

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD011921\  
 Data File : VD068088.D  
 Acq On : 19 Jan 2021 13:48  
 Operator : VA/SY  
 Sample : VSTDICV050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 ICVV011921

Quant Time: Jan 19 15:53:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.985  | 168  | 552210   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 941259   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.649 | 117  | 841313   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 382328   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 33) 1,2-Dichloroethane-d4   | 8.338  | 65    | 250082   | 47.34    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 94.68% |
| 35) Dibromofluoromethane    | 7.920  | 113   | 257269   | 49.44    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 98.88% |
| 50) Toluene-d8              | 10.344 | 98    | 964633   | 46.34    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 92.68% |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 359967   | 48.02    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 96.04% |

|                              |       |     |         |        |           |
|------------------------------|-------|-----|---------|--------|-----------|
| Target Compounds             |       |     |         |        | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 336624  | 51.32  | ug/l 97   |
| 3) Chloromethane             | 2.209 | 50  | 361228  | 51.13  | ug/l 98   |
| 4) Vinyl Chloride            | 2.356 | 62  | 409595  | 52.13  | ug/l 99   |
| 5) Bromomethane              | 2.773 | 94  | 282037  | 52.34  | ug/l 99   |
| 6) Chloroethane              | 2.926 | 64  | 256264  | 53.39  | ug/l 100  |
| 7) Trichlorofluoromethane    | 3.279 | 101 | 544702  | 52.81  | ug/l 98   |
| 8) Diethyl Ether             | 3.714 | 74  | 156711  | 51.61  | ug/l 96   |
| 9) 1,1,2-Trichlorotrifluo... | 4.103 | 101 | 317043  | 52.71  | ug/l 95   |
| 10) Methyl Iodide            | 4.309 | 142 | 336721  | 49.91  | ug/l 93   |
| 11) Tert butyl alcohol       | 5.220 | 59  | 114608  | 238.66 | ug/l 99   |
| 12) 1,1-Dichloroethene       | 4.073 | 96  | 316974  | 52.39  | ug/l 95   |
| 13) Acrolein                 | 3.926 | 56  | 97356   | 233.87 | ug/l 100  |
| 14) Allyl chloride           | 4.720 | 41  | 468537  | 53.24  | ug/l 95   |
| 15) Acrylonitrile            | 5.426 | 53  | 319101  | 265.28 | ug/l 99   |
| 16) Acetone                  | 4.162 | 43  | 244223  | 258.93 | ug/l 93   |
| 17) Carbon Disulfide         | 4.414 | 76  | 1035366 | 53.14  | ug/l 99   |
| 18) Methyl Acetate           | 4.720 | 43  | 126966  | 51.86  | ug/l 93   |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 730777  | 52.25  | ug/l 93   |
| 20) Methylene Chloride       | 4.973 | 84  | 350232  | 53.48  | ug/l 91   |
| 21) trans-1,2-Dichloroethene | 5.479 | 96  | 359054  | 51.70  | ug/l 89   |
| 22) Diisopropyl ether        | 6.367 | 45  | 938441  | 52.85  | ug/l # 94 |
| 23) Vinyl Acetate            | 6.308 | 43  | 2591140 | 273.75 | ug/l 97   |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 608805  | 52.91  | ug/l 99   |
| 25) 2-Butanone               | 7.214 | 43  | 362936  | 255.55 | ug/l 99   |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 569301  | 52.30  | ug/l 99   |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 399595  | 52.99  | ug/l 93   |
| 28) Bromochloromethane       | 7.550 | 49  | 187245  | 47.77  | ug/l # 78 |
| 29) Tetrahydrofuran          | 7.561 | 42  | 238264  | 258.80 | ug/l 94   |
| 30) Chloroform               | 7.714 | 83  | 611516  | 52.60  | ug/l 99   |
| 31) Cyclohexane              | 7.991 | 56  | 574919  | 50.26  | ug/l 90   |
| 32) 1,1,1-Trichloroethane    | 7.908 | 97  | 552385  | 52.72  | ug/l 97   |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 503687  | 53.06  | ug/l 96   |
| 37) Ethyl Acetate            | 7.297 | 43  | 173546  | 51.69  | ug/l 98   |
| 38) Carbon Tetrachloride     | 8.102 | 117 | 474681  | 53.43  | ug/l 99   |
| 39) Methylcyclohexane        | 9.355 | 83  | 665625  | 53.64  | ug/l 97   |
| 40) Benzene                  | 8.355 | 78  | 1393011 | 52.49  | ug/l 96   |

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Quant Time: Jan 19 15:53:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 84149    | 41.53   | ug/l # | 82       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 373583   | 52.68   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.455  | 43   | 367779   | 52.56   | ug/l   | 95       |
| 44) Trichloroethene           | 9.114  | 130  | 384567   | 52.76   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 339821   | 52.29   | ug/l   | 98       |
| 46) Dibromomethane            | 9.479  | 93   | 174622   | 53.03   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.667  | 83   | 470150   | 52.91   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.461  | 41   | 183015   | 52.55   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 39516    | 1023.95 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 865235   | 266.01  | ug/l   | 96       |
| 52) Toluene                   | 10.408 | 92   | 901263   | 52.12   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.626 | 75   | 471373   | 52.41   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 559888   | 52.30   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 244760   | 52.44   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 328725   | 52.88   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.949 | 76   | 432696   | 52.54   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 664729   | 231.70  | ug/l   | 92       |
| 59) 2-Hexanone                | 10.985 | 43   | 587078   | 260.39  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.144 | 129  | 309297   | 52.86   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 241535   | 52.45   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.879 | 164  | 308062   | 51.95   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.673 | 112  | 935076   | 52.31   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.743 | 131  | 331662   | 52.75   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.743 | 91   | 1747591  | 52.80   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.855 | 106  | 1312584  | 105.04  | ug/l   | 99       |
| 69) o-Xylene                  | 12.179 | 106  | 610143   | 52.58   | ug/l   | 97       |
| 70) Styrene                   | 12.196 | 104  | 1040254  | 52.52   | ug/l   | 97       |
| 71) Bromoform                 | 12.361 | 173  | 169081   | 53.05   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.479 | 105  | 1664570  | 52.32   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.285 | 43   | 347951   | 52.62   | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 263956   | 52.16   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.785 | 75   | 353657   | 95.67   | ug/l # | 100      |
| 77) Bromobenzene              | 12.761 | 156  | 356006   | 52.20   | ug/l   | 86       |
| 78) n-propylbenzene           | 12.820 | 91   | 1971528  | 52.38   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 1098546  | 51.98   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 1370078  | 51.71   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 92173    | 50.45   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.008 | 91   | 1154546  | 52.54   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 1171861  | 52.20   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 1369293  | 52.07   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.402 | 105  | 1650722  | 52.56   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 1493482  | 52.29   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 686216   | 52.33   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 675869   | 52.31   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.843 | 91   | 1449908  | 52.89   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.108 | 117  | 274662   | 53.23   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.890 | 146  | 584135   | 52.00   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.502 | 75   | 41892    | 50.58   | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 402491   | 52.27   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.267 | 225  | 224036   | 52.48   | ug/l   | 99       |
| 95) Naphthalene               | 15.402 | 128  | 754296   | 52.24   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.590 | 180  | 342352   | 52.71   | ug/l   | 98       |

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Sample : VSTDICV050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Tue Jan 19 13:19:08 2021  
Response via : Initial Calibration

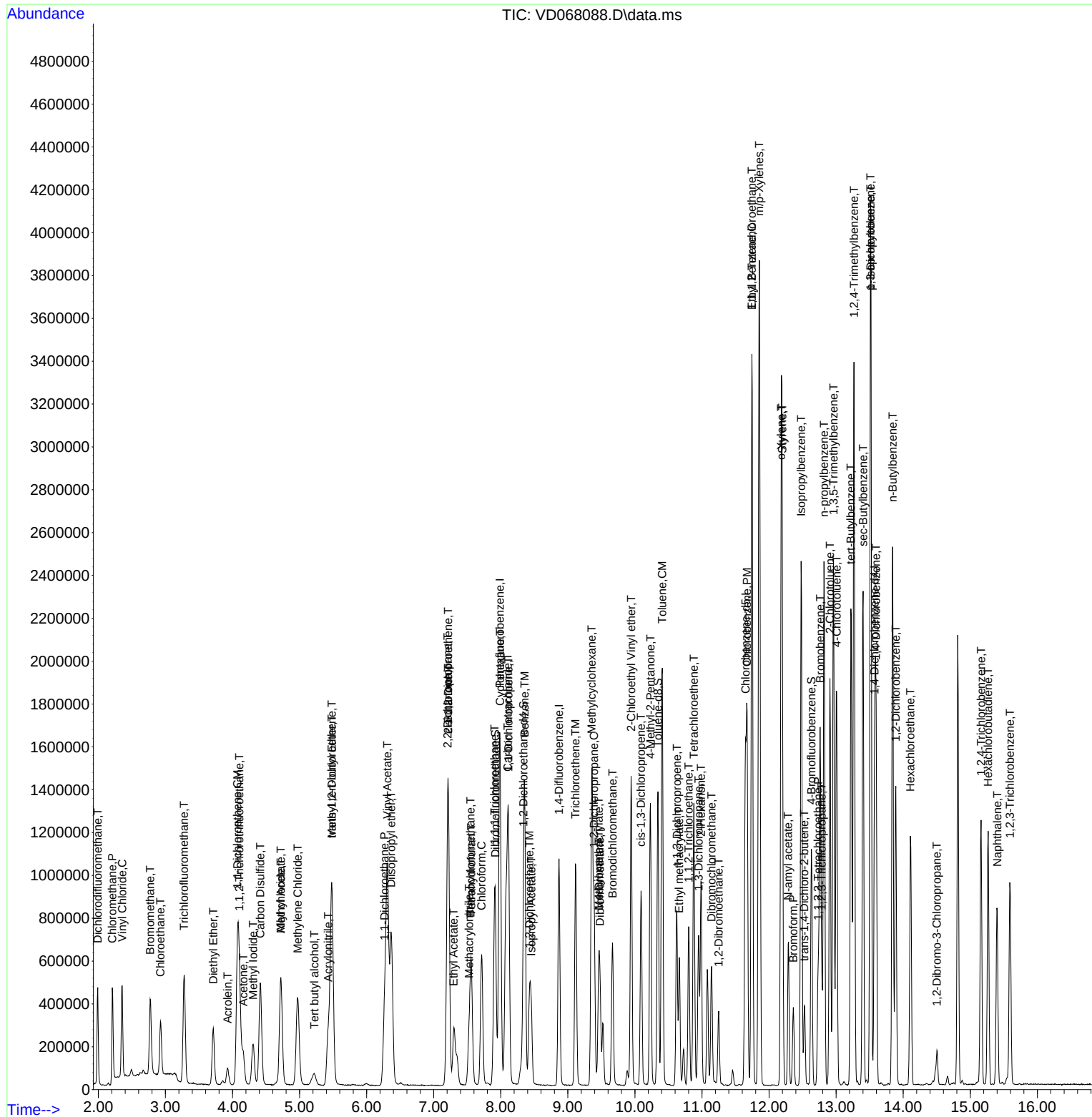
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

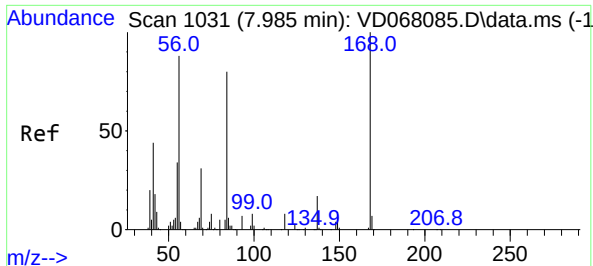
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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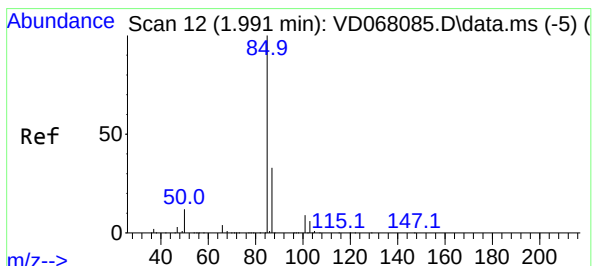
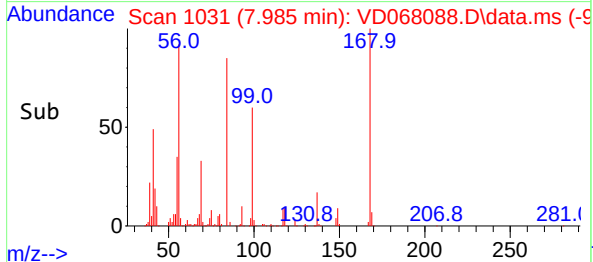
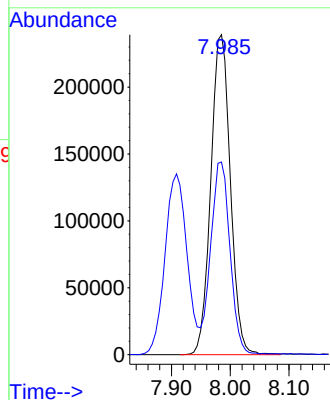
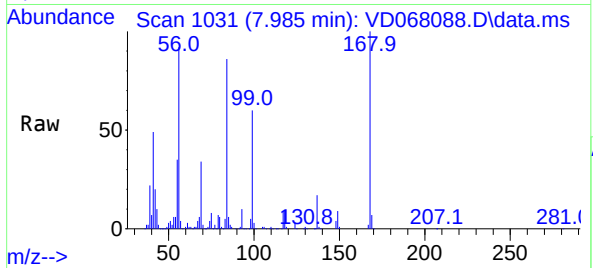




Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

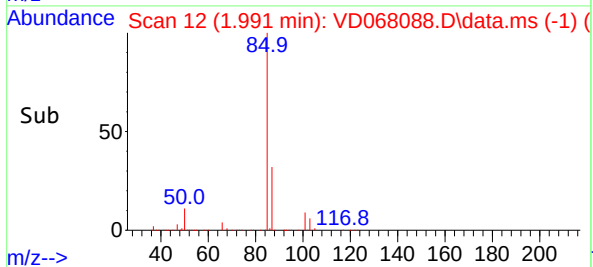
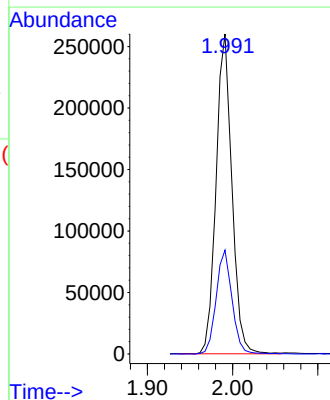
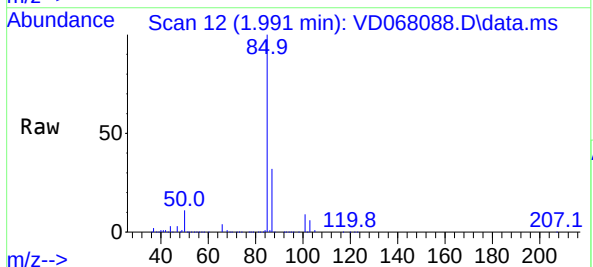
Instrument :  
MSVOA\_D  
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ICVVD011921

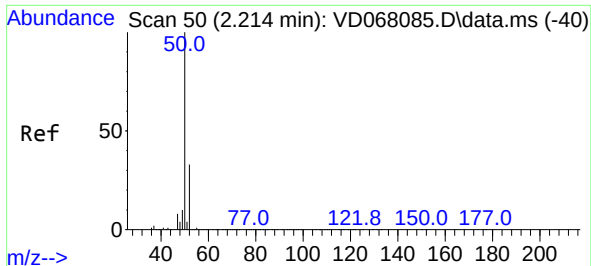
Tgt Ion:168 Resp: 552210  
Ion Ratio Lower Upper  
168 100  
99 60.0 43.5 65.3



Dichlorodifluoromethane  
Concen: 51.32 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 85 Resp: 336624  
Ion Ratio Lower Upper  
85 100  
87 32.5 15.4 46.1

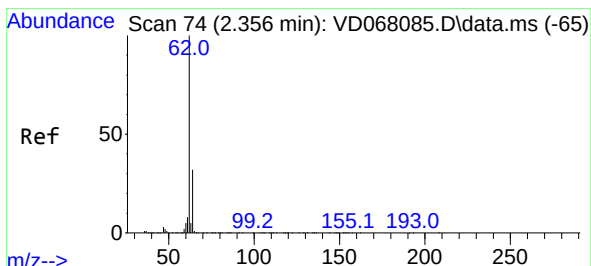
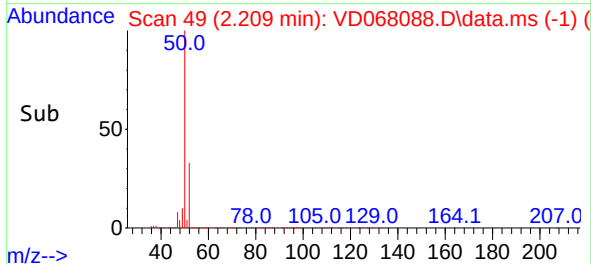
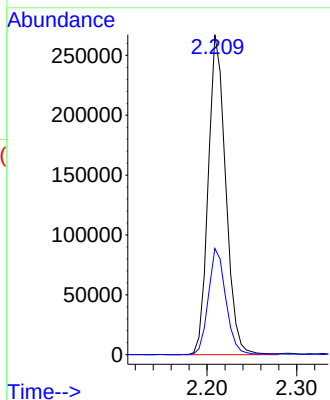
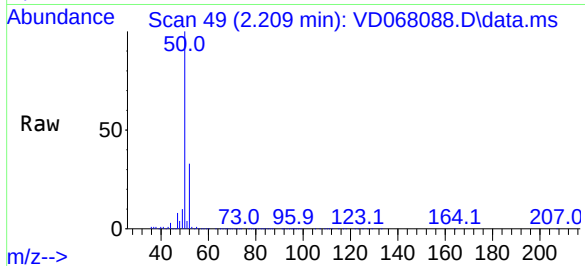




#3  
Chloromethane  
Concen: 51.13 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.005 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

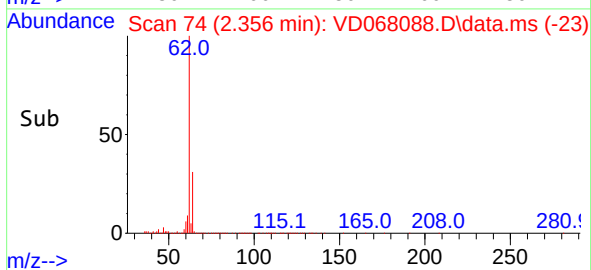
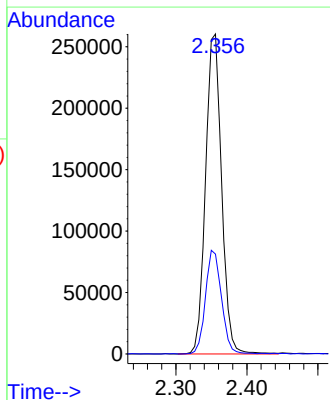
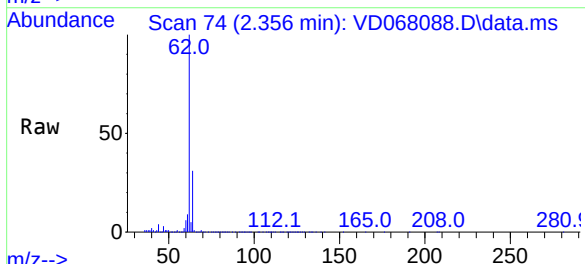
Instrument :  
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ClientSampleId :  
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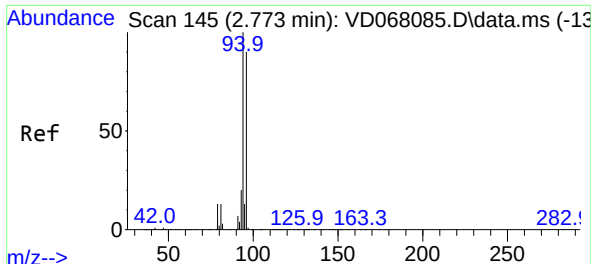
Tgt Ion: 50 Resp: 361228  
Ion Ratio Lower Upper  
50 100  
52 33.2 25.4 38.2



#4  
Vinyl Chloride  
Concen: 52.13 ug/l  
RT: 2.356 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 62 Resp: 409595  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.4 38.2

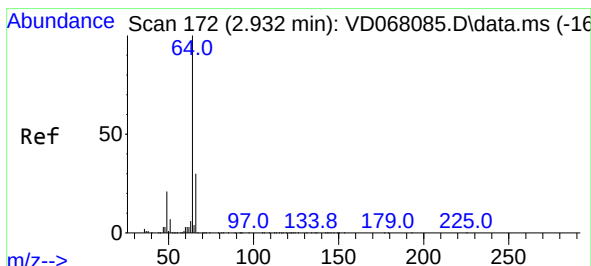
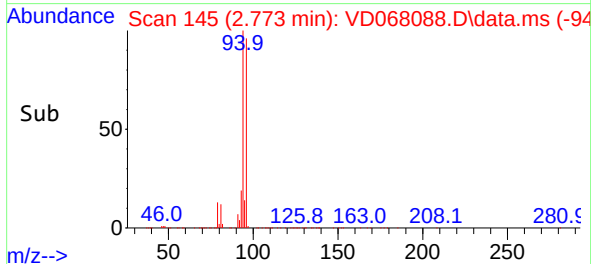
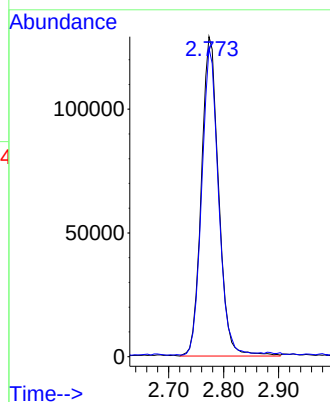
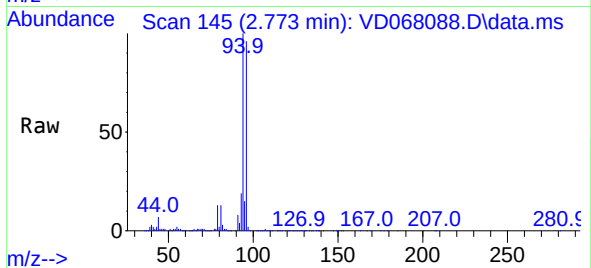




#5  
Bromomethane  
Concen: 52.34 ug/l  
RT: 2.773 min Scan# 145  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

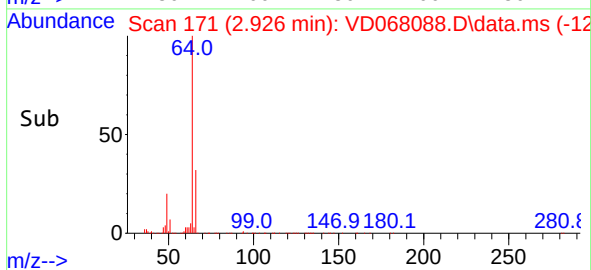
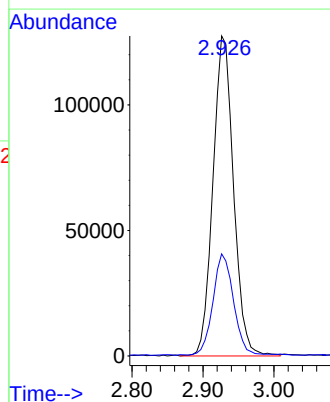
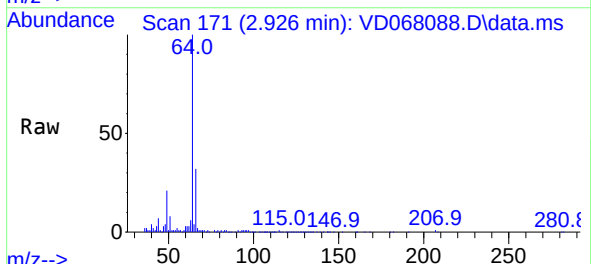
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

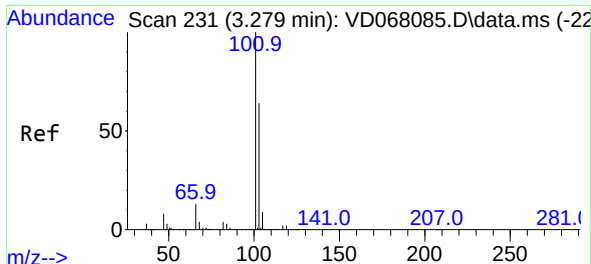
Tgt Ion: 94 Resp: 282037  
Ion Ratio Lower Upper  
94 100  
96 96.1 75.8 113.8



#6  
Chloroethane  
Concen: 53.39 ug/l  
RT: 2.926 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 64 Resp: 256264  
Ion Ratio Lower Upper  
64 100  
66 31.5 25.1 37.7

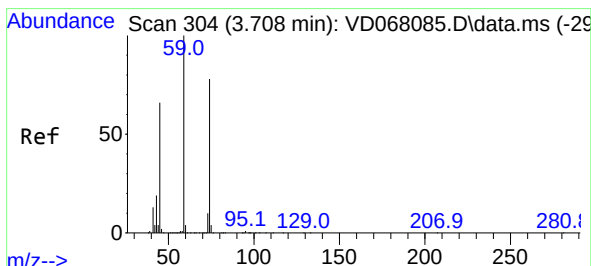
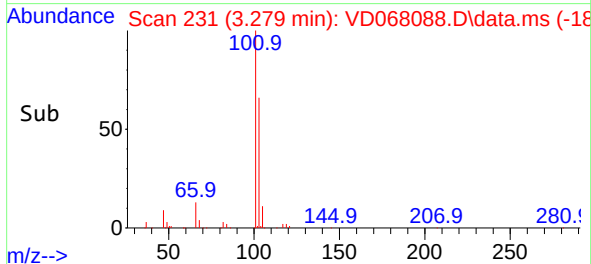
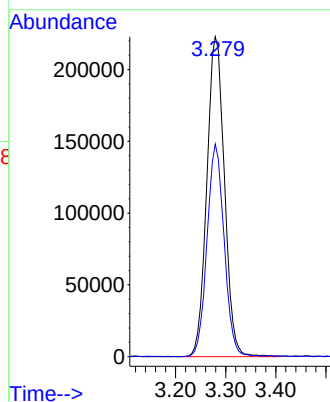
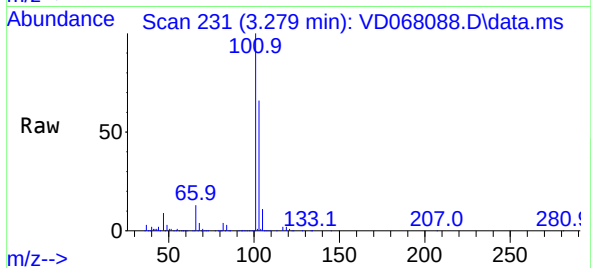




#7  
Trichlorofluoromethane  
Concen: 52.81 ug/l  
RT: 3.279 min Scan# 231  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

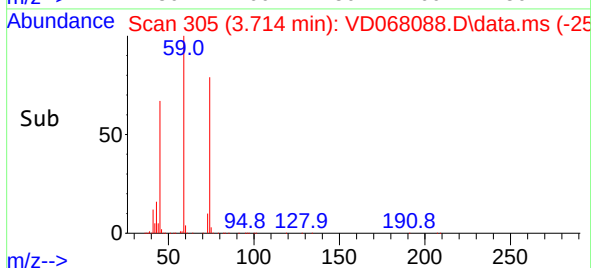
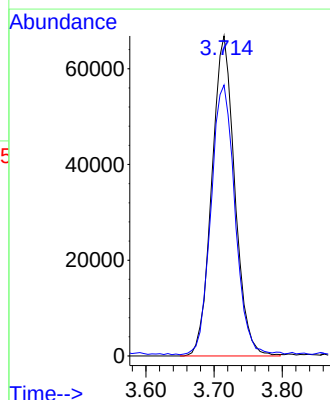
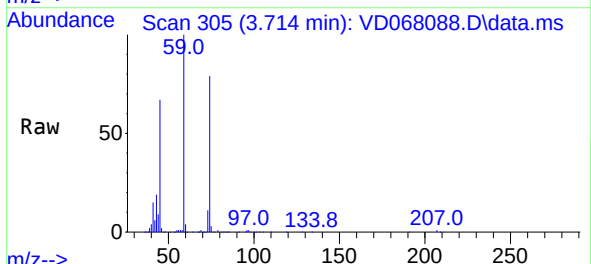
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

Tgt Ion:101 Resp: 544702  
Ion Ratio Lower Upper  
101 100  
103 66.5 52.0 78.0

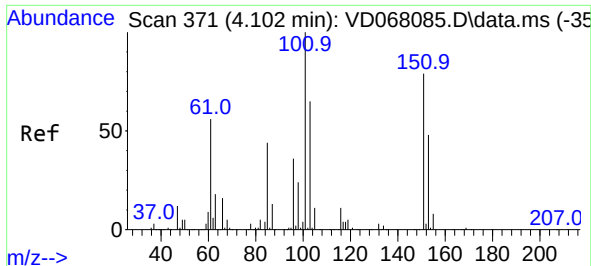


#8  
Diethyl Ether  
Concen: 51.61 ug/l  
RT: 3.714 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 74 Resp: 156711  
Ion Ratio Lower Upper  
74 100  
45 87.9 42.1 126.4



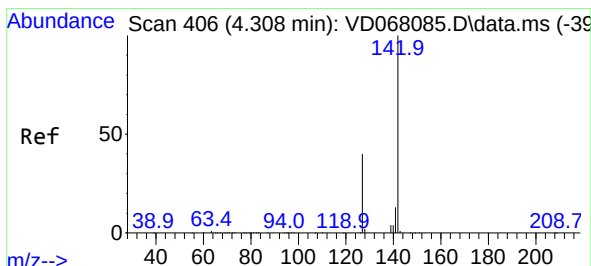
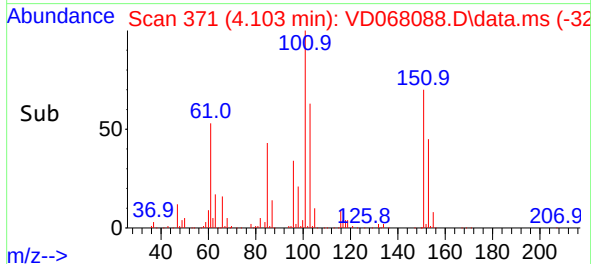
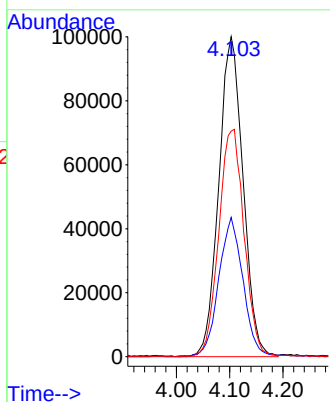
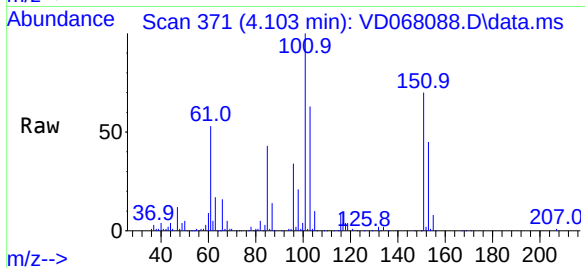




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.71 ug/l  
RT: 4.103 min Scan# 371  
Delta R.T. 0.001 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

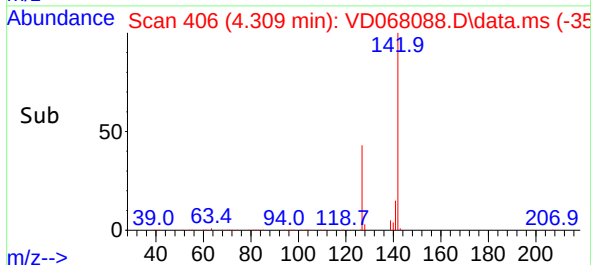
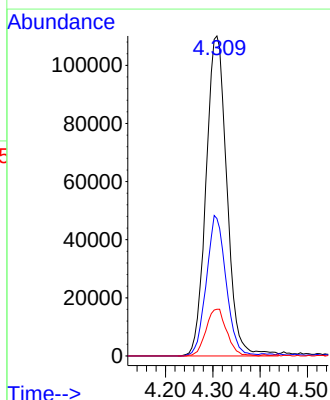
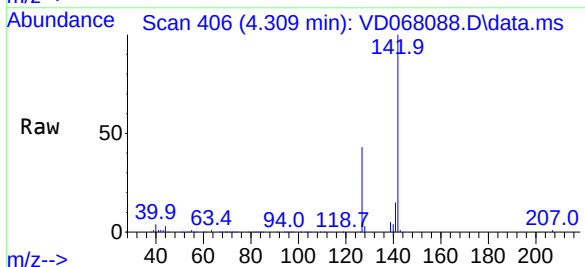
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

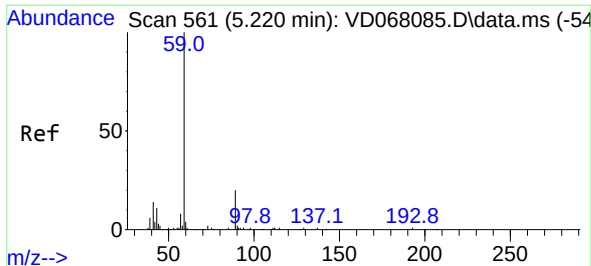
Tgt Ion:101 Resp: 317043  
Ion Ratio Lower Upper  
101 100  
85 42.9 34.0 51.0  
151 74.1 64.1 96.1



#10  
Methyl Iodide  
Concen: 49.91 ug/l  
RT: 4.309 min Scan# 406  
Delta R.T. 0.001 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion:142 Resp: 336721  
Ion Ratio Lower Upper  
142 100  
127 41.6 37.9 56.9  
141 14.6 11.5 17.3

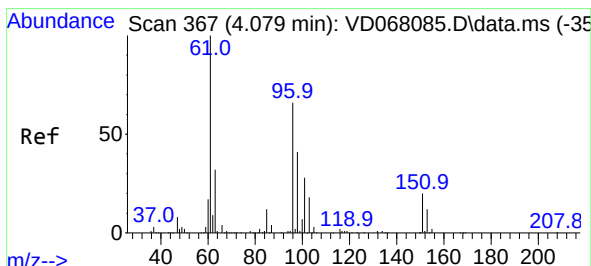
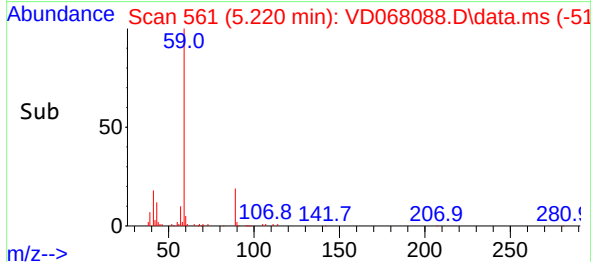
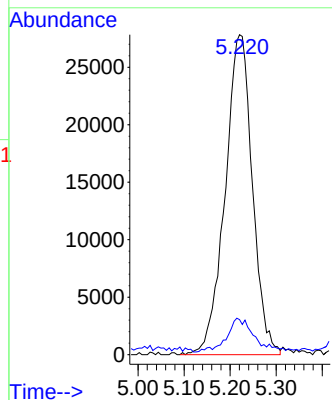
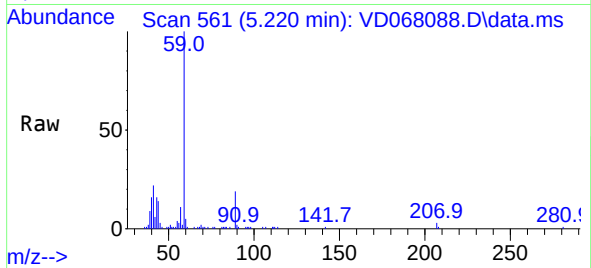




#11  
Tert butyl alcohol  
Concen: 238.66 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

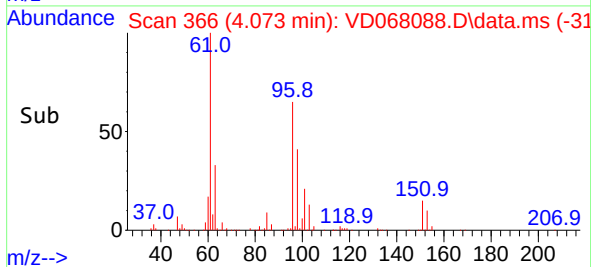
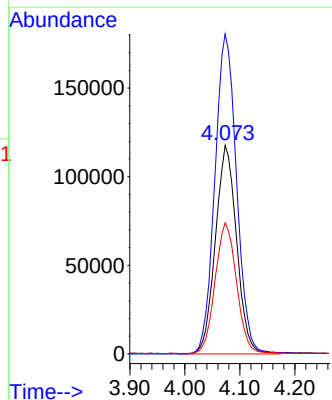
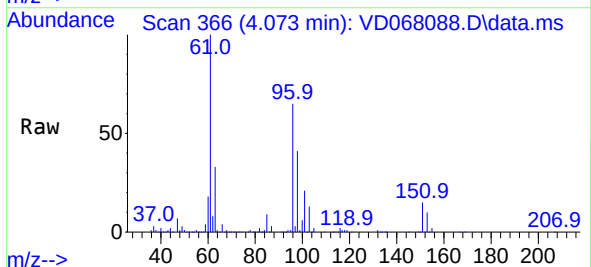
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

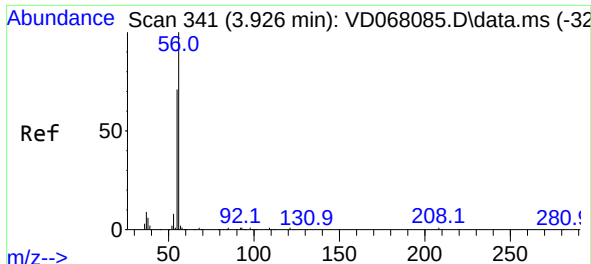
Tgt Ion: 59 Resp: 114608  
Ion Ratio Lower Upper  
59 100  
57 9.1 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 52.39 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 96 Resp: 316974  
Ion Ratio Lower Upper  
96 100  
61 153.4 116.2 174.4  
98 62.6 48.6 73.0

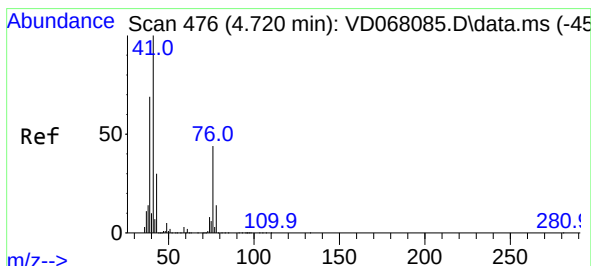
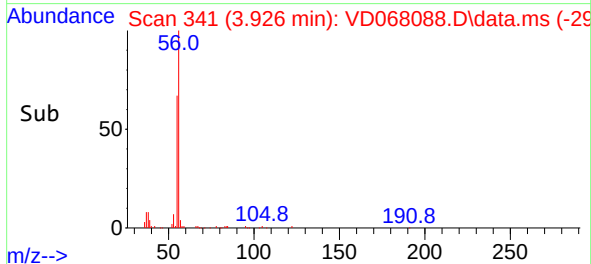
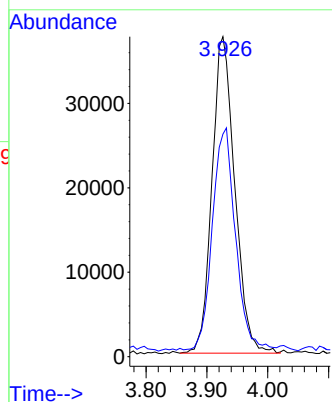
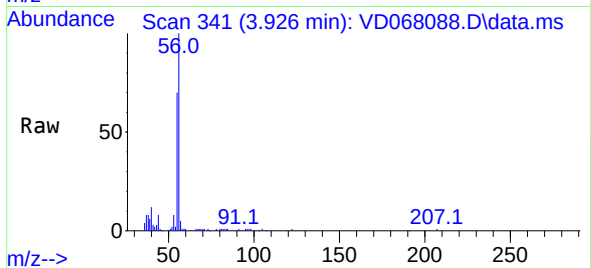




#13  
Acrolein  
Concen: 233.87 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

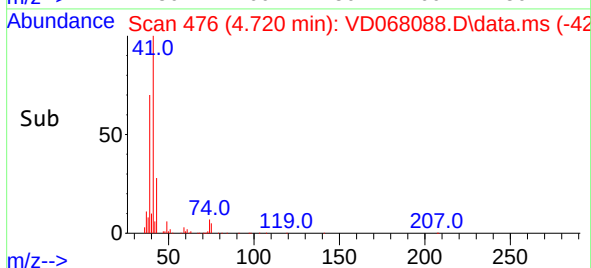
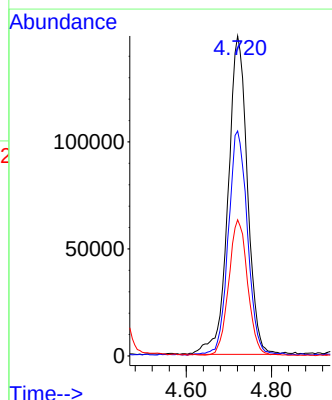
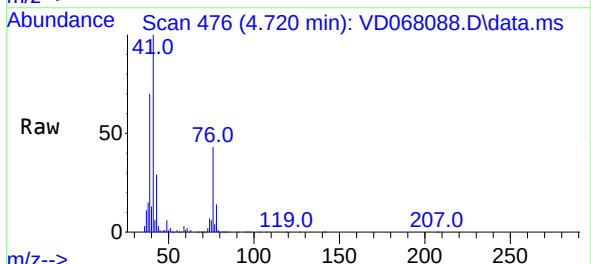
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

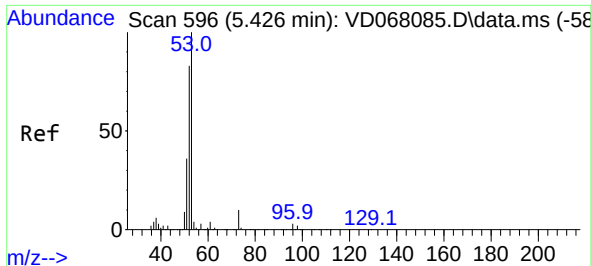
Tgt Ion: 56 Resp: 97356  
Ion Ratio Lower Upper  
56 100  
55 70.9 56.5 84.7



#14  
Allyl chloride  
Concen: 53.24 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 41 Resp: 468537  
Ion Ratio Lower Upper  
41 100  
39 69.7 56.3 84.5  
76 41.6 38.9 58.3

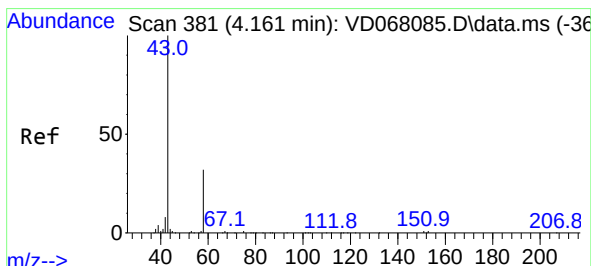
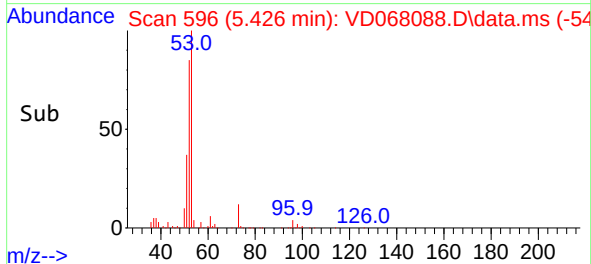
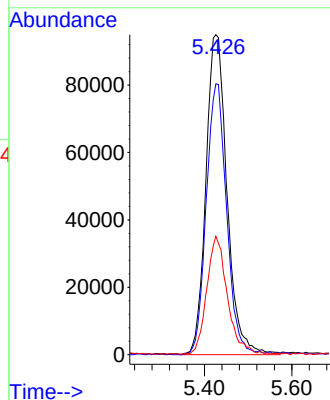
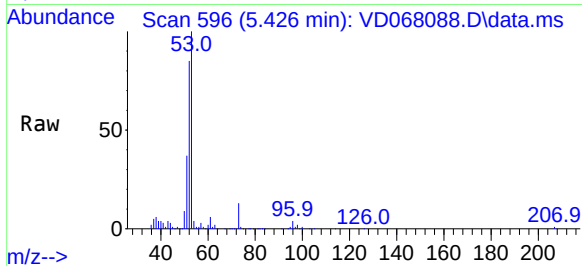




#15  
Acrylonitrile  
Concen: 265.28 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

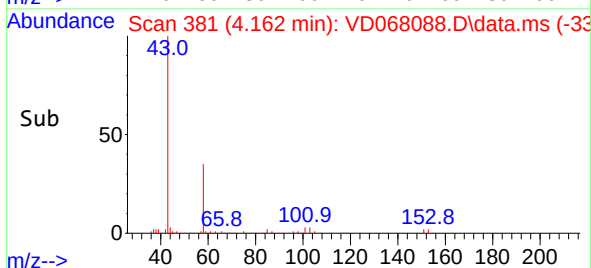
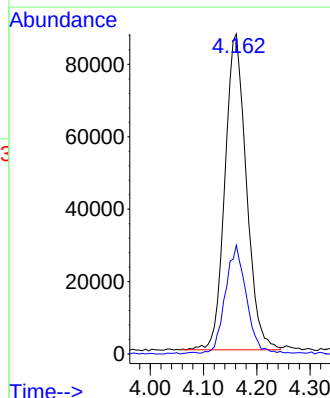
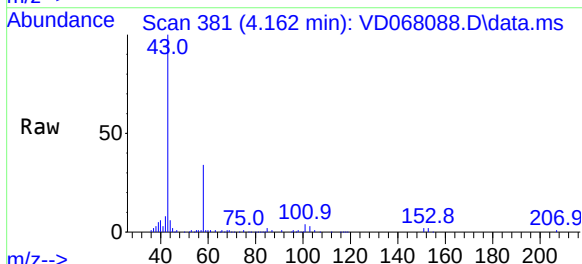
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

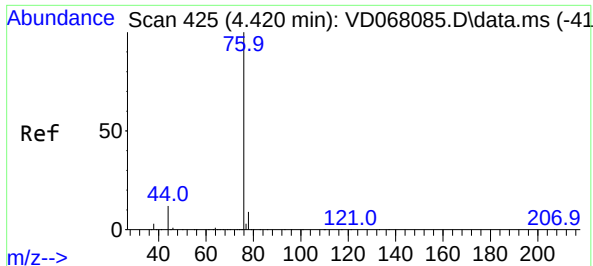
Tgt Ion: 53 Resp: 319101  
Ion Ratio Lower Upper  
53 100  
52 81.7 66.2 99.2  
51 35.5 29.0 43.4



#16  
Acetone  
Concen: 258.93 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 43 Resp: 244223  
Ion Ratio Lower Upper  
43 100  
58 34.4 24.2 36.4

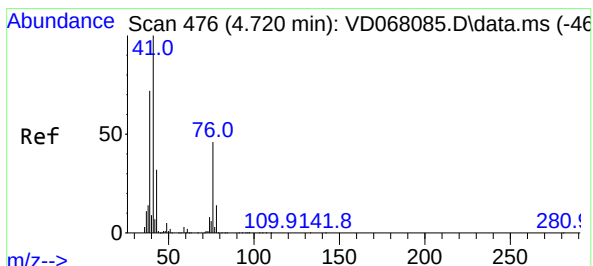
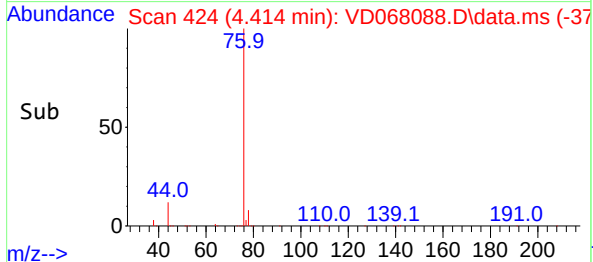
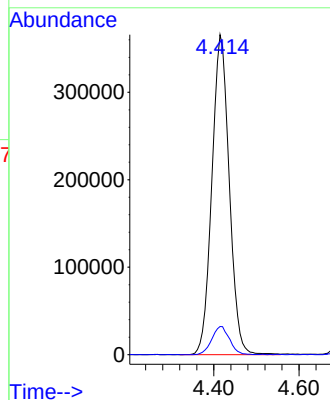
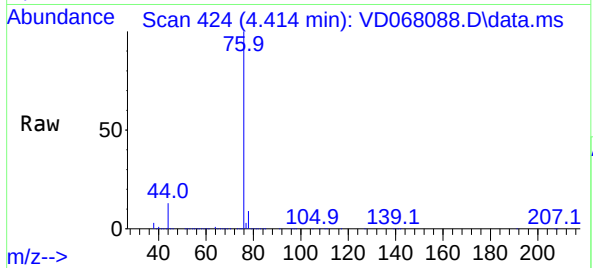




#17  
Carbon Disulfide  
Concen: 53.14 ug/l  
RT: 4.414 min Scan# 424  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

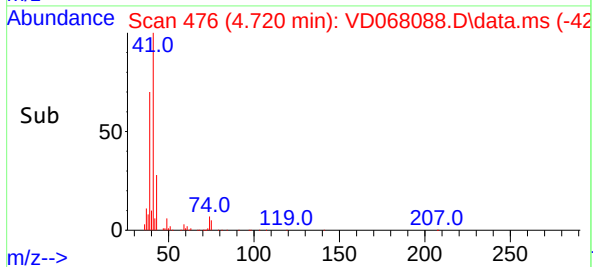
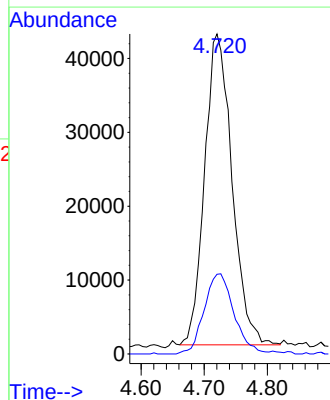
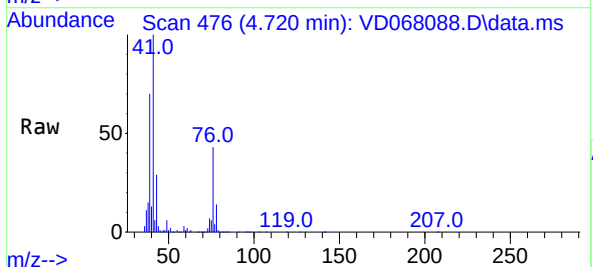
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

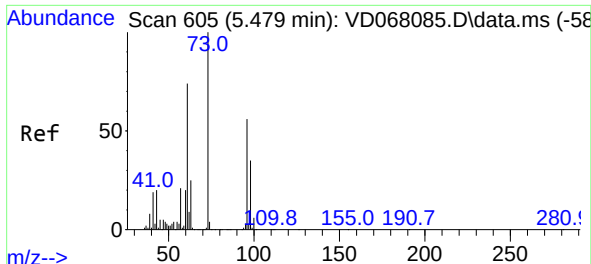
Tgt Ion: 76 Resp: 1035366  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.3 10.9



#18  
Methyl Acetate  
Concen: 51.86 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 43 Resp: 126966  
Ion Ratio Lower Upper  
43 100  
74 28.0 25.4 38.0

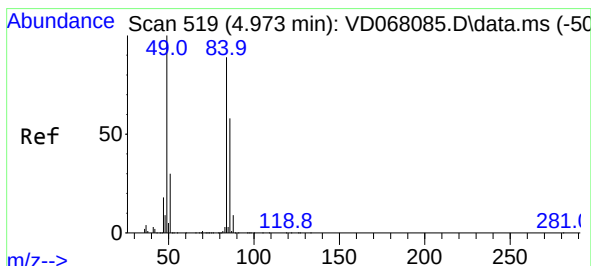
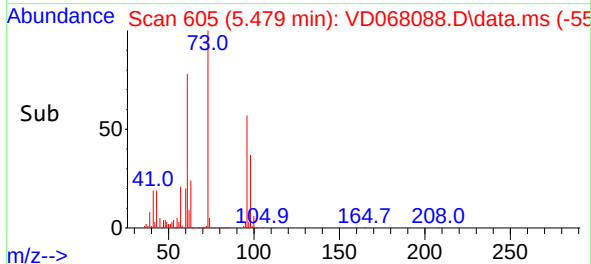
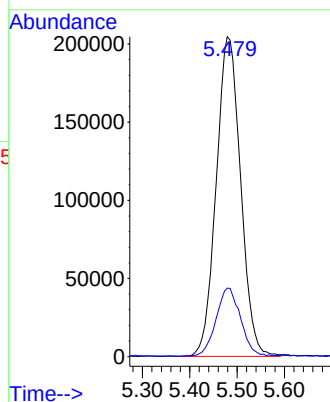
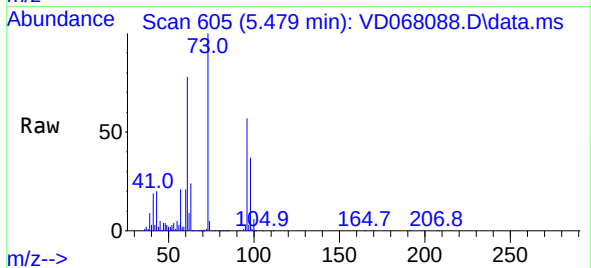




#19  
Methyl tert-butyl Ether  
Concen: 52.25 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

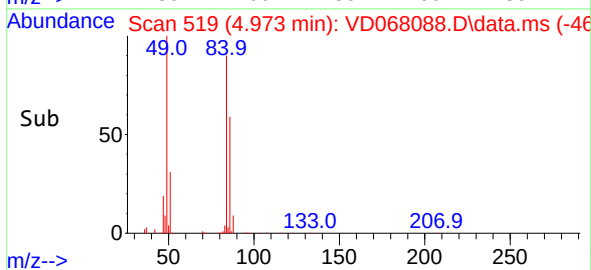
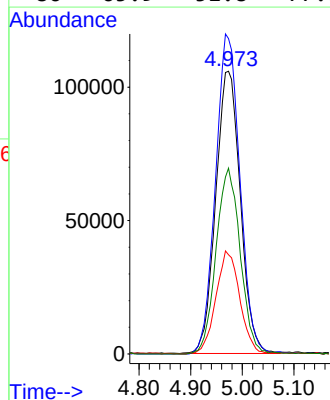
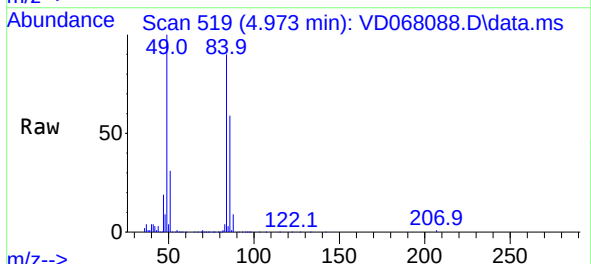
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

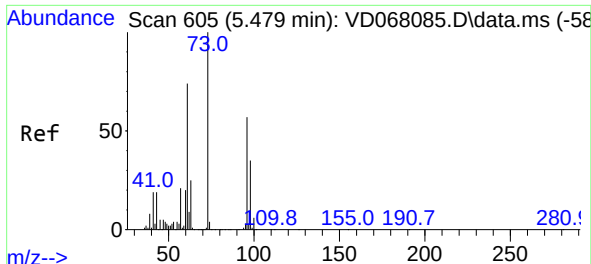
Tgt Ion: 73 Resp: 730777  
Ion Ratio Lower Upper  
73 100  
57 21.2 14.4 21.6



#20  
Methylene Chloride  
Concen: 53.48 ug/l  
RT: 4.973 min Scan# 519  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 84 Resp: 350232  
Ion Ratio Lower Upper  
84 100  
49 111.8 77.4 116.2  
51 35.2 26.1 39.1  
86 65.9 51.8 77.8

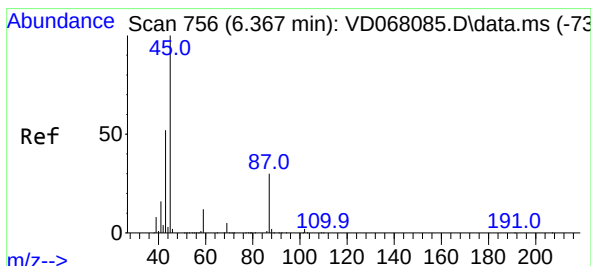
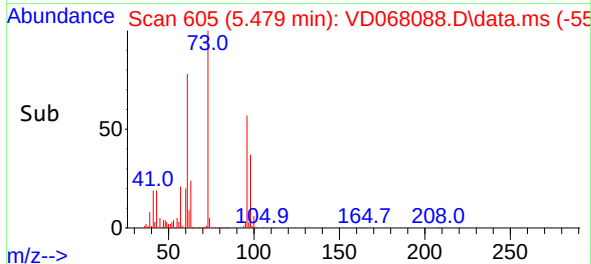
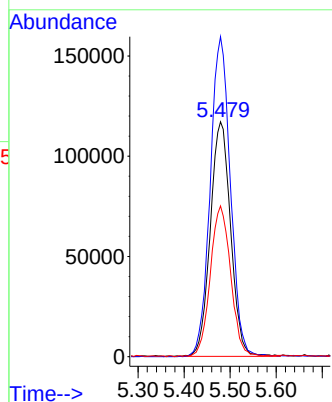
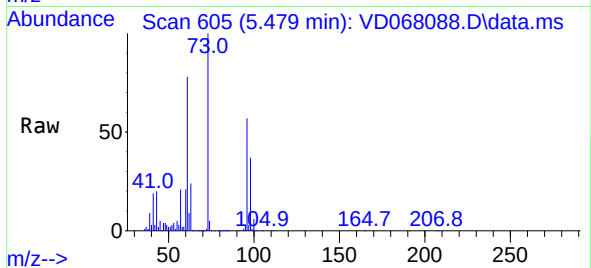




#21  
trans-1,2-Dichloroethene  
Concen: 51.70 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

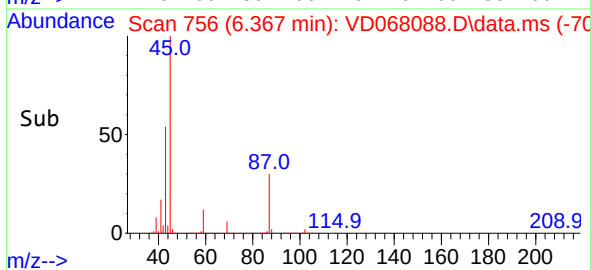
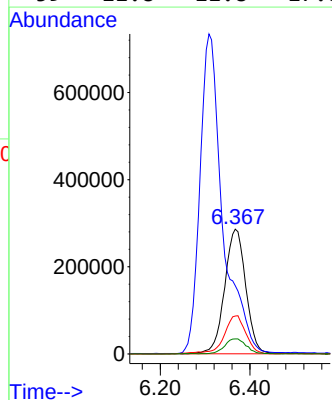
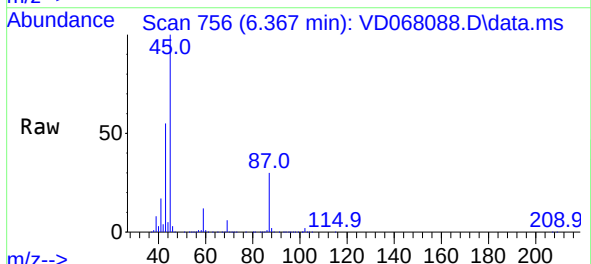
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

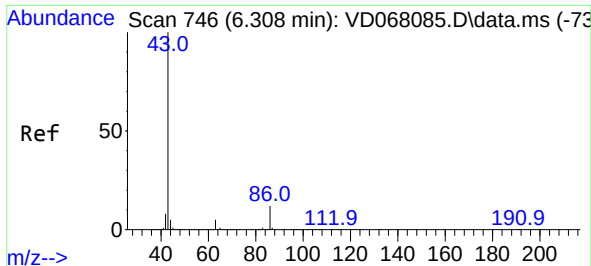
Tgt Ion: 96 Resp: 359054  
Ion Ratio Lower Upper  
96 100  
61 136.3 96.7 145.1  
98 63.8 47.6 71.4



#22  
Diisopropyl ether  
Concen: 52.85 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 45 Resp: 938441  
Ion Ratio Lower Upper  
45 100  
43 54.2 43.9 65.9  
87 30.1 29.9 44.9  
59 11.8 11.8 17.8#

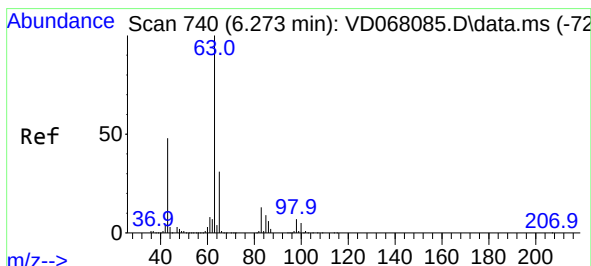
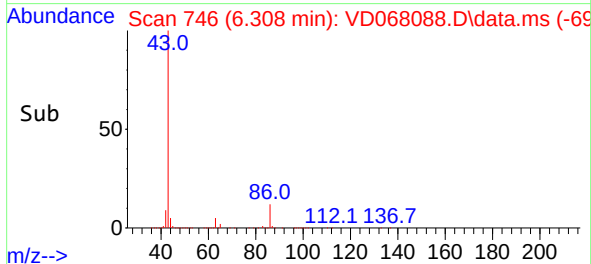
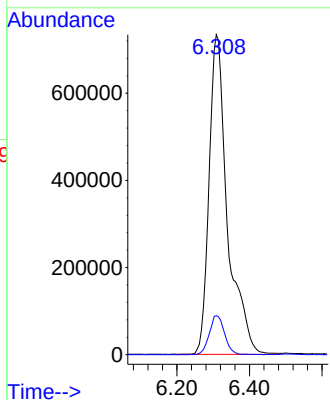
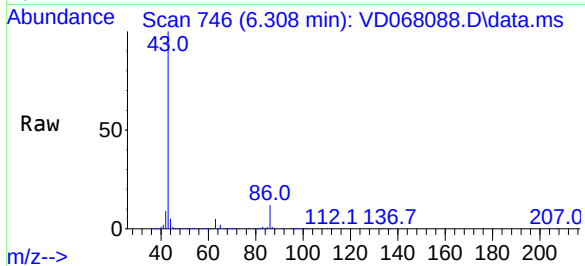




#23  
 Vinyl Acetate  
 Concen: 273.75 ug/l  
 RT: 6.308 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD068088.D  
 Acq: 19 Jan 2021 13:48

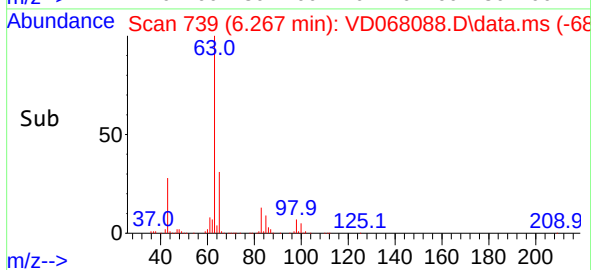
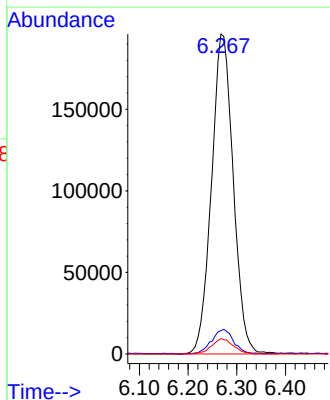
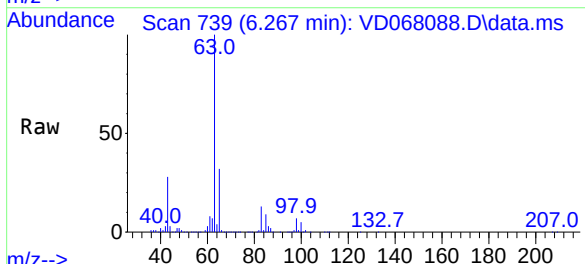
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 ICVVD011921

Tgt Ion: 43 Resp: 2591140  
 Ion Ratio Lower Upper  
 43 100  
 86 12.2 10.8 16.2

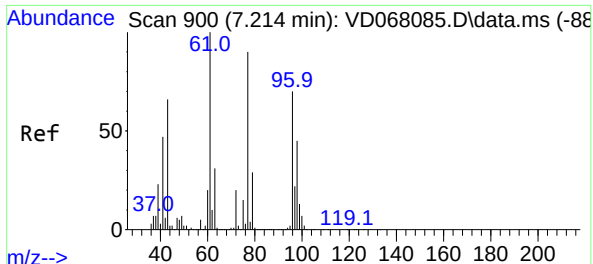


#24  
 1,1-Dichloroethane  
 Concen: 52.91 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. -0.006 min  
 Lab File: VD068088.D  
 Acq: 19 Jan 2021 13:48

Tgt Ion: 63 Resp: 608805  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.8 11.4  
 100 4.8 2.6 8.0



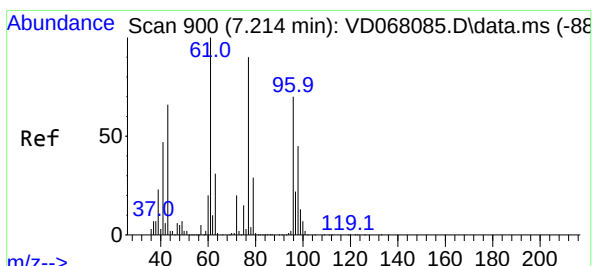
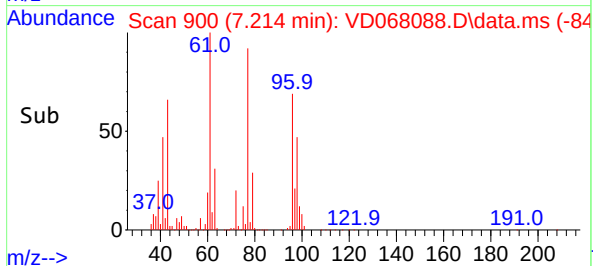
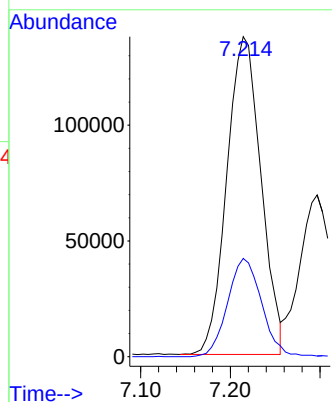
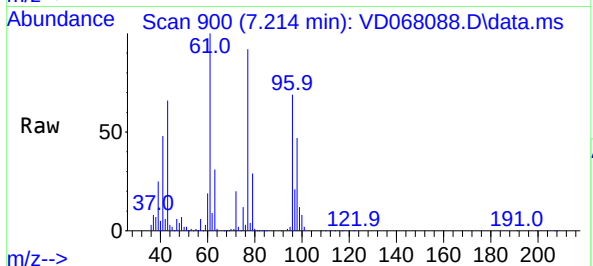




#25  
2-Butanone  
Concen: 255.55 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

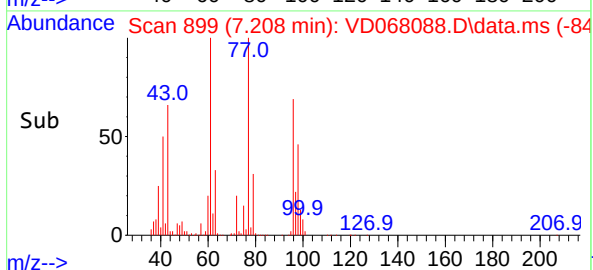
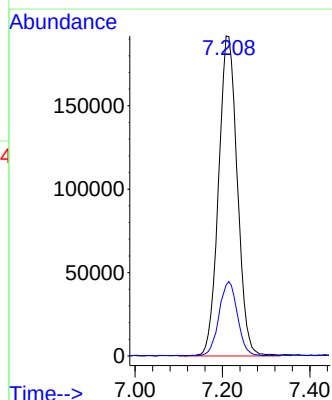
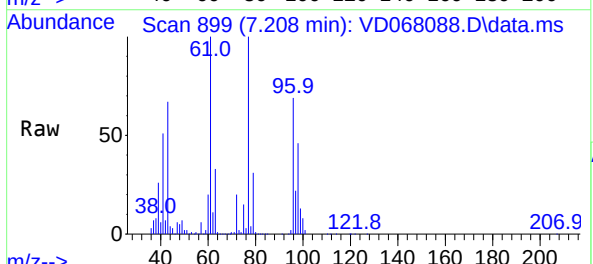
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

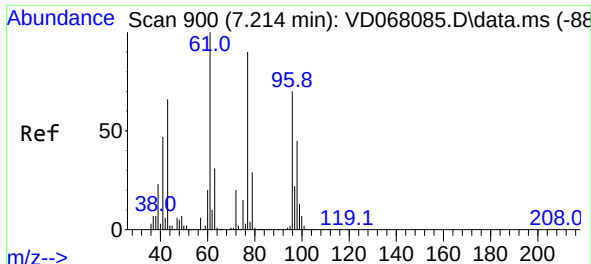
Tgt Ion: 43 Resp: 362936  
Ion Ratio Lower Upper  
43 100  
72 30.9 25.1 37.7



#26  
2,2-Dichloropropane  
Concen: 52.30 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 77 Resp: 569301  
Ion Ratio Lower Upper  
77 100  
97 22.7 11.7 35.1

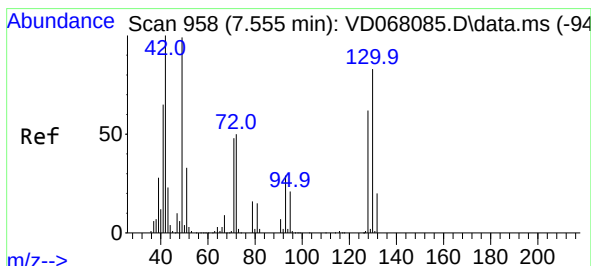
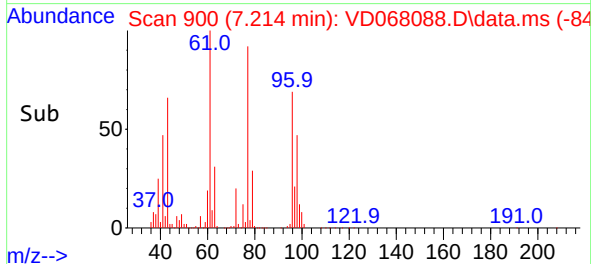
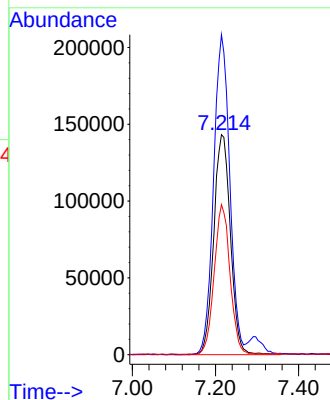
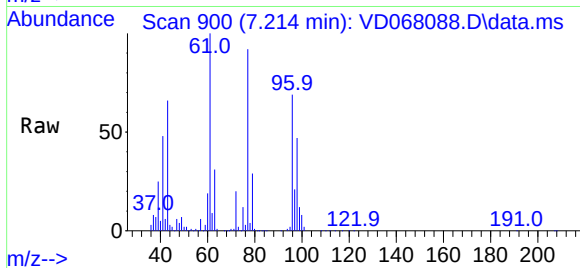




#27  
cis-1,2-Dichloroethene  
Concen: 52.99 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

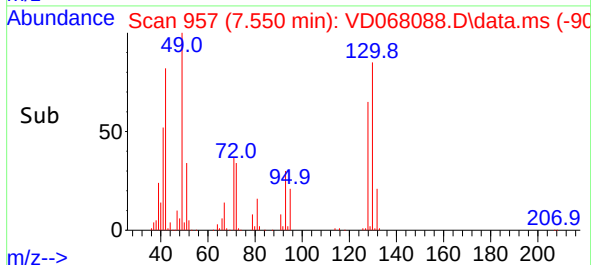
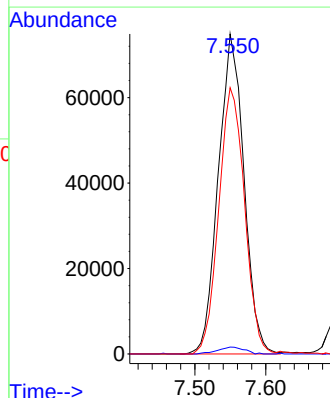
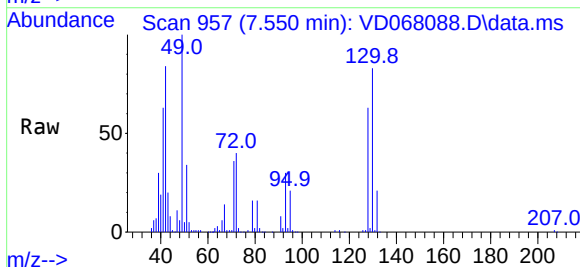
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

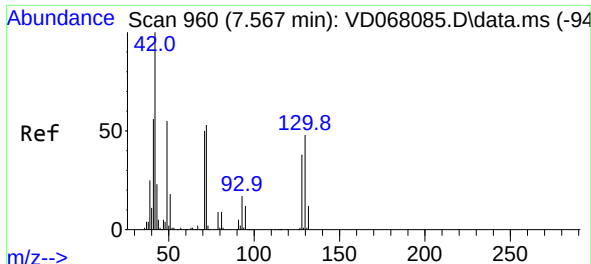
Tgt Ion: 96 Resp: 399595  
Ion Ratio Lower Upper  
96 100  
61 140.4 0.0 257.4  
98 64.7 0.0 126.6



#28  
Bromochloromethane  
Concen: 47.77 ug/l  
RT: 7.550 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 49 Resp: 187245  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.8  
130 83.7 85.5 128.3#

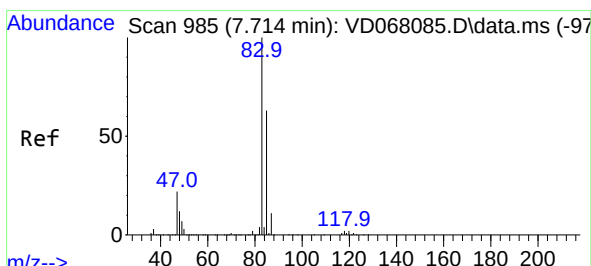
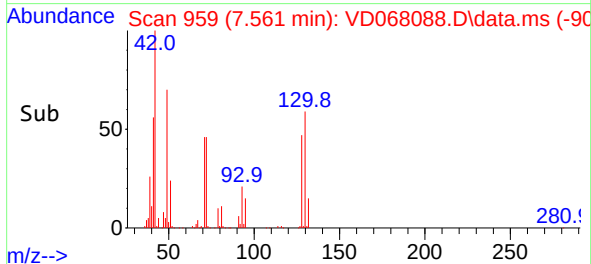
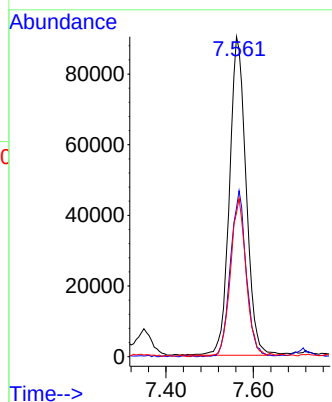
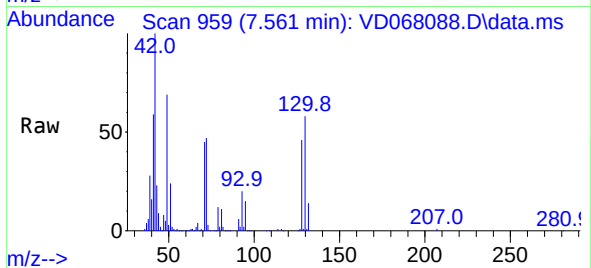




#29  
Tetrahydrofuran  
Concen: 258.80 ug/l  
RT: 7.561 min Scan# 959  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

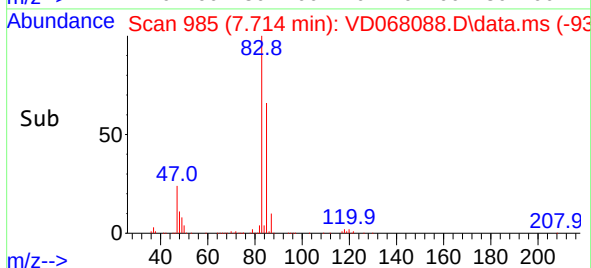
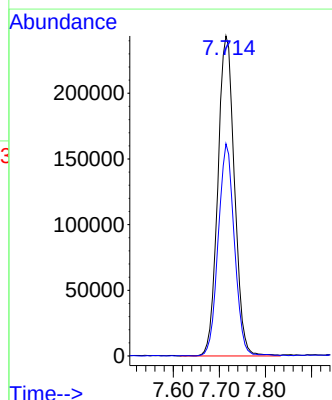
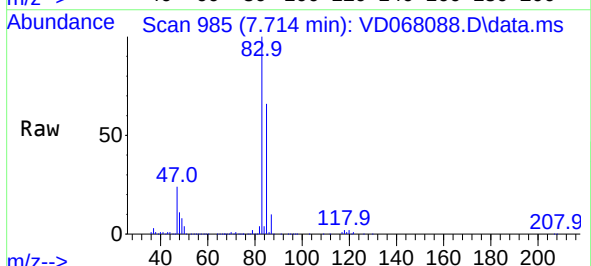
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

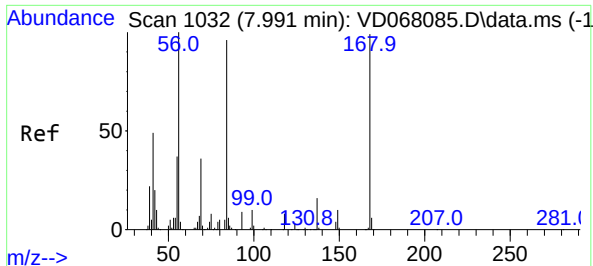
Tgt Ion: 42 Resp: 238264  
Ion Ratio Lower Upper  
42 100  
72 49.6 43.4 65.0  
71 46.4 40.8 61.2



#30  
Chloroform  
Concen: 52.60 ug/l  
RT: 7.714 min Scan# 985  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 83 Resp: 611516  
Ion Ratio Lower Upper  
83 100  
85 66.2 53.4 80.0

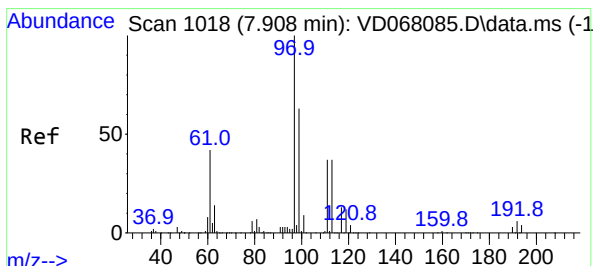
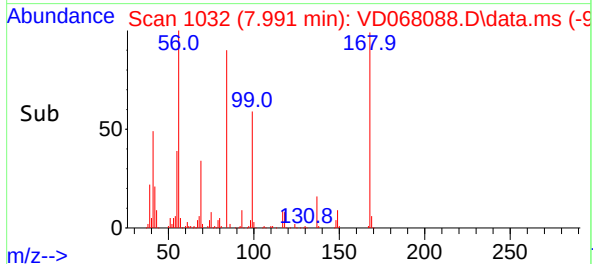
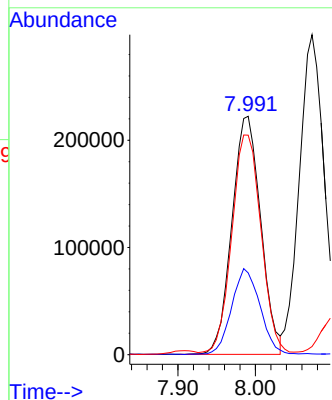
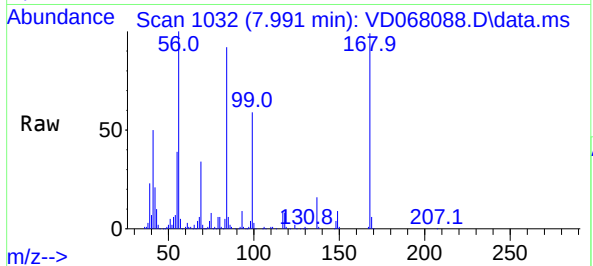




#31  
Cyclohexane  
Concen: 50.26 ug/l  
RT: 7.991 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

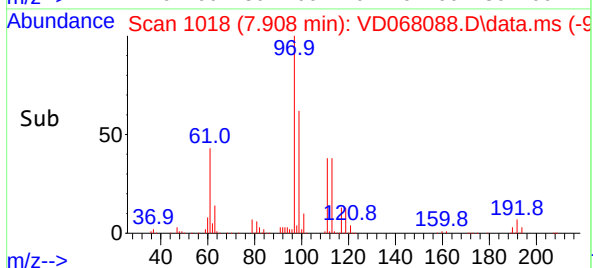
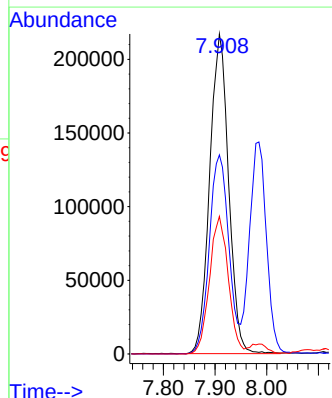
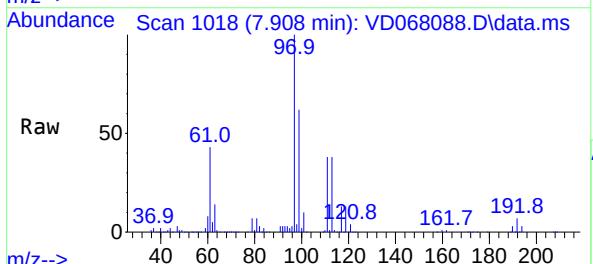
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

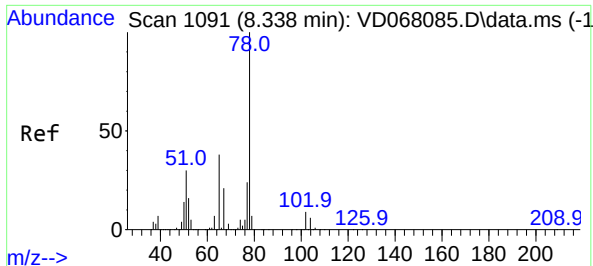
Tgt Ion: 56 Resp: 574919  
Ion Ratio Lower Upper  
56 100  
69 34.1 30.1 45.1  
84 90.5 82.1 123.1



#32  
1,1,1-Trichloroethane  
Concen: 52.72 ug/l  
RT: 7.908 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 97 Resp: 552385  
Ion Ratio Lower Upper  
97 100  
99 64.6 52.1 78.1  
61 42.6 30.1 45.1

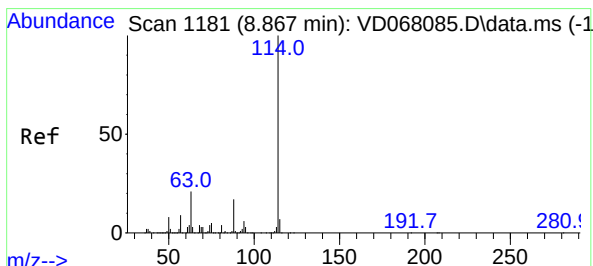
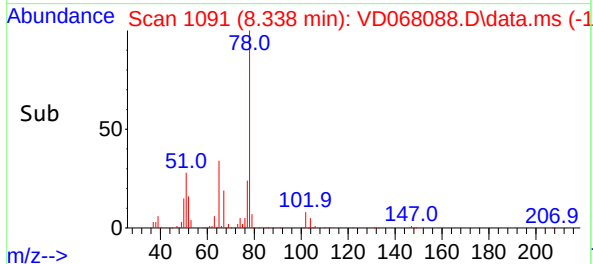
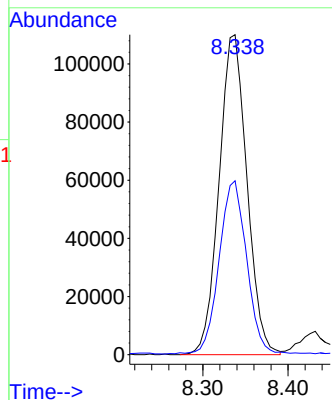
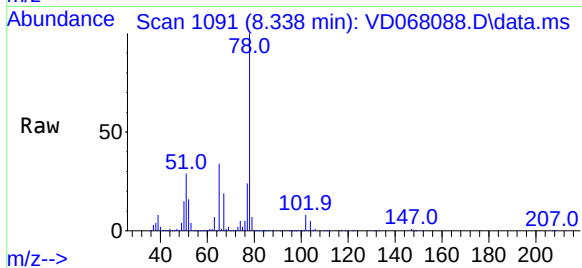




#33  
1,2-Dichloroethane-d4  
Concen: 47.34 ug/l  
RT: 8.338 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

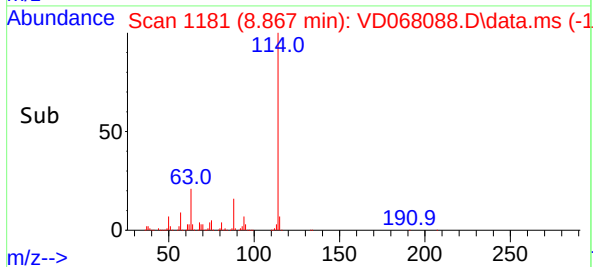
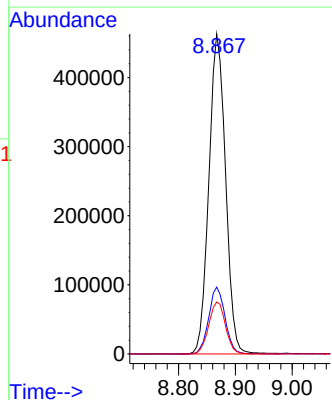
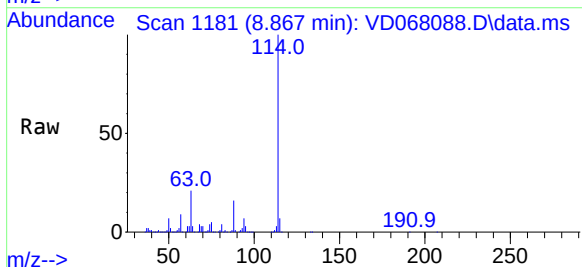
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

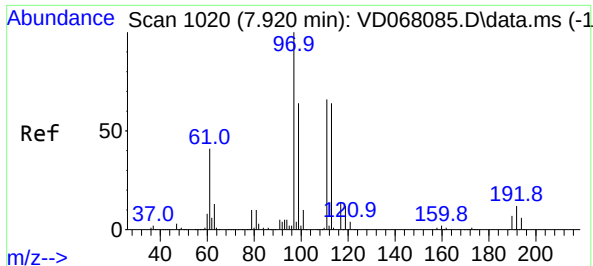
Tgt Ion: 65 Resp: 250082  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 105.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion:114 Resp: 941259  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 34.8  
88 16.2 0.0 31.6

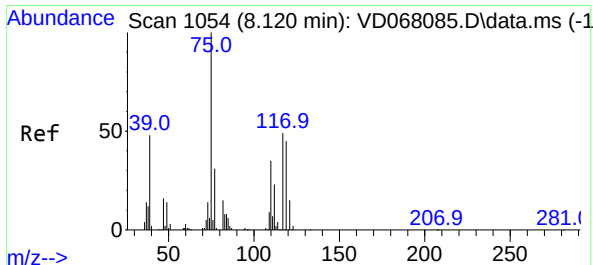
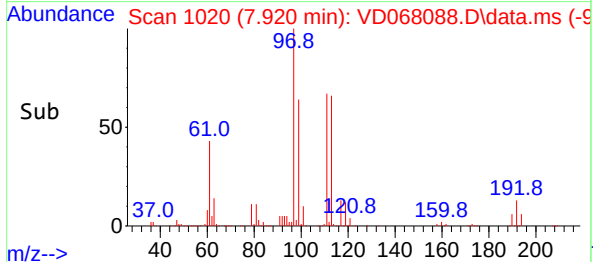
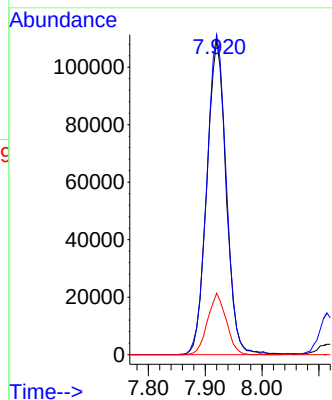
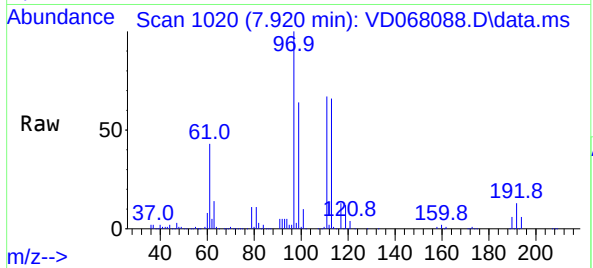




#35  
Dibromofluoromethane  
Concen: 49.44 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

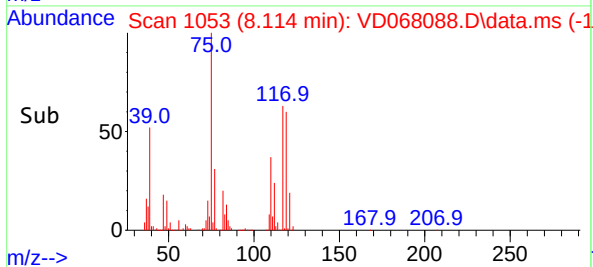
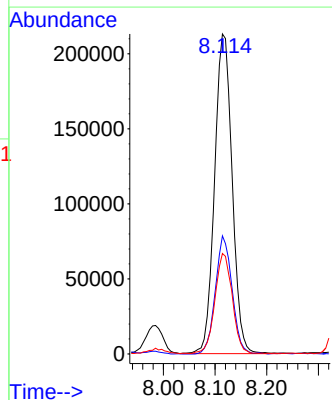
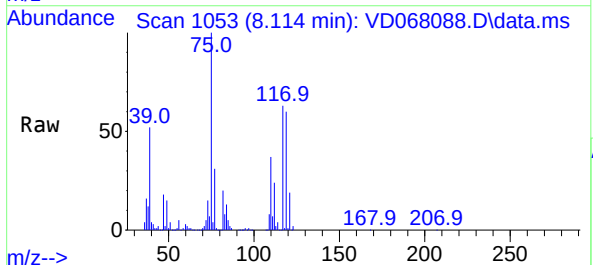
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

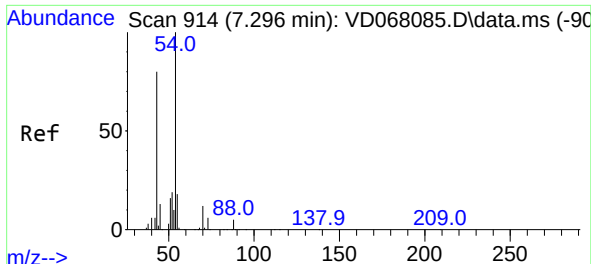
Tgt Ion:113 Resp: 257269  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.4 122.0  
192 18.9 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 53.06 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 75 Resp: 503687  
Ion Ratio Lower Upper  
75 100  
110 35.1 19.4 58.2  
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 51.69 ug/l

RT: 7.297 min Scan# 914

Delta R.T. 0.000 min

Lab File: VD068088.D

Acq: 19 Jan 2021 13:48

Instrument :

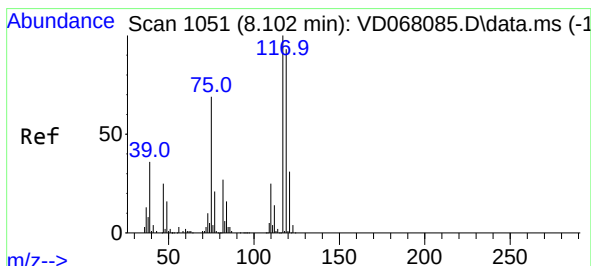
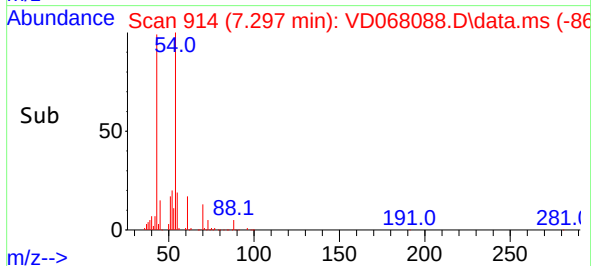
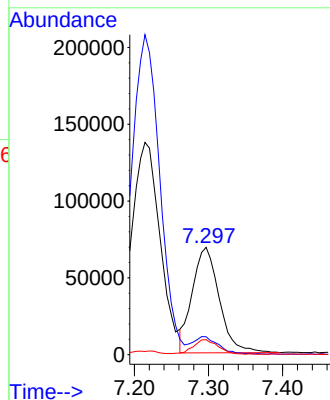
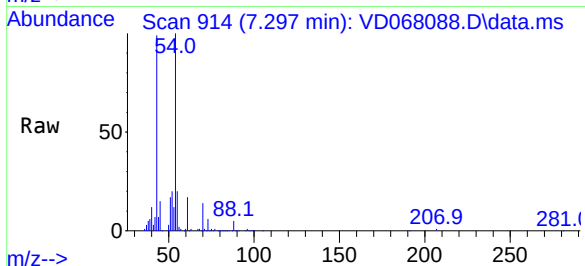
MSVOA\_D

ClientSampleId :

ICVVD011921

Tgt Ion: 43 Resp: 173546

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.2  | 12.9  | 19.3  |
| 70  | 13.2  | 11.0  | 16.6  |



#38

Carbon Tetrachloride

Concen: 53.43 ug/l

RT: 8.102 min Scan# 1051

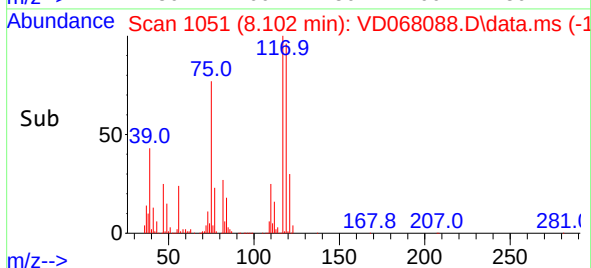
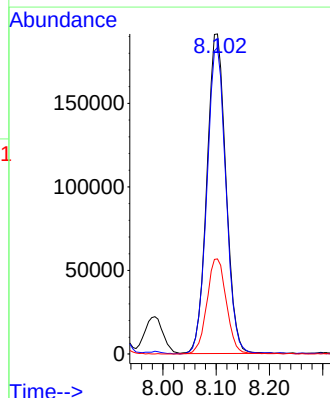
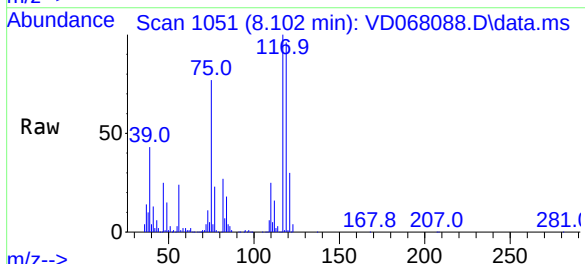
Delta R.T. 0.000 min

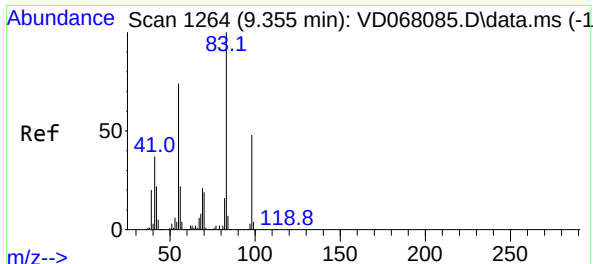
Lab File: VD068088.D

Acq: 19 Jan 2021 13:48

Tgt Ion: 117 Resp: 474681

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.9  | 77.3  | 115.9 |
| 121 | 29.8  | 24.7  | 37.1  |

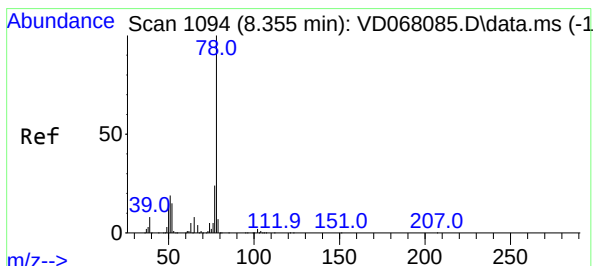
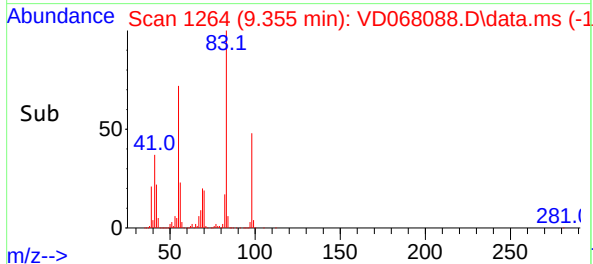
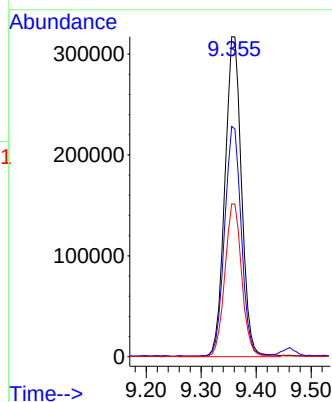
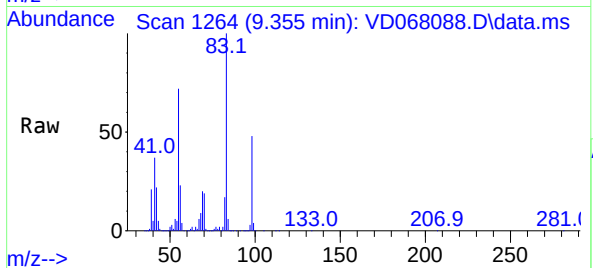




#39  
Methylcyclohexane  
Concen: 53.64 ug/l  
RT: 9.355 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

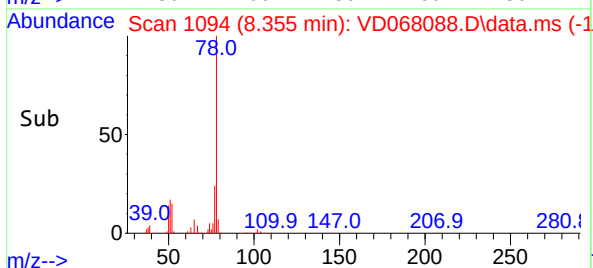
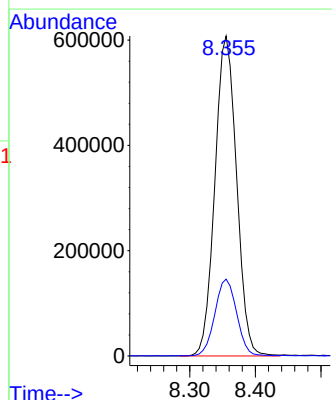
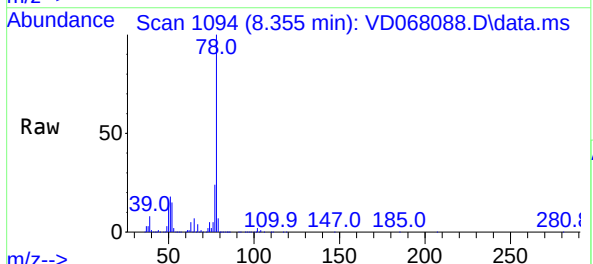
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

Tgt Ion: 83 Resp: 665625  
Ion Ratio Lower Upper  
83 100  
55 71.6 55.2 82.8  
98 47.7 39.1 58.7

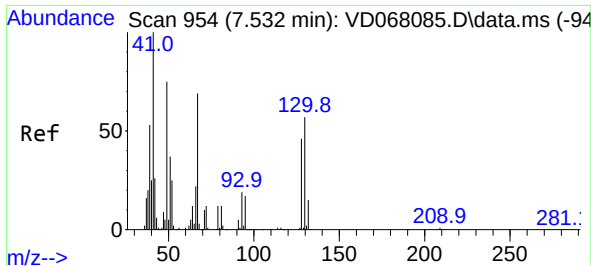


#40  
Benzene  
Concen: 52.49 ug/l  
RT: 8.355 min Scan# 1094  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 78 Resp: 1393011  
Ion Ratio Lower Upper  
78 100  
77 23.9 17.8 26.6



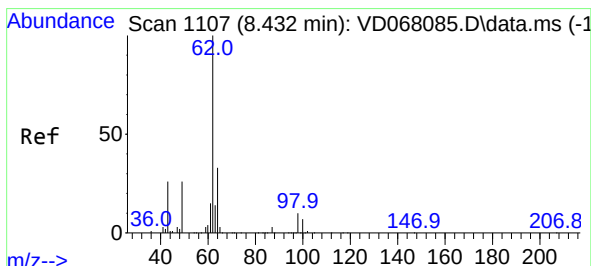
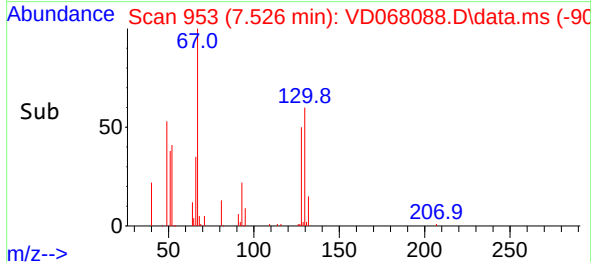
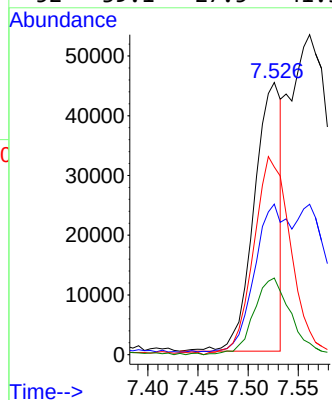
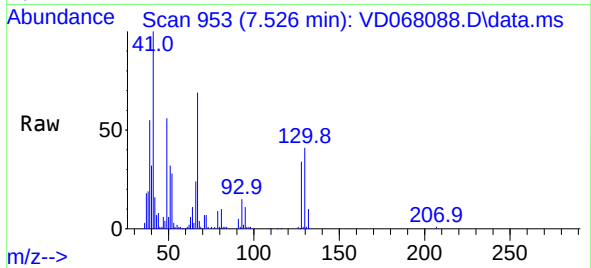




#41  
Methacrylonitrile  
Concen: 41.53 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

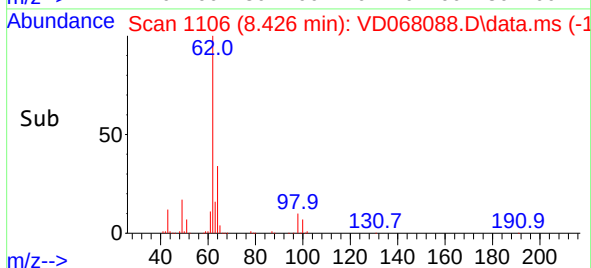
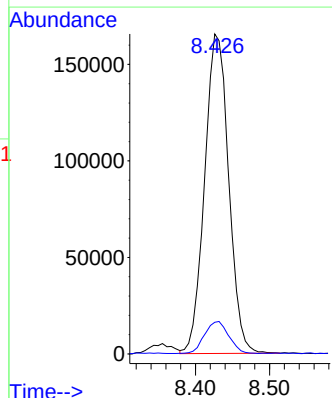
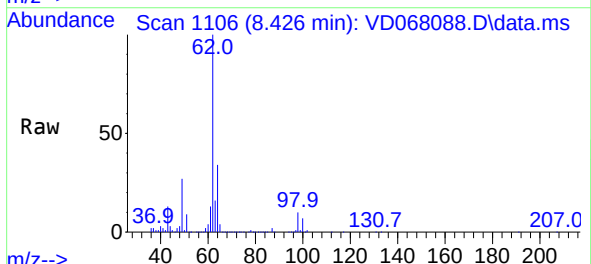
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

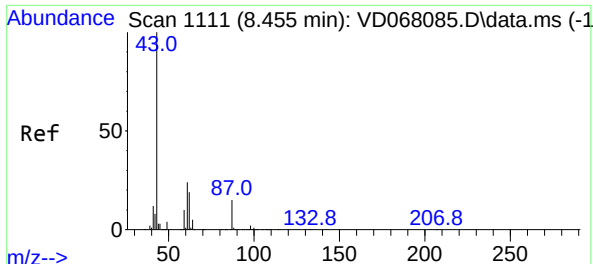
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 84149  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 71.7  | 45.2  | 67.8#  |
| 67       | 102.6 | 67.4  | 101.2# |
| 52       | 39.1  | 27.5  | 41.3   |



#42  
1,2-Dichloroethane  
Concen: 52.68 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 373583 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.1  | 0.0   | 21.8   |



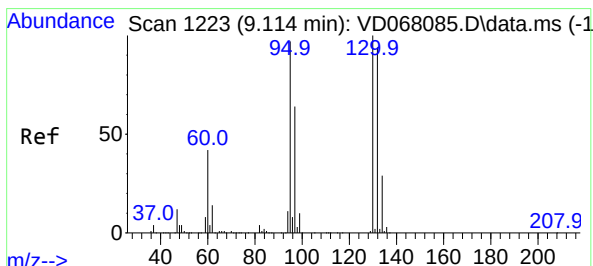
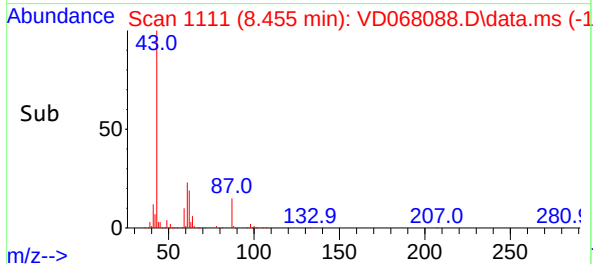
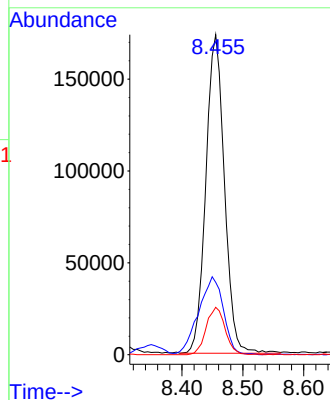
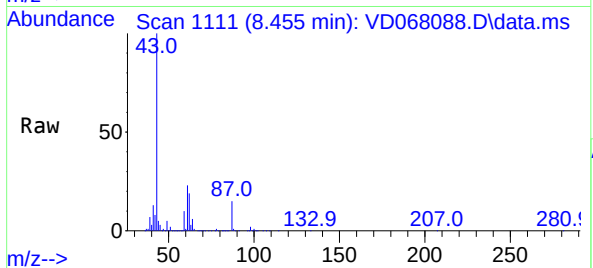


#43

Isopropyl Acetate  
Concen: 52.56 ug/l  
RT: 8.455 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

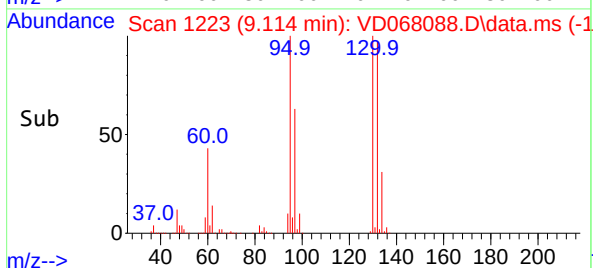
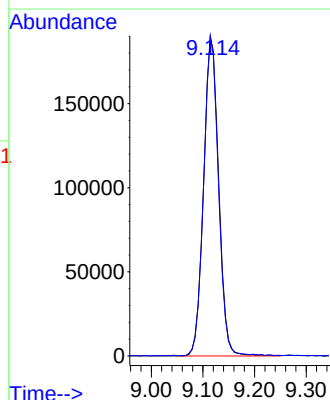
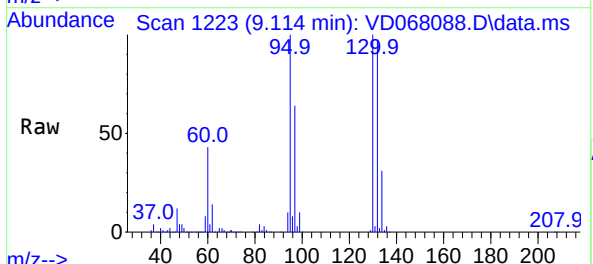
Tgt Ion: 43 Resp: 367779  
Ion Ratio Lower Upper  
43 100  
61 32.8 28.7 43.1  
87 15.2 13.9 20.9

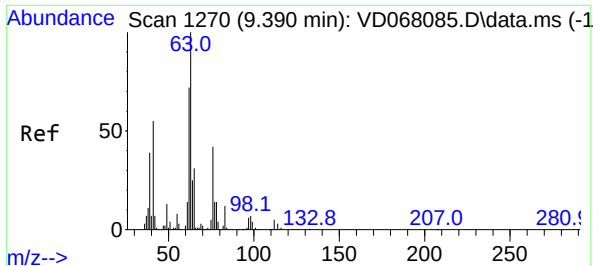


#44

Trichloroethene  
Concen: 52.76 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 130 Resp: 384567  
Ion Ratio Lower Upper  
130 100  
95 100.0 0.0 191.2

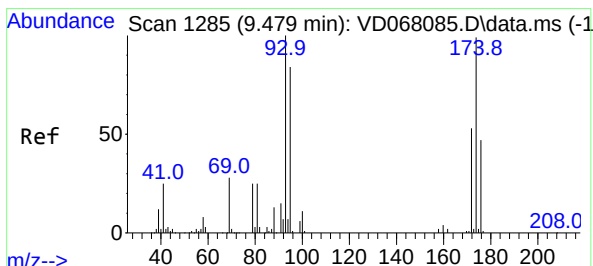
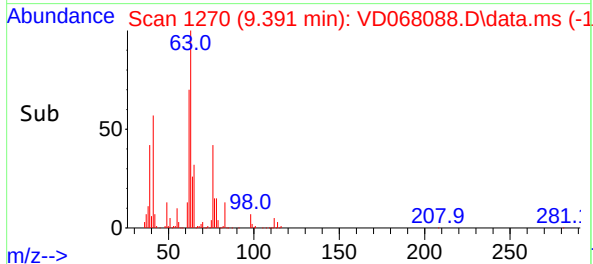
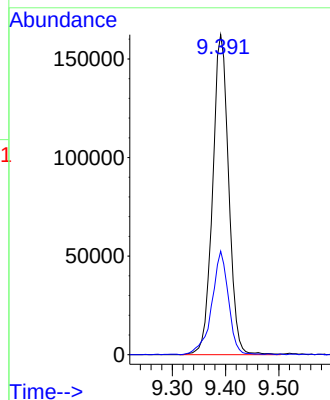
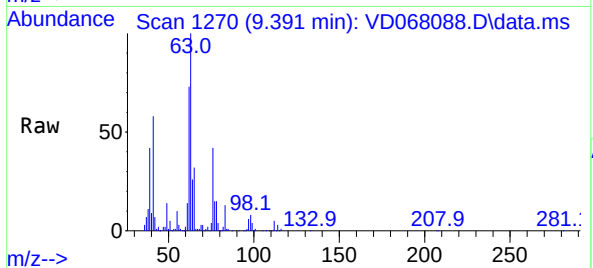




#45  
1,2-Dichloropropane  
Concen: 52.29 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

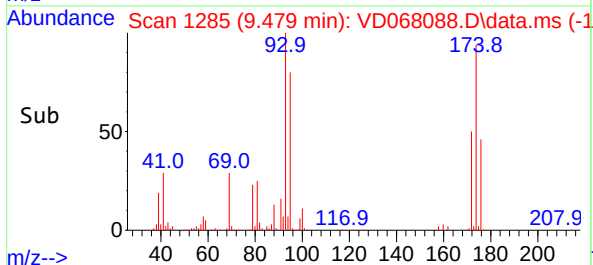
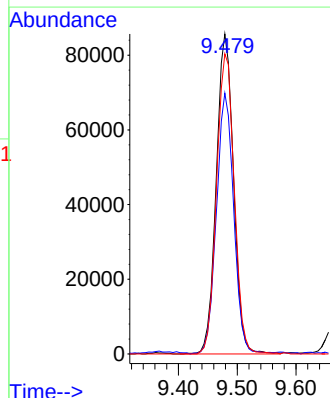
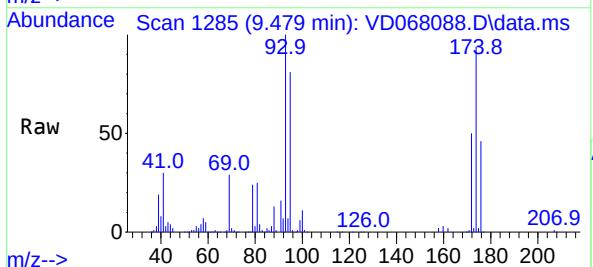
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

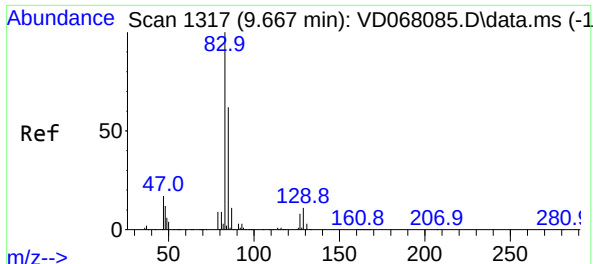
Tgt Ion: 63 Resp: 339821  
Ion Ratio Lower Upper  
63 100  
65 32.3 26.6 40.0



#46  
Dibromomethane  
Concen: 53.03 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 93 Resp: 174622  
Ion Ratio Lower Upper  
93 100  
95 81.9 67.3 100.9  
174 96.0 84.6 127.0

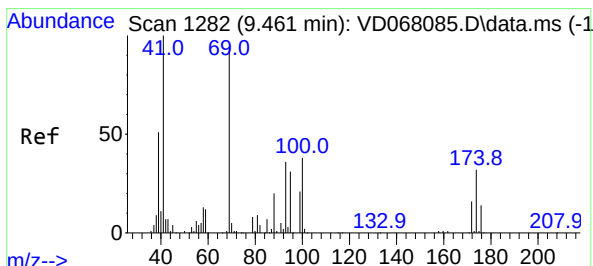
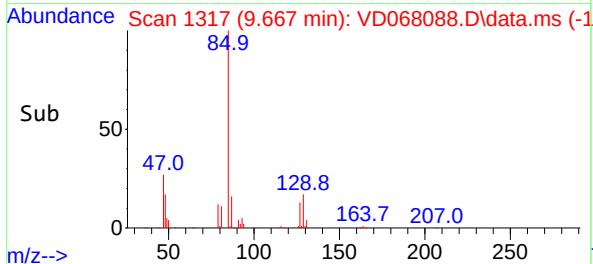
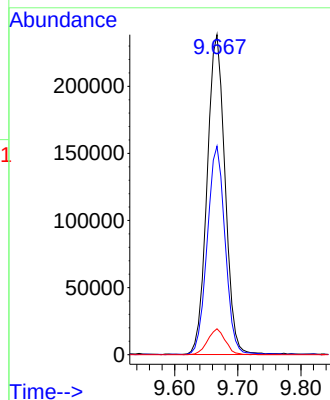
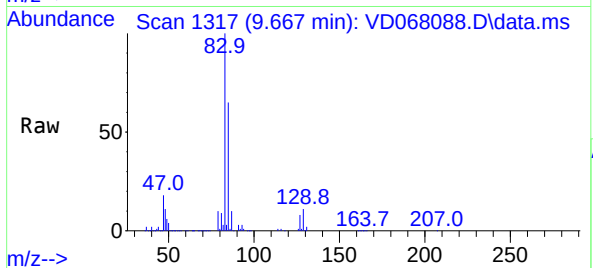




#47  
Bromodichloromethane  
Concen: 52.91 ug/l  
RT: 9.667 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

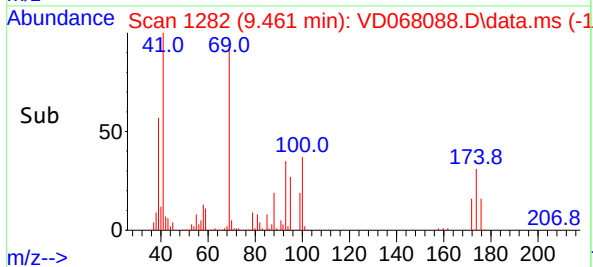
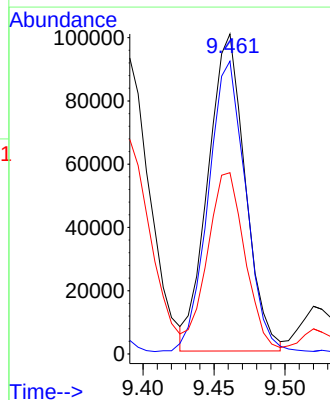
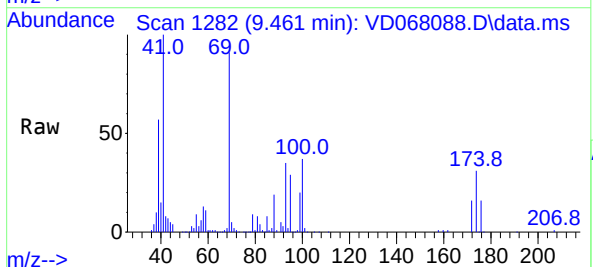
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

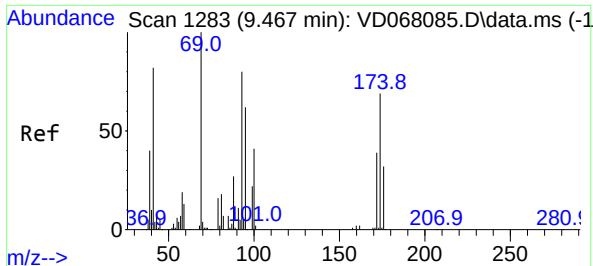
Tgt Ion: 83 Resp: 470150  
Ion Ratio Lower Upper  
83 100  
85 65.1 51.6 77.4  
127 8.1 7.4 11.0



#48  
Methyl methacrylate  
Concen: 52.55 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 41 Resp: 183015  
Ion Ratio Lower Upper  
41 100  
69 92.3 77.1 115.7  
39 54.4 41.5 62.3

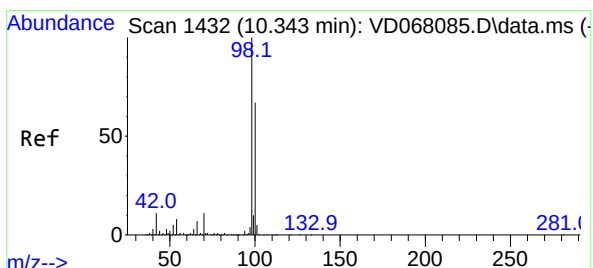
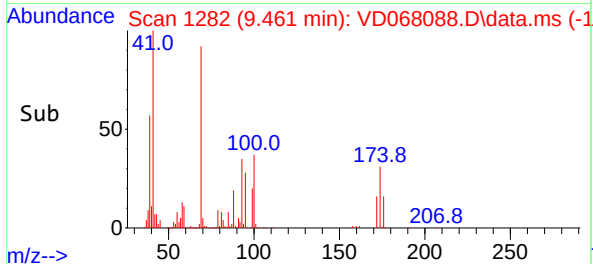
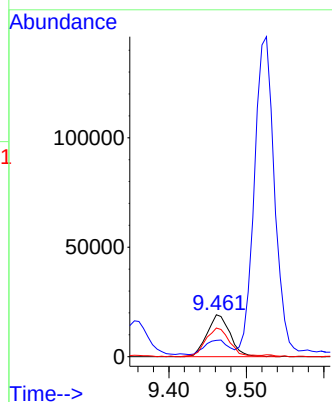
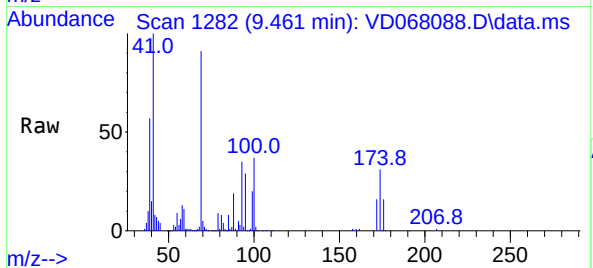




#49  
1,4-Dioxane  
Concen: 1023.95 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

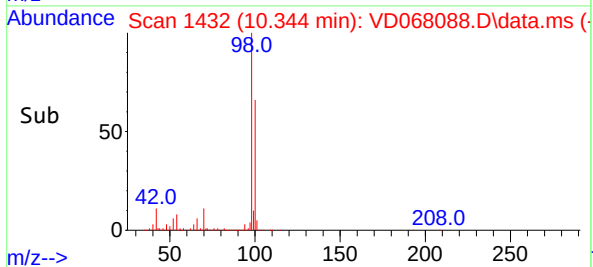
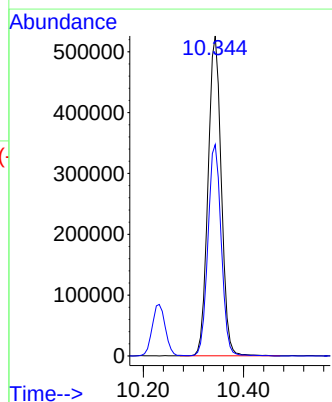
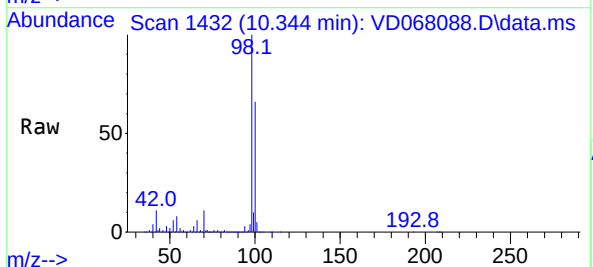
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

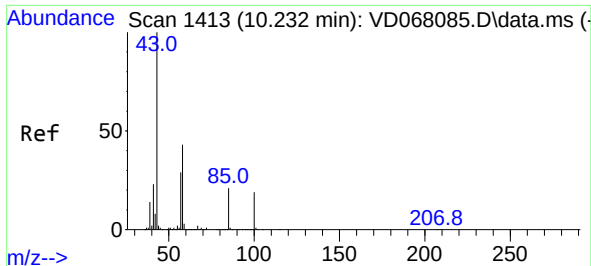
Tgt Ion: 88 Resp: 39516  
Ion Ratio Lower Upper  
88 100  
43 34.6 22.1 33.1#  
58 71.3 46.7 70.1#



#50  
Toluene-d8  
Concen: 46.34 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 98 Resp: 964633  
Ion Ratio Lower Upper  
98 100  
100 65.9 53.0 79.4

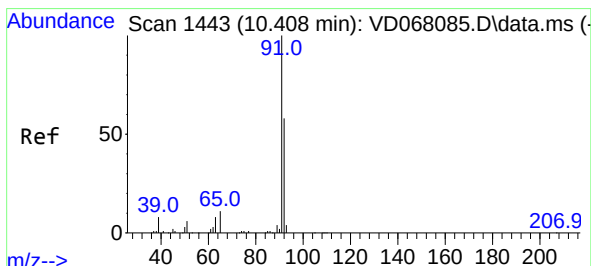
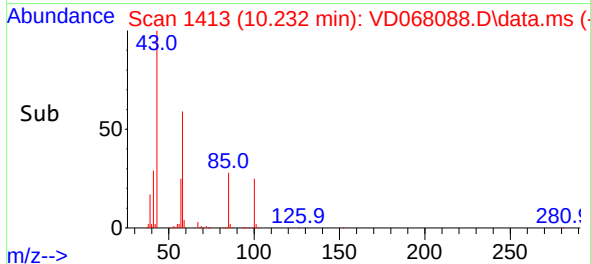
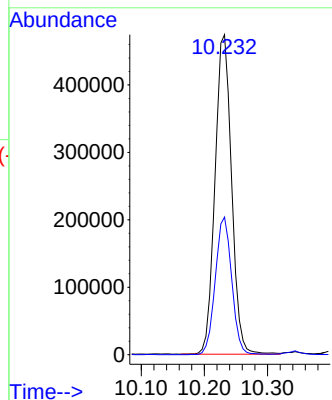
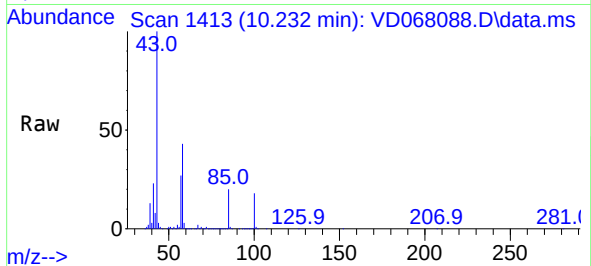




#51  
4-Methyl-2-Pentanone  
Concen: 266.01 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

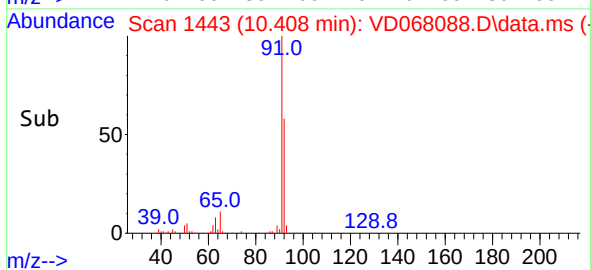
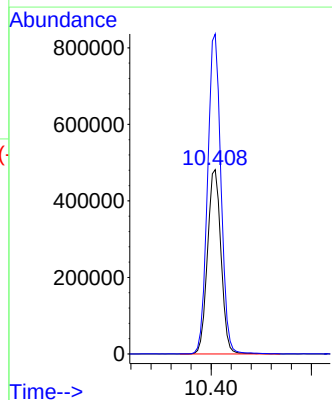
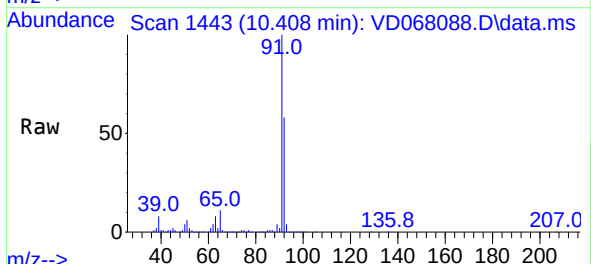
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

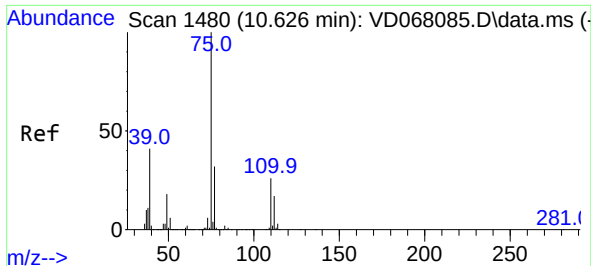
Tgt Ion: 43 Resp: 865235  
Ion Ratio Lower Upper  
43 100  
58 42.7 36.1 54.1



#52  
Toluene  
Concen: 52.12 ug/l  
RT: 10.408 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 92 Resp: 901263  
Ion Ratio Lower Upper  
92 100  
91 172.0 134.1 201.1

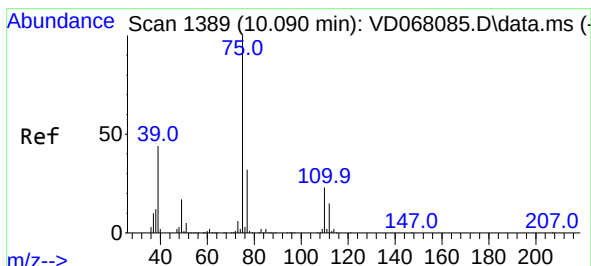
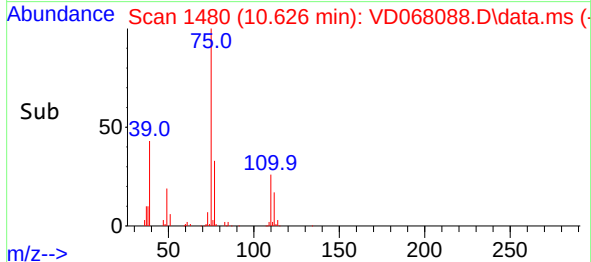
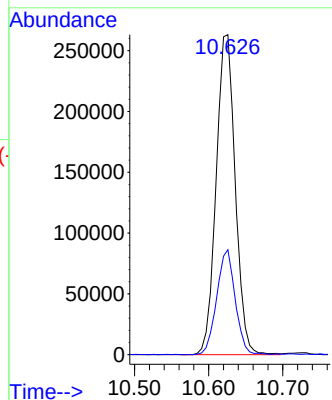
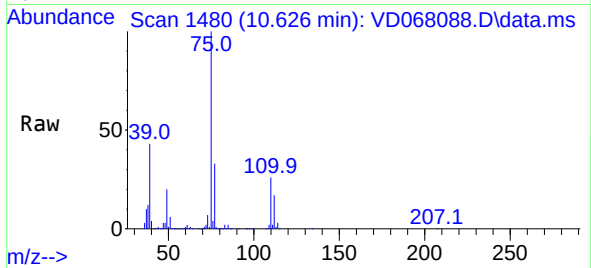




#53  
t-1,3-Dichloropropene  
Concen: 52.41 ug/l  
RT: 10.626 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

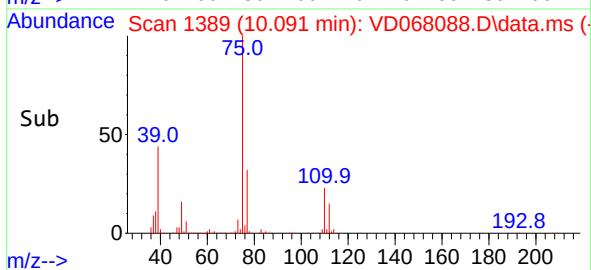
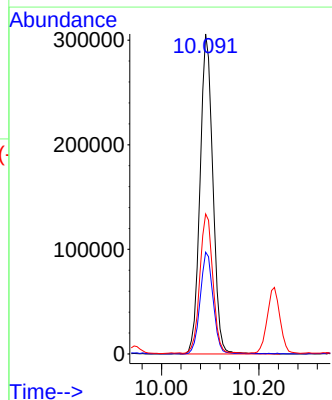
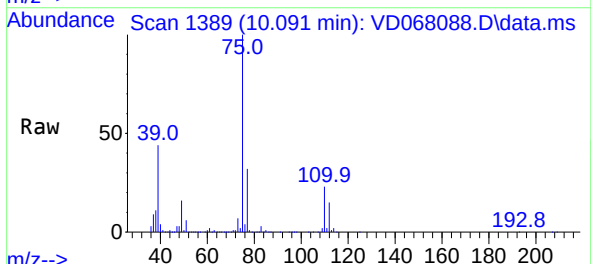
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

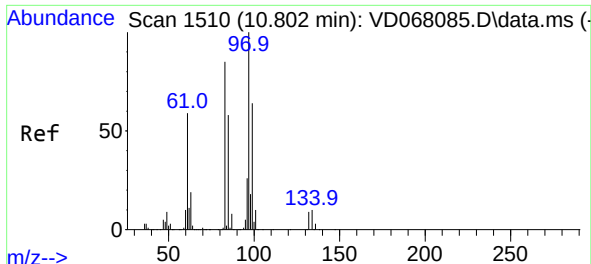
Tgt Ion: 75 Resp: 471373  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 52.30 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 75 Resp: 559888  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.6 37.0  
39 43.4 31.4 47.0



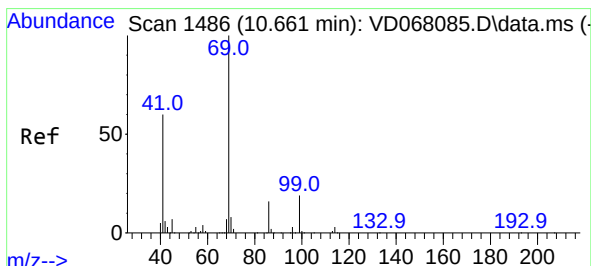
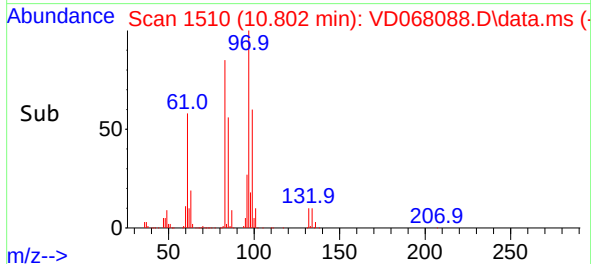
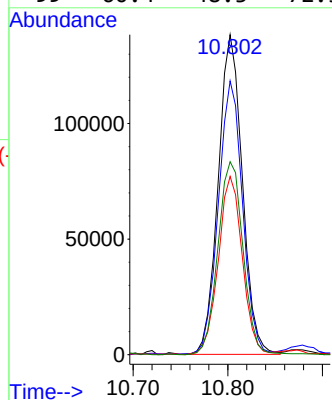
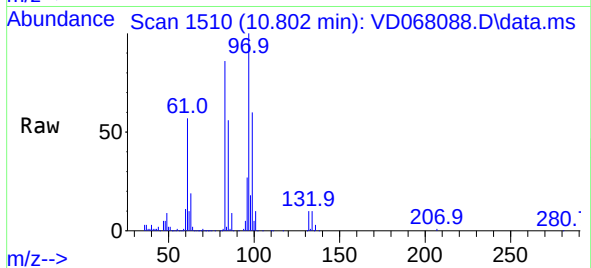


#55  
1,1,2-Trichloroethane  
Concen: 52.44 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

Tgt Ion: 97 Resp: 244760

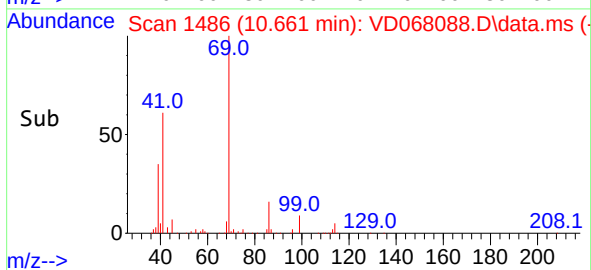
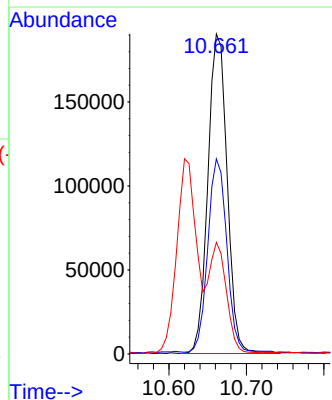
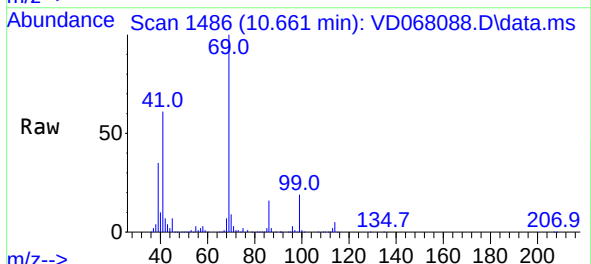
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.4  | 61.8  | 92.6  |
| 85  | 55.7  | 42.2  | 63.2  |
| 99  | 60.4  | 48.3  | 72.5  |



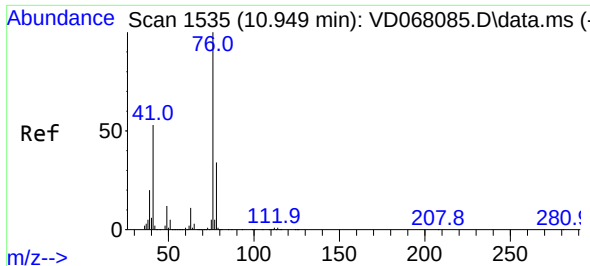
#56  
Ethyl methacrylate  
Concen: 52.88 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 69 Resp: 328725

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.3  | 44.9  | 67.3  |
| 39  | 27.3  | 21.9  | 32.9  |



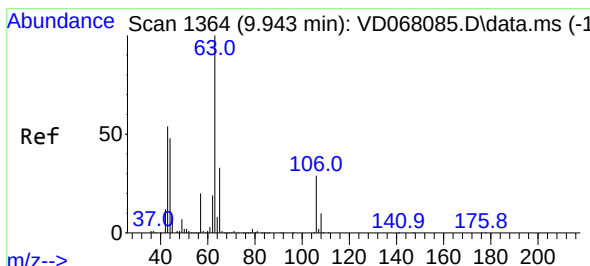
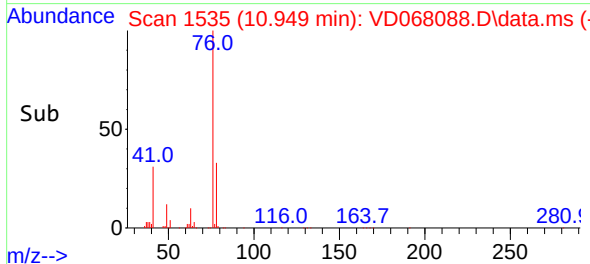
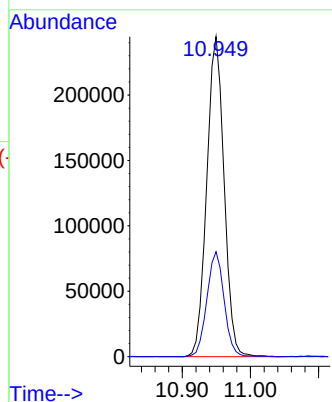
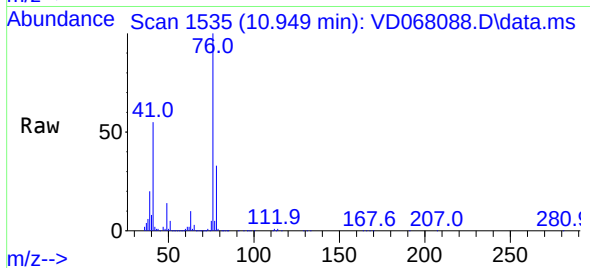




#57  
1,3-Dichloropropane  
Concen: 52.54 ug/l  
RT: 10.949 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

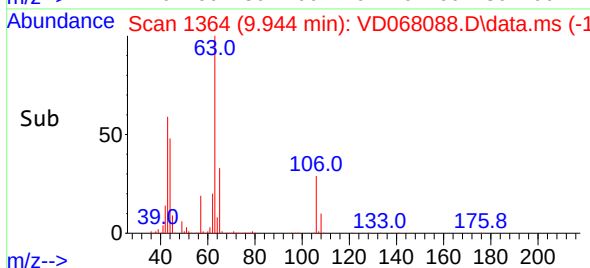
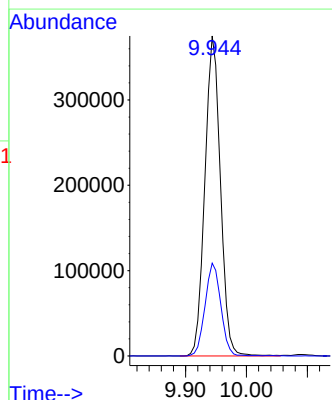
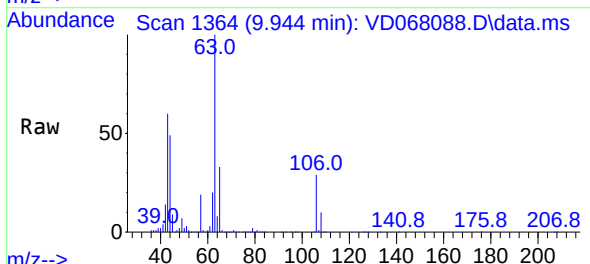
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

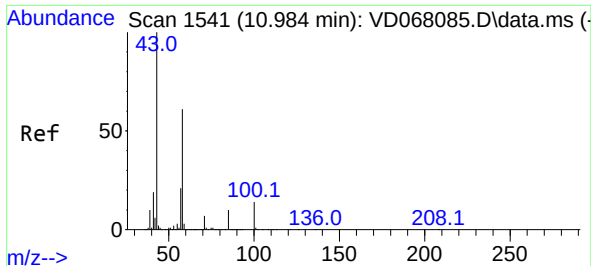
Tgt Ion: 76 Resp: 432696  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 231.70 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 63 Resp: 664729  
Ion Ratio Lower Upper  
63 100  
106 29.3 27.0 40.4

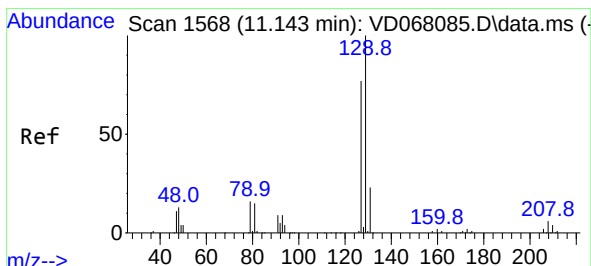
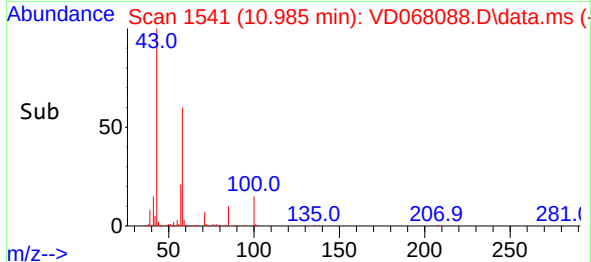
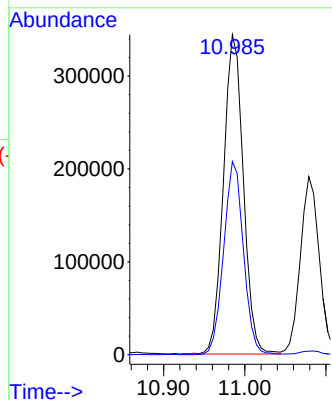
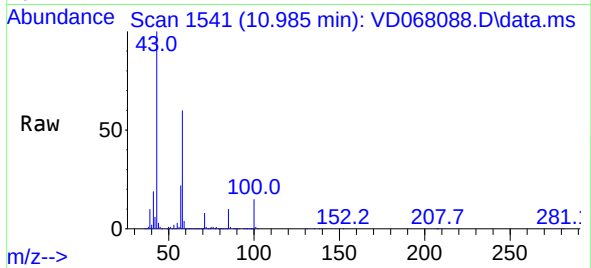




#59  
2-Hexanone  
Concen: 260.39 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

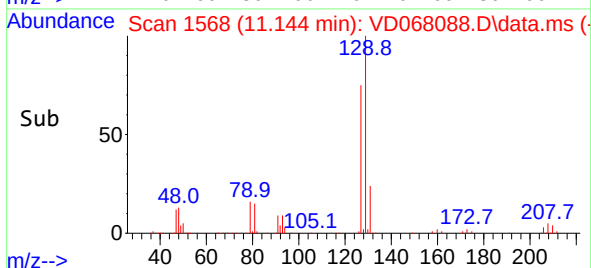
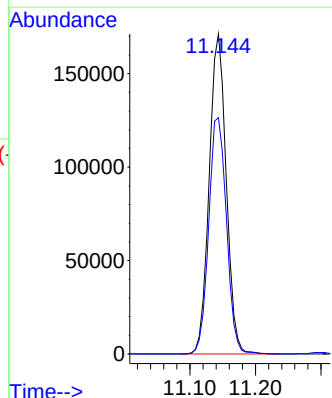
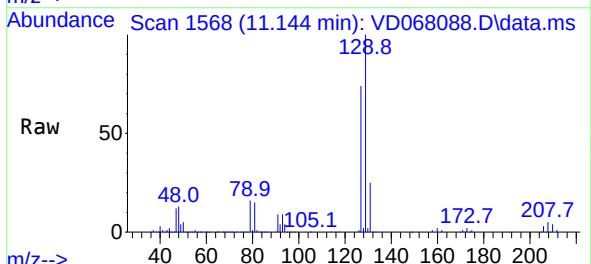
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

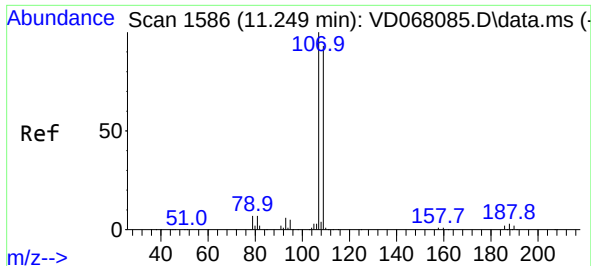
Tgt Ion: 43 Resp: 587078  
Ion Ratio Lower Upper  
43 100  
58 60.1 31.0 93.0



#60  
Dibromochloromethane  
Concen: 52.86 ug/l  
RT: 11.144 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 129 Resp: 309297  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.6 116.0

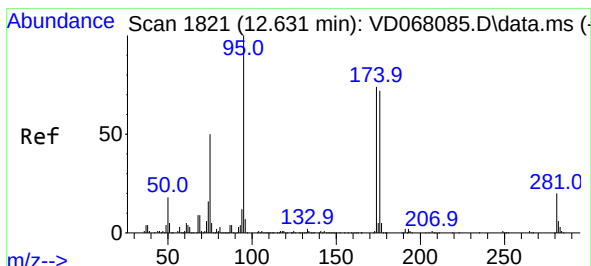
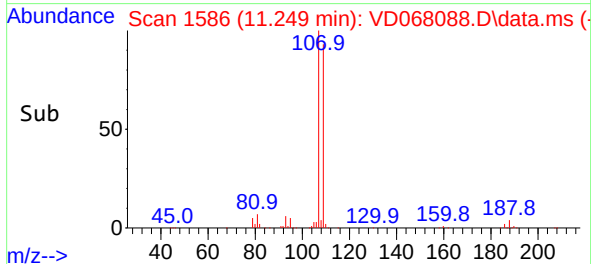
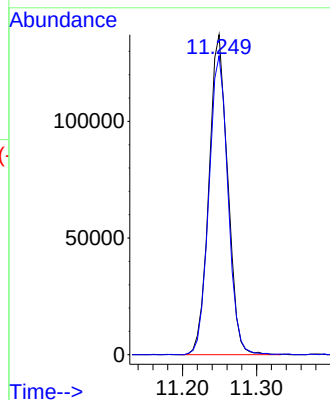
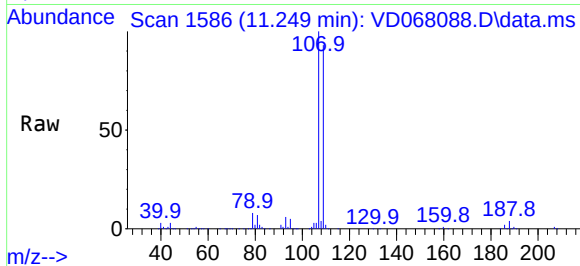




#61  
1,2-Dibromoethane  
Concen: 52.45 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

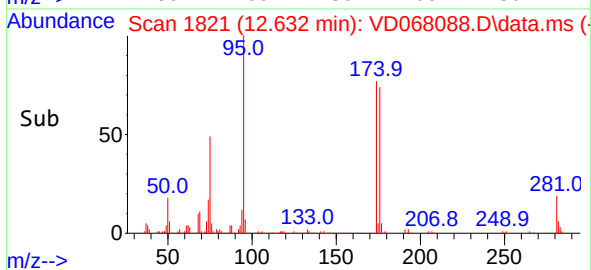
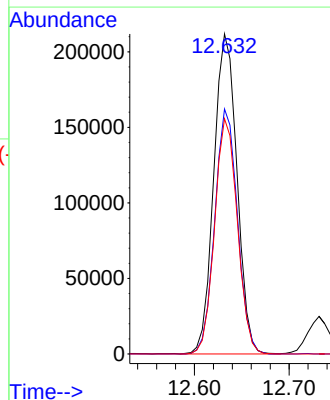
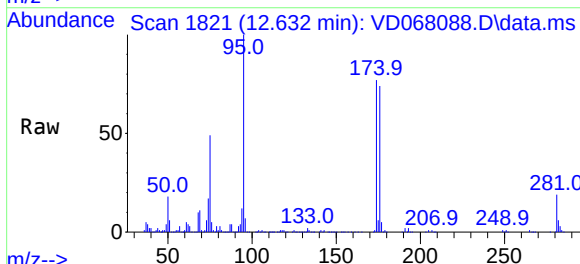
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

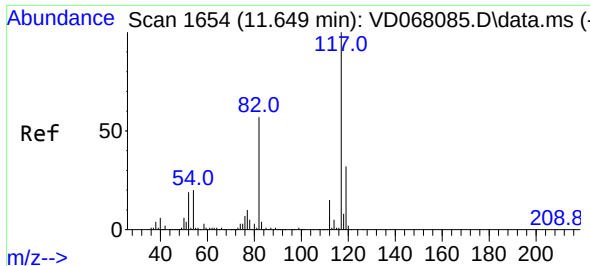
Tgt Ion:107 Resp: 241535  
Ion Ratio Lower Upper  
107 100  
109 94.8 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 48.02 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 95 Resp: 359967  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 172.4  
176 72.1 0.0 168.4



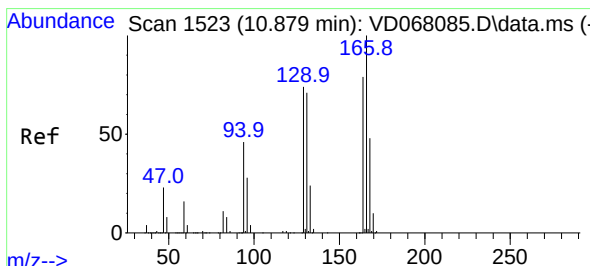
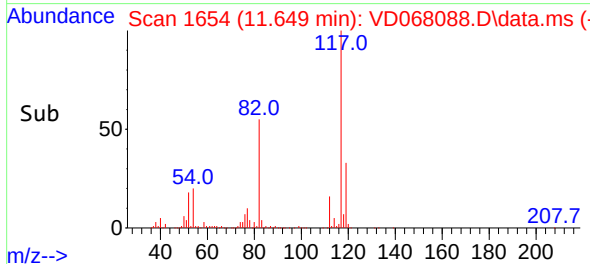
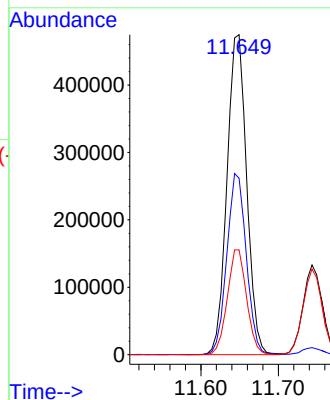
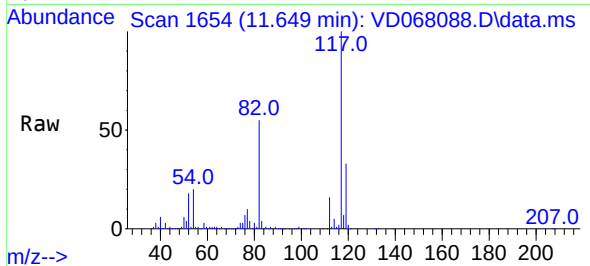


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.649 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

Tgt Ion:117 Resp: 841313

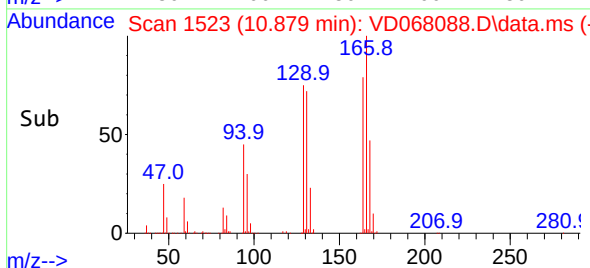
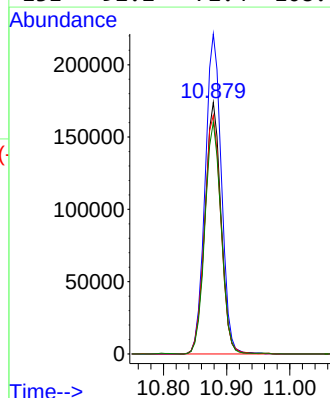
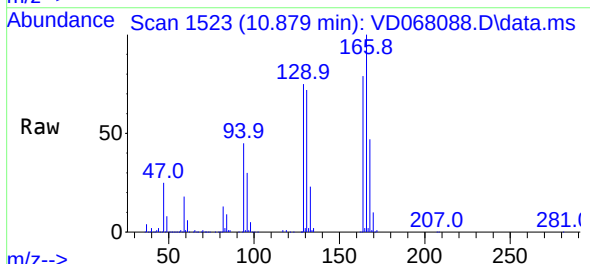
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 55.1  | 41.4  | 62.0  |
| 119 | 32.7  | 26.1  | 39.1  |

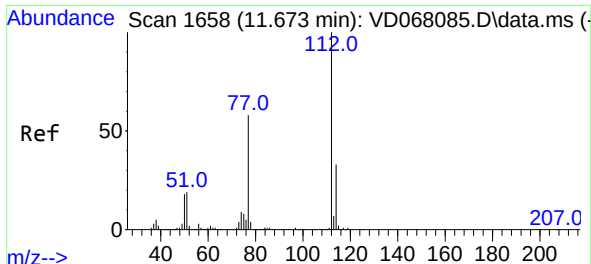


#64  
Tetrachloroethene  
Concen: 51.95 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion:164 Resp: 308062

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 127.2 | 105.5 | 158.3 |
| 129 | 94.8  | 75.6  | 113.4 |
| 131 | 92.2  | 72.4  | 108.6 |

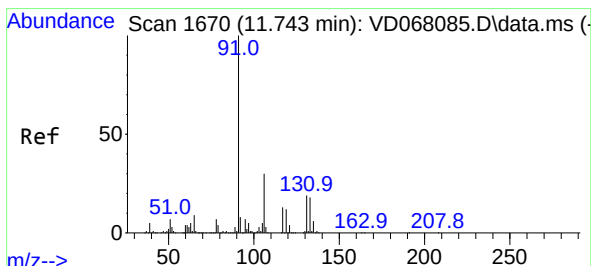
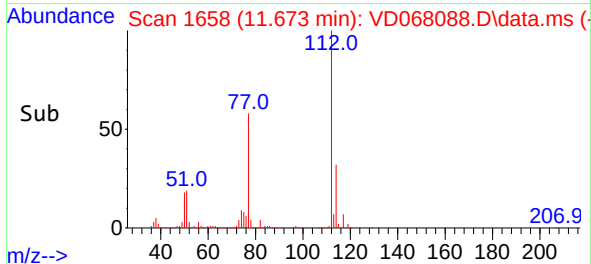
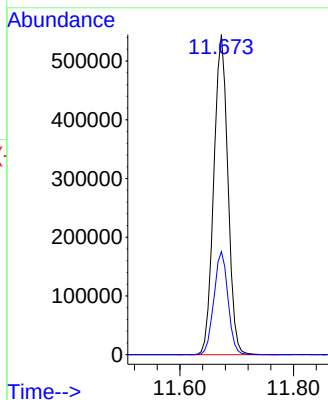
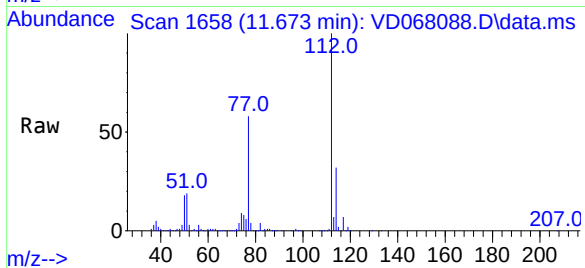




#65  
Chlorobenzene  
Concen: 52.31 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

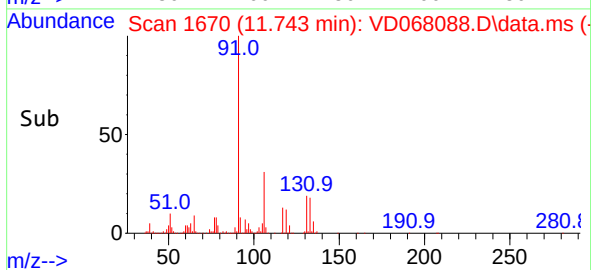
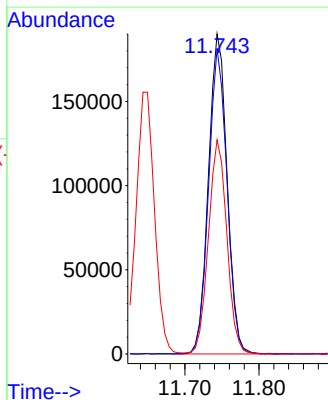
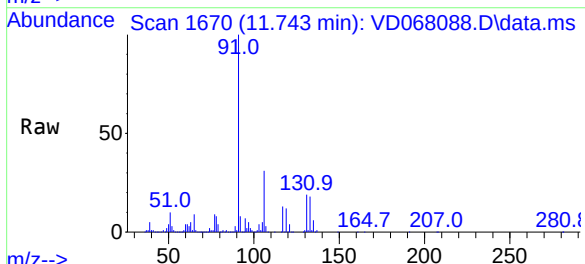
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

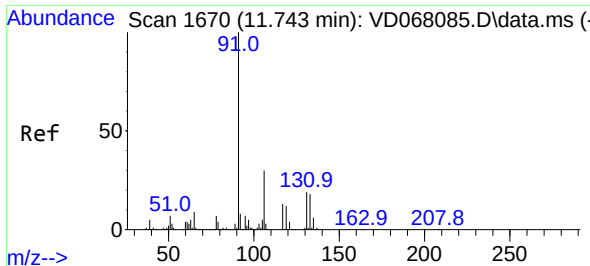
Tgt Ion:112 Resp: 935076  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.75 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion:131 Resp: 331662  
Ion Ratio Lower Upper  
131 100  
133 94.2 48.1 144.4  
119 66.2 31.6 94.8

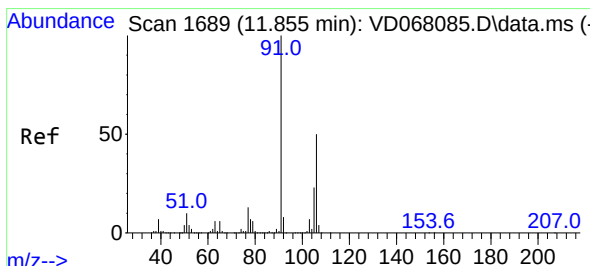
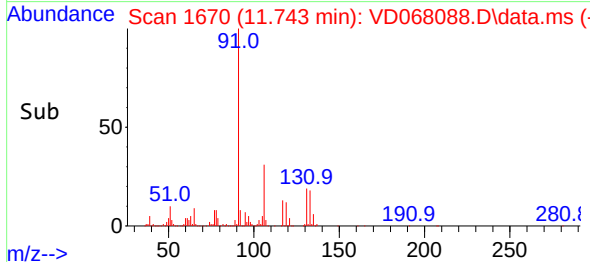
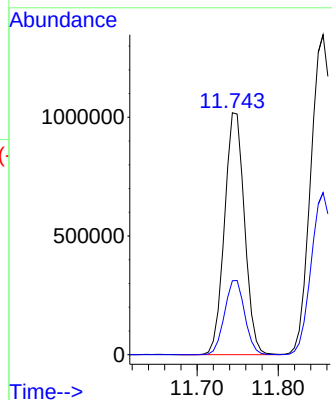
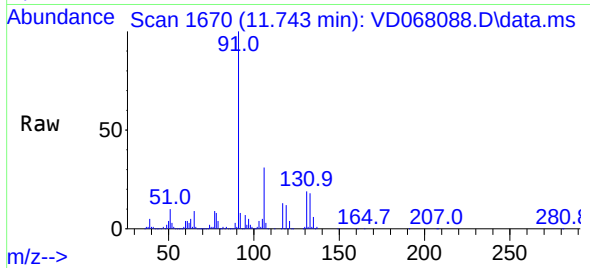




#67  
Ethyl Benzene  
Concen: 52.80 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

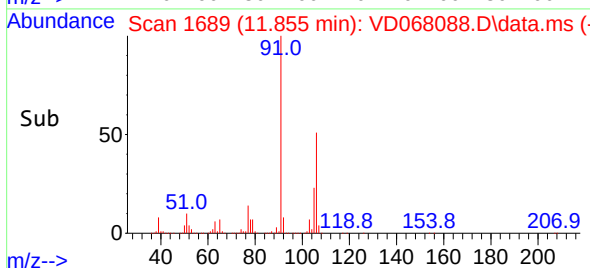
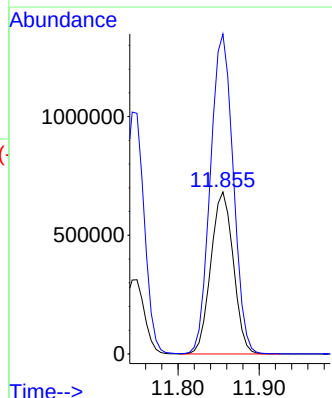
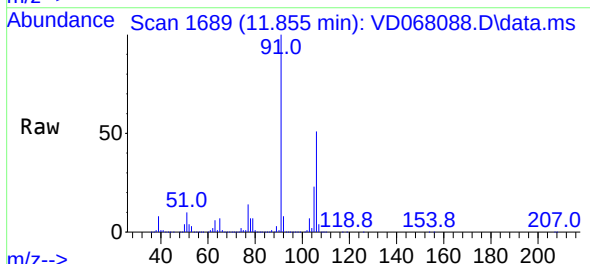
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

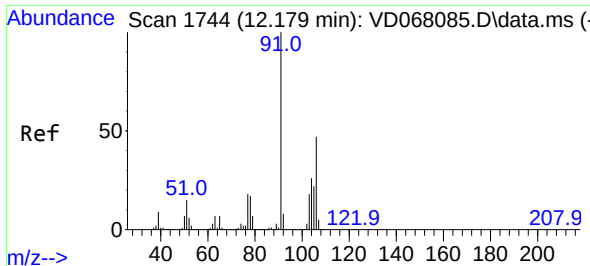
Tgt Ion: 91 Resp: 1747591  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.9 38.9



#68  
m/p-Xylenes  
Concen: 105.04 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion:106 Resp: 1312584  
Ion Ratio Lower Upper  
106 100  
91 200.8 159.1 238.7

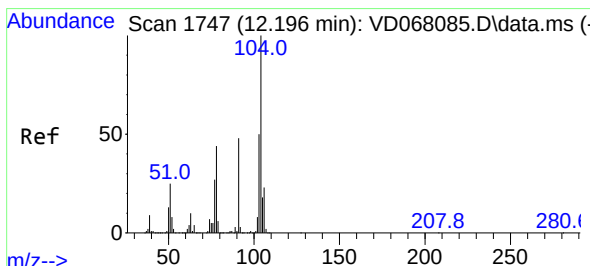
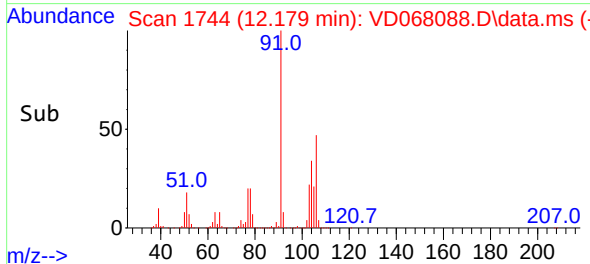
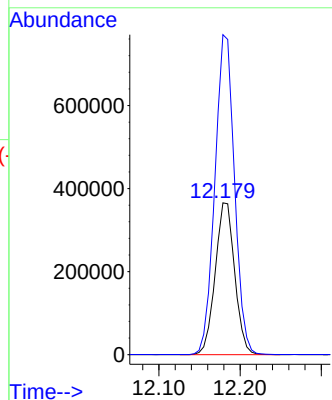
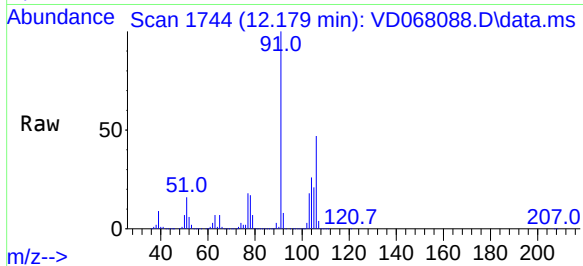




#69  
o-Xylene  
Concen: 52.58 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

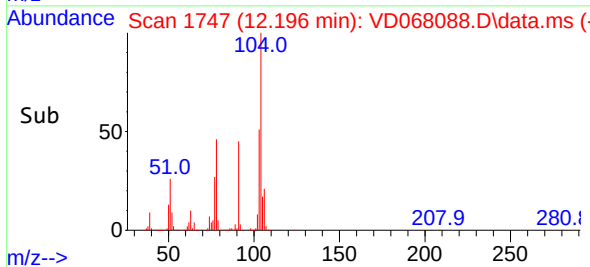
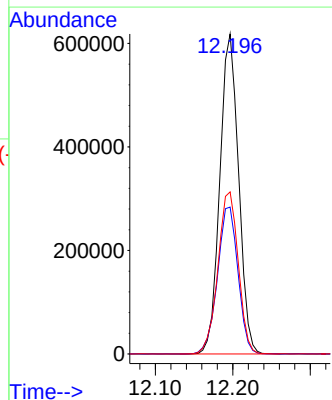
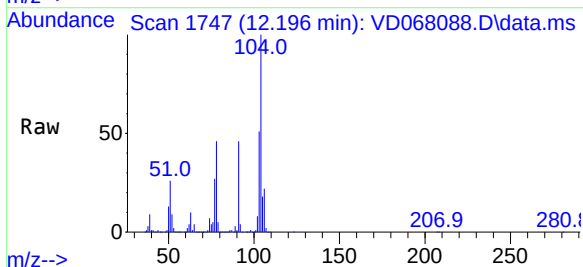
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

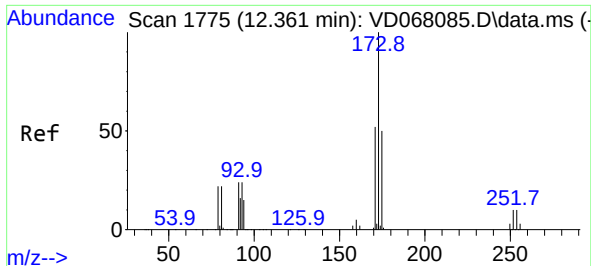
Tgt Ion:106 Resp: 610143  
Ion Ratio Lower Upper  
106 100  
91 211.8 108.7 325.9



#70  
Styrene  
Concen: 52.52 ug/l  
RT: 12.196 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion:104 Resp: 1040254  
Ion Ratio Lower Upper  
104 100  
78 50.2 38.2 57.2  
103 55.0 43.1 64.7

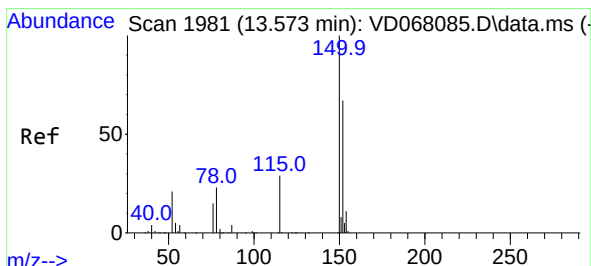
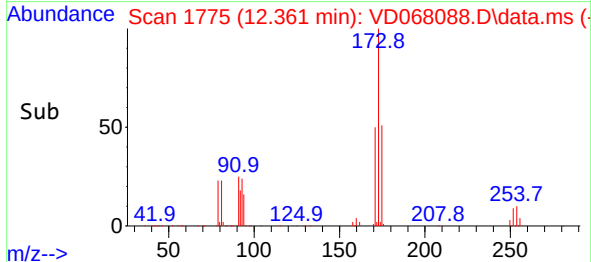
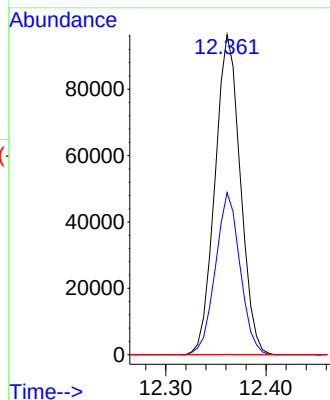
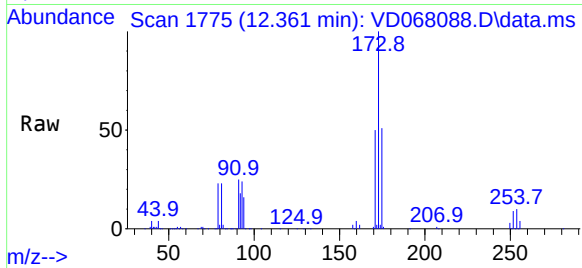




#71  
Bromoform  
Concen: 53.05 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

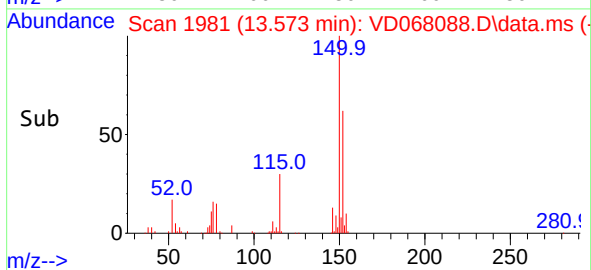
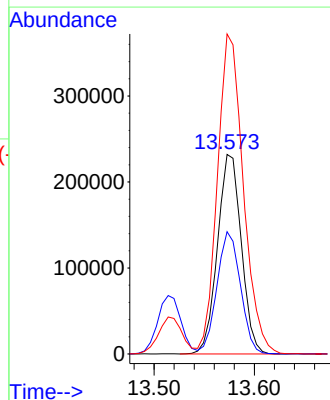
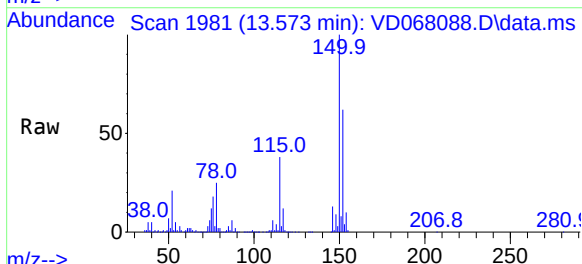
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

Tgt Ion:173 Resp: 169081  
Ion Ratio Lower Upper  
173 100  
175 49.2 24.6 73.8  
254 0.0 0.0 0.0#

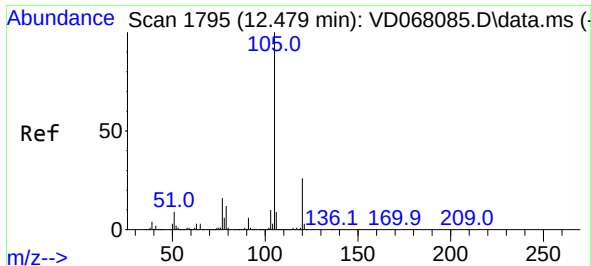


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion:152 Resp: 382328  
Ion Ratio Lower Upper  
152 100  
115 60.4 28.9 86.8  
150 174.5 0.0 344.4



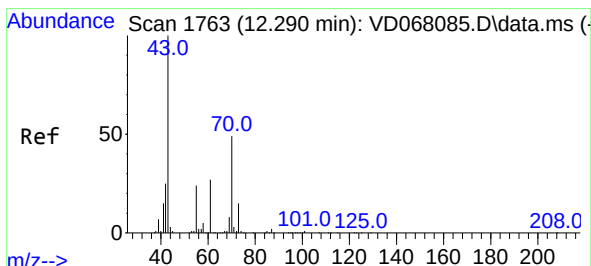
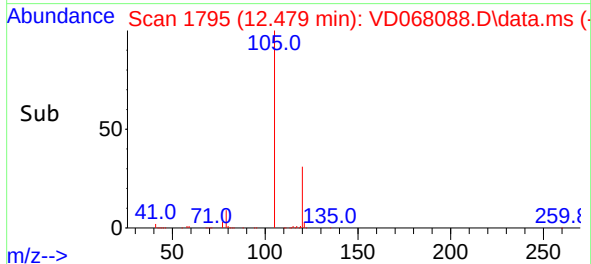
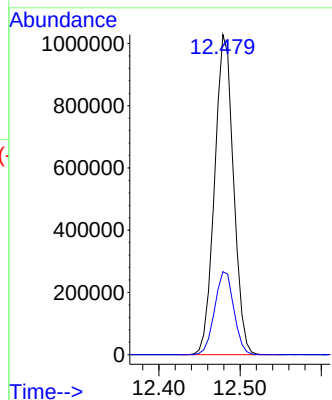
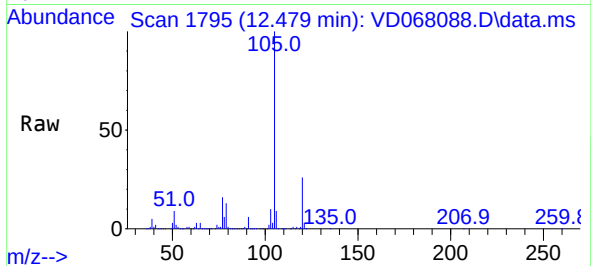




#73  
Isopropylbenzene  
Concen: 52.32 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

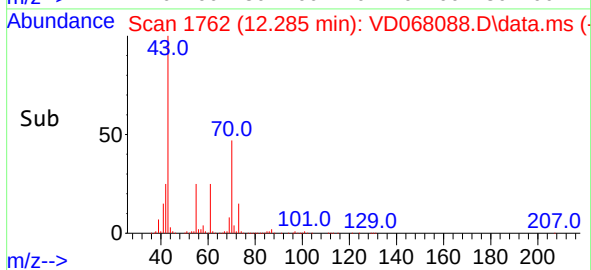
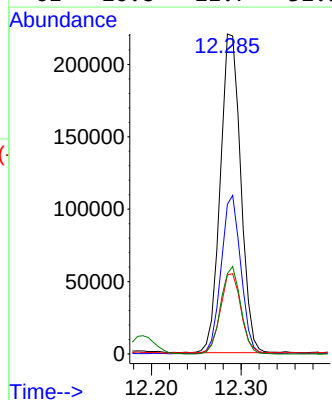
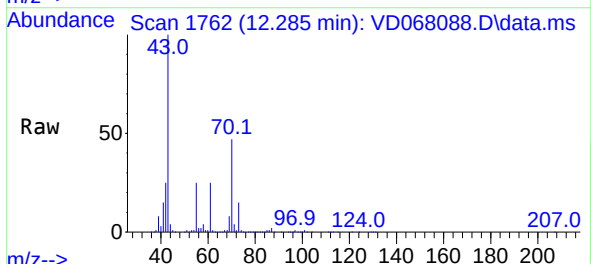
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

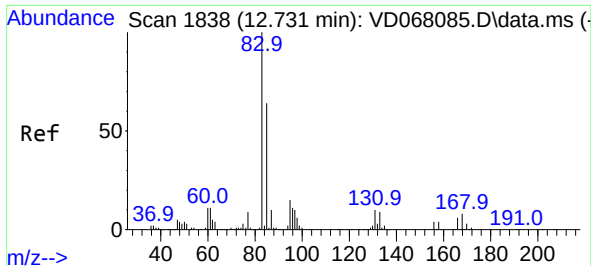
Tgt Ion:105 Resp: 1664570  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.2 39.6



#74  
N-ethyl acetate  
Concen: 52.62 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 43 Resp: 347951  
Ion Ratio Lower Upper  
43 100  
70 47.9 41.8 62.8  
55 25.2 24.2 36.4  
61 26.8 21.7 32.5

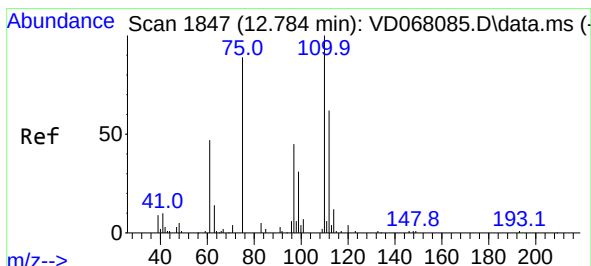
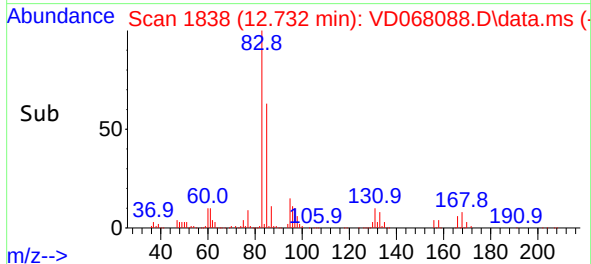
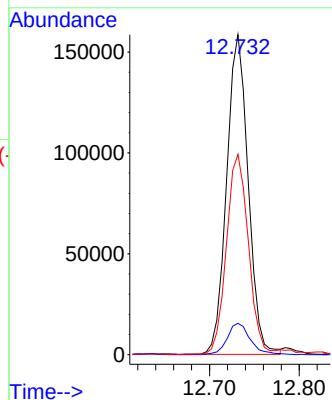
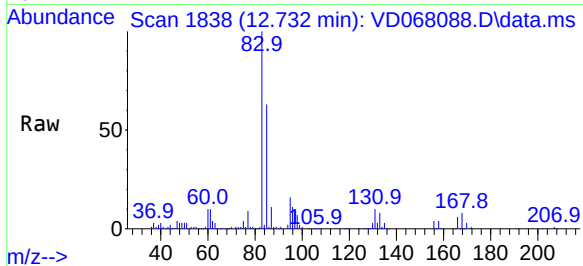




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.16 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

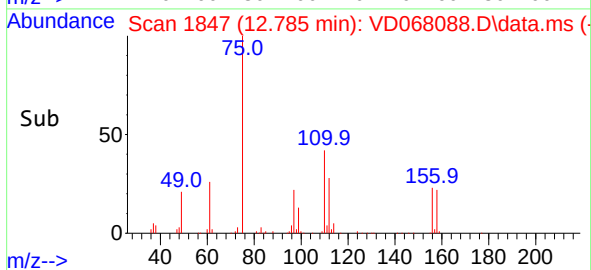
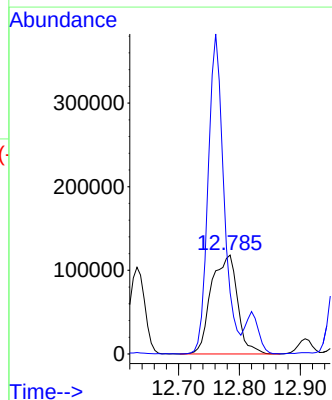
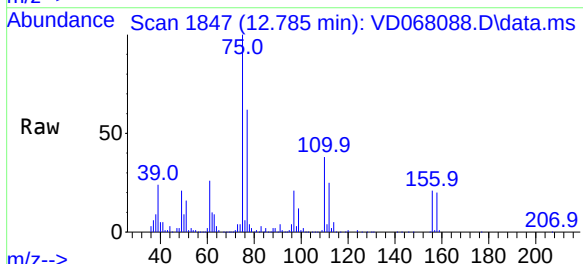
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

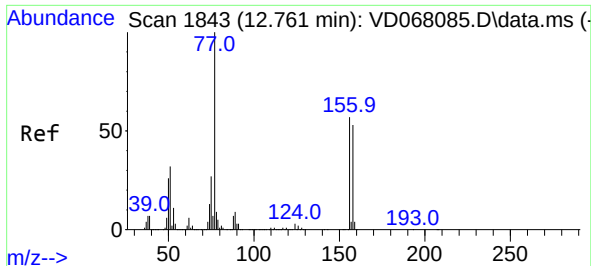
Tgt Ion: 83 Resp: 263956  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.8 17.4  
85 64.1 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 95.67 ug/l  
RT: 12.785 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 75 Resp: 353657  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

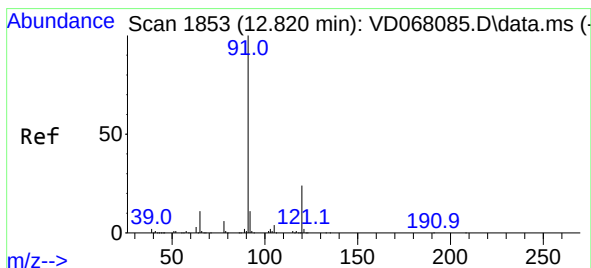
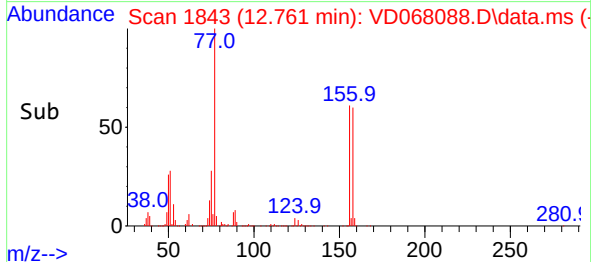
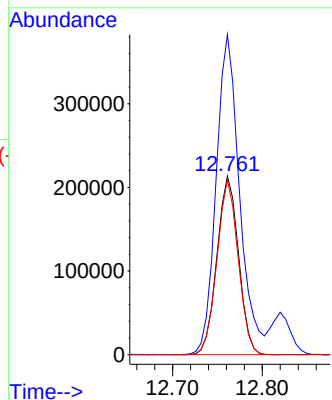
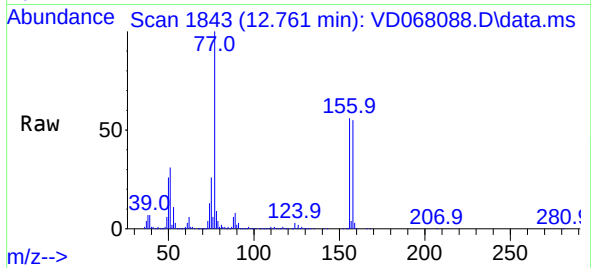




#77  
Bromobenzene  
Concen: 52.20 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

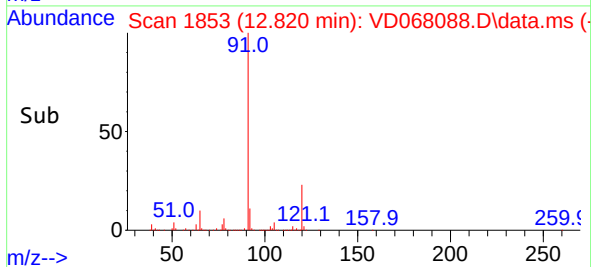
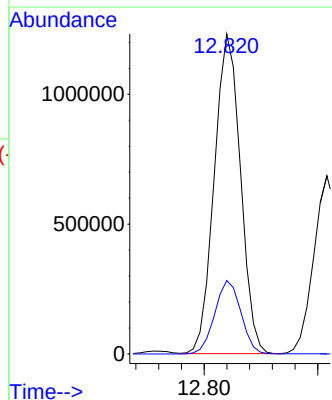
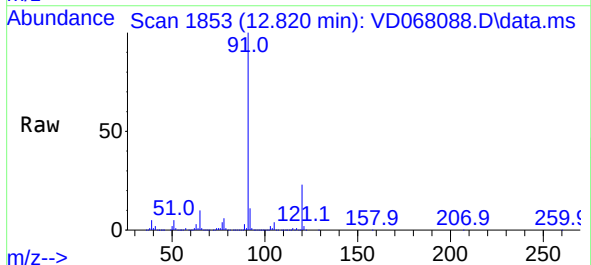
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

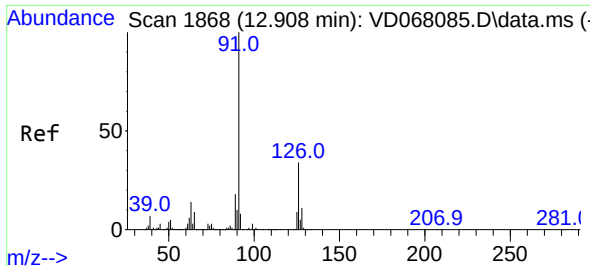
Tgt Ion:156 Resp: 356006  
Ion Ratio Lower Upper  
156 100  
77 194.5 82.8 248.3  
158 96.3 48.0 144.0



#78  
n-propylbenzene  
Concen: 52.38 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 91 Resp: 1971528  
Ion Ratio Lower Upper  
91 100  
120 22.9 12.0 36.0

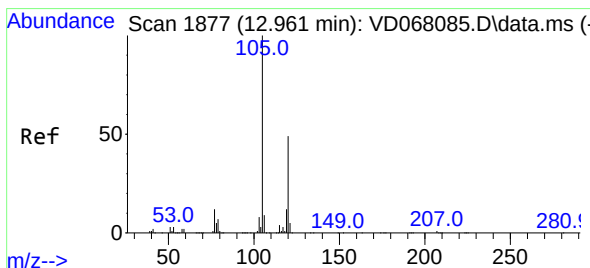
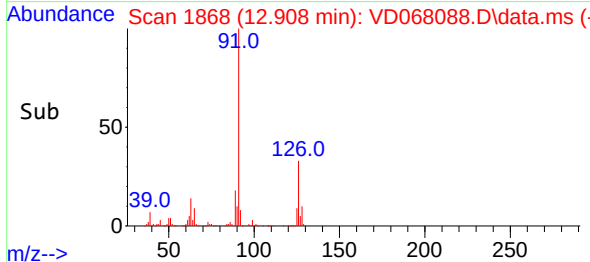
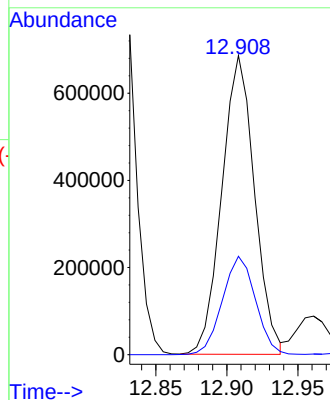
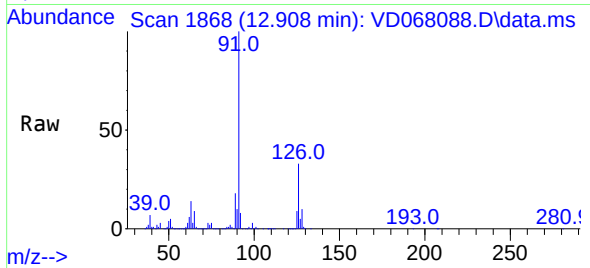




#79  
2-Chlorotoluene  
Concen: 51.98 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

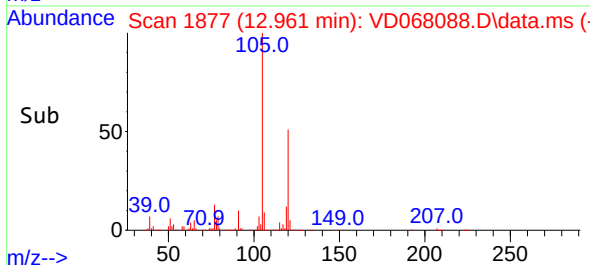
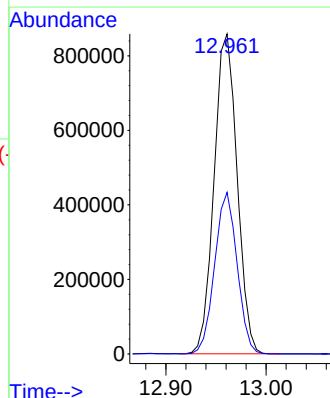
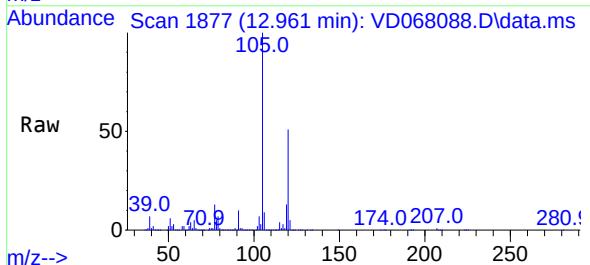
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

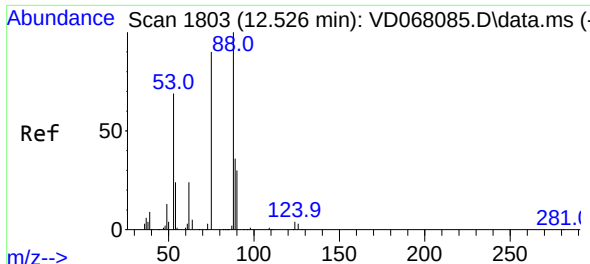
Tgt Ion: 91 Resp: 1098546  
Ion Ratio Lower Upper  
91 100  
126 33.4 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 51.71 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 105 Resp: 1370078  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.2 72.6

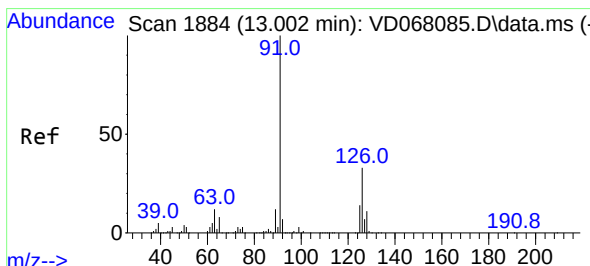
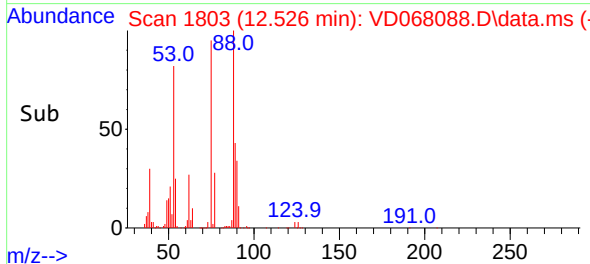
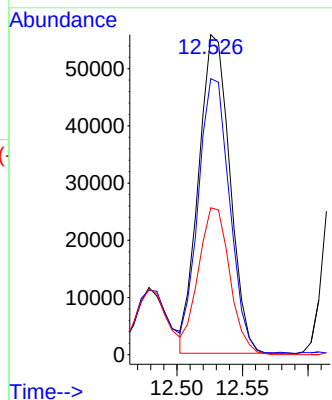
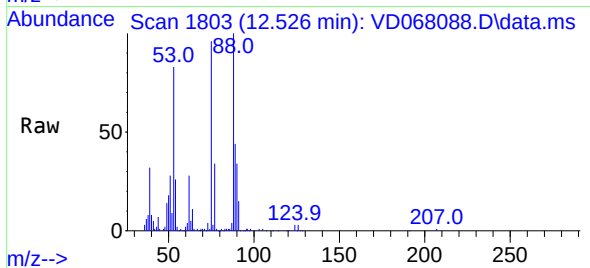




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.45 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

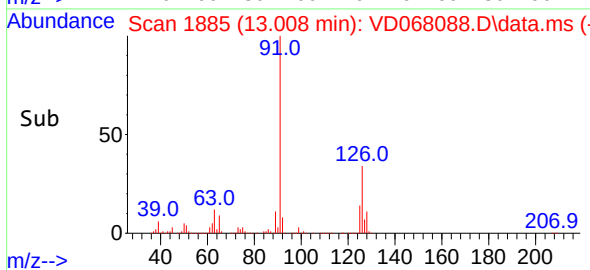
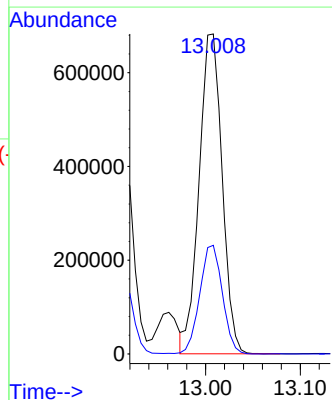
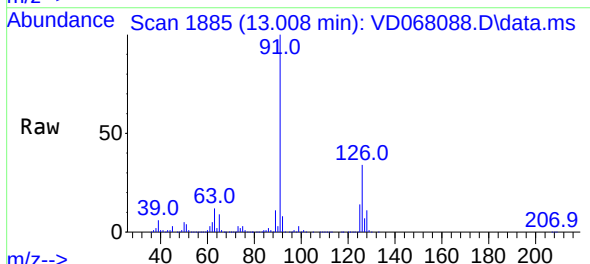
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

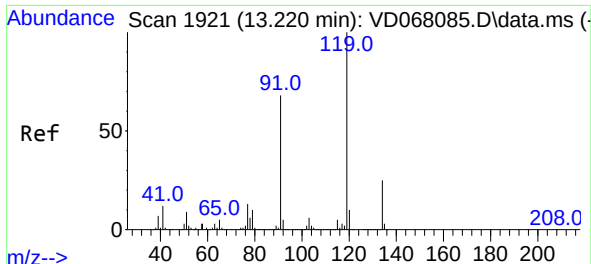
Tgt Ion: 75 Resp: 92173  
Ion Ratio Lower Upper  
75 100  
53 86.6 70.2 105.2  
89 46.7 40.3 60.5



#82  
4-Chlorotoluene  
Concen: 52.54 ug/l  
RT: 13.008 min Scan# 1885  
Delta R.T. 0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 91 Resp: 1154546  
Ion Ratio Lower Upper  
91 100  
126 33.5 17.7 53.1

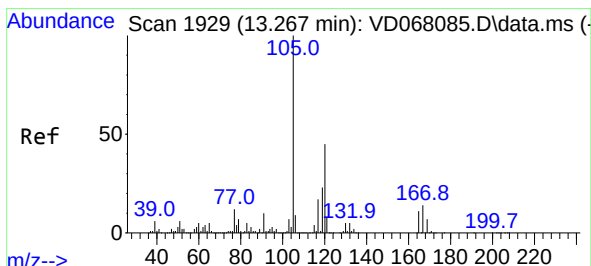
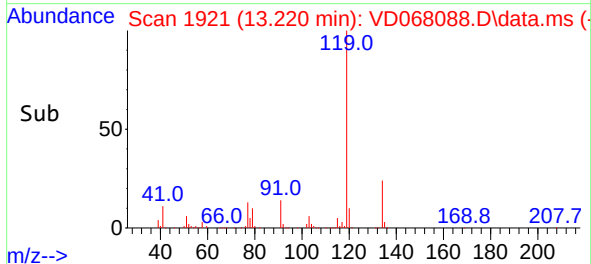
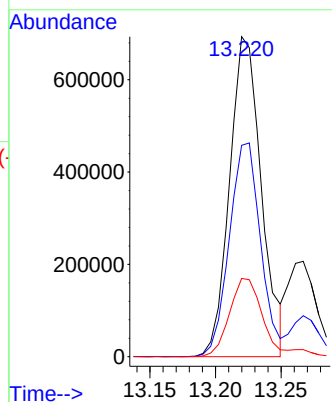
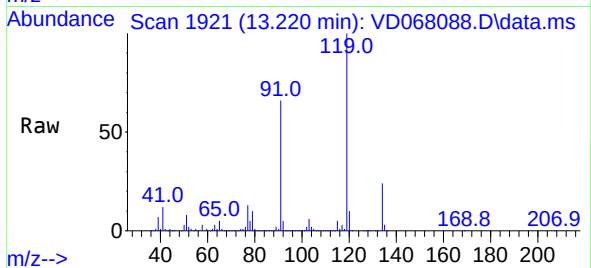




#83  
tert-Butylbenzene  
Concen: 52.20 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

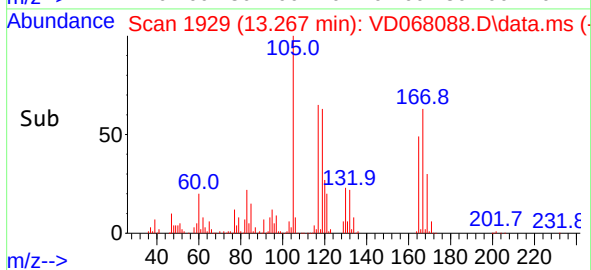
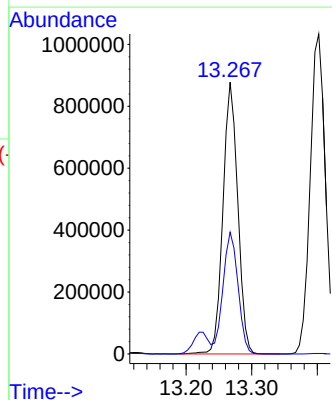
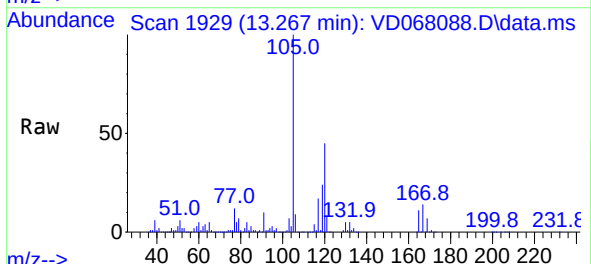
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

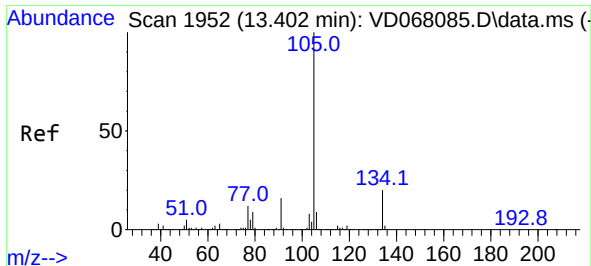
Tgt Ion:119 Resp: 1171861  
Ion Ratio Lower Upper  
119 100  
91 65.7 31.1 93.5  
134 26.4 13.3 39.8



#84  
1,2,4-Trimethylbenzene  
Concen: 52.07 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion:105 Resp: 1369293  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.4 67.0

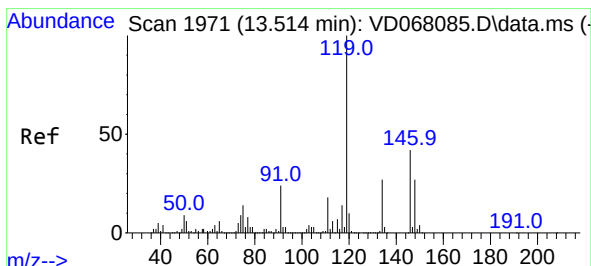
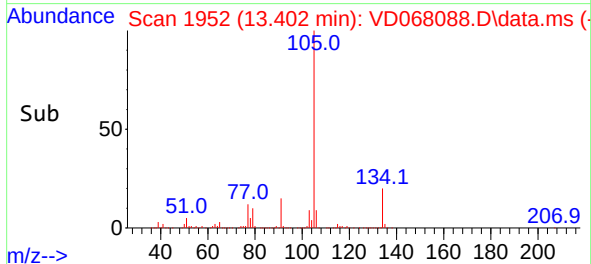
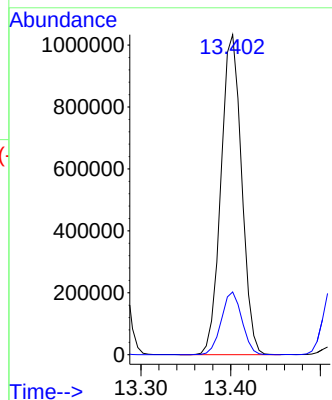
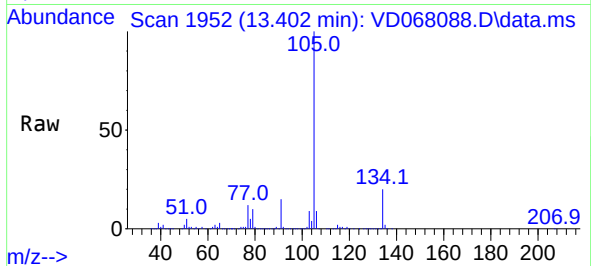




#85  
 sec-Butylbenzene  
 Concen: 52.56 ug/l  
 RT: 13.402 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VD068088.D  
 Acq: 19 Jan 2021 13:48

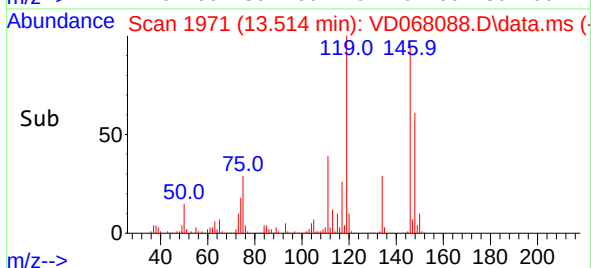
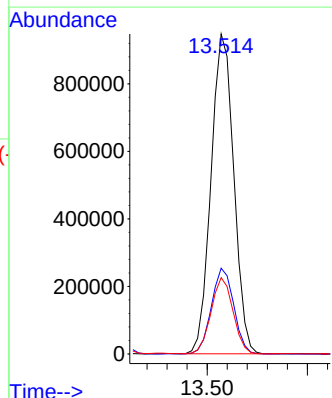
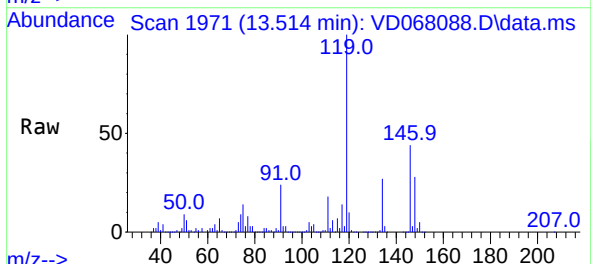
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 MSVOA\_D  
 ClientSampleId :  
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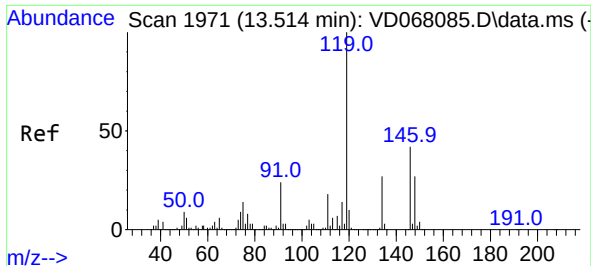
Tgt Ion:105 Resp: 1650722  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 10.3 30.9



#86  
 p-Isopropyltoluene  
 Concen: 52.29 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. 0.000 min  
 Lab File: VD068088.D  
 Acq: 19 Jan 2021 13:48

Tgt Ion:119 Resp: 1493482  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 12.9 38.7  
 91 23.0 11.7 35.0

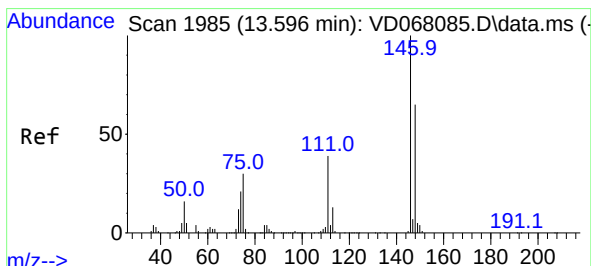
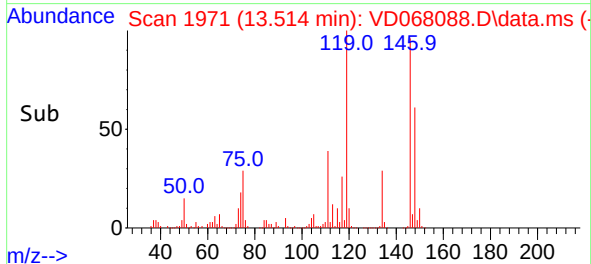
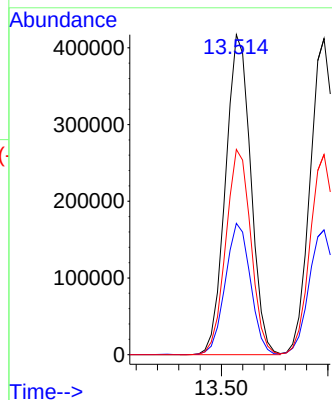
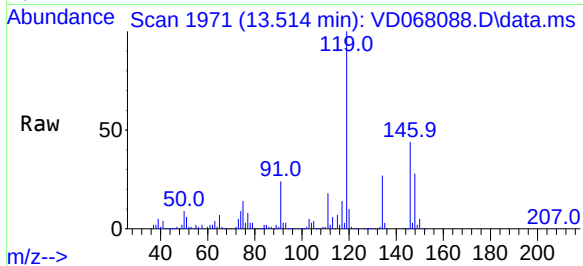




#87  
1,3-Dichlorobenzene  
Concen: 52.33 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

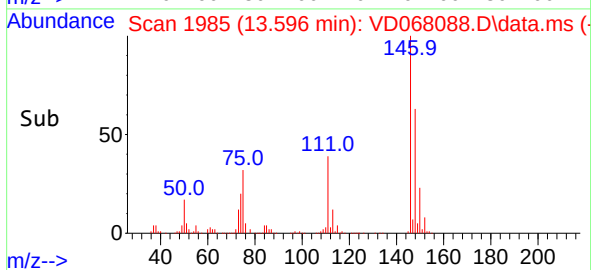
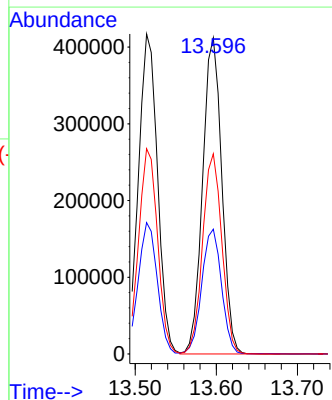
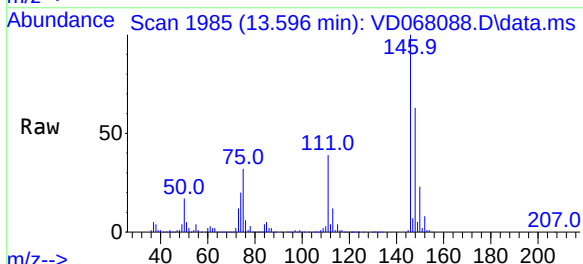
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

Tgt Ion:146 Resp: 686216  
Ion Ratio Lower Upper  
146 100  
111 41.1 19.5 58.5  
148 63.9 31.6 95.0

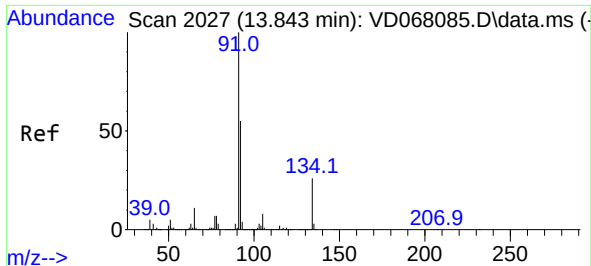


#88  
1,4-Dichlorobenzene  
Concen: 52.31 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion:146 Resp: 675869  
Ion Ratio Lower Upper  
146 100  
111 40.5 19.1 57.1  
148 63.7 31.9 95.7



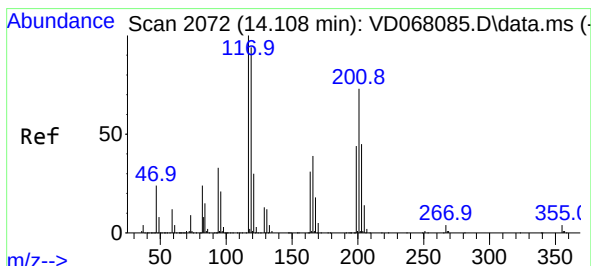
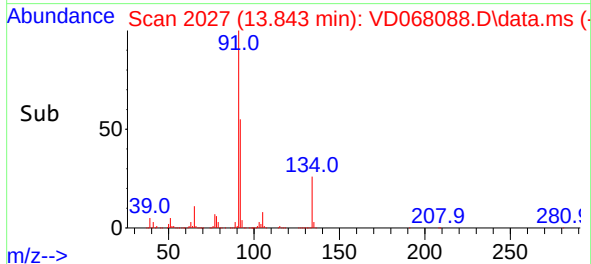
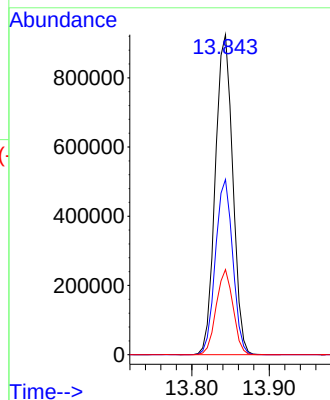
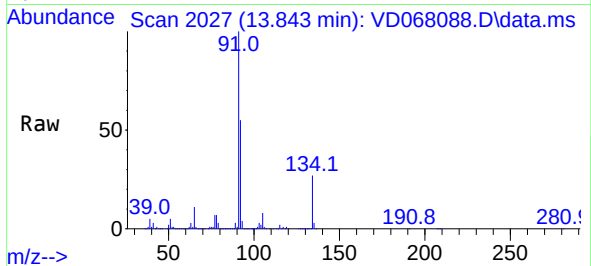




#89  
n-Butylbenzene  
Concen: 52.89 ug/l  
RT: 13.843 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

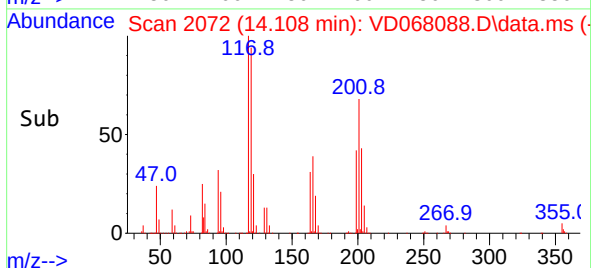
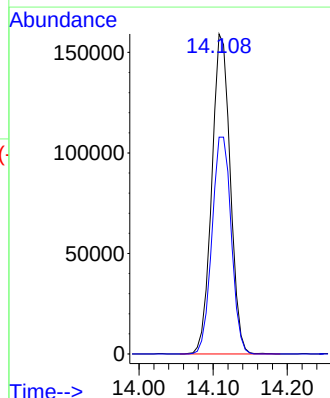
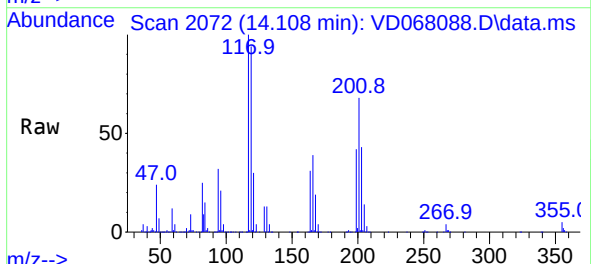
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ClientSampleId :  
ICVVD011921

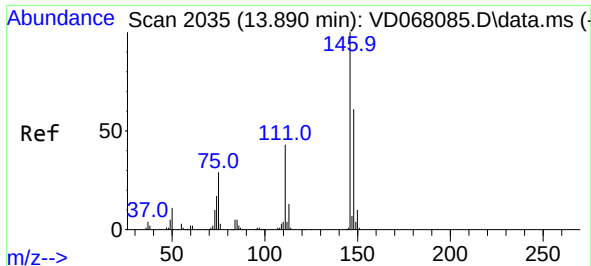
Tgt Ion: 91 Resp: 1449908  
Ion Ratio Lower Upper  
91 100  
92 54.3 27.2 81.6  
134 25.7 13.9 41.7



#90  
Hexachloroethane  
Concen: 53.23 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 117 Resp: 274662  
Ion Ratio Lower Upper  
117 100  
201 70.8 39.5 118.5

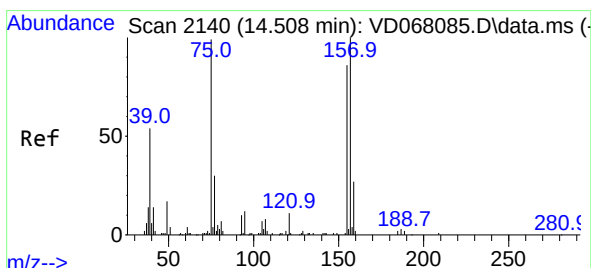
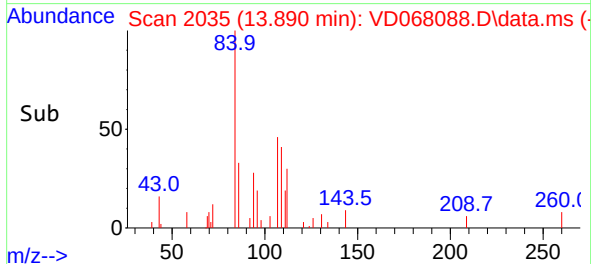
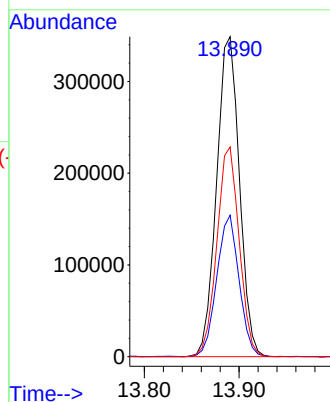
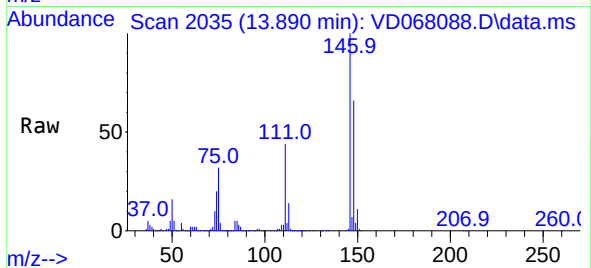




#91  
1,2-Dichlorobenzene  
Concen: 52.00 ug/l  
RT: 13.890 min Scan# 2035  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

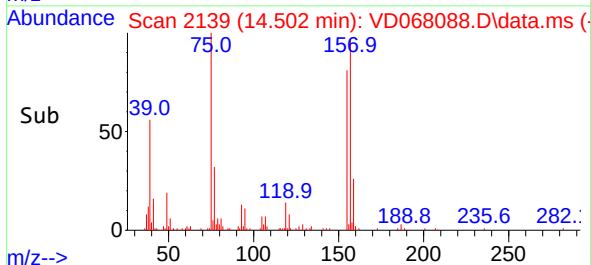
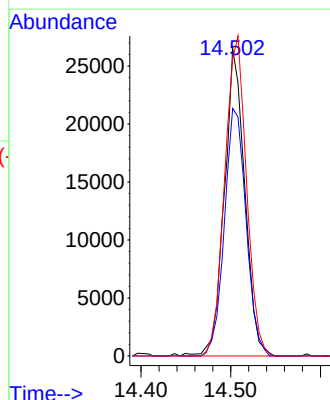
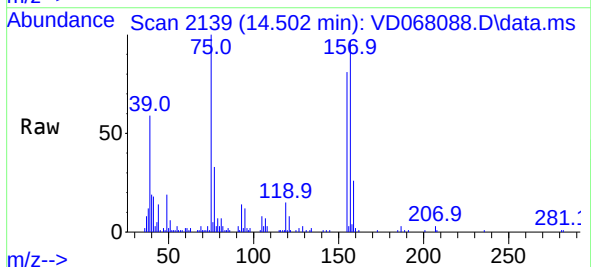
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

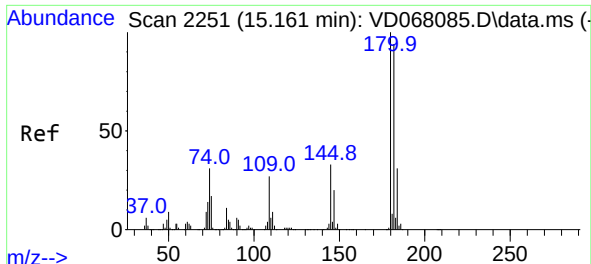
Tgt Ion:146 Resp: 584135  
Ion Ratio Lower Upper  
146 100  
111 43.3 20.3 60.9  
148 64.3 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.58 ug/l  
RT: 14.502 min Scan# 2139  
Delta R.T. -0.006 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion: 75 Resp: 41892  
Ion Ratio Lower Upper  
75 100  
155 85.3 48.0 144.2  
157 110.7 65.0 194.8

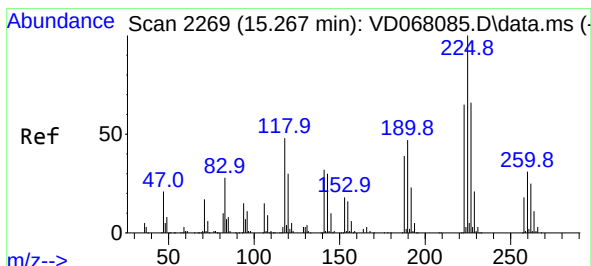
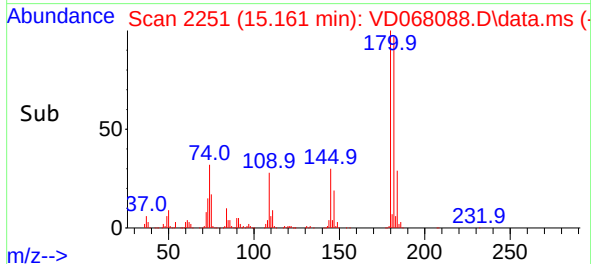
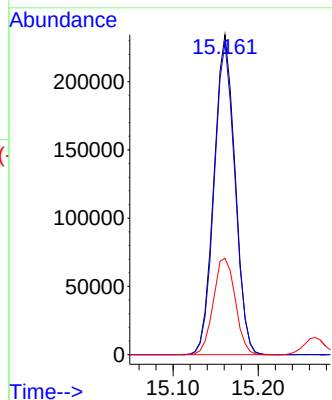
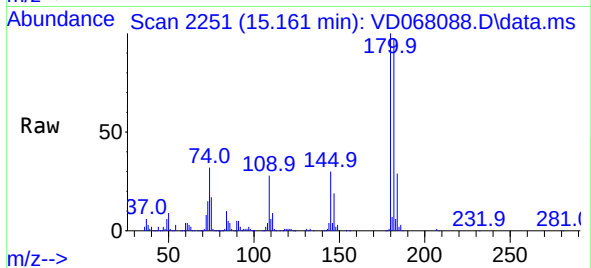




#93  
1,2,4-Trichlorobenzene  
Concen: 52.27 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

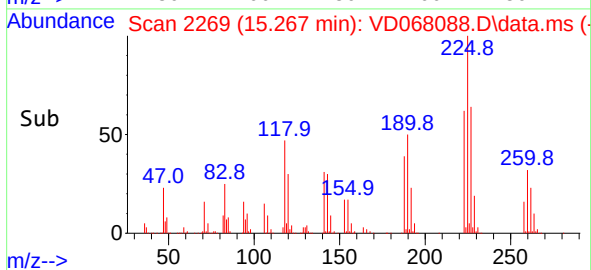
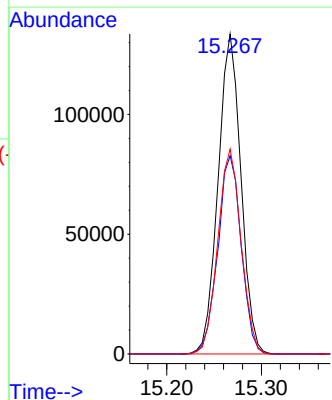
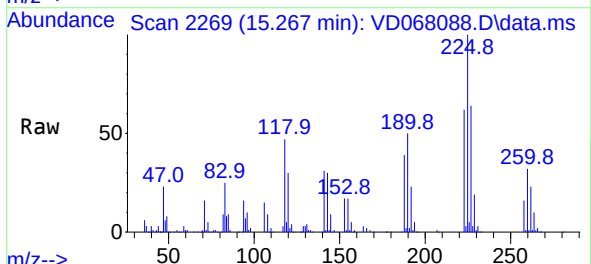
Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

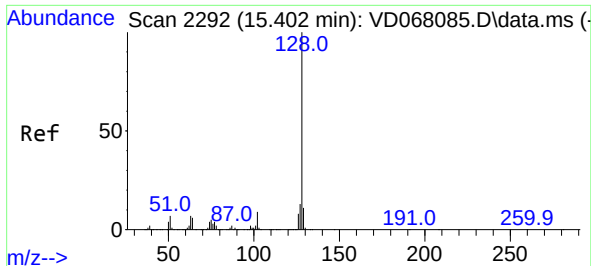
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 402491 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.1  | 46.8  | 140.4  |
| 145       | 31.4  | 15.2  | 45.5   |



#94  
Hexachlorobutadiene  
Concen: 52.48 ug/l  
RT: 15.267 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 224036 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.3  | 31.9  | 95.5   |
| 227       | 65.2  | 32.1  | 96.5   |



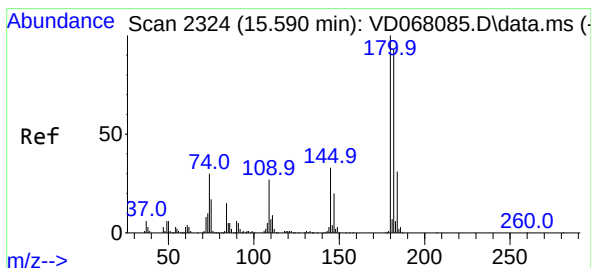
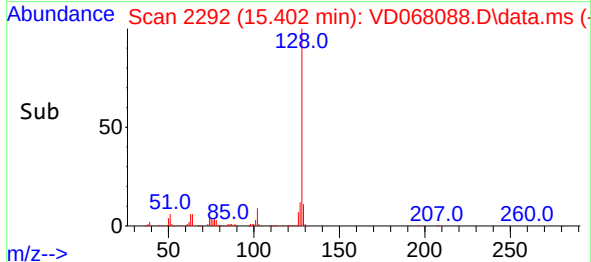
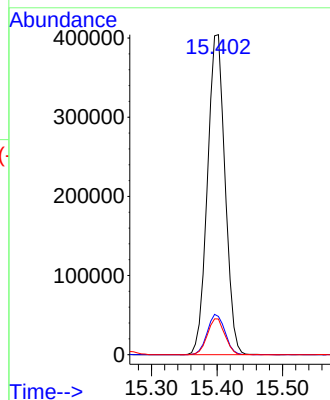
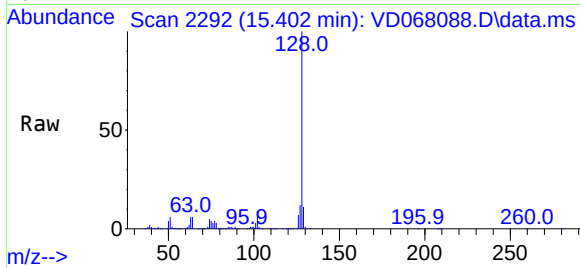


#95  
Naphthalene  
Concen: 52.24 ug/l  
RT: 15.402 min Scan# 2292  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
ICVVD011921

Tgt Ion:128 Resp: 754296

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.7  | 10.2  | 15.2  |
| 129 | 11.2  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 52.71 ug/l  
RT: 15.590 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VD068088.D  
Acq: 19 Jan 2021 13:48

Tgt Ion:180 Resp: 342352

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.6  | 48.3  | 144.8 |
| 145 | 32.6  | 16.7  | 50.1  |

