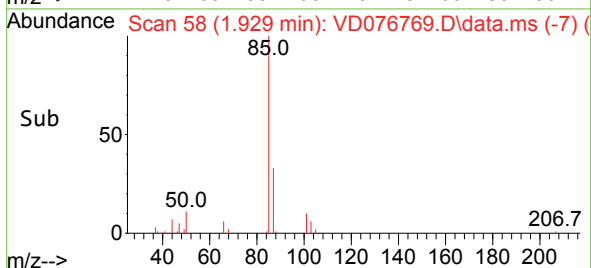
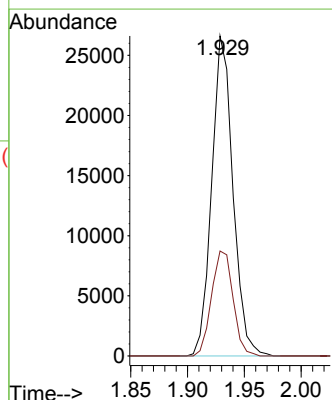
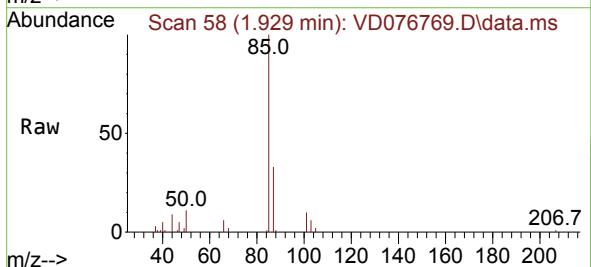
Acq: 18 Jul 2023 11:04

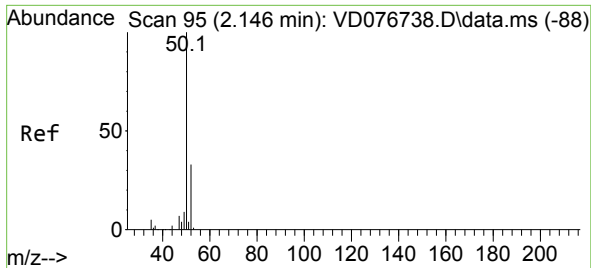
Tgt Ion: 85 Resp: 34593

Ion Ratio Lower Upper

85 100

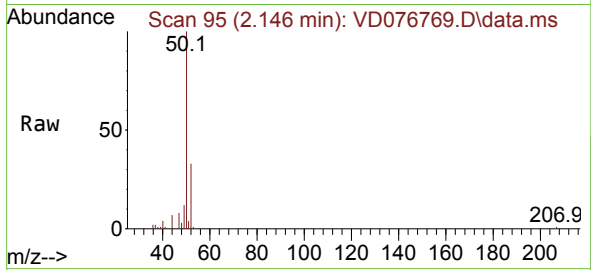
87 32.8 15.7 47.0



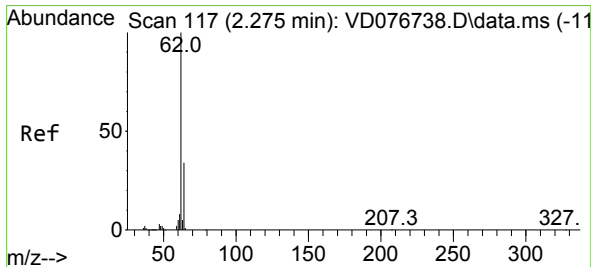
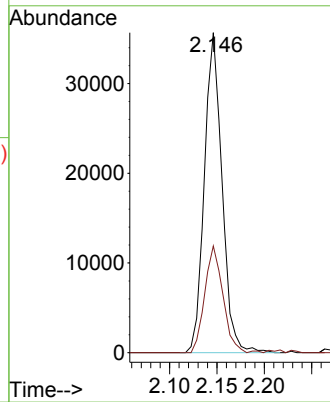
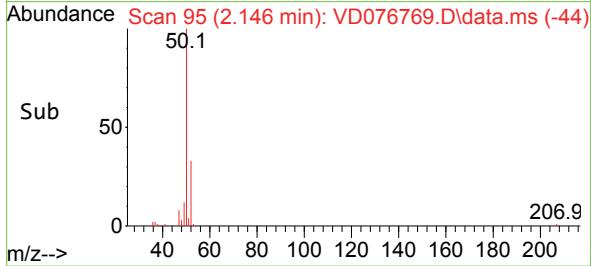


#3  
Chloromethane  
Concen: 18.482 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

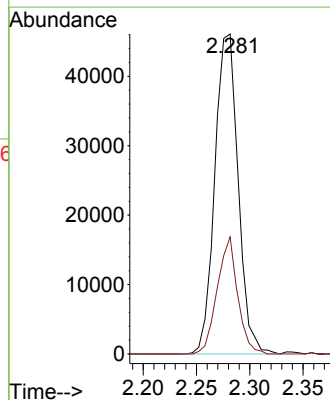
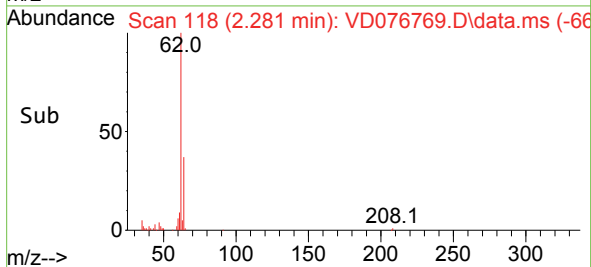
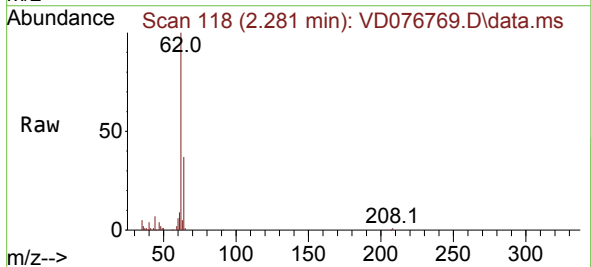


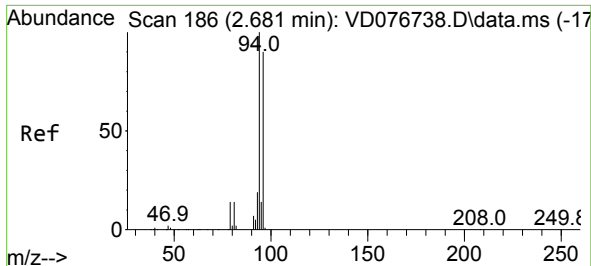
Tgt Ion: 50 Resp: 46203  
Ion Ratio Lower Upper  
50 100  
52 33.4 26.6 40.0



#4  
Vinyl Chloride  
Concen: 21.051 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. 0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 62 Resp: 70152  
Ion Ratio Lower Upper  
62 100  
64 36.6 26.0 39.0

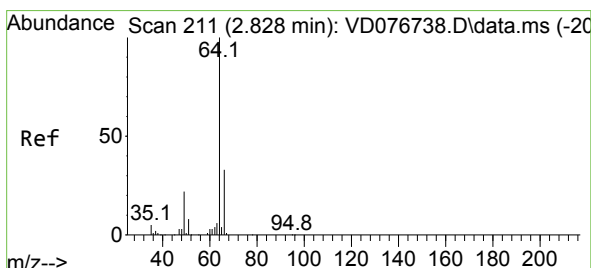
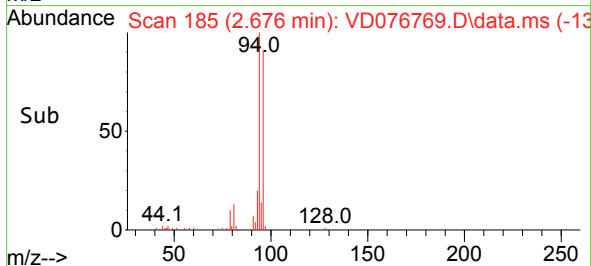
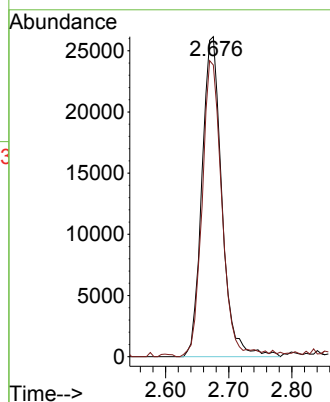
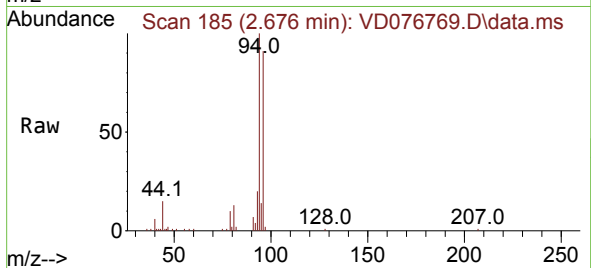




#5  
Bromomethane  
Concen: 20.885 ug/l  
RT: 2.676 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

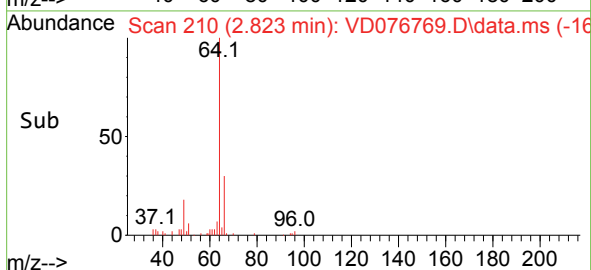
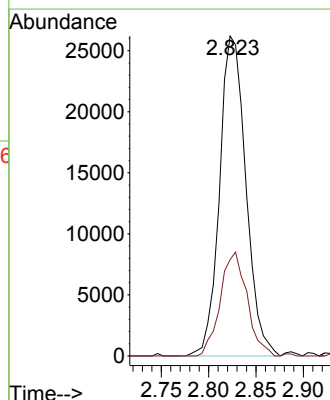
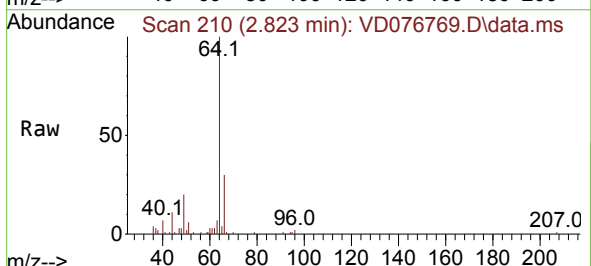
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

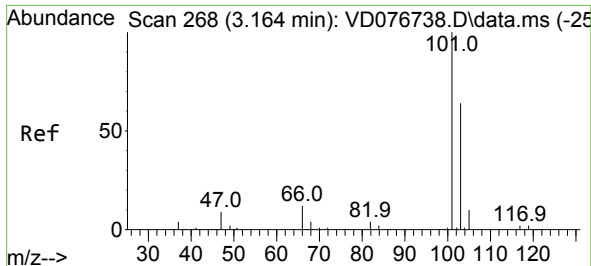
Tgt Ion: 94 Resp: 57264  
Ion Ratio Lower Upper  
94 100  
96 91.4 75.8 113.8



#6  
Chloroethane  
Concen: 20.173 ug/l  
RT: 2.823 min Scan# 210  
Delta R.T. -0.005 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 64 Resp: 50757  
Ion Ratio Lower Upper  
64 100  
66 30.1 25.5 38.3

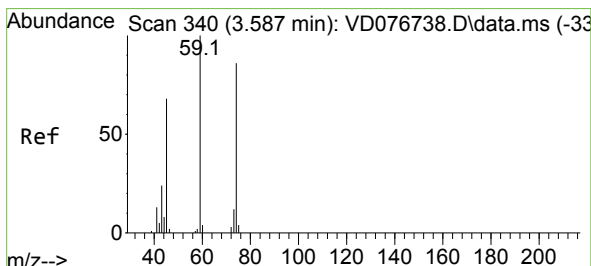
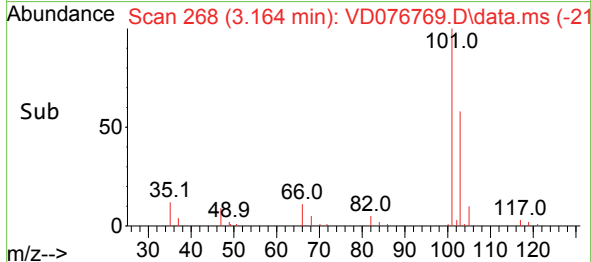
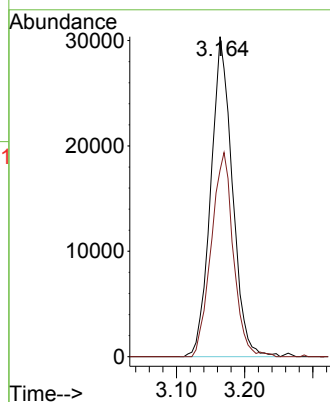
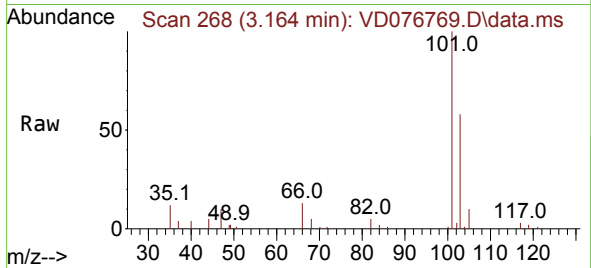




#7  
 Trichlorofluoromethane  
 Concen: 22.589 ug/l  
 RT: 3.164 min Scan# 201  
 Delta R.T. -0.000 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

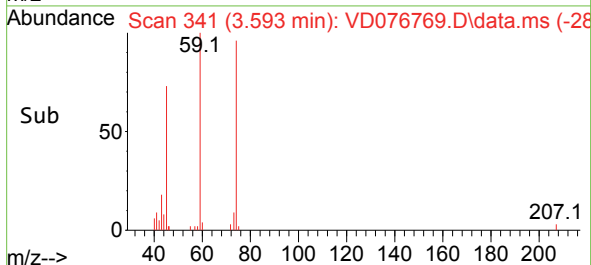
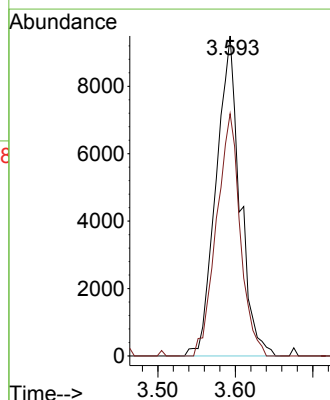
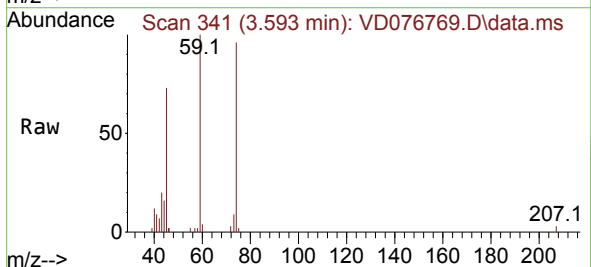
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0718SBSD01

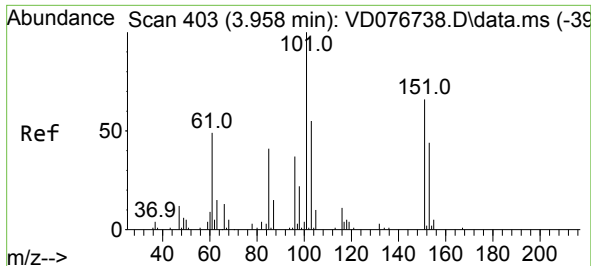
Tgt Ion:101 Resp: 66982  
 Ion Ratio Lower Upper  
 101 100  
 103 58.3 52.3 78.5



#8  
 Diethyl Ether  
 Concen: 19.970 ug/l  
 RT: 3.593 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

Tgt Ion: 74 Resp: 20388  
 Ion Ratio Lower Upper  
 74 100  
 45 75.2 37.5 112.7

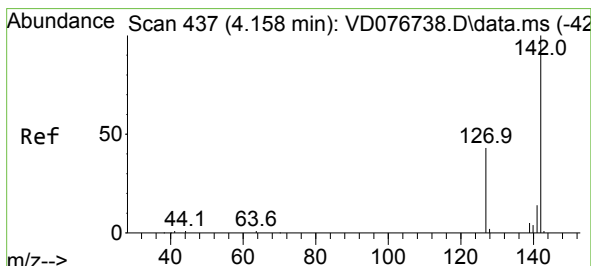
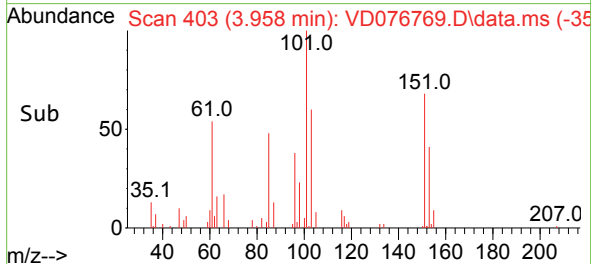
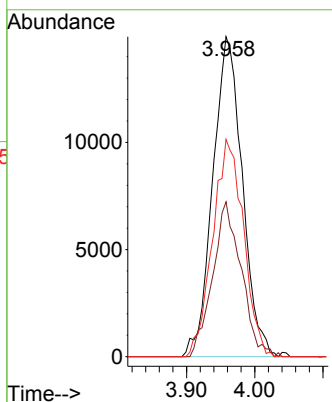
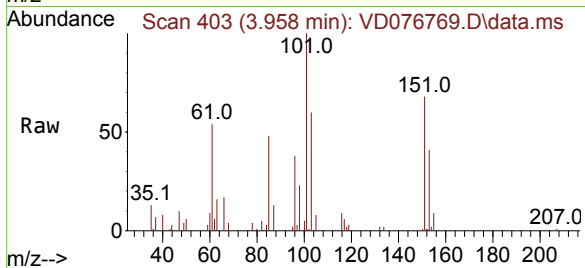




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 23.054 ug/l  
 RT: 3.958 min Scan# 403  
 Delta R.T. -0.000 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

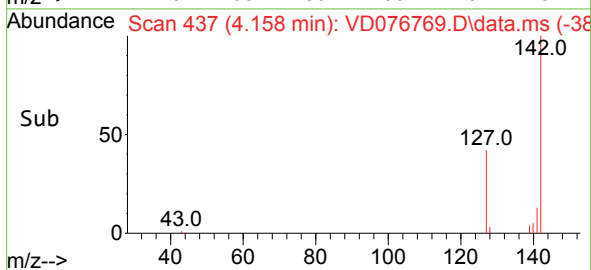
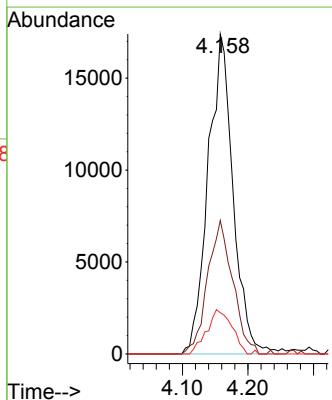
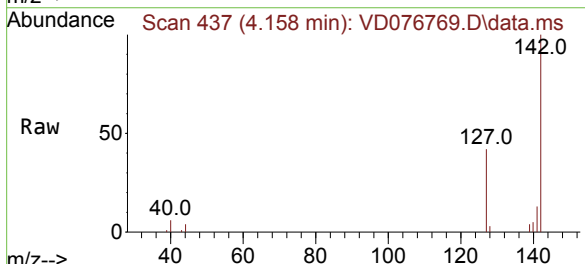
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0718SBS01

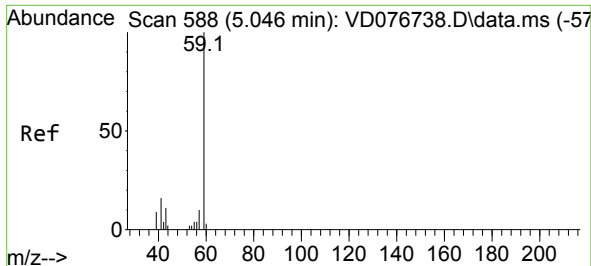
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 44936 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.9  | 33.8  | 50.6  |
| 151      | 70.9  | 59.8  | 89.6  |



#10  
 Methyl Iodide  
 Concen: 20.915 ug/l  
 RT: 4.158 min Scan# 437  
 Delta R.T. -0.000 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 45956 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 42.2  | 29.4  | 44.0  |
| 141      | 13.9  | 11.1  | 16.7  |

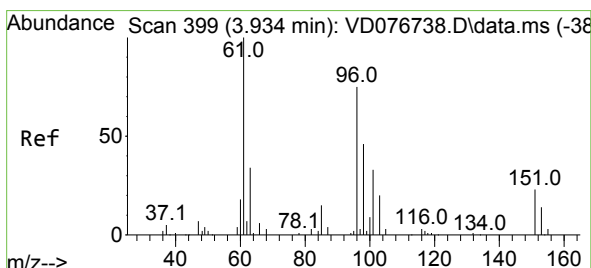
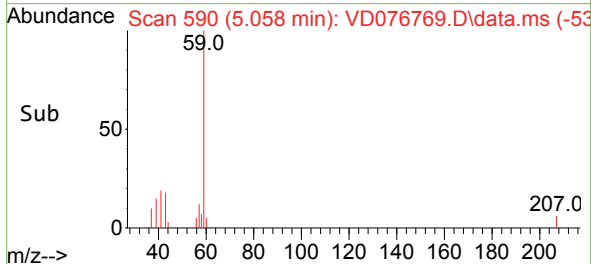
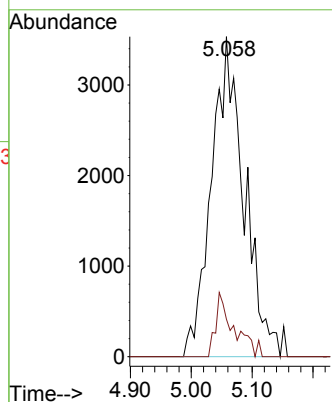
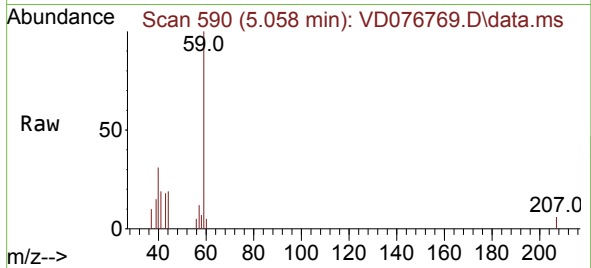




#11  
Tert butyl alcohol  
Concen: 95.163 ug/l  
RT: 5.058 min Scan# 590  
Delta R.T. 0.012 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

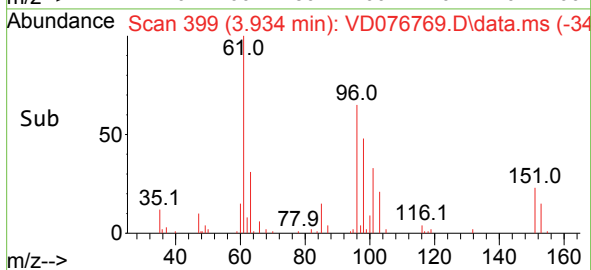
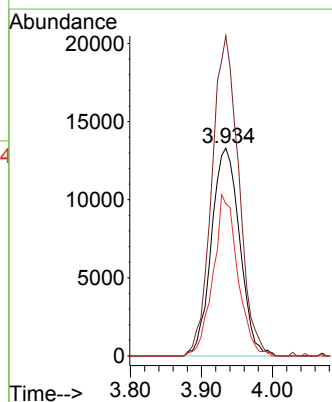
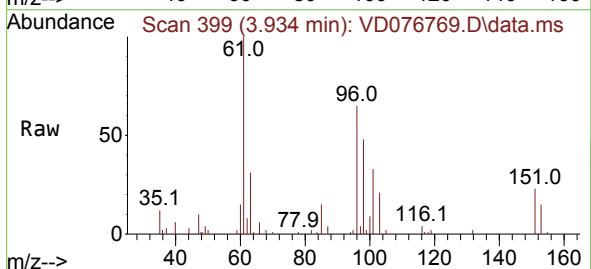
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBS01

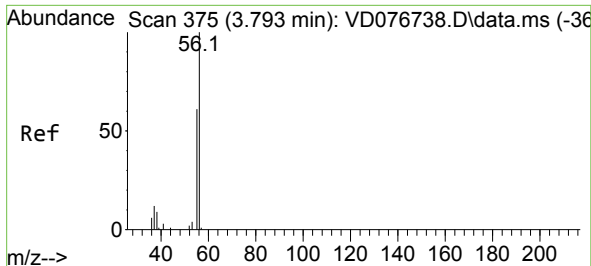
Tgt Ion: 59 Resp: 13108  
Ion Ratio Lower Upper  
59 100  
57 8.2 7.8 11.8



#12  
1,1-Dichloroethene  
Concen: 20.024 ug/l  
RT: 3.934 min Scan# 399  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 96 Resp: 36670  
Ion Ratio Lower Upper  
96 100  
61 153.9 100.6 150.8#  
98 73.3 50.2 75.2





#13

Acrolein

Concen: 111.243 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

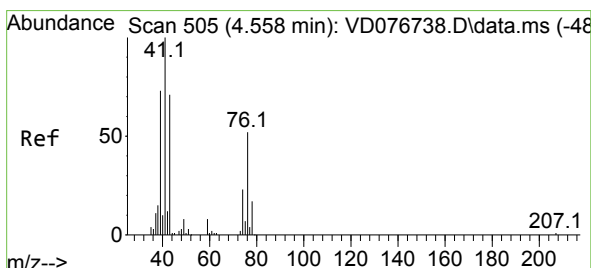
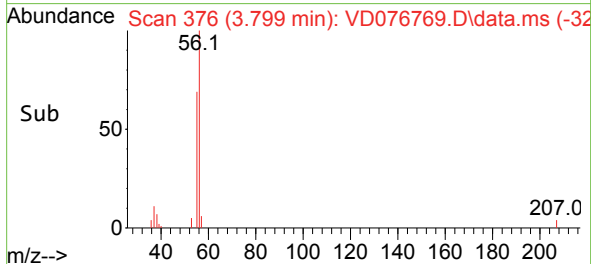
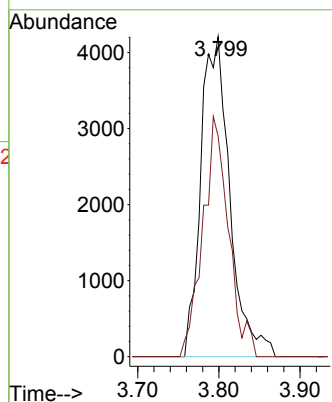
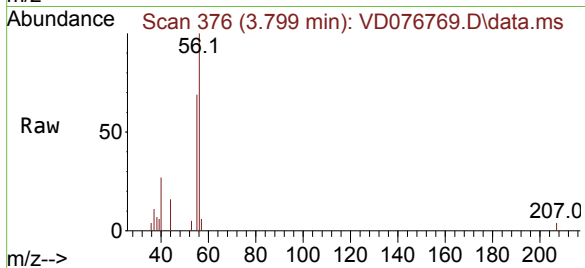
VD0718SBS01

Tgt Ion: 56 Resp: 10442

Ion Ratio Lower Upper

56 100

55 66.5 55.1 82.7



#14

Allyl chloride

Concen: 19.647 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.006 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

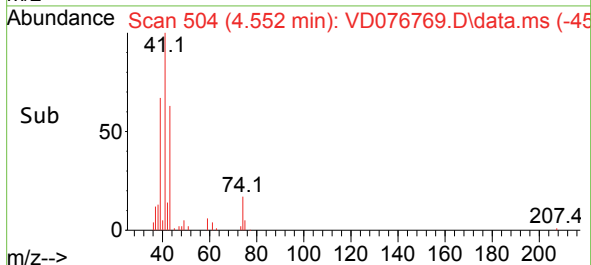
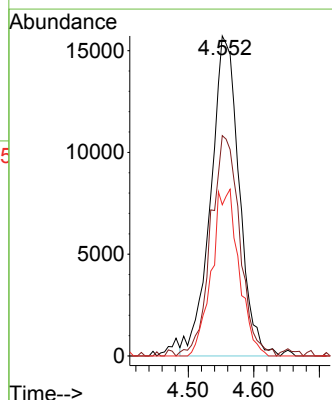
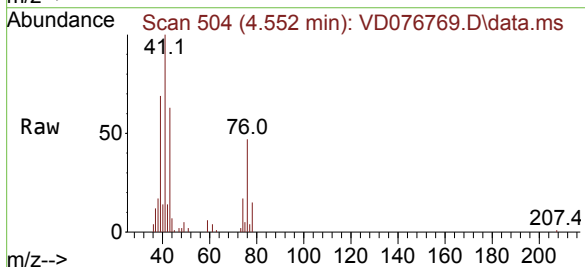
Tgt Ion: 41 Resp: 47265

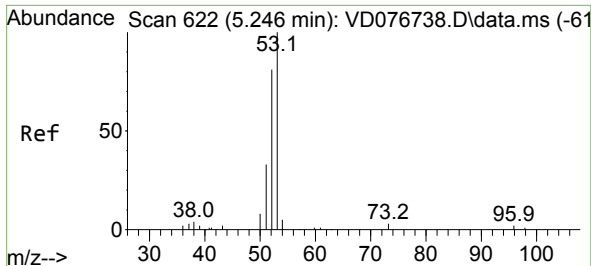
Ion Ratio Lower Upper

41 100

39 70.4 53.8 80.6

76 49.8 45.8 68.8

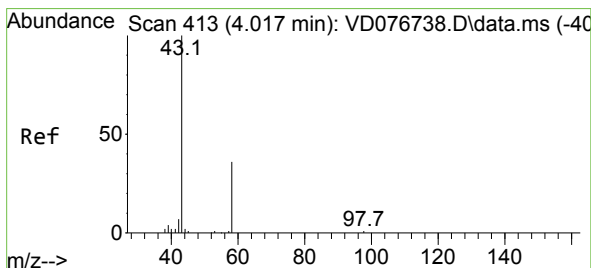
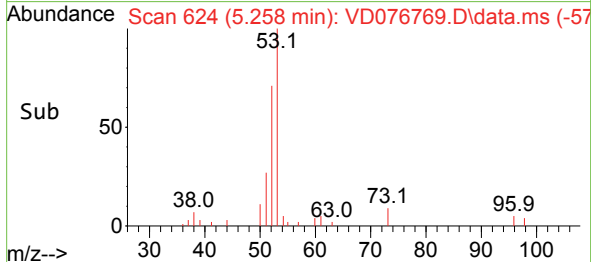
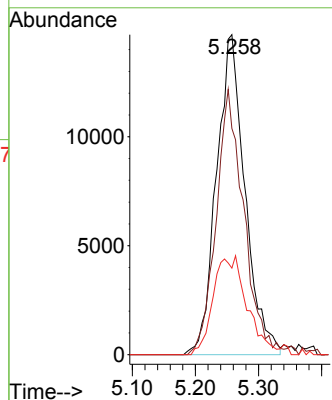
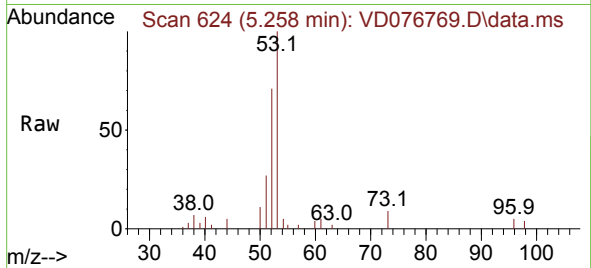




#15  
Acrylonitrile  
Concen: 91.735 ug/l  
RT: 5.258 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

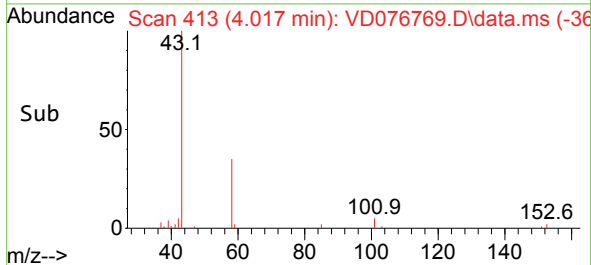
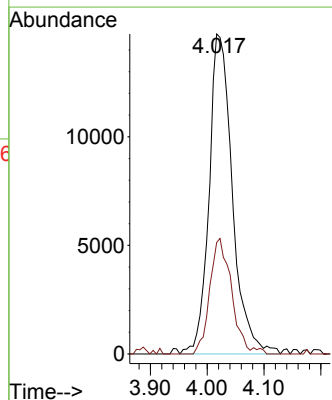
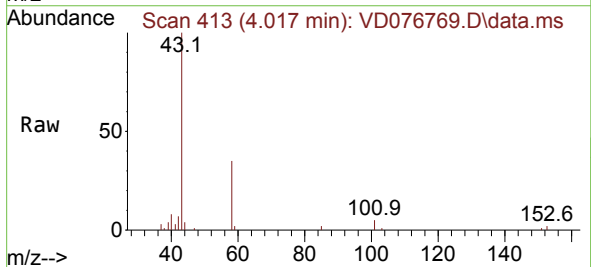
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

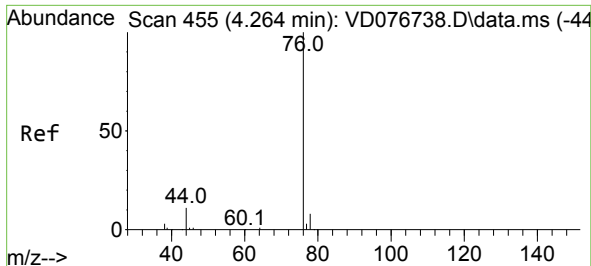
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 80.5  | 65.0  | 97.4  |
| 51      | 36.4  | 28.3  | 42.5  |



#16  
Acetone  
Concen: 95.362 ug/l  
RT: 4.017 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 34.9  | 34.7  | 52.1  |

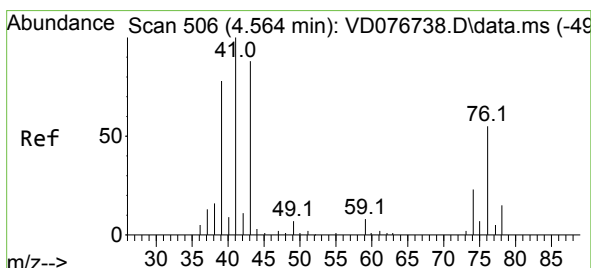
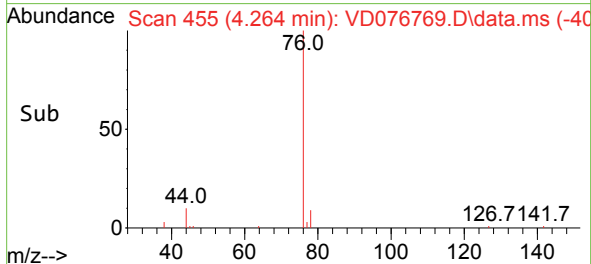
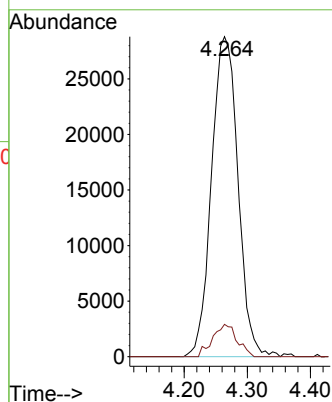
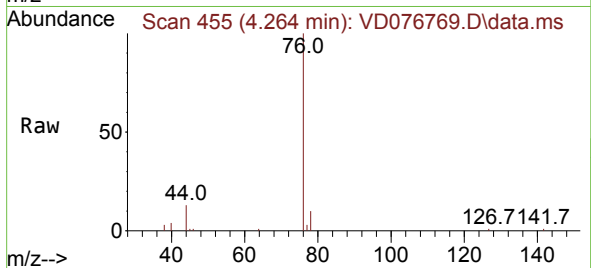




#17  
Carbon Disulfide  
Concen: 19.606 ug/l  
RT: 4.264 min Scan# 455  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

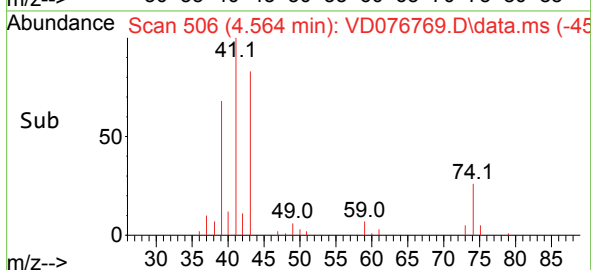
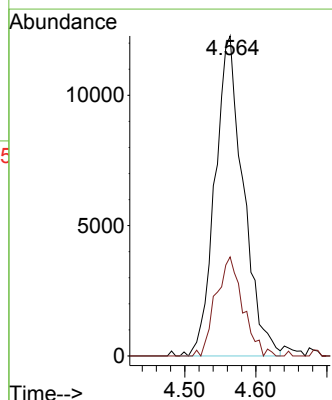
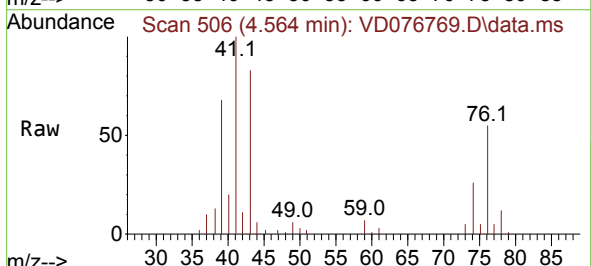
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBS01

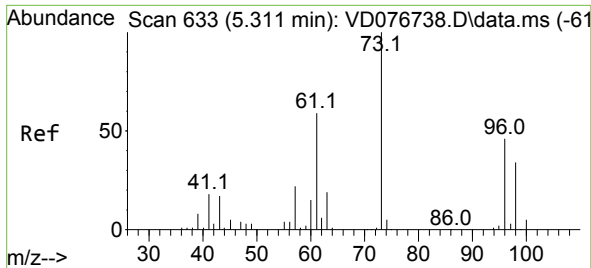
Tgt Ion: 76 Resp: 83860  
Ion Ratio Lower Upper  
76 100  
78 10.1 6.8 10.2



#18  
Methyl Acetate  
Concen: 20.472 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 43 Resp: 33908  
Ion Ratio Lower Upper  
43 100  
74 29.4 26.4 39.6

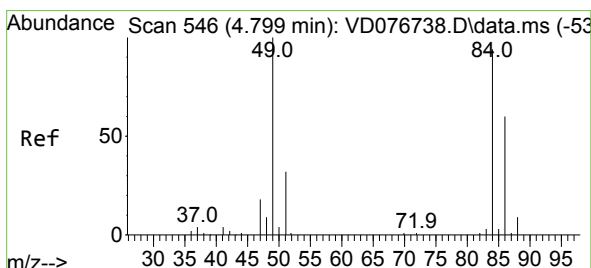
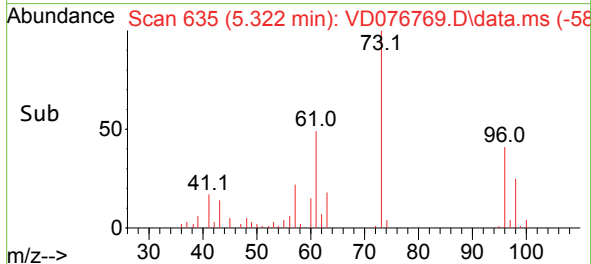
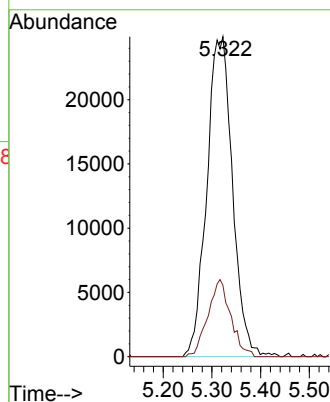
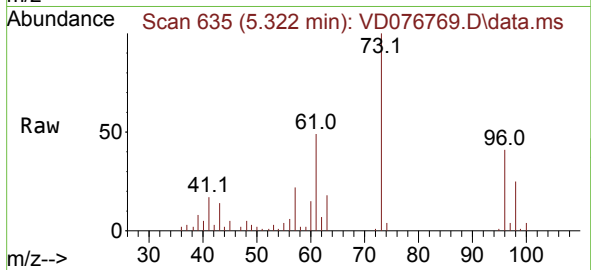




#19  
Methyl tert-butyl Ether  
Concen: 18.568 ug/l  
RT: 5.322 min Scan# 611  
Delta R.T. 0.011 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

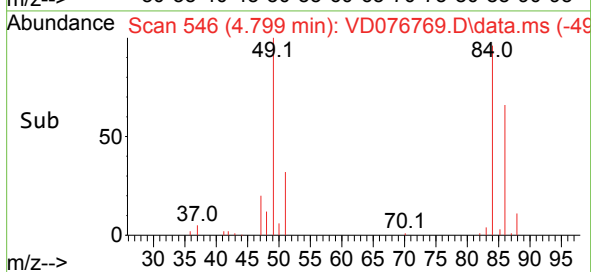
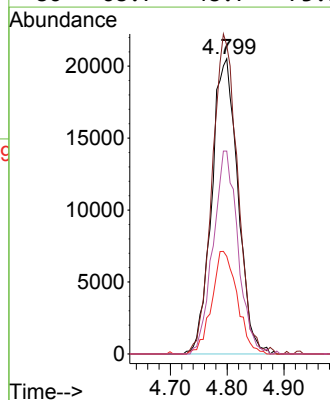
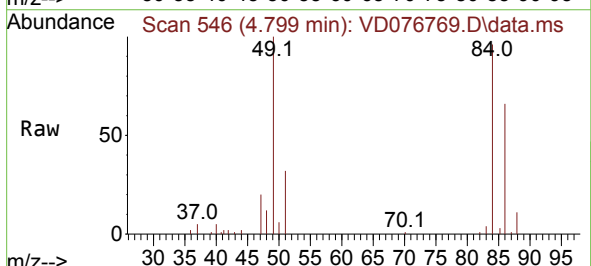
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBS01

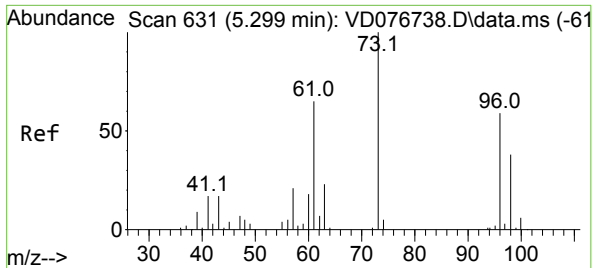
Tgt Ion: 73 Resp: 91188  
Ion Ratio Lower Upper  
73 100  
57 22.3 16.6 25.0



#20  
Methylene Chloride  
Concen: 18.585 ug/l  
RT: 4.799 min Scan# 546  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 84 Resp: 65773  
Ion Ratio Lower Upper  
84 100  
49 104.5 71.4 107.2  
51 33.0 24.5 36.7  
86 68.7 48.7 73.1

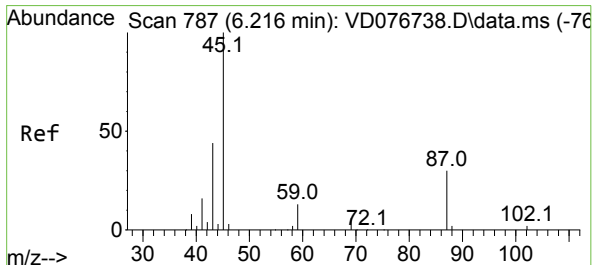
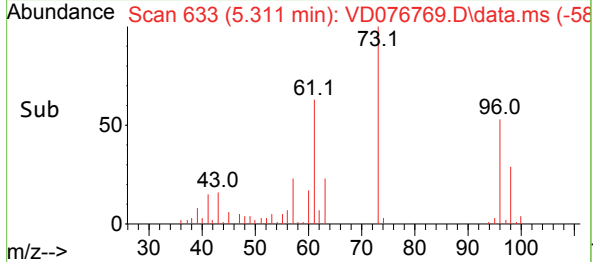
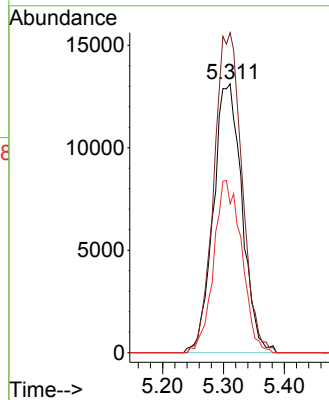
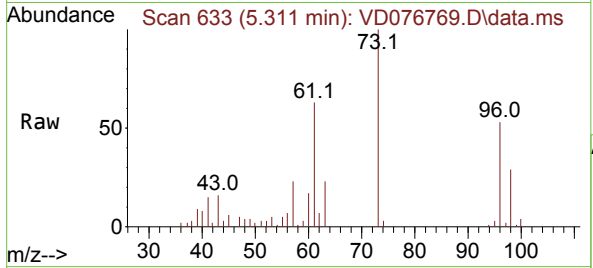




#21  
trans-1,2-Dichloroethene  
Concen: 20.164 ug/l  
RT: 5.311 min Scan# 611  
Delta R.T. 0.012 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

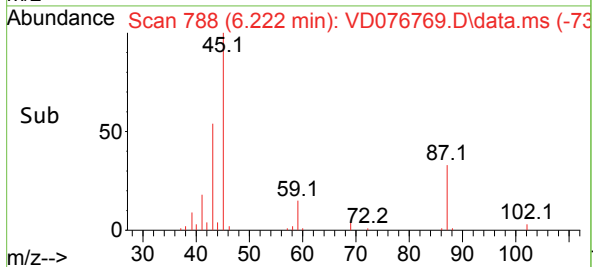
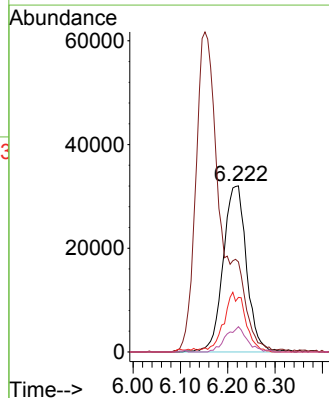
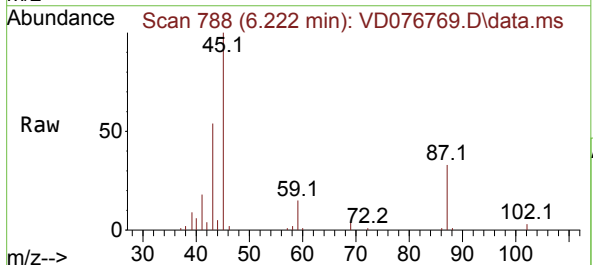
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBS01

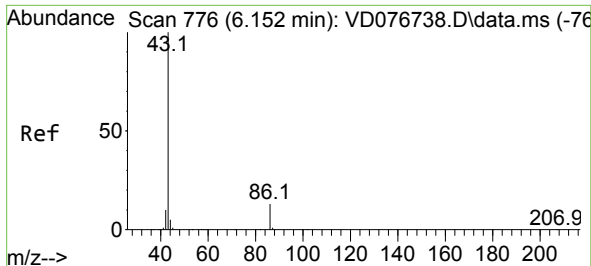
Tgt Ion: 96 Resp: 42922  
Ion Ratio Lower Upper  
96 100  
61 119.0 89.3 133.9  
98 55.4 48.6 73.0



#22  
Diisopropyl ether  
Concen: 19.242 ug/l  
RT: 6.222 min Scan# 788  
Delta R.T. 0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 45 Resp: 109614  
Ion Ratio Lower Upper  
45 100  
43 52.6 40.0 60.0  
87 32.8 28.2 42.4  
59 15.2 11.0 16.4

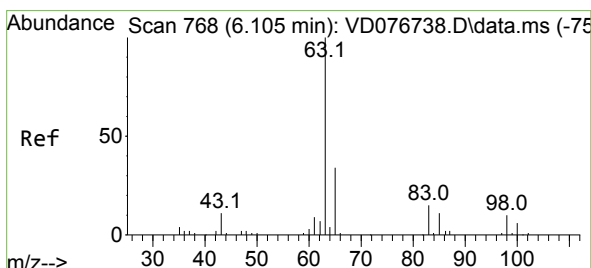
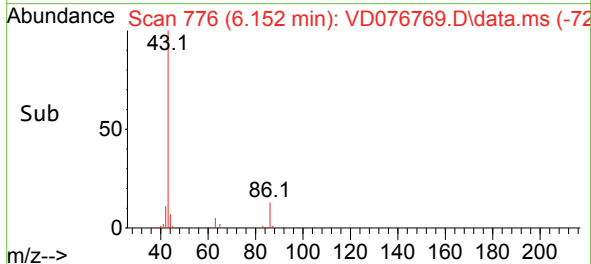
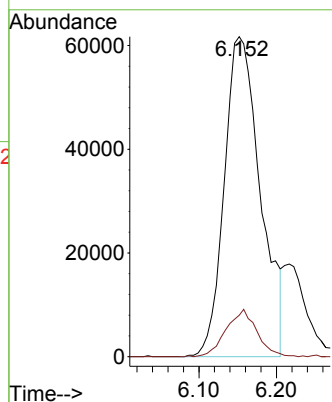
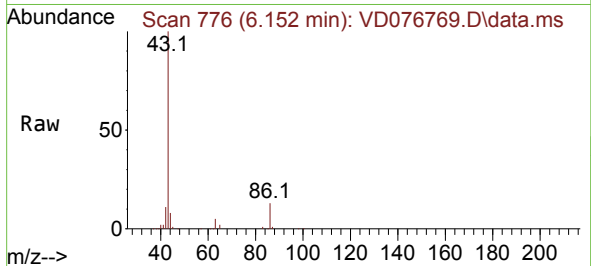




#23  
 Vinyl Acetate  
 Concen: 71.125 ug/l  
 RT: 6.152 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

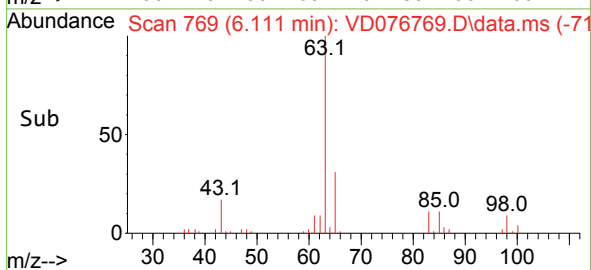
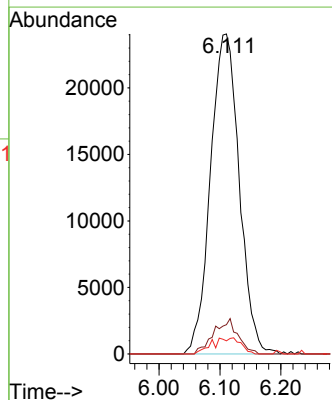
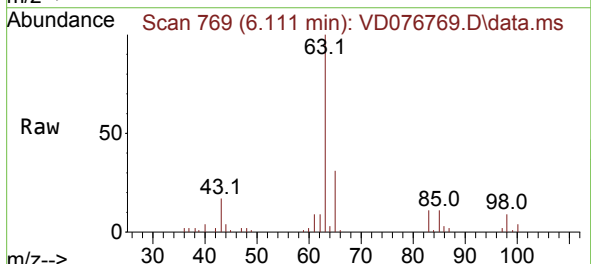
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0718SBS01

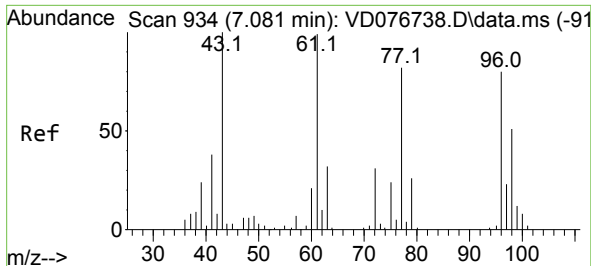
Tgt Ion: 43 Resp: 200473  
 Ion Ratio Lower Upper  
 43 100  
 86 13.0 12.5 18.7



#24  
 1,1-Dichloroethane  
 Concen: 20.544 ug/l  
 RT: 6.111 min Scan# 769  
 Delta R.T. 0.006 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

Tgt Ion: 63 Resp: 78905  
 Ion Ratio Lower Upper  
 63 100  
 98 9.1 4.5 13.7  
 100 4.1 2.5 7.5

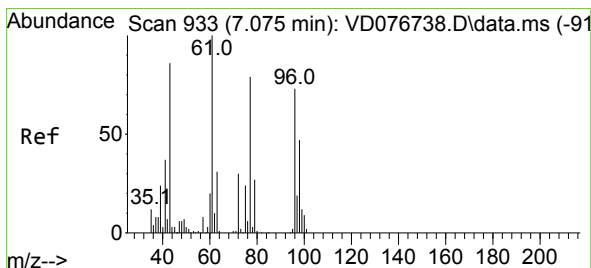
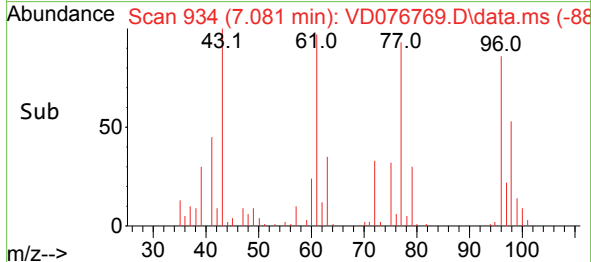
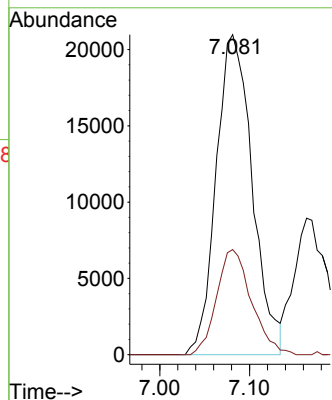
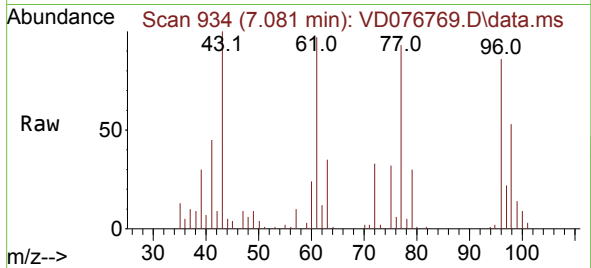




#25  
2-Butanone  
Concen: 99.437 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

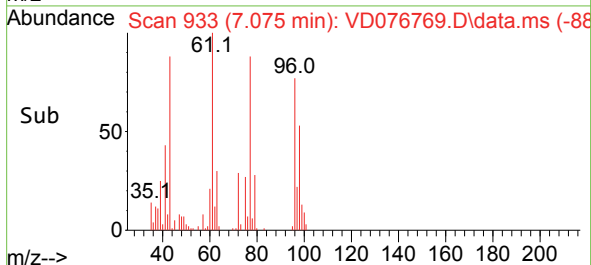
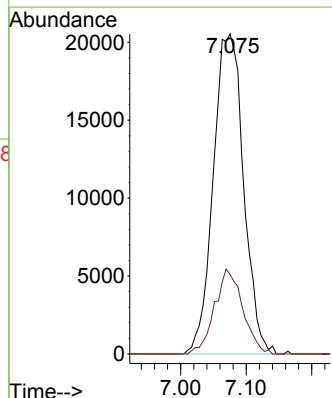
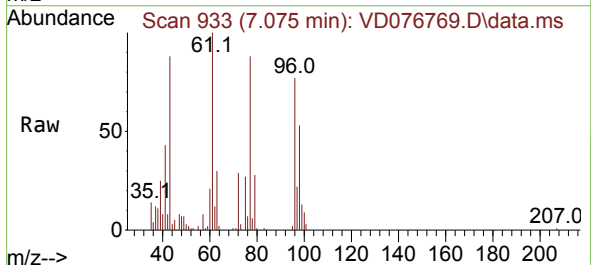
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

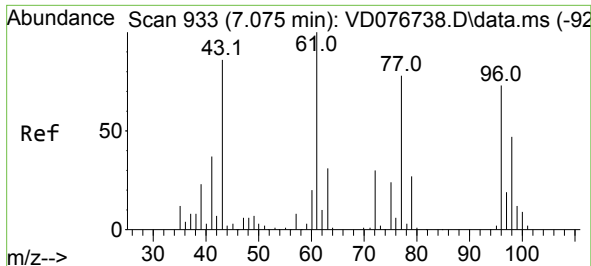
Tgt Ion: 43 Resp: 58667  
Ion Ratio Lower Upper  
43 100  
72 32.9 30.7 46.1



#26  
2,2-Dichloropropane  
Concen: 19.911 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 77 Resp: 65924  
Ion Ratio Lower Upper  
77 100  
97 24.6 13.2 39.6

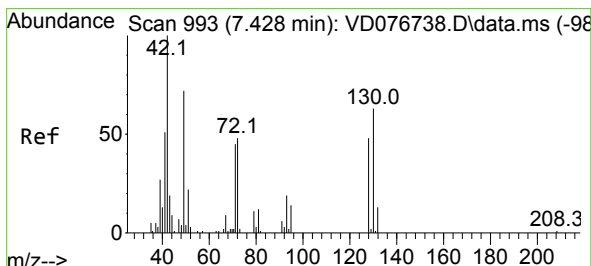
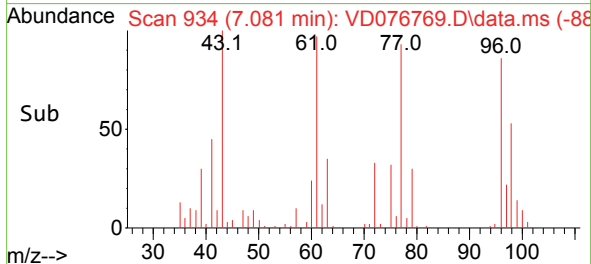
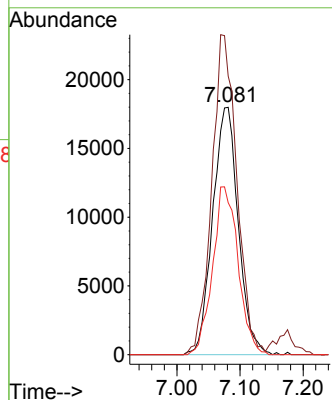
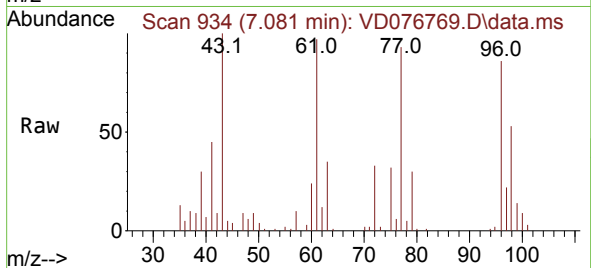




#27  
cis-1,2-Dichloroethene  
Concen: 19.324 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

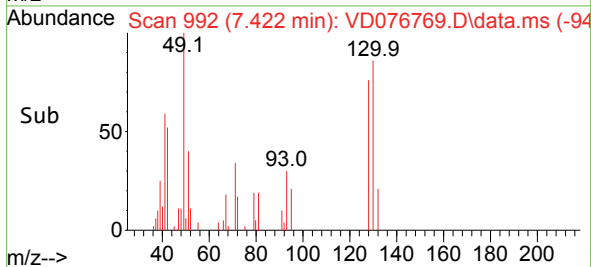
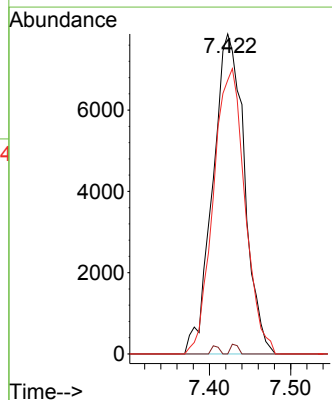
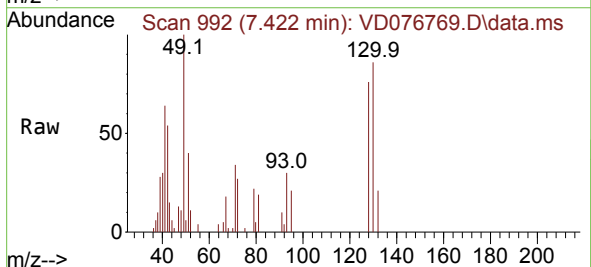
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

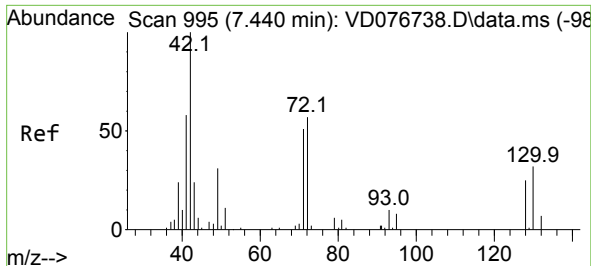
|             |       |             |       |
|-------------|-------|-------------|-------|
| Tgt Ion: 96 |       | Resp: 50709 |       |
| Ion         | Ratio | Lower       | Upper |
| 96          | 100   |             |       |
| 61          | 126.8 | 0.0         | 239.2 |
| 98          | 67.5  | 0.0         | 128.6 |



#28  
Bromochloromethane  
Concen: 22.133 ug/l  
RT: 7.422 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 21253 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 0.7     | 0.0 6.0     |
| 130 89.2    | 83.2 124.8  |

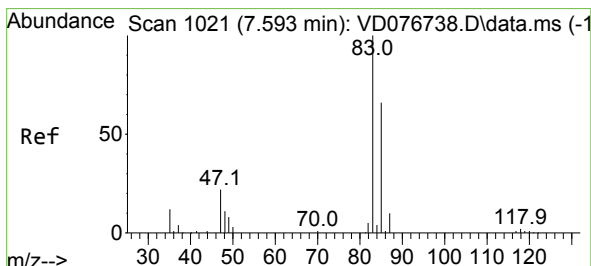
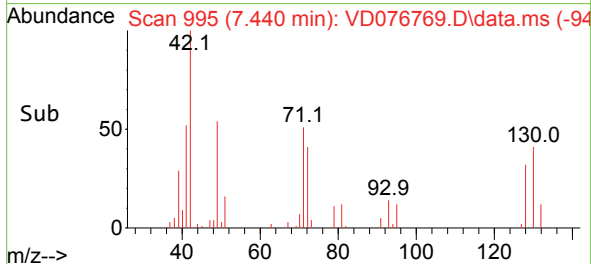
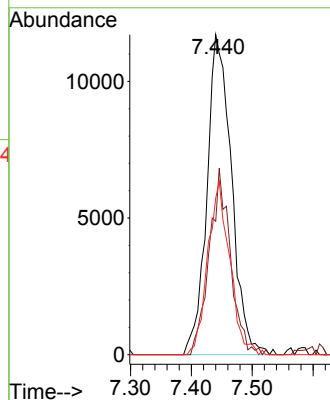
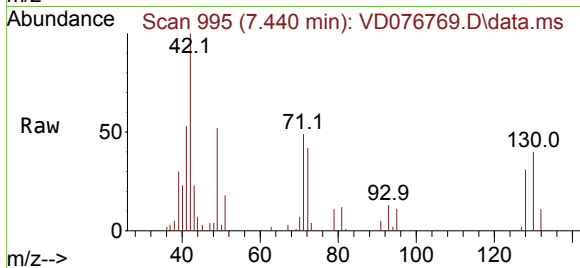




#29  
Tetrahydrofuran  
Concen: 94.303 ug/l  
RT: 7.440 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

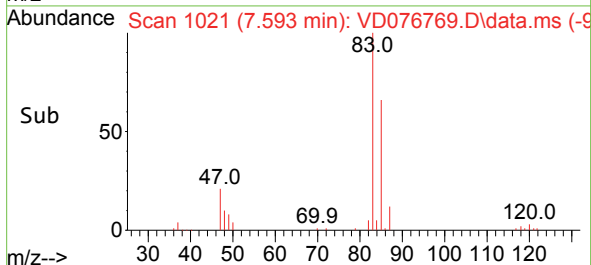
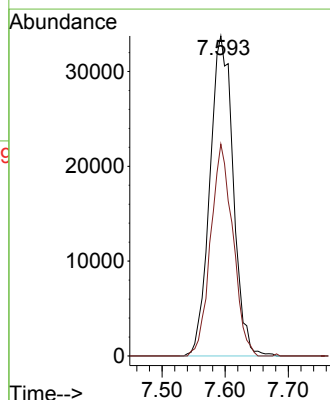
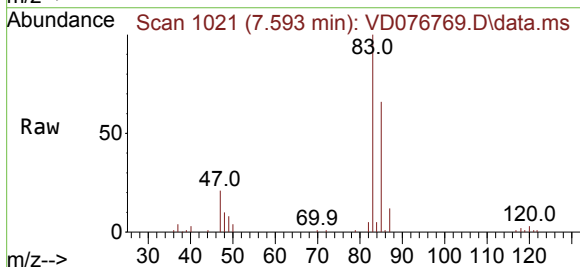
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

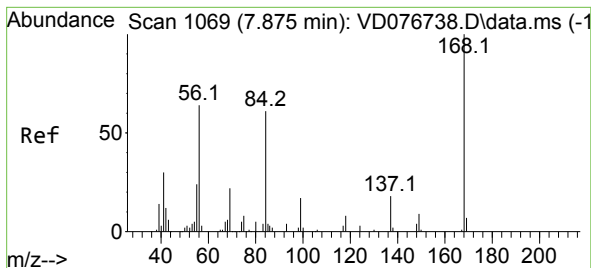
Tgt Ion: 42 Resp: 32873  
Ion Ratio Lower Upper  
42 100  
72 50.4 46.5 69.7  
71 48.6 44.5 66.7



#30  
Chloroform  
Concen: 20.603 ug/l  
RT: 7.593 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 83 Resp: 86673  
Ion Ratio Lower Upper  
83 100  
85 66.2 53.4 80.2





#31

Cyclohexane

Concen: 21.543 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0718SBS01

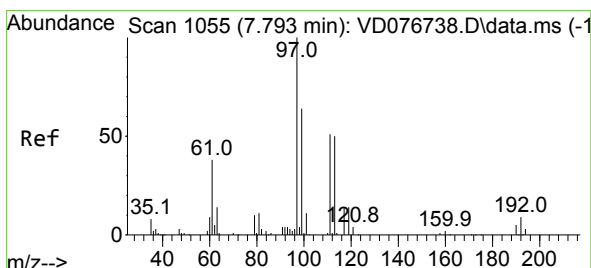
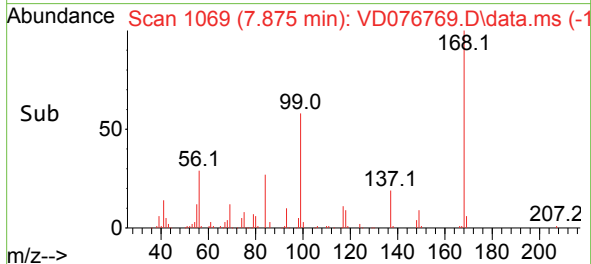
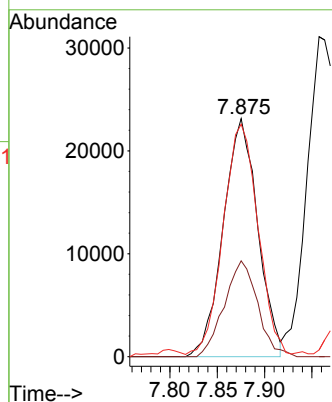
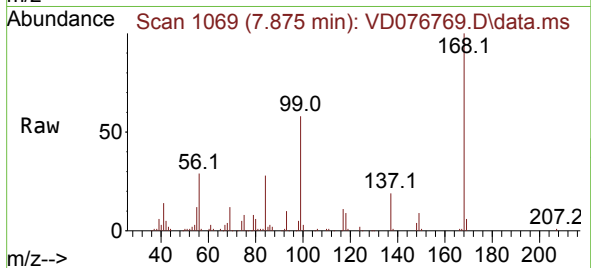
Tgt Ion: 56 Resp: 58524

Ion Ratio Lower Upper

56 100

69 40.3 28.6 43.0

84 95.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.655 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

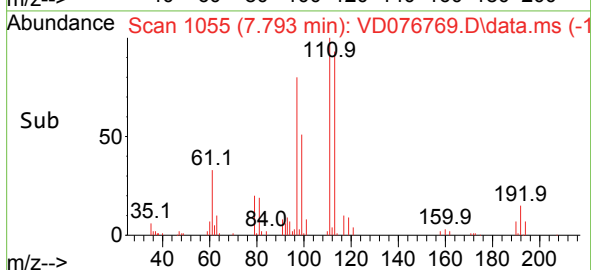
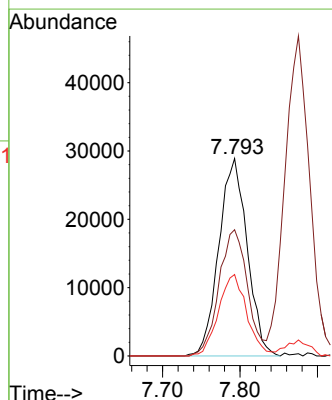
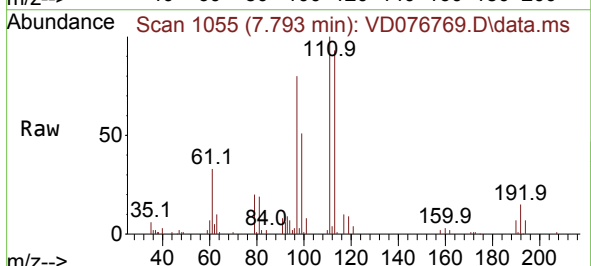
Tgt Ion: 97 Resp: 73500

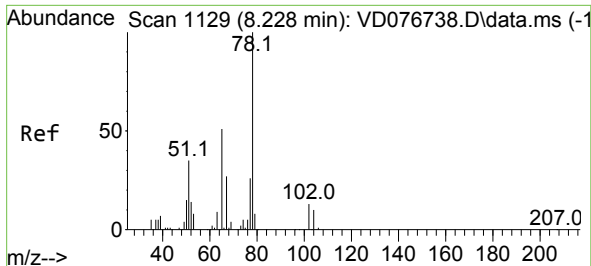
Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

61 41.4 33.8 50.8

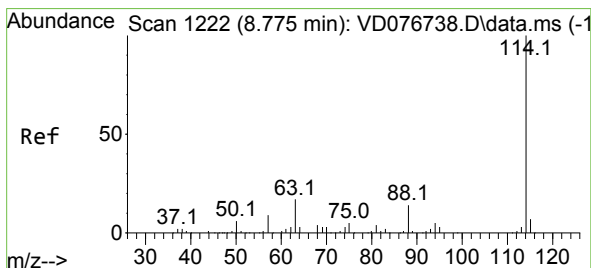
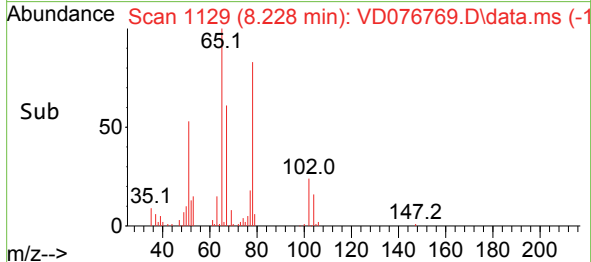
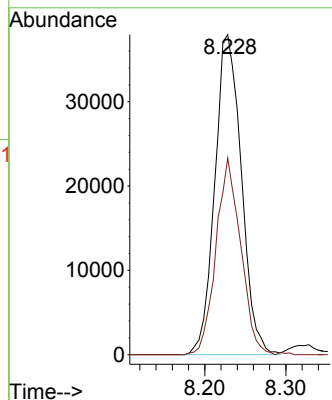
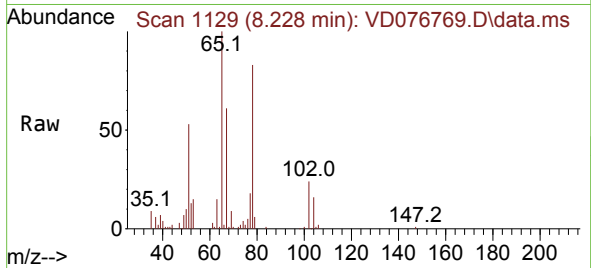




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.779 ug/l  
 RT: 8.228 min Scan# 1129  
 Delta R.T. 0.000 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

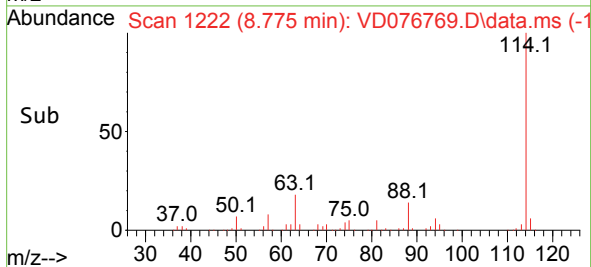
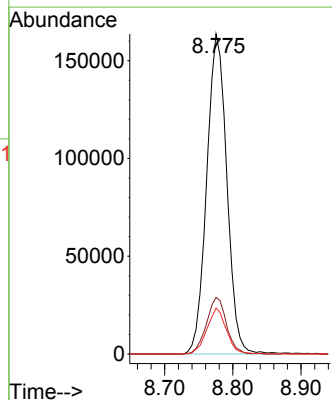
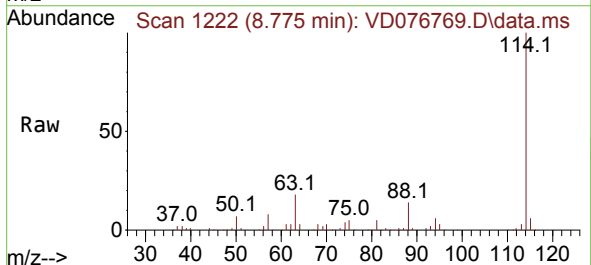
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0718SBS01

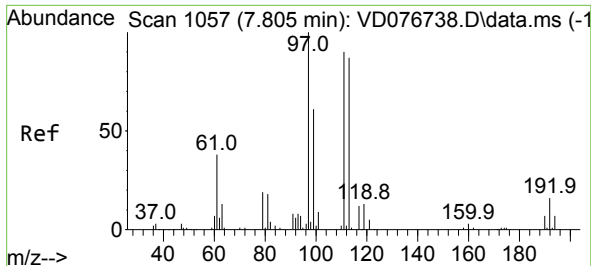
Tgt Ion: 65 Resp: 86348  
 Ion Ratio Lower Upper  
 65 100  
 67 57.0 0.0 115.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.775 min Scan# 1222  
 Delta R.T. 0.000 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

Tgt Ion: 114 Resp: 336412  
 Ion Ratio Lower Upper  
 114 100  
 63 17.7 0.0 33.4  
 88 14.3 0.0 26.2

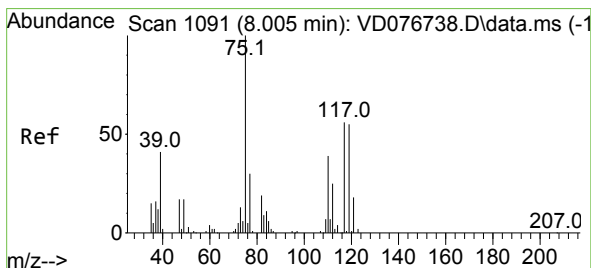
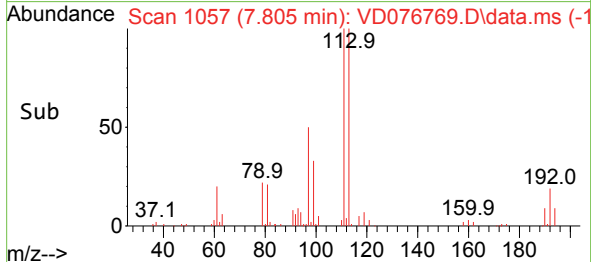
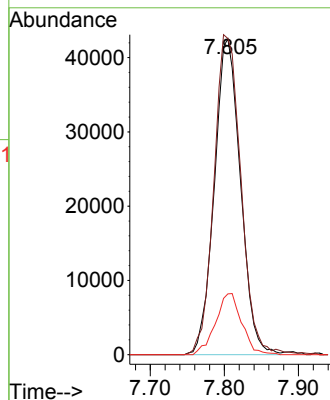
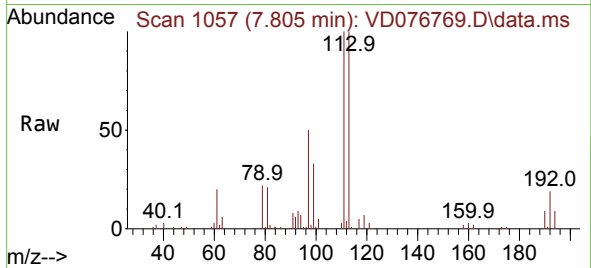




#35  
Dibromofluoromethane  
Concen: 49.254 ug/l  
RT: 7.805 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

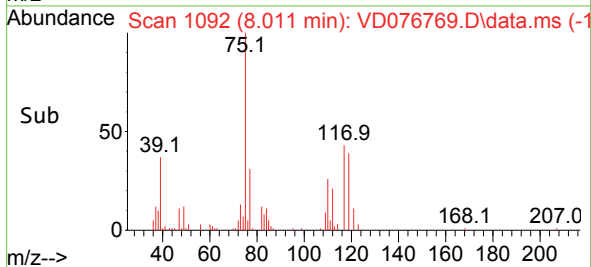
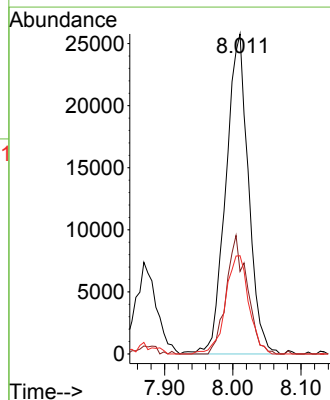
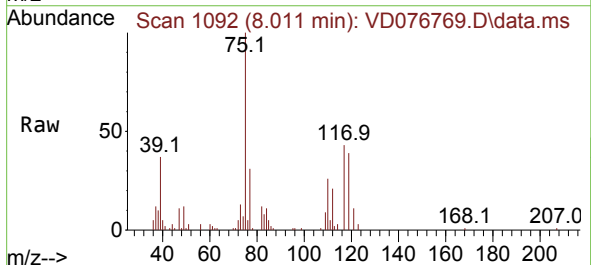
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBS01

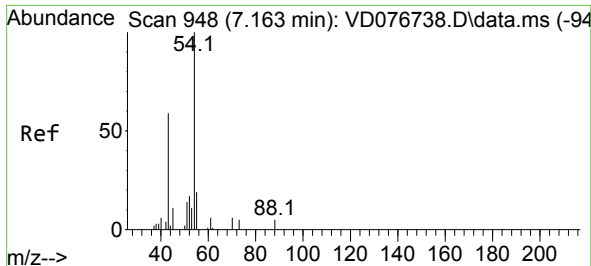
Tgt Ion:113 Resp: 104125  
Ion Ratio Lower Upper  
113 100  
111 104.8 84.7 127.1  
192 19.4 16.8 25.2



#36  
1,1-Dichloropropene  
Concen: 21.508 ug/l  
RT: 8.011 min Scan# 1092  
Delta R.T. 0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 75 Resp: 59415  
Ion Ratio Lower Upper  
75 100  
110 34.4 19.9 59.6  
77 31.8 24.7 37.1

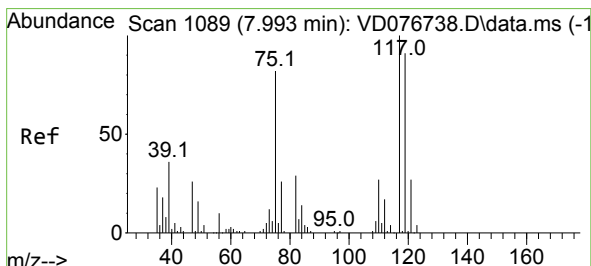
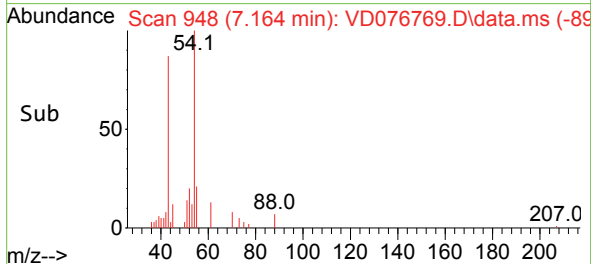
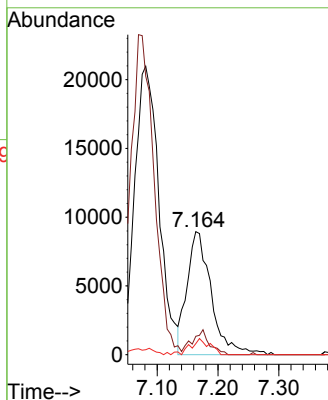
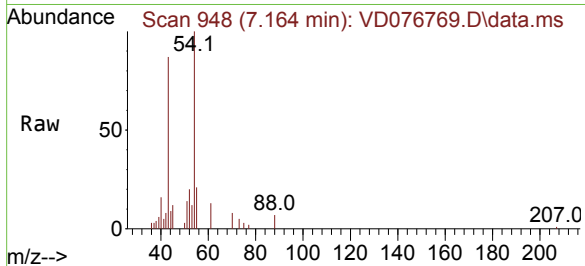




#37  
Ethyl Acetate  
Concen: 20.019 ug/l  
RT: 7.164 min Scan# 948  
Delta R.T. 0.001 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

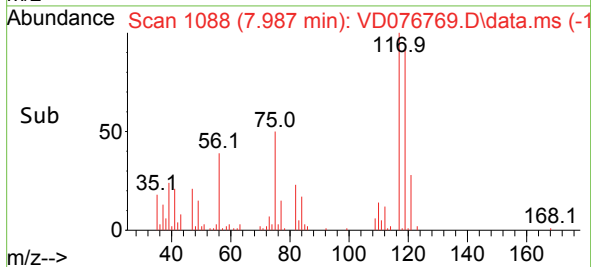
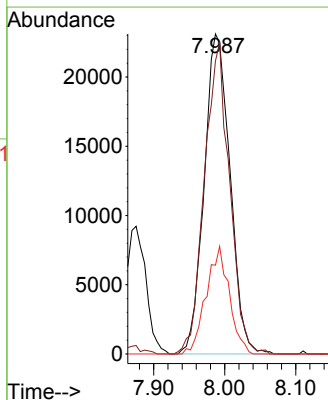
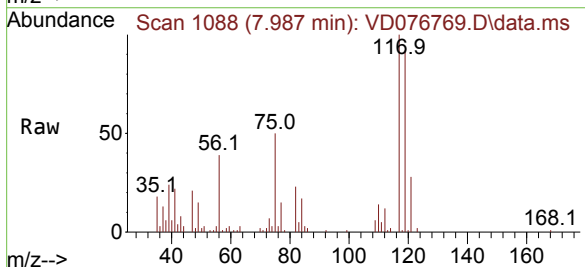
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

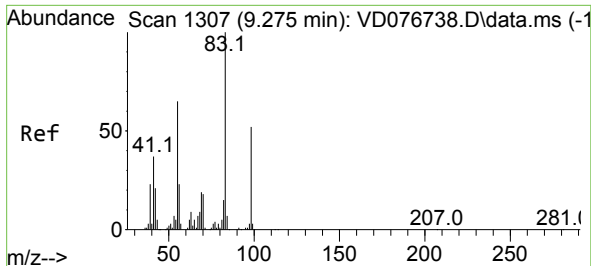
Tgt Ion: 43 Resp: 24731  
Ion Ratio Lower Upper  
43 100  
61 14.4 14.9 22.3#  
70 10.6 10.0 15.0



#38  
Carbon Tetrachloride  
Concen: 22.098 ug/l  
RT: 7.987 min Scan# 1088  
Delta R.T. -0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 117 Resp: 58453  
Ion Ratio Lower Upper  
117 100  
119 91.6 78.0 117.0  
121 27.8 24.2 36.2





#39

Methylcyclohexane

Concen: 21.112 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0718SBSD01

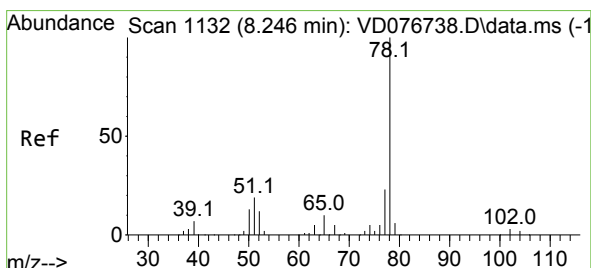
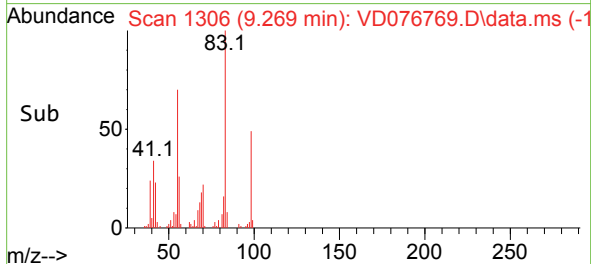
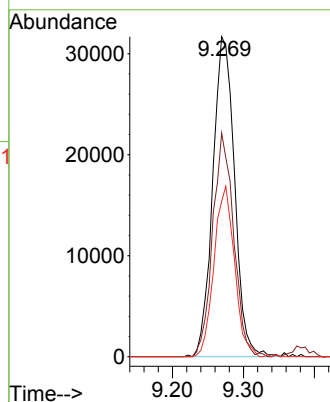
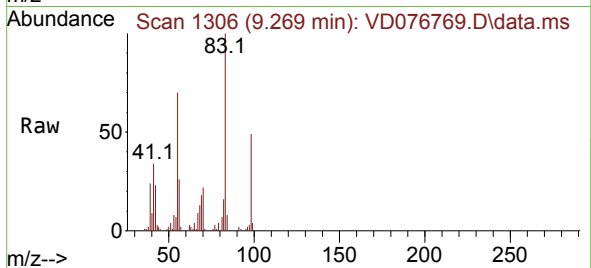
Tgt Ion: 83 Resp: 67342

Ion Ratio Lower Upper

83 100

55 69.9 49.4 74.0

98 48.5 38.4 57.6



#40

Benzene

Concen: 20.560 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076769.D

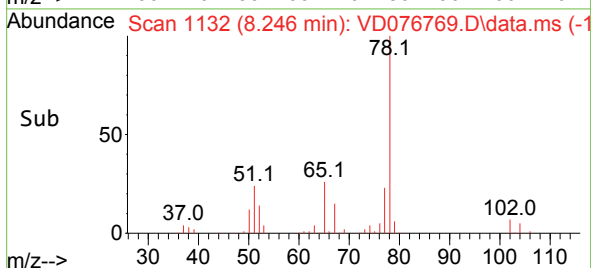
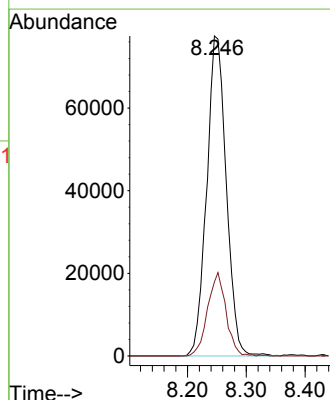
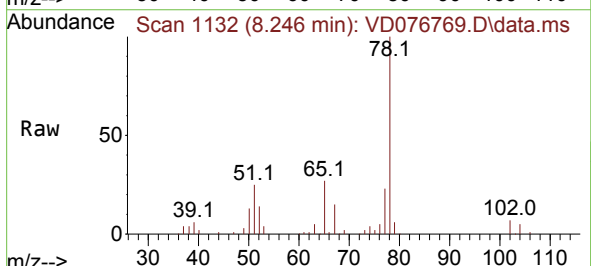
Acq: 18 Jul 2023 11:04

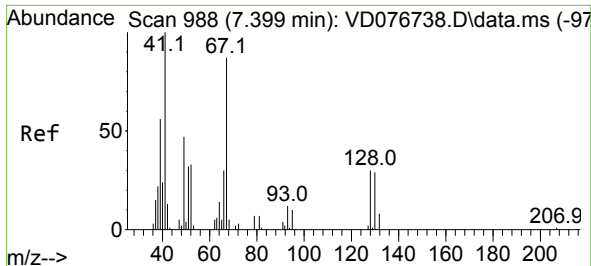
Tgt Ion: 78 Resp: 179208

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.0

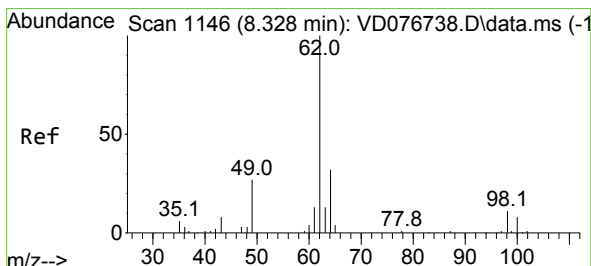
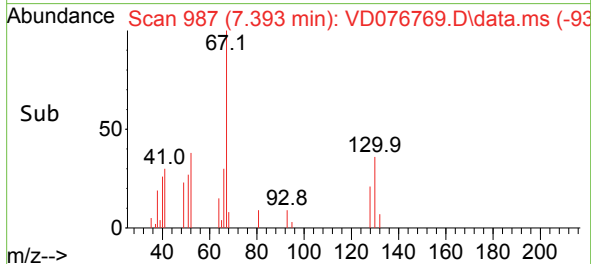
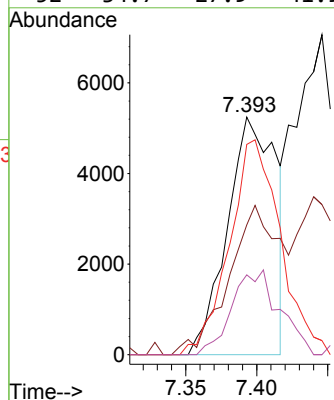
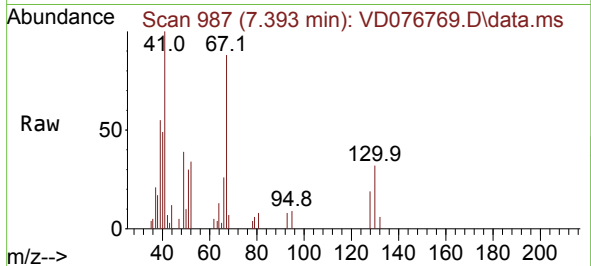




#41  
Methacrylonitrile  
Concen: 16.594 ug/l  
RT: 7.393 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

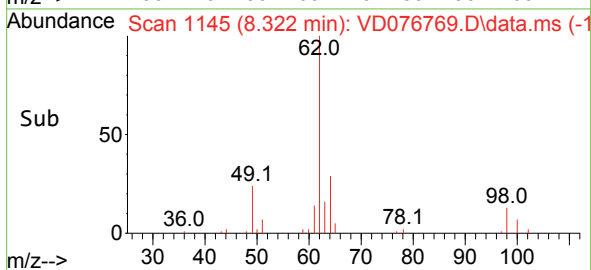
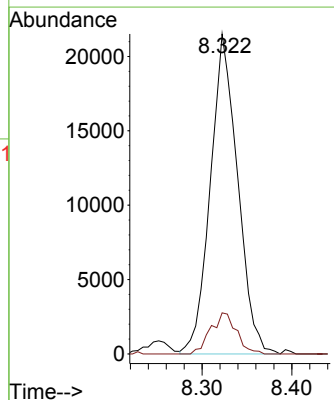
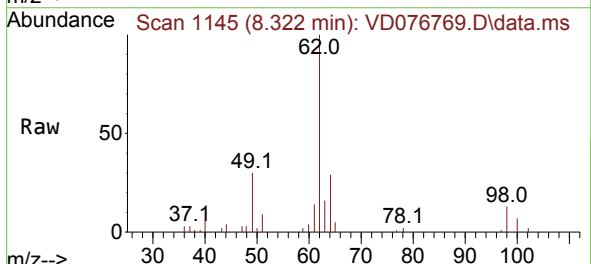
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

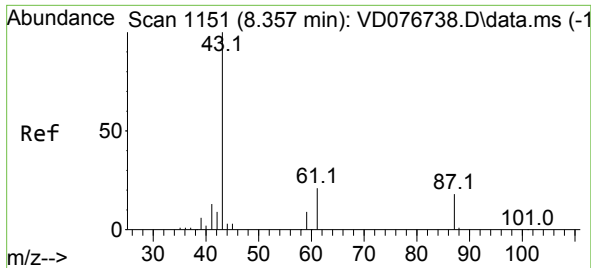
Tgt Ion: 41 Resp: 12519  
Ion Ratio Lower Upper  
41 100  
39 67.2 34.0 51.0#  
67 95.2 77.0 115.4  
52 34.7 27.9 41.9



#42  
1,2-Dichloroethane  
Concen: 20.090 ug/l  
RT: 8.322 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 62 Resp: 45498  
Ion Ratio Lower Upper  
62 100  
98 12.1 0.0 25.4

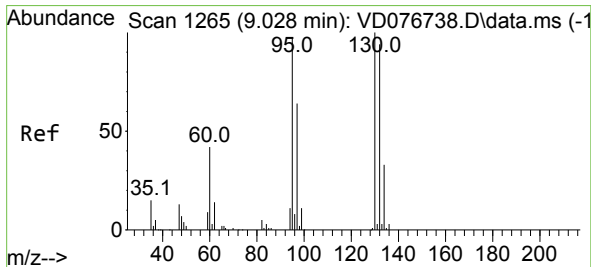
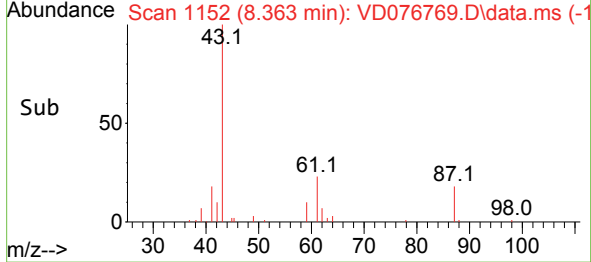
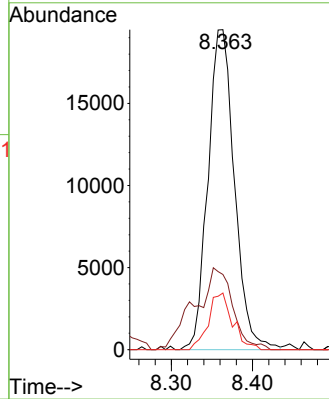
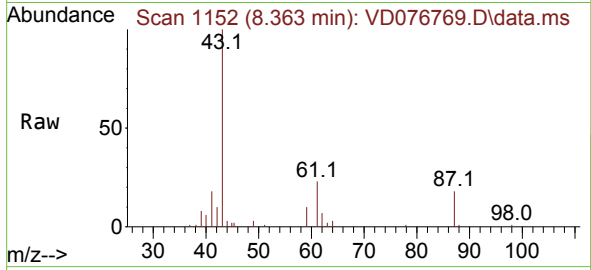




#43  
Isopropyl Acetate  
Concen: 18.325 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

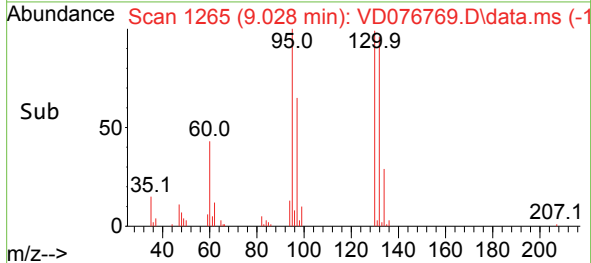
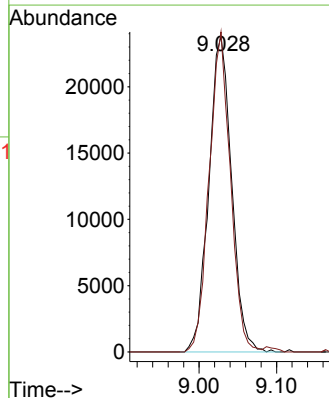
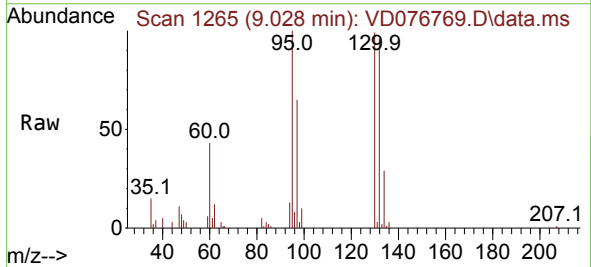
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

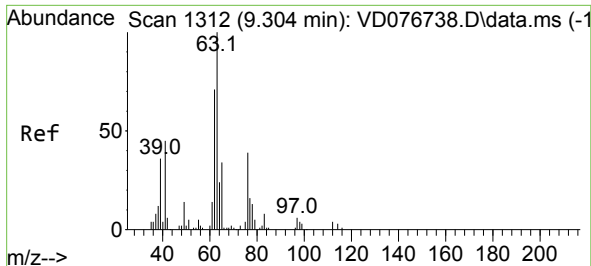
Tgt Ion: 43 Resp: 44183  
Ion Ratio Lower Upper  
43 100  
61 23.3 31.4 47.0#  
87 16.2 14.9 22.3



#44  
Trichloroethene  
Concen: 20.480 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion:130 Resp: 48643  
Ion Ratio Lower Upper  
130 100  
95 101.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.852 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

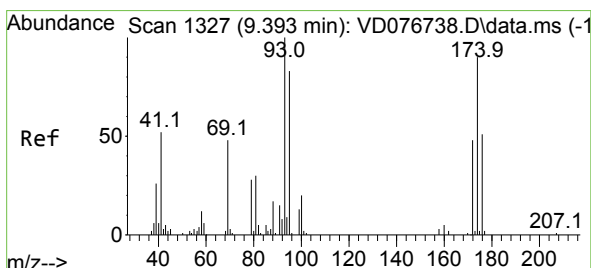
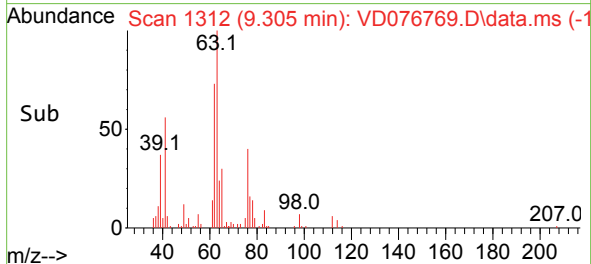
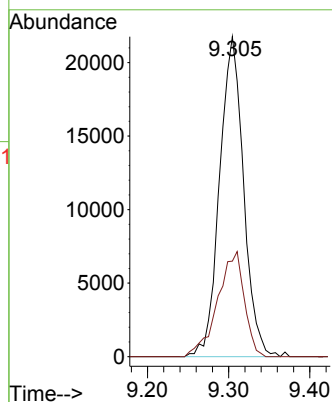
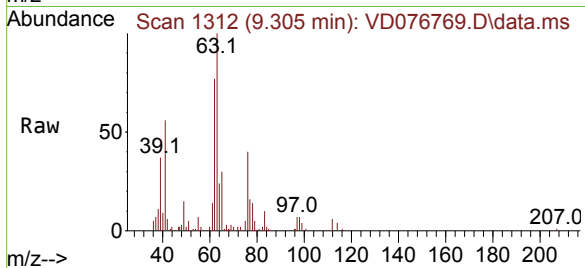
VD0718SBSD01

Tgt Ion: 63 Resp: 44667

Ion Ratio Lower Upper

63 100

65 29.9 24.5 36.7



#46

Dibromomethane

Concen: 19.885 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

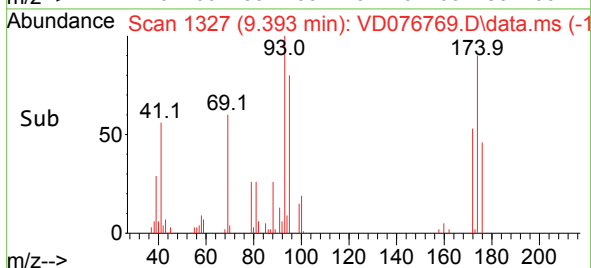
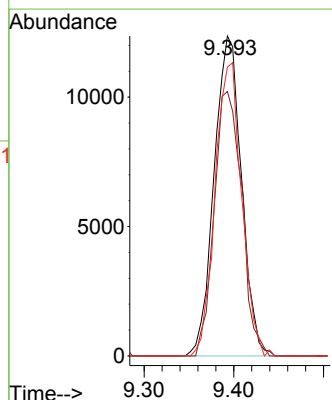
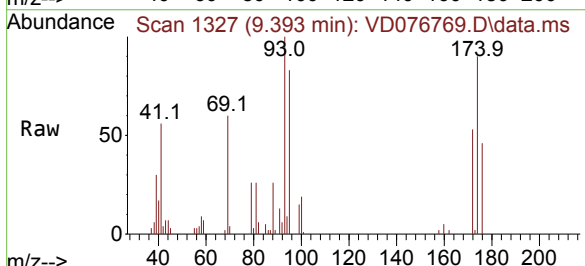
Tgt Ion: 93 Resp: 26189

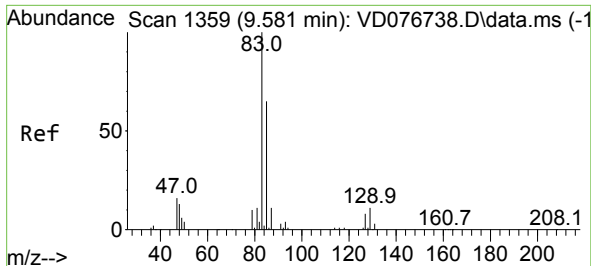
Ion Ratio Lower Upper

93 100

95 83.4 67.7 101.5

174 88.7 85.4 128.2

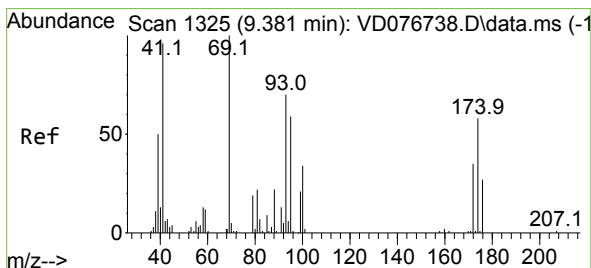
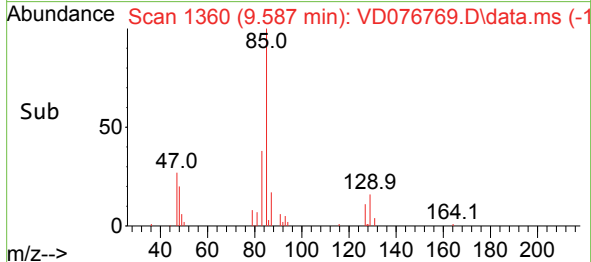
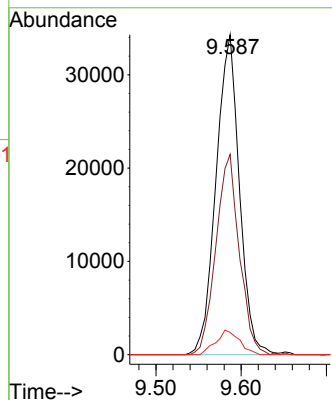
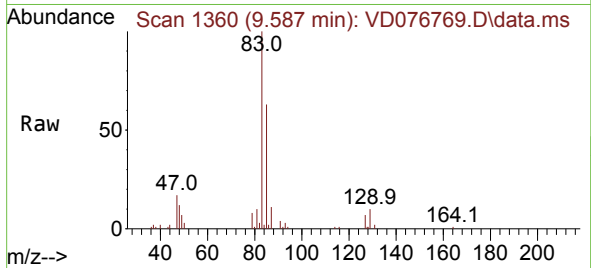




#47  
Bromodichloromethane  
Concen: 19.775 ug/l  
RT: 9.587 min Scan# 1360  
Delta R.T. 0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

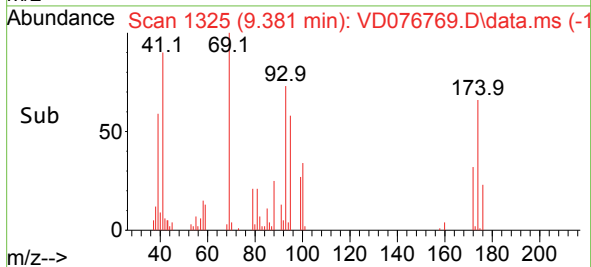
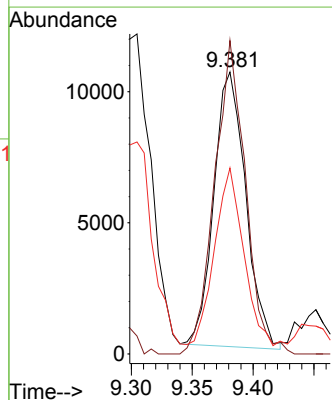
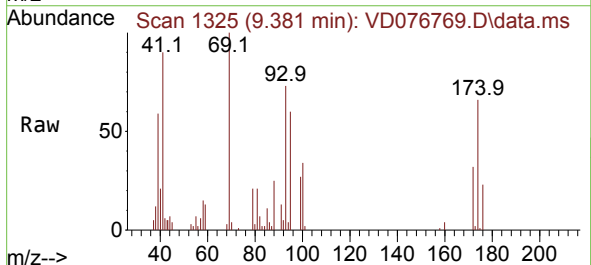
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

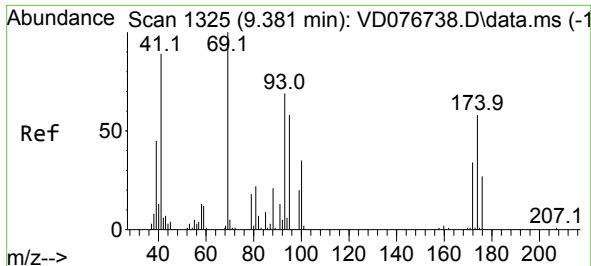
Tgt Ion: 83 Resp: 65357  
Ion Ratio Lower Upper  
83 100  
85 62.6 50.2 75.4  
127 7.0 6.3 9.5



#48  
Methyl methacrylate  
Concen: 17.444 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 41 Resp: 19142  
Ion Ratio Lower Upper  
41 100  
69 110.4 102.2 153.2  
39 66.8 41.4 62.2#





#49

1,4-Dioxane

Concen: 382.669 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.012 min

Lab File: VD076769.D

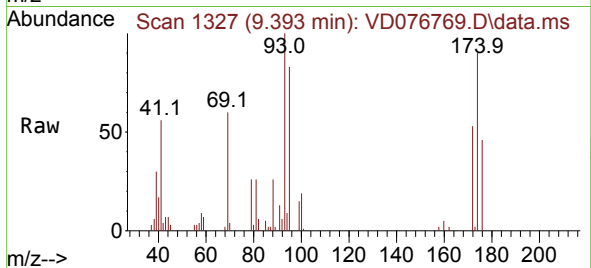
Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0718SBS01



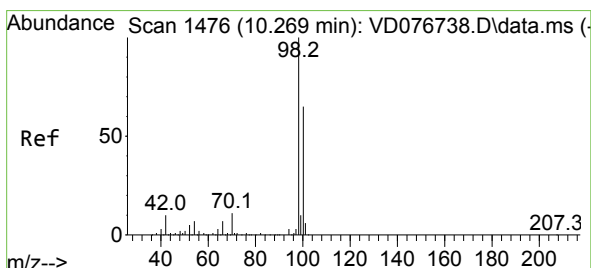
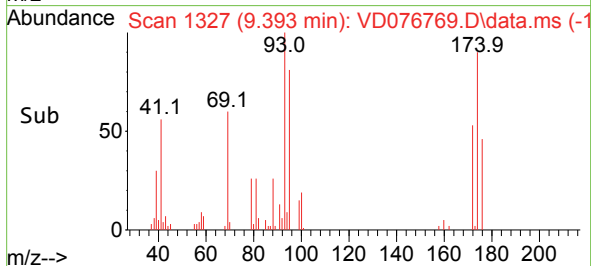
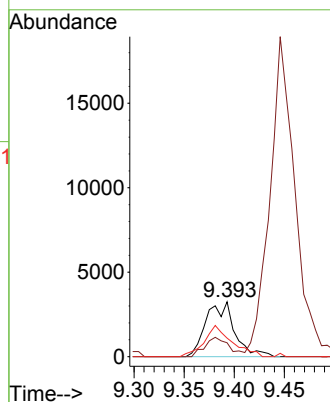
Tgt Ion: 88 Resp: 6457

Ion Ratio Lower Upper

88 100

43 30.6 19.0 28.6#

58 54.6 43.5 65.3



#50

Toluene-d8

Concen: 47.650 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076769.D

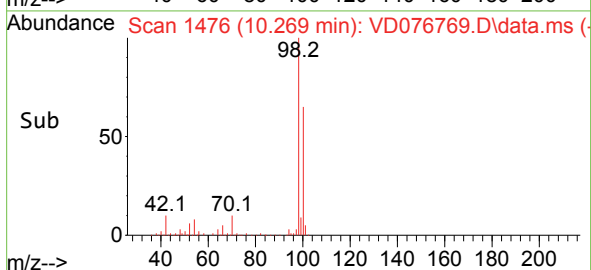
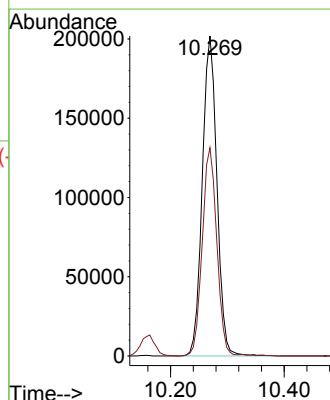
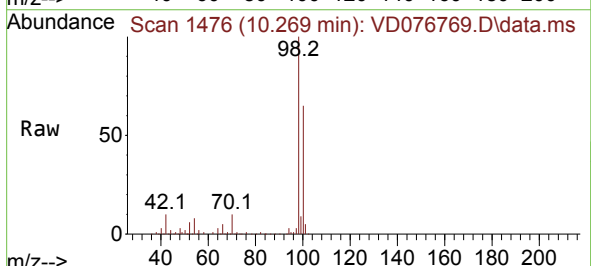
Acq: 18 Jul 2023 11:04

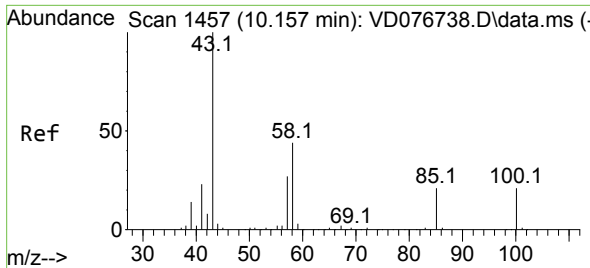
Tgt Ion: 98 Resp: 360360

Ion Ratio Lower Upper

98 100

100 65.1 50.3 75.5

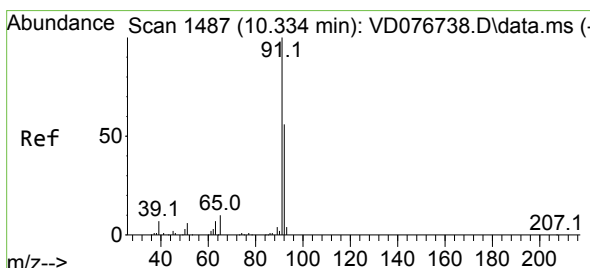
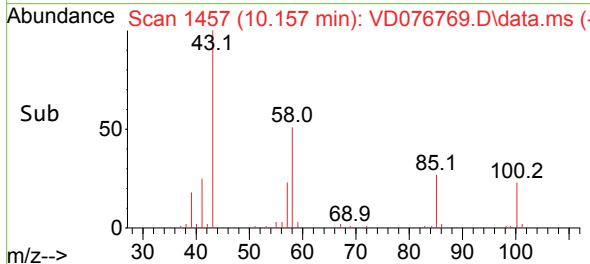
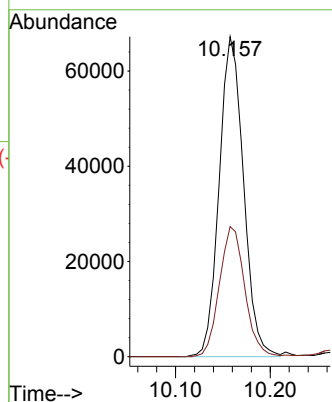
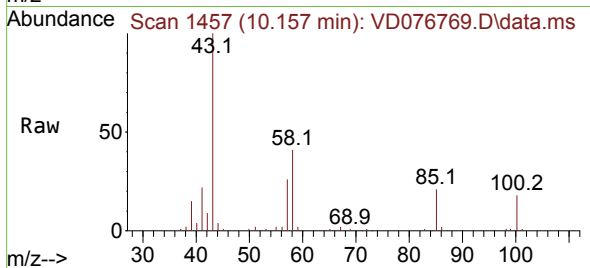




#51  
4-Methyl-2-Pentanone  
Concen: 93.509 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

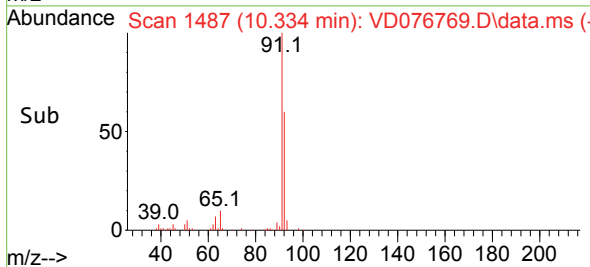
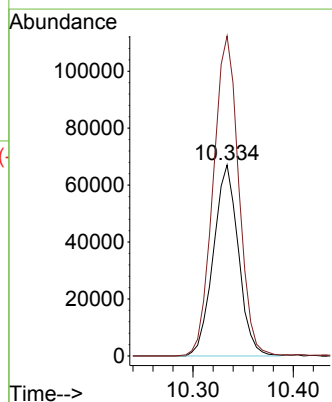
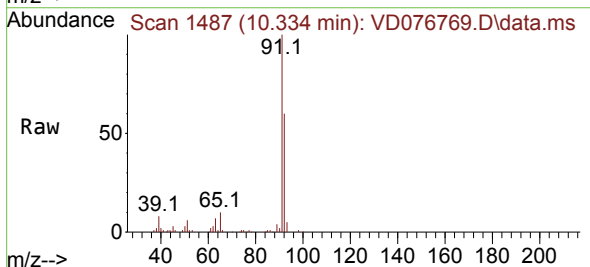
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBS01

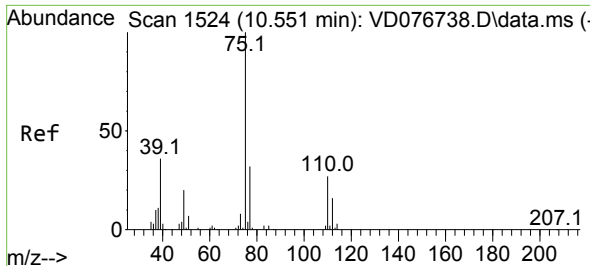
Tgt Ion: 43 Resp: 120038  
Ion Ratio Lower Upper  
43 100  
58 42.5 38.9 58.3



#52  
Toluene  
Concen: 20.294 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 92 Resp: 116178  
Ion Ratio Lower Upper  
92 100  
91 171.0 143.0 214.4

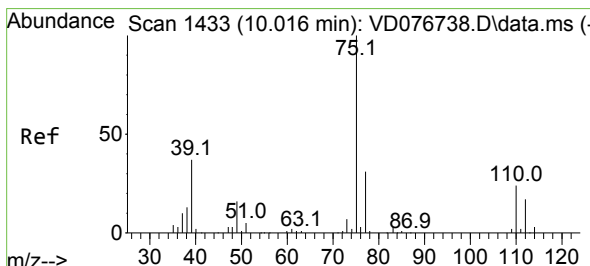
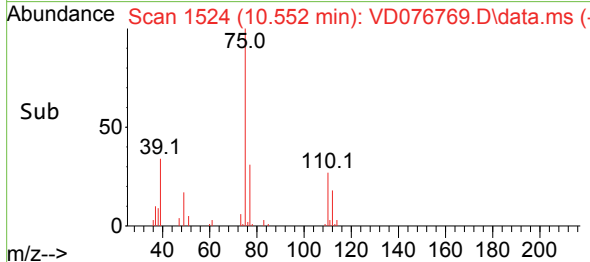
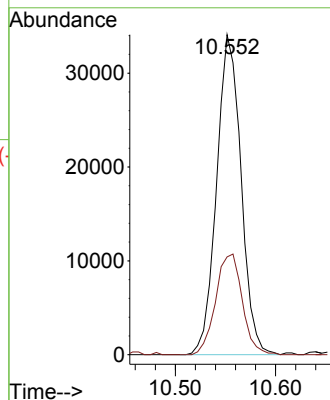
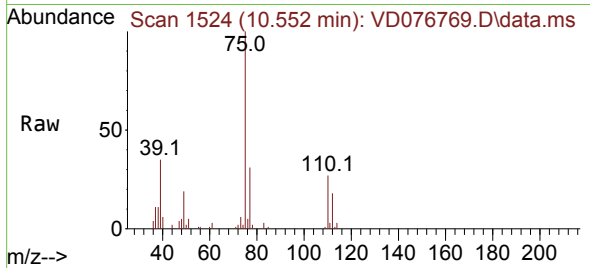




#53  
t-1,3-Dichloropropene  
Concen: 18.771 ug/l  
RT: 10.552 min Scan# 1524  
Delta R.T. 0.001 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

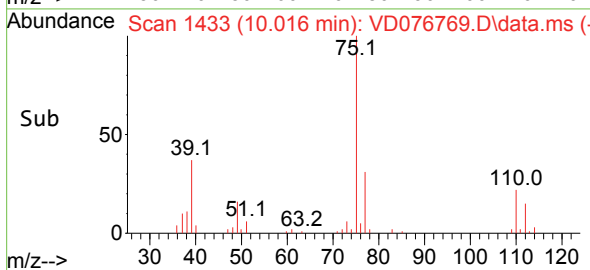
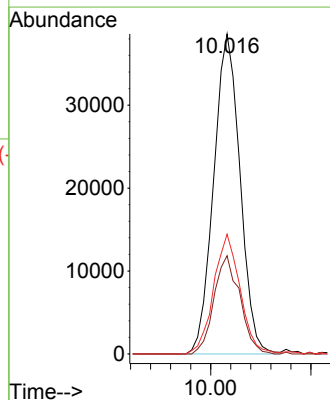
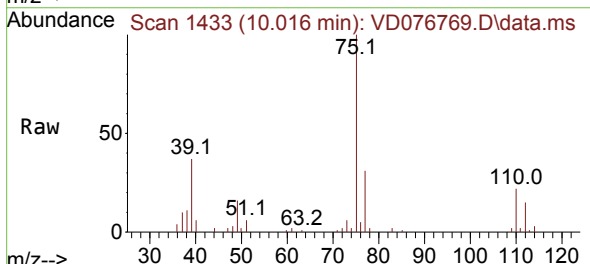
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

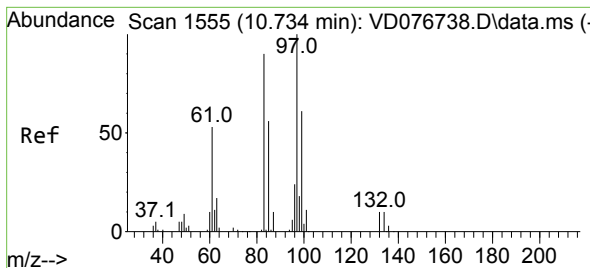
Tgt Ion: 75 Resp: 57582  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.3 37.9



#54  
cis-1,3-Dichloropropene  
Concen: 19.469 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 75 Resp: 70389  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.5 38.3  
39 37.4 22.1 33.1#

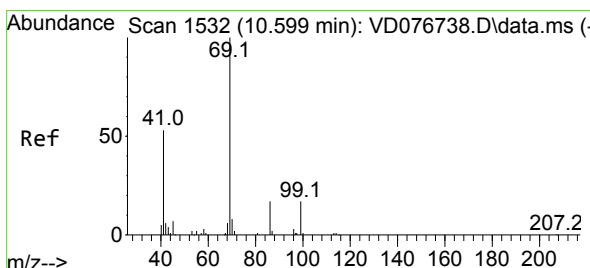
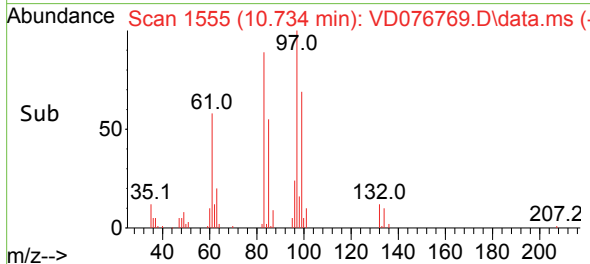
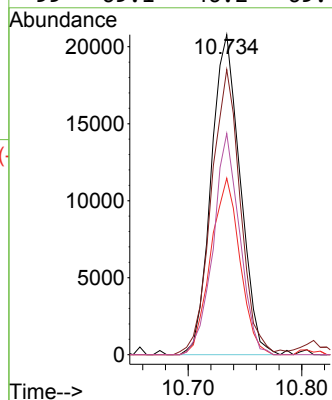
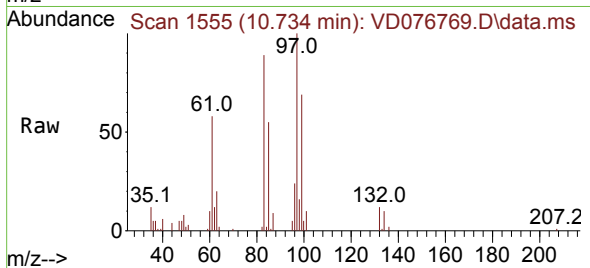




#55  
1,1,2-Trichloroethane  
Concen: 19.172 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

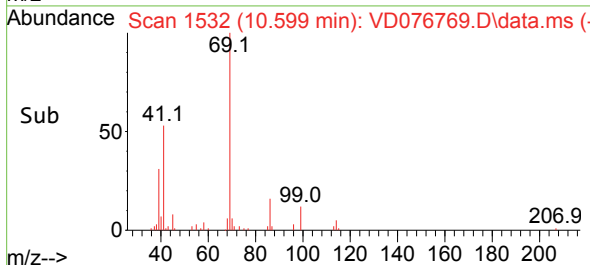
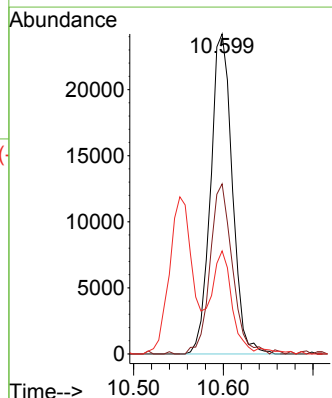
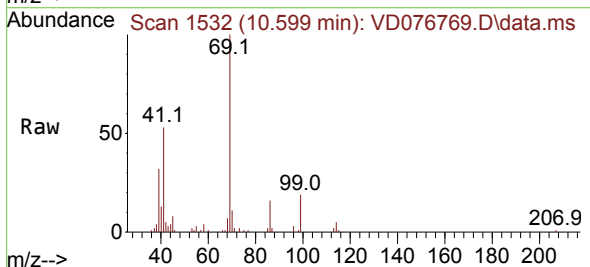
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

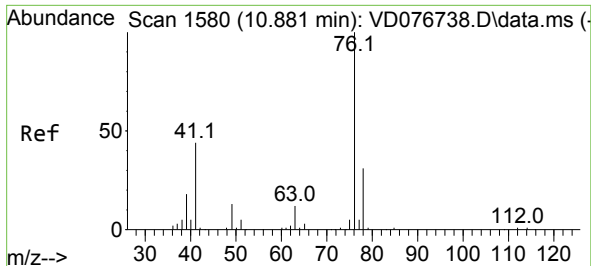
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 36870 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.2  | 65.8  | 98.6  |
| 85       | 55.1  | 45.7  | 68.5  |
| 99       | 69.1  | 46.2  | 69.4  |



#56  
Ethyl methacrylate  
Concen: 18.282 ug/l  
RT: 10.599 min Scan# 1532  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 40580 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 54.7  | 39.1  | 58.7  |
| 39       | 29.6  | 20.0  | 30.0  |

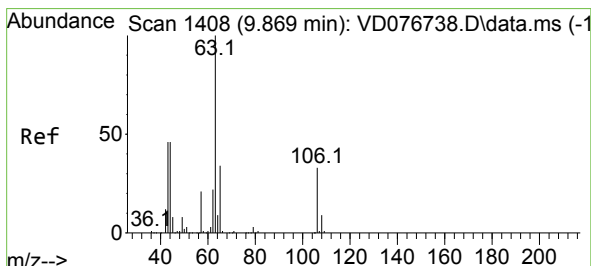
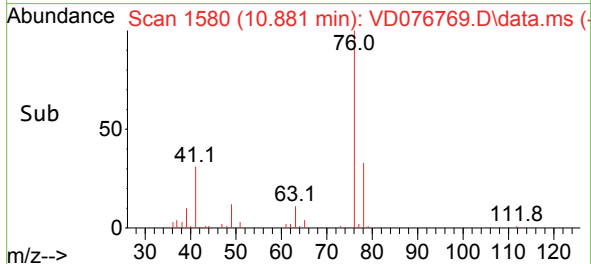
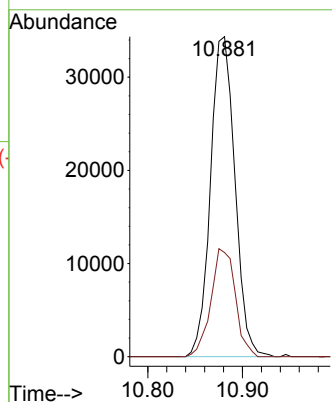
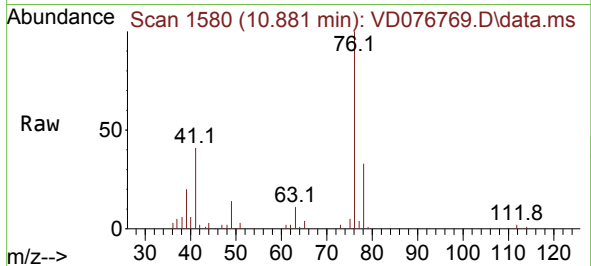




#57  
1,3-Dichloropropane  
Concen: 19.648 ug/l  
RT: 10.881 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

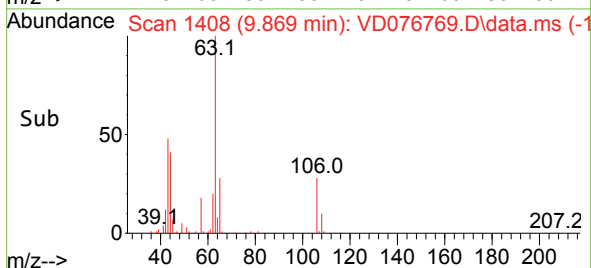
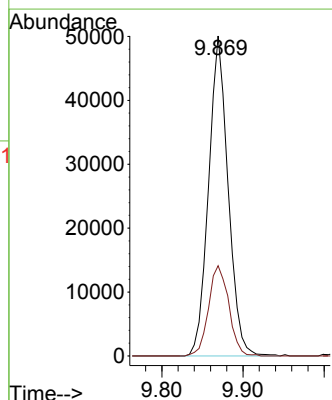
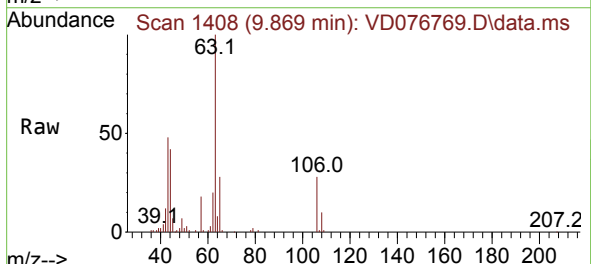
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

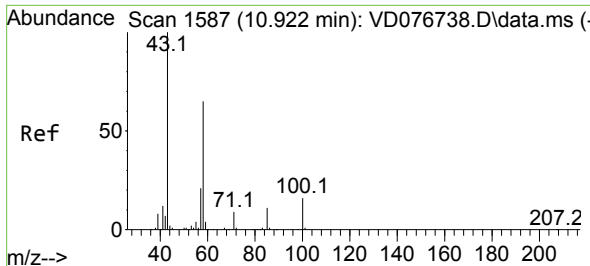
Tgt Ion: 76 Resp: 61536  
Ion Ratio Lower Upper  
76 100  
78 33.7 26.4 39.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 97.316 ug/l  
RT: 9.869 min Scan# 1408  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 63 Resp: 83614  
Ion Ratio Lower Upper  
63 100  
106 29.2 25.3 37.9

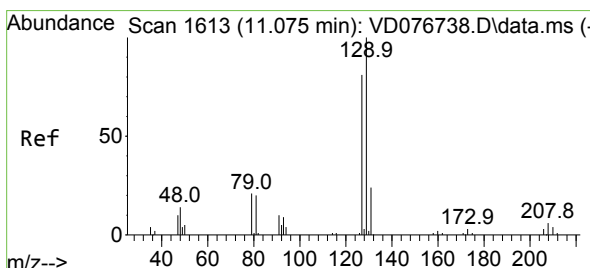
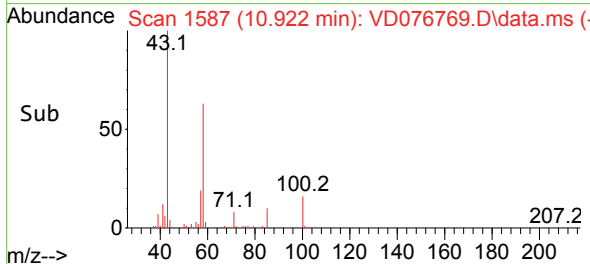
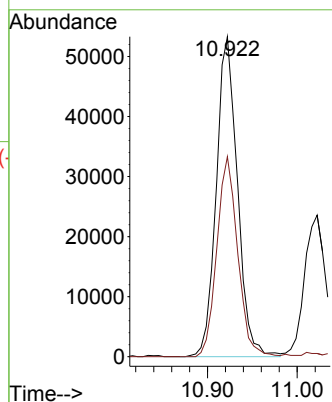
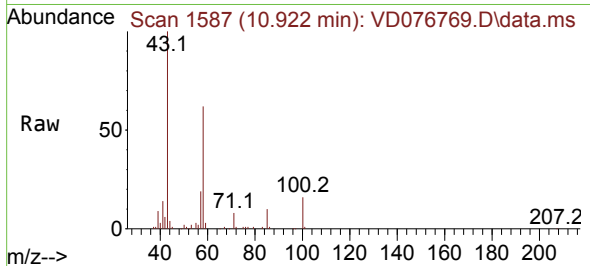




#59  
2-Hexanone  
Concen: 95.237 ug/l  
RT: 10.922 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

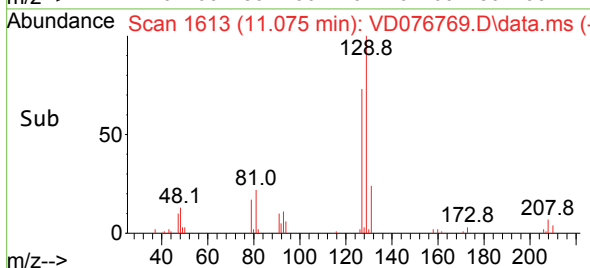
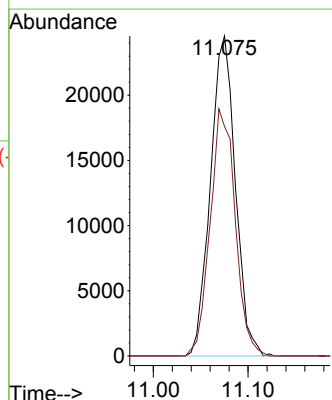
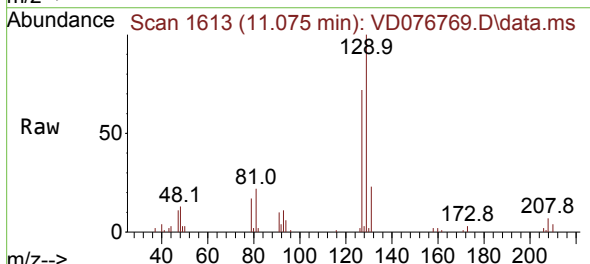
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

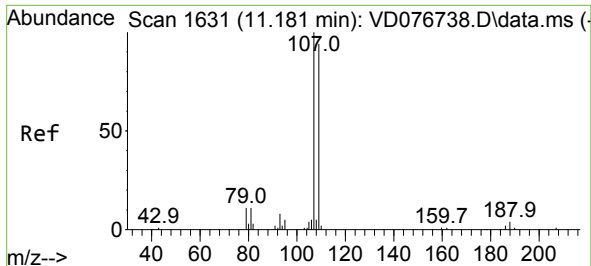
Tgt Ion: 43 Resp: 87235  
Ion Ratio Lower Upper  
43 100  
58 61.6 34.1 102.2



#60  
Dibromochloromethane  
Concen: 20.094 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 129 Resp: 44892  
Ion Ratio Lower Upper  
129 100  
127 77.5 37.1 111.5

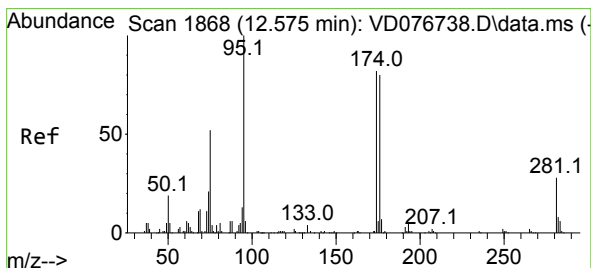
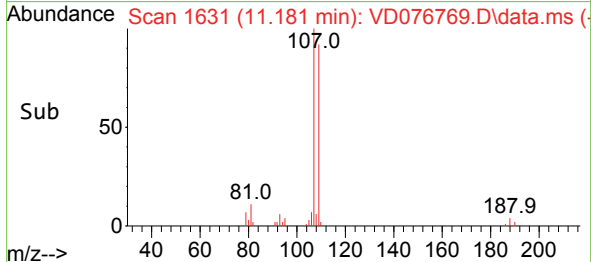
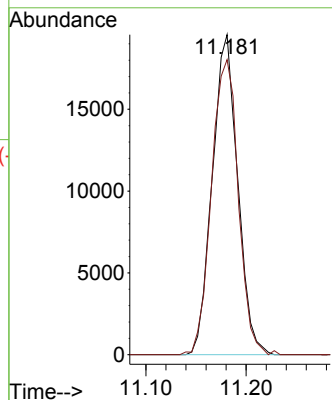
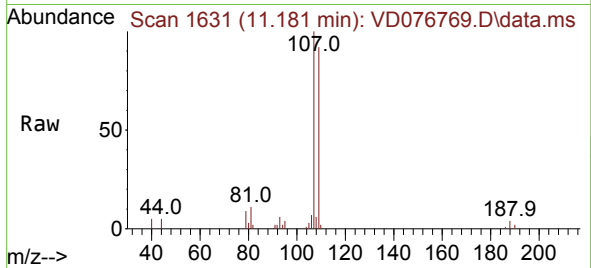




#61  
1,2-Dibromoethane  
Concen: 19.292 ug/l  
RT: 11.181 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

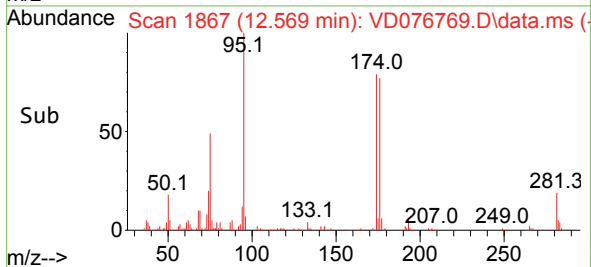
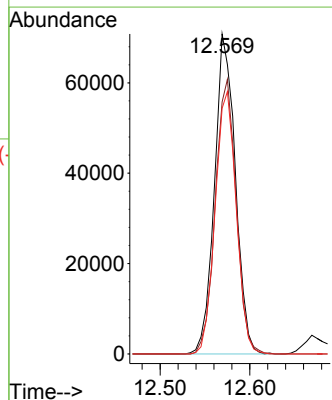
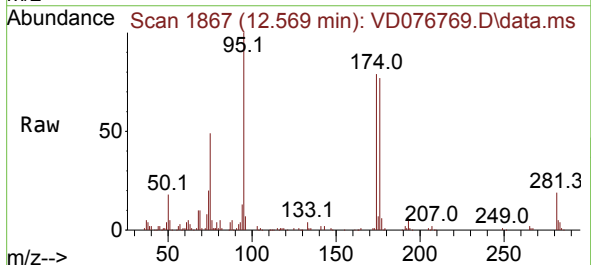
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

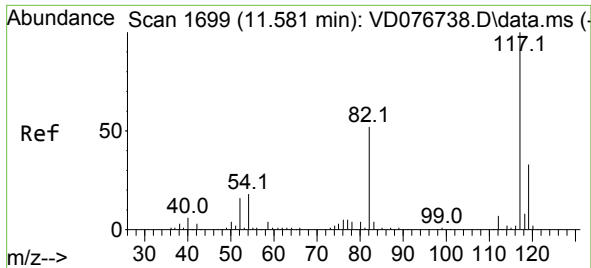
Tgt Ion:107 Resp: 34397  
Ion Ratio Lower Upper  
107 100  
109 97.5 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 46.702 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 95 Resp: 114259  
Ion Ratio Lower Upper  
95 100  
174 86.1 0.0 201.8  
176 82.9 0.0 191.8

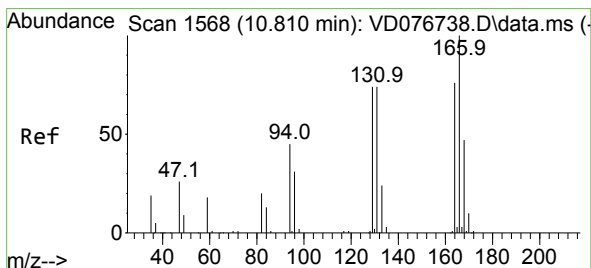
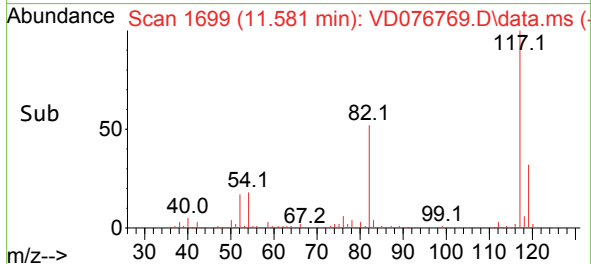
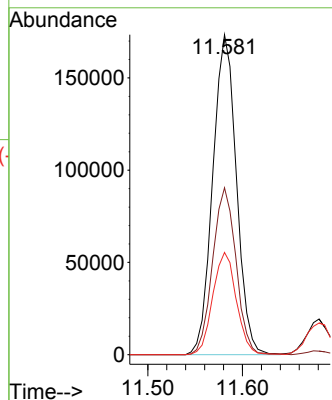
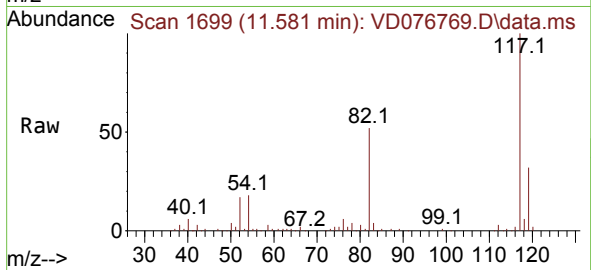




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

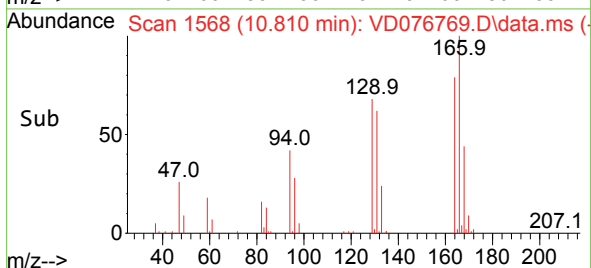
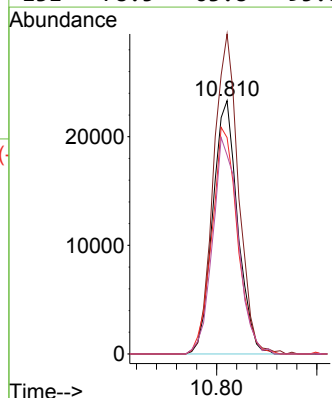
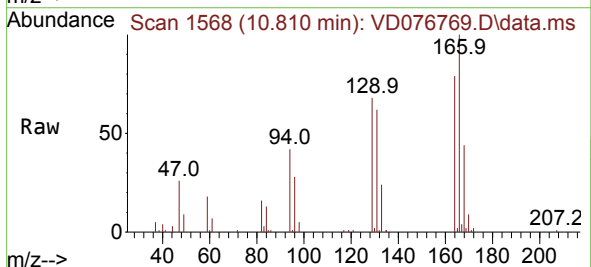
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

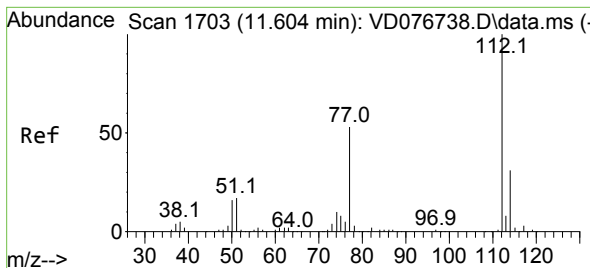
Tgt Ion:117 Resp: 301505  
Ion Ratio Lower Upper  
117 100  
82 52.1 38.3 57.5  
119 32.0 25.0 37.4



#64  
Tetrachloroethene  
Concen: 23.449 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion:164 Resp: 40315  
Ion Ratio Lower Upper  
164 100  
166 126.3 99.2 148.8  
129 85.4 68.4 102.6  
131 78.5 63.8 95.8

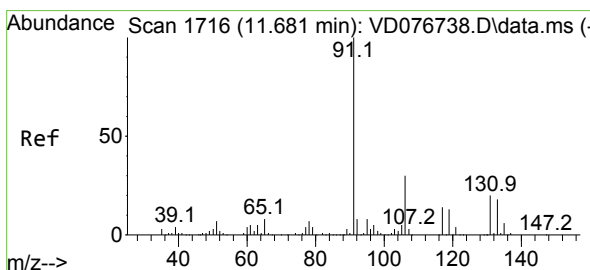
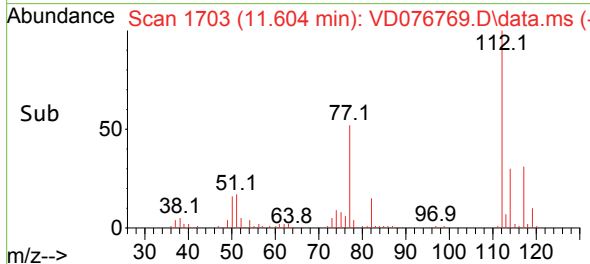
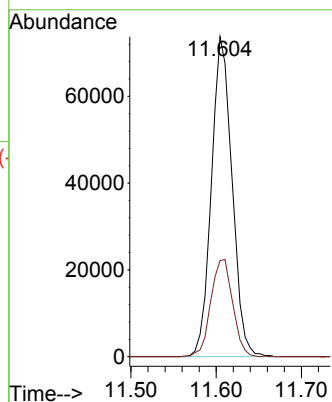
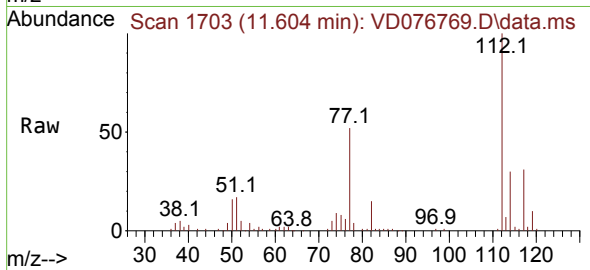




#65  
Chlorobenzene  
Concen: 20.462 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

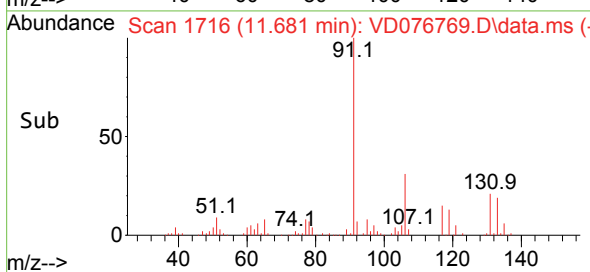
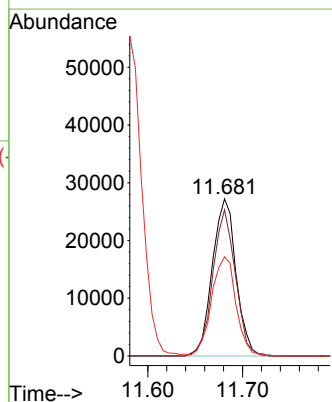
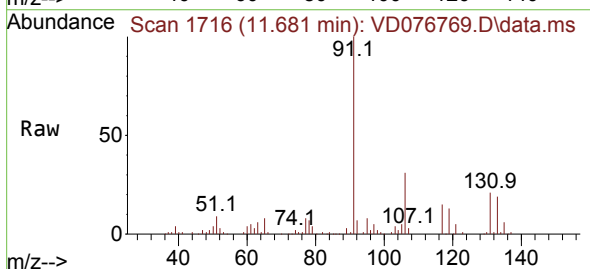
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

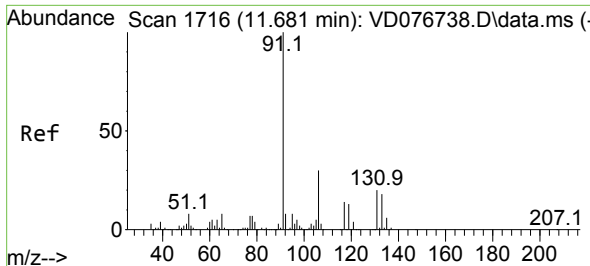
Tgt Ion:112 Resp: 124077  
Ion Ratio Lower Upper  
112 100  
114 30.1 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.883 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion:131 Resp: 47147  
Ion Ratio Lower Upper  
131 100  
133 89.0 48.5 145.5  
119 65.6 35.6 106.9

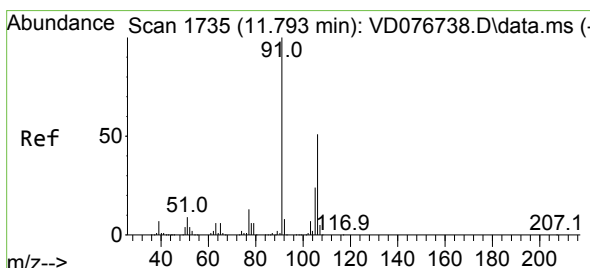
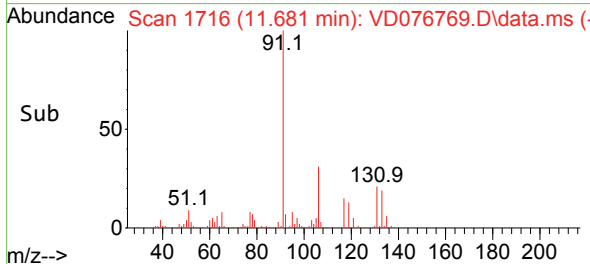
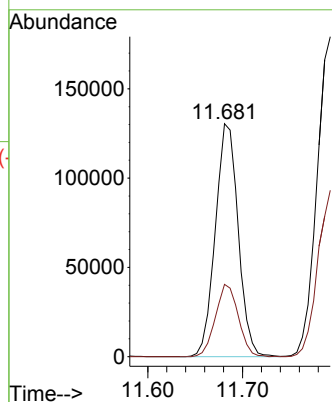
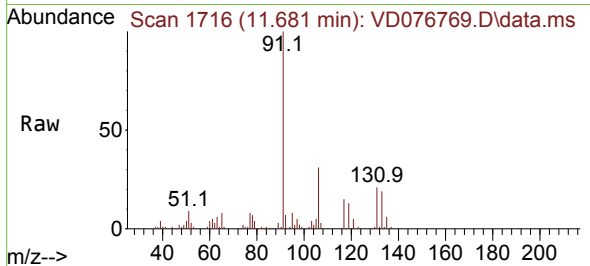




#67  
Ethyl Benzene  
Concen: 20.558 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

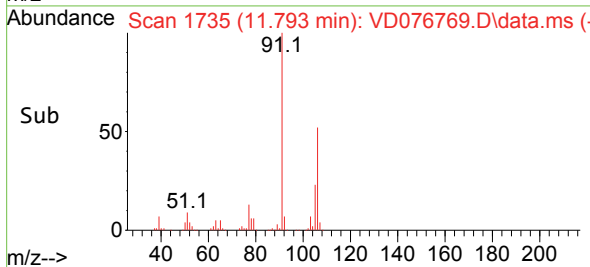
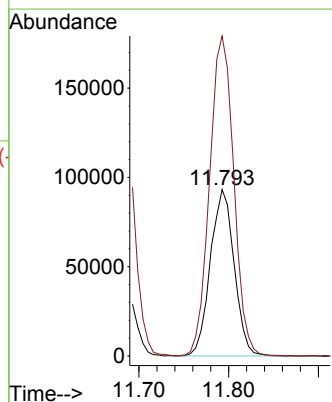
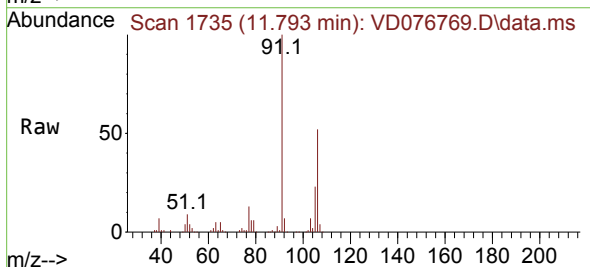
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

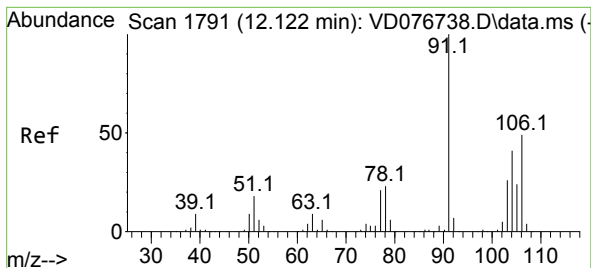
Tgt Ion: 91 Resp: 218927  
Ion Ratio Lower Upper  
91 100  
106 31.0 26.5 39.7



#68  
m/p-Xylenes  
Concen: 41.949 ug/l  
RT: 11.793 min Scan# 1735  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 106 Resp: 171572  
Ion Ratio Lower Upper  
106 100  
91 195.9 147.0 220.6





#69

o-Xylene

Concen: 19.929 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

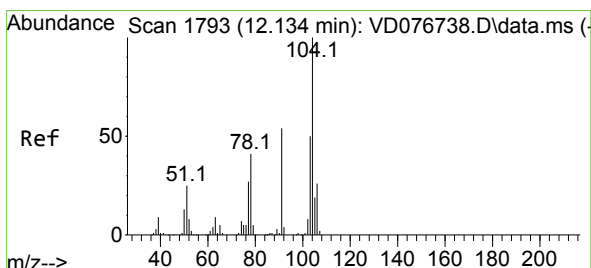
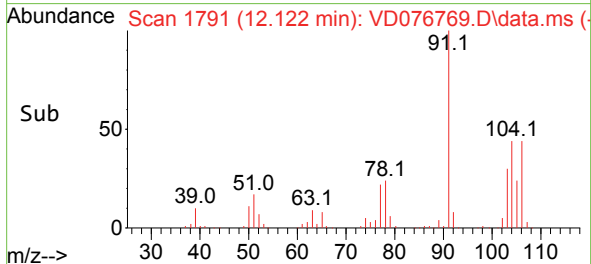
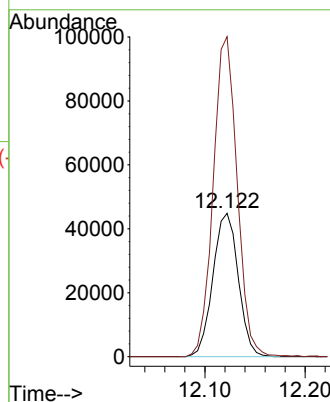
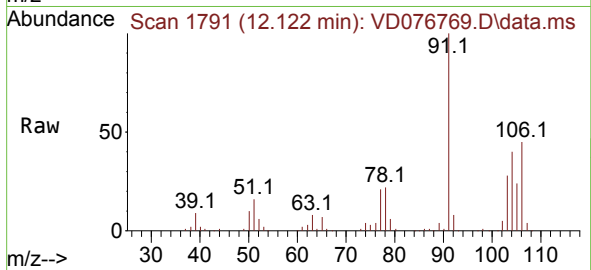
VD0718SBSD01

Tgt Ion:106 Resp: 78820

Ion Ratio Lower Upper

106 100

91 210.7 97.9 293.6



#70

Styrene

Concen: 19.982 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

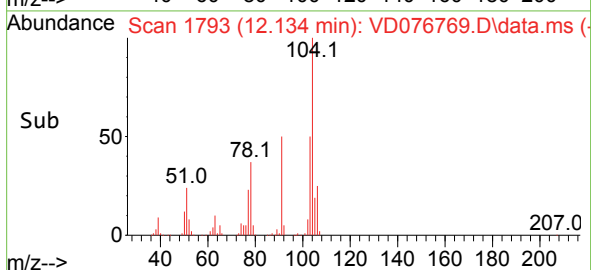
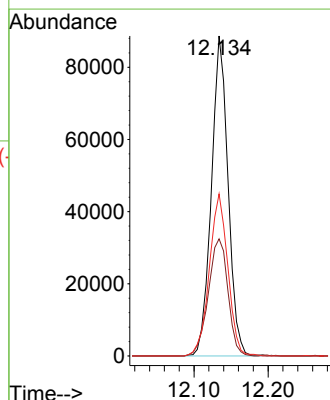
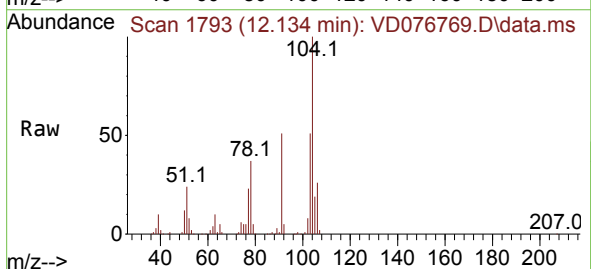
Tgt Ion:104 Resp: 138349

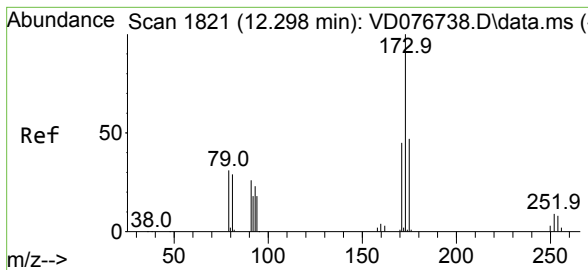
Ion Ratio Lower Upper

104 100

78 43.0 33.2 49.8

103 56.2 43.6 65.4

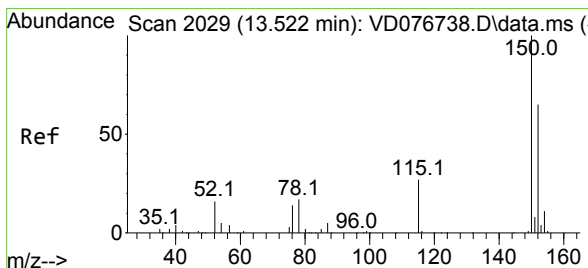
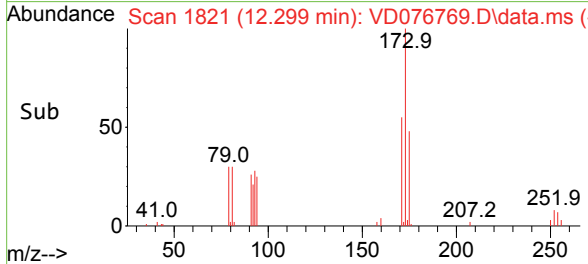
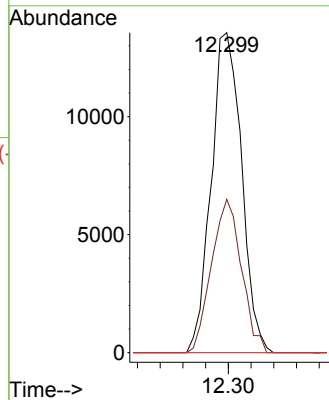
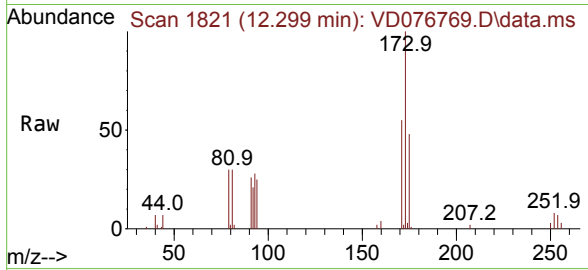




#71  
Bromoform  
Concen: 20.347 ug/l  
RT: 12.299 min Scan# 1821  
Delta R.T. 0.001 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

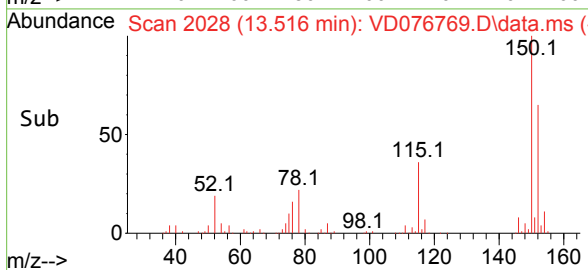
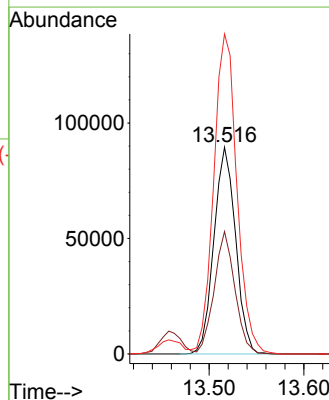
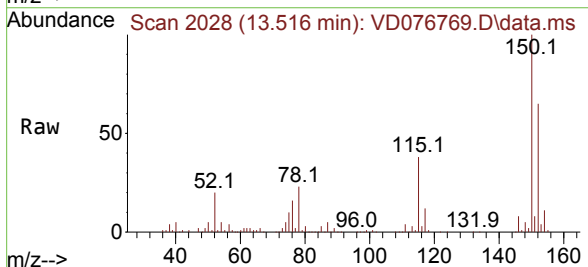
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBS01

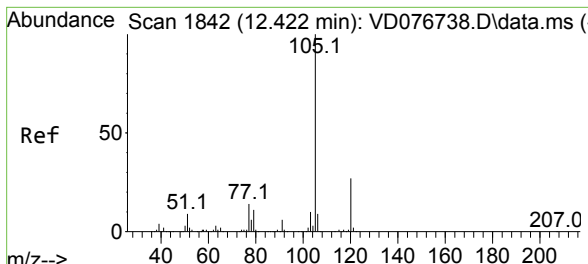
Tgt Ion:173 Resp: 25158  
Ion Ratio Lower Upper  
173 100  
175 47.4 24.6 73.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion:152 Resp: 142399  
Ion Ratio Lower Upper  
152 100  
115 56.6 27.1 81.3  
150 165.2 0.0 353.6

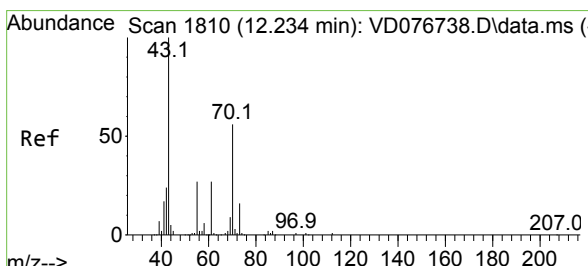
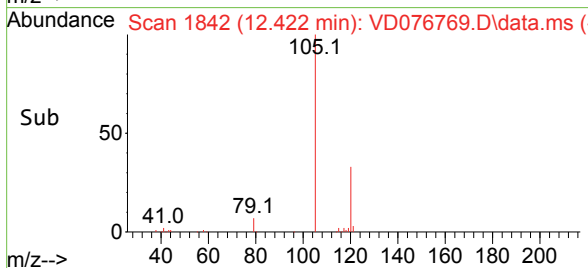
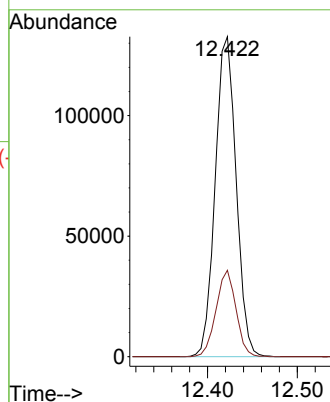
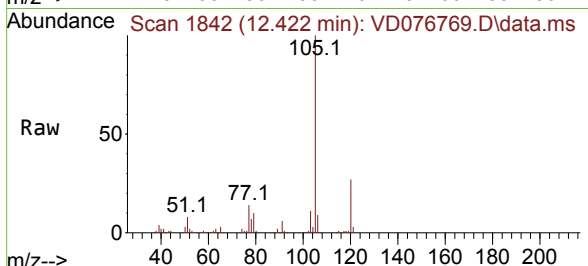




#73  
Isopropylbenzene  
Concen: 20.797 ug/l  
RT: 12.422 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

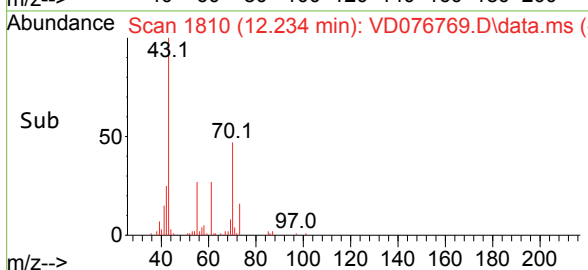
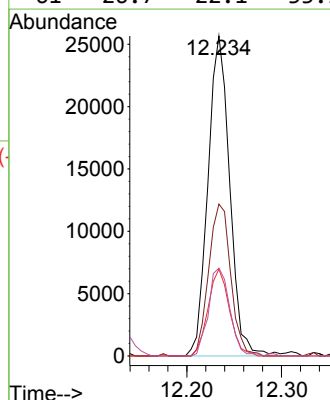
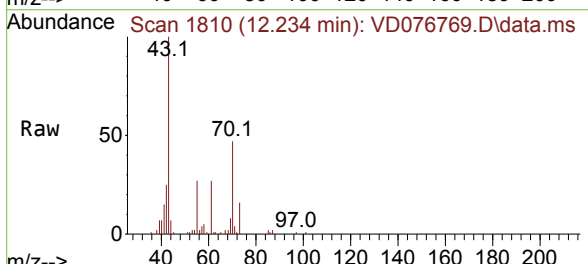
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

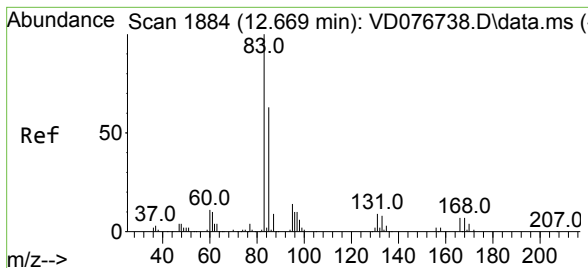
Tgt Ion:105 Resp: 214864  
Ion Ratio Lower Upper  
105 100  
120 25.8 14.3 42.9



#74  
N-ethyl acetate  
Concen: 18.887 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 43 Resp: 41107  
Ion Ratio Lower Upper  
43 100  
70 47.9 45.0 67.4  
55 26.6 23.8 35.6  
61 26.7 22.1 33.1

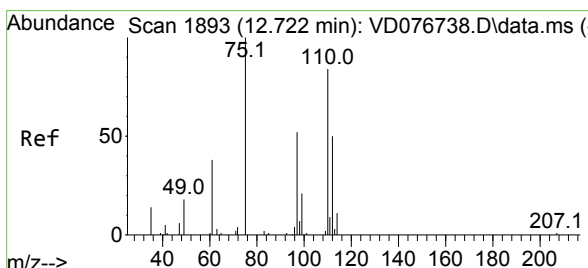
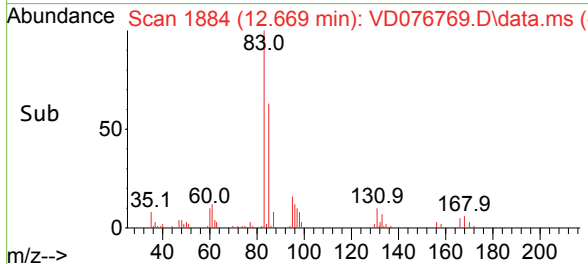
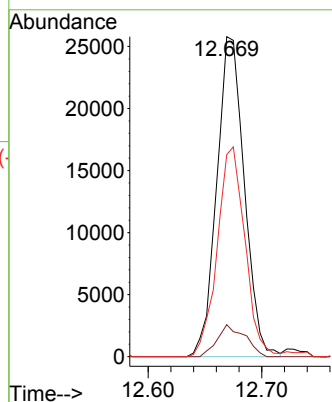
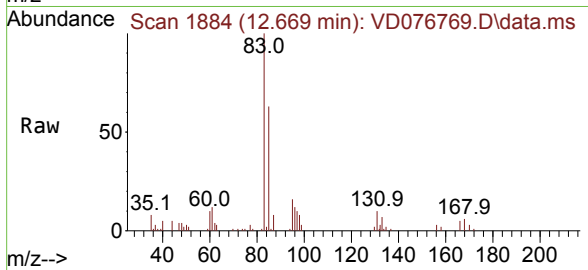




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.619 ug/l  
 RT: 12.669 min Scan# 1884  
 Delta R.T. 0.000 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

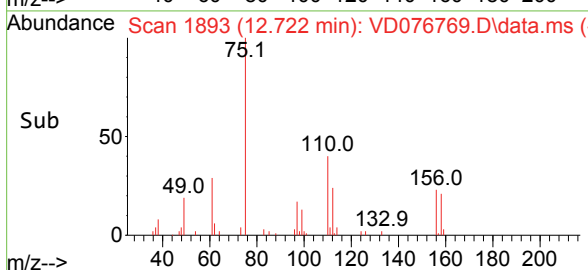
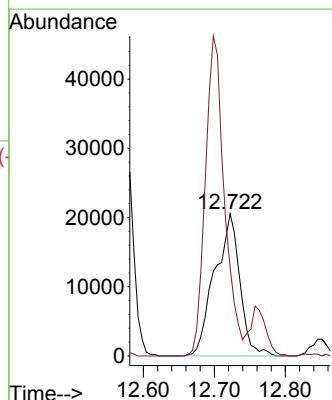
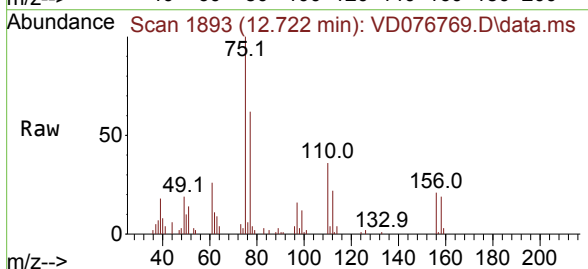
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0718SBSD01

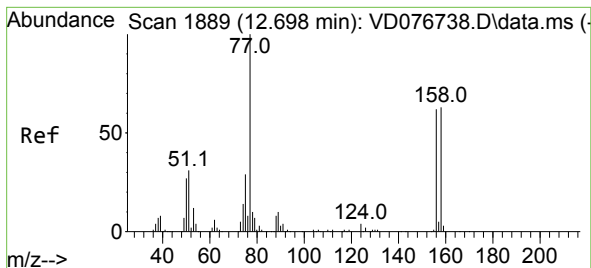
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 43519 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.0  | 5.1   | 15.3  |
| 85        | 65.8  | 32.6  | 97.8  |



#76  
 1,2,3-Trichloropropane  
 Concen: 37.327 ug/l  
 RT: 12.722 min Scan# 1893  
 Delta R.T. 0.000 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 50548 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.683 ug/l

RT: 12.699 min Scan# 1889

Delta R.T. 0.001 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0718SBS01

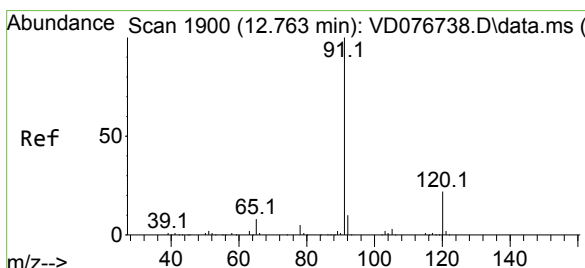
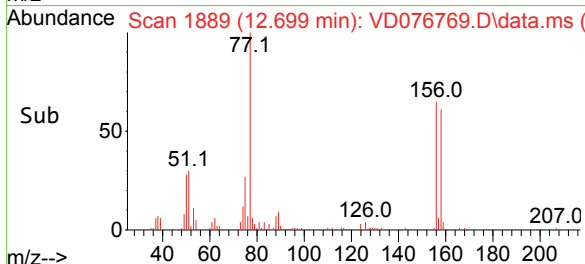
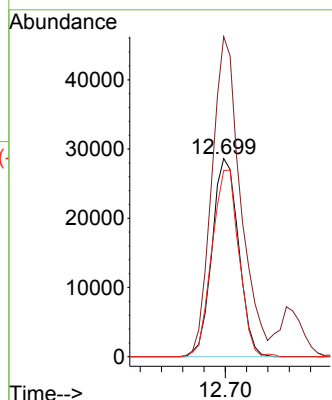
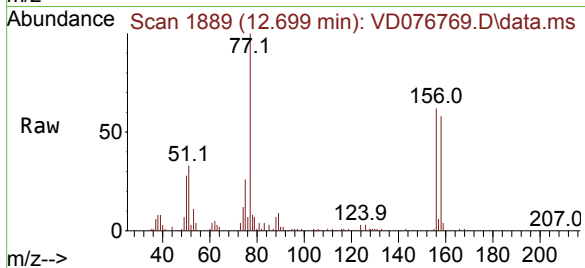
Tgt Ion:156 Resp: 49324

Ion Ratio Lower Upper

156 100

77 175.3 76.8 230.4

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 21.496 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076769.D

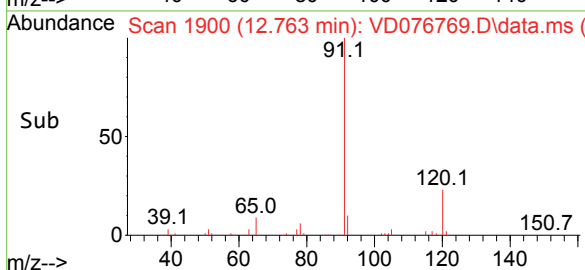
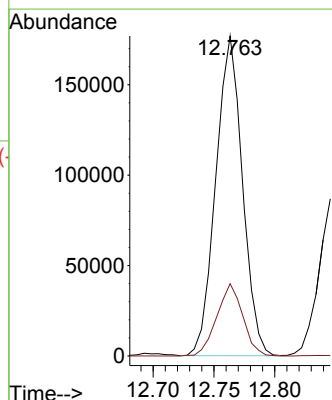
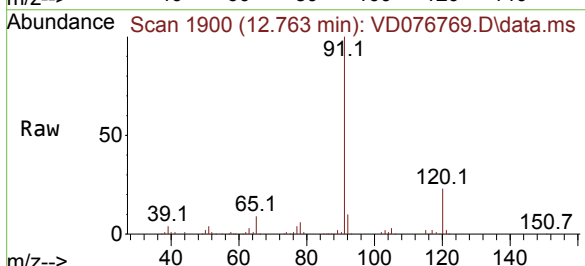
Acq: 18 Jul 2023 11:04

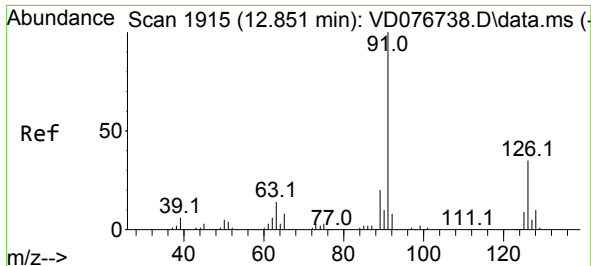
Tgt Ion: 91 Resp: 269229

Ion Ratio Lower Upper

91 100

120 22.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 20.853 ug/l

RT: 12.846 min Scan# 1915

Delta R.T. -0.005 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

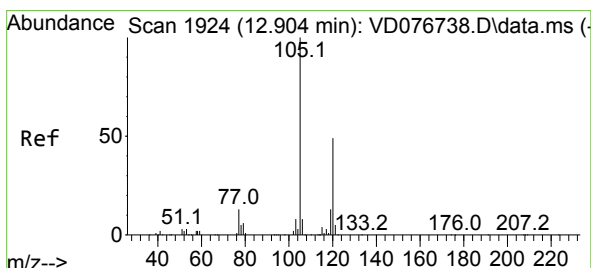
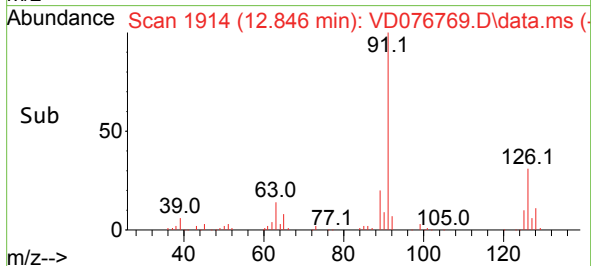
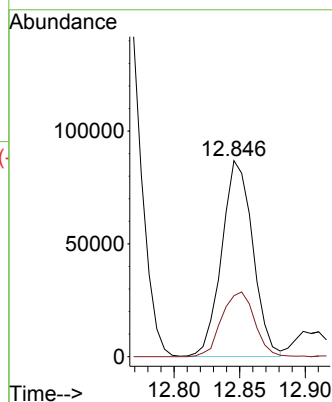
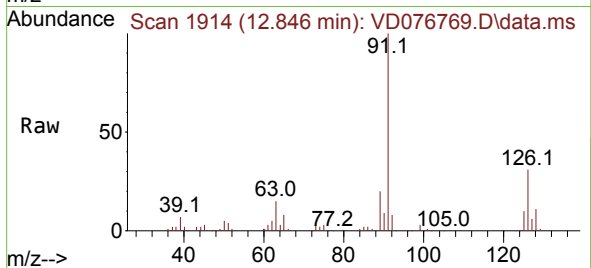
VD0718SBS01

Tgt Ion: 91 Resp: 143205

Ion Ratio Lower Upper

91 100

126 35.0 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 21.013 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076769.D

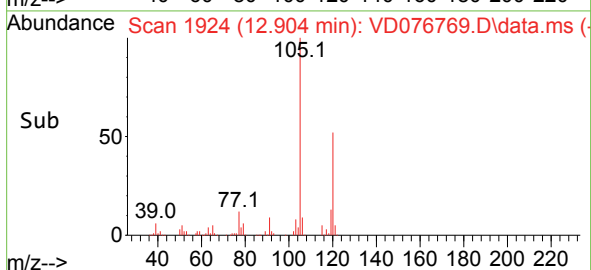
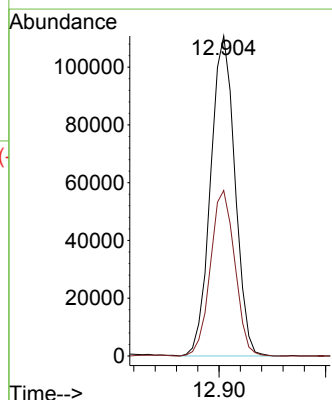
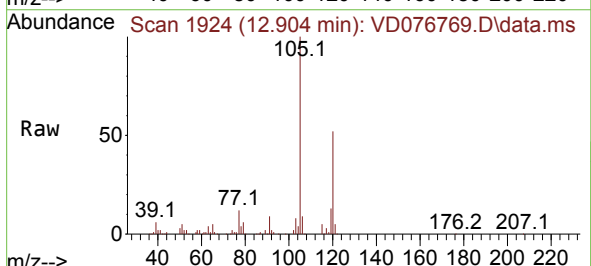
Acq: 18 Jul 2023 11:04

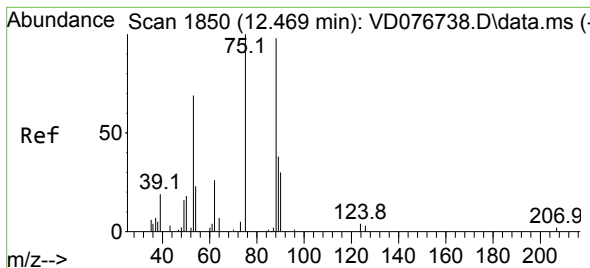
Tgt Ion: 105 Resp: 175540

Ion Ratio Lower Upper

105 100

120 51.7 26.4 79.2

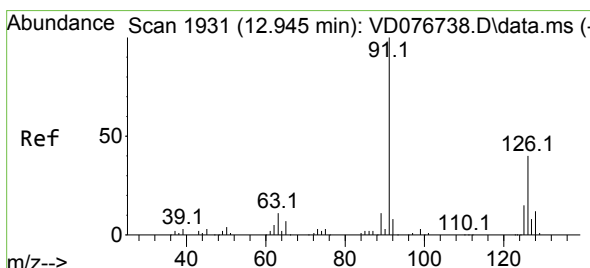
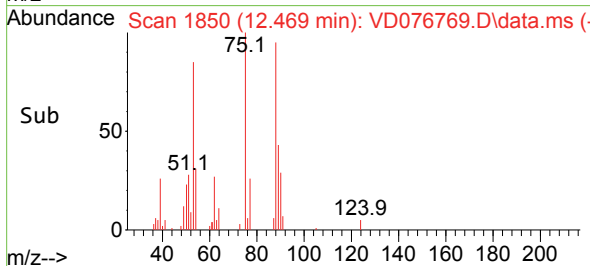
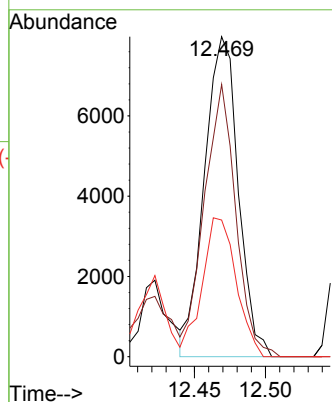
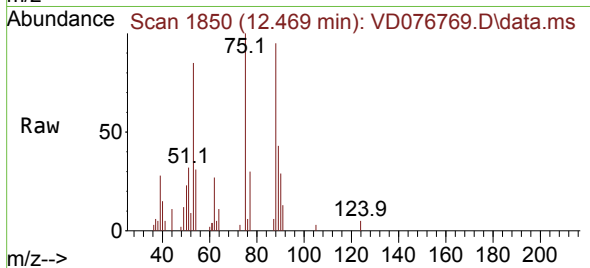




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.717 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

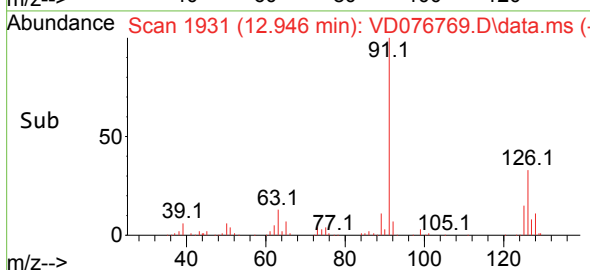
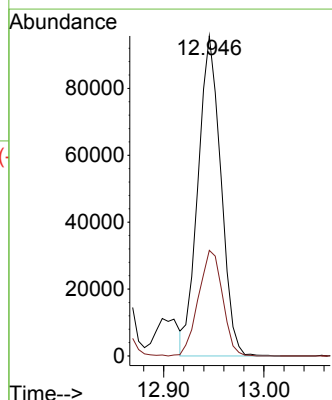
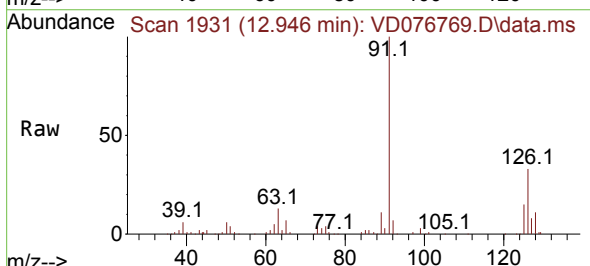
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

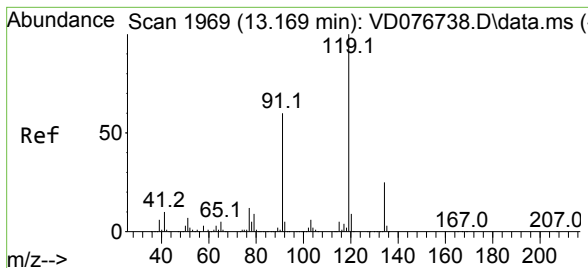
Tgt Ion: 75 Resp: 13182  
Ion Ratio Lower Upper  
75 100  
53 79.4 63.0 94.4  
89 43.7 37.9 56.9



#82  
4-Chlorotoluene  
Concen: 21.122 ug/l  
RT: 12.946 min Scan# 1931  
Delta R.T. 0.001 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 91 Resp: 151533  
Ion Ratio Lower Upper  
91 100  
126 34.8 19.4 58.4

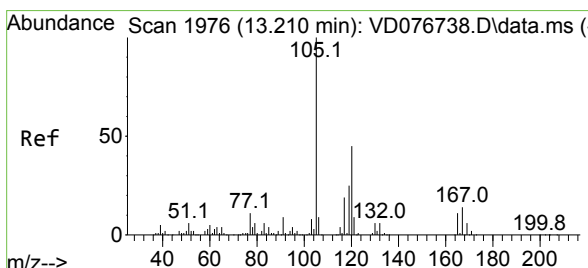
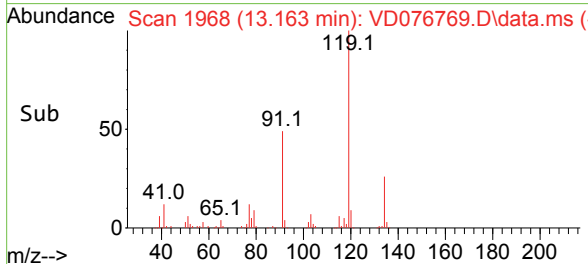
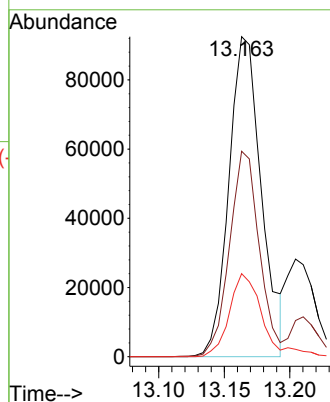
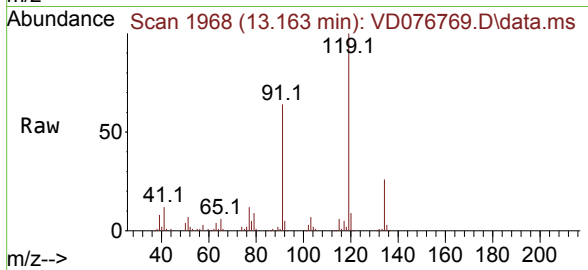




#83  
tert-Butylbenzene  
Concen: 21.715 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. -0.006 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

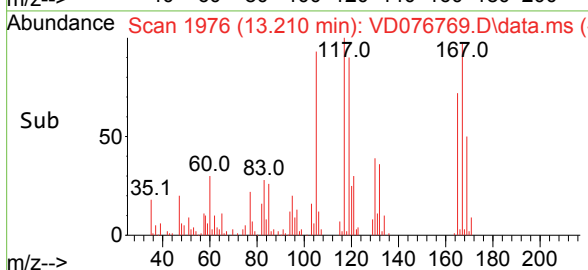
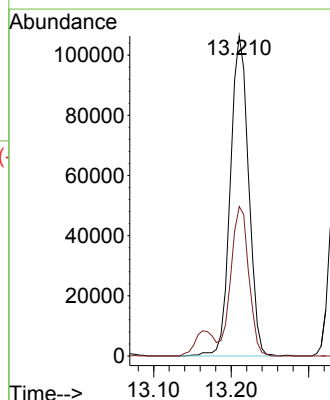
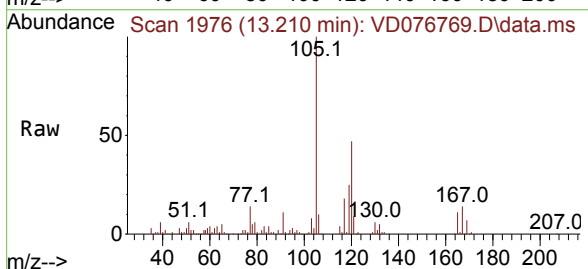
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

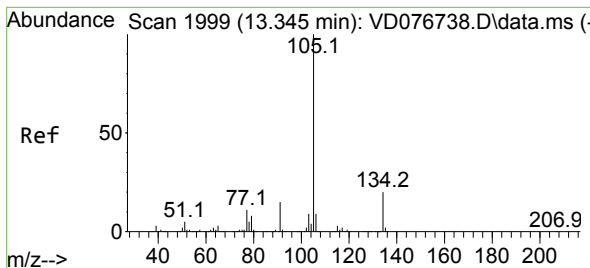
Tgt Ion:119 Resp: 159721  
Ion Ratio Lower Upper  
119 100  
91 59.0 29.3 87.8  
134 26.3 14.1 42.3



#84  
1,2,4-Trimethylbenzene  
Concen: 20.350 ug/l  
RT: 13.210 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion:105 Resp: 173723  
Ion Ratio Lower Upper  
105 100  
120 46.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 21.499 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.001 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

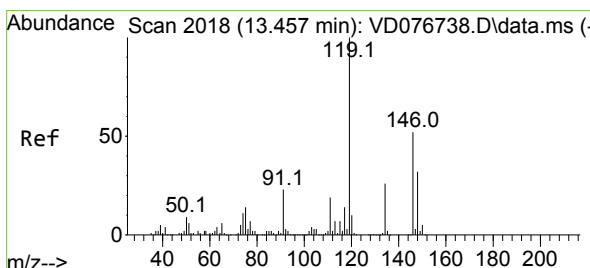
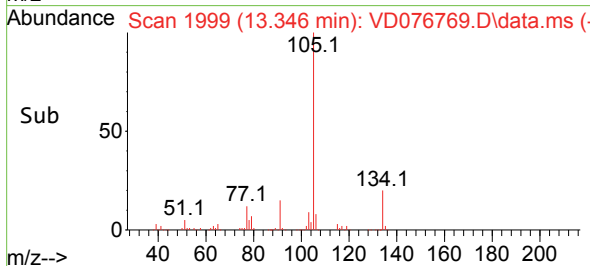
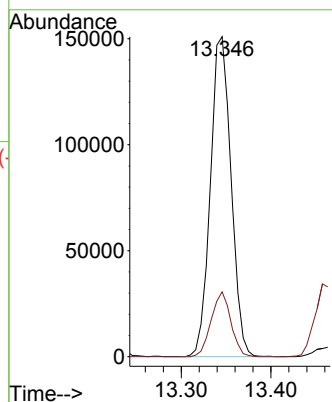
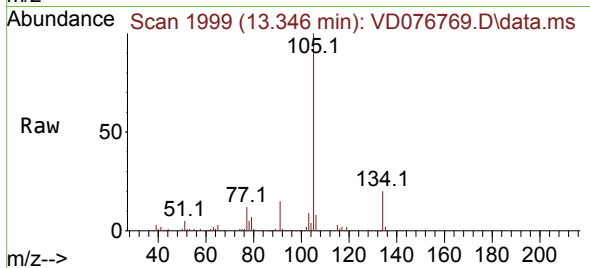
VD0718SBSD01

Tgt Ion:105 Resp: 241607

Ion Ratio Lower Upper

105 100

134 19.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 21.092 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

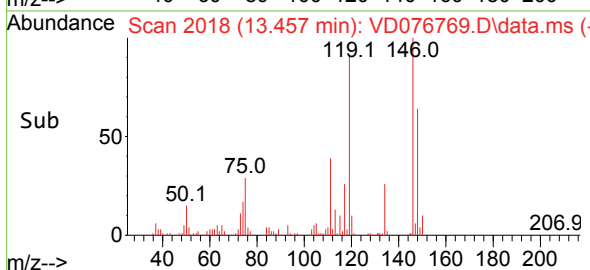
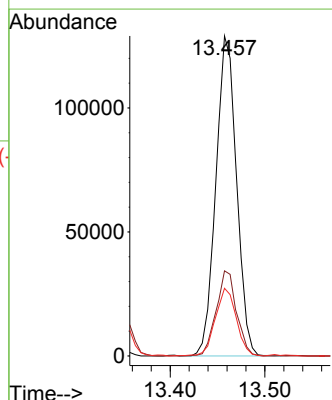
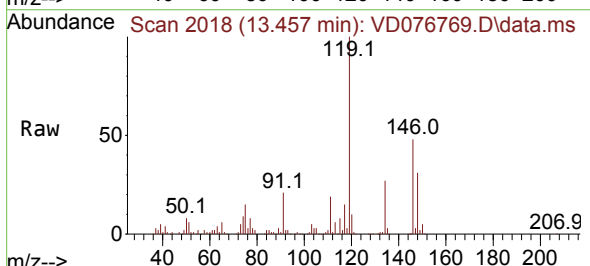
Tgt Ion:119 Resp: 195756

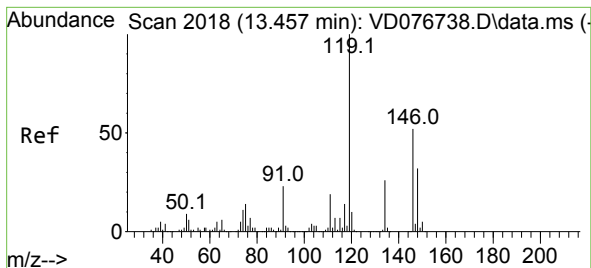
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 21.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.625 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0718SBS01

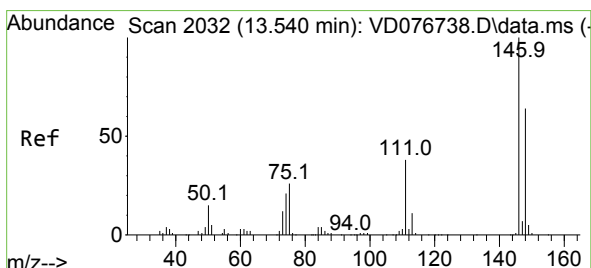
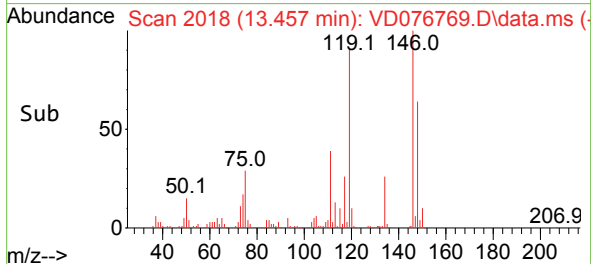
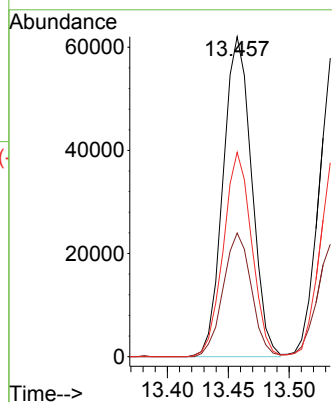
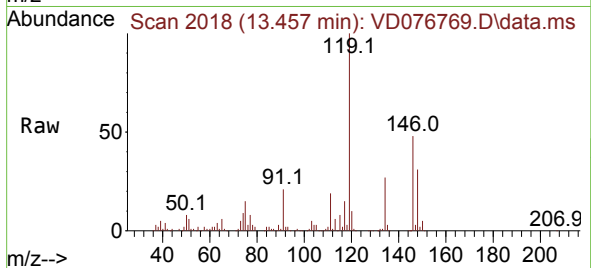
Tgt Ion:146 Resp: 101163

Ion Ratio Lower Upper

146 100

111 38.3 17.9 53.8

148 63.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 20.693 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

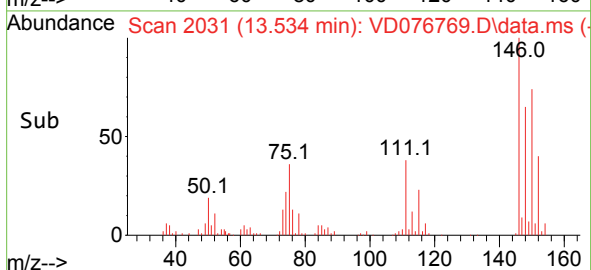
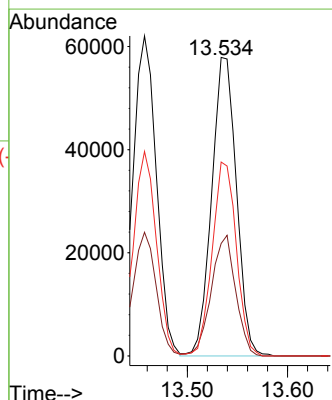
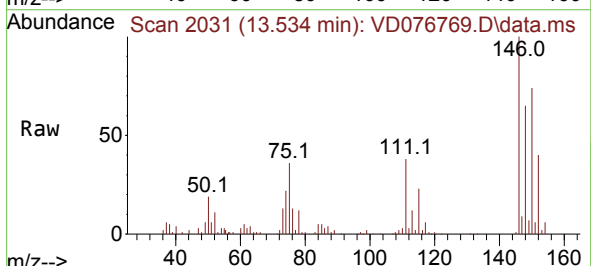
Tgt Ion:146 Resp: 99442

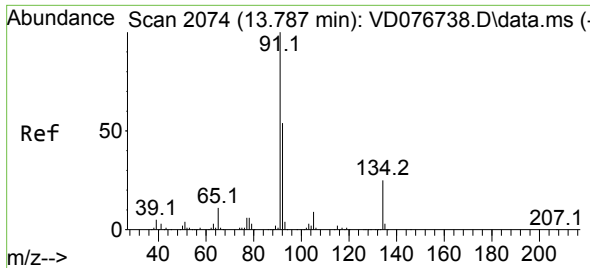
Ion Ratio Lower Upper

146 100

111 39.8 17.4 52.3

148 63.4 31.7 95.1

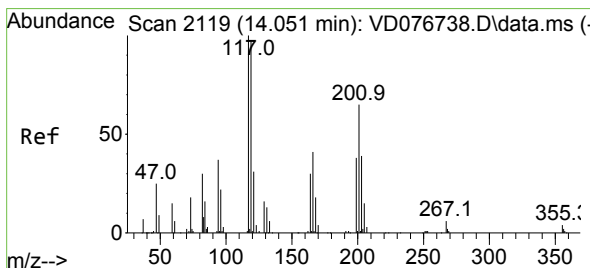
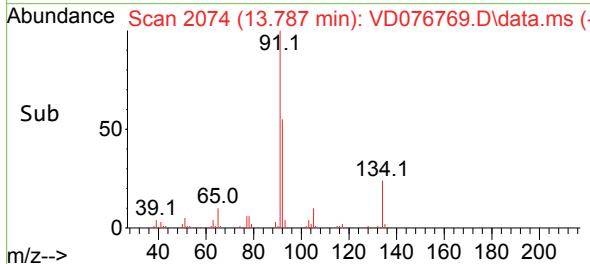
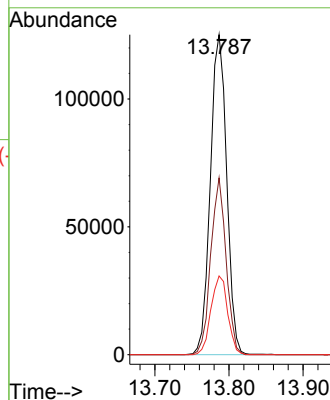
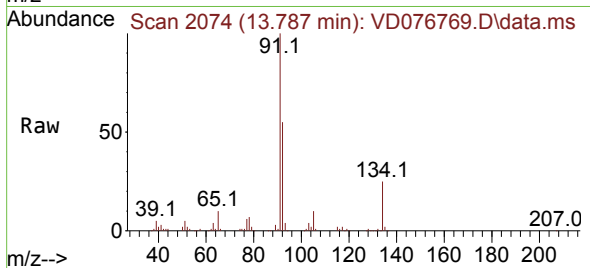




#89  
n-Butylbenzene  
Concen: 21.110 ug/l  
RT: 13.787 min Scan# 2074  
Delta R.T. -0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

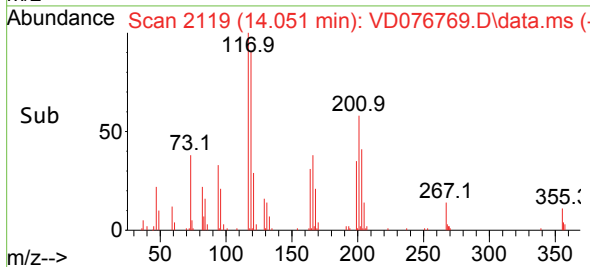
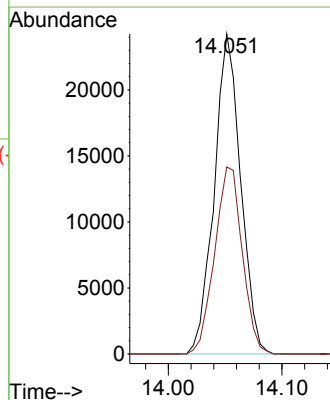
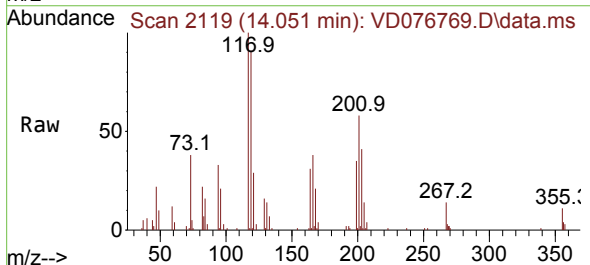
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0718SBSD01

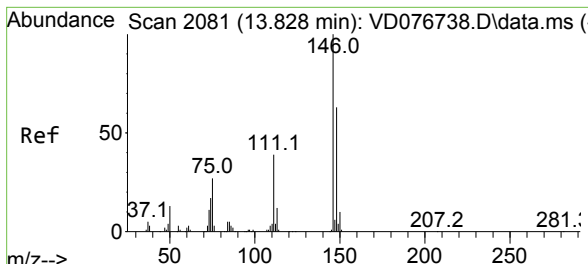
Tgt Ion: 91 Resp: 191721  
Ion Ratio Lower Upper  
91 100  
92 51.9 26.5 79.5  
134 25.2 13.8 41.3



#90  
Hexachloroethane  
Concen: 22.842 ug/l  
RT: 14.051 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: VD076769.D  
Acq: 18 Jul 2023 11:04

Tgt Ion: 117 Resp: 39193  
Ion Ratio Lower Upper  
117 100  
201 61.0 38.5 115.5

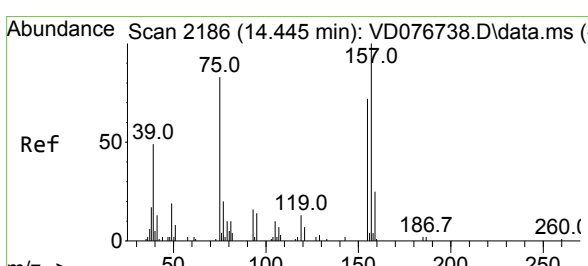
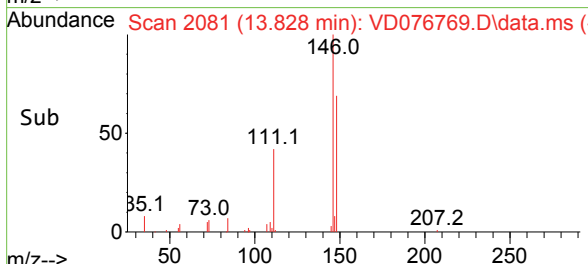
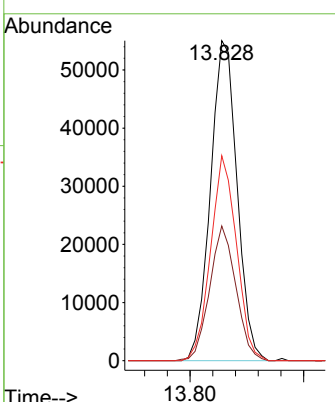
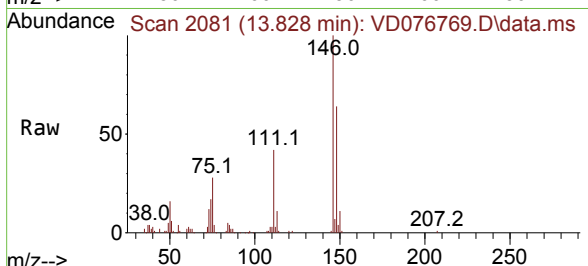




#91  
 1,2-Dichlorobenzene  
 Concen: 20.713 ug/l  
 RT: 13.828 min Scan# 2081  
 Delta R.T. -0.000 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

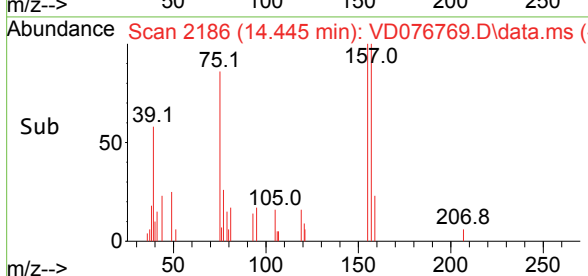
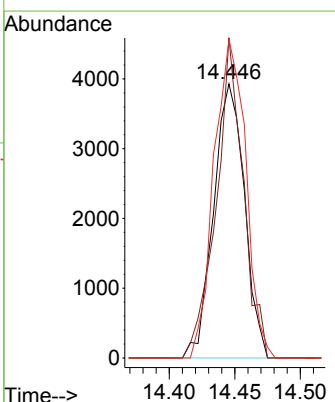
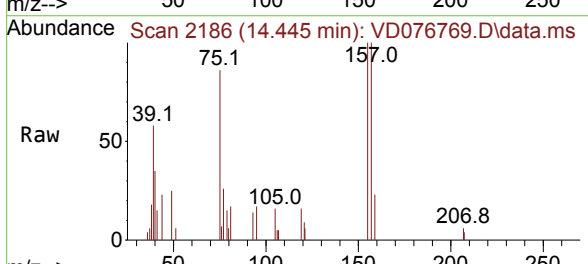
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0718SBSD01

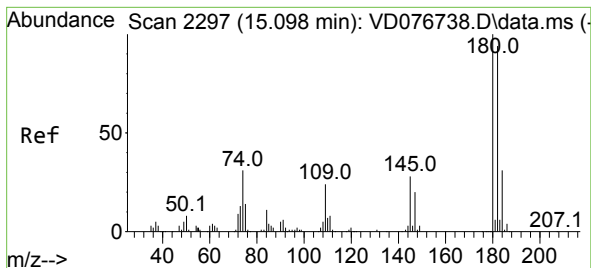
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 89524 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.5  | 18.3  | 54.8  |
| 148       | 62.4  | 31.6  | 94.7  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.333 ug/l  
 RT: 14.445 min Scan# 2186  
 Delta R.T. 0.000 min  
 Lab File: VD076769.D  
 Acq: 18 Jul 2023 11:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 6431  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 102.0 | 47.9  | 143.8 |
| 157       | 119.7 | 59.9  | 179.7 |





#93

1,2,4-Trichlorobenzene

Concen: 20.617 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0718SBSD01

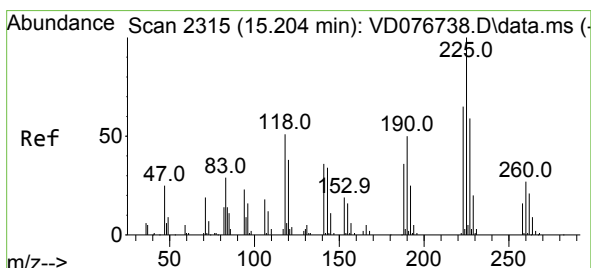
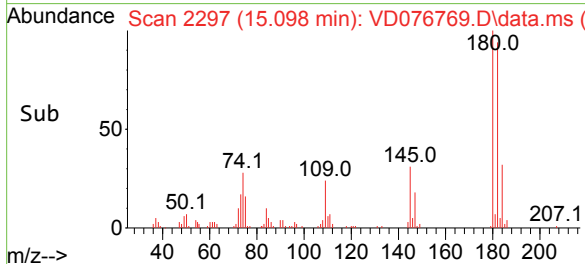
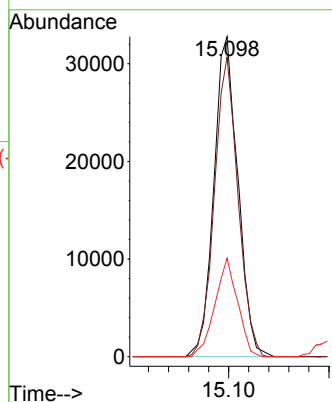
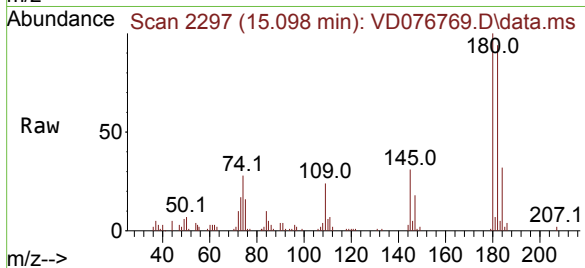
Tgt Ion:180 Resp: 54400

Ion Ratio Lower Upper

180 100

182 92.2 48.5 145.6

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.149 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

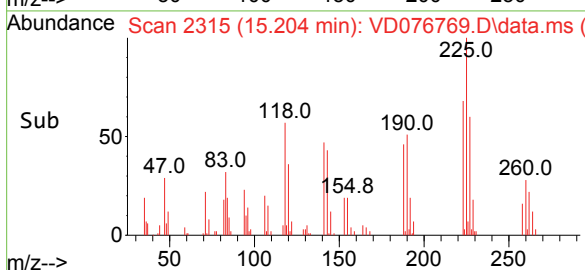
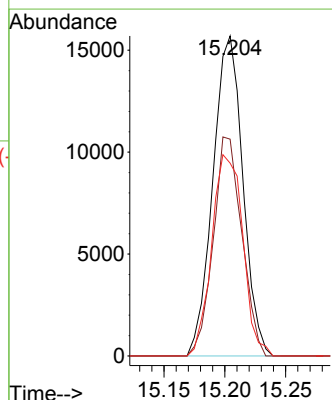
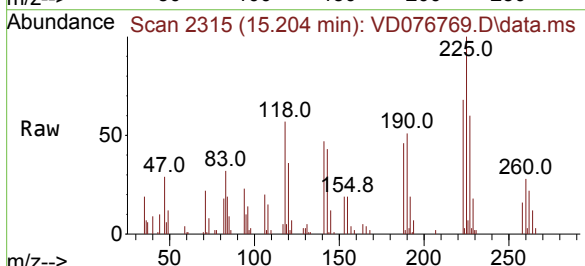
Tgt Ion:225 Resp: 26839

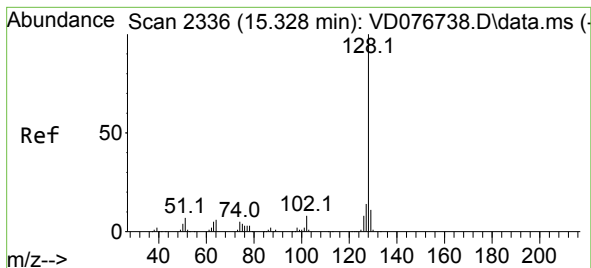
Ion Ratio Lower Upper

225 100

223 65.4 31.6 94.8

227 65.3 31.7 95.1





#95

Naphthalene

Concen: 18.606 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0718SBS01

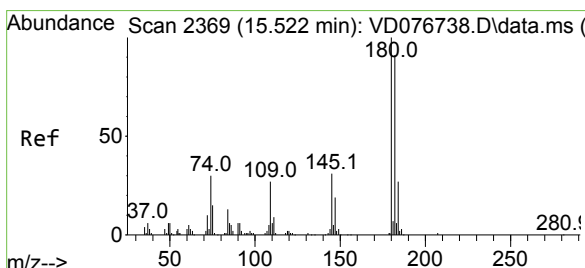
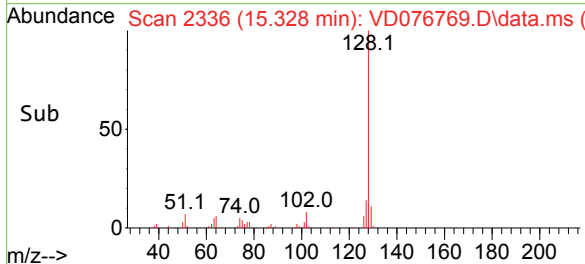
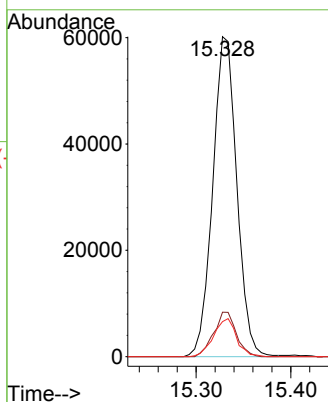
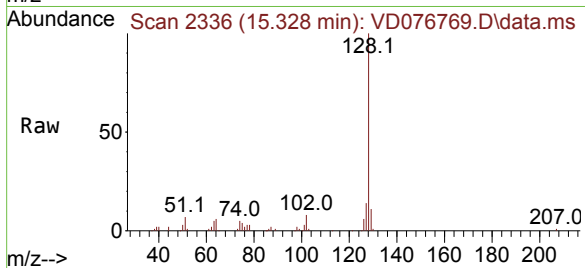
Tgt Ion:128 Resp: 106304

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.107 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Tgt Ion:180 Resp: 47611

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 31.8 15.1 45.3

