

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD071822\  
 Data File : VD073855.D  
 Acq On : 18 Jul 2022 18:09  
 Operator : VA/SY  
 Sample : VSTDICV050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 ICVVD071822

Quant Time: Jul 19 02:01:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071822S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 19 01:56:16 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 136986   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.855  | 114  | 225856   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.632 | 117  | 213973   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 108428   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.320  | 65    | 80457    | 49.186   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 98.380%  |
| 35) Dibromofluoromethane    | 7.903  | 113   | 77801    | 48.828   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 97.660%  |
| 50) Toluene-d8              | 10.332 | 98    | 293521   | 50.745   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 101.480% |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 102029   | 51.303   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 102.600% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 59795  | 47.730  | ug/l   | 96  |
| 3) Chloromethane             | 2.203 | 50  | 105306 | 51.985  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.344 | 62  | 149798 | 47.447  | ug/l   | 99  |
| 5) Bromomethane              | 2.762 | 94  | 103595 | 48.543  | ug/l   | 98  |
| 6) Chloroethane              | 2.915 | 64  | 101614 | 47.750  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.262 | 101 | 135346 | 47.940  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.703 | 74  | 33941  | 49.008  | ug/l   | 89  |
| 9) 1,1,2-Trichlorotrifluo... | 4.085 | 101 | 75694  | 48.318  | ug/l   | 100 |
| 10) Methyl Iodide            | 4.291 | 142 | 68888  | 44.640  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.226 | 59  | 20094  | 223.023 | ug/l # | 90  |
| 12) 1,1-Dichloroethene       | 4.056 | 96  | 67074  | 48.183  | ug/l   | 92  |
| 13) Acrolein                 | 3.920 | 56  | 17159  | 225.984 | ug/l   | 98  |
| 14) Allyl chloride           | 4.703 | 41  | 102454 | 50.423  | ug/l # | 88  |
| 15) Acrylonitrile            | 5.409 | 53  | 72162  | 255.299 | ug/l   | 99  |
| 16) Acetone                  | 4.156 | 43  | 65129  | 242.645 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.397 | 76  | 214809 | 48.292  | ug/l   | 96  |
| 18) Methyl Acetate           | 4.709 | 43  | 33705  | 53.345  | ug/l   | 92  |
| 19) Methyl tert-butyl Ether  | 5.467 | 73  | 171110 | 51.316  | ug/l   | 93  |
| 20) Methylene Chloride       | 4.956 | 84  | 103816 | 57.661  | ug/l   | 87  |
| 21) trans-1,2-Dichloroethene | 5.461 | 96  | 80060  | 48.649  | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.356 | 45  | 218692 | 50.576  | ug/l # | 93  |
| 23) Vinyl Acetate            | 6.297 | 43  | 634676 | 268.908 | ug/l # | 91  |
| 24) 1,1-Dichloroethane       | 6.256 | 63  | 137821 | 48.256  | ug/l   | 99  |
| 25) 2-Butanone               | 7.208 | 43  | 92047  | 241.611 | ug/l # | 88  |
| 26) 2,2-Dichloropropane      | 7.203 | 77  | 120362 | 47.457  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.197 | 96  | 90234  | 48.704  | ug/l   | 92  |
| 28) Bromochloromethane       | 7.538 | 49  | 57959  | 54.089  | ug/l # | 78  |
| 29) Tetrahydrofuran          | 7.555 | 42  | 61777  | 267.422 | ug/l # | 87  |
| 30) Chloroform               | 7.703 | 83  | 155016 | 49.311  | ug/l   | 97  |
| 31) Cyclohexane              | 7.979 | 56  | 118226 | 45.486  | ug/l   | 89  |
| 32) 1,1,1-Trichloroethane    | 7.897 | 97  | 141456 | 48.366  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.108 | 75  | 114911 | 49.991  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.285 | 43  | 43283  | 52.367  | ug/l # | 95  |
| 38) Carbon Tetrachloride     | 8.091 | 117 | 129953 | 49.504  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.350 | 83  | 133971 | 50.000  | ug/l   | 93  |
| 40) Benzene                  | 8.344 | 78  | 319005 | 51.009  | ug/l   | 99  |

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 ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Jul 19 02:01:19 2022  
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 Quant Title : SW846 8260  
 QLast Update : Tue Jul 19 01:56:16 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.508  | 41   | 23029    | 44.836   | ug/l # | 77       |
| 42) 1,2-Dichloroethane        | 8.414  | 62   | 99805    | 52.144   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 87523    | 52.988   | ug/l # | 93       |
| 44) Trichloroethene           | 9.102  | 130  | 87480    | 50.122   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 76565    | 50.651   | ug/l   | 98       |
| 46) Dibromomethane            | 9.461  | 93   | 47986    | 52.335   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.649  | 83   | 119725   | 50.432   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.450  | 41   | 42024    | 51.892   | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 10566    | 1101.349 | ug/l   | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 224959   | 272.426  | ug/l   | 95       |
| 52) Toluene                   | 10.397 | 92   | 214390   | 50.936   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.608 | 75   | 112789   | 53.817   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.079 | 75   | 126579   | 52.197   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 58619    | 50.260   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.649 | 69   | 74255    | 54.993   | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 103293   | 52.076   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 195763   | 271.134  | ug/l   | 92       |
| 59) 2-Hexanone                | 10.973 | 43   | 152835   | 270.868  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.132 | 129  | 83759    | 53.013   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.232 | 107  | 62915    | 53.316   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.867 | 164  | 70322    | 49.277   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.661 | 112  | 226416   | 51.377   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 86687    | 51.760   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.732 | 91   | 417130   | 51.266   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.843 | 106  | 334091   | 105.049  | ug/l   | 97       |
| 69) o-Xylene                  | 12.167 | 106  | 151920   | 51.022   | ug/l   | 96       |
| 70) Styrene                   | 12.185 | 104  | 267758   | 52.600   | ug/l   | 98       |
| 71) Bromoform                 | 12.349 | 173  | 47791    | 52.736   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.467 | 105  | 409213   | 49.829   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 86305    | 53.278   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 72009    | 50.730   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.767 | 75   | 90666    | 77.933   | ug/l # | 100      |
| 77) Bromobenzene              | 12.749 | 156  | 91239    | 49.990   | ug/l   | 91       |
| 78) n-propylbenzene           | 12.808 | 91   | 502702   | 50.177   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 281836   | 50.147   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 350732   | 50.665   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.514 | 75   | 21894    | 50.782   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.990 | 91   | 295078   | 49.648   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.208 | 119  | 292637   | 49.442   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 348456   | 50.536   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.385 | 105  | 452567   | 50.707   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 384930   | 51.220   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 192092   | 50.260   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 188652   | 49.935   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.826 | 91   | 360347   | 50.502   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.090 | 117  | 73273    | 49.341   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 164143   | 49.708   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.485 | 75   | 12289    | 51.557   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 98981    | 49.099   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 51509    | 48.213   | ug/l   | 98       |
| 95) Naphthalene               | 15.379 | 128  | 190262   | 52.507   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 87131    | 50.836   | ug/l   | 99       |

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ALS Vial : 10 Sample Multiplier: 1

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MSVOA\_D  
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Quant Title : SW846 8260  
QLast Update : Tue Jul 19 01:56:16 2022  
Response via : Initial Calibration

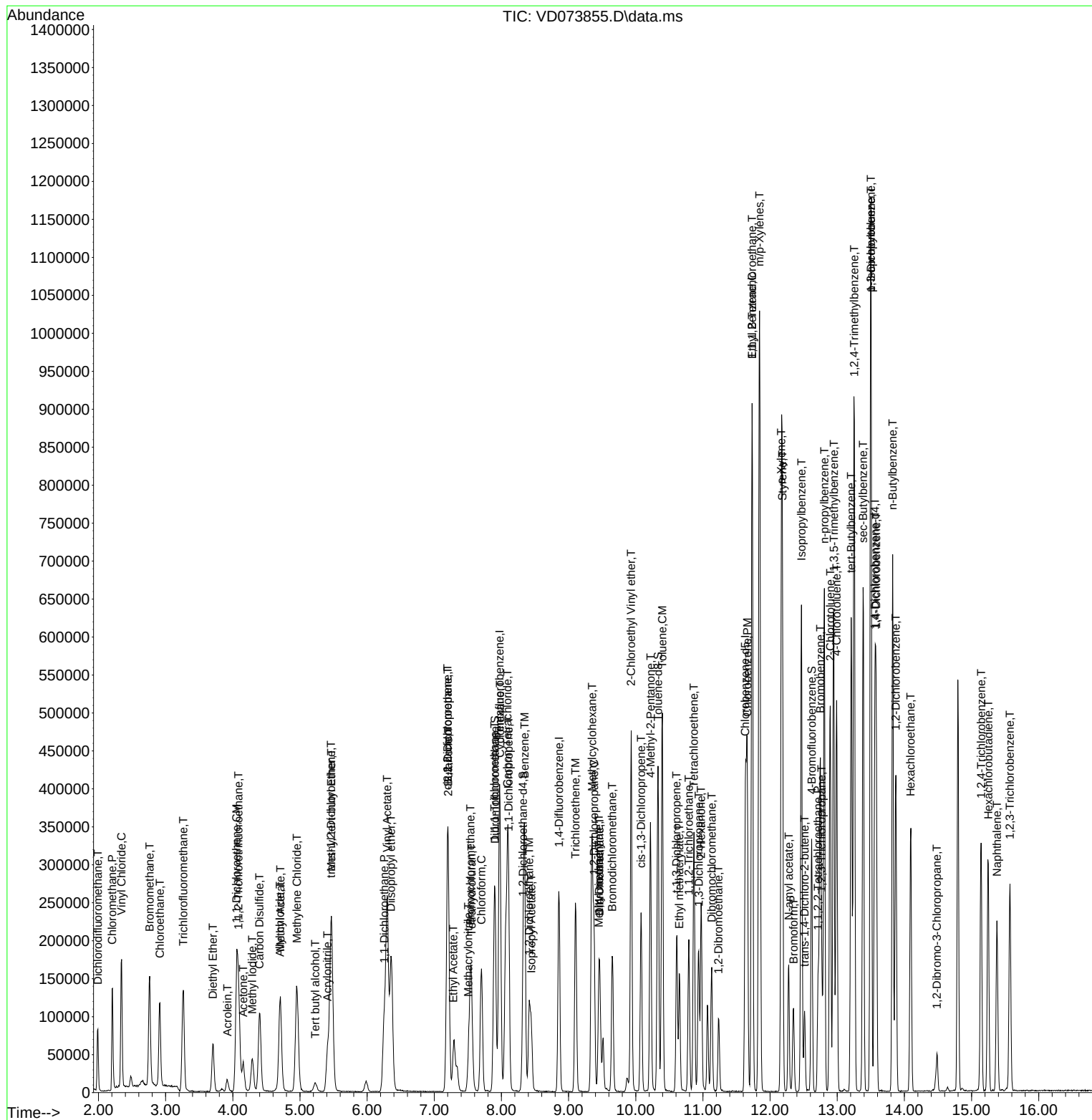
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

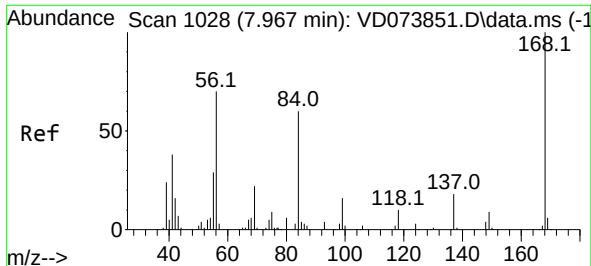
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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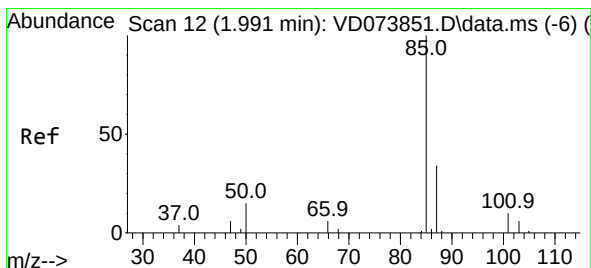
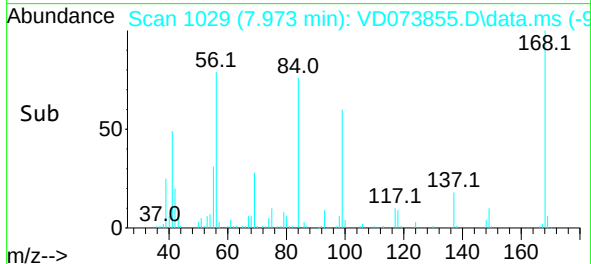
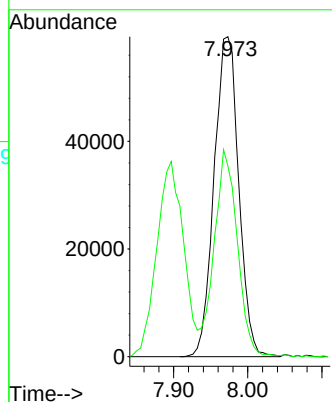
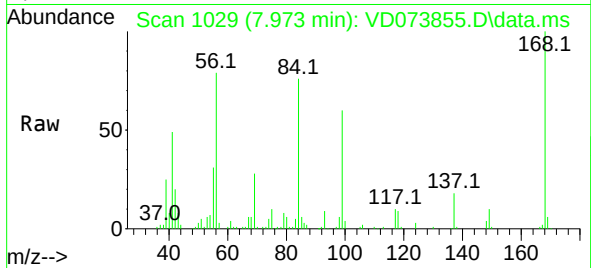




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. 0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

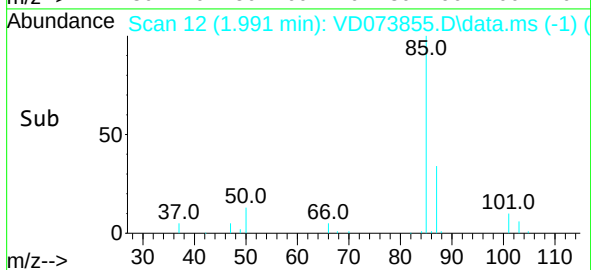
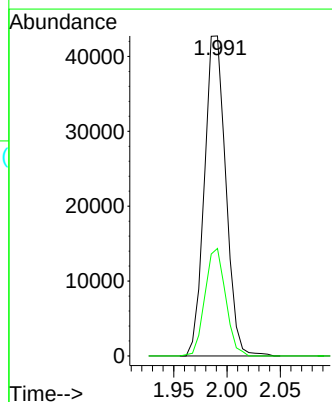
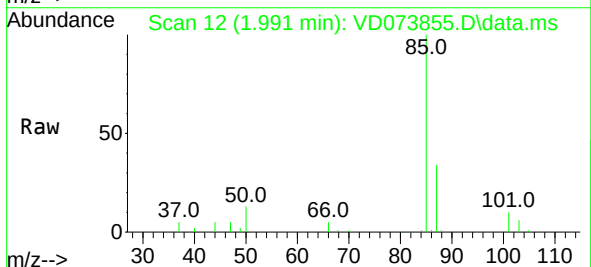
Instrument :  
MSVOA\_D  
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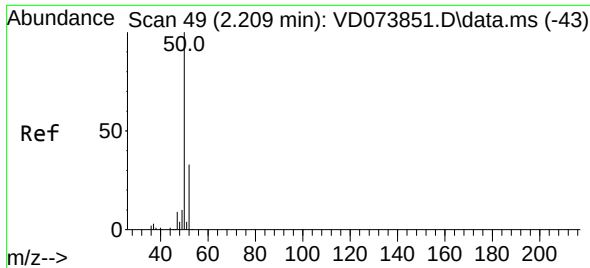
Tgt Ion:168 Resp: 136986  
Ion Ratio Lower Upper  
168 100  
99 59.3 49.8 74.6



#2  
Dichlorodifluoromethane  
Concen: 47.730 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 85 Resp: 59795  
Ion Ratio Lower Upper  
85 100  
87 33.6 15.7 47.0

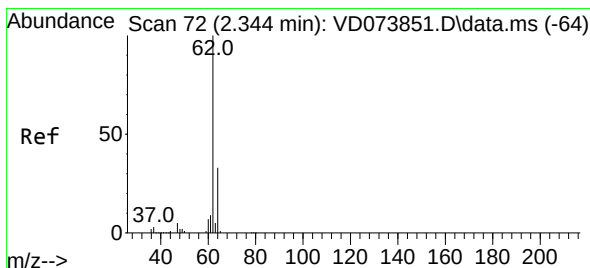
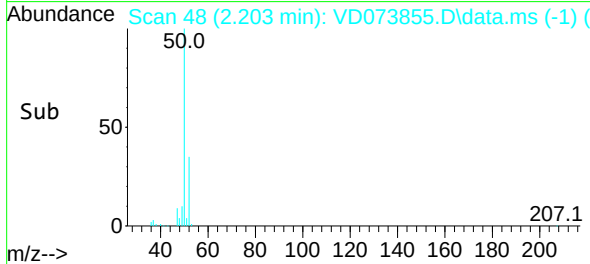
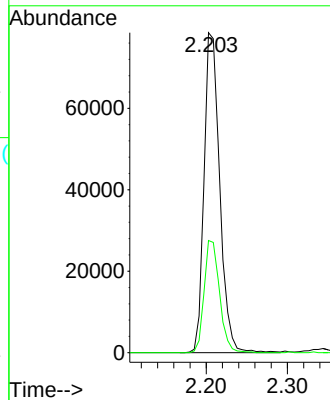
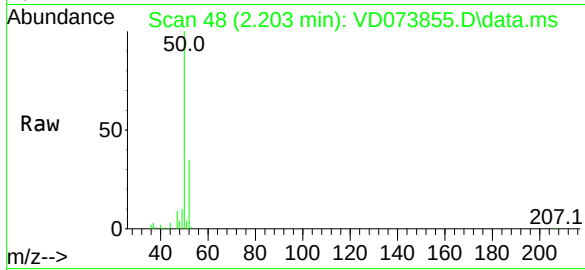




#3  
Chloromethane  
Concen: 51.985 ug/l  
RT: 2.203 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

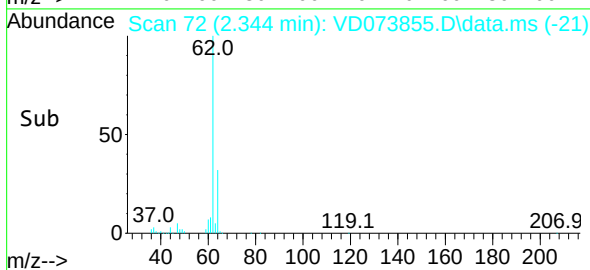
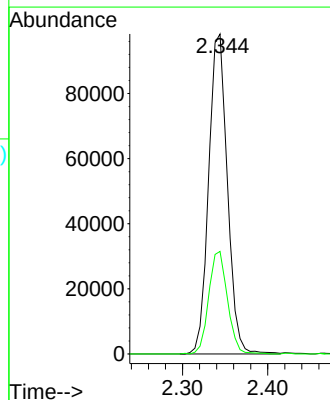
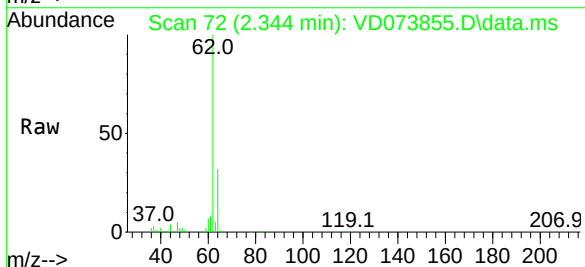
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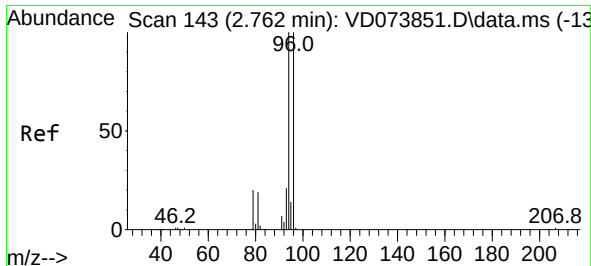
Tgt Ion: 50 Resp: 105306  
Ion Ratio Lower Upper  
50 100  
52 35.1 27.4 41.0



#4  
Vinyl Chloride  
Concen: 47.447 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 62 Resp: 149798  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.4 38.0

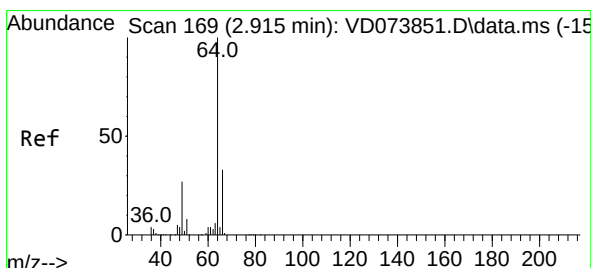
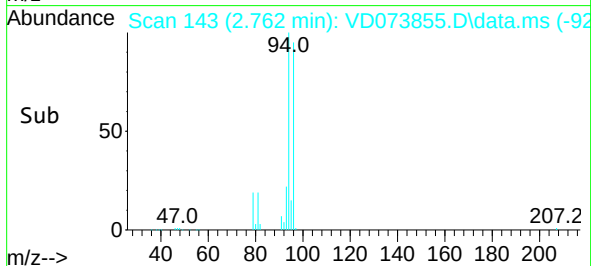
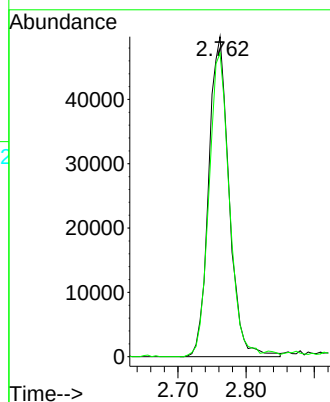
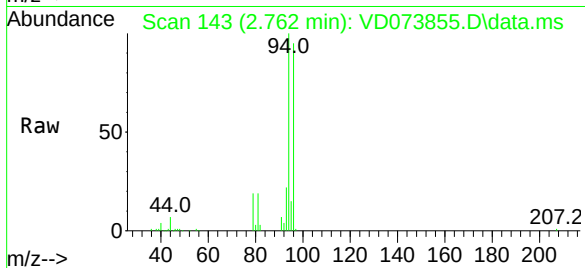




#5  
Bromomethane  
Concen: 48.543 ug/l  
RT: 2.762 min Scan# 143  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

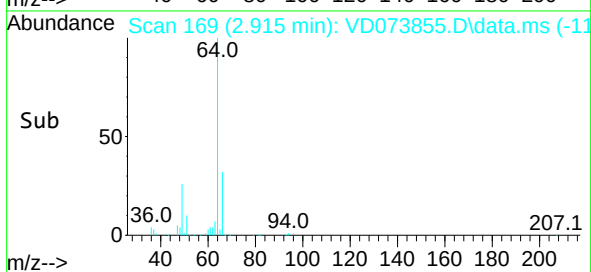
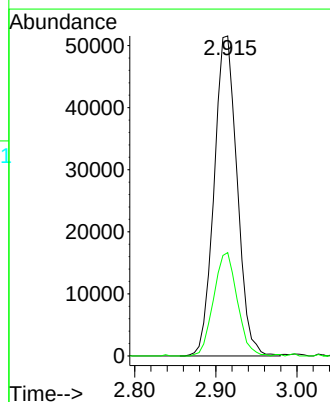
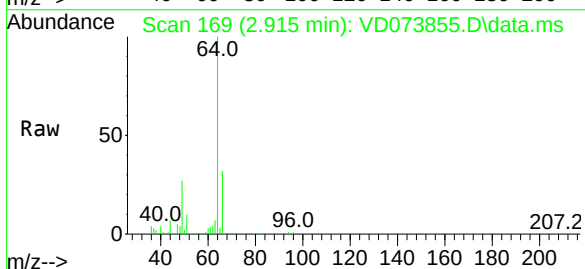
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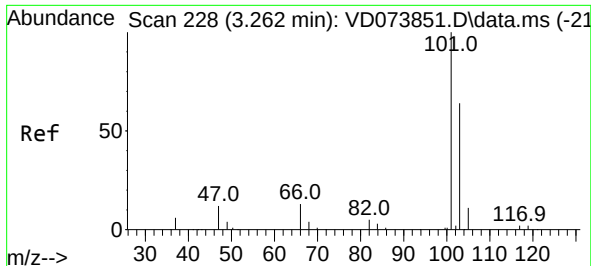
Tgt Ion: 94 Resp: 103595  
Ion Ratio Lower Upper  
94 100  
96 94.8 77.6 116.4



#6  
Chloroethane  
Concen: 47.750 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 64 Resp: 101614  
Ion Ratio Lower Upper  
64 100  
66 32.3 25.9 38.9

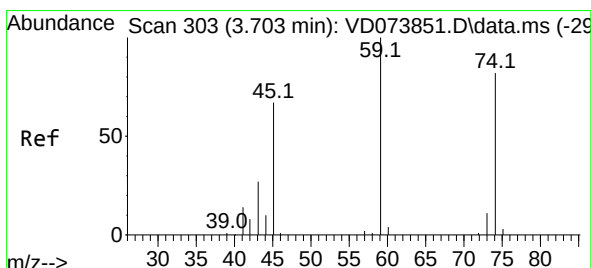
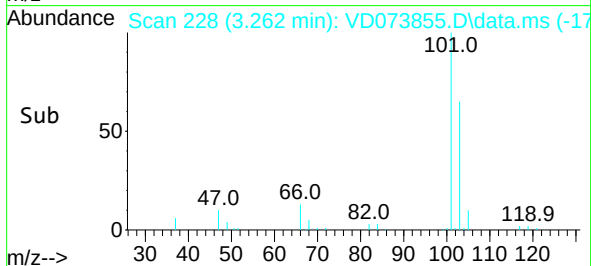
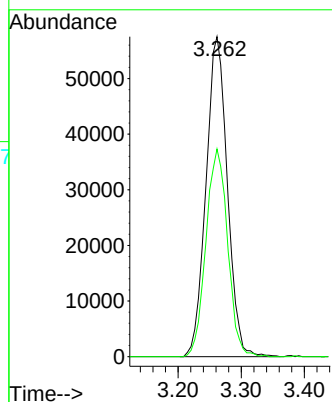
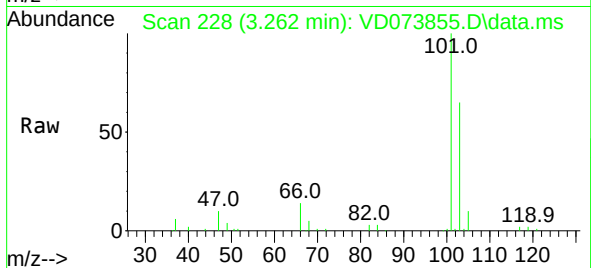




#7  
Trichlorofluoromethane  
Concen: 47.940 ug/l  
RT: 3.262 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

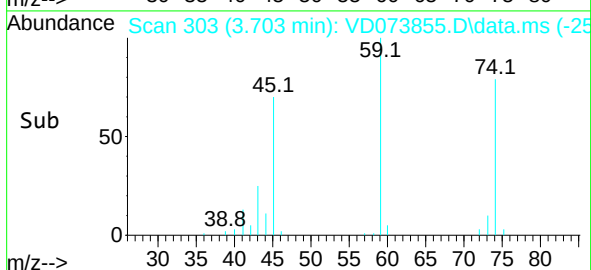
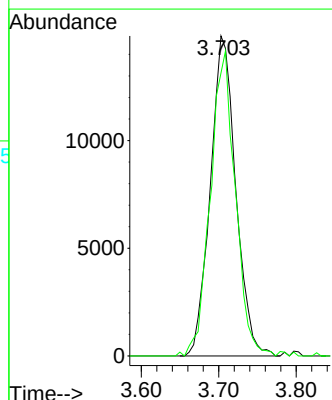
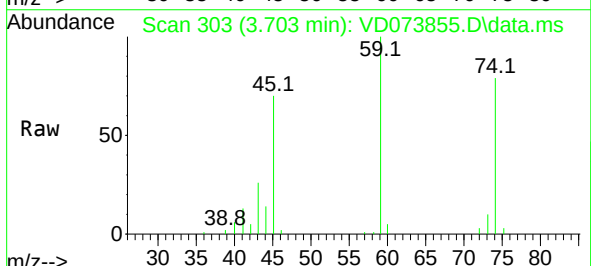
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

Tgt Ion:101 Resp: 135346  
Ion Ratio Lower Upper  
101 100  
103 64.9 50.1 75.1

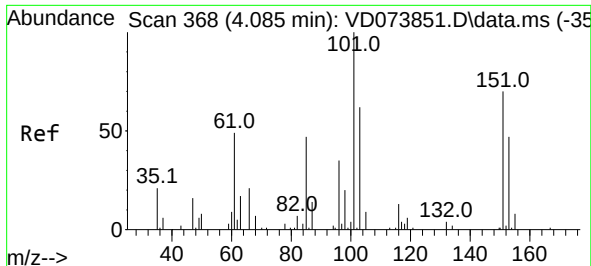


#8  
Diethyl Ether  
Concen: 49.008 ug/l  
RT: 3.703 min Scan# 303  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 74 Resp: 33941  
Ion Ratio Lower Upper  
74 100  
45 93.5 52.6 157.8



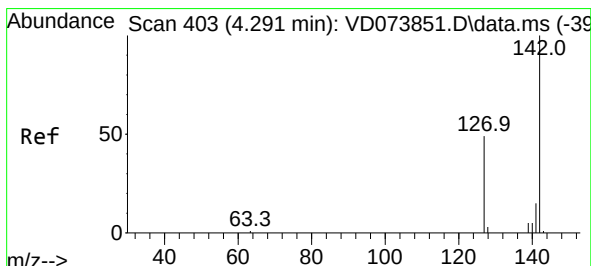
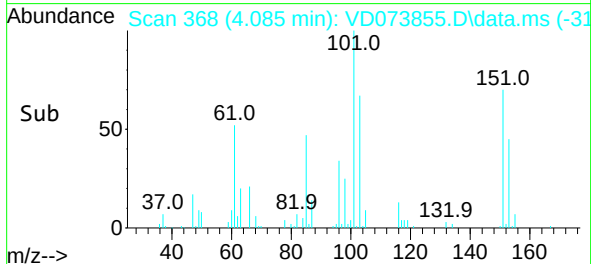
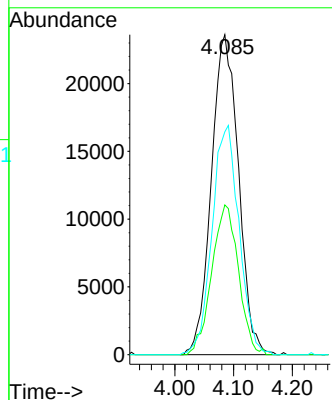
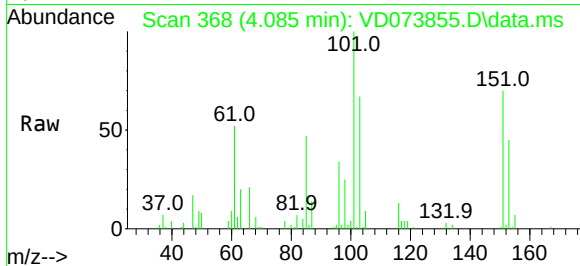




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 48.318 ug/l  
 RT: 4.085 min Scan# 368  
 Delta R.T. -0.000 min  
 Lab File: VD073855.D  
 Acq: 18 Jul 2022 18:09

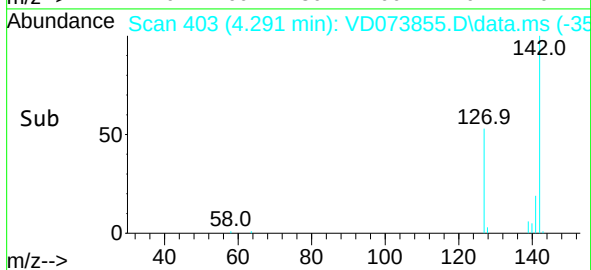
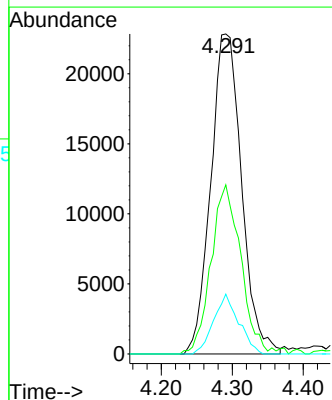
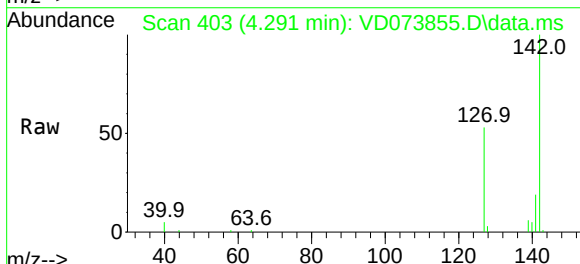
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 ICVVD071822

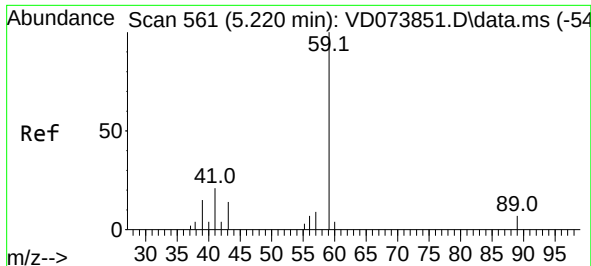
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 75694 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.1  | 36.4  | 54.6  |
| 151      | 71.4  | 57.3  | 85.9  |



#10  
 Methyl Iodide  
 Concen: 44.640 ug/l  
 RT: 4.291 min Scan# 403  
 Delta R.T. -0.000 min  
 Lab File: VD073855.D  
 Acq: 18 Jul 2022 18:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 68888 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 51.4  | 37.3  | 55.9  |
| 141      | 15.2  | 11.7  | 17.5  |





#11

Tert butyl alcohol

Concen: 223.023 ug/l

RT: 5.226 min Scan# 5

Delta R.T. 0.006 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

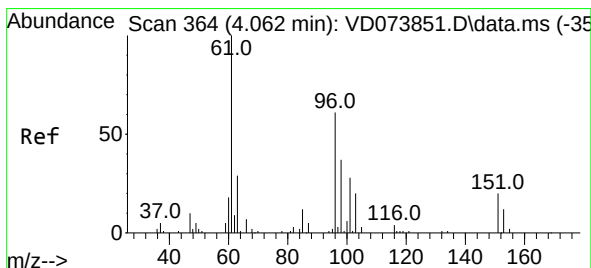
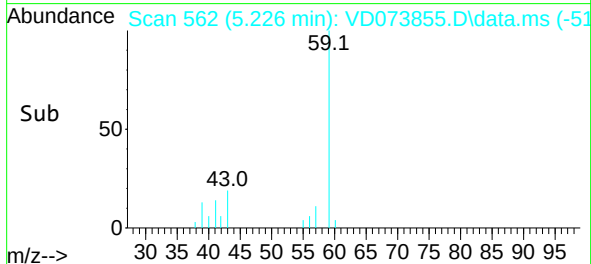
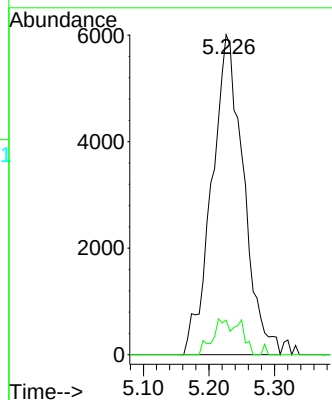
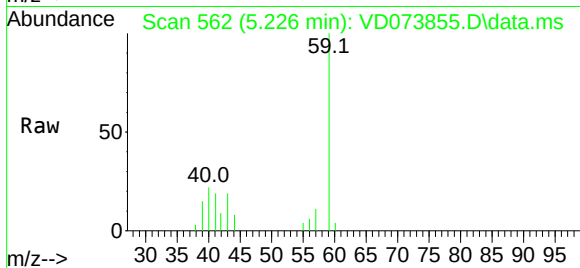
ICVVD071822

Tgt Ion: 59 Resp: 20094

Ion Ratio Lower Upper

59 100

57 5.9 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 48.183 ug/l

RT: 4.056 min Scan# 363

Delta R.T. -0.006 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

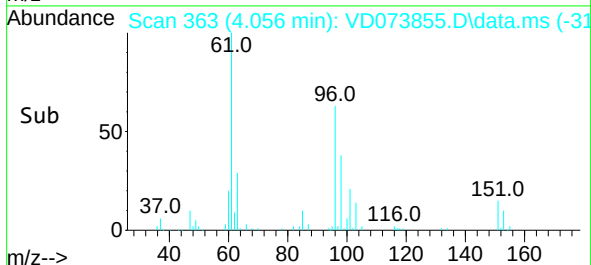
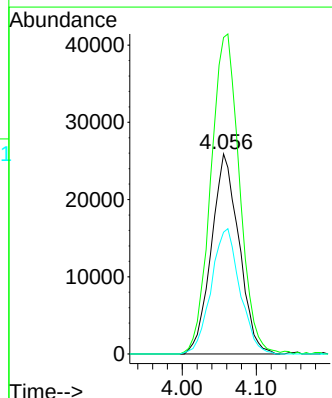
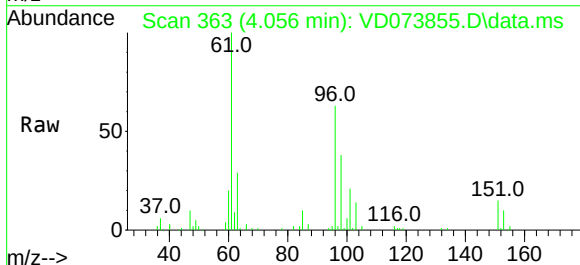
Tgt Ion: 96 Resp: 67074

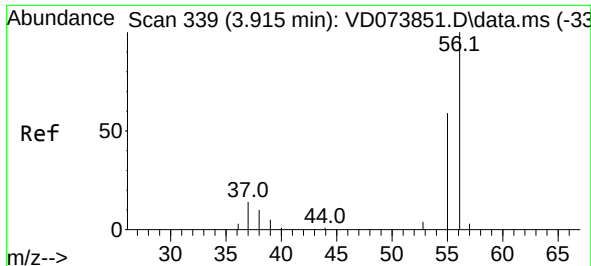
Ion Ratio Lower Upper

96 100

61 158.3 138.5 207.7

98 60.9 48.6 73.0





#13

Acrolein

Concen: 225.984 ug/l

RT: 3.920 min Scan# 34

Delta R.T. 0.006 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

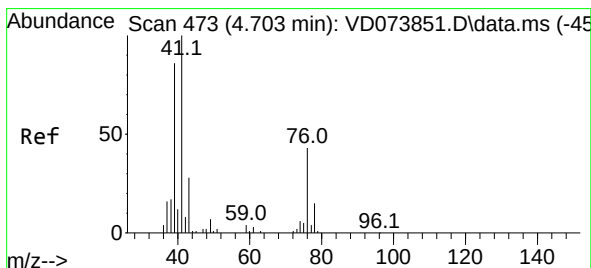
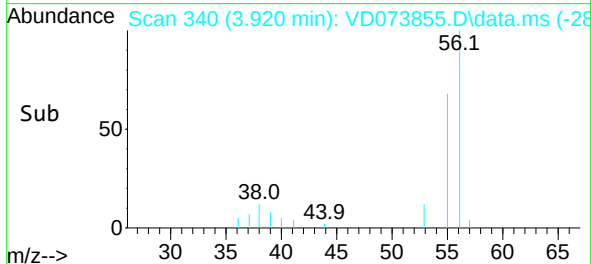
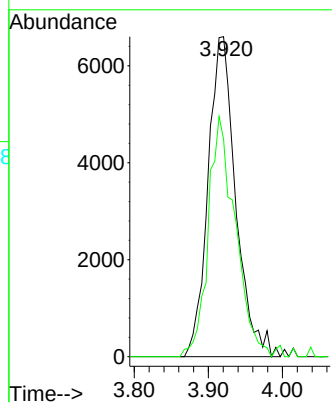
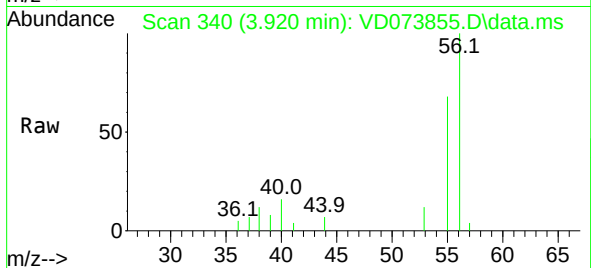
ICVVD071822

Tgt Ion: 56 Resp: 17159

Ion Ratio Lower Upper

56 100

55 73.2 57.1 85.7



#14

Allyl chloride

Concen: 50.423 ug/l

RT: 4.703 min Scan# 473

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

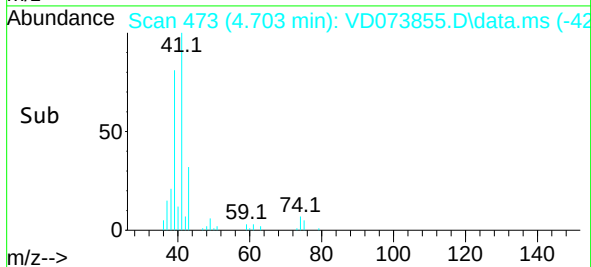
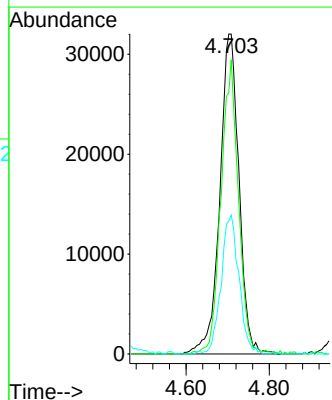
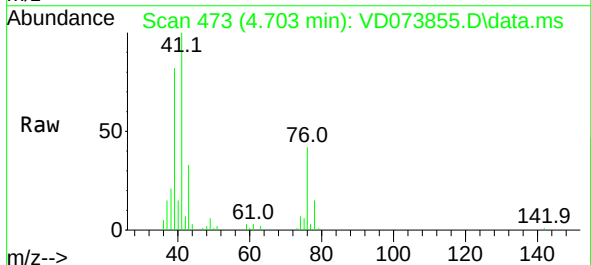
Tgt Ion: 41 Resp: 102454

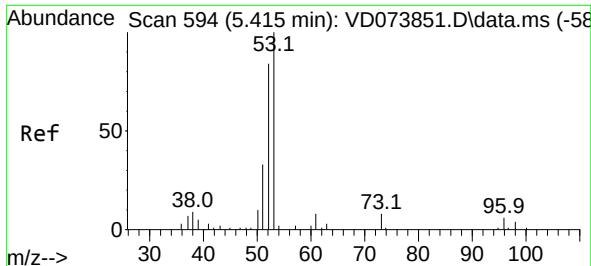
Ion Ratio Lower Upper

41 100

39 83.2 59.3 88.9

76 40.3 25.7 38.5#

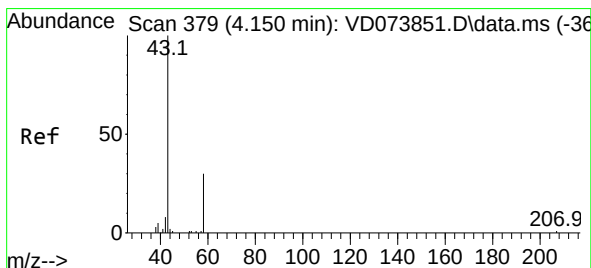
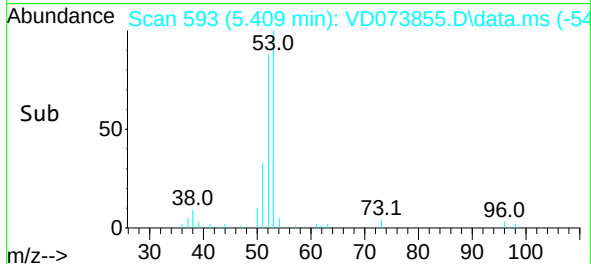
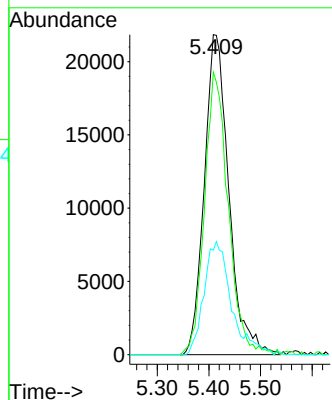
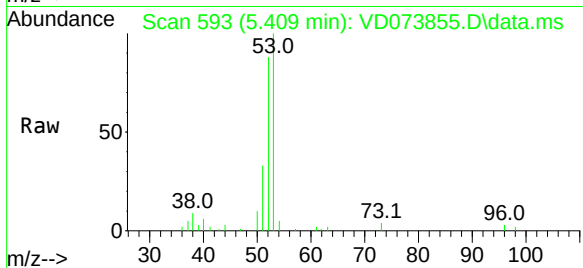




#15  
Acrylonitrile  
Concen: 255.299 ug/l  
RT: 5.409 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

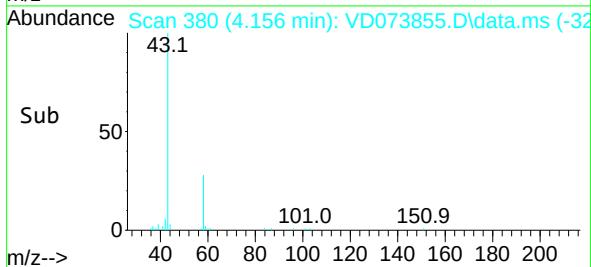
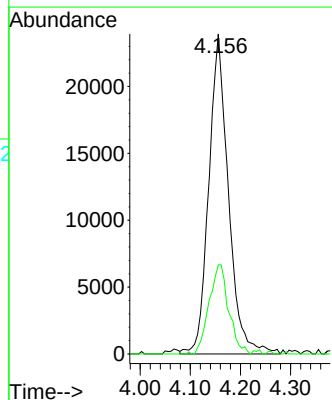
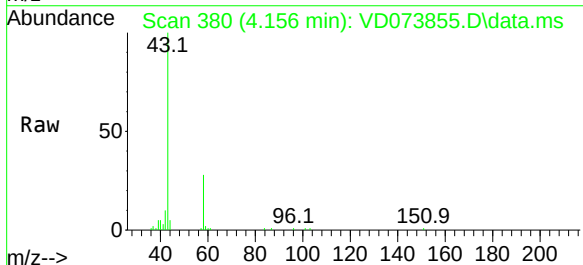
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

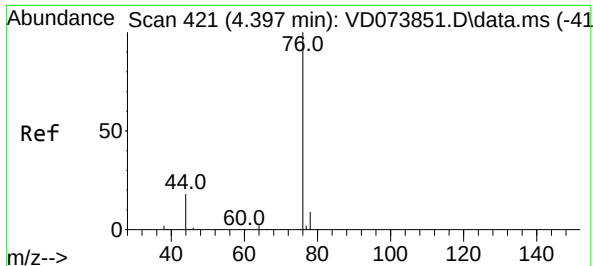
Tgt Ion: 53 Resp: 72162  
Ion Ratio Lower Upper  
53 100  
52 84.9 67.2 100.8  
51 39.1 30.3 45.5



#16  
Acetone  
Concen: 242.645 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. 0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 43 Resp: 65129  
Ion Ratio Lower Upper  
43 100  
58 27.9 22.1 33.1

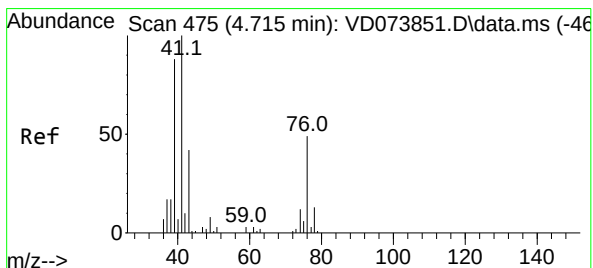
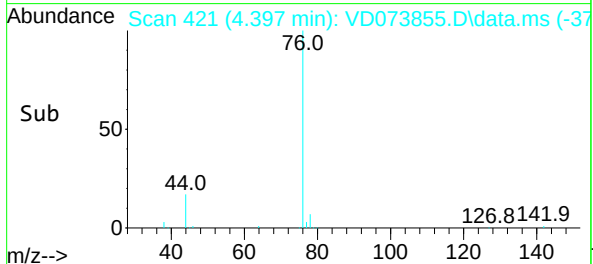
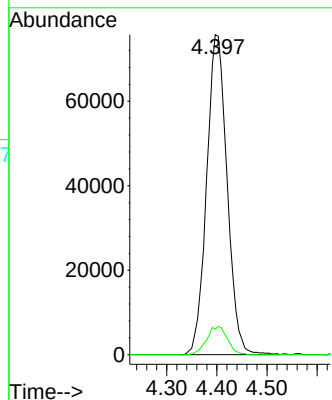
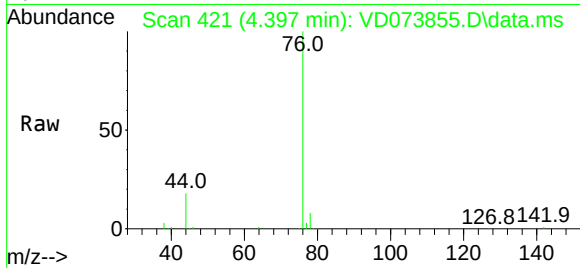




#17  
Carbon Disulfide  
Concen: 48.292 ug/l  
RT: 4.397 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

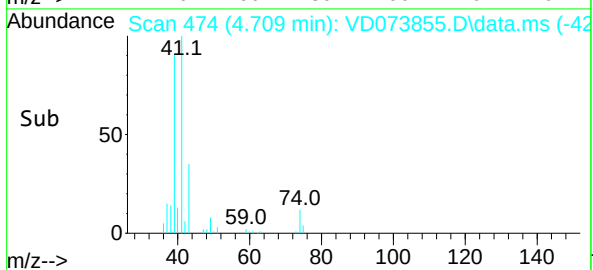
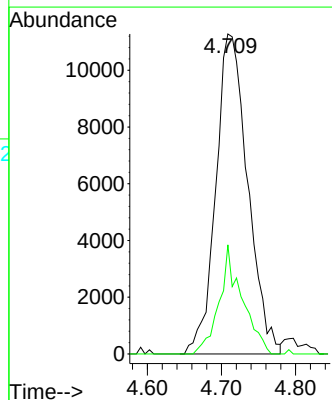
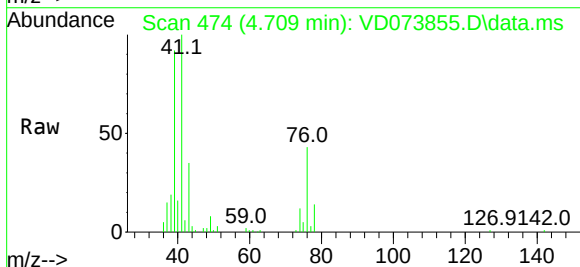
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

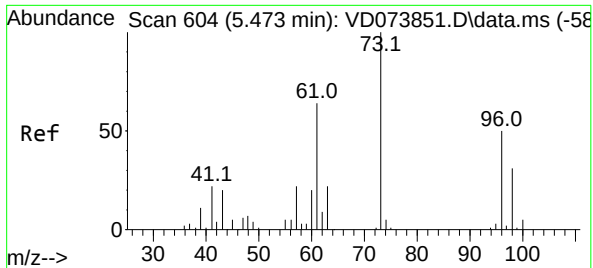
Tgt Ion: 76 Resp: 214809  
Ion Ratio Lower Upper  
76 100  
78 7.9 7.5 11.3



#18  
Methyl Acetate  
Concen: 53.345 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 43 Resp: 33705  
Ion Ratio Lower Upper  
43 100  
74 24.5 16.7 25.1

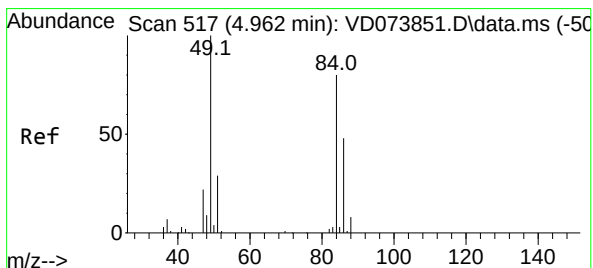
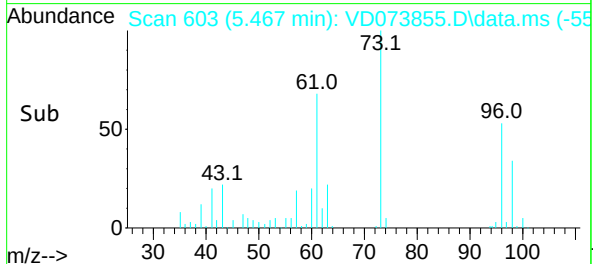
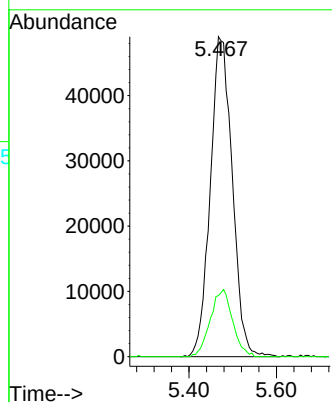
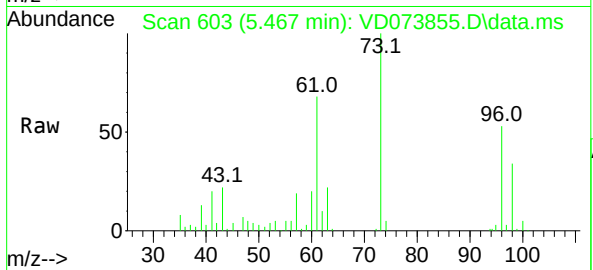




#19  
Methyl tert-butyl Ether  
Concen: 51.316 ug/l  
RT: 5.467 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

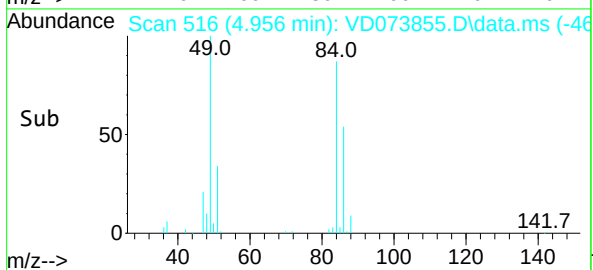
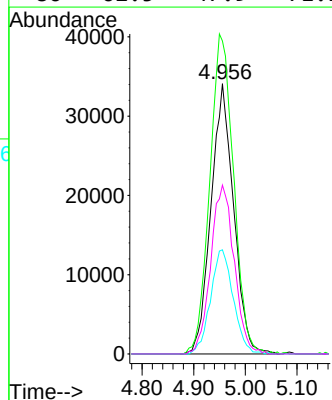
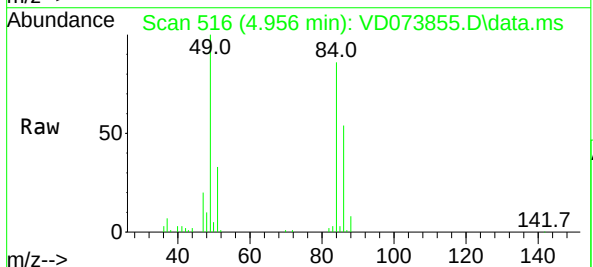
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

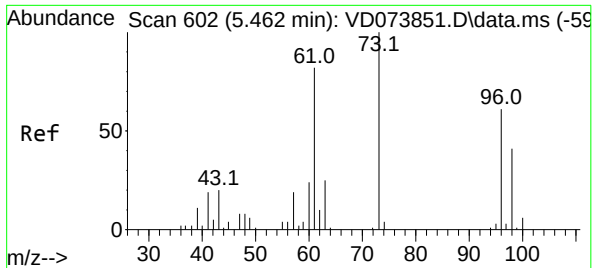
Tgt Ion: 73 Resp: 171110  
Ion Ratio Lower Upper  
73 100  
57 19.1 18.0 27.0



#20  
Methylene Chloride  
Concen: 57.661 ug/l  
RT: 4.956 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

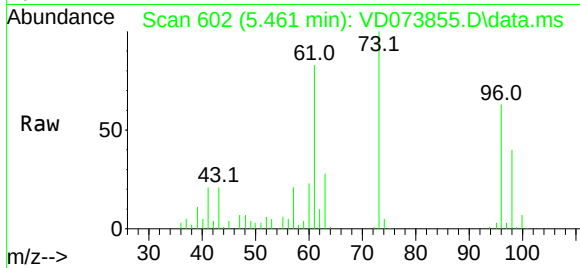
Tgt Ion: 84 Resp: 103816  
Ion Ratio Lower Upper  
84 100  
49 115.8 112.8 169.2  
51 38.6 32.6 48.8  
86 62.5 47.9 71.9





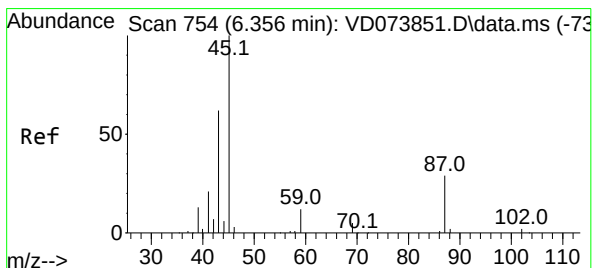
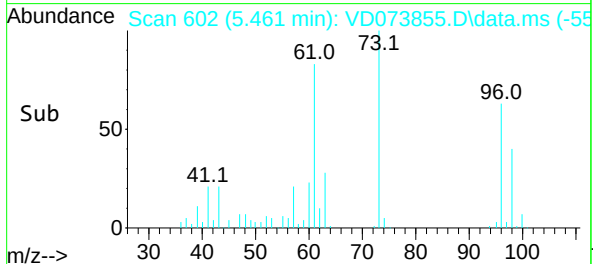
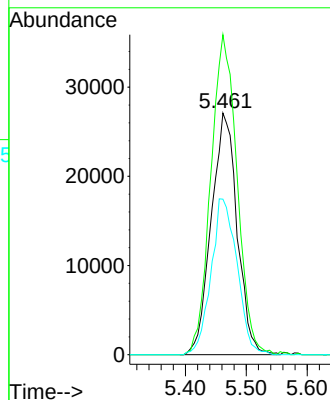
#21  
trans-1,2-Dichloroethene  
Concen: 48.649 ug/l  
RT: 5.461 min Scan# 602  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822



Tgt Ion: 96 Resp: 80060

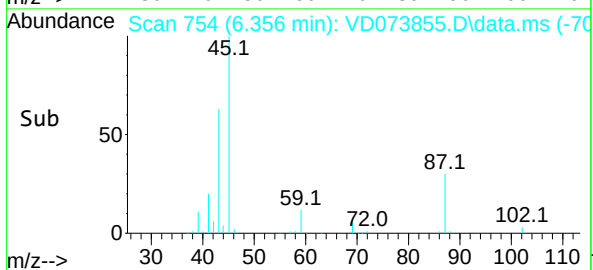
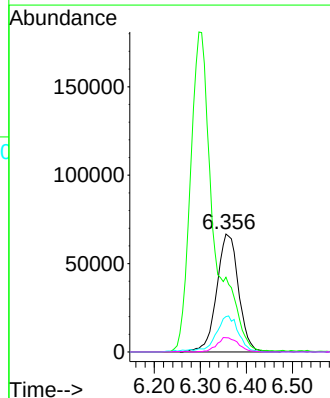
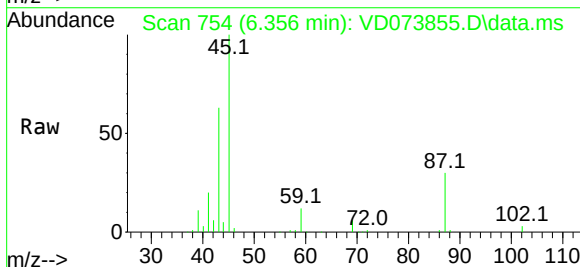
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 132.4 | 117.9 | 176.9 |
| 98  | 64.4  | 49.4  | 74.2  |

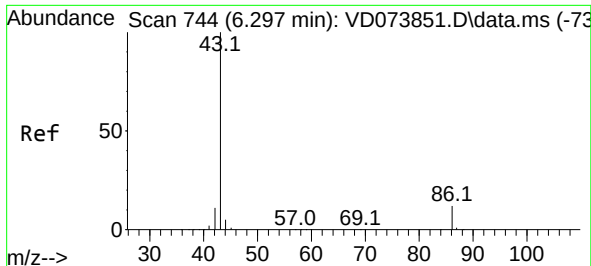


#22  
Diisopropyl ether  
Concen: 50.576 ug/l  
RT: 6.356 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 45 Resp: 218692

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 62.3  | 46.6  | 70.0  |
| 87  | 30.0  | 18.4  | 27.6# |
| 59  | 12.2  | 8.6   | 13.0  |

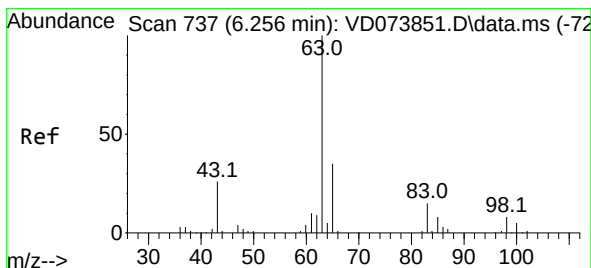
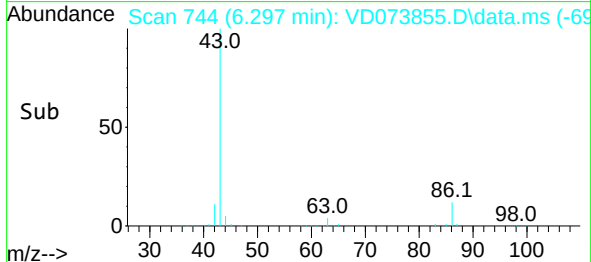
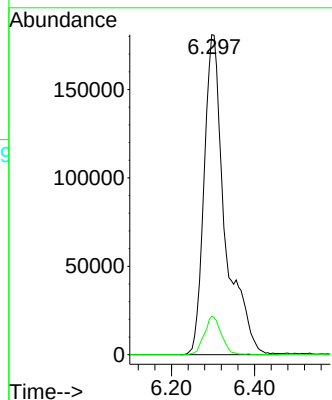
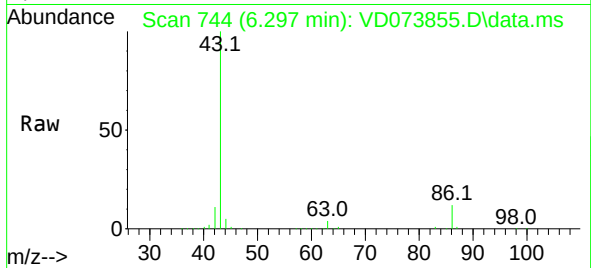




#23  
 Vinyl Acetate  
 Concen: 268.908 ug/l  
 RT: 6.297 min Scan# 744  
 Delta R.T. -0.000 min  
 Lab File: VD073855.D  
 Acq: 18 Jul 2022 18:09

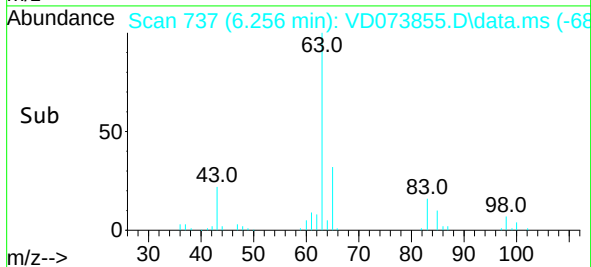
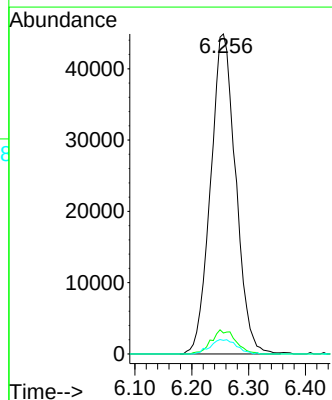
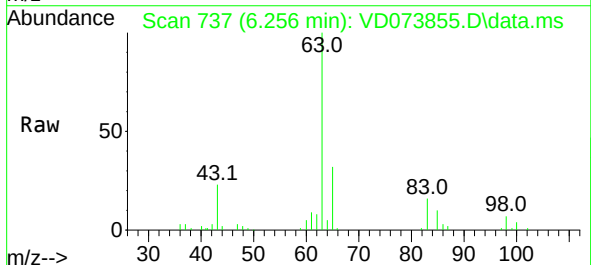
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 ICVVD071822

Tgt Ion: 43 Resp: 634676  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 7.1 10.7#

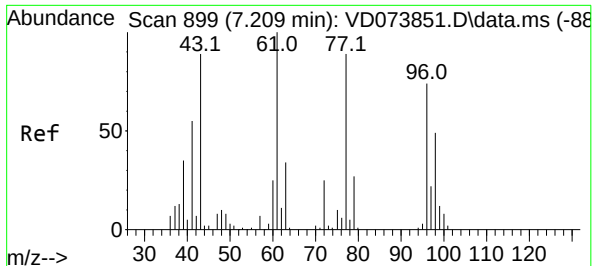


#24  
 1,1-Dichloroethane  
 Concen: 48.256 ug/l  
 RT: 6.256 min Scan# 737  
 Delta R.T. -0.000 min  
 Lab File: VD073855.D  
 Acq: 18 Jul 2022 18:09

Tgt Ion: 63 Resp: 137821  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.6 10.9  
 100 4.2 2.1 6.5



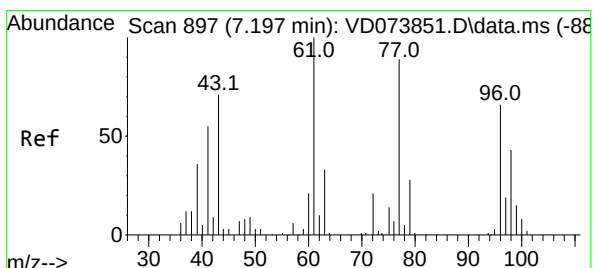
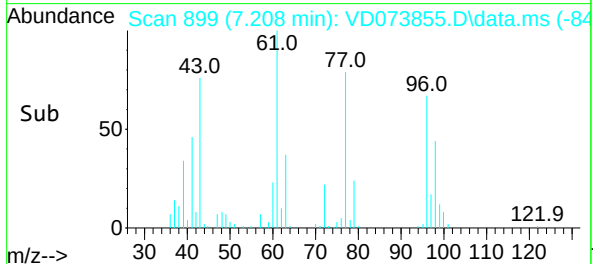
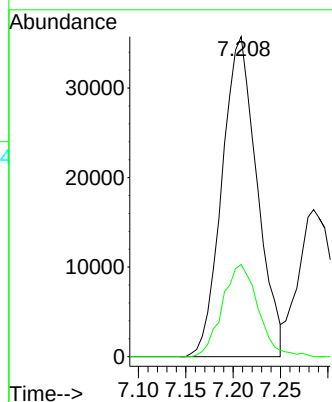
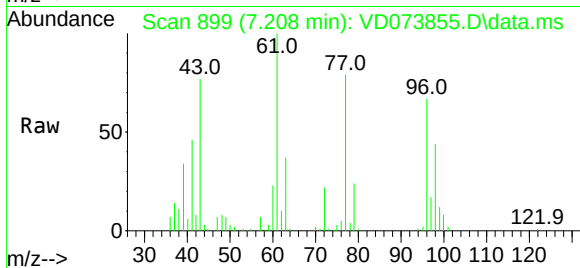




#25  
2-Butanone  
Concen: 241.611 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

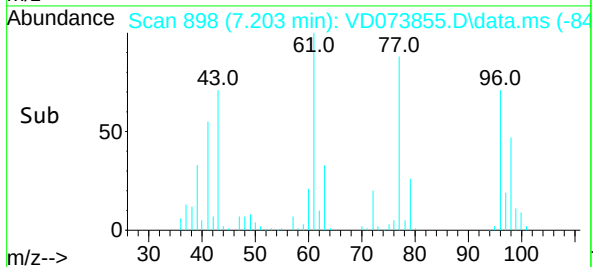
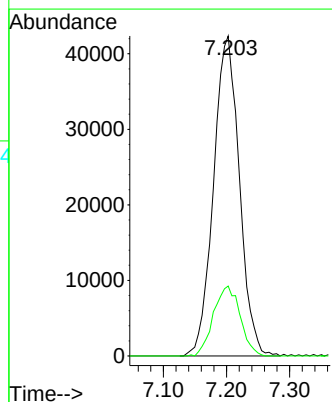
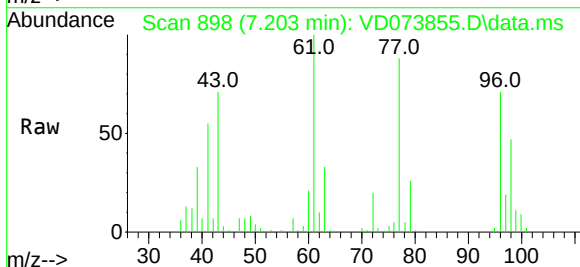
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

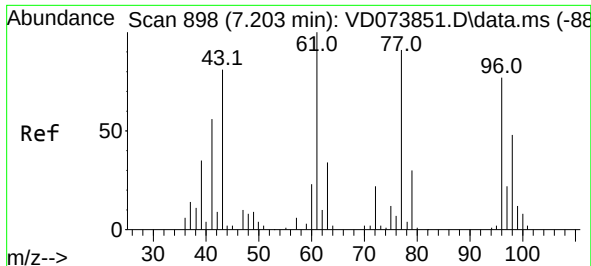
Tgt Ion: 43 Resp: 92047  
Ion Ratio Lower Upper  
43 100  
72 28.8 18.6 27.8#



#26  
2,2-Dichloropropane  
Concen: 47.457 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. 0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 77 Resp: 120362  
Ion Ratio Lower Upper  
77 100  
97 22.5 10.8 32.4



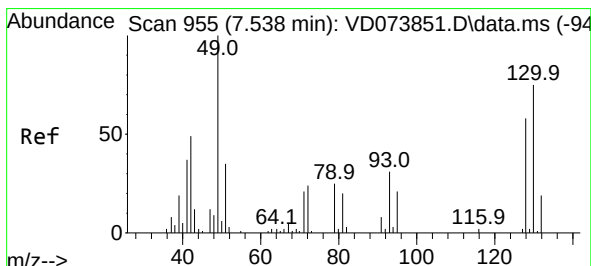
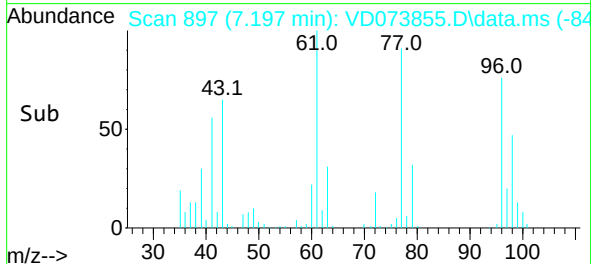
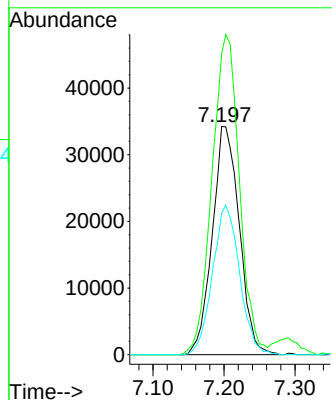
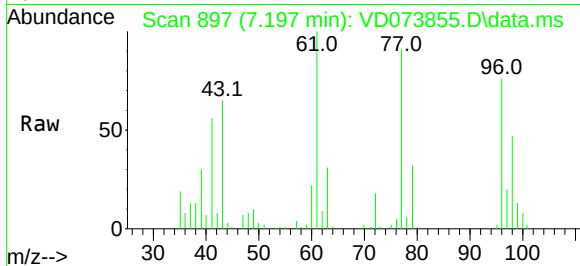


#27  
 cis-1,2-Dichloroethene  
 Concen: 48.704 ug/l  
 RT: 7.197 min Scan# 897  
 Delta R.T. -0.006 min  
 Lab File: VD073855.D  
 Acq: 18 Jul 2022 18:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 ICVVD071822

Tgt Ion: 96 Resp: 90234

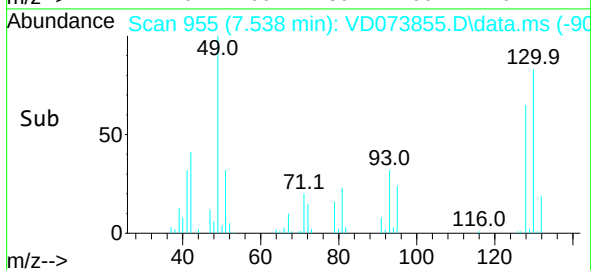
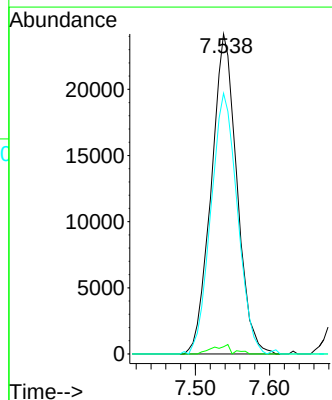
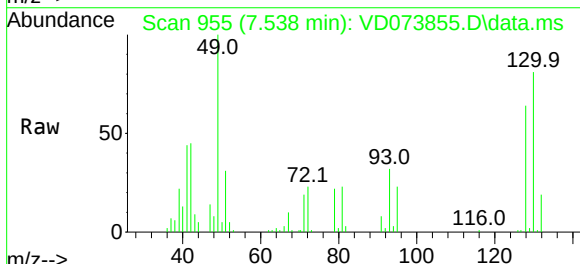
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 142.5 | 0.0   | 313.8 |
| 98  | 65.7  | 0.0   | 128.8 |

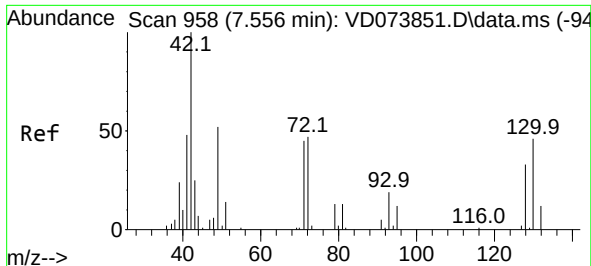


#28  
 Bromochloromethane  
 Concen: 54.089 ug/l  
 RT: 7.538 min Scan# 955  
 Delta R.T. -0.000 min  
 Lab File: VD073855.D  
 Acq: 18 Jul 2022 18:09

Tgt Ion: 49 Resp: 57959

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.1   | 0.0   | 4.0   |
| 130 | 84.1  | 52.6  | 79.0  |





#29

Tetrahydrofuran

Concen: 267.422 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

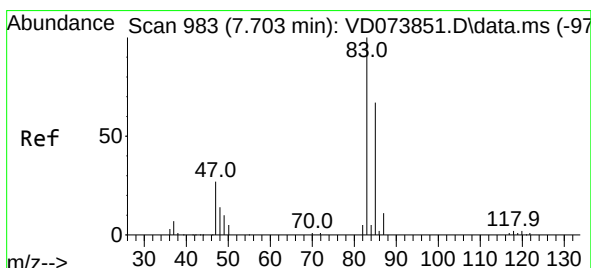
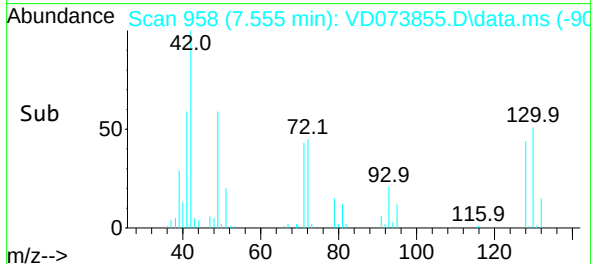
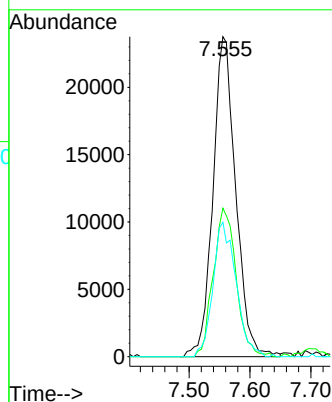
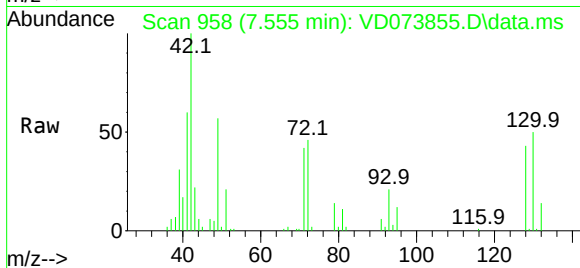
MSVOA\_D

ClientSampleId :

ICVVD071822

Tgt Ion: 42 Resp: 61777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 46.6  | 30.7  | 46.1# |
| 71  | 42.5  | 28.6  | 43.0  |



#30

Chloroform

Concen: 49.311 ug/l

RT: 7.703 min Scan# 983

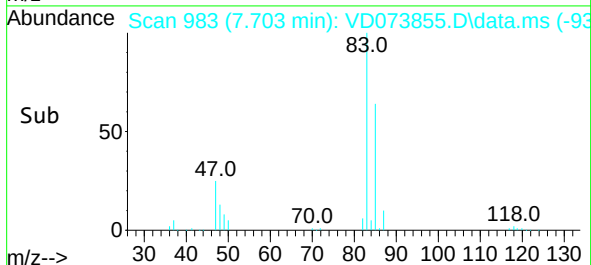
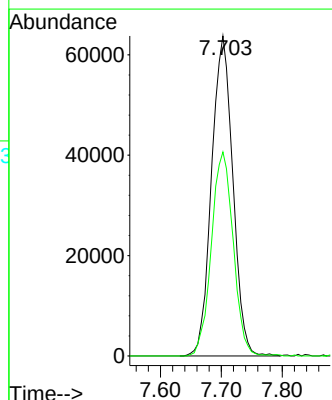
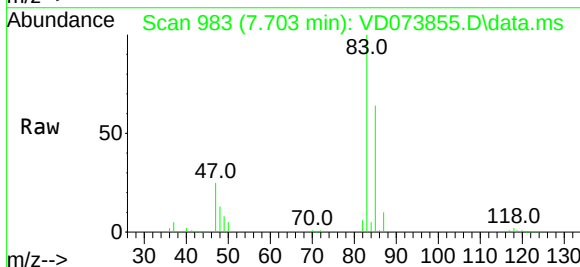
Delta R.T. -0.000 min

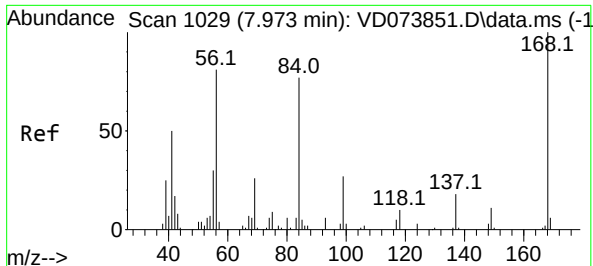
Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Tgt Ion: 83 Resp: 155016

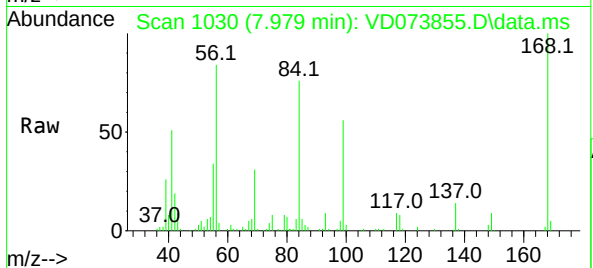
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.8  | 52.7  | 79.1  |



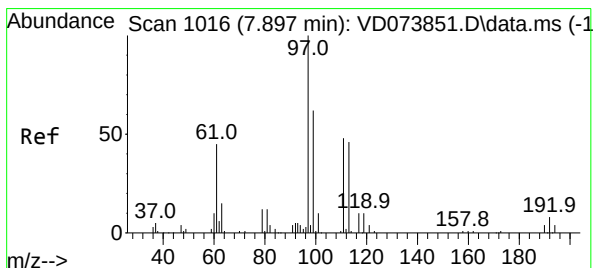
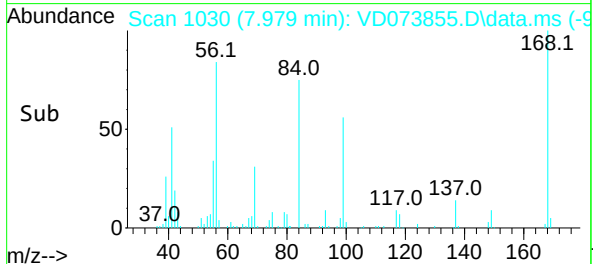
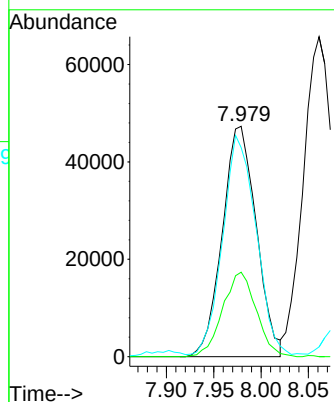


#31  
Cyclohexane  
Concen: 45.486 ug/l  
RT: 7.979 min Scan# 1029  
Delta R.T. 0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

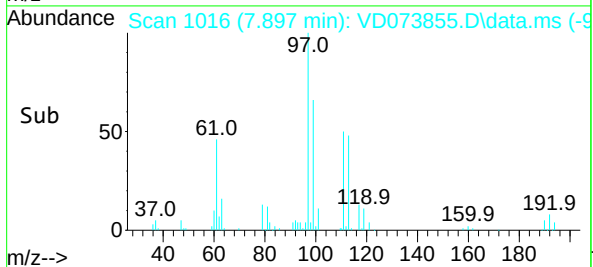
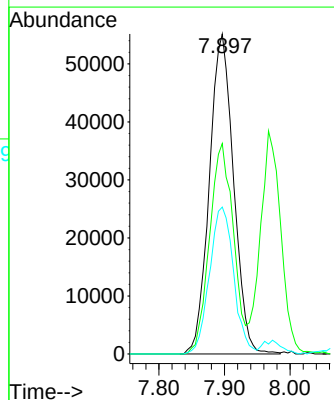
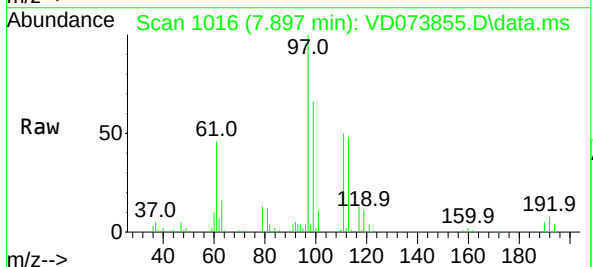


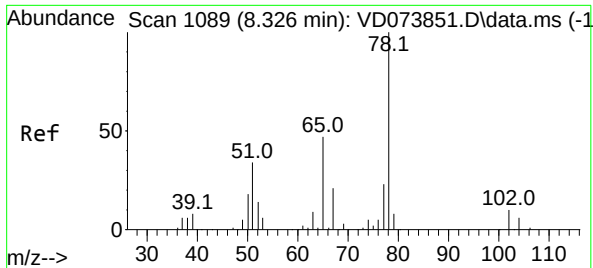
Tgt Ion: 56 Resp: 118226  
Ion Ratio Lower Upper  
56 100  
69 36.7 25.4 38.2  
84 89.1 63.0 94.4



#32  
1,1,1-Trichloroethane  
Concen: 48.366 ug/l  
RT: 7.897 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 97 Resp: 141456  
Ion Ratio Lower Upper  
97 100  
99 64.6 52.4 78.6  
61 45.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 49.186 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

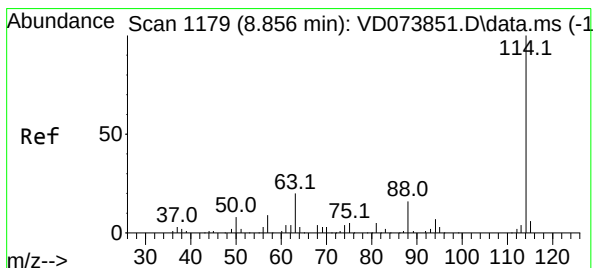
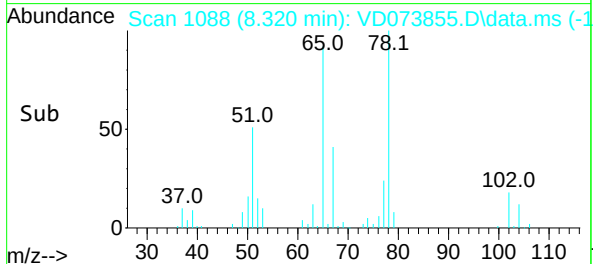
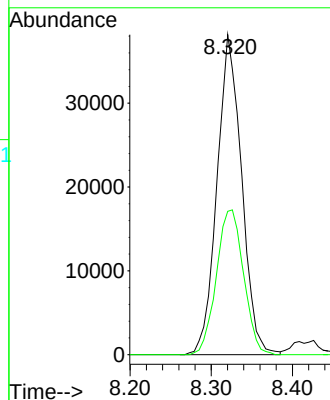
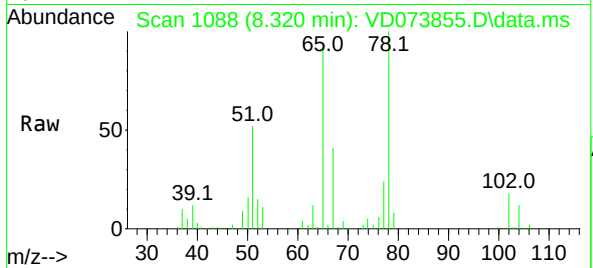
ICVVD071822

Tgt Ion: 65 Resp: 80457

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

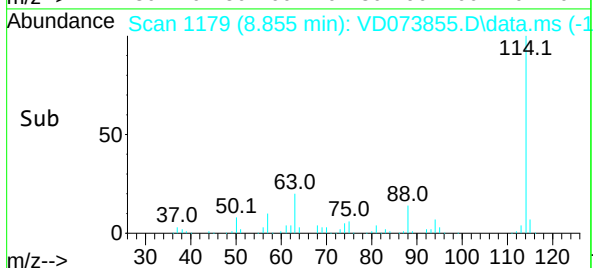
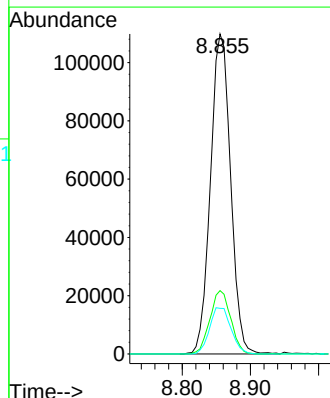
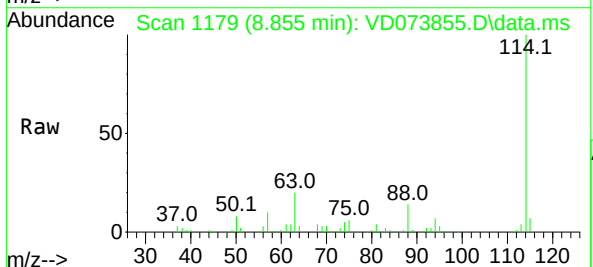
Tgt Ion: 114 Resp: 225856

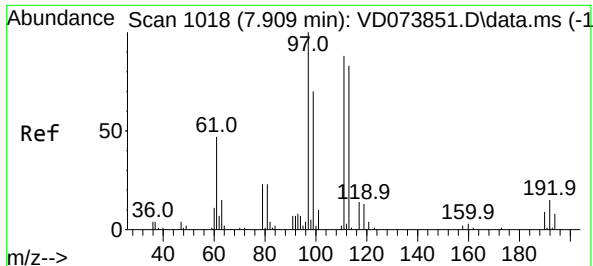
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 14.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.828 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

ICVVD071822

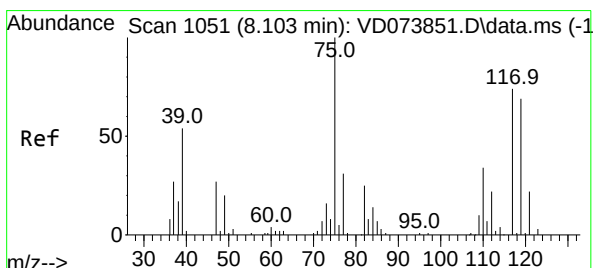
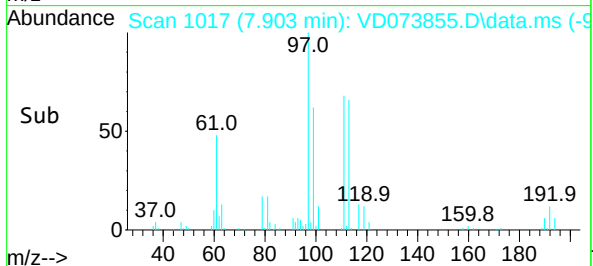
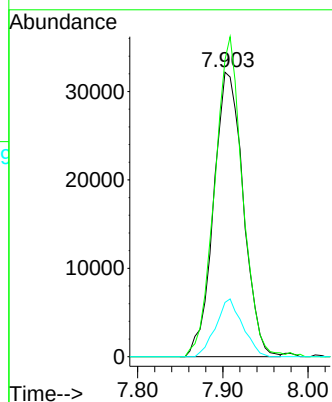
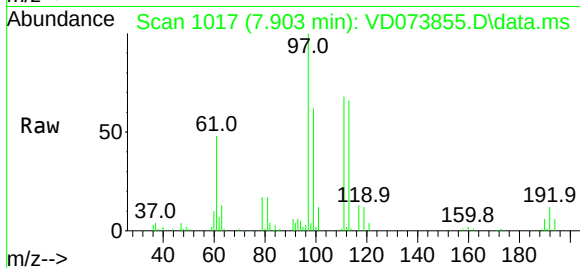
Tgt Ion:113 Resp: 77801

Ion Ratio Lower Upper

113 100

111 105.9 83.8 125.6

192 18.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 49.991 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

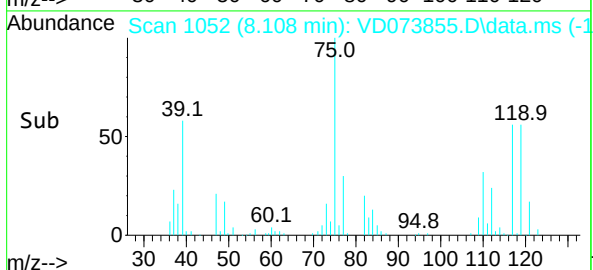
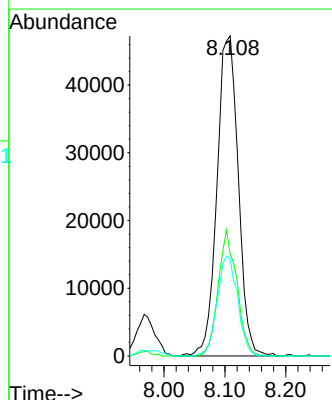
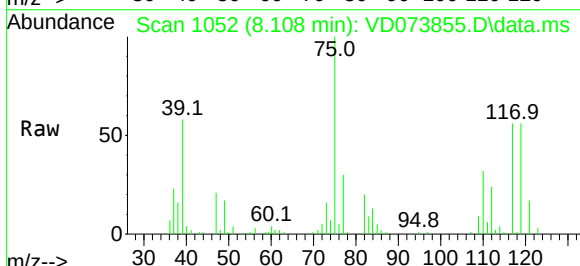
Tgt Ion: 75 Resp: 114911

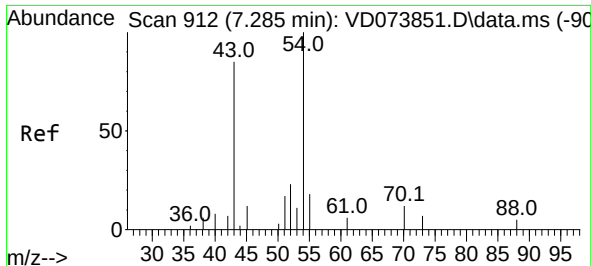
Ion Ratio Lower Upper

75 100

110 34.5 16.4 49.1

77 29.9 24.2 36.2





#37

Ethyl Acetate

Concen: 52.367 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

ICVVD071822

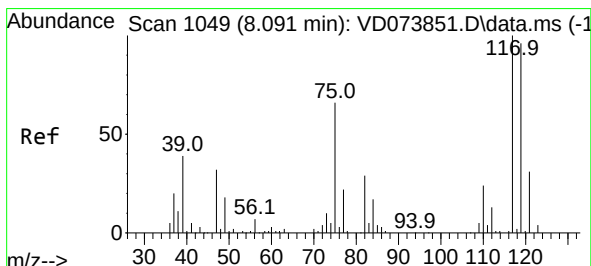
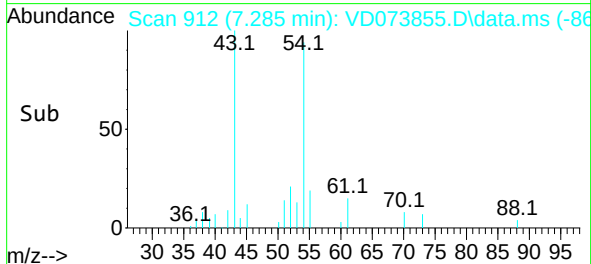
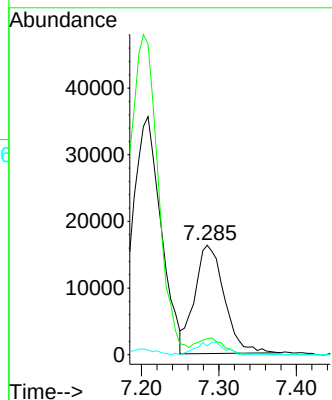
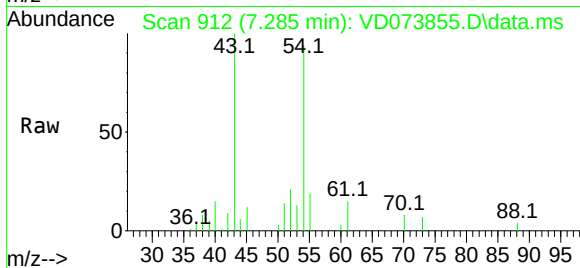
Tgt Ion: 43 Resp: 43283

Ion Ratio Lower Upper

43 100

61 13.8 9.8 14.8

70 10.8 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 49.504 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

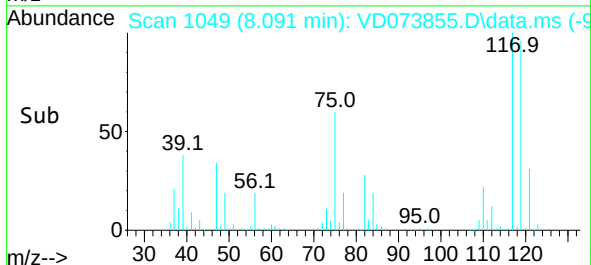
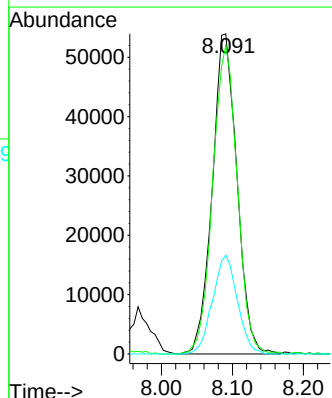
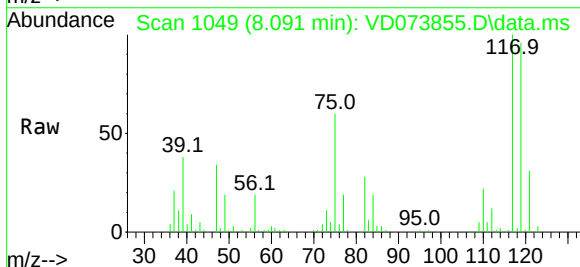
Tgt Ion: 117 Resp: 129953

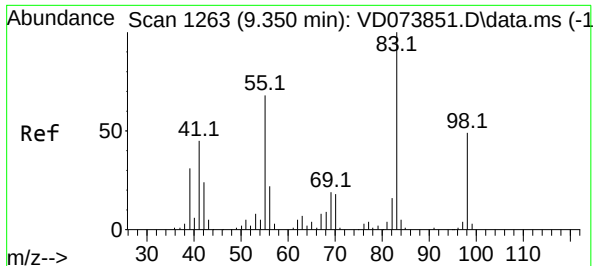
Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.6

121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 50.000 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

ICVVD071822

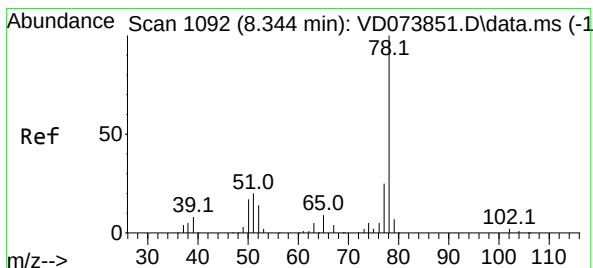
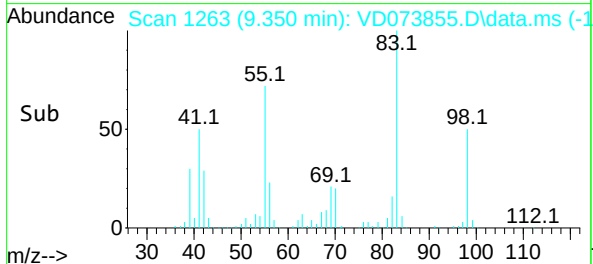
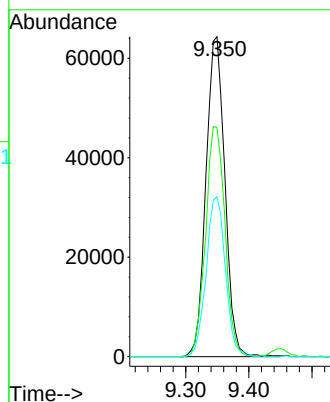
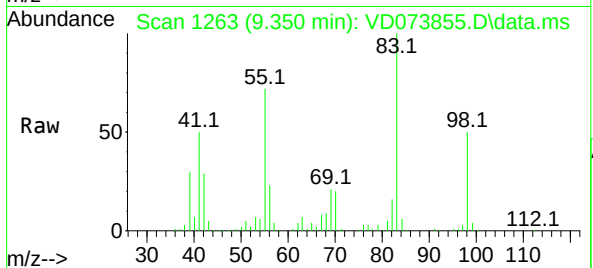
Tgt Ion: 83 Resp: 133971

Ion Ratio Lower Upper

83 100

55 71.6 63.2 94.8

98 50.0 38.2 57.4



#40

Benzene

Concen: 51.009 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073855.D

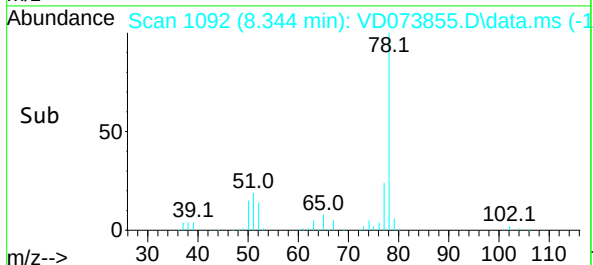
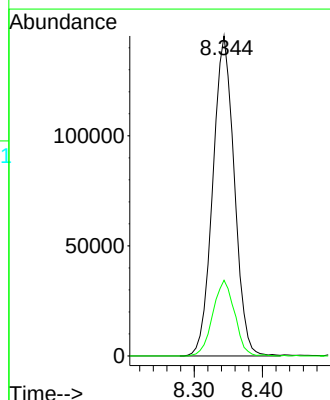
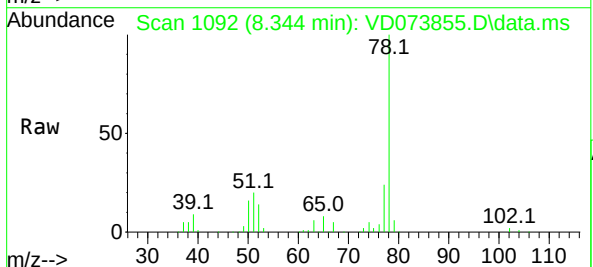
Acq: 18 Jul 2022 18:09

Tgt Ion: 78 Resp: 319005

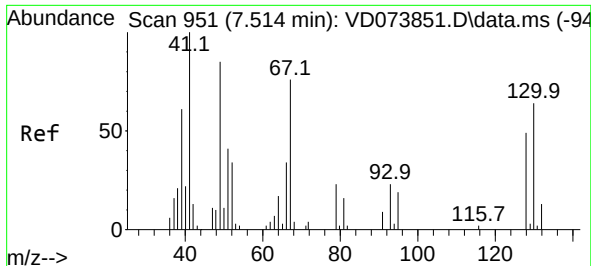
Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7



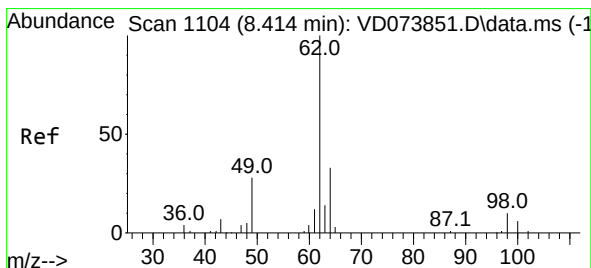
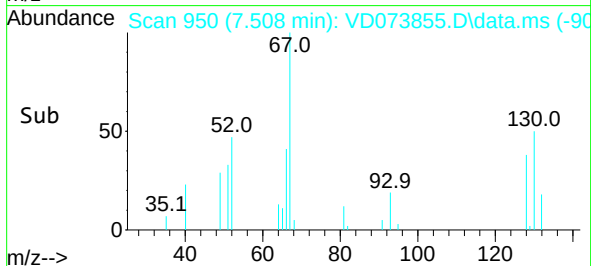
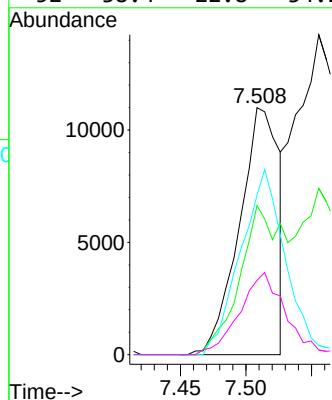
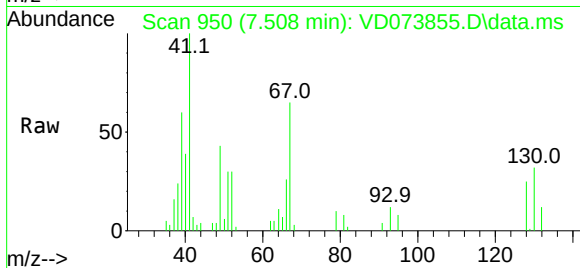




#41  
Methacrylonitrile  
Concen: 44.836 ug/l  
RT: 7.508 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

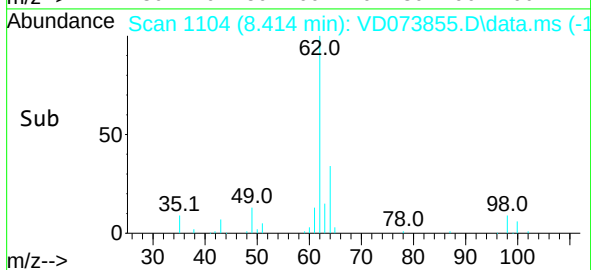
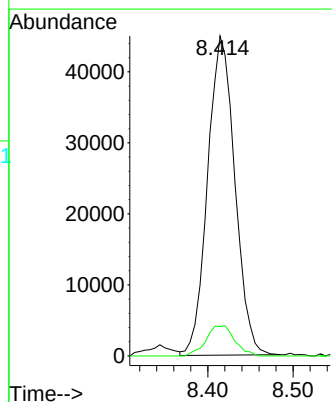
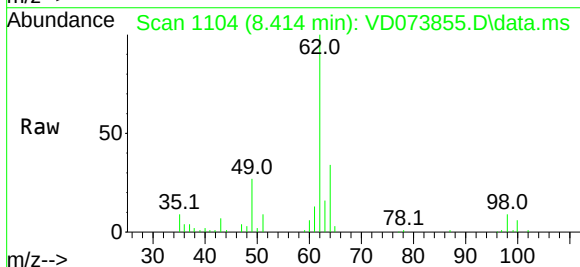
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

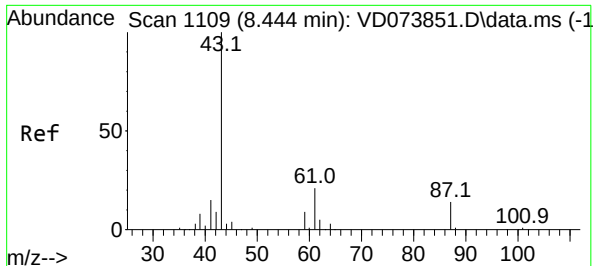
Tgt Ion: 41 Resp: 23029  
Ion Ratio Lower Upper  
41 100  
39 66.5 44.6 67.0  
67 85.0 48.2 72.4#  
52 38.4 22.8 34.2#



#42  
1,2-Dichloroethane  
Concen: 52.144 ug/l  
RT: 8.414 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 62 Resp: 99805  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 17.6

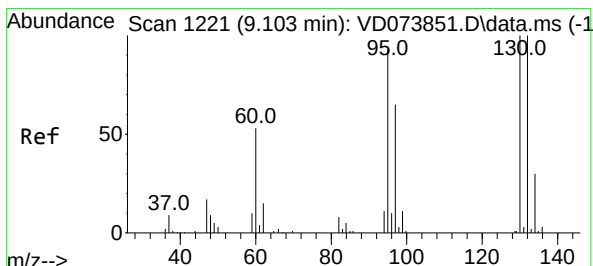
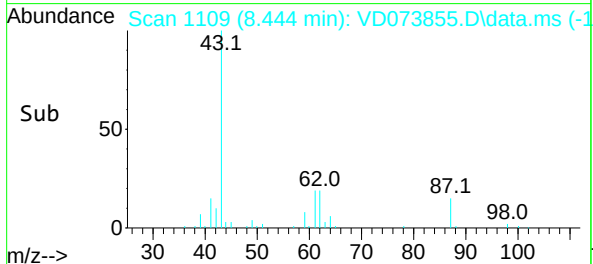
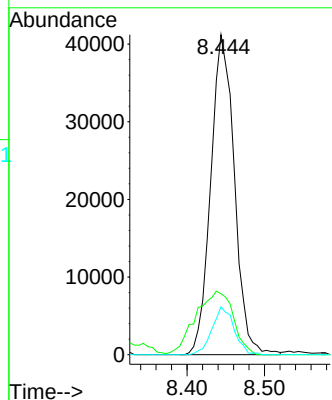
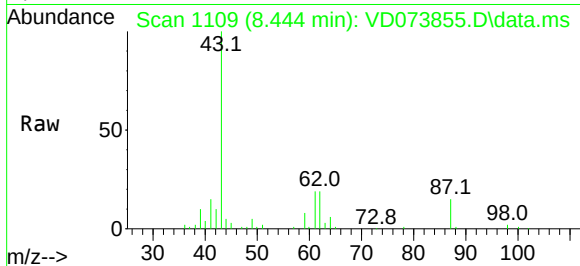




#43  
Isopropyl Acetate  
Concen: 52.988 ug/l  
RT: 8.444 min Scan# 1109  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

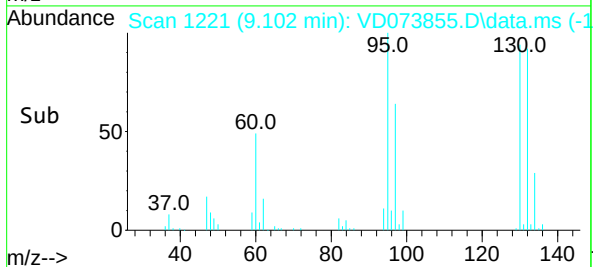
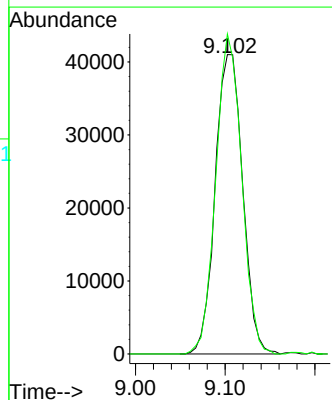
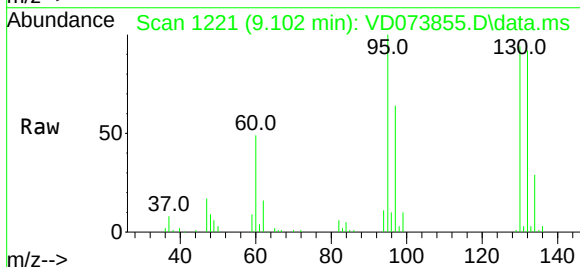
Instrument : MSVOA\_D  
ClientSampleId : ICVVD071822

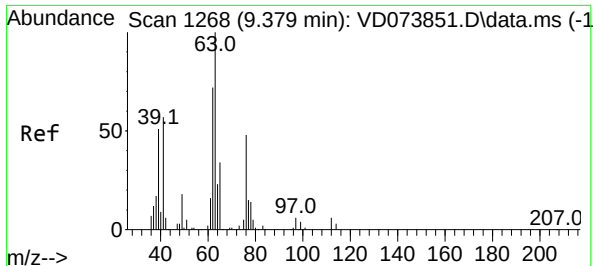
Tgt Ion: 43 Resp: 87523  
Ion Ratio Lower Upper  
43 100  
61 31.5 22.4 33.6  
87 13.9 8.7 13.1#



#44  
Trichloroethene  
Concen: 50.122 ug/l  
RT: 9.102 min Scan# 1221  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion:130 Resp: 87480  
Ion Ratio Lower Upper  
130 100  
95 106.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 50.651 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

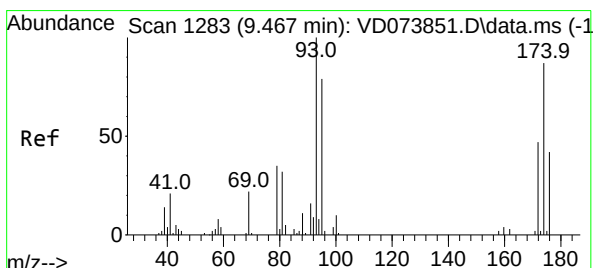
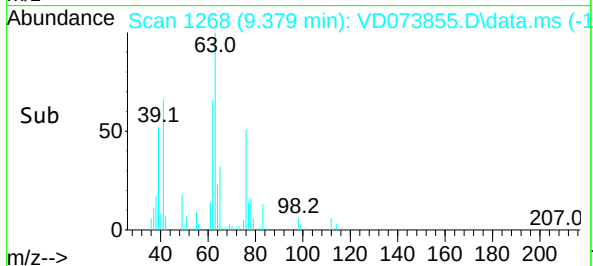
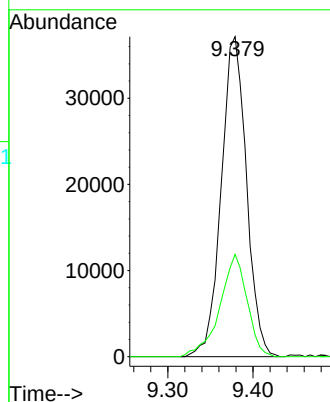
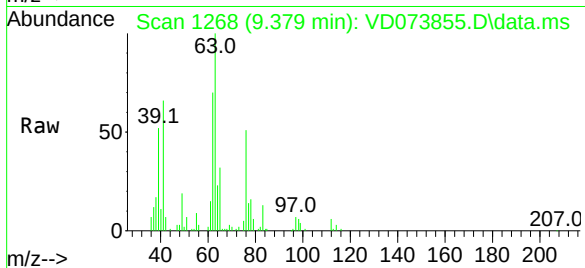
ICVVD071822

Tgt Ion: 63 Resp: 76565

Ion Ratio Lower Upper

63 100

65 31.9 26.2 39.4



#46

Dibromomethane

Concen: 52.335 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

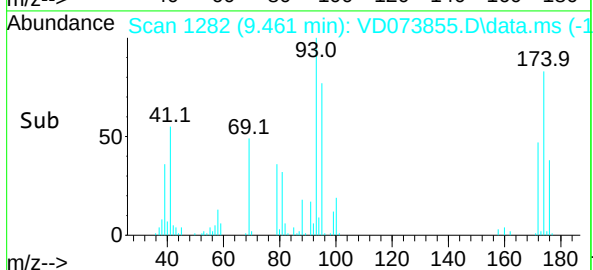
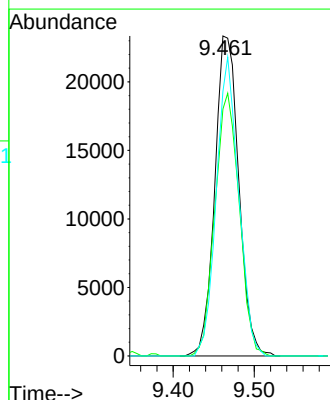
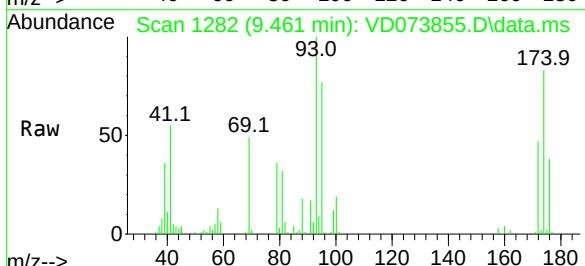
Tgt Ion: 93 Resp: 47986

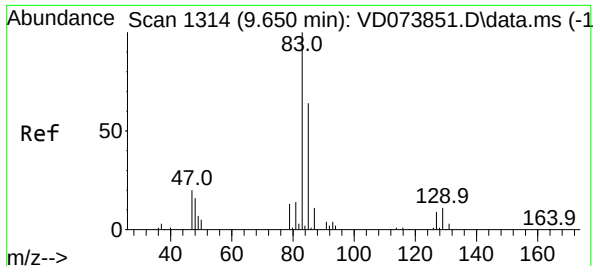
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

174 86.7 71.6 107.4

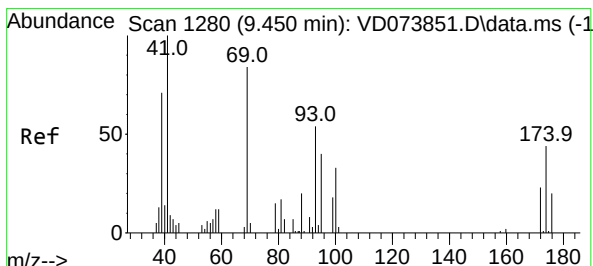
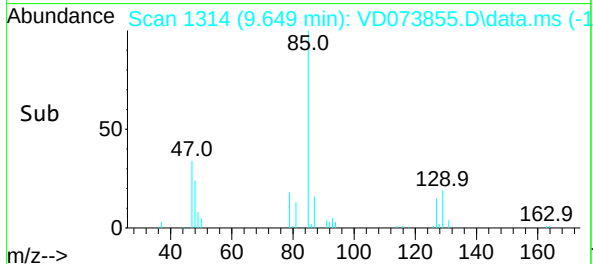
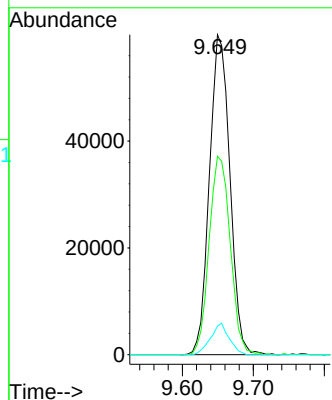
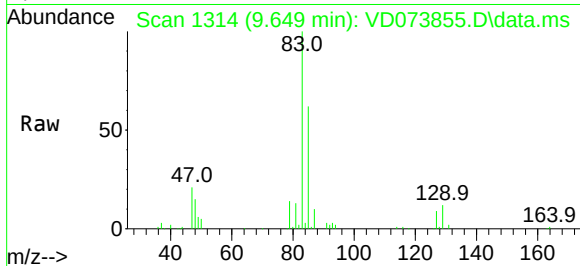




#47  
Bromodichloromethane  
Concen: 50.432 ug/l  
RT: 9.649 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

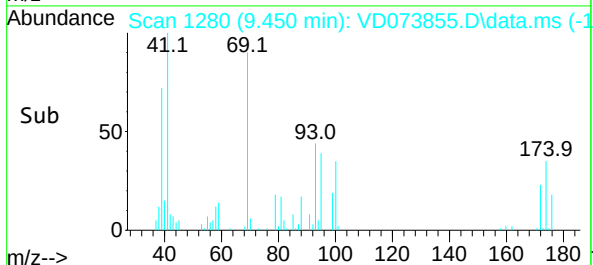
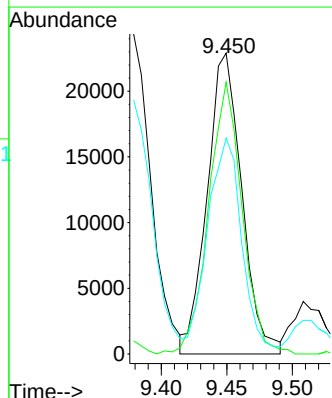
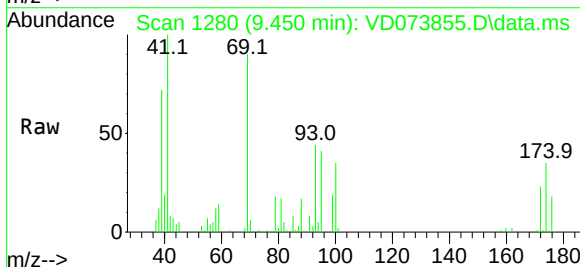
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

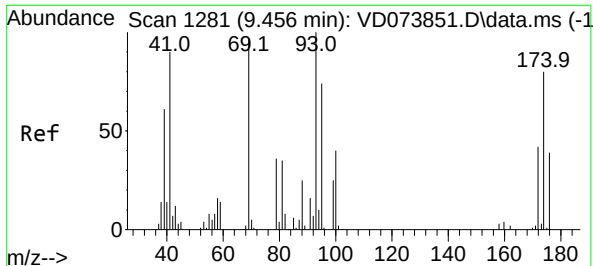
Tgt Ion: 83 Resp: 119725  
Ion Ratio Lower Upper  
83 100  
85 62.0 51.4 77.0  
127 8.9 6.1 9.1



#48  
Methyl methacrylate  
Concen: 51.892 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 41 Resp: 42024  
Ion Ratio Lower Upper  
41 100  
69 87.6 56.7 85.1#  
39 66.0 42.7 64.1#





#49

1,4-Dioxane

Concen: 1101.349 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

ICVVD071822

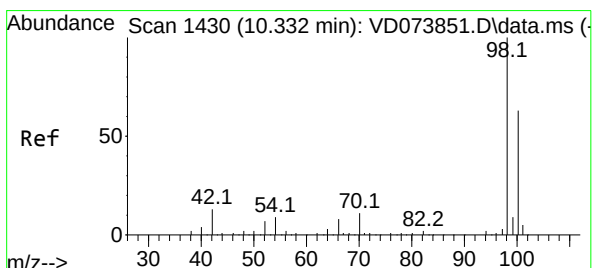
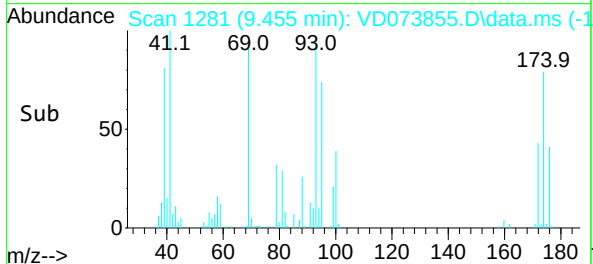
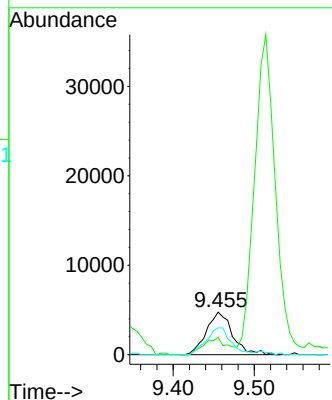
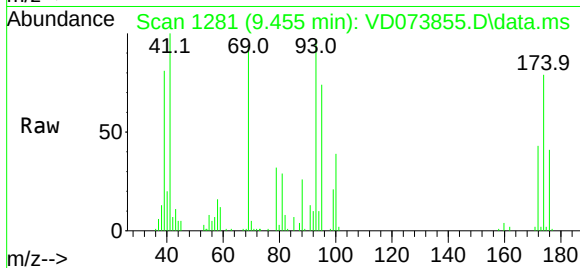
Tgt Ion: 88 Resp: 10566

Ion Ratio Lower Upper

88 100

43 34.5 31.0 46.4

58 59.5 58.1 87.1



#50

Toluene-d8

Concen: 50.745 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073855.D

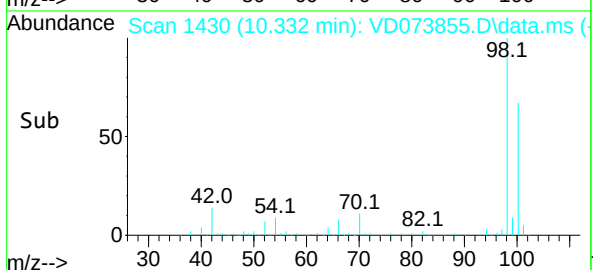
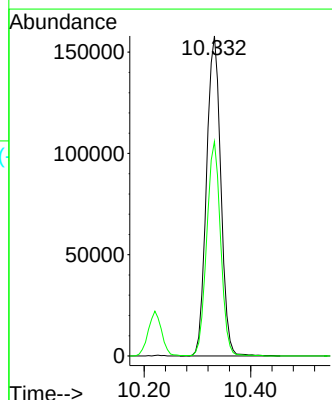
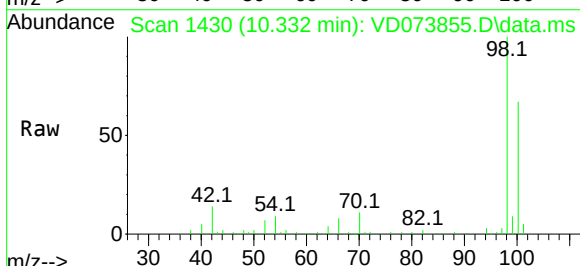
Acq: 18 Jul 2022 18:09

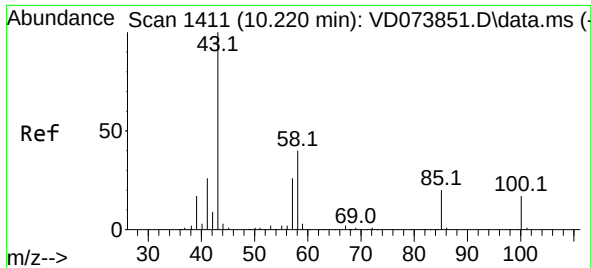
Tgt Ion: 98 Resp: 293521

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6

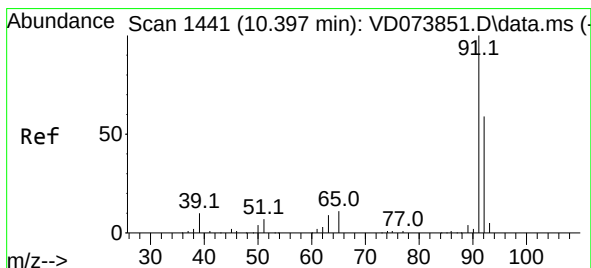
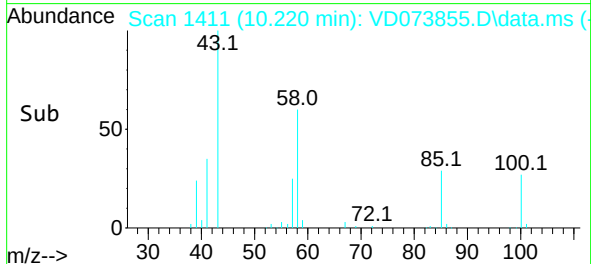
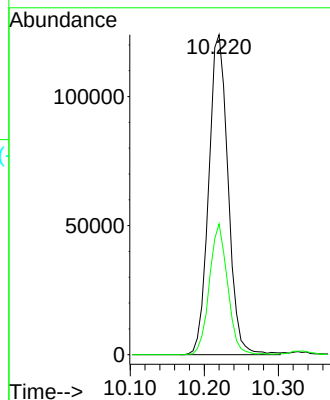
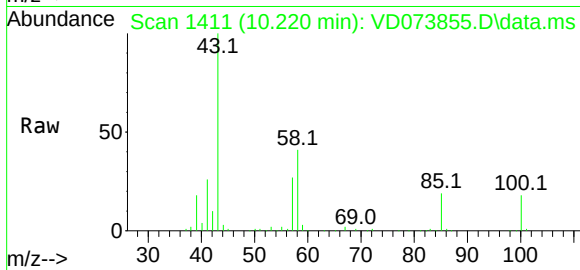




#51  
4-Methyl-2-Pentanone  
Concen: 272.426 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

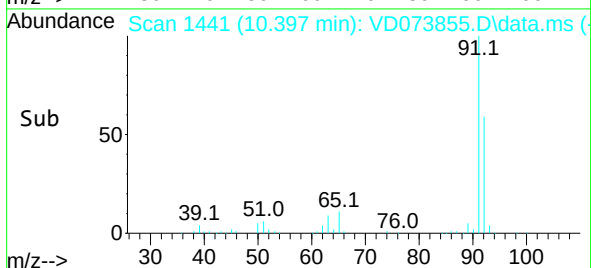
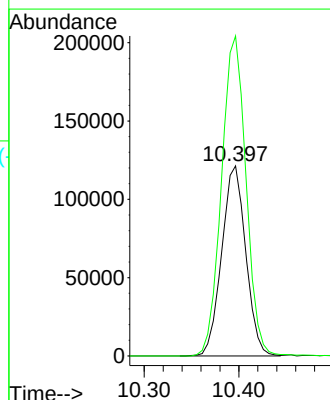
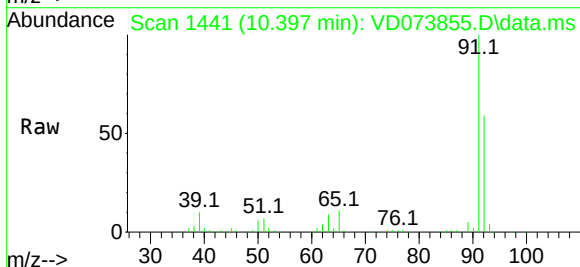
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

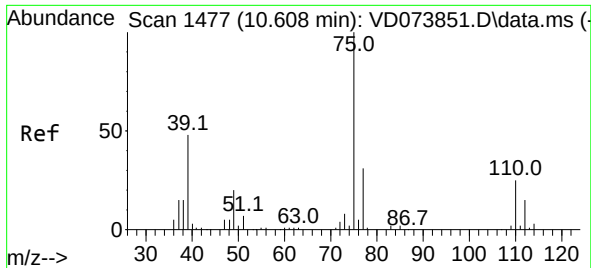
Tgt Ion: 43 Resp: 224959  
Ion Ratio Lower Upper  
43 100  
58 38.5 28.6 43.0



#52  
Toluene  
Concen: 50.936 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 92 Resp: 214390  
Ion Ratio Lower Upper  
92 100  
91 171.7 139.6 209.4

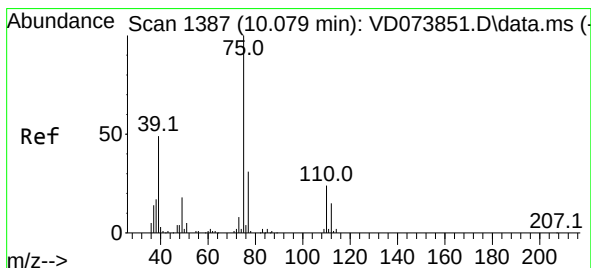
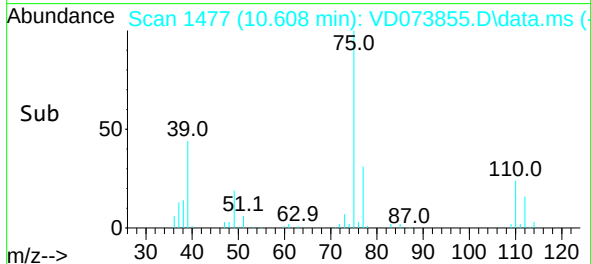
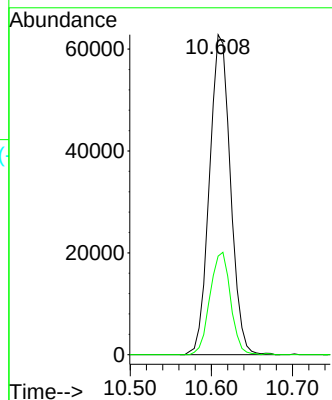
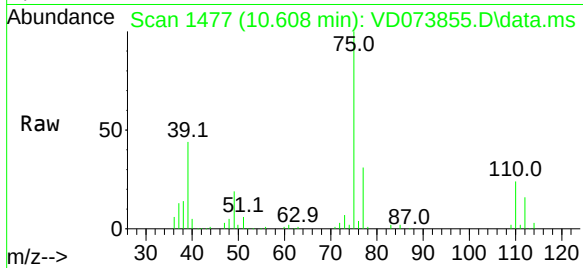




#53  
 t-1,3-Dichloropropene  
 Concen: 53.817 ug/l  
 RT: 10.608 min Scan# 1477  
 Delta R.T. -0.000 min  
 Lab File: VD073855.D  
 Acq: 18 Jul 2022 18:09

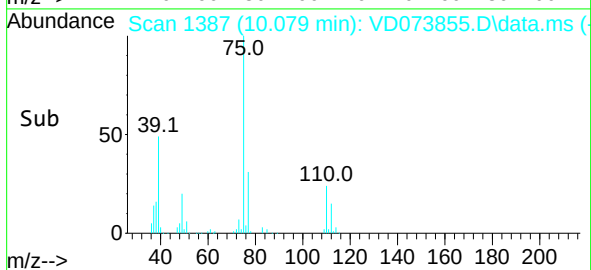
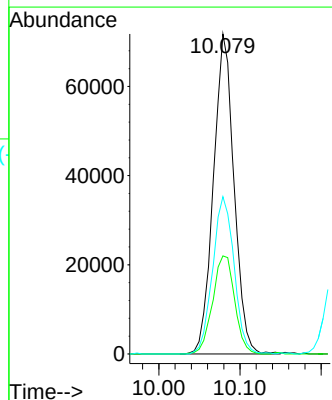
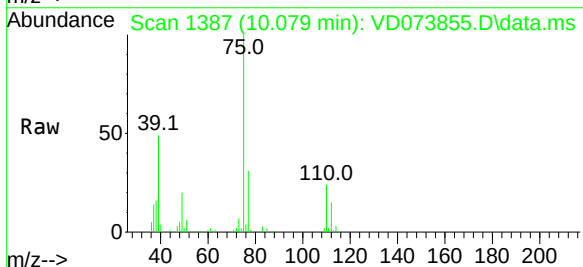
Instrument : MSVOA\_D  
 ClientSampleId : ICVVD071822

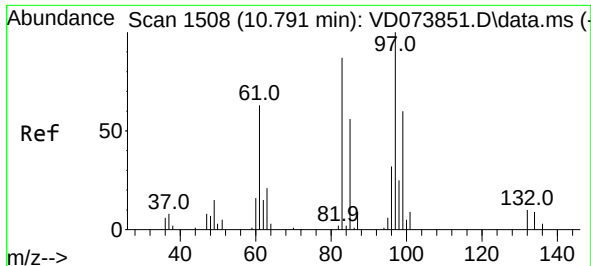
Tgt Ion: 75 Resp: 112789  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.197 ug/l  
 RT: 10.079 min Scan# 1387  
 Delta R.T. -0.000 min  
 Lab File: VD073855.D  
 Acq: 18 Jul 2022 18:09

Tgt Ion: 75 Resp: 126579  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 24.8 37.2  
 39 49.2 46.8 70.2

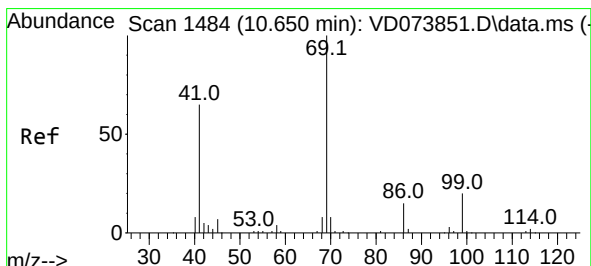
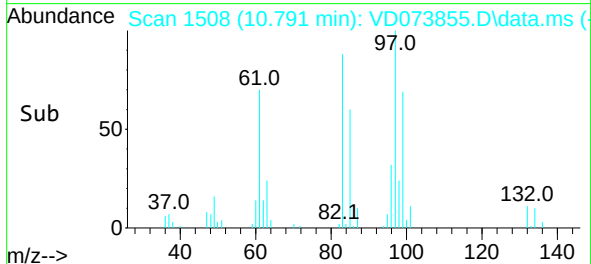
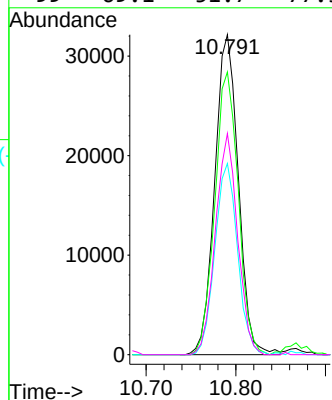
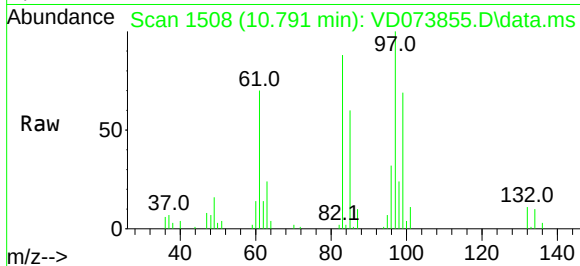




#55  
1,1,2-Trichloroethane  
Concen: 50.260 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

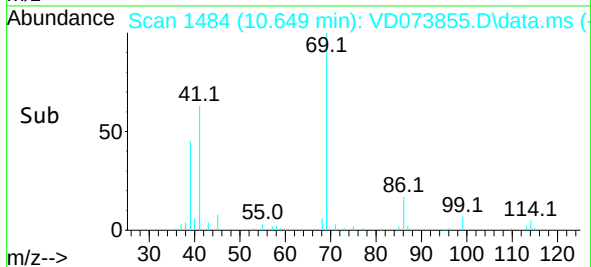
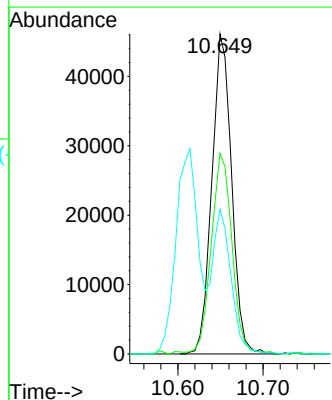
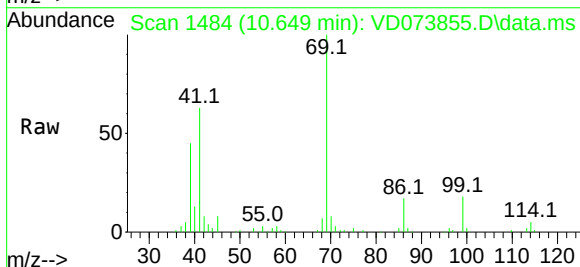
Instrument : MSVOA\_D  
ClientSampleId : ICVVD071822

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 58619 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 88.3     | 69.0 103.4  |
| 85 59.8     | 42.6 63.8   |
| 99 69.1     | 51.7 77.5   |

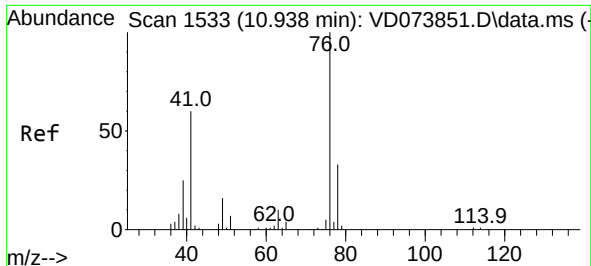


#56  
Ethyl methacrylate  
Concen: 54.993 ug/l  
RT: 10.649 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 74255 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 66.4     | 63.0 94.6   |
| 39 43.1     | 33.8 50.8   |







#57

1,3-Dichloropropane

Concen: 52.076 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

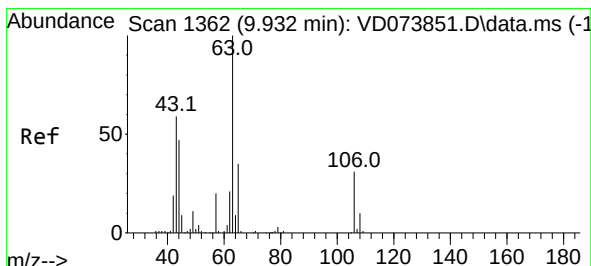
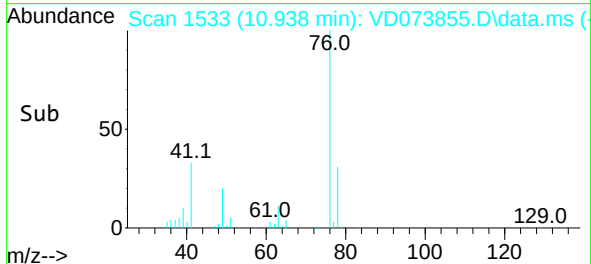
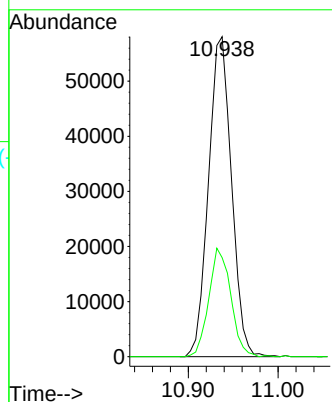
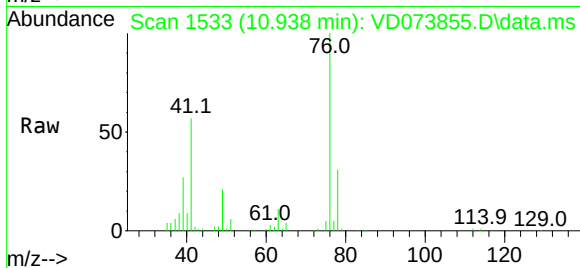
ICVVD071822

Tgt Ion: 76 Resp: 103293

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 271.134 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073855.D

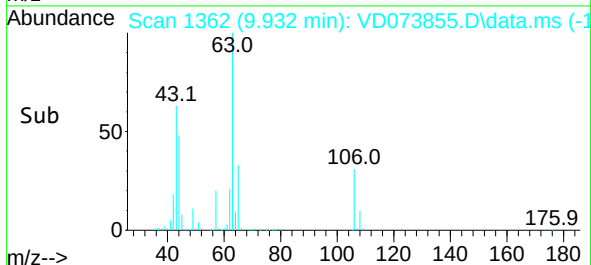
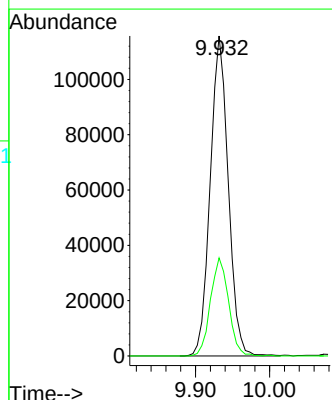
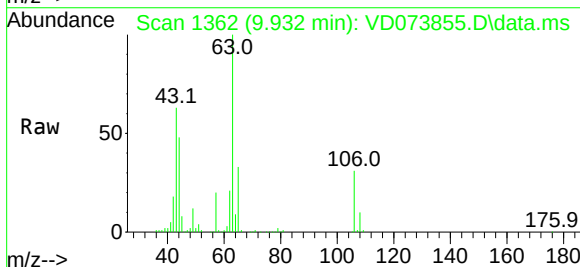
Acq: 18 Jul 2022 18:09

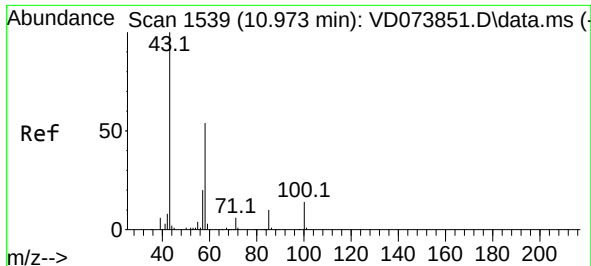
Tgt Ion: 63 Resp: 195763

Ion Ratio Lower Upper

63 100

106 30.7 21.4 32.0

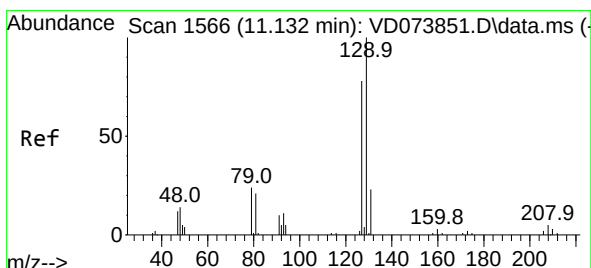
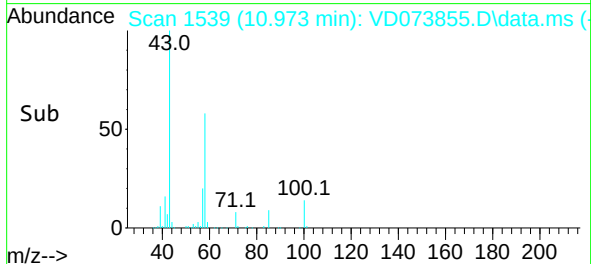
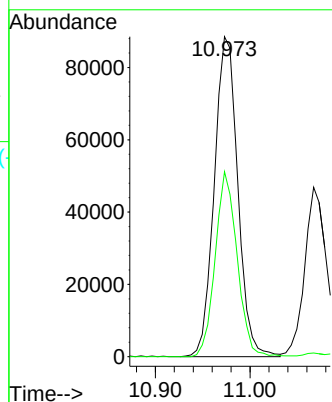
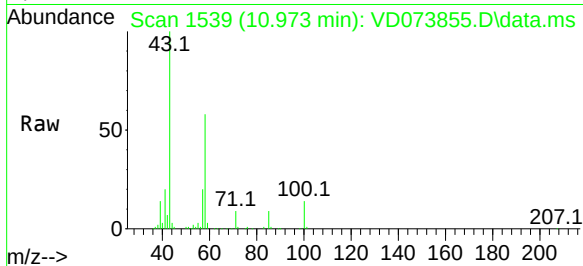




#59  
2-Hexanone  
Concen: 270.868 ug/l  
RT: 10.973 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

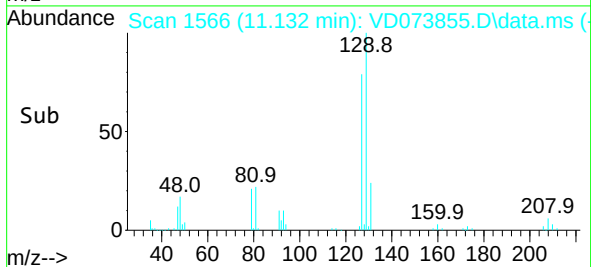
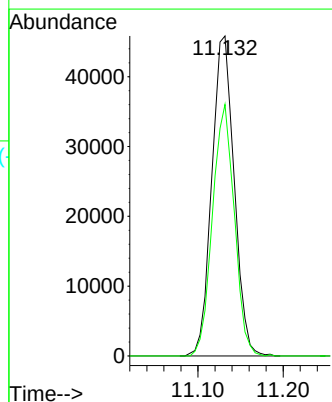
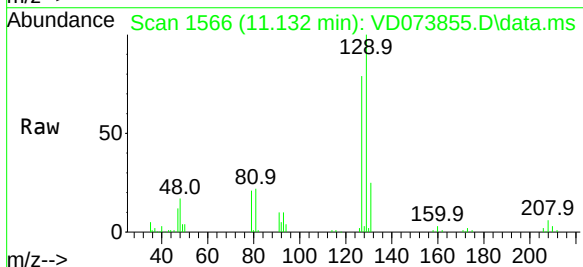
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

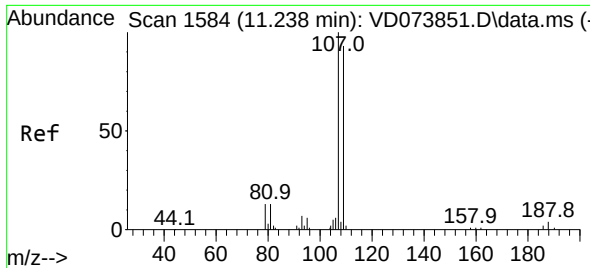
Tgt Ion: 43 Resp: 152835  
Ion Ratio Lower Upper  
43 100  
58 53.9 25.3 75.9



#60  
Dibromochloromethane  
Concen: 53.013 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion:129 Resp: 83759  
Ion Ratio Lower Upper  
129 100  
127 76.7 39.2 117.6

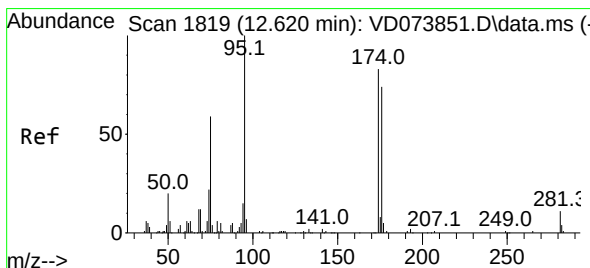
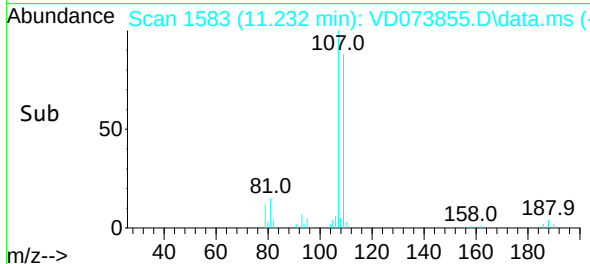
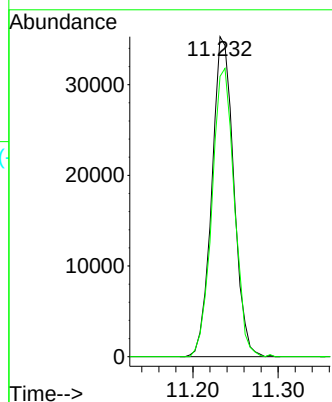
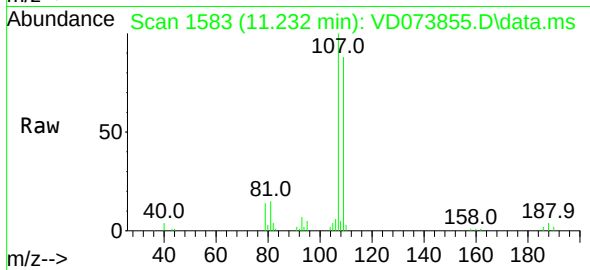




#61  
1,2-Dibromoethane  
Concen: 53.316 ug/l  
RT: 11.232 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

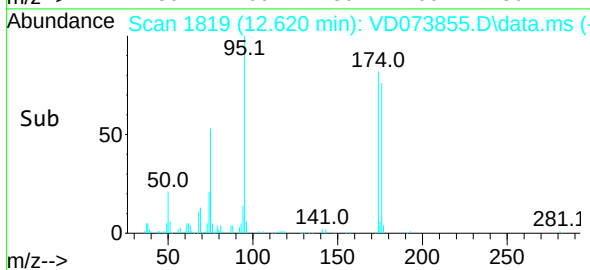
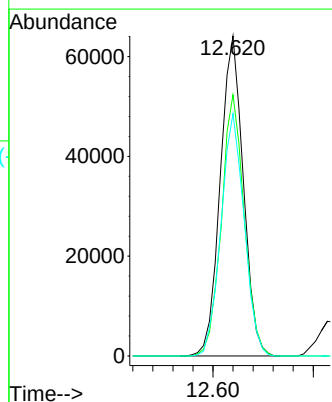
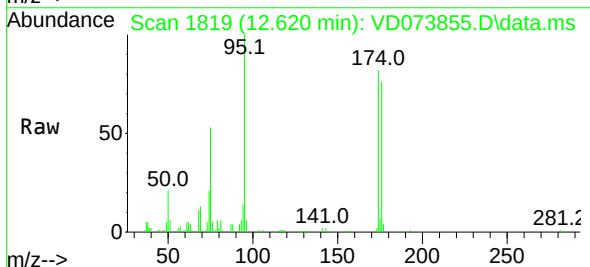
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

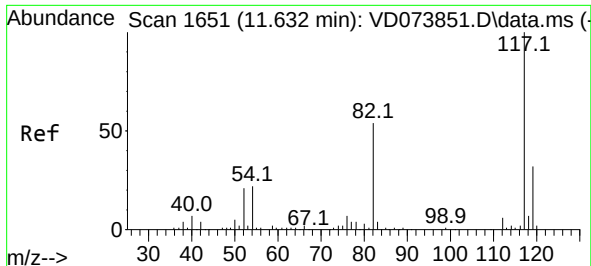
Tgt Ion:107 Resp: 62915  
Ion Ratio Lower Upper  
107 100  
109 91.8 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 51.303 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 95 Resp: 102029  
Ion Ratio Lower Upper  
95 100  
174 80.5 0.0 152.8  
176 76.2 0.0 145.4

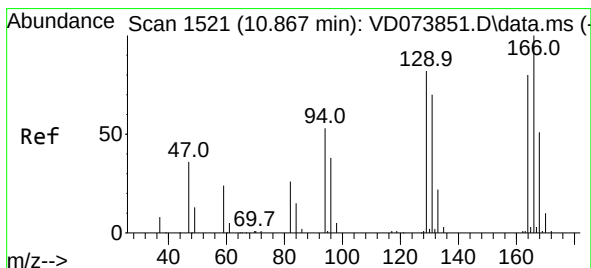
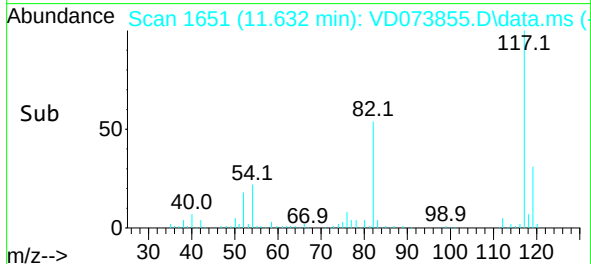
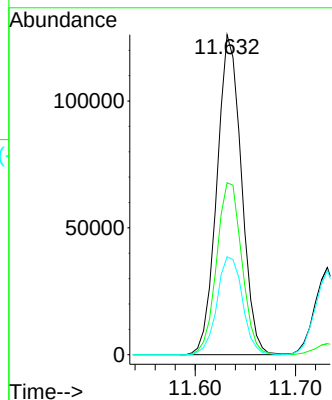
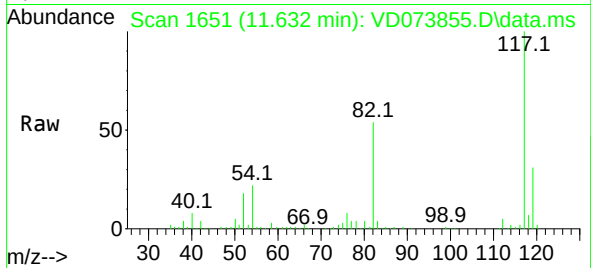




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.632 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

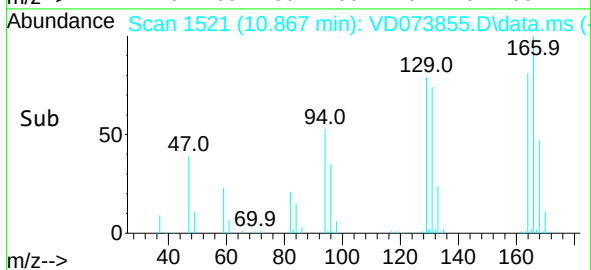
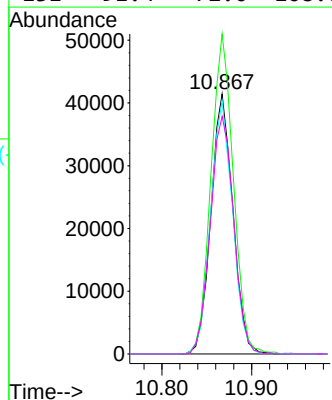
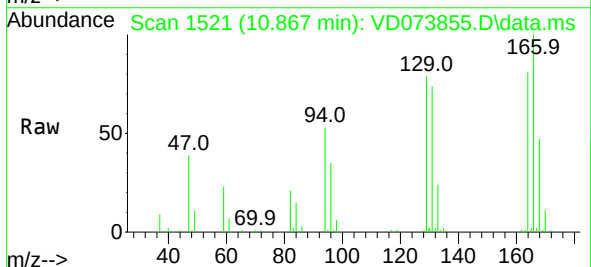
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

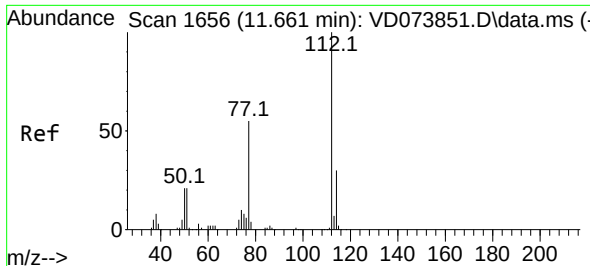
Tgt Ion:117 Resp: 213973  
Ion Ratio Lower Upper  
117 100  
82 53.8 45.3 67.9  
119 30.6 26.6 40.0



#64  
Tetrachloroethene  
Concen: 49.277 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion:164 Resp: 70322  
Ion Ratio Lower Upper  
164 100  
166 123.0 98.5 147.7  
129 97.2 74.6 111.8  
131 91.4 72.0 108.0

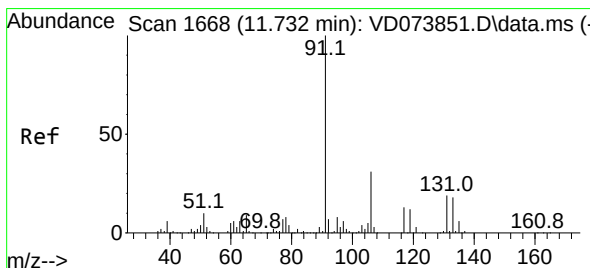
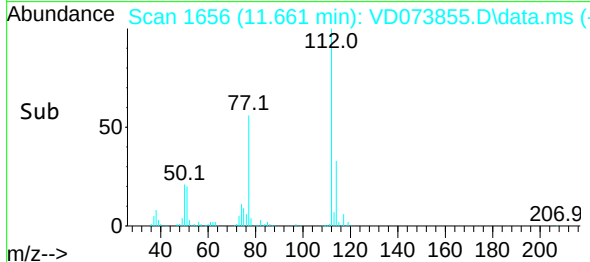
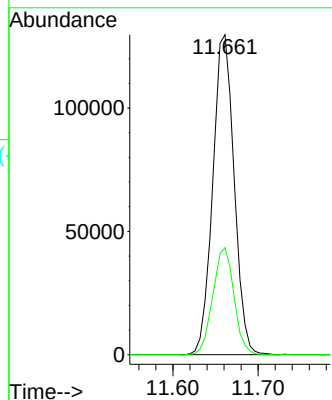
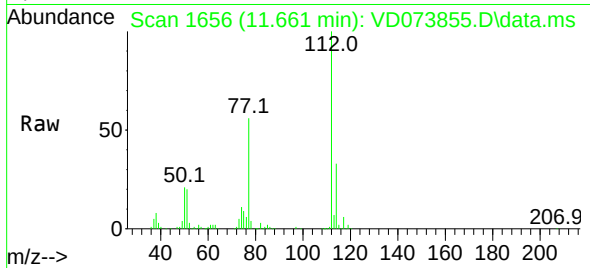




#65  
Chlorobenzene  
Concen: 51.377 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

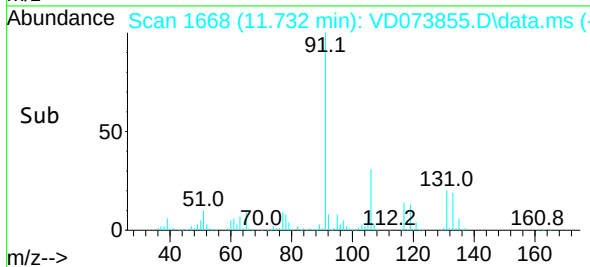
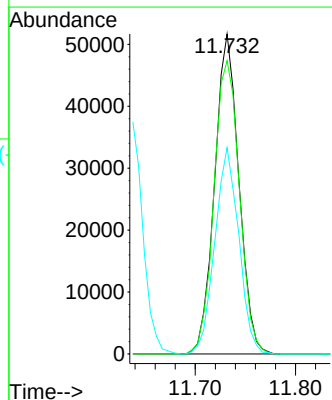
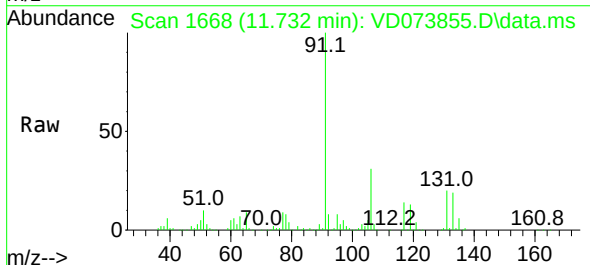
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

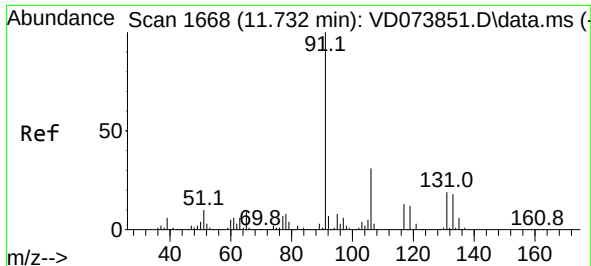
Tgt Ion:112 Resp: 226416  
Ion Ratio Lower Upper  
112 100  
114 33.5 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.760 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion:131 Resp: 86687  
Ion Ratio Lower Upper  
131 100  
133 96.5 48.1 144.3  
119 63.8 31.9 95.9

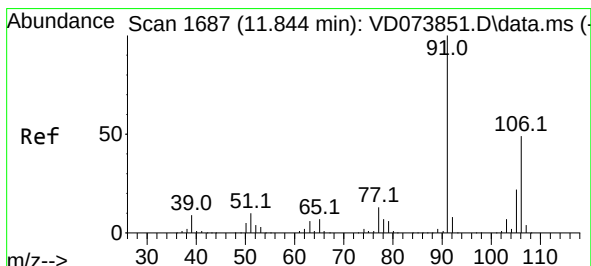
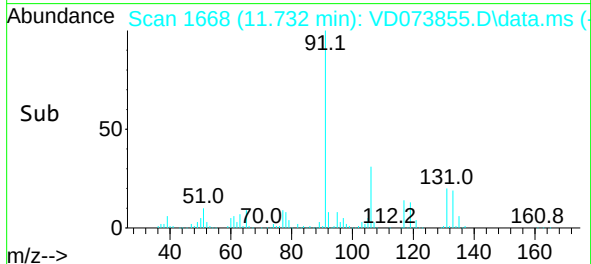
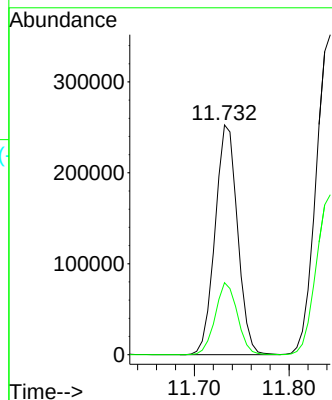
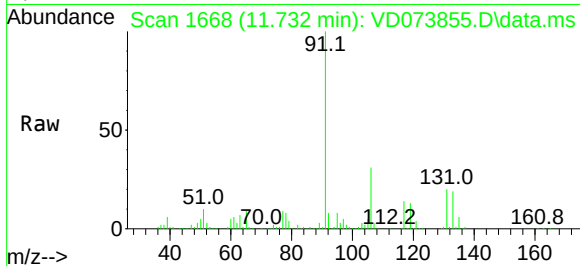




#67  
Ethyl Benzene  
Concen: 51.266 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

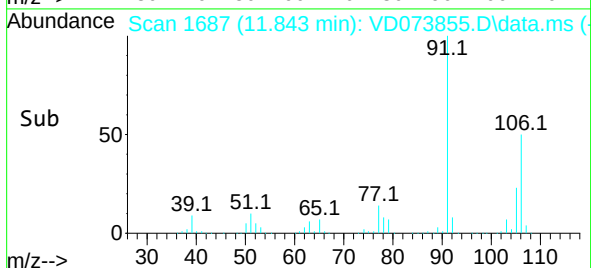
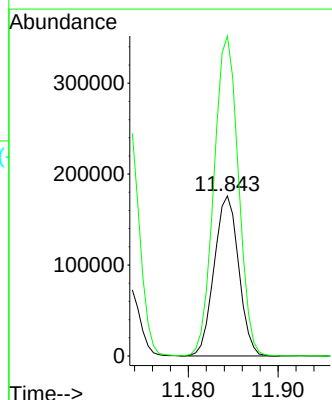
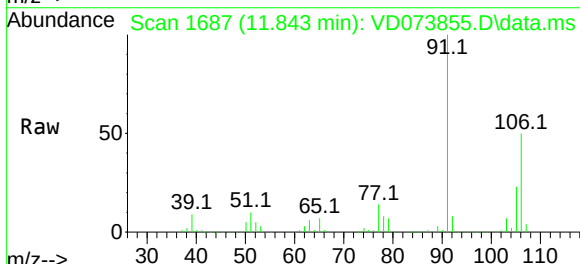
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

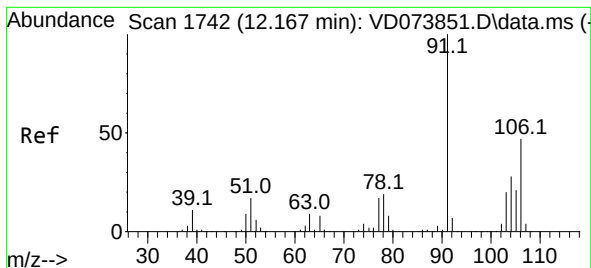
Tgt Ion: 91 Resp: 417130  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.2 36.4



#68  
m/p-Xylenes  
Concen: 105.049 ug/l  
RT: 11.843 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion:106 Resp: 334091  
Ion Ratio Lower Upper  
106 100  
91 199.5 163.7 245.5





#69

o-Xylene

Concen: 51.022 ug/l

RT: 12.167 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

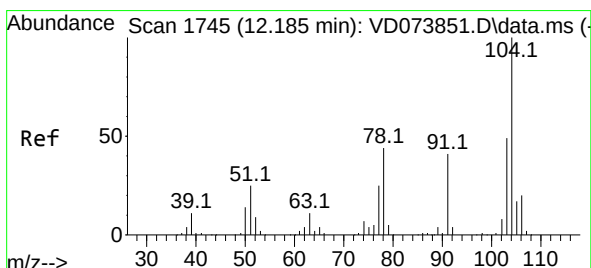
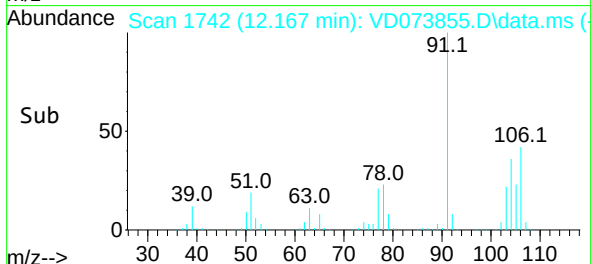
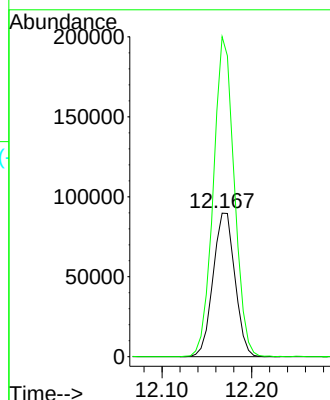
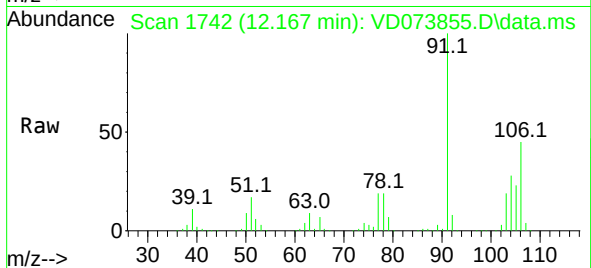
ICVVD071822

Tgt Ion:106 Resp: 151920

Ion Ratio Lower Upper

106 100

91 213.6 110.4 331.2



#70

Styrene

Concen: 52.600 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

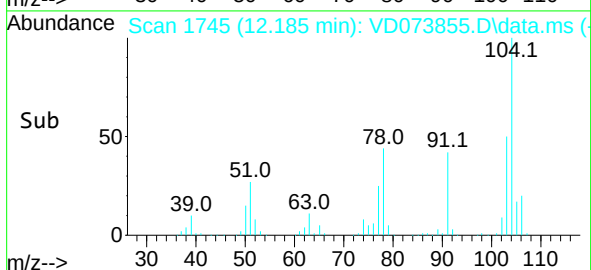
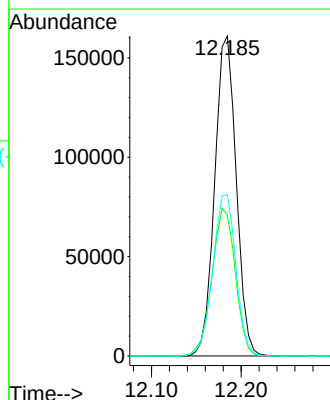
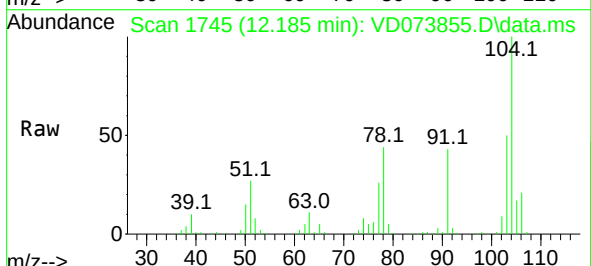
Tgt Ion:104 Resp: 267758

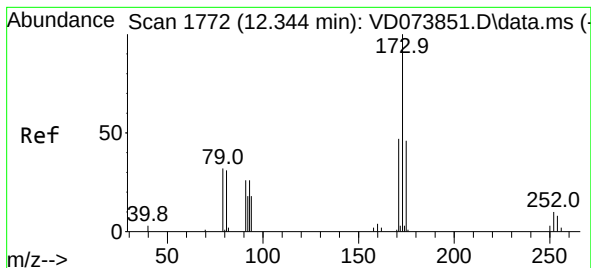
Ion Ratio Lower Upper

104 100

78 50.2 41.8 62.8

103 54.2 44.2 66.4





#71

Bromoform

Concen: 52.736 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

ICVVD071822

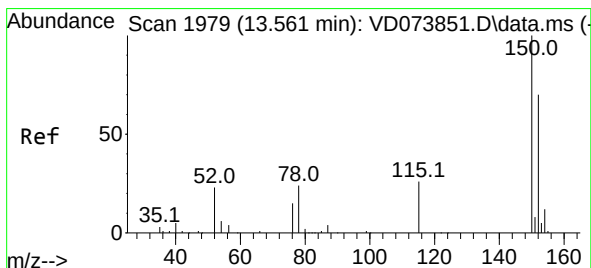
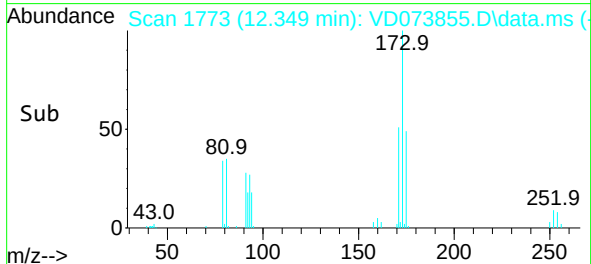
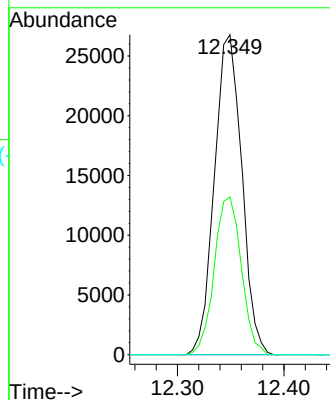
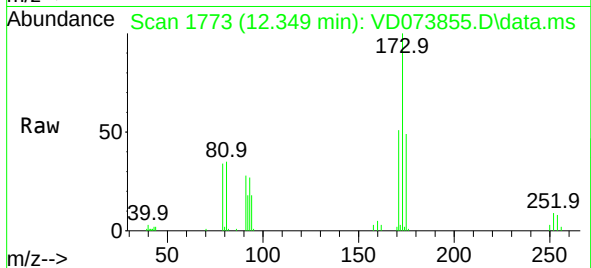
Tgt Ion:173 Resp: 47791

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

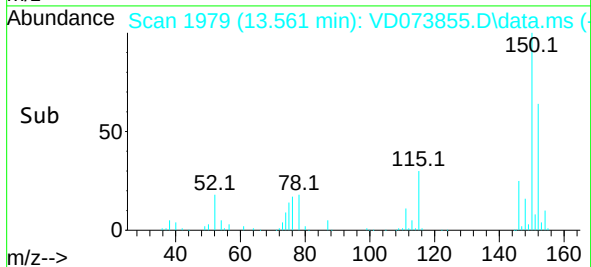
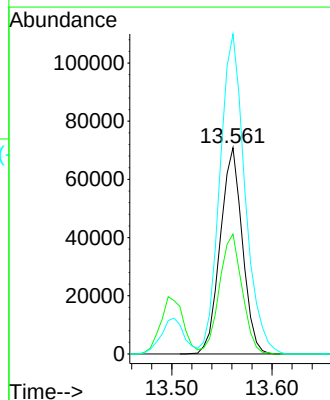
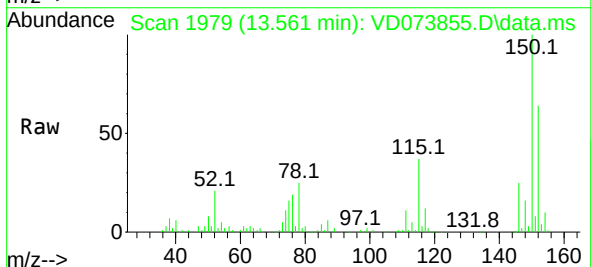
Tgt Ion:152 Resp: 108428

Ion Ratio Lower Upper

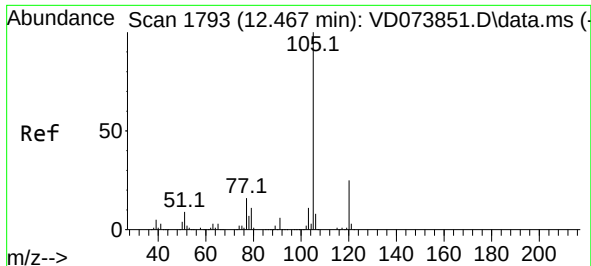
152 100

115 59.9 31.3 93.8

150 176.1 0.0 348.6



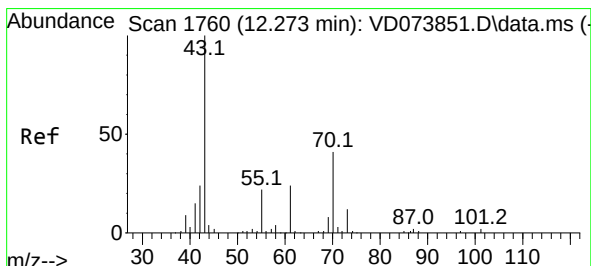
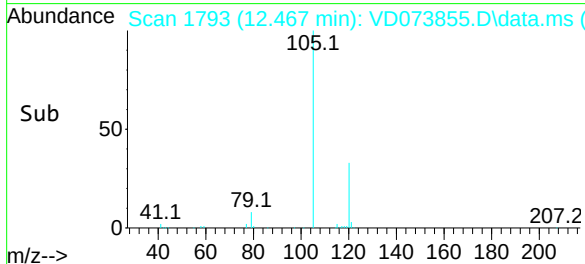
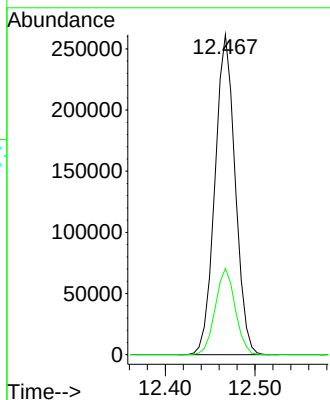
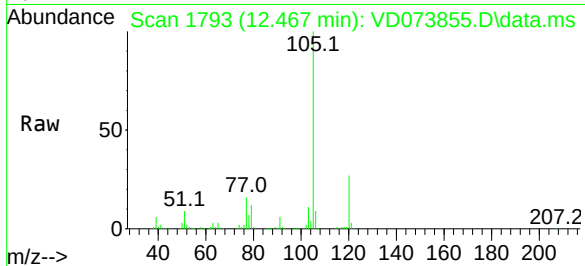




#73  
Isopropylbenzene  
Concen: 49.829 ug/l  
RT: 12.467 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

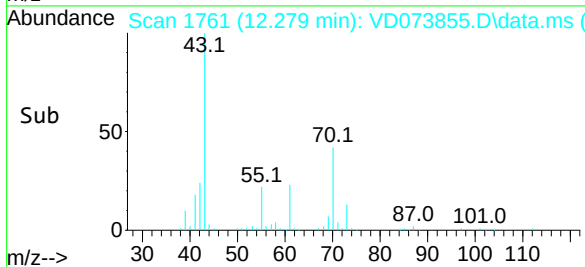
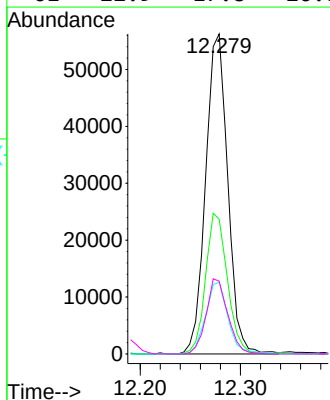
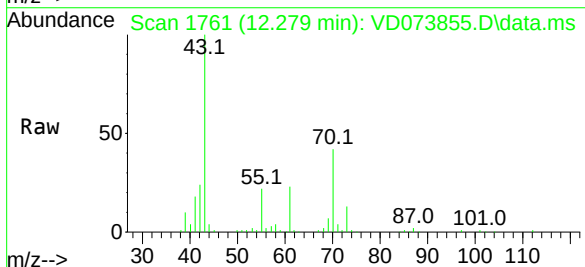
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

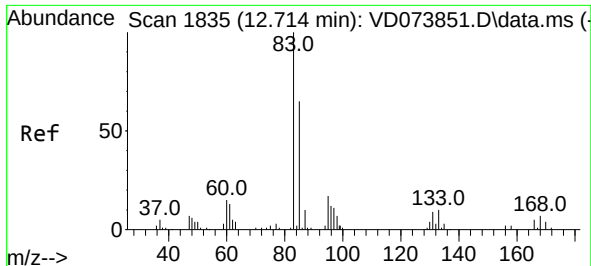
Tgt Ion:105 Resp: 409213  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.0 38.9



#74  
N-ethyl acetate  
Concen: 53.278 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. 0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 43 Resp: 86305  
Ion Ratio Lower Upper  
43 100  
70 43.3 31.3 46.9  
55 22.7 20.0 30.0  
61 22.9 17.8 26.8

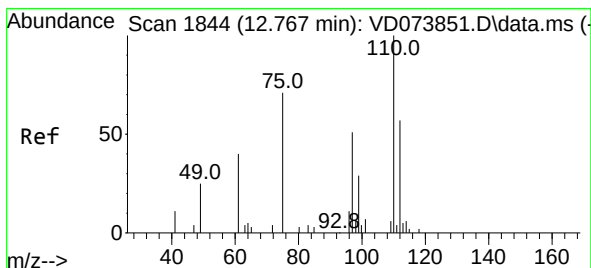
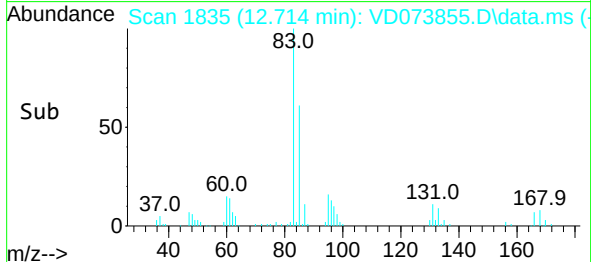
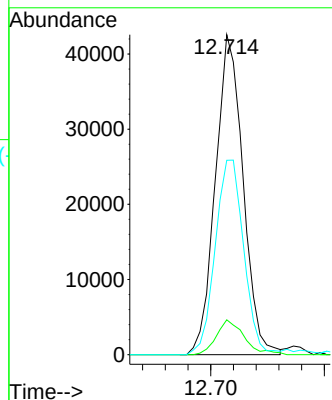
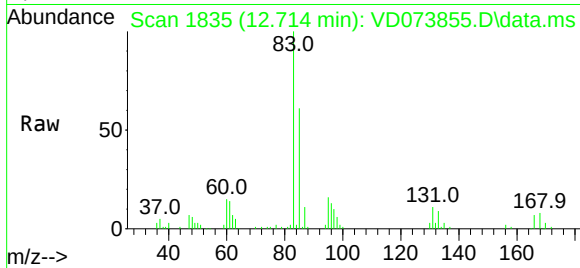




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.730 ug/l  
RT: 12.714 min Scan# 1835  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

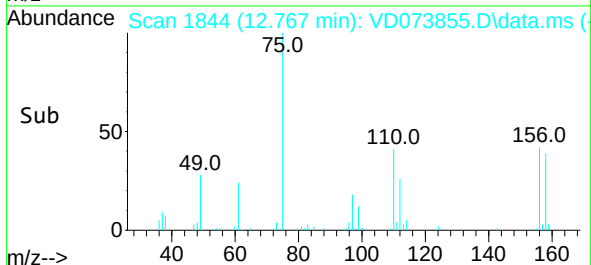
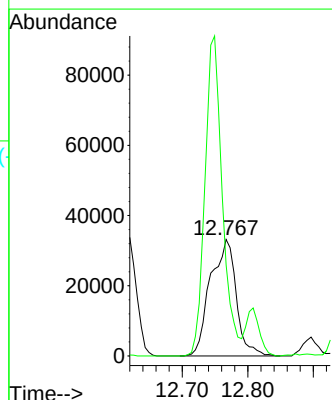
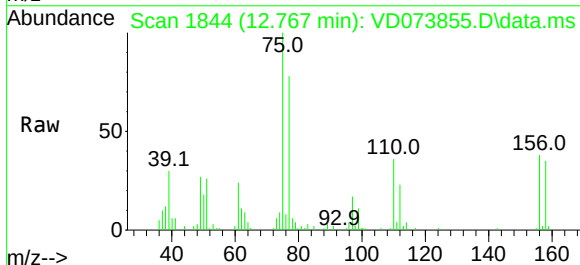
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

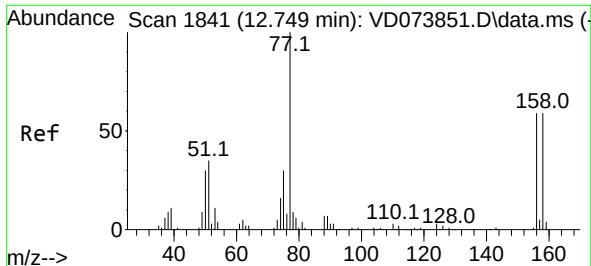
Tgt Ion: 83 Resp: 72009  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.0 14.9  
85 62.6 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 77.933 ug/l  
RT: 12.767 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 75 Resp: 90666  
Ion Ratio Lower Upper  
75 100  
77 186.3 0.0 0.0#

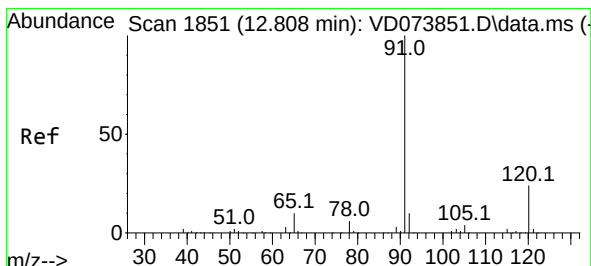
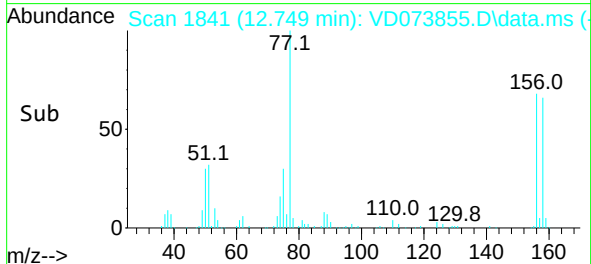
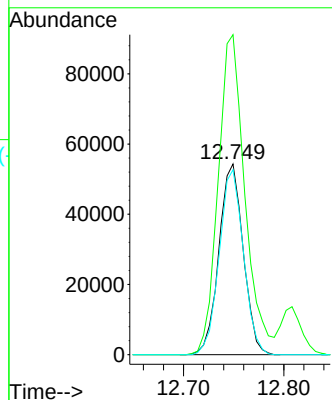
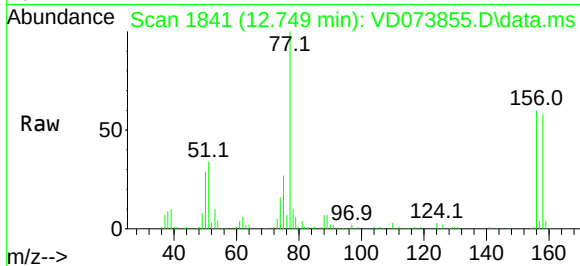




#77  
Bromobenzene  
Concen: 49.990 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

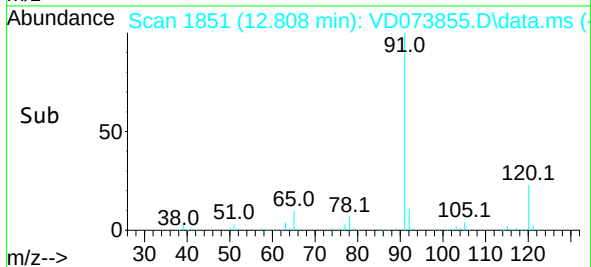
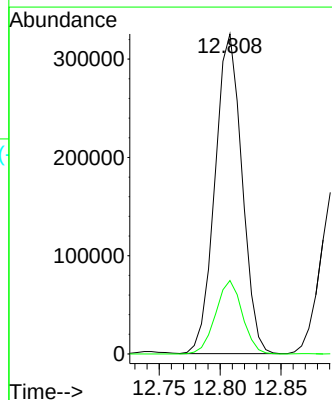
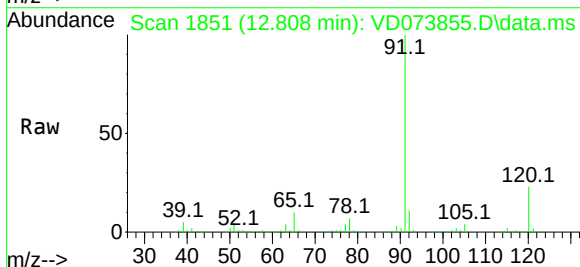
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

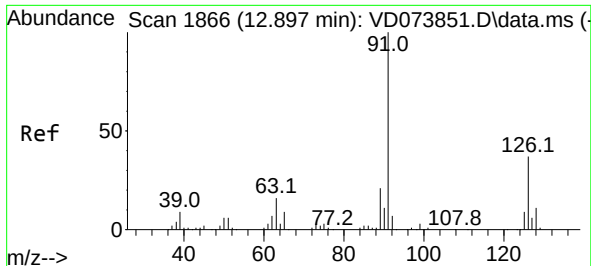
Tgt Ion:156 Resp: 91239  
Ion Ratio Lower Upper  
156 100  
77 185.2 102.8 308.3  
158 96.5 48.7 146.1



#78  
n-propylbenzene  
Concen: 50.177 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 91 Resp: 502702  
Ion Ratio Lower Upper  
91 100  
120 22.7 10.9 32.9

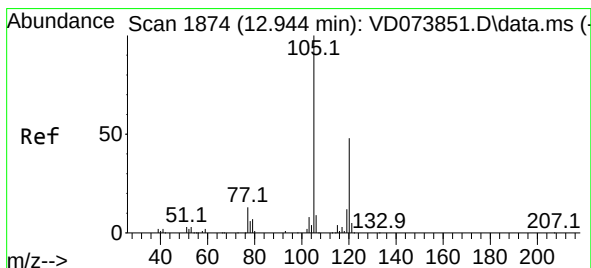
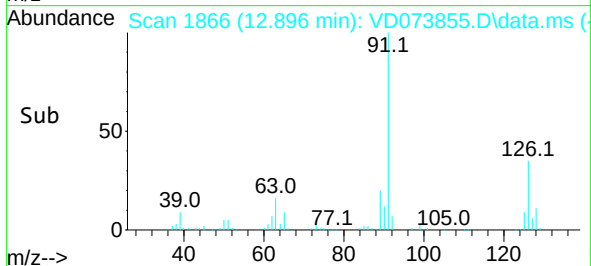
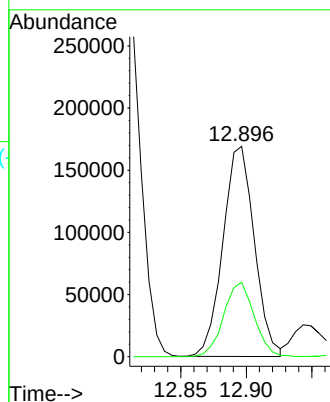
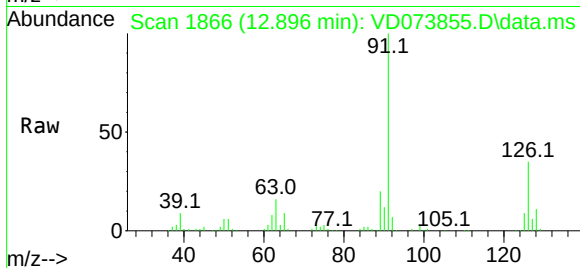




#79  
2-Chlorotoluene  
Concen: 50.147 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

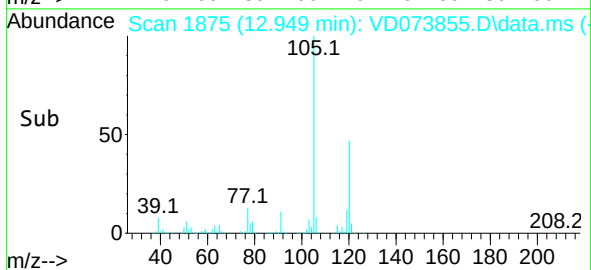
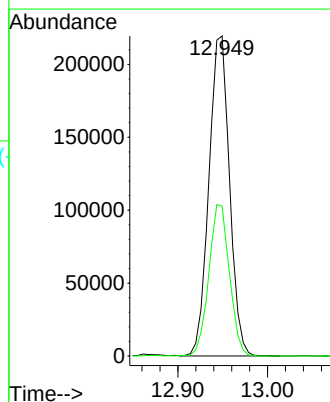
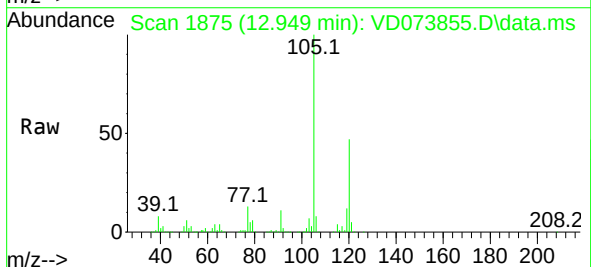
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

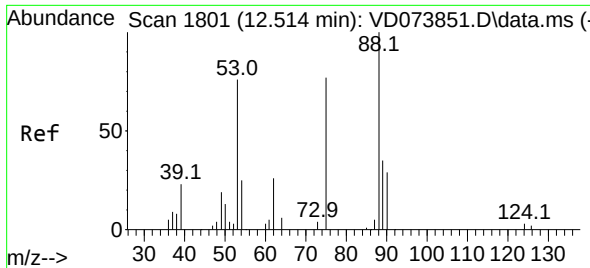
Tgt Ion: 91 Resp: 281836  
Ion Ratio Lower Upper  
91 100  
126 34.4 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 50.665 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 105 Resp: 350732  
Ion Ratio Lower Upper  
105 100  
120 47.2 24.3 72.8

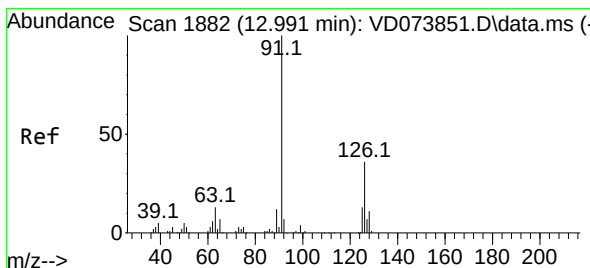
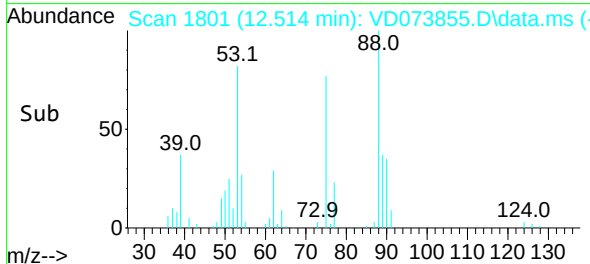
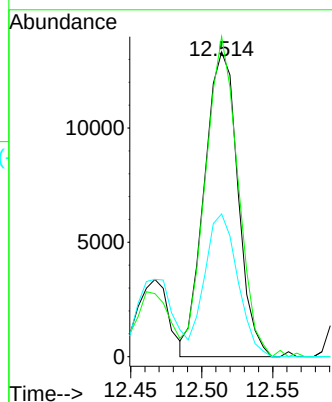
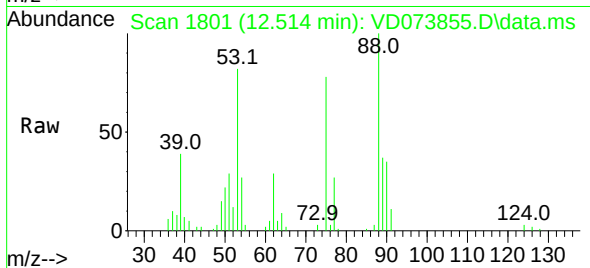




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.782 ug/l  
RT: 12.514 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

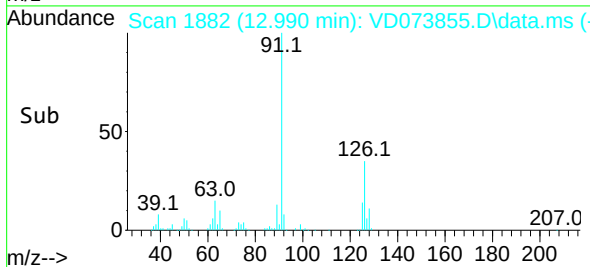
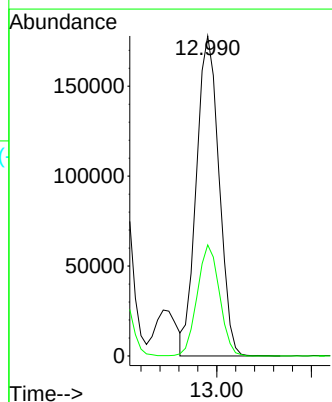
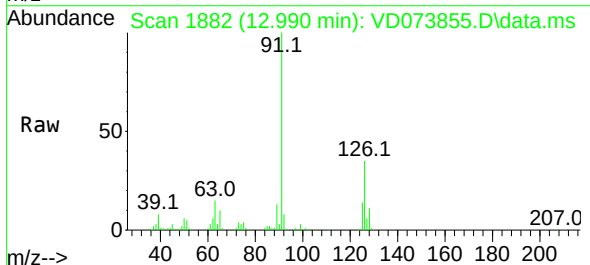
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

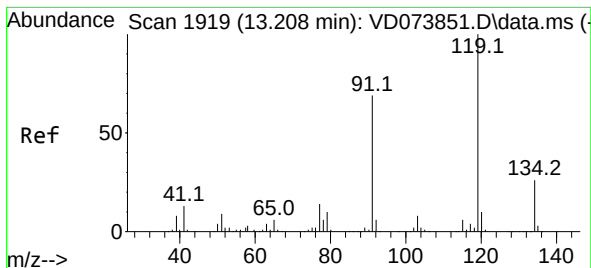
Tgt Ion: 75 Resp: 21894  
Ion Ratio Lower Upper  
75 100  
53 102.5 86.5 129.7  
89 45.8 33.9 50.9



#82  
4-Chlorotoluene  
Concen: 49.648 ug/l  
RT: 12.990 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 91 Resp: 295078  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.5 49.5





#83

tert-Butylbenzene

Concen: 49.442 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

ICVVD071822

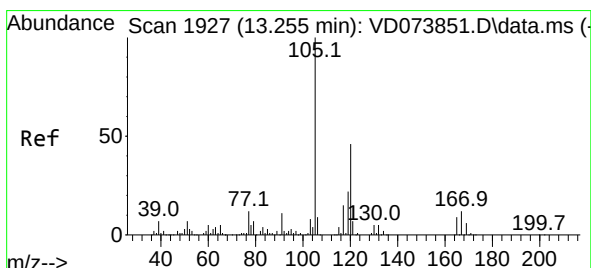
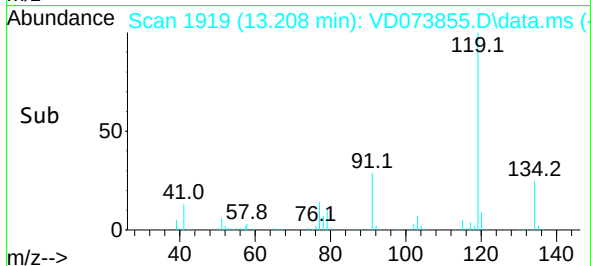
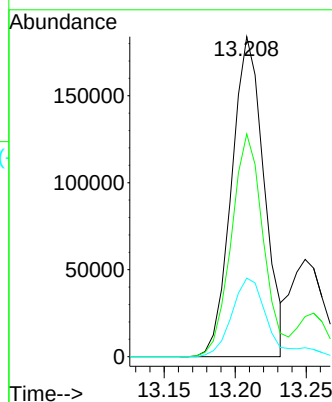
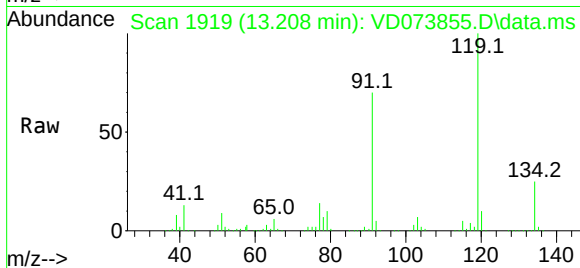
Tgt Ion:119 Resp: 292637

Ion Ratio Lower Upper

119 100

91 68.8 34.8 104.5

134 27.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 50.536 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VD073855.D

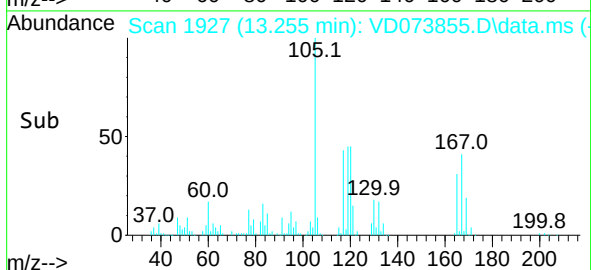
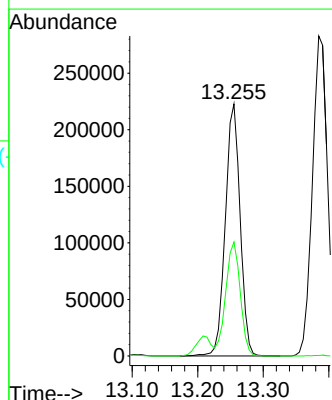
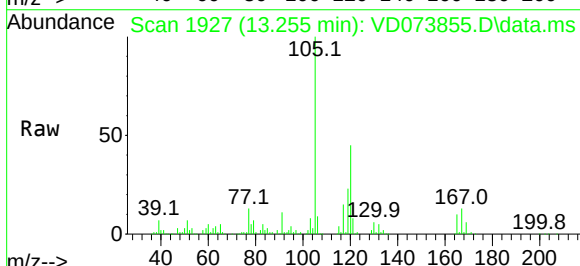
Acq: 18 Jul 2022 18:09

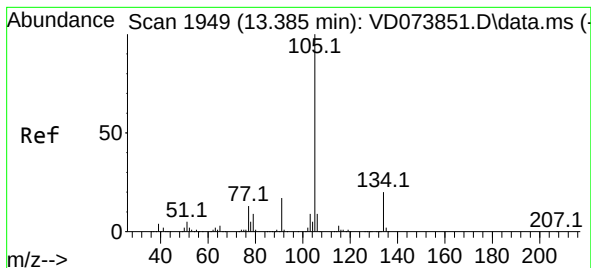
Tgt Ion:105 Resp: 348456

Ion Ratio Lower Upper

105 100

120 44.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.707 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

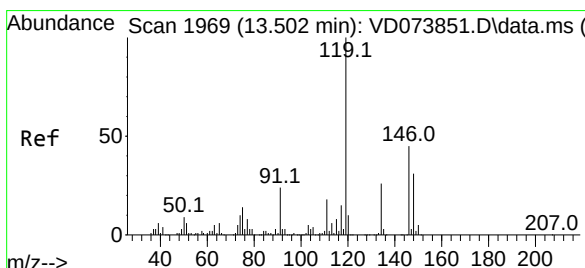
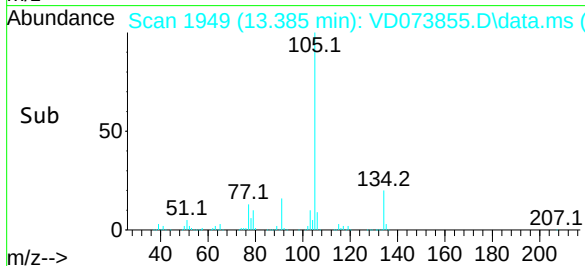
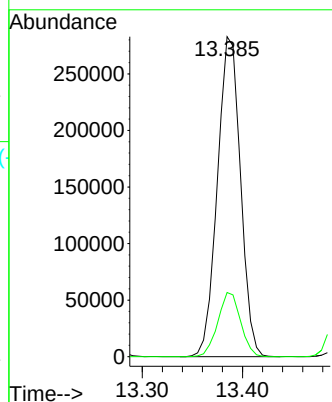
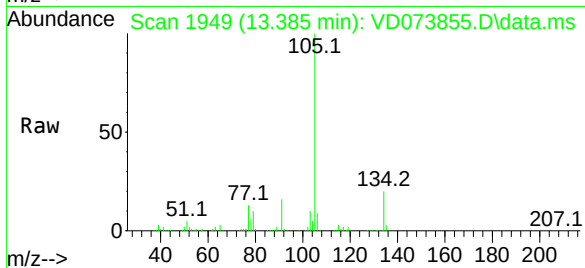
ICVVD071822

Tgt Ion:105 Resp: 452567

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.220 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

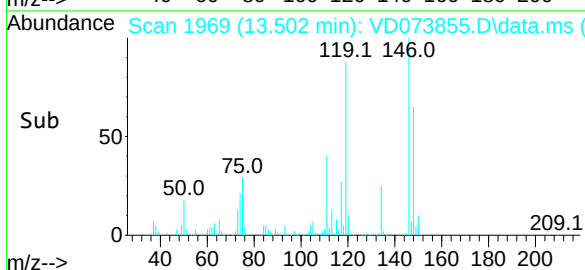
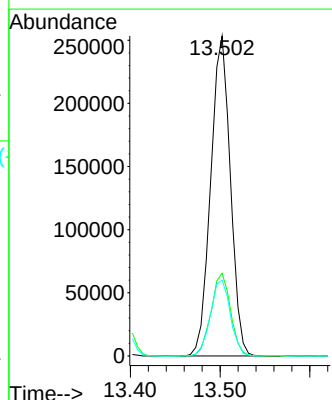
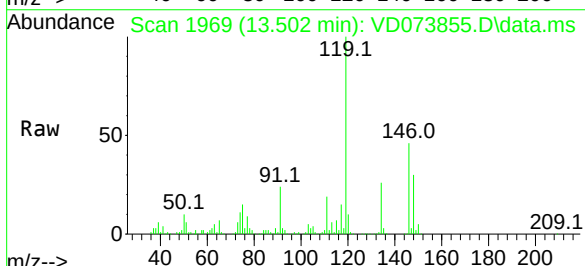
Tgt Ion:119 Resp: 384930

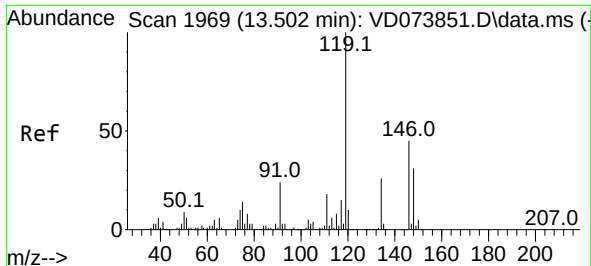
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.1 12.1 36.3

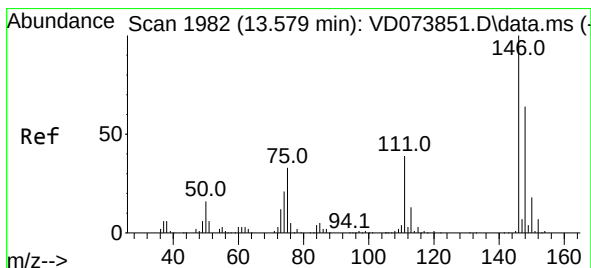
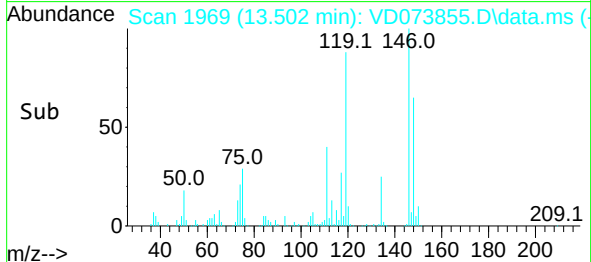
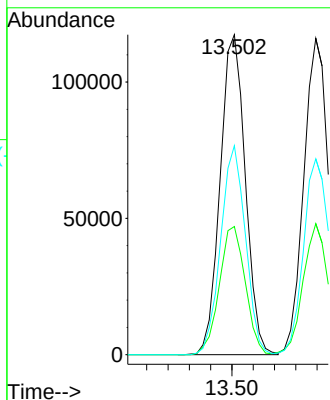
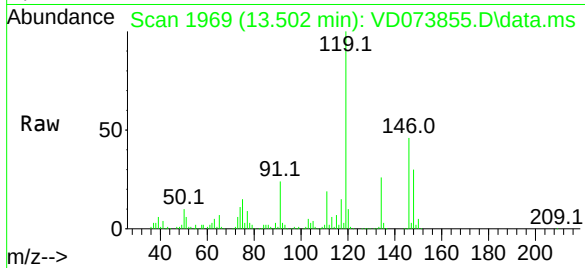




#87  
1,3-Dichlorobenzene  
Concen: 50.260 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

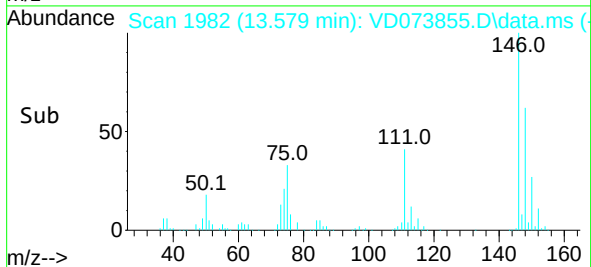
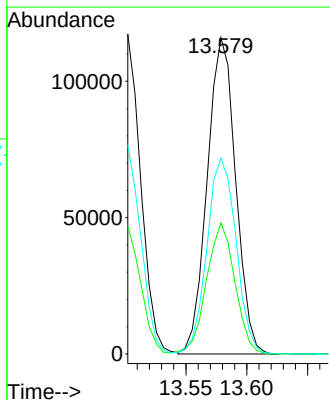
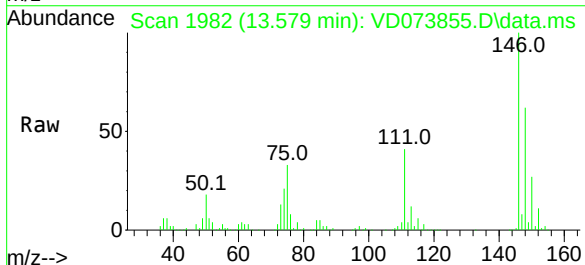
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

Tgt Ion:146 Resp: 192092  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.4 61.3  
148 64.4 31.9 95.7

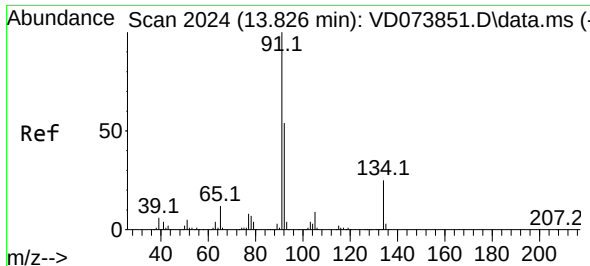


#88  
1,4-Dichlorobenzene  
Concen: 49.935 ug/l  
RT: 13.579 min Scan# 1982  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion:146 Resp: 188652  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.3 60.9  
148 63.6 31.7 95.1



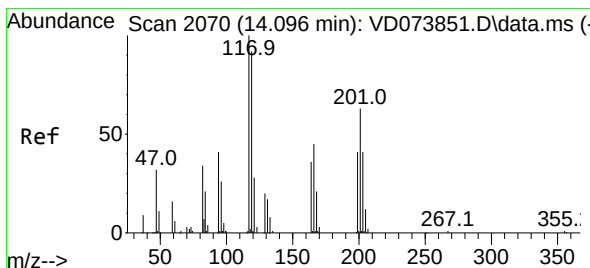
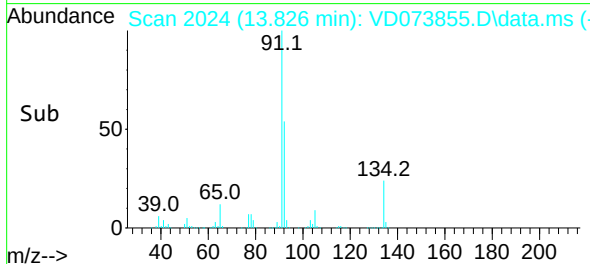
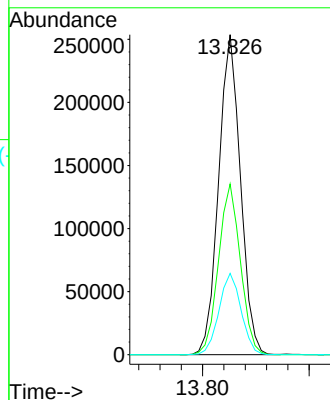
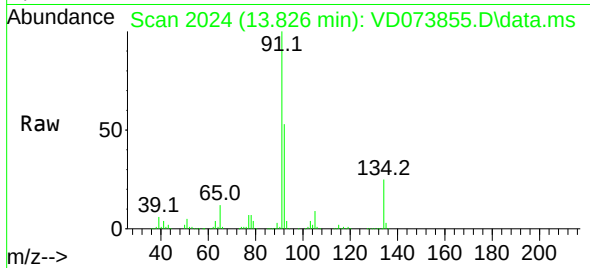




#89  
n-Butylbenzene  
Concen: 50.502 ug/l  
RT: 13.826 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

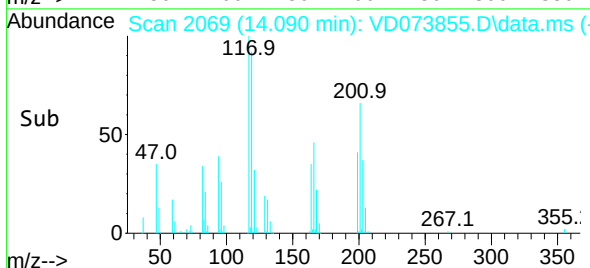
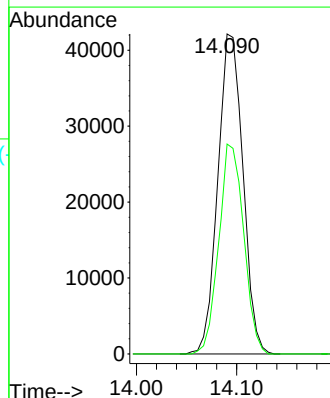
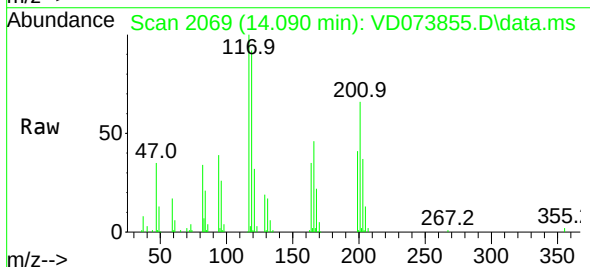
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

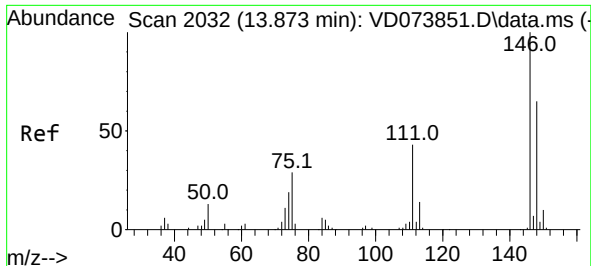
Tgt Ion: 91 Resp: 360347  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.6 79.8  
134 25.8 12.3 36.9



#90  
Hexachloroethane  
Concen: 49.341 ug/l  
RT: 14.090 min Scan# 2069  
Delta R.T. -0.006 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 117 Resp: 73273  
Ion Ratio Lower Upper  
117 100  
201 65.1 33.4 100.2

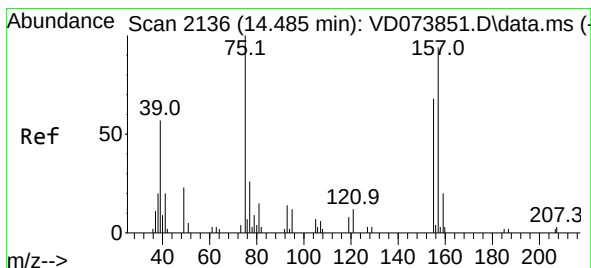
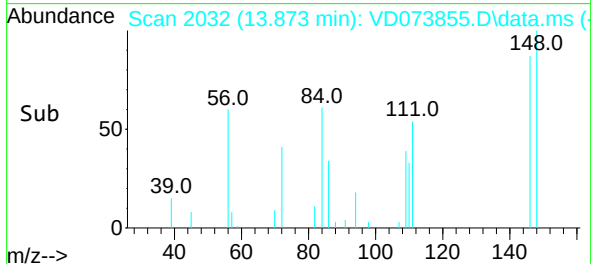
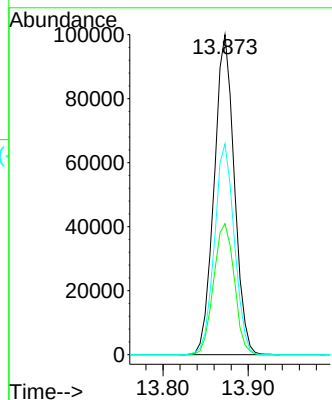
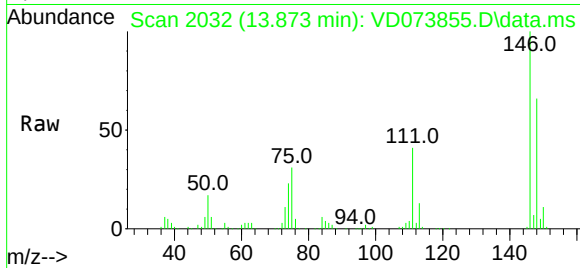




#91  
1,2-Dichlorobenzene  
Concen: 49.708 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

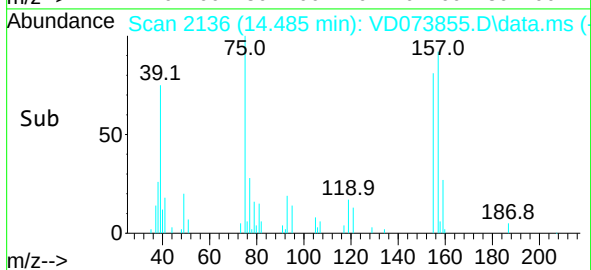
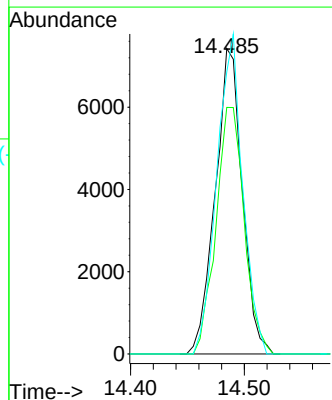
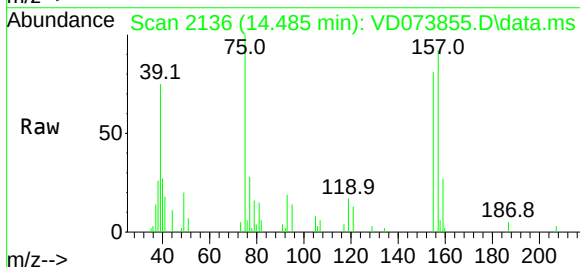
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD071822

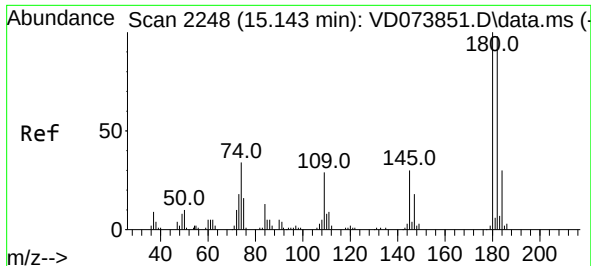
Tgt Ion:146 Resp: 164143  
Ion Ratio Lower Upper  
146 100  
111 42.1 21.1 63.3  
148 65.2 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.557 ug/l  
RT: 14.485 min Scan# 2136  
Delta R.T. -0.000 min  
Lab File: VD073855.D  
Acq: 18 Jul 2022 18:09

Tgt Ion: 75 Resp: 12289  
Ion Ratio Lower Upper  
75 100  
155 84.2 36.8 110.3  
157 100.2 48.4 145.0

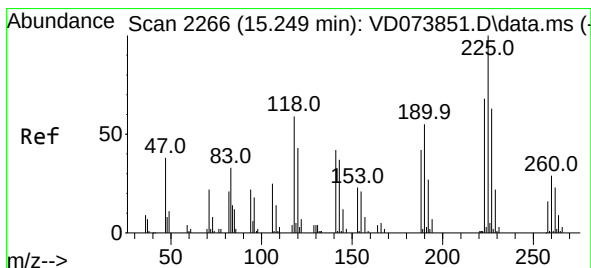
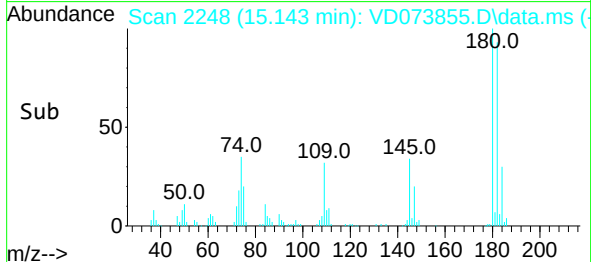
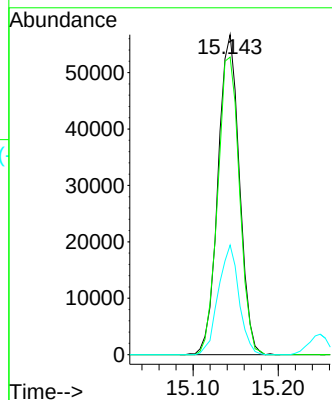
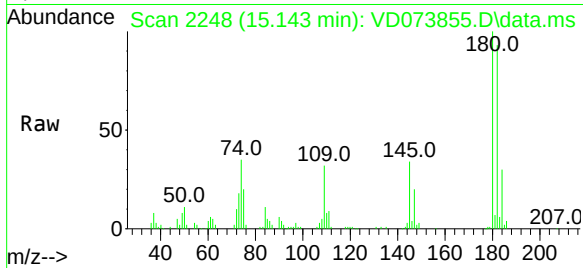




#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.099 ug/l  
 RT: 15.143 min Scan# 2248  
 Delta R.T. -0.000 min  
 Lab File: VD073855.D  
 Acq: 18 Jul 2022 18:09

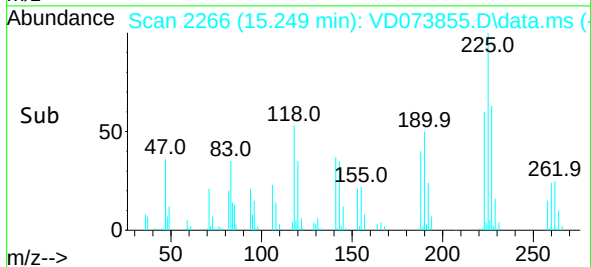
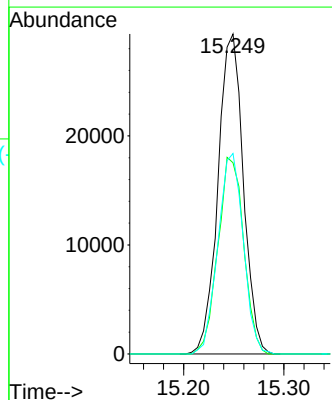
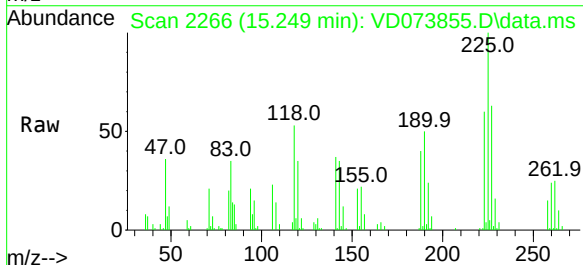
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 ICVVD071822

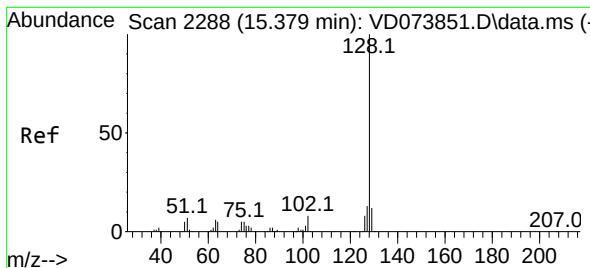
Tgt Ion:180 Resp: 98981  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 47.3 142.0  
 145 33.1 16.2 48.5



#94  
 Hexachlorobutadiene  
 Concen: 48.213 ug/l  
 RT: 15.249 min Scan# 2266  
 Delta R.T. -0.000 min  
 Lab File: VD073855.D  
 Acq: 18 Jul 2022 18:09

Tgt Ion:225 Resp: 51509  
 Ion Ratio Lower Upper  
 225 100  
 223 62.4 31.1 93.2  
 227 62.7 32.4 97.0





#95

Naphthalene

Concen: 52.507 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Instrument :

MSVOA\_D

ClientSampleId :

ICVVD071822

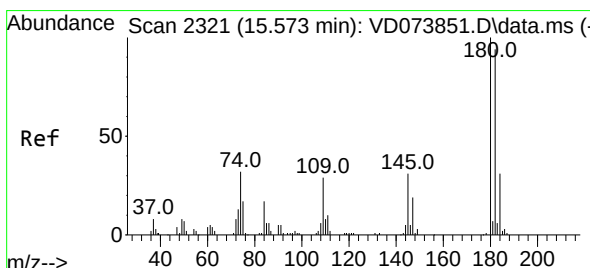
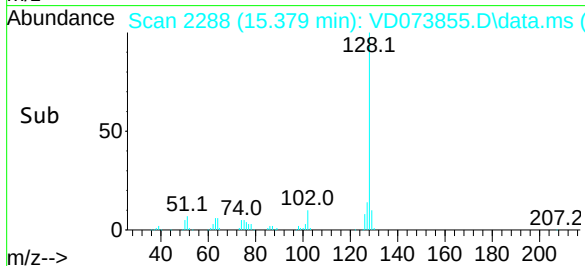
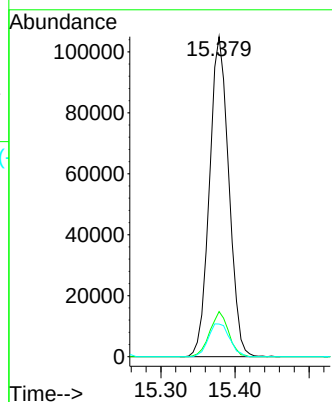
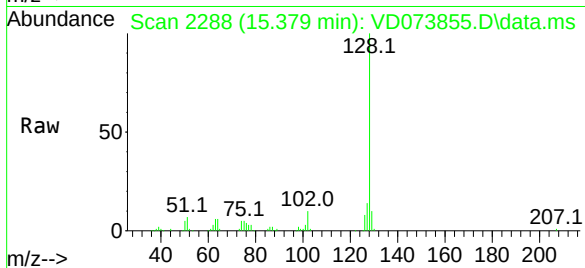
Tgt Ion:128 Resp: 190262

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.836 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073855.D

Acq: 18 Jul 2022 18:09

Tgt Ion:180 Resp: 87131

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.9

145 33.9 17.1 51.3

