

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022223\  
 Data File : VD075397.D  
 Acq On : 22 Feb 2023 13:17  
 Operator : KP/SY  
 Sample : VD0222SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0222SBS01

Quant Time: Feb 22 22:36:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D022123S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 21 16:26:04 2023  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|--------|----------|
| -----                        |           |       |          |          |        |          |
| Internal Standards           |           |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.881     | 168   | 54454    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775     | 114   | 88461    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581    | 117   | 82250    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.522    | 152   | 40558    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.228     | 65    | 24816    | 53.126   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 50 - 163 | Recovery | =      | 106.260% |
| 35) Dibromofluoromethane     | 7.805     | 113   | 26045    | 49.596   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 54 - 147 | Recovery | =      | 99.200%  |
| 50) Toluene-d8               | 10.269    | 98    | 86014    | 45.385   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 49 - 140 | Recovery | =      | 90.780%  |
| 62) 4-Bromofluorobenzene     | 12.575    | 95    | 30806    | 48.408   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 25 - 144 | Recovery | =      | 96.820%  |
| Target Compounds             |           |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.934     | 85    | 13562    | 22.278   | ug/l   | 97       |
| 3) Chloromethane             | 2.146     | 50    | 19737    | 22.159   | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.281     | 62    | 20125    | 21.284   | ug/l   | 95       |
| 5) Bromomethane              | 2.681     | 94    | 11288    | 21.023   | ug/l   | 97       |
| 6) Chloroethane              | 2.834     | 64    | 12527    | 19.171   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.175     | 101   | 23114    | 20.812   | ug/l   | 91       |
| 8) Diethyl Ether             | 3.599     | 74    | 5317     | 20.562   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 3.969     | 101   | 13114    | 20.718   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.164     | 142   | 11201    | 19.998   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.052     | 59    | 3284     | 79.757   | ug/l # | 100      |
| 12) 1,1-Dichloroethene       | 3.940     | 96    | 12116    | 20.531   | ug/l   | 95       |
| 13) Acrolein                 | 3.799     | 56    | 1857     | 142.464  | ug/l   | 97       |
| 14) Allyl chloride           | 4.564     | 41    | 19289    | 20.670   | ug/l   | 97       |
| 15) Acrylonitrile            | 5.258     | 53    | 12977    | 103.941  | ug/l   | 98       |
| 16) Acetone                  | 4.022     | 43    | 12411    | 88.064   | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.275     | 76    | 42177    | 20.293   | ug/l   | 97       |
| 18) Methyl Acetate           | 4.564     | 43    | 8836     | 20.008   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.316     | 73    | 24297    | 20.336   | ug/l   | 95       |
| 20) Methylene Chloride       | 4.799     | 84    | 17425    | 22.276   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 5.316     | 96    | 13925    | 21.110   | ug/l   | 84       |
| 22) Diisopropyl ether        | 6.216     | 45    | 36728    | 20.605   | ug/l   | 92       |
| 23) Vinyl Acetate            | 6.158     | 43    | 62683    | 121.222  | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.111     | 63    | 24517    | 20.945   | ug/l   | 99       |
| 25) 2-Butanone               | 7.087     | 43    | 16595    | 94.424   | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.081     | 77    | 20984    | 20.612   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.081     | 96    | 14221    | 20.266   | ug/l   | 96       |
| 28) Bromochloromethane       | 7.422     | 49    | 5963     | 22.926   | ug/l # | 98       |
| 29) Tetrahydrofuran          | 7.452     | 42    | 10088    | 101.770  | ug/l   | 95       |
| 30) Chloroform               | 7.599     | 83    | 24846    | 21.137   | ug/l   | 86       |
| 31) Cyclohexane              | 7.875     | 56    | 21963    | 19.873   | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 7.799     | 97    | 22954    | 21.214   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.005     | 75    | 19544    | 20.764   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.175     | 43    | 7326     | 19.888   | ug/l # | 94       |
| 38) Carbon Tetrachloride     | 7.993     | 117   | 19284    | 20.448   | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.275     | 83    | 21620    | 19.488   | ug/l   | 87       |
| 40) Benzene                  | 8.252     | 78    | 54658    | 21.213   | ug/l   | 97       |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0222SBS01

Quant Time: Feb 22 22:36:42 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D022123S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 21 16:26:04 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.405  | 41   | 4615     | 21.845  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 15892    | 22.089  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 14631    | 21.139  | ug/l   | 98       |
| 44) Trichloroethene           | 9.034  | 130  | 14558    | 21.090  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 14085    | 22.416  | ug/l   | 94       |
| 46) Dibromomethane            | 9.399  | 93   | 7283     | 21.287  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.587  | 83   | 18549    | 21.305  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.381  | 41   | 6829     | 19.627  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.393  | 88   | 1090     | 371.770 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 35684    | 101.802 | ug/l   | 98       |
| 52) Toluene                   | 10.334 | 92   | 34863    | 21.976  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.557 | 75   | 15943    | 22.367  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 18880    | 21.848  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.740 | 97   | 9540     | 21.523  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.604 | 69   | 10215    | 20.710  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 16271    | 21.313  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.875  | 63   | 13926    | 128.771 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.922 | 43   | 24397    | 98.634  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.081 | 129  | 11735    | 20.708  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 8907     | 21.193  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.816 | 164  | 12304    | 20.899  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.610 | 112  | 36343    | 21.125  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 13019    | 20.840  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.687 | 91   | 63350    | 20.305  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.798 | 106  | 50461    | 41.262  | ug/l   | 99       |
| 69) o-Xylene                  | 12.122 | 106  | 22734    | 20.298  | ug/l   | 99       |
| 70) Styrene                   | 12.134 | 104  | 38613    | 20.657  | ug/l   | 100      |
| 71) Bromoform                 | 12.298 | 173  | 6193     | 19.344  | ug/l # | 94       |
| 73) Isopropylbenzene          | 12.428 | 105  | 61437    | 20.090  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.234 | 43   | 12643    | 19.311  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 10545    | 20.576  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.728 | 75   | 12838    | 43.747  | ug/l # | 100      |
| 77) Bromobenzene              | 12.704 | 156  | 14510    | 20.993  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.763 | 91   | 76334    | 19.949  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 42039    | 20.345  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.910 | 105  | 51999    | 20.546  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.475 | 75   | 2718     | 24.998  | ug/l # | 82       |
| 82) 4-Chlorotoluene           | 12.951 | 91   | 44481    | 20.405  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.169 | 119  | 42225    | 19.246  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 51625    | 20.652  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 68257    | 20.195  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 57525    | 20.950  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.463 | 146  | 28822    | 20.245  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.540 | 146  | 28308    | 20.268  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.792 | 91   | 54170    | 20.054  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.057 | 117  | 10931    | 19.845  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.834 | 146  | 24599    | 20.608  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 1680     | 22.565  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.104 | 180  | 14437    | 19.891  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.210 | 225  | 8637     | 20.559  | ug/l   | 95       |
| 95) Naphthalene               | 15.334 | 128  | 24711    | 19.244  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.528 | 180  | 12533    | 20.422  | ug/l   | 97       |

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Operator : KP/SY  
Sample : VD0222SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

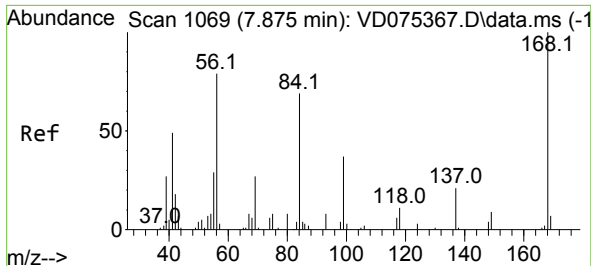
Quant Time: Feb 22 22:36:42 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D022123S.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 21 16:26:04 2023  
Response via : Initial Calibration

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

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

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Quant Title : SW846 8260  
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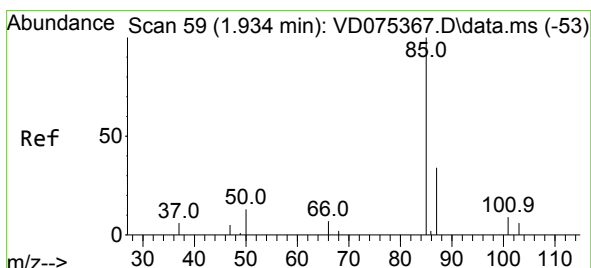
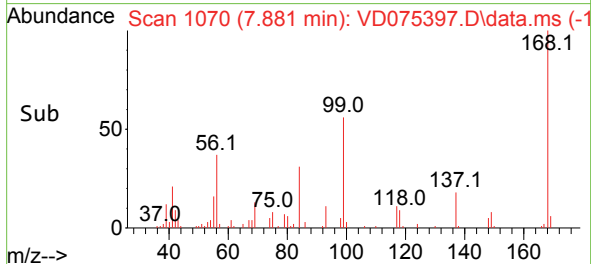
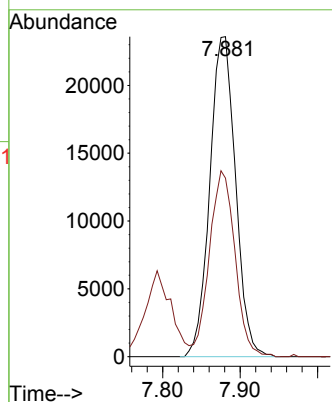
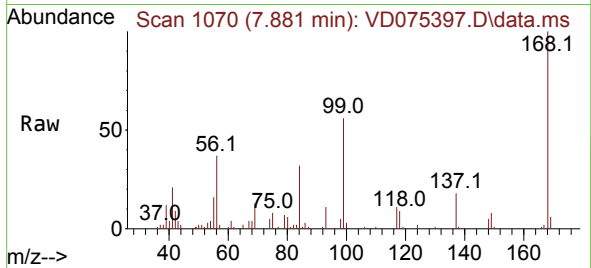




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.881 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

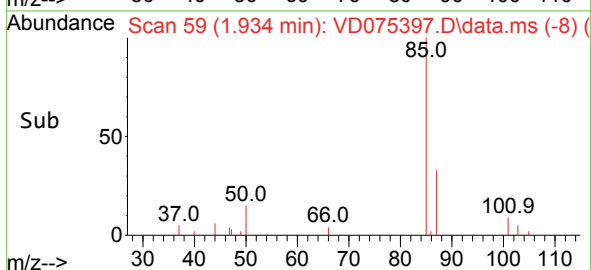
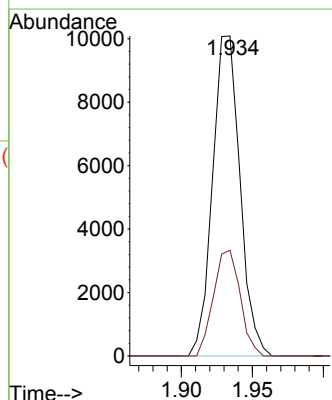
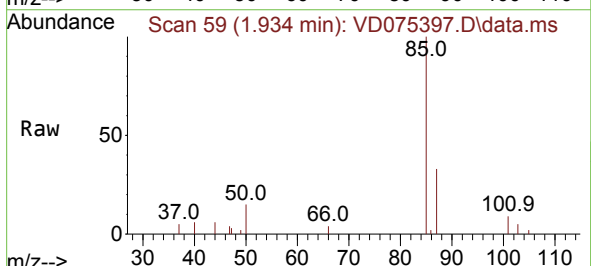
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

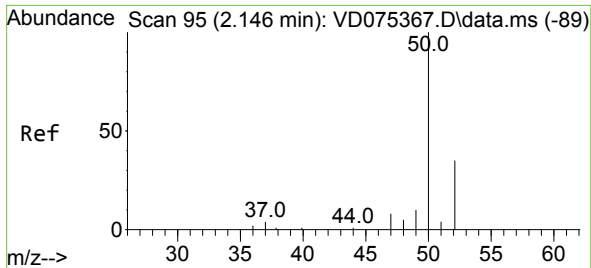
Tgt Ion:168 Resp: 54454  
Ion Ratio Lower Upper  
168 100  
99 55.8 43.8 65.6



#2  
Dichlorodifluoromethane  
Concen: 22.278 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 85 Resp: 13562  
Ion Ratio Lower Upper  
85 100  
87 33.0 17.3 51.7

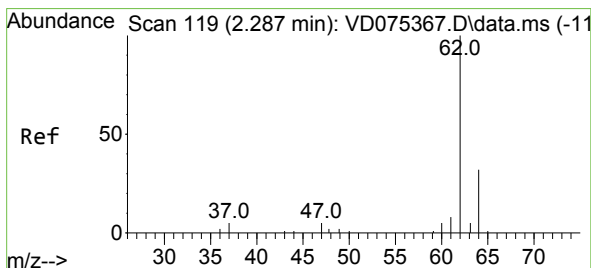
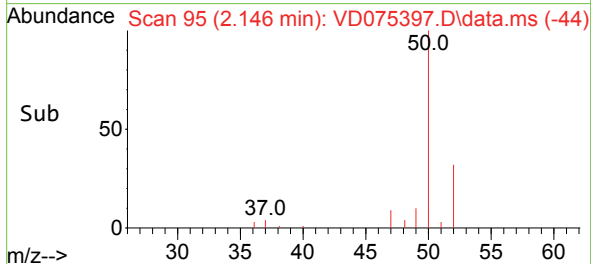
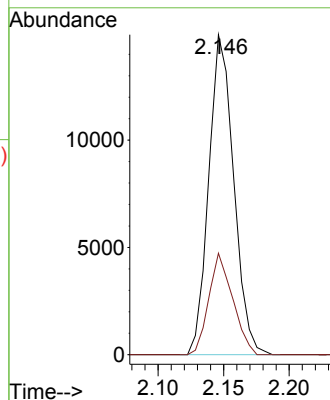
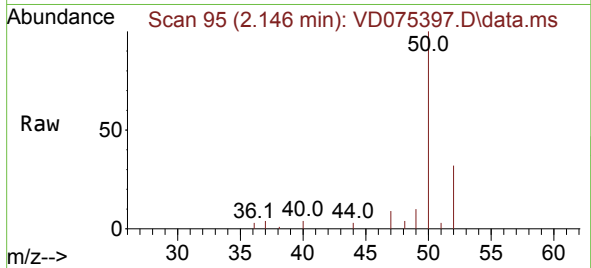




#3  
Chloromethane  
Concen: 22.159 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

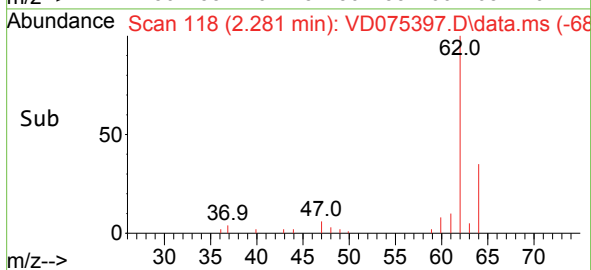
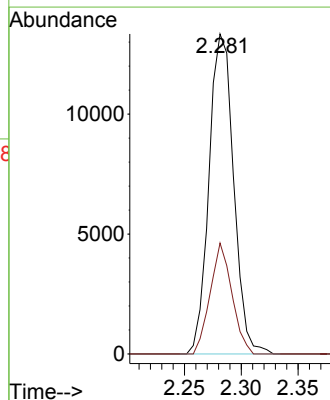
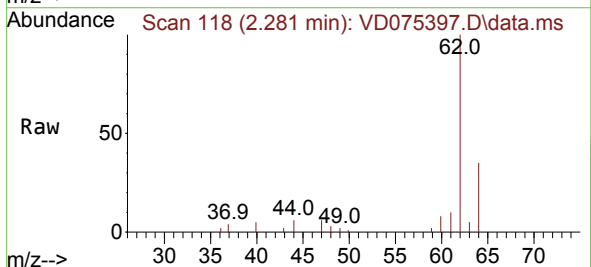
Instrument :  
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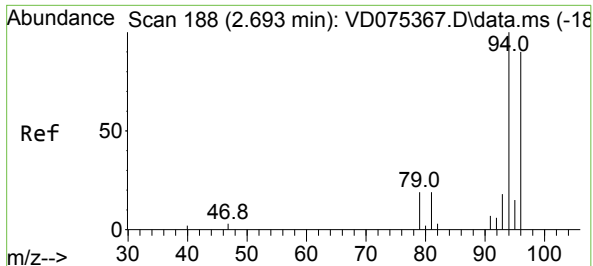
Tgt Ion: 50 Resp: 19737  
Ion Ratio Lower Upper  
50 100  
52 31.7 27.8 41.8



#4  
Vinyl Chloride  
Concen: 21.284 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. -0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 62 Resp: 20125  
Ion Ratio Lower Upper  
62 100  
64 34.7 25.4 38.0





#5

Bromomethane

Concen: 21.023 ug/l

RT: 2.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

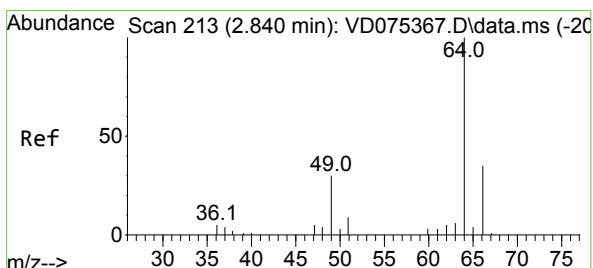
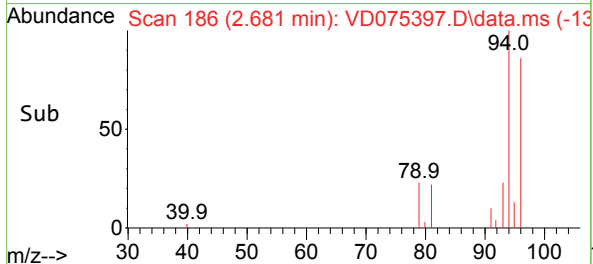
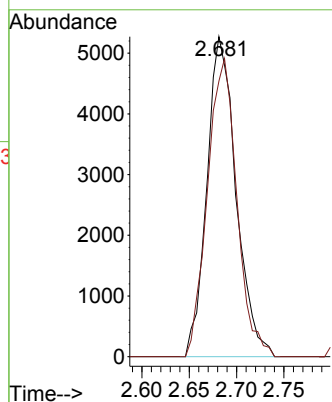
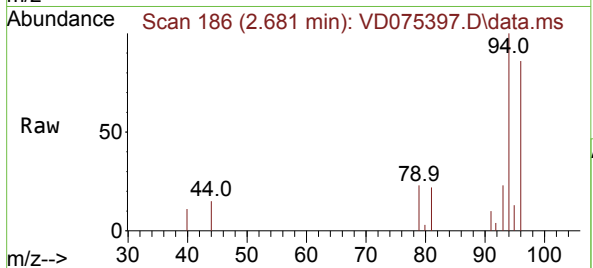
VD0222SBS01

Tgt Ion: 94 Resp: 11288

Ion Ratio Lower Upper

94 100

96 94.0 77.5 116.3



#6

Chloroethane

Concen: 19.171 ug/l

RT: 2.834 min Scan# 212

Delta R.T. -0.006 min

Lab File: VD075397.D

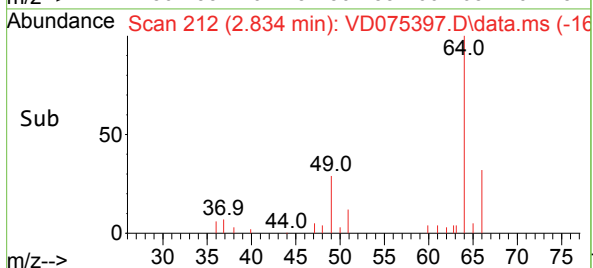
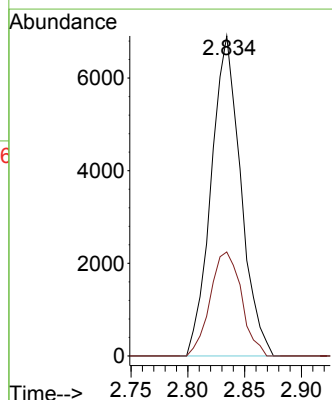
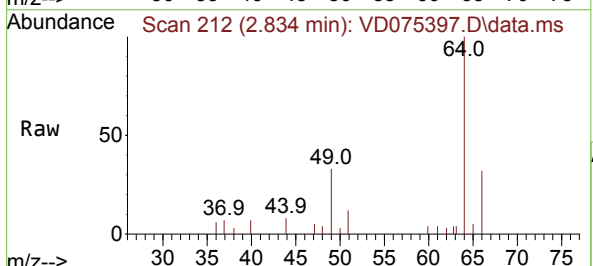
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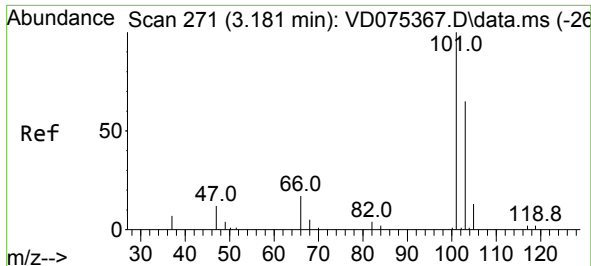
Tgt Ion: 64 Resp: 12527

Ion Ratio Lower Upper

64 100

66 32.5 27.7 41.5

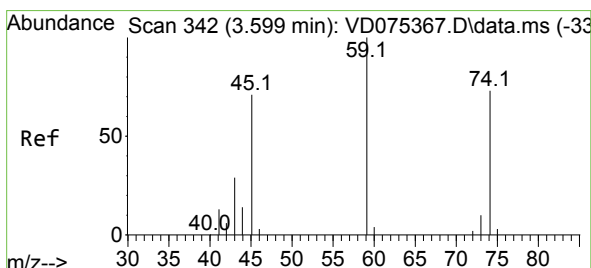
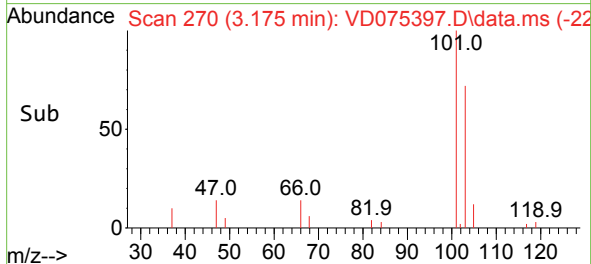
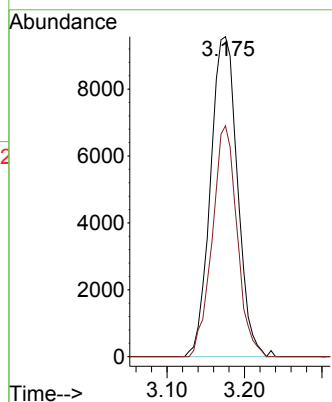
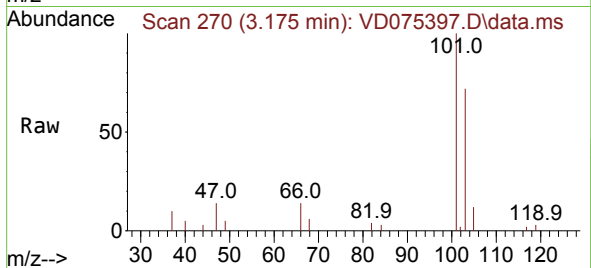




#7  
Trichlorofluoromethane  
Concen: 20.812 ug/l  
RT: 3.175 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

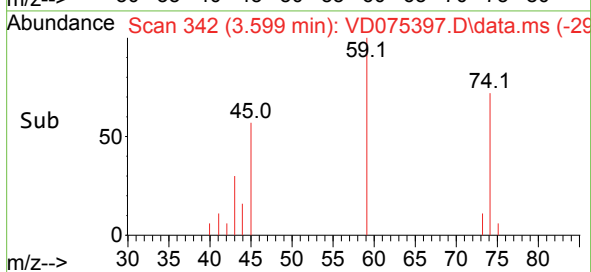
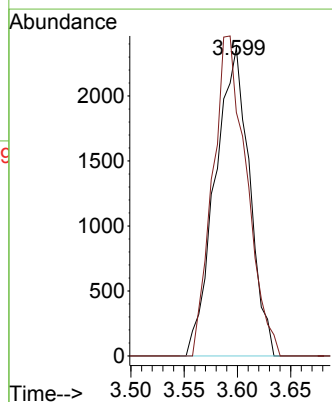
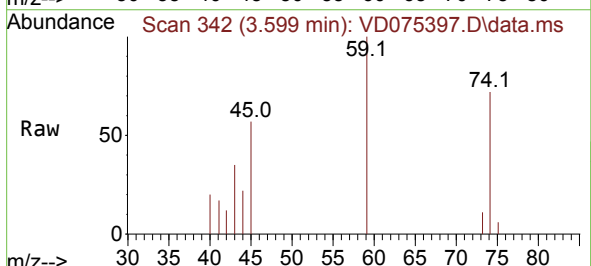
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

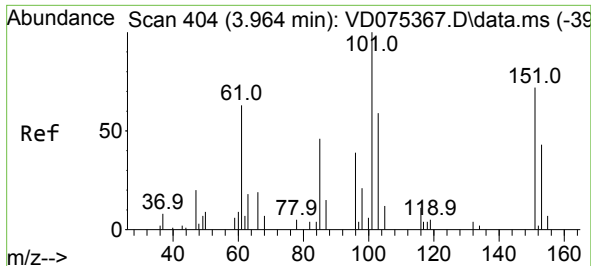
Tgt Ion:101 Resp: 23114  
Ion Ratio Lower Upper  
101 100  
103 72.1 51.9 77.9



#8  
Diethyl Ether  
Concen: 20.562 ug/l  
RT: 3.599 min Scan# 342  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 74 Resp: 5317  
Ion Ratio Lower Upper  
74 100  
45 102.6 50.9 152.7

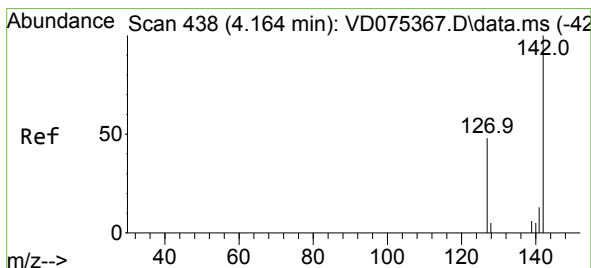
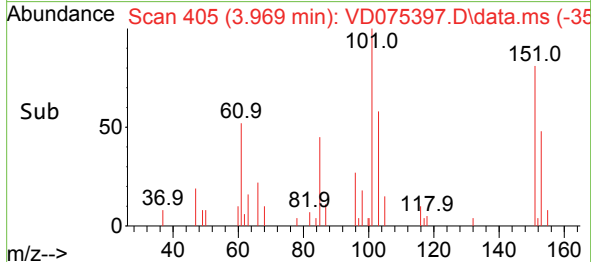
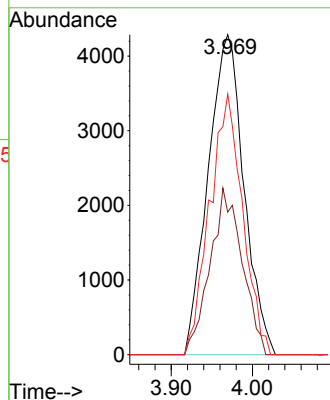
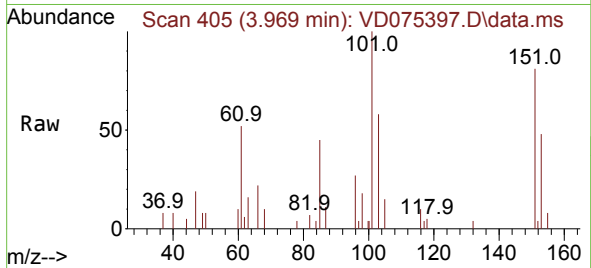




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.718 ug/l  
RT: 3.969 min Scan# 405  
Delta R.T. 0.005 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

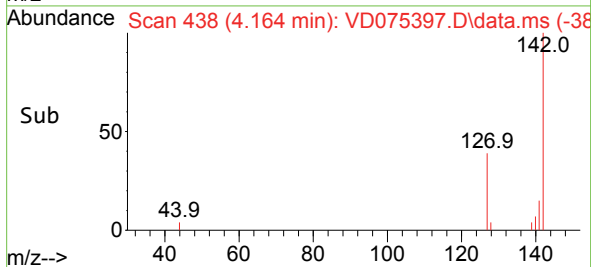
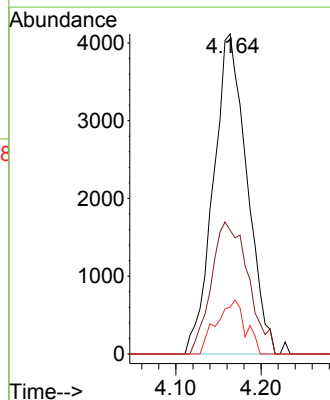
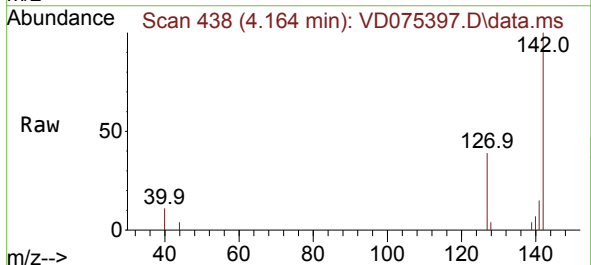
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

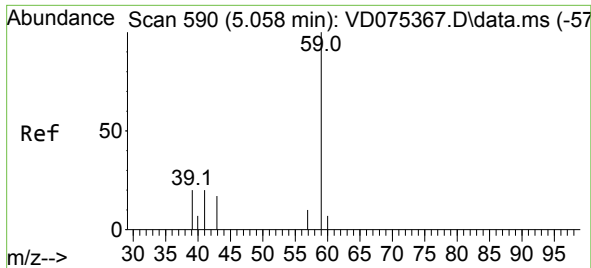
Tgt Ion:101 Resp: 13114  
Ion Ratio Lower Upper  
101 100  
85 46.8 38.3 57.5  
151 75.1 60.4 90.6



#10  
Methyl Iodide  
Concen: 19.998 ug/l  
RT: 4.164 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion:142 Resp: 11201  
Ion Ratio Lower Upper  
142 100  
127 45.8 37.1 55.7  
141 14.7 11.3 16.9

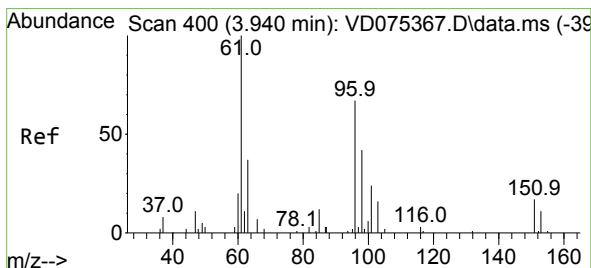
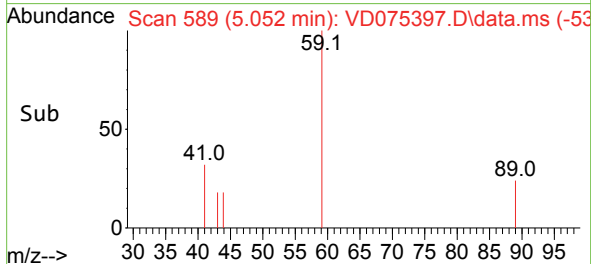
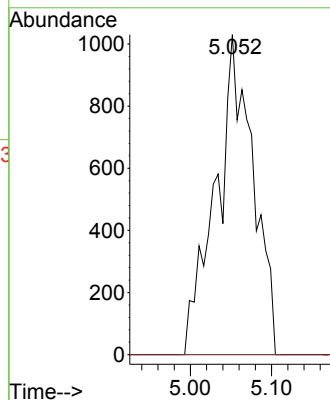
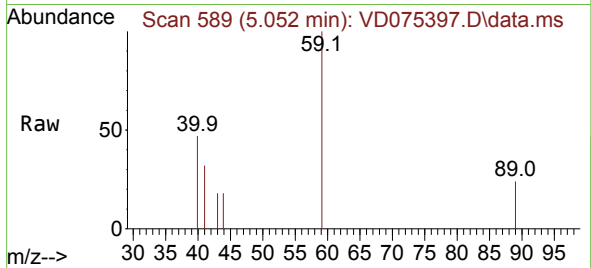




#11  
Tert butyl alcohol  
Concen: 79.757 ug/l  
RT: 5.052 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

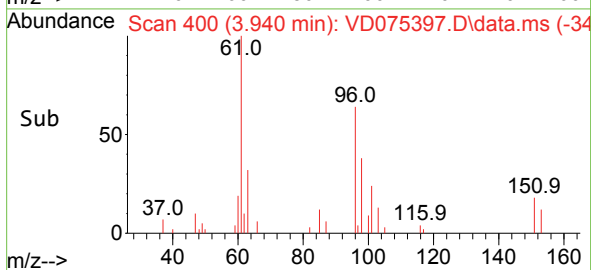
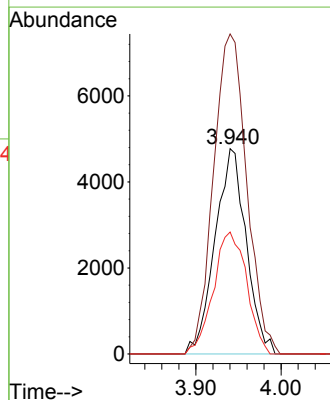
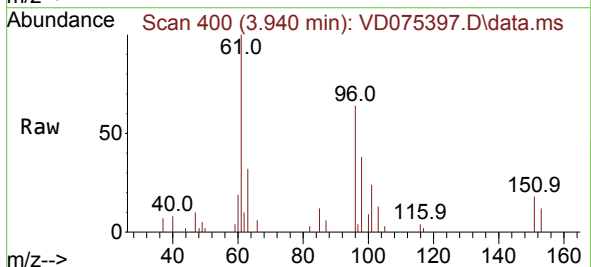
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

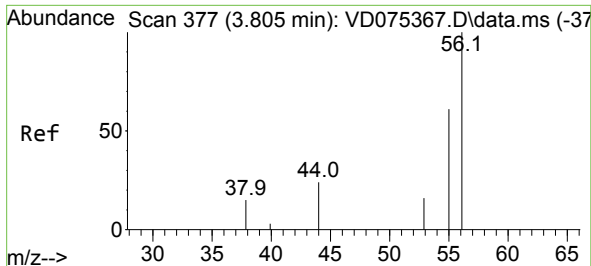
Tgt Ion: 59 Resp: 3284  
Ion Ratio Lower Upper  
59 100  
57 0.0 0.0 0.0



#12  
1,1-Dichloroethene  
Concen: 20.531 ug/l  
RT: 3.940 min Scan# 400  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 96 Resp: 12116  
Ion Ratio Lower Upper  
96 100  
61 155.9 118.6 177.8  
98 59.4 49.7 74.5

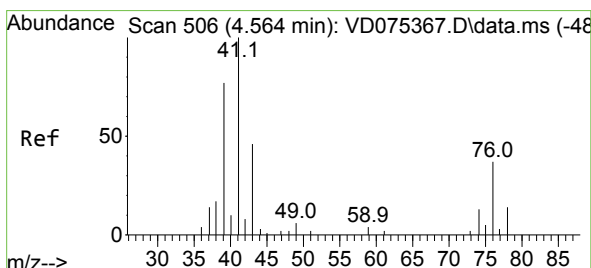
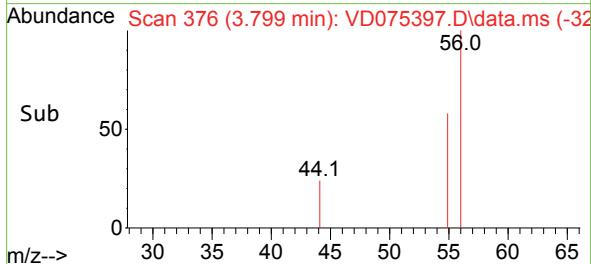
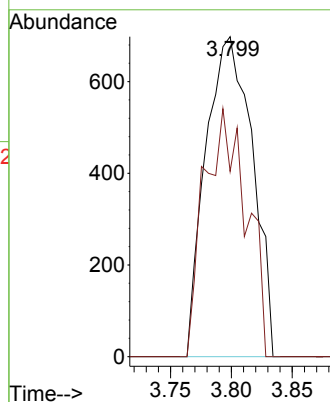
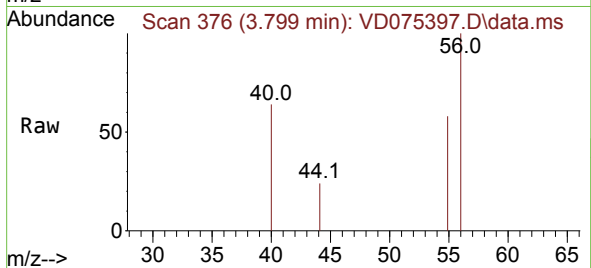




#13  
Acrolein  
Concen: 142.464 ug/l  
RT: 3.799 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

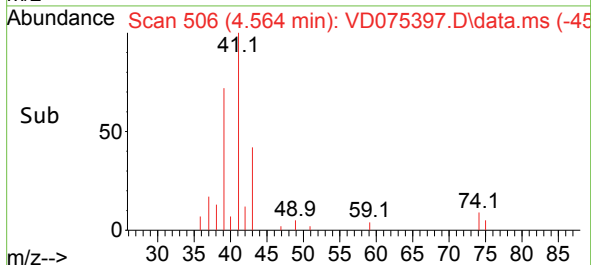
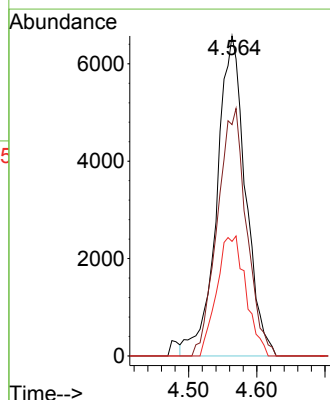
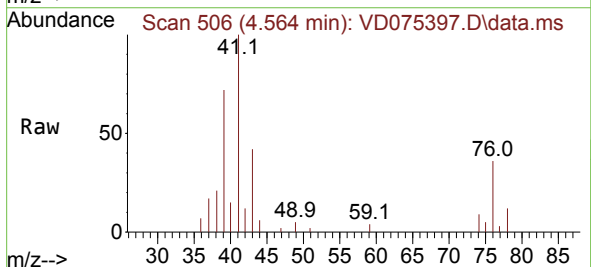
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

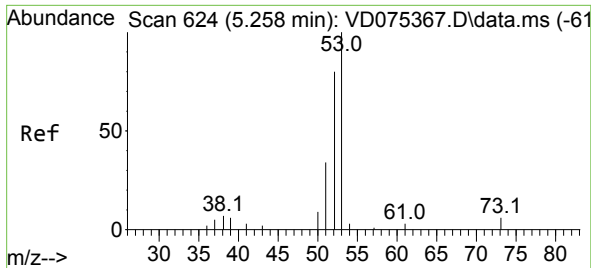
Tgt Ion: 56 Resp: 1857  
Ion Ratio Lower Upper  
56 100  
55 70.1 53.9 80.9



#14  
Allyl chloride  
Concen: 20.670 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 41 Resp: 19289  
Ion Ratio Lower Upper  
41 100  
39 78.4 60.6 90.8  
76 38.0 28.6 43.0

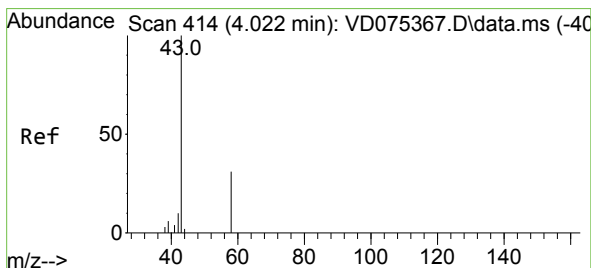
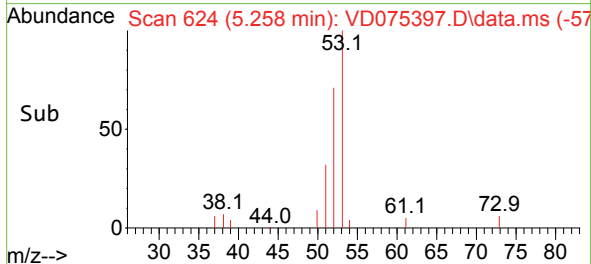
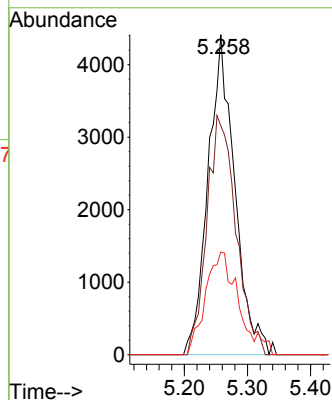
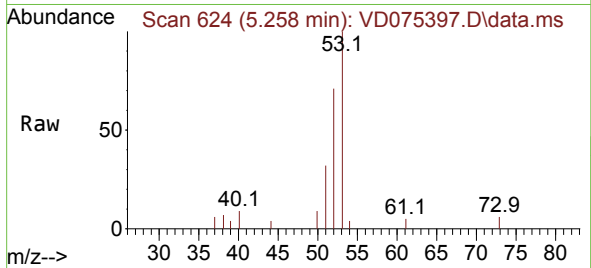




#15  
Acrylonitrile  
Concen: 103.941 ug/l  
RT: 5.258 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

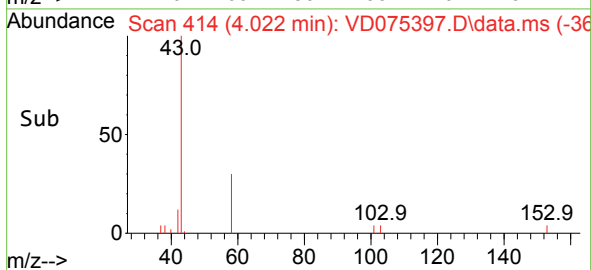
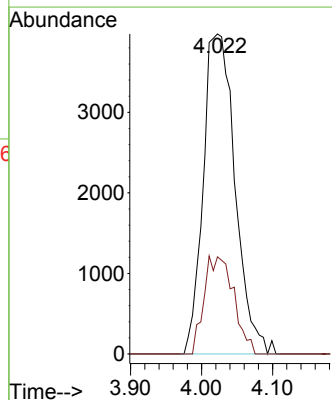
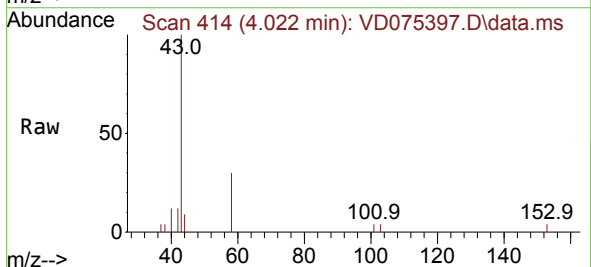
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

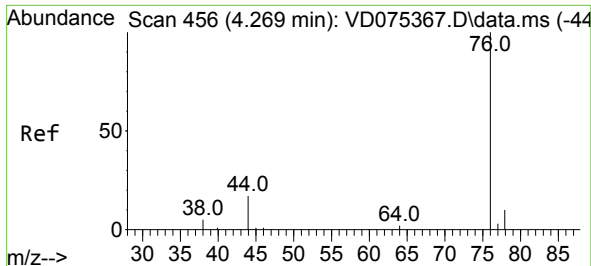
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 12977 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 81.1     | 66.2 99.4   |
| 51 37.3     | 30.7 46.1   |



#16  
Acetone  
Concen: 88.064 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 12411 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 30.4     | 24.4 36.6   |

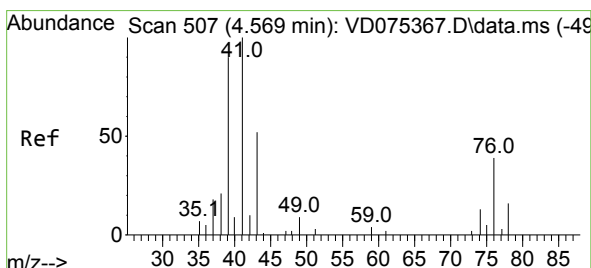
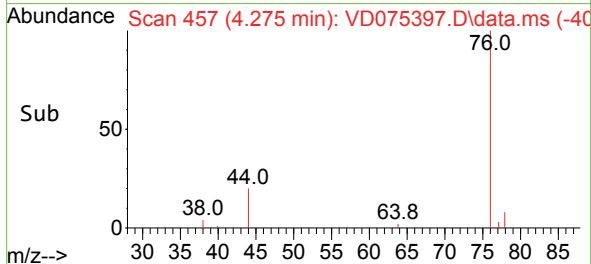
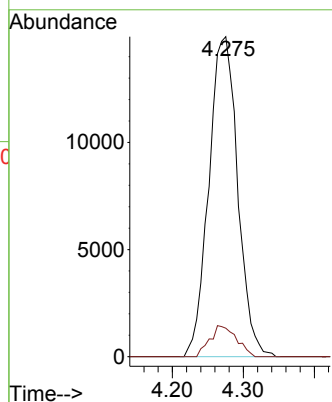
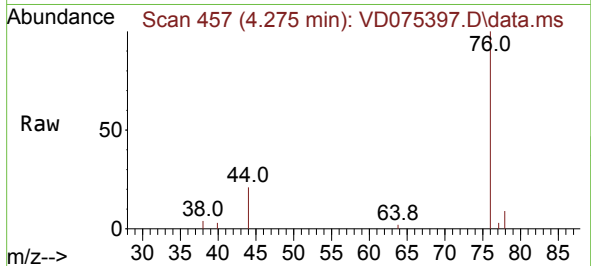




#17  
Carbon Disulfide  
Concen: 20.293 ug/l  
RT: 4.275 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

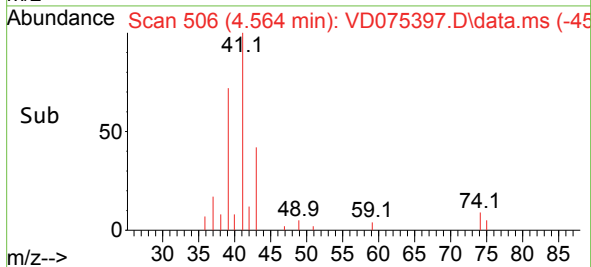
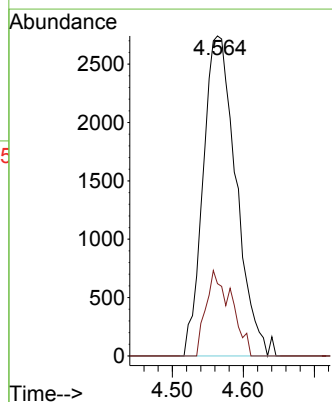
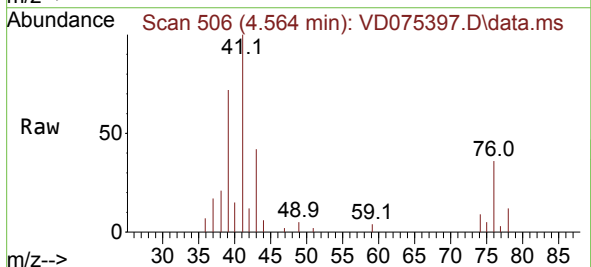
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

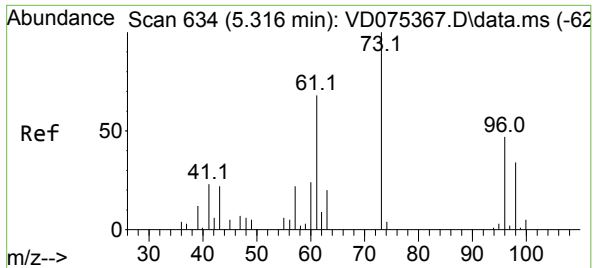
Tgt Ion: 76 Resp: 42177  
Ion Ratio Lower Upper  
76 100  
78 8.9 8.0 12.0



#18  
Methyl Acetate  
Concen: 20.008 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. -0.005 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 43 Resp: 8836  
Ion Ratio Lower Upper  
43 100  
74 20.7 17.8 26.6

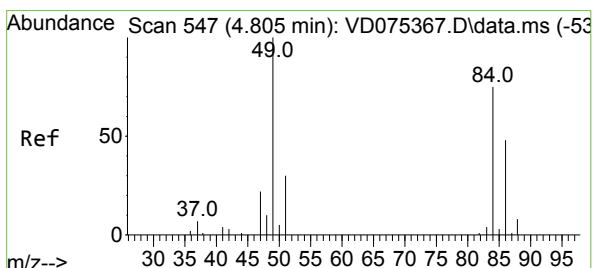
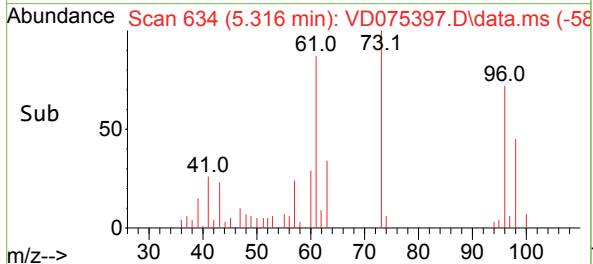
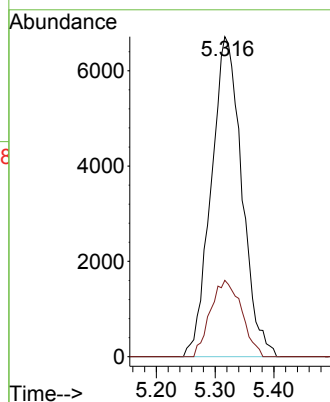
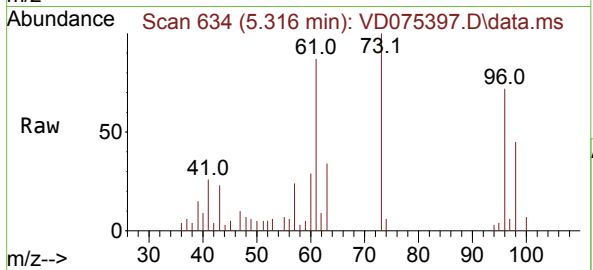




#19  
Methyl tert-butyl Ether  
Concen: 20.336 ug/l  
RT: 5.316 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

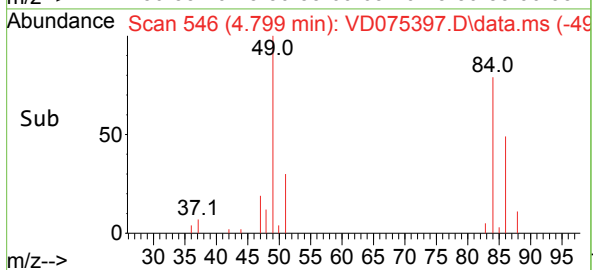
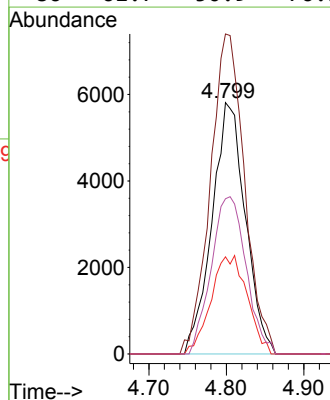
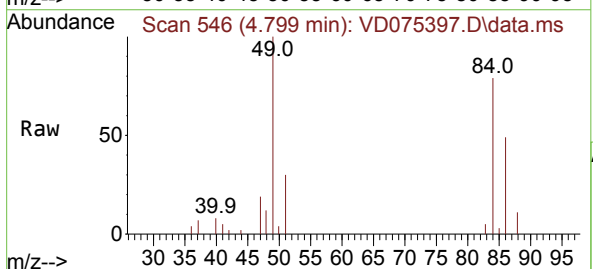
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

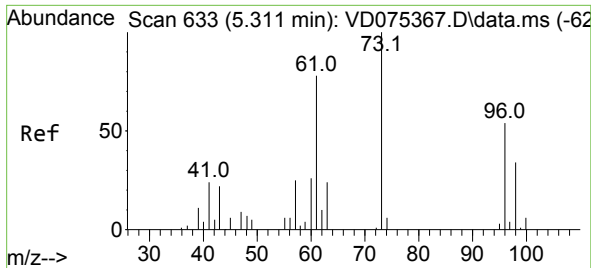
Tgt Ion: 73 Resp: 24297  
Ion Ratio Lower Upper  
73 100  
57 23.8 17.2 25.8



#20  
Methylene Chloride  
Concen: 22.276 ug/l  
RT: 4.799 min Scan# 546  
Delta R.T. -0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 84 Resp: 17425  
Ion Ratio Lower Upper  
84 100  
49 127.3 106.4 159.6  
51 38.6 32.4 48.6  
86 61.7 50.9 76.3

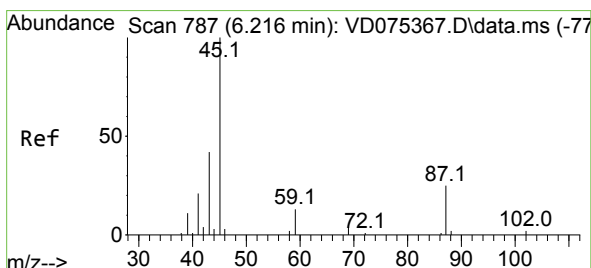
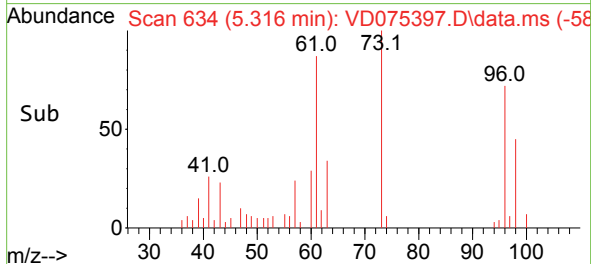
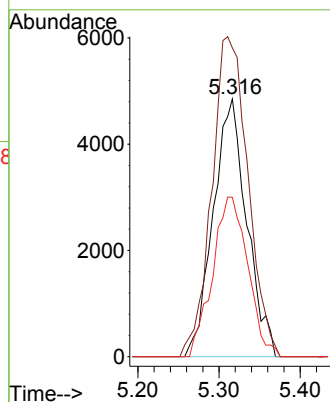
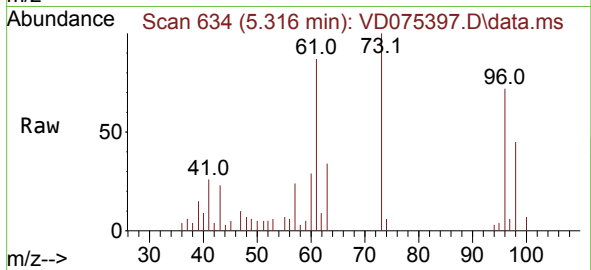




#21  
trans-1,2-Dichloroethene  
Concen: 21.110 ug/l  
RT: 5.316 min Scan# 611  
Delta R.T. 0.005 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

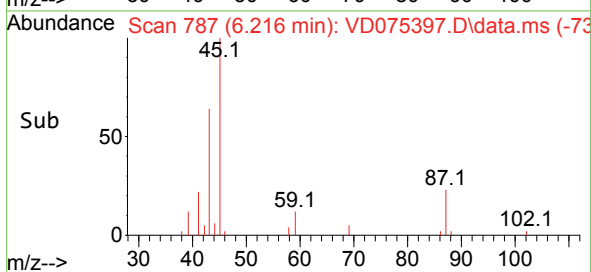
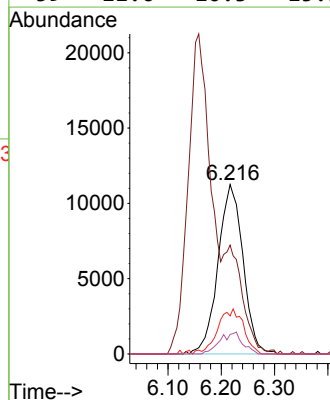
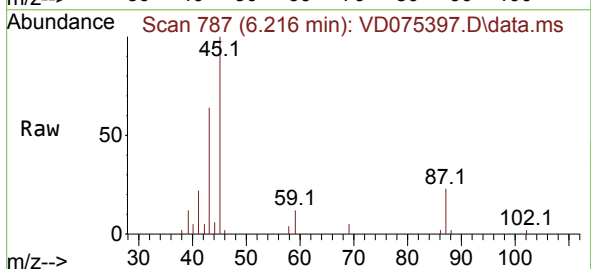
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

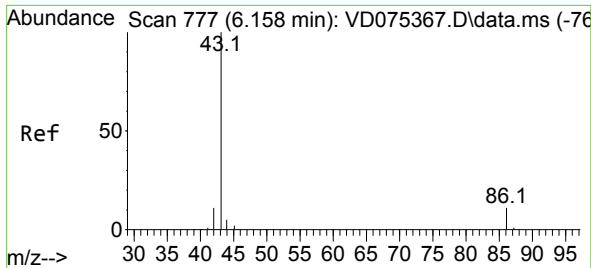
Tgt Ion: 96 Resp: 13925  
Ion Ratio Lower Upper  
96 100  
61 119.8 117.2 175.8  
98 61.8 50.6 76.0



#22  
Diisopropyl ether  
Concen: 20.605 ug/l  
RT: 6.216 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 45 Resp: 36728  
Ion Ratio Lower Upper  
45 100  
43 62.5 44.4 66.6  
87 22.5 20.9 31.3  
59 11.6 10.3 15.5

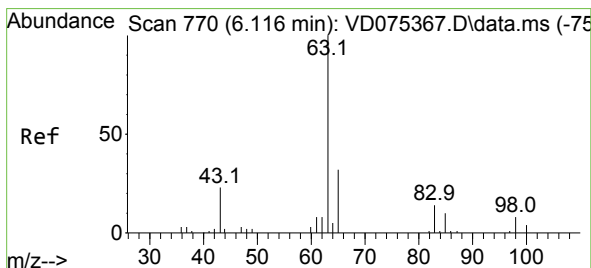
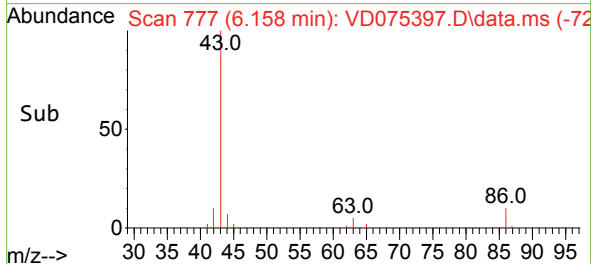
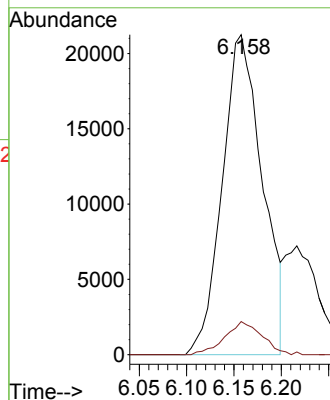
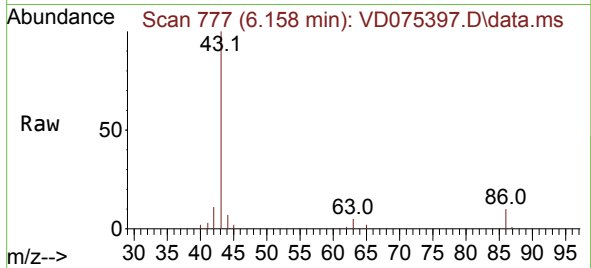




#23  
 Vinyl Acetate  
 Concen: 121.222 ug/l  
 RT: 6.158 min Scan# 777  
 Delta R.T. -0.000 min  
 Lab File: VD075397.D  
 Acq: 22 Feb 2023 13:17

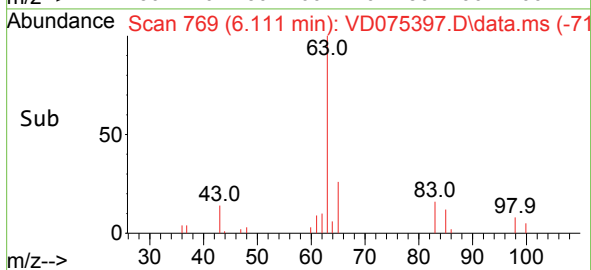
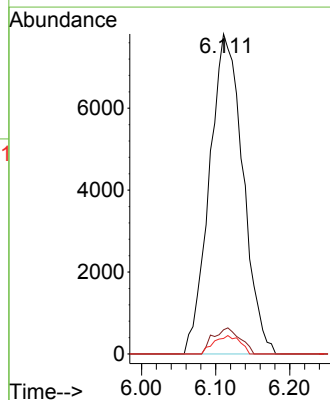
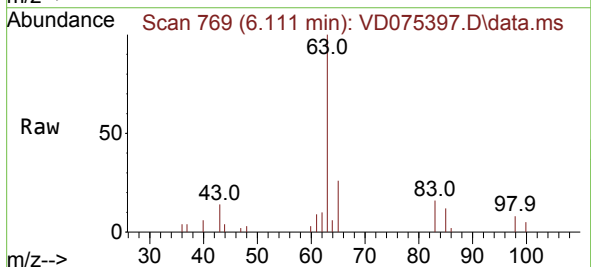
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0222SBS01

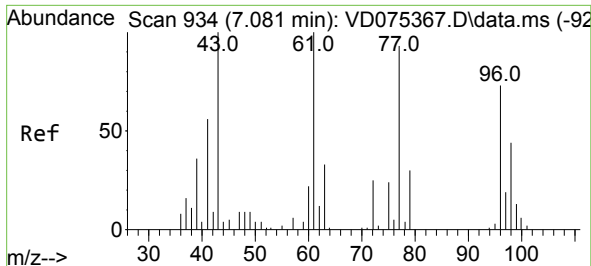
Tgt Ion: 43 Resp: 62683  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 9.0 13.6



#24  
 1,1-Dichloroethane  
 Concen: 20.945 ug/l  
 RT: 6.111 min Scan# 769  
 Delta R.T. -0.005 min  
 Lab File: VD075397.D  
 Acq: 22 Feb 2023 13:17

Tgt Ion: 63 Resp: 24517  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.9 11.7  
 100 4.9 2.0 6.0

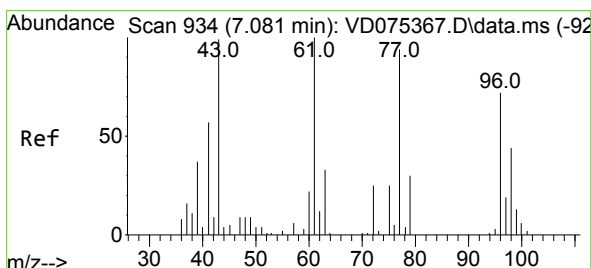
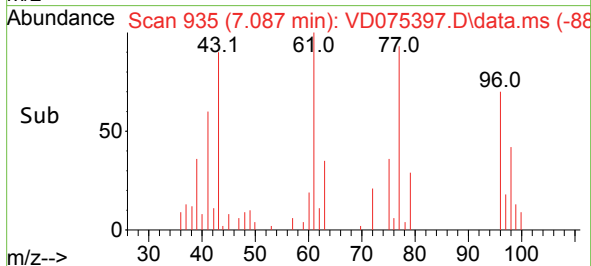
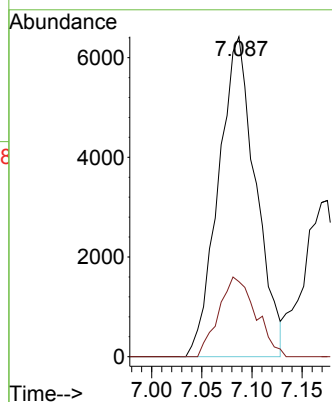
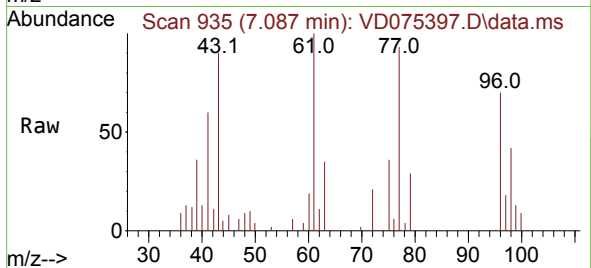




#25  
2-Butanone  
Concen: 94.424 ug/l  
RT: 7.087 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

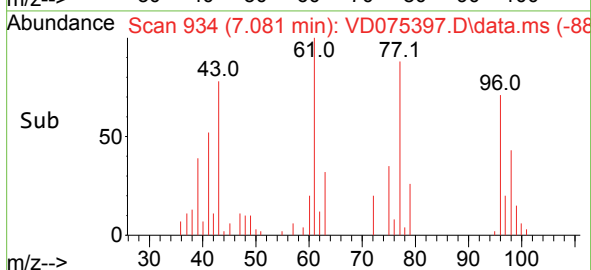
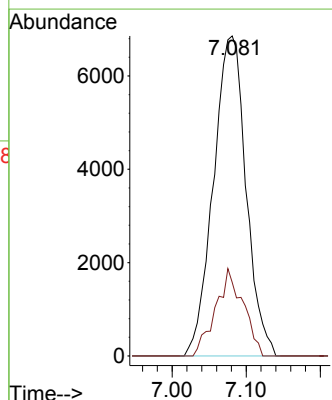
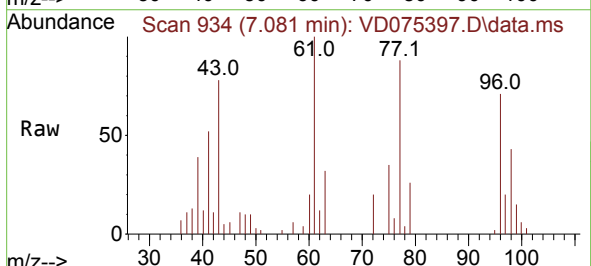
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

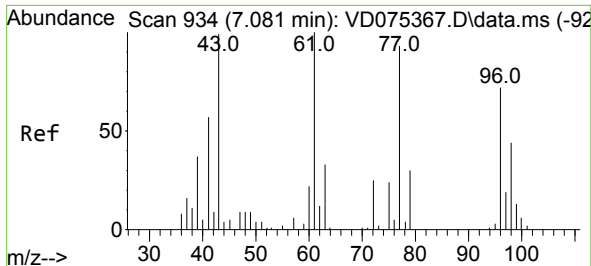
Tgt Ion: 43 Resp: 16595  
Ion Ratio Lower Upper  
43 100  
72 23.5 19.8 29.8



#26  
2,2-Dichloropropane  
Concen: 20.612 ug/l  
RT: 7.081 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 77 Resp: 20984  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.1 33.1

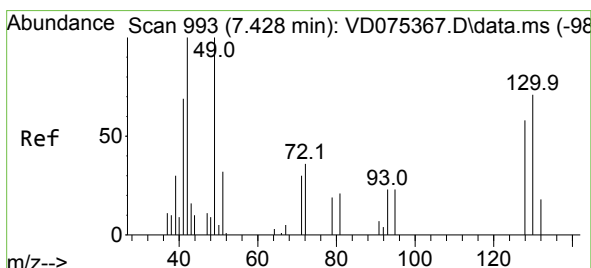
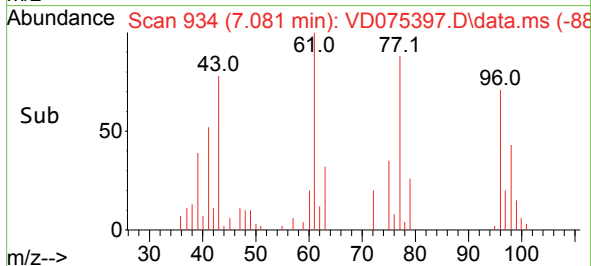
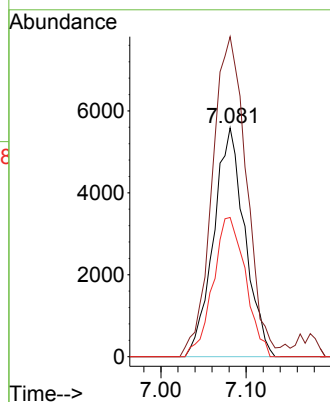
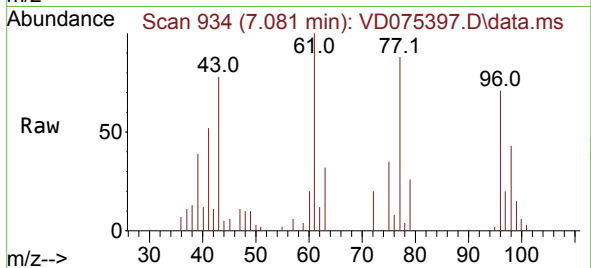




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.266 ug/l  
 RT: 7.081 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VD075397.D  
 Acq: 22 Feb 2023 13:17

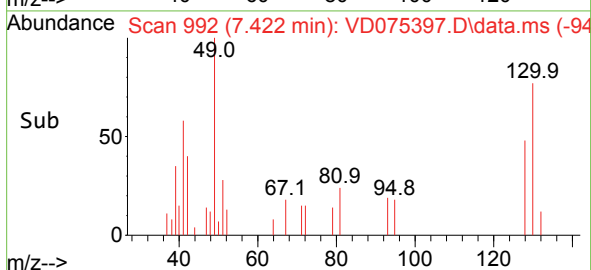
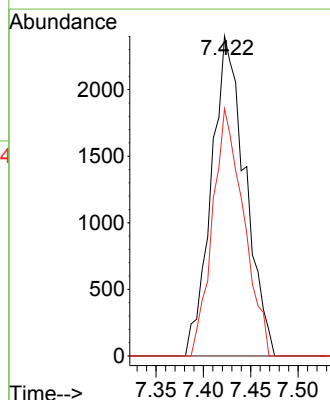
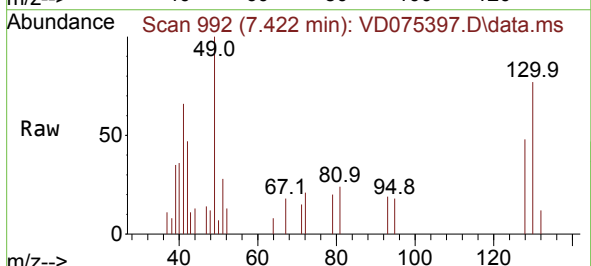
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0222SBS01

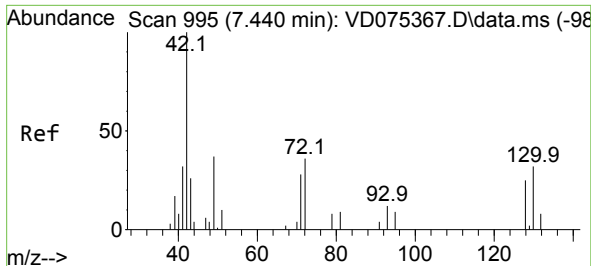
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 14221 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 153.8    | 0.0 295.2   |
| 98 63.4     | 0.0 129.2   |



#28  
 Bromochloromethane  
 Concen: 22.926 ug/l  
 RT: 7.422 min Scan# 992  
 Delta R.T. -0.006 min  
 Lab File: VD075397.D  
 Acq: 22 Feb 2023 13:17

|             |            |       |  |
|-------------|------------|-------|--|
| Tgt Ion: 49 | Resp: 5963 |       |  |
| Ion Ratio   | Lower      | Upper |  |
| 49 100      |            |       |  |
| 129 0.0     | 0.0        | 2.2   |  |
| 130 71.3    | 56.0       | 84.0  |  |

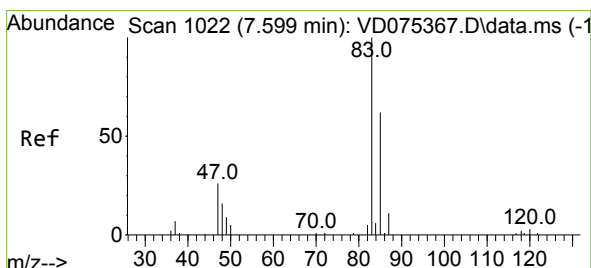
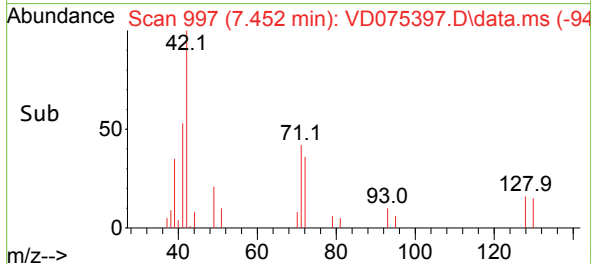
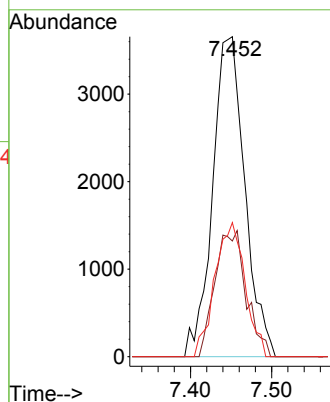
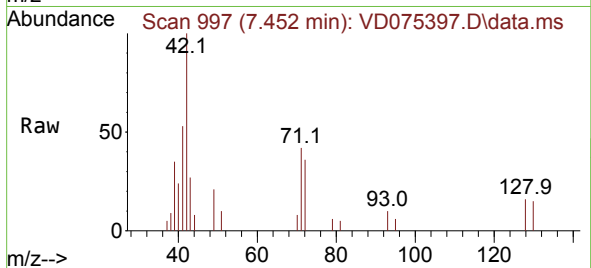




#29  
Tetrahydrofuran  
Concen: 101.770 ug/l  
RT: 7.452 min Scan# 995  
Delta R.T. 0.012 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

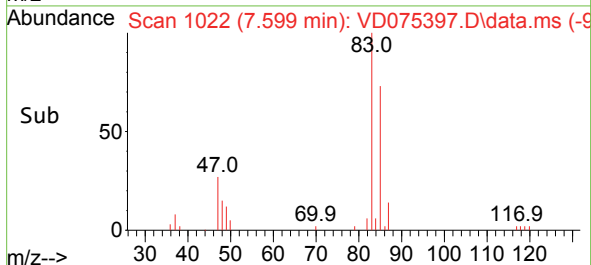
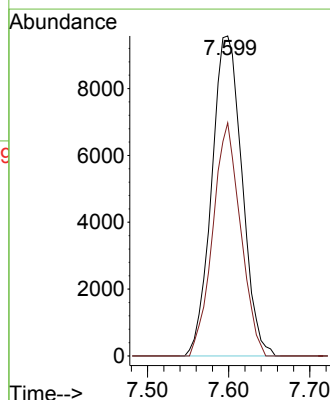
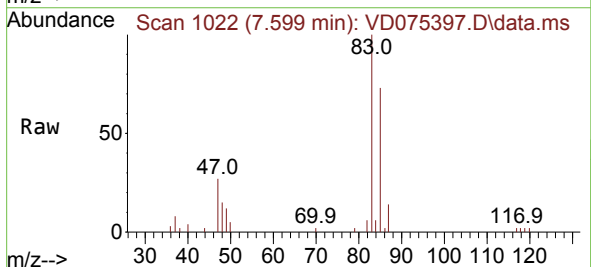
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

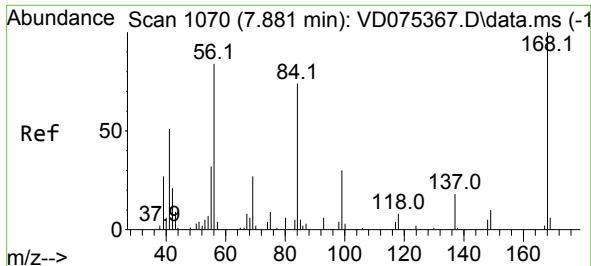
|             |                |
|-------------|----------------|
| Tgt Ion: 42 | Resp: 10088    |
| Ion Ratio   | Lower Upper    |
| 42          | 100            |
| 72          | 38.1 31.8 47.6 |
| 71          | 39.1 27.6 41.4 |



#30  
Chloroform  
Concen: 21.137 ug/l  
RT: 7.599 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 24846    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 85          | 72.9 49.4 74.2 |

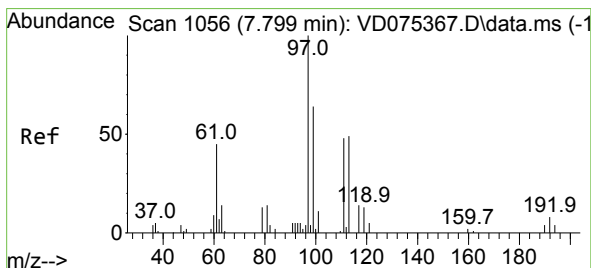
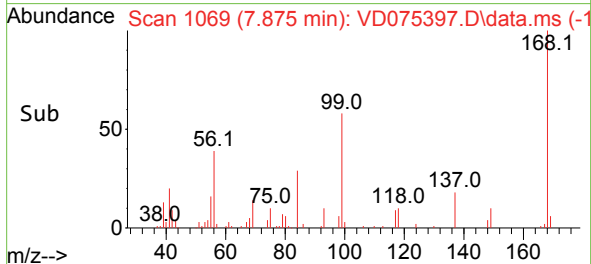
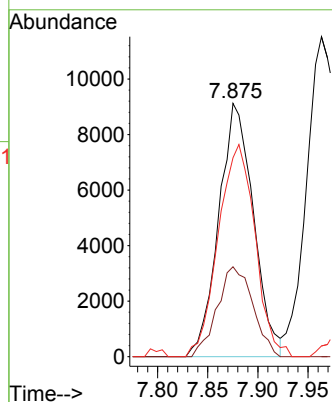
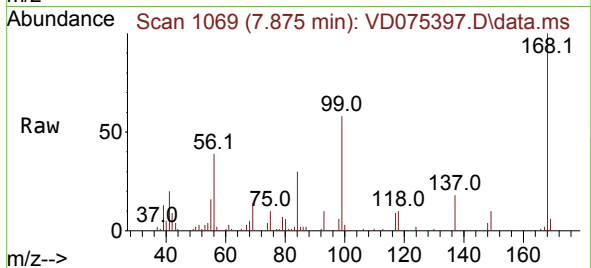




#31  
Cyclohexane  
Concen: 19.873 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

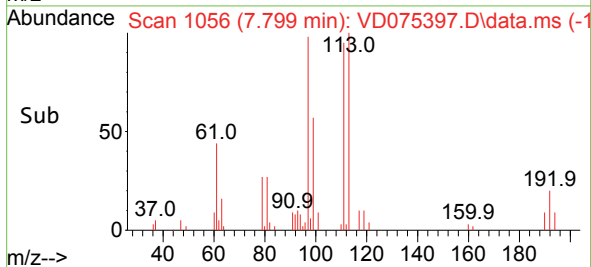
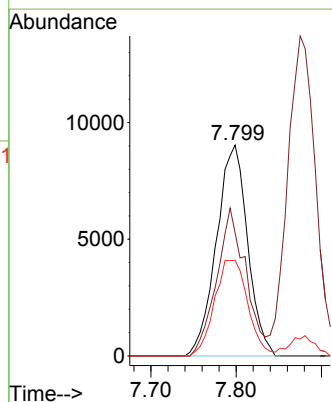
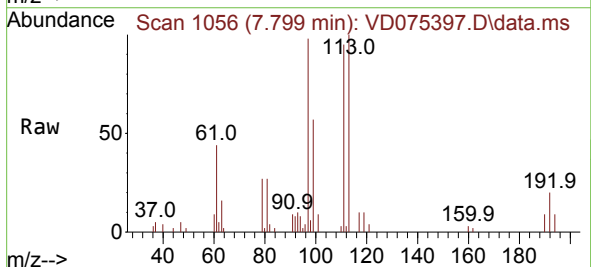
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

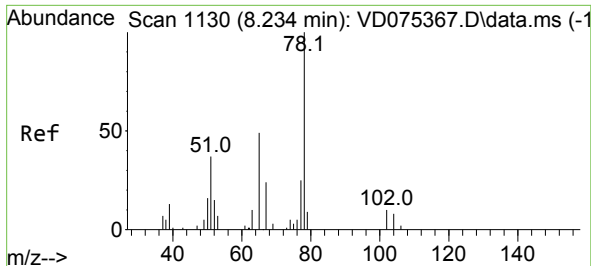
Tgt Ion: 56 Resp: 21963  
Ion Ratio Lower Upper  
56 100  
69 35.5 25.5 38.3  
84 78.5 69.6 104.4



#32  
1,1,1-Trichloroethane  
Concen: 21.214 ug/l  
RT: 7.799 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 97 Resp: 22954  
Ion Ratio Lower Upper  
97 100  
99 65.4 50.5 75.7  
61 48.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 53.126 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

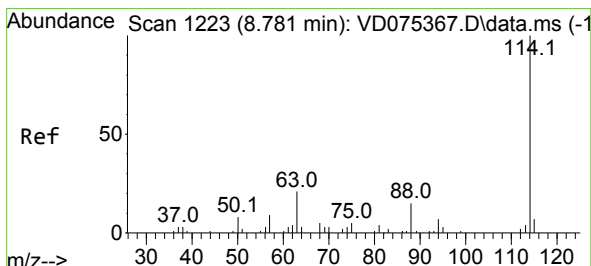
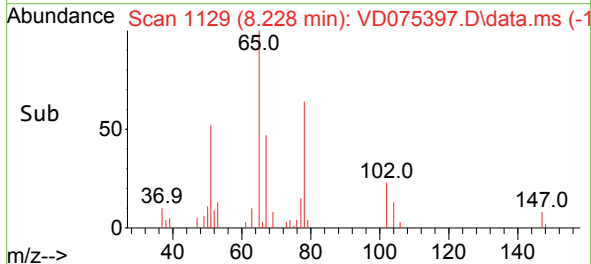
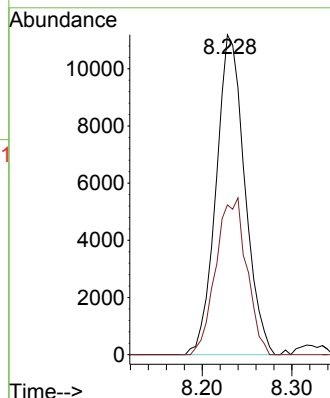
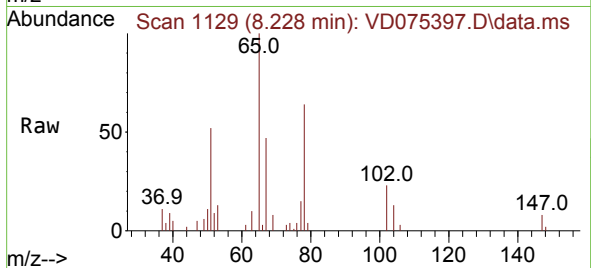
VD0222SBS01

Tgt Ion: 65 Resp: 24816

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

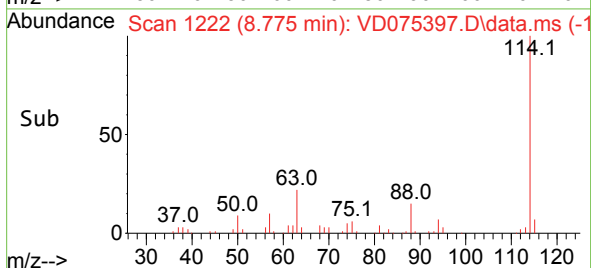
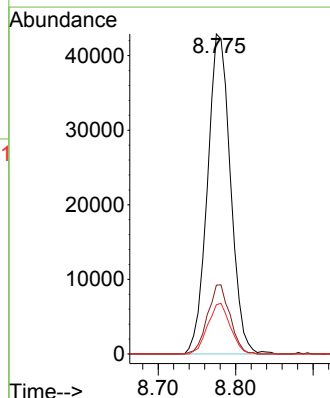
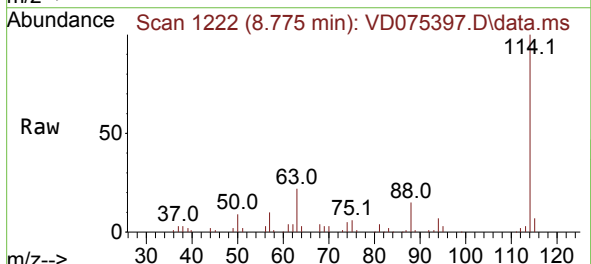
Tgt Ion: 114 Resp: 88461

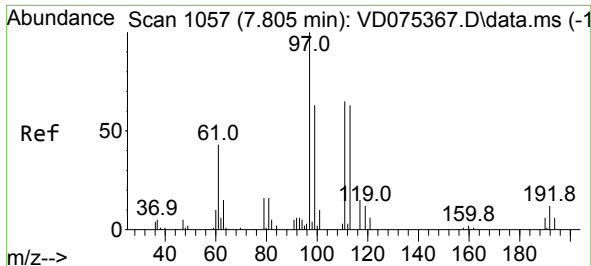
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.6

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.596 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

VD0222SBS01

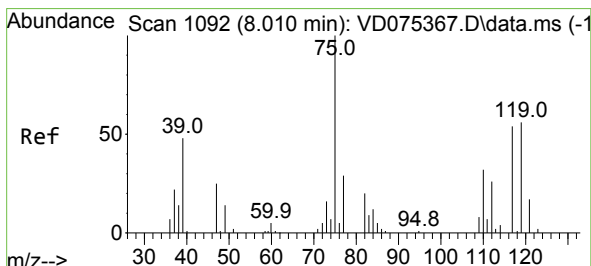
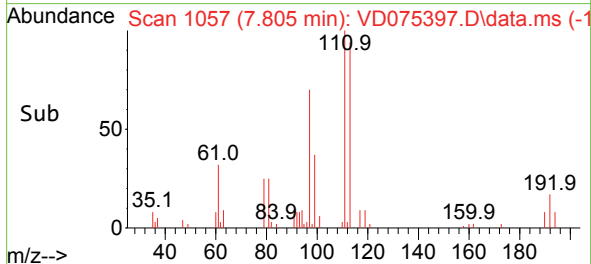
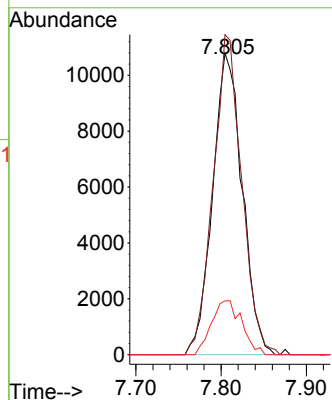
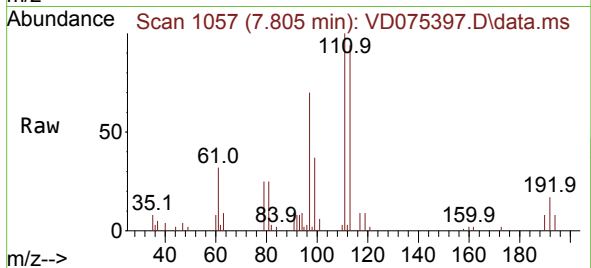
Tgt Ion:113 Resp: 26045

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 20.764 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.005 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

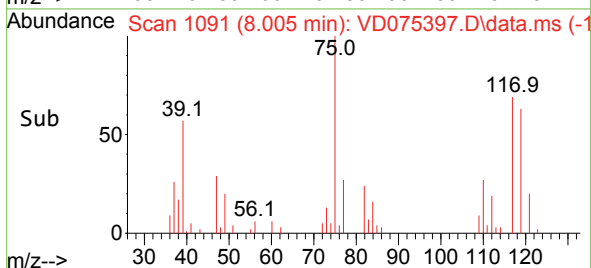
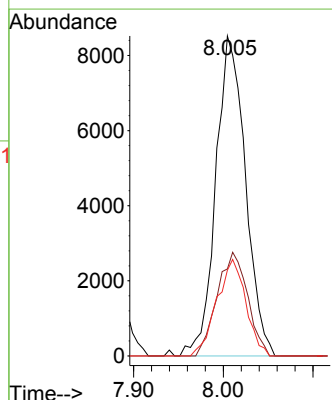
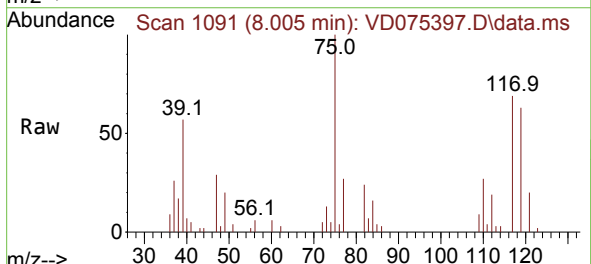
Tgt Ion: 75 Resp: 19544

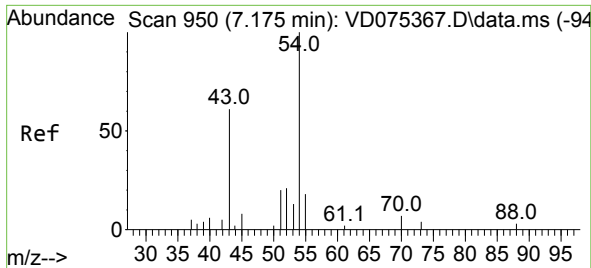
Ion Ratio Lower Upper

75 100

110 33.3 17.1 51.2

77 29.6 24.6 36.8

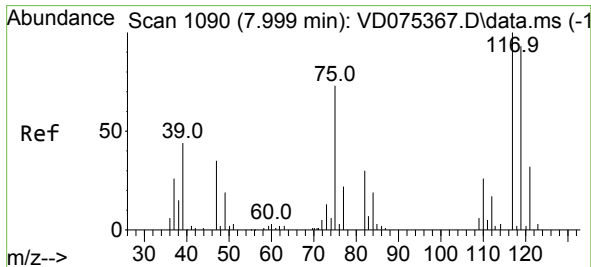
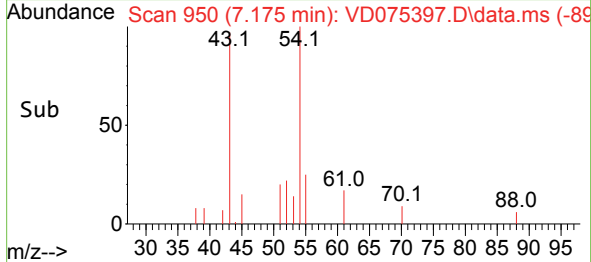
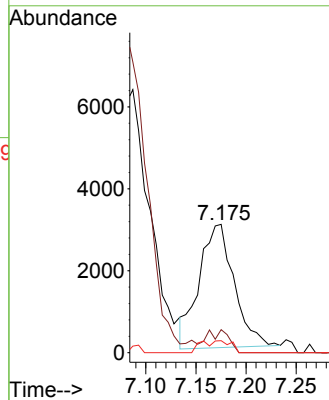
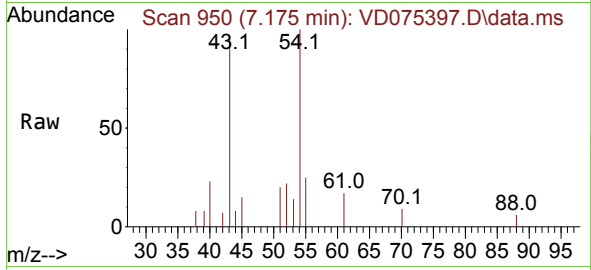




#37  
Ethyl Acetate  
Concen: 19.888 ug/l  
RT: 7.175 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

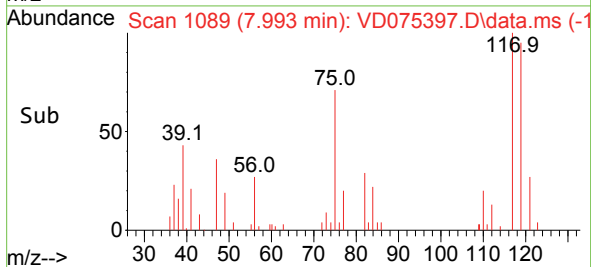
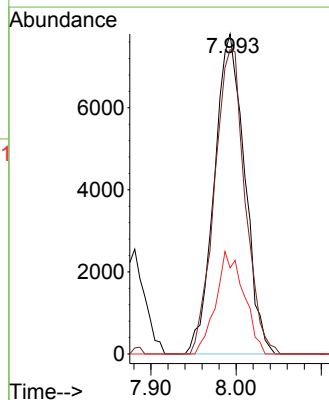
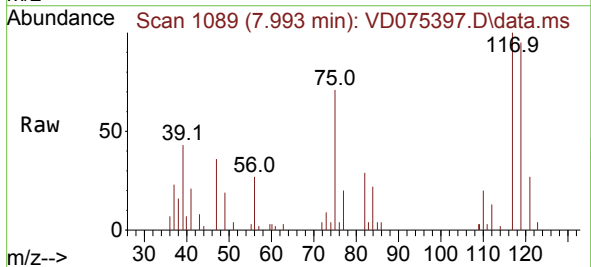
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

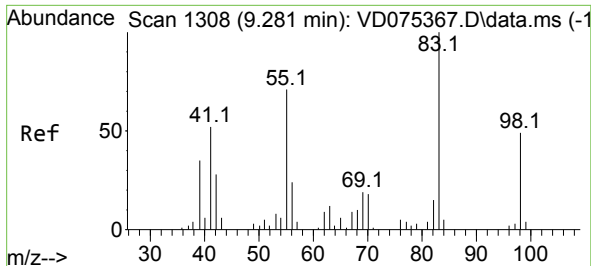
Tgt Ion: 43 Resp: 7326  
Ion Ratio Lower Upper  
43 100  
61 11.4 0.0 0.0#  
70 5.0 5.6 8.4#



#38  
Carbon Tetrachloride  
Concen: 20.448 ug/l  
RT: 7.993 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 117 Resp: 19284  
Ion Ratio Lower Upper  
117 100  
119 95.1 74.7 112.1  
121 26.9 25.9 38.9





#39

Methylcyclohexane

Concen: 19.488 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.006 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

VD0222SBS01

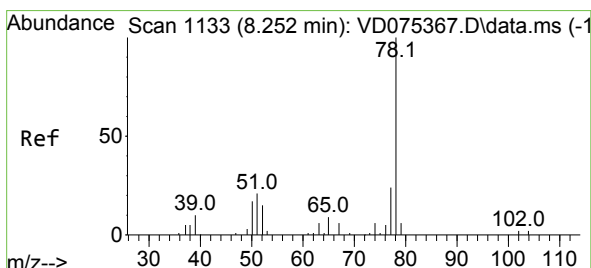
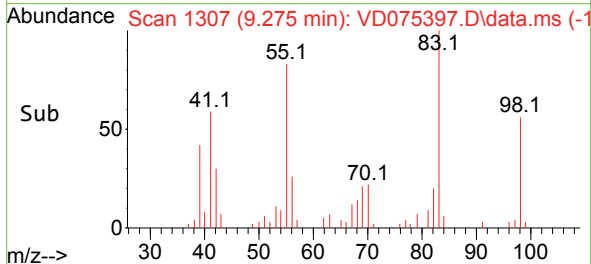
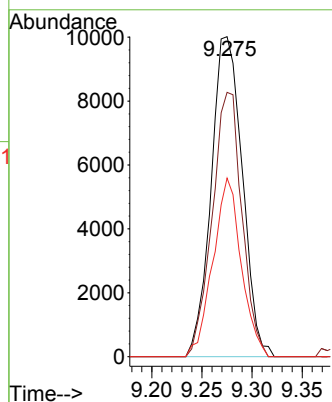
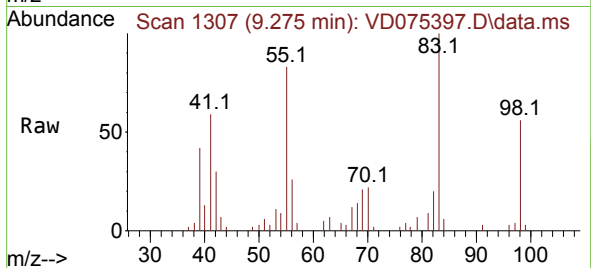
Tgt Ion: 83 Resp: 21620

Ion Ratio Lower Upper

83 100

55 82.6 56.8 85.2

98 55.8 38.9 58.3



#40

Benzene

Concen: 21.213 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075397.D

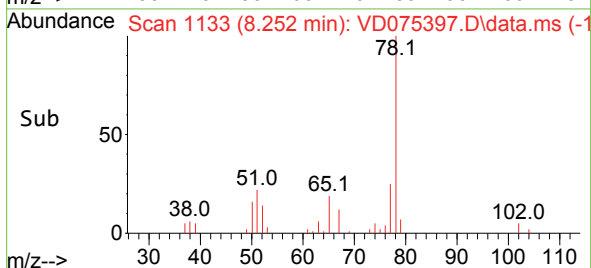
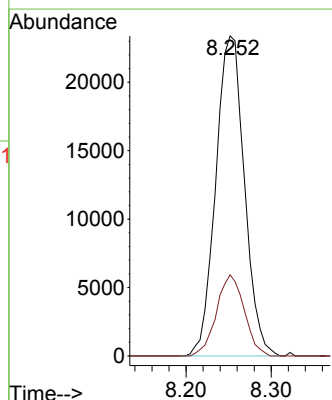
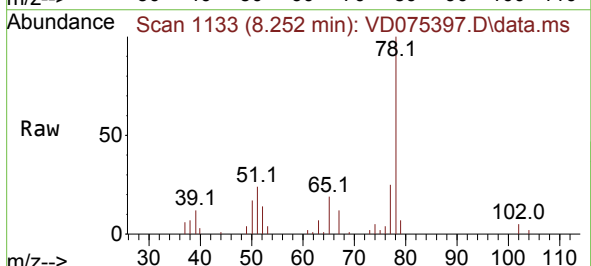
Acq: 22 Feb 2023 13:17

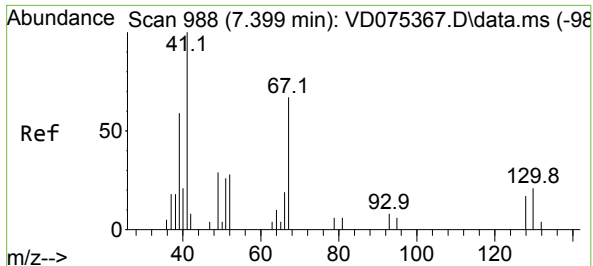
Tgt Ion: 78 Resp: 54658

Ion Ratio Lower Upper

78 100

77 25.4 19.1 28.7



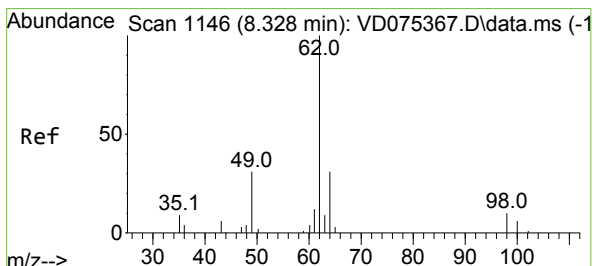
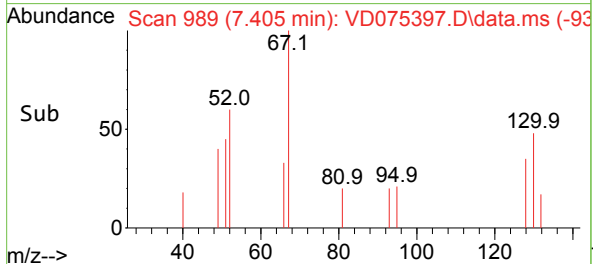
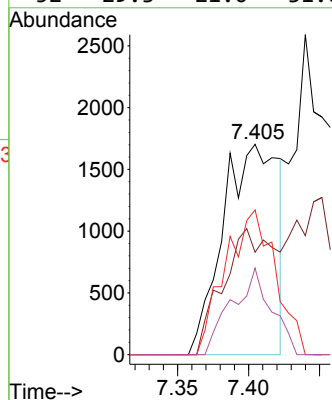
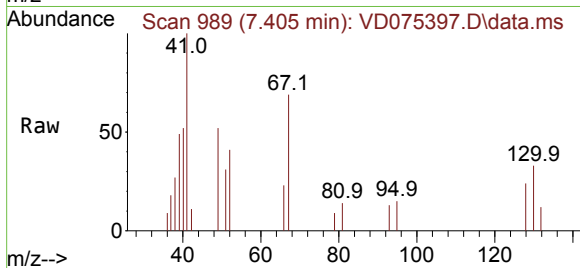


#41  
Methacrylonitrile  
Concen: 21.845 ug/l  
RT: 7.405 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

Tgt Ion: 41 Resp: 4615

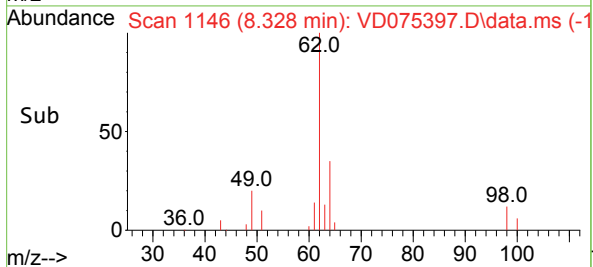
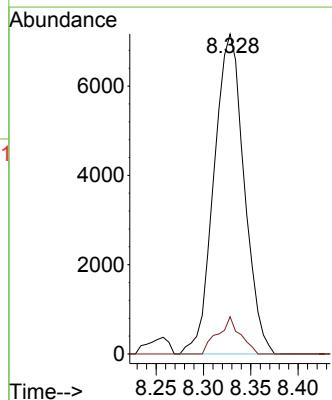
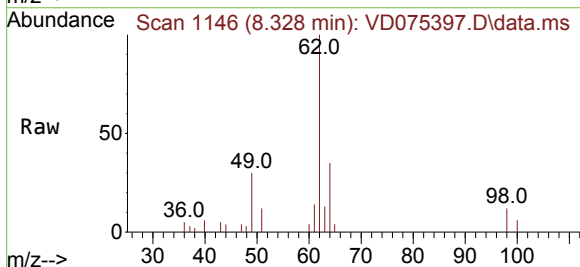
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.3  | 45.3  | 67.9  |
| 67  | 62.2  | 50.5  | 75.7  |
| 52  | 29.3  | 21.0  | 31.6  |

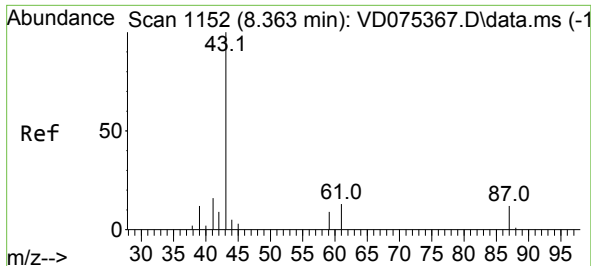


#42  
1,2-Dichloroethane  
Concen: 22.089 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 62 Resp: 15892

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 0.0   | 18.8  |

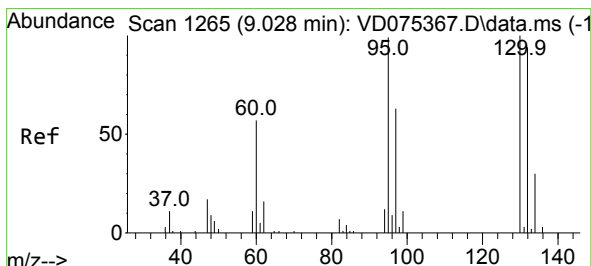
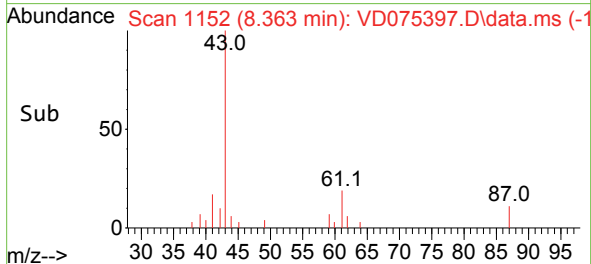
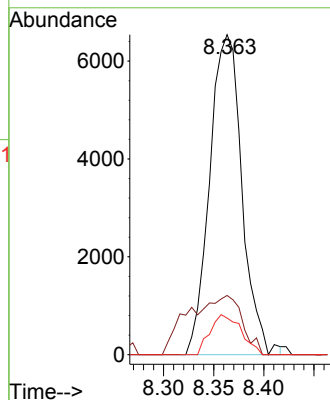
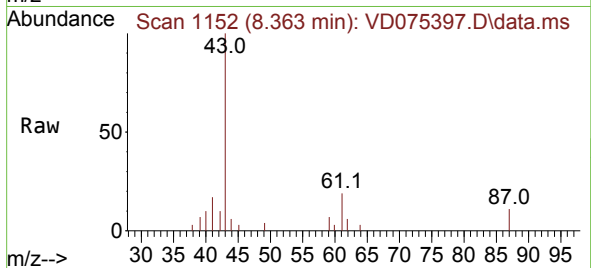




#43  
Isopropyl Acetate  
Concen: 21.139 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

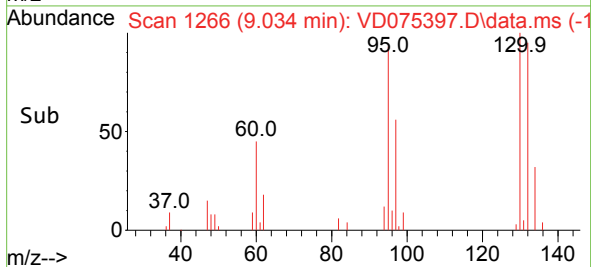
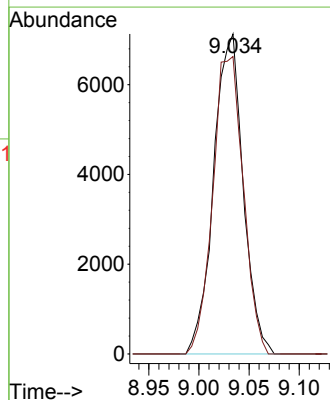
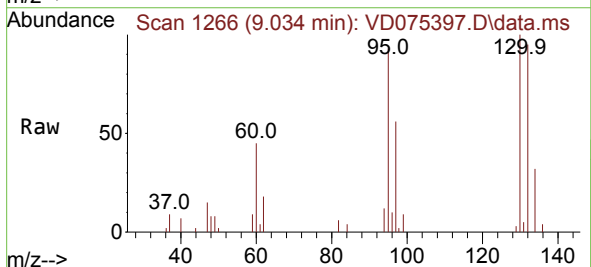
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

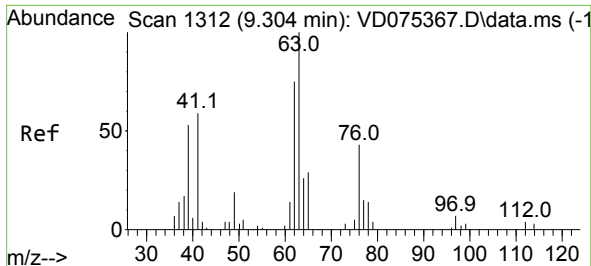
Tgt Ion: 43 Resp: 14631  
Ion Ratio Lower Upper  
43 100  
61 30.8 23.4 35.0  
87 12.0 9.5 14.3



#44  
Trichloroethene  
Concen: 21.090 ug/l  
RT: 9.034 min Scan# 1266  
Delta R.T. 0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion:130 Resp: 14558  
Ion Ratio Lower Upper  
130 100  
95 92.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 22.416 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

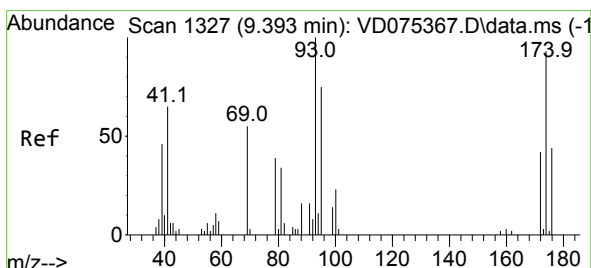
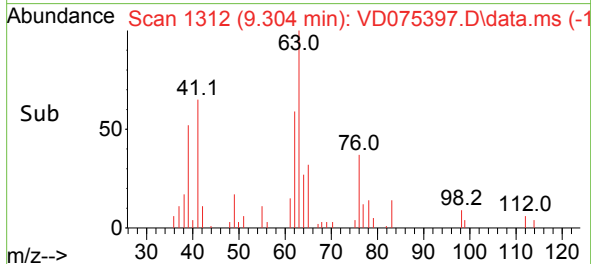
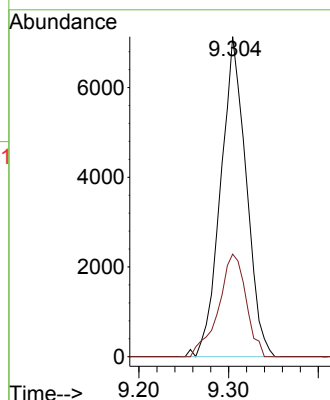
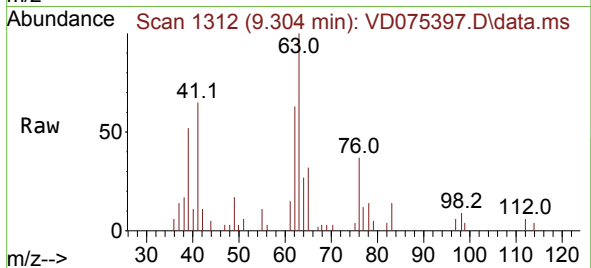
VD0222SBS01

Tgt Ion: 63 Resp: 14085

Ion Ratio Lower Upper

63 100

65 32.1 23.0 34.4



#46

Dibromomethane

Concen: 21.287 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

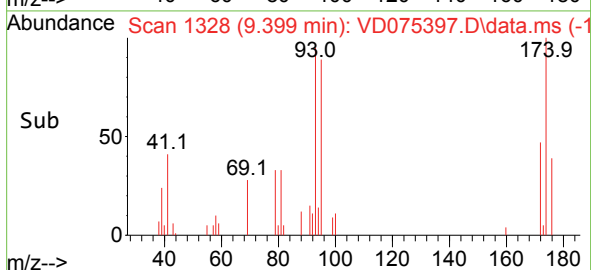
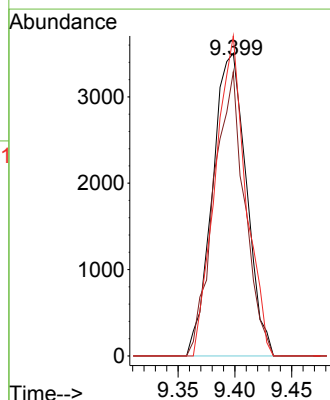
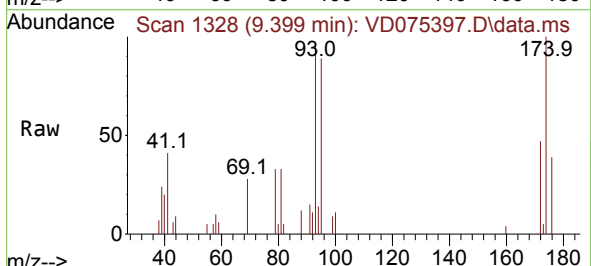
Tgt Ion: 93 Resp: 7283

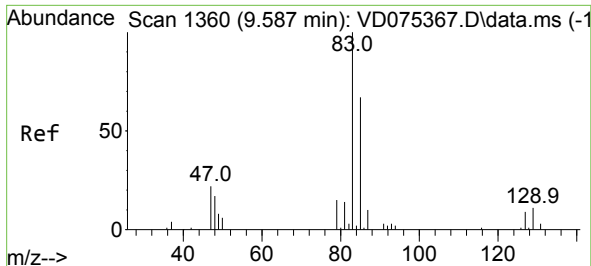
Ion Ratio Lower Upper

93 100

95 85.6 64.5 96.7

174 95.3 76.2 114.4





#47

Bromodichloromethane

Concen: 21.305 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

VD0222SBS01

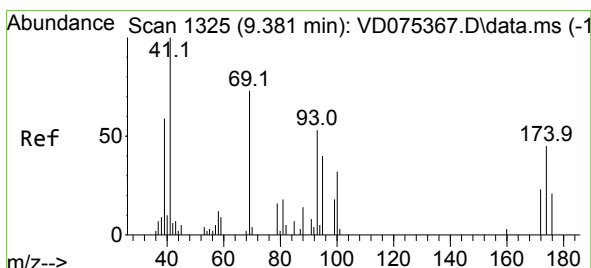
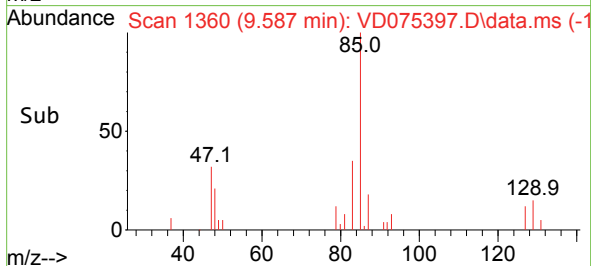
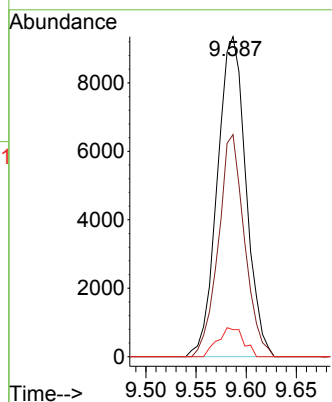
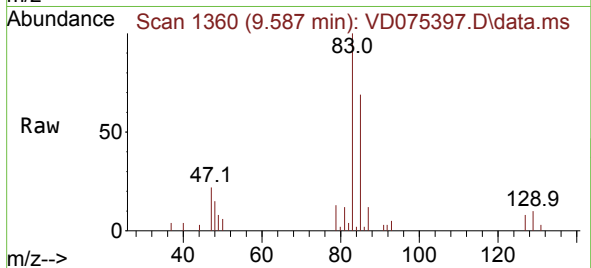
Tgt Ion: 83 Resp: 18549

Ion Ratio Lower Upper

83 100

85 69.4 53.7 80.5

127 8.4 7.0 10.6



#48

Methyl methacrylate

Concen: 19.627 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

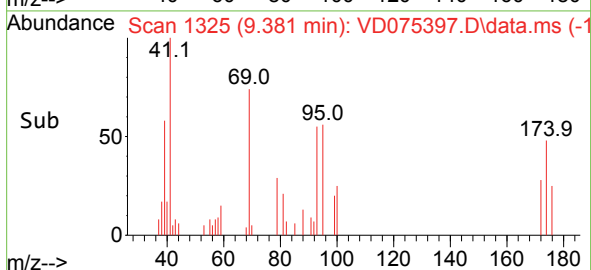
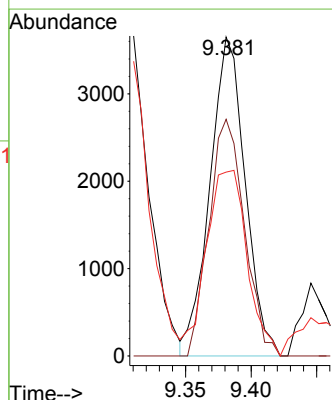
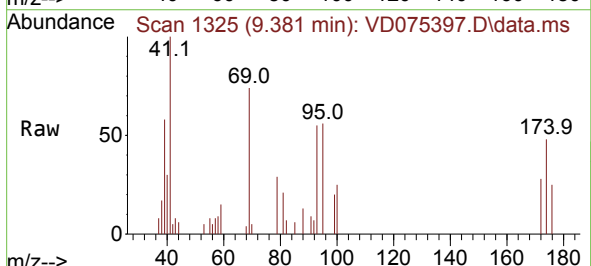
Tgt Ion: 41 Resp: 6829

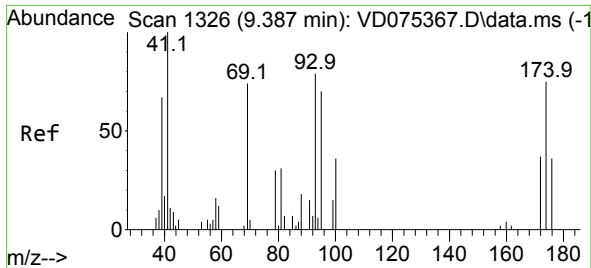
Ion Ratio Lower Upper

41 100

69 74.7 58.6 88.0

39 67.5 53.4 80.0





#49

1,4-Dioxane

Concen: 371.770 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

VD0222SBS01

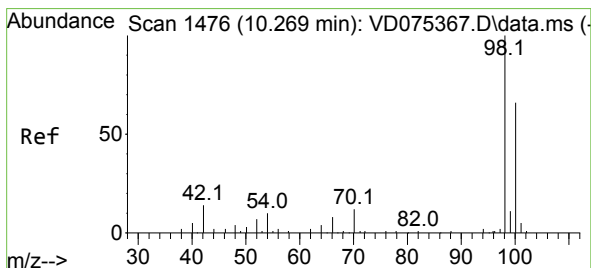
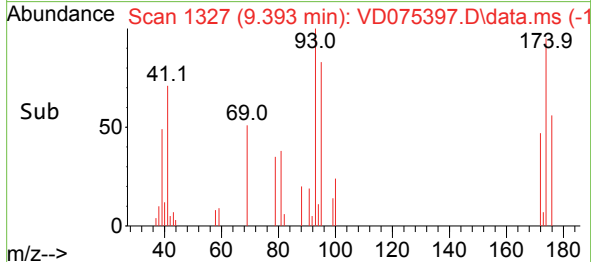
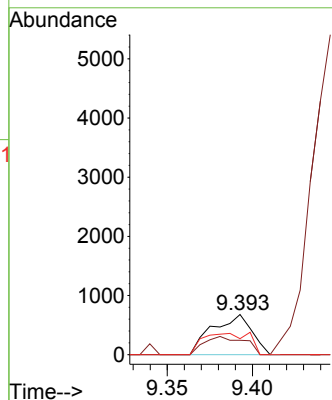
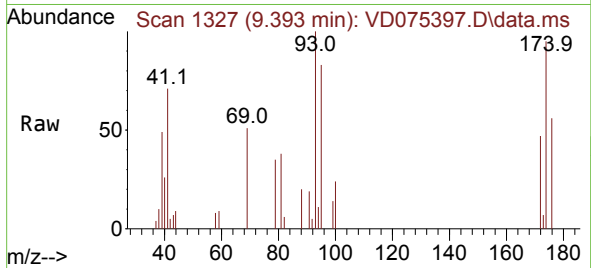
Tgt Ion: 88 Resp: 1090

Ion Ratio Lower Upper

88 100

43 47.0 34.6 51.8

58 63.3 58.0 87.0



#50

Toluene-d8

Concen: 45.385 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075397.D

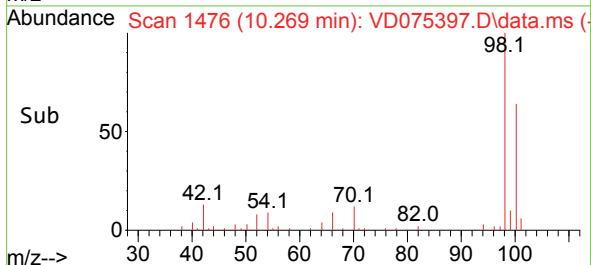
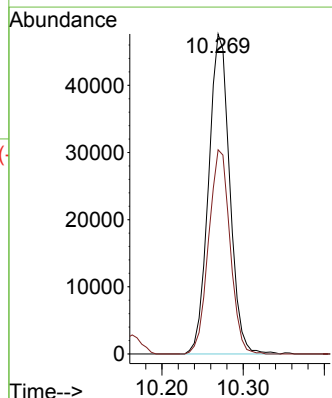
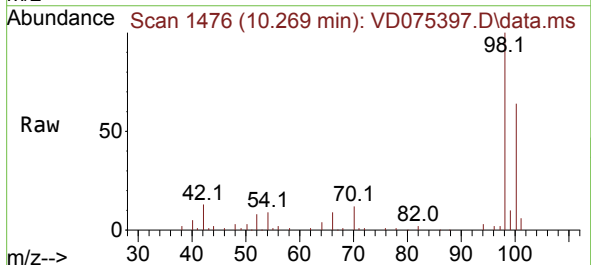
Acq: 22 Feb 2023 13:17

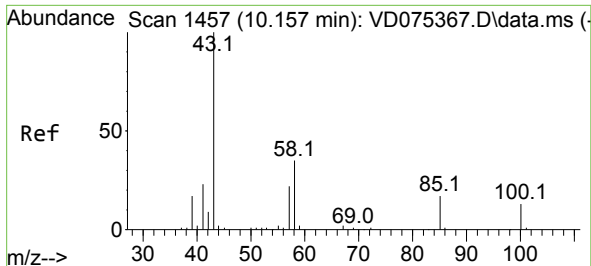
Tgt Ion: 98 Resp: 86014

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

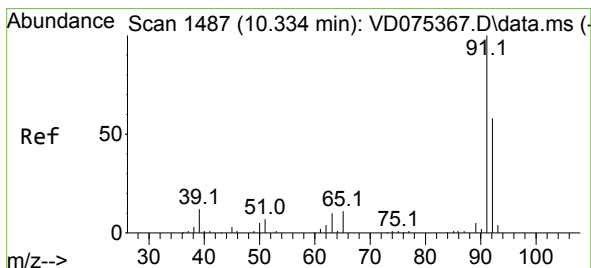
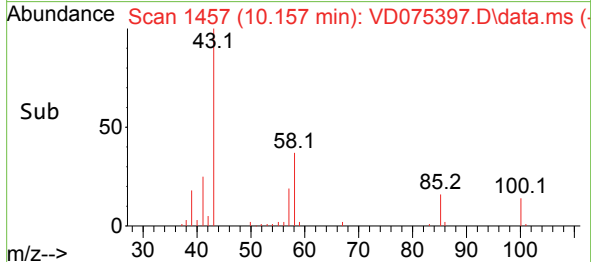
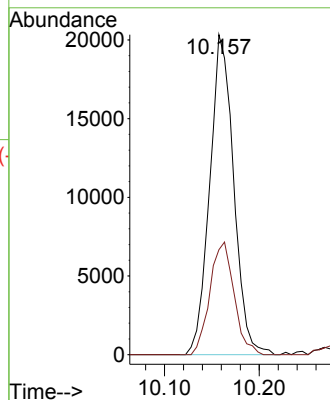
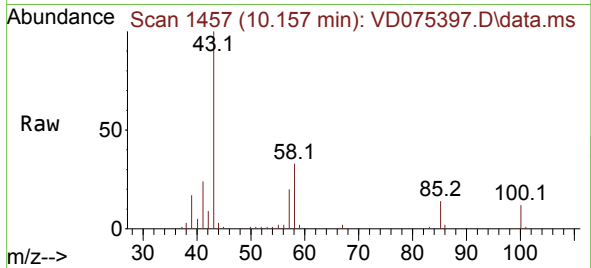




#51  
4-Methyl-2-Pentanone  
Concen: 101.802 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

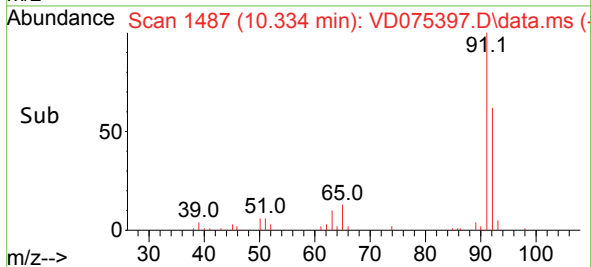
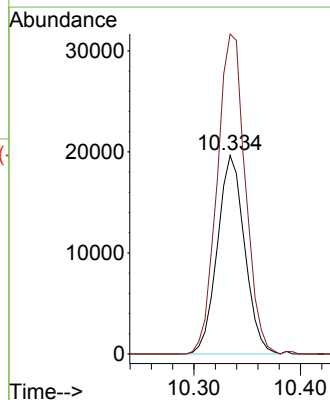
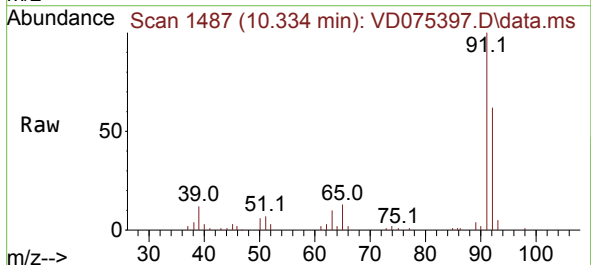
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

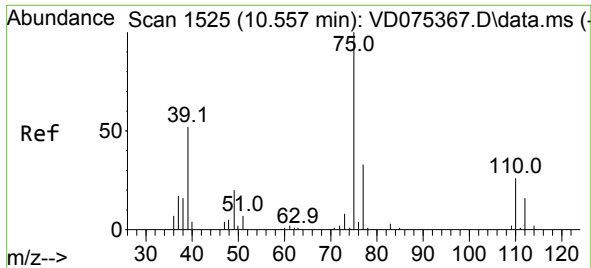
Tgt Ion: 43 Resp: 35684  
Ion Ratio Lower Upper  
43 100  
58 35.6 29.5 44.3



#52  
Toluene  
Concen: 21.976 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 92 Resp: 34863  
Ion Ratio Lower Upper  
92 100  
91 166.9 136.5 204.7

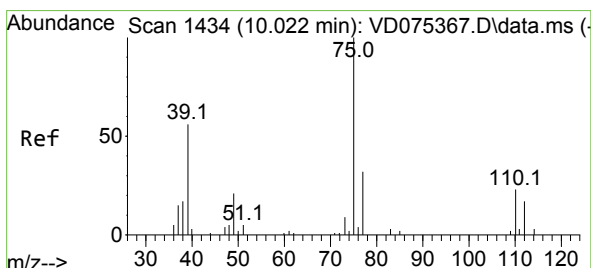
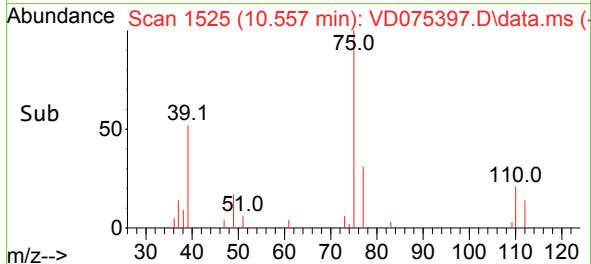
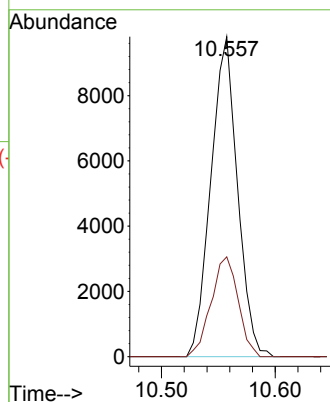
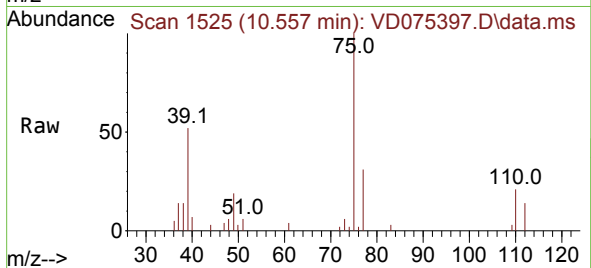




#53  
 t-1,3-Dichloropropene  
 Concen: 22.367 ug/l  
 RT: 10.557 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VD075397.D  
 Acq: 22 Feb 2023 13:17

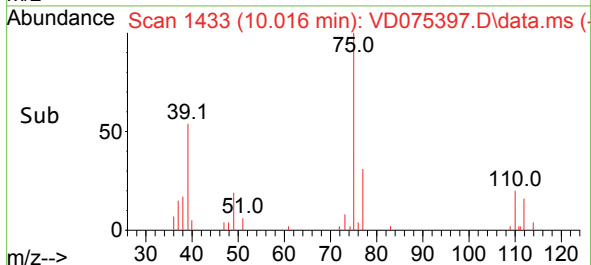
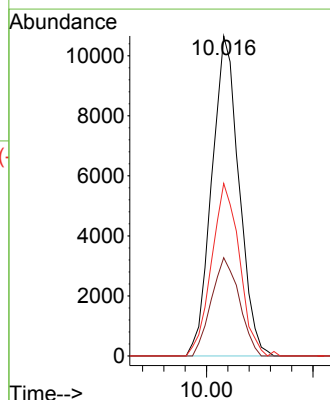
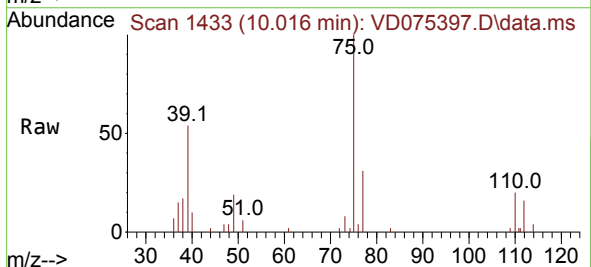
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0222SBS01

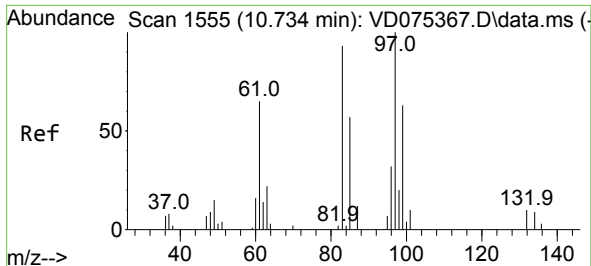
Tgt Ion: 75 Resp: 15943  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 26.3 39.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.848 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. -0.006 min  
 Lab File: VD075397.D  
 Acq: 22 Feb 2023 13:17

Tgt Ion: 75 Resp: 18880  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.6 38.4  
 39 53.9 44.8 67.2

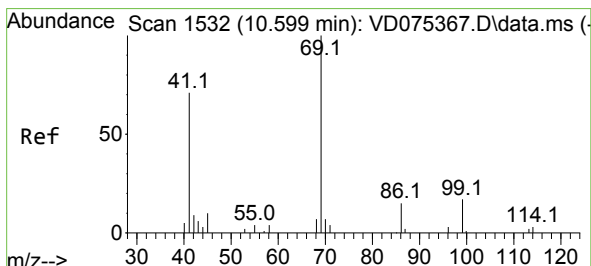
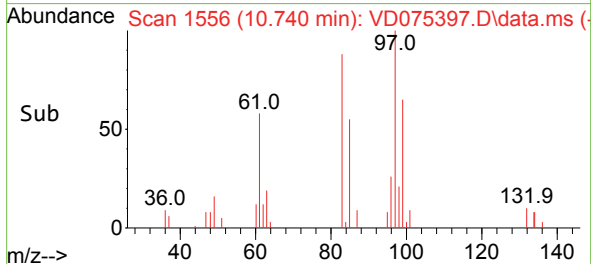
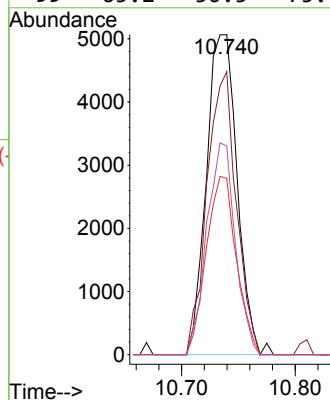
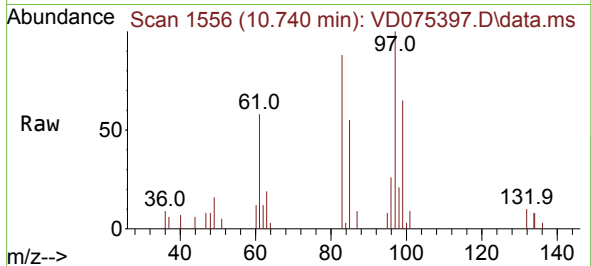




#55  
1,1,2-Trichloroethane  
Concen: 21.523 ug/l  
RT: 10.740 min Scan# 1555  
Delta R.T. 0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

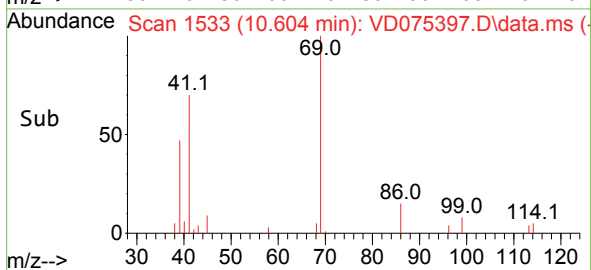
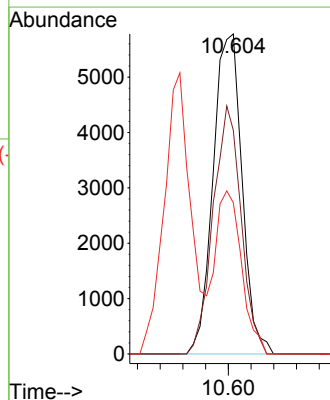
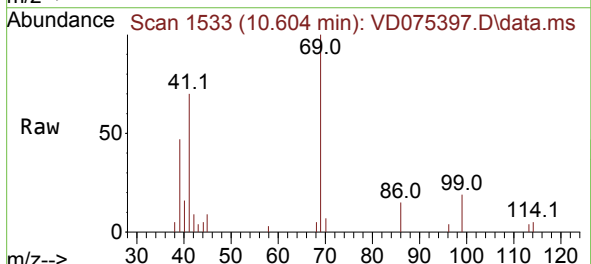
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

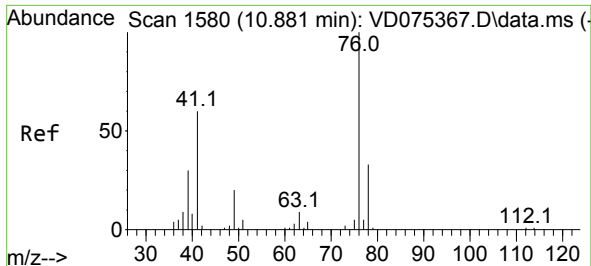
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 9540  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 88.4     | 74.2 111.4  |
| 85 55.1     | 45.4 68.0   |
| 99 65.2     | 50.5 75.7   |



#56  
Ethyl methacrylate  
Concen: 20.710 ug/l  
RT: 10.604 min Scan# 1533  
Delta R.T. 0.005 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 10215 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 74.9     | 59.3 88.9   |
| 39 45.9     | 36.0 54.0   |





#57

1,3-Dichloropropane

Concen: 21.313 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

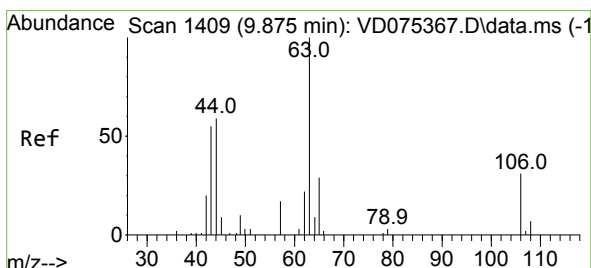
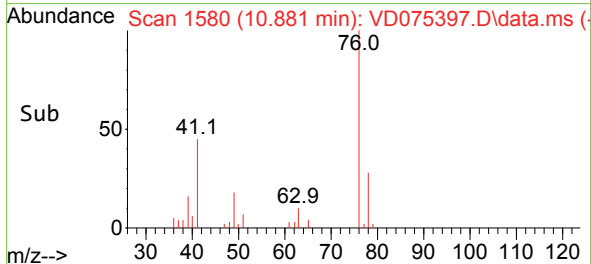
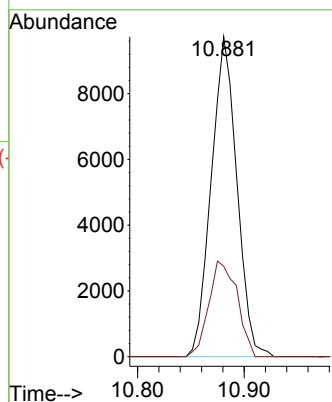
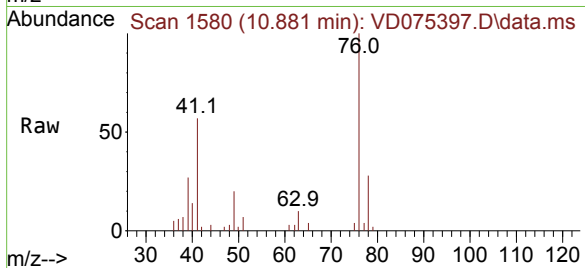
VD0222SBS01

Tgt Ion: 76 Resp: 16271

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 128.771 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.000 min

Lab File: VD075397.D

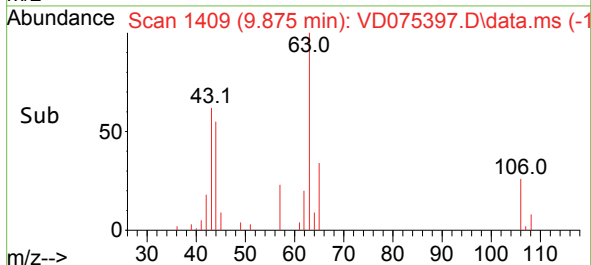
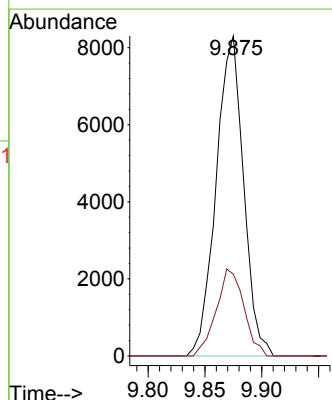
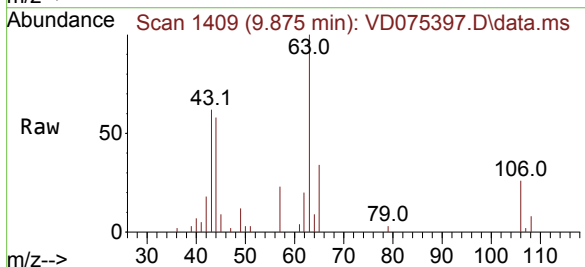
Acq: 22 Feb 2023 13:17

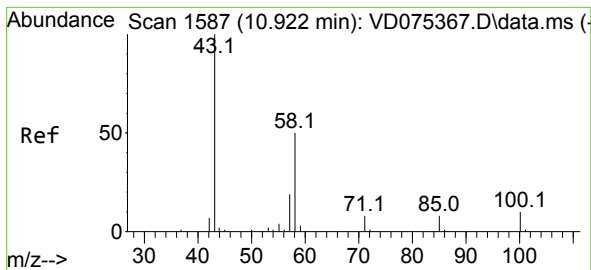
Tgt Ion: 63 Resp: 13926

Ion Ratio Lower Upper

63 100

106 27.4 21.4 32.2

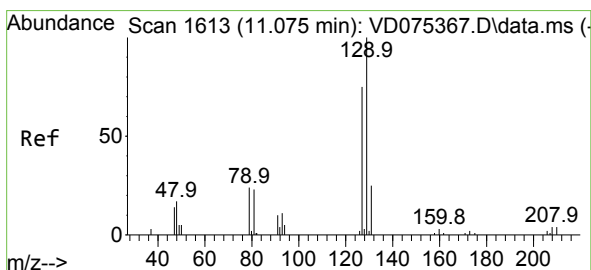
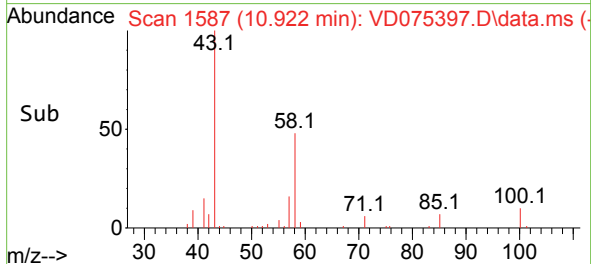
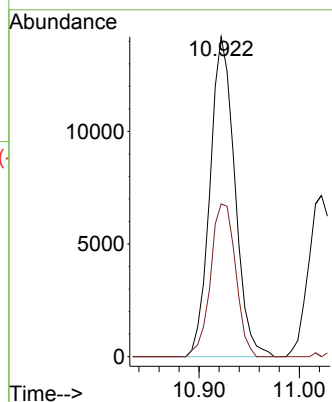
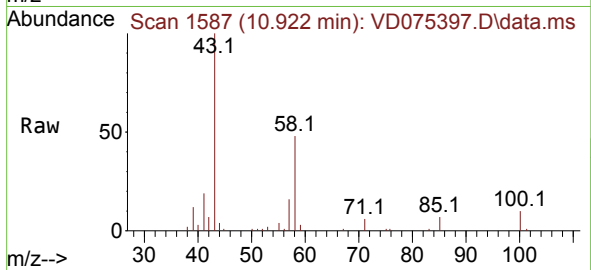




#59  
2-Hexanone  
Concen: 98.634 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

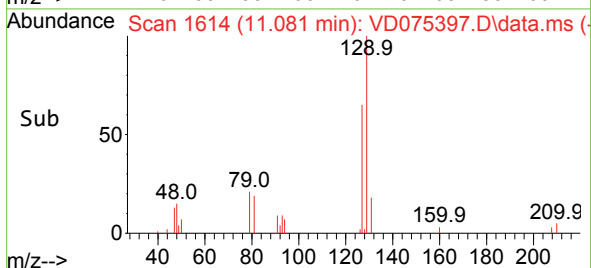
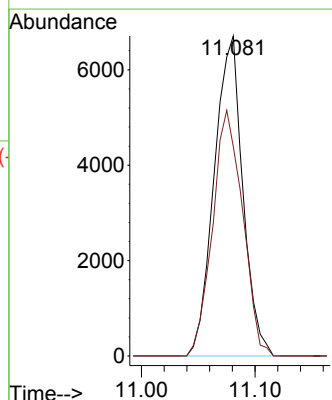
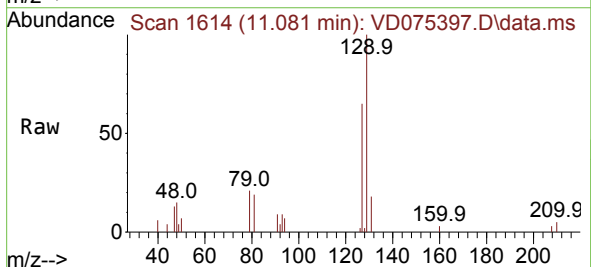
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

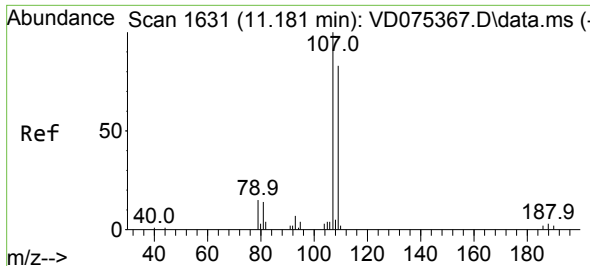
Tgt Ion: 43 Resp: 24397  
Ion Ratio Lower Upper  
43 100  
58 48.2 25.3 75.8



#60  
Dibromochloromethane  
Concen: 20.708 ug/l  
RT: 11.081 min Scan# 1614  
Delta R.T. 0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 129 Resp: 11735  
Ion Ratio Lower Upper  
129 100  
127 80.5 38.1 114.5

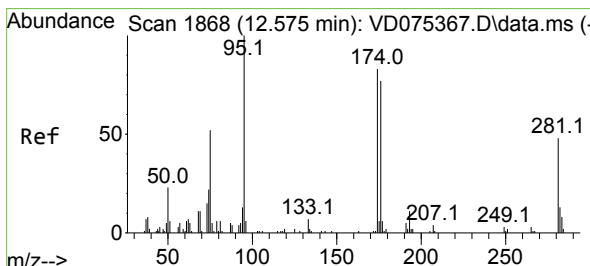
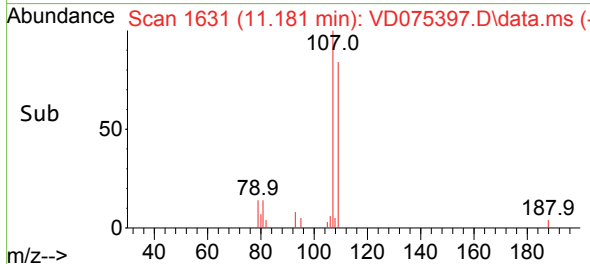
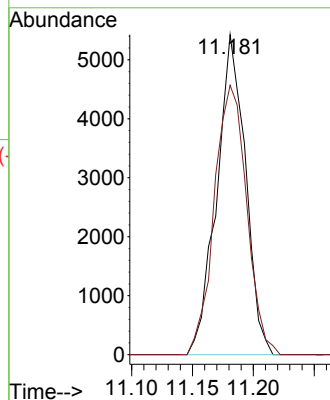
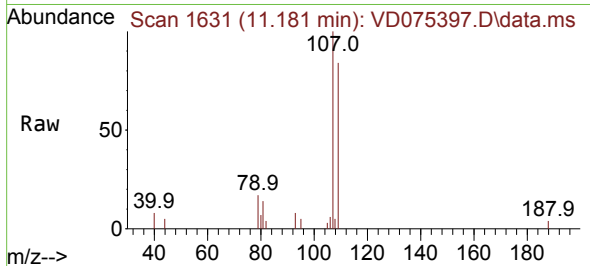




#61  
1,2-Dibromoethane  
Concen: 21.193 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

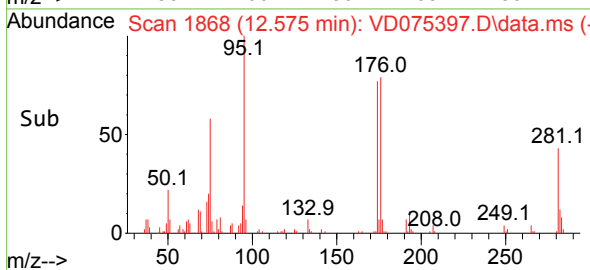
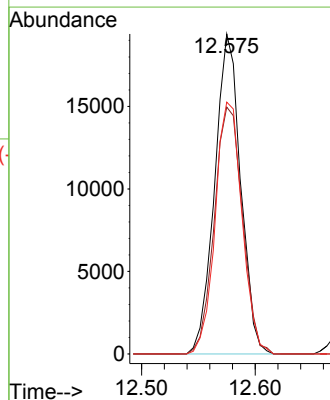
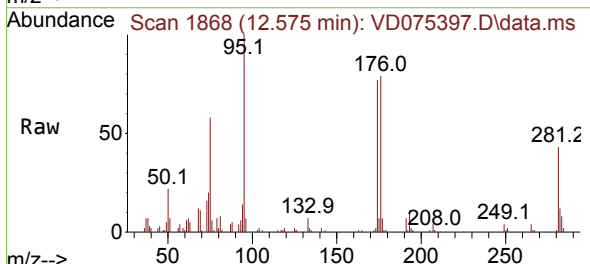
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

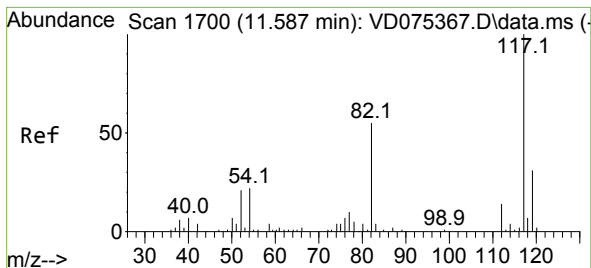
Tgt Ion:107 Resp: 8907  
Ion Ratio Lower Upper  
107 100  
109 94.9 73.6 110.4



#62  
4-Bromofluorobenzene  
Concen: 48.408 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 95 Resp: 30806  
Ion Ratio Lower Upper  
95 100  
174 83.7 0.0 164.0  
176 81.3 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

VD0222SBS01

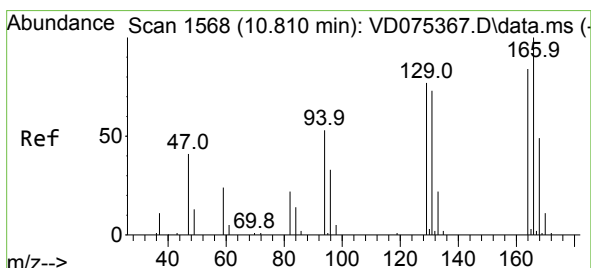
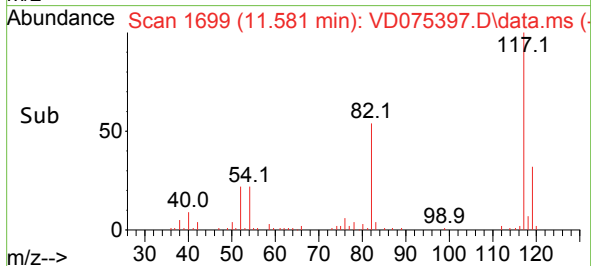
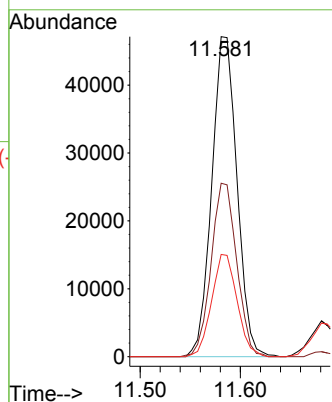
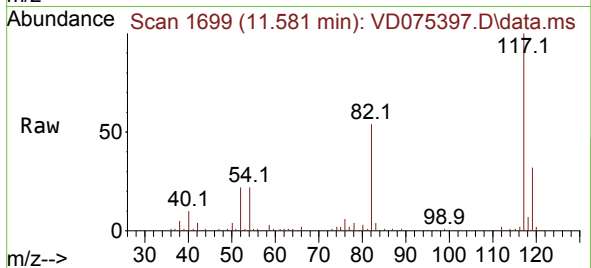
Tgt Ion:117 Resp: 82250

Ion Ratio Lower Upper

117 100

82 54.2 44.0 66.0

119 32.0 25.1 37.7



#64

Tetrachloroethene

Concen: 20.899 ug/l

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Tgt Ion:164 Resp: 12304

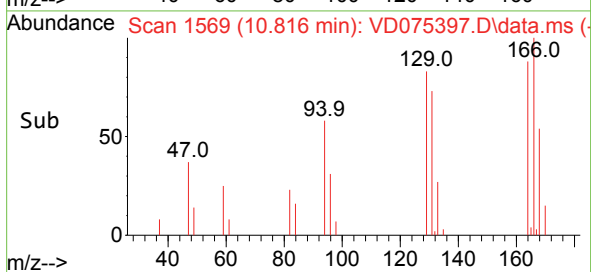
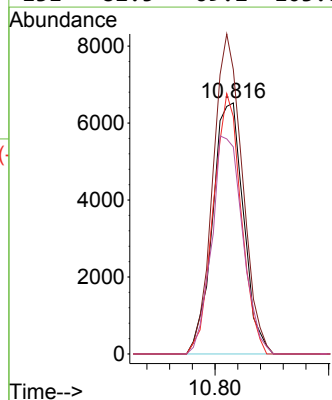
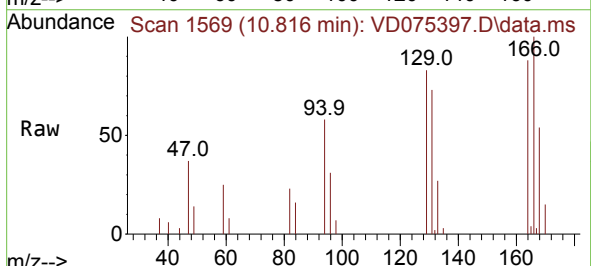
Ion Ratio Lower Upper

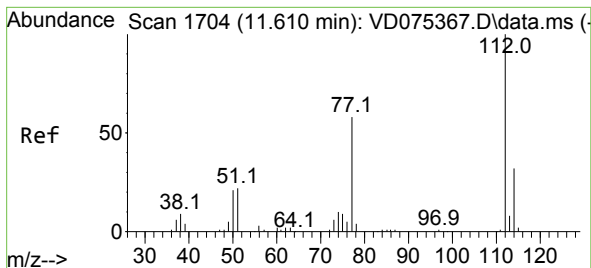
164 100

166 113.3 94.9 142.3

129 94.5 73.0 109.6

131 82.5 69.2 103.8





#65

Chlorobenzene

Concen: 21.125 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

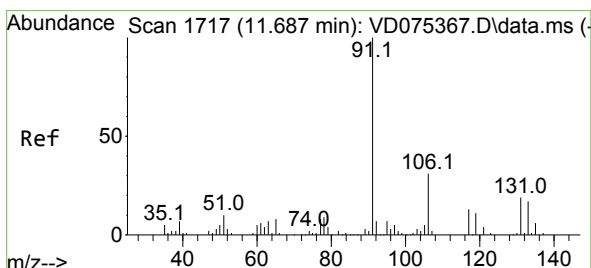
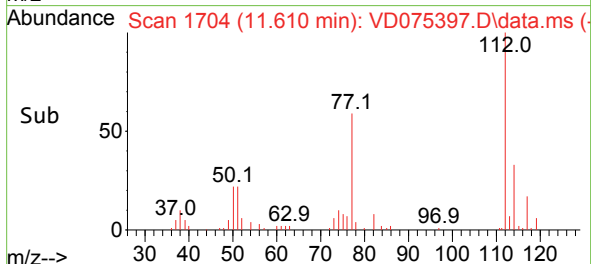
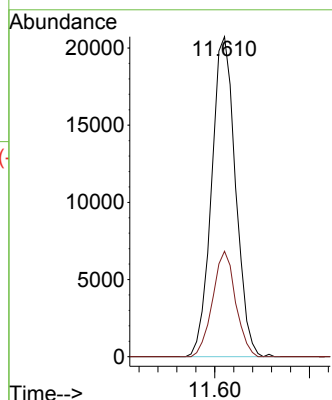
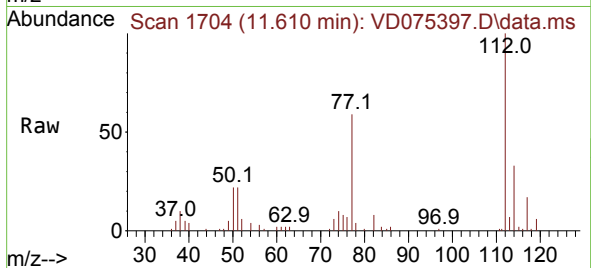
VD0222SBS01

Tgt Ion:112 Resp: 36343

Ion Ratio Lower Upper

112 100

114 32.9 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.840 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

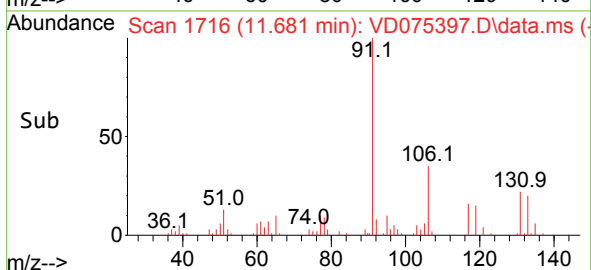
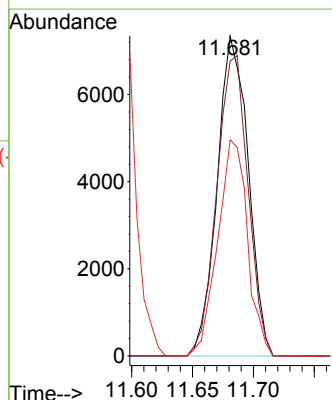
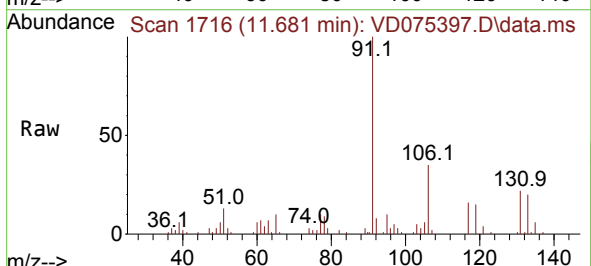
Tgt Ion:131 Resp: 13019

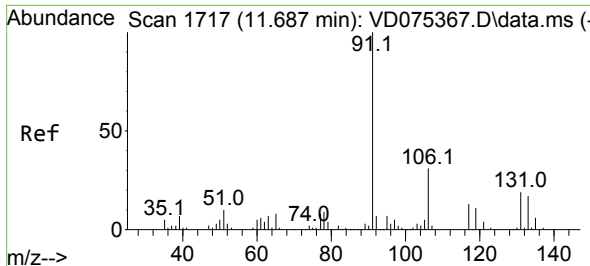
Ion Ratio Lower Upper

131 100

133 94.3 46.7 140.0

119 64.8 31.9 95.9

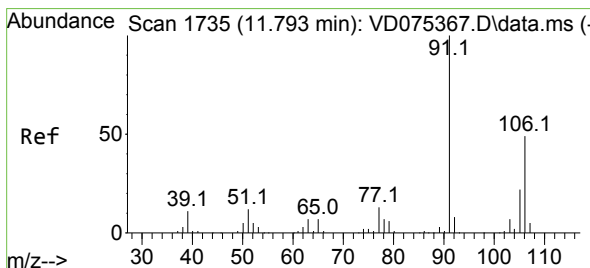
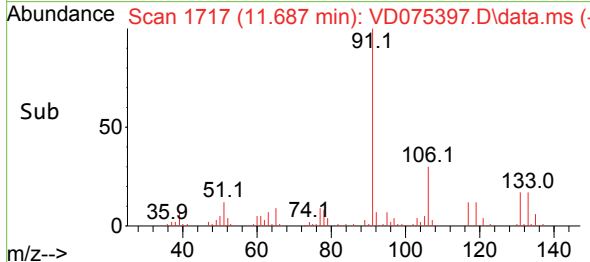
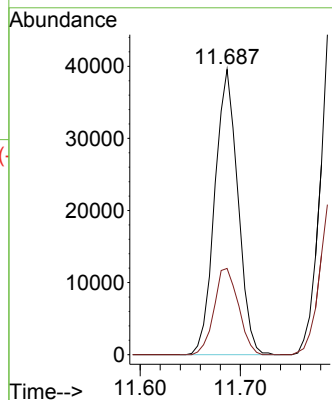
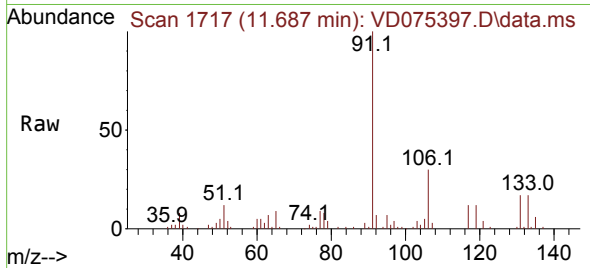




#67  
Ethyl Benzene  
Concen: 20.305 ug/l  
RT: 11.687 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

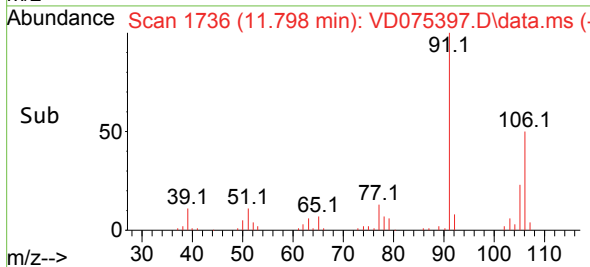
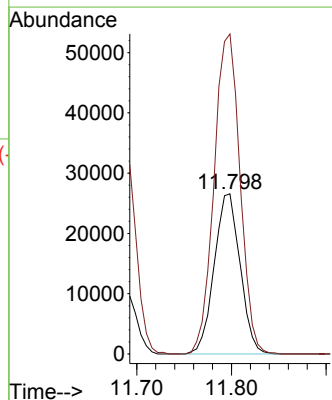
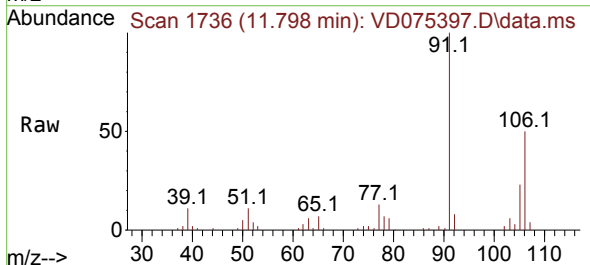
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

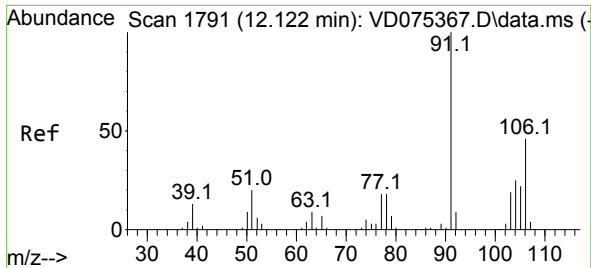
Tgt Ion: 91 Resp: 63350  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.5 36.7



#68  
m/p-Xylenes  
Concen: 41.262 ug/l  
RT: 11.798 min Scan# 1736  
Delta R.T. 0.005 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion:106 Resp: 50461  
Ion Ratio Lower Upper  
106 100  
91 200.6 161.5 242.3

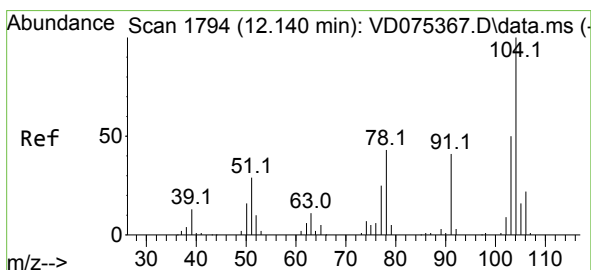
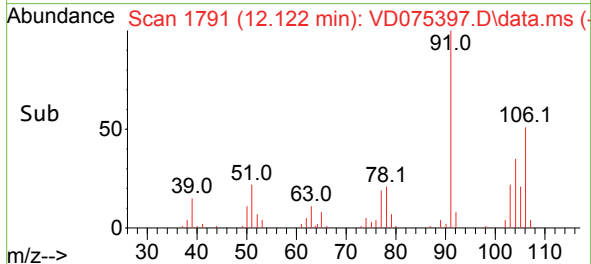
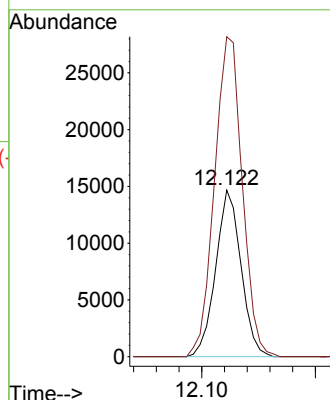
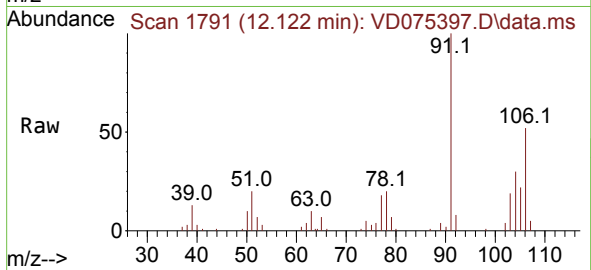




#69  
o-Xylene  
Concen: 20.298 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

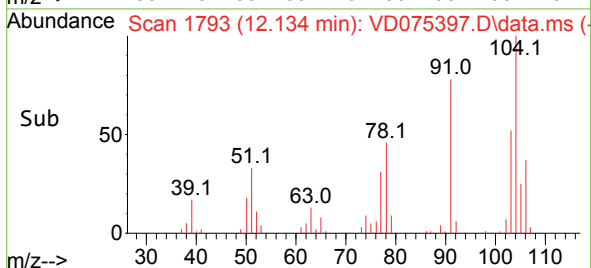
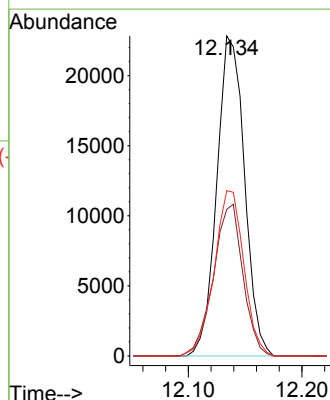
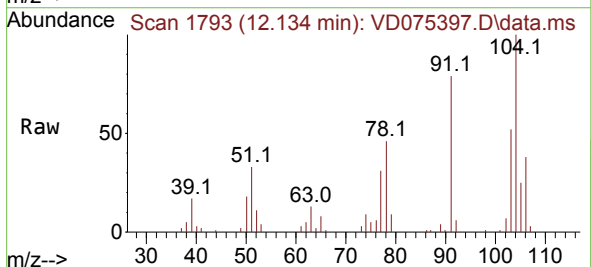
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

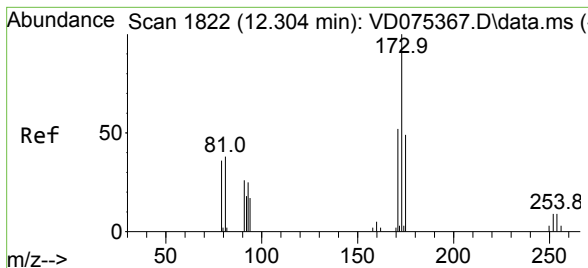
Tgt Ion:106 Resp: 22734  
Ion Ratio Lower Upper  
106 100  
91 210.1 105.7 317.1



#70  
Styrene  
Concen: 20.657 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion:104 Resp: 38613  
Ion Ratio Lower Upper  
104 100  
78 50.6 40.2 60.4  
103 55.3 44.2 66.2





#71

Bromoform

Concen: 19.344 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

VD0222SBS01

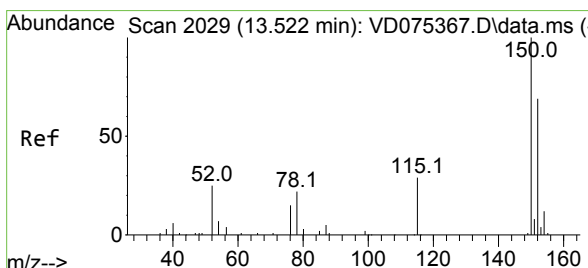
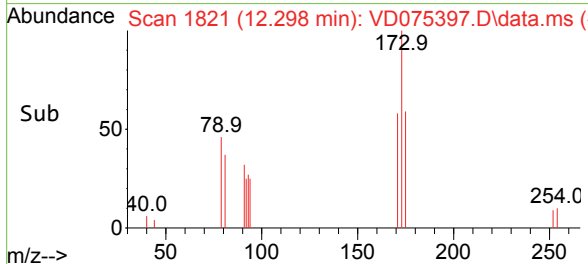
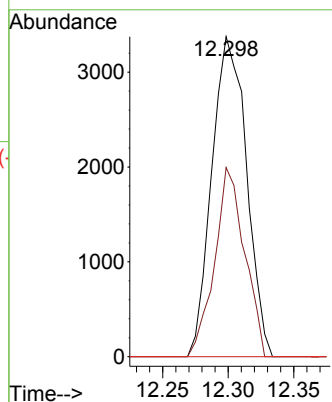
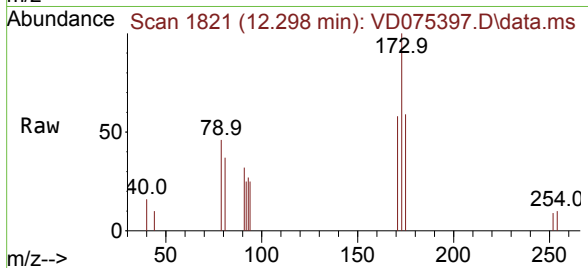
Tgt Ion:173 Resp: 6193

Ion Ratio Lower Upper

173 100

175 51.2 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

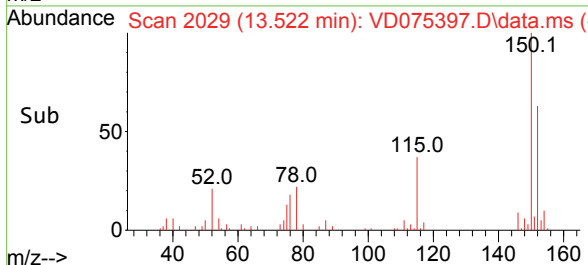
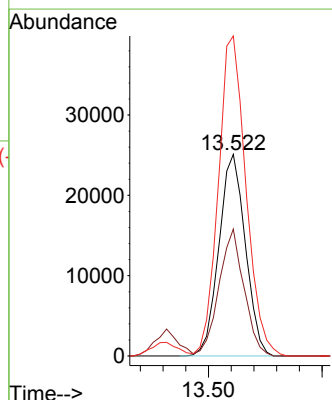
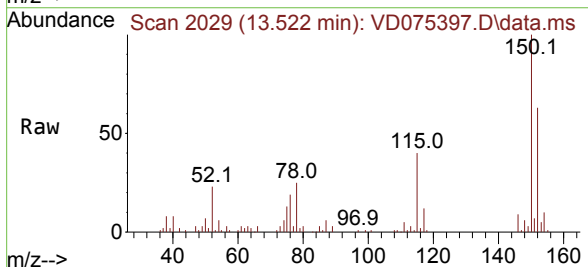
Tgt Ion:152 Resp: 40558

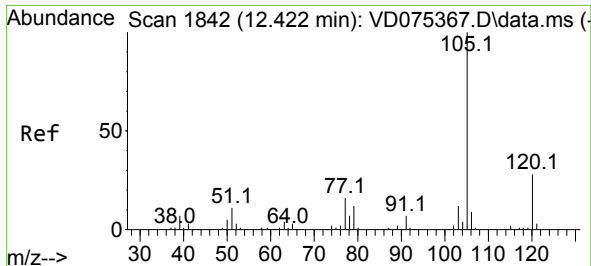
Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.3

150 165.8 0.0 364.8

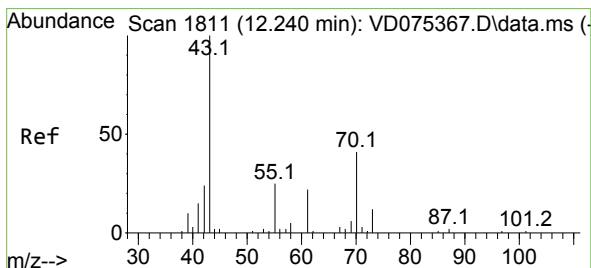
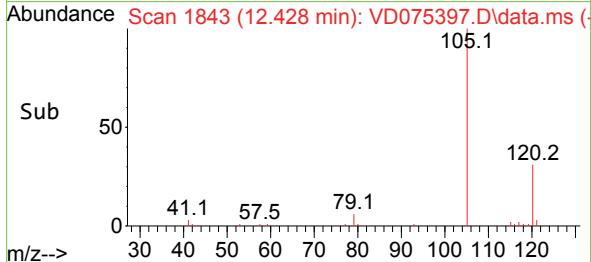
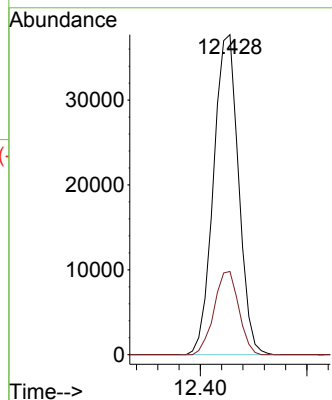
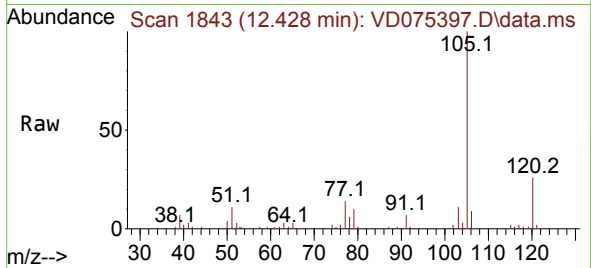




#73  
Isopropylbenzene  
Concen: 20.090 ug/l  
RT: 12.428 min Scan# 1843  
Delta R.T. 0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

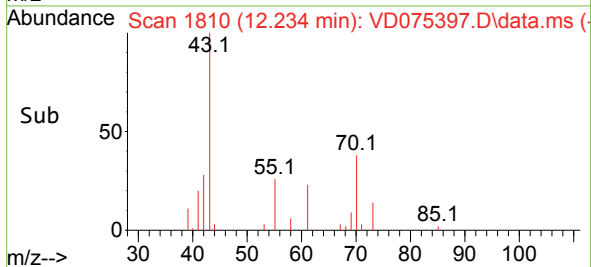
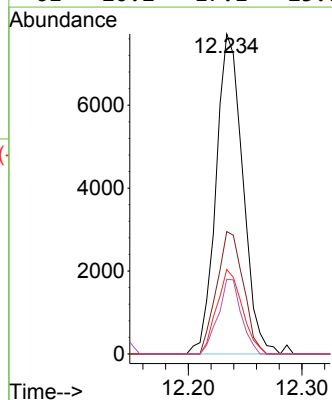
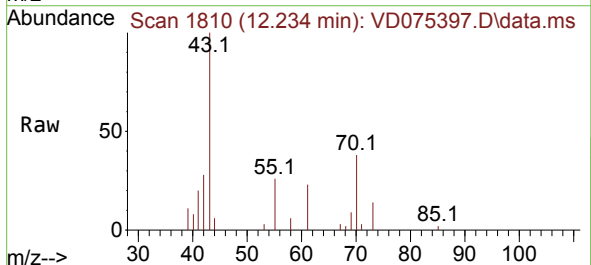
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

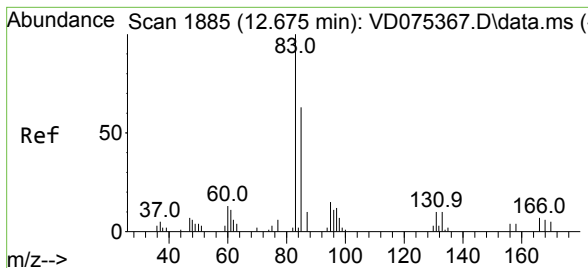
Tgt Ion:105 Resp: 61437  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.4 40.1



#74  
N-ethyl acetate  
Concen: 19.311 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 43 Resp: 12643  
Ion Ratio Lower Upper  
43 100  
70 37.9 31.0 46.4  
55 25.0 18.6 28.0  
61 20.2 17.1 25.7

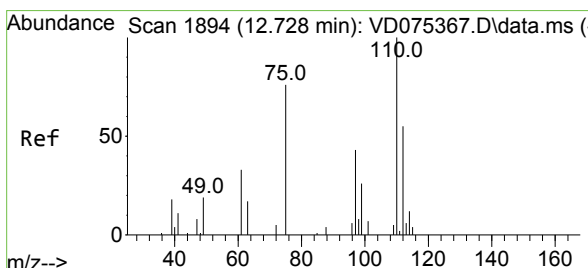
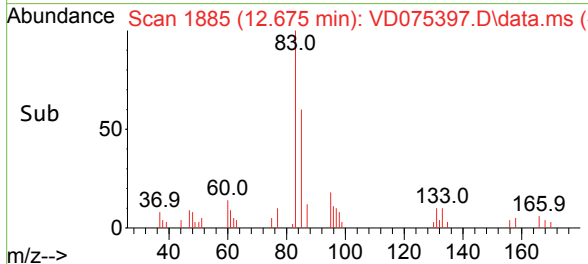
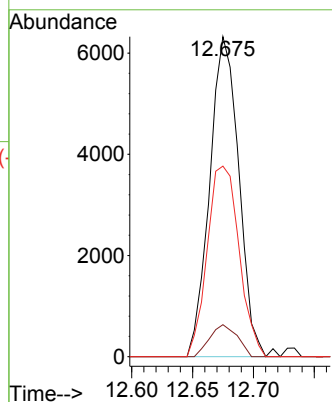
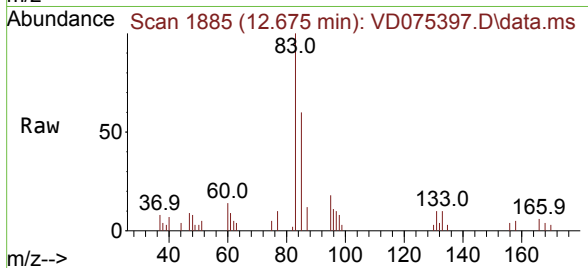




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.576 ug/l  
RT: 12.675 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

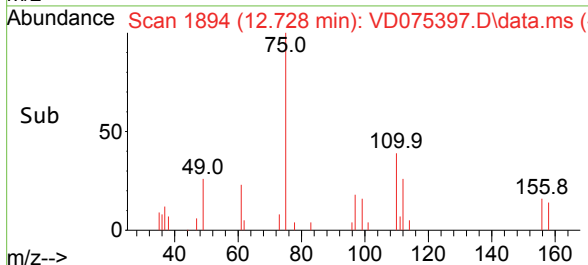
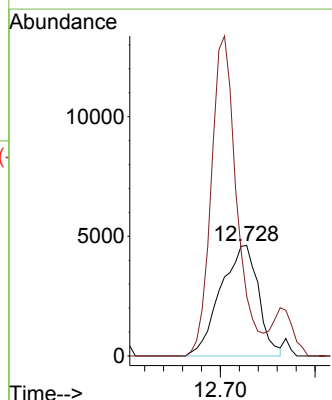
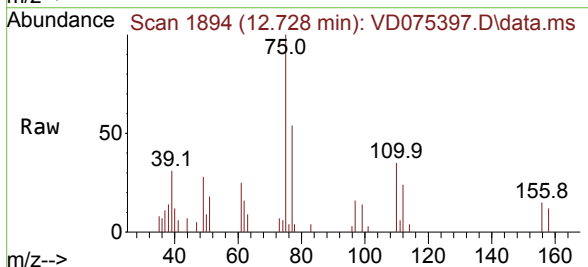
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

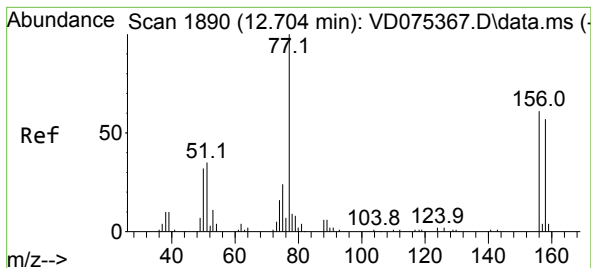
Tgt Ion: 83 Resp: 10545  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.1 15.2  
85 65.0 33.6 100.6



#76  
1,2,3-Trichloropropane  
Concen: 43.747 ug/l  
RT: 12.728 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 75 Resp: 12838  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.993 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

VD0222SBS01

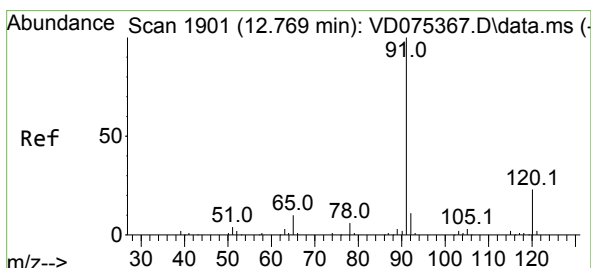
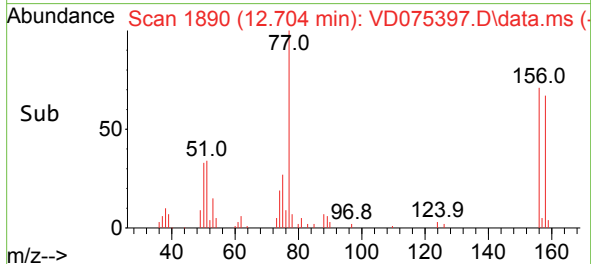
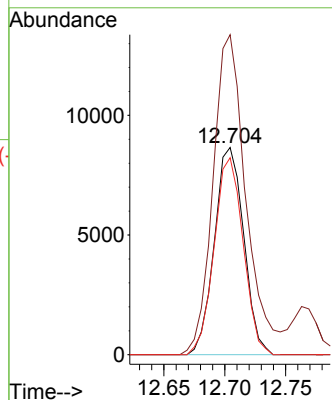
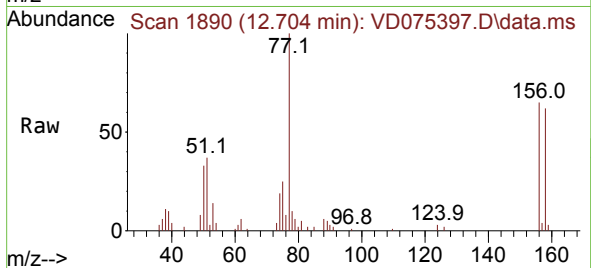
Tgt Ion:156 Resp: 14510

Ion Ratio Lower Upper

156 100

77 172.9 89.5 268.6

158 94.1 47.8 143.4



#78

n-propylbenzene

Concen: 19.949 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VD075397.D

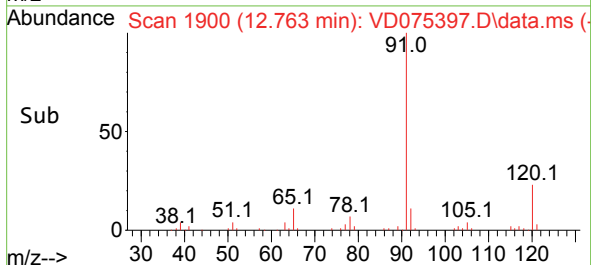
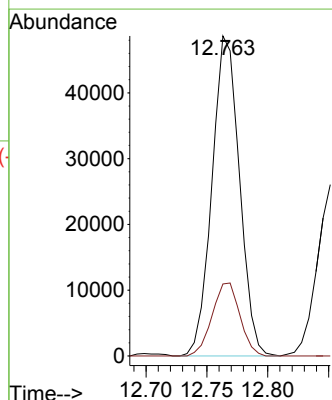
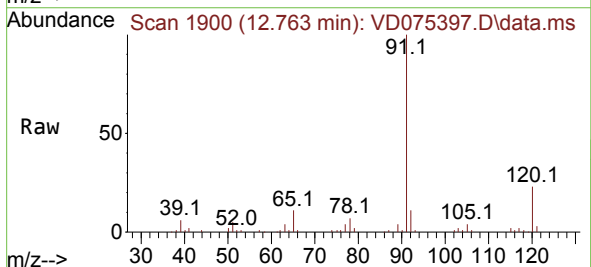
Acq: 22 Feb 2023 13:17

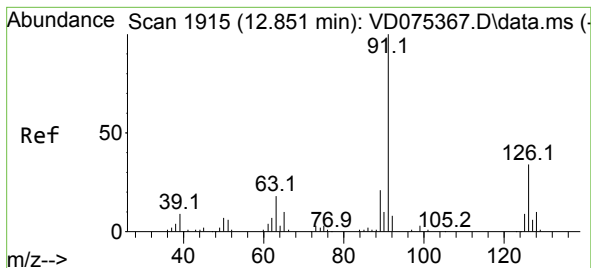
Tgt Ion: 91 Resp: 76334

Ion Ratio Lower Upper

91 100

120 23.0 11.4 34.2





#79

2-Chlorotoluene

Concen: 20.345 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

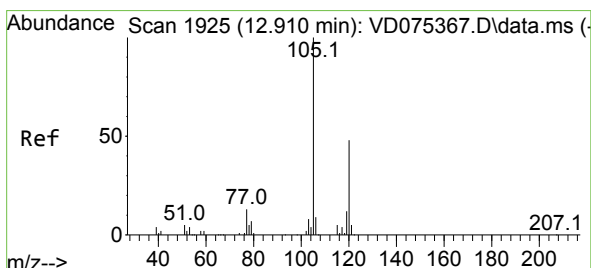
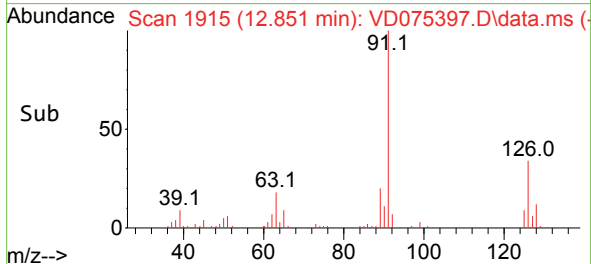
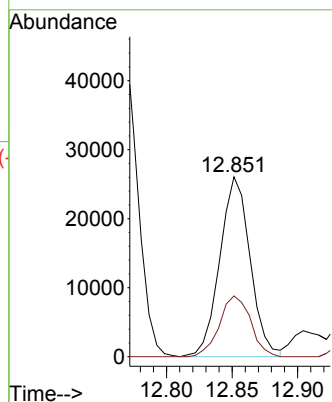
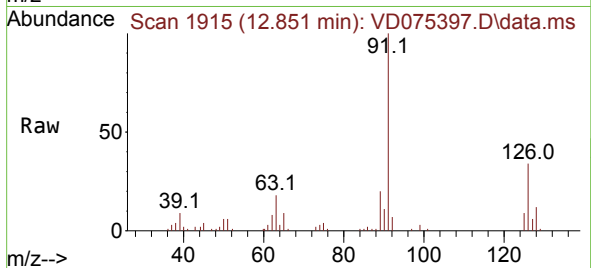
VD0222SBS01

Tgt Ion: 91 Resp: 42039

Ion Ratio Lower Upper

91 100

126 34.6 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 20.546 ug/l

RT: 12.910 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VD075397.D

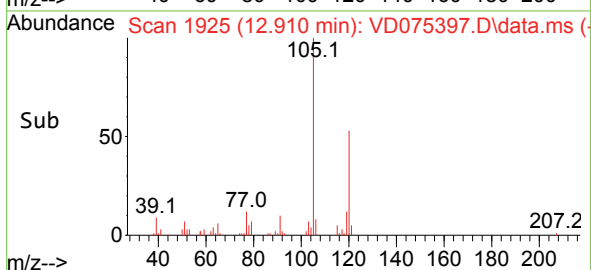
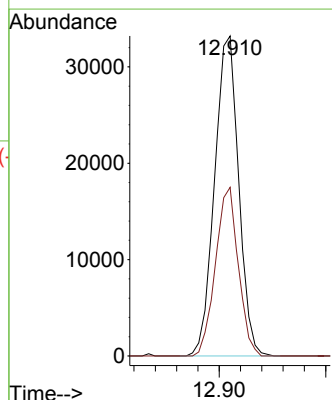
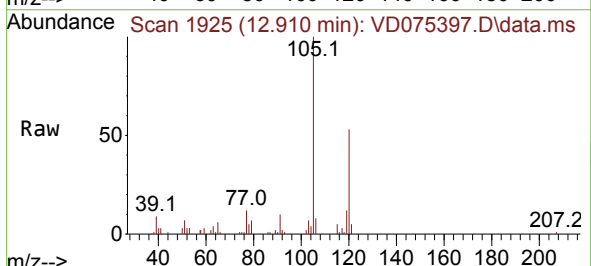
Acq: 22 Feb 2023 13:17

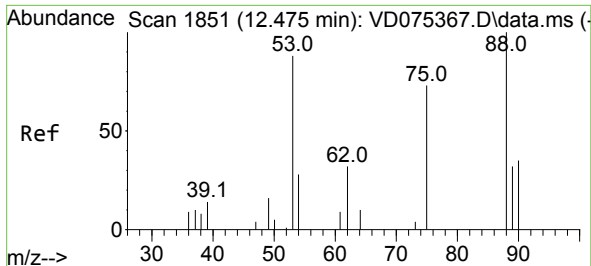
Tgt Ion: 105 Resp: 51999

Ion Ratio Lower Upper

105 100

120 49.9 24.3 72.8

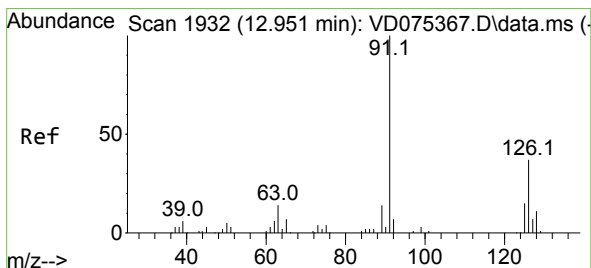
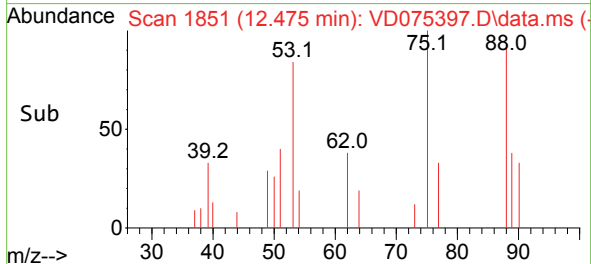
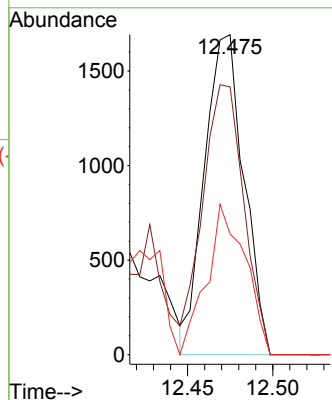
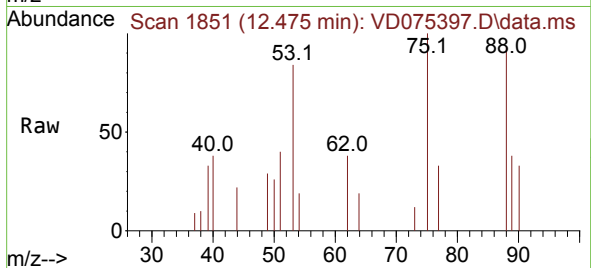




#81  
trans-1,4-Dichloro-2-butene  
Concen: 24.998 ug/l  
RT: 12.475 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

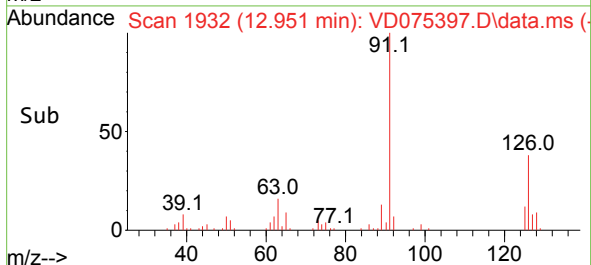
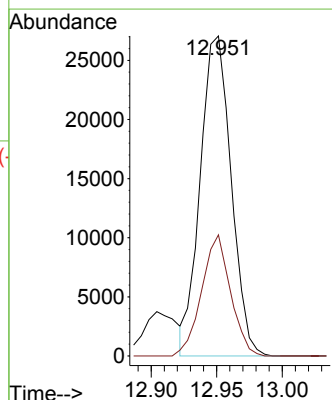
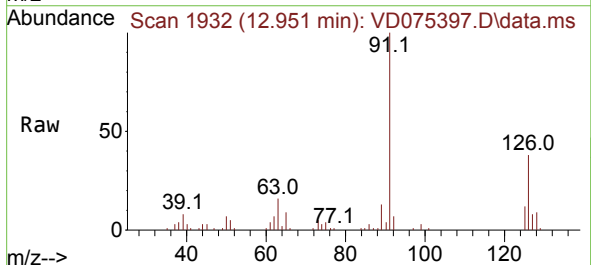
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

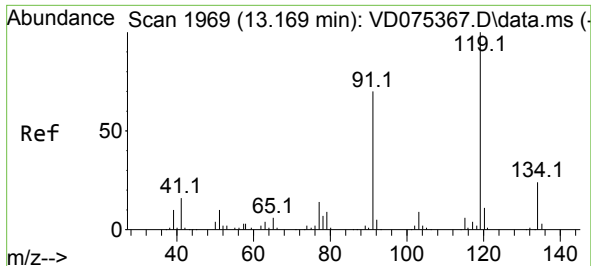
Tgt Ion: 75 Resp: 2718  
Ion Ratio Lower Upper  
75 100  
53 88.2 90.5 135.7#  
89 46.1 40.2 60.4



#82  
4-Chlorotoluene  
Concen: 20.405 ug/l  
RT: 12.951 min Scan# 1932  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 91 Resp: 44481  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.1 51.2

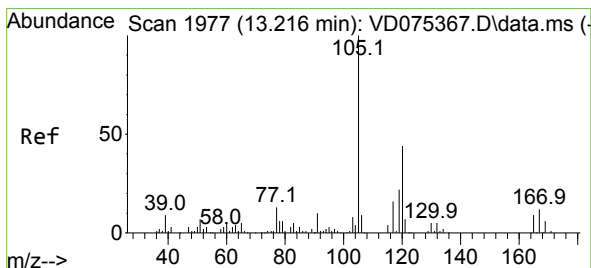
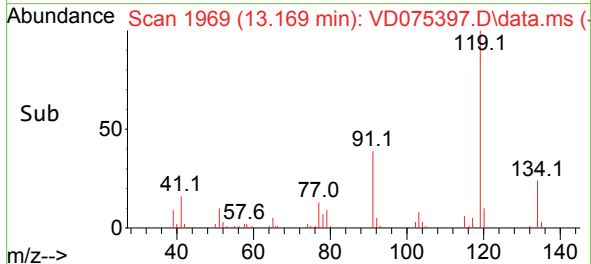
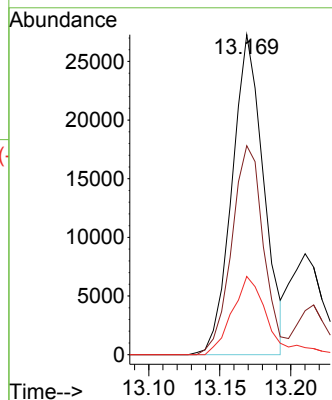
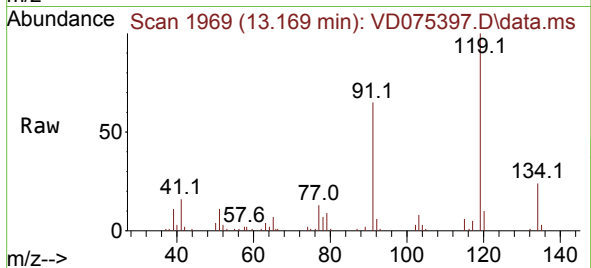




#83  
tert-Butylbenzene  
Concen: 19.246 ug/l  
RT: 13.169 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

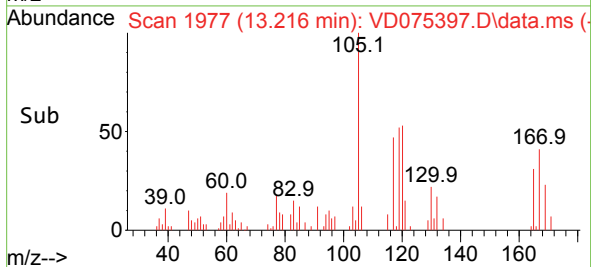
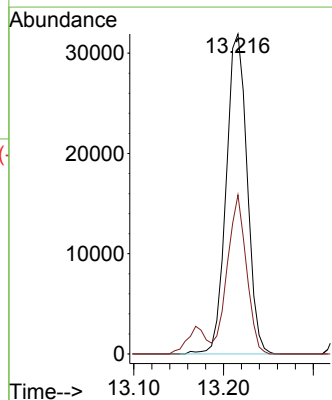
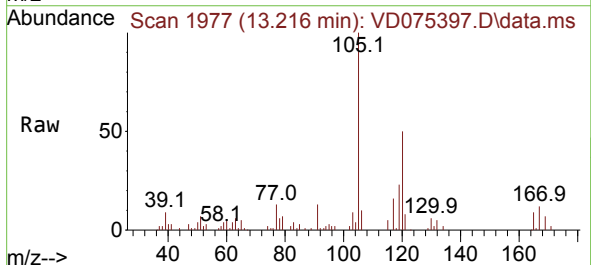
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

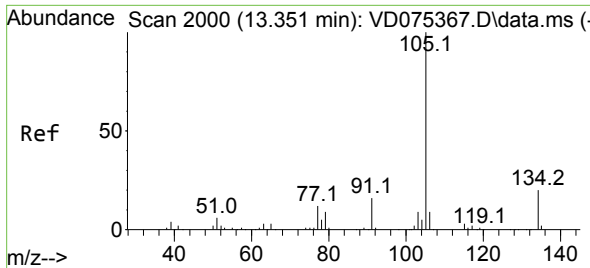
Tgt Ion:119 Resp: 42225  
Ion Ratio Lower Upper  
119 100  
91 66.5 32.4 97.0  
134 27.5 13.0 39.0



#84  
1,2,4-Trimethylbenzene  
Concen: 20.652 ug/l  
RT: 13.216 min Scan# 1977  
Delta R.T. 0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion:105 Resp: 51625  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.3 66.9

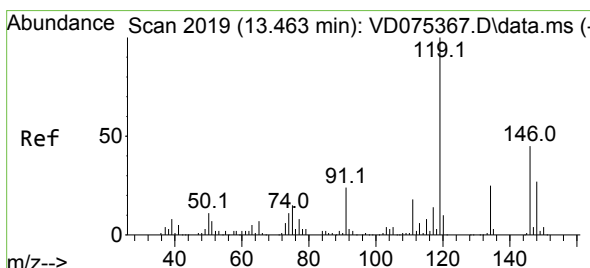
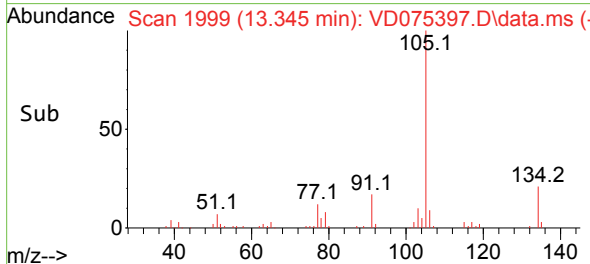
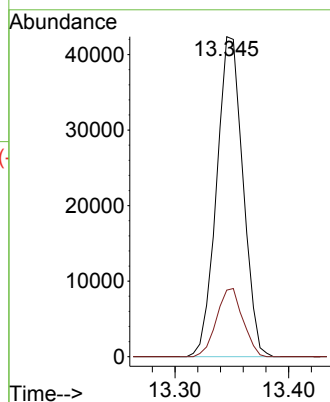
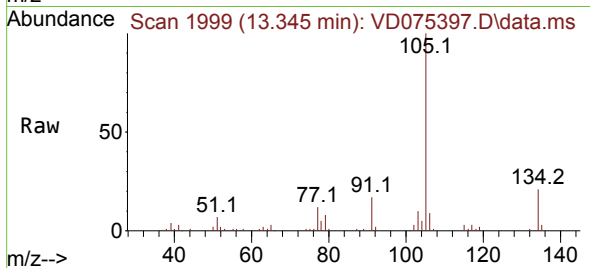




#85  
 sec-Butylbenzene  
 Concen: 20.195 ug/l  
 RT: 13.345 min Scan# 1999  
 Delta R.T. -0.006 min  
 Lab File: VD075397.D  
 Acq: 22 Feb 2023 13:17

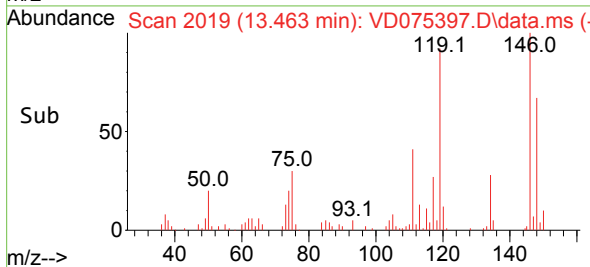
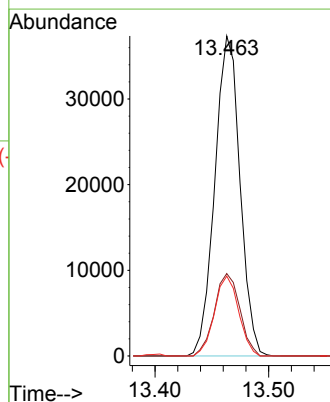
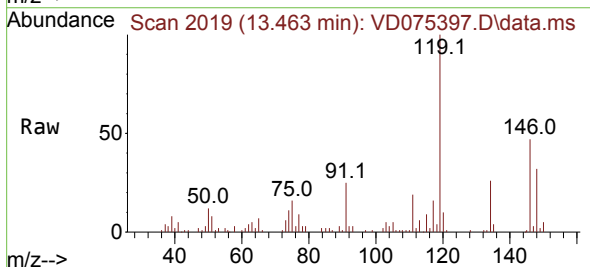
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0222SBS01

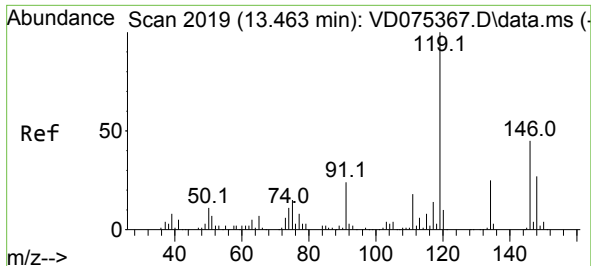
Tgt Ion:105 Resp: 68257  
 Ion Ratio Lower Upper  
 105 100  
 134 21.2 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 20.950 ug/l  
 RT: 13.463 min Scan# 2019  
 Delta R.T. 0.000 min  
 Lab File: VD075397.D  
 Acq: 22 Feb 2023 13:17

Tgt Ion:119 Resp: 57525  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.1 39.3  
 91 24.0 12.4 37.4

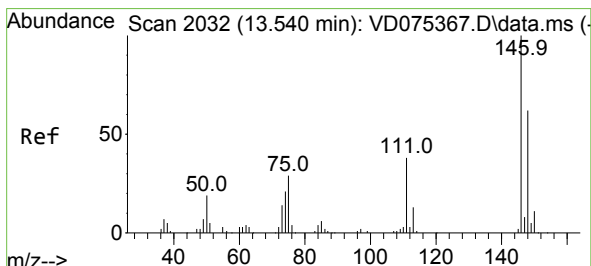
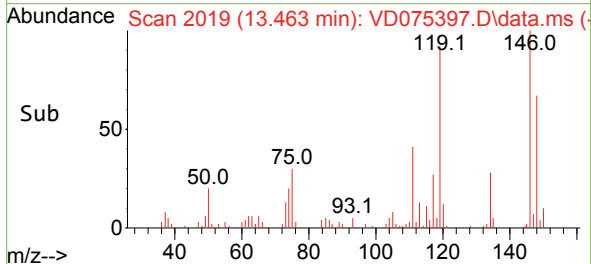
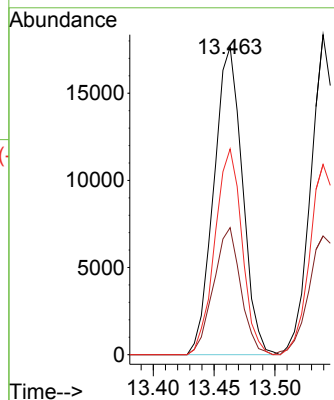
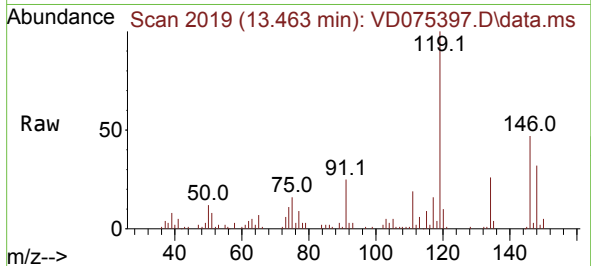




#87  
 1,3-Dichlorobenzene  
 Concen: 20.245 ug/l  
 RT: 13.463 min Scan# 2019  
 Delta R.T. 0.000 min  
 Lab File: VD075397.D  
 Acq: 22 Feb 2023 13:17

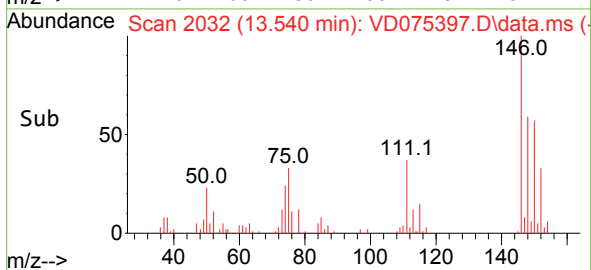
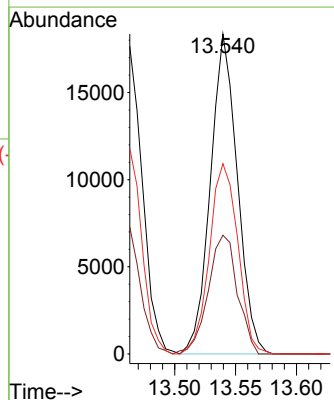
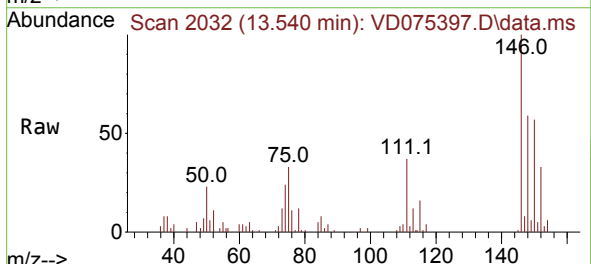
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0222SBS01

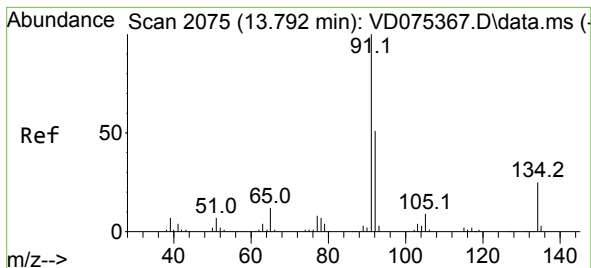
Tgt Ion:146 Resp: 28822  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 19.8 59.3  
 148 63.6 31.0 93.0



#88  
 1,4-Dichlorobenzene  
 Concen: 20.268 ug/l  
 RT: 13.540 min Scan# 2032  
 Delta R.T. -0.000 min  
 Lab File: VD075397.D  
 Acq: 22 Feb 2023 13:17

Tgt Ion:146 Resp: 28308  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 19.6 58.8  
 148 62.6 31.7 95.1





#89

n-Butylbenzene

Concen: 20.054 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

VD0222SBS01

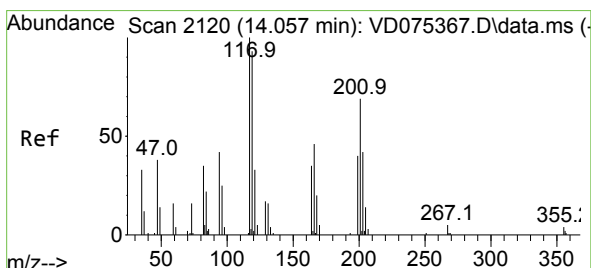
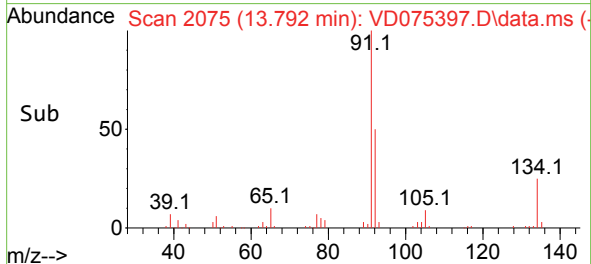
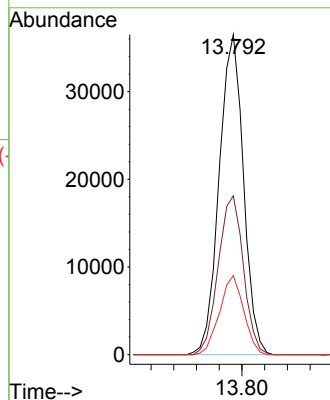
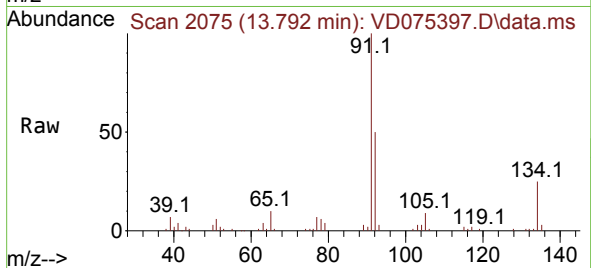
Tgt Ion: 91 Resp: 54170

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.5

134 24.6 12.7 38.0



#90

Hexachloroethane

Concen: 19.845 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD075397.D

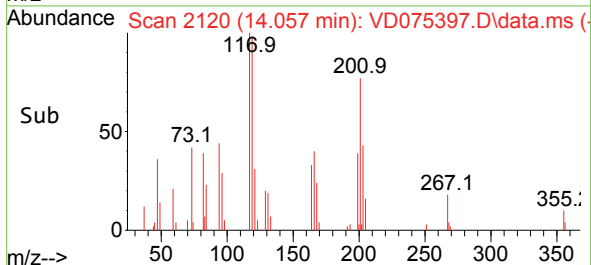
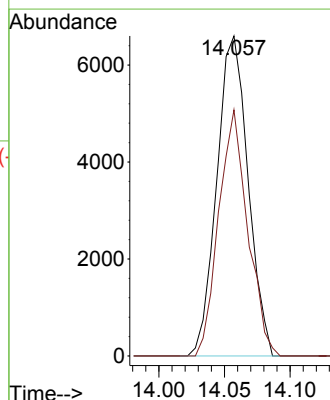
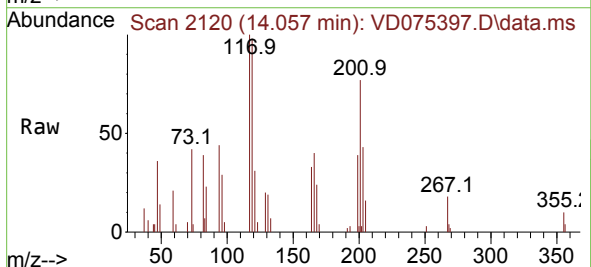
Acq: 22 Feb 2023 13:17

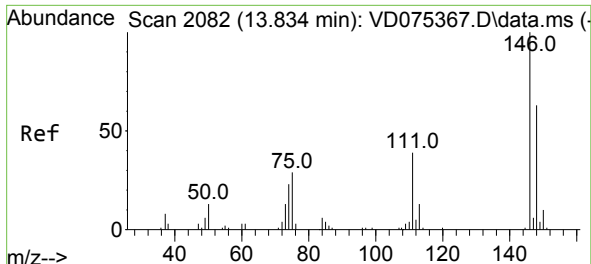
Tgt Ion: 117 Resp: 10931

Ion Ratio Lower Upper

117 100

201 71.4 34.5 103.6

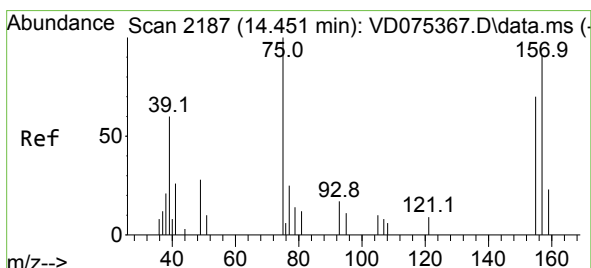
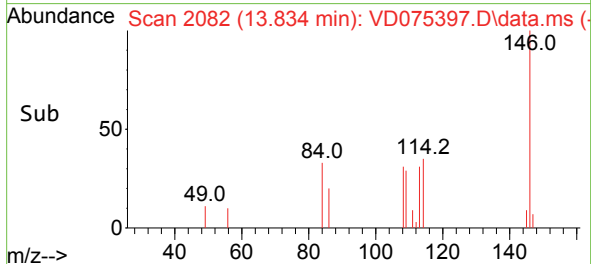
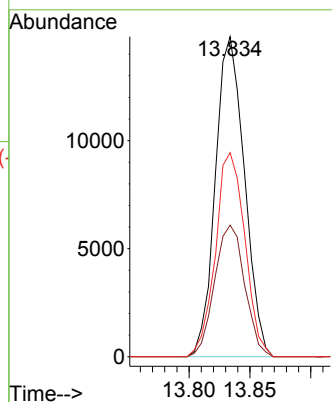
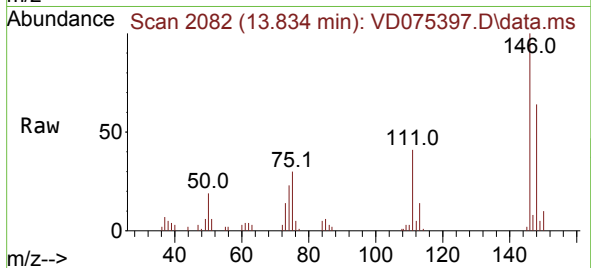




#91  
1,2-Dichlorobenzene  
Concen: 20.608 ug/l  
RT: 13.834 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

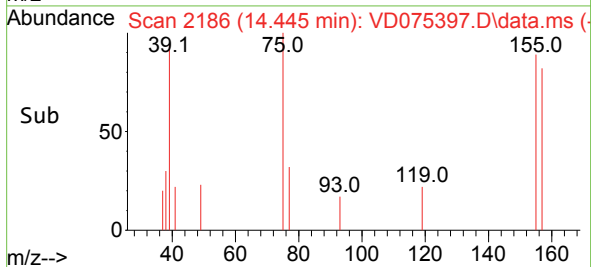
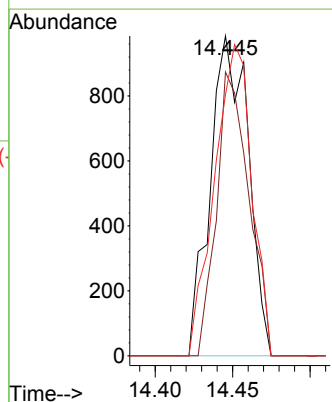
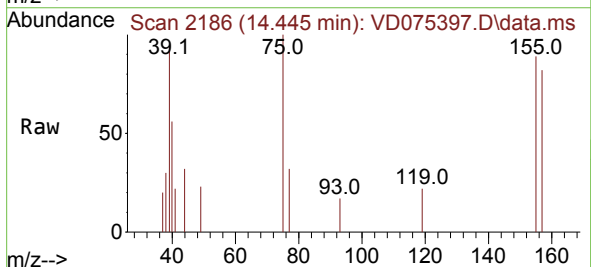
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01

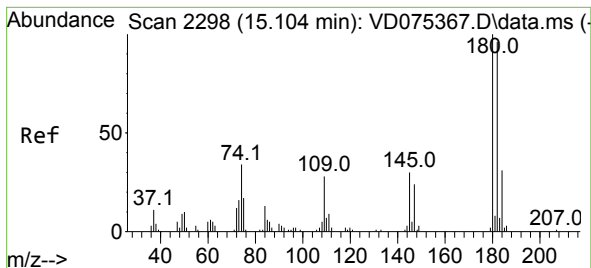
Tgt Ion:146 Resp: 24599  
Ion Ratio Lower Upper  
146 100  
111 42.7 20.6 61.8  
148 64.6 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 22.565 ug/l  
RT: 14.445 min Scan# 2186  
Delta R.T. -0.006 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion: 75 Resp: 1680  
Ion Ratio Lower Upper  
75 100  
155 75.8 39.5 118.5  
157 95.2 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 19.891 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

Instrument :

MSVOA\_D

ClientSampleId :

VD0222SBS01

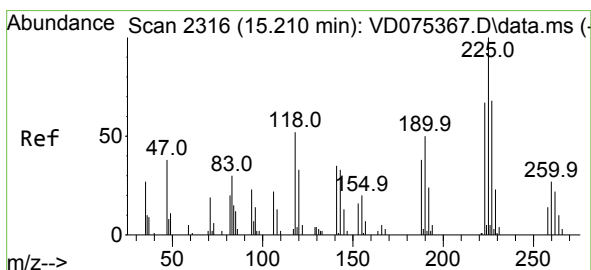
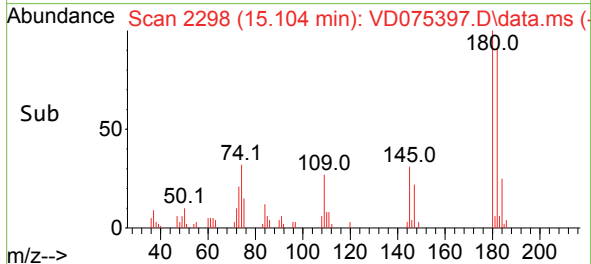
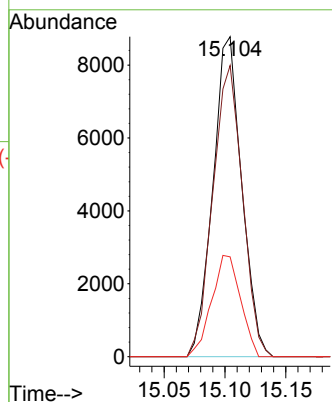
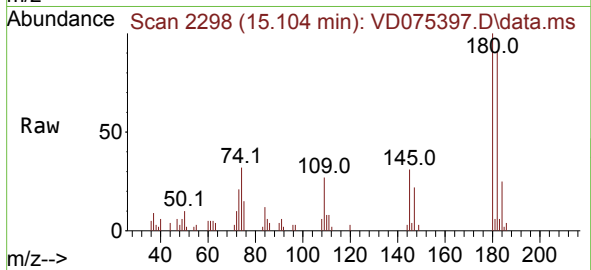
Tgt Ion:180 Resp: 14437

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.7

145 31.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 20.559 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.000 min

Lab File: VD075397.D

Acq: 22 Feb 2023 13:17

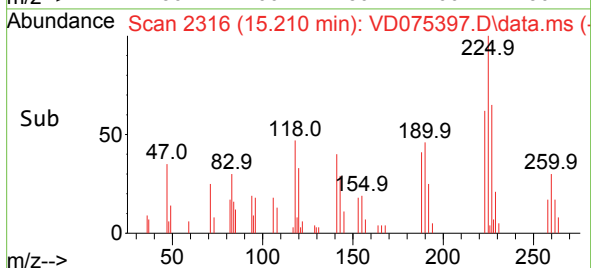
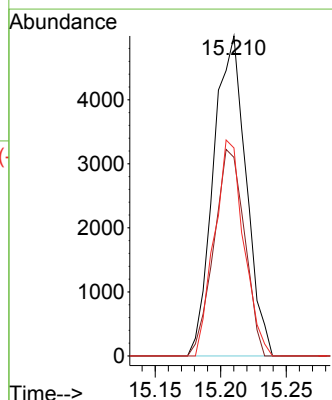
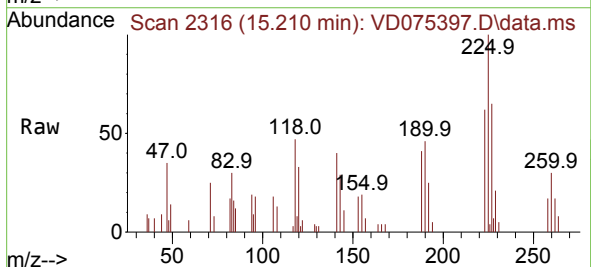
Tgt Ion:225 Resp: 8637

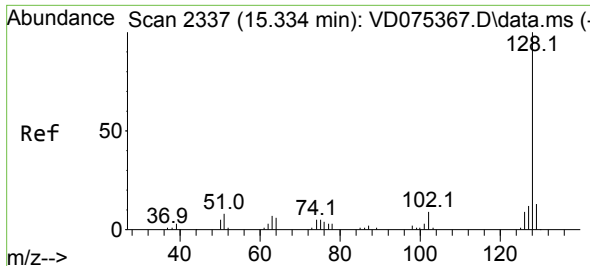
Ion Ratio Lower Upper

225 100

223 60.6 33.1 99.2

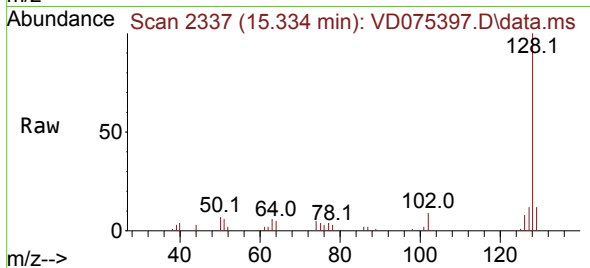
227 60.7 31.9 95.9



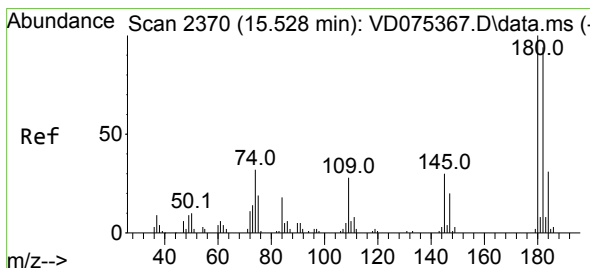
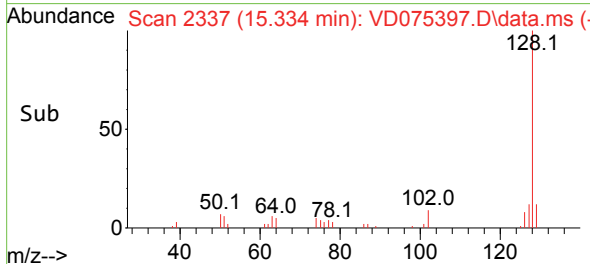
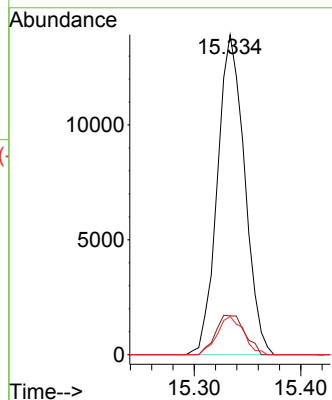


#95  
Naphthalene  
Concen: 19.244 ug/l  
RT: 15.334 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0222SBS01



Tgt Ion:128 Resp: 24711  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.4 15.6  
129 11.6 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 20.422 ug/l  
RT: 15.528 min Scan# 2370  
Delta R.T. -0.000 min  
Lab File: VD075397.D  
Acq: 22 Feb 2023 13:17

Tgt Ion:180 Resp: 12533  
Ion Ratio Lower Upper  
180 100  
182 92.5 47.7 143.1  
145 31.2 16.4 49.4

