

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092222\  
 Data File : VD074400.D  
 Acq On : 22 Sep 2022 12:40  
 Operator : VA/SY  
 Sample : VSTDICC100  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC100

Quant Time: Sep 23 07:04:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D092222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 23 06:55:43 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 7.875  | 168   | 88505    | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775  | 114   | 145088   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 135542   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.510 | 152   | 65975    | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 8.228  | 65    | 90980    | 96.627   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 193.260%# |          |
| 35) Dibromofluoromethane     | 7.810  | 113   | 90869    | 90.245   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 180.480%# |          |
| 50) Toluene-d8               | 10.269 | 98    | 377195   | 106.402  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 212.800%# |          |
| 62) 4-Bromofluorobenzene     | 12.569 | 95    | 116909   | 84.287   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 168.580%# |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.928  | 85    | 71873    | 90.936   | ug/l        | 98       |
| 3) Chloromethane             | 2.140  | 50    | 87677    | 81.452   | ug/l        | 100      |
| 4) Vinyl Chloride            | 2.275  | 62    | 62201    | 95.777   | ug/l        | 97       |
| 5) Bromomethane              | 2.670  | 94    | 24156    | 102.688  | ug/l        | 98       |
| 6) Chloroethane              | 2.822  | 64    | 39929    | 97.252   | ug/l        | 99       |
| 7) Trichlorofluoromethane    | 3.164  | 101   | 142918   | 97.727   | ug/l        | 97       |
| 8) Diethyl Ether             | 3.587  | 74    | 50022    | 101.076  | ug/l        | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 3.958  | 101   | 95032    | 96.921   | ug/l        | 98       |
| 10) Methyl Iodide            | 4.152  | 142   | 95532    | 138.071  | ug/l        | 96       |
| 11) Tert butyl alcohol       | 5.058  | 59    | 46894    | 181.963  | ug/l #      | 83       |
| 12) 1,1-Dichloroethene       | 3.928  | 96    | 94114    | 98.446   | ug/l        | 98       |
| 13) Acrolein                 | 3.793  | 56    | 13727    | 383.064  | ug/l        | 100      |
| 14) Allyl chloride           | 4.552  | 41    | 143085   | 98.808   | ug/l        | 99       |
| 15) Acrylonitrile            | 5.252  | 53    | 120647   | 504.321  | ug/l        | 99       |
| 16) Acetone                  | 4.017  | 43    | 93702    | 471.381  | ug/l        | 99       |
| 17) Carbon Disulfide         | 4.264  | 76    | 250643   | 97.648   | ug/l        | 100      |
| 18) Methyl Acetate           | 4.558  | 43    | 61804    | 89.544   | ug/l        | 99       |
| 19) Methyl tert-butyl Ether  | 5.311  | 73    | 231899   | 99.950   | ug/l        | 99       |
| 20) Methylene Chloride       | 4.793  | 84    | 116191   | 55.945   | ug/l        | 93       |
| 21) trans-1,2-Dichloroethene | 5.305  | 96    | 104881   | 98.156   | ug/l        | 96       |
| 22) Diisopropyl ether        | 6.216  | 45    | 317900   | 99.151   | ug/l        | 98       |
| 23) Vinyl Acetate            | 6.152  | 43    | 812222   | 578.533  | ug/l        | 99       |
| 24) 1,1-Dichloroethane       | 6.111  | 63    | 197605   | 97.926   | ug/l        | 96       |
| 25) 2-Butanone               | 7.081  | 43    | 149120   | 464.834  | ug/l        | 98       |
| 26) 2,2-Dichloropropane      | 7.069  | 77    | 168812   | 94.026   | ug/l        | 99       |
| 27) cis-1,2-Dichloroethene   | 7.075  | 96    | 126064   | 100.270  | ug/l        | 97       |
| 28) Bromochloromethane       | 7.422  | 49    | 72598    | 97.498   | ug/l        | 97       |
| 29) Tetrahydrofuran          | 7.446  | 42    | 92188    | 496.998  | ug/l        | 99       |
| 30) Chloroform               | 7.593  | 83    | 191872   | 96.446   | ug/l        | 92       |
| 31) Cyclohexane              | 7.875  | 56    | 164668   | 93.557   | ug/l        | 96       |
| 32) 1,1,1-Trichloroethane    | 7.793  | 97    | 169459   | 98.973   | ug/l        | 99       |
| 36) 1,1-Dichloropropene      | 8.005  | 75    | 152245   | 102.937  | ug/l        | 99       |
| 37) Ethyl Acetate            | 7.169  | 43    | 65800    | 104.870  | ug/l        | 99       |
| 38) Carbon Tetrachloride     | 7.987  | 117   | 136674   | 111.976  | ug/l        | 96       |
| 39) Methylcyclohexane        | 9.269  | 83    | 185029   | 106.255  | ug/l        | 99       |
| 40) Benzene                  | 8.252  | 78    | 442614   | 102.963  | ug/l        | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092222\  
 Data File : VD074400.D  
 Acq On : 22 Sep 2022 12:40  
 Operator : VA/SY  
 Sample : VSTDICC100  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC100

Quant Time: Sep 23 07:04:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D092222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 23 06:55:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.405  | 41   | 39473    | 116.946  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.322  | 62   | 112470   | 102.588  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.357  | 43   | 126798   | 102.443  | ug/l   | 100      |
| 44) Trichloroethene           | 9.028  | 130  | 114251   | 102.242  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.305  | 63   | 114705   | 102.070  | ug/l   | 100      |
| 46) Dibromomethane            | 9.393  | 93   | 58662    | 104.361  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.581  | 83   | 146573   | 104.293  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.381  | 41   | 59964    | 105.236  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.381  | 88   | 14530    | 2194.491 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 335389   | 525.415  | ug/l   | 100      |
| 52) Toluene                   | 10.328 | 92   | 280398   | 104.285  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 145965   | 107.882  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 174652   | 104.954  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.728 | 97   | 79882    | 101.112  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.599 | 69   | 108445   | 109.073  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 142060   | 102.874  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 107826   | 637.885  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.916 | 43   | 230637   | 528.856  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.075 | 129  | 93026    | 103.109  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 72516    | 101.205  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.810 | 164  | 94761    | 96.685   | ug/l   | 93       |
| 65) Chlorobenzene             | 11.604 | 112  | 291242   | 100.557  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 104544   | 104.393  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.681 | 91   | 552426   | 102.828  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.793 | 106  | 423354   | 210.127  | ug/l   | 100      |
| 69) o-Xylene                  | 12.116 | 106  | 197349   | 103.183  | ug/l   | 96       |
| 70) Styrene                   | 12.134 | 104  | 337937   | 102.097  | ug/l   | 98       |
| 71) Bromoform                 | 12.298 | 173  | 52958    | 101.102  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.416 | 105  | 529474   | 103.205  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.228 | 43   | 120600   | 102.320  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 93088    | 99.655   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 114134   | 201.380  | ug/l # | 100      |
| 77) Bromobenzene              | 12.698 | 156  | 113569   | 100.653  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.757 | 91   | 658592   | 103.278  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.845 | 91   | 343167   | 100.933  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.898 | 105  | 428102   | 100.716  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.463 | 75   | 29519    | 110.130  | ug/l # | 100      |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 350419   | 100.068  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 381107   | 102.712  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.204 | 105  | 423322   | 101.032  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.340 | 105  | 582930   | 102.813  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 483147   | 103.859  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.451 | 146  | 233906   | 101.653  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 225543   | 97.948   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.781 | 91   | 472343   | 103.262  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.045 | 117  | 80350    | 105.937  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 197029   | 99.100   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 13478    | 101.777  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.092 | 180  | 134101   | 102.955  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.198 | 225  | 75809    | 103.050  | ug/l   | 97       |
| 95) Naphthalene               | 15.328 | 128  | 270180   | 107.661  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 117135   | 102.587  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092222\  
Data File : VD074400.D  
Acq On : 22 Sep 2022 12:40  
Operator : VA/SY  
Sample : VSTDICC100  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

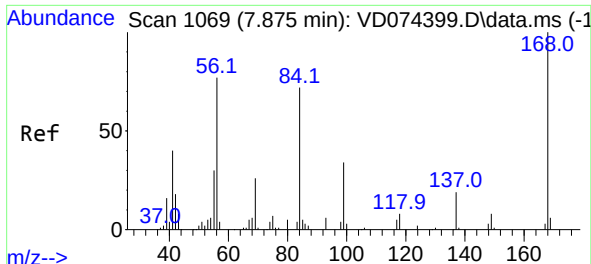
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

Quant Time: Sep 23 07:04:04 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D092222S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 23 06:55:43 2022  
Response via : Initial Calibration

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

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

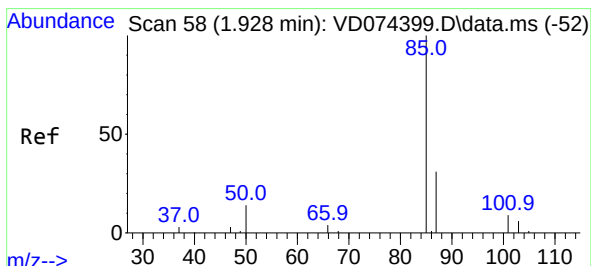
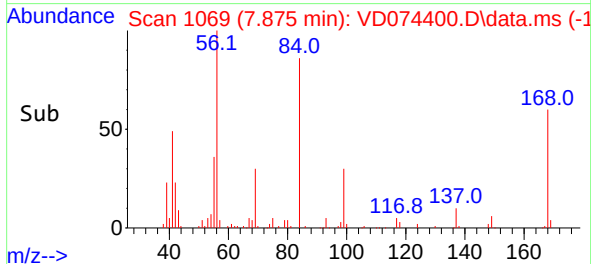
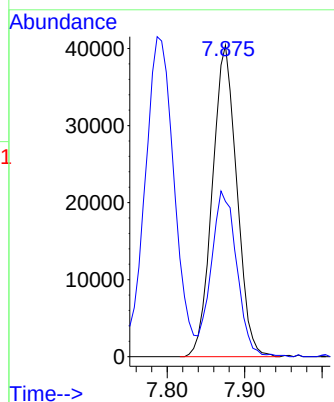
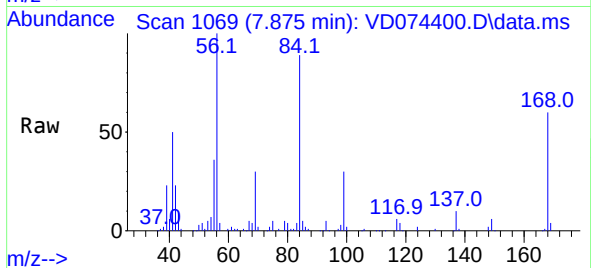




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

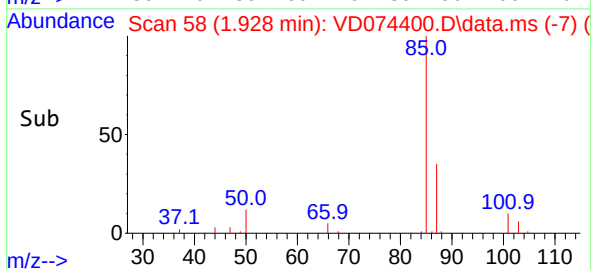
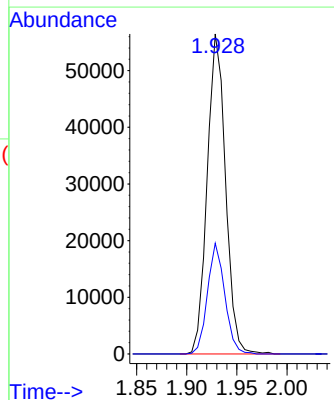
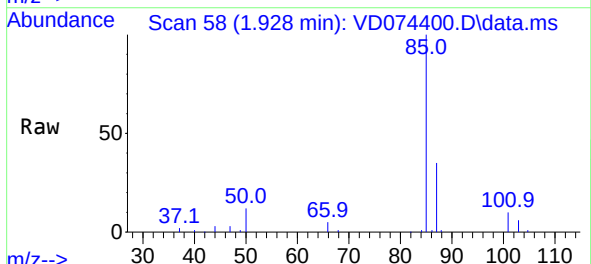
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

Tgt Ion:168 Resp: 88505  
Ion Ratio Lower Upper  
168 100  
99 49.4 43.0 64.6

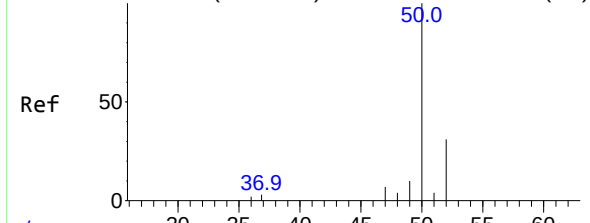


#2  
Dichlorodifluoromethane  
Concen: 90.936 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

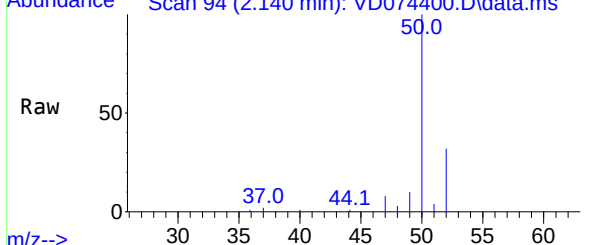
Tgt Ion: 85 Resp: 71873  
Ion Ratio Lower Upper  
85 100  
87 34.6 17.9 53.7



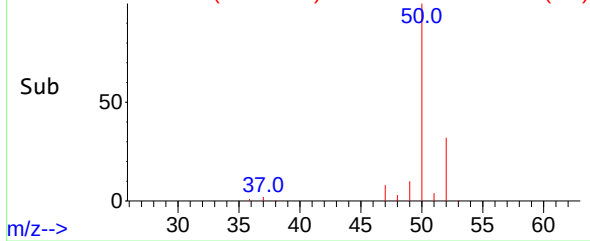
Abundance Scan 94 (2.140 min): VD074399.D\data.ms (-88)



Abundance Scan 94 (2.140 min): VD074400.D\data.ms



Abundance Scan 94 (2.140 min): VD074400.D\data.ms (-43)



#3

Chloromethane

Concen: 81.452 ug/l

RT: 2.140 min Scan# 94

Delta R.T. 0.000 min

Lab File: VD074400.D

Acq: 22 Sep 2022 12:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDICC100

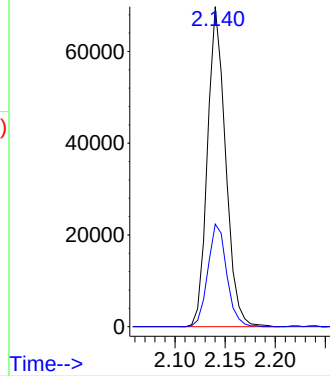
Tgt Ion: 50 Resp: 87677

Ion Ratio Lower Upper

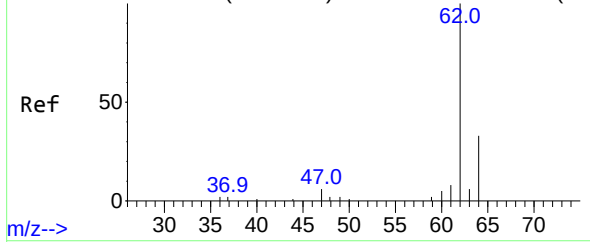
50 100

52 32.0 25.8 38.8

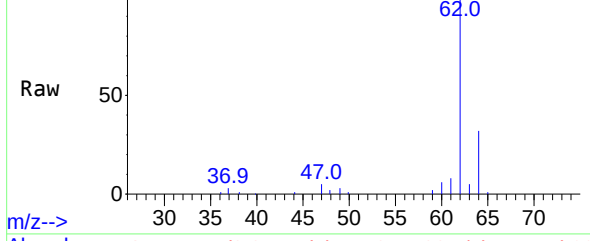
Abundance



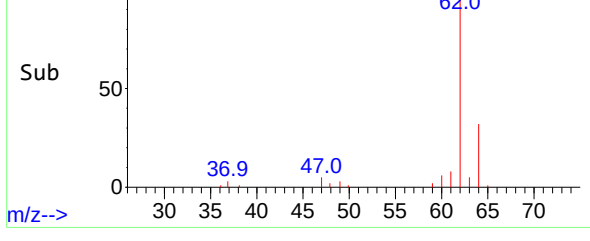
Abundance Scan 117 (2.275 min): VD074399.D\data.ms (-11)



Abundance Scan 117 (2.275 min): VD074400.D\data.ms



Abundance Scan 117 (2.275 min): VD074400.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 95.777 ug/l

RT: 2.275 min Scan# 117

Delta R.T. 0.000 min

Lab File: VD074400.D

Acq: 22 Sep 2022 12:40

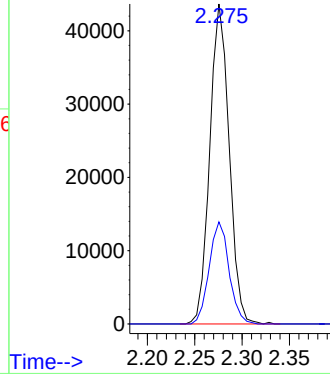
Tgt Ion: 62 Resp: 62201

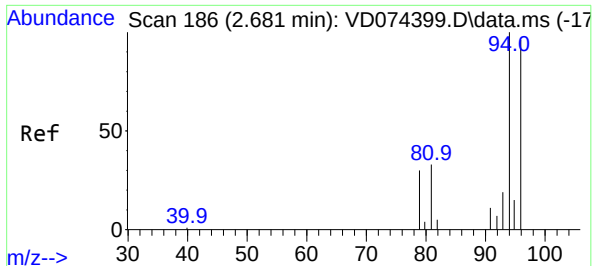
Ion Ratio Lower Upper

62 100

64 31.9 27.0 40.4

Abundance

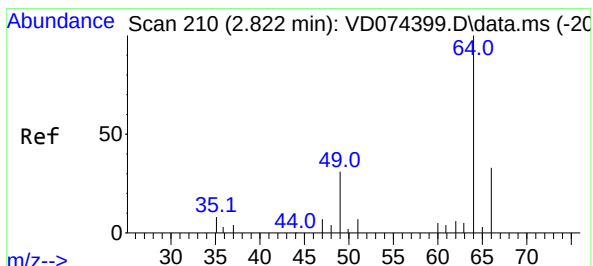
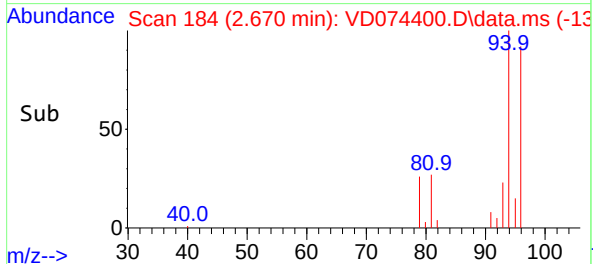
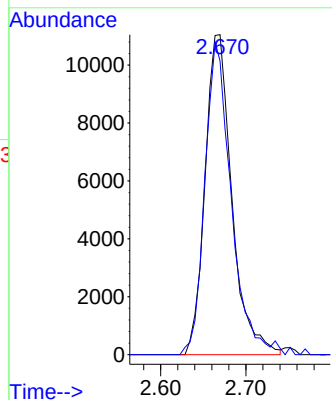
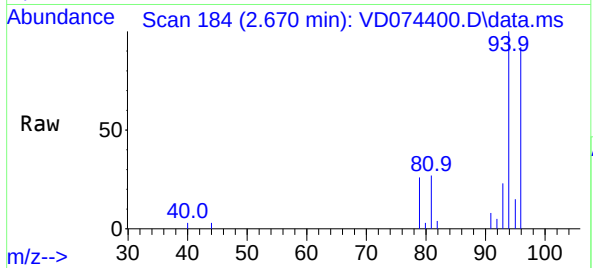




#5  
Bromomethane  
Concen: 102.688 ug/l  
RT: 2.670 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

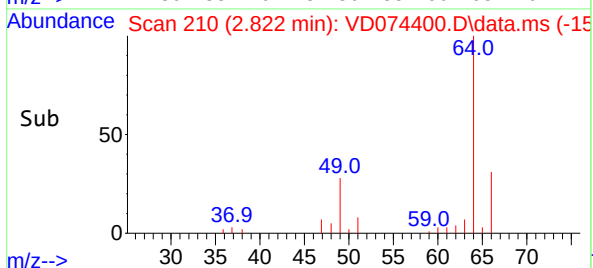
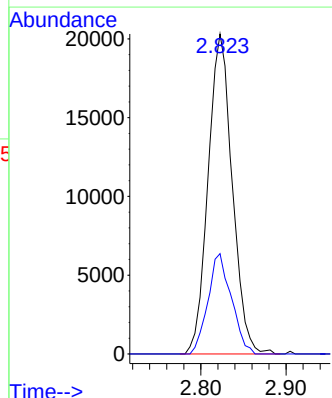
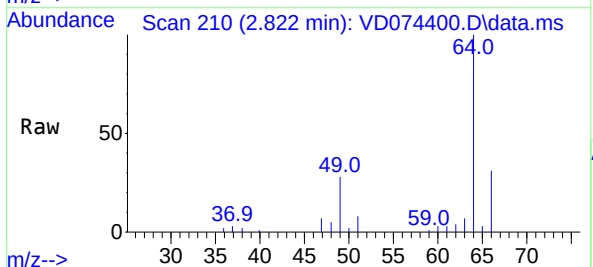
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

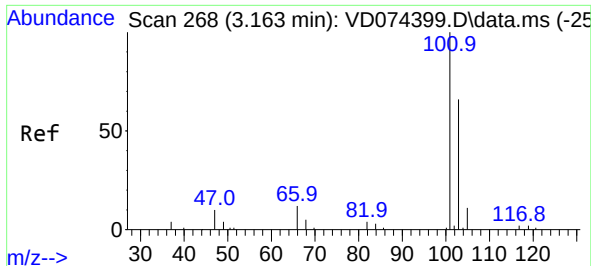
Tgt Ion: 94 Resp: 24156  
Ion Ratio Lower Upper  
94 100  
96 91.8 74.6 112.0



#6  
Chloroethane  
Concen: 97.252 ug/l  
RT: 2.822 min Scan# 210  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 64 Resp: 39929  
Ion Ratio Lower Upper  
64 100  
66 31.3 24.6 36.8

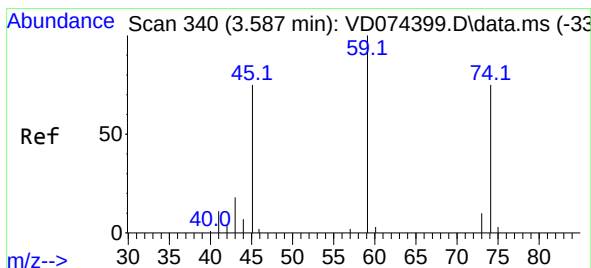
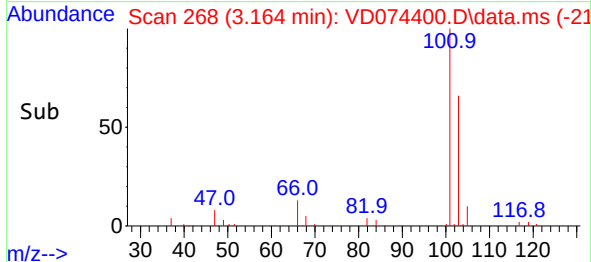
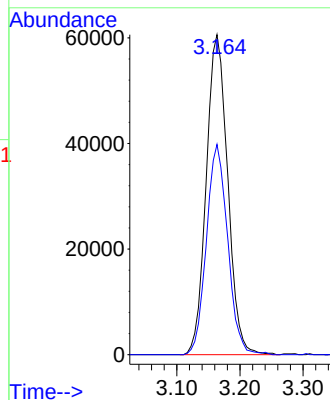
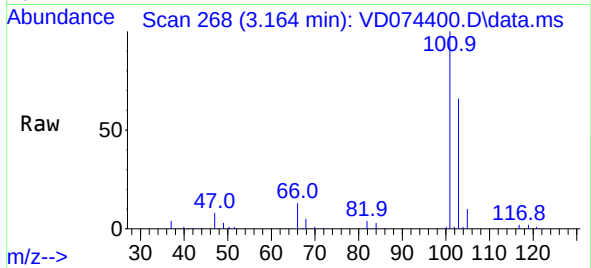




#7  
 Trichlorofluoromethane  
 Concen: 97.727 ug/l  
 RT: 3.164 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VD074400.D  
 Acq: 22 Sep 2022 12:40

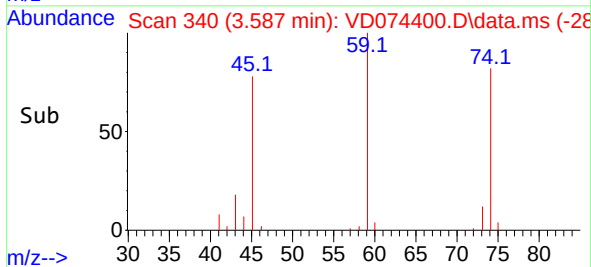
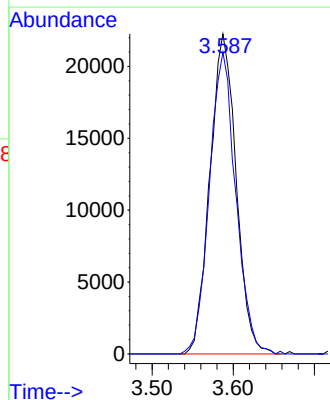
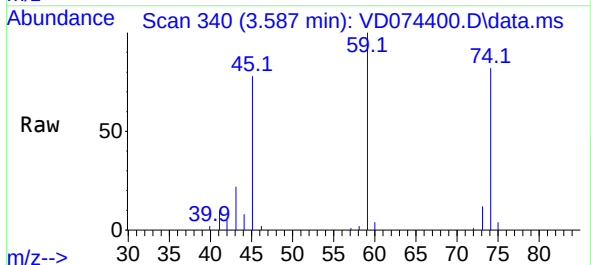
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

Tgt Ion:101 Resp: 142918  
 Ion Ratio Lower Upper  
 101 100  
 103 65.7 50.6 76.0

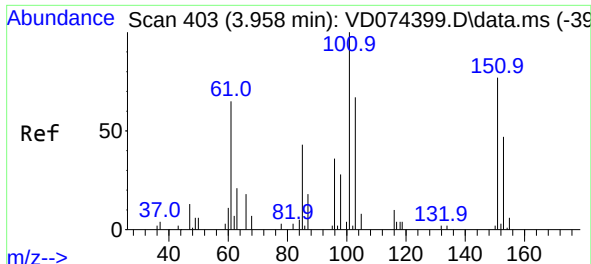


#8  
 Diethyl Ether  
 Concen: 101.076 ug/l  
 RT: 3.587 min Scan# 340  
 Delta R.T. 0.000 min  
 Lab File: VD074400.D  
 Acq: 22 Sep 2022 12:40

Tgt Ion: 74 Resp: 50022  
 Ion Ratio Lower Upper  
 74 100  
 45 94.9 47.9 143.6



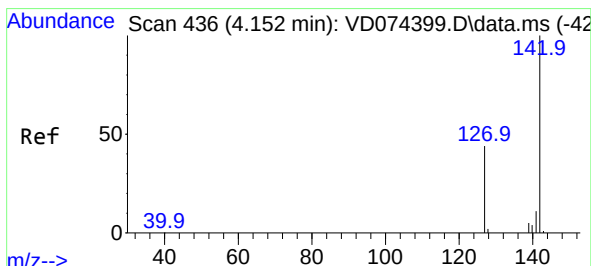
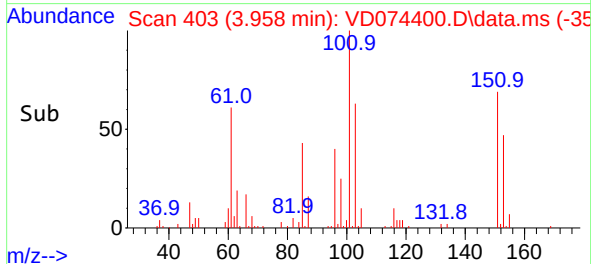
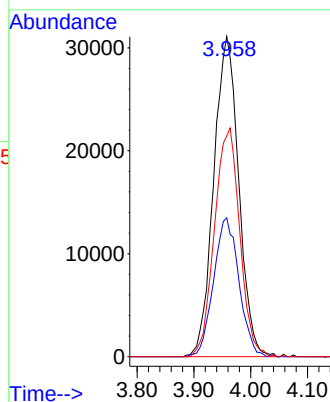
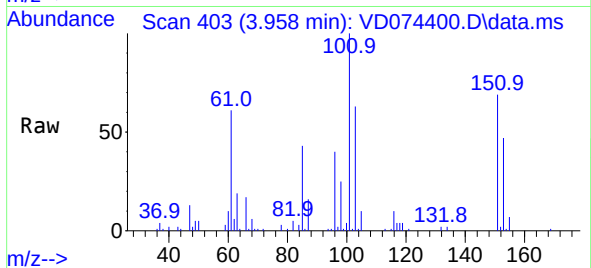




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 96.921 ug/l  
RT: 3.958 min Scan# 403  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

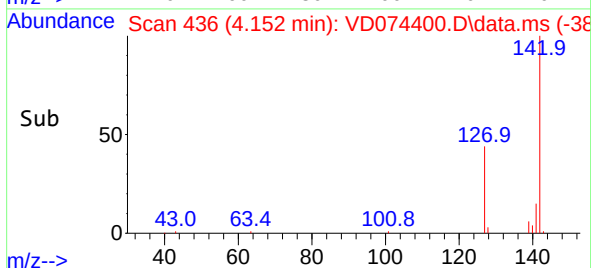
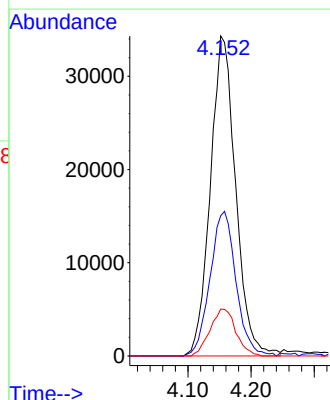
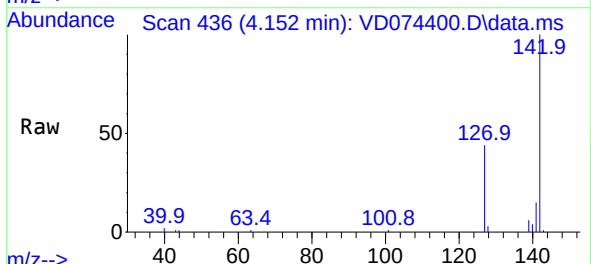
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

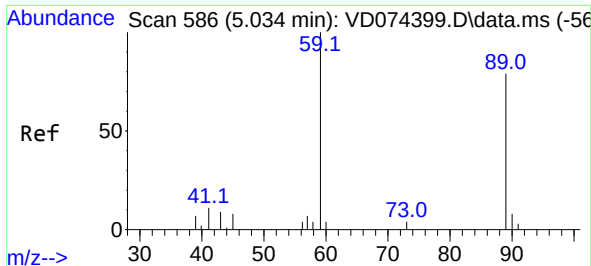
Tgt Ion:101 Resp: 95032  
Ion Ratio Lower Upper  
101 100  
85 43.9 35.0 52.4  
151 72.1 59.7 89.5



#10  
Methyl Iodide  
Concen: 138.071 ug/l  
RT: 4.152 min Scan# 436  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion:142 Resp: 95532  
Ion Ratio Lower Upper  
142 100  
127 46.2 34.6 51.8  
141 15.0 11.7 17.5

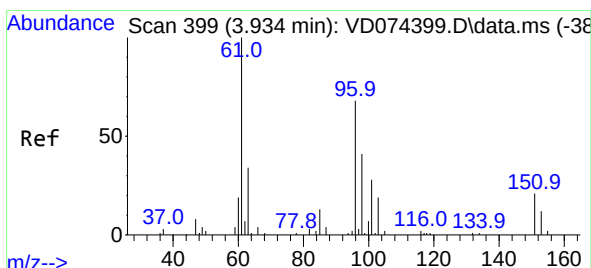
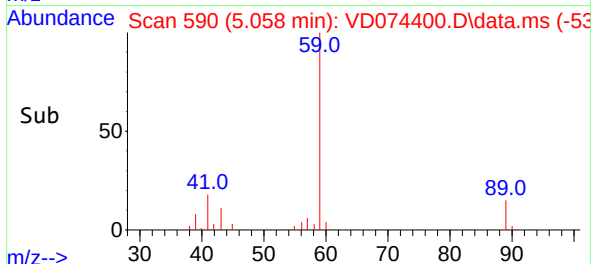
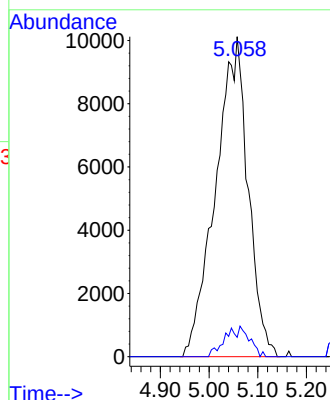
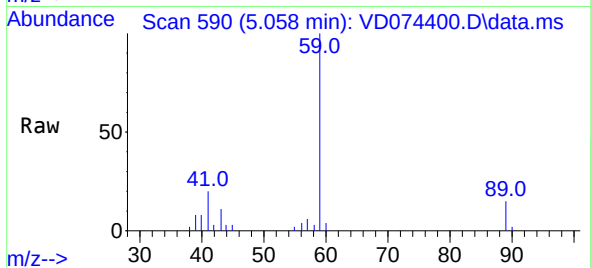




#11  
Tert butyl alcohol  
Concen: 181.963 ug/l  
RT: 5.058 min Scan# 591  
Delta R.T. 0.024 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

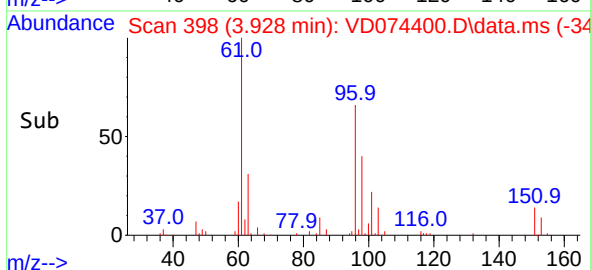
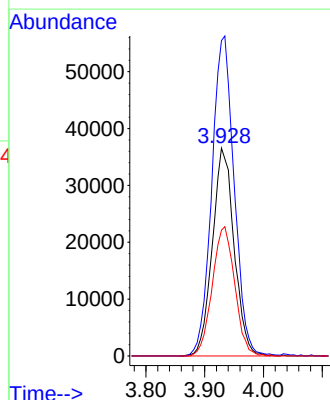
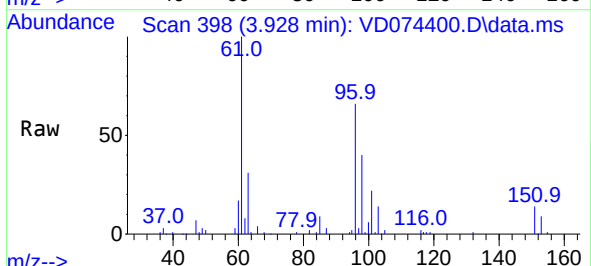
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

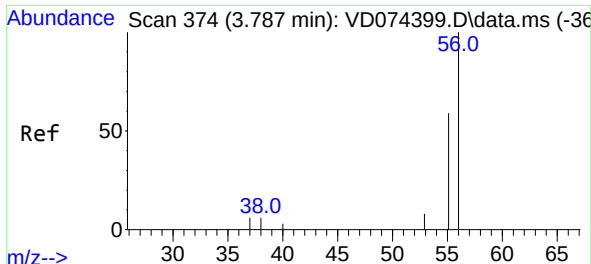
Tgt Ion: 59 Resp: 46894  
Ion Ratio Lower Upper  
59 100  
57 3.3 7.7 11.5#



#12  
1,1-Dichloroethene  
Concen: 98.446 ug/l  
RT: 3.928 min Scan# 398  
Delta R.T. -0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 96 Resp: 94114  
Ion Ratio Lower Upper  
96 100  
61 151.7 122.3 183.5  
98 60.5 50.7 76.1

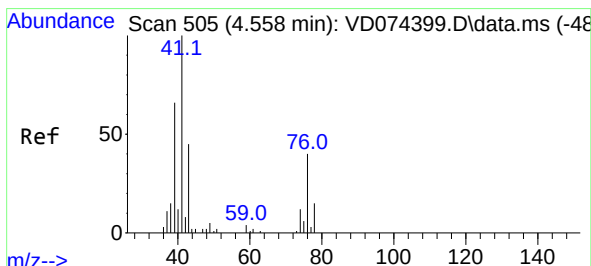
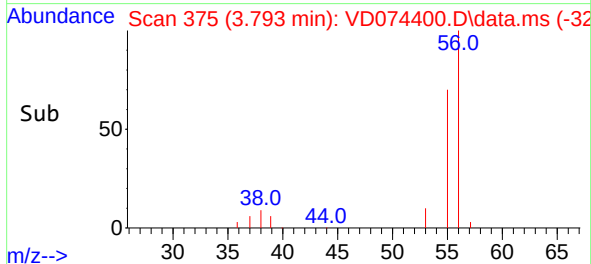
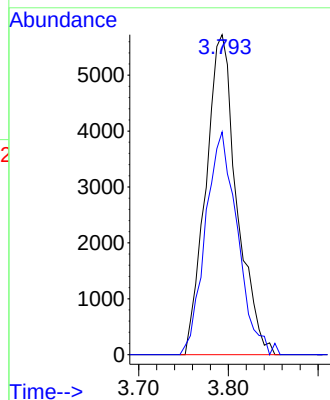
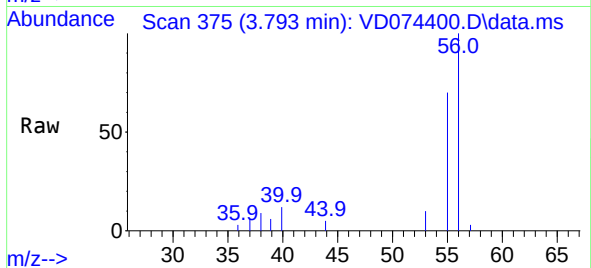




#13  
Acrolein  
Concen: 383.064 ug/l  
RT: 3.793 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

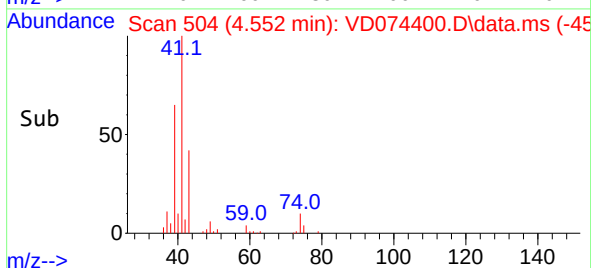
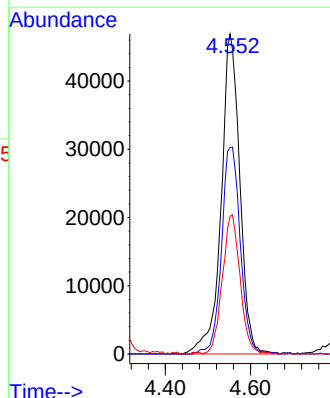
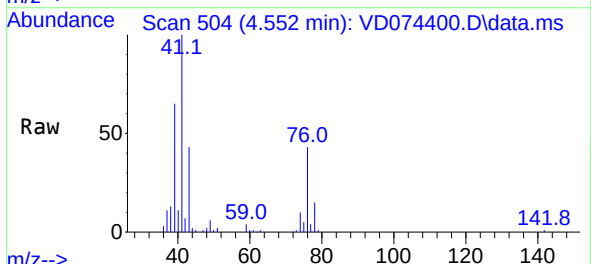
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

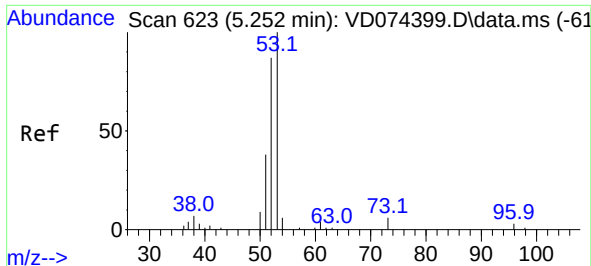
Tgt Ion: 56 Resp: 13727  
Ion Ratio Lower Upper  
56 100  
55 72.1 57.4 86.2



#14  
Allyl chloride  
Concen: 98.808 ug/l  
RT: 4.552 min Scan# 504  
Delta R.T. -0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 41 Resp: 143085  
Ion Ratio Lower Upper  
41 100  
39 65.1 52.8 79.2  
76 41.4 32.9 49.3

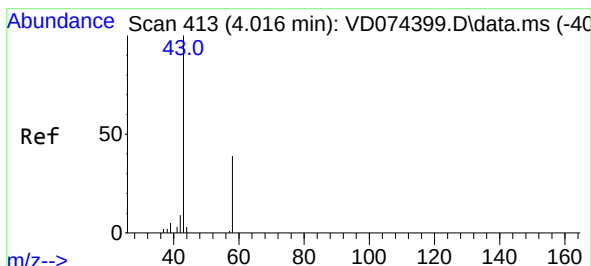
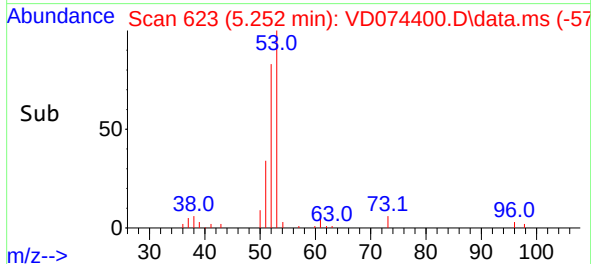
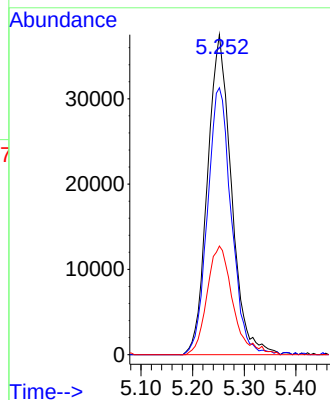
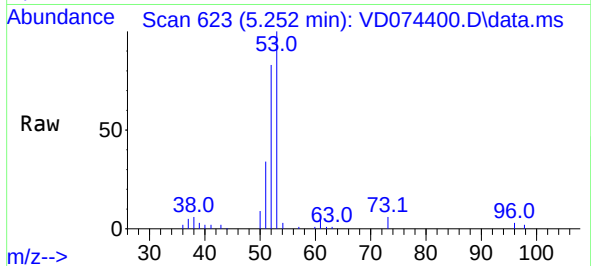




#15  
Acrylonitrile  
Concen: 504.321 ug/l  
RT: 5.252 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

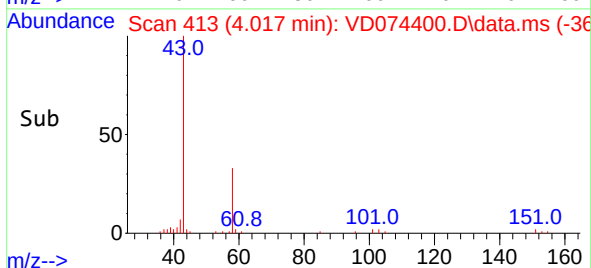
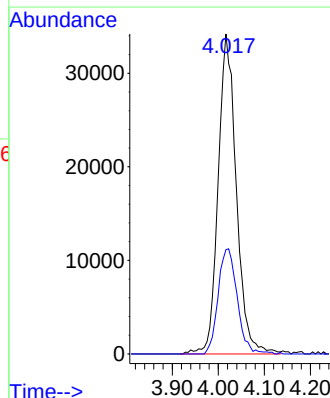
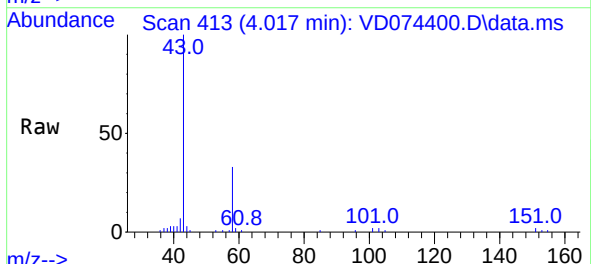
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

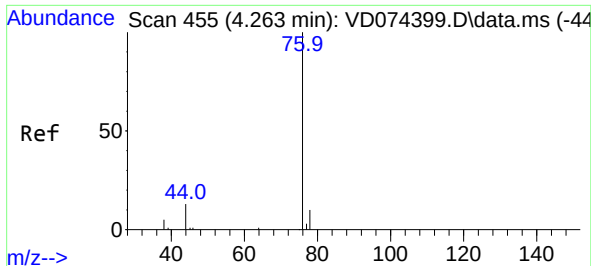
Tgt Ion: 53 Resp: 120647  
Ion Ratio Lower Upper  
53 100  
52 83.1 65.3 97.9  
51 36.6 29.0 43.6



#16  
Acetone  
Concen: 471.381 ug/l  
RT: 4.017 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 43 Resp: 93702  
Ion Ratio Lower Upper  
43 100  
58 32.6 26.4 39.6

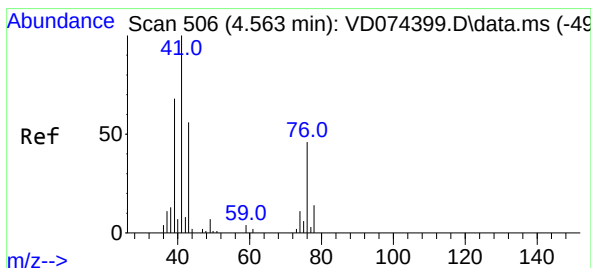
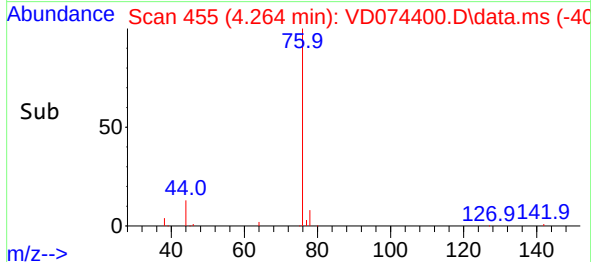
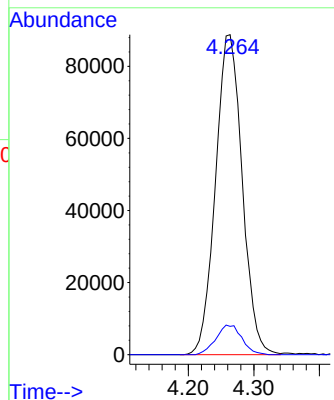
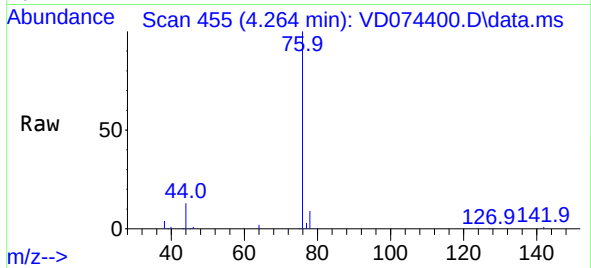




#17  
Carbon Disulfide  
Concen: 97.648 ug/l  
RT: 4.264 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

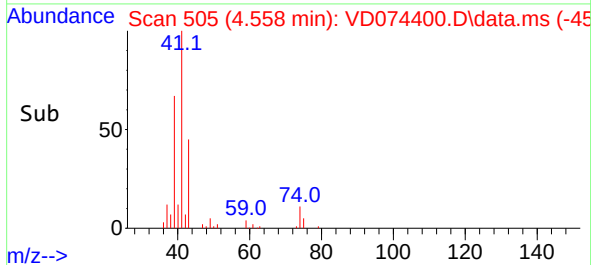
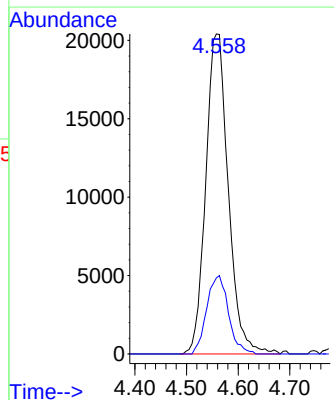
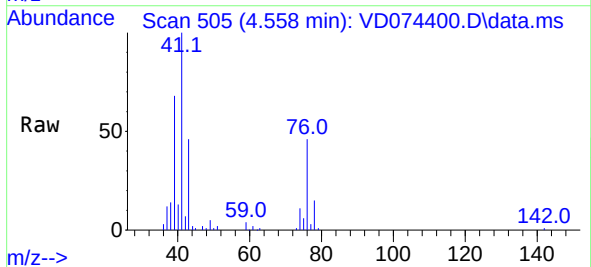
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

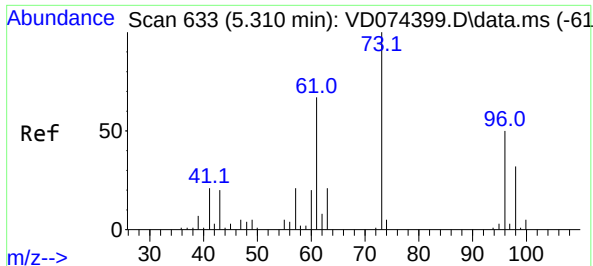
Tgt Ion: 76 Resp: 250643  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.2 10.8



#18  
Methyl Acetate  
Concen: 89.544 ug/l  
RT: 4.558 min Scan# 505  
Delta R.T. -0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 43 Resp: 61804  
Ion Ratio Lower Upper  
43 100  
74 23.6 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 99.950 ug/l

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074400.D

Acq: 22 Sep 2022 12:40

Instrument :

MSVOA\_D

ClientSampleId :

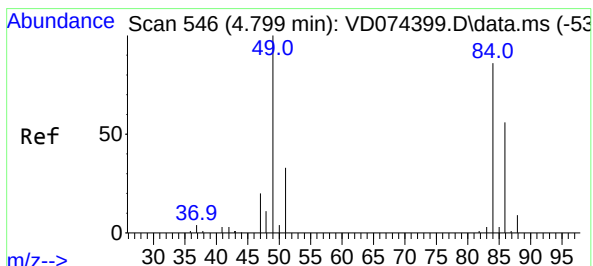
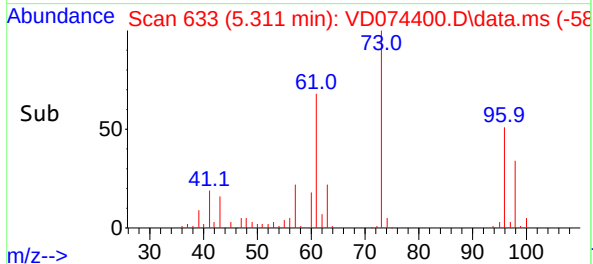
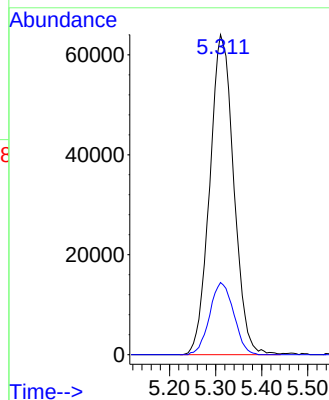
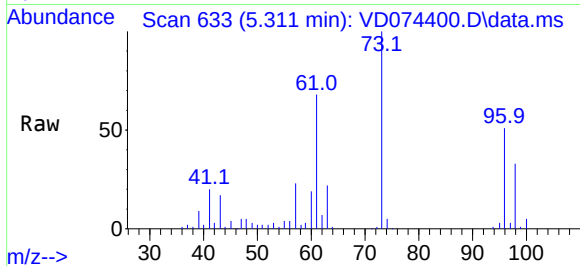
VSTDIC100

Tgt Ion: 73 Resp: 231899

Ion Ratio Lower Upper

73 100

57 22.6 17.8 26.6



#20

Methylene Chloride

Concen: 55.945 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD074400.D

Acq: 22 Sep 2022 12:40

Tgt Ion: 84 Resp: 116191

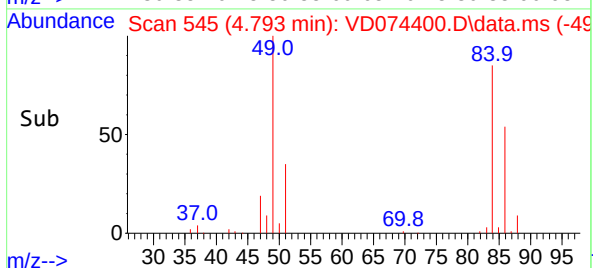
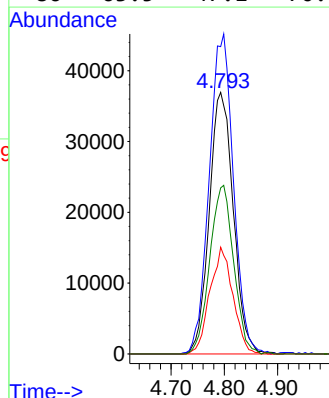
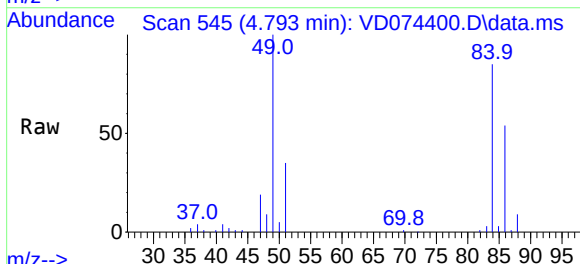
Ion Ratio Lower Upper

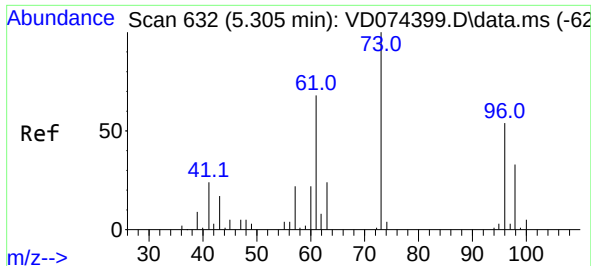
84 100

49 117.5 88.4 132.6

51 40.8 28.0 42.0

86 63.5 47.1 70.7

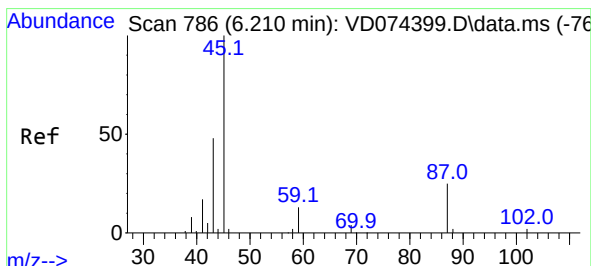
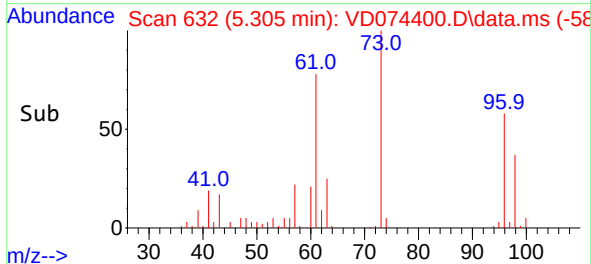
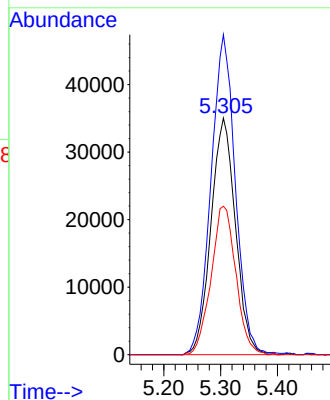
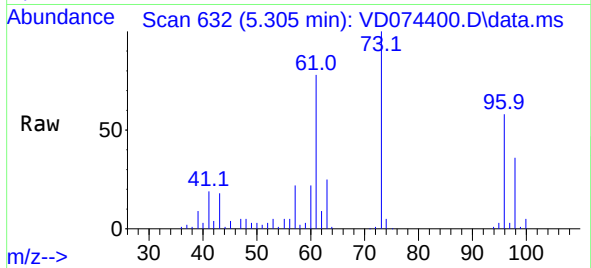




#21  
trans-1,2-Dichloroethene  
Concen: 98.156 ug/l  
RT: 5.305 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

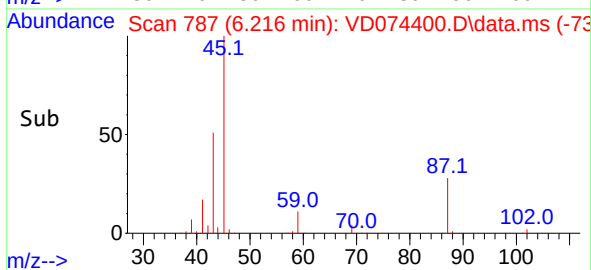
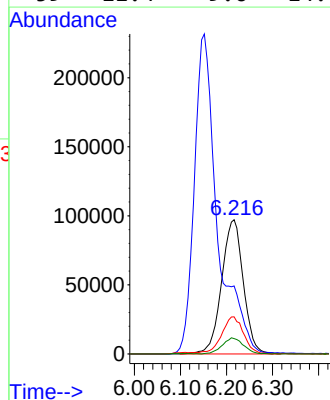
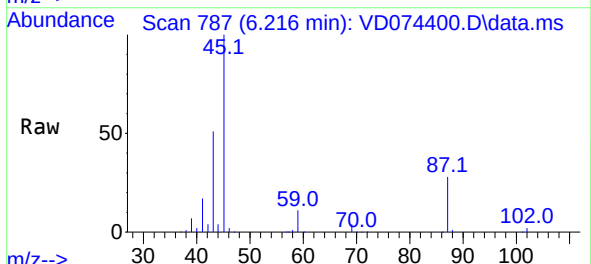
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

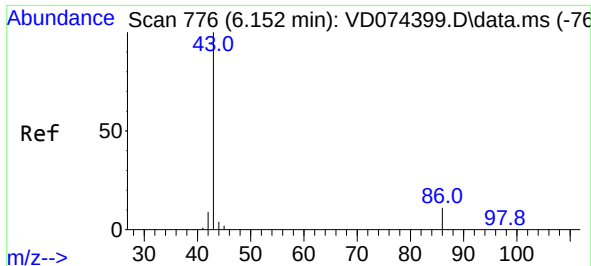
Tgt Ion: 96 Resp: 104881  
Ion Ratio Lower Upper  
96 100  
61 135.2 105.1 157.7  
98 62.7 47.4 71.2



#22  
Diisopropyl ether  
Concen: 99.151 ug/l  
RT: 6.216 min Scan# 787  
Delta R.T. 0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 45 Resp: 317900  
Ion Ratio Lower Upper  
45 100  
43 50.1 38.9 58.3  
87 27.7 21.0 31.4  
59 11.4 9.6 14.4

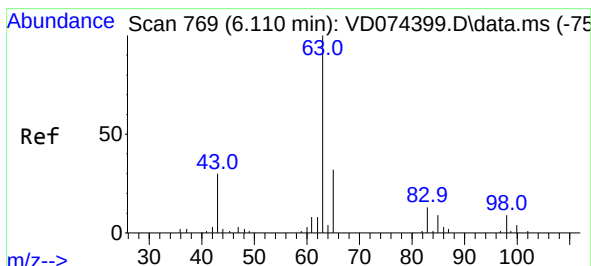
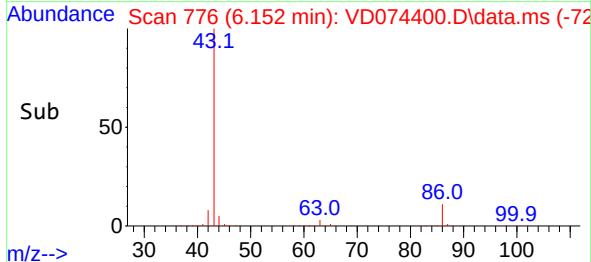
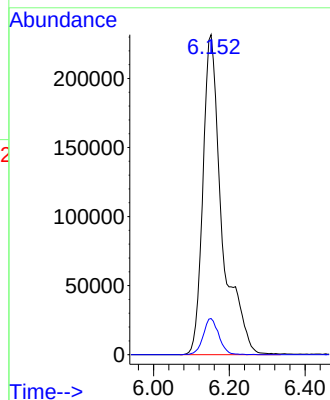
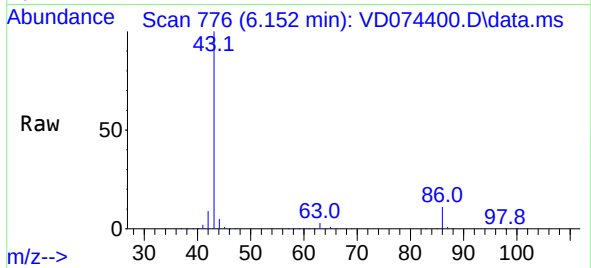




#23  
 Vinyl Acetate  
 Concen: 578.533 ug/l  
 RT: 6.152 min Scan# 776  
 Delta R.T. 0.000 min  
 Lab File: VD074400.D  
 Acq: 22 Sep 2022 12:40

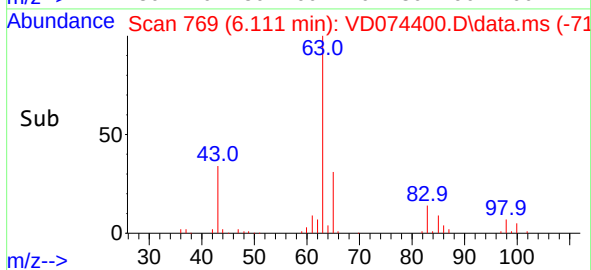
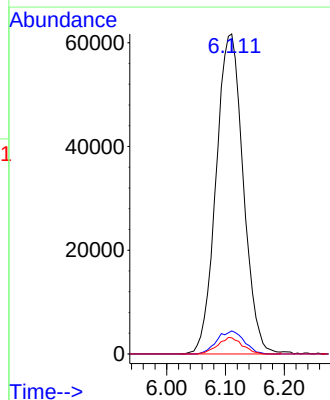
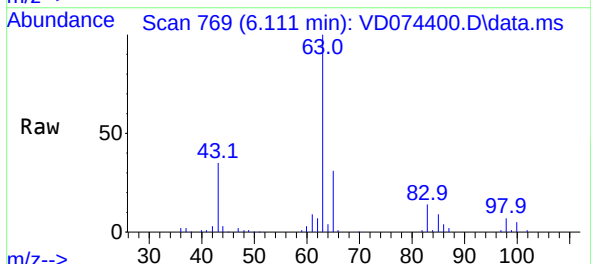
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 43 Resp: 812222  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 8.6 13.0

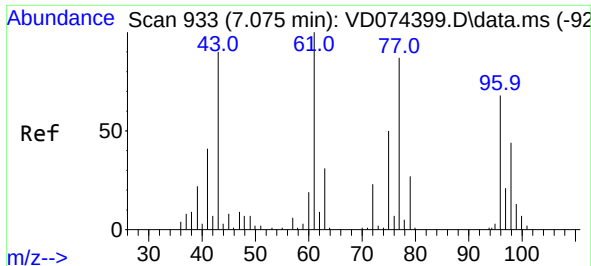


#24  
 1,1-Dichloroethane  
 Concen: 97.926 ug/l  
 RT: 6.111 min Scan# 769  
 Delta R.T. 0.000 min  
 Lab File: VD074400.D  
 Acq: 22 Sep 2022 12:40

Tgt Ion: 63 Resp: 197605  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 2.8 8.4  
 100 5.1 2.2 6.6



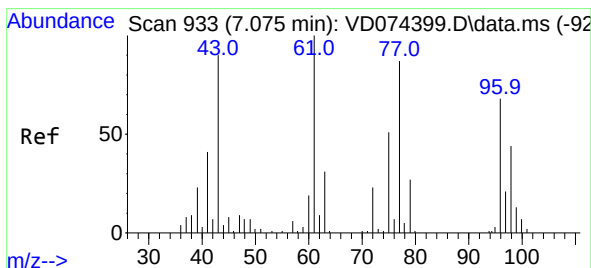
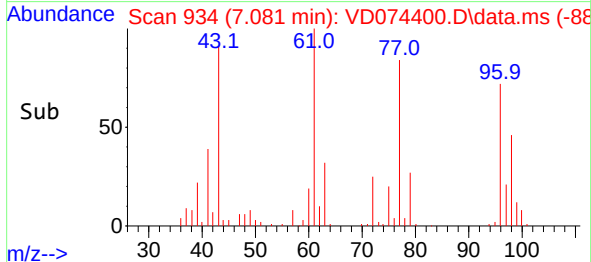
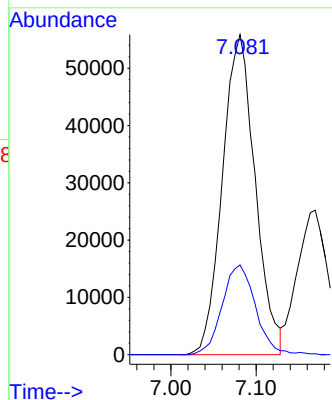
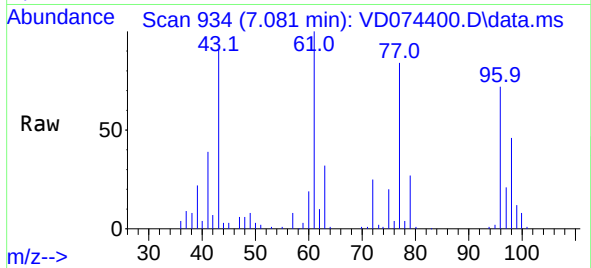




#25  
2-Butanone  
Concen: 464.834 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

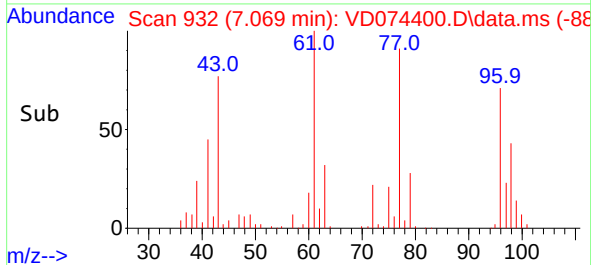
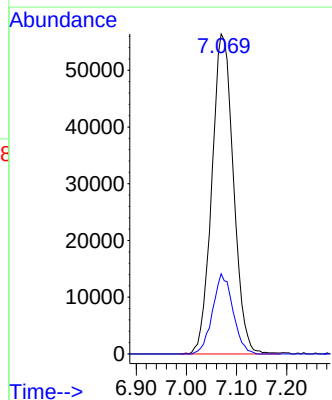
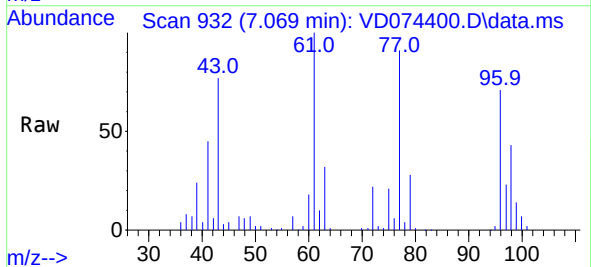
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

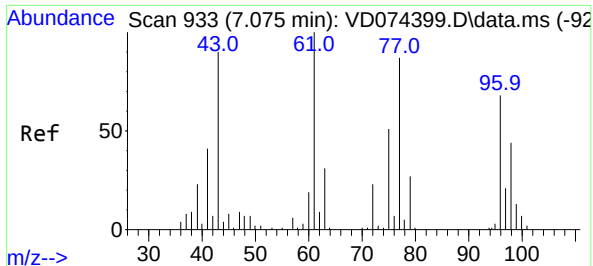
Tgt Ion: 43 Resp: 149120  
Ion Ratio Lower Upper  
43 100  
72 28.1 21.8 32.6



#26  
2,2-Dichloropropane  
Concen: 94.026 ug/l  
RT: 7.069 min Scan# 932  
Delta R.T. -0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 77 Resp: 168812  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.5 34.4

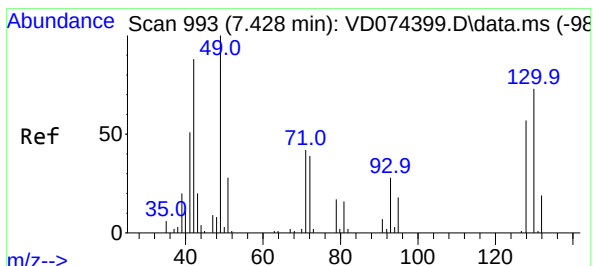
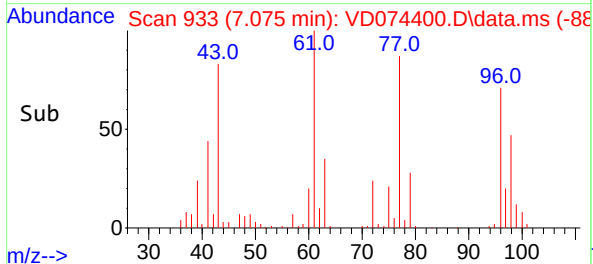
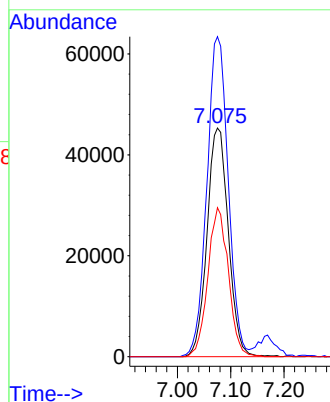
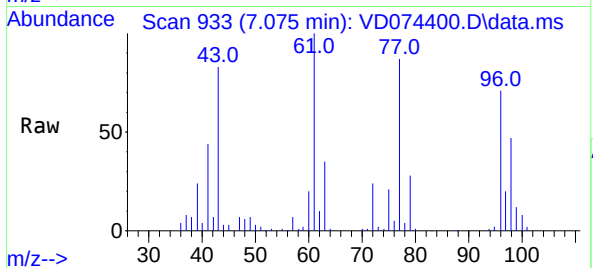




#27  
cis-1,2-Dichloroethene  
Concen: 100.270 ug/l  
RT: 7.075 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

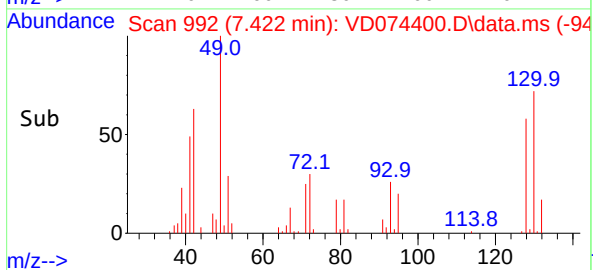
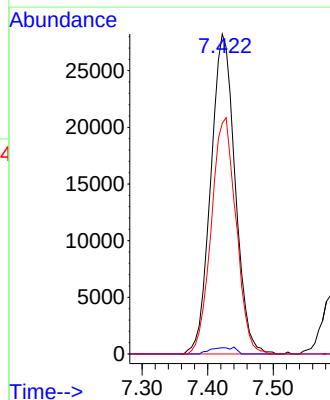
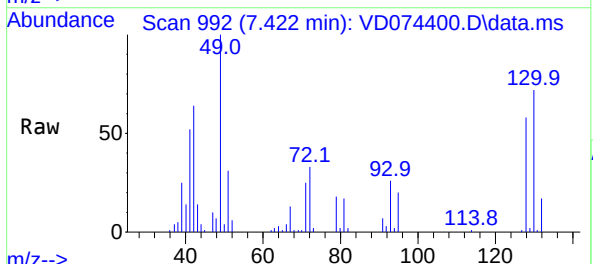
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

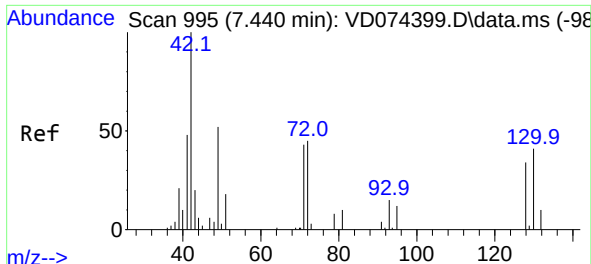
Tgt Ion: 96 Resp: 126064  
Ion Ratio Lower Upper  
96 100  
61 140.1 0.0 289.4  
98 62.8 0.0 130.2



#28  
Bromochloromethane  
Concen: 97.498 ug/l  
RT: 7.422 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 49 Resp: 72598  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 3.6  
130 75.0 62.2 93.2

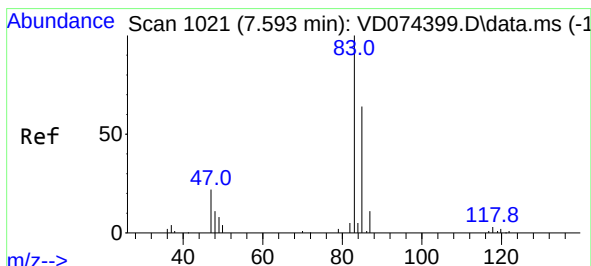
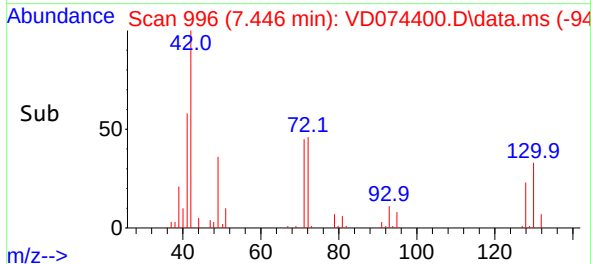
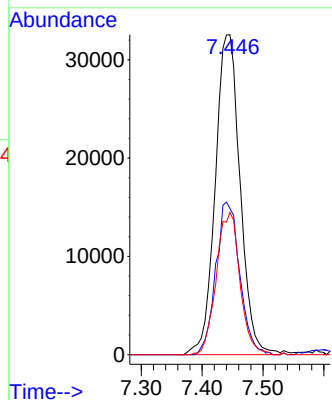
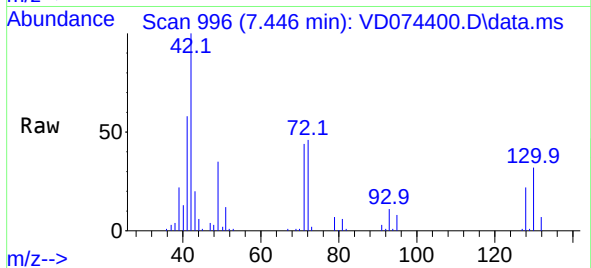




#29  
Tetrahydrofuran  
Concen: 496.998 ug/l  
RT: 7.446 min Scan# 995  
Delta R.T. 0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

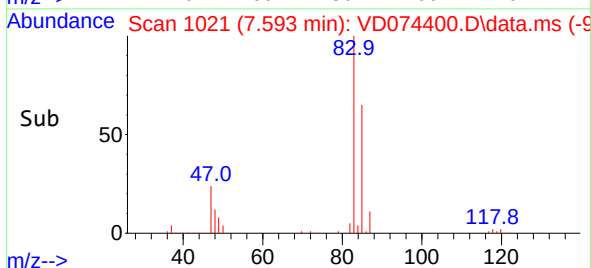
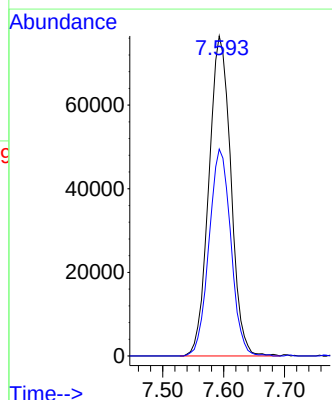
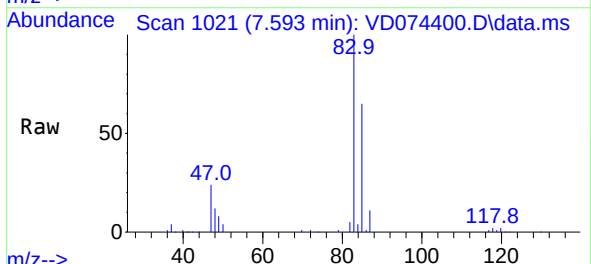
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

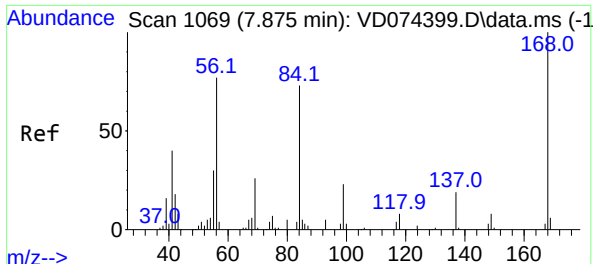
Tgt Ion: 42 Resp: 92188  
Ion Ratio Lower Upper  
42 100  
72 45.9 36.1 54.1  
71 42.4 34.1 51.1



#30  
Chloroform  
Concen: 96.446 ug/l  
RT: 7.593 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 83 Resp: 191872  
Ion Ratio Lower Upper  
83 100  
85 64.7 56.7 85.1

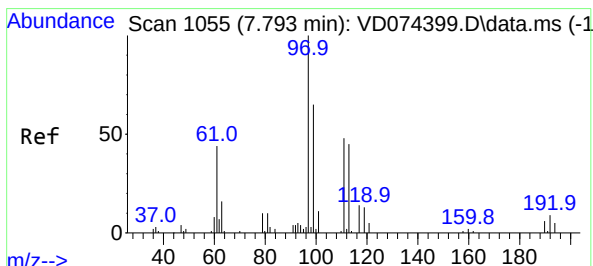
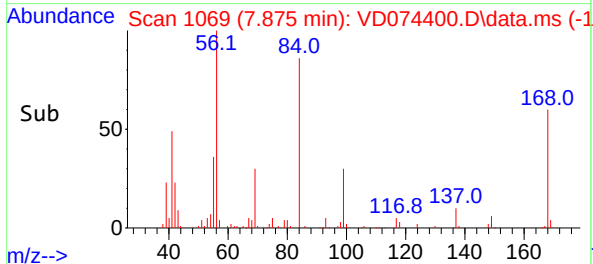
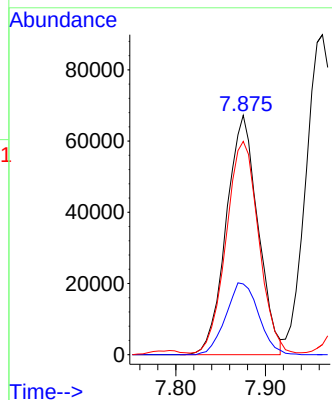
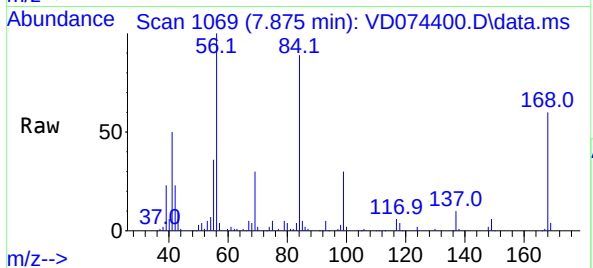




#31  
Cyclohexane  
Concen: 93.557 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

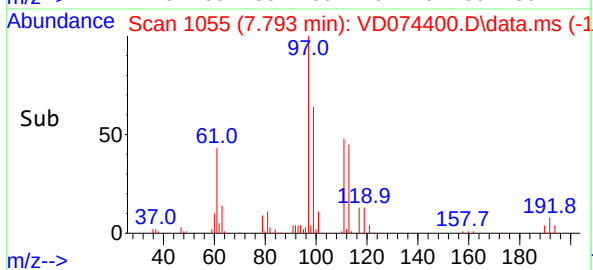
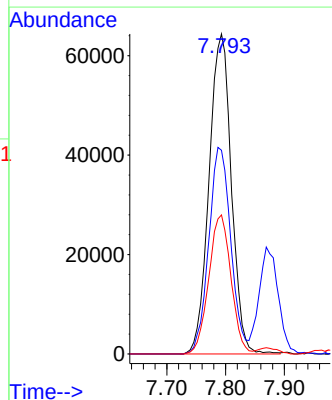
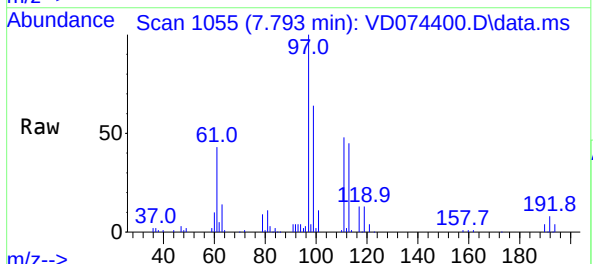
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

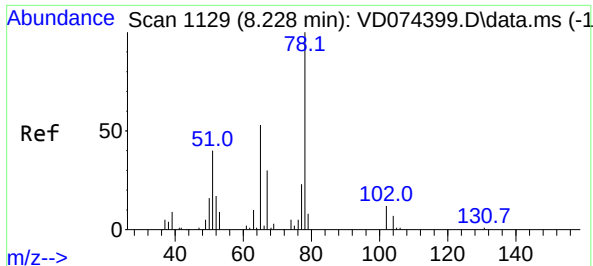
Tgt Ion: 56 Resp: 164668  
Ion Ratio Lower Upper  
56 100  
69 29.6 25.7 38.5  
84 88.2 73.9 110.9



#32  
1,1,1-Trichloroethane  
Concen: 98.973 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 97 Resp: 169459  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.2 76.8  
61 43.3 33.8 50.8

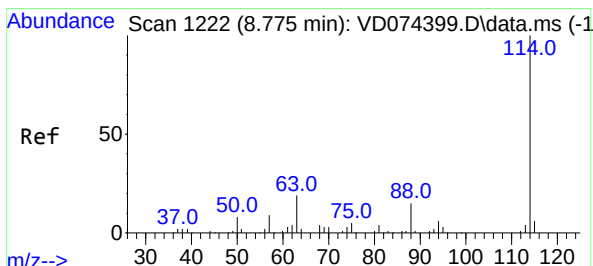
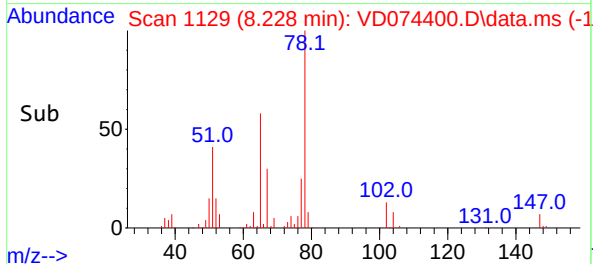
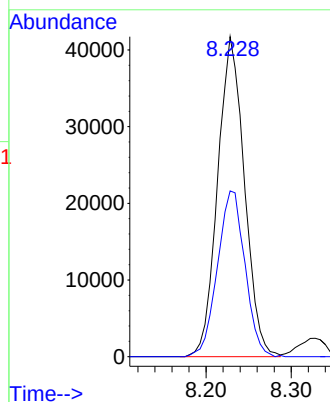
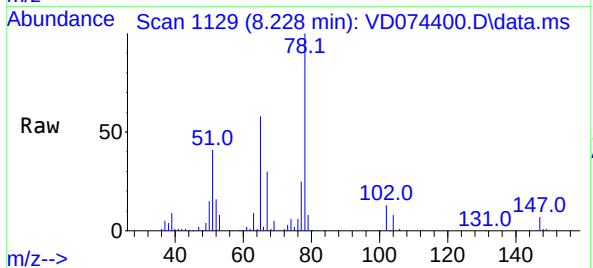




#33  
1,2-Dichloroethane-d4  
Concen: 96.627 ug/l  
RT: 8.228 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

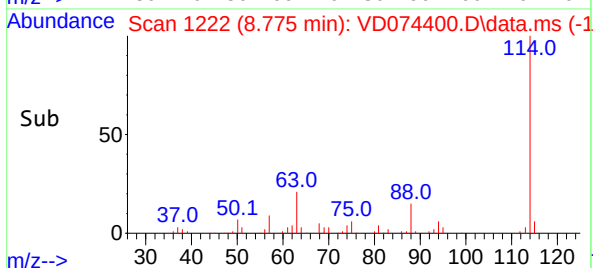
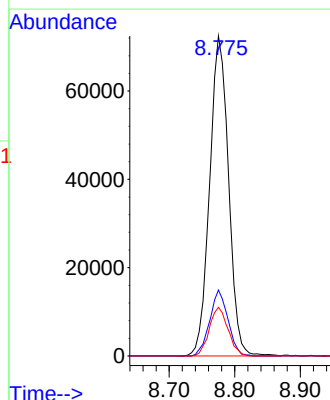
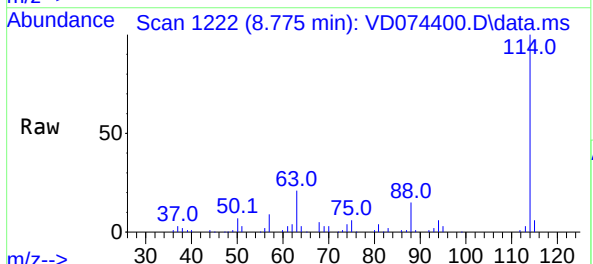
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

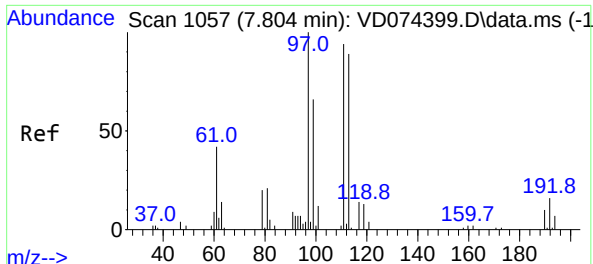
Tgt Ion: 65 Resp: 90980  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 110.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.775 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 114 Resp: 145088  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 37.6  
88 15.2 0.0 28.4

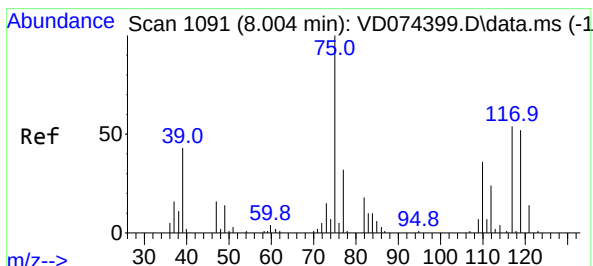
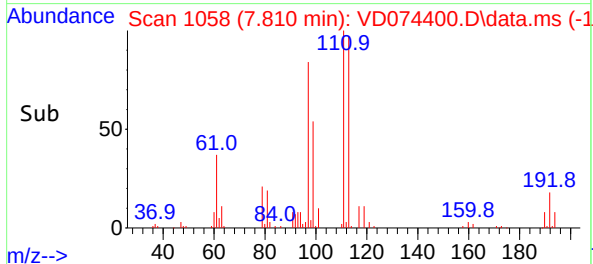
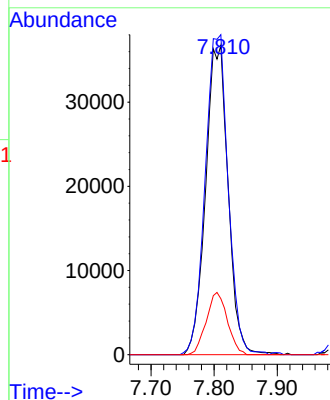
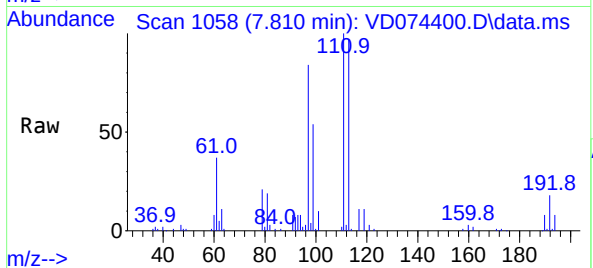




#35  
Dibromofluoromethane  
Concen: 90.245 ug/l  
RT: 7.810 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

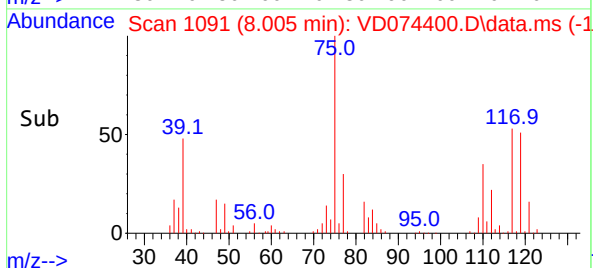
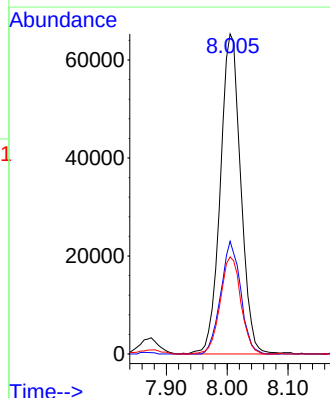
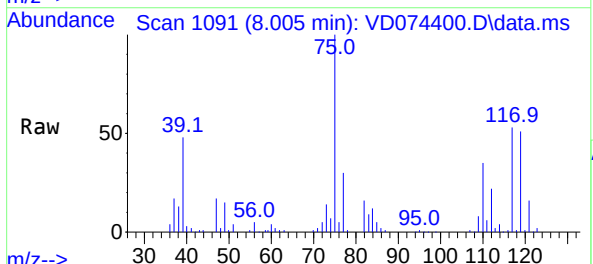
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

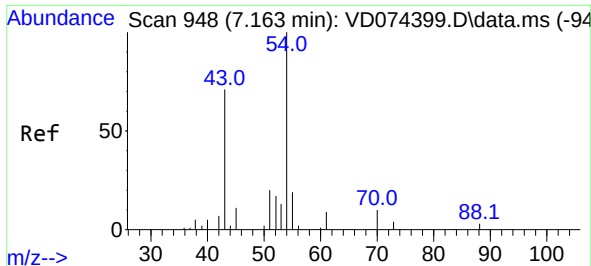
Tgt Ion:113 Resp: 90869  
Ion Ratio Lower Upper  
113 100  
111 105.4 83.0 124.6  
192 18.9 16.2 24.2



#36  
1,1-Dichloropropene  
Concen: 102.937 ug/l  
RT: 8.005 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 75 Resp: 152245  
Ion Ratio Lower Upper  
75 100  
110 34.2 17.5 52.5  
77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 104.870 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.006 min

Lab File: VD074400.D

Acq: 22 Sep 2022 12:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDICC100

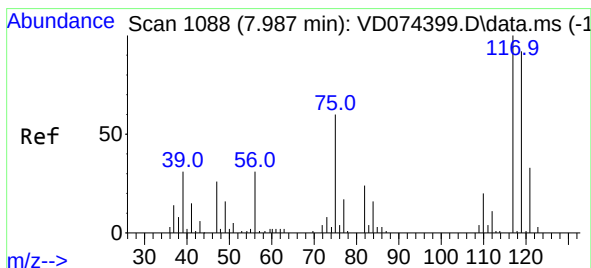
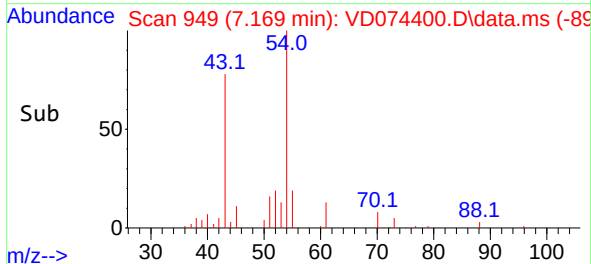
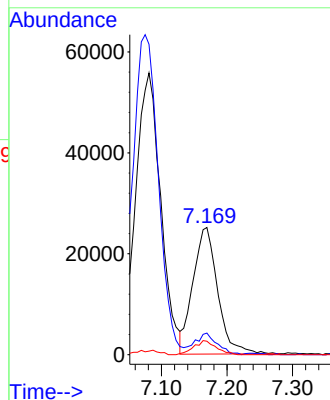
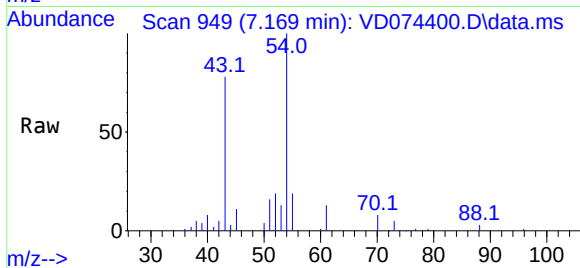
Tgt Ion: 43 Resp: 65800

Ion Ratio Lower Upper

43 100

61 15.4 12.1 18.1

70 10.0 8.5 12.7



#38

Carbon Tetrachloride

Concen: 111.976 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD074400.D

Acq: 22 Sep 2022 12:40

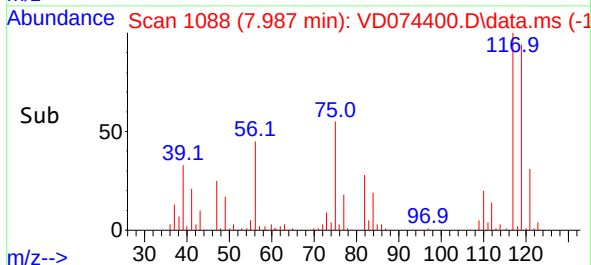
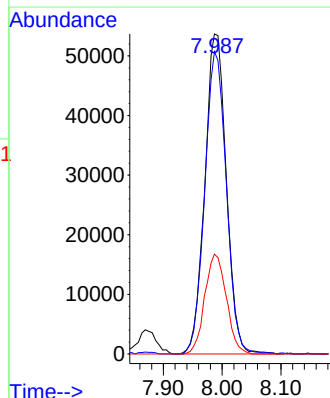
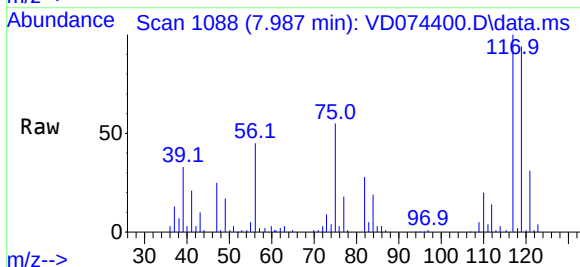
Tgt Ion: 117 Resp: 136674

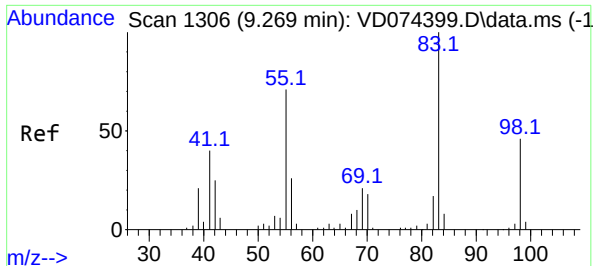
Ion Ratio Lower Upper

117 100

119 94.4 78.8 118.2

121 31.2 23.9 35.9

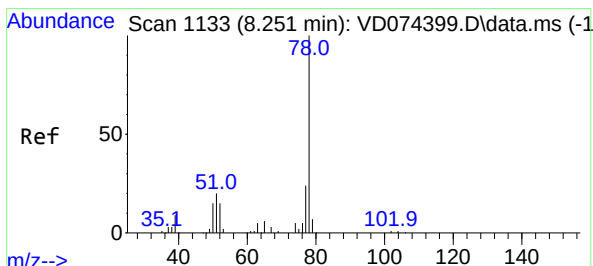
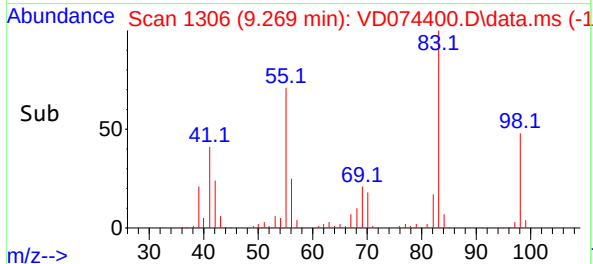
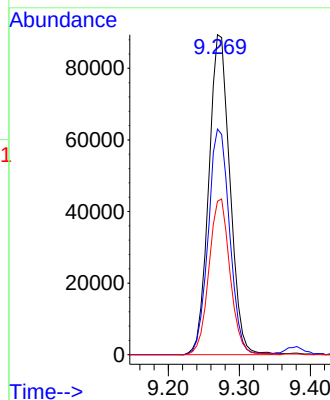
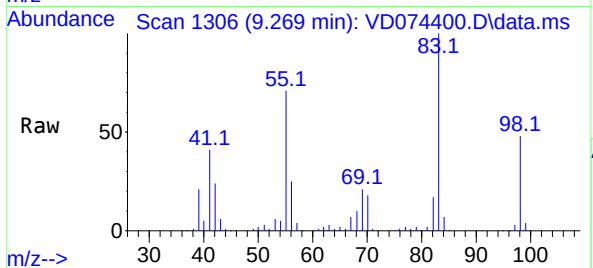




#39  
Methylcyclohexane  
Concen: 106.255 ug/l  
RT: 9.269 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

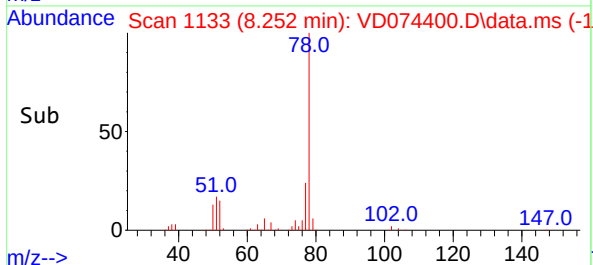
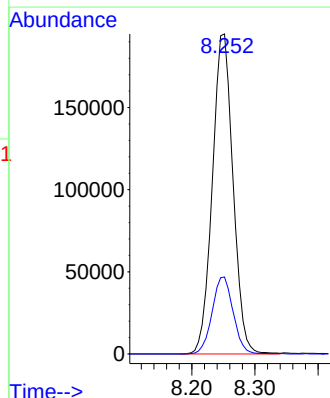
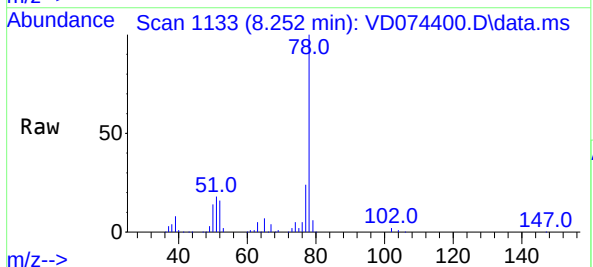
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

Tgt Ion: 83 Resp: 185029  
Ion Ratio Lower Upper  
83 100  
55 70.5 57.2 85.8  
98 48.0 38.3 57.5

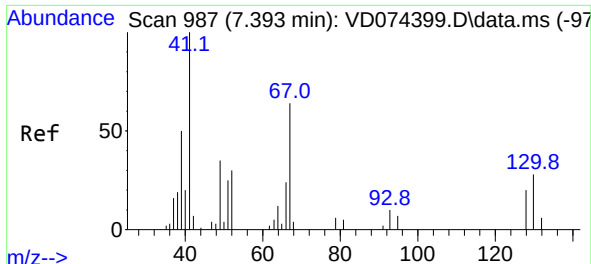


#40  
Benzene  
Concen: 102.963 ug/l  
RT: 8.252 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 78 Resp: 442614  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.4 29.2





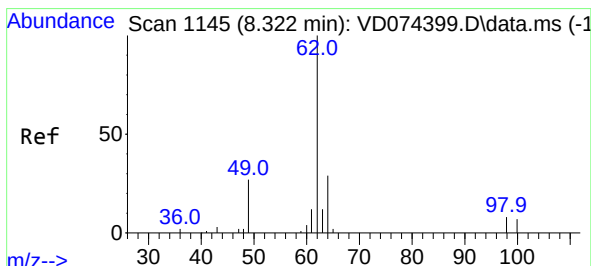
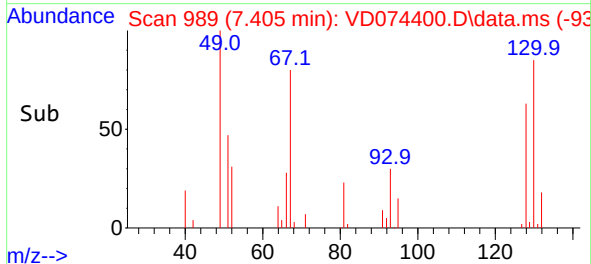
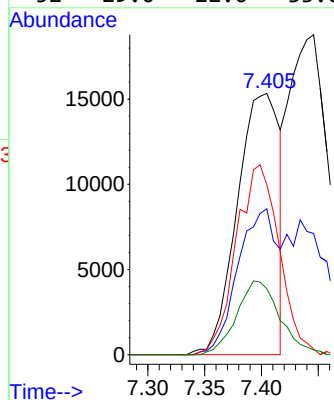
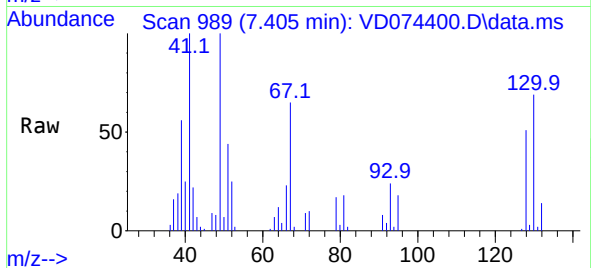


#41  
Methacrylonitrile  
Concen: 116.946 ug/l  
RT: 7.405 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Tgt Ion: 41 Resp: 39473

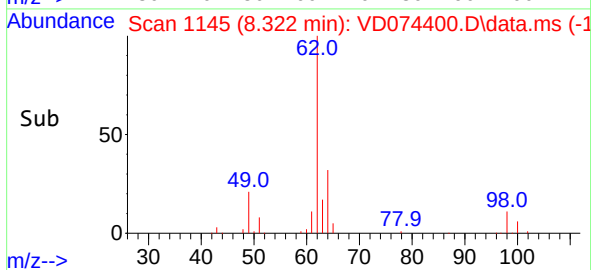
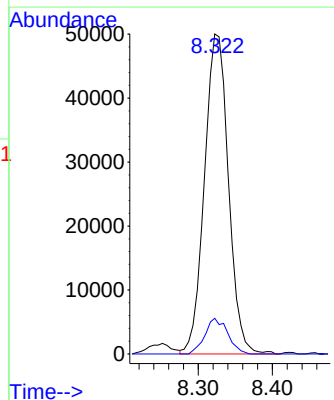
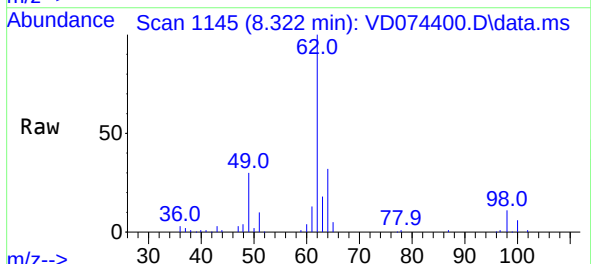
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.5  | 39.8  | 59.6  |
| 67  | 74.3  | 56.1  | 84.1  |
| 52  | 29.0  | 22.0  | 33.0  |

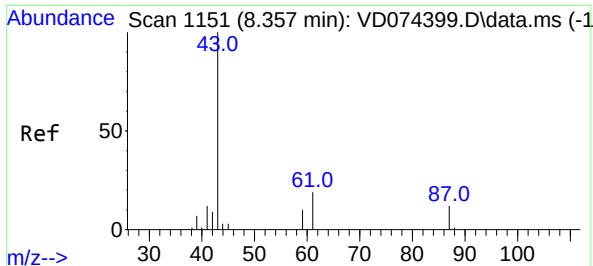


#42  
1,2-Dichloroethane  
Concen: 102.588 ug/l  
RT: 8.322 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 62 Resp: 112470

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.6  | 0.0   | 21.4  |

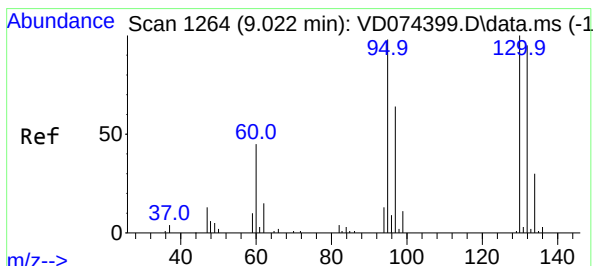
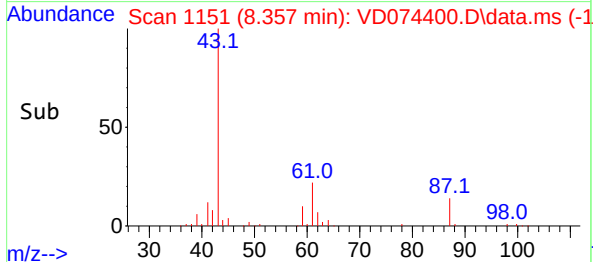
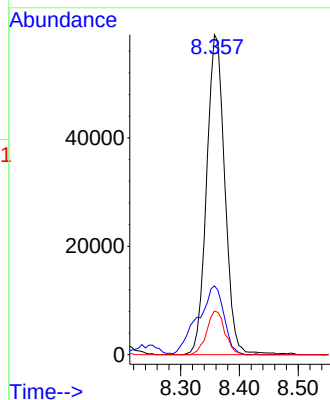
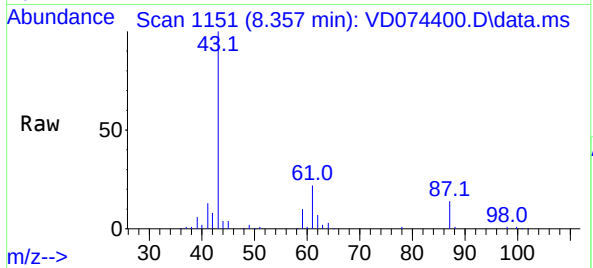




#43  
Isopropyl Acetate  
Concen: 102.443 ug/l  
RT: 8.357 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

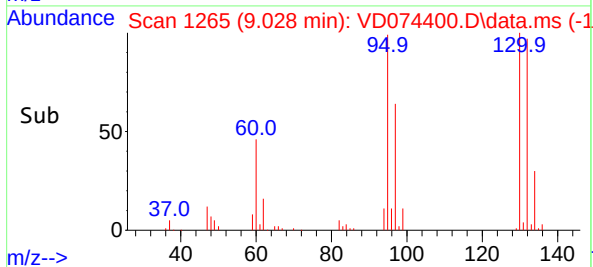
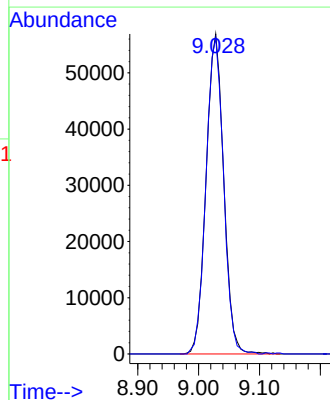
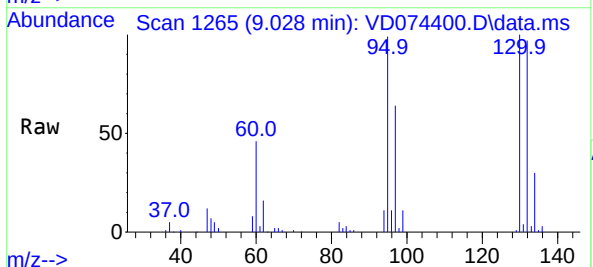
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

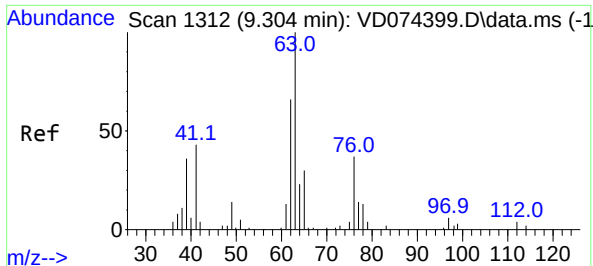
Tgt Ion: 43 Resp: 126798  
Ion Ratio Lower Upper  
43 100  
61 30.9 24.5 36.7  
87 13.6 10.8 16.2



#44  
Trichloroethene  
Concen: 102.242 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. 0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion:130 Resp: 114251  
Ion Ratio Lower Upper  
130 100  
95 98.8 0.0 202.2





#45

1,2-Dichloropropane

Concen: 102.070 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074400.D

Acq: 22 Sep 2022 12:40

Instrument :

MSVOA\_D

ClientSampleId :

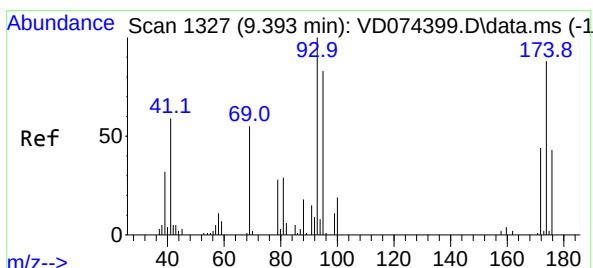
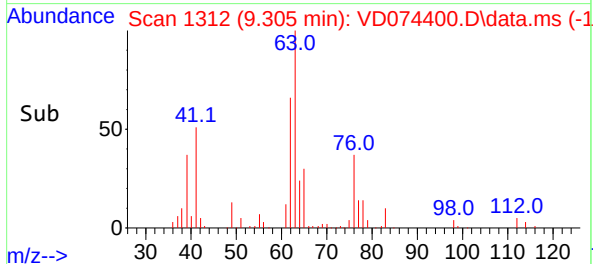
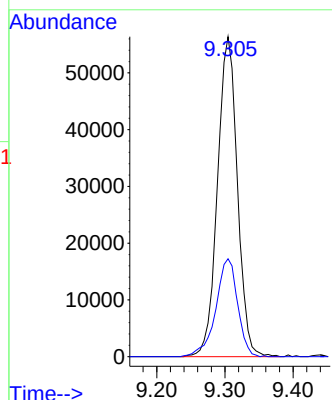
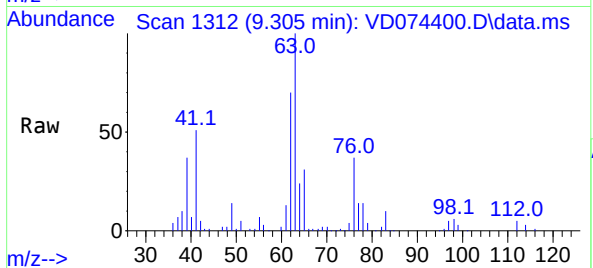
VSTDICC100

Tgt Ion: 63 Resp: 114705

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



#46

Dibromomethane

Concen: 104.361 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD074400.D

Acq: 22 Sep 2022 12:40

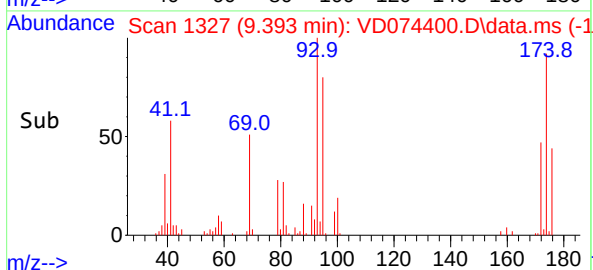
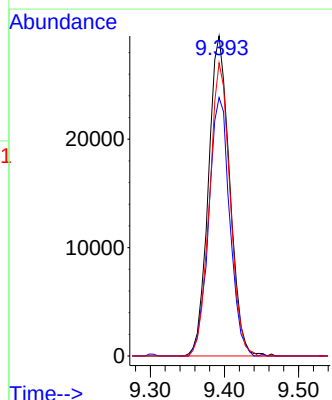
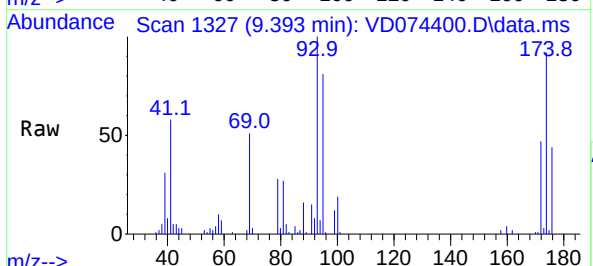
Tgt Ion: 93 Resp: 58662

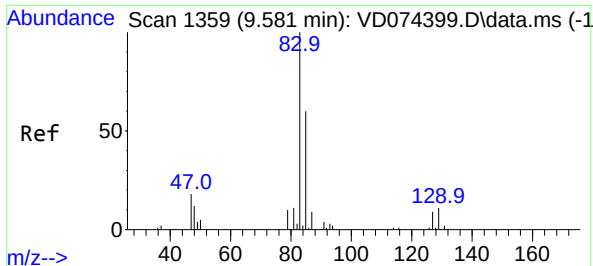
Ion Ratio Lower Upper

93 100

95 79.8 67.7 101.5

174 88.8 79.6 119.4

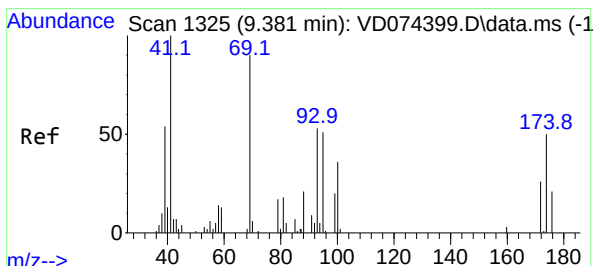
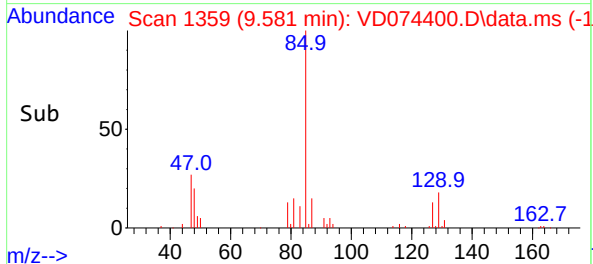
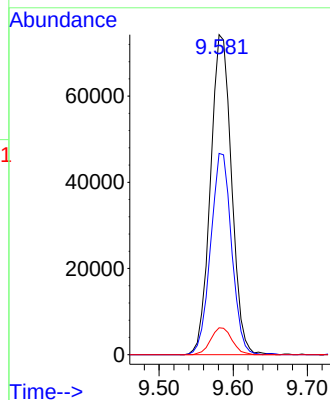
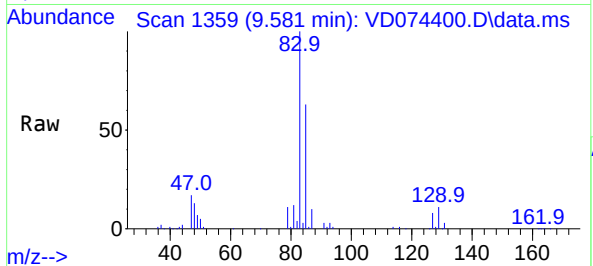




#47  
Bromodichloromethane  
Concen: 104.293 ug/l  
RT: 9.581 min Scan# 1359  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

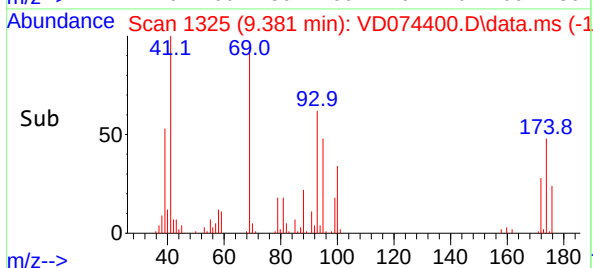
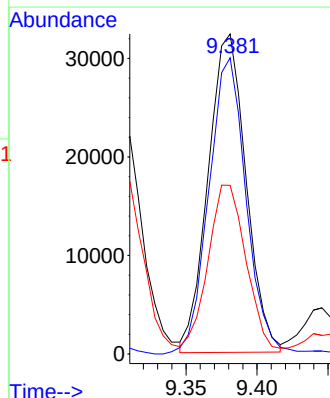
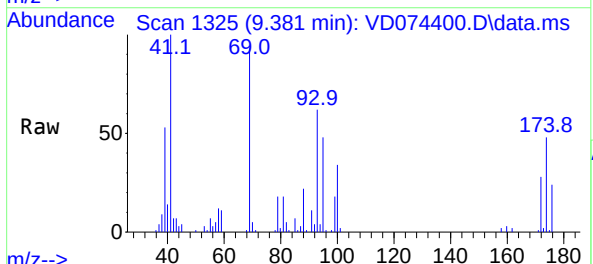
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

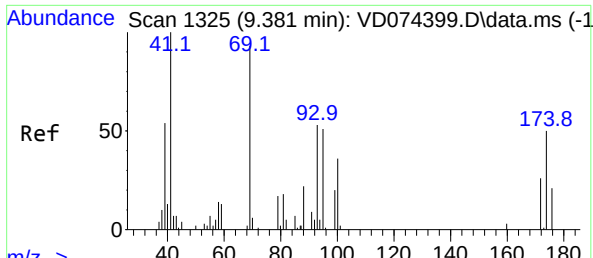
Tgt Ion: 83 Resp: 146573  
Ion Ratio Lower Upper  
83 100  
85 62.9 53.4 80.2  
127 8.4 6.9 10.3



#48  
Methyl methacrylate  
Concen: 105.236 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 41 Resp: 59964  
Ion Ratio Lower Upper  
41 100  
69 92.3 72.7 109.1  
39 50.7 41.6 62.4

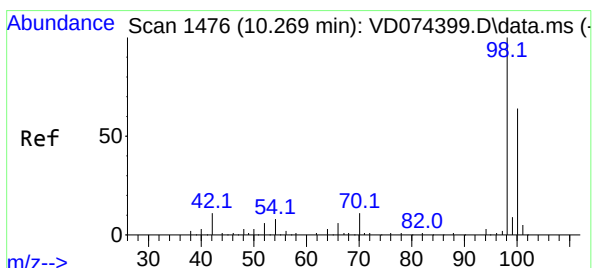
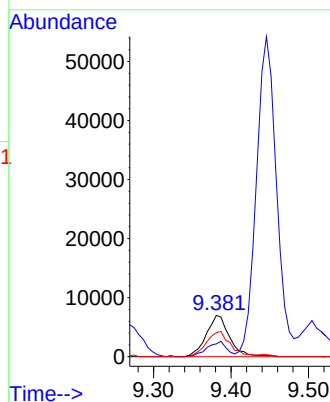
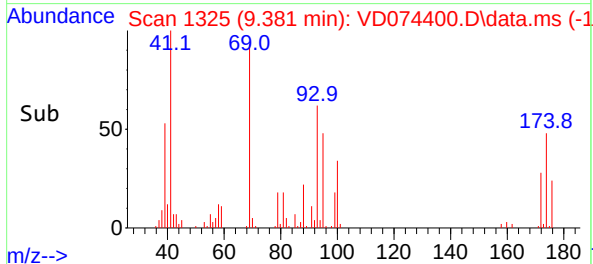
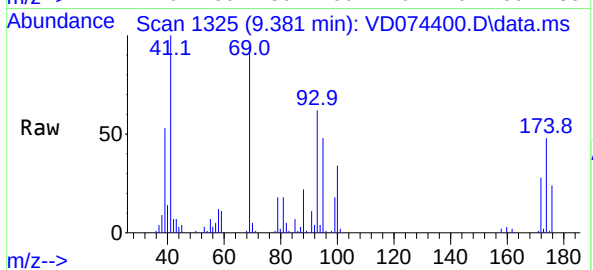




#49  
1,4-Dioxane  
Concen: 2194.491 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

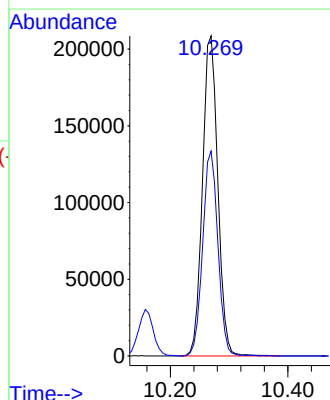
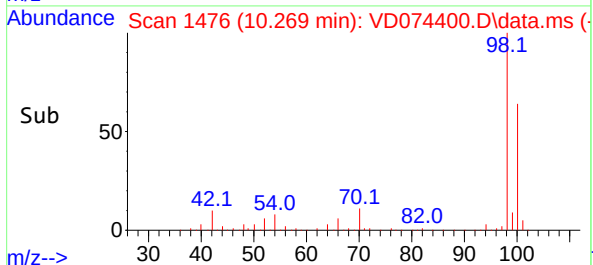
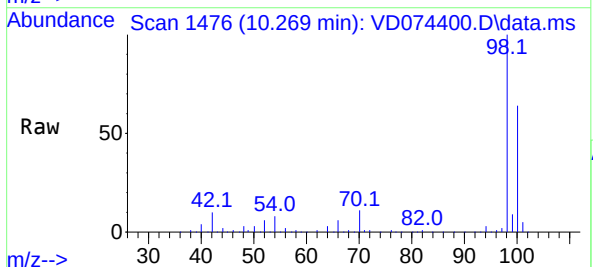
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

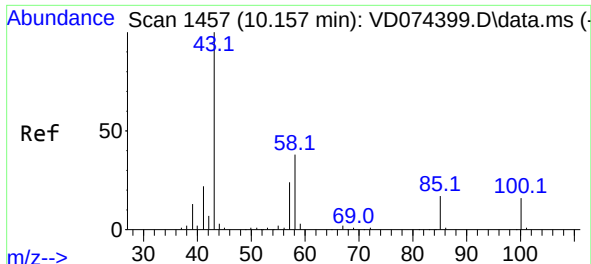
Tgt Ion: 88 Resp: 14530  
Ion Ratio Lower Upper  
88 100  
43 31.6 27.0 40.4  
58 63.1 54.2 81.2



#50  
Toluene-d8  
Concen: 106.402 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 98 Resp: 377195  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.8 77.8

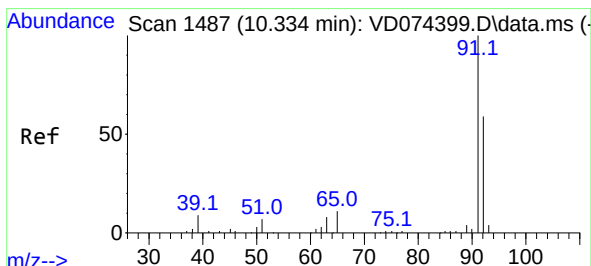
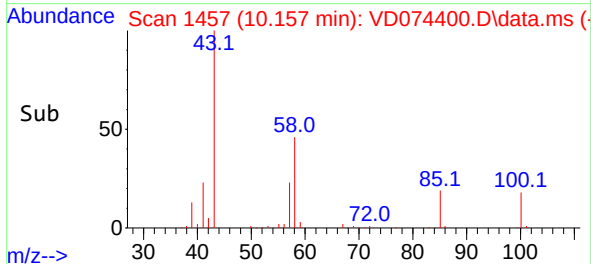
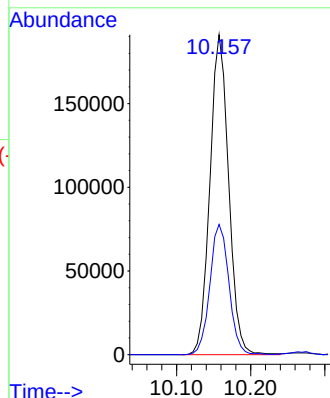
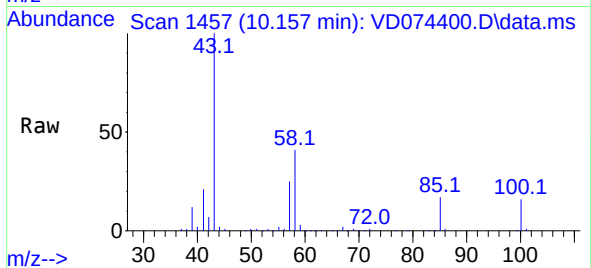




#51  
4-Methyl-2-Pentanone  
Concen: 525.415 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

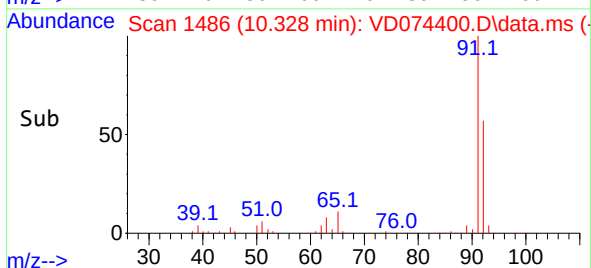
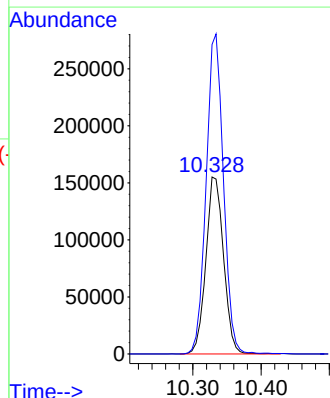
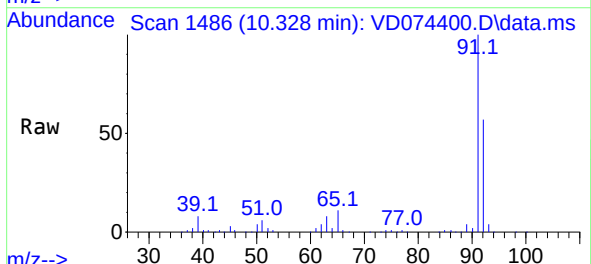
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

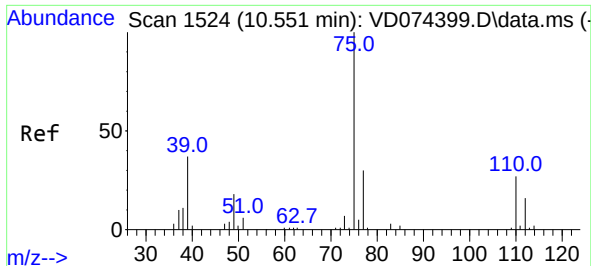
Tgt Ion: 43 Resp: 335389  
Ion Ratio Lower Upper  
43 100  
58 41.5 33.3 49.9



#52  
Toluene  
Concen: 104.285 ug/l  
RT: 10.328 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 92 Resp: 280398  
Ion Ratio Lower Upper  
92 100  
91 176.8 139.3 208.9

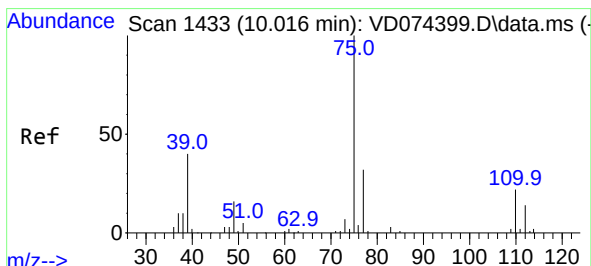
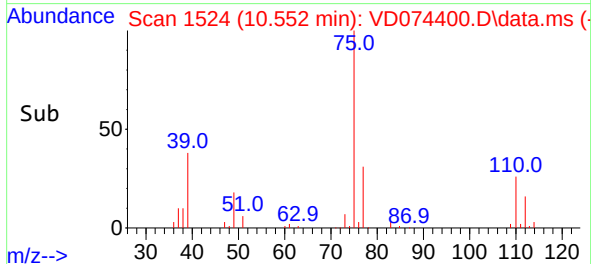
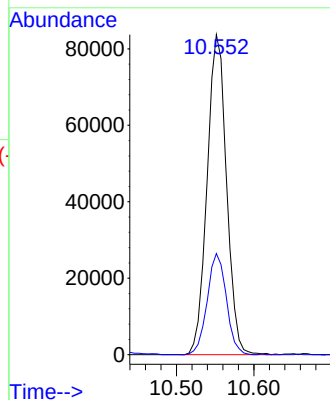
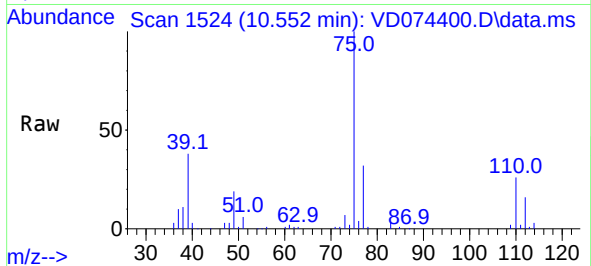




#53  
t-1,3-Dichloropropene  
Concen: 107.882 ug/l  
RT: 10.552 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

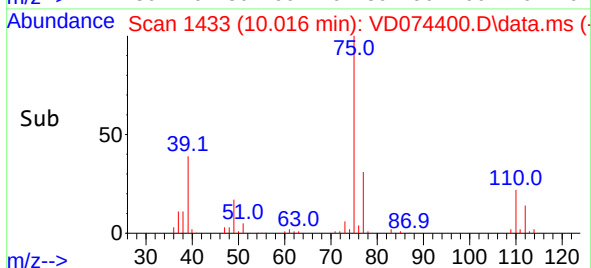
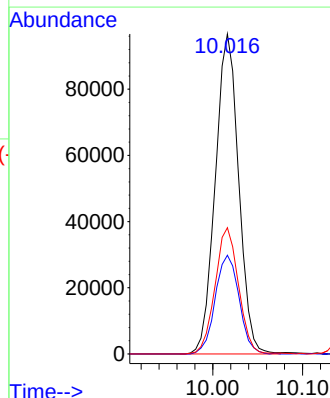
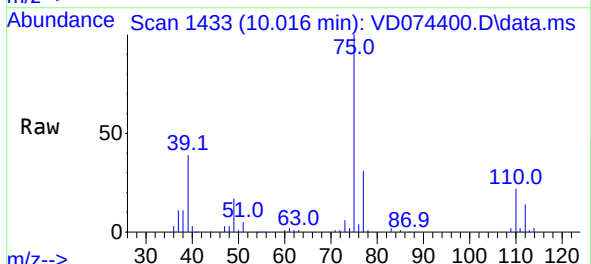
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

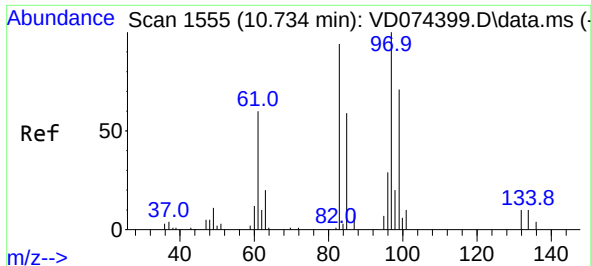
Tgt Ion: 75 Resp: 145965  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 104.954 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 75 Resp: 174652  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.4 38.0  
39 39.5 31.6 47.4



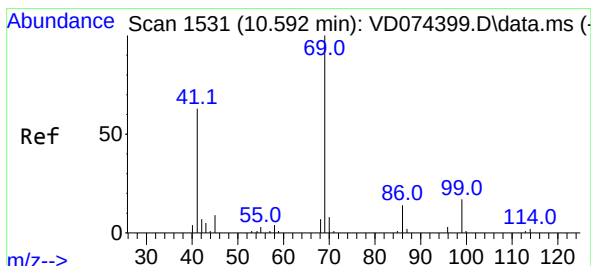
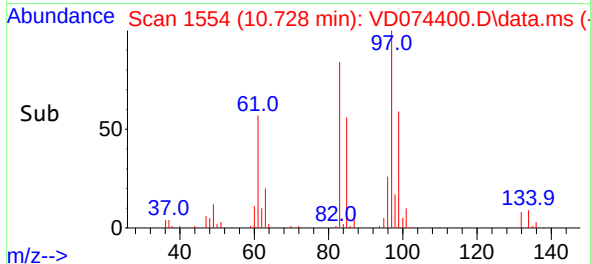
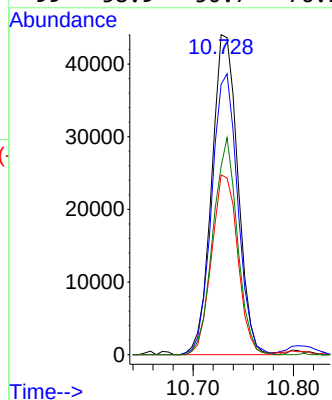
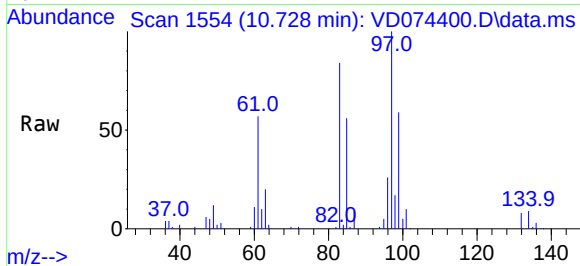


#55  
1,1,2-Trichloroethane  
Concen: 101.112 ug/l  
RT: 10.728 min Scan# 1554  
Delta R.T. -0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Tgt Ion: 97 Resp: 79882

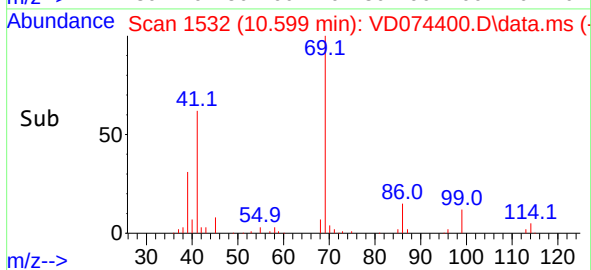
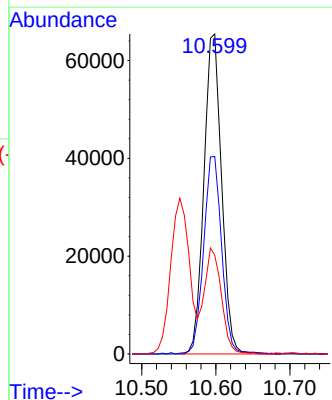
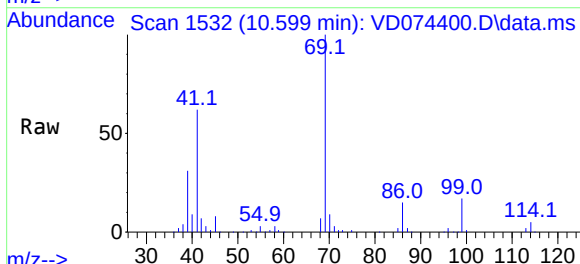
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.5  | 68.0  | 102.0 |
| 85  | 56.2  | 45.8  | 68.8  |
| 99  | 58.9  | 50.7  | 76.1  |



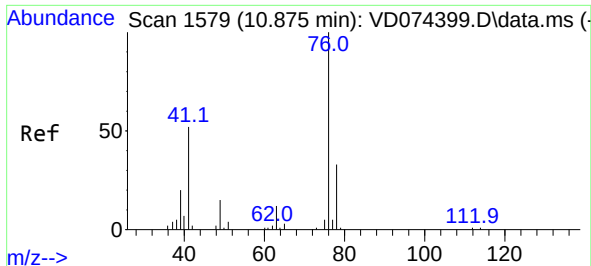
#56  
Ethyl methacrylate  
Concen: 109.073 ug/l  
RT: 10.599 min Scan# 1532  
Delta R.T. 0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 69 Resp: 108445

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.1  | 49.4  | 74.2  |
| 39  | 31.9  | 24.2  | 36.4  |







#57

1,3-Dichloropropane

Concen: 102.874 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074400.D

Acq: 22 Sep 2022 12:40

Instrument :

MSVOA\_D

ClientSampleId :

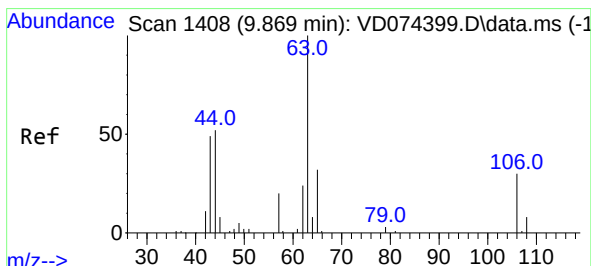
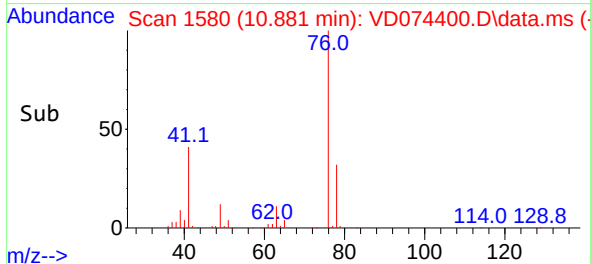
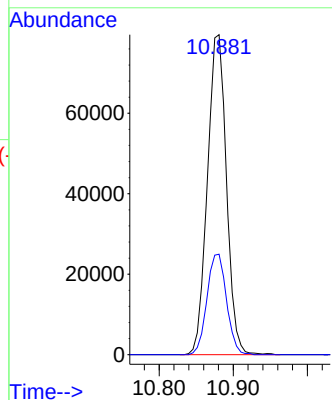
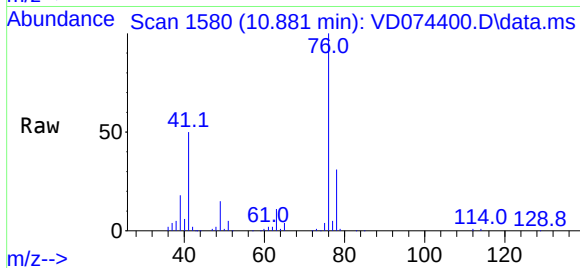
VSTDIC100

Tgt Ion: 76 Resp: 142060

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 637.885 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074400.D

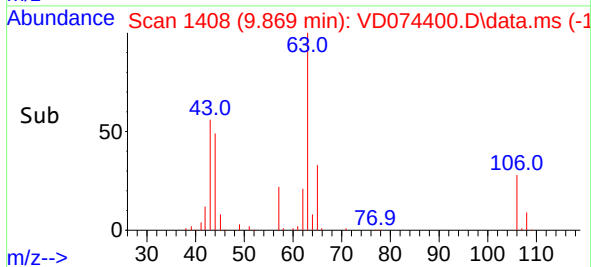
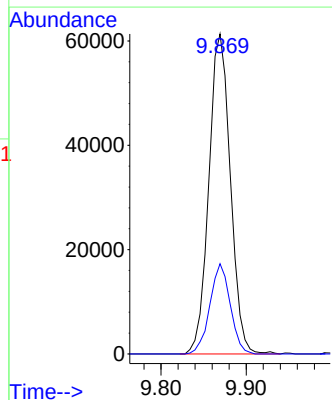
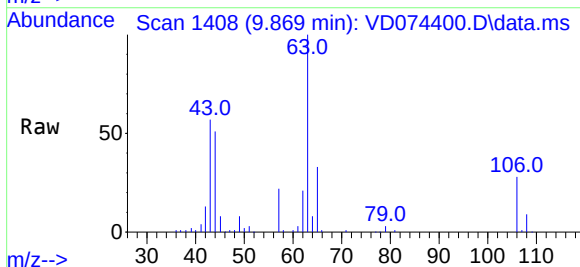
Acq: 22 Sep 2022 12:40

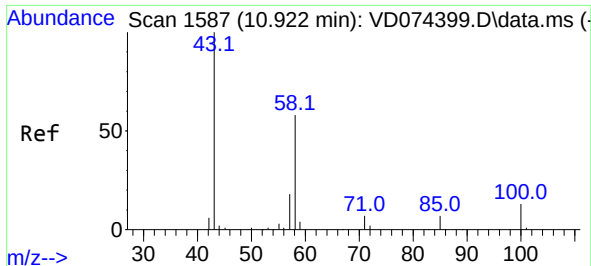
Tgt Ion: 63 Resp: 107826

Ion Ratio Lower Upper

63 100

106 26.7 21.9 32.9

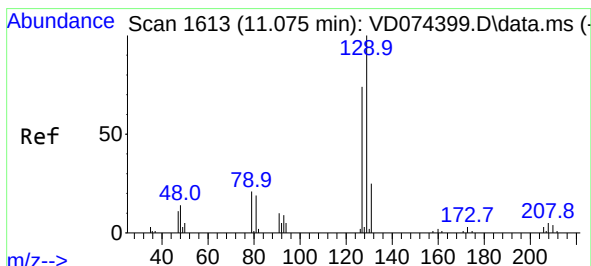
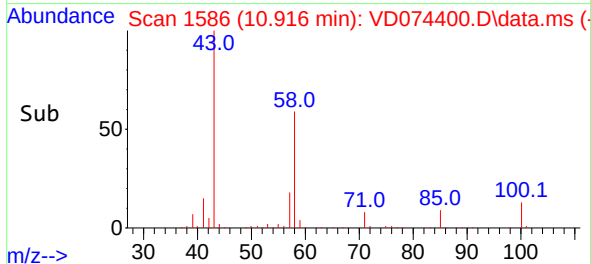
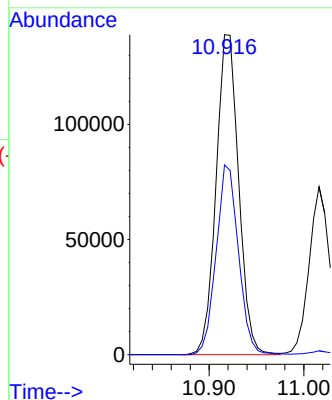
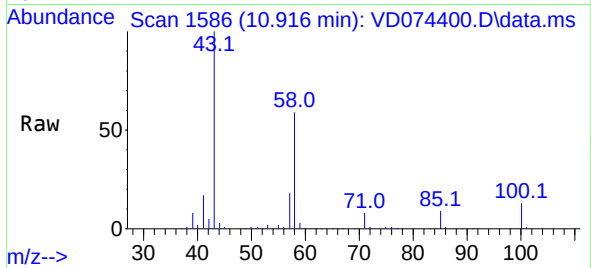




#59  
2-Hexanone  
Concen: 528.856 ug/l  
RT: 10.916 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

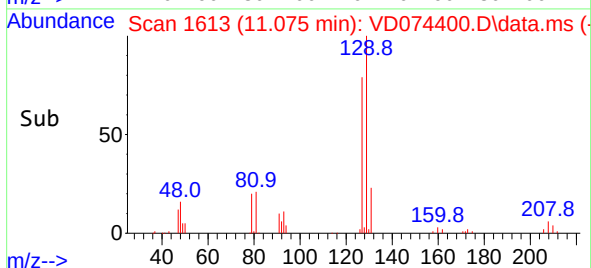
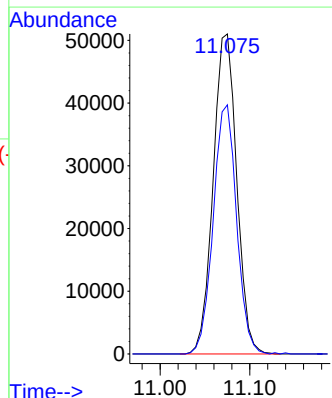
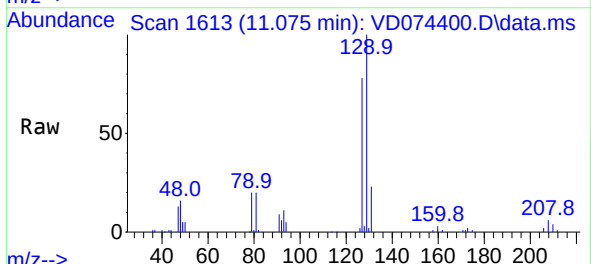
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

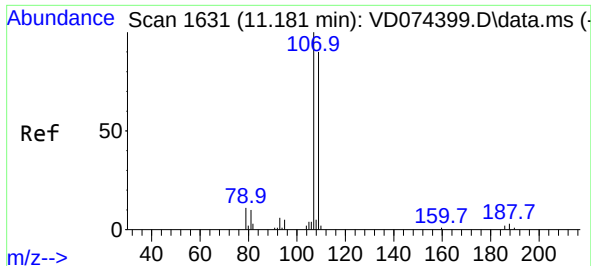
Tgt Ion: 43 Resp: 230637  
Ion Ratio Lower Upper  
43 100  
58 58.6 28.6 85.8



#60  
Dibromochloromethane  
Concen: 103.109 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 129 Resp: 93026  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.0 116.9

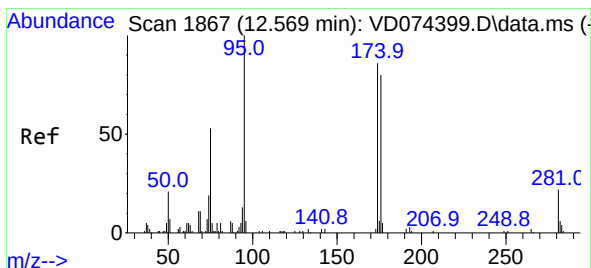
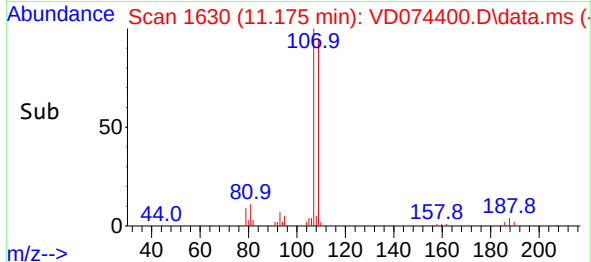
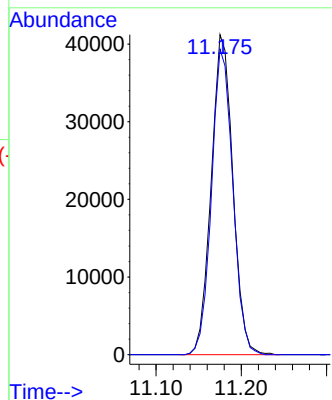
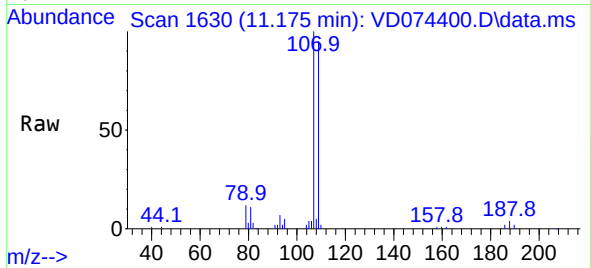




#61  
1,2-Dibromoethane  
Concen: 101.205 ug/l  
RT: 11.175 min Scan# 1630  
Delta R.T. -0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

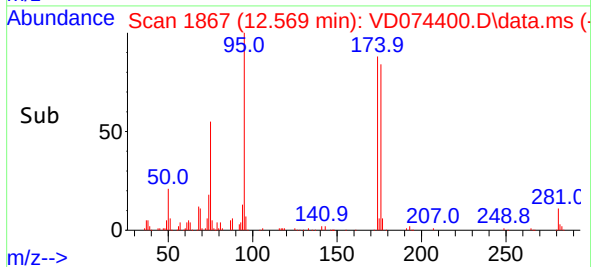
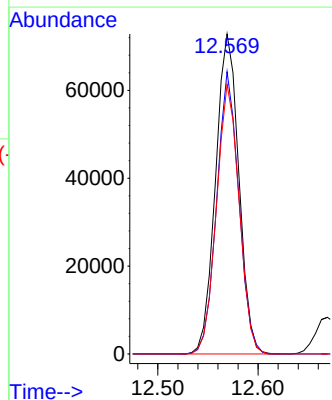
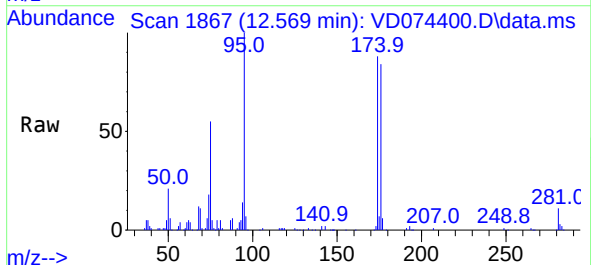
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

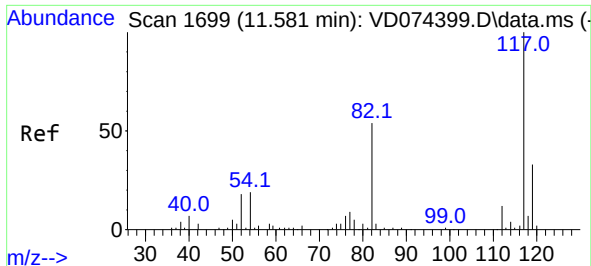
Tgt Ion:107 Resp: 72516  
Ion Ratio Lower Upper  
107 100  
109 93.9 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 84.287 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 95 Resp: 116909  
Ion Ratio Lower Upper  
95 100  
174 83.9 0.0 179.2  
176 81.9 0.0 171.4

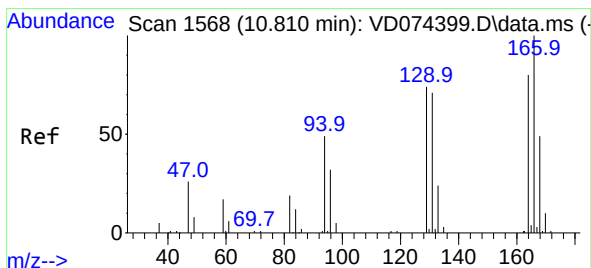
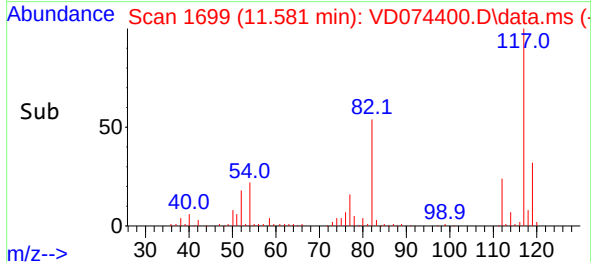
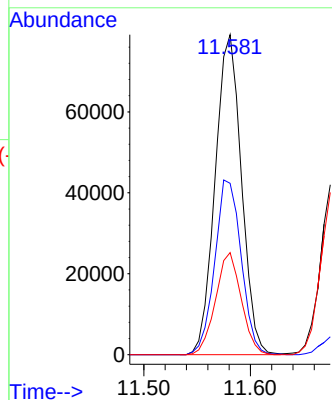
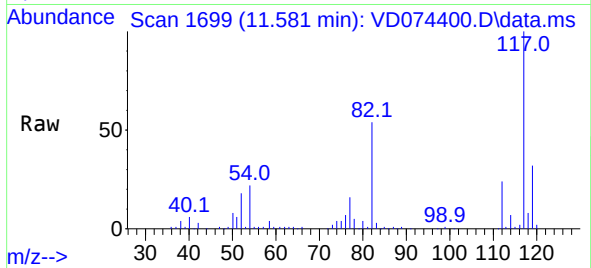




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

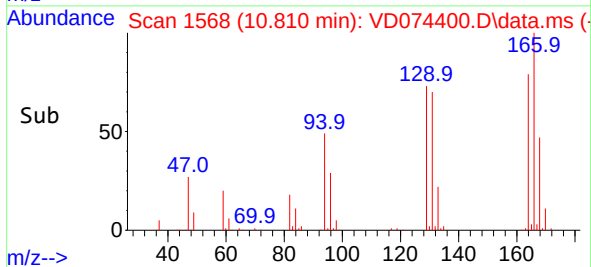
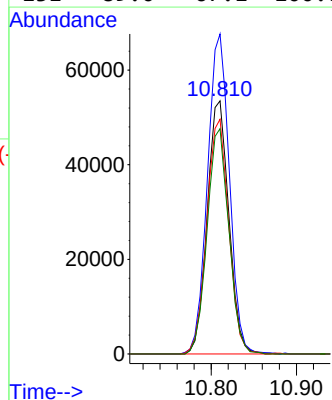
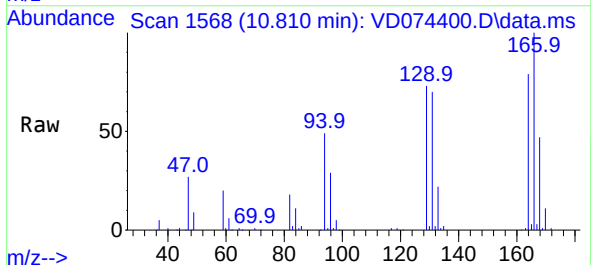
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

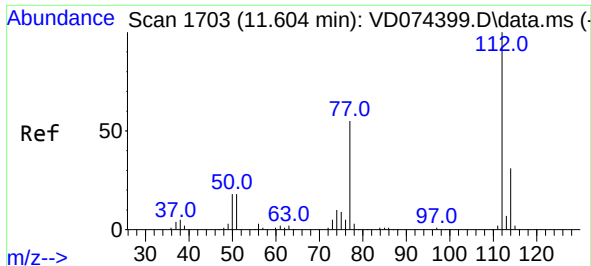
Tgt Ion:117 Resp: 135542  
Ion Ratio Lower Upper  
117 100  
82 53.6 44.2 66.2  
119 31.9 25.4 38.0



#64  
Tetrachloroethene  
Concen: 96.685 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion:164 Resp: 94761  
Ion Ratio Lower Upper  
164 100  
166 126.4 93.8 140.8  
129 92.7 68.3 102.5  
131 89.0 67.1 100.7

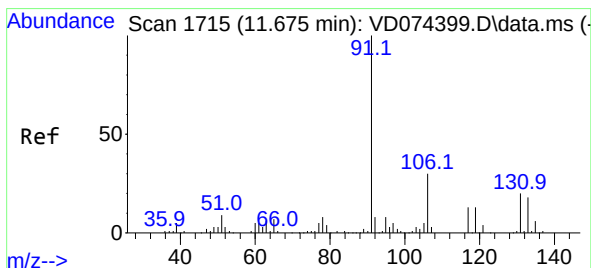
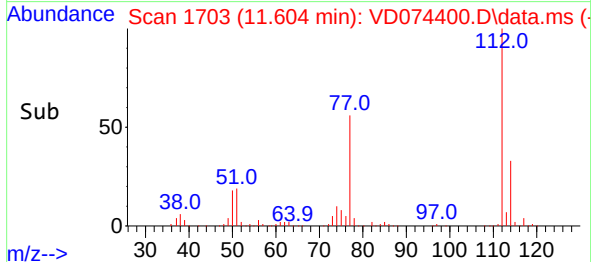
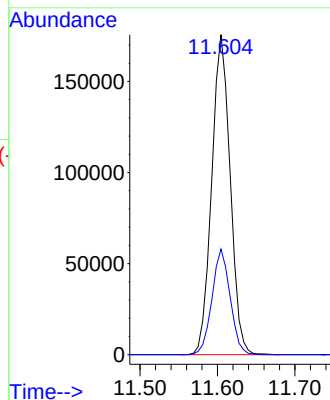
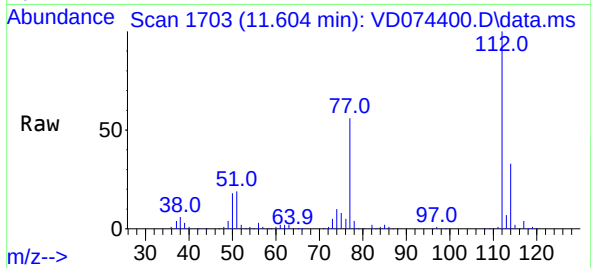




#65  
Chlorobenzene  
Concen: 100.557 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

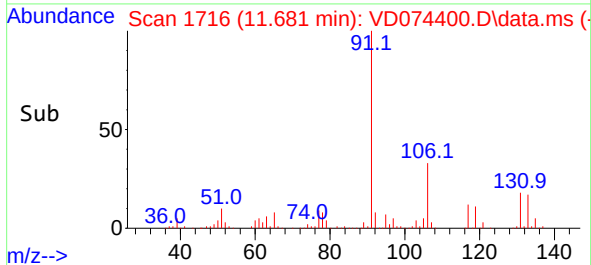
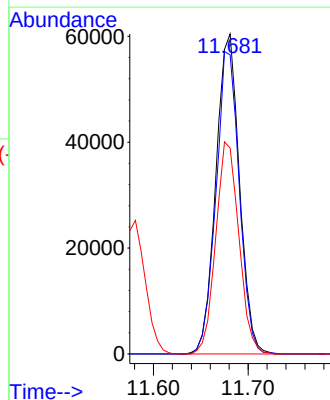
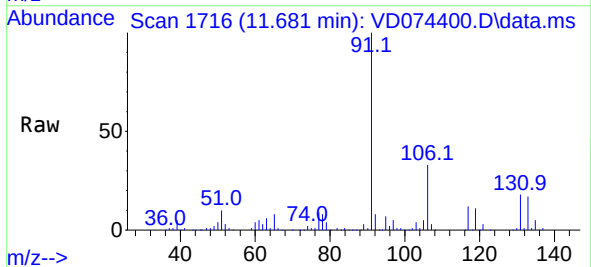
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

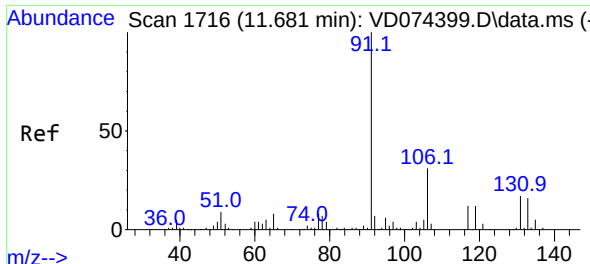
Tgt Ion:112 Resp: 291242  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 104.393 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion:131 Resp: 104544  
Ion Ratio Lower Upper  
131 100  
133 93.7 47.8 143.4  
119 65.2 33.1 99.5

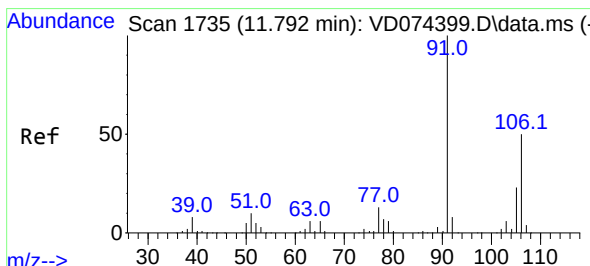
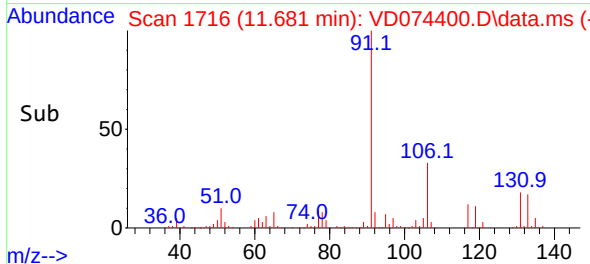
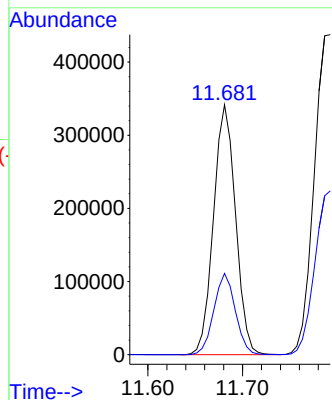
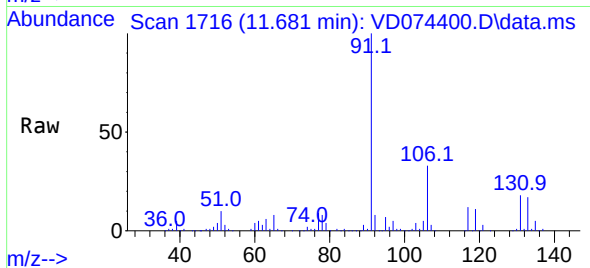




#67  
Ethyl Benzene  
Concen: 102.828 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

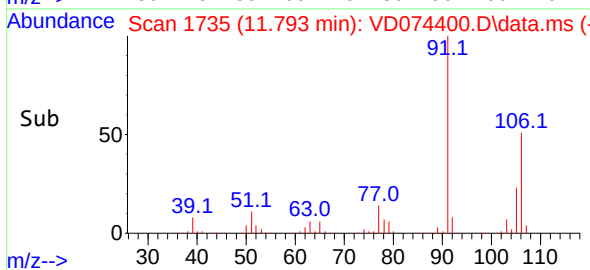
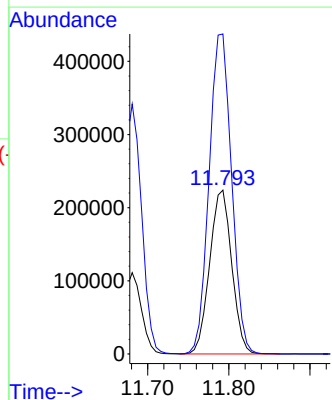
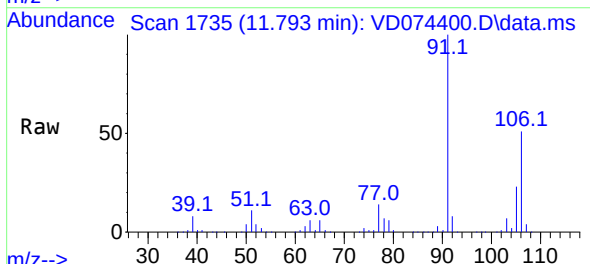
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

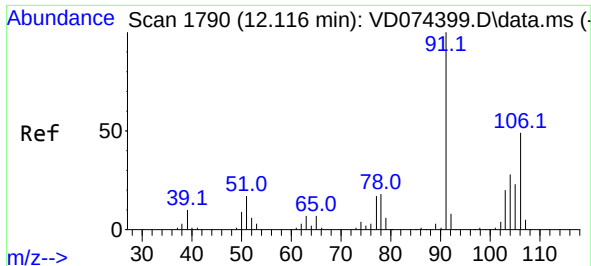
Tgt Ion: 91 Resp: 552426  
Ion Ratio Lower Upper  
91 100  
106 32.5 24.8 37.2



#68  
m/p-Xylenes  
Concen: 210.127 ug/l  
RT: 11.793 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion:106 Resp: 423354  
Ion Ratio Lower Upper  
106 100  
91 198.7 158.6 237.8

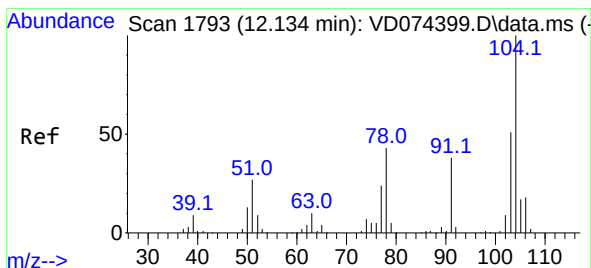
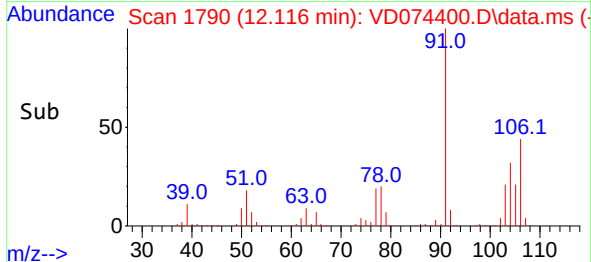
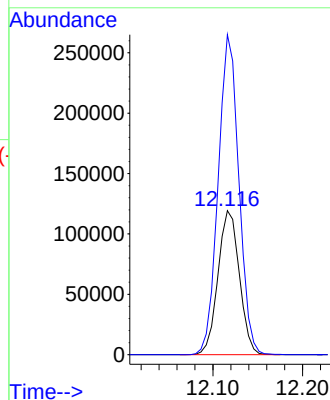
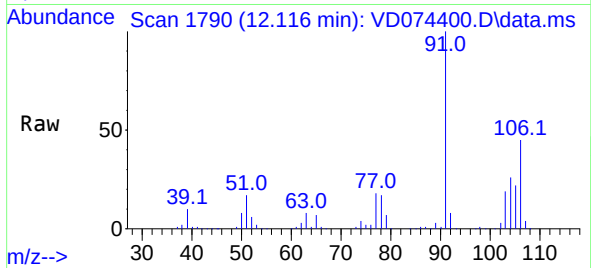




#69  
o-Xylene  
Concen: 103.183 ug/l  
RT: 12.116 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

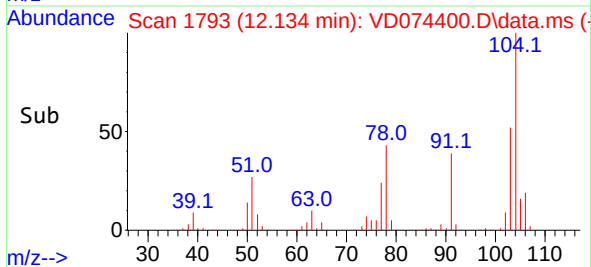
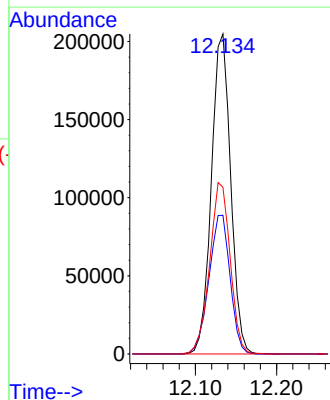
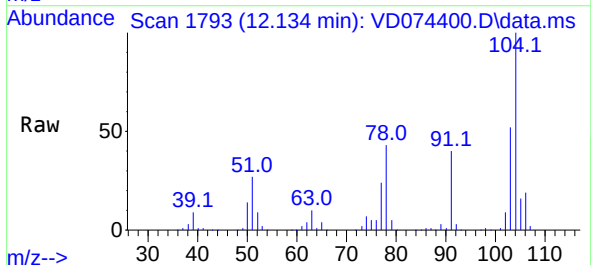
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

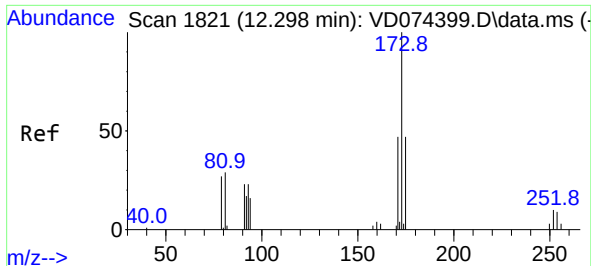
Tgt Ion:106 Resp: 197349  
Ion Ratio Lower Upper  
106 100  
91 214.9 104.0 312.0



#70  
Styrene  
Concen: 102.097 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion:104 Resp: 337937  
Ion Ratio Lower Upper  
104 100  
78 47.6 38.4 57.6  
103 56.9 44.1 66.1

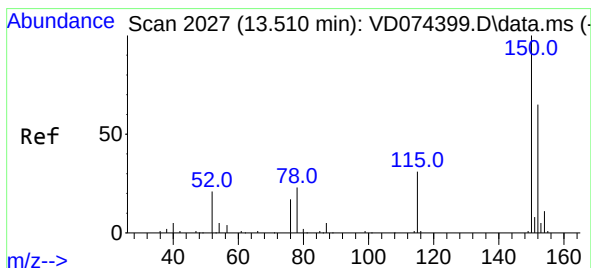
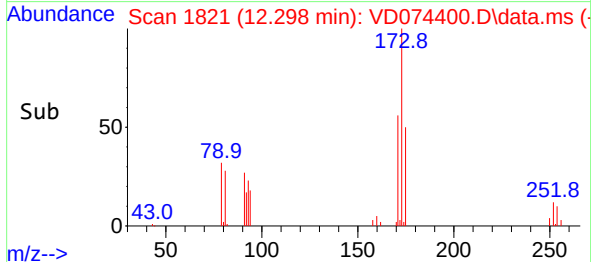
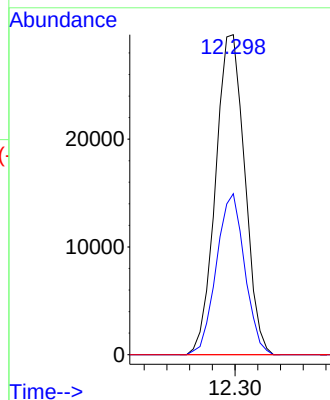
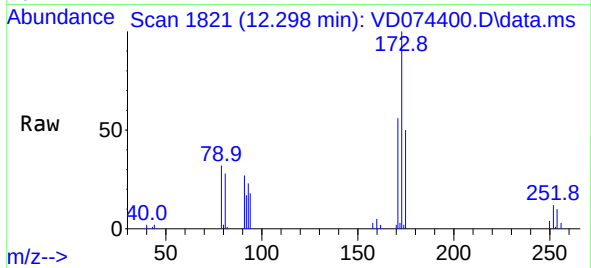




#71  
Bromoform  
Concen: 101.102 ug/l  
RT: 12.298 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

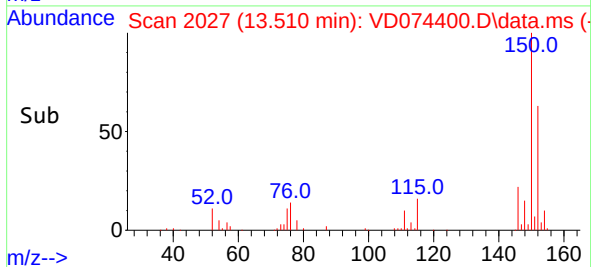
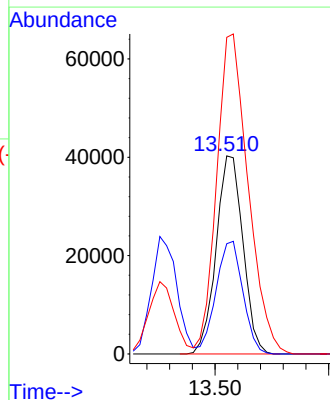
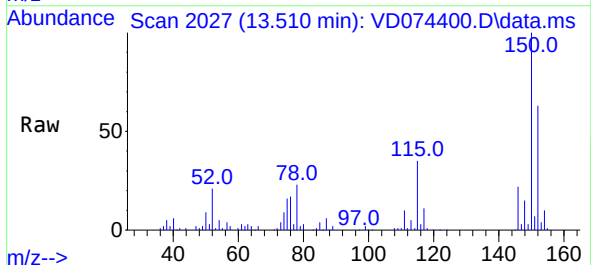
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

Tgt Ion:173 Resp: 52958  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.2 72.6  
254 0.0 0.0 0.0

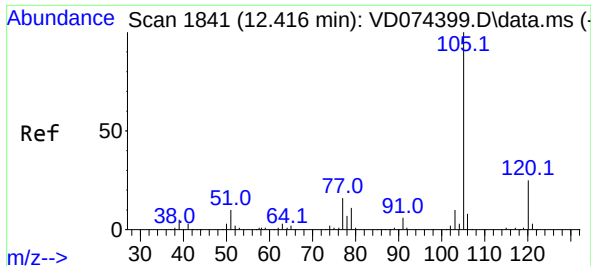


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.510 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion:152 Resp: 65975  
Ion Ratio Lower Upper  
152 100  
115 57.4 28.4 85.2  
150 189.6 0.0 351.0



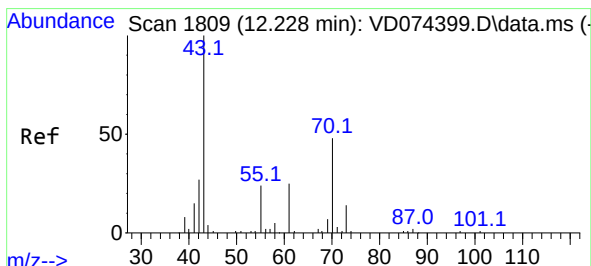
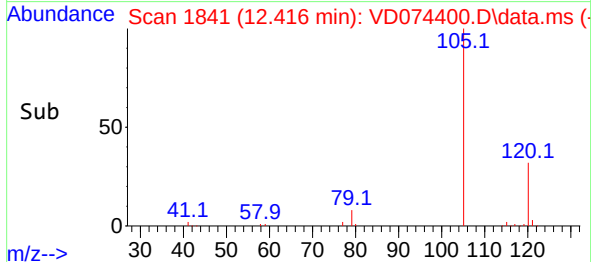
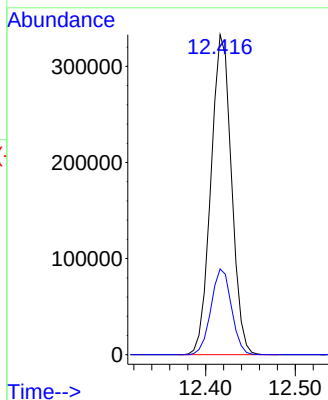
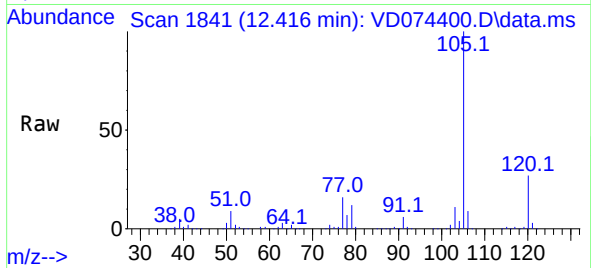




#73  
Isopropylbenzene  
Concen: 103.205 ug/l  
RT: 12.416 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

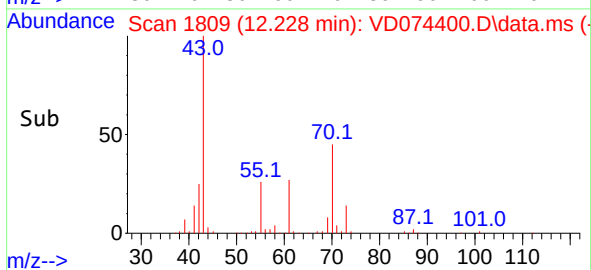
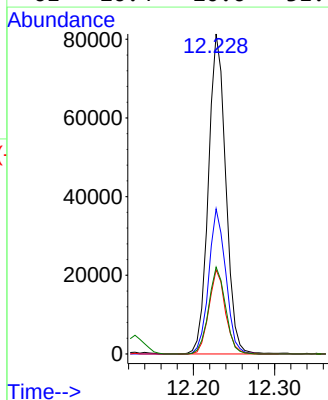
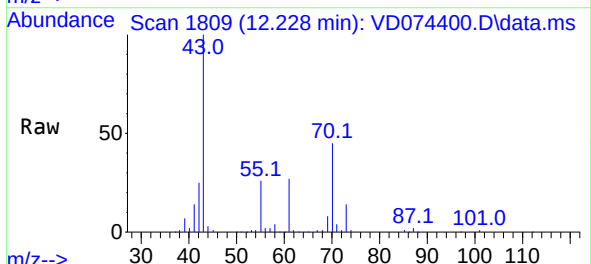
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

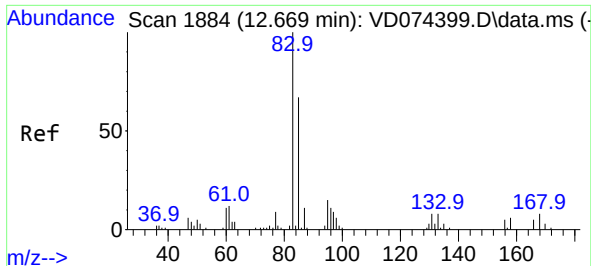
Tgt Ion:105 Resp: 529474  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.2 39.6



#74  
N-ethyl acetate  
Concen: 102.320 ug/l  
RT: 12.228 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 43 Resp: 120600  
Ion Ratio Lower Upper  
43 100  
70 44.5 34.6 51.8  
55 25.0 18.2 27.2  
61 26.4 20.6 31.0

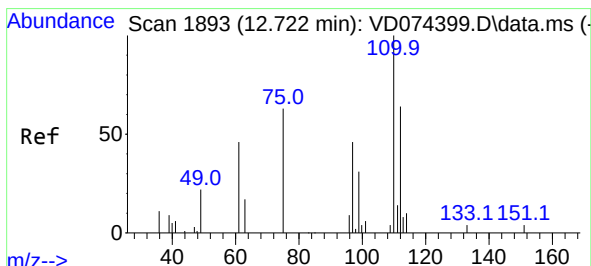
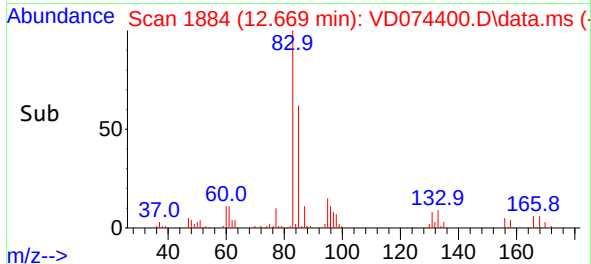
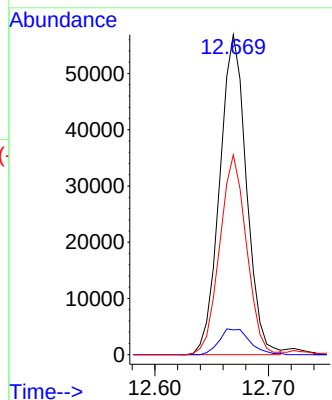
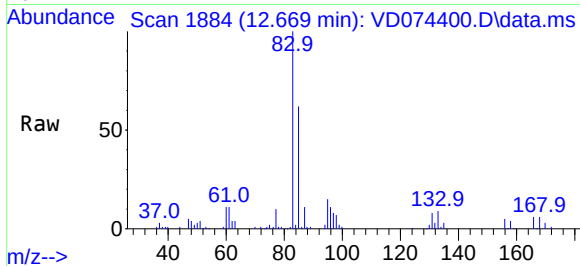




#75  
1,1,2,2-Tetrachloroethane  
Concen: 99.655 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

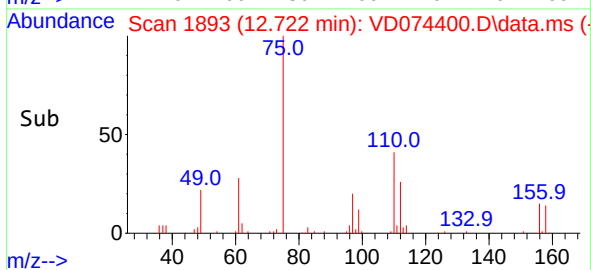
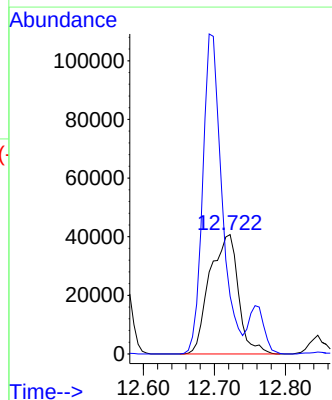
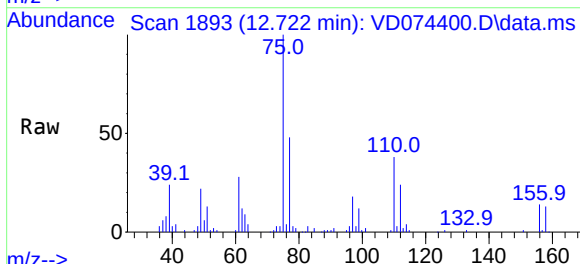
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

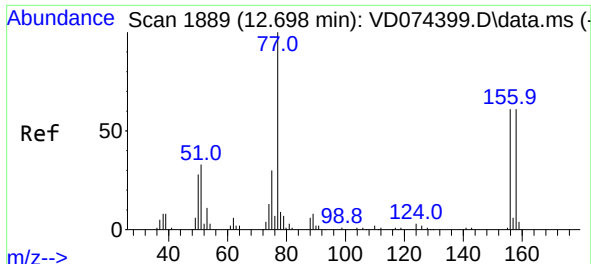
Tgt Ion: 83 Resp: 93088  
Ion Ratio Lower Upper  
83 100  
131 9.2 4.9 14.7  
85 62.6 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 201.380 ug/l  
RT: 12.722 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 75 Resp: 114134  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

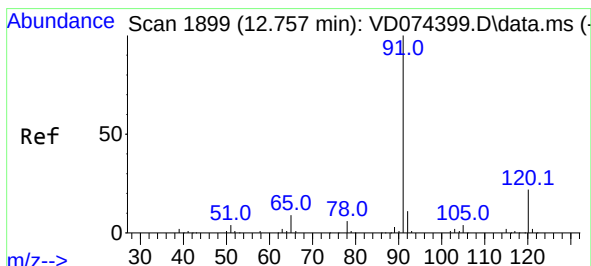
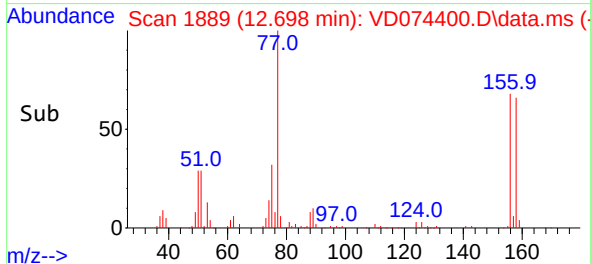
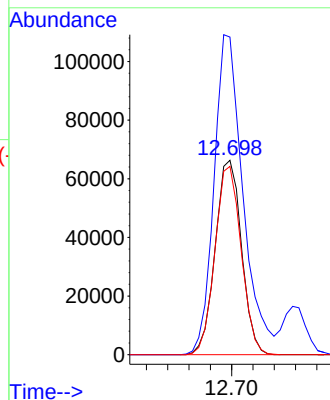
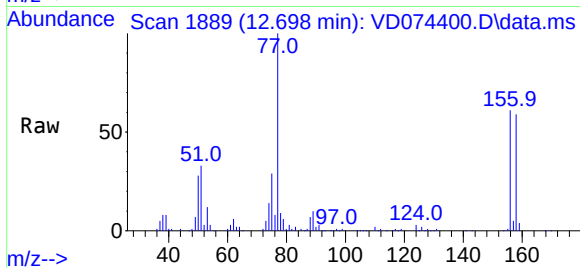




#77  
Bromobenzene  
Concen: 100.653 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

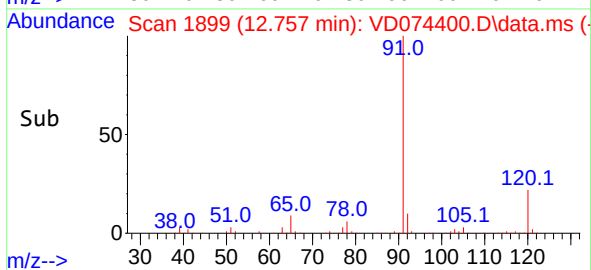
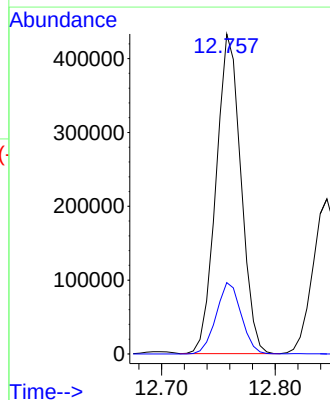
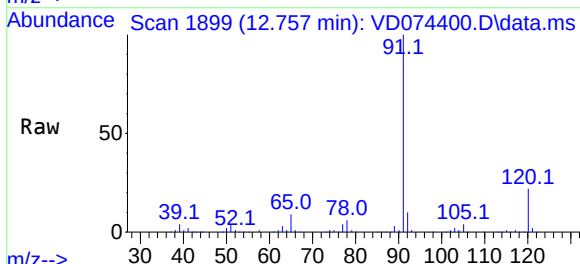
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

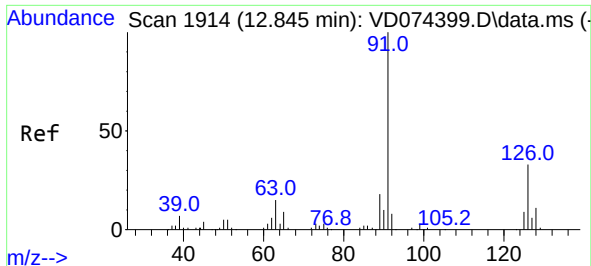
Tgt Ion:156 Resp: 113569  
Ion Ratio Lower Upper  
156 100  
77 181.2 91.1 273.3  
158 96.5 49.4 148.2



#78  
n-propylbenzene  
Concen: 103.278 ug/l  
RT: 12.757 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 91 Resp: 658592  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.6 34.7

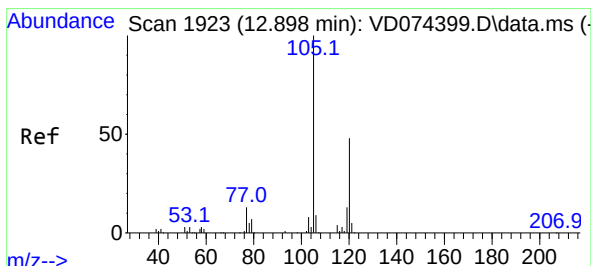
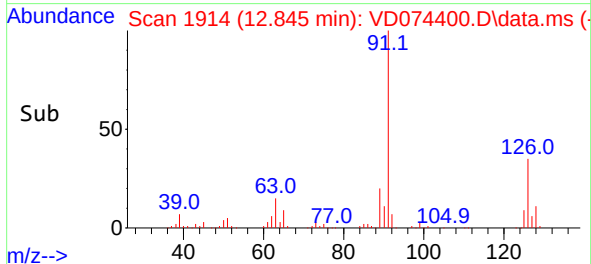
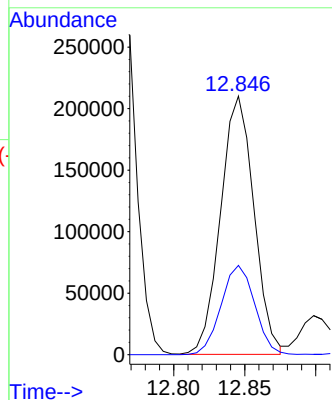
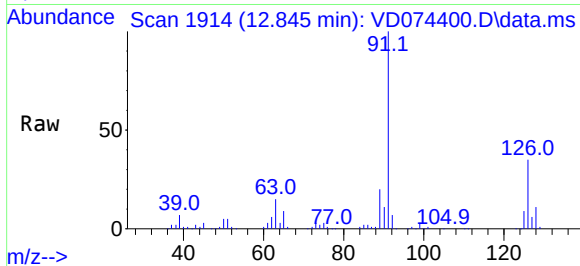




#79  
2-Chlorotoluene  
Concen: 100.933 ug/l  
RT: 12.845 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

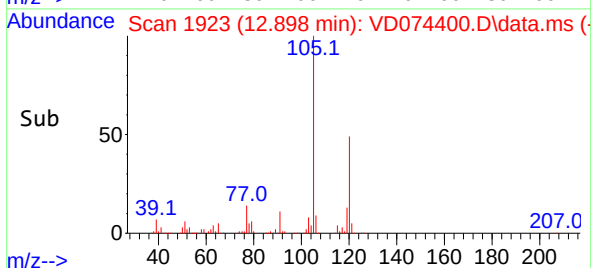
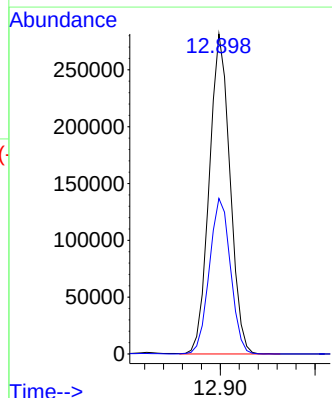
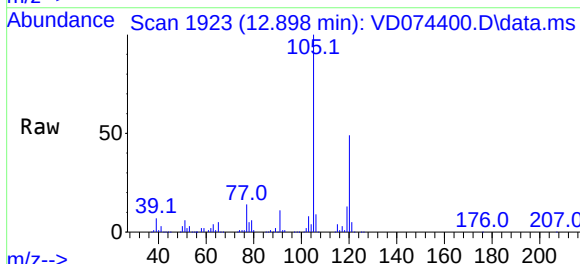
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

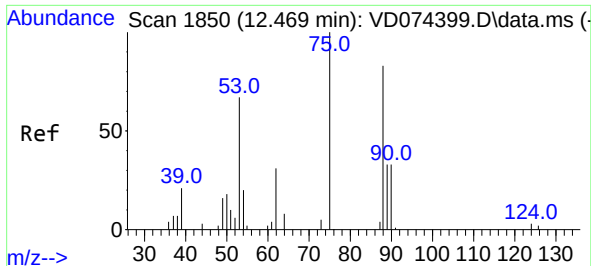
Tgt Ion: 91 Resp: 343167  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 100.716 ug/l  
RT: 12.898 min Scan# 1923  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 105 Resp: 428102  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.6 74.0

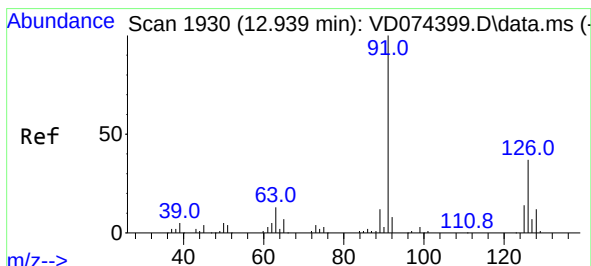
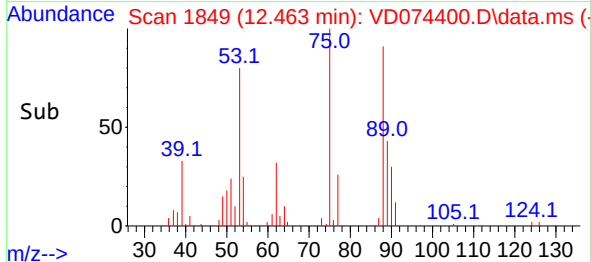
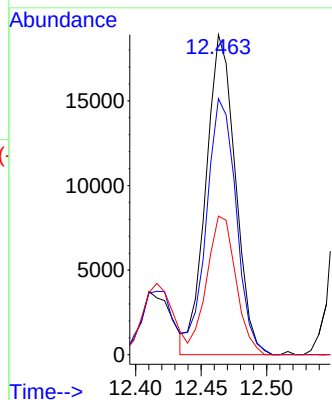
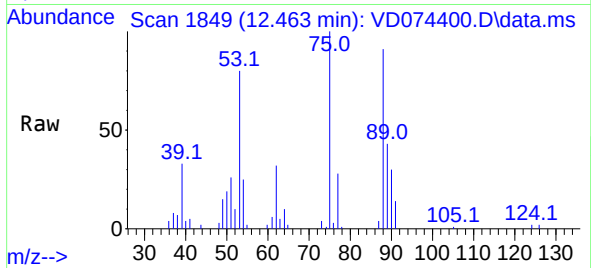




#81  
trans-1,4-Dichloro-2-butene  
Concen: 110.130 ug/l  
RT: 12.463 min Scan# 1849  
Delta R.T. -0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

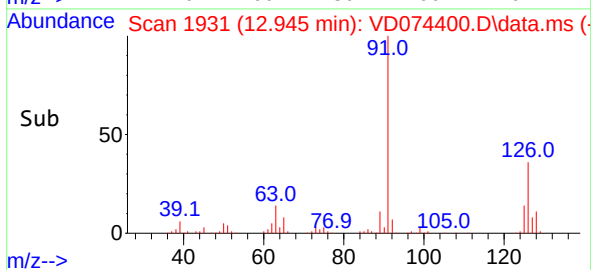
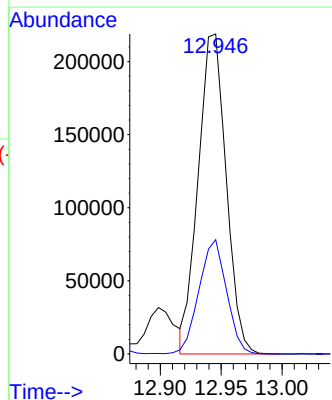
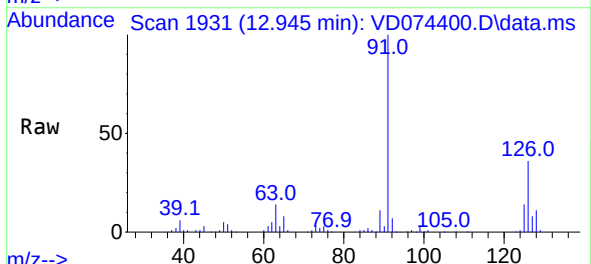
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

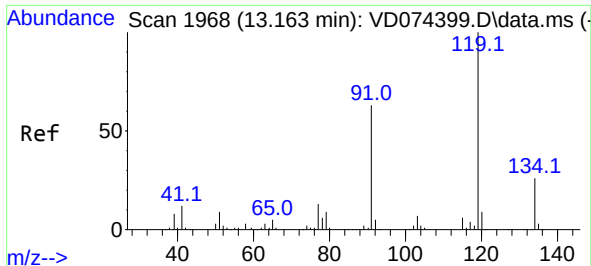
Tgt Ion: 75 Resp: 29519  
Ion Ratio Lower Upper  
75 100  
53 81.2 0.0 0.0#  
89 42.8 0.0 0.0#



#82  
4-Chlorotoluene  
Concen: 100.068 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. 0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 91 Resp: 350419  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.2 51.6

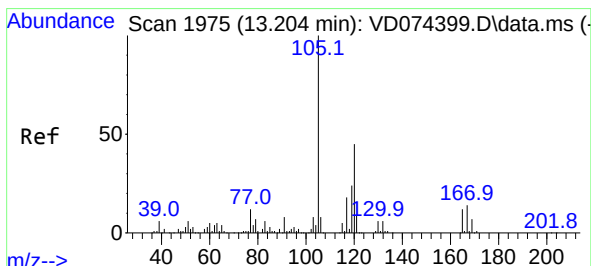
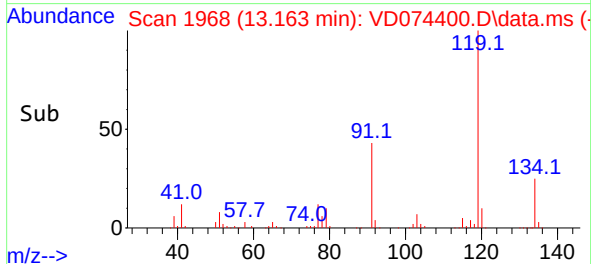
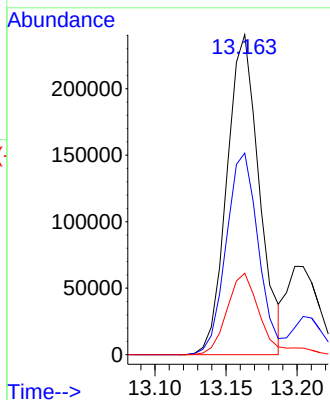
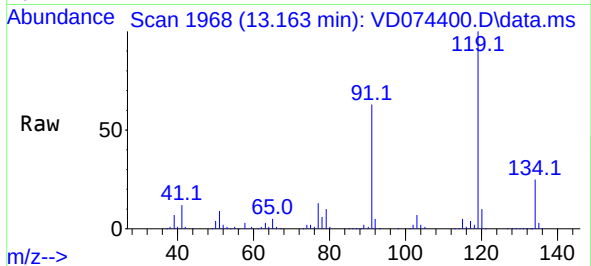




#83  
tert-Butylbenzene  
Concen: 102.712 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

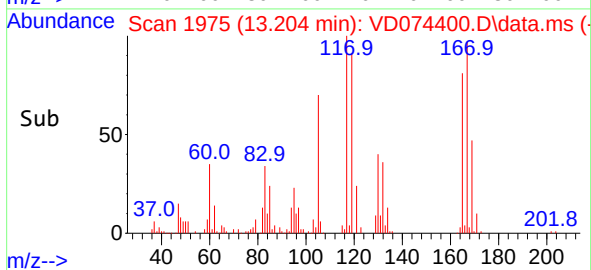
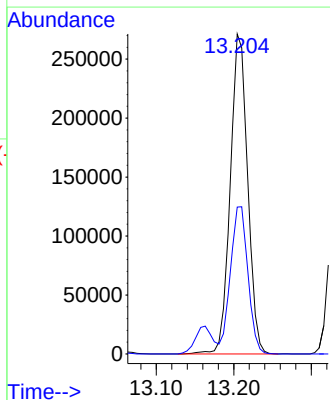
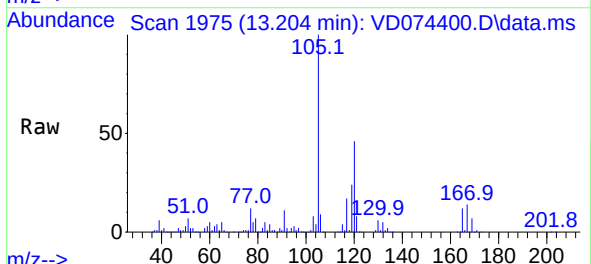
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

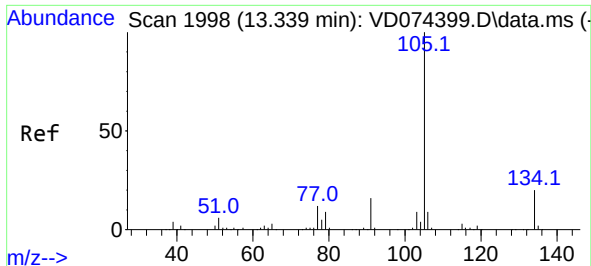
Tgt Ion:119 Resp: 381107  
Ion Ratio Lower Upper  
119 100  
91 62.5 31.3 93.9  
134 26.6 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 101.032 ug/l  
RT: 13.204 min Scan# 1975  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion:105 Resp: 423322  
Ion Ratio Lower Upper  
105 100  
120 46.3 23.1 69.3

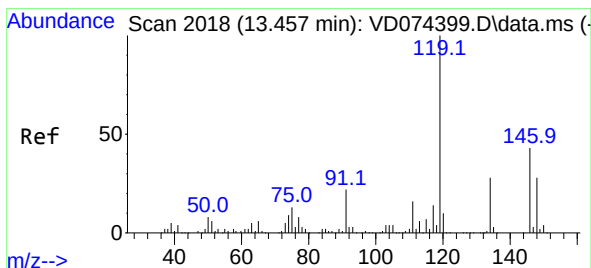
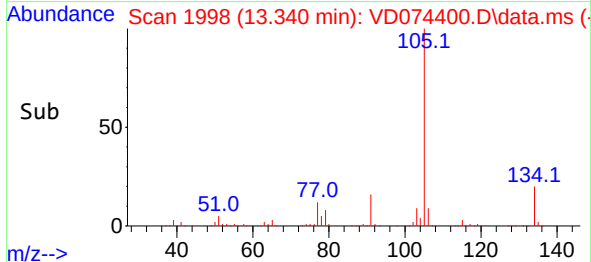
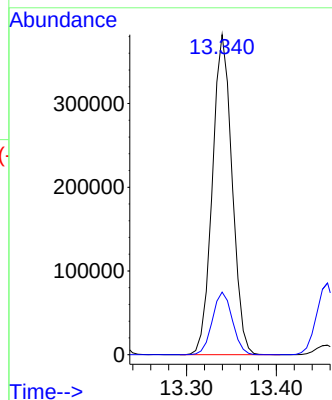
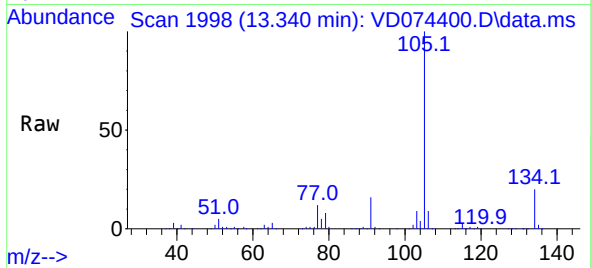




#85  
 sec-Butylbenzene  
 Concen: 102.813 ug/l  
 RT: 13.340 min Scan# 1998  
 Delta R.T. 0.000 min  
 Lab File: VD074400.D  
 Acq: 22 Sep 2022 12:40

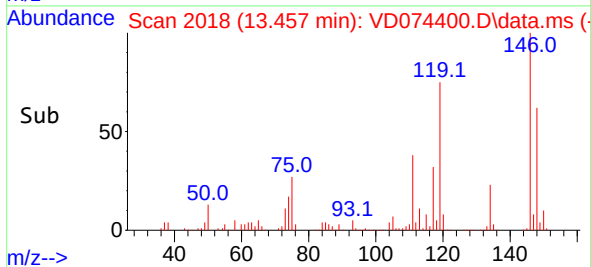
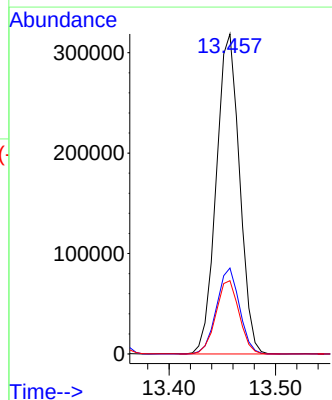
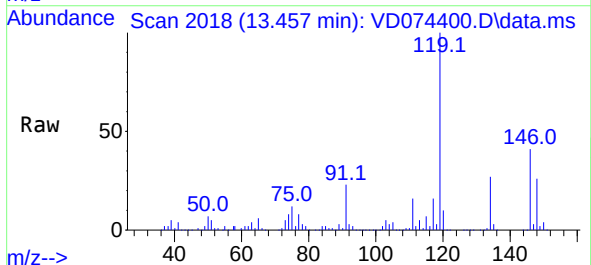
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

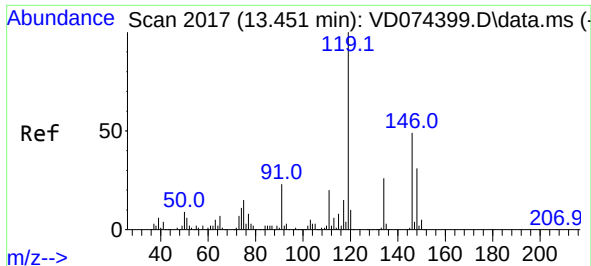
Tgt Ion:105 Resp: 582930  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.0 29.8



#86  
 p-Isopropyltoluene  
 Concen: 103.859 ug/l  
 RT: 13.457 min Scan# 2018  
 Delta R.T. 0.000 min  
 Lab File: VD074400.D  
 Acq: 22 Sep 2022 12:40

Tgt Ion:119 Resp: 483147  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.1 39.3  
 91 22.9 11.2 33.5

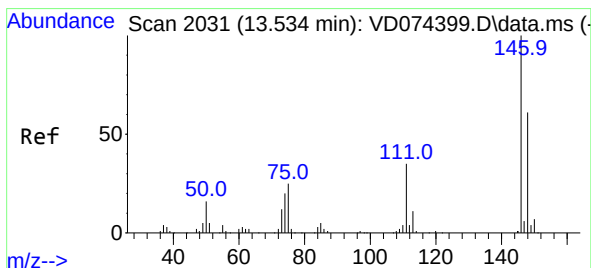
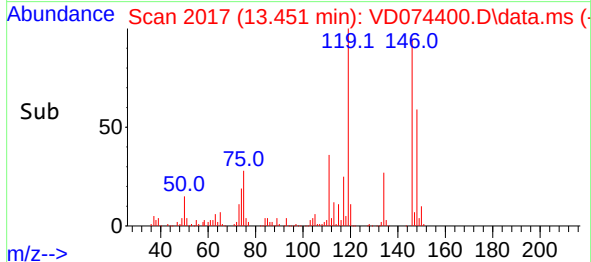
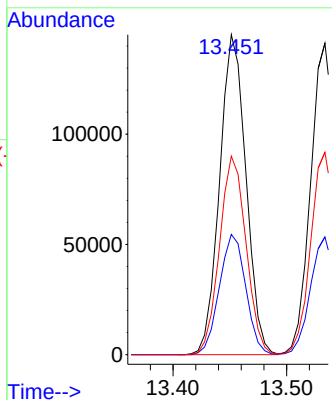
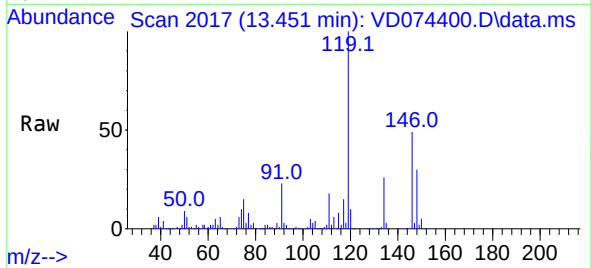




#87  
1,3-Dichlorobenzene  
Concen: 101.653 ug/l  
RT: 13.451 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

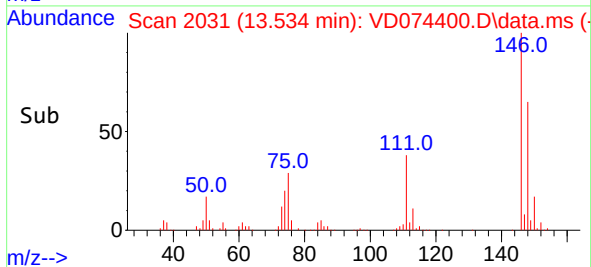
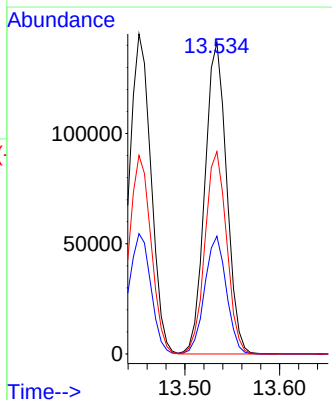
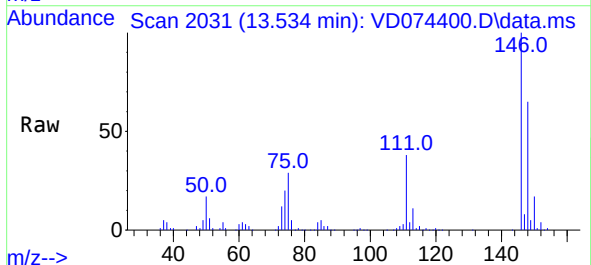
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Tgt Ion:146 Resp: 233906  
Ion Ratio Lower Upper  
146 100  
111 37.7 18.1 54.4  
148 62.5 31.7 95.1

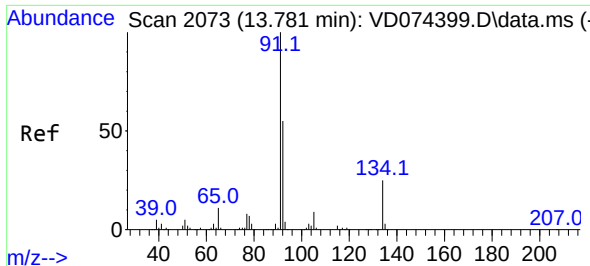


#88  
1,4-Dichlorobenzene  
Concen: 97.948 ug/l  
RT: 13.534 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion:146 Resp: 225543  
Ion Ratio Lower Upper  
146 100  
111 37.6 18.4 55.2  
148 64.8 32.1 96.5



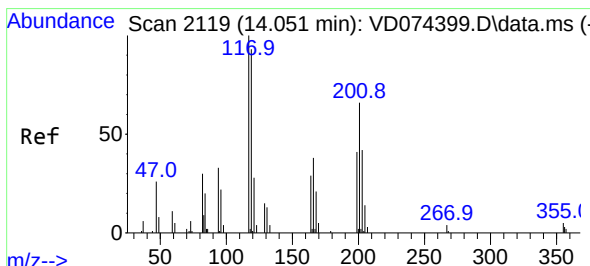
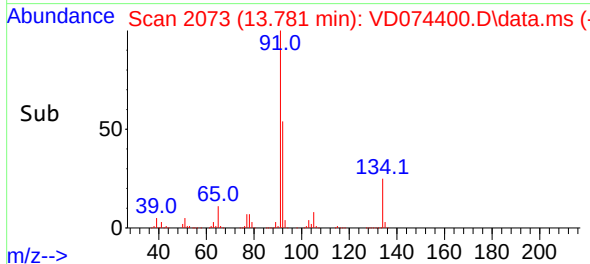
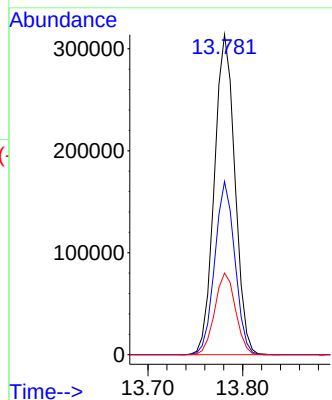
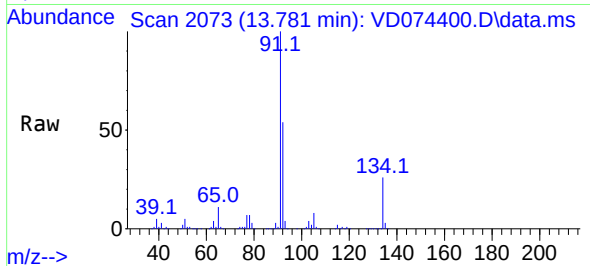




#89  
n-Butylbenzene  
Concen: 103.262 ug/l  
RT: 13.781 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

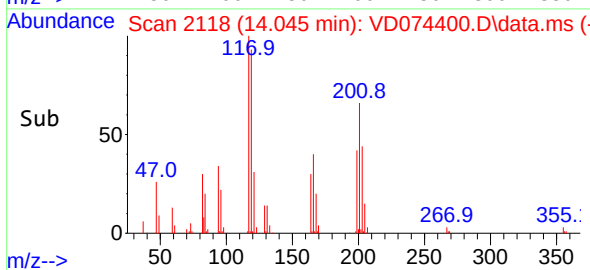
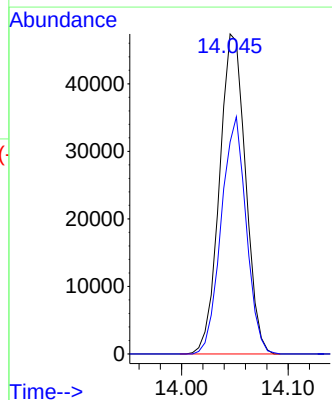
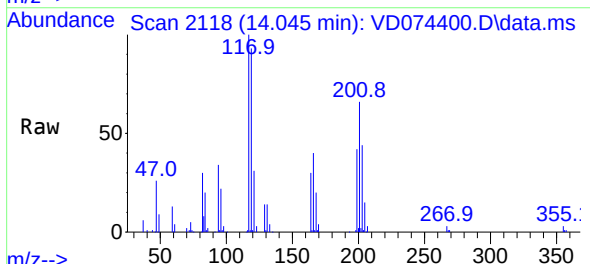
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

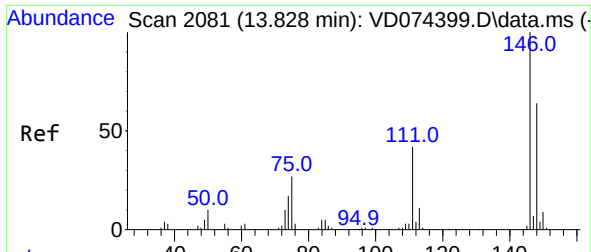
Tgt Ion: 91 Resp: 472343  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.6 79.7  
134 25.8 13.1 39.1



#90  
Hexachloroethane  
Concen: 105.937 ug/l  
RT: 14.045 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion: 117 Resp: 80350  
Ion Ratio Lower Upper  
117 100  
201 71.0 38.0 113.9





#91

1,2-Dichlorobenzene

Concen: 99.100 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD074400.D

Acq: 22 Sep 2022 12:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

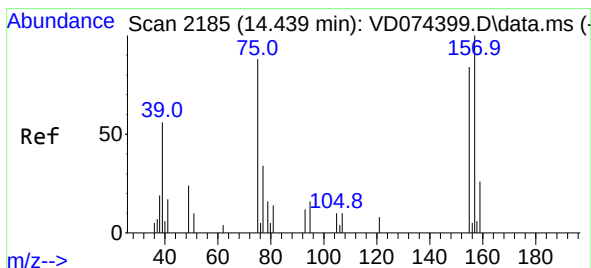
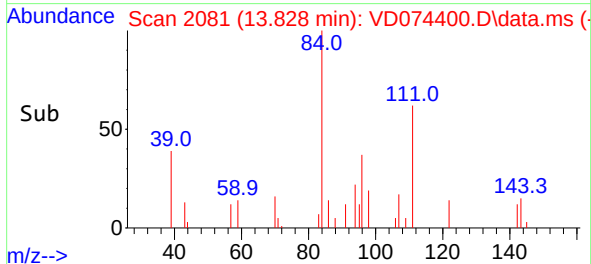
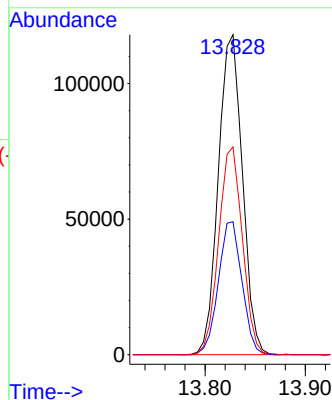
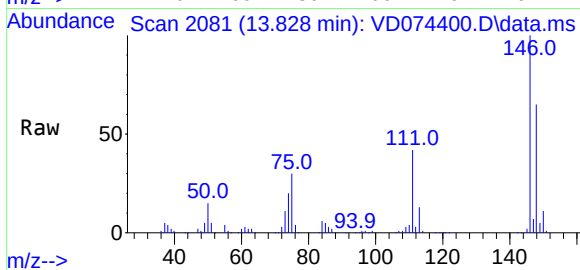
Tgt Ion:146 Resp: 197029

Ion Ratio Lower Upper

146 100

111 40.7 19.4 58.4

148 64.0 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.777 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD074400.D

Acq: 22 Sep 2022 12:40

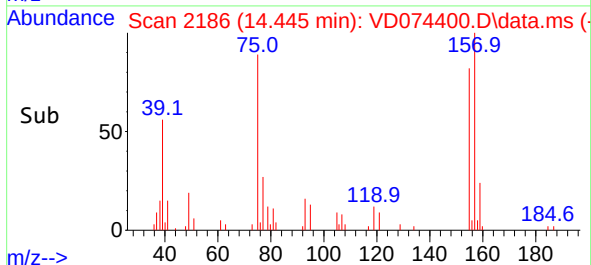
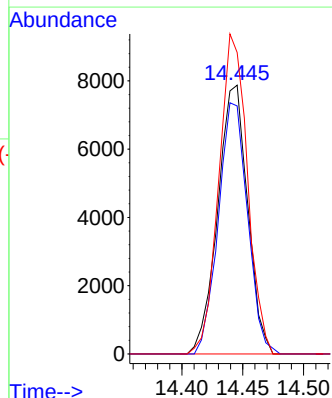
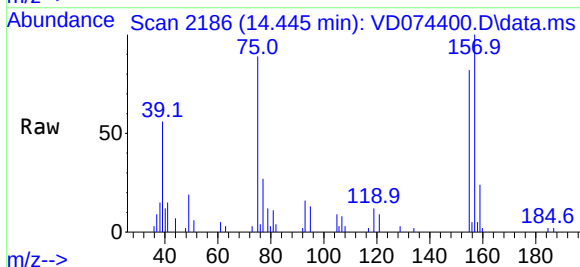
Tgt Ion: 75 Resp: 13478

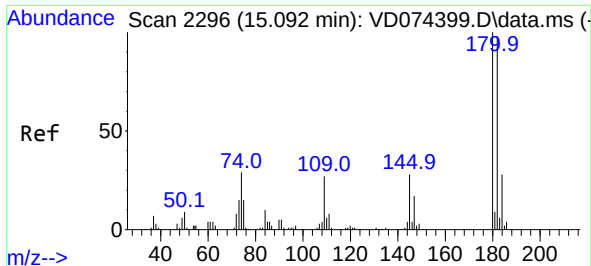
Ion Ratio Lower Upper

75 100

155 90.8 49.2 147.6

157 113.4 62.1 186.2

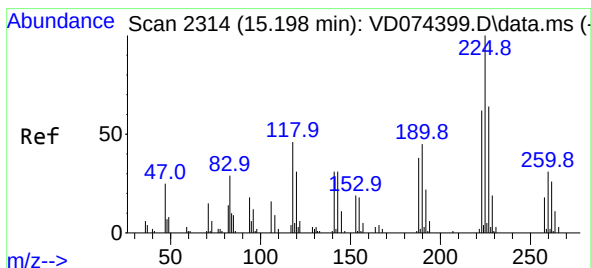
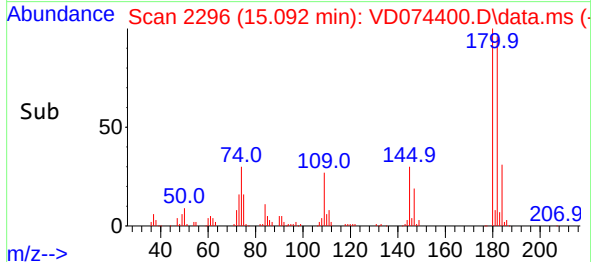
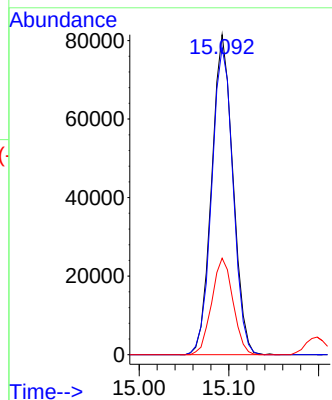
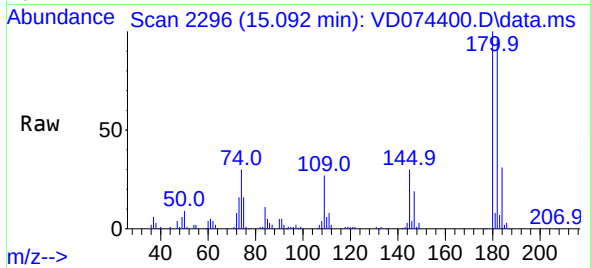




#93  
1,2,4-Trichlorobenzene  
Concen: 102.955 ug/l  
RT: 15.092 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

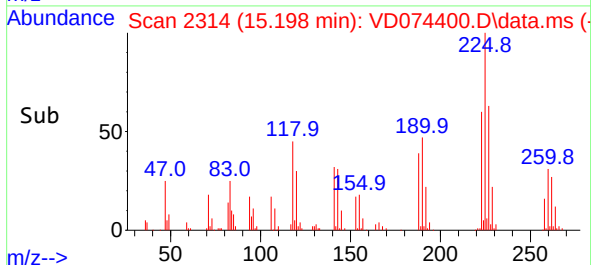
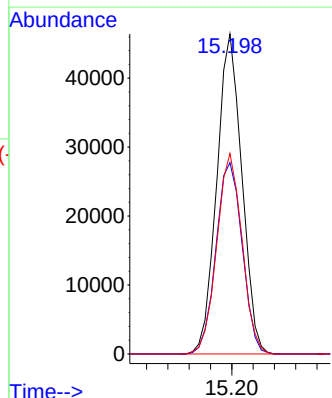
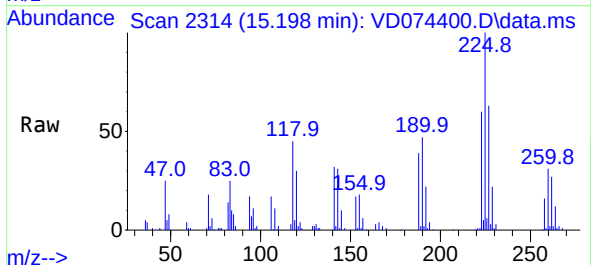
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

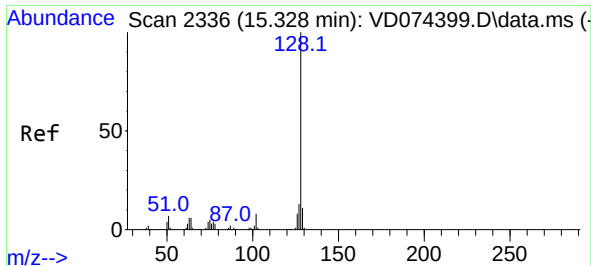
Tgt Ion:180 Resp: 134101  
Ion Ratio Lower Upper  
180 100  
182 96.1 47.6 142.9  
145 30.1 14.4 43.4



#94  
Hexachlorobutadiene  
Concen: 103.050 ug/l  
RT: 15.198 min Scan# 2314  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Tgt Ion:225 Resp: 75809  
Ion Ratio Lower Upper  
225 100  
223 62.4 32.4 97.0  
227 63.0 32.7 98.1

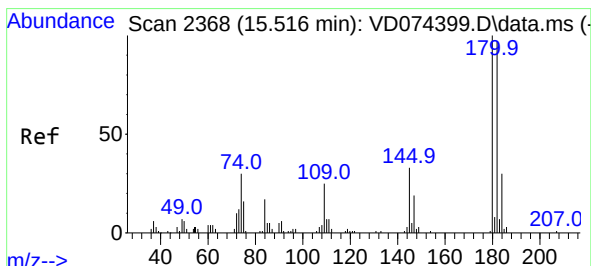
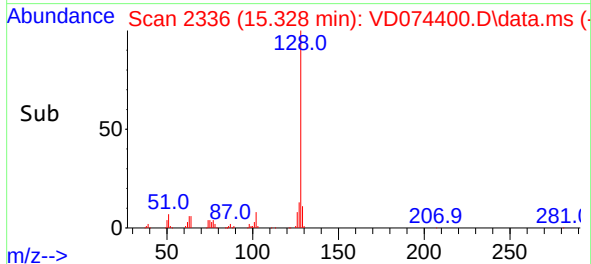
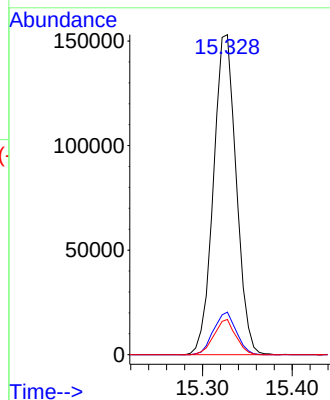
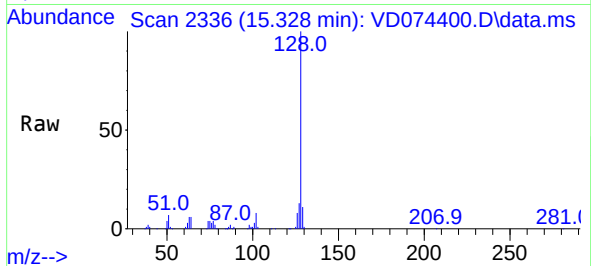




#95  
Naphthalene  
Concen: 107.661 ug/l  
RT: 15.328 min Scan# 2336  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 270180 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.3  | 10.9  | 16.3   |
| 129      | 10.6  | 8.8   | 13.2   |



#96  
1,2,3-Trichlorobenzene  
Concen: 102.587 ug/l  
RT: 15.516 min Scan# 2368  
Delta R.T. 0.000 min  
Lab File: VD074400.D  
Acq: 22 Sep 2022 12:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 117135 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 94.2  | 47.5  | 142.5  |
| 145      | 31.1  | 15.8  | 47.3   |

