

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050421\  
 Data File : VD069058.D  
 Acq On : 04 May 2021 10:37  
 Operator : VA/SY  
 Sample : VSTDIC020  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Quant Time: May 05 03:45:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 05 03:42:21 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 209037   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 353879   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.643 | 117  | 353813   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.567 | 152  | 173906   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 51451    | 19.10    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 38.20%# |
| 35) Dibromofluoromethane    | 7.920  | 113   | 46870    | 19.31    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 38.62%# |
| 50) Toluene-d8              | 10.337 | 98    | 172267   | 19.23    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 38.46%# |
| 62) 4-Bromofluorobenzene    | 12.631 | 95    | 55434    | 18.81    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 37.62%  |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 54730  | 21.53  | ug/l   | 95  |
| 3) Chloromethane             | 2.208 | 50  | 66417  | 21.23  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.344 | 62  | 90247  | 21.81  | ug/l   | 98  |
| 5) Bromomethane              | 2.738 | 94  | 50338  | 20.45  | ug/l   | 92  |
| 6) Chloroethane              | 2.903 | 64  | 49610  | 20.62  | ug/l   | 94  |
| 7) Trichlorofluoromethane    | 3.261 | 101 | 92329  | 20.32  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.714 | 74  | 24429  | 22.13  | ug/l   | 91  |
| 9) 1,1,2-Trichlorotrifluo... | 4.085 | 101 | 48609  | 19.98  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.291 | 142 | 37966  | 19.85  | ug/l # | 95  |
| 11) Tert butyl alcohol       | 5.214 | 59  | 13743  | 54.66  | ug/l # | 91  |
| 12) 1,1-Dichloroethene       | 4.061 | 96  | 44144  | 20.15  | ug/l   | 86  |
| 13) Acrolein                 | 3.926 | 56  | 18061  | 111.88 | ug/l   | 95  |
| 14) Allyl chloride           | 4.702 | 41  | 57245  | 20.28  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.420 | 53  | 47537  | 99.08  | ug/l   | 97  |
| 16) Acetone                  | 4.167 | 43  | 40835  | 94.91  | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.402 | 76  | 151852 | 20.50  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.714 | 43  | 20394  | 19.44  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 102416 | 20.45  | ug/l   | 96  |
| 20) Methylene Chloride       | 4.961 | 84  | 66577  | 20.06  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.467 | 96  | 53340  | 20.49  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.367 | 45  | 131111 | 20.81  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.302 | 43  | 361365 | 102.53 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 91674  | 20.60  | ug/l   | 97  |
| 25) 2-Butanone               | 7.214 | 43  | 56627  | 98.32  | ug/l # | 84  |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 85302  | 20.52  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 55971  | 19.92  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.538 | 49  | 35695  | 19.87  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.567 | 42  | 35266  | 99.54  | ug/l   | 98  |
| 30) Chloroform               | 7.708 | 83  | 103512 | 20.80  | ug/l   | 100 |
| 31) Cyclohexane              | 7.985 | 56  | 77279  | 19.78  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.896 | 97  | 91079  | 20.04  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 77022  | 20.69  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.291 | 43  | 30052  | 21.41  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.096 | 117 | 85446  | 21.16  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.355 | 83  | 83122  | 20.42  | ug/l   | 96  |
| 40) Benzene                  | 8.349 | 78  | 213481 | 20.72  | ug/l   | 98  |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Quant Time: May 05 03:45:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 05 03:42:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.573  | 41   | 38000    | 45.63  | ug/l # | 55       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 68220    | 21.18  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.455  | 43   | 53897    | 20.48  | ug/l   | 98       |
| 44) Trichloroethene           | 9.114  | 130  | 55266    | 20.18  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 51946    | 20.48  | ug/l   | 95       |
| 46) Dibromomethane            | 9.473  | 93   | 29903    | 20.51  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.661  | 83   | 78822    | 20.56  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.455  | 41   | 26379    | 20.33  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 7261     | 430.72 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 135526   | 100.59 | ug/l   | 97       |
| 52) Toluene                   | 10.402 | 92   | 138878   | 21.24  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 67451    | 20.25  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.090 | 75   | 79344    | 20.14  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 39064    | 20.18  | ug/l   | 89       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 42296    | 20.26  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.943 | 76   | 67912    | 20.81  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.937  | 63   | 112834   | 100.65 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.985 | 43   | 91089    | 100.17 | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.137 | 129  | 52609    | 20.42  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 39721    | 21.14  | ug/l   | 92       |
| 64) Tetrachloroethene         | 10.873 | 164  | 46375    | 20.34  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.667 | 112  | 145949   | 20.21  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.737 | 131  | 54088    | 19.79  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.743 | 91   | 258612   | 20.20  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.849 | 106  | 199668   | 41.48  | ug/l   | 97       |
| 69) o-Xylene                  | 12.179 | 106  | 84510    | 19.58  | ug/l   | 99       |
| 70) Styrene                   | 12.190 | 104  | 153358   | 20.12  | ug/l   | 98       |
| 71) Bromoform                 | 12.355 | 173  | 28737    | 20.52  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.479 | 105  | 238029   | 19.78  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.284 | 43   | 49346    | 19.52  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 47117    | 19.97  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 60699    | 41.58  | ug/l # | 100      |
| 77) Bromobenzene              | 12.761 | 156  | 56250    | 20.19  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.814 | 91   | 301380   | 20.38  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 167838   | 20.35  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 209830   | 20.48  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 13778    | 19.80  | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 178004   | 20.16  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 163374   | 19.56  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 212154   | 20.72  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 242562   | 20.07  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 223530   | 20.04  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 110820   | 19.82  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.590 | 146  | 113220   | 20.54  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.837 | 91   | 210423   | 19.88  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.102 | 117  | 46328    | 20.20  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.884 | 146  | 99428    | 20.45  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 7835     | 20.19  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 55996    | 19.41  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 33500    | 20.05  | ug/l   | 98       |
| 95) Naphthalene               | 15.390 | 128  | 101642   | 19.09  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.584 | 180  | 50327    | 20.20  | ug/l   | 98       |

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

Instrument :  
MSVOA\_D  
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Quant Title : SW846 8260  
QLast Update : Wed May 05 03:42:21 2021  
Response via : Initial Calibration

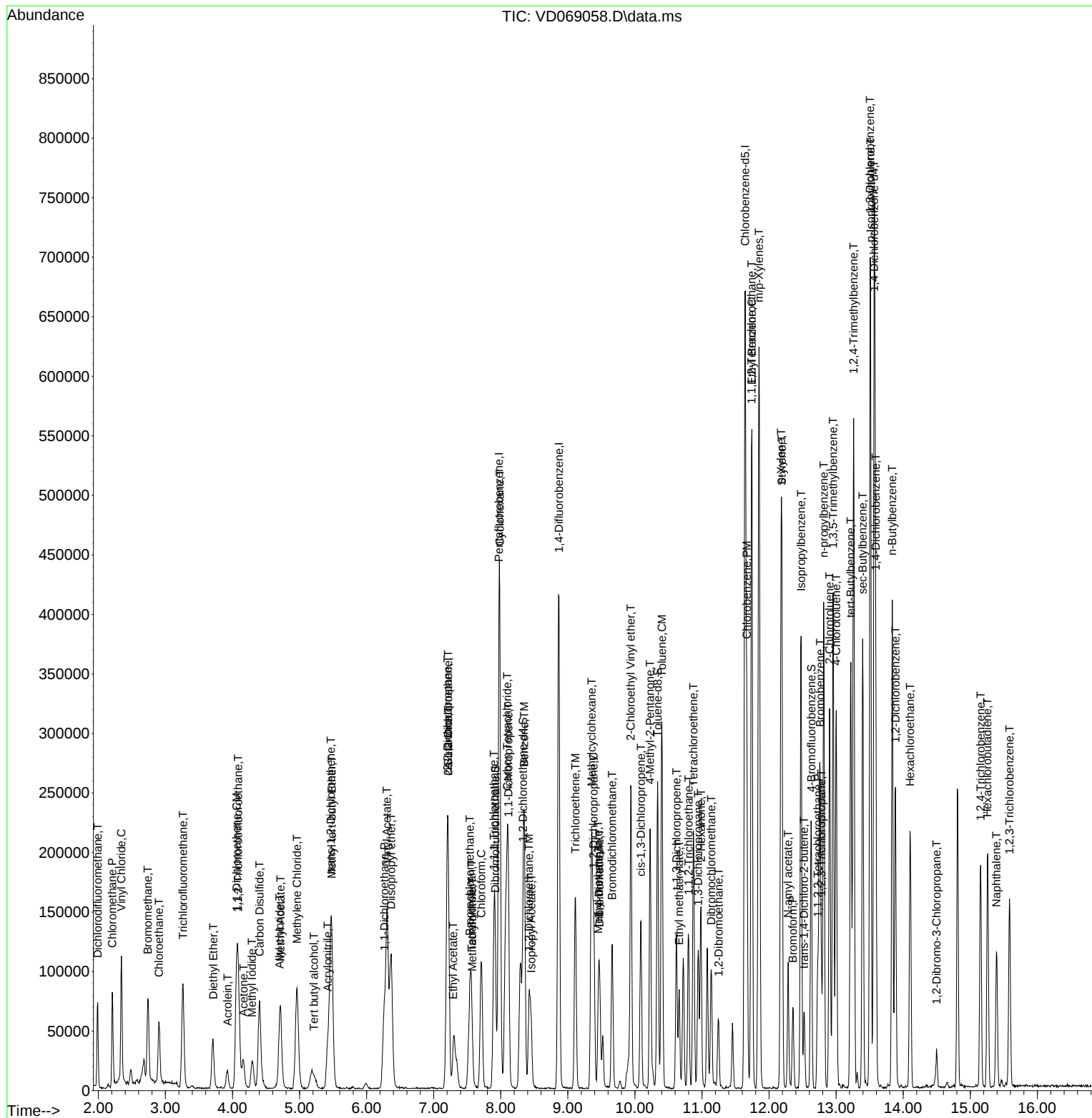
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

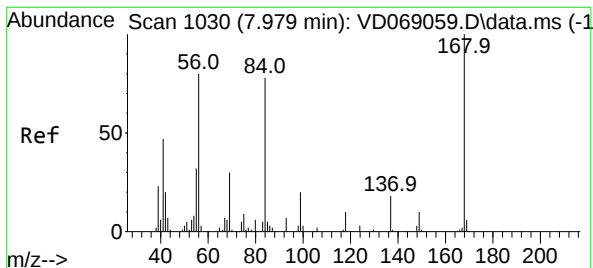
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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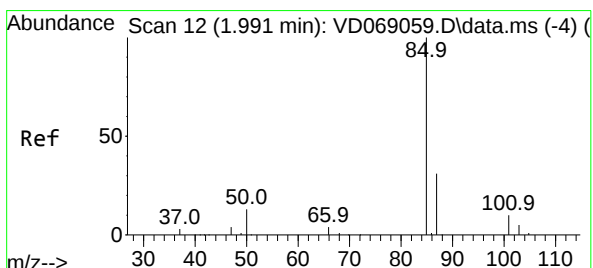
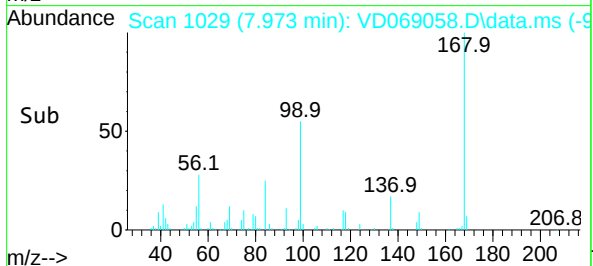
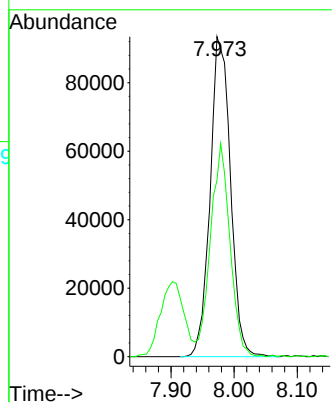
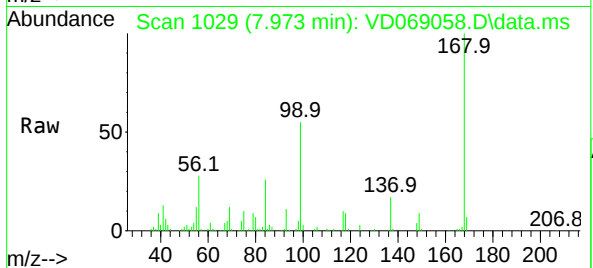




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

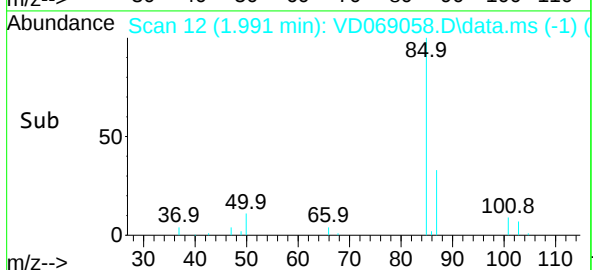
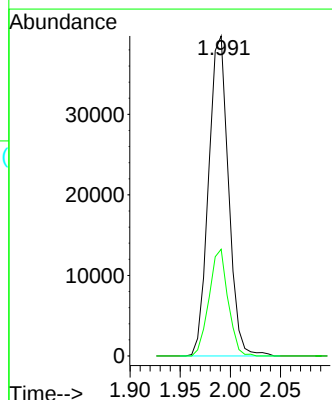
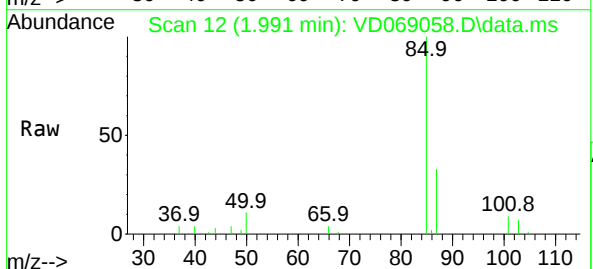
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

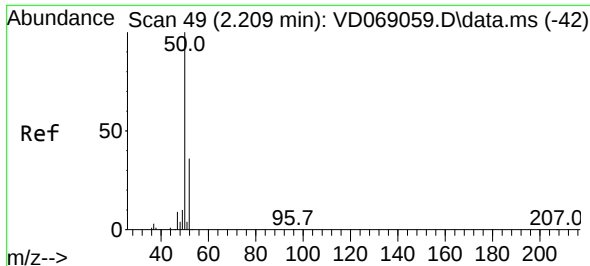
Tgt Ion:168 Resp: 209037  
Ion Ratio Lower Upper  
168 100  
99 54.9 52.6 78.8



#2  
Dichlorodifluoromethane  
Concen: 21.53 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 85 Resp: 54730  
Ion Ratio Lower Upper  
85 100  
87 33.3 15.4 46.2

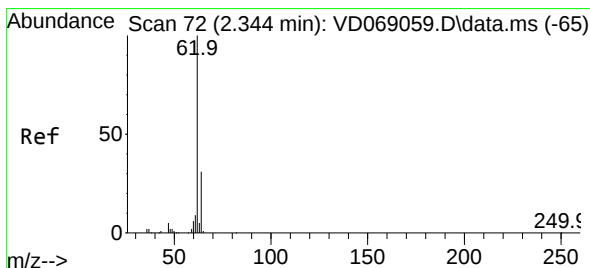
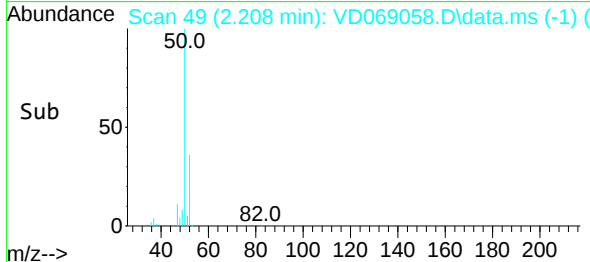
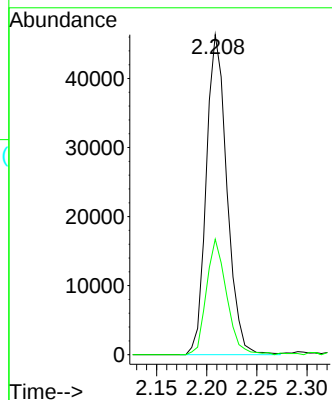
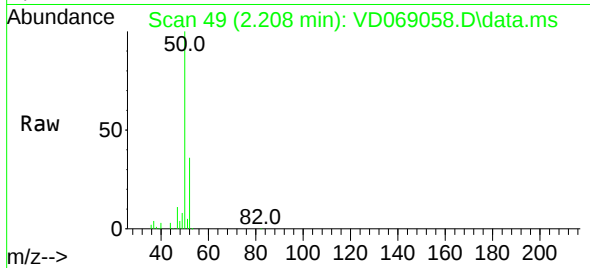




#3  
Chloromethane  
Concen: 21.23 ug/l  
RT: 2.208 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

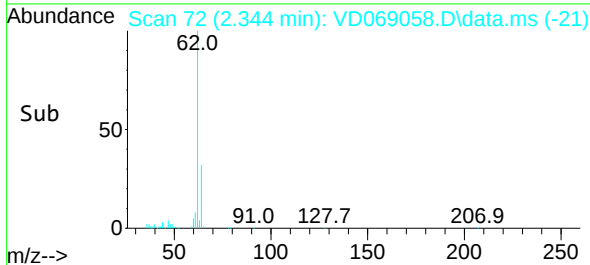
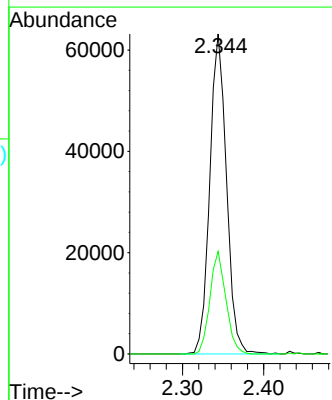
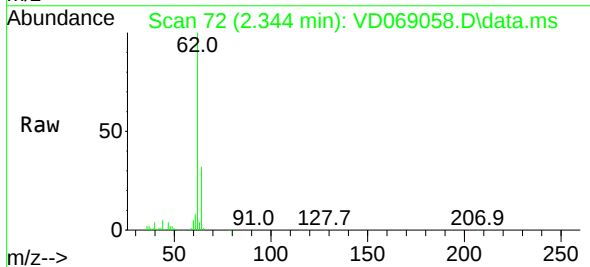
Instrument :  
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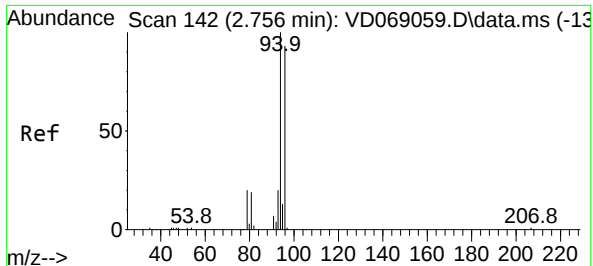
Tgt Ion: 50 Resp: 66417  
Ion Ratio Lower Upper  
50 100  
52 36.1 28.5 42.7



#4  
Vinyl Chloride  
Concen: 21.81 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 62 Resp: 90247  
Ion Ratio Lower Upper  
62 100  
64 32.1 24.9 37.3

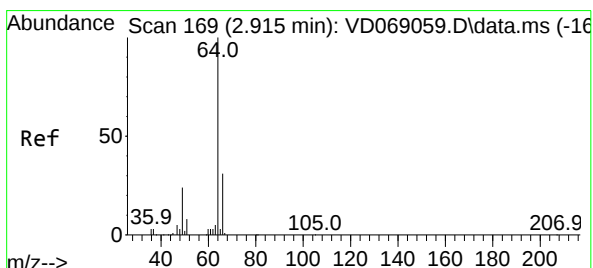
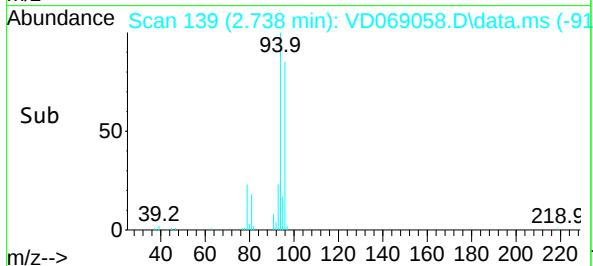
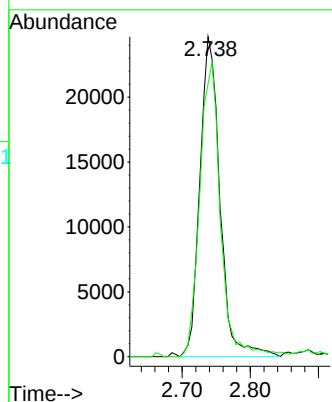
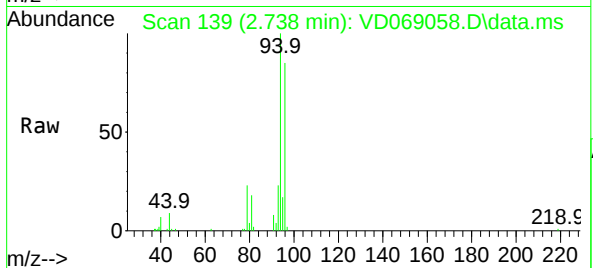




#5  
Bromomethane  
Concen: 20.45 ug/l  
RT: 2.738 min Scan# 139  
Delta R.T. -0.018 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

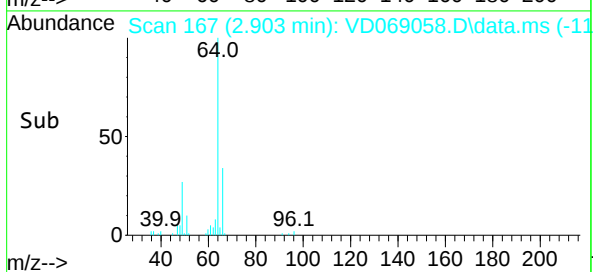
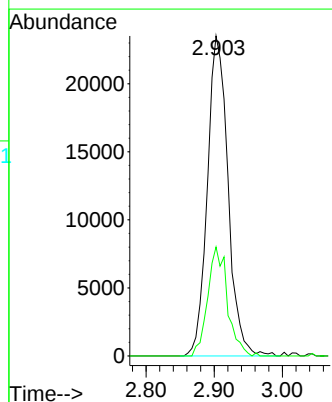
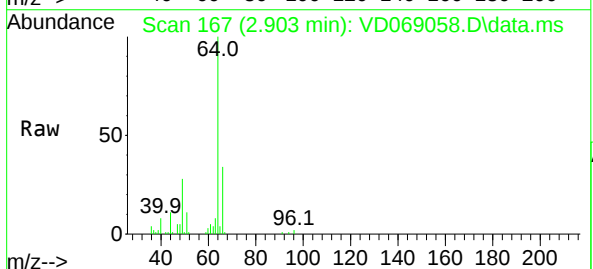
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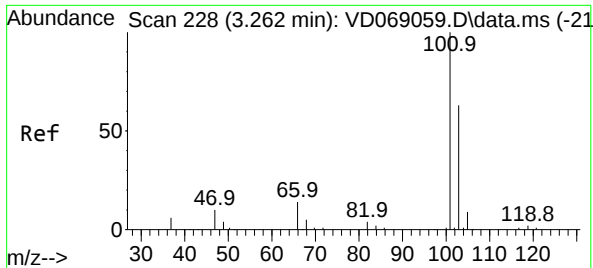
Tgt Ion: 94 Resp: 50338  
Ion Ratio Lower Upper  
94 100  
96 85.2 74.3 111.5



#6  
Chloroethane  
Concen: 20.62 ug/l  
RT: 2.903 min Scan# 167  
Delta R.T. -0.012 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 64 Resp: 49610  
Ion Ratio Lower Upper  
64 100  
66 34.1 24.7 37.1

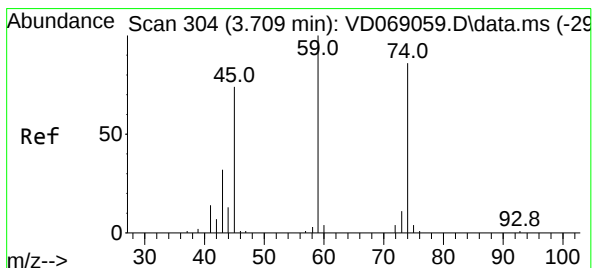
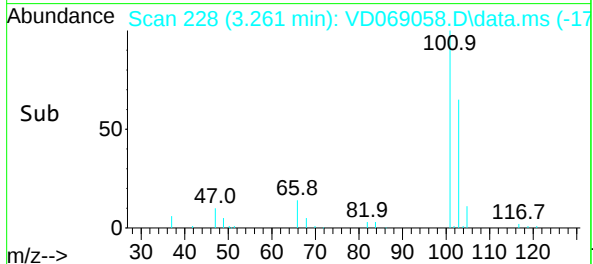
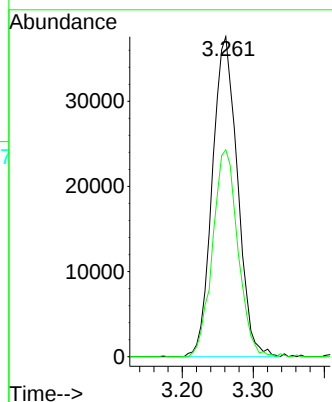
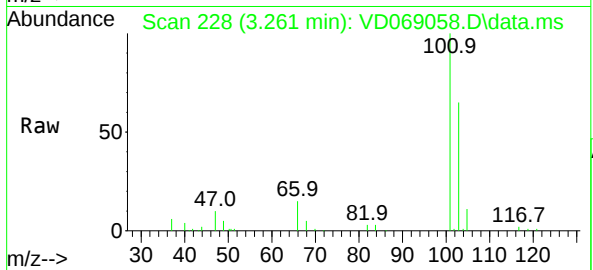




#7  
 Trichlorofluoromethane  
 Concen: 20.32 ug/l  
 RT: 3.261 min Scan# 228  
 Delta R.T. -0.000 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

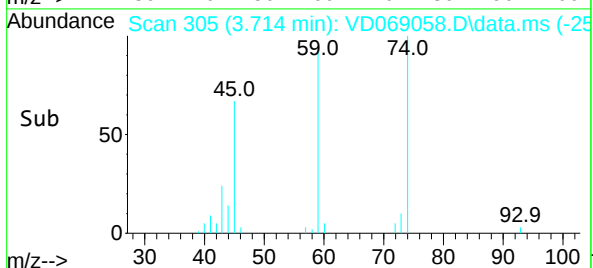
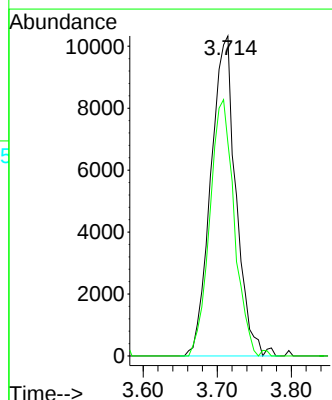
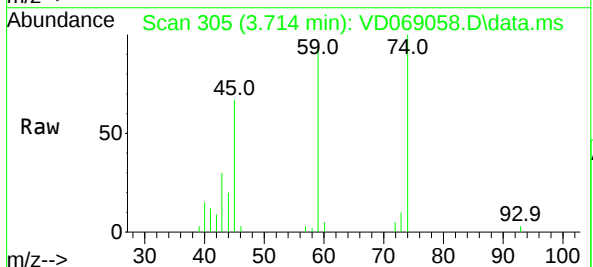
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

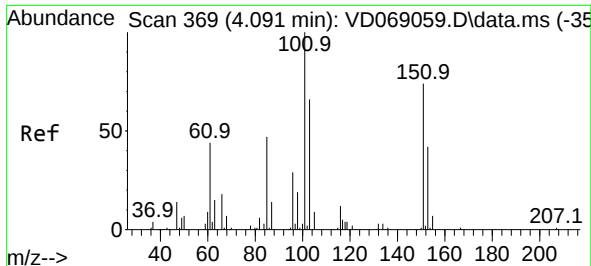
Tgt Ion:101 Resp: 92329  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 50.2 75.2



#8  
 Diethyl Ether  
 Concen: 22.13 ug/l  
 RT: 3.714 min Scan# 305  
 Delta R.T. 0.006 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

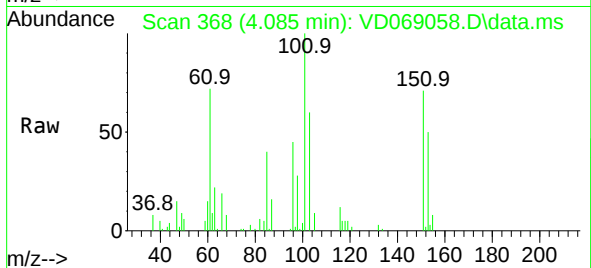
Tgt Ion: 74 Resp: 24429  
 Ion Ratio Lower Upper  
 74 100  
 45 77.3 42.9 128.5



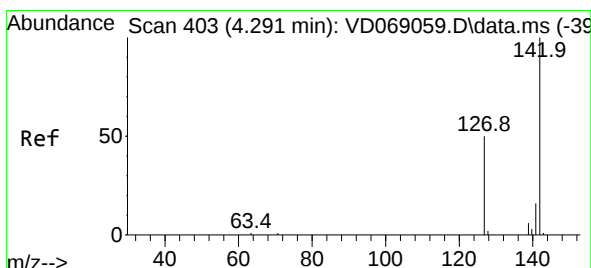
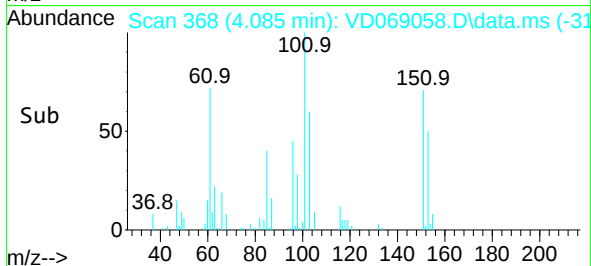
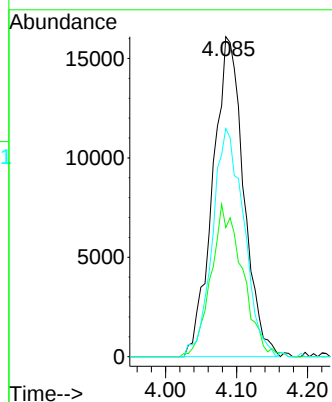


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.98 ug/l  
RT: 4.085 min Scan# 368  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

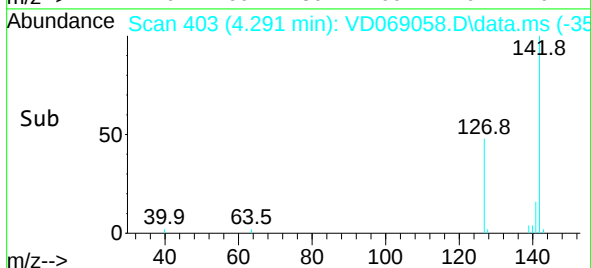
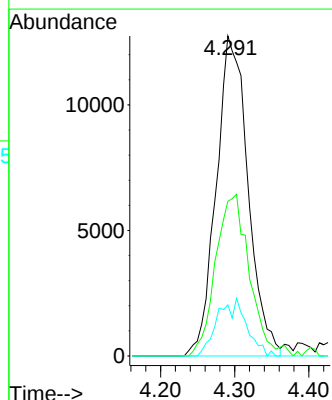
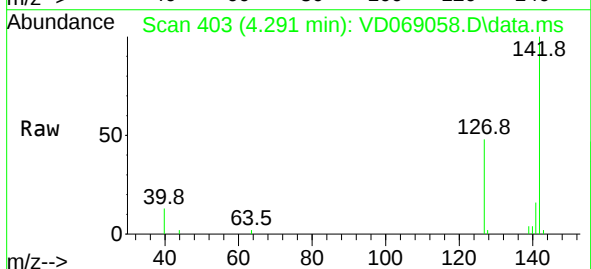


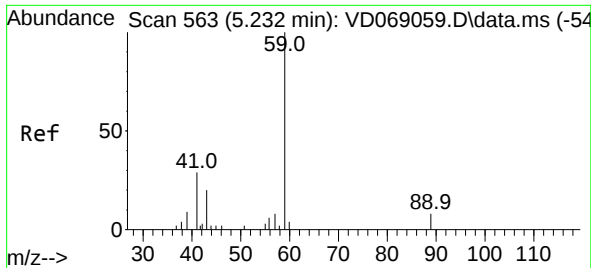
Tgt Ion:101 Resp: 48609  
Ion Ratio Lower Upper  
101 100  
85 48.5 38.1 57.1  
151 72.6 57.9 86.9



#10  
Methyl Iodide  
Concen: 19.85 ug/l  
RT: 4.291 min Scan# 403  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion:142 Resp: 37966  
Ion Ratio Lower Upper  
142 100  
127 53.7 41.6 62.4  
141 9.2 12.2 18.4#

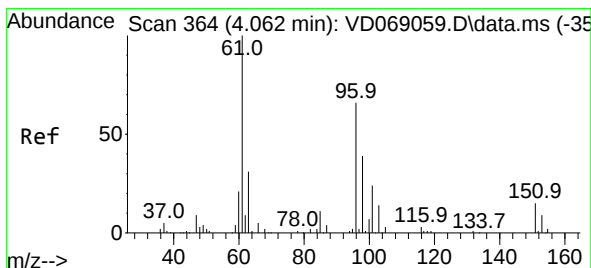
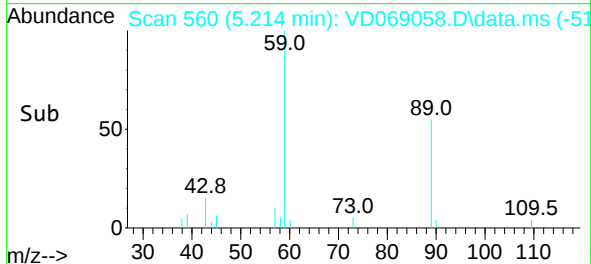
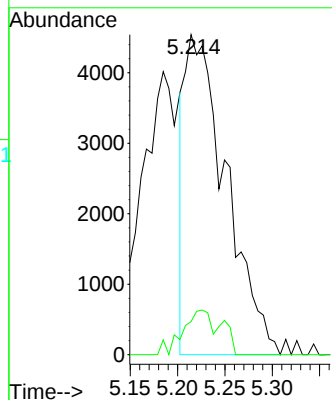
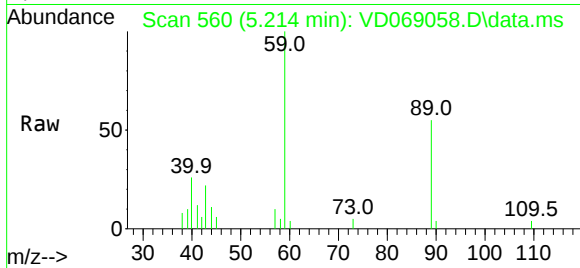




#11  
Tert butyl alcohol  
Concen: 54.66 ug/l  
RT: 5.214 min Scan# 560  
Delta R.T. -0.018 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

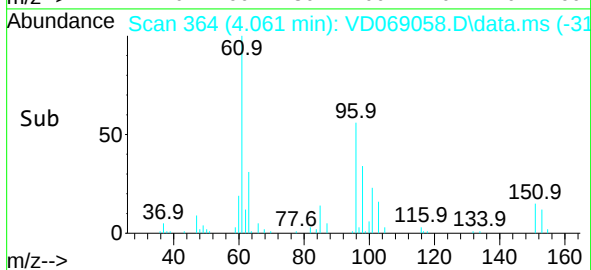
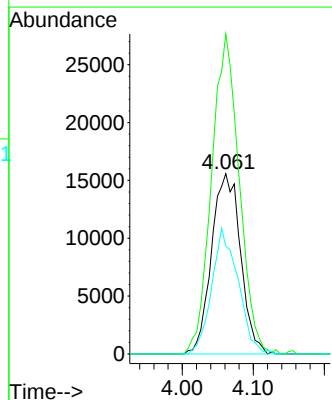
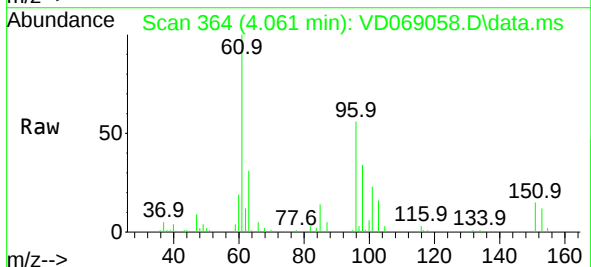
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

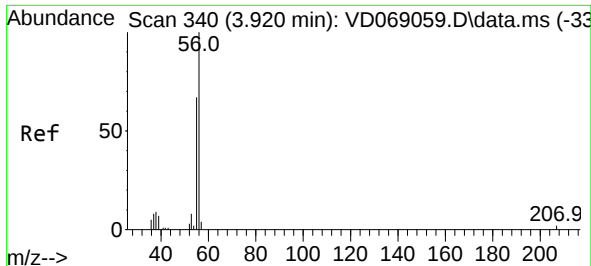
Tgt Ion: 59 Resp: 13743  
Ion Ratio Lower Upper  
59 100  
57 9.6 5.3 7.9#



#12  
1,1-Dichloroethene  
Concen: 20.15 ug/l  
RT: 4.061 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

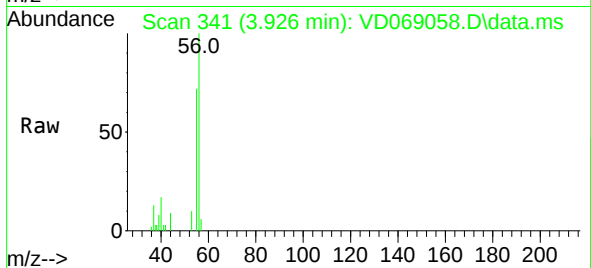
Tgt Ion: 96 Resp: 44144  
Ion Ratio Lower Upper  
96 100  
61 177.4 121.8 182.8  
98 59.7 47.3 70.9



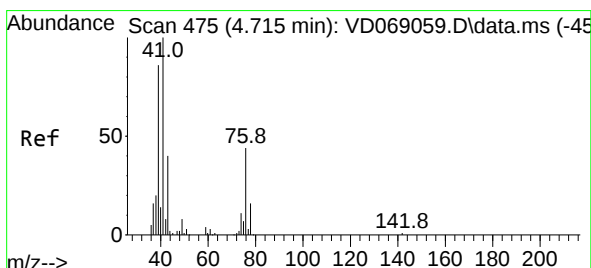
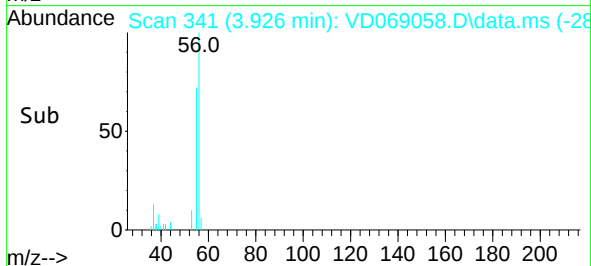
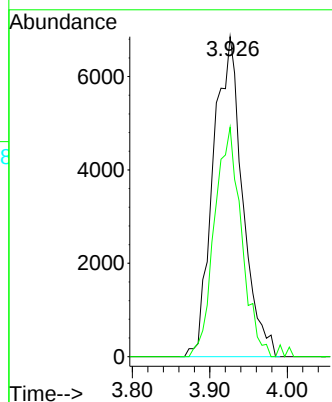


#13  
Acrolein  
Concen: 111.88 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

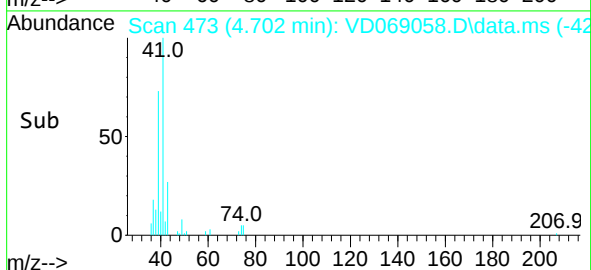
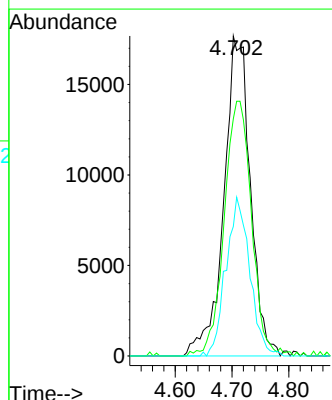
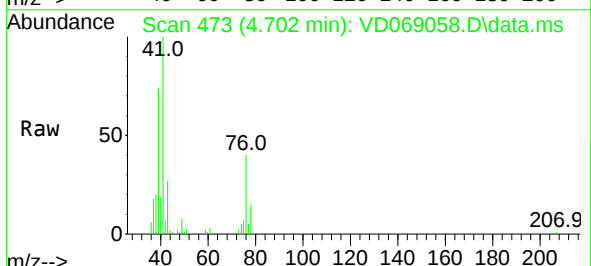


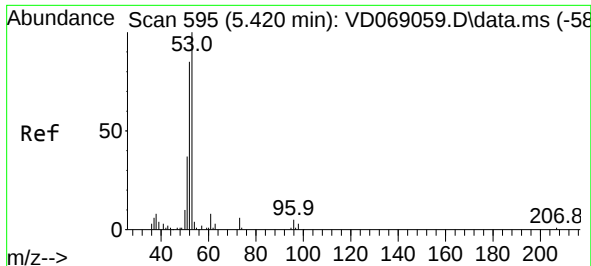
Tgt Ion: 56 Resp: 18061  
Ion Ratio Lower Upper  
56 100  
55 66.0 56.0 84.0



#14  
Allyl chloride  
Concen: 20.28 ug/l  
RT: 4.702 min Scan# 473  
Delta R.T. -0.012 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 41 Resp: 57245  
Ion Ratio Lower Upper  
41 100  
39 82.3 67.5 101.3  
76 44.5 35.1 52.7

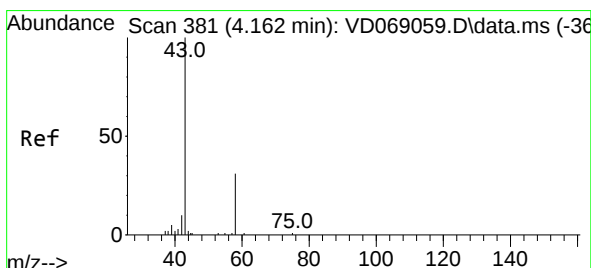
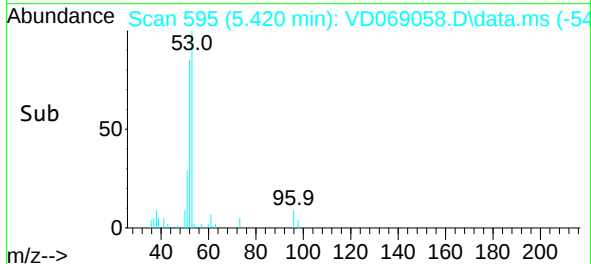
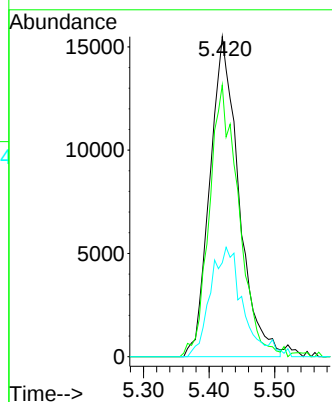
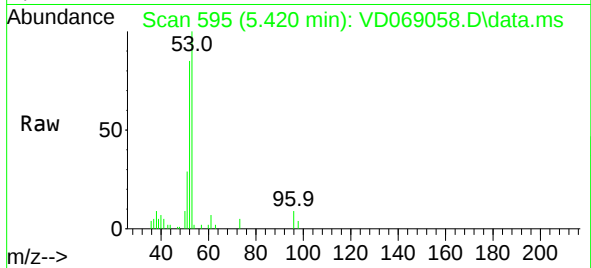




#15  
Acrylonitrile  
Concen: 99.08 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

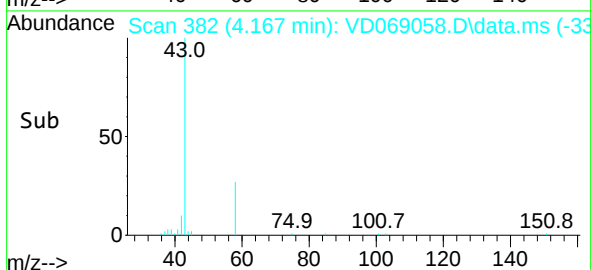
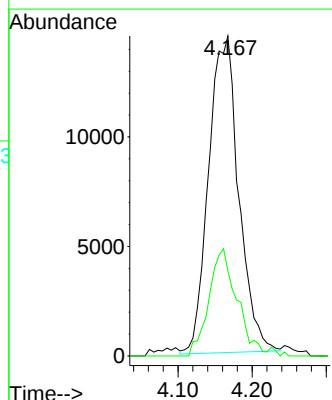
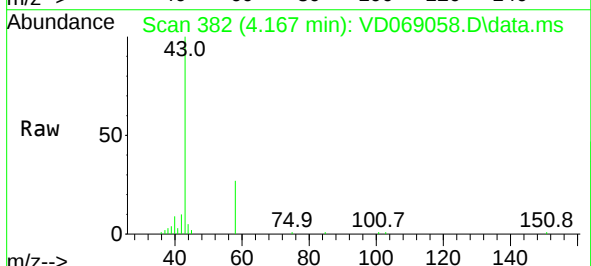
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

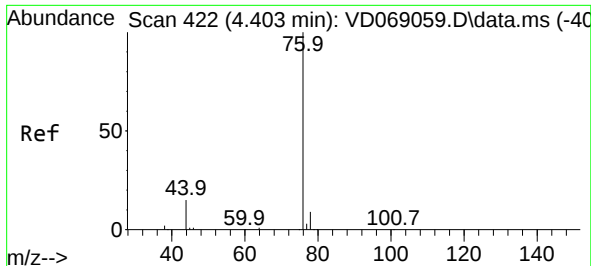
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 47537 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 86.6  | 66.0  | 99.0  |
| 51       | 38.5  | 30.6  | 45.8  |



#16  
Acetone  
Concen: 94.91 ug/l  
RT: 4.167 min Scan# 382  
Delta R.T. 0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 40835 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 27.1  | 24.5  | 36.7  |

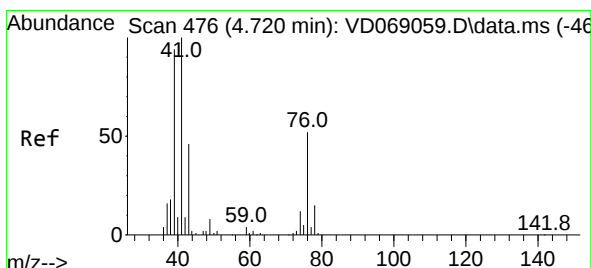
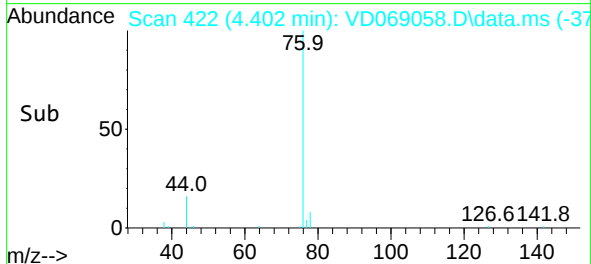
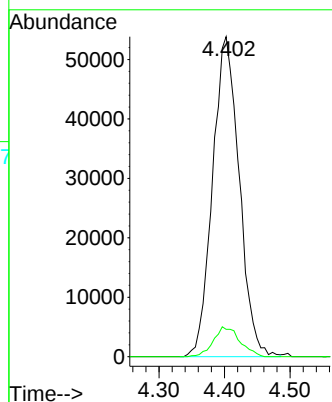
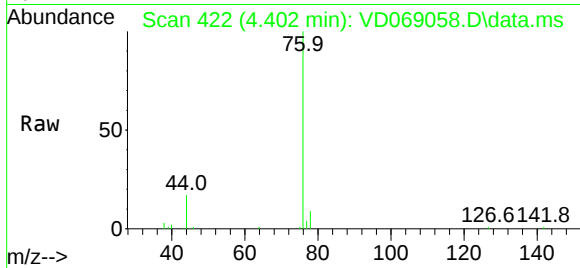




#17  
Carbon Disulfide  
Concen: 20.50 ug/l  
RT: 4.402 min Scan# 422  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

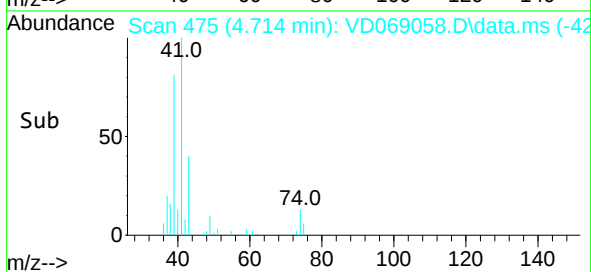
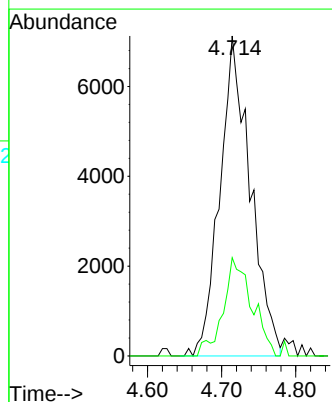
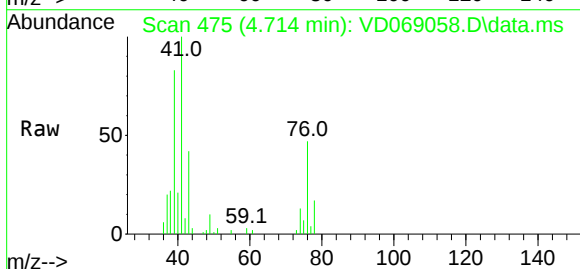
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

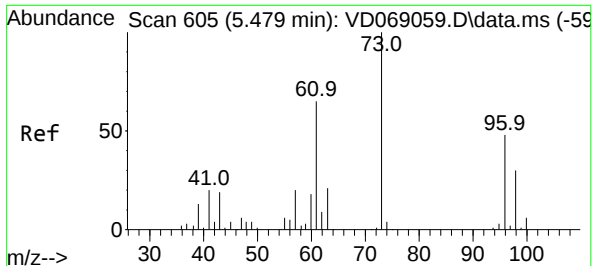
Tgt Ion: 76 Resp: 151852  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.2



#18  
Methyl Acetate  
Concen: 19.44 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 43 Resp: 20394  
Ion Ratio Lower Upper  
43 100  
74 28.9 23.3 34.9



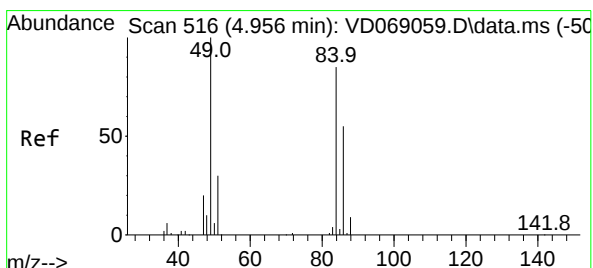
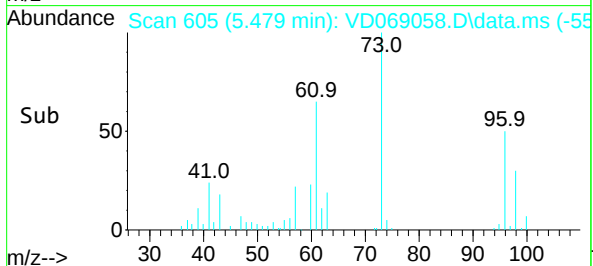
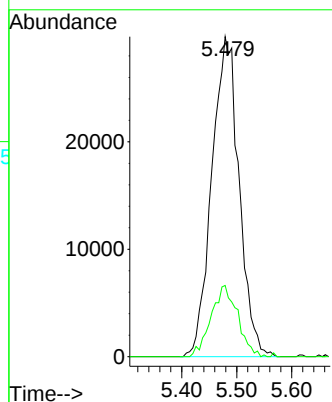
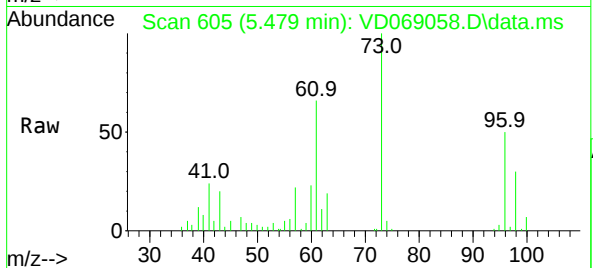


#19

Methyl tert-butyl Ether  
 Concen: 20.45 ug/l  
 RT: 5.479 min Scan# 605  
 Delta R.T. -0.000 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

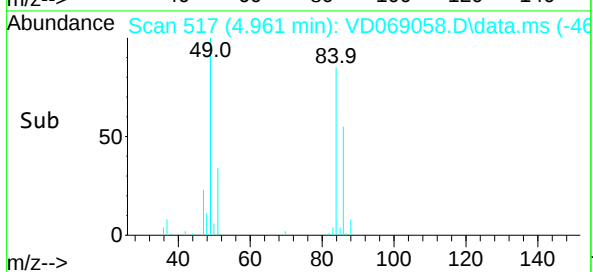
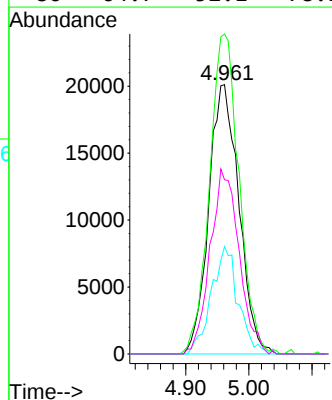
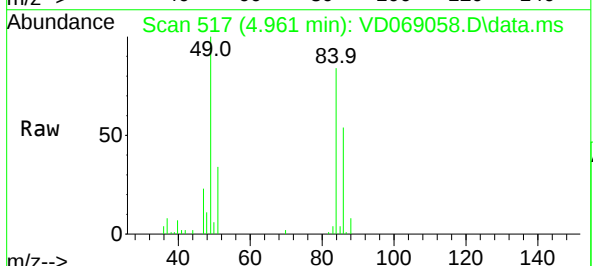
Tgt Ion: 73 Resp: 102416  
 Ion Ratio Lower Upper  
 73 100  
 57 22.2 16.4 24.6

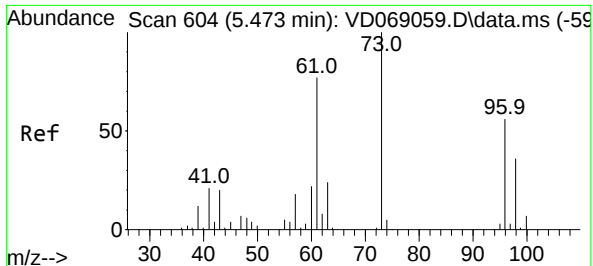


#20

Methylene Chloride  
 Concen: 20.06 ug/l  
 RT: 4.961 min Scan# 517  
 Delta R.T. 0.006 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

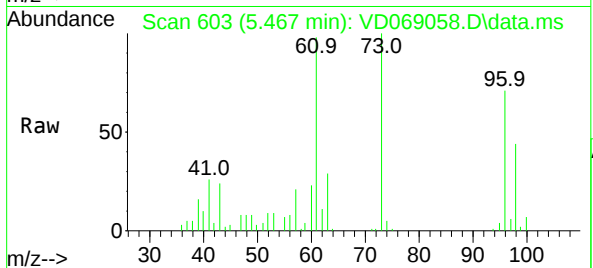
Tgt Ion: 84 Resp: 66577  
 Ion Ratio Lower Upper  
 84 100  
 49 118.9 93.9 140.9  
 51 40.0 27.9 41.9  
 86 64.7 52.1 78.1



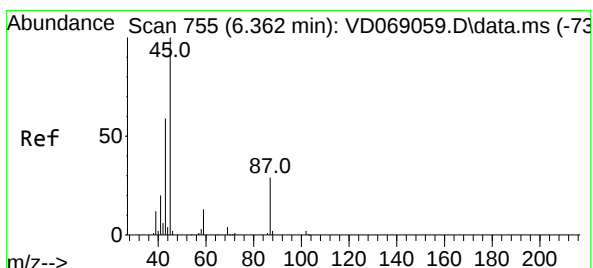
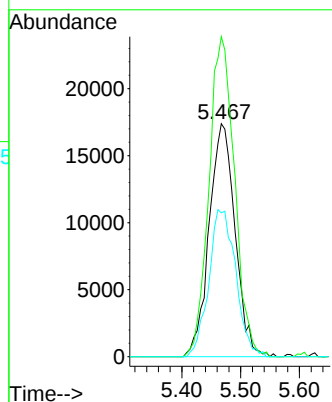
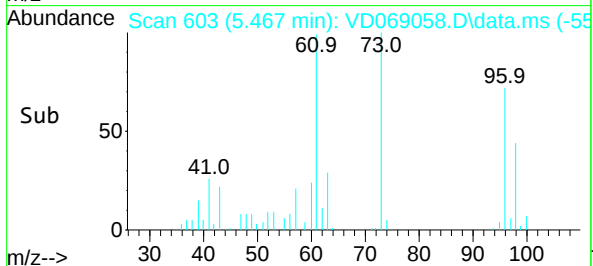


#21  
trans-1,2-Dichloroethene  
Concen: 20.49 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

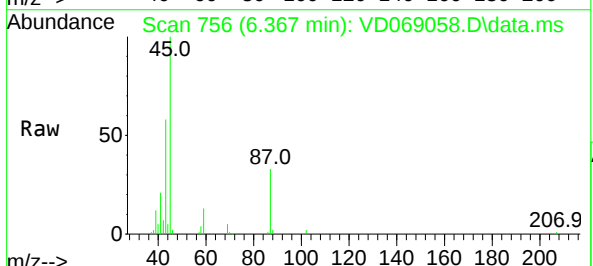
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020



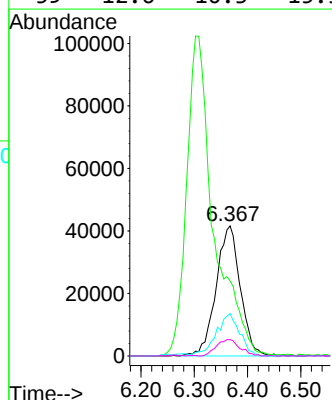
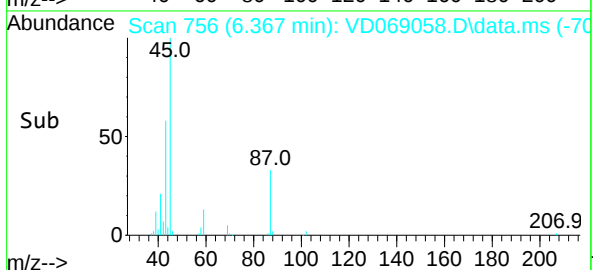
Tgt Ion: 96 Resp: 53340  
Ion Ratio Lower Upper  
96 100  
61 137.4 109.0 163.4  
98 61.8 51.2 76.8

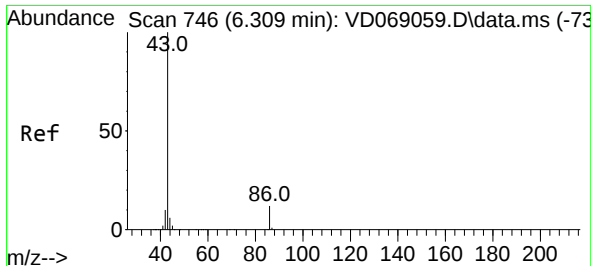


#22  
Diisopropyl ether  
Concen: 20.81 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37



Tgt Ion: 45 Resp: 131111  
Ion Ratio Lower Upper  
45 100  
43 55.7 48.0 72.0  
87 32.6 23.6 35.4  
59 12.6 10.3 15.5

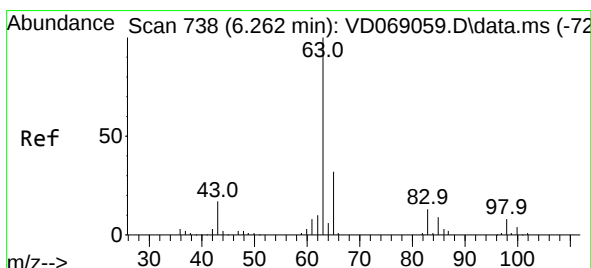
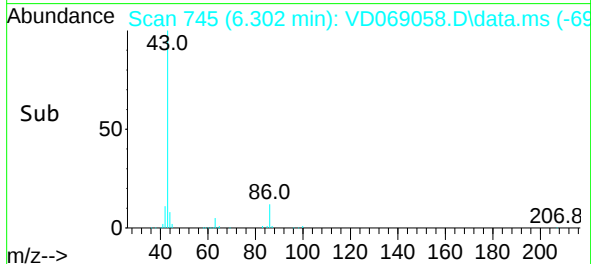
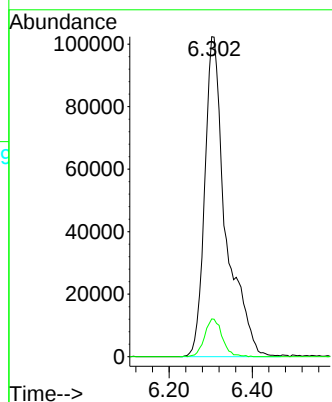
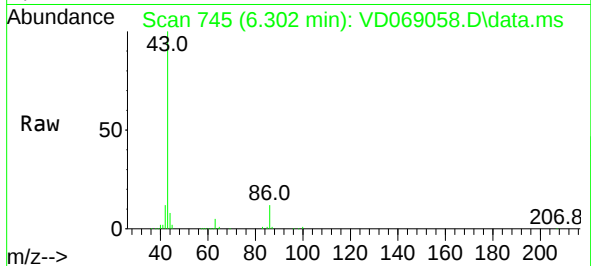




#23  
 Vinyl Acetate  
 Concen: 102.53 ug/l  
 RT: 6.302 min Scan# 745  
 Delta R.T. -0.006 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

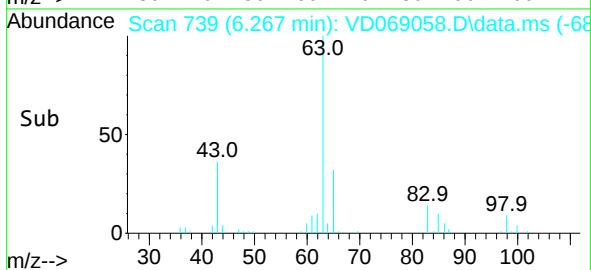
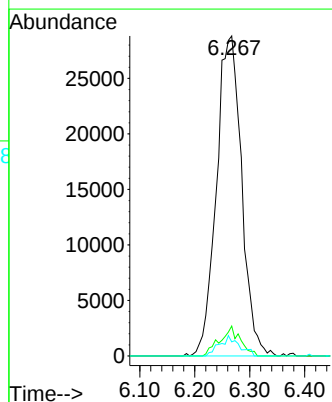
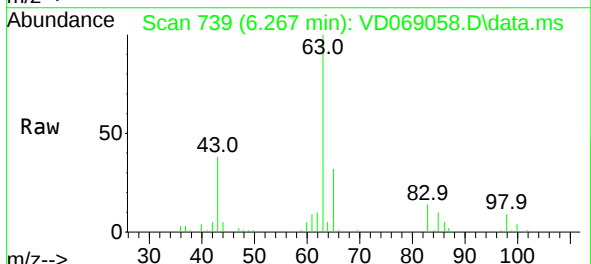
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

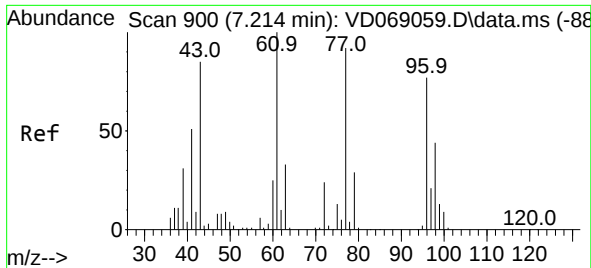
Tgt Ion: 43 Resp: 361365  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 9.6 14.4



#24  
 1,1-Dichloroethane  
 Concen: 20.60 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.006 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

Tgt Ion: 63 Resp: 91674  
 Ion Ratio Lower Upper  
 63 100  
 98 9.4 3.9 11.7  
 100 4.4 2.1 6.5

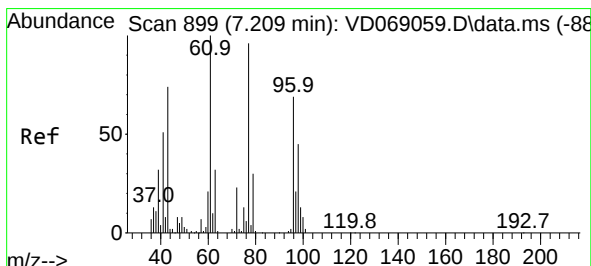
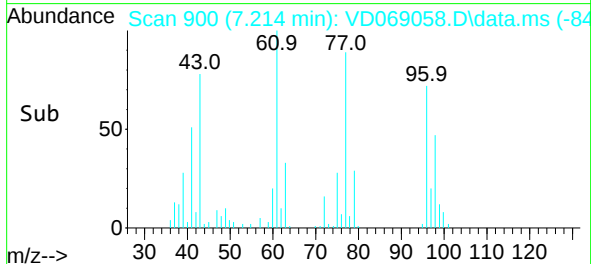
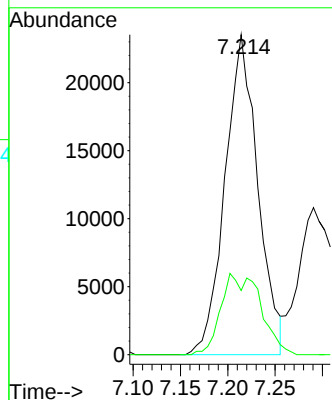
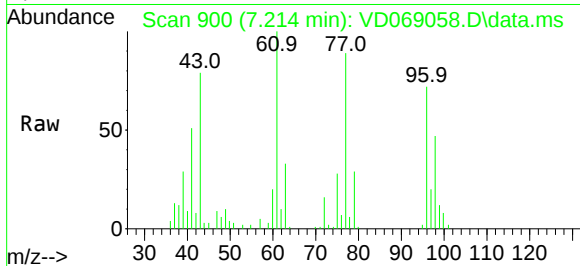




#25  
2-Butanone  
Concen: 98.32 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

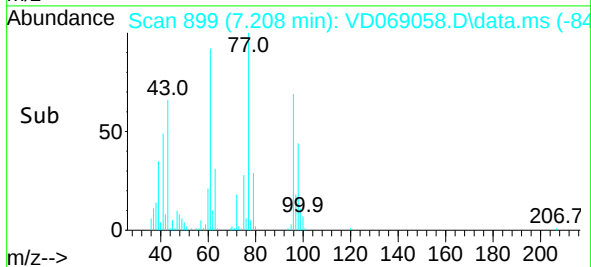
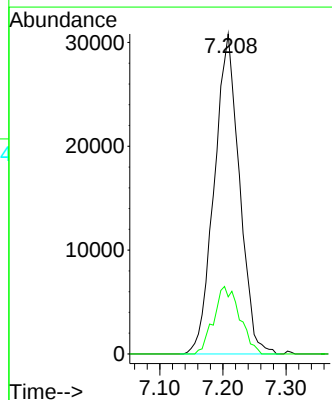
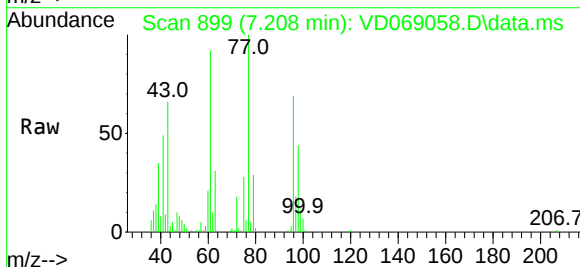
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

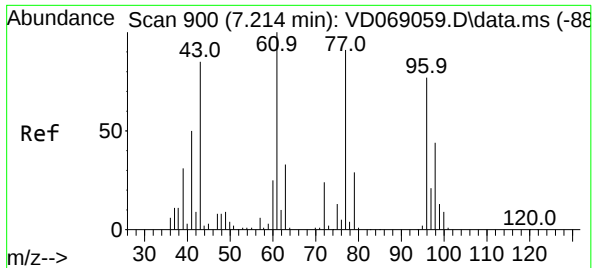
Tgt Ion: 43 Resp: 56627  
Ion Ratio Lower Upper  
43 100  
72 20.0 23.0 34.4#



#26  
2,2-Dichloropropane  
Concen: 20.52 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 77 Resp: 85302  
Ion Ratio Lower Upper  
77 100  
97 21.8 11.1 33.1

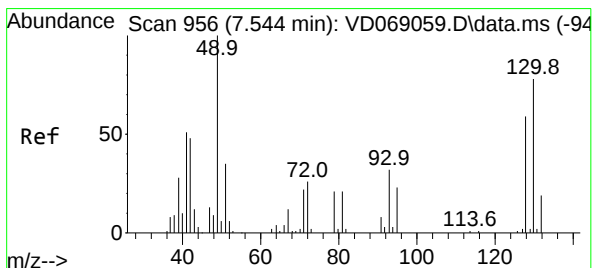
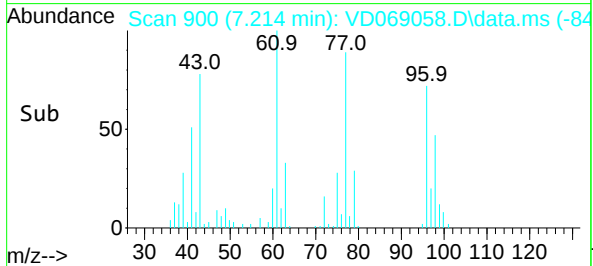
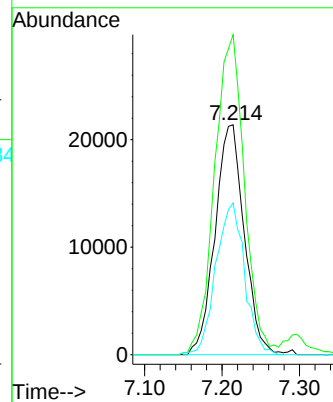
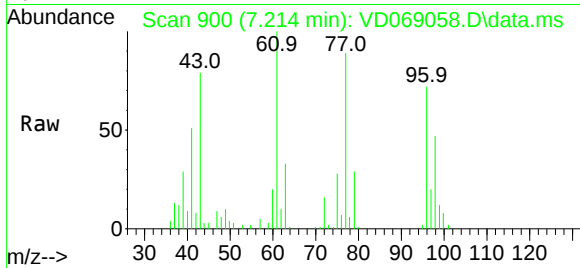




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.92 ug/l  
 RT: 7.214 min Scan# 900  
 Delta R.T. -0.000 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

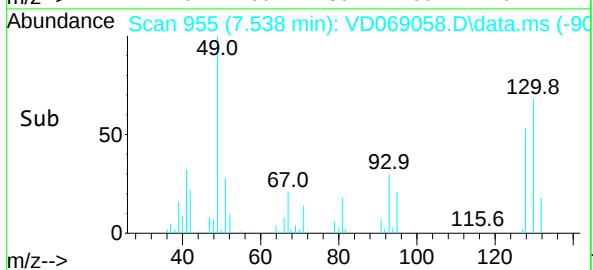
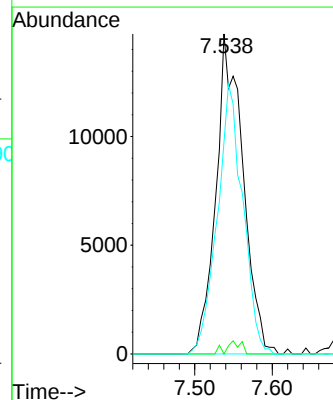
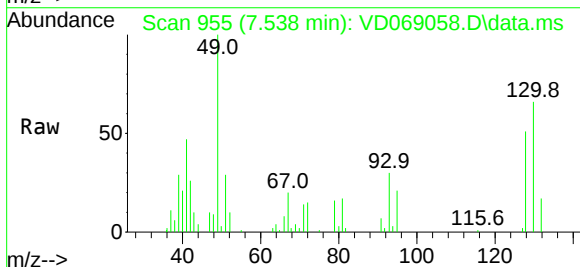
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

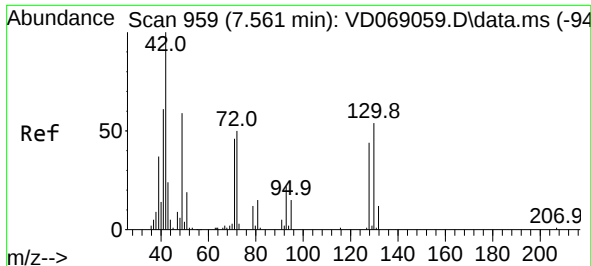
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 55971 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 142.7 | 0.0   | 278.0 |
| 98       | 64.8  | 0.0   | 126.0 |



#28  
 Bromochloromethane  
 Concen: 19.87 ug/l  
 RT: 7.538 min Scan# 955  
 Delta R.T. -0.006 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 35695 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.2   | 0.0   | 5.2   |
| 130      | 79.5  | 64.9  | 97.3  |





#29

Tetrahydrofuran

Concen: 99.54 ug/l

RT: 7.567 min Scan# 960

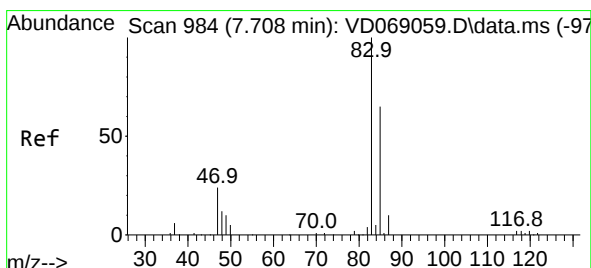
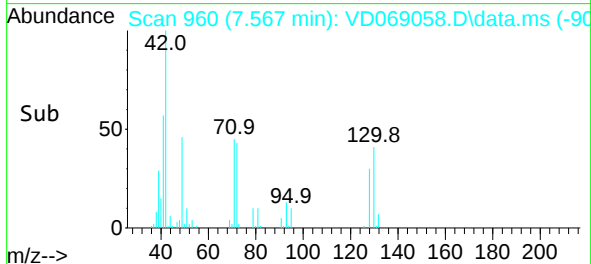
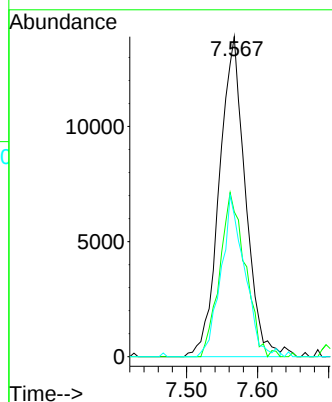
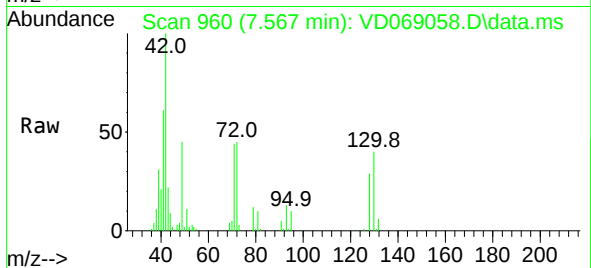
Delta R.T. 0.006 min

Lab File: VD069058.D

Acq: 04 May 2021 10:37

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 35266 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 50.5  | 39.4  | 59.0  |
| 71       | 46.2  | 38.4  | 57.6  |



#30

Chloroform

Concen: 20.80 ug/l

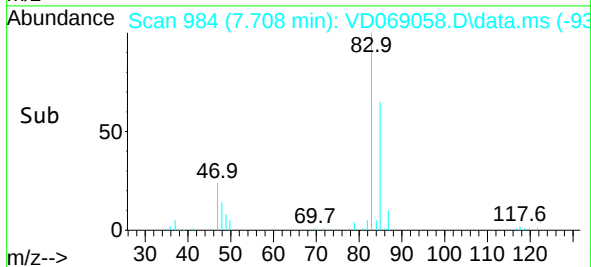
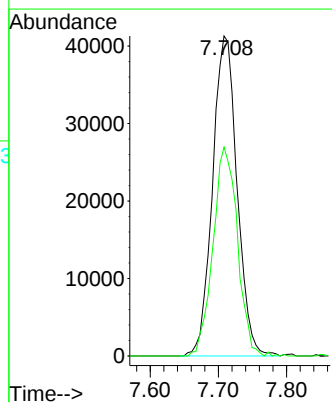
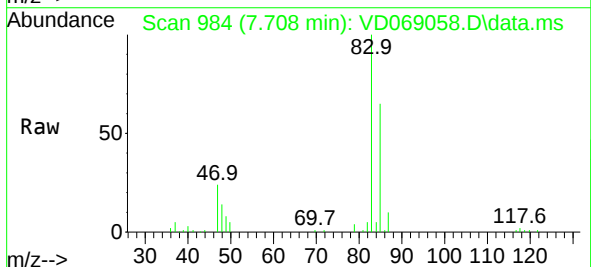
RT: 7.708 min Scan# 984

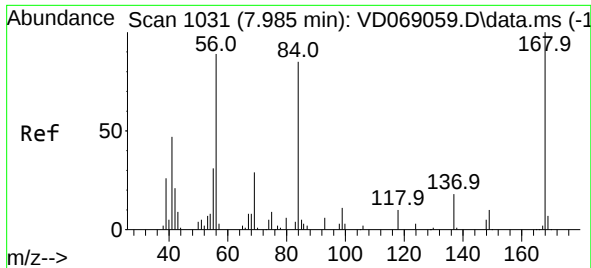
Delta R.T. -0.000 min

Lab File: VD069058.D

Acq: 04 May 2021 10:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 103512 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.3  | 52.4  | 78.6   |

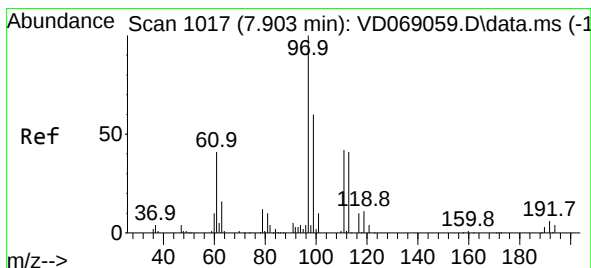
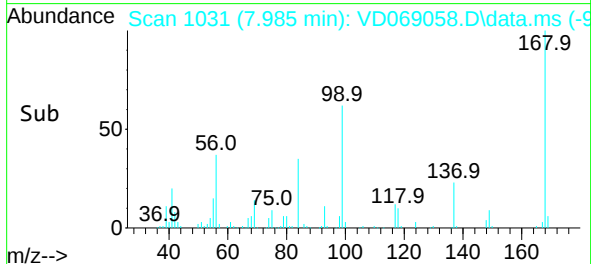
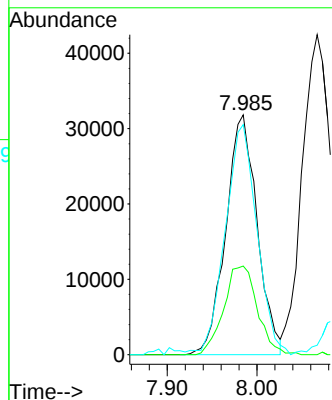
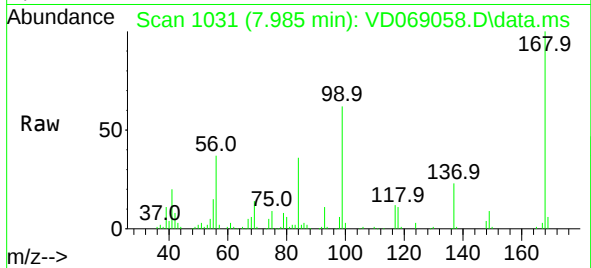




#31  
Cyclohexane  
Concen: 19.78 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

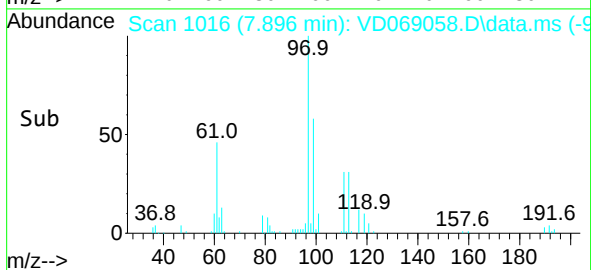
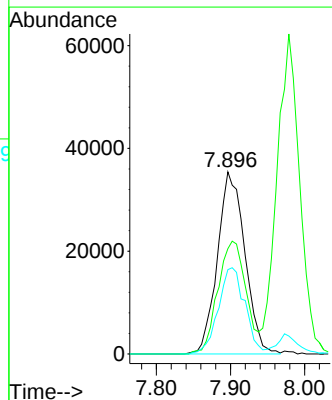
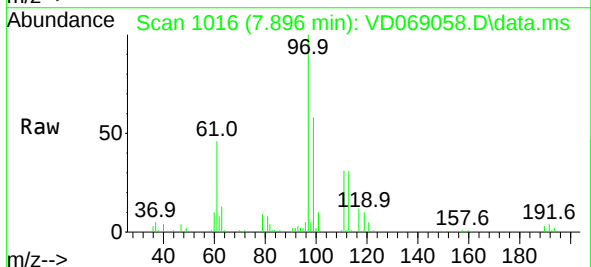
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

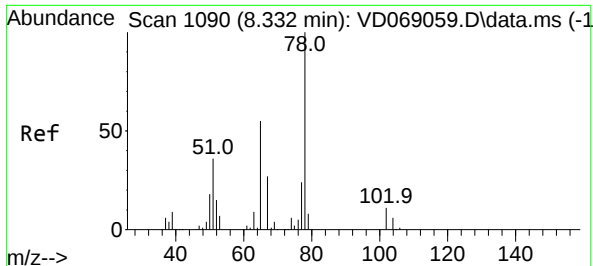
Tgt Ion: 56 Resp: 77279  
Ion Ratio Lower Upper  
56 100  
69 36.9 26.3 39.5  
84 94.2 75.9 113.9



#32  
1,1,1-Trichloroethane  
Concen: 20.04 ug/l  
RT: 7.896 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 97 Resp: 91079  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.1 76.7  
61 45.7 34.6 52.0

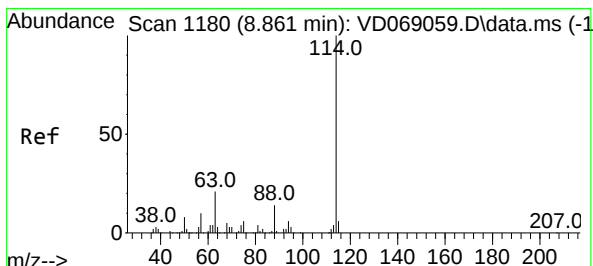
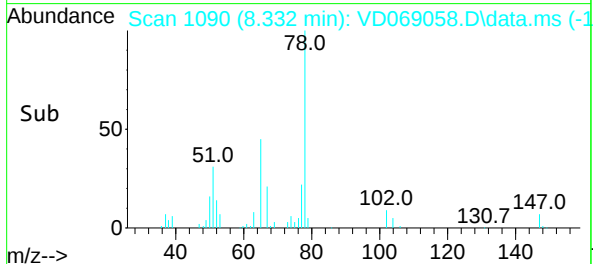
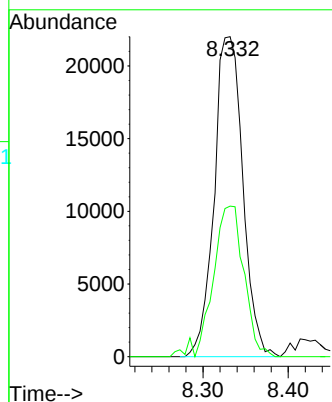
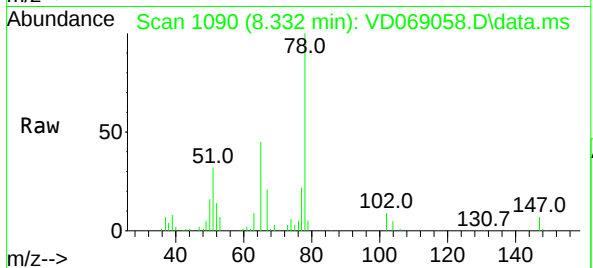




#33  
1,2-Dichloroethane-d4  
Concen: 19.10 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

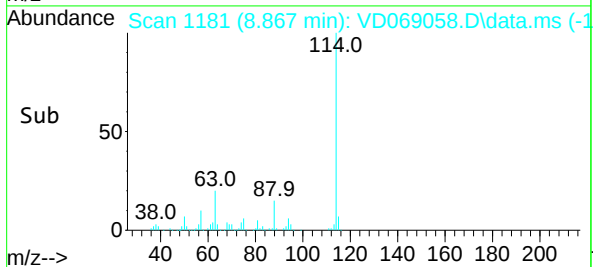
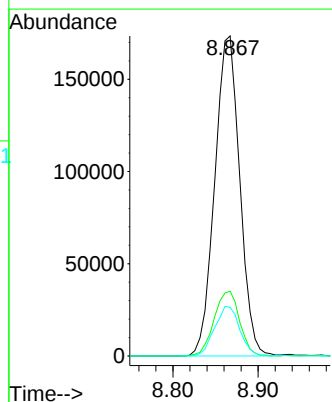
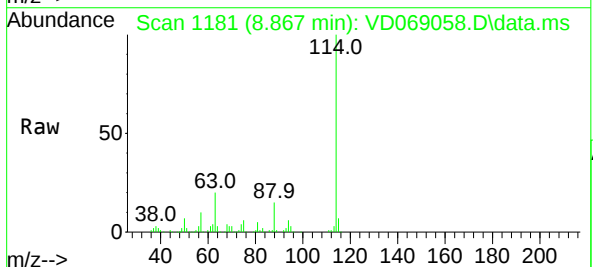
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

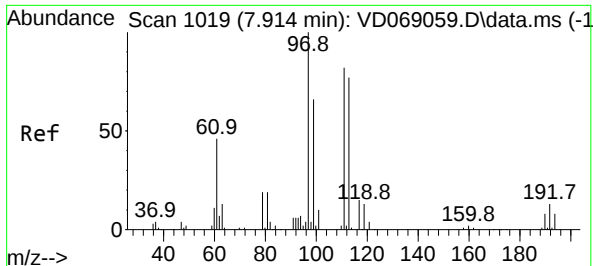
Tgt Ion: 65 Resp: 51451  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 114 Resp: 353879  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 41.4  
88 15.2 0.0 27.8





#35

Dibromofluoromethane

Concen: 19.31 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD069058.D

Acq: 04 May 2021 10:37

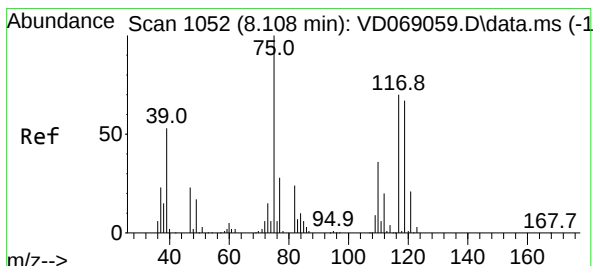
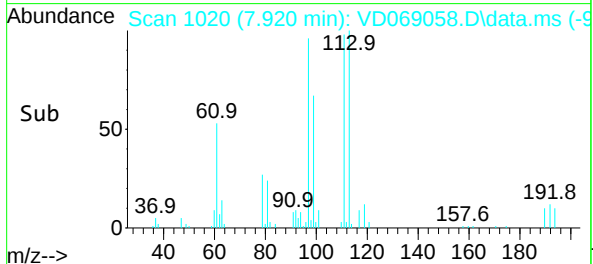
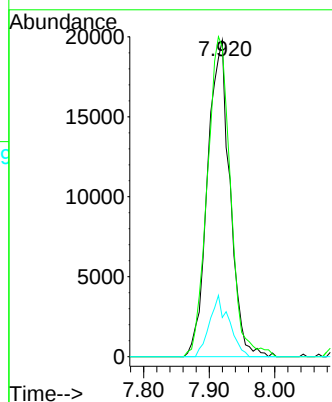
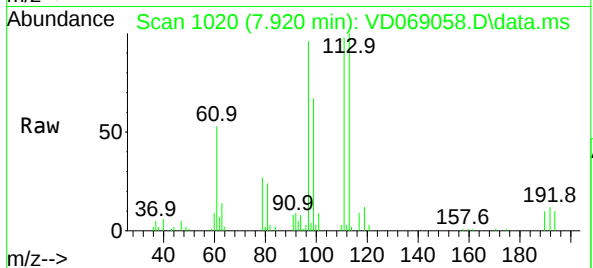
Tgt Ion:113 Resp: 46870

Ion Ratio Lower Upper

113 100

111 104.7 84.6 126.8

192 16.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 20.69 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VD069058.D

Acq: 04 May 2021 10:37

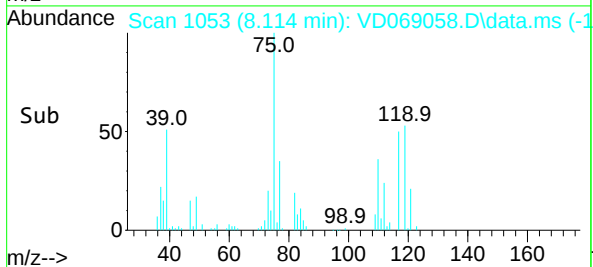
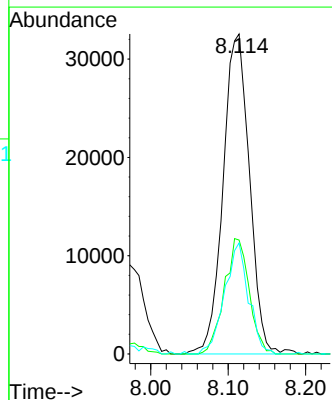
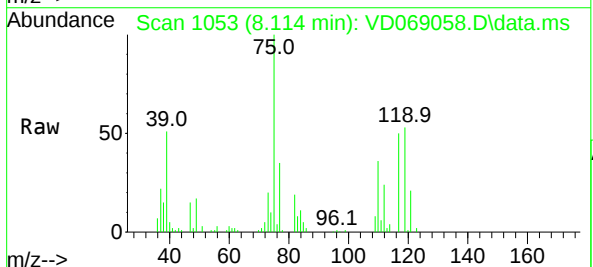
Tgt Ion: 75 Resp: 77022

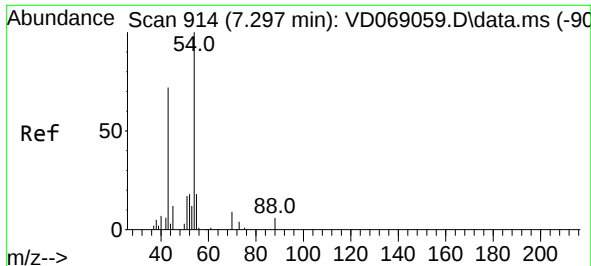
Ion Ratio Lower Upper

75 100

110 34.1 17.3 51.7

77 31.6 23.9 35.9





#37

Ethyl Acetate

Concen: 21.41 ug/l

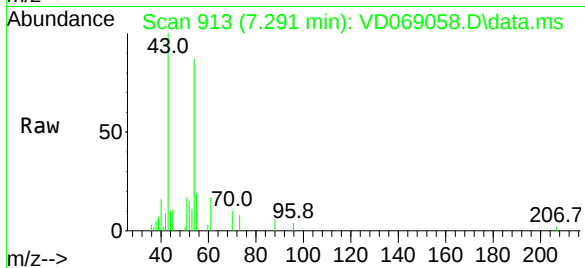
RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

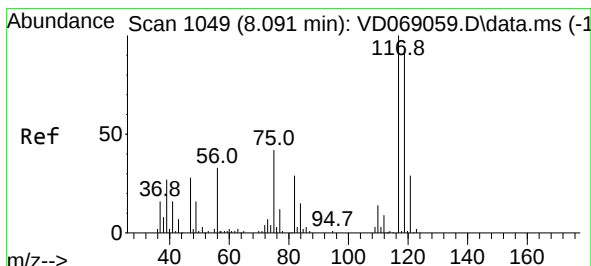
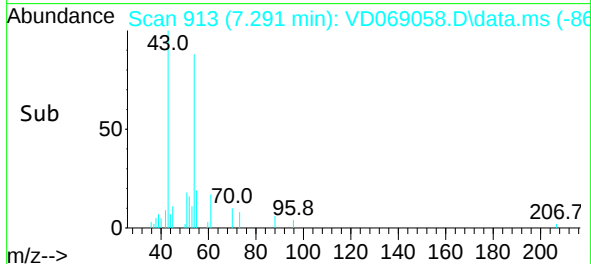
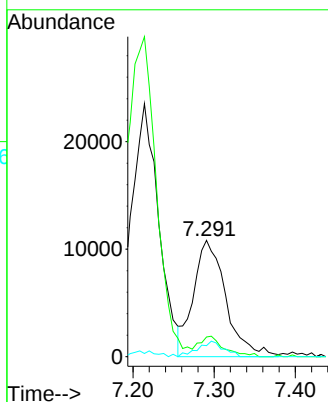
Lab File: VD069058.D

Acq: 04 May 2021 10:37

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020



|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 30052 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 13.4     | 11.0 16.4   |
| 70 10.6     | 8.5 12.7    |



#38

Carbon Tetrachloride

Concen: 21.16 ug/l

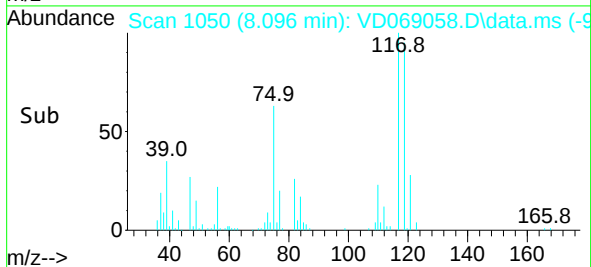
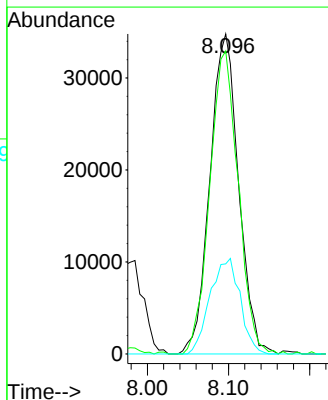
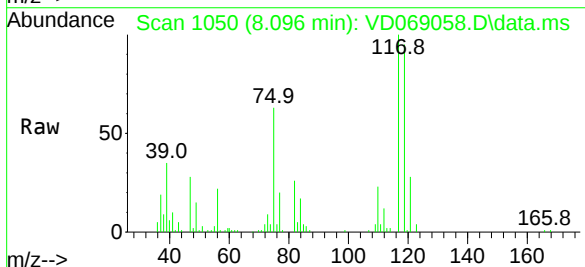
RT: 8.096 min Scan# 1050

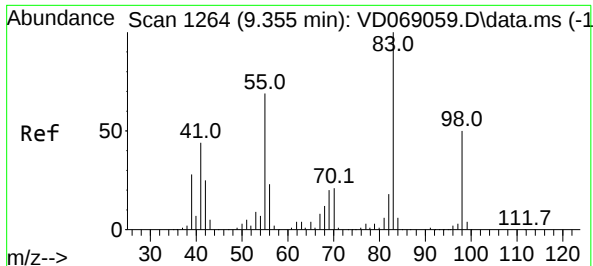
Delta R.T. 0.006 min

Lab File: VD069058.D

Acq: 04 May 2021 10:37

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:117 | Resp: | 85446 |       |
| Ion         | Ratio | Lower | Upper |
| 117         | 100   |       |       |
| 119         | 94.7  | 74.7  | 112.1 |
| 121         | 28.2  | 23.1  | 34.7  |





#39

Methylcyclohexane

Concen: 20.42 ug/l

RT: 9.355 min Scan# 1264

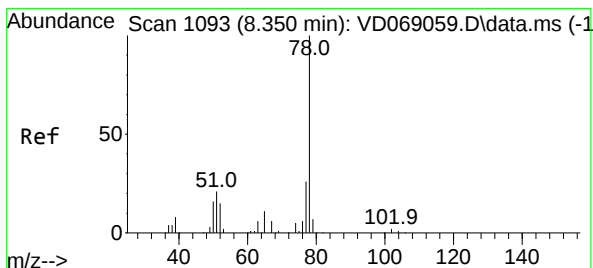
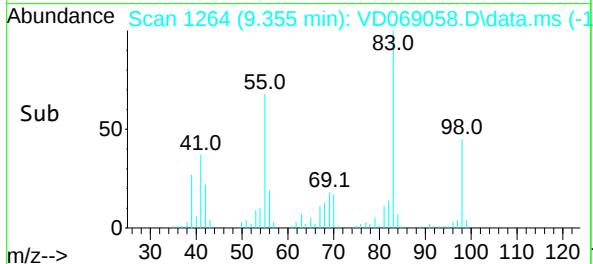
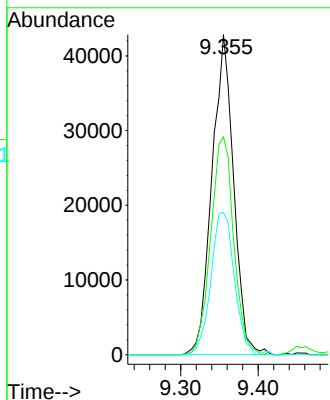
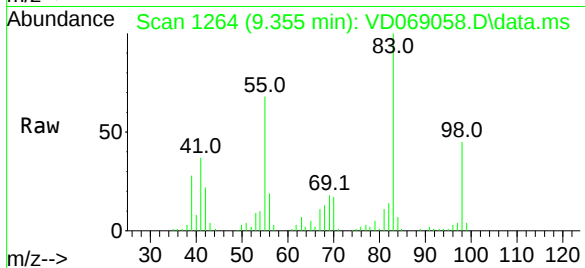
Delta R.T. -0.000 min

Lab File: VD069058.D

Acq: 04 May 2021 10:37

Tgt Ion: 83 Resp: 83122

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 68.0  | 55.6  | 83.4  |
| 98  | 44.5  | 39.8  | 59.8  |



#40

Benzene

Concen: 20.72 ug/l

RT: 8.349 min Scan# 1093

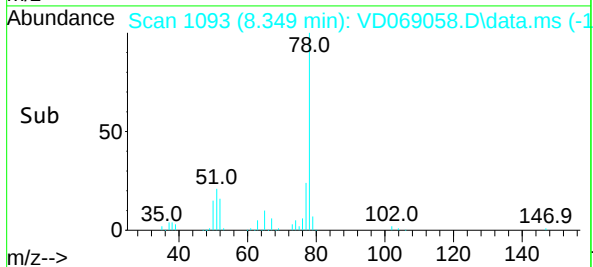
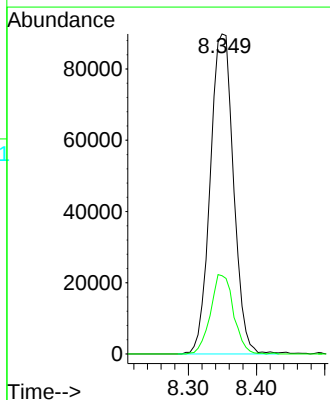
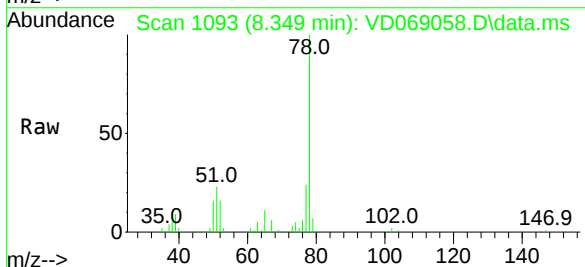
Delta R.T. -0.000 min

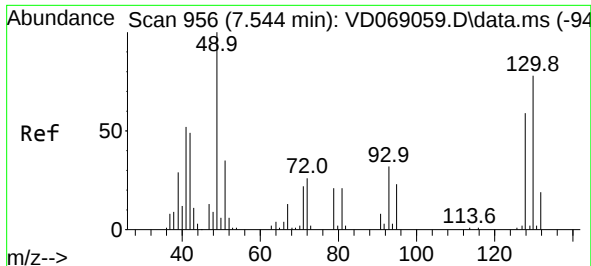
Lab File: VD069058.D

Acq: 04 May 2021 10:37

Tgt Ion: 78 Resp: 213481

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.5  | 20.5  | 30.7  |

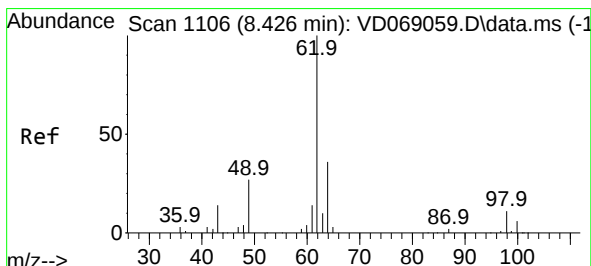
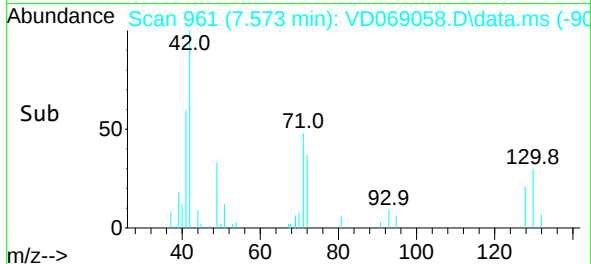
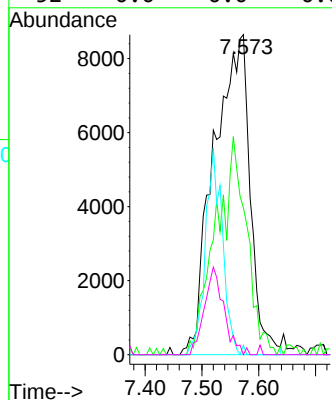
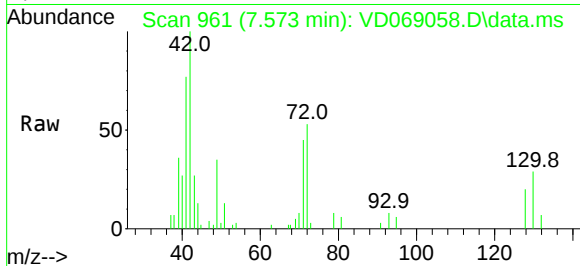




#41  
Methacrylonitrile  
Concen: 45.63 ug/l  
RT: 7.573 min Scan# 961  
Delta R.T. 0.029 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

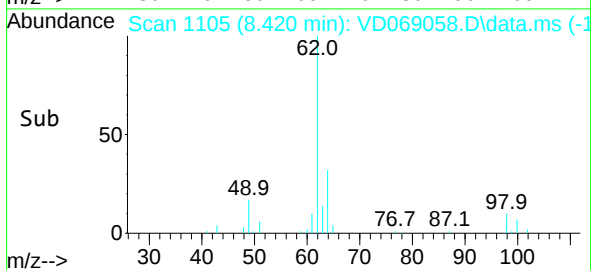
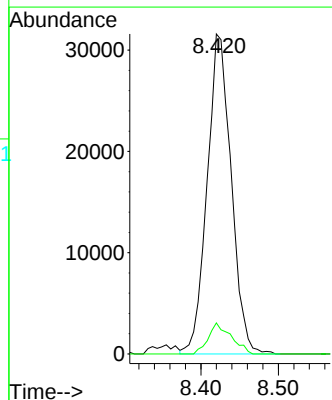
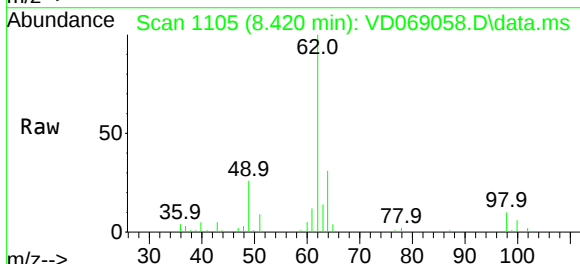
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

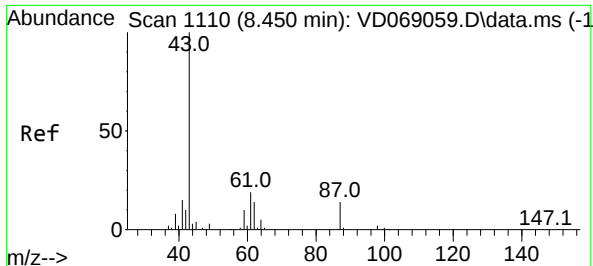
Tgt Ion: 41 Resp: 38000  
Ion Ratio Lower Upper  
41 100  
39 32.6 55.4 83.2#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 21.18 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 62 Resp: 68220  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 18.2



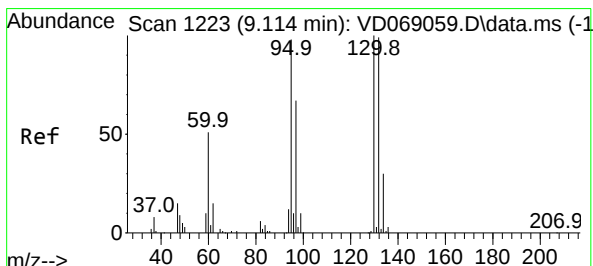
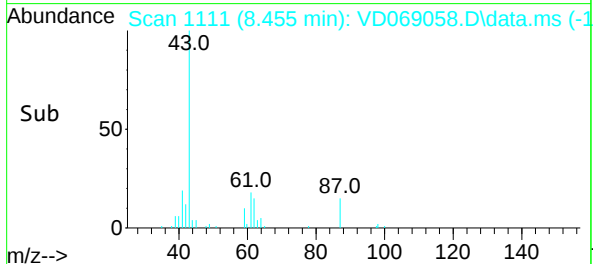
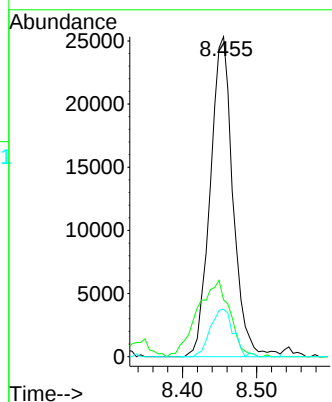
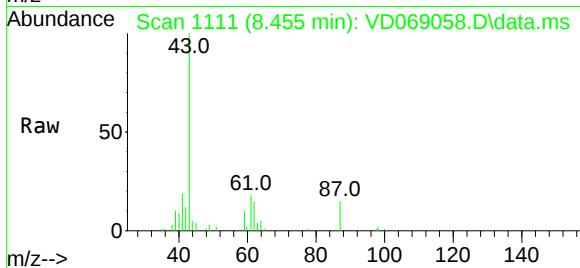


#43

Isopropyl Acetate  
 Concen: 20.48 ug/l  
 RT: 8.455 min Scan# 1111  
 Delta R.T. 0.006 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

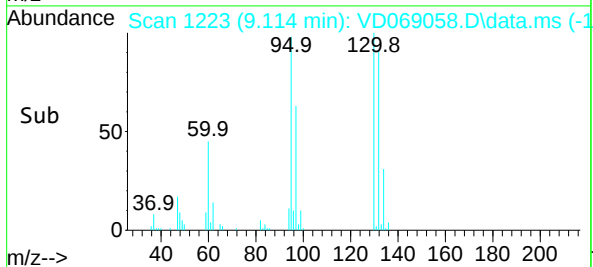
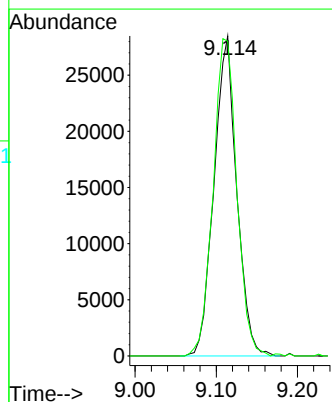
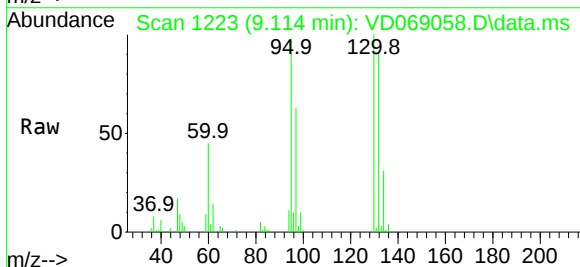
Tgt Ion: 43 Resp: 53897  
 Ion Ratio Lower Upper  
 43 100  
 61 34.1 26.1 39.1  
 87 15.1 11.7 17.5

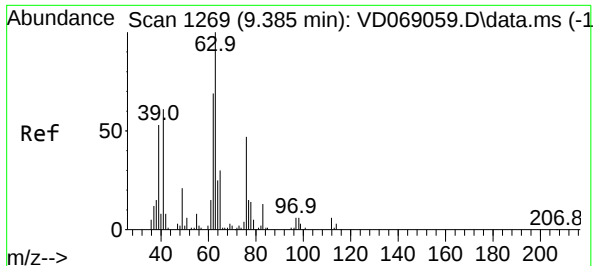


#44

Trichloroethene  
 Concen: 20.18 ug/l  
 RT: 9.114 min Scan# 1223  
 Delta R.T. -0.000 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

Tgt Ion: 130 Resp: 55266  
 Ion Ratio Lower Upper  
 130 100  
 95 98.3 0.0 196.2





#45

1,2-Dichloropropane

Concen: 20.48 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD069058.D

Acq: 04 May 2021 10:37

Instrument :

MSVOA\_D

ClientSampleId :

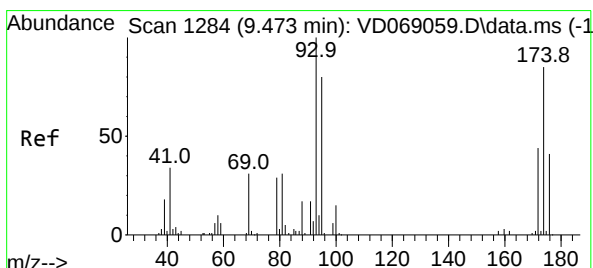
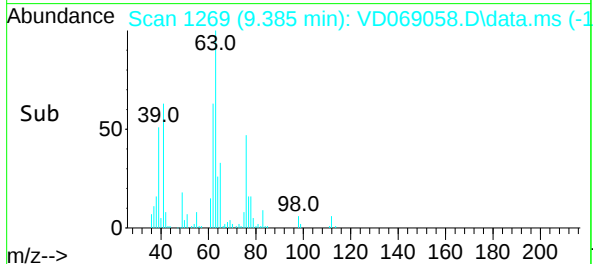
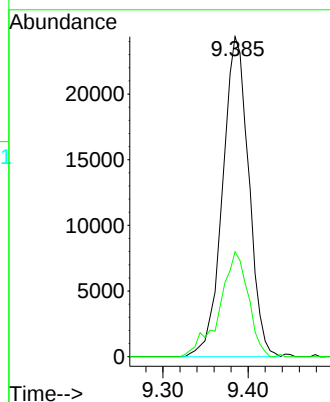
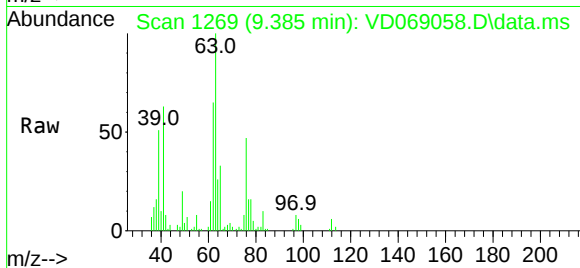
VSTDIC020

Tgt Ion: 63 Resp: 51946

Ion Ratio Lower Upper

63 100

65 32.8 24.2 36.2



#46

Dibromomethane

Concen: 20.51 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD069058.D

Acq: 04 May 2021 10:37

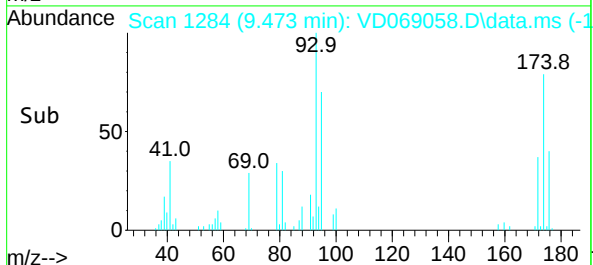
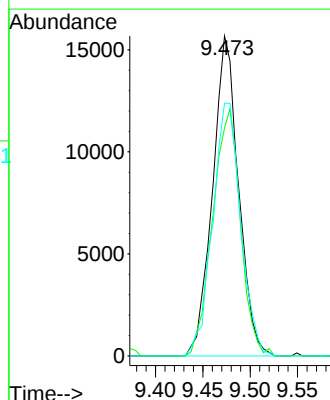
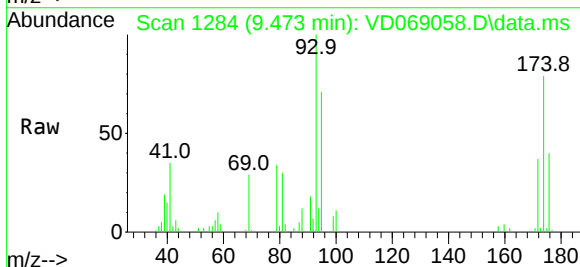
Tgt Ion: 93 Resp: 29903

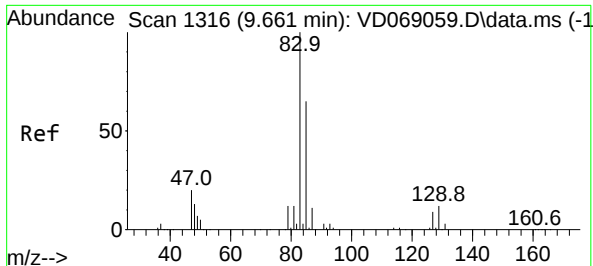
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.2

174 85.4 68.9 103.3

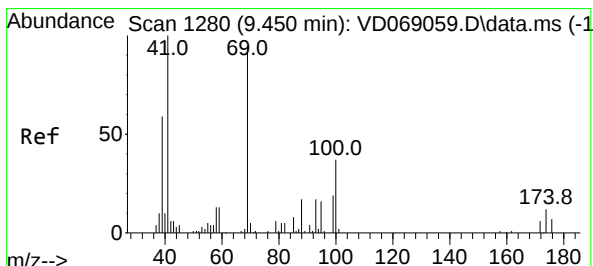
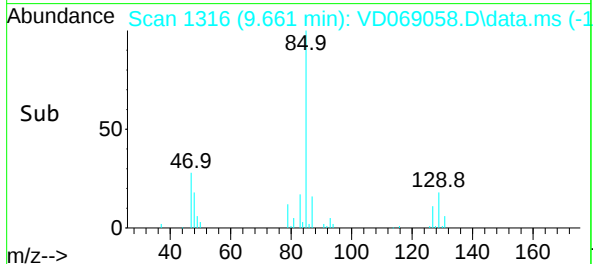
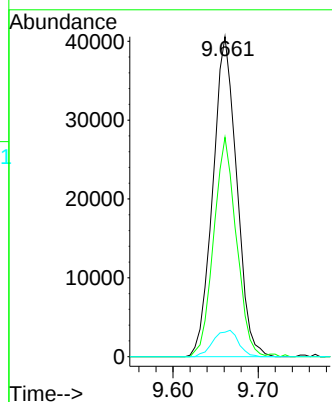
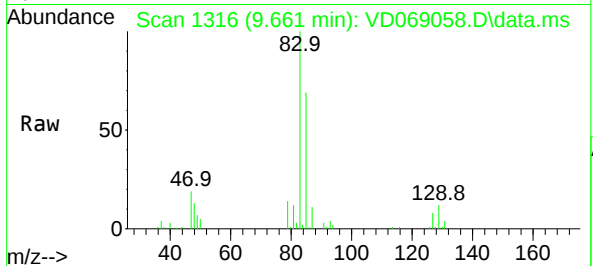




#47  
Bromodichloromethane  
Concen: 20.56 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

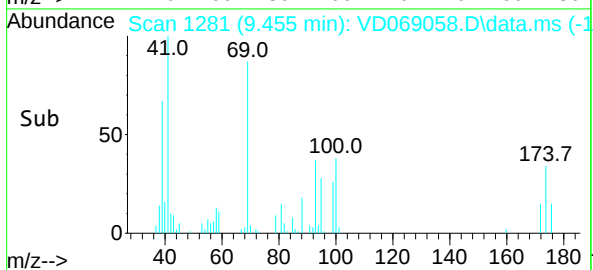
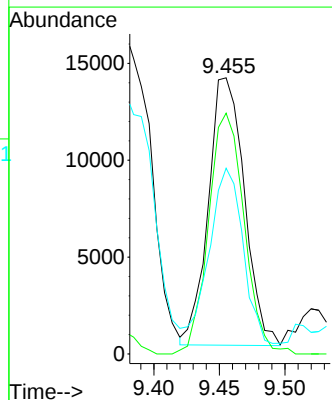
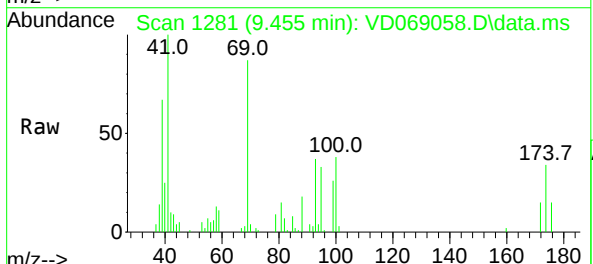
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

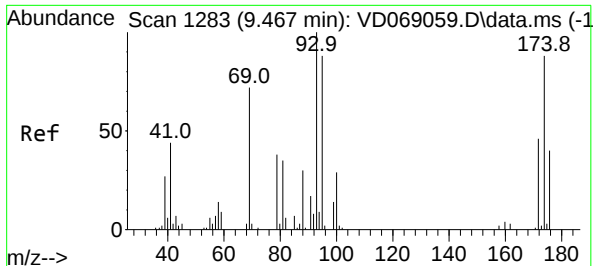
Tgt Ion: 83 Resp: 78822  
Ion Ratio Lower Upper  
83 100  
85 68.6 52.1 78.1  
127 7.7 7.0 10.4



#48  
Methyl methacrylate  
Concen: 20.33 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. 0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 41 Resp: 26379  
Ion Ratio Lower Upper  
41 100  
69 89.1 73.9 110.9  
39 61.0 51.0 76.4

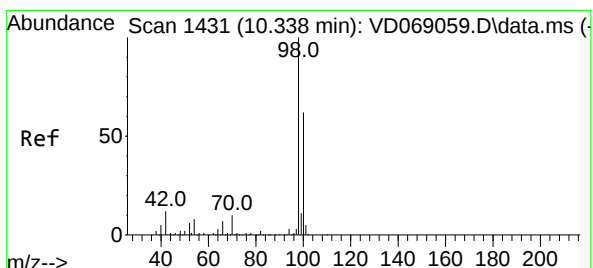
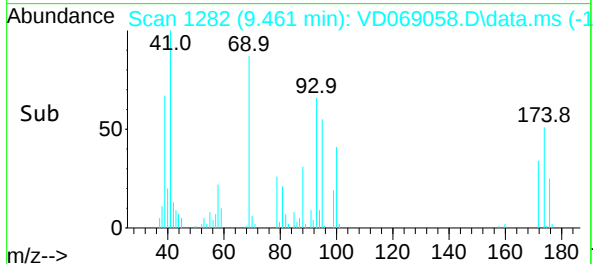
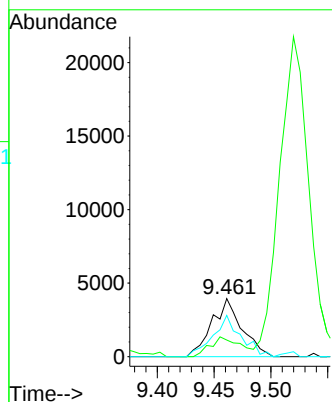
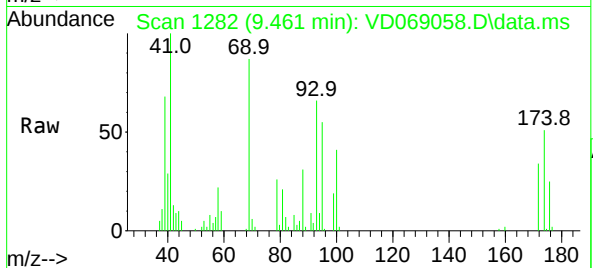




#49  
1,4-Dioxane  
Concen: 430.72 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

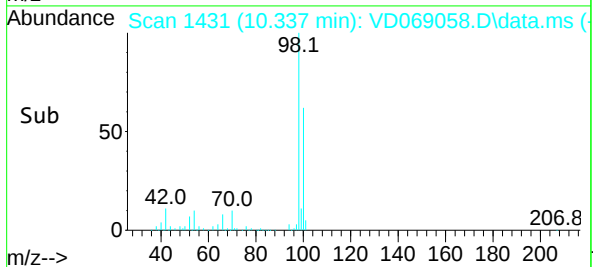
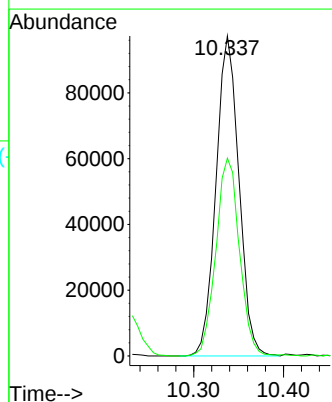
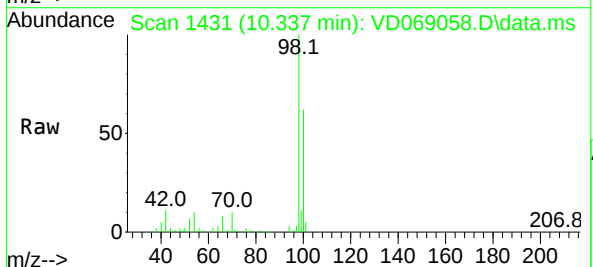
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

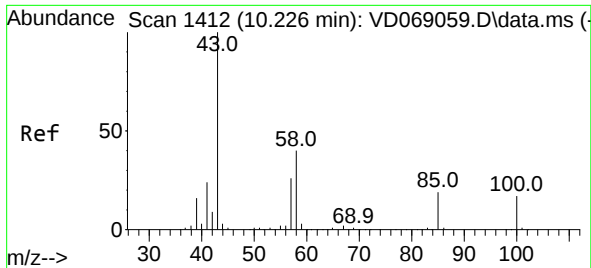
Tgt Ion: 88 Resp: 7261  
Ion Ratio Lower Upper  
88 100  
43 34.7 32.0 48.0  
58 66.1 52.4 78.6



#50  
Toluene-d8  
Concen: 19.23 ug/l  
RT: 10.337 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 98 Resp: 172267  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.6 77.4

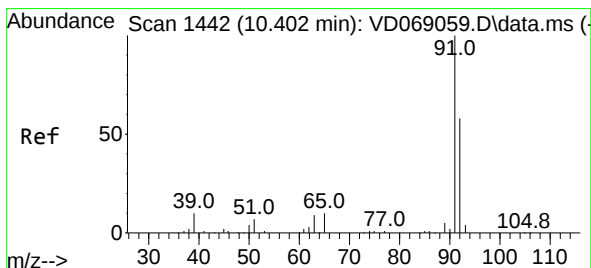
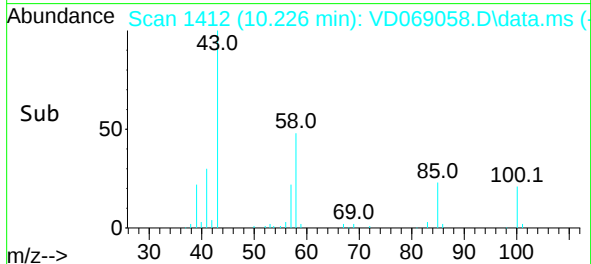
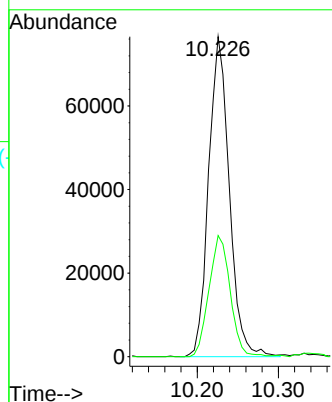
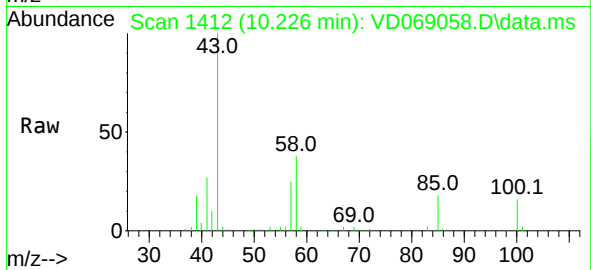




#51  
4-Methyl-2-Pentanone  
Concen: 100.59 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

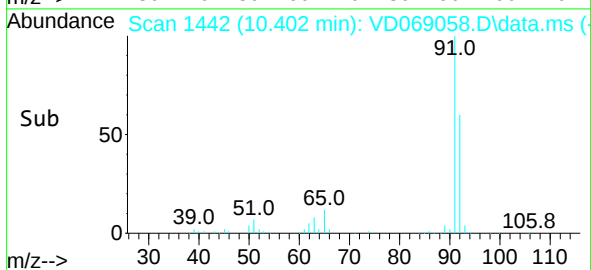
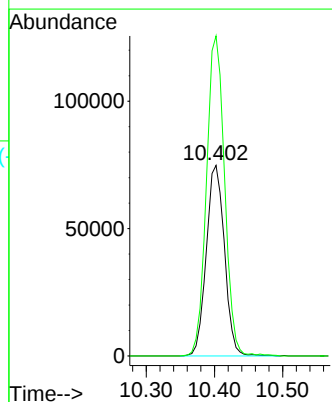
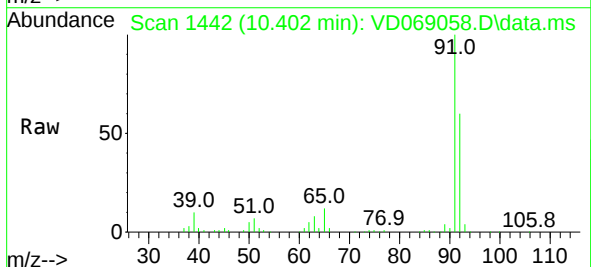
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

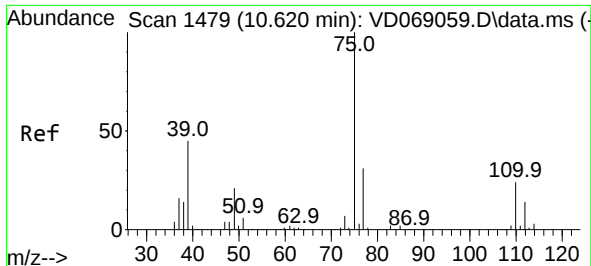
Tgt Ion: 43 Resp: 135526  
Ion Ratio Lower Upper  
43 100  
58 38.8 32.7 49.1



#52  
Toluene  
Concen: 21.24 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 92 Resp: 138878  
Ion Ratio Lower Upper  
92 100  
91 167.4 138.2 207.2

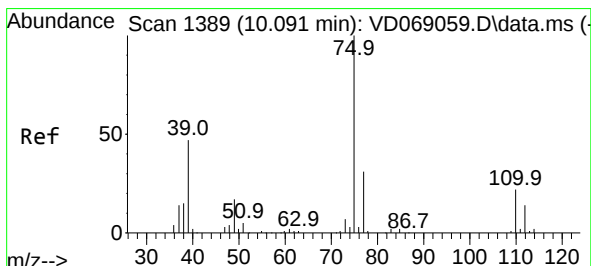
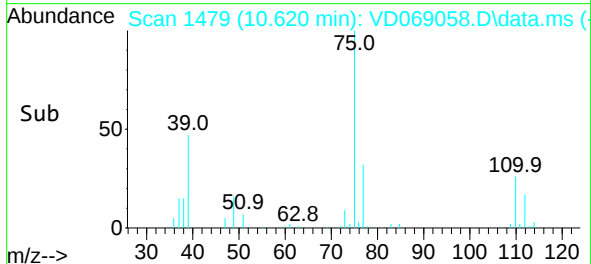
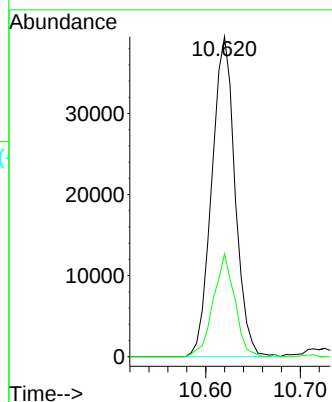
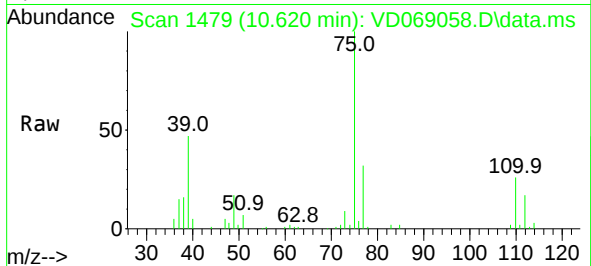




#53  
t-1,3-Dichloropropene  
Concen: 20.25 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

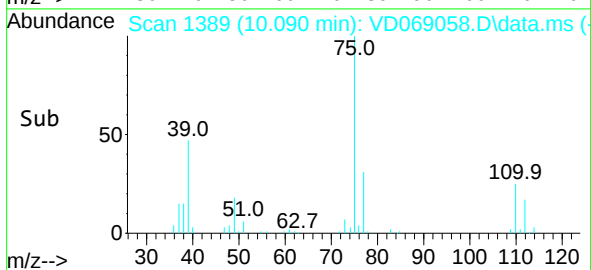
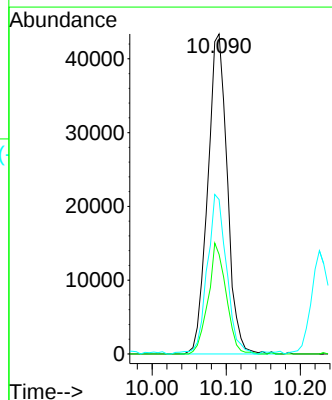
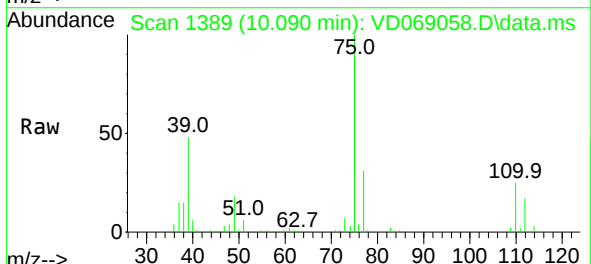
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

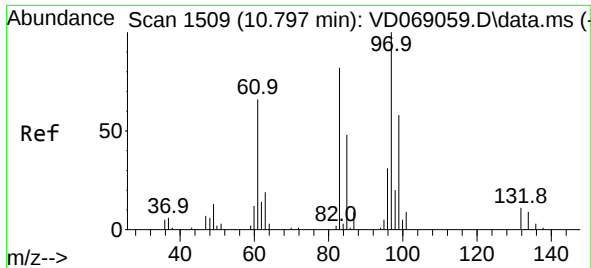
Tgt Ion: 75 Resp: 67451  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.6 37.0



#54  
cis-1,3-Dichloropropene  
Concen: 20.14 ug/l  
RT: 10.090 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 75 Resp: 79344  
Ion Ratio Lower Upper  
75 100  
77 31.1 24.9 37.3  
39 47.7 37.8 56.8

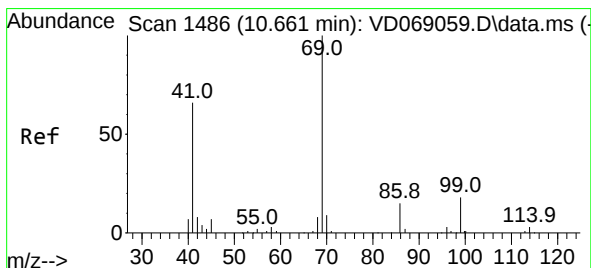
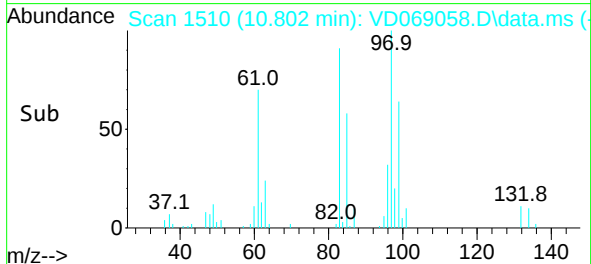
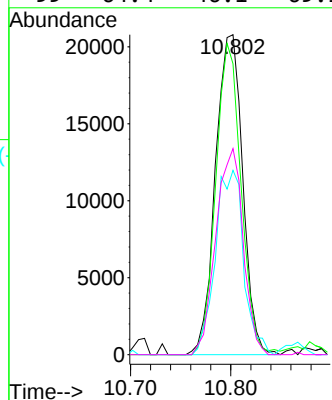
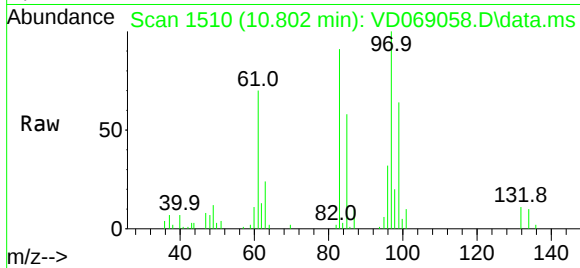




#55  
1,1,2-Trichloroethane  
Concen: 20.18 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

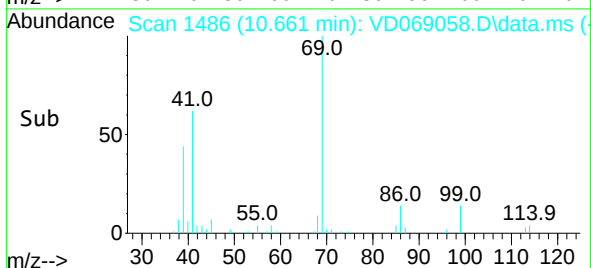
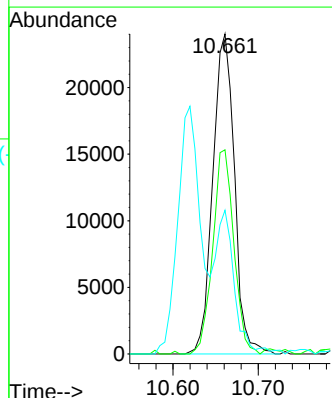
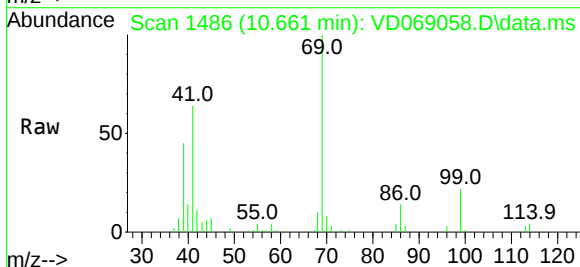
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

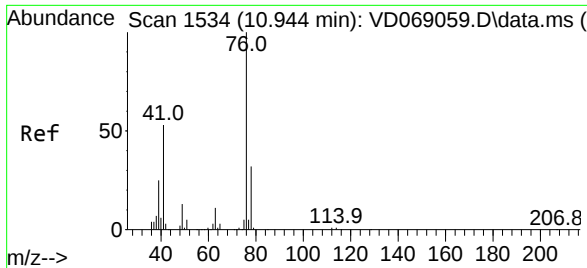
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 39064 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.9  | 65.8  | 98.8  |
| 85       | 57.6  | 38.6  | 57.8  |
| 99       | 64.4  | 46.1  | 69.1  |



#56  
Ethyl methacrylate  
Concen: 20.26 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 42296 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.3  | 49.2  | 73.8  |
| 39       | 39.0  | 29.8  | 44.6  |

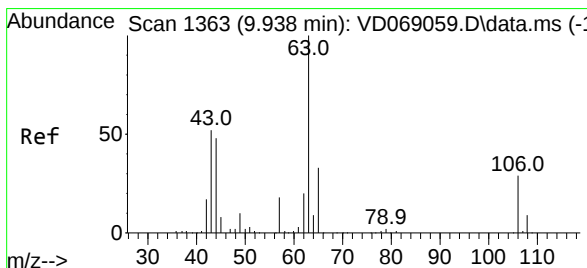
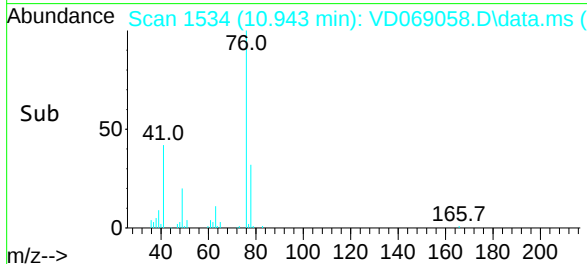
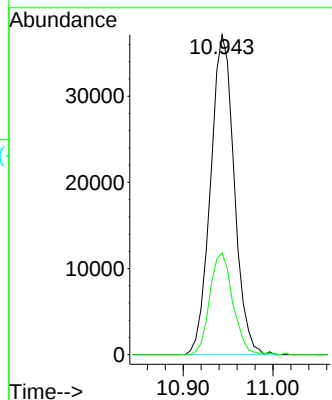
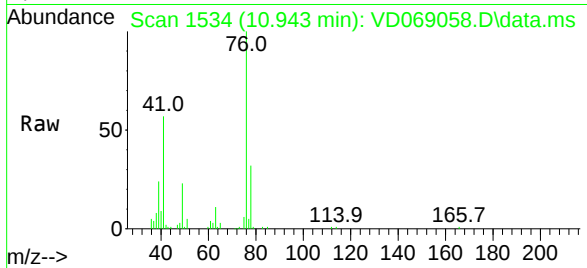




#57  
1,3-Dichloropropane  
Concen: 20.81 ug/l  
RT: 10.943 min Scan# 1534  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

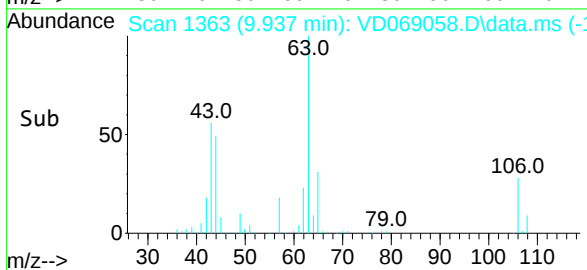
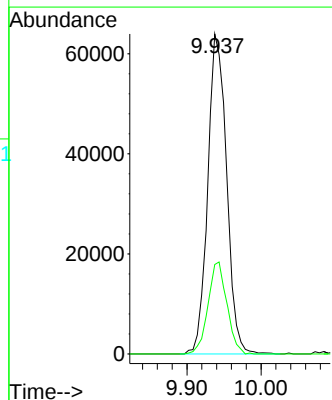
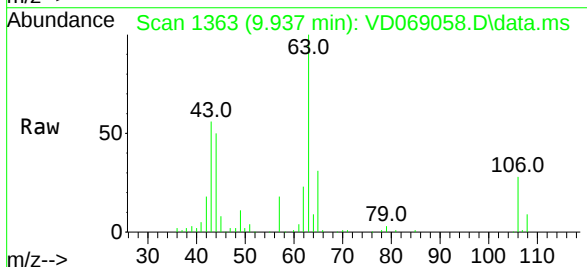
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

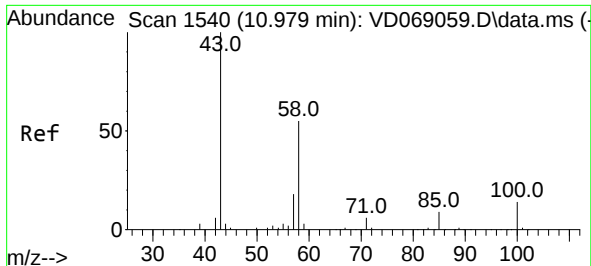
Tgt Ion: 76 Resp: 67912  
Ion Ratio Lower Upper  
76 100  
78 31.1 25.9 38.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 100.65 ug/l  
RT: 9.937 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 63 Resp: 112834  
Ion Ratio Lower Upper  
63 100  
106 28.8 23.5 35.3

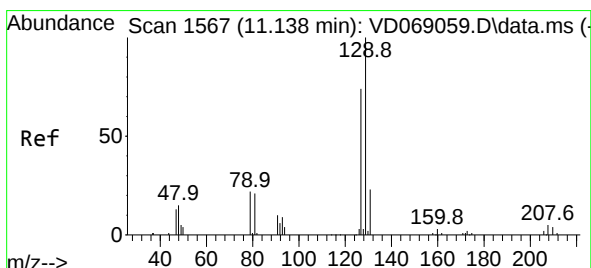
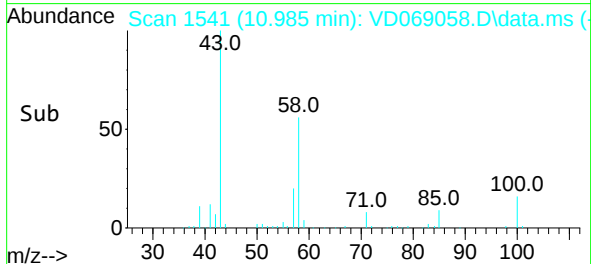
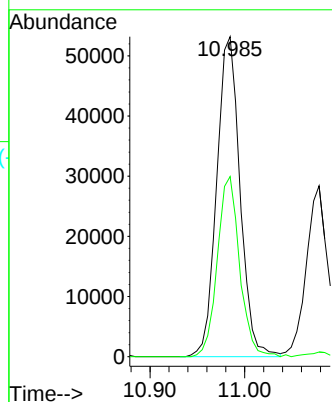
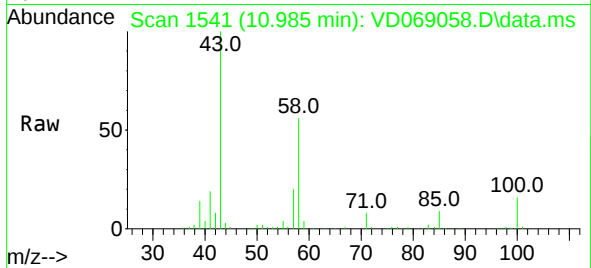




#59  
2-Hexanone  
Concen: 100.17 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

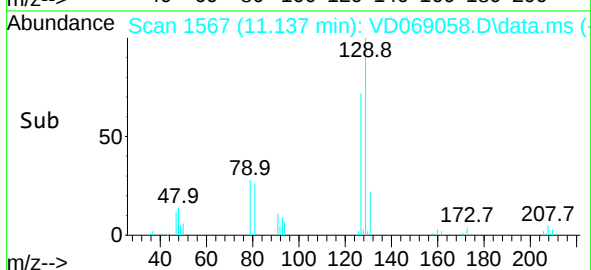
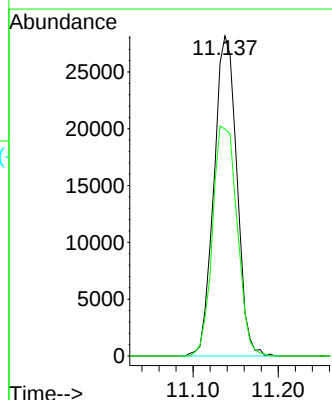
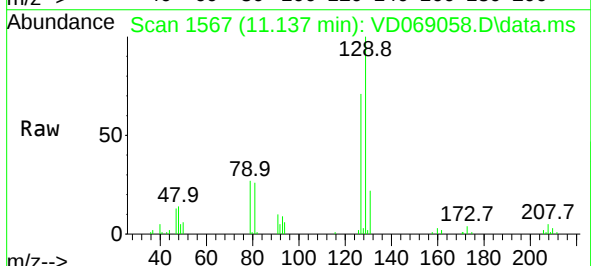
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

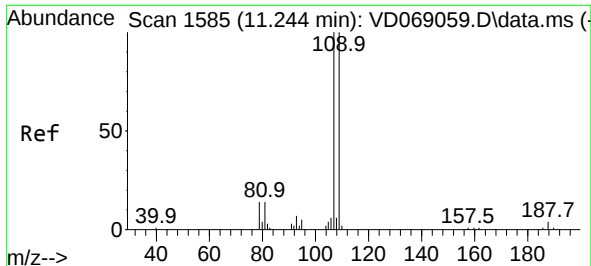
Tgt Ion: 43 Resp: 91089  
Ion Ratio Lower Upper  
43 100  
58 53.8 27.9 83.6



#60  
Dibromochloromethane  
Concen: 20.42 ug/l  
RT: 11.137 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion:129 Resp: 52609  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.0 114.1

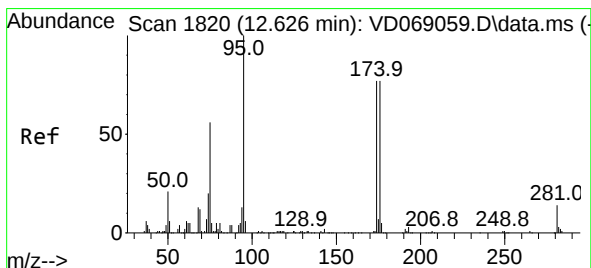
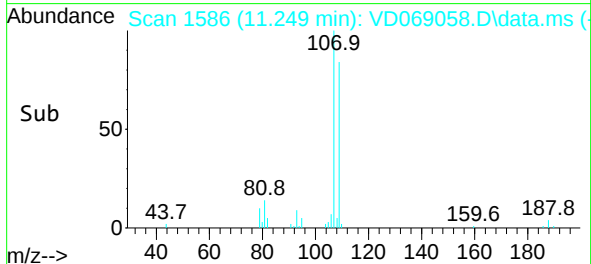
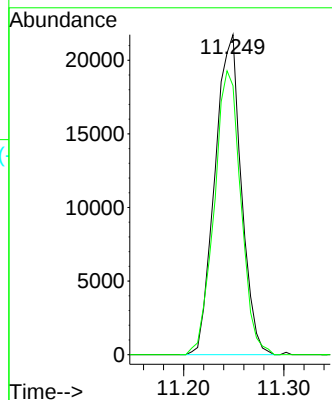
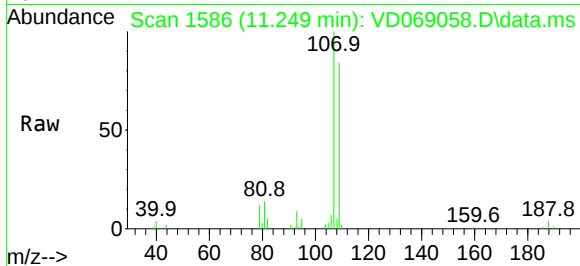




#61  
1,2-Dibromoethane  
Concen: 21.14 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. 0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

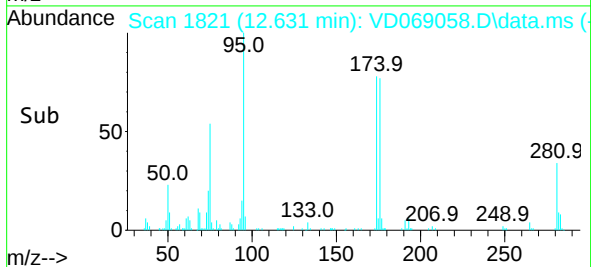
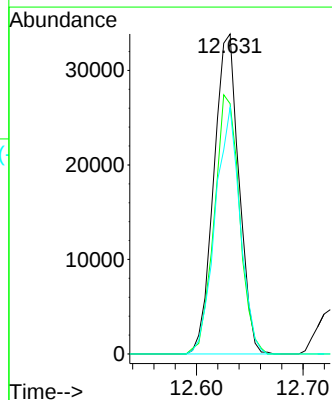
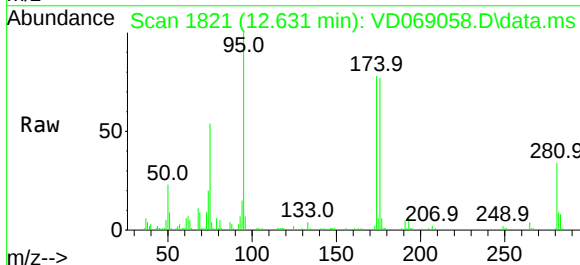
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

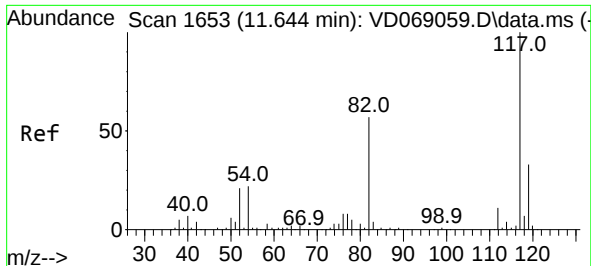
Tgt Ion:107 Resp: 39721  
Ion Ratio Lower Upper  
107 100  
109 89.5 77.6 116.4



#62  
4-Bromofluorobenzene  
Concen: 18.81 ug/l  
RT: 12.631 min Scan# 1821  
Delta R.T. 0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 95 Resp: 55434  
Ion Ratio Lower Upper  
95 100  
174 81.1 0.0 156.0  
176 76.1 0.0 149.4

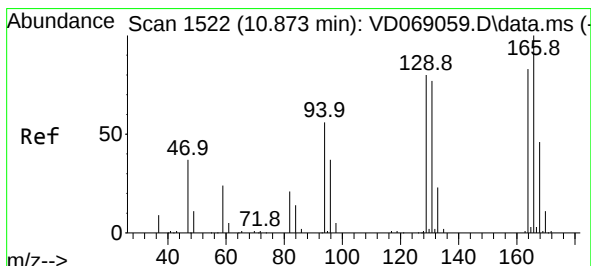
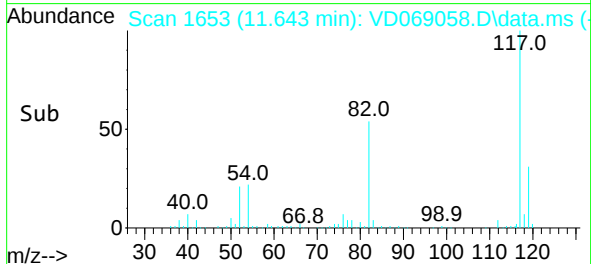
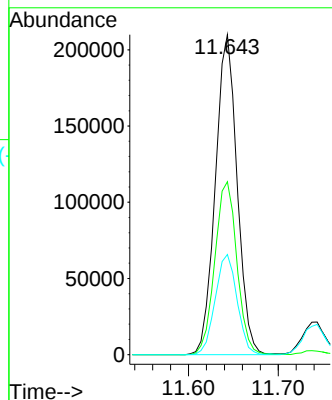
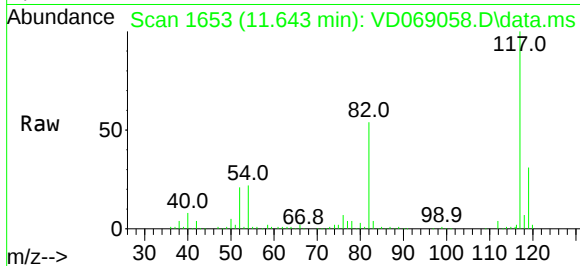




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.643 min Scan# 1653  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

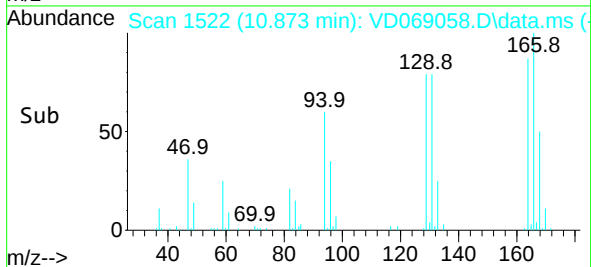
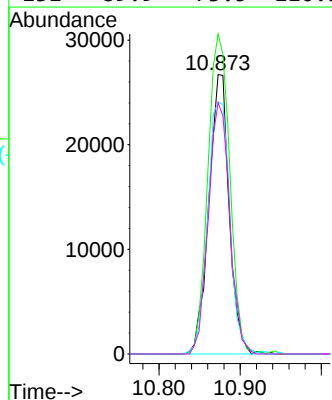
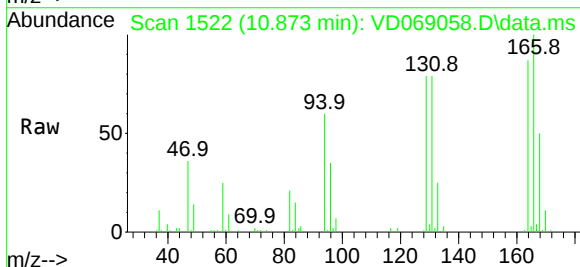
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

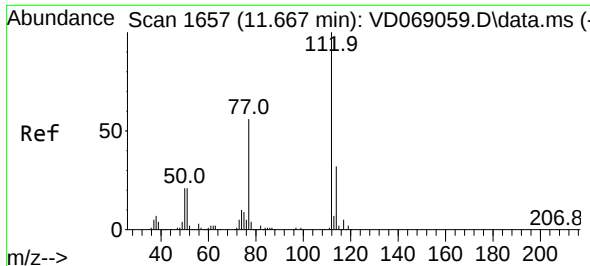
Tgt Ion:117 Resp: 353813  
Ion Ratio Lower Upper  
117 100  
82 54.1 45.4 68.2  
119 31.3 26.8 40.2



#64  
Tetrachloroethene  
Concen: 20.34 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion:164 Resp: 46375  
Ion Ratio Lower Upper  
164 100  
166 114.5 96.0 144.0  
129 90.2 76.8 115.2  
131 89.9 73.5 110.3

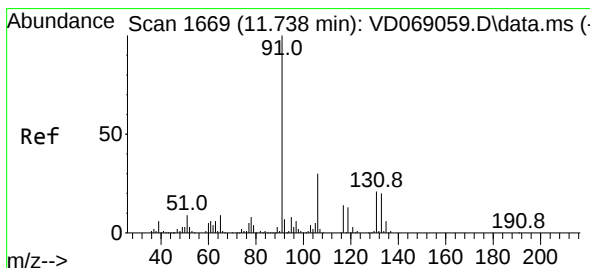
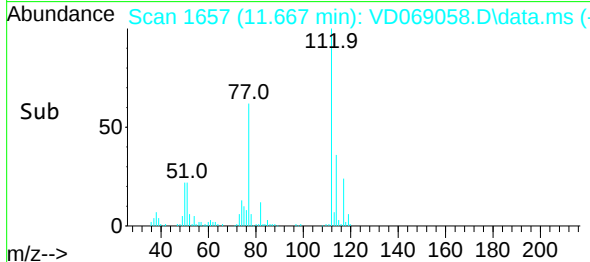
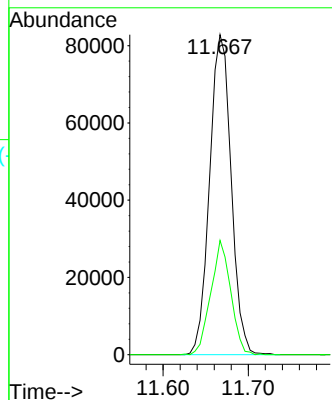
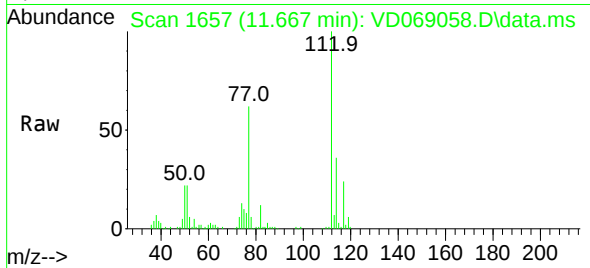




#65  
Chlorobenzene  
Concen: 20.21 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

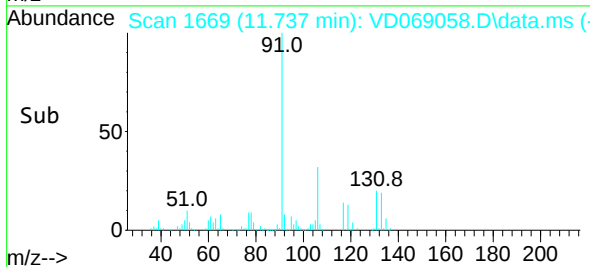
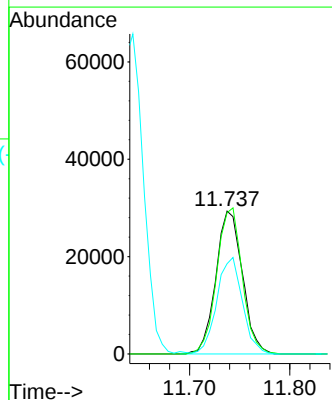
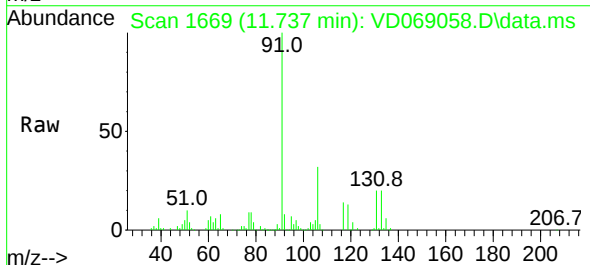
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

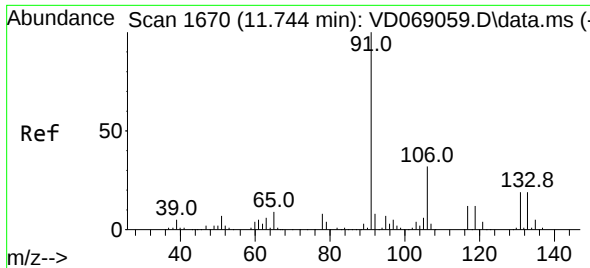
Tgt Ion:112 Resp: 145949  
Ion Ratio Lower Upper  
112 100  
114 35.7 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.79 ug/l  
RT: 11.737 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion:131 Resp: 54088  
Ion Ratio Lower Upper  
131 100  
133 98.0 48.7 146.1  
119 64.9 32.0 96.2

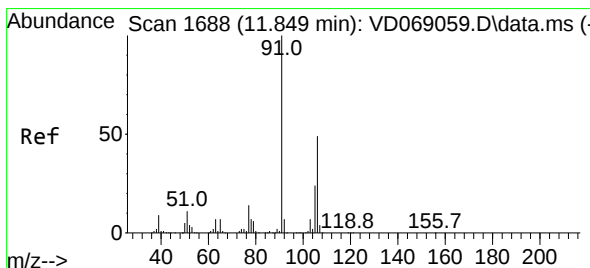
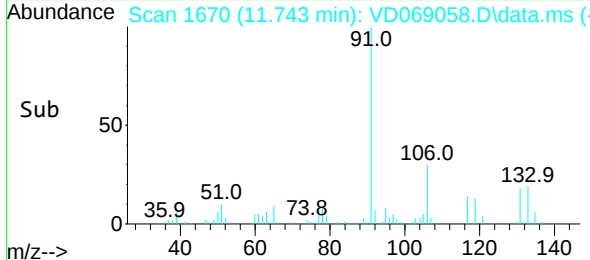
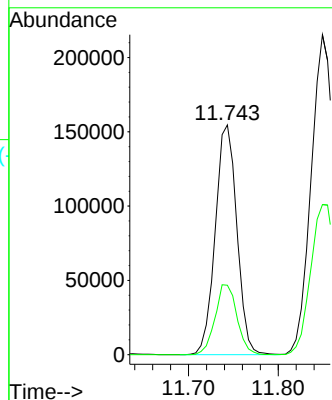
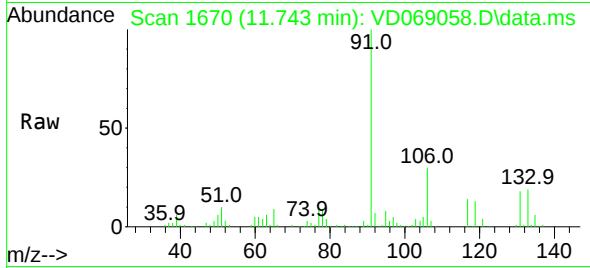




#67  
Ethyl Benzene  
Concen: 20.20 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

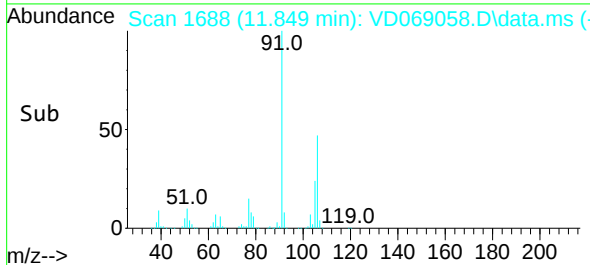
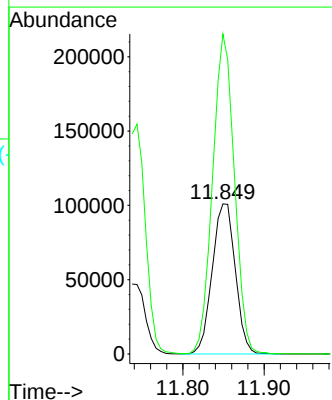
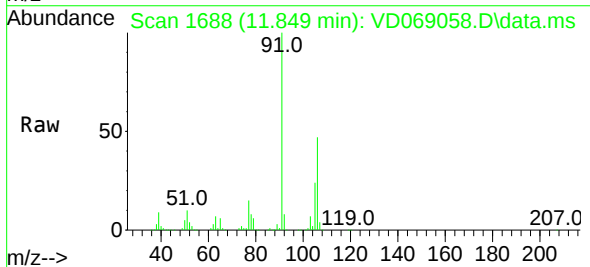
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

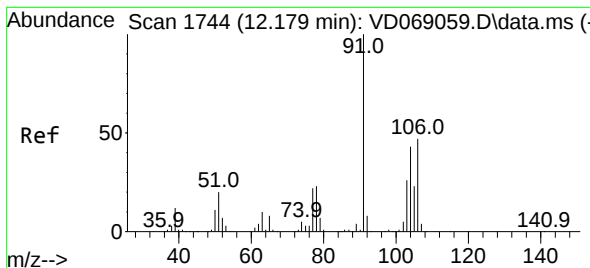
Tgt Ion: 91 Resp: 258612  
Ion Ratio Lower Upper  
91 100  
106 30.2 25.5 38.3



#68  
m/p-Xylenes  
Concen: 41.48 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion:106 Resp: 199668  
Ion Ratio Lower Upper  
106 100  
91 201.1 164.6 246.8

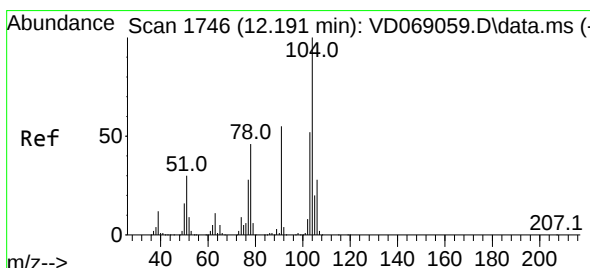
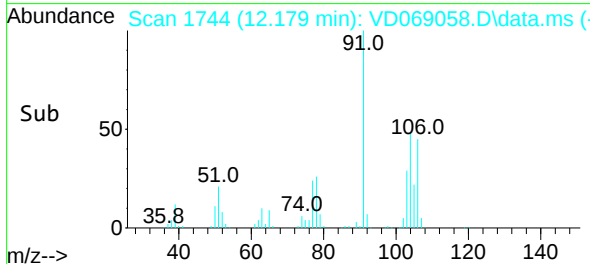
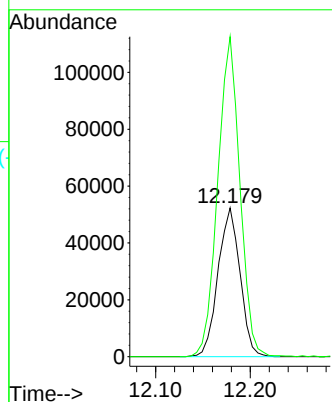
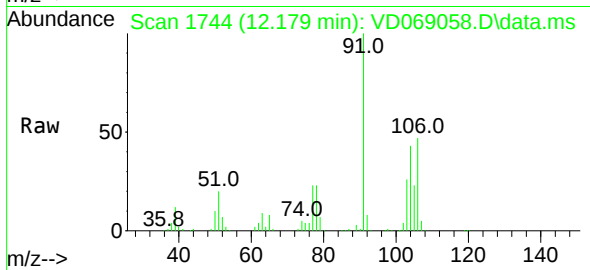




#69  
o-Xylene  
Concen: 19.58 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

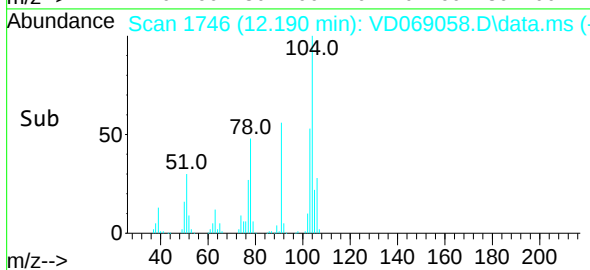
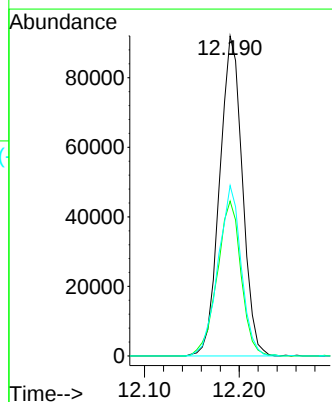
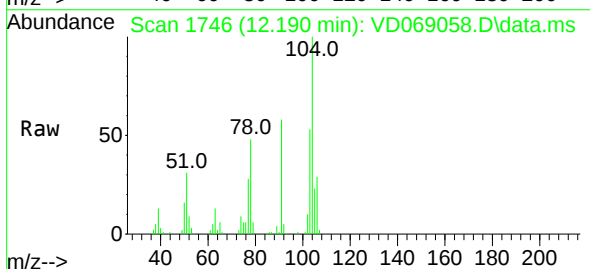
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

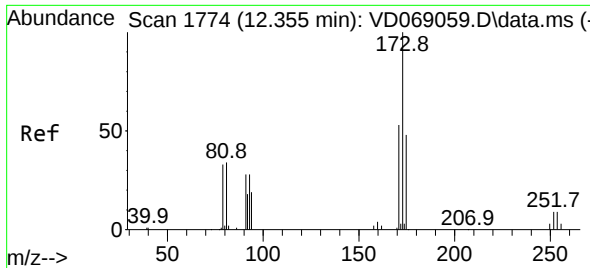
Tgt Ion:106 Resp: 84510  
Ion Ratio Lower Upper  
106 100  
91 216.5 107.1 321.4



#70  
Styrene  
Concen: 20.12 ug/l  
RT: 12.190 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion:104 Resp: 153358  
Ion Ratio Lower Upper  
104 100  
78 50.8 39.9 59.9  
103 54.2 44.5 66.7

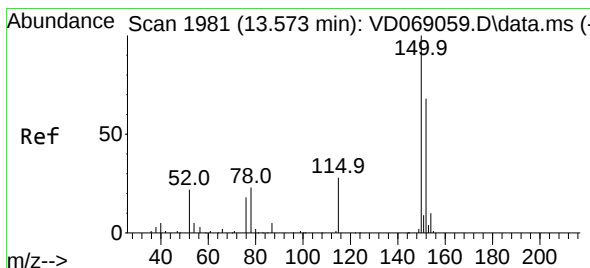
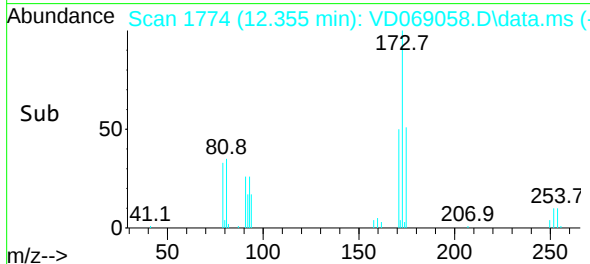
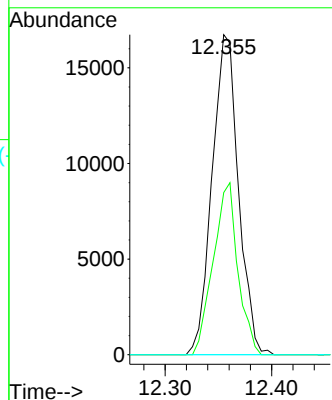
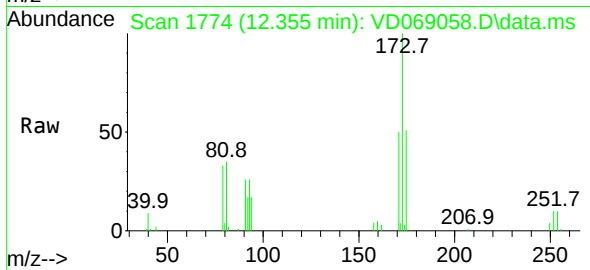




#71  
Bromoform  
Concen: 20.52 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

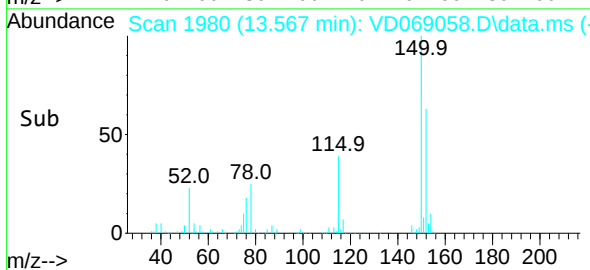
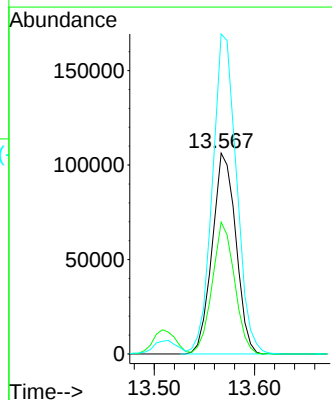
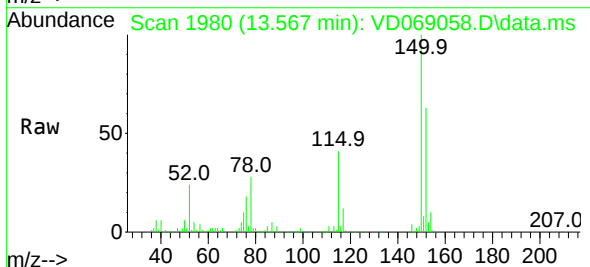
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

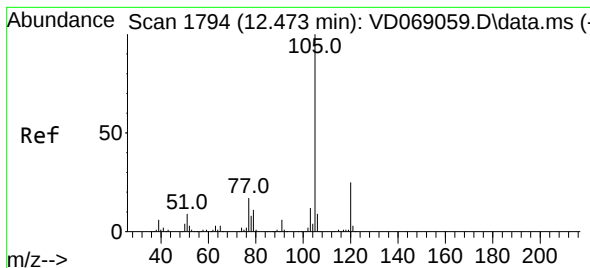
Tgt Ion:173 Resp: 28737  
Ion Ratio Lower Upper  
173 100  
175 50.2 23.8 71.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion:152 Resp: 173906  
Ion Ratio Lower Upper  
152 100  
115 61.9 30.5 91.5  
150 162.8 0.0 340.8





#73

Isopropylbenzene

Concen: 19.78 ug/l

RT: 12.479 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VD069058.D

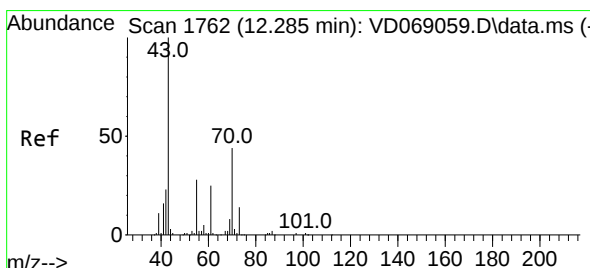
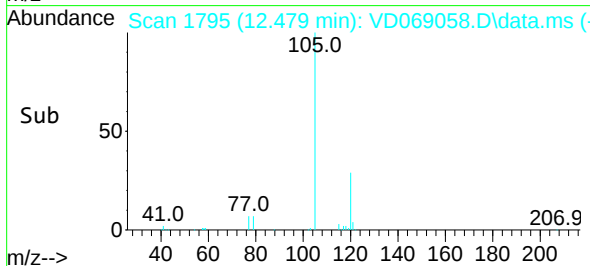
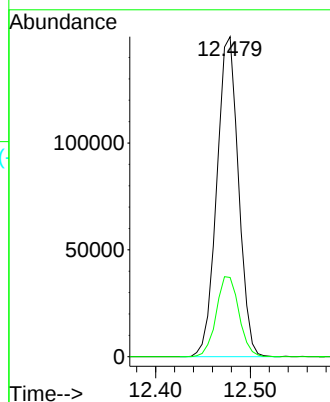
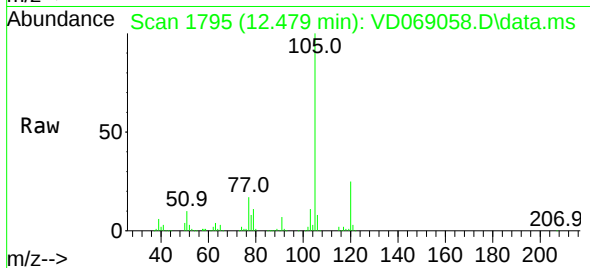
Acq: 04 May 2021 10:37

Tgt Ion:105 Resp: 238029

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 19.52 ug/l

RT: 12.284 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VD069058.D

Acq: 04 May 2021 10:37

Tgt Ion: 43 Resp: 49346

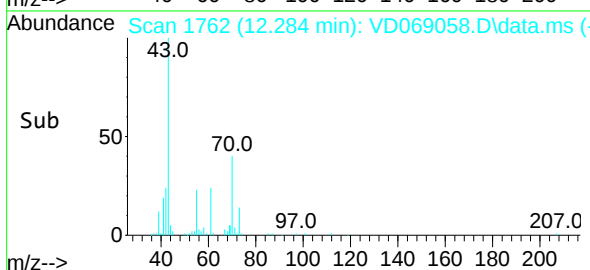
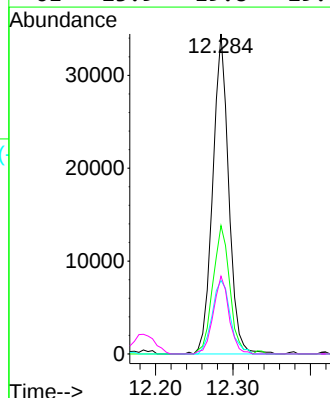
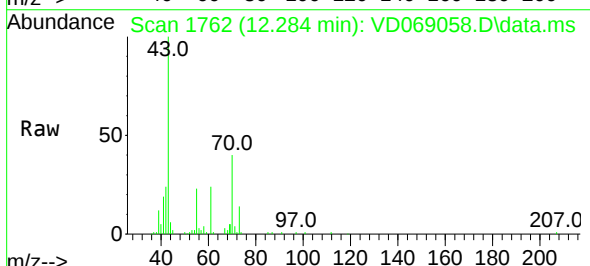
Ion Ratio Lower Upper

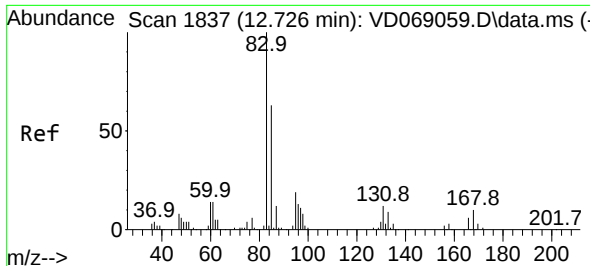
43 100

70 42.3 36.4 54.6

55 26.0 21.8 32.8

61 23.9 19.8 29.6

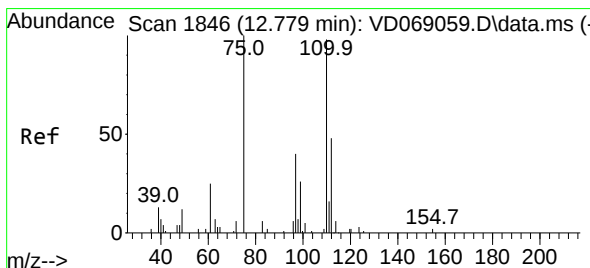
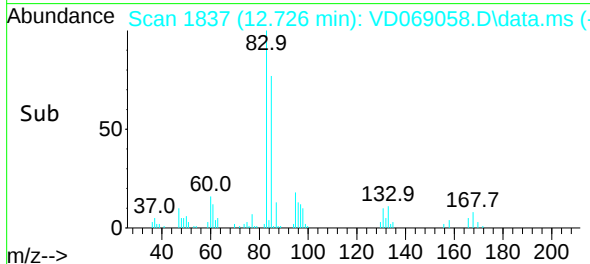
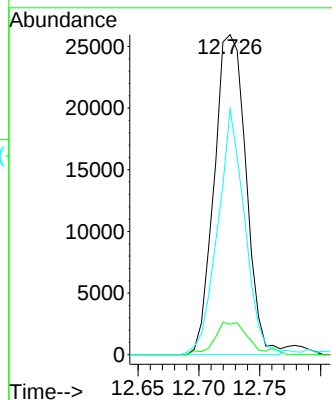
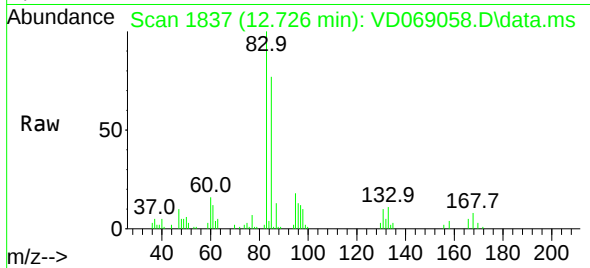




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.97 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

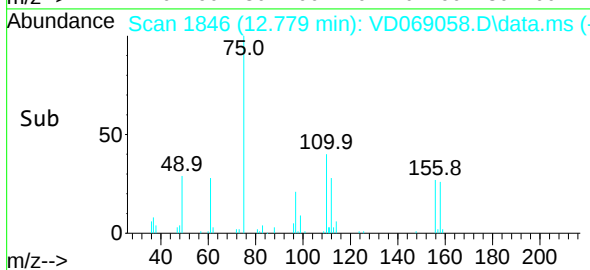
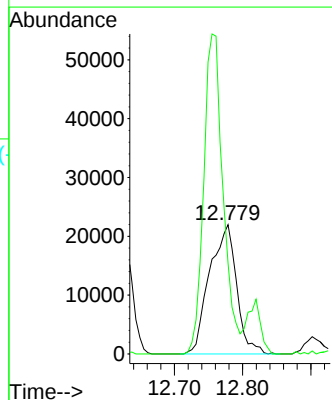
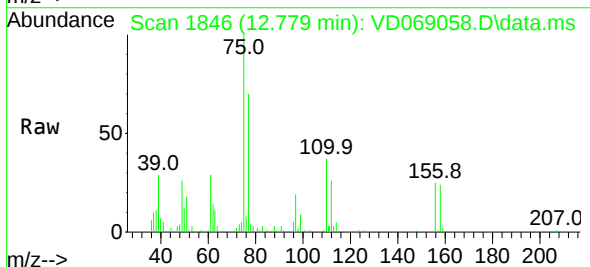
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

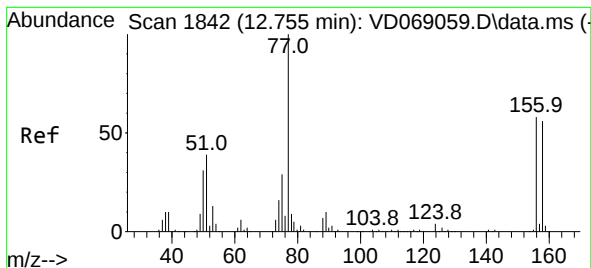
Tgt Ion: 83 Resp: 47117  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.2 15.6  
85 65.9 30.9 92.8



#76  
1,2,3-Trichloropropane  
Concen: 41.58 ug/l  
RT: 12.779 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 75 Resp: 60699  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.19 ug/l

RT: 12.761 min Scan# 1843

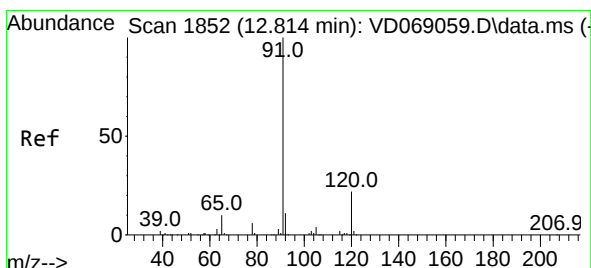
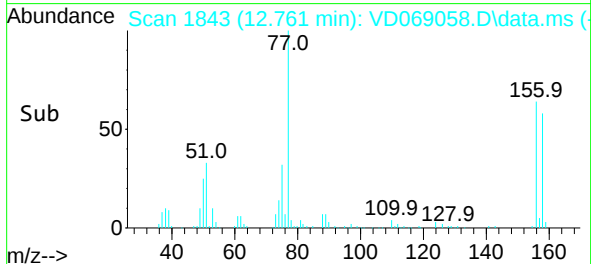
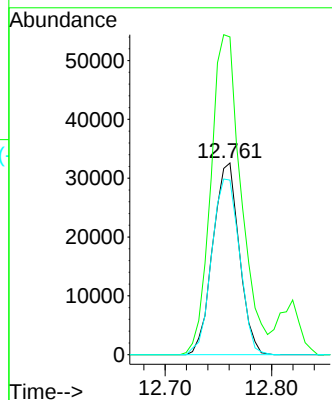
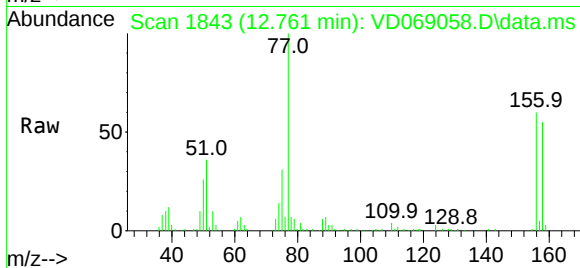
Delta R.T. 0.006 min

Lab File: VD069058.D

Acq: 04 May 2021 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 56250 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 191.2 | 96.5  | 289.4 |
| 158      | 96.2  | 48.7  | 146.1 |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020



#78

n-propylbenzene

Concen: 20.38 ug/l

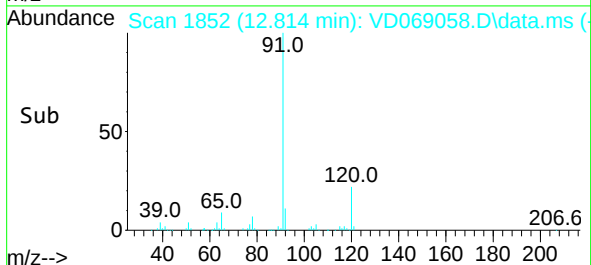
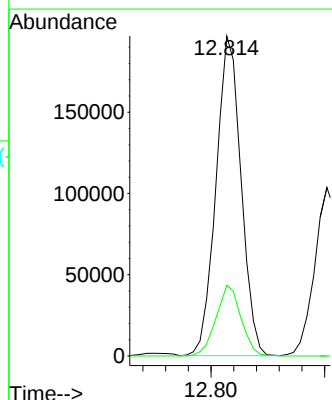
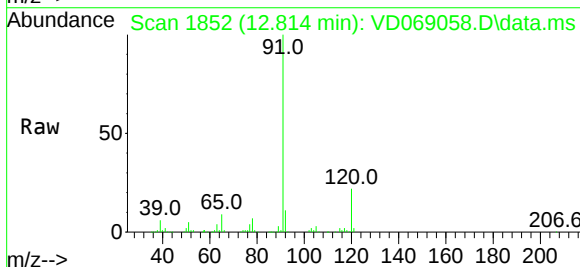
RT: 12.814 min Scan# 1852

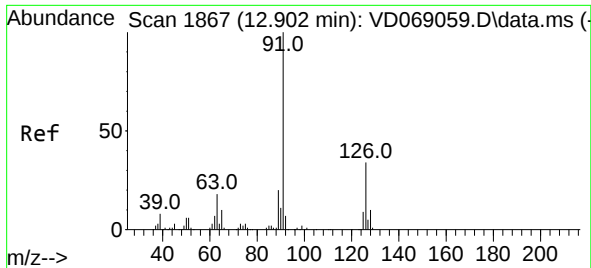
Delta R.T. -0.000 min

Lab File: VD069058.D

Acq: 04 May 2021 10:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 301380 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 22.0  | 11.3  | 33.8   |

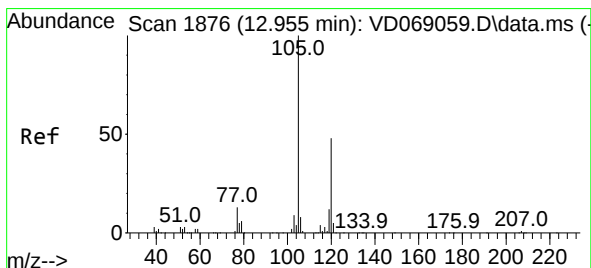
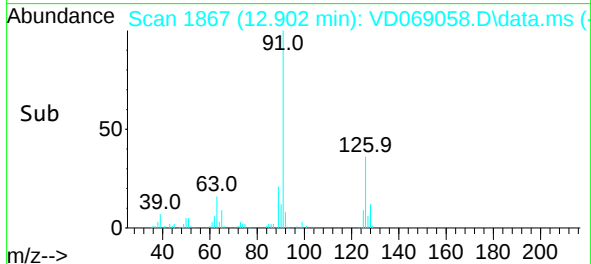
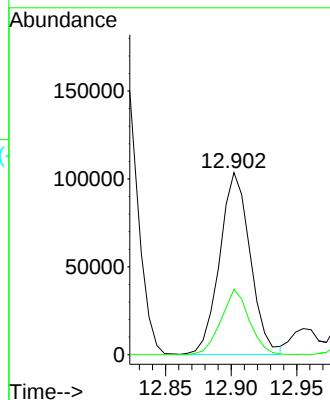
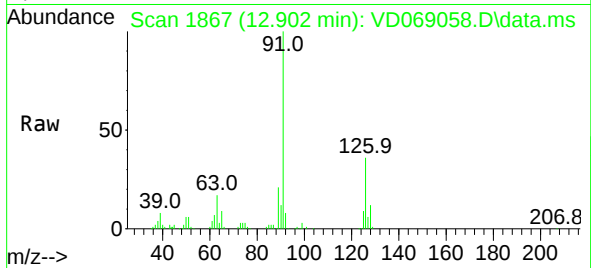




#79  
2-Chlorotoluene  
Concen: 20.35 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

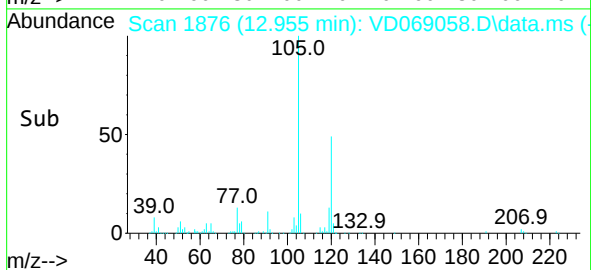
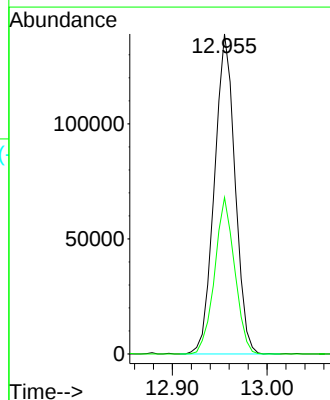
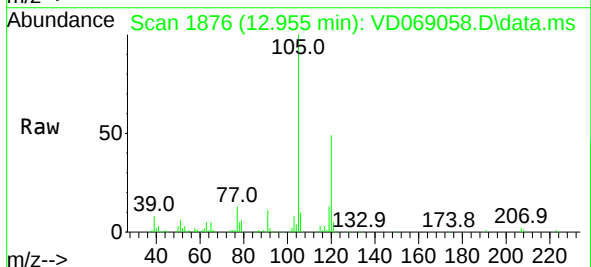
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

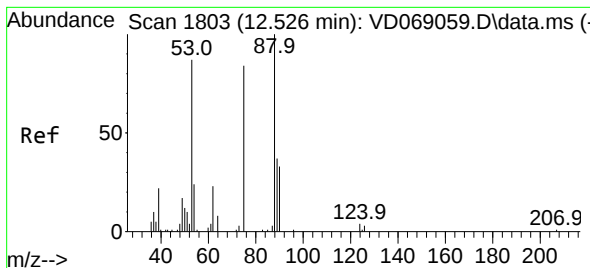
Tgt Ion: 91 Resp: 167838  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.8 50.3



#80  
1,3,5-Trimethylbenzene  
Concen: 20.48 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 105 Resp: 209830  
Ion Ratio Lower Upper  
105 100  
120 47.6 24.2 72.6

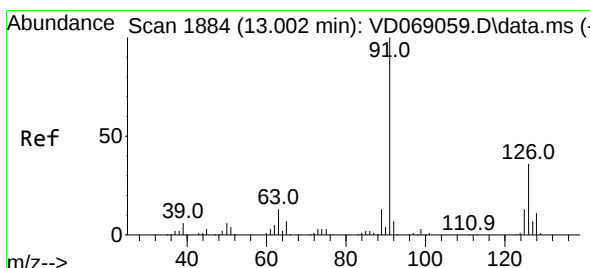
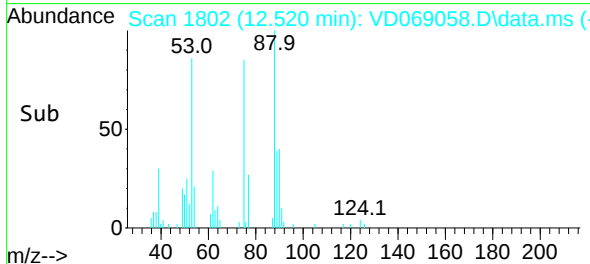
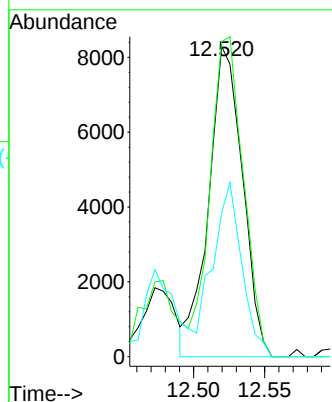
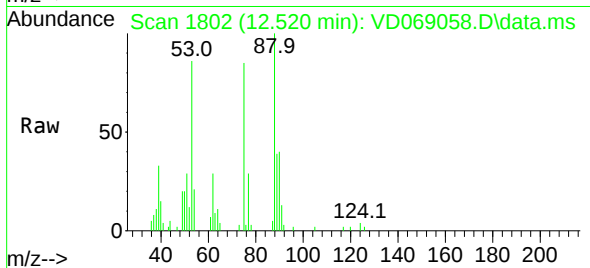




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.80 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

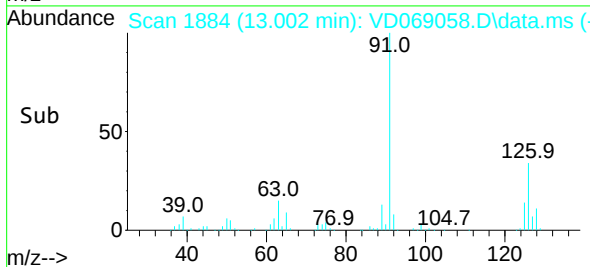
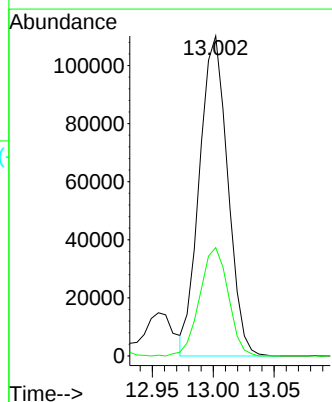
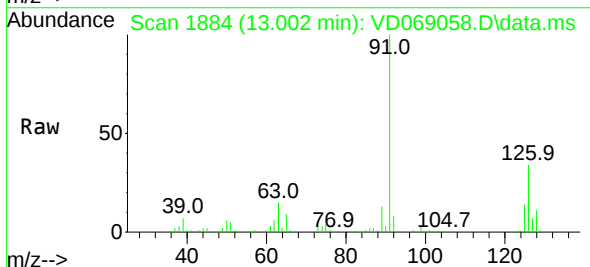
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

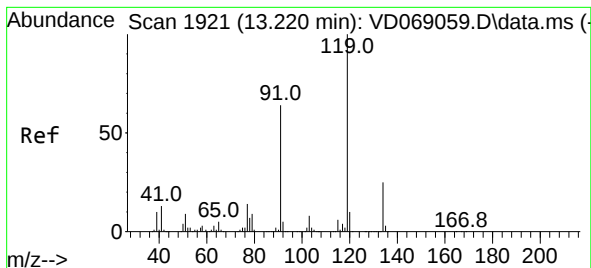
Tgt Ion: 75 Resp: 13778  
Ion Ratio Lower Upper  
75 100  
53 100.4 80.4 120.6  
89 47.9 37.8 56.8



#82  
4-Chlorotoluene  
Concen: 20.16 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 91 Resp: 178004  
Ion Ratio Lower Upper  
91 100  
126 34.2 17.3 51.7

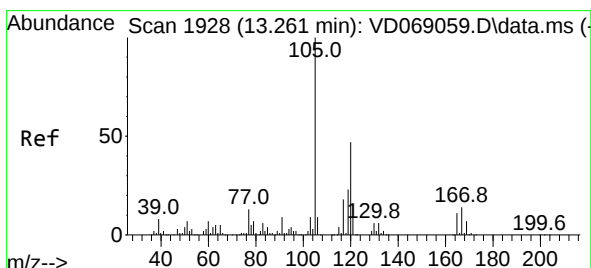
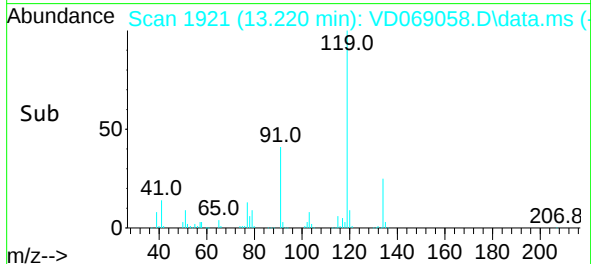
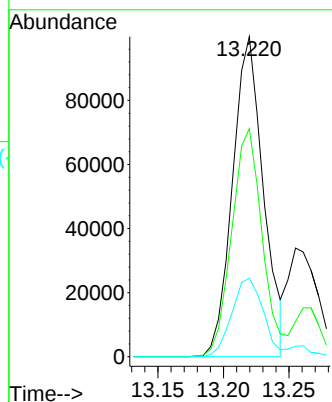
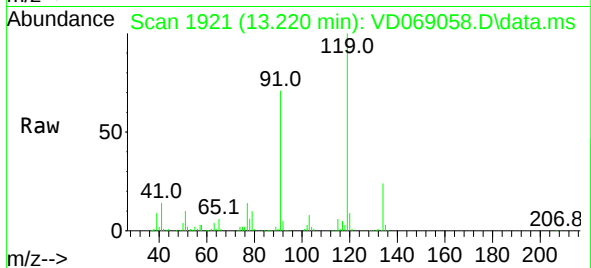




#83  
tert-Butylbenzene  
Concen: 19.56 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

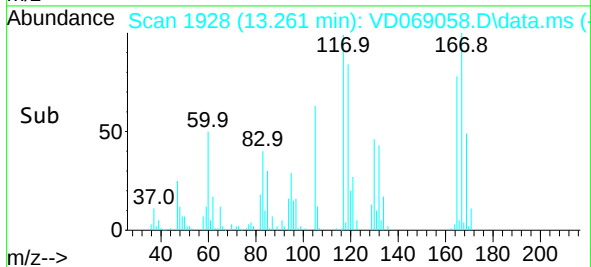
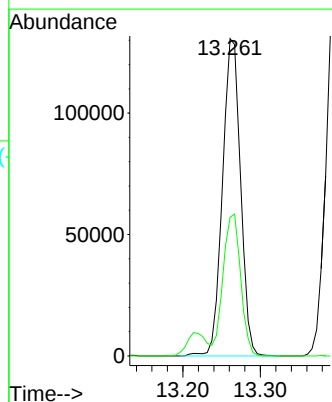
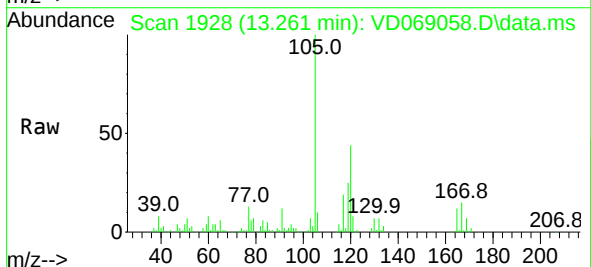
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

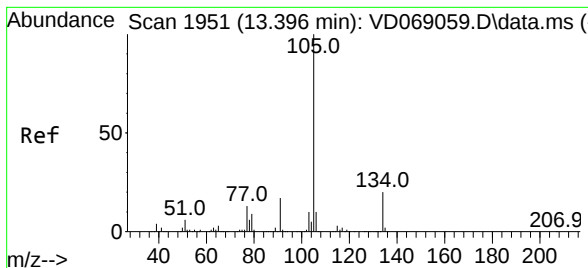
Tgt Ion:119 Resp: 163374  
Ion Ratio Lower Upper  
119 100  
91 71.2 32.8 98.3  
134 25.3 12.6 37.8



#84  
1,2,4-Trimethylbenzene  
Concen: 20.72 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion:105 Resp: 212154  
Ion Ratio Lower Upper  
105 100  
120 43.4 22.5 67.5

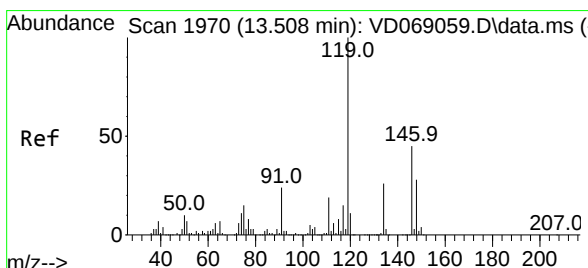
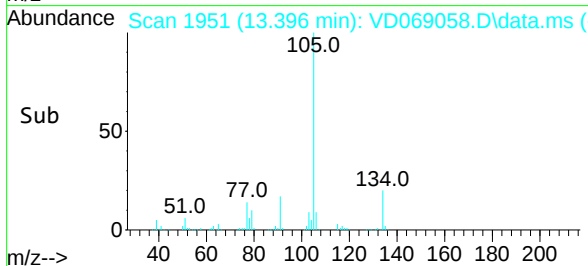
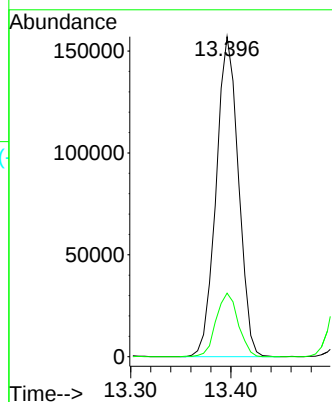
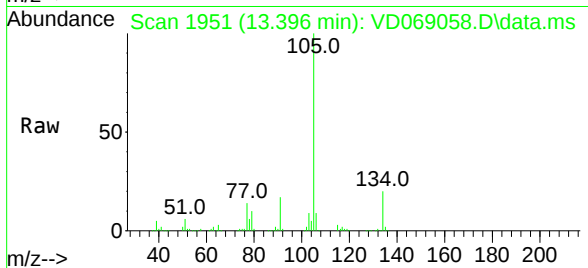




#85  
 sec-Butylbenzene  
 Concen: 20.07 ug/l  
 RT: 13.396 min Scan# 1951  
 Delta R.T. -0.000 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

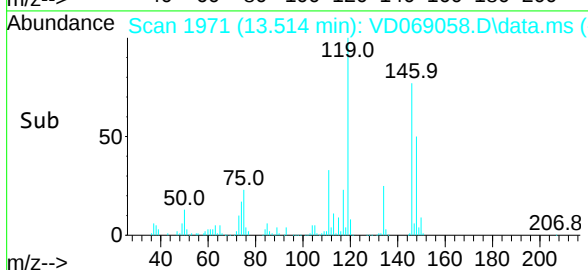
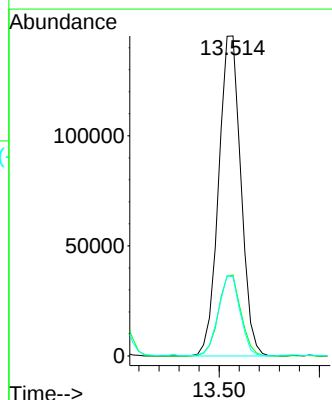
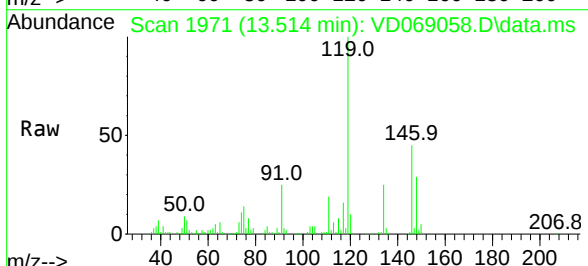
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

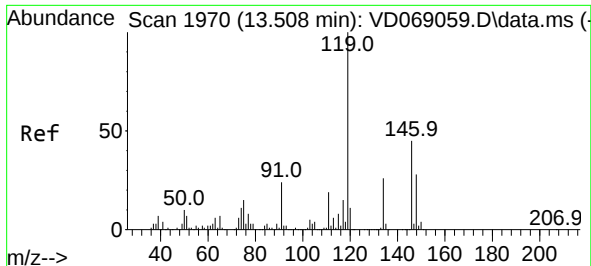
Tgt Ion:105 Resp: 242562  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 20.04 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. 0.006 min  
 Lab File: VD069058.D  
 Acq: 04 May 2021 10:37

Tgt Ion:119 Resp: 223530  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.9 38.7  
 91 24.7 12.3 36.9

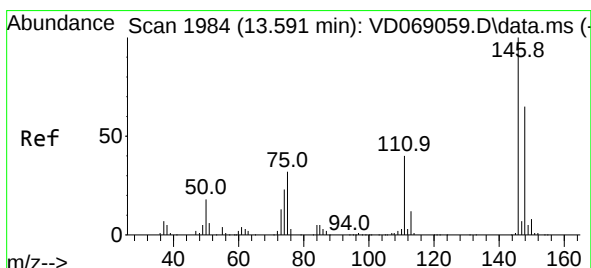
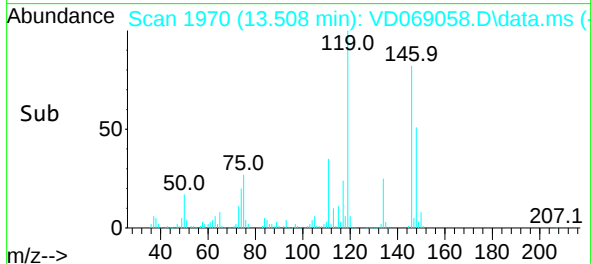
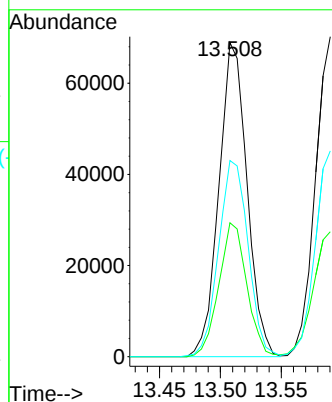
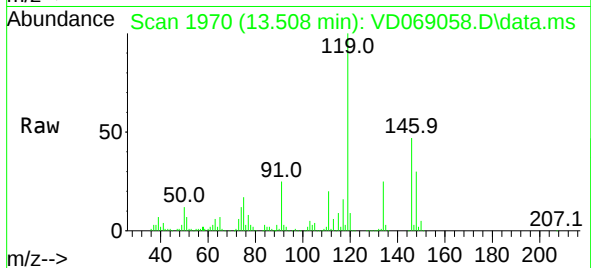




#87  
1,3-Dichlorobenzene  
Concen: 19.82 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

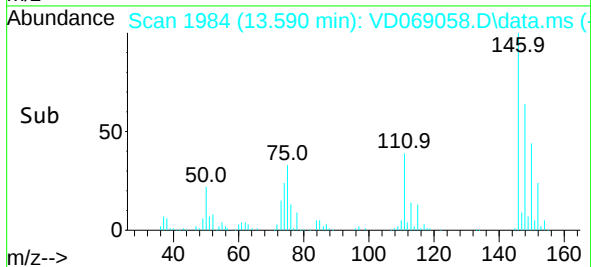
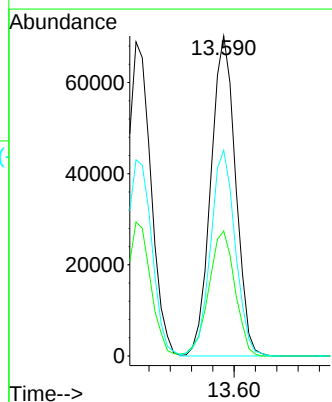
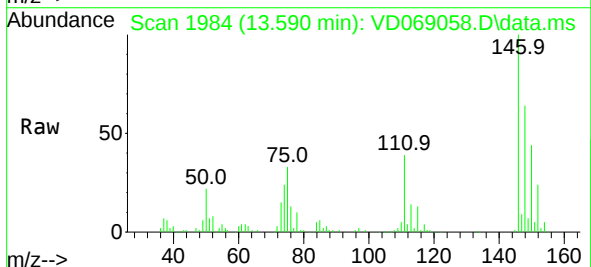
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

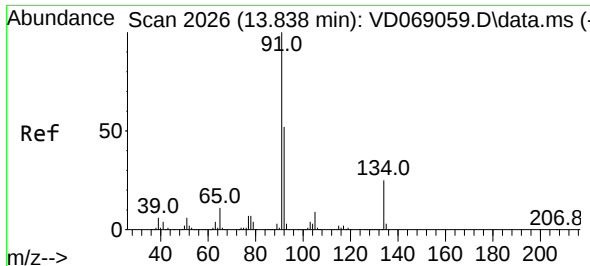
Tgt Ion:146 Resp: 110820  
Ion Ratio Lower Upper  
146 100  
111 42.5 20.6 61.8  
148 65.5 31.4 94.2



#88  
1,4-Dichlorobenzene  
Concen: 20.54 ug/l  
RT: 13.590 min Scan# 1984  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion:146 Resp: 113220  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.5 61.6  
148 64.2 32.3 96.9

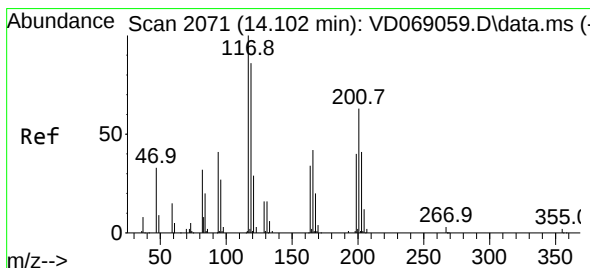
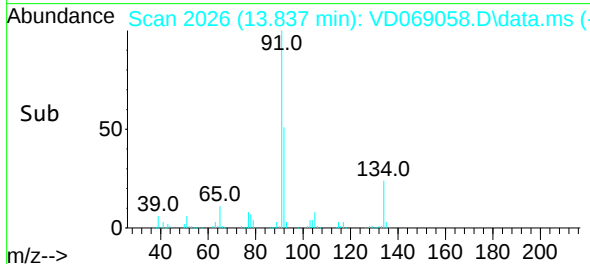
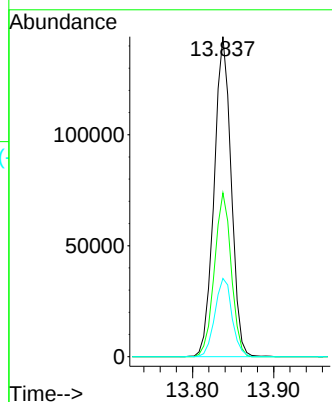
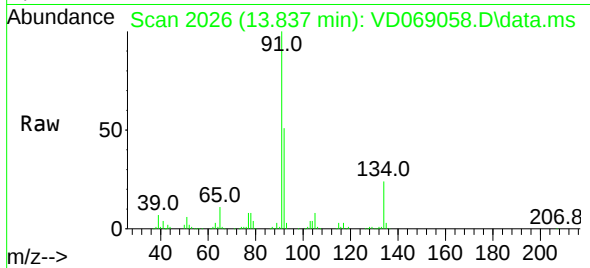




#89  
n-Butylbenzene  
Concen: 19.88 ug/l  
RT: 13.837 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

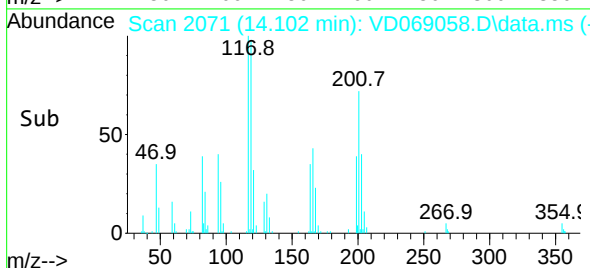
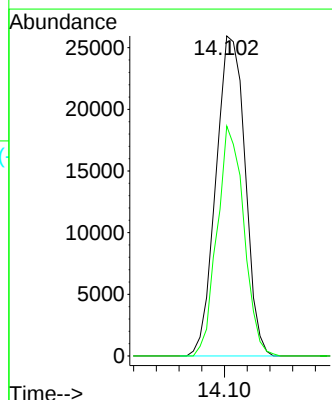
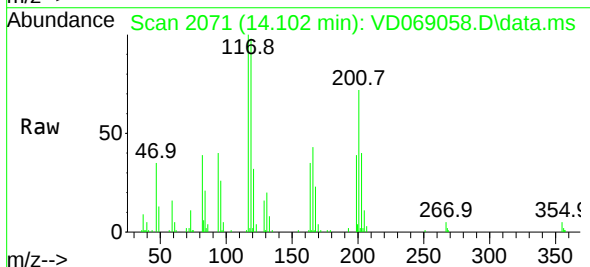
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

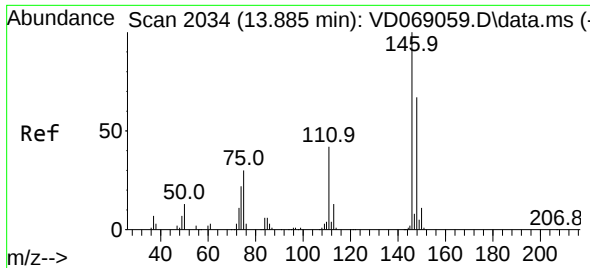
Tgt Ion: 91 Resp: 210423  
Ion Ratio Lower Upper  
91 100  
92 50.3 26.2 78.5  
134 24.6 12.1 36.3



#90  
Hexachloroethane  
Concen: 20.20 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 117 Resp: 46328  
Ion Ratio Lower Upper  
117 100  
201 65.9 32.6 97.8

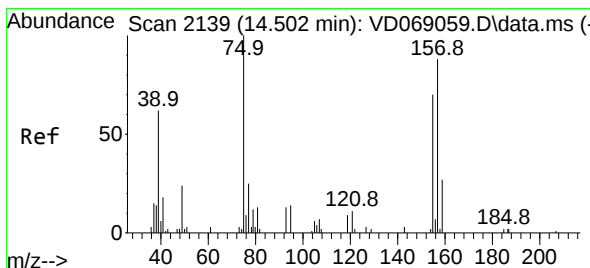
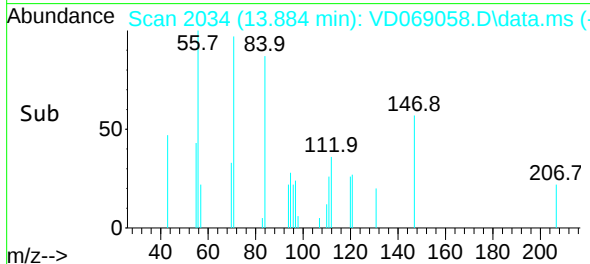
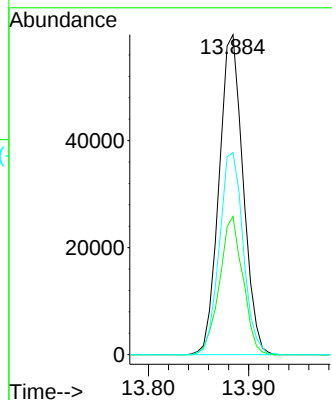
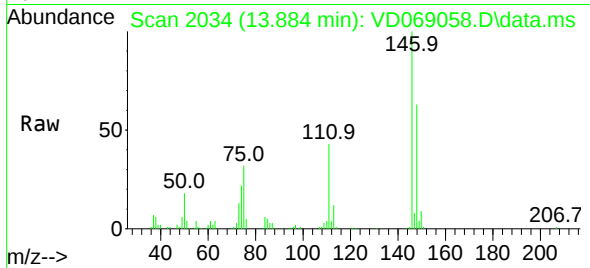




#91  
1,2-Dichlorobenzene  
Concen: 20.45 ug/l  
RT: 13.884 min Scan# 2034  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

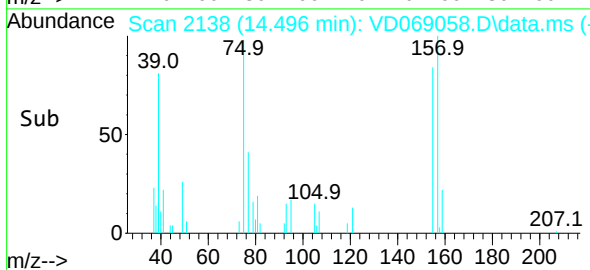
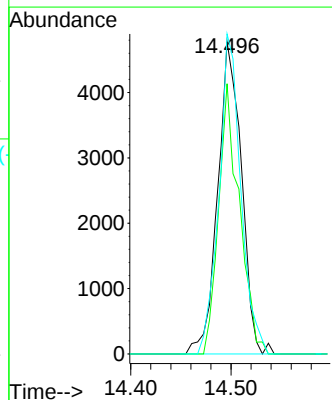
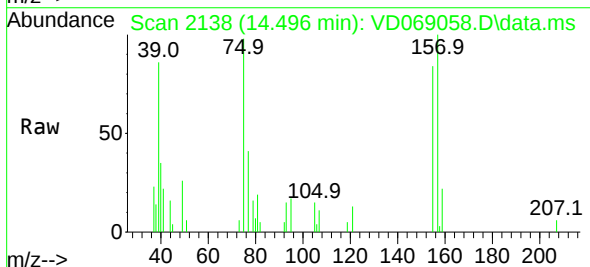
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

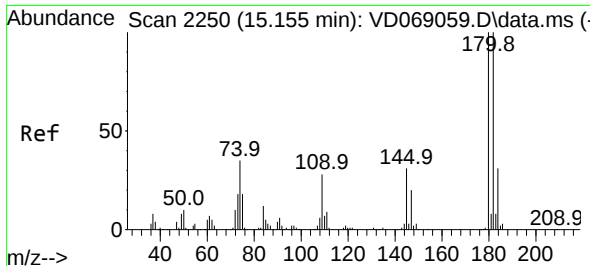
Tgt Ion:146 Resp: 99428  
Ion Ratio Lower Upper  
146 100  
111 42.0 21.1 63.3  
148 62.6 31.3 93.8



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.19 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion: 75 Resp: 7835  
Ion Ratio Lower Upper  
75 100  
155 75.9 39.1 117.3  
157 94.7 48.6 145.8

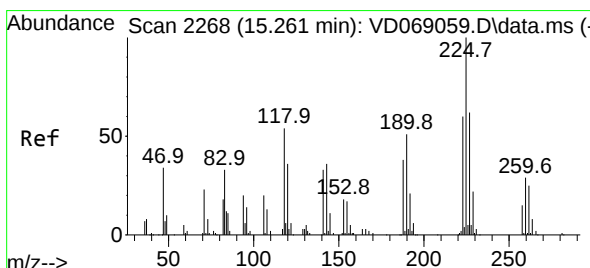
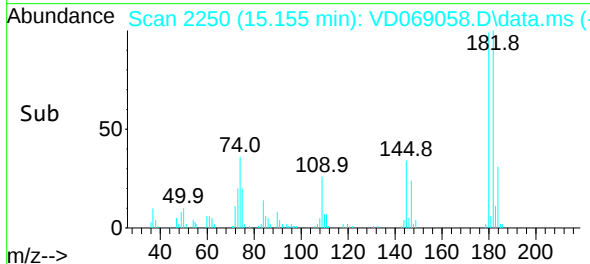
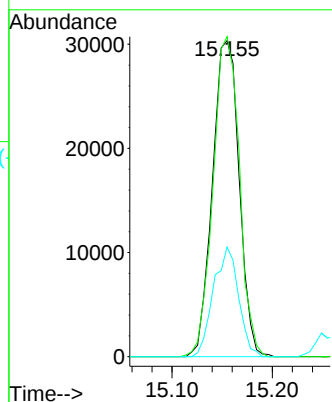
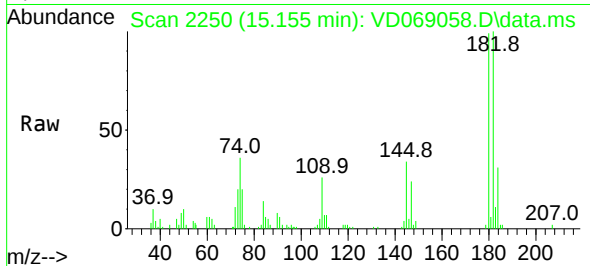




#93  
1,2,4-Trichlorobenzene  
Concen: 19.41 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

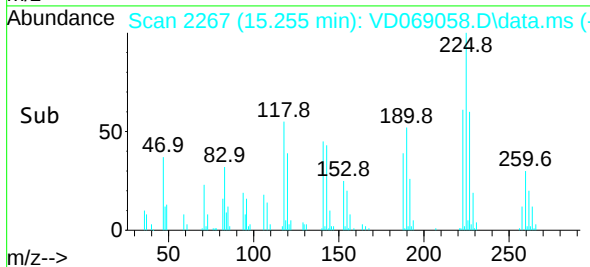
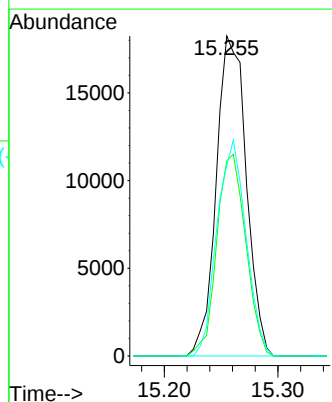
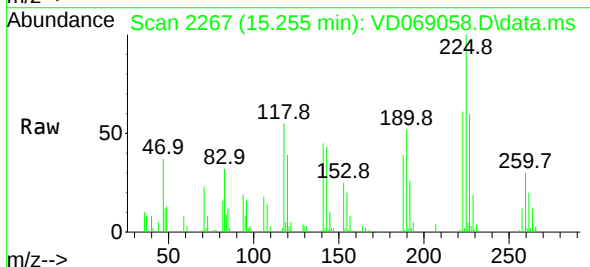
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

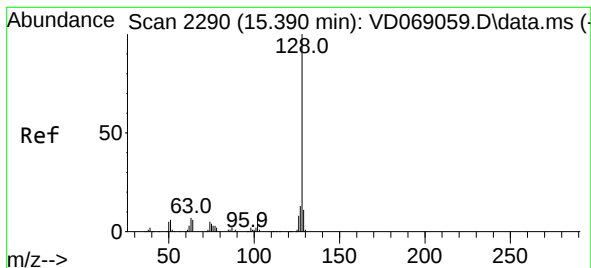
Tgt Ion:180 Resp: 55996  
Ion Ratio Lower Upper  
180 100  
182 100.0 48.3 144.9  
145 32.7 15.8 47.3



#94  
Hexachlorobutadiene  
Concen: 20.05 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion:225 Resp: 33500  
Ion Ratio Lower Upper  
225 100  
223 60.9 31.1 93.3  
227 65.0 31.6 95.0

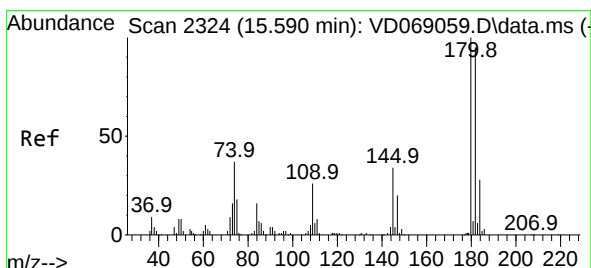
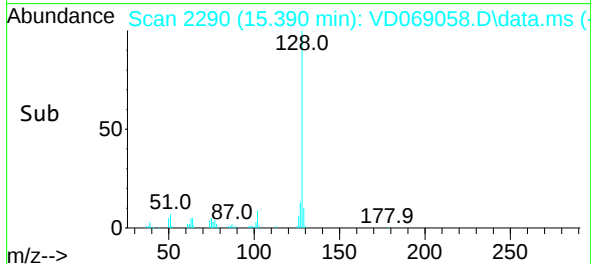
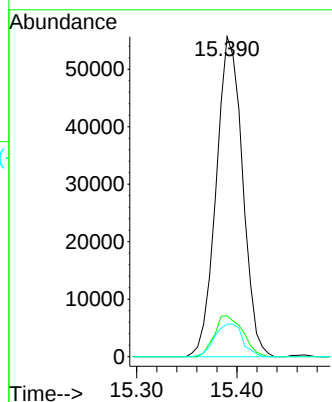
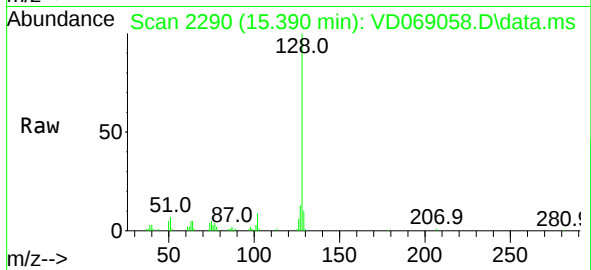




#95  
Naphthalene  
Concen: 19.09 ug/l  
RT: 15.390 min Scan# 2290  
Delta R.T. -0.000 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tgt Ion:128 Resp: 101642  
Ion Ratio Lower Upper  
128 100  
127 13.8 10.7 16.1  
129 10.8 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 20.20 ug/l  
RT: 15.584 min Scan# 2323  
Delta R.T. -0.006 min  
Lab File: VD069058.D  
Acq: 04 May 2021 10:37

Tgt Ion:180 Resp: 50327  
Ion Ratio Lower Upper  
180 100  
182 92.5 46.5 139.5  
145 32.3 17.4 52.2

