

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012121\  
 Data File : VD068126.D  
 Acq On : 21 Jan 2021 12:00  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 1/22/2021 5:03:59 PM

Quant Time: Jan 22 00:06:44 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        | 7.979          | 168  | 452824     | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.867          | 114  | 764188     | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.644         | 117  | 669062     | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.573         | 152  | 299244     | 50.00  | ug/l   | 0.00     |
|                              |                |      |            |        |        |          |
| System Monitoring Compounds  |                |      |            |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 186592     | 43.08  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 86.16% |        |          |
| 35) Dibromofluoromethane     | 7.920          | 113  | 200328     | 47.42  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 94.84% |        |          |
| 50) Toluene-d8               | 10.344         | 98   | 746989     | 44.20  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 88.40% |        |          |
| 62) 4-Bromofluorobenzene     | 12.632         | 95   | 263672     | 43.33  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 86.66% |        |          |
|                              |                |      |            |        |        |          |
| Target Compounds             |                |      |            |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 252533     | 46.95  | ug/l   | 96       |
| 3) Chloromethane             | 2.209          | 50   | 273184     | 47.16  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.350          | 62   | 329962     | 51.21  | ug/l   | 98       |
| 5) Bromomethane              | 2.774          | 94   | 221550     | 50.14  | ug/l   | 97       |
| 6) Chloroethane              | 2.926          | 64   | 203303     | 51.65  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.279          | 101  | 406158     | 48.02  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.709          | 74   | 109162     | 43.84  | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 4.103          | 101  | 240142     | 48.69  | ug/l   | 96       |
| 10) Methyl Iodide            | 4.303          | 142  | 249274     | 45.37  | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.215          | 59   | 85883      | 210.53 | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 4.073          | 96   | 239802     | 48.34  | ug/l   | 91       |
| 13) Acrolein                 | 3.921          | 56   | 73707      | 215.92 | ug/l   | 98       |
| 14) Allyl chloride           | 4.720          | 41   | 339652     | 47.07  | ug/l   | 95       |
| 15) Acrylonitrile            | 5.420          | 53   | 227222     | 230.36 | ug/l   | 98       |
| 16) Acetone                  | 4.162          | 43   | 218304     | 282.24 | ug/l   | 95       |
| 17) Carbon Disulfide         | 4.415          | 76   | 759384     | 47.53  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.720          | 43   | 90333      | 45.00  | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 5.479          | 73   | 516584     | 45.04  | ug/l   | 93       |
| 20) Methylene Chloride       | 4.973          | 84   | 253657     | 46.72  | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 5.473          | 96   | 272541     | 47.85  | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.362          | 45   | 678591     | 46.60  | ug/l # | 95       |
| 23) Vinyl Acetate            | 6.309          | 43   | 1798196    | 231.67 | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 6.267          | 63   | 450995     | 47.80  | ug/l   | 98       |
| 25) 2-Butanone               | 7.214          | 43   | 261367     | 224.43 | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 7.209          | 77   | 427212     | 47.86  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.214          | 96   | 288603     | 46.67  | ug/l   | 90       |
| 28) Bromochloromethane       | 7.544          | 49   | 154696     | 48.13  | ug/l # | 78       |
| 29) Tetrahydrofuran          | 7.562          | 42   | 165328     | 218.99 | ug/l   | 94       |
| 30) Chloroform               | 7.709          | 83   | 446883     | 46.87  | ug/l   | 97       |
| 31) Cyclohexane              | 7.985          | 56   | 431837     | 46.04  | ug/l   | 91       |
| 32) 1,1,1-Trichloroethane    | 7.903          | 97   | 414862     | 48.28  | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 377024     | 48.92  | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.291          | 43   | 123967     | 45.48  | ug/l # | 93       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 358060     | 49.64  | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.356          | 83   | 494853     | 49.12  | ug/l   | 97       |
| 40) Benzene                  | 8.350          | 78   | 1040028    | 48.27  | ug/l   | 97       |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 1/22/2021 5:03:59 PM

Quant Time: Jan 22 00:06:44 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   | 82944    | 50.42  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 272313   | 47.30  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.456  | 43   | 253403   | 44.61  | ug/l   | 95       |
| 44) Trichloroethene           | 9.114  | 130  | 284971   | 48.16  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 248578   | 47.11  | ug/l   | 97       |
| 46) Dibromomethane            | 9.479  | 93   | 124546   | 46.58  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.661  | 83   | 341314   | 47.31  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.461  | 41   | 127440   | 45.07  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 27680    | 883.45 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 594945   | 225.29 | ug/l   | 95       |
| 52) Toluene                   | 10.403 | 92   | 669069   | 47.66  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 339136   | 46.44  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 402965   | 46.36  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.803 | 97   | 176057   | 46.46  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 226962   | 44.97  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 10.950 | 76   | 307362   | 45.97  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 546854   | 234.78 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.985 | 43   | 429426   | 234.60 | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.144 | 129  | 218862   | 46.07  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.250 | 107  | 168068   | 44.95  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.879 | 164  | 226642   | 48.06  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.673 | 112  | 683093   | 48.05  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 239581   | 47.91  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.744 | 91   | 1287834  | 48.93  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.855 | 106  | 961788   | 96.79  | ug/l   | 97       |
| 69) o-Xylene                  | 12.185 | 106  | 449562   | 48.71  | ug/l   | 97       |
| 70) Styrene                   | 12.197 | 104  | 758755   | 48.17  | ug/l   | 99       |
| 71) Bromoform                 | 12.361 | 173  | 117271   | 46.27  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.479 | 105  | 1230034  | 49.40  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.291 | 43   | 238374   | 46.06  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 186453   | 47.08  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.785 | 75   | 118244m  | 40.87  | ug/l   |          |
| 77) Bromobenzene              | 12.761 | 156  | 256617   | 48.07  | ug/l   | 89       |
| 78) n-propylbenzene           | 12.820 | 91   | 1470920  | 49.93  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 795774   | 48.11  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 1004938  | 48.46  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.532 | 75   | 63439    | 44.37  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.008 | 91   | 829966   | 48.26  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.226 | 119  | 869680   | 49.49  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 995487   | 48.36  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.402 | 105  | 1223581  | 49.78  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 1115561  | 49.90  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 494591   | 48.18  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 489703   | 48.43  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.844 | 91   | 1084208  | 50.53  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.114 | 117  | 199183   | 49.32  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.891 | 146  | 417224   | 47.46  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.502 | 75   | 30347    | 46.82  | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 282823   | 46.92  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.267 | 225  | 161565   | 48.36  | ug/l   | 100      |
| 95) Naphthalene               | 15.402 | 128  | 518528   | 45.89  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.596 | 180  | 238389   | 46.89  | ug/l   | 99       |

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Acq On : 21 Jan 2021 12:00  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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1/22/2021 5:03:59 PM

Quant Time: Jan 22 00:06:44 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

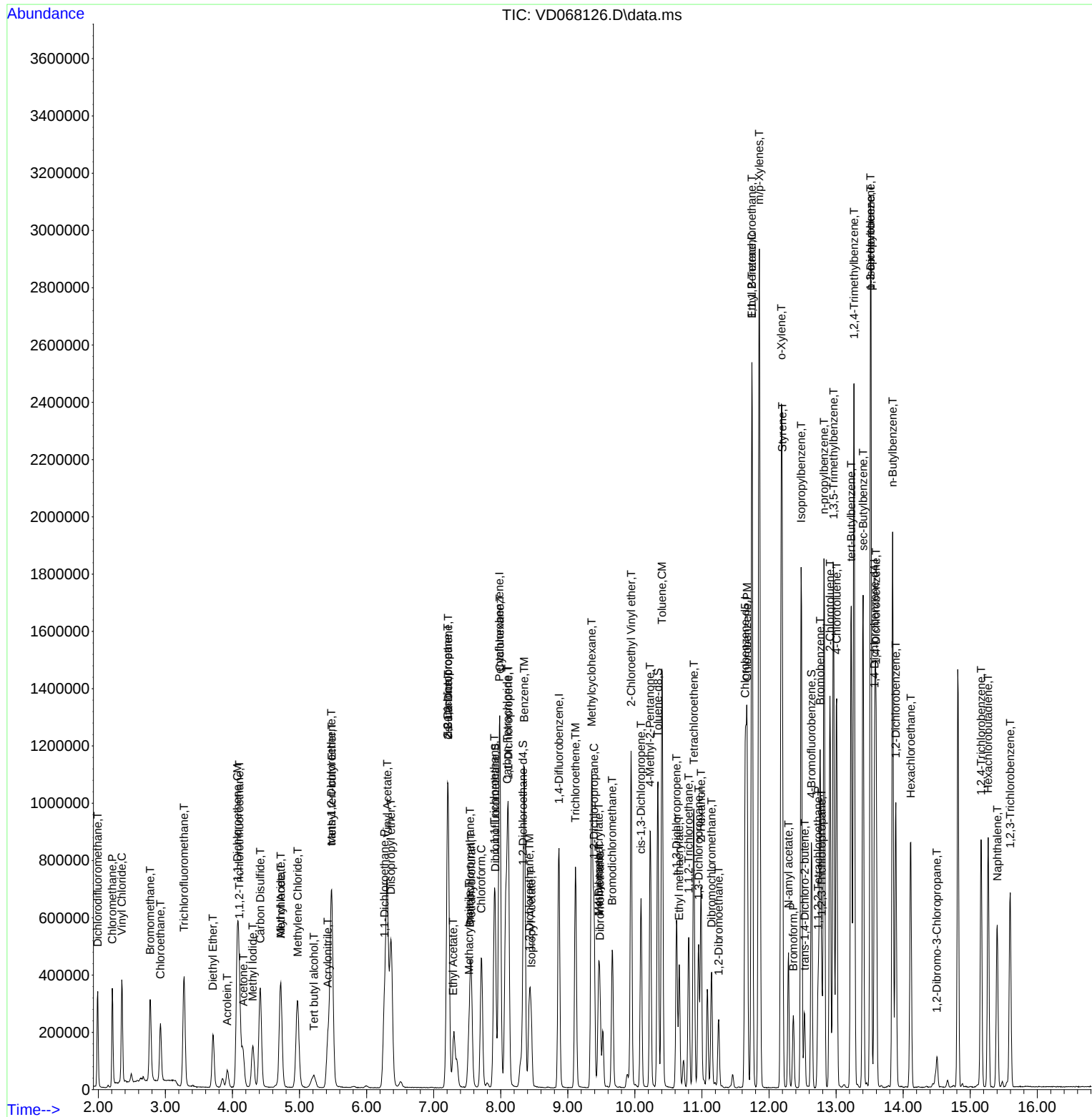
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Data File : VD068126.D  
Acq On : 21 Jan 2021 12:00  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

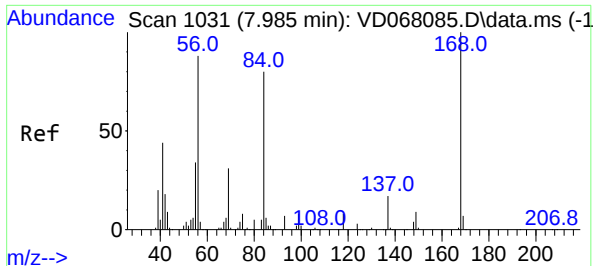
Instrument :  
MSVOA\_D  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Tue Jan 19 13:19:08 2021  
Response via : Initial Calibration





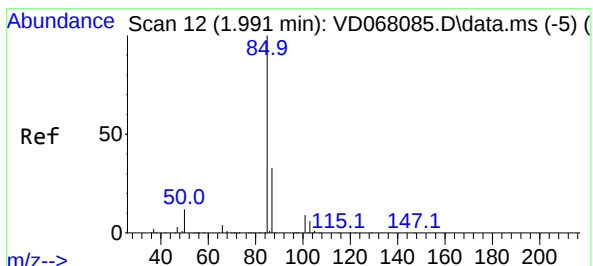
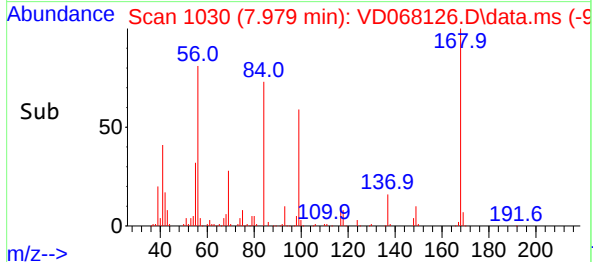
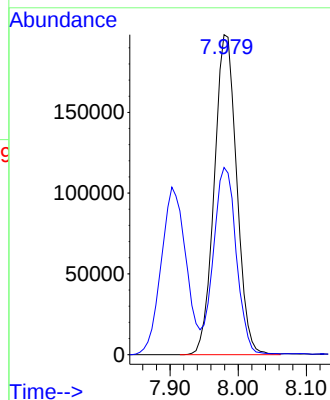
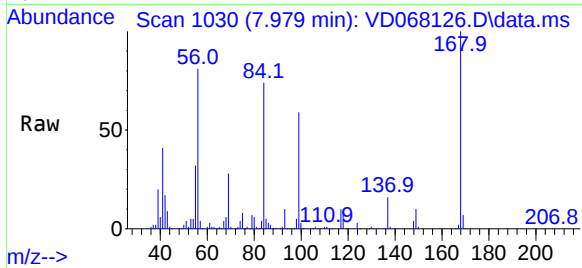
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 168 Resp: 452824  
Ion Ratio Lower Upper  
168 100  
99 58.2 43.5 65.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

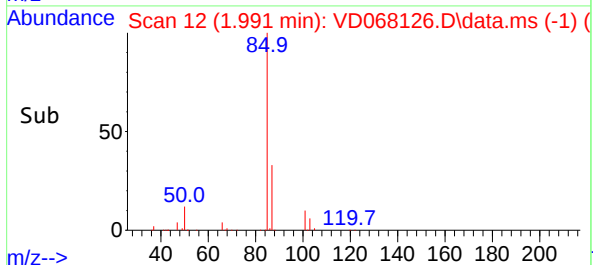
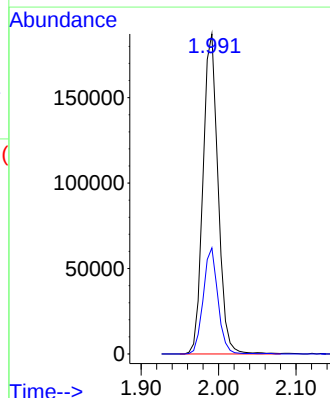
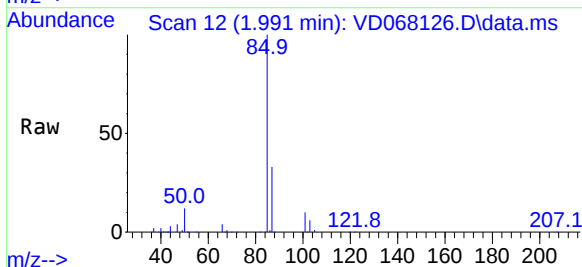
Manual Integrations  
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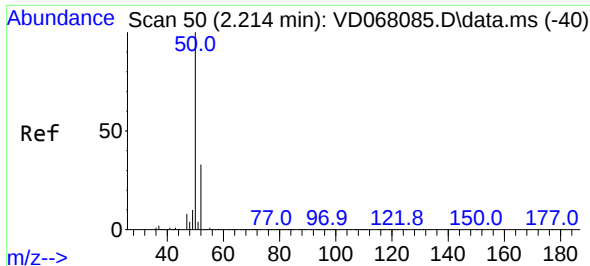
MMDadoda  
1/22/2021 5:03:59 PM



#2  
Dichlorodifluoromethane  
Concen: 46.95 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

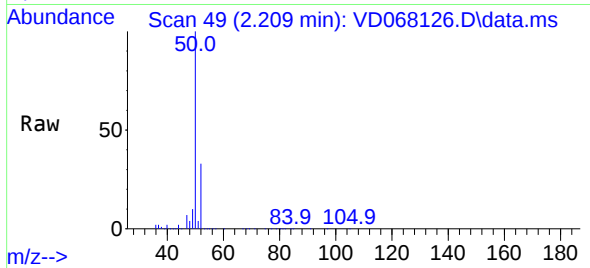
Tgt Ion: 85 Resp: 252533  
Ion Ratio Lower Upper  
85 100  
87 33.1 15.4 46.1





#3  
Chloromethane  
Concen: 47.16 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

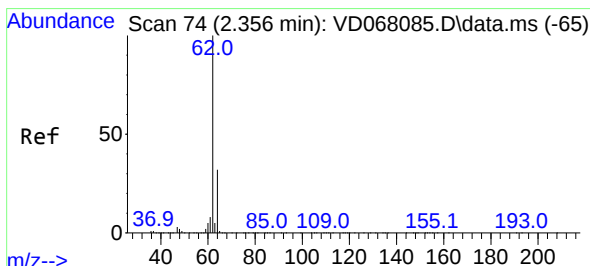
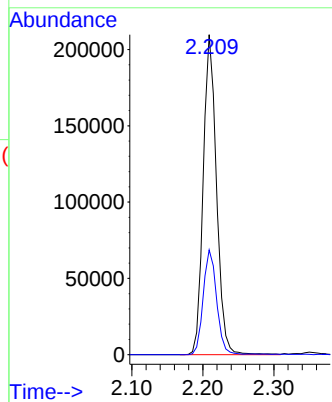
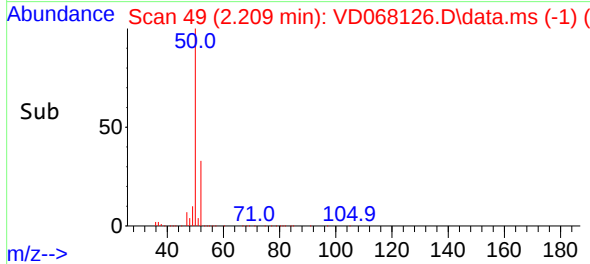
Instrument :  
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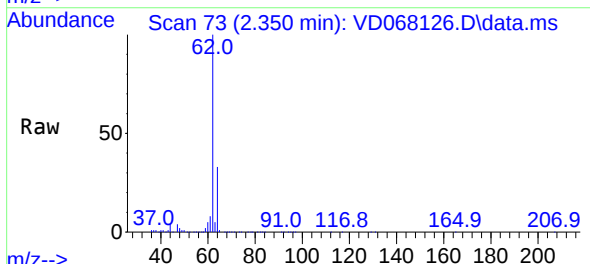
Tgt Ion: 50 Resp: 273184  
Ion Ratio Lower Upper  
50 100  
52 32.7 25.4 38.2

Manual Integrations  
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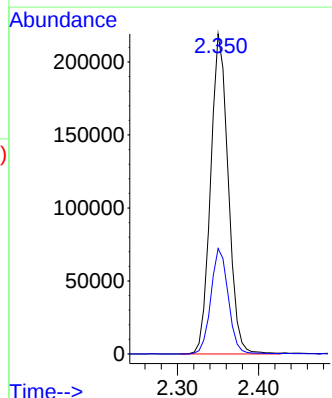
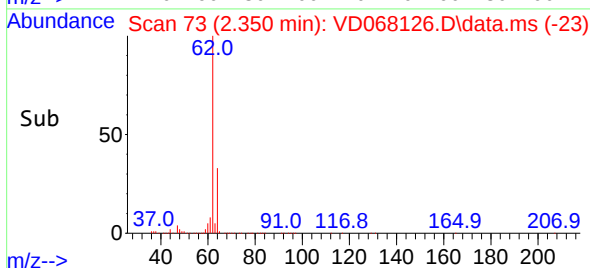
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1/22/2021 5:03:59 PM



#4  
Vinyl Chloride  
Concen: 51.21 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

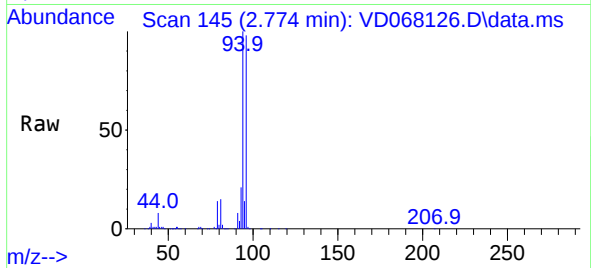


Tgt Ion: 62 Resp: 329962  
Ion Ratio Lower Upper  
62 100  
64 33.0 25.4 38.2

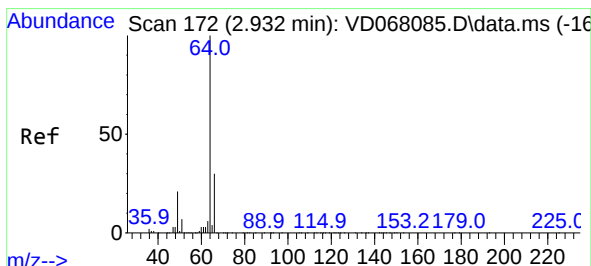
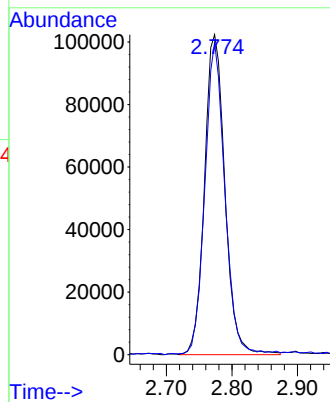
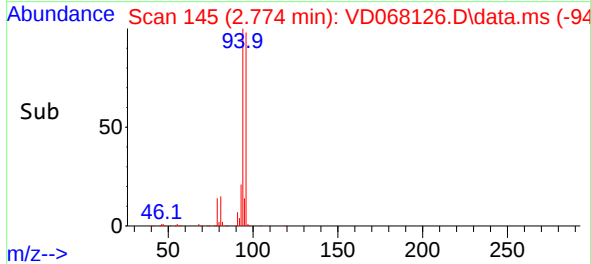




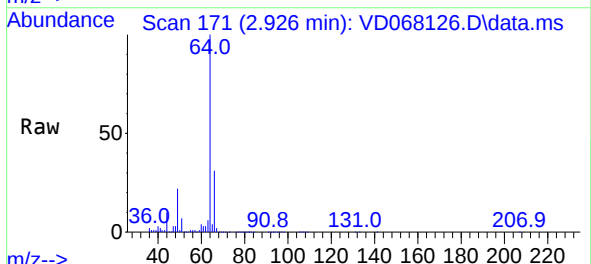
#5  
Bromomethane  
Concen: 50.14 ug/l  
RT: 2.774 min Scan# 145  
Delta R.T. 0.001 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



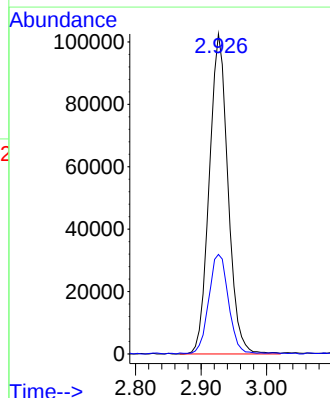
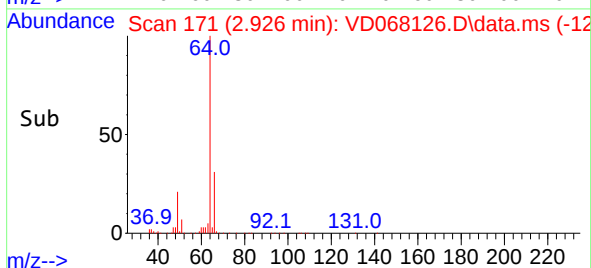
Tgt Ion: 94 Resp: 221550  
Ion Ratio Lower Upper  
94 100  
96 97.2 75.8 113.8



#6  
Chloroethane  
Concen: 51.65 ug/l  
RT: 2.926 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



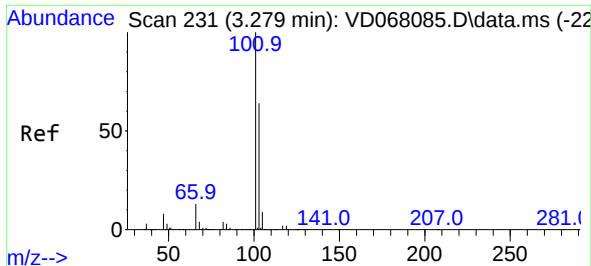
Tgt Ion: 64 Resp: 203303  
Ion Ratio Lower Upper  
64 100  
66 30.9 25.1 37.7



Instrument :  
MSVOA\_D  
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Manual Integrations  
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MMDadoda  
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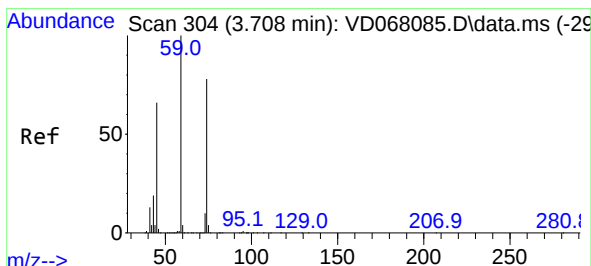
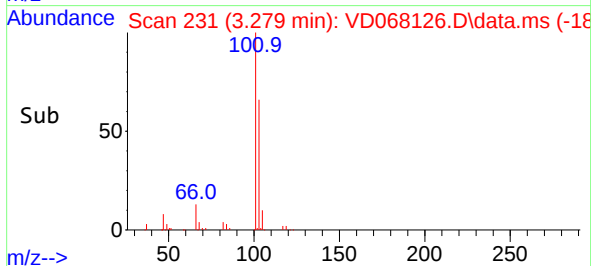
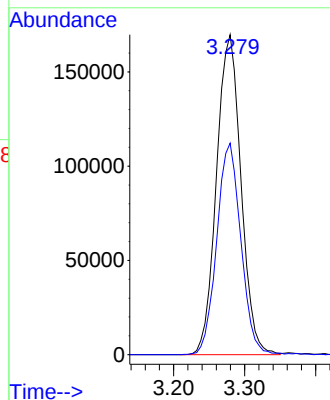
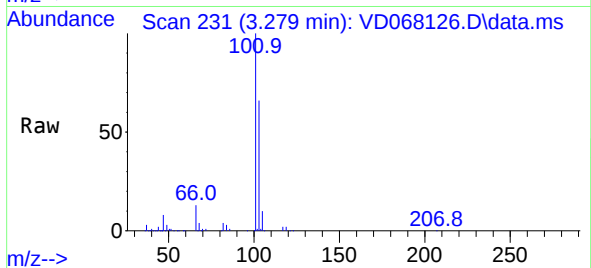
#7  
Trichlorofluoromethane  
Concen: 48.02 ug/l  
RT: 3.279 min Scan# 231  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion:101 Resp: 406158  
Ion Ratio Lower Upper  
101 100  
103 66.1 52.0 78.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

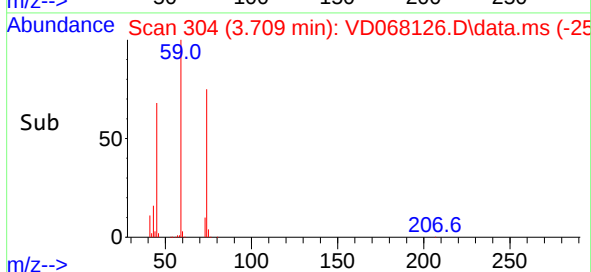
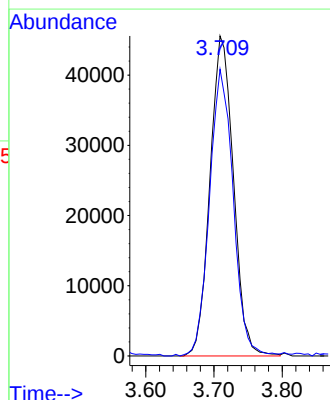
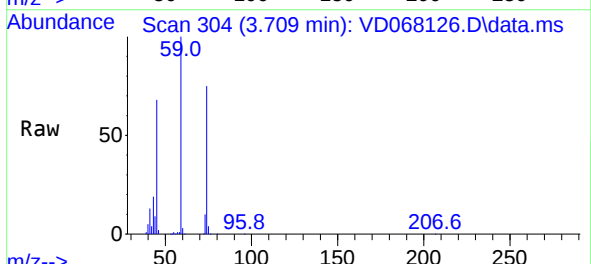
Manual Integrations  
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#8  
Diethyl Ether  
Concen: 43.84 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.001 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

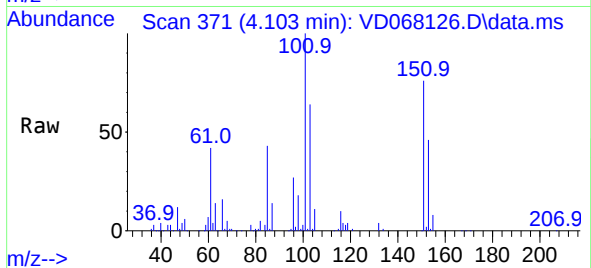
Tgt Ion: 74 Resp: 109162  
Ion Ratio Lower Upper  
74 100  
45 90.6 42.1 126.4





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.69 ug/l  
RT: 4.103 min Scan# 371  
Delta R.T. 0.001 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

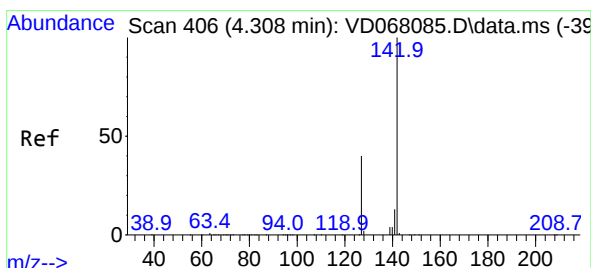
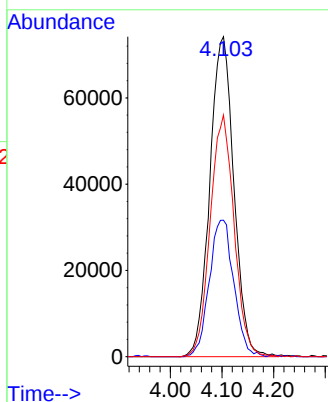
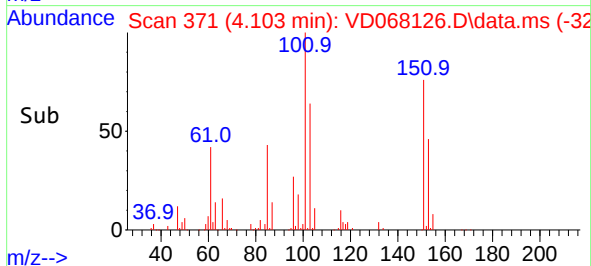
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



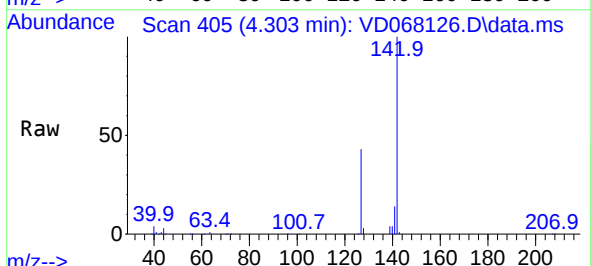
Tgt Ion:101 Resp: 240142  
Ion Ratio Lower Upper  
101 100  
85 43.4 34.0 51.0  
151 74.8 64.1 96.1

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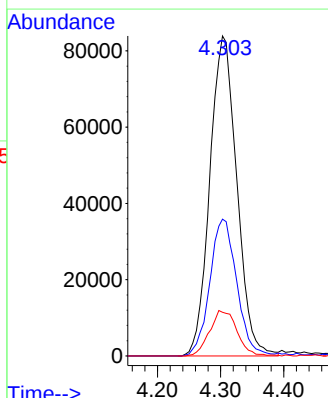
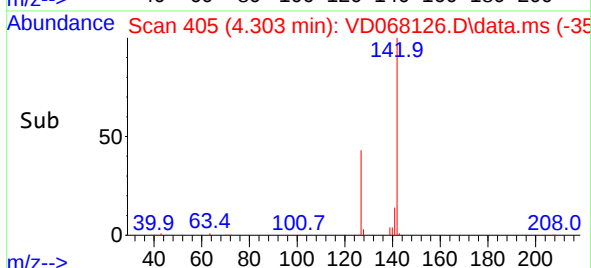
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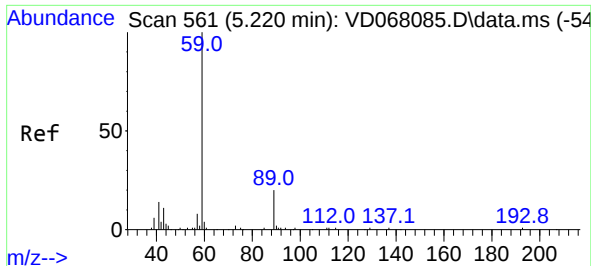


#10  
Methyl Iodide  
Concen: 45.37 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



Tgt Ion:142 Resp: 249274  
Ion Ratio Lower Upper  
142 100  
127 42.7 37.9 56.9  
141 14.4 11.5 17.3





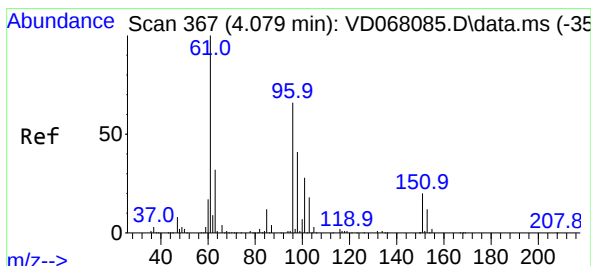
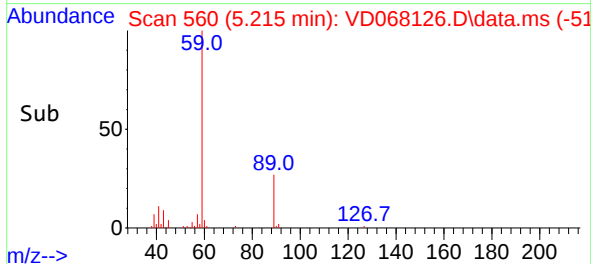
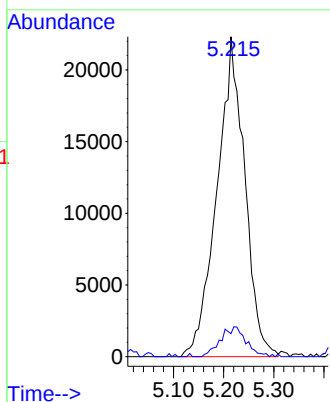
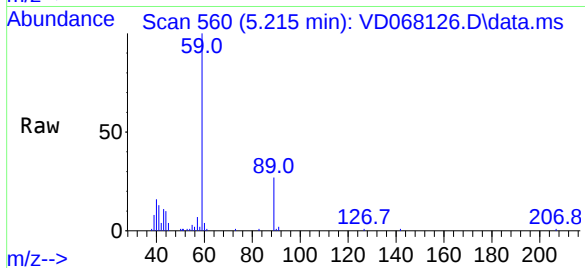
#11  
Tert butyl alcohol  
Concen: 210.53 ug/l  
RT: 5.215 min Scan# 560  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 59 Resp: 85883  
Ion Ratio Lower Upper  
59 100  
57 8.6 7.4 11.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

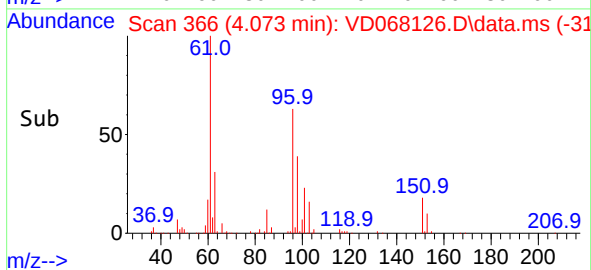
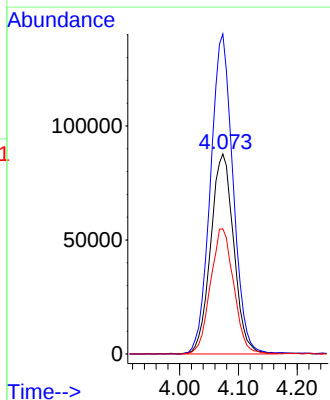
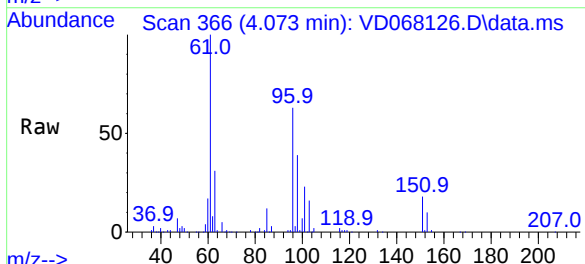
Manual Integrations  
APPROVED

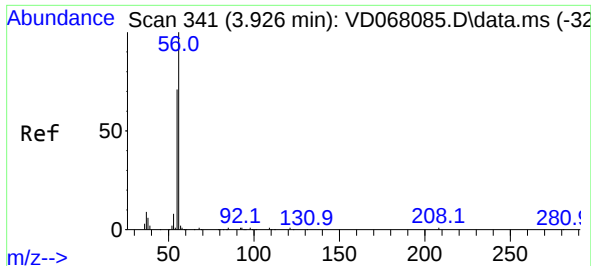
MMDadoda  
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#12  
1,1-Dichloroethene  
Concen: 48.34 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 96 Resp: 239802  
Ion Ratio Lower Upper  
96 100  
61 160.0 116.2 174.4  
98 62.6 48.6 73.0





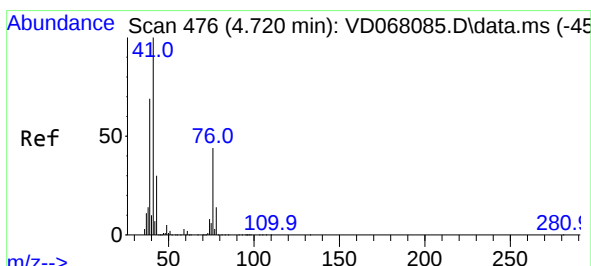
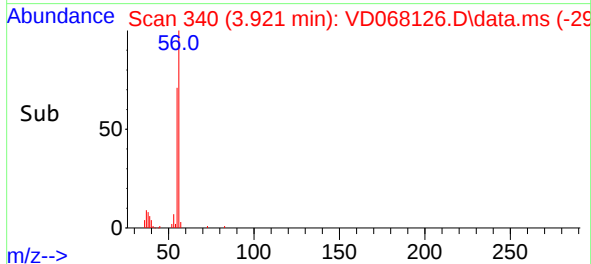
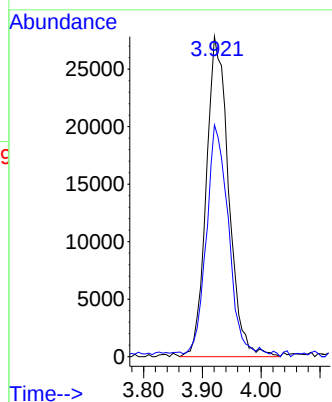
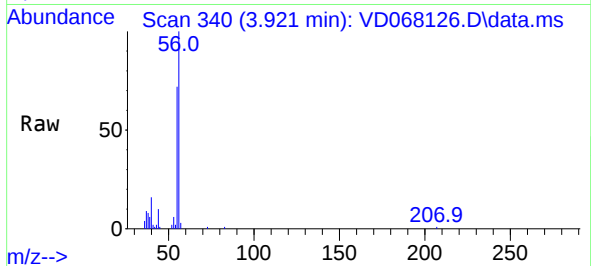
#13  
Acrolein  
Concen: 215.92 ug/l  
RT: 3.921 min Scan# 340  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 56 Resp: 73707  
Ion Ratio Lower Upper  
56 100  
55 69.0 56.5 84.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

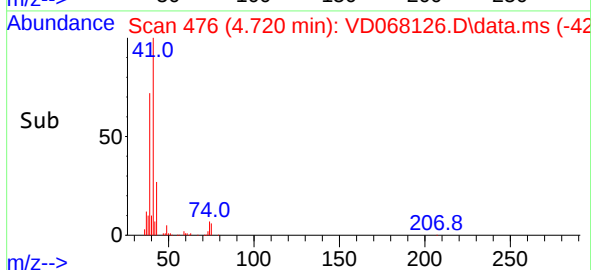
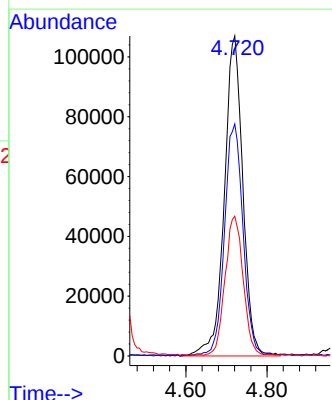
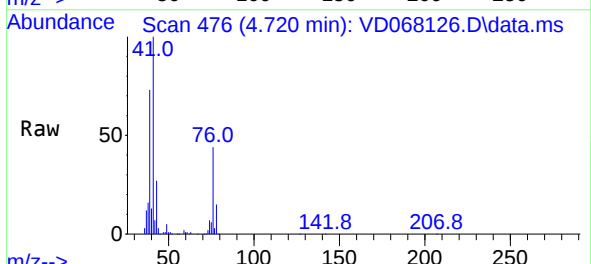
Manual Integrations  
APPROVED

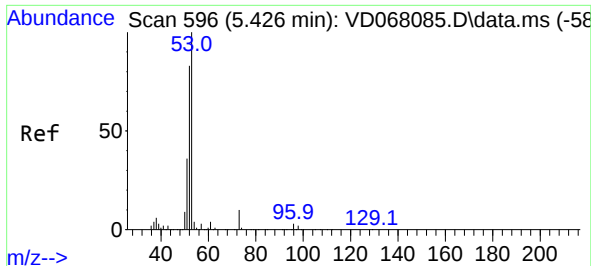
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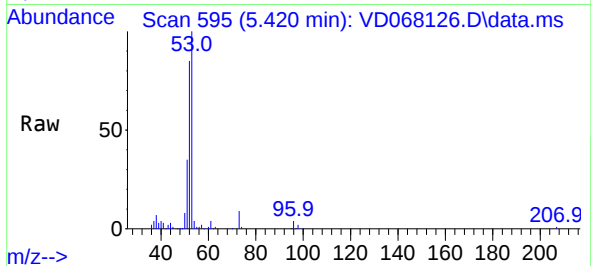
#14  
Allyl chloride  
Concen: 47.07 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 41 Resp: 339652  
Ion Ratio Lower Upper  
41 100  
39 72.4 56.3 84.5  
76 42.2 38.9 58.3



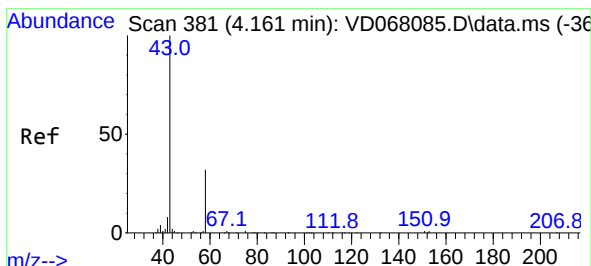
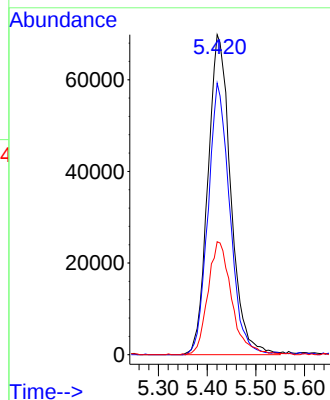
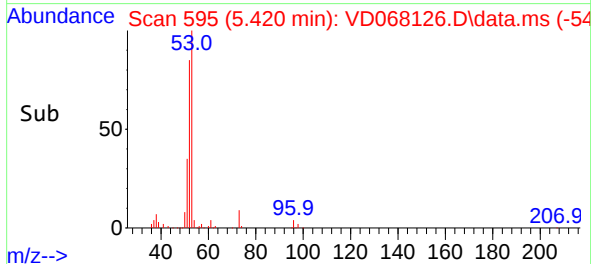


#15  
Acrylonitrile  
Concen: 230.36 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

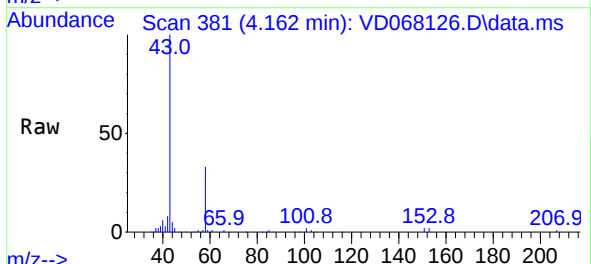


Tgt Ion: 53 Resp: 227222

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 80.7  | 66.2  | 99.2  |
| 51  | 36.8  | 29.0  | 43.4  |

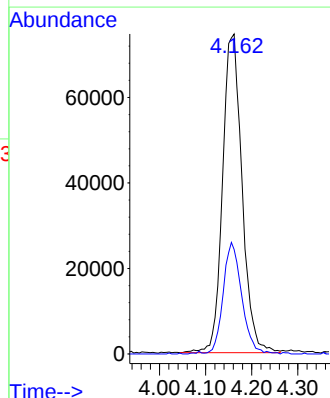
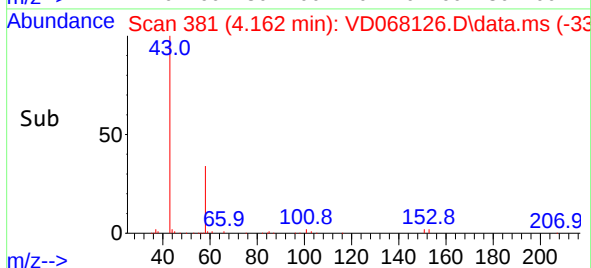


#16  
Acetone  
Concen: 282.24 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



Tgt Ion: 43 Resp: 218304

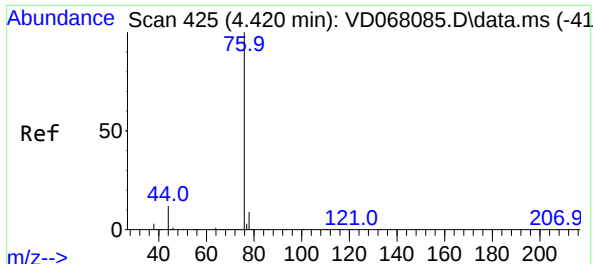
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.8  | 24.2  | 36.4  |



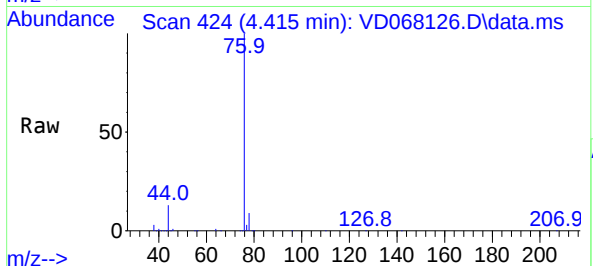
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

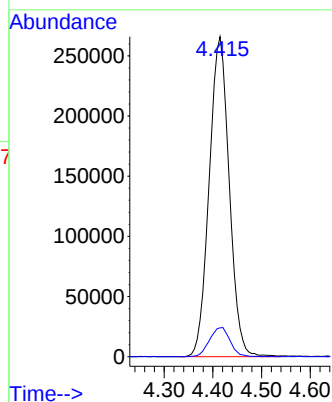
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#17  
Carbon Disulfide  
Concen: 47.53 ug/l  
RT: 4.415 min Scan# 424  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



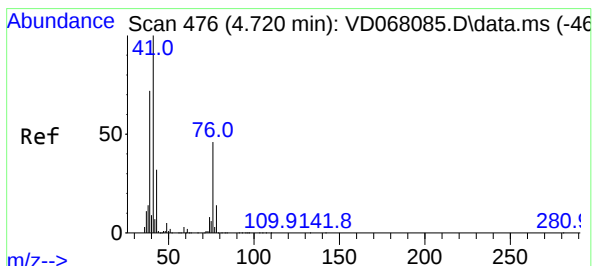
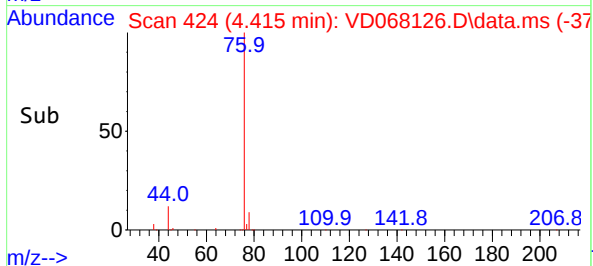
Tgt Ion: 76 Resp: 759384  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9



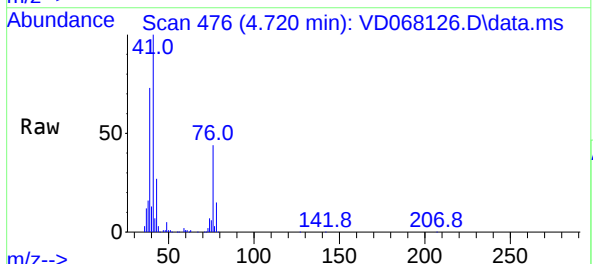
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

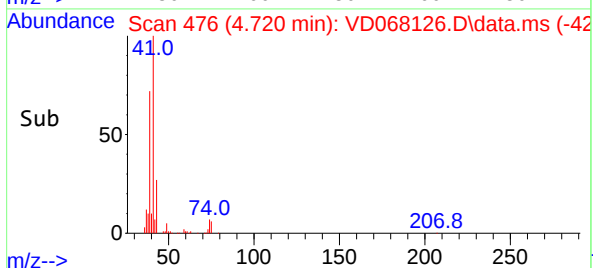
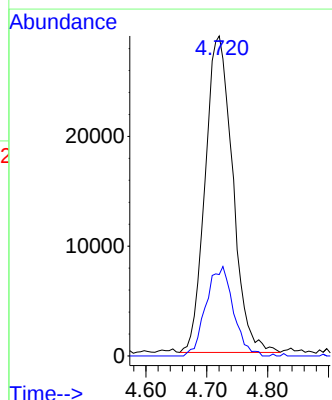
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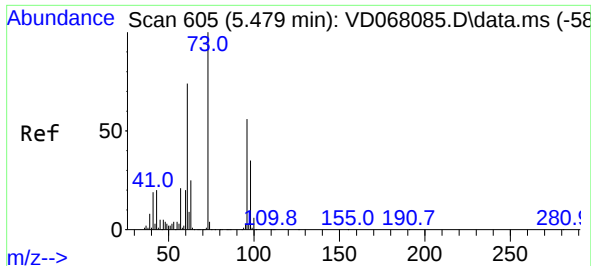


#18  
Methyl Acetate  
Concen: 45.00 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



Tgt Ion: 43 Resp: 90333  
Ion Ratio Lower Upper  
43 100  
74 28.0 25.4 38.0





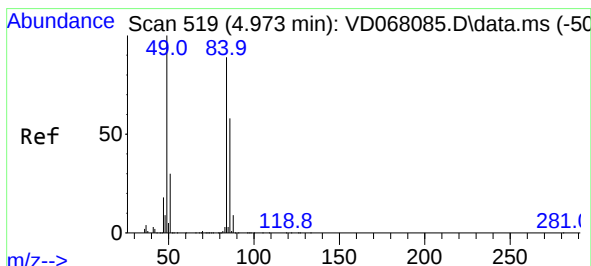
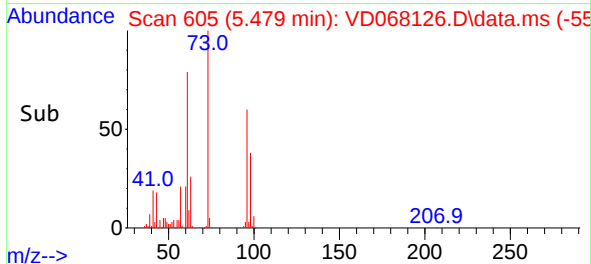
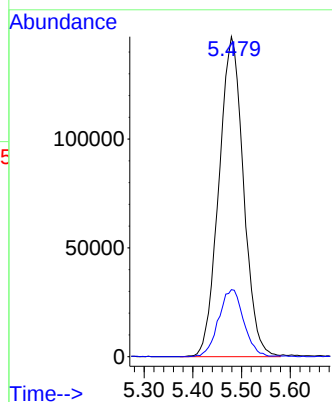
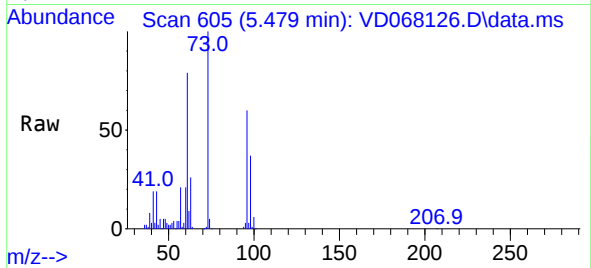
#19  
Methyl tert-butyl Ether  
Concen: 45.04 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 73 Resp: 516584  
Ion Ratio Lower Upper  
73 100  
57 21.0 14.4 21.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

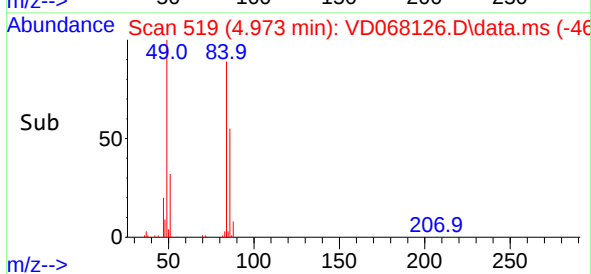
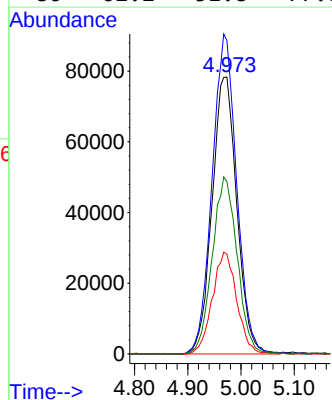
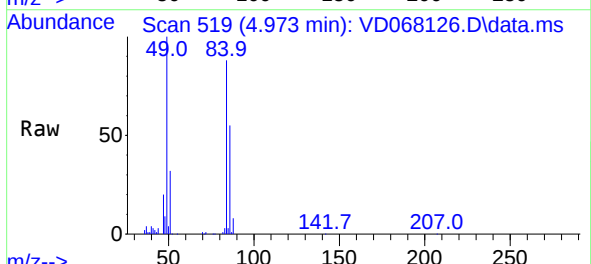
Manual Integrations  
APPROVED

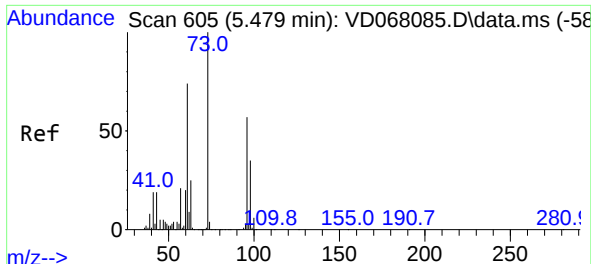
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#20  
Methylene Chloride  
Concen: 46.72 ug/l  
RT: 4.973 min Scan# 519  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

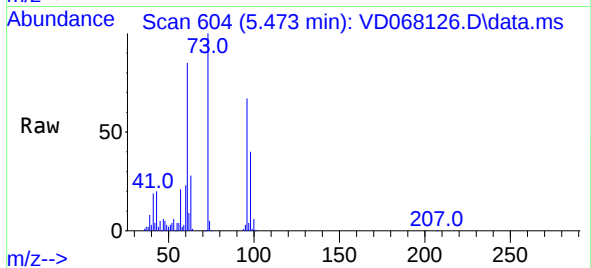
Tgt Ion: 84 Resp: 253657  
Ion Ratio Lower Upper  
84 100  
49 113.1 77.4 116.2  
51 36.0 26.1 39.1  
86 62.2 51.8 77.8





#21  
trans-1,2-Dichloroethene  
Concen: 47.85 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

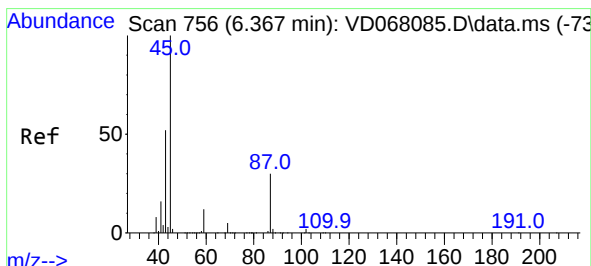
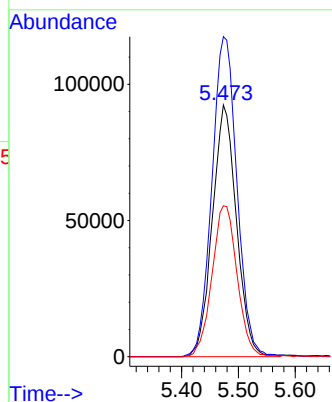
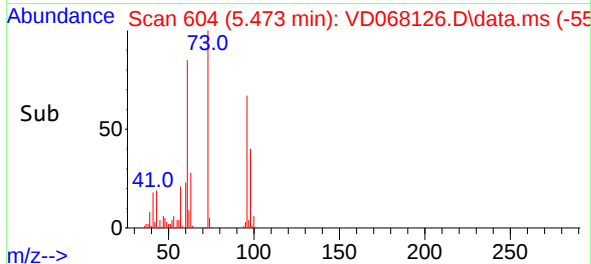
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



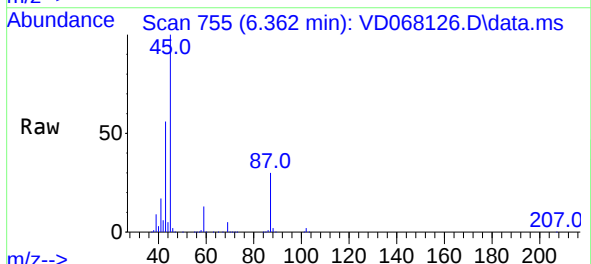
Tgt Ion: 96 Resp: 272541  
Ion Ratio Lower Upper  
96 100  
61 127.2 96.7 145.1  
98 60.0 47.6 71.4

Manual Integrations  
APPROVED

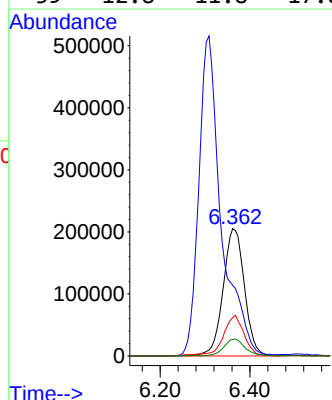
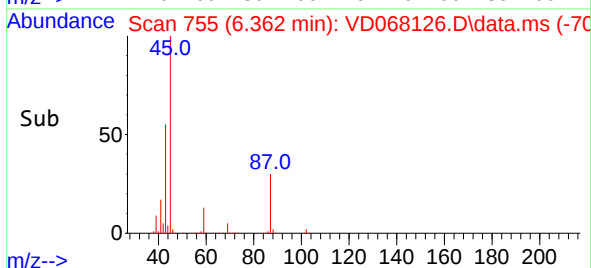
MMDadoda  
1/22/2021 5:03:59 PM

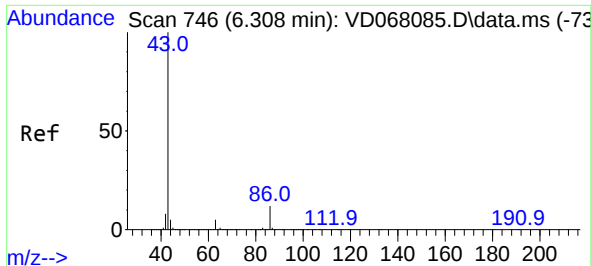


#22  
Diisopropyl ether  
Concen: 46.60 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



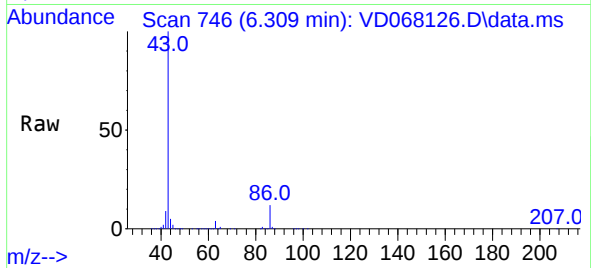
Tgt Ion: 45 Resp: 678591  
Ion Ratio Lower Upper  
45 100  
43 54.7 43.9 65.9  
87 29.9 29.9 44.9#  
59 12.8 11.8 17.8





#23  
 Vinyl Acetate  
 Concen: 231.67 ug/l  
 RT: 6.309 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD068126.D  
 Acq: 21 Jan 2021 12:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

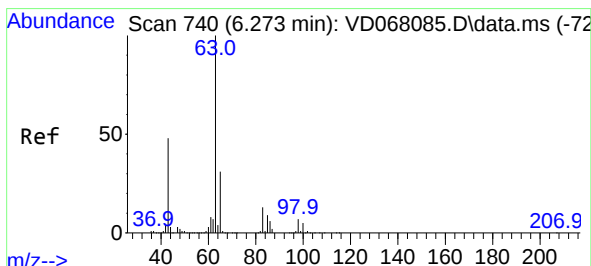
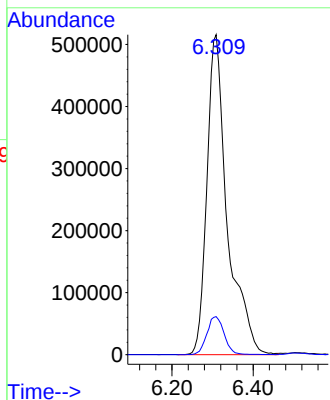
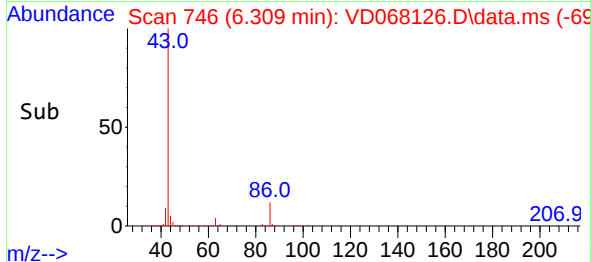


Tgt Ion: 43 Resp: 1798196  

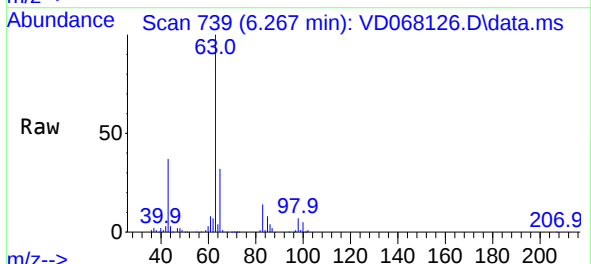
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 11.9  | 10.8  | 16.2  |

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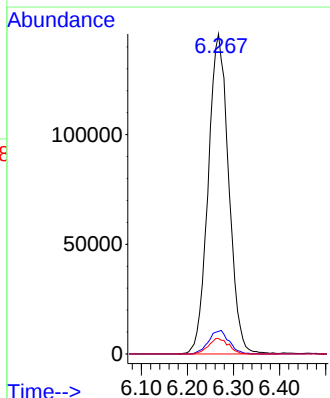
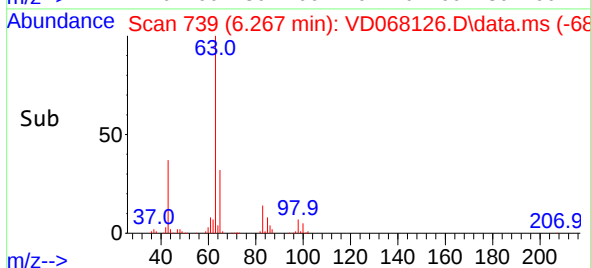


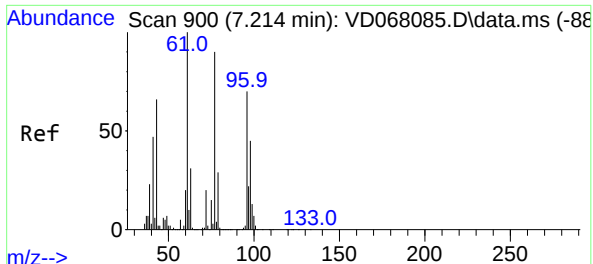
#24  
 1,1-Dichloroethane  
 Concen: 47.80 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. -0.006 min  
 Lab File: VD068126.D  
 Acq: 21 Jan 2021 12:00



Tgt Ion: 63 Resp: 450995  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.1   | 3.8   | 11.4  |
| 100 | 4.8   | 2.6   | 8.0   |





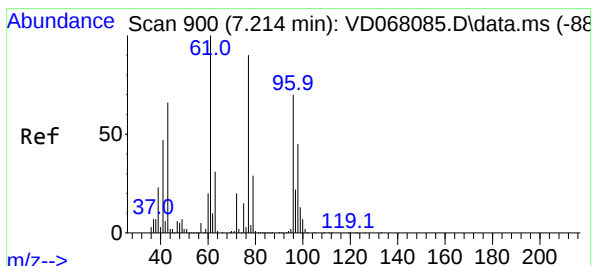
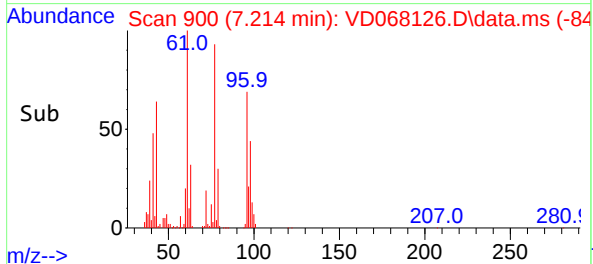
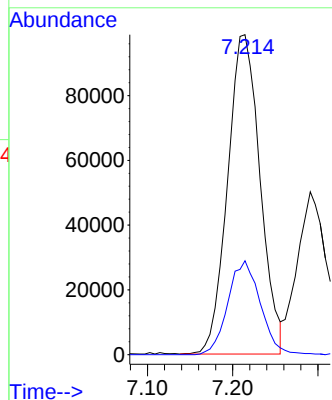
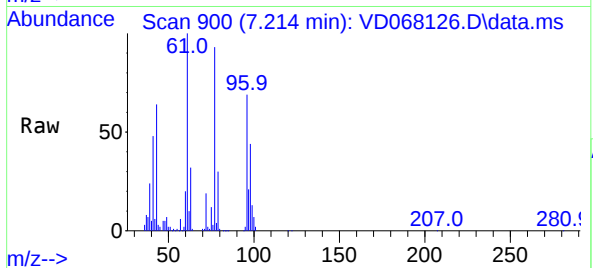
#25  
2-Butanone  
Concen: 224.43 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 43 Resp: 261367  
Ion Ratio Lower Upper  
43 100  
72 29.4 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

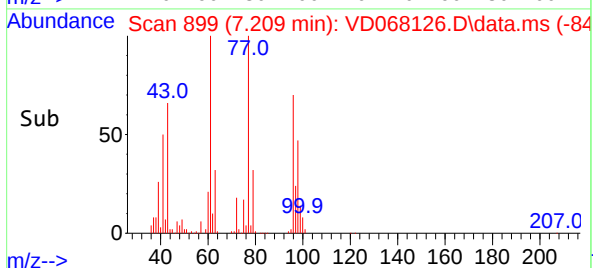
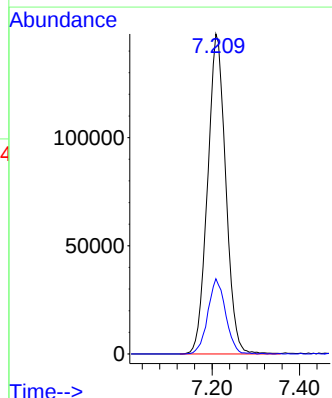
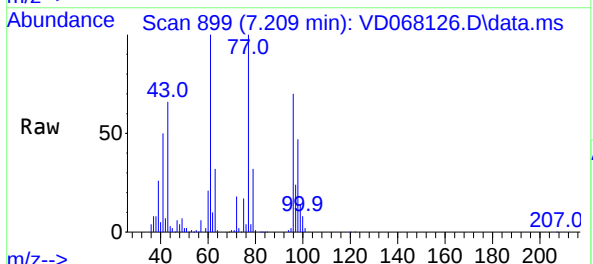
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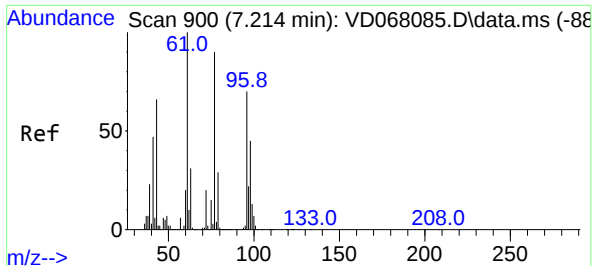
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#26  
2,2-Dichloropropane  
Concen: 47.86 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 77 Resp: 427212  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.7 35.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 46.67 ug/l  
 RT: 7.214 min Scan# 900  
 Delta R.T. 0.000 min  
 Lab File: VD068126.D  
 Acq: 21 Jan 2021 12:00

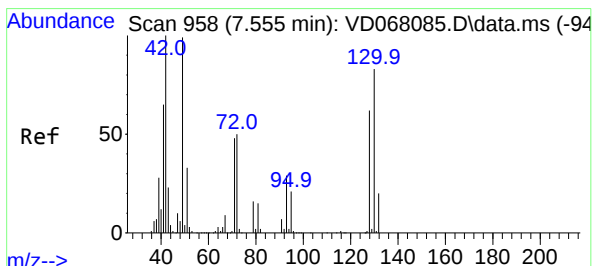
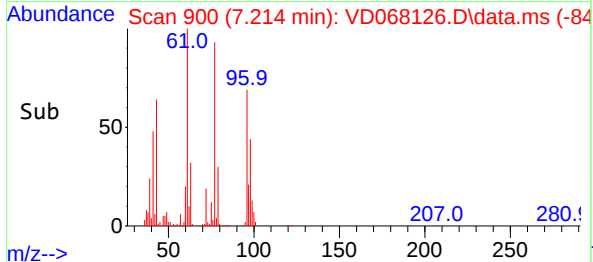
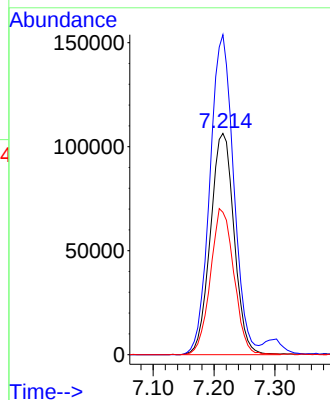
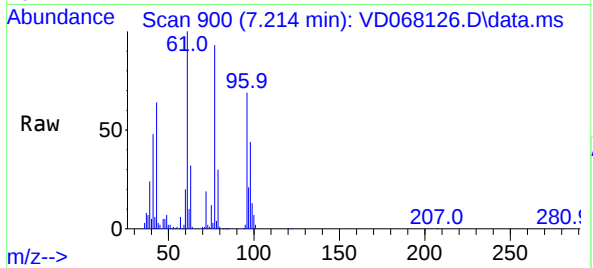
Tgt Ion: 96 Resp: 288603  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 144.9 | 0.0   | 257.4 |
| 98  | 65.3  | 0.0   | 126.6 |

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
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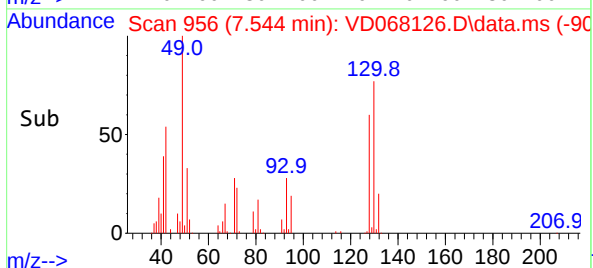
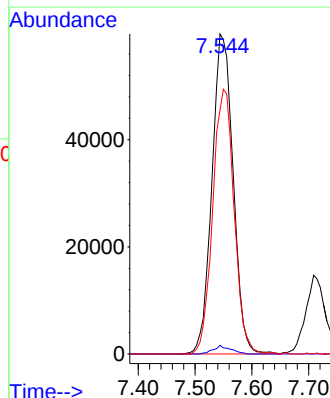
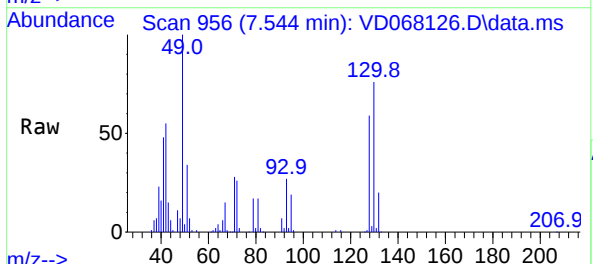
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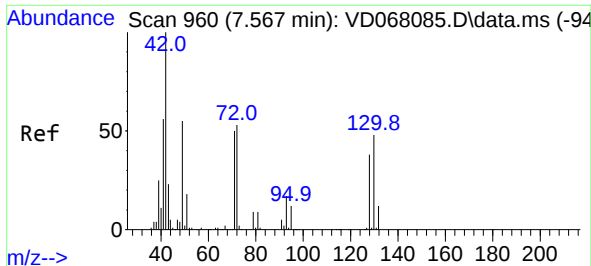


#28  
 Bromochloromethane  
 Concen: 48.13 ug/l  
 RT: 7.544 min Scan# 956  
 Delta R.T. -0.011 min  
 Lab File: VD068126.D  
 Acq: 21 Jan 2021 12:00

Tgt Ion: 49 Resp: 154696  

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 49  | 100   |       |        |
| 129 | 2.1   | 0.0   | 4.8    |
| 130 | 83.3  | 85.5  | 128.3# |





#29

Tetrahydrofuran

Concen: 218.99 ug/l

RT: 7.562 min Scan# 959

Delta R.T. -0.005 min

Lab File: VD068126.D

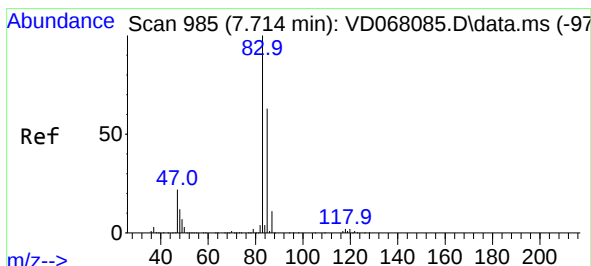
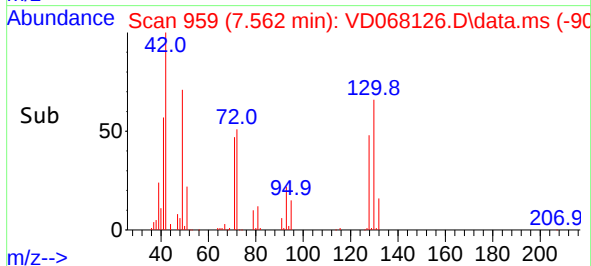
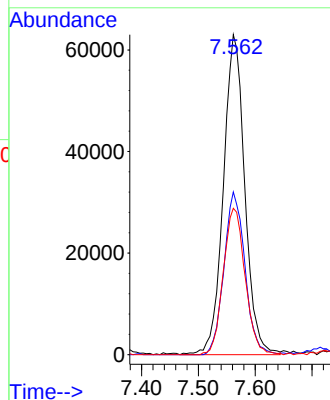
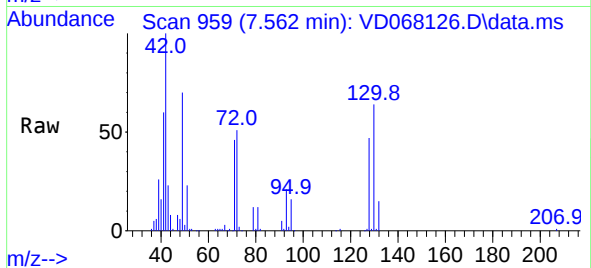
Acq: 21 Jan 2021 12:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 165328 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 49.6  | 43.4  | 65.0   |
| 71       | 46.6  | 40.8  | 61.2   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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#30

Chloroform

Concen: 46.87 ug/l

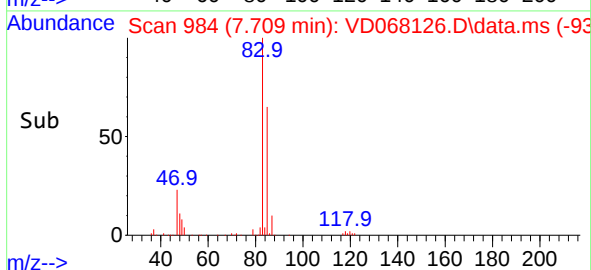
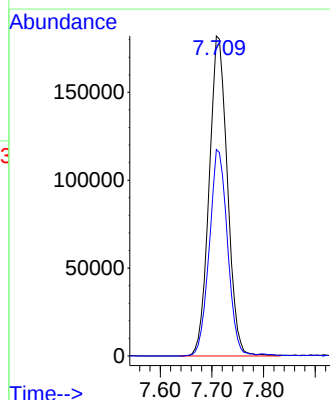
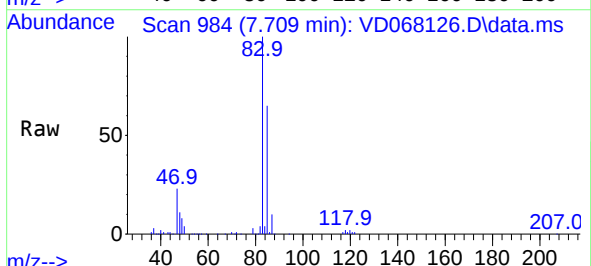
RT: 7.709 min Scan# 984

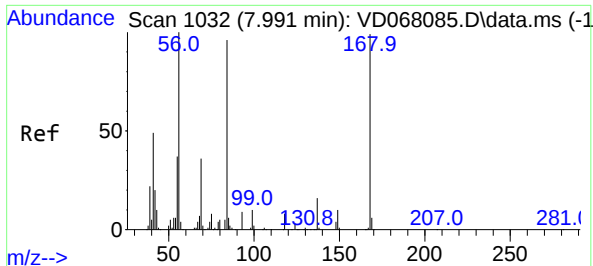
Delta R.T. -0.005 min

Lab File: VD068126.D

Acq: 21 Jan 2021 12:00

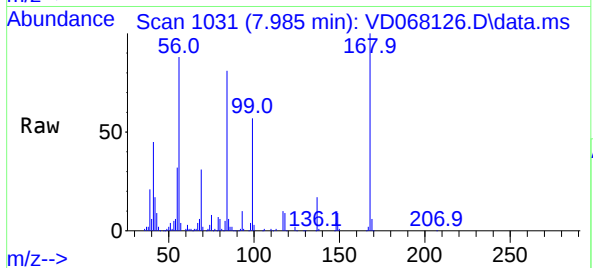
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 446883 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.5  | 53.4  | 80.0   |





#31  
Cyclohexane  
Concen: 46.04 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

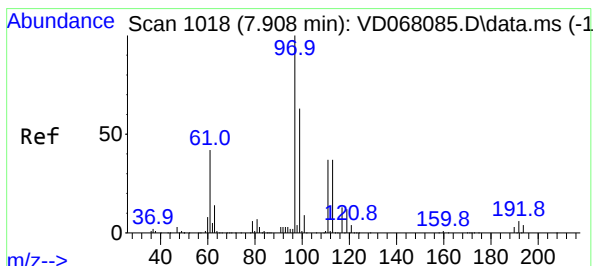
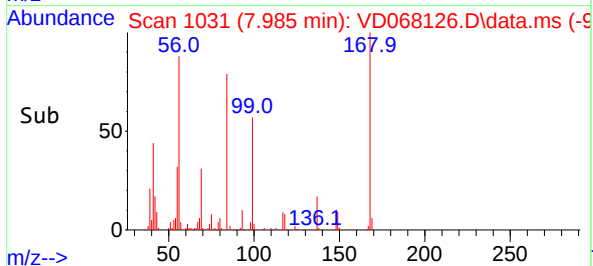
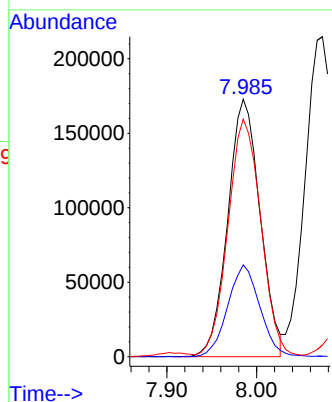
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



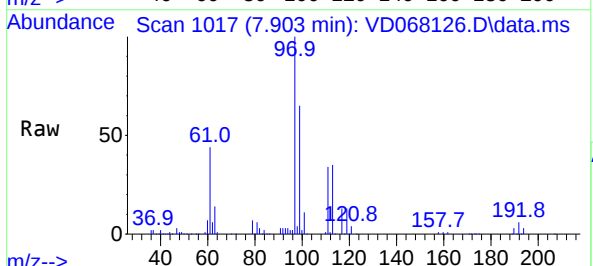
Tgt Ion: 56 Resp: 431837  
Ion Ratio Lower Upper  
56 100  
69 35.7 30.1 45.1  
84 90.9 82.1 123.1

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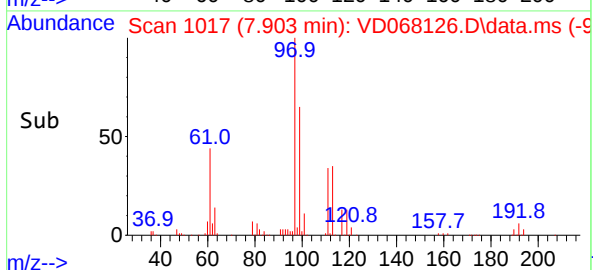
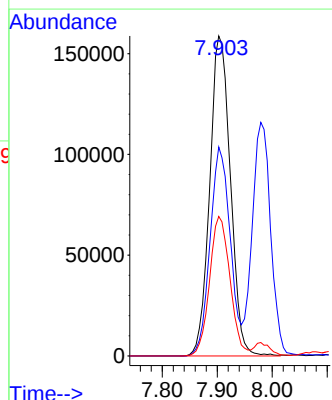
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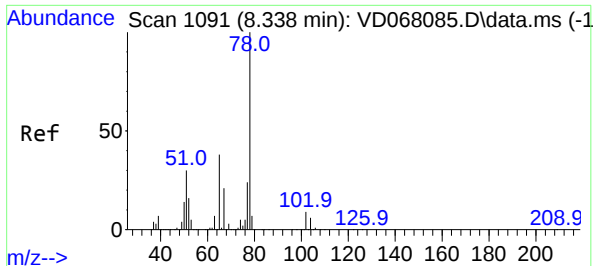


#32  
1,1,1-Trichloroethane  
Concen: 48.28 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



Tgt Ion: 97 Resp: 414862  
Ion Ratio Lower Upper  
97 100  
99 63.8 52.1 78.1  
61 43.1 30.1 45.1





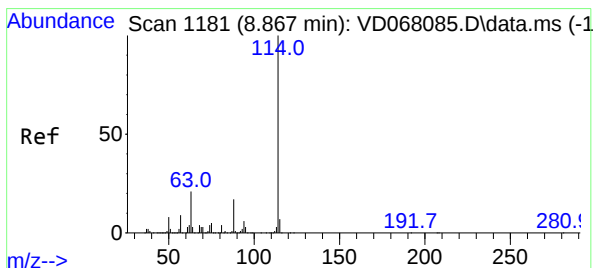
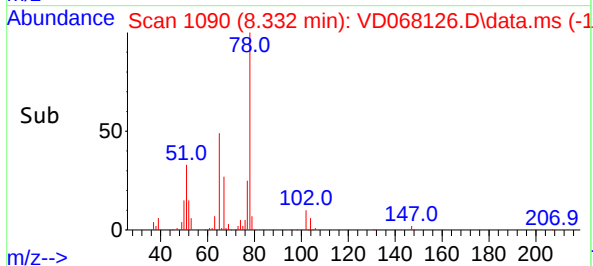
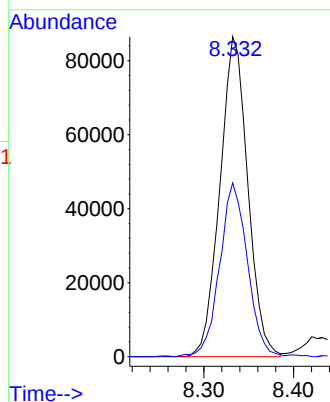
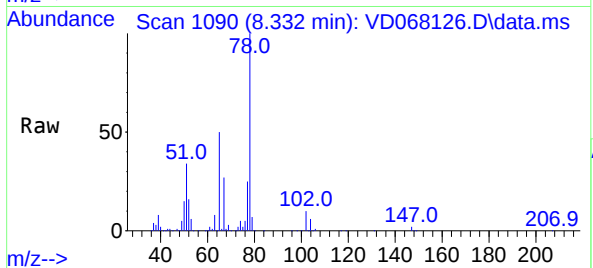
#33  
1,2-Dichloroethane-d4  
Concen: 43.08 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 65 Resp: 186592  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 105.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

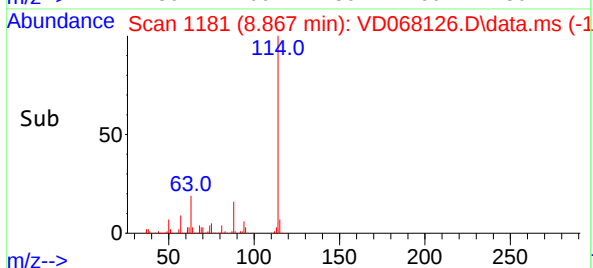
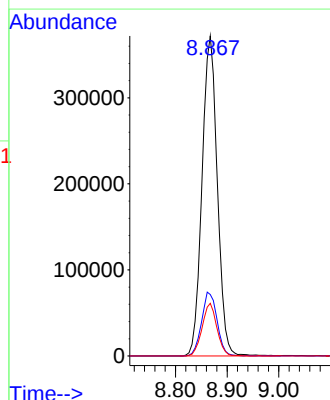
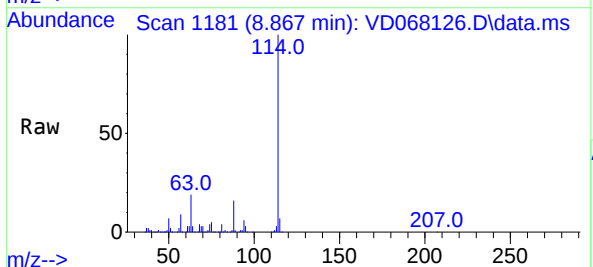
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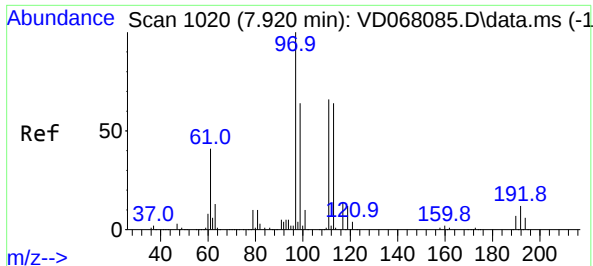
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 114 Resp: 764188  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 34.8  
88 16.4 0.0 31.6





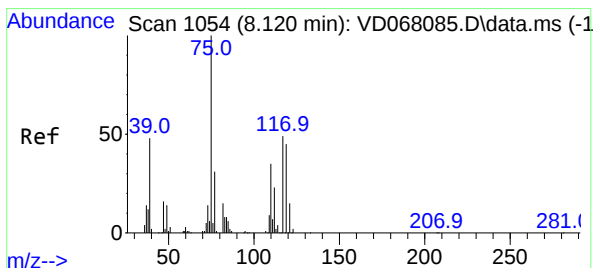
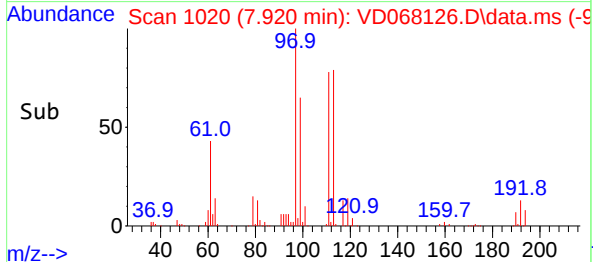
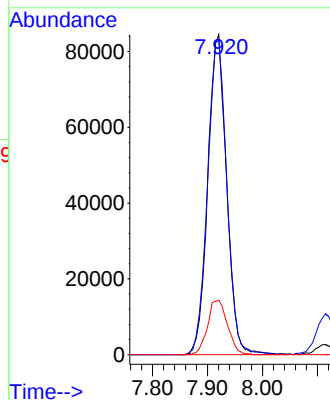
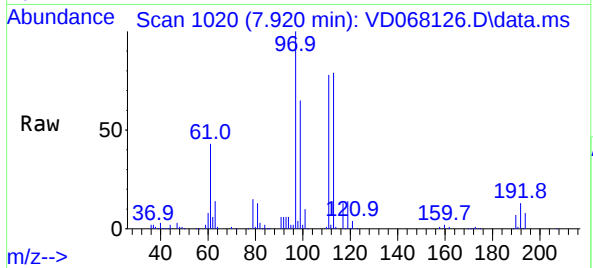
#35  
Dibromofluoromethane  
Concen: 47.42 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 113 Resp: 200328  
Ion Ratio Lower Upper  
113 100  
111 101.2 81.4 122.0  
192 18.1 16.1 24.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

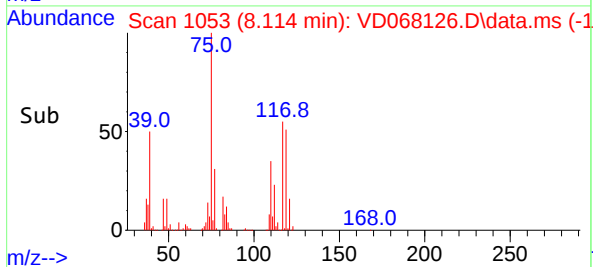
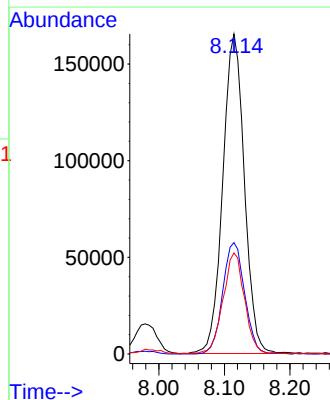
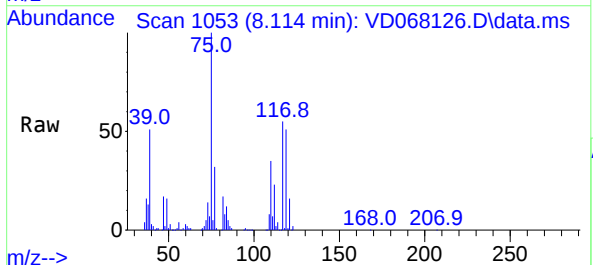
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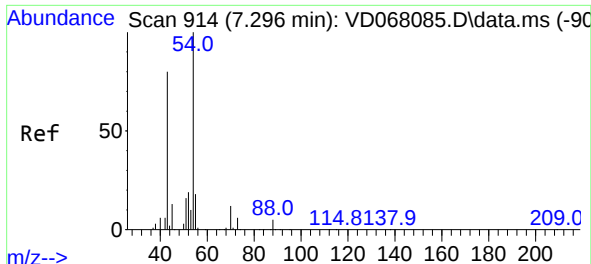
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#36  
1,1-Dichloropropene  
Concen: 48.92 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

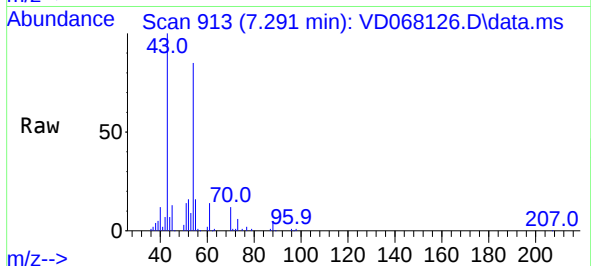
Tgt Ion: 75 Resp: 377024  
Ion Ratio Lower Upper  
75 100  
110 35.6 19.4 58.2  
77 31.8 25.3 37.9





#37  
Ethyl Acetate  
Concen: 45.48 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

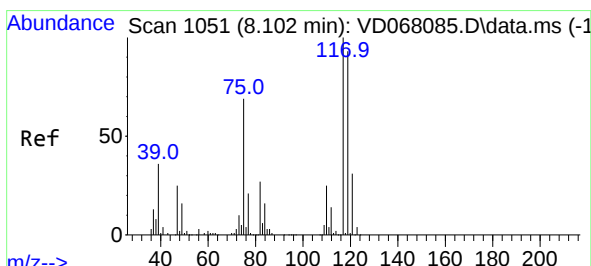
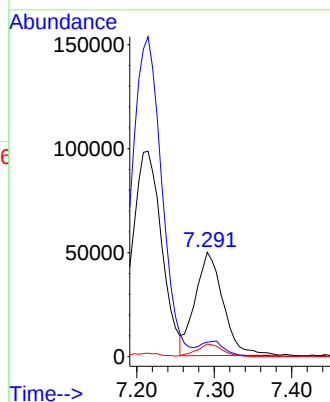
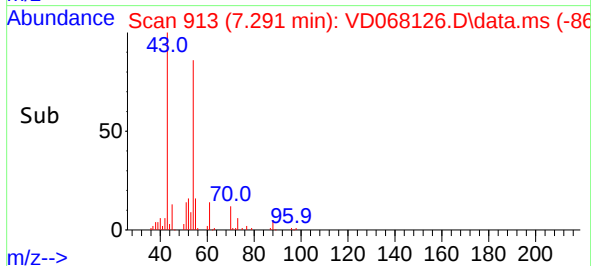
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



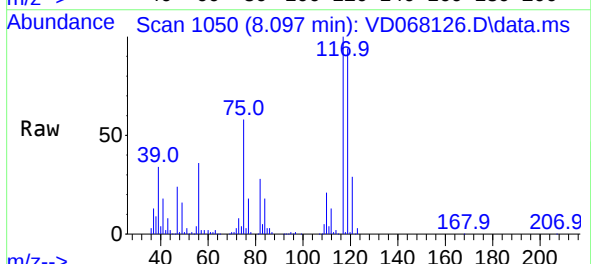
Tgt Ion: 43 Resp: 123967  
Ion Ratio Lower Upper  
43 100  
61 12.5 12.9 19.3#  
70 11.5 11.0 16.6

Manual Integrations  
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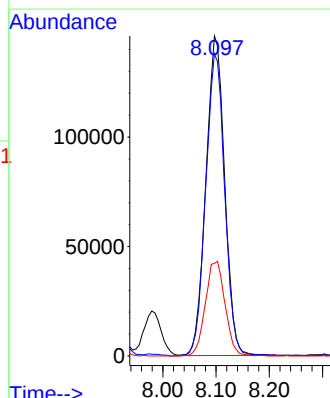
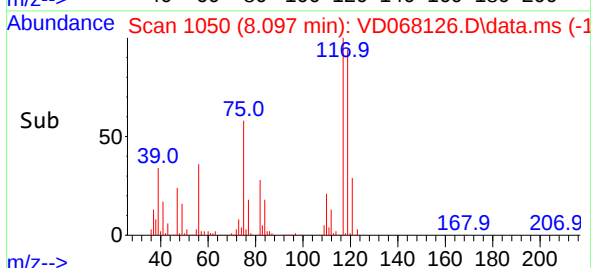
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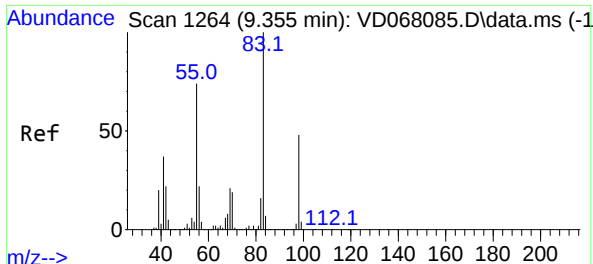


#38  
Carbon Tetrachloride  
Concen: 49.64 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



Tgt Ion: 117 Resp: 358060  
Ion Ratio Lower Upper  
117 100  
119 94.5 77.3 115.9  
121 29.0 24.7 37.1





#39

Methylcyclohexane

Concen: 49.12 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068126.D

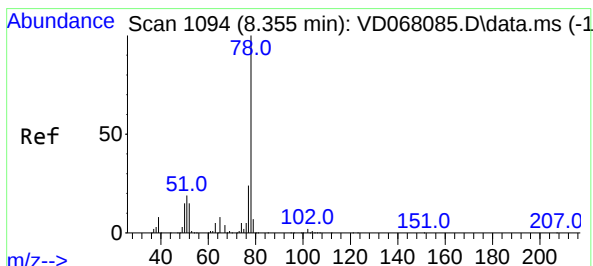
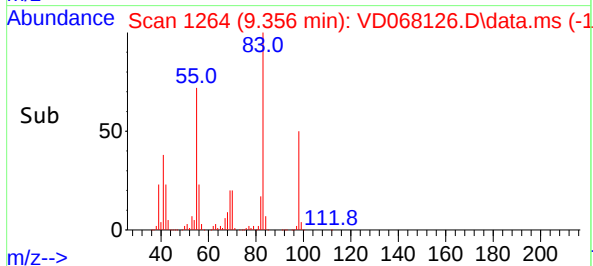
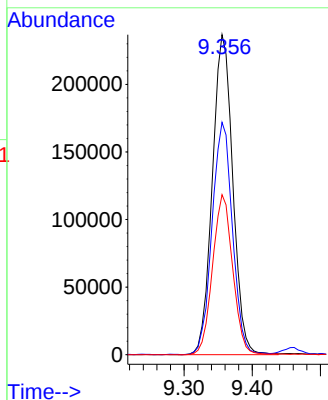
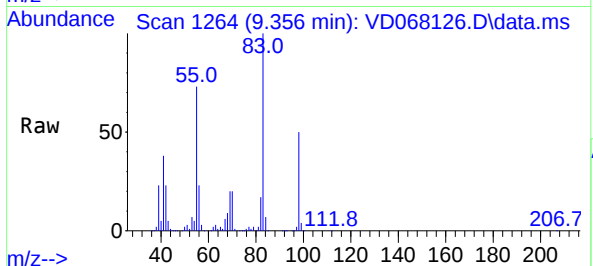
Acq: 21 Jan 2021 12:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 494853 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 72.5  | 55.2  | 82.8   |
| 98       | 50.0  | 39.1  | 58.7   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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#40

Benzene

Concen: 48.27 ug/l

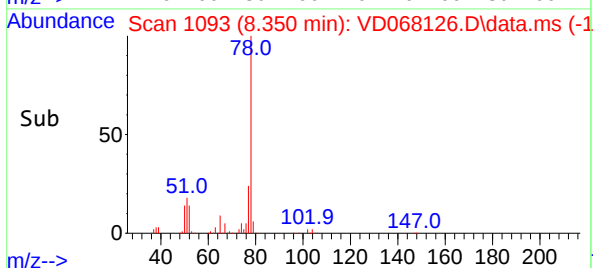
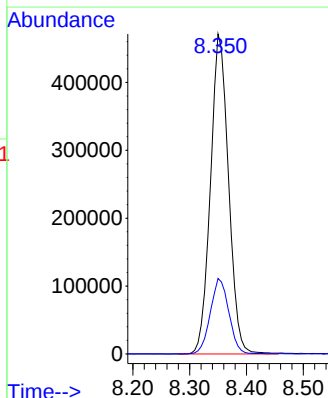
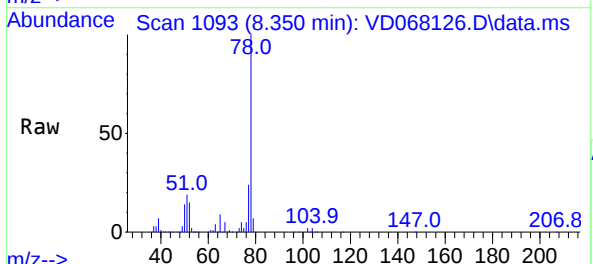
RT: 8.350 min Scan# 1093

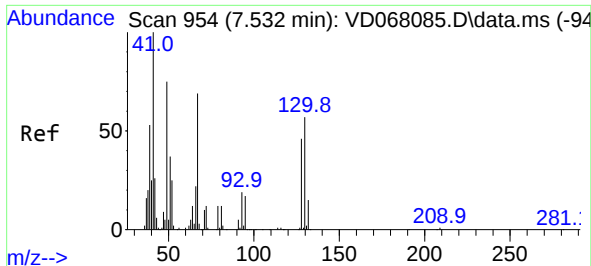
Delta R.T. -0.005 min

Lab File: VD068126.D

Acq: 21 Jan 2021 12:00

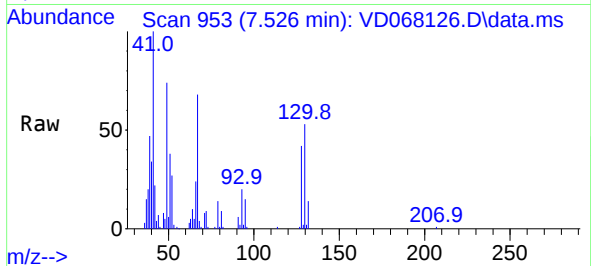
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 78    | Resp: | 1040028 |
| Ion      | Ratio | Lower | Upper   |
| 78       | 100   |       |         |
| 77       | 23.6  | 17.8  | 26.6    |





#41  
Methacrylonitrile  
Concen: 50.42 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

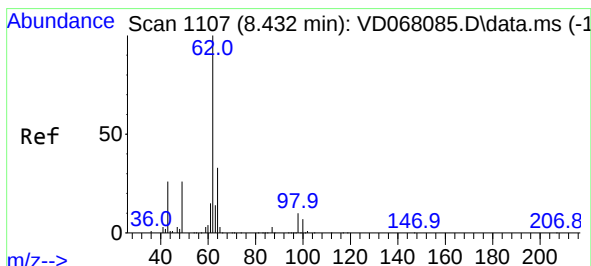
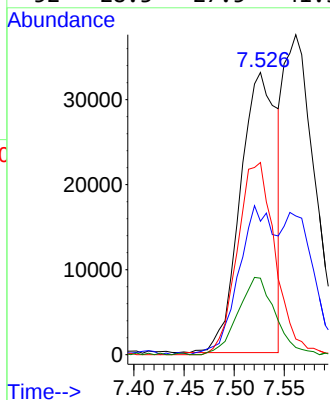
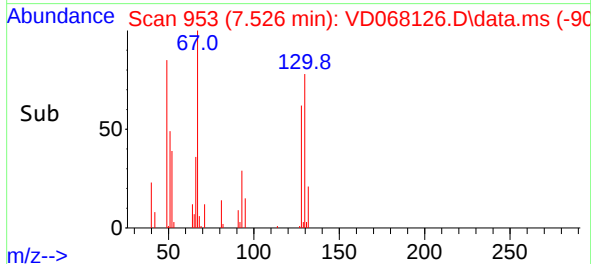


Tgt Ion: 41 Resp: 82944

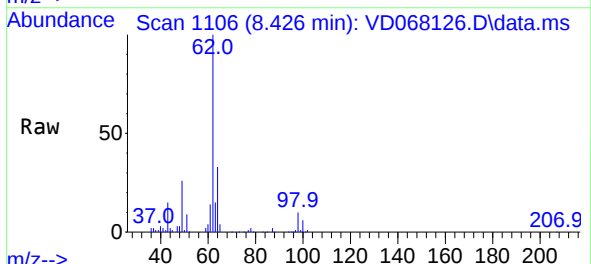
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.6  | 45.2  | 67.8  |
| 67  | 71.4  | 67.4  | 101.2 |
| 52  | 28.3  | 27.5  | 41.3  |

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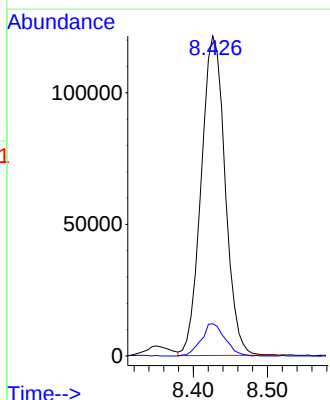
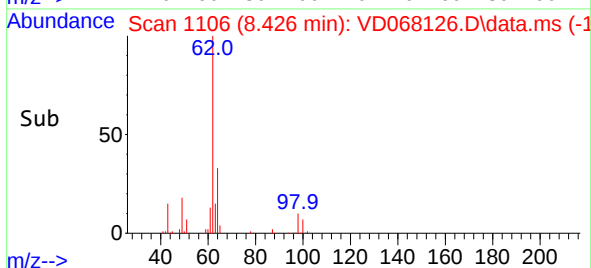


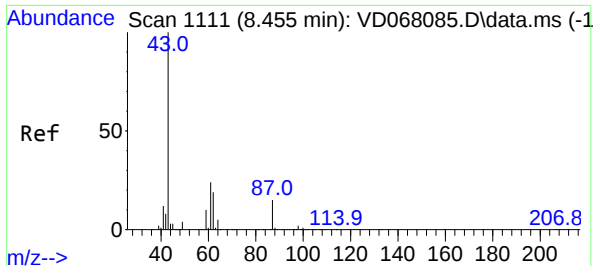
#42  
1,2-Dichloroethane  
Concen: 47.30 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



Tgt Ion: 62 Resp: 272313

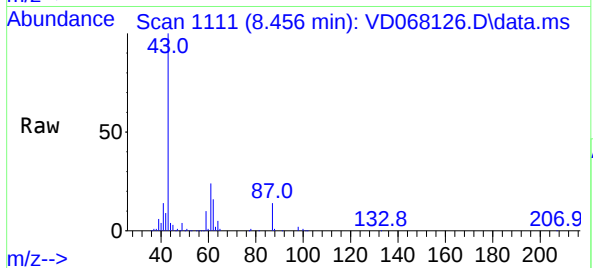
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.0  | 0.0   | 21.8  |





#43  
Isopropyl Acetate  
Concen: 44.61 ug/l  
RT: 8.456 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

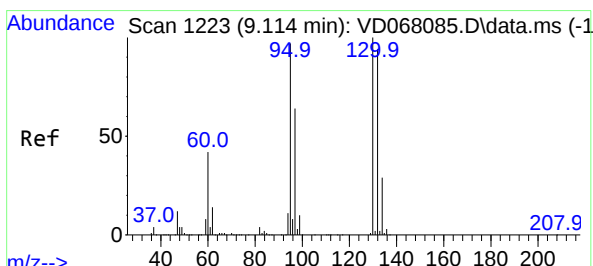
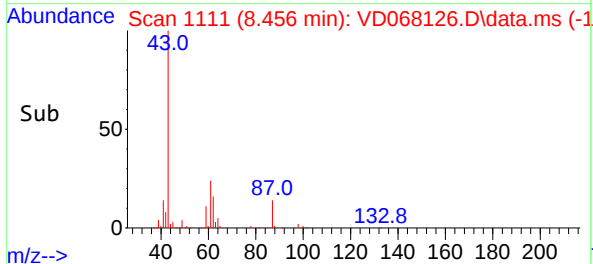
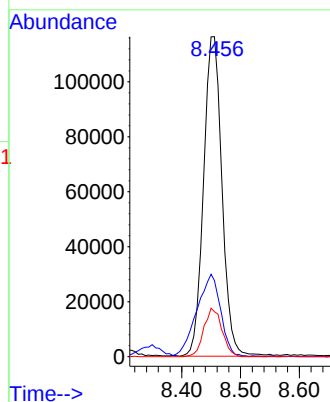
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 253403  
Ion Ratio Lower Upper  
43 100  
61 33.4 28.7 43.1  
87 15.0 13.9 20.9

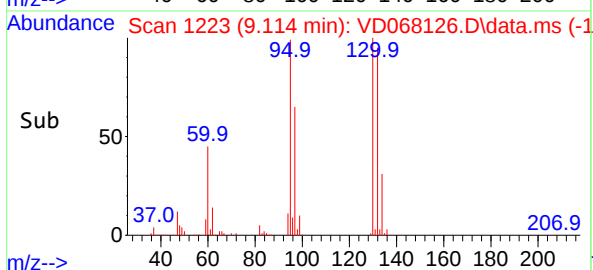
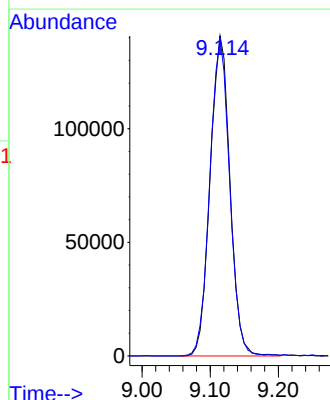
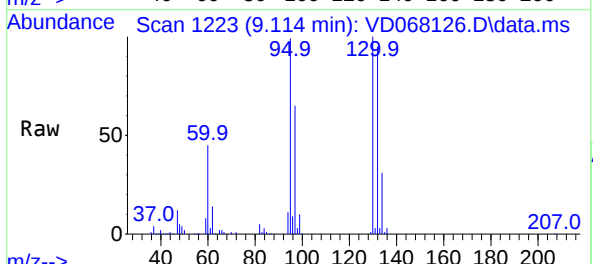
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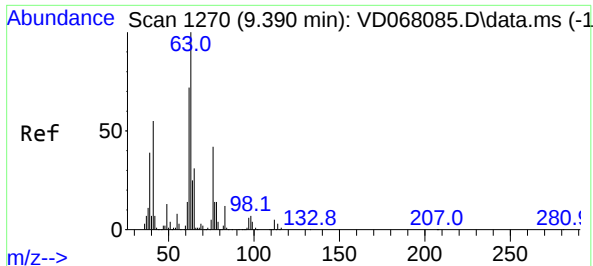
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#44  
Trichloroethene  
Concen: 48.16 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 130 Resp: 284971  
Ion Ratio Lower Upper  
130 100  
95 99.3 0.0 191.2





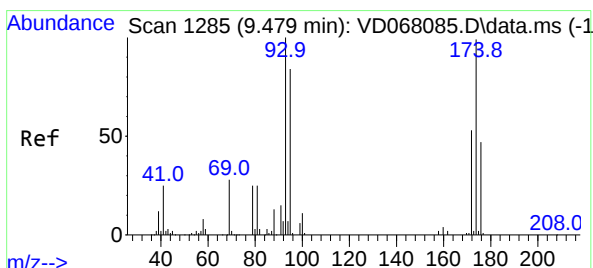
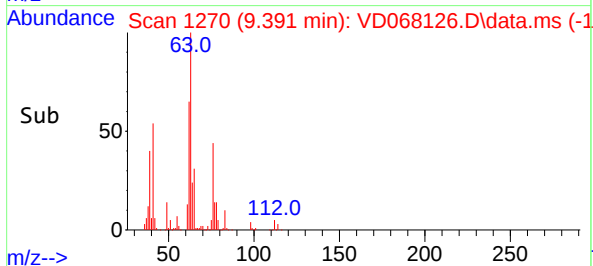
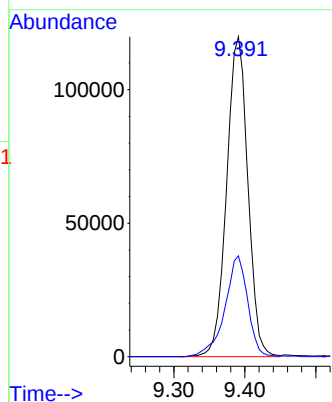
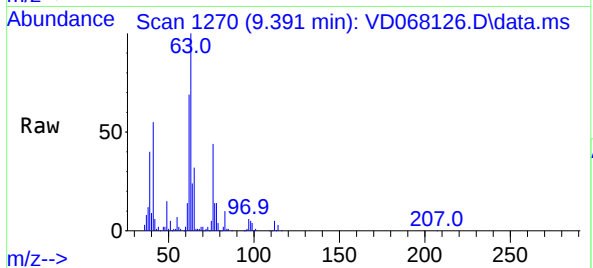
#45  
1,2-Dichloropropane  
Concen: 47.11 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 63 Resp: 248578  
Ion Ratio Lower Upper  
63 100  
65 31.5 26.6 40.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

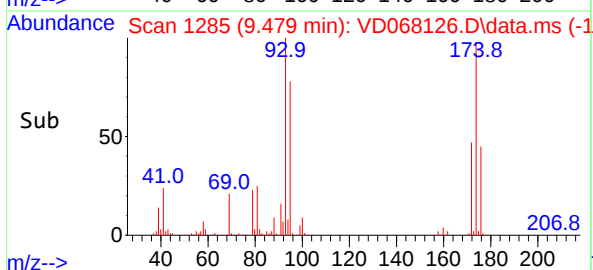
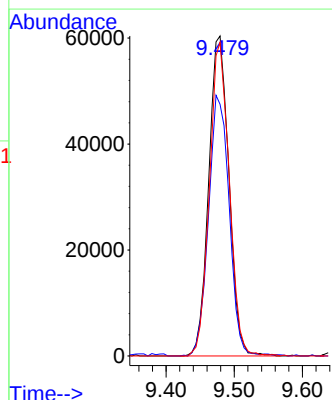
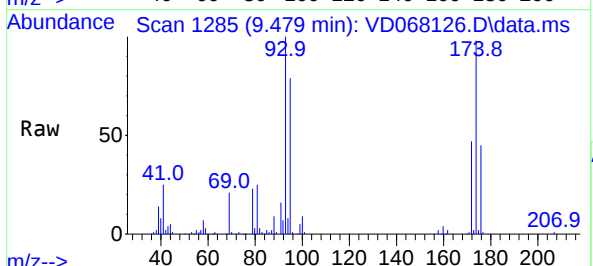
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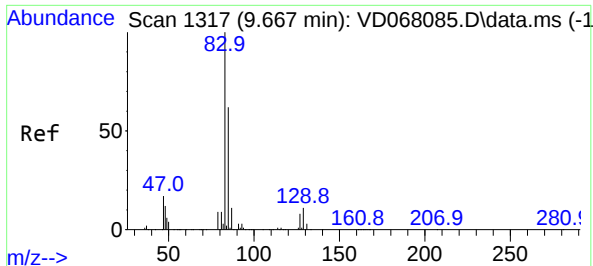
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#46  
Dibromomethane  
Concen: 46.58 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

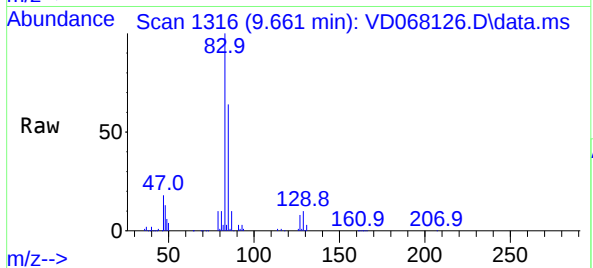
Tgt Ion: 93 Resp: 124546  
Ion Ratio Lower Upper  
93 100  
95 83.1 67.3 100.9  
174 96.4 84.6 127.0





#47  
Bromodichloromethane  
Concen: 47.31 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

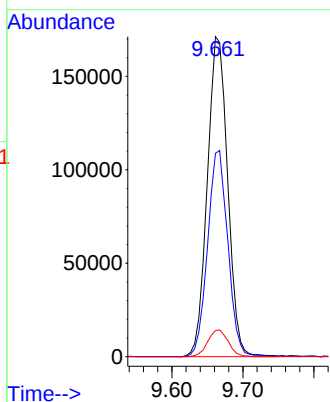
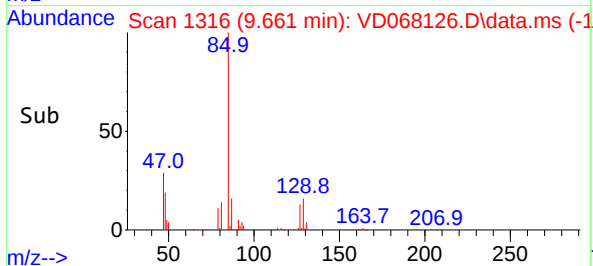
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



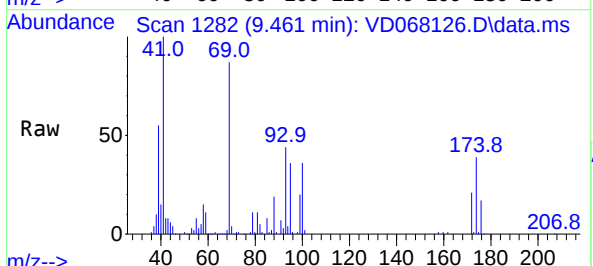
Tgt Ion: 83 Resp: 341314  
Ion Ratio Lower Upper  
83 100  
85 63.6 51.6 77.4  
127 8.1 7.4 11.0

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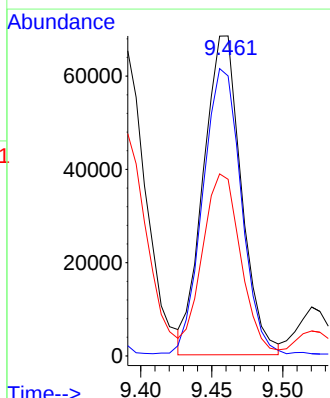
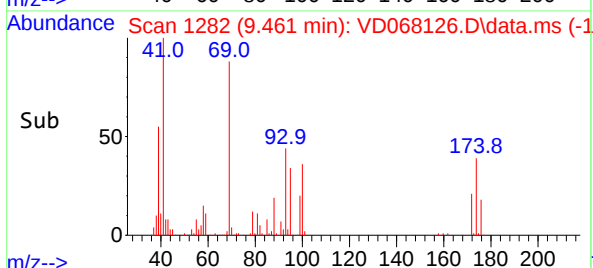
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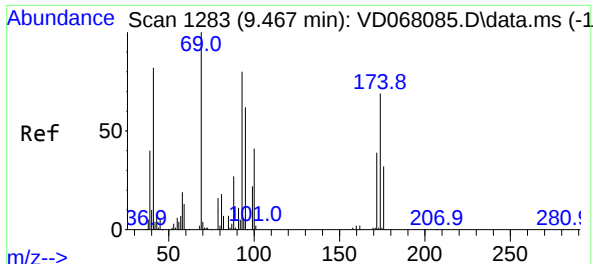


#48  
Methyl methacrylate  
Concen: 45.07 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



Tgt Ion: 41 Resp: 127440  
Ion Ratio Lower Upper  
41 100  
69 93.1 77.1 115.7  
39 54.1 41.5 62.3





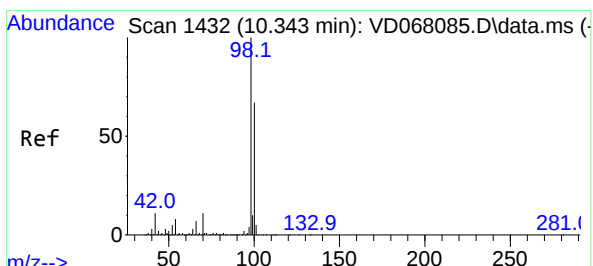
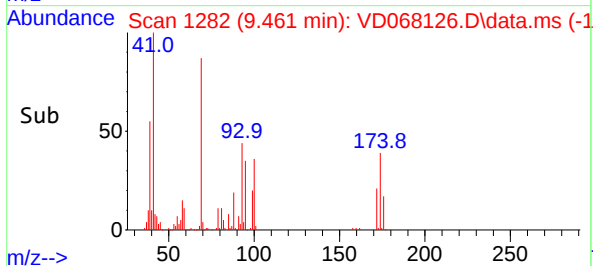
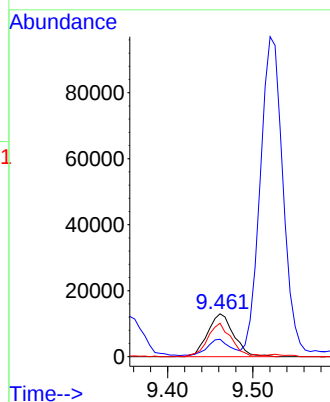
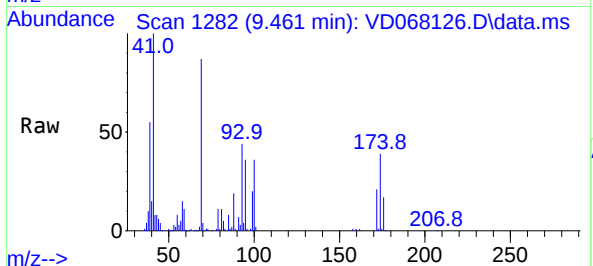
#49  
1,4-Dioxane  
Concen: 883.45 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 88 Resp: 27680  
Ion Ratio Lower Upper  
88 100  
43 33.4 22.1 33.1#  
58 71.6 46.7 70.1#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

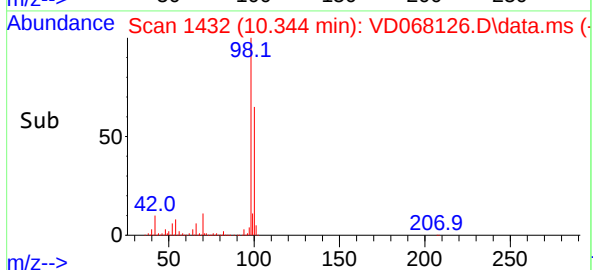
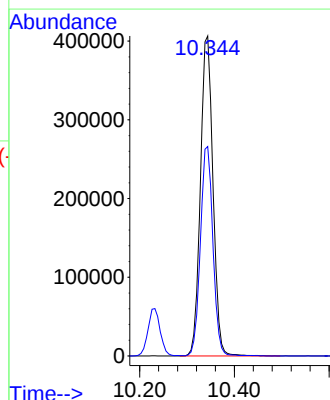
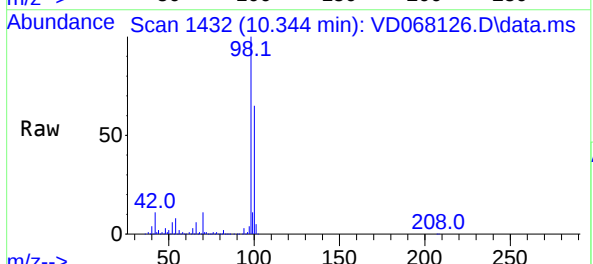
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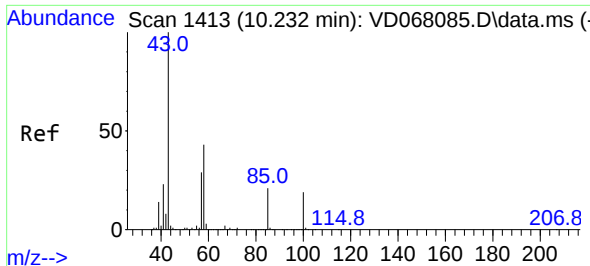
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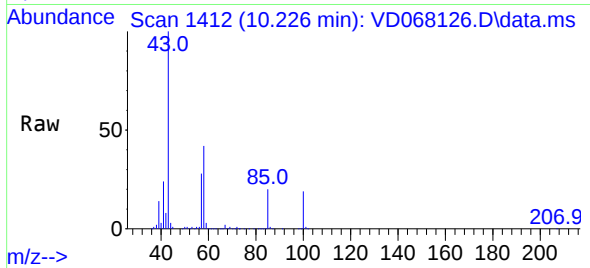
#50  
Toluene-d8  
Concen: 44.20 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 98 Resp: 746989  
Ion Ratio Lower Upper  
98 100  
100 65.5 53.0 79.4

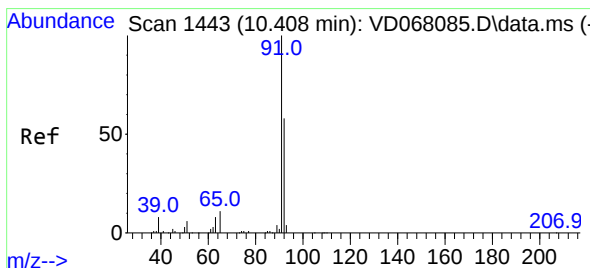
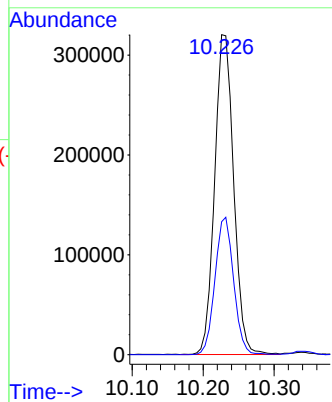
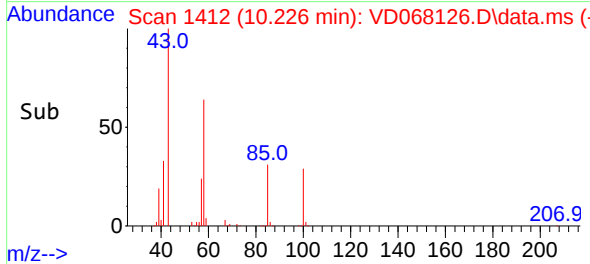




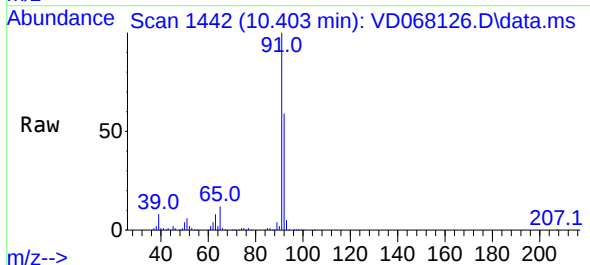
#51  
4-Methyl-2-Pentanone  
Concen: 225.29 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



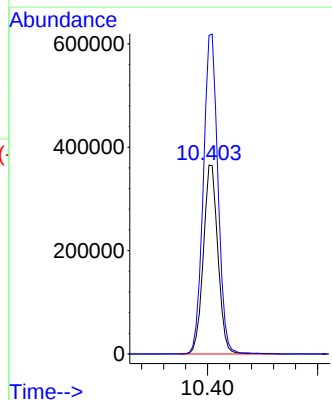
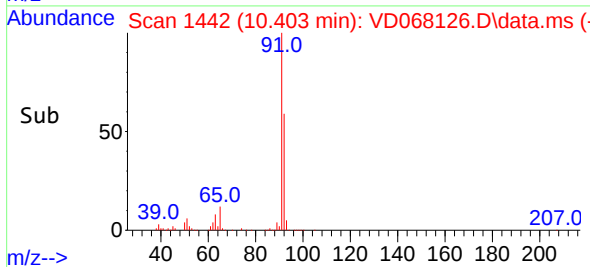
Tgt Ion: 43 Resp: 594945  
Ion Ratio Lower Upper  
43 100  
58 42.1 36.1 54.1



#52  
Toluene  
Concen: 47.66 ug/l  
RT: 10.403 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



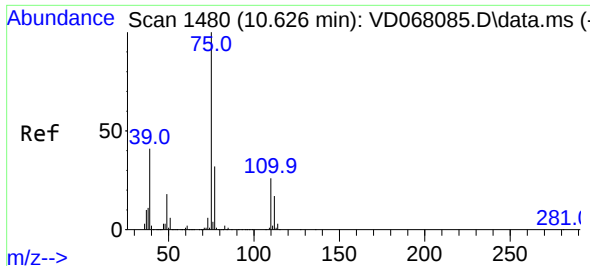
Tgt Ion: 92 Resp: 669069  
Ion Ratio Lower Upper  
92 100  
91 171.2 134.1 201.1



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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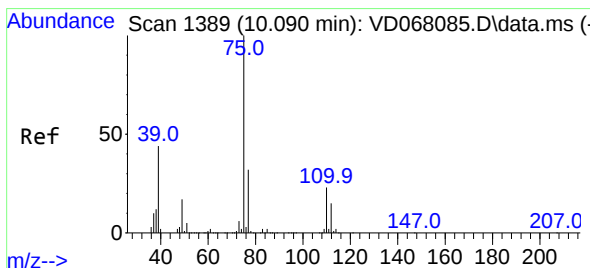
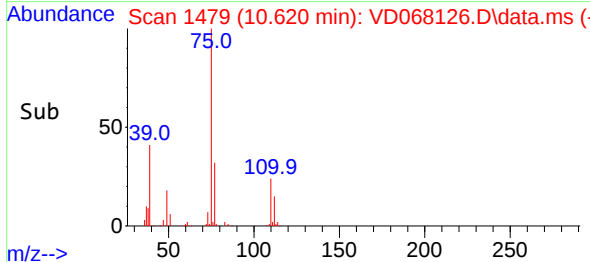
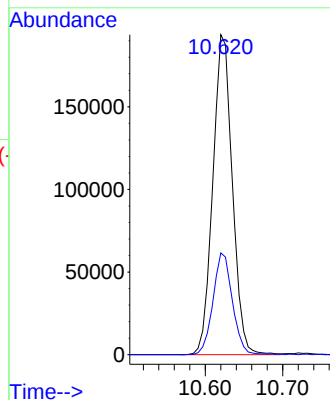
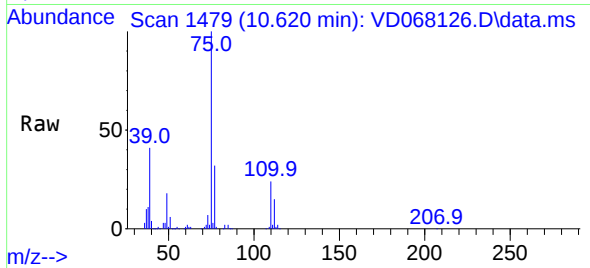
#53  
t-1,3-Dichloropropene  
Concen: 46.44 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. -0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 75 Resp: 339136  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.0 37.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

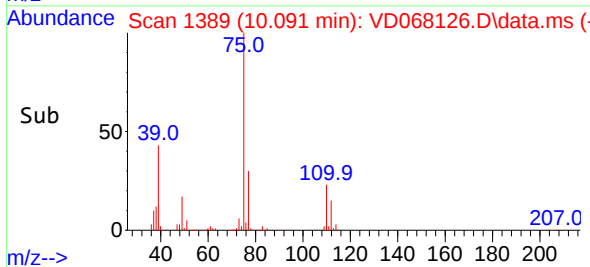
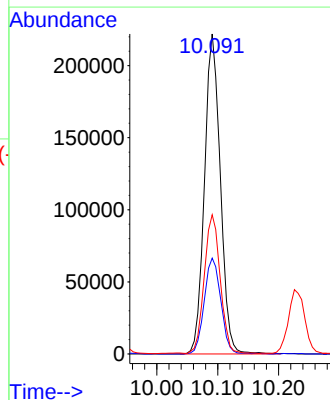
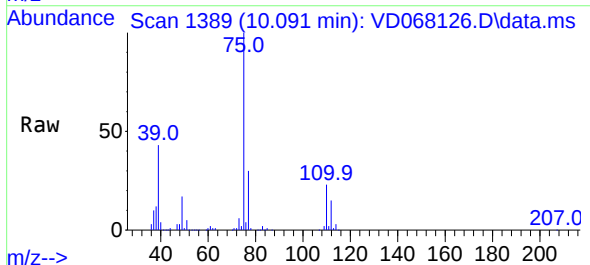
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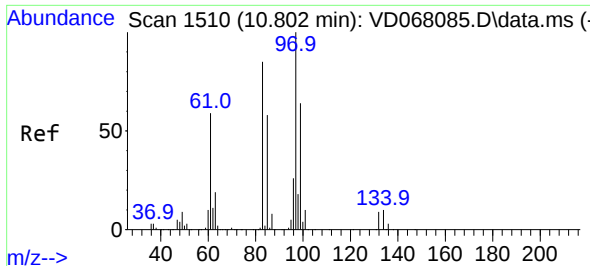
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#54  
cis-1,3-Dichloropropene  
Concen: 46.36 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 75 Resp: 402965  
Ion Ratio Lower Upper  
75 100  
77 30.0 24.6 37.0  
39 43.2 31.4 47.0





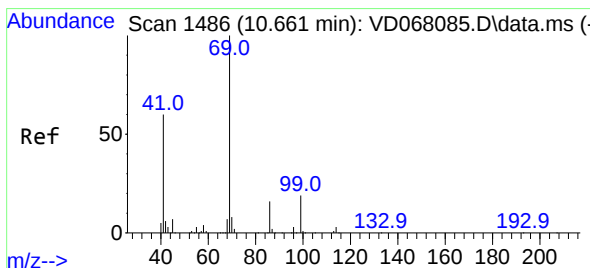
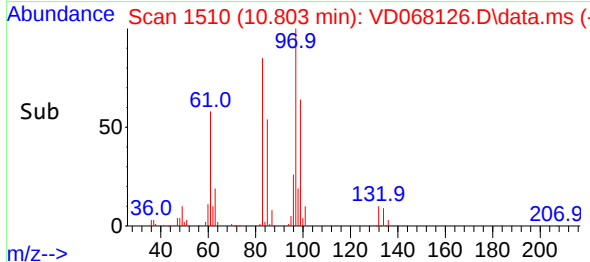
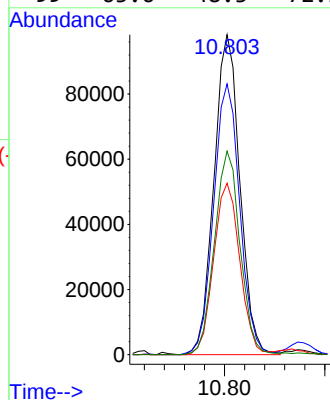
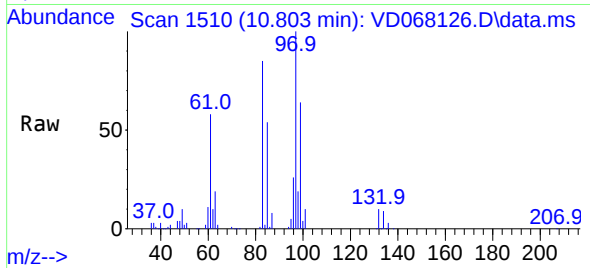
#55  
1,1,2-Trichloroethane  
Concen: 46.46 ug/l  
RT: 10.803 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 176057 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.6  | 61.8  | 92.6   |
| 85       | 53.5  | 42.2  | 63.2   |
| 99       | 63.6  | 48.3  | 72.5   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

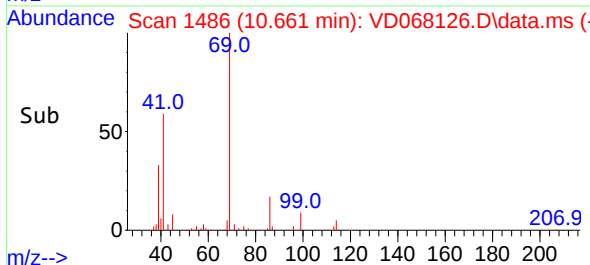
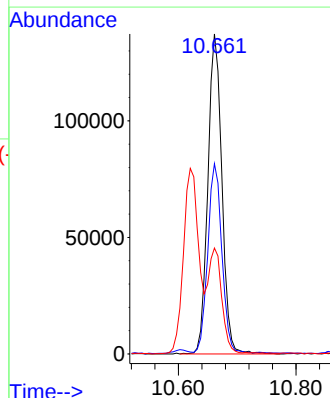
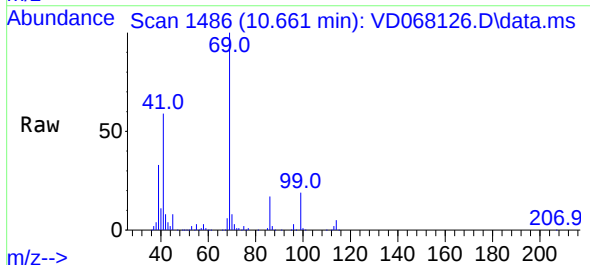
Manual Integrations  
APPROVED

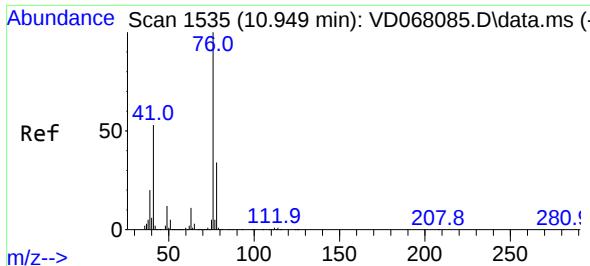
MMDadoda  
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#56  
Ethyl methacrylate  
Concen: 44.97 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 226962 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 59.4  | 44.9  | 67.3   |
| 39       | 31.5  | 21.9  | 32.9   |





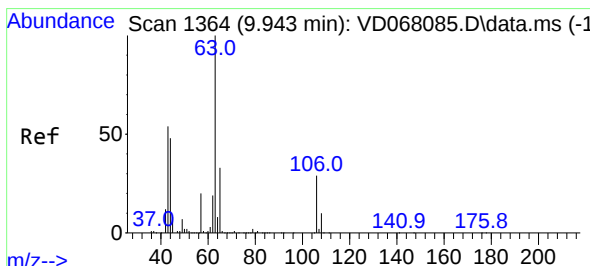
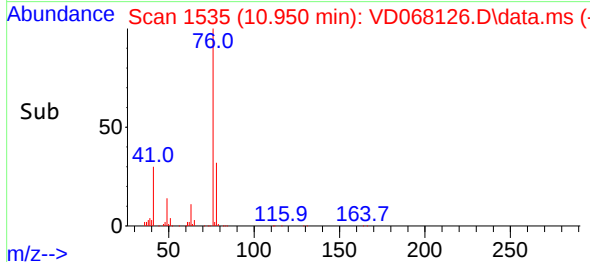
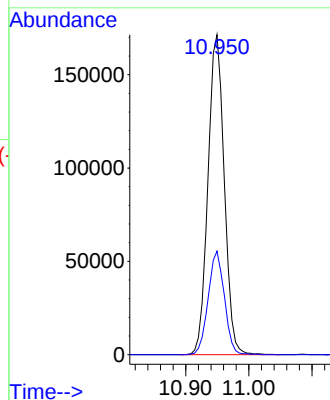
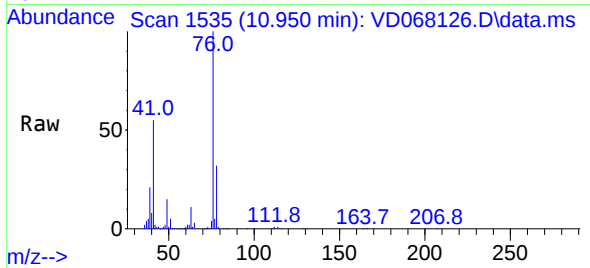
#57  
1,3-Dichloropropane  
Concen: 45.97 ug/l  
RT: 10.950 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 76 Resp: 307362  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.6 38.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

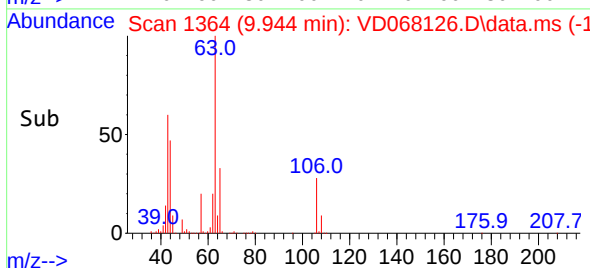
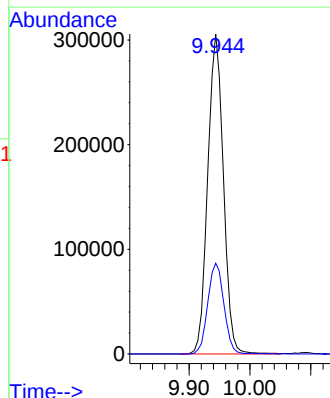
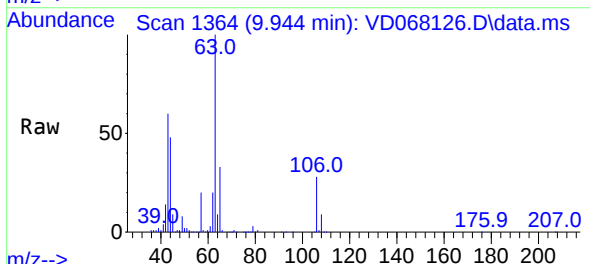
Manual Integrations  
APPROVED

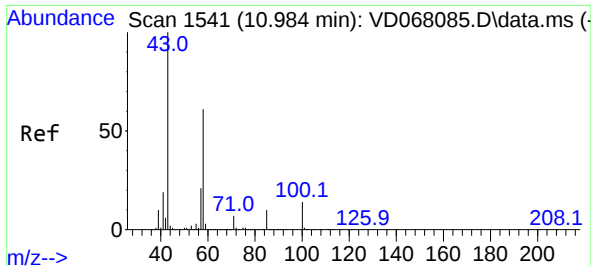
MMDadoda  
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#58  
2-Chloroethyl Vinyl ether  
Concen: 234.78 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

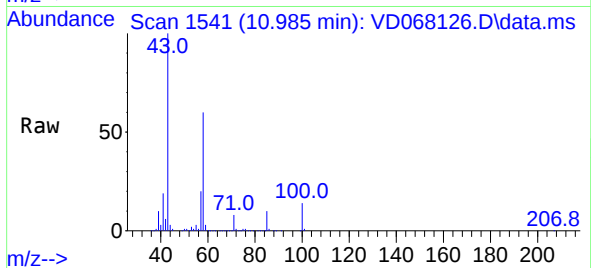
Tgt Ion: 63 Resp: 546854  
Ion Ratio Lower Upper  
63 100  
106 29.1 27.0 40.4





#59  
2-Hexanone  
Concen: 234.60 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

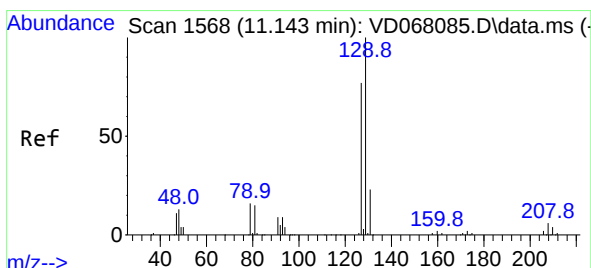
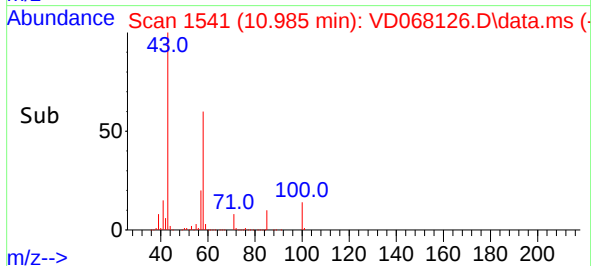
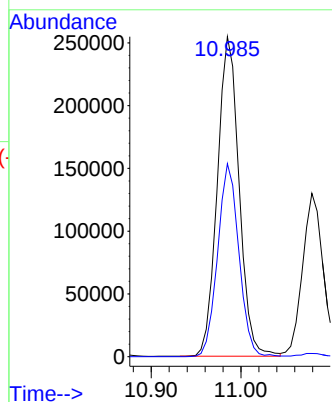
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 429426  
Ion Ratio Lower Upper  
43 100  
58 58.8 31.0 93.0

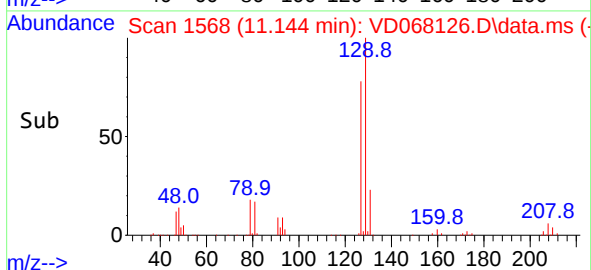
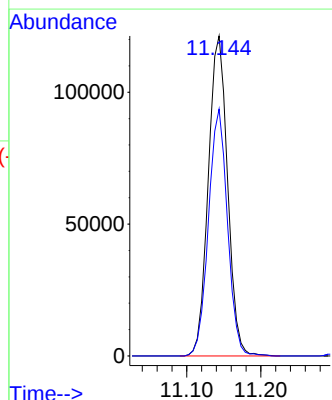
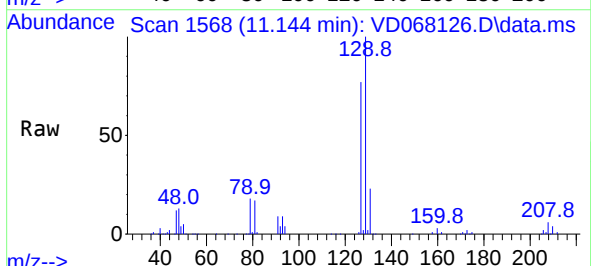
Manual Integrations  
APPROVED

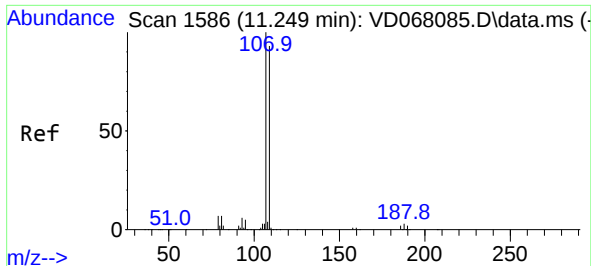
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#60  
Dibromochloromethane  
Concen: 46.07 ug/l  
RT: 11.144 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 129 Resp: 218862  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.6 116.0





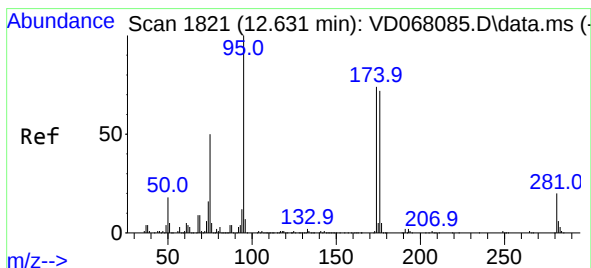
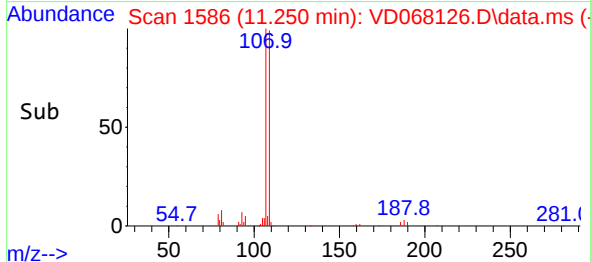
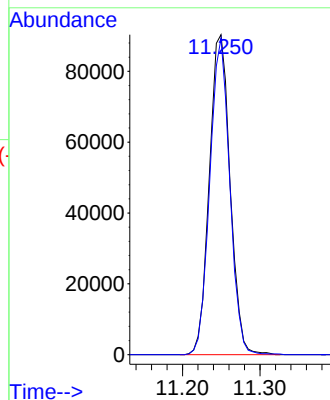
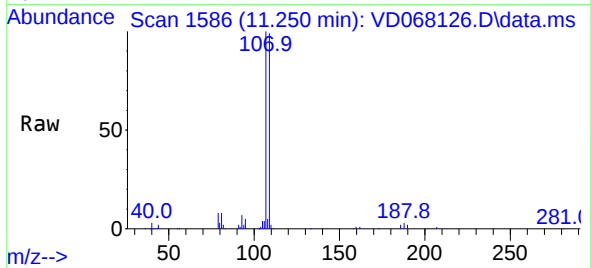
#61  
1,2-Dibromoethane  
Concen: 44.95 ug/l  
RT: 11.250 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 107 Resp: 168068  
Ion Ratio Lower Upper  
107 100  
109 94.6 74.8 112.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

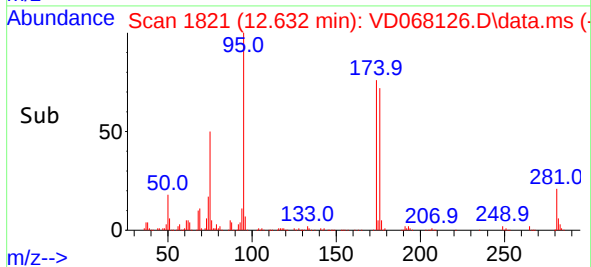
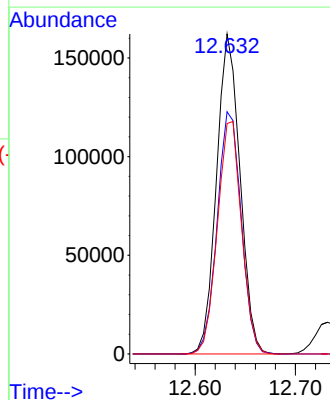
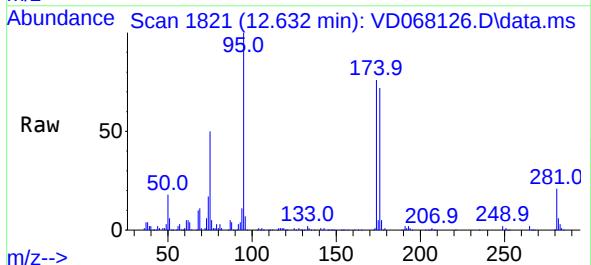
Manual Integrations  
APPROVED

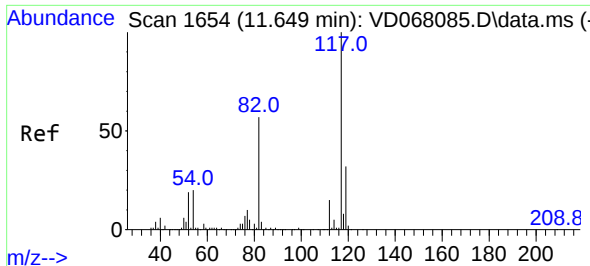
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#62  
4-Bromofluorobenzene  
Concen: 43.33 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

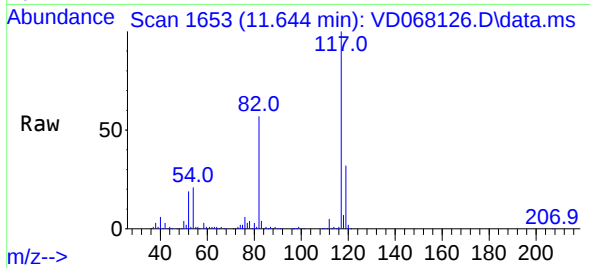
Tgt Ion: 95 Resp: 263672  
Ion Ratio Lower Upper  
95 100  
174 77.4 0.0 172.4  
176 74.5 0.0 168.4





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

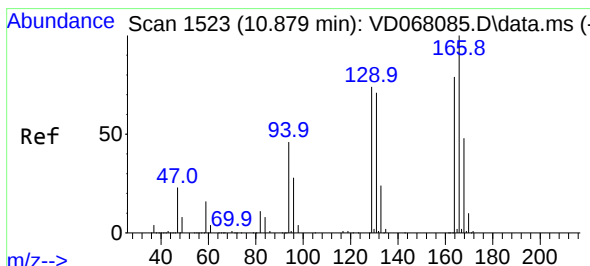
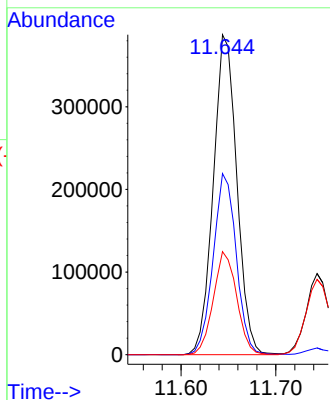
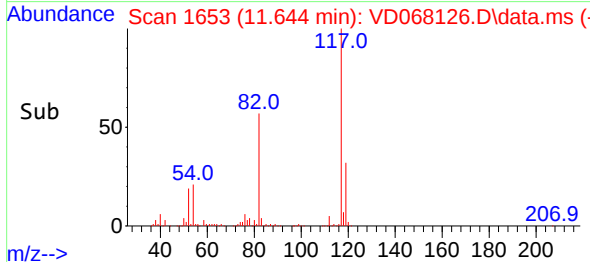
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



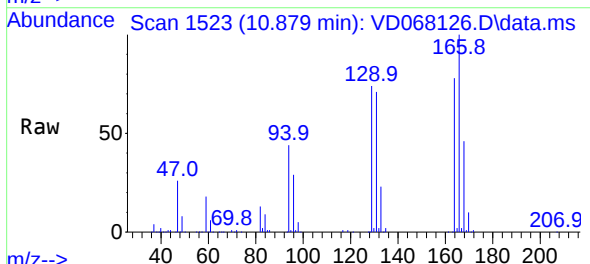
Tgt Ion:117 Resp: 669062  
Ion Ratio Lower Upper  
117 100  
82 56.6 41.4 62.0  
119 32.2 26.1 39.1

Manual Integrations  
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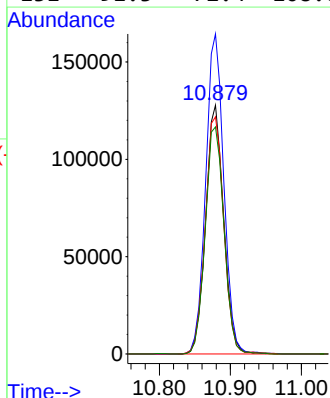
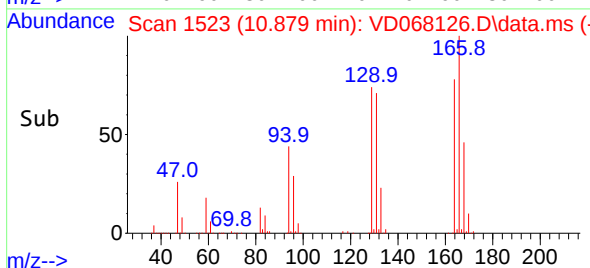
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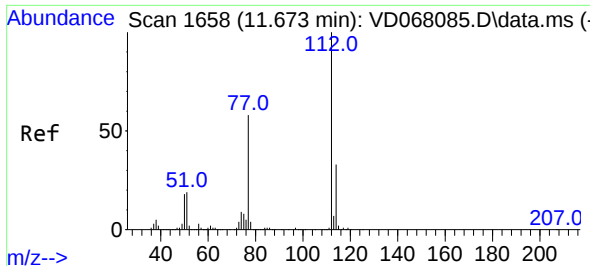


#64  
Tetrachloroethene  
Concen: 48.06 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



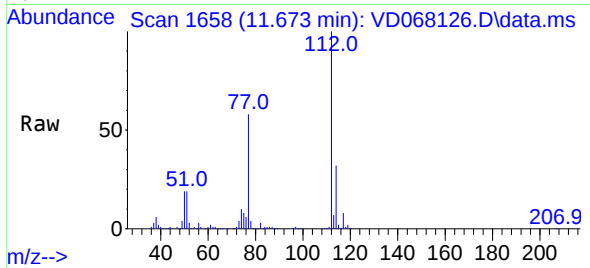
Tgt Ion:164 Resp: 226642  
Ion Ratio Lower Upper  
164 100  
166 128.6 105.5 158.3  
129 95.3 75.6 113.4  
131 91.3 72.4 108.6





#65  
Chlorobenzene  
Concen: 48.05 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

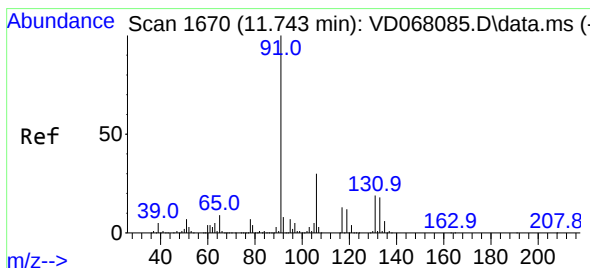
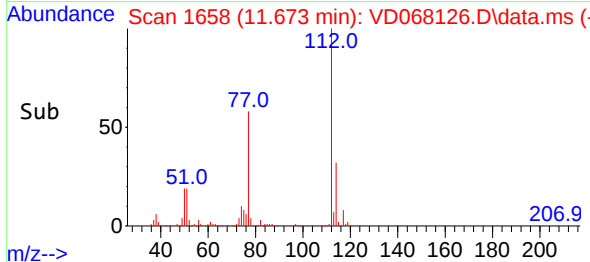
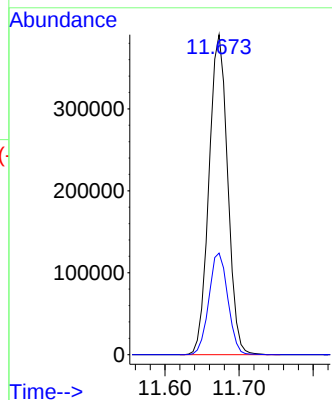
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



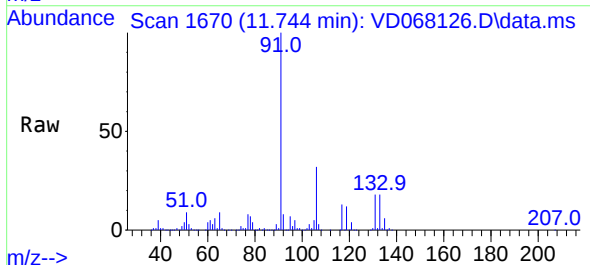
Tgt Ion:112 Resp: 683093  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.7 38.5

Manual Integrations  
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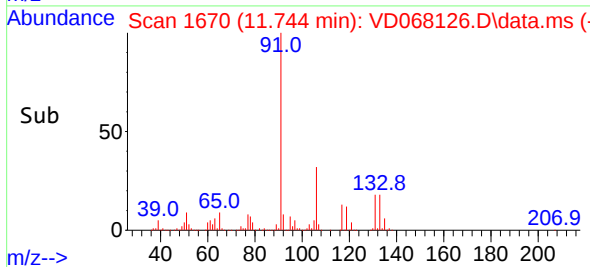
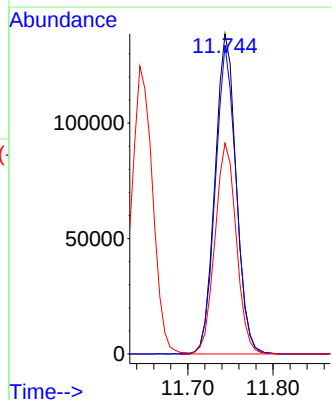
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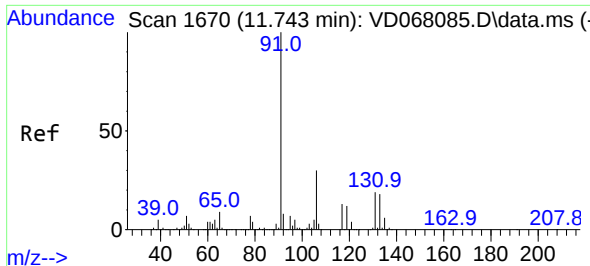


#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.91 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



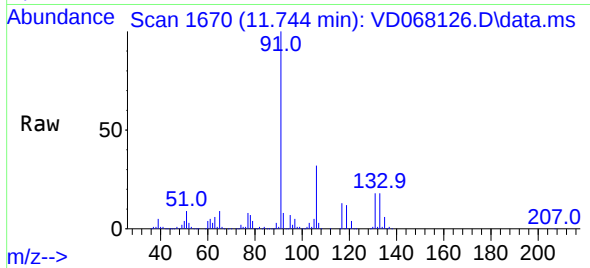
Tgt Ion:131 Resp: 239581  
Ion Ratio Lower Upper  
131 100  
133 94.8 48.1 144.4  
119 66.4 31.6 94.8





#67  
Ethyl Benzene  
Concen: 48.93 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

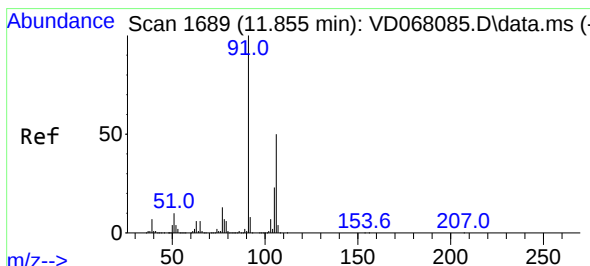
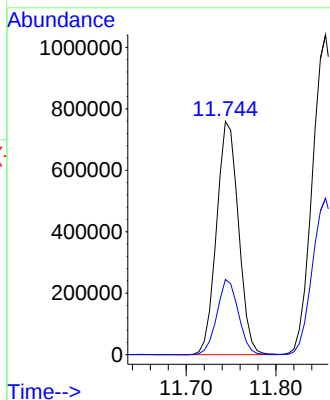
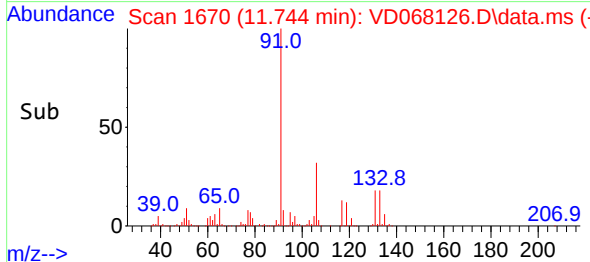
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



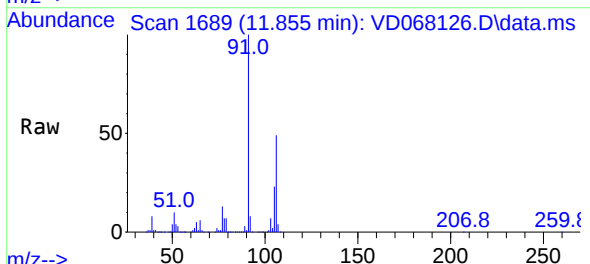
Tgt Ion: 91 Resp: 1287834  
Ion Ratio Lower Upper  
91 100  
106 32.2 25.9 38.9

Manual Integrations  
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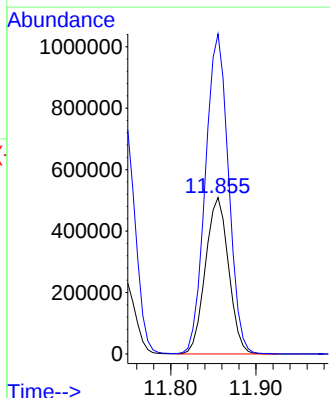
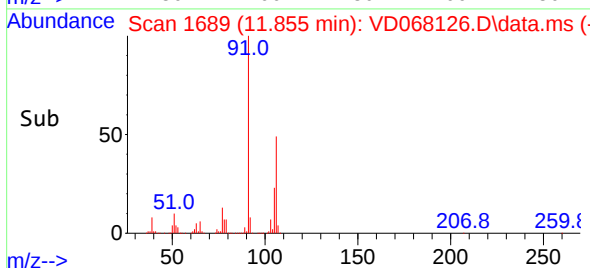
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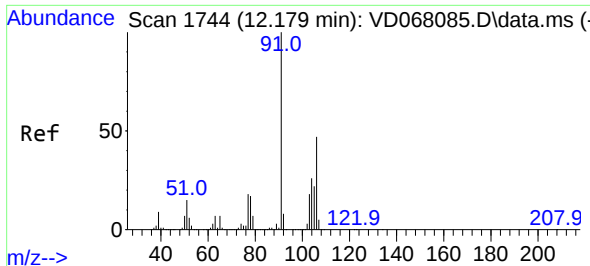


#68  
m/p-Xylenes  
Concen: 96.79 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



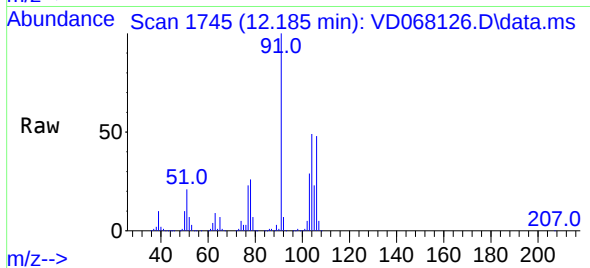
Tgt Ion: 106 Resp: 961788  
Ion Ratio Lower Upper  
106 100  
91 204.0 159.1 238.7





#69  
o-Xylene  
Concen: 48.71 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. 0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

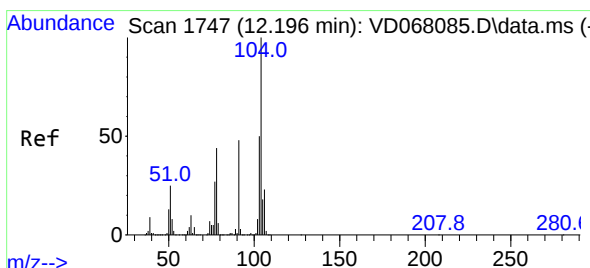
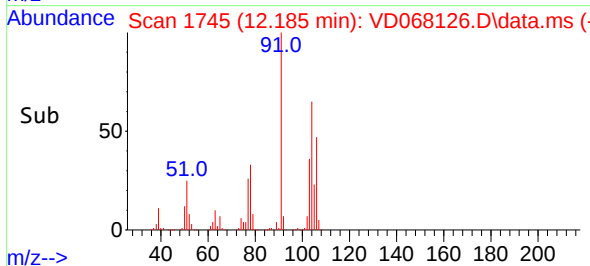
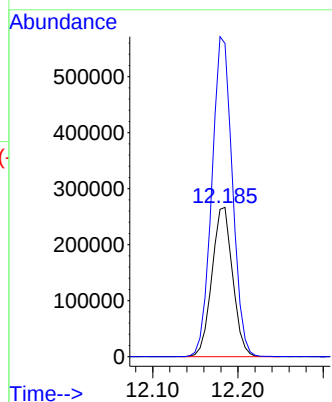
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



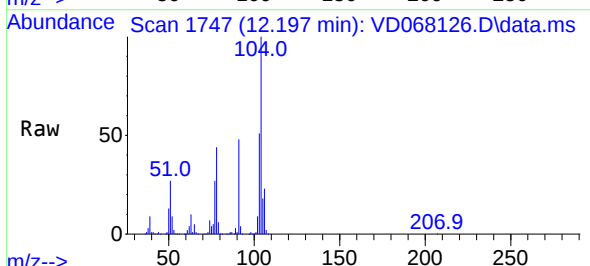
Tgt Ion:106 Resp: 449562  
Ion Ratio Lower Upper  
106 100  
91 213.0 108.7 325.9

Manual Integrations  
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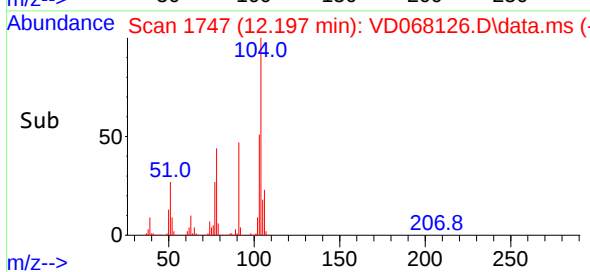
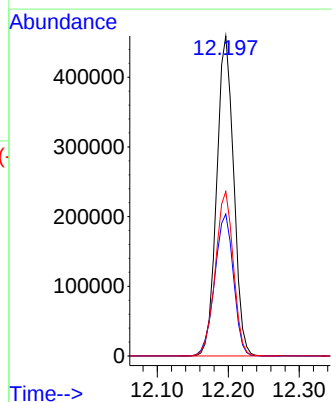
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#70  
Styrene  
Concen: 48.17 ug/l  
RT: 12.197 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



Tgt Ion:104 Resp: 758755  
Ion Ratio Lower Upper  
104 100  
78 49.0 38.2 57.2  
103 54.7 43.1 64.7





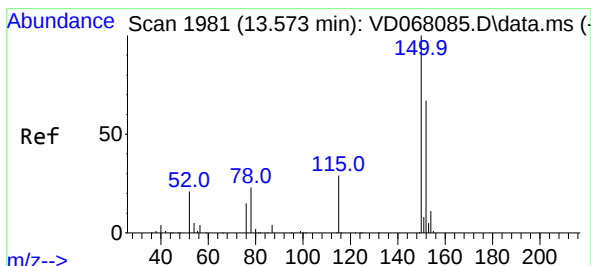
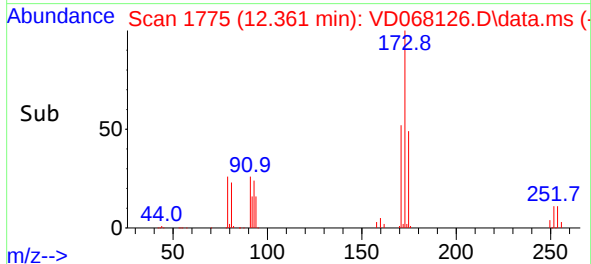
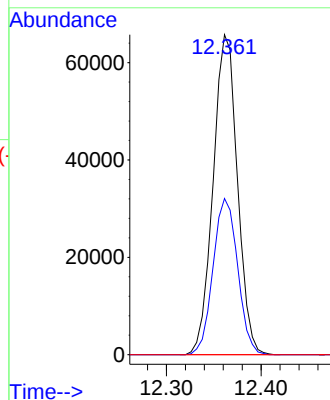
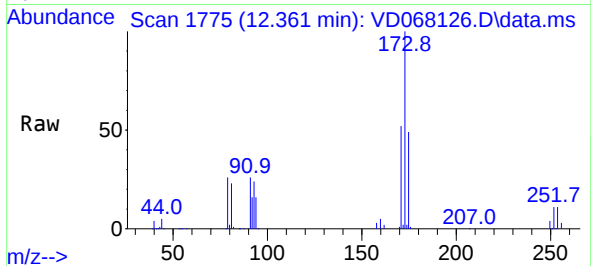
#71  
Bromoform  
Concen: 46.27 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion:173 Resp: 117271  
Ion Ratio Lower Upper  
173 100  
175 49.3 24.6 73.8  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

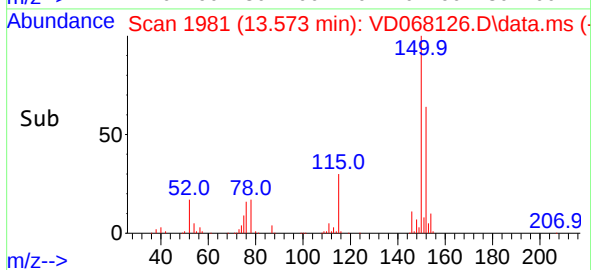
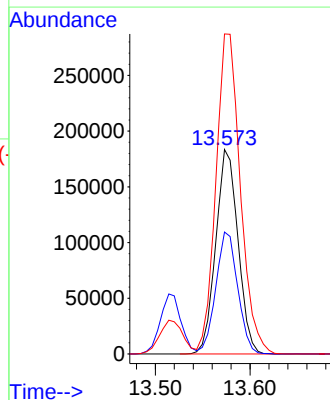
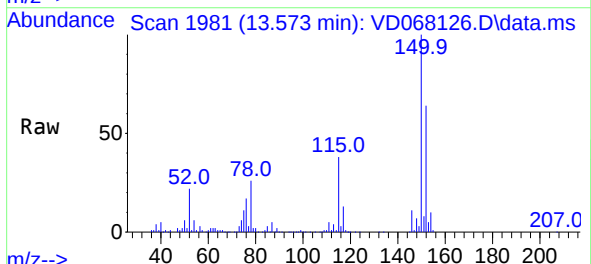
Manual Integrations  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

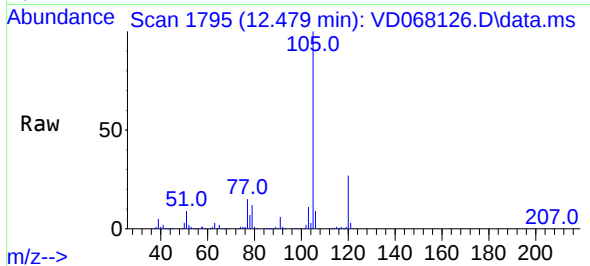
Tgt Ion:152 Resp: 299244  
Ion Ratio Lower Upper  
152 100  
115 58.8 28.9 86.8  
150 171.9 0.0 344.4





#73  
Isopropylbenzene  
Concen: 49.40 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

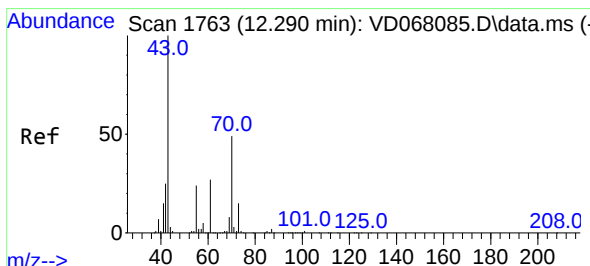
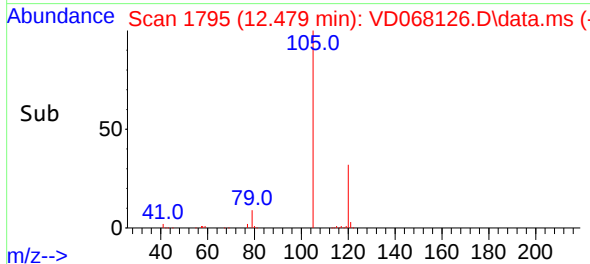
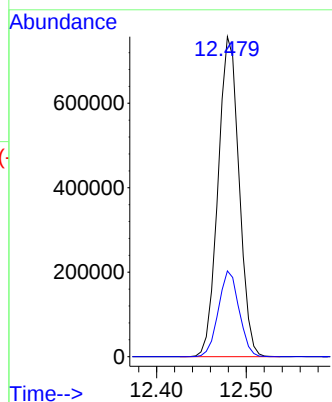
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



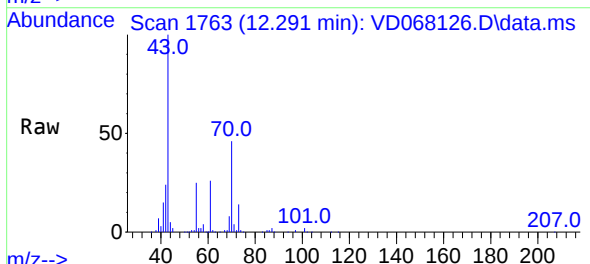
Tgt Ion:105 Resp: 1230034  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.2 39.6

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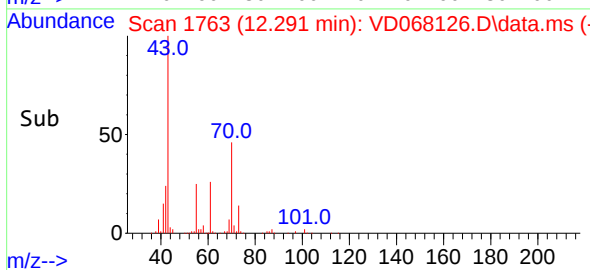
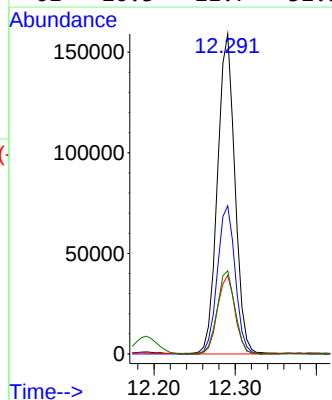
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#74  
N-ethyl acetate  
Concen: 46.06 ug/l  
RT: 12.291 min Scan# 1763  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



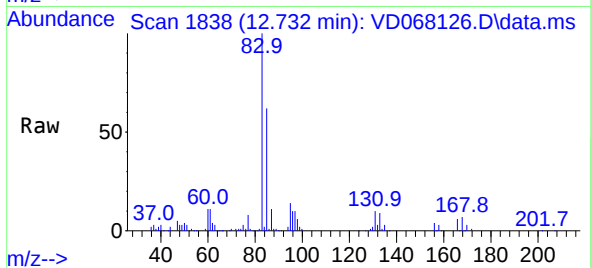
Tgt Ion: 43 Resp: 238374  
Ion Ratio Lower Upper  
43 100  
70 47.1 41.8 62.8  
55 24.8 24.2 36.4  
61 26.3 21.7 32.5





#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.08 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

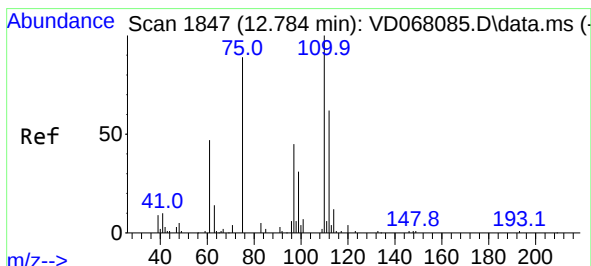
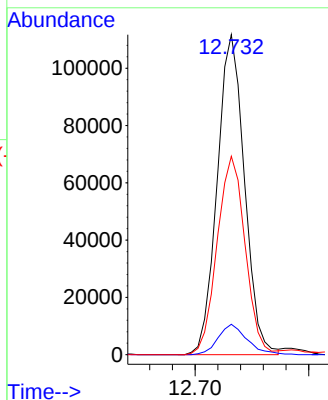
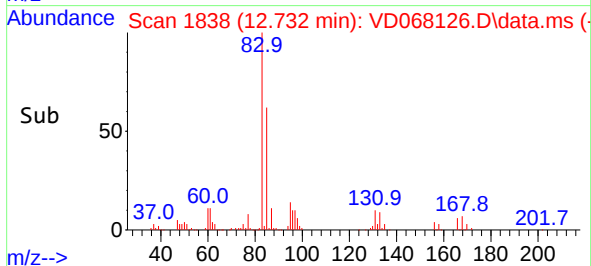
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



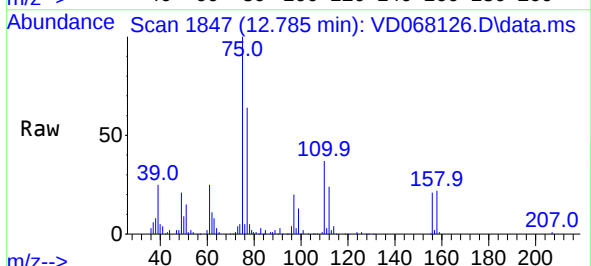
Tgt Ion: 83 Resp: 186453  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.8 17.4  
85 63.8 32.4 97.2

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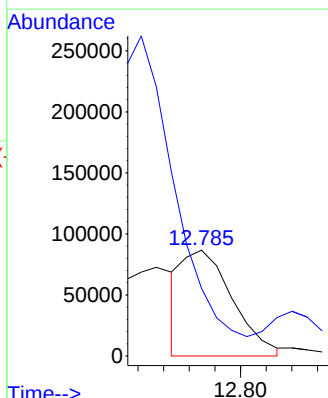
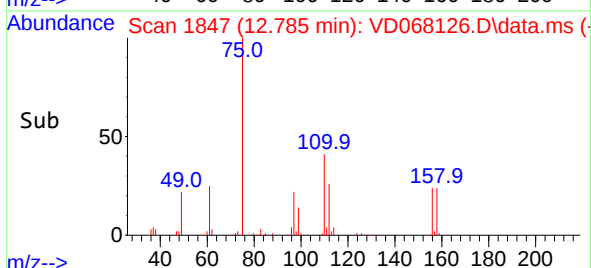
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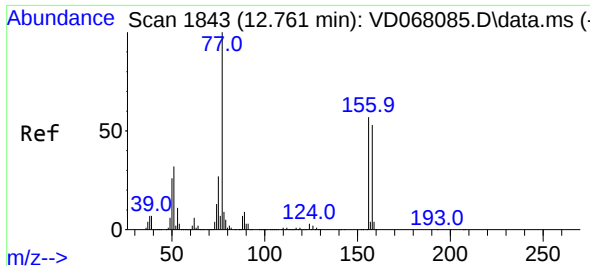


#76  
1,2,3-Trichloropropane  
Concen: 40.87 ug/l m  
RT: 12.785 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



Tgt Ion: 75 Resp: 118244  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77  
Bromobenzene  
Concen: 48.07 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

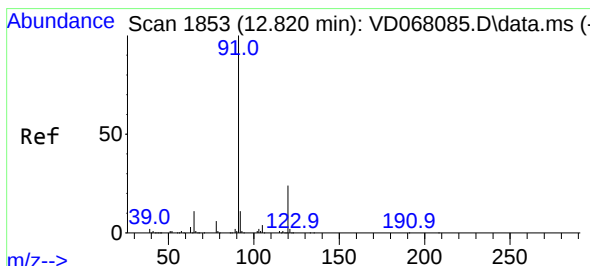
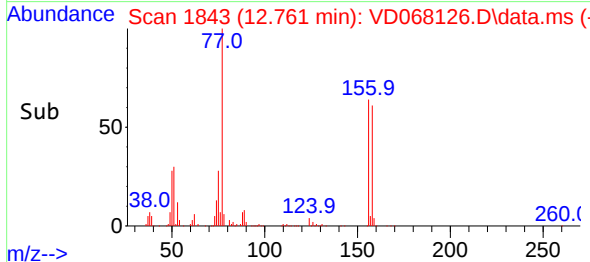
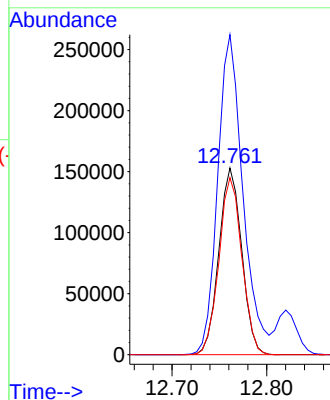
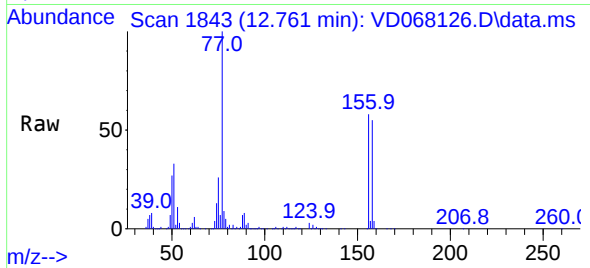
Tgt Ion:156 Resp: 256617  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 189.2 | 82.8  | 248.3 |
| 158 | 95.4  | 48.0  | 144.0 |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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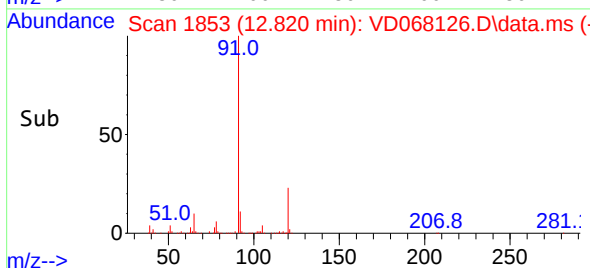
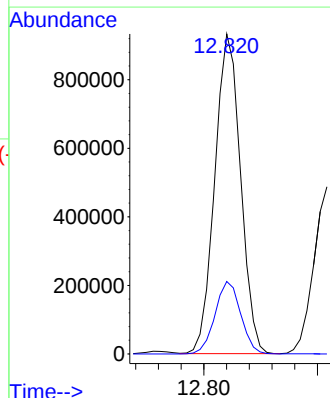
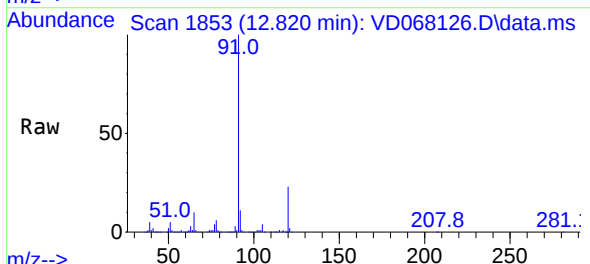
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#78  
n-propylbenzene  
Concen: 49.93 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 91 Resp: 1470920  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 22.5  | 12.0  | 36.0  |





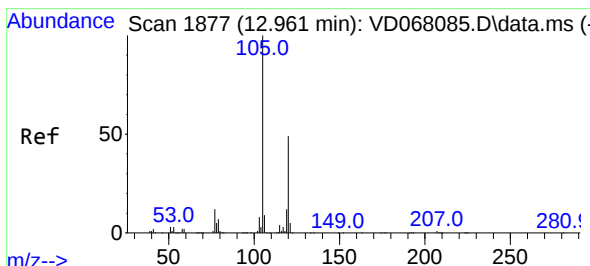
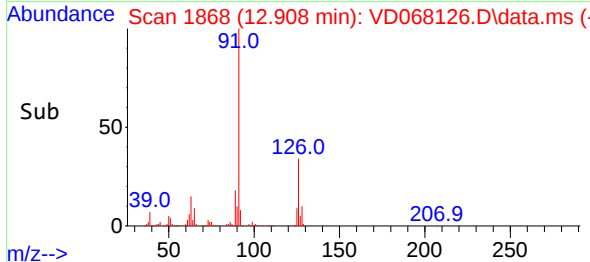
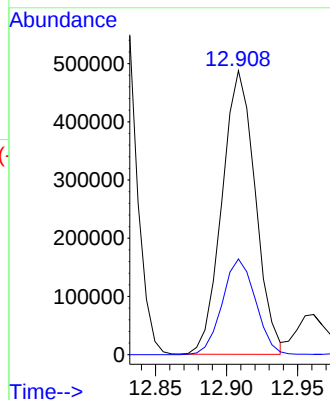
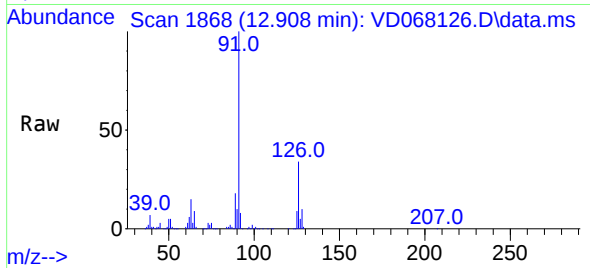
#79  
2-Chlorotoluene  
Concen: 48.11 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 91 Resp: 795774  
Ion Ratio Lower Upper  
91 100  
126 33.7 17.8 53.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

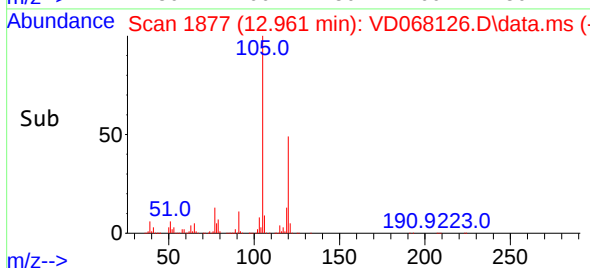
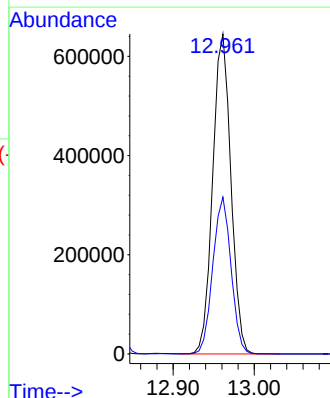
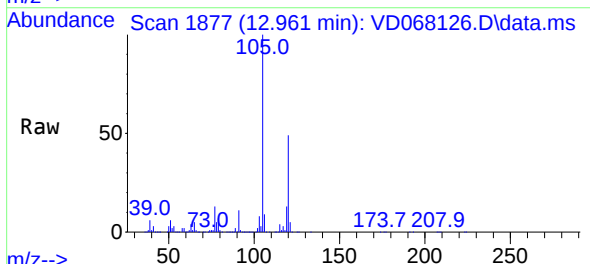
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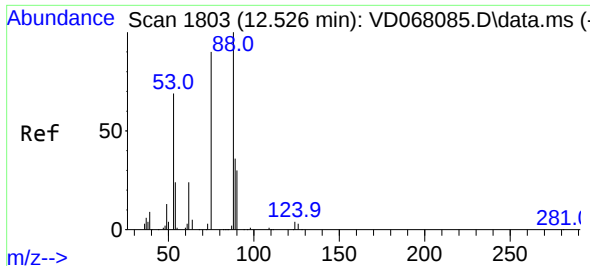
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#80  
1,3,5-Trimethylbenzene  
Concen: 48.46 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

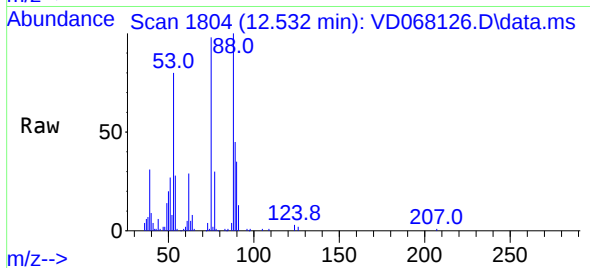
Tgt Ion: 105 Resp: 1004938  
Ion Ratio Lower Upper  
105 100  
120 49.1 24.2 72.6





#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.37 ug/l  
RT: 12.532 min Scan# 1804  
Delta R.T. 0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

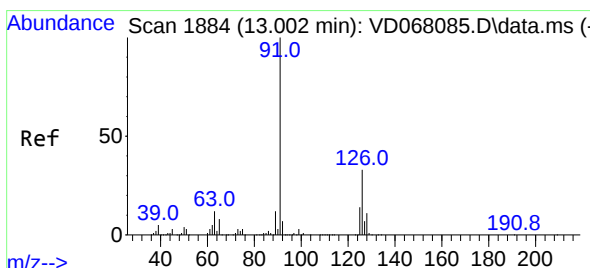
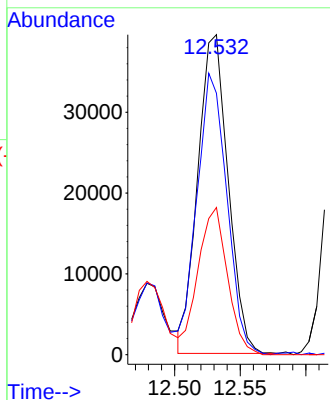
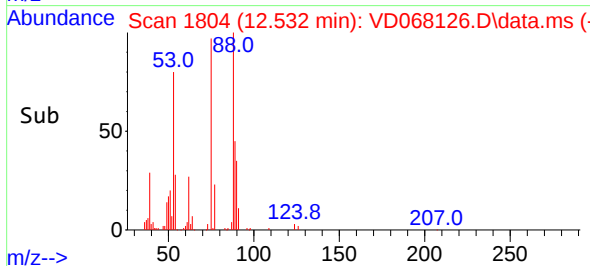
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



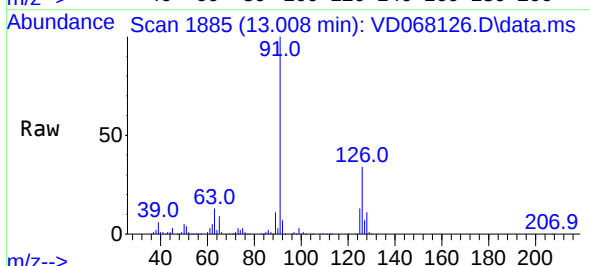
Tgt Ion: 75 Resp: 63439  
Ion Ratio Lower Upper  
75 100  
53 88.8 70.2 105.2  
89 45.1 40.3 60.5

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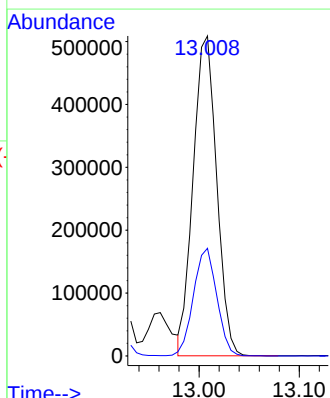
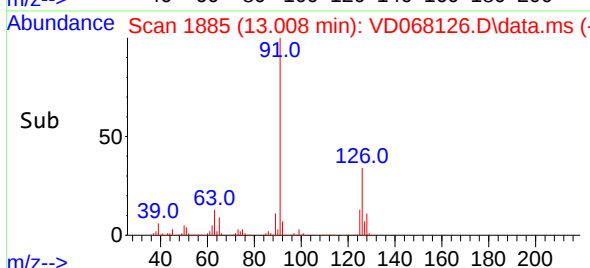
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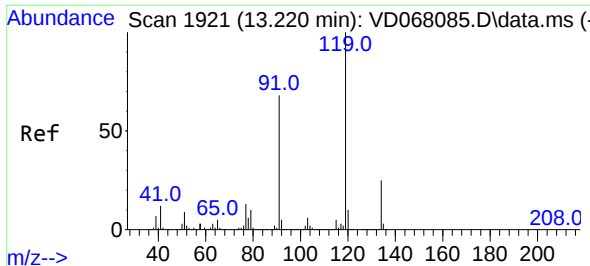


#82  
4-Chlorotoluene  
Concen: 48.26 ug/l  
RT: 13.008 min Scan# 1885  
Delta R.T. 0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



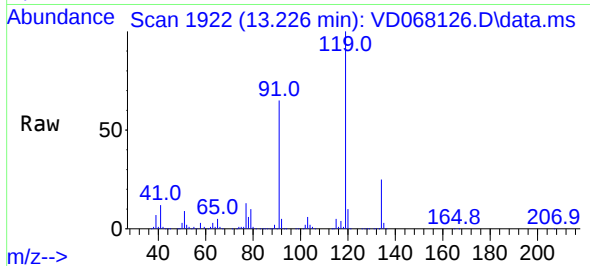
Tgt Ion: 91 Resp: 829966  
Ion Ratio Lower Upper  
91 100  
126 33.5 17.7 53.1





#83  
tert-Butylbenzene  
Concen: 49.49 ug/l  
RT: 13.226 min Scan# 1922  
Delta R.T. 0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

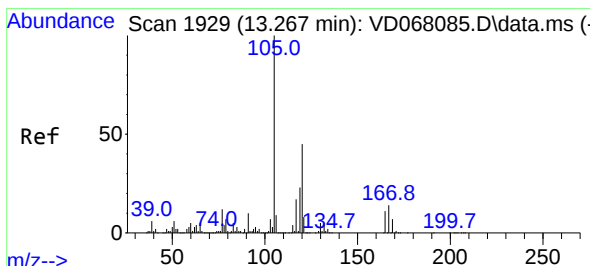
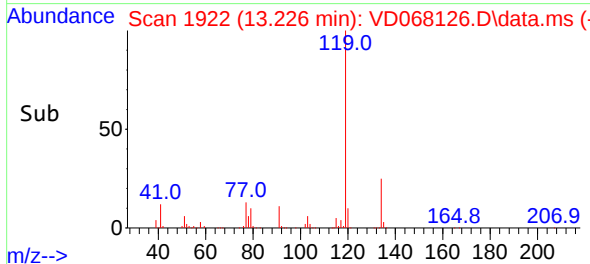
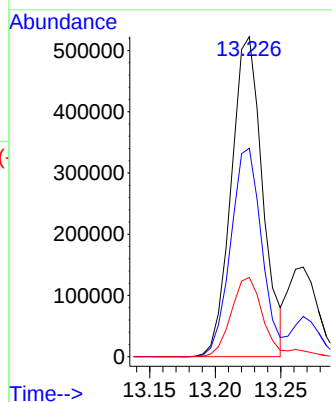
Instrument :  
MSVOA\_D  
ClientSampleId :  
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Tgt Ion:119 Resp: 869680  
Ion Ratio Lower Upper  
119 100  
91 64.5 31.1 93.5  
134 26.1 13.3 39.8

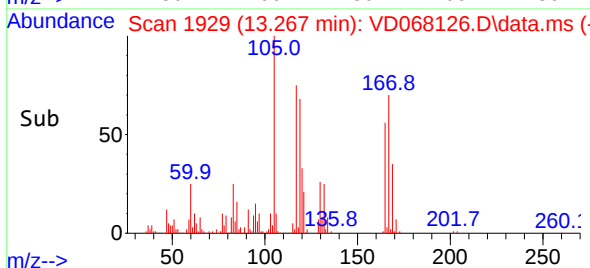
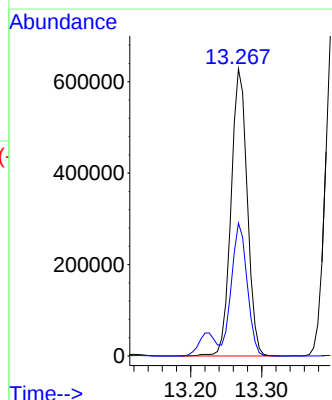
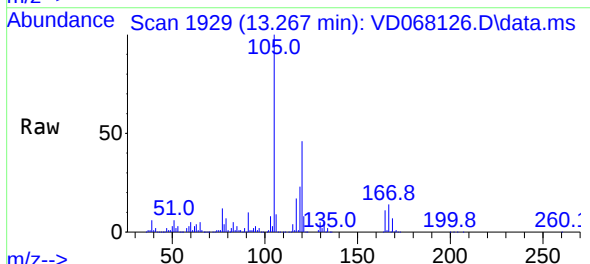
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#84  
1,2,4-Trimethylbenzene  
Concen: 48.36 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

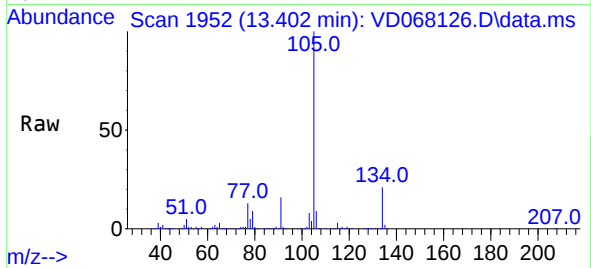
Tgt Ion:105 Resp: 995487  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.4 67.0





#85  
sec-Butylbenzene  
Concen: 49.78 ug/l  
RT: 13.402 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

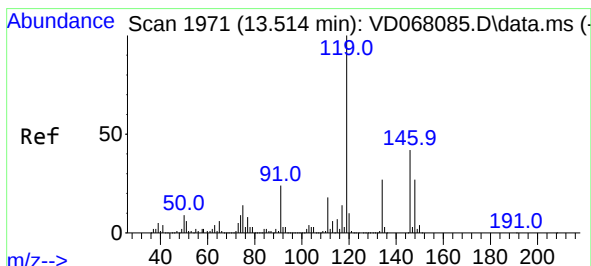
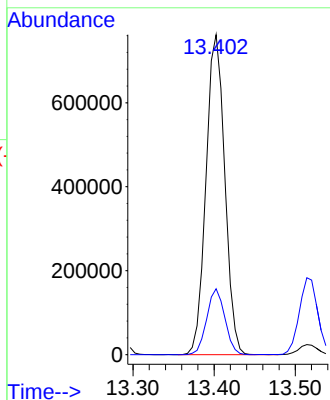
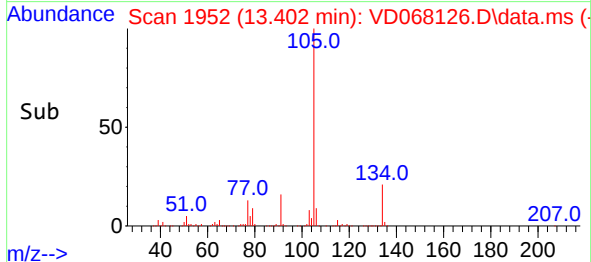
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



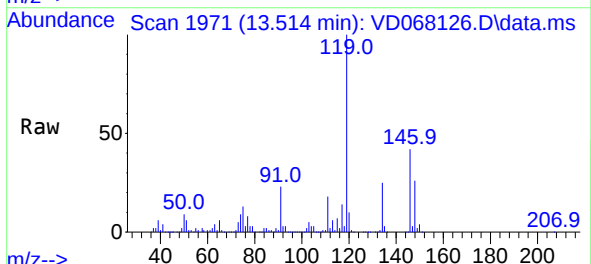
Tgt Ion:105 Resp: 1223581  
Ion Ratio Lower Upper  
105 100  
134 19.8 10.3 30.9

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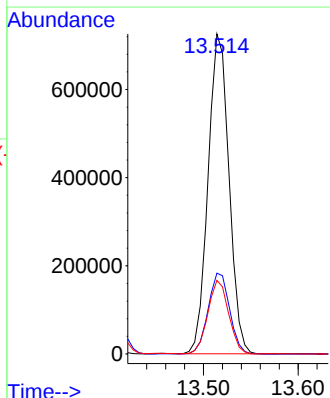
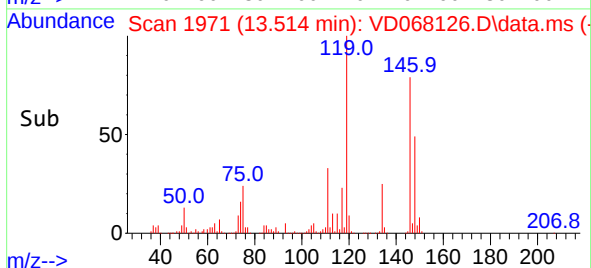
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#86  
p-Isopropyltoluene  
Concen: 49.90 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

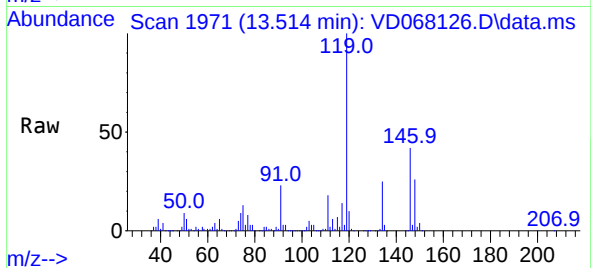


Tgt Ion:119 Resp: 1115561  
Ion Ratio Lower Upper  
119 100  
134 26.0 12.9 38.7  
91 22.8 11.7 35.0

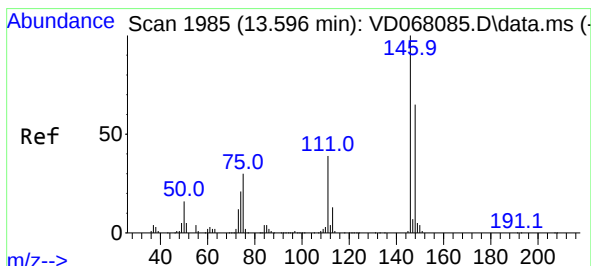
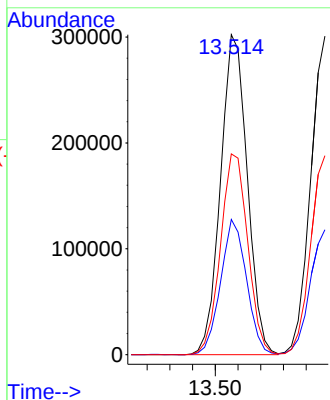
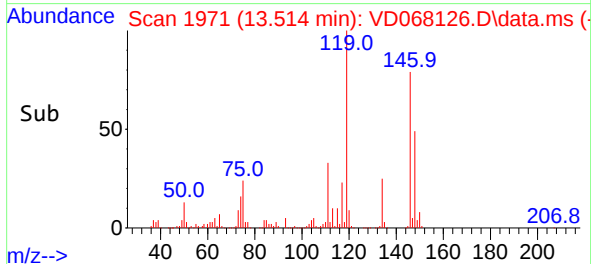




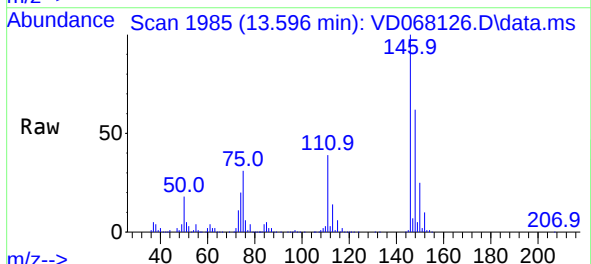
#87  
1,3-Dichlorobenzene  
Concen: 48.18 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



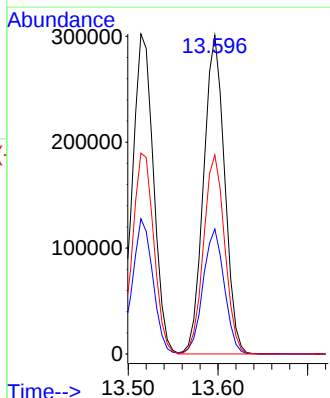
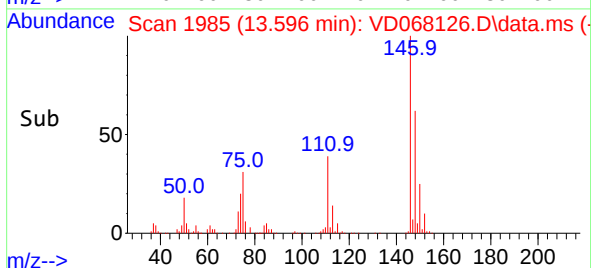
Tgt Ion:146 Resp: 494591  
Ion Ratio Lower Upper  
146 100  
111 41.0 19.5 58.5  
148 63.9 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 48.43 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



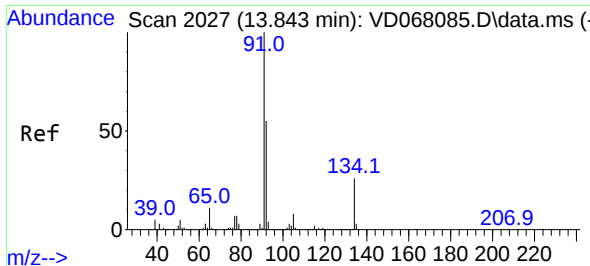
Tgt Ion:146 Resp: 489703  
Ion Ratio Lower Upper  
146 100  
111 39.6 19.1 57.1  
148 62.9 31.9 95.7



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

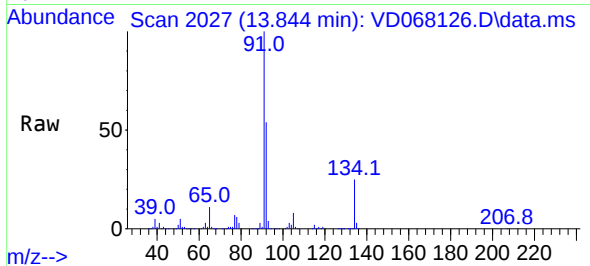
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#89  
n-Butylbenzene  
Concen: 50.53 ug/l  
RT: 13.844 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

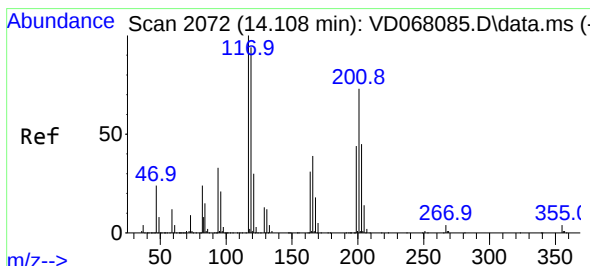
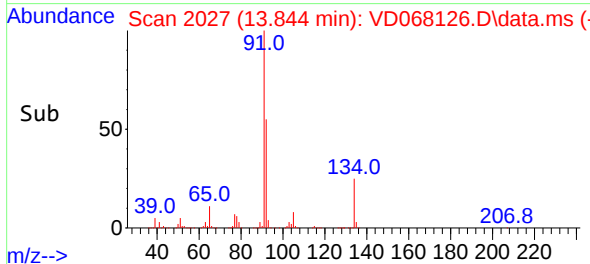
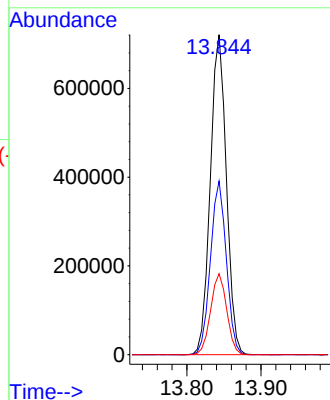


Tgt Ion: 91 Resp: 1084208

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.7  | 27.2  | 81.6  |
| 134 | 25.3  | 13.9  | 41.7  |

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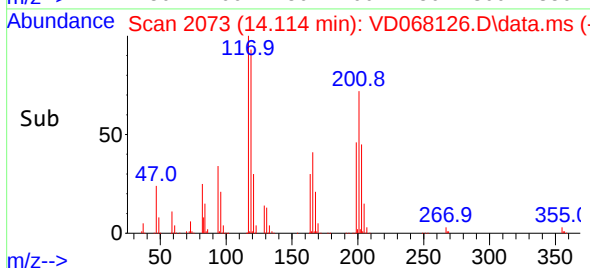
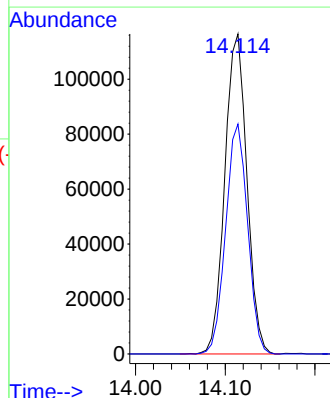
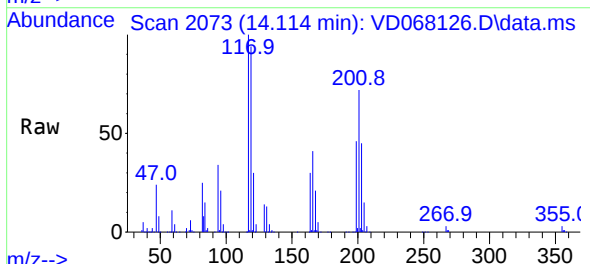
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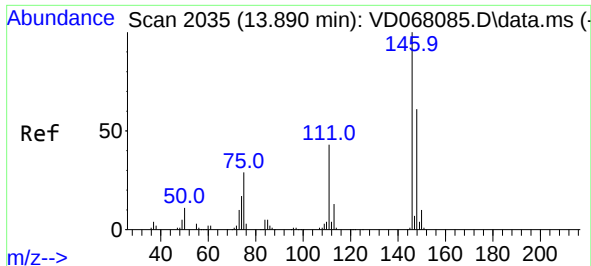


#90  
Hexachloroethane  
Concen: 49.32 ug/l  
RT: 14.114 min Scan# 2073  
Delta R.T. 0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion: 117 Resp: 199183

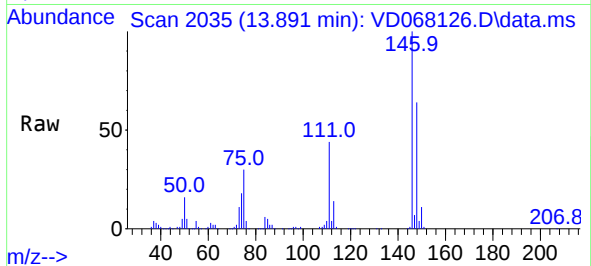
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 71.4  | 39.5  | 118.5 |





#91  
1,2-Dichlorobenzene  
Concen: 47.46 ug/l  
RT: 13.891 min Scan# 2035  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

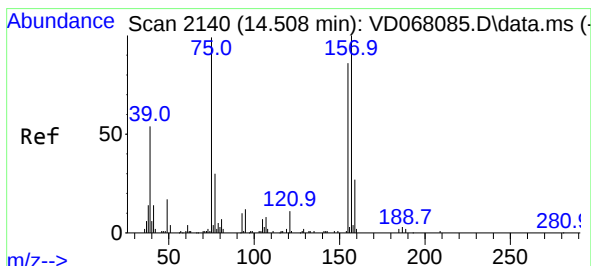
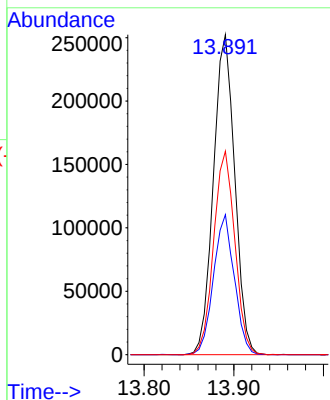
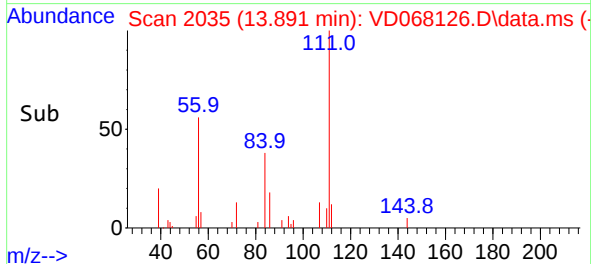
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



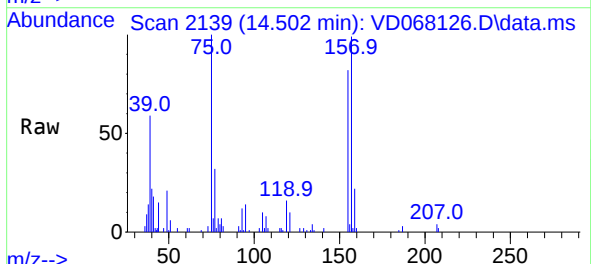
Tgt Ion:146 Resp: 417224  
Ion Ratio Lower Upper  
146 100  
111 42.8 20.3 60.9  
148 63.2 31.7 95.1

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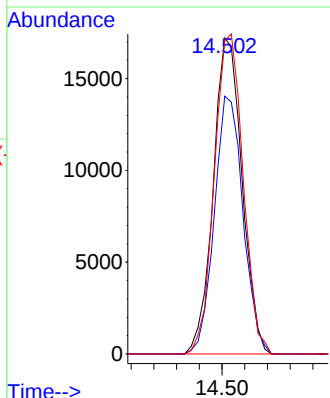
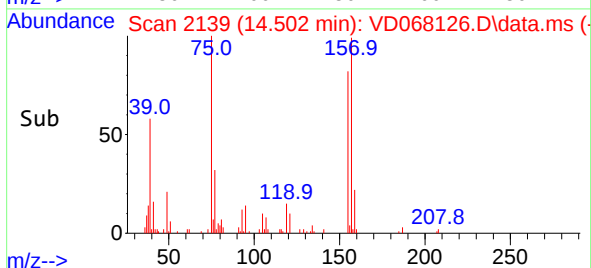
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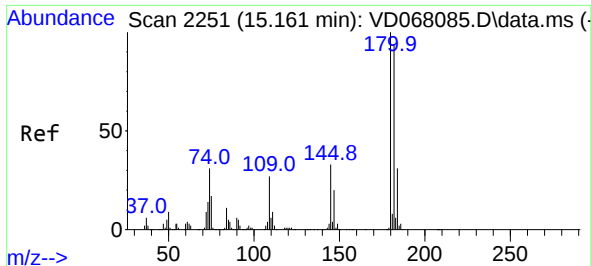


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.82 ug/l  
RT: 14.502 min Scan# 2139  
Delta R.T. -0.005 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

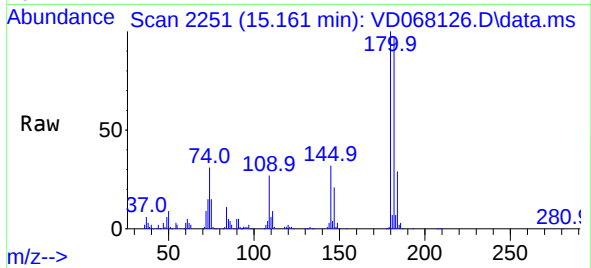


Tgt Ion: 75 Resp: 30347  
Ion Ratio Lower Upper  
75 100  
155 81.1 48.0 144.2  
157 100.9 65.0 194.8

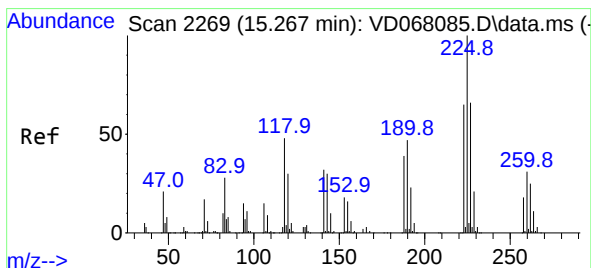
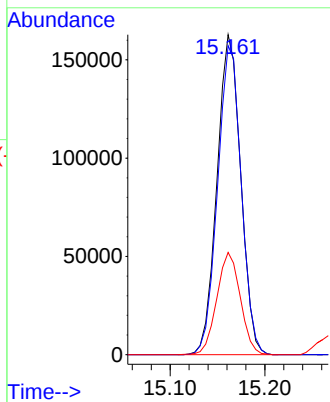
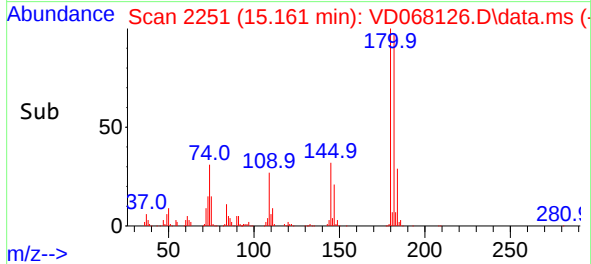




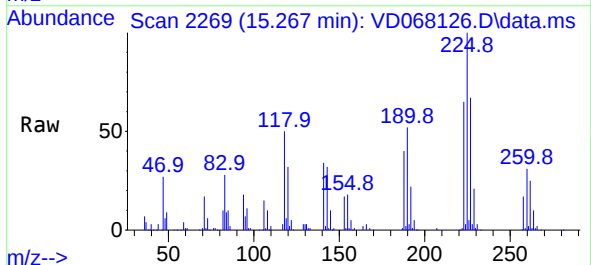
#93  
1,2,4-Trichlorobenzene  
Concen: 46.92 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



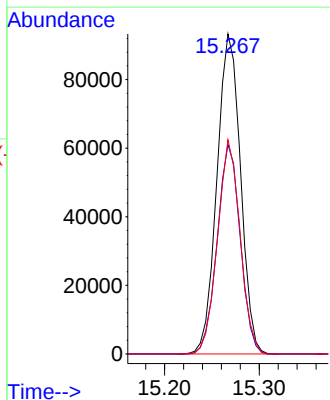
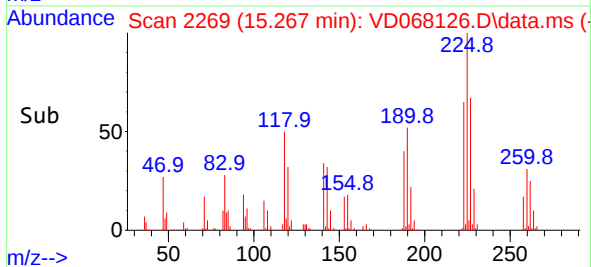
Tgt Ion:180 Resp: 282823  
Ion Ratio Lower Upper  
180 100  
182 96.4 46.8 140.4  
145 31.8 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 48.36 ug/l  
RT: 15.267 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00



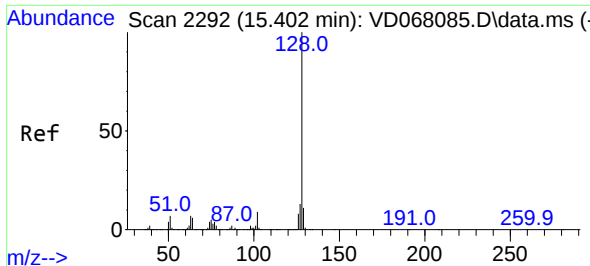
Tgt Ion:225 Resp: 161565  
Ion Ratio Lower Upper  
225 100  
223 63.9 31.9 95.5  
227 64.0 32.1 96.5



Instrument :  
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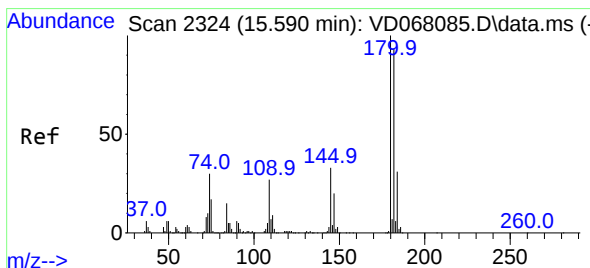
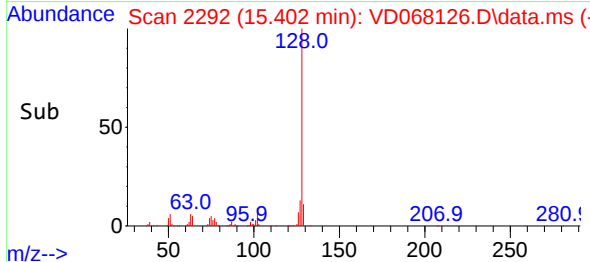
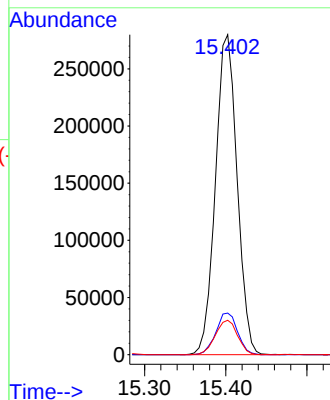
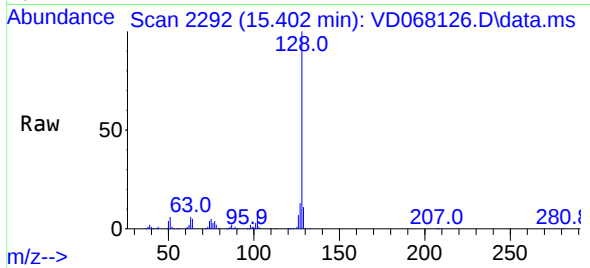
#95  
Naphthalene  
Concen: 45.89 ug/l  
RT: 15.402 min Scan# 2292  
Delta R.T. 0.000 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion:128 Resp: 518528  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.2 15.2  
129 11.1 8.8 13.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 46.89 ug/l  
RT: 15.596 min Scan# 2325  
Delta R.T. 0.006 min  
Lab File: VD068126.D  
Acq: 21 Jan 2021 12:00

Tgt Ion:180 Resp: 238389  
Ion Ratio Lower Upper  
180 100  
182 95.0 48.3 144.8  
145 32.8 16.7 50.1

