

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012721\  
 Data File : VD068199.D  
 Acq On : 27 Jan 2021 13:00  
 Operator : VA/SY  
 Sample : VD0127SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0127SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/28/2021 2:12:05 PM

Quant Time: Jan 27 23:56:44 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        | 7.985          | 168  | 350035     | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.867          | 114  | 616331     | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.649         | 117  | 549192     | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.573         | 152  | 249000     | 50.00  | ug/l   | 0.00     |
|                              |                |      |            |        |        |          |
| System Monitoring Compounds  |                |      |            |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.338          | 65   | 160163     | 47.83  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 95.66% |        |          |
| 35) Dibromofluoromethane     | 7.920          | 113  | 164060     | 48.15  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 96.30% |        |          |
| 50) Toluene-d8               | 10.344         | 98   | 612038     | 44.90  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 89.80% |        |          |
| 62) 4-Bromofluorobenzene     | 12.632         | 95   | 219912     | 44.80  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 89.60% |        |          |
|                              |                |      |            |        |        |          |
| Target Compounds             |                |      |            |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 86793      | 20.87  | ug/l   | 100      |
| 3) Chloromethane             | 2.215          | 50   | 102936     | 22.99  | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.350          | 62   | 115196     | 23.13  | ug/l   | 98       |
| 5) Bromomethane              | 2.762          | 94   | 79071      | 23.15  | ug/l   | 99       |
| 6) Chloroethane              | 2.921          | 64   | 74276      | 24.41  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.273          | 101  | 136693     | 20.91  | ug/l   | 95       |
| 8) Diethyl Ether             | 3.709          | 74   | 40516      | 21.05  | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.103          | 101  | 82246      | 21.57  | ug/l   | 93       |
| 10) Methyl Iodide            | 4.309          | 142  | 75074      | 19.60  | ug/l   | 94       |
| 11) Tert butyl alcohol       | 5.215          | 59   | 29295      | 43.85  | ug/l # | 74       |
| 12) 1,1-Dichloroethene       | 4.073          | 96   | 81482      | 21.25  | ug/l   | 93       |
| 13) Acrolein                 | 3.926          | 56   | 25793      | 97.75  | ug/l   | 99       |
| 14) Allyl chloride           | 4.720          | 41   | 115463     | 20.70  | ug/l   | 95       |
| 15) Acrylonitrile            | 5.426          | 53   | 85117      | 111.63 | ug/l   | 98       |
| 16) Acetone                  | 4.168          | 43   | 63689      | 106.52 | ug/l   | 91       |
| 17) Carbon Disulfide         | 4.415          | 76   | 249954     | 20.24  | ug/l   | 99       |
| 18) Methyl Acetate           | 4.732          | 43   | 38216      | 24.63  | ug/l   | 90       |
| 19) Methyl tert-butyl Ether  | 5.485          | 73   | 186508     | 21.04  | ug/l   | 94       |
| 20) Methylene Chloride       | 4.973          | 84   | 100630     | 21.86  | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 5.479          | 96   | 92717      | 21.06  | ug/l   | 93       |
| 22) Diisopropyl ether        | 6.367          | 45   | 236680     | 21.03  | ug/l # | 96       |
| 23) Vinyl Acetate            | 6.309          | 43   | 624026     | 104.00 | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 6.267          | 63   | 158414     | 21.72  | ug/l   | 99       |
| 25) 2-Butanone               | 7.214          | 43   | 93373      | 103.72 | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.209          | 77   | 139054     | 20.15  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.220          | 96   | 105736     | 22.12  | ug/l   | 95       |
| 28) Bromochloromethane       | 7.556          | 49   | 55137      | 22.19  | ug/l   | 80       |
| 29) Tetrahydrofuran          | 7.567          | 42   | 63372      | 108.59 | ug/l   | 92       |
| 30) Chloroform               | 7.714          | 83   | 159809     | 21.68  | ug/l   | 96       |
| 31) Cyclohexane              | 7.985          | 56   | 145797     | 20.11  | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 7.909          | 97   | 142028     | 21.38  | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 128042     | 20.60  | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.297          | 43   | 45546      | 20.72  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 118718     | 20.41  | ug/l   | 94       |
| 39) Methylcyclohexane        | 9.355          | 83   | 158465     | 19.50  | ug/l   | 98       |
| 40) Benzene                  | 8.356          | 78   | 361102     | 20.78  | ug/l   | 97       |

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 Sample : VD0127SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0127SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/28/2021 2:12:05 PM

Quant Time: Jan 27 23:56:44 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   | 27986    | 21.09  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.432  | 62   | 99309    | 21.39  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.456  | 43   | 91419    | 19.95  | ug/l   | 95       |
| 44) Trichloroethene           | 9.114  | 130  | 97328    | 20.39  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 89287    | 20.98  | ug/l   | 96       |
| 46) Dibromomethane            | 9.479  | 93   | 45907    | 21.29  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.667  | 83   | 123572   | 21.24  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.461  | 41   | 47273    | 20.73  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 9728     | 384.97 | ug/l # | 81       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 219250   | 102.94 | ug/l   | 96       |
| 52) Toluene                   | 10.408 | 92   | 234987   | 20.75  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.626 | 75   | 119492   | 20.29  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 142510   | 20.33  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 64930    | 21.25  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 81370    | 19.99  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.950 | 76   | 114416   | 21.22  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 204124   | 108.66 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.985 | 43   | 148445   | 100.55 | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.144 | 129  | 79791    | 20.82  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 62498    | 20.73  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.879 | 164  | 77876    | 20.12  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.673 | 112  | 243649   | 20.88  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 84484    | 20.58  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.749 | 91   | 447135   | 20.69  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.855 | 106  | 337104   | 41.33  | ug/l   | 98       |
| 69) o-Xylene                  | 12.185 | 106  | 155058   | 20.47  | ug/l   | 100      |
| 70) Styrene                   | 12.197 | 104  | 267252   | 20.67  | ug/l   | 99       |
| 71) Bromoform                 | 12.361 | 173  | 42301    | 20.33  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.479 | 105  | 425273   | 20.53  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.291 | 43   | 84030    | 19.51  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 70674    | 21.45  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.785 | 75   | 52410m   | 21.77  | ug/l   |          |
| 77) Bromobenzene              | 12.761 | 156  | 92008    | 20.71  | ug/l   | 88       |
| 78) n-propylbenzene           | 12.820 | 91   | 505638   | 20.63  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 277458   | 20.16  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 340877   | 19.75  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.532 | 75   | 23204    | 19.50  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.008 | 91   | 290397   | 20.29  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.226 | 119  | 295933   | 20.24  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 345091   | 20.15  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.402 | 105  | 413435   | 20.21  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 374513   | 20.13  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 176644   | 20.68  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 174823   | 20.78  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.843 | 91   | 359426   | 20.13  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.108 | 117  | 65808    | 19.58  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 157112   | 21.48  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.508 | 75   | 11187    | 20.74  | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 99390    | 19.82  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.267 | 225  | 54178    | 19.49  | ug/l   | 100      |
| 95) Naphthalene               | 15.396 | 128  | 190188   | 20.23  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.596 | 180  | 85181    | 20.14  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012721\  
Data File : VD068199.D  
Acq On : 27 Jan 2021 13:00  
Operator : VA/SY  
Sample : VD0127SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

Manual Integrations  
APPROVED

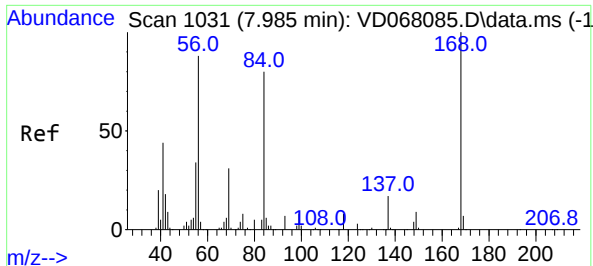
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1/28/2021 2:12:05 PM

Quant Time: Jan 27 23:56:44 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

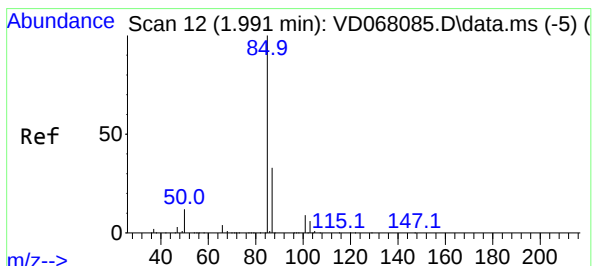
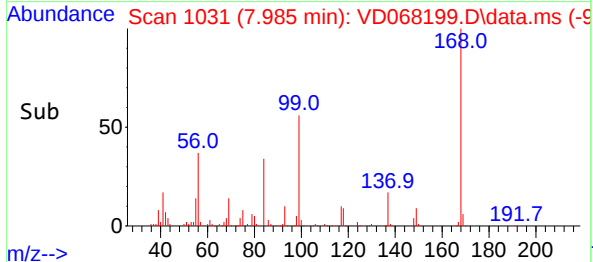
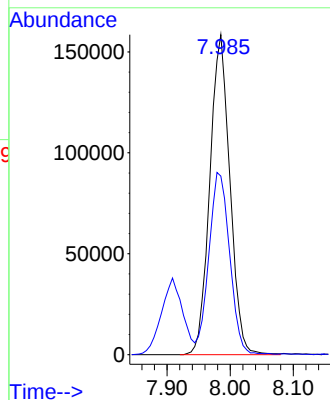
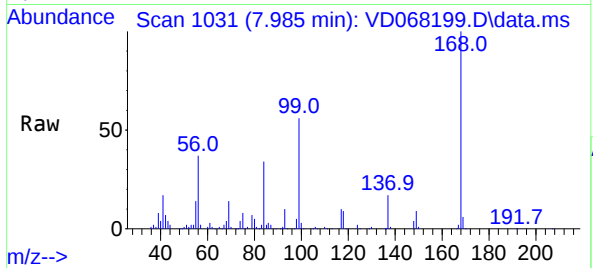
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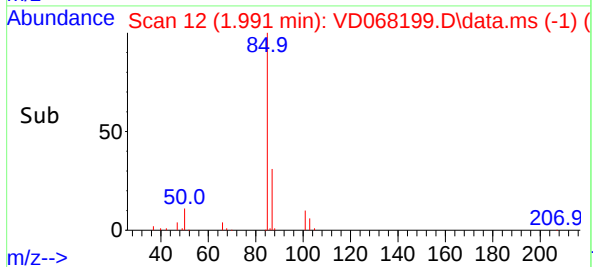
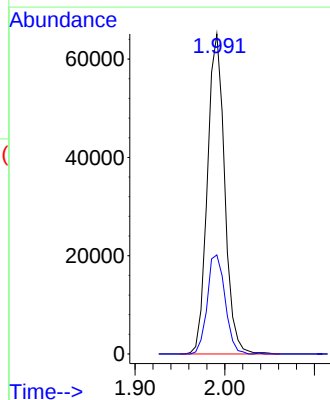
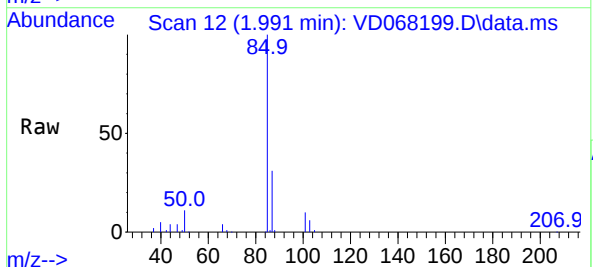
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 168 Resp: 350035  
Ion Ratio Lower Upper  
168 100  
99 55.6 43.5 65.3



Dichlorodifluoromethane  
Concen: 20.87 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

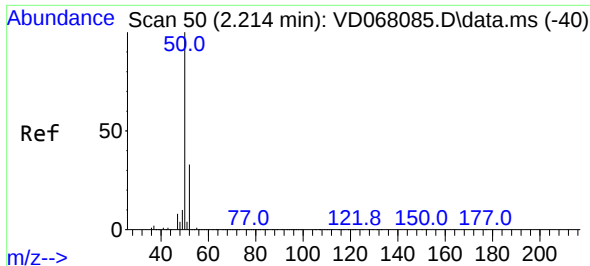
Tgt Ion: 85 Resp: 86793  
Ion Ratio Lower Upper  
85 100  
87 31.0 15.4 46.1



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

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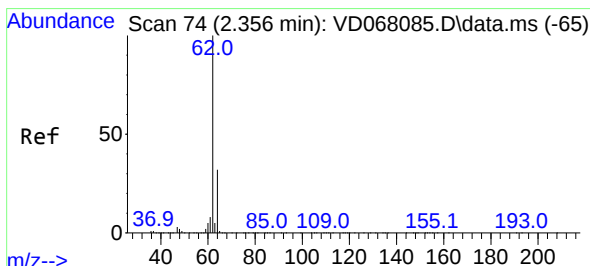
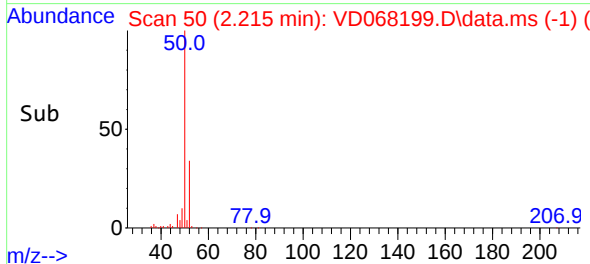
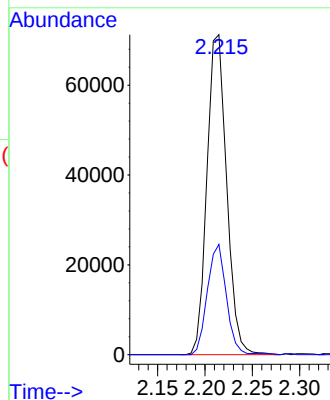
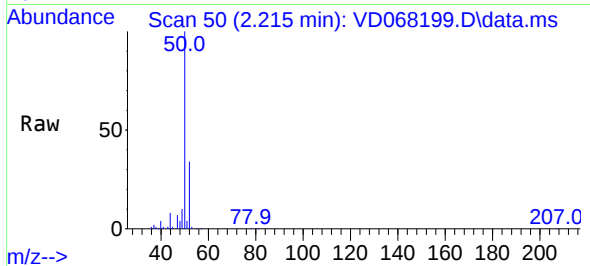
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Chloromethane  
Concen: 22.99 ug/l  
RT: 2.215 min Scan# 50  
Delta R.T. 0.001 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 50 Resp: 102936  
Ion Ratio Lower Upper  
50 100  
52 34.5 25.4 38.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

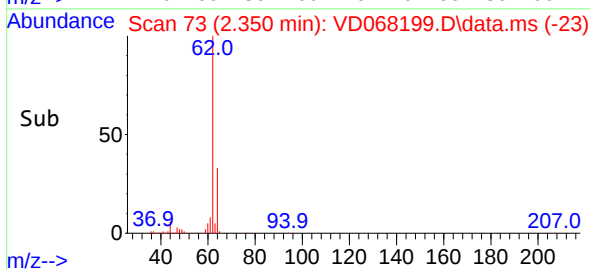
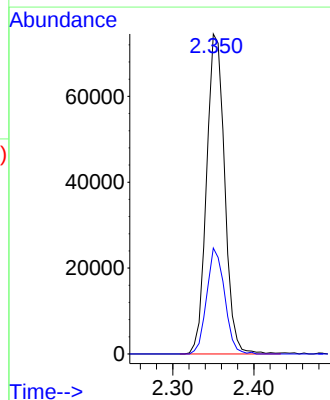
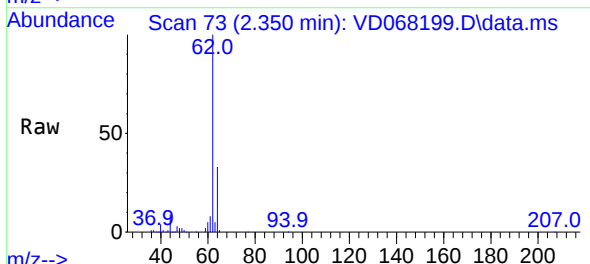
Manual Integrations  
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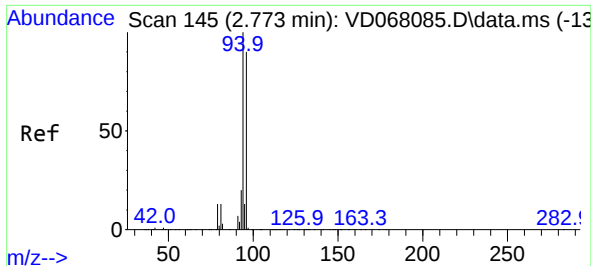
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1/28/2021 2:12:05 PM



#4  
Vinyl Chloride  
Concen: 23.13 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 62 Resp: 115196  
Ion Ratio Lower Upper  
62 100  
64 33.1 25.4 38.2





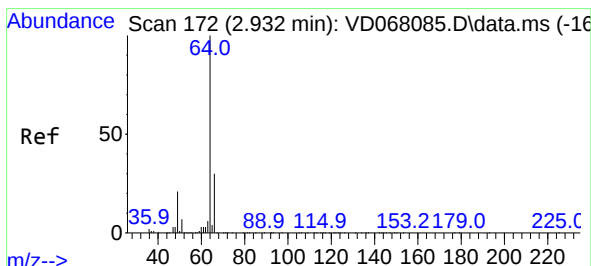
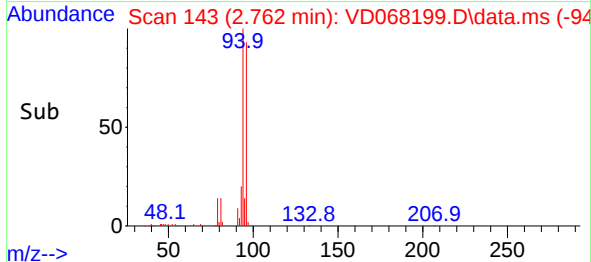
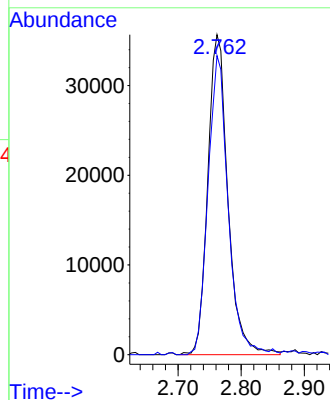
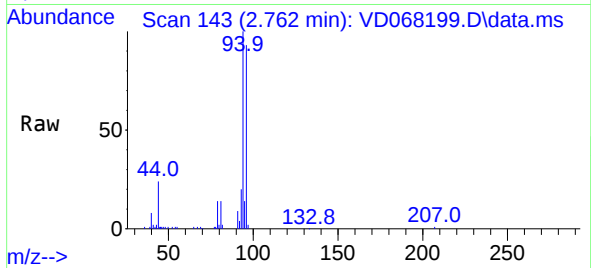
#5  
Bromomethane  
Concen: 23.15 ug/l  
RT: 2.762 min Scan# 143  
Delta R.T. -0.011 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 94 Resp: 79071  
Ion Ratio Lower Upper  
94 100  
96 93.4 75.8 113.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

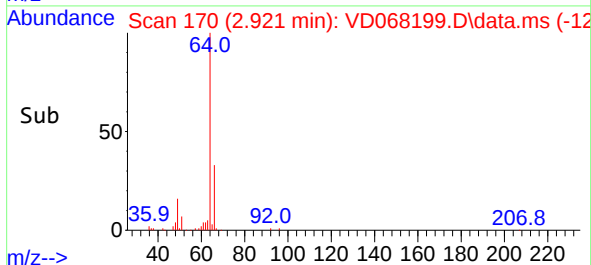
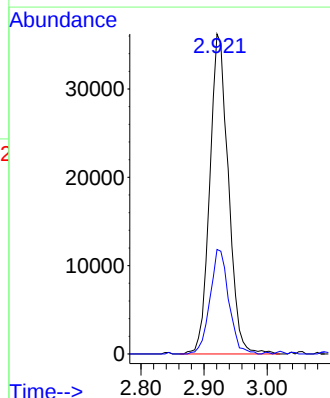
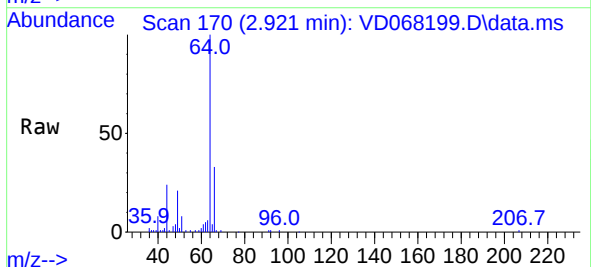
Manual Integrations  
APPROVED

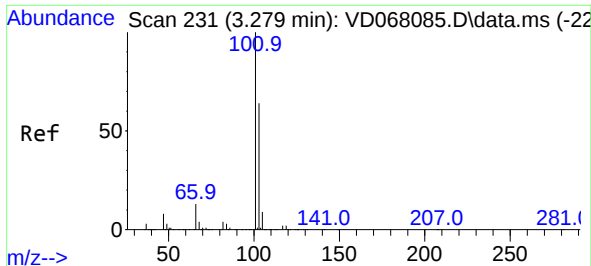
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1/28/2021 2:12:05 PM



#6  
Chloroethane  
Concen: 24.41 ug/l  
RT: 2.921 min Scan# 170  
Delta R.T. -0.011 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 64 Resp: 74276  
Ion Ratio Lower Upper  
64 100  
66 32.6 25.1 37.7





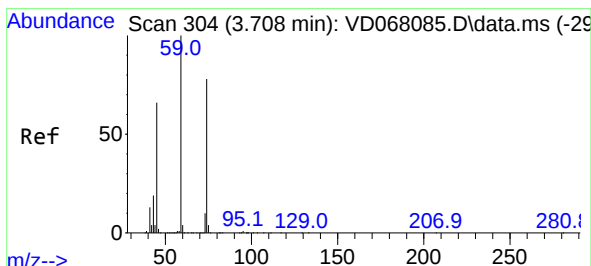
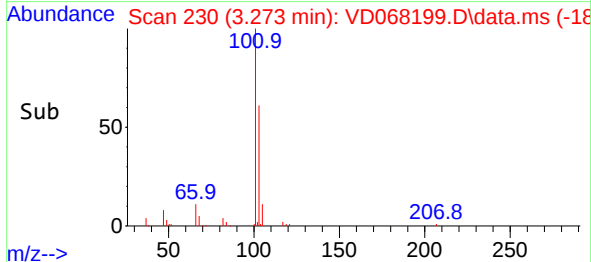
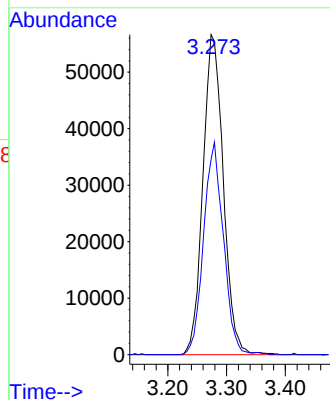
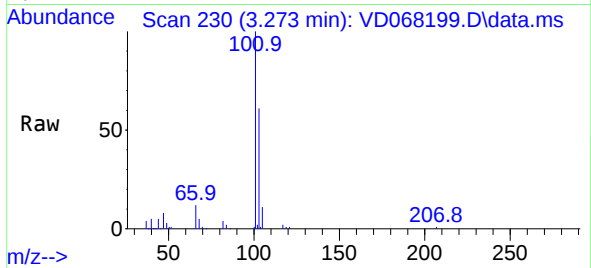
#7  
Trichlorofluoromethane  
Concen: 20.91 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion:101 Resp: 136693  
Ion Ratio Lower Upper  
101 100  
103 61.0 52.0 78.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

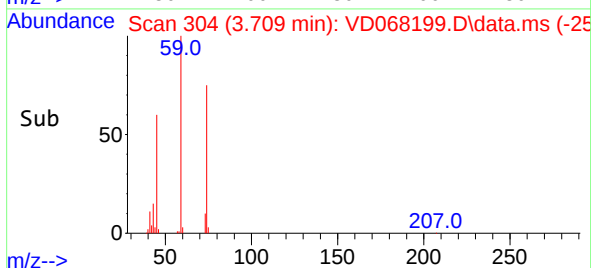
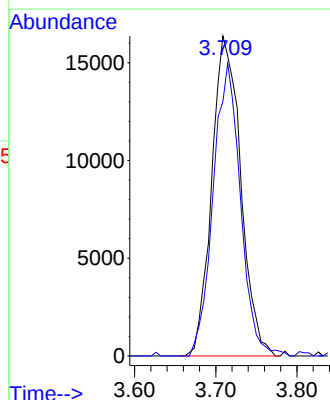
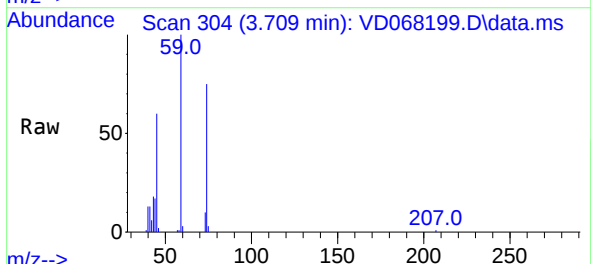
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#8  
Diethyl Ether  
Concen: 21.05 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.001 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

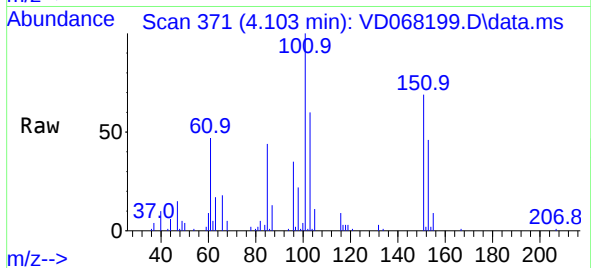
Tgt Ion: 74 Resp: 40516  
Ion Ratio Lower Upper  
74 100  
45 86.2 42.1 126.4





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.57 ug/l  
RT: 4.103 min Scan# 371  
Delta R.T. 0.001 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

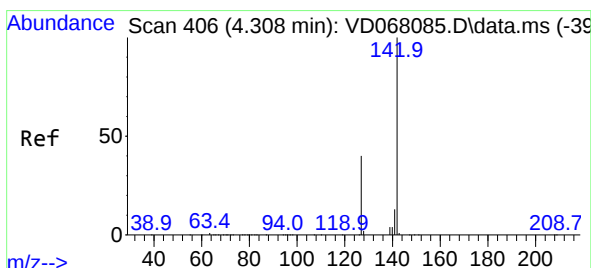
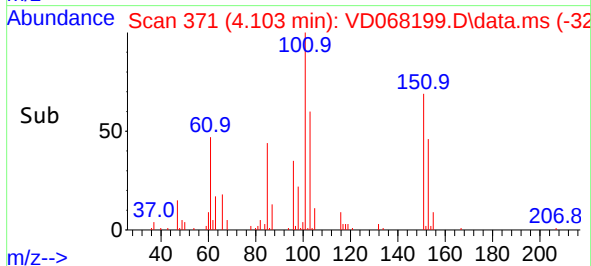
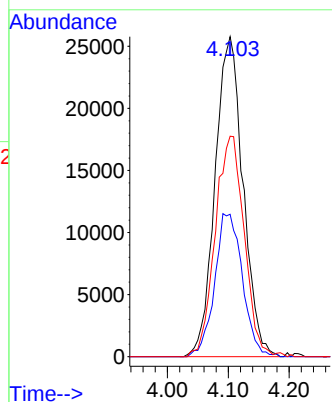
Instrument :  
MSVOA\_D  
ClientSampled :  
VD0127SBS01



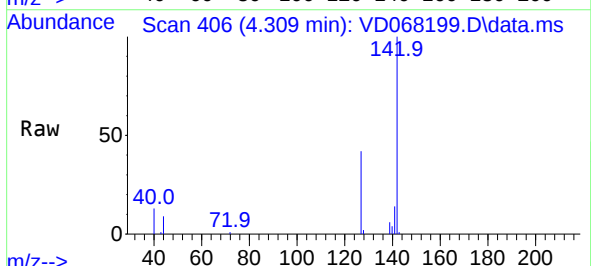
Tgt Ion:101 Resp: 82246  
Ion Ratio Lower Upper  
101 100  
85 44.3 34.0 51.0  
151 71.6 64.1 96.1

Manual Integrations  
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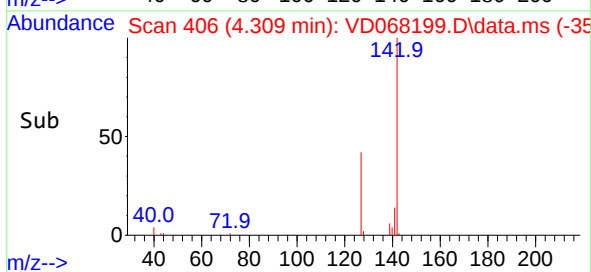
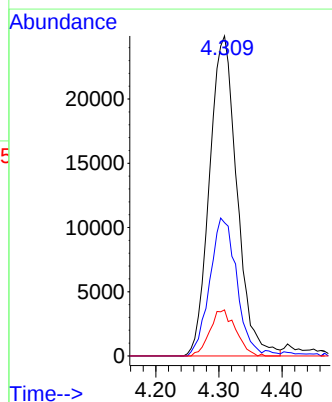
MMDadoda  
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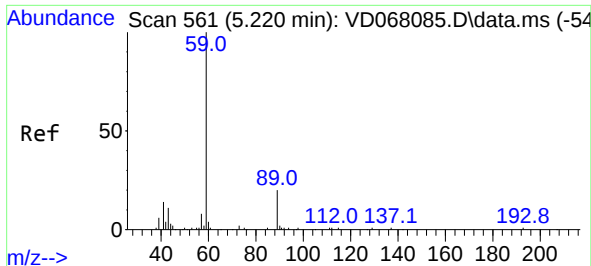


#10  
Methyl Iodide  
Concen: 19.60 ug/l  
RT: 4.309 min Scan# 406  
Delta R.T. 0.001 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



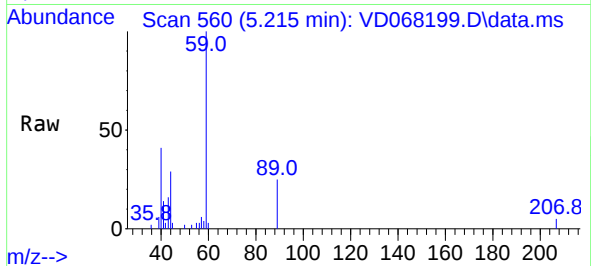
Tgt Ion:142 Resp: 75074  
Ion Ratio Lower Upper  
142 100  
127 42.1 37.9 56.9  
141 13.6 11.5 17.3





#11  
Tert butyl alcohol  
Concen: 43.85 ug/l  
RT: 5.215 min Scan# 560  
Delta R.T. -0.005 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

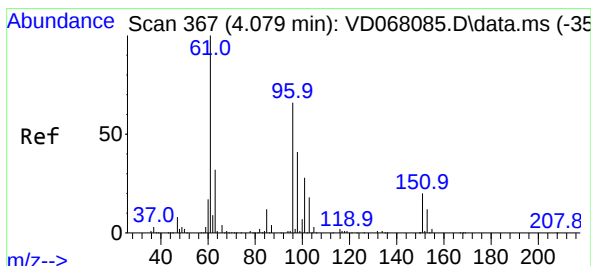
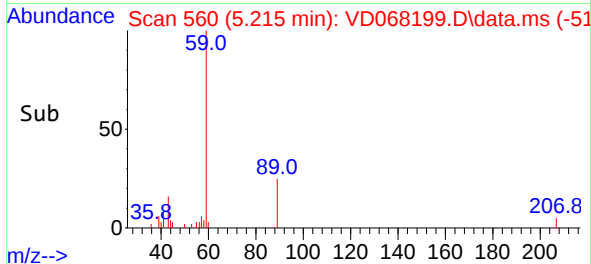
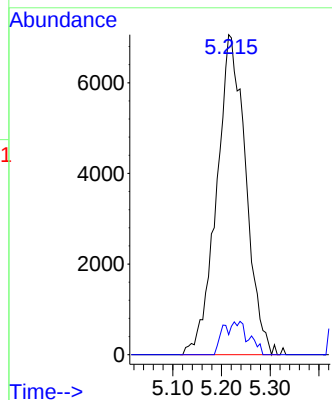
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



Tgt Ion: 59 Resp: 29295  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.4 11.2#

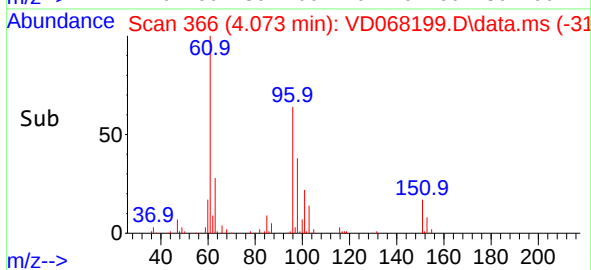
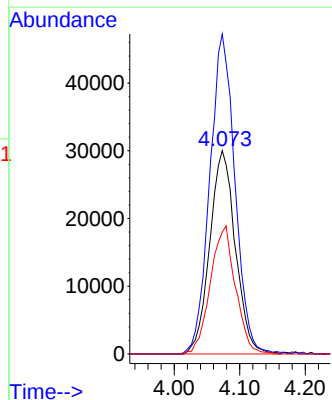
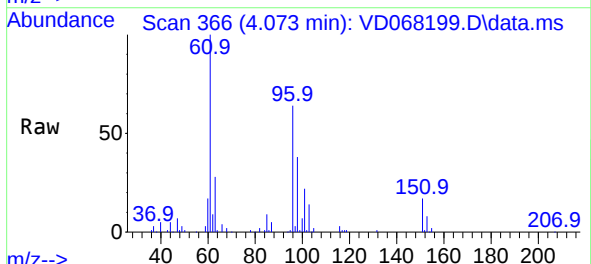
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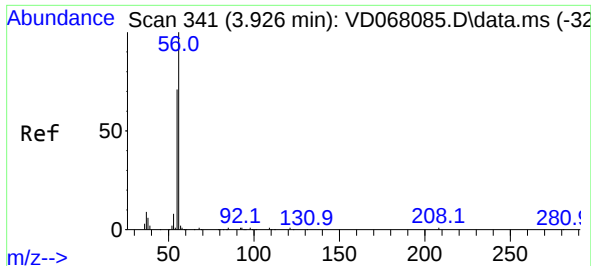
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#12  
1,1-Dichloroethene  
Concen: 21.25 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 96 Resp: 81482  
Ion Ratio Lower Upper  
96 100  
61 157.3 116.2 174.4  
98 59.9 48.6 73.0





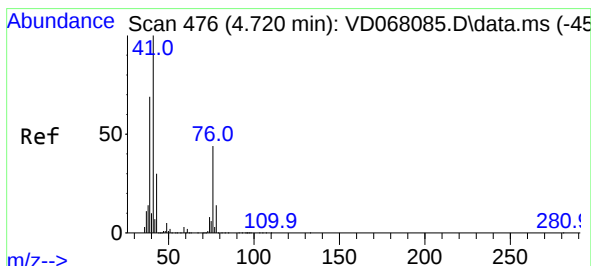
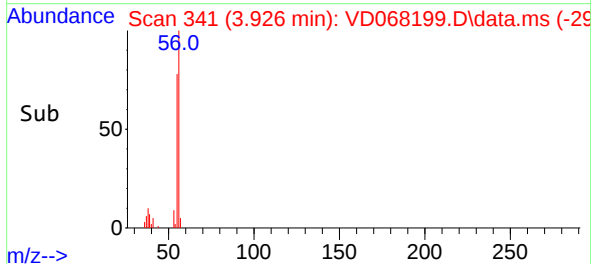
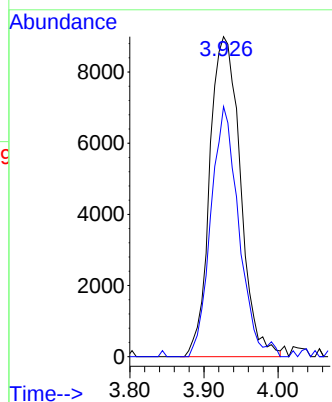
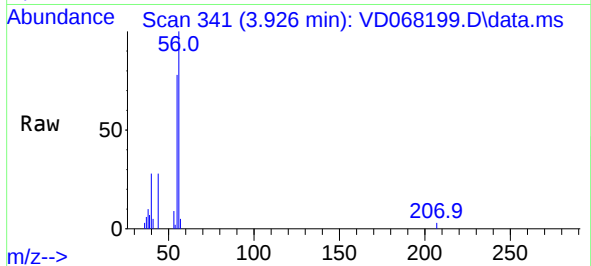
#13  
Acrolein  
Concen: 97.75 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 56 Resp: 25793  
Ion Ratio Lower Upper  
56 100  
55 70.1 56.5 84.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

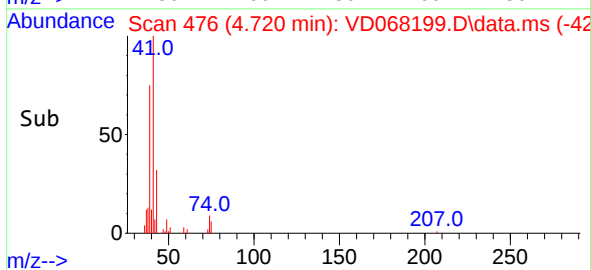
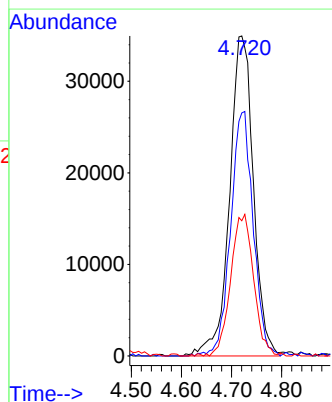
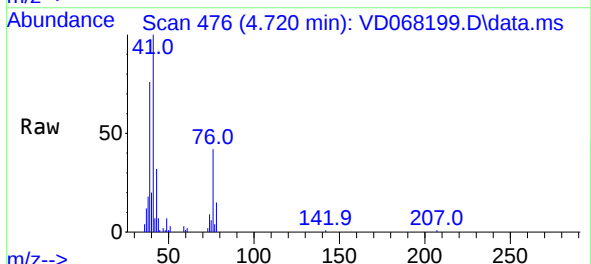
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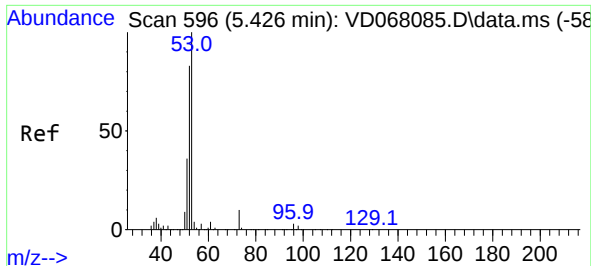
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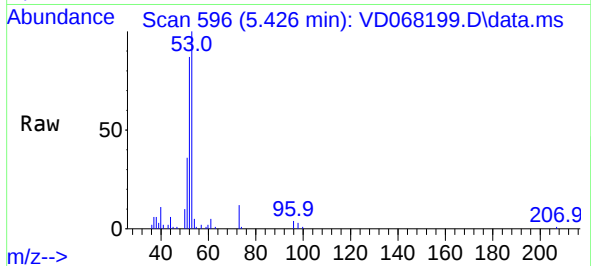
#14  
Allyl chloride  
Concen: 20.70 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 41 Resp: 115463  
Ion Ratio Lower Upper  
41 100  
39 72.3 56.3 84.5  
76 42.6 38.9 58.3

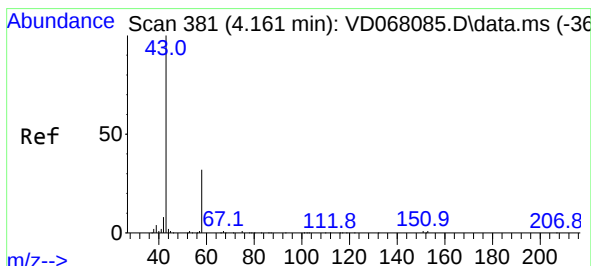
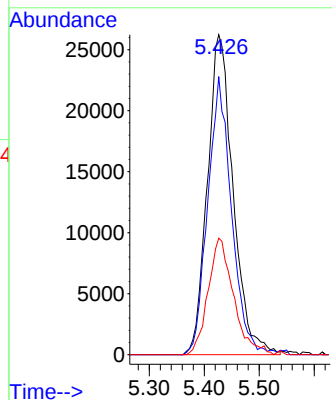
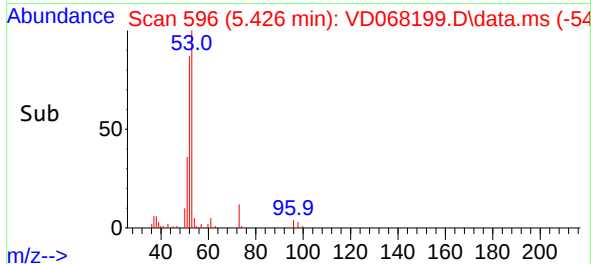




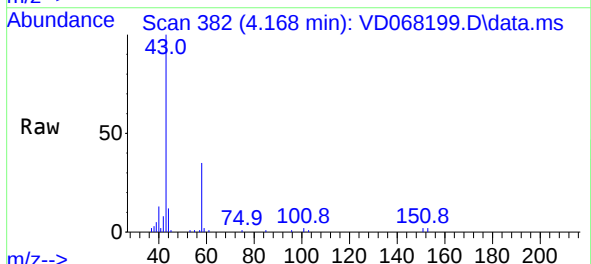
#15  
Acrylonitrile  
Concen: 111.63 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



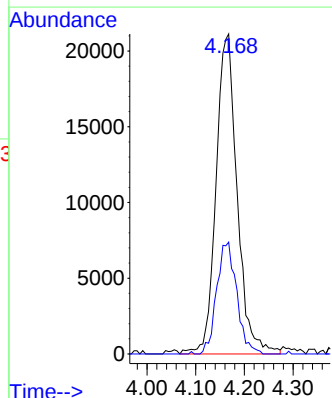
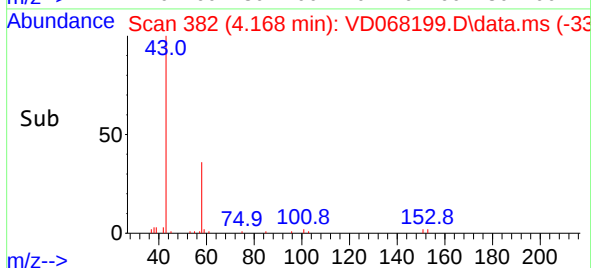
Tgt Ion: 53 Resp: 85117  
Ion Ratio Lower Upper  
53 100  
52 80.4 66.2 99.2  
51 36.1 29.0 43.4



#16  
Acetone  
Concen: 106.52 ug/l  
RT: 4.168 min Scan# 382  
Delta R.T. 0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



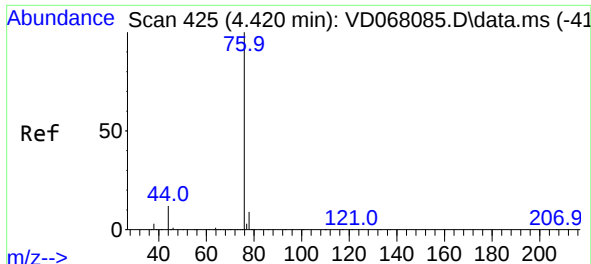
Tgt Ion: 43 Resp: 63689  
Ion Ratio Lower Upper  
43 100  
58 35.0 24.2 36.4



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

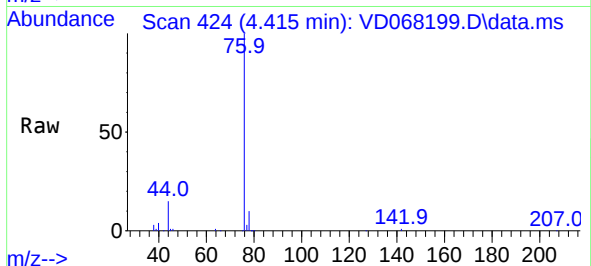
Manual Integrations  
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#17  
Carbon Disulfide  
Concen: 20.24 ug/l  
RT: 4.415 min Scan# 424  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

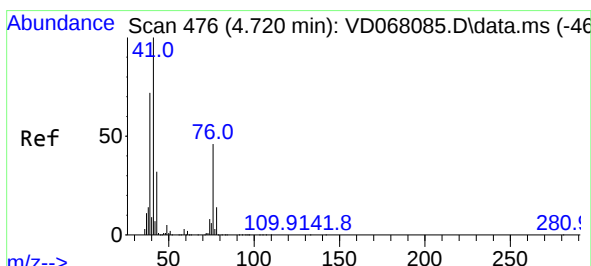
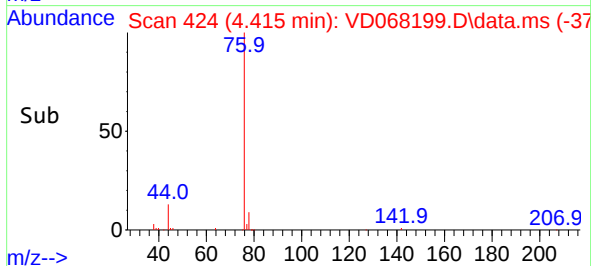
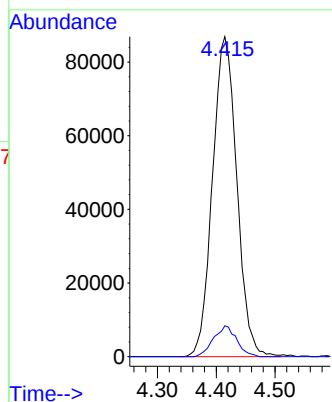
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



Tgt Ion: 76 Resp: 249954  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.3 10.9

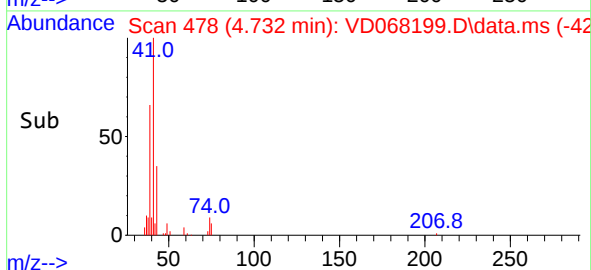
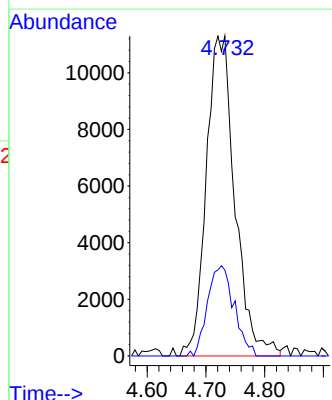
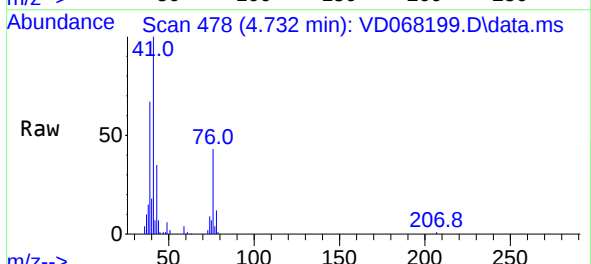
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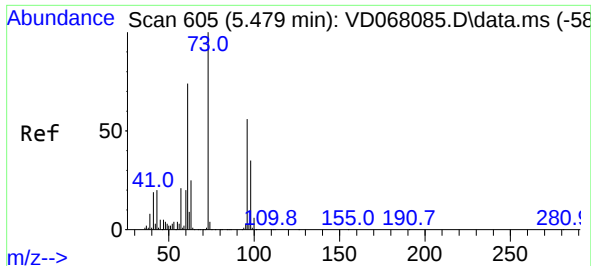
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#18  
Methyl Acetate  
Concen: 24.63 ug/l  
RT: 4.732 min Scan# 478  
Delta R.T. 0.012 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 43 Resp: 38216  
Ion Ratio Lower Upper  
43 100  
74 26.1 25.4 38.0





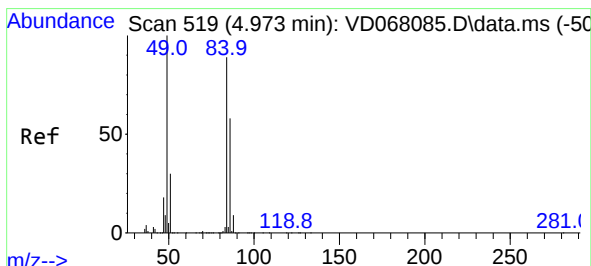
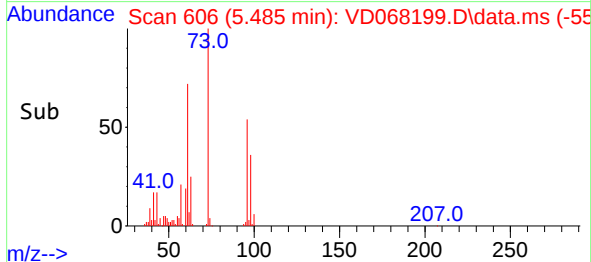
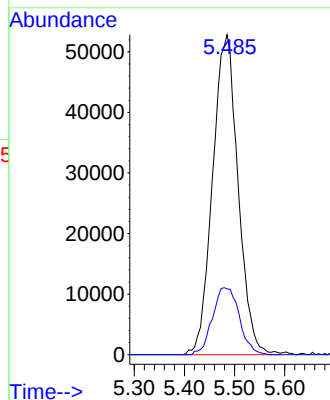
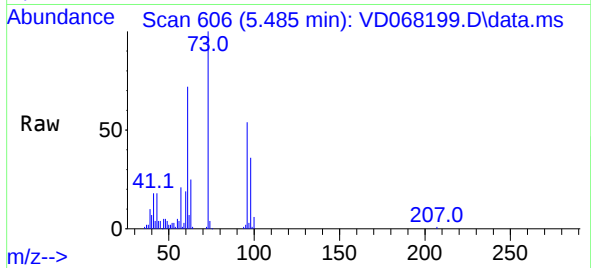
#19  
Methyl tert-butyl Ether  
Concen: 21.04 ug/l  
RT: 5.485 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 73 Resp: 186508  
Ion Ratio Lower Upper  
73 100  
57 20.6 14.4 21.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

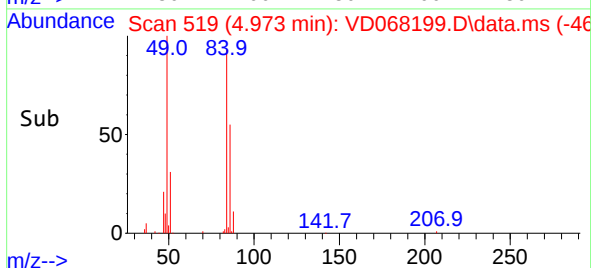
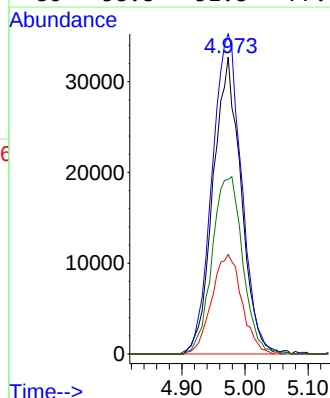
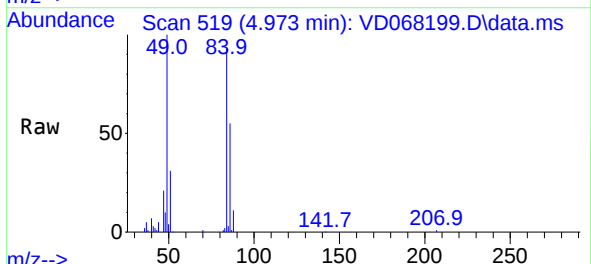
Manual Integrations  
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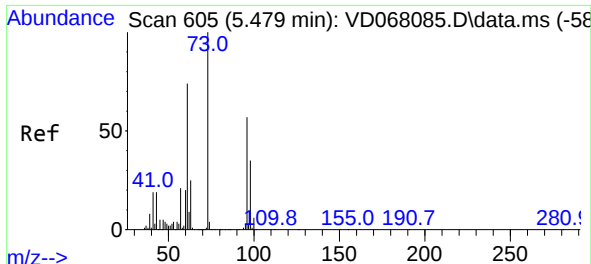
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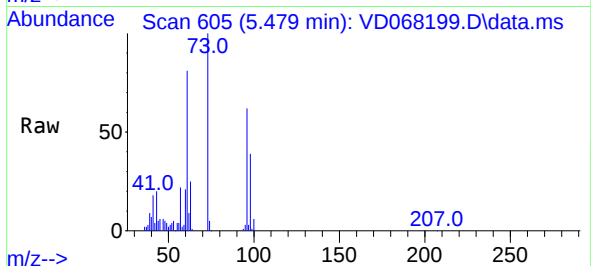
#20  
Methylene Chloride  
Concen: 21.86 ug/l  
RT: 4.973 min Scan# 519  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 84 Resp: 100630  
Ion Ratio Lower Upper  
84 100  
49 107.8 77.4 116.2  
51 33.5 26.1 39.1  
86 58.8 51.8 77.8



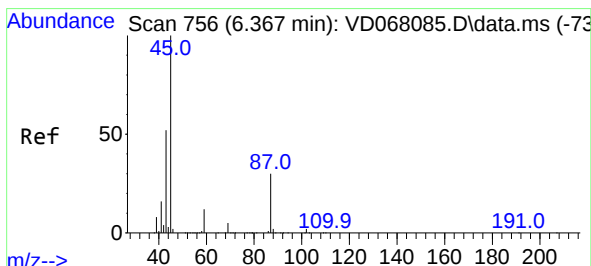
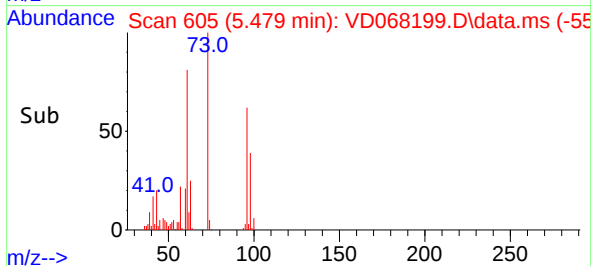
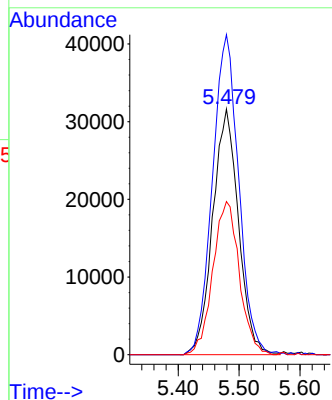


#21  
trans-1,2-Dichloroethene  
Concen: 21.06 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

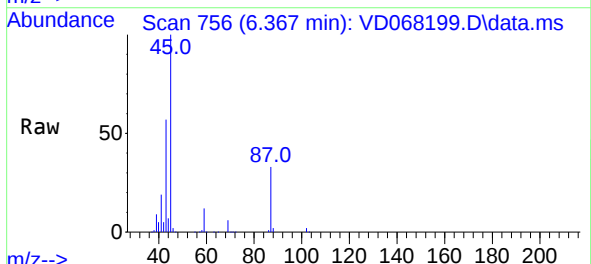


Tgt Ion: 96 Resp: 92717

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 130.3 | 96.7  | 145.1 |
| 98  | 62.3  | 47.6  | 71.4  |

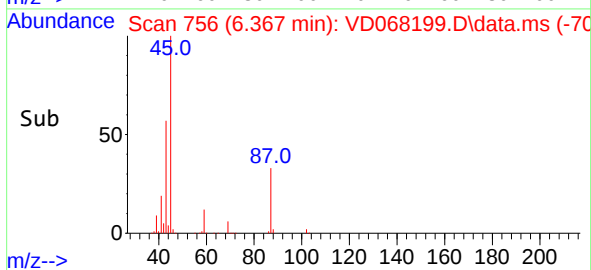
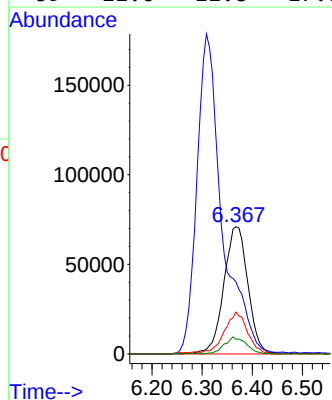


#22  
Diisopropyl ether  
Concen: 21.03 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



Tgt Ion: 45 Resp: 236680

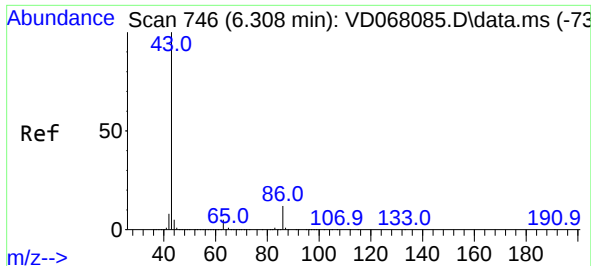
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 55.3  | 43.9  | 65.9  |
| 87  | 33.0  | 29.9  | 44.9  |
| 59  | 11.6  | 11.8  | 17.8  |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

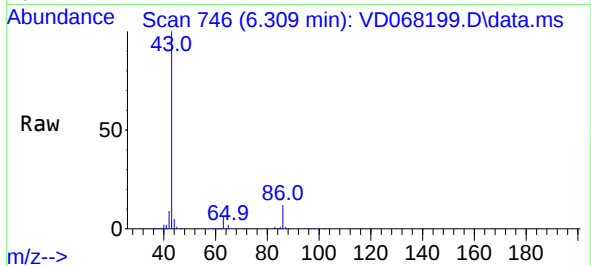
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#23  
 Vinyl Acetate  
 Concen: 104.00 ug/l  
 RT: 6.309 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD068199.D  
 Acq: 27 Jan 2021 13:00

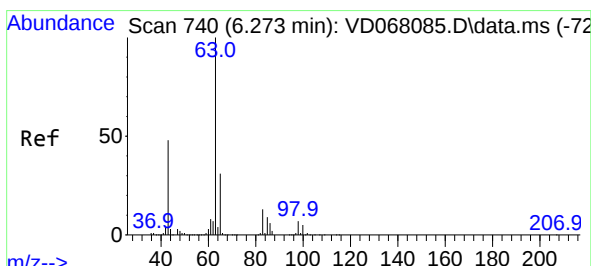
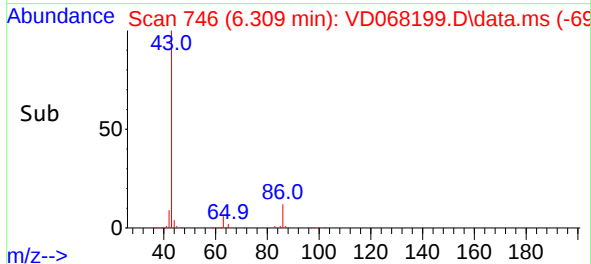
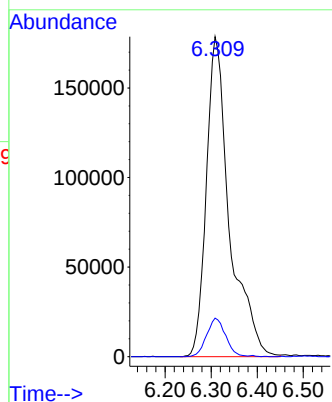
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0127SBS01



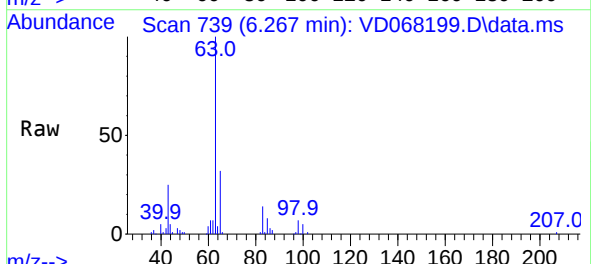
Tgt Ion: 43 Resp: 624026  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 10.8 16.2

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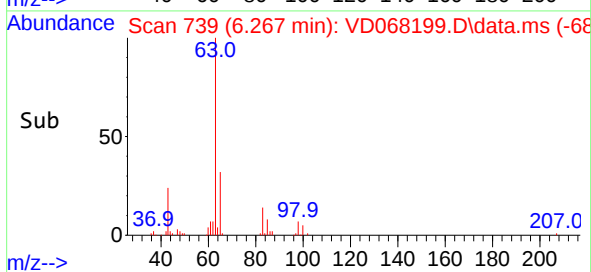
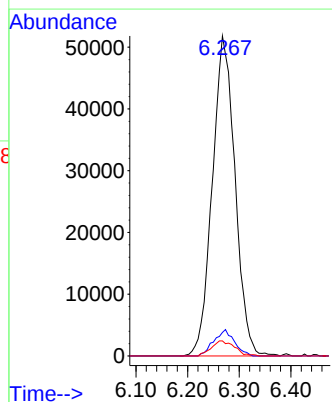
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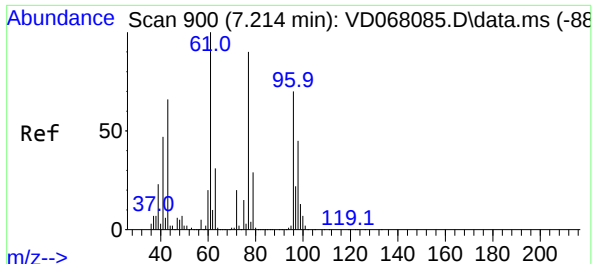


#24  
 1,1-Dichloroethane  
 Concen: 21.72 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. -0.006 min  
 Lab File: VD068199.D  
 Acq: 27 Jan 2021 13:00



Tgt Ion: 63 Resp: 158414  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.8 11.4  
 100 4.7 2.6 8.0





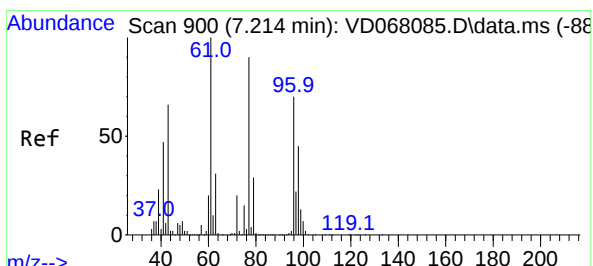
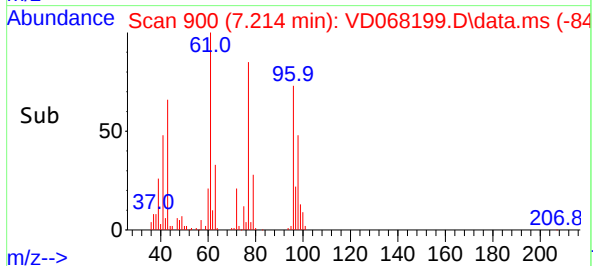
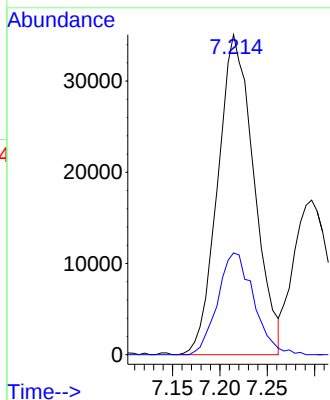
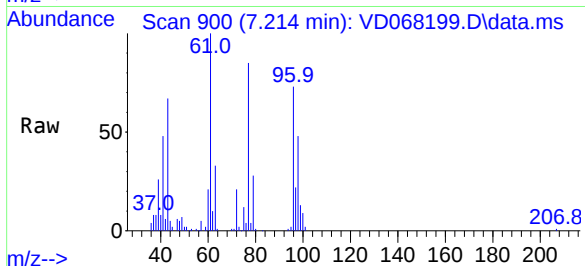
#25  
2-Butanone  
Concen: 103.72 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 43 Resp: 93373  
Ion Ratio Lower Upper  
43 100  
72 31.8 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

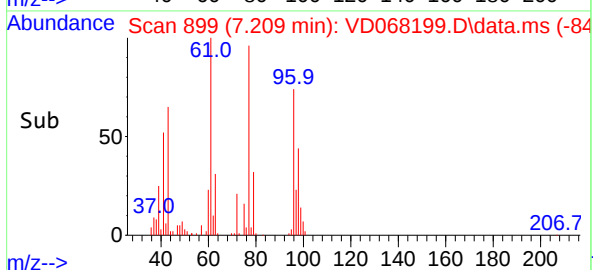
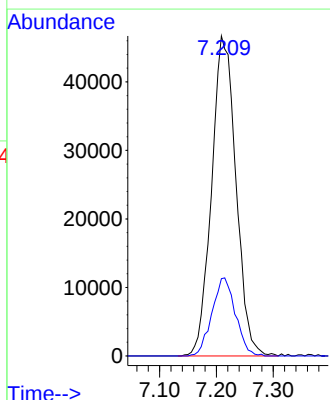
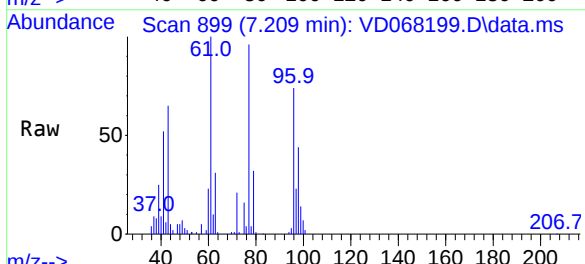
Manual Integrations  
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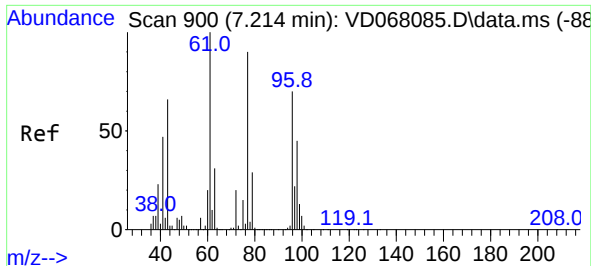
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#26  
2,2-Dichloropropane  
Concen: 20.15 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

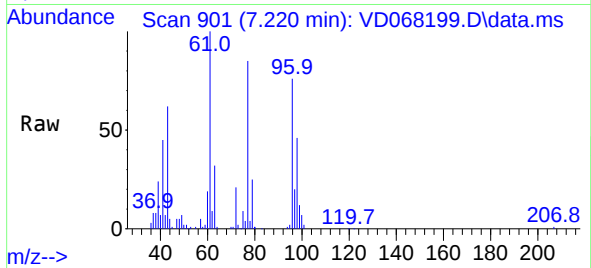
Tgt Ion: 77 Resp: 139054  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.7 35.1





#27  
cis-1,2-Dichloroethene  
Concen: 22.12 ug/l  
RT: 7.220 min Scan# 901  
Delta R.T. 0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

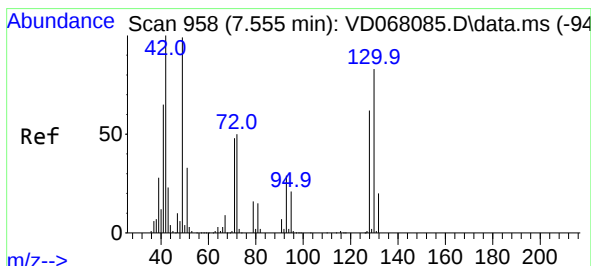
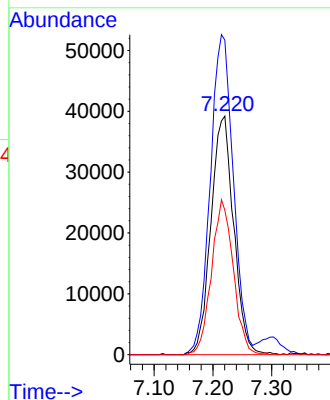
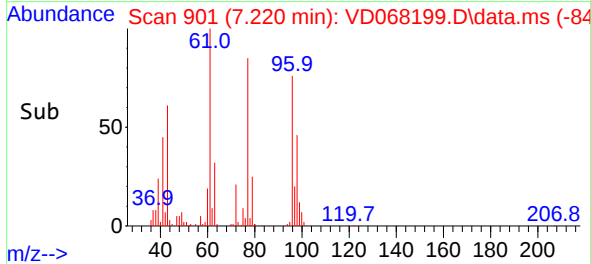
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



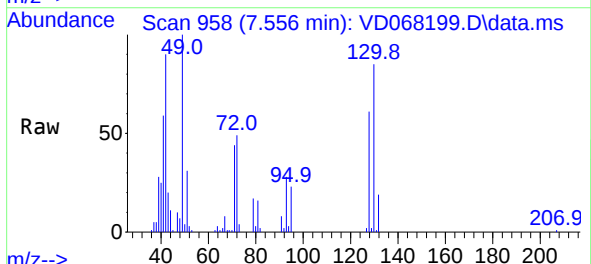
Tgt Ion: 96 Resp: 105736  
Ion Ratio Lower Upper  
96 100  
61 135.7 0.0 257.4  
98 62.2 0.0 126.6

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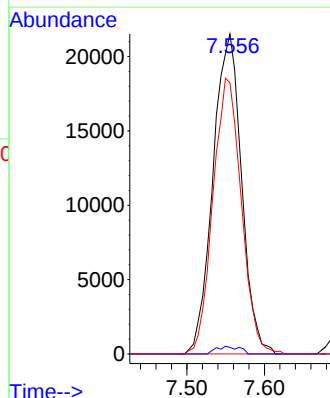
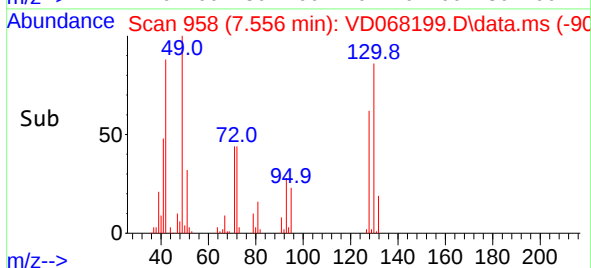
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1/28/2021 2:12:05 PM

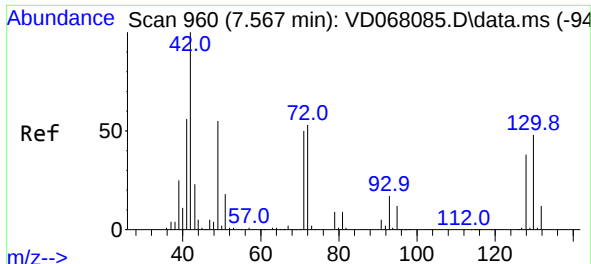


#28  
Bromochloromethane  
Concen: 22.19 ug/l  
RT: 7.556 min Scan# 958  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



Tgt Ion: 49 Resp: 55137  
Ion Ratio Lower Upper  
49 100  
129 1.9 0.0 4.8  
130 85.5 85.5 128.3





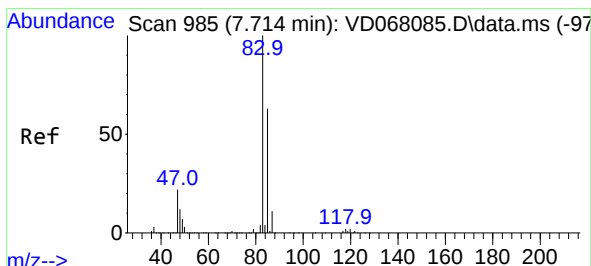
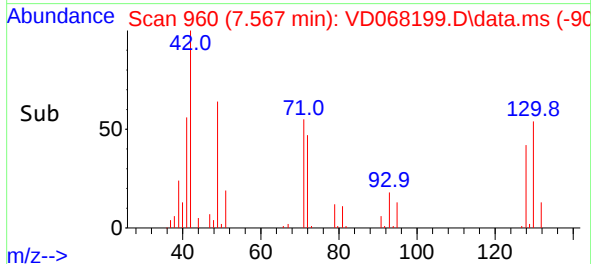
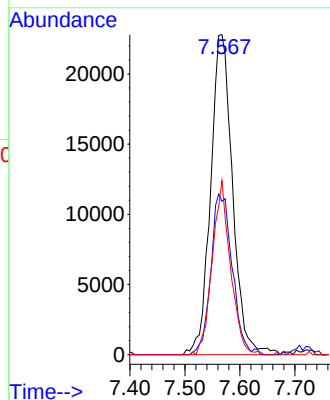
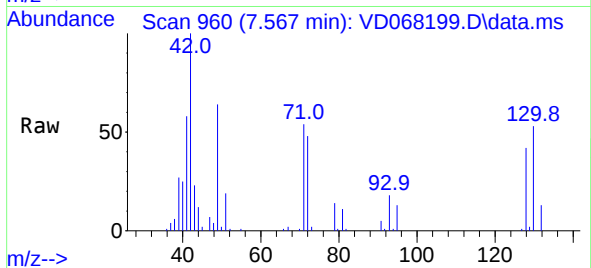
#29  
Tetrahydrofuran  
Concen: 108.59 ug/l  
RT: 7.567 min Scan# 960  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 42 Resp: 63372  
Ion Ratio Lower Upper  
42 100  
72 48.8 43.4 65.0  
71 45.0 40.8 61.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

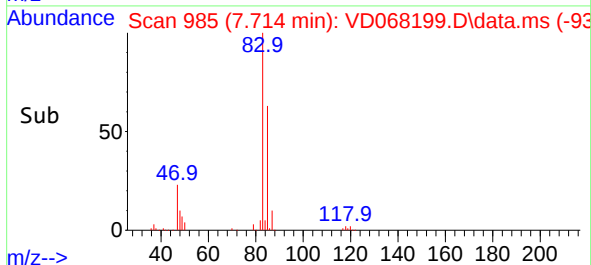
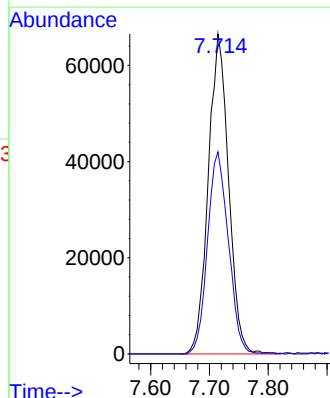
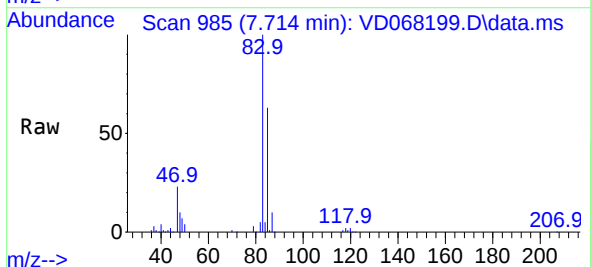
Manual Integrations  
APPROVED

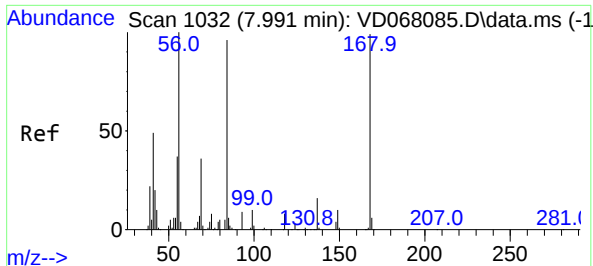
MMDadoda  
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#30  
Chloroform  
Concen: 21.68 ug/l  
RT: 7.714 min Scan# 985  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

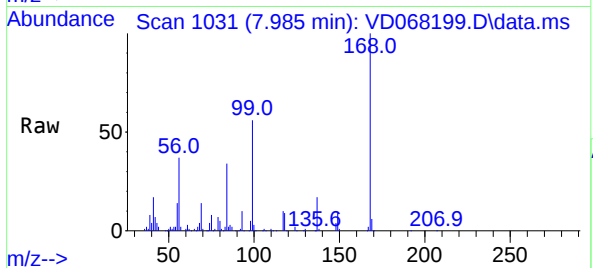
Tgt Ion: 83 Resp: 159809  
Ion Ratio Lower Upper  
83 100  
85 63.2 53.4 80.0





#31  
Cyclohexane  
Concen: 20.11 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

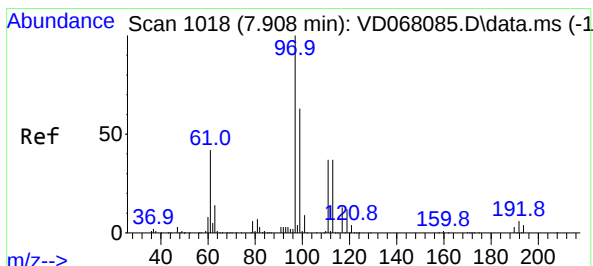
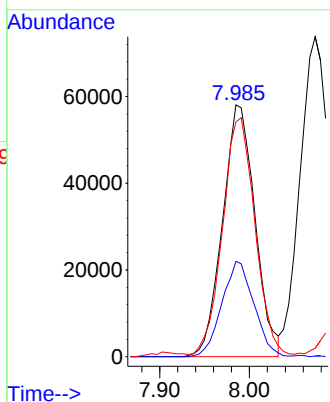
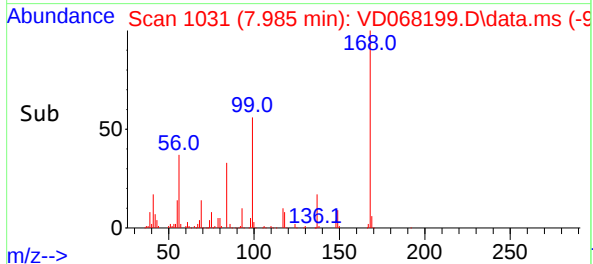
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



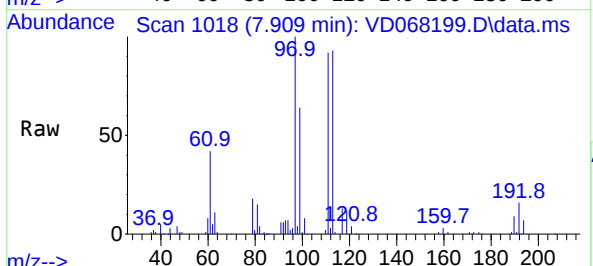
Tgt Ion: 56 Resp: 145797  
Ion Ratio Lower Upper  
56 100  
69 37.9 30.1 45.1  
84 92.0 82.1 123.1

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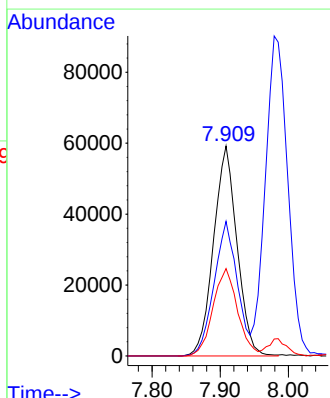
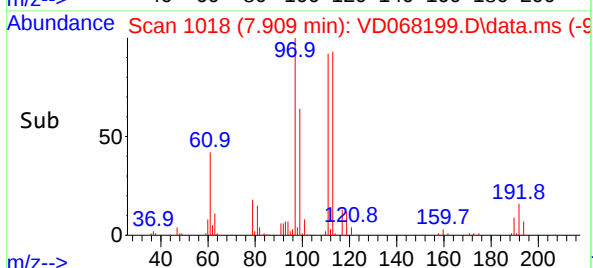
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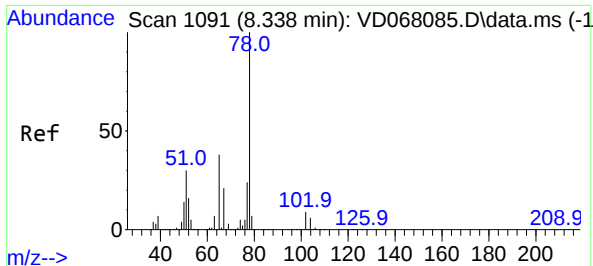


#32  
1,1,1-Trichloroethane  
Concen: 21.38 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



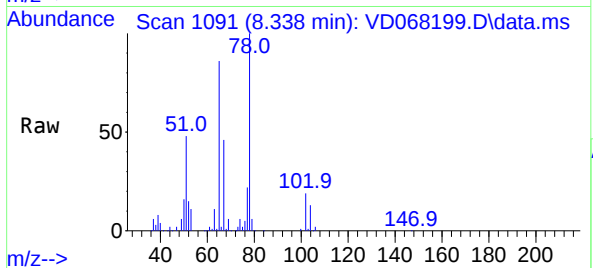
Tgt Ion: 97 Resp: 142028  
Ion Ratio Lower Upper  
97 100  
99 63.4 52.1 78.1  
61 43.4 30.1 45.1





#33  
1,2-Dichloroethane-d4  
Concen: 47.83 ug/l  
RT: 8.338 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

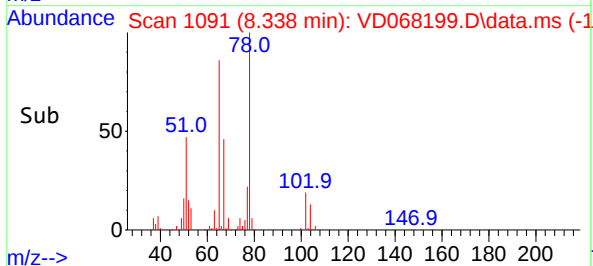
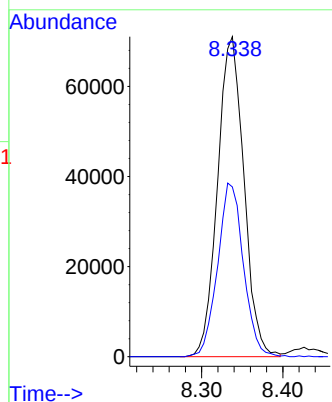
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



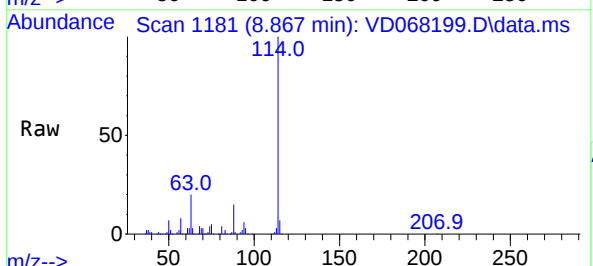
Tgt Ion: 65 Resp: 160163  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 105.0

Manual Integrations  
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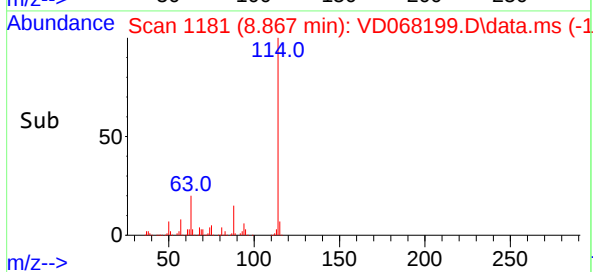
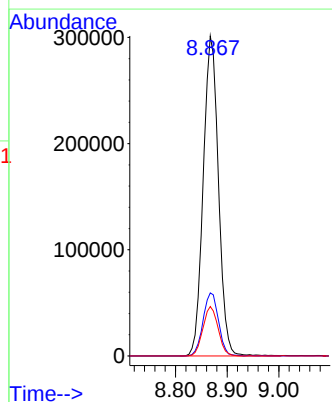
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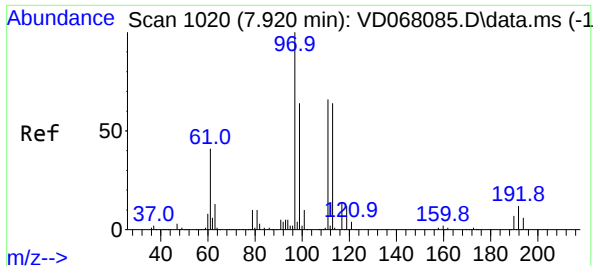


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

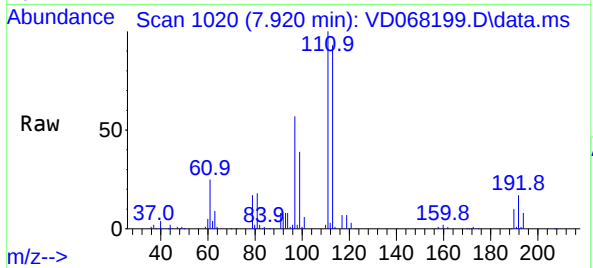


Tgt Ion: 114 Resp: 616331  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 34.8  
88 15.4 0.0 31.6

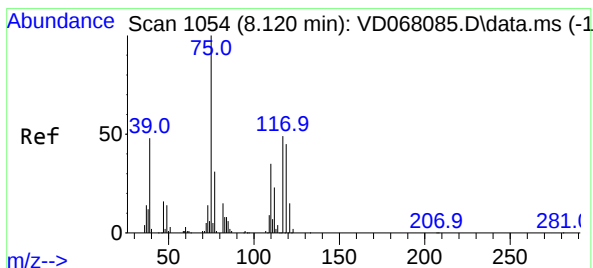
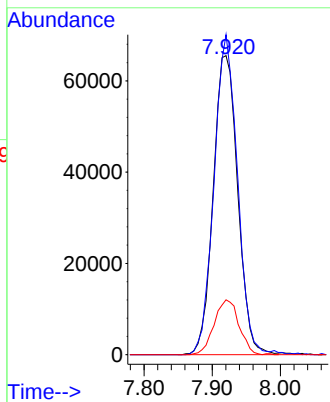
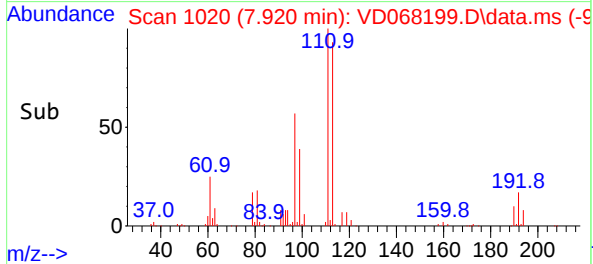




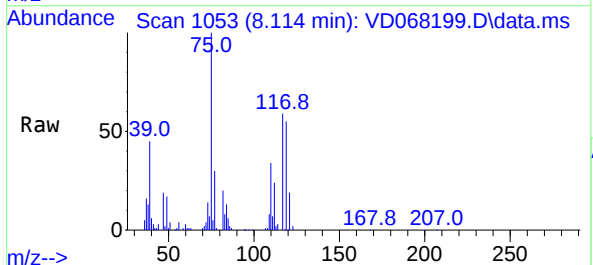
#35  
Dibromofluoromethane  
Concen: 48.15 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



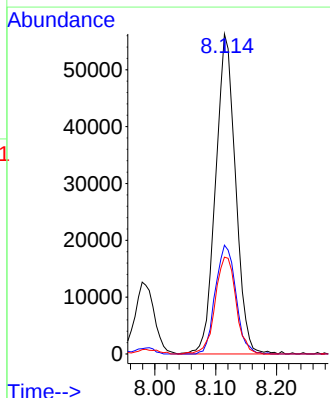
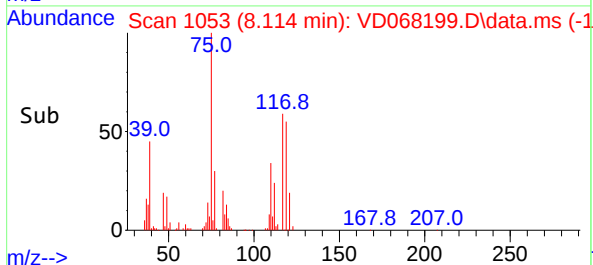
Tgt Ion:113 Resp: 164060  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.4 122.0  
192 18.5 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 20.60 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



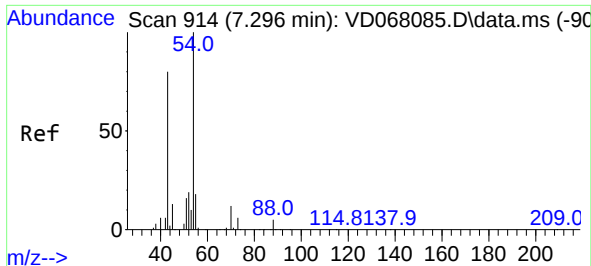
Tgt Ion: 75 Resp: 128042  
Ion Ratio Lower Upper  
75 100  
110 34.9 19.4 58.2  
77 31.7 25.3 37.9



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

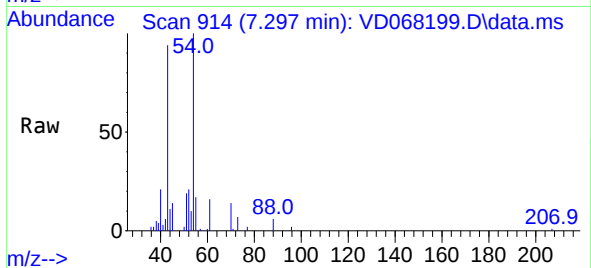
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#37  
Ethyl Acetate  
Concen: 20.72 ug/l  
RT: 7.297 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

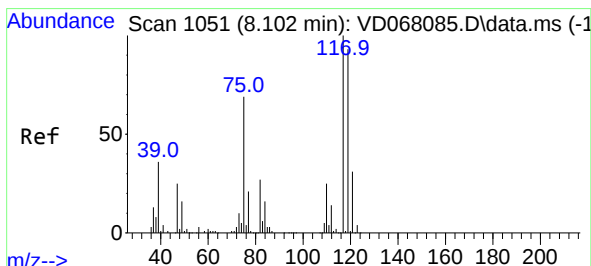
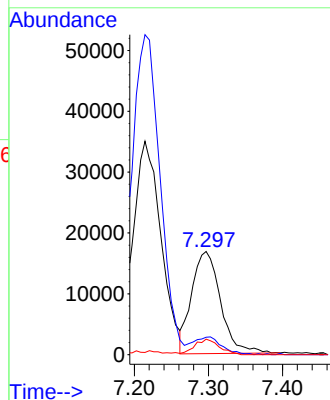
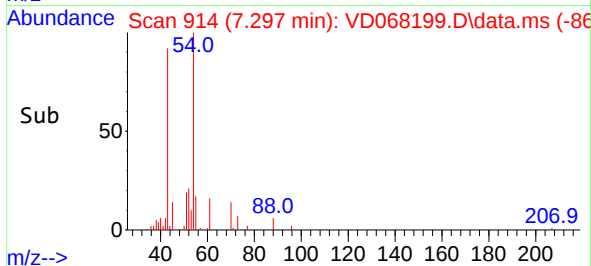
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



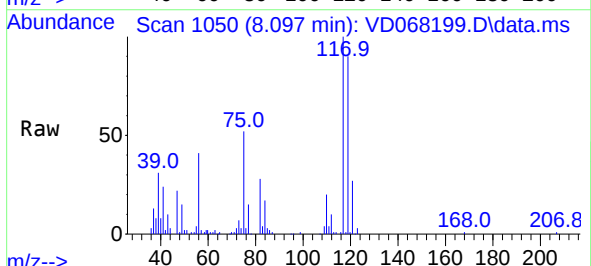
Tgt Ion: 43 Resp: 45546  
Ion Ratio Lower Upper  
43 100  
61 16.1 12.9 19.3  
70 12.8 11.0 16.6

Manual Integrations  
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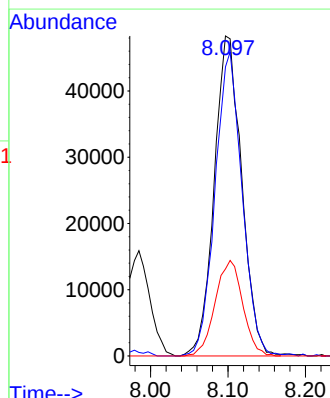
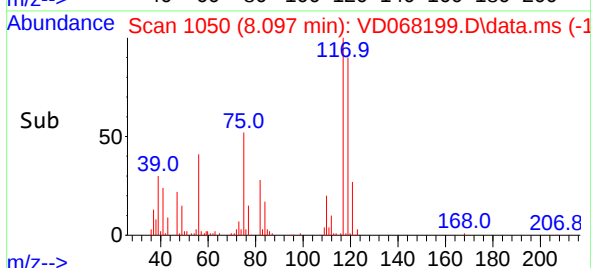
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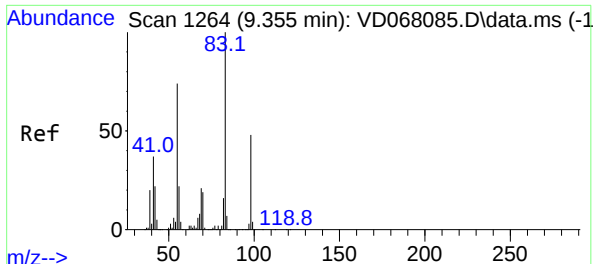


#38  
Carbon Tetrachloride  
Concen: 20.41 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



Tgt Ion: 117 Resp: 118718  
Ion Ratio Lower Upper  
117 100  
119 90.4 77.3 115.9  
121 27.2 24.7 37.1





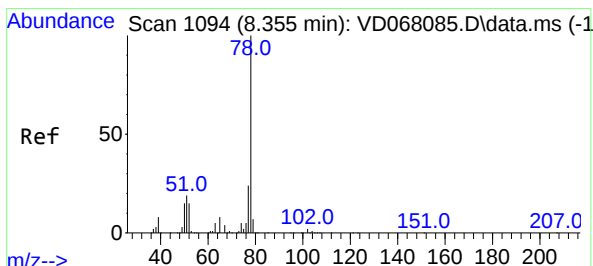
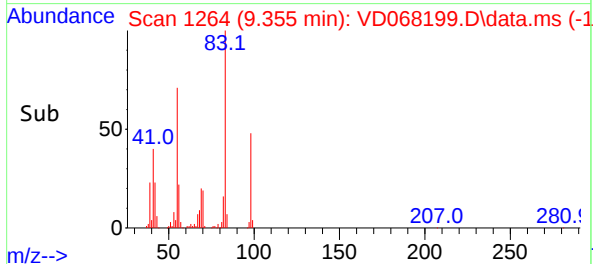
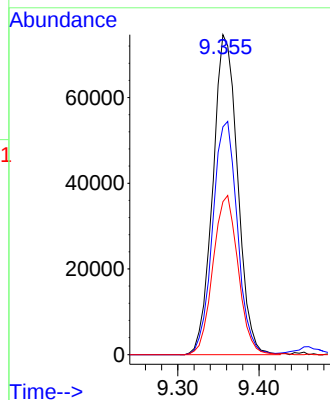
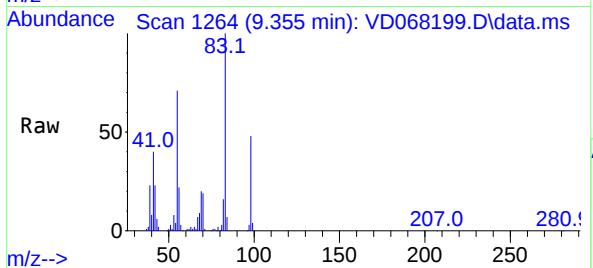
#39  
Methylcyclohexane  
Concen: 19.50 ug/l  
RT: 9.355 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 83 Resp: 158465  
Ion Ratio Lower Upper  
83 100  
55 71.2 55.2 82.8  
98 47.8 39.1 58.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

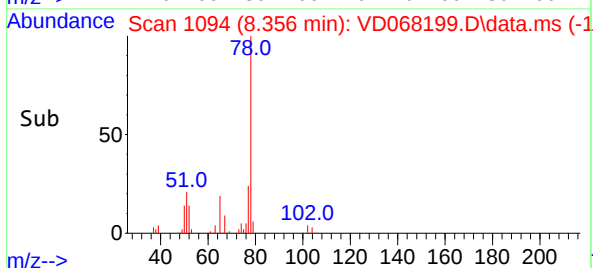
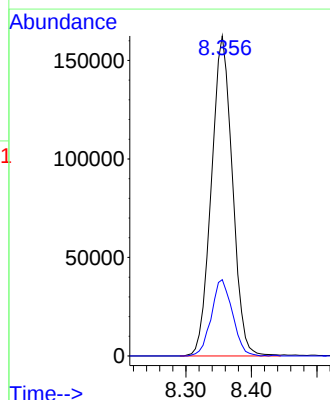
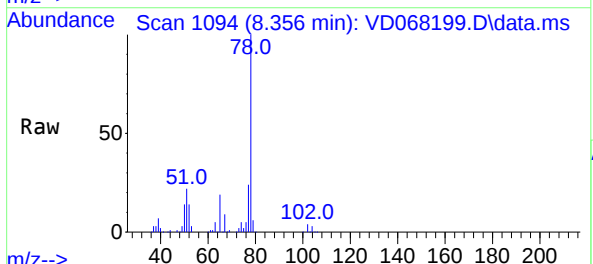
Manual Integrations  
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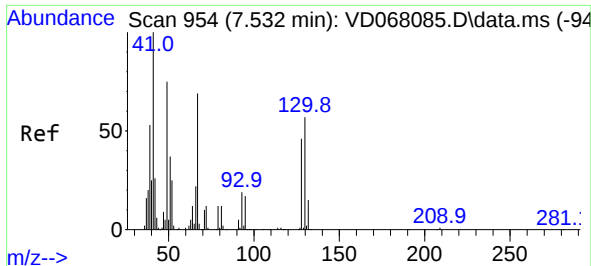
MMDadoda  
1/28/2021 2:12:05 PM



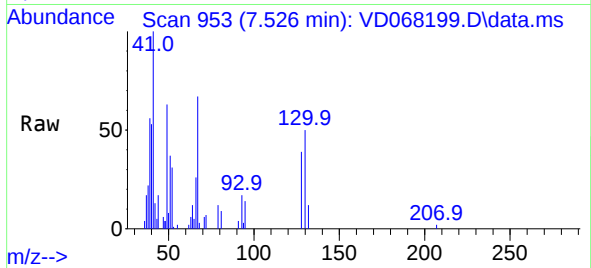
#40  
Benzene  
Concen: 20.78 ug/l  
RT: 8.356 min Scan# 1094  
Delta R.T. 0.001 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 78 Resp: 361102  
Ion Ratio Lower Upper  
78 100  
77 23.8 17.8 26.6



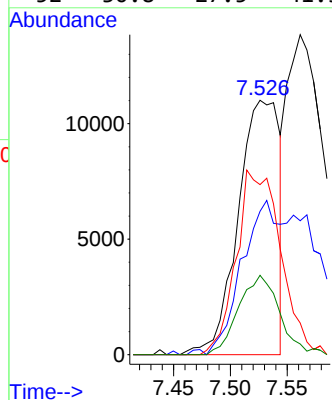


#41  
Methacrylonitrile  
Concen: 21.09 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



Tgt Ion: 41 Resp: 27986

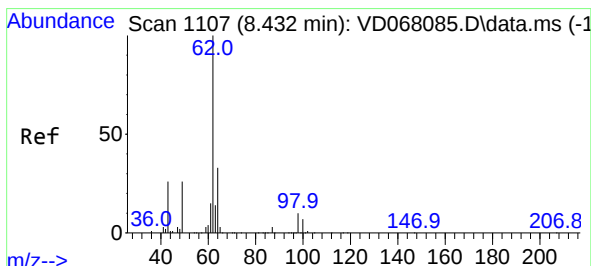
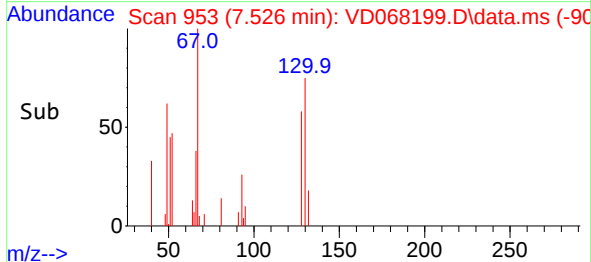
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.6  | 45.2  | 67.8  |
| 67  | 77.2  | 67.4  | 101.2 |
| 52  | 30.8  | 27.5  | 41.3  |



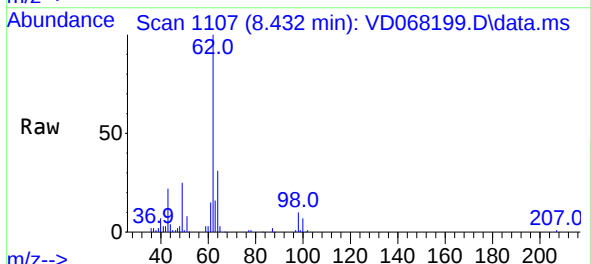
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

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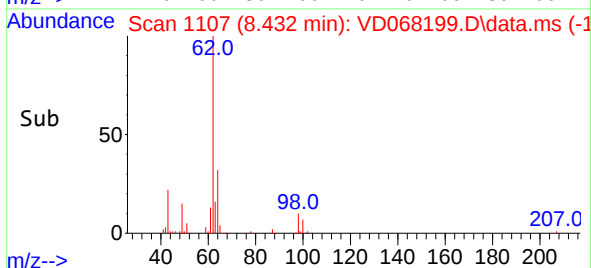
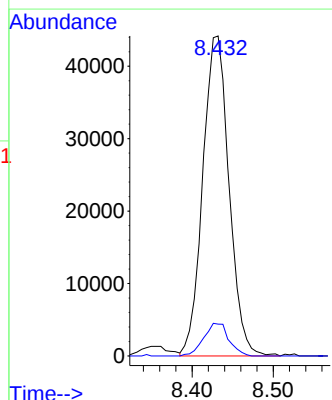


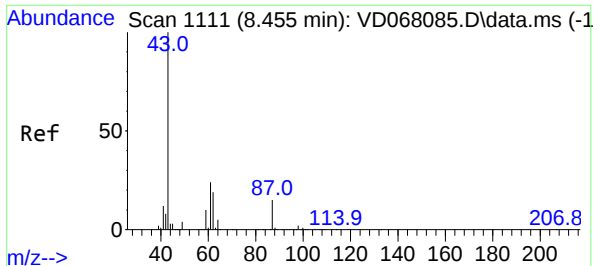
#42  
1,2-Dichloroethane  
Concen: 21.39 ug/l  
RT: 8.432 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



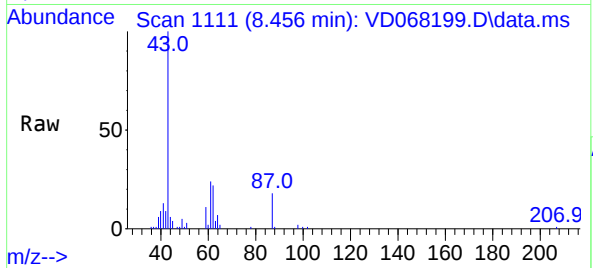
Tgt Ion: 62 Resp: 99309

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.8   | 0.0   | 21.8  |

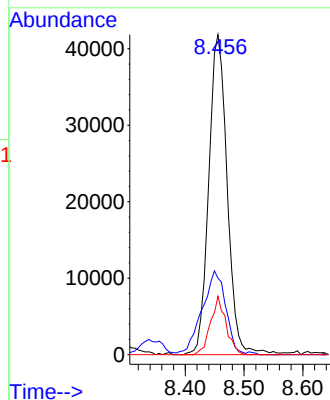
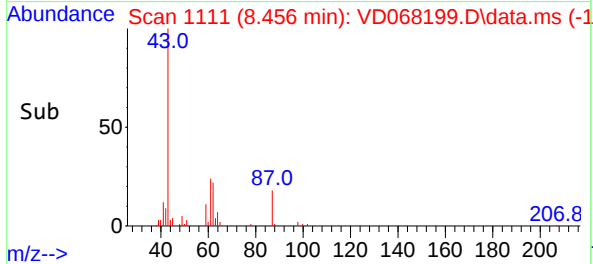




#43  
Isopropyl Acetate  
Concen: 19.95 ug/l  
RT: 8.456 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



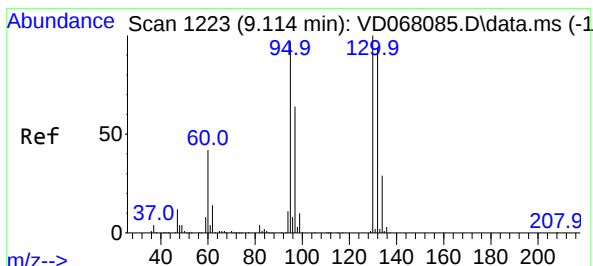
Tgt Ion: 43 Resp: 91419  
Ion Ratio Lower Upper  
43 100  
61 32.5 28.7 43.1  
87 15.2 13.9 20.9



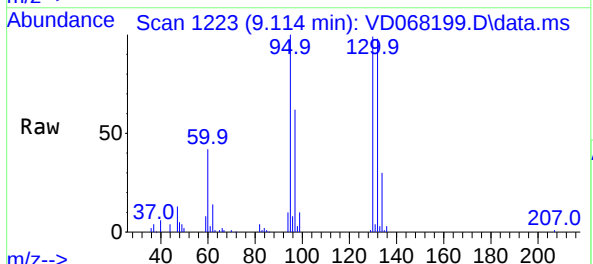
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

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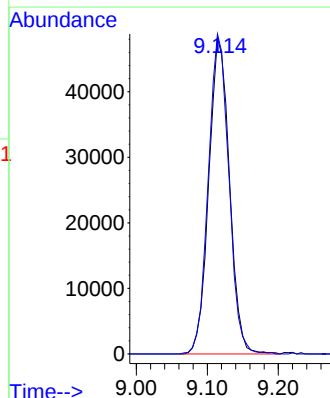
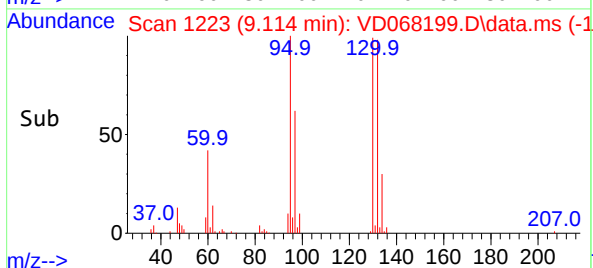
MMDadoda  
1/28/2021 2:12:05 PM

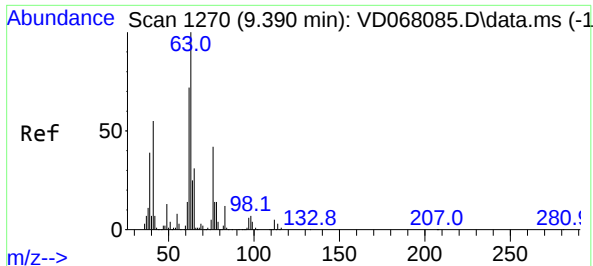


#44  
Trichloroethene  
Concen: 20.39 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



Tgt Ion:130 Resp: 97328  
Ion Ratio Lower Upper  
130 100  
95 101.1 0.0 191.2





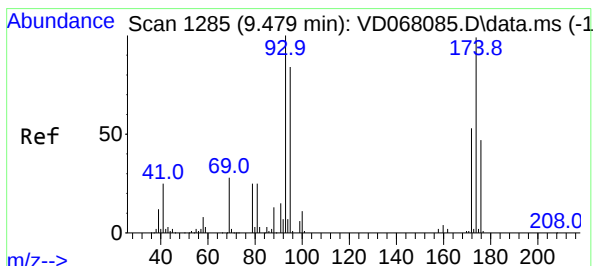
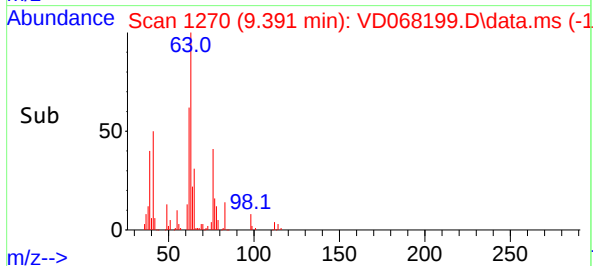
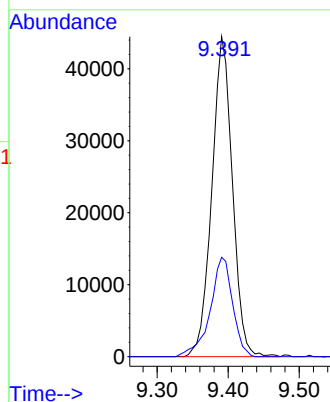
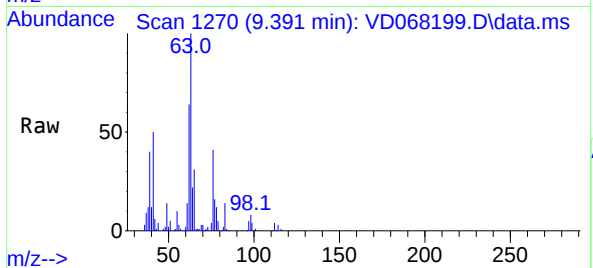
#45  
1,2-Dichloropropane  
Concen: 20.98 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 63 Resp: 89287  
Ion Ratio Lower Upper  
63 100  
65 31.1 26.6 40.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

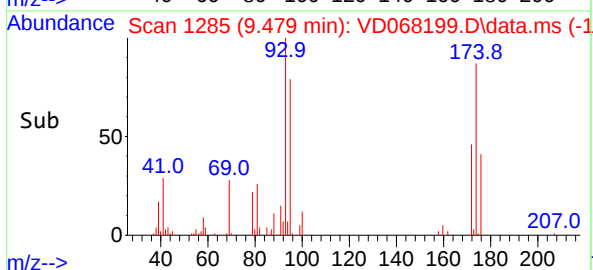
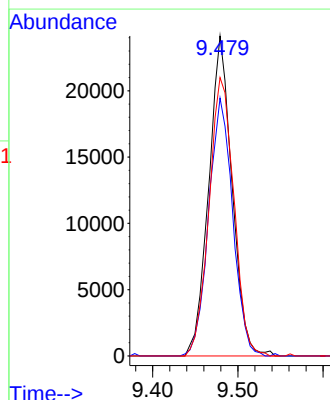
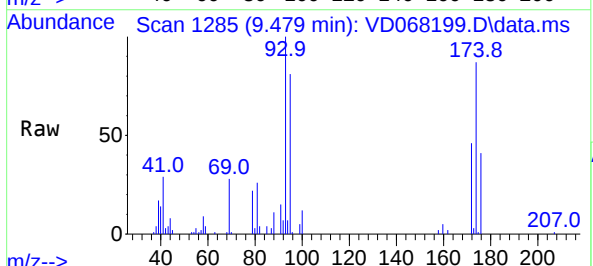
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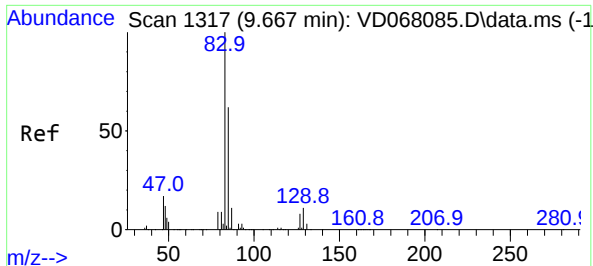
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#46  
Dibromomethane  
Concen: 21.29 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

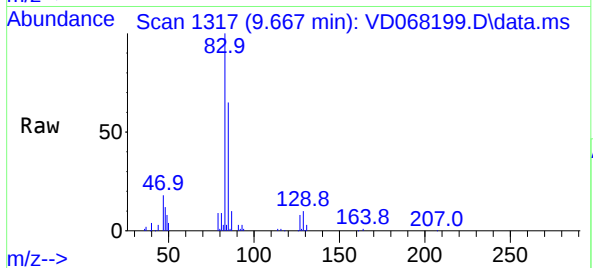
Tgt Ion: 93 Resp: 45907  
Ion Ratio Lower Upper  
93 100  
95 83.0 67.3 100.9  
174 92.3 84.6 127.0





#47  
Bromodichloromethane  
Concen: 21.24 ug/l  
RT: 9.667 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

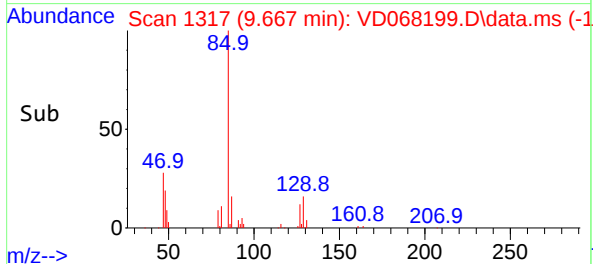
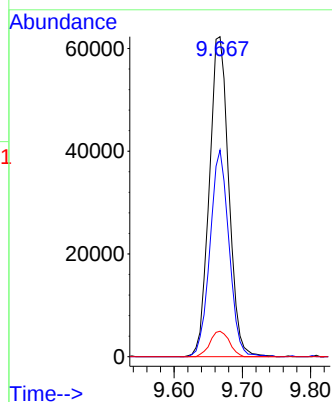
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



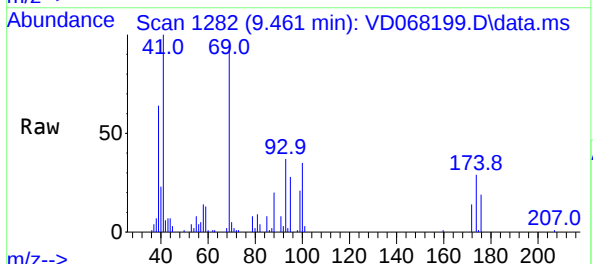
Tgt Ion: 83 Resp: 123572  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.6 77.4  
127 8.0 7.4 11.0

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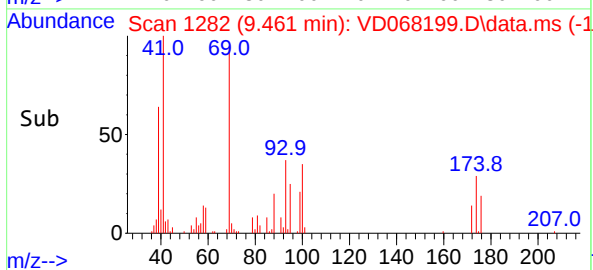
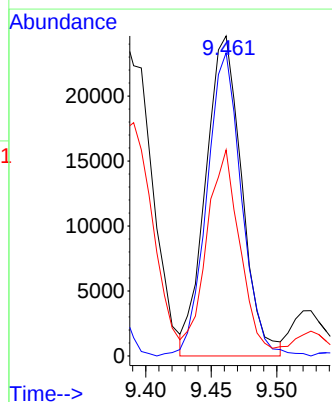
MMDadoda  
1/28/2021 2:12:05 PM

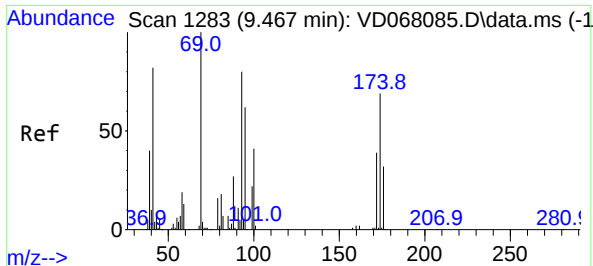


#48  
Methyl methacrylate  
Concen: 20.73 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



Tgt Ion: 41 Resp: 47273  
Ion Ratio Lower Upper  
41 100  
69 91.0 77.1 115.7  
39 54.5 41.5 62.3





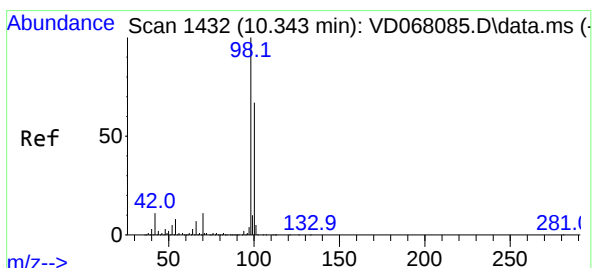
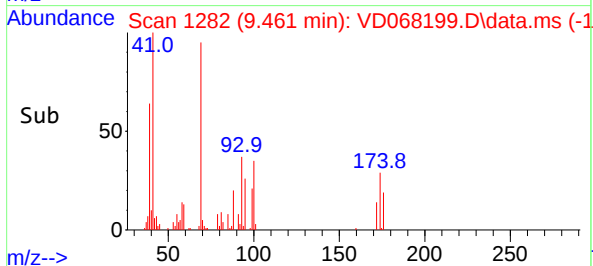
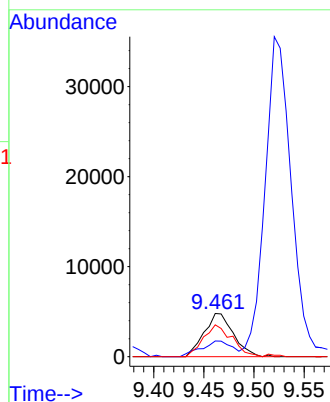
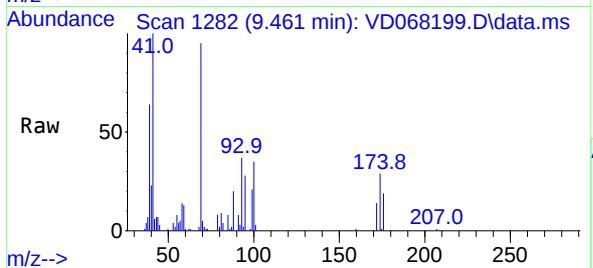
#49  
1,4-Dioxane  
Concen: 384.97 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 88 Resp: 9728  
Ion Ratio Lower Upper  
88 100  
43 38.0 22.1 33.1#  
58 71.8 46.7 70.1#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

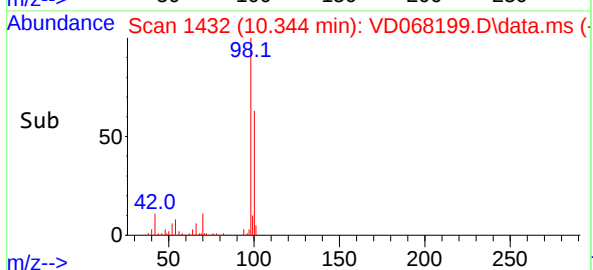
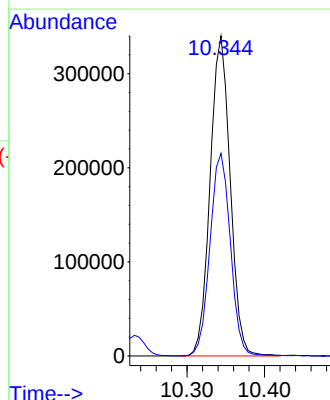
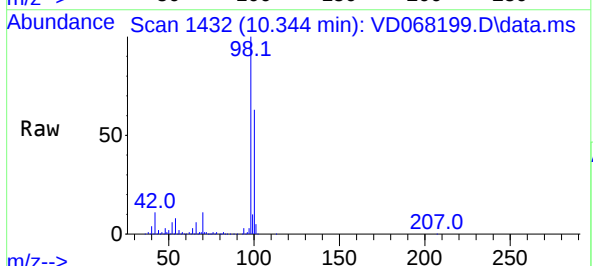
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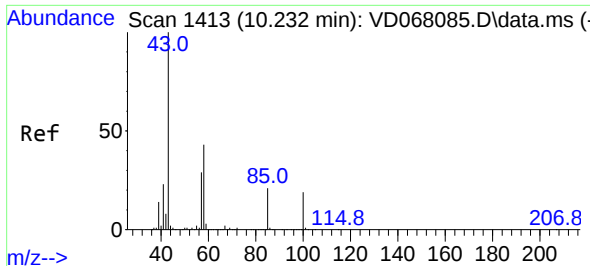
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#50  
Toluene-d8  
Concen: 44.90 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 98 Resp: 612038  
Ion Ratio Lower Upper  
98 100  
100 64.3 53.0 79.4





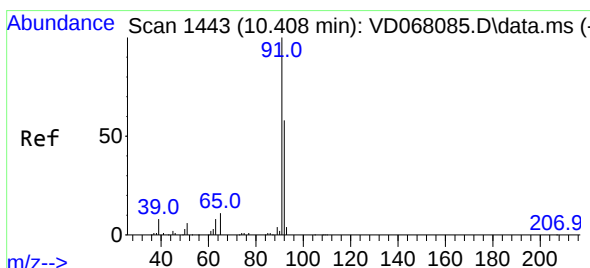
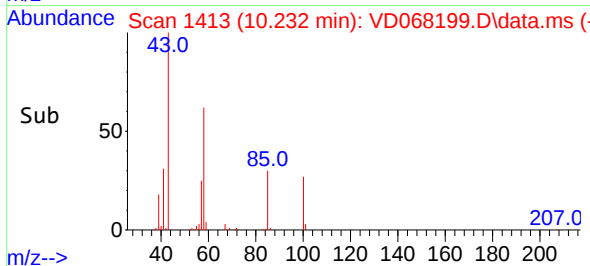
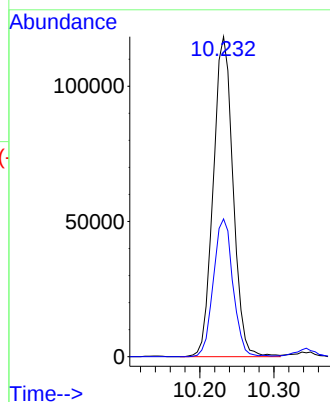
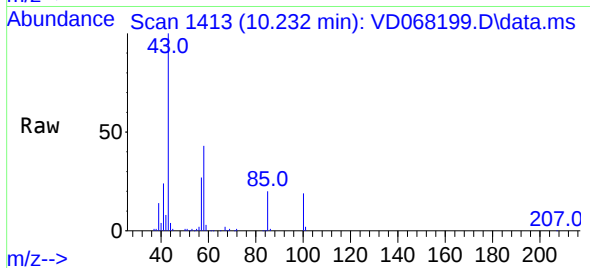
#51  
4-Methyl-2-Pentanone  
Concen: 102.94 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 43 Resp: 219250  
Ion Ratio Lower Upper  
43 100  
58 42.7 36.1 54.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

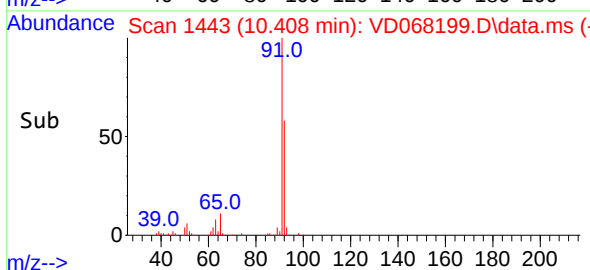
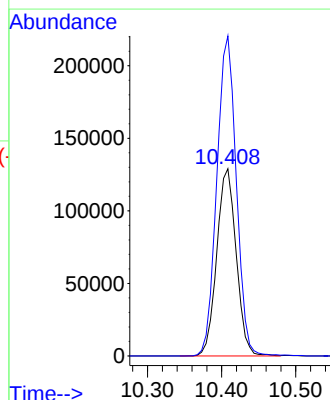
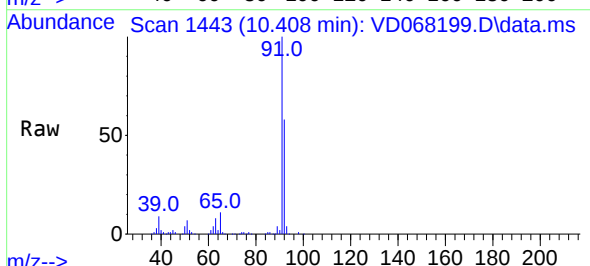
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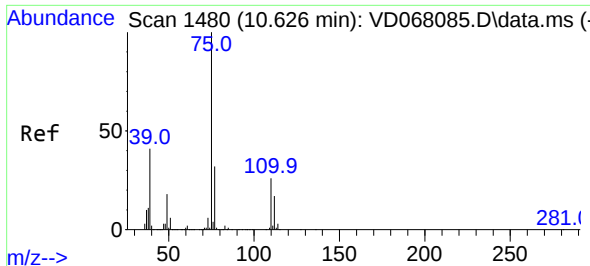
MMDadoda  
1/28/2021 2:12:05 PM



#52  
Toluene  
Concen: 20.75 ug/l  
RT: 10.408 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 92 Resp: 234987  
Ion Ratio Lower Upper  
92 100  
91 171.8 134.1 201.1





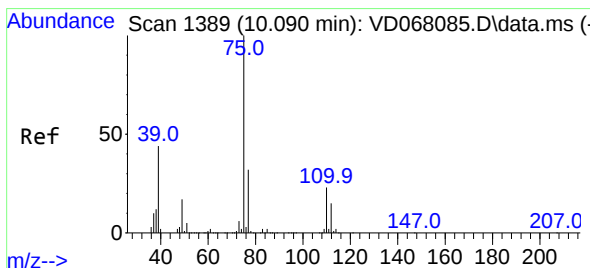
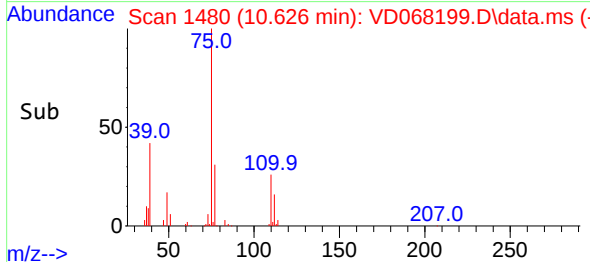
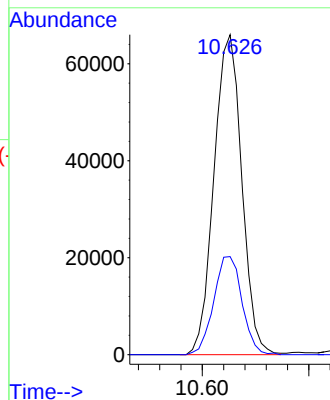
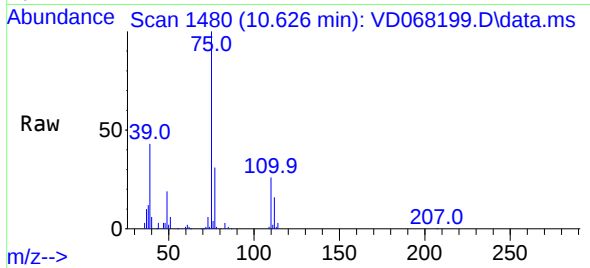
#53  
t-1,3-Dichloropropene  
Concen: 20.29 ug/l  
RT: 10.626 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 75 Resp: 119492  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.0 37.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

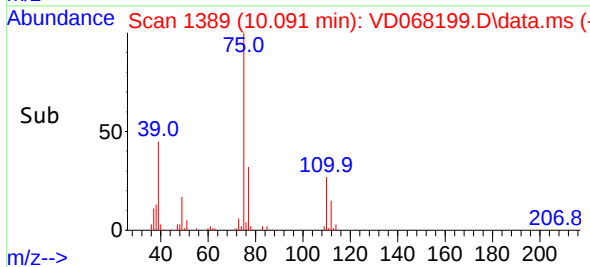
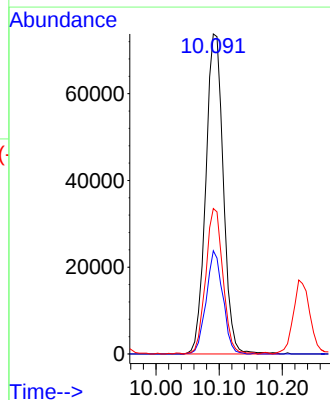
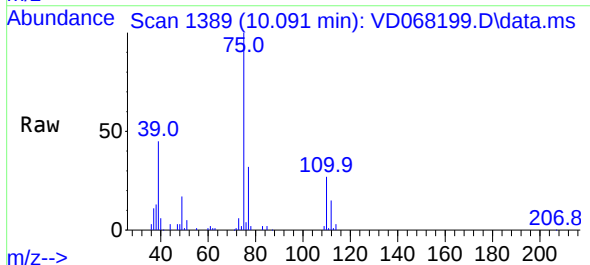
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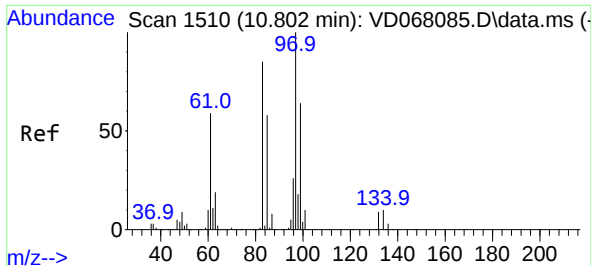
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#54  
cis-1,3-Dichloropropene  
Concen: 20.33 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 75 Resp: 142510  
Ion Ratio Lower Upper  
75 100  
77 32.3 24.6 37.0  
39 45.2 31.4 47.0





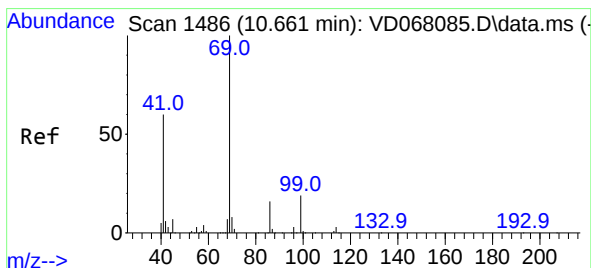
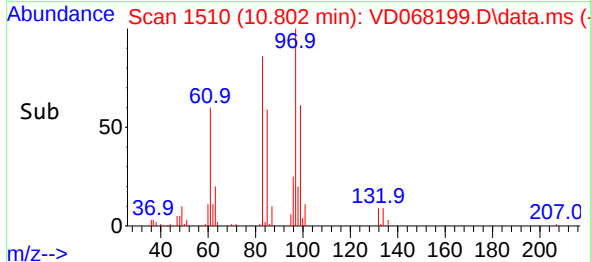
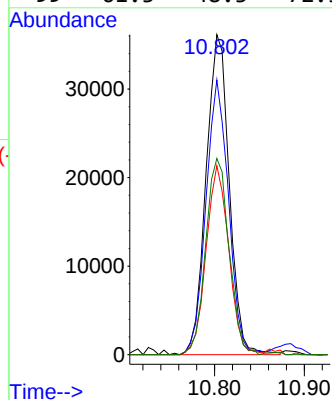
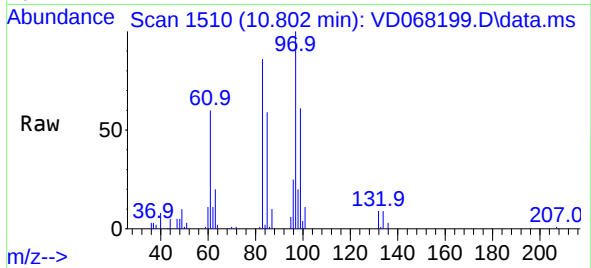
#55  
1,1,2-Trichloroethane  
Concen: 21.25 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 64930 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.9  | 61.8  | 92.6  |
| 85       | 59.1  | 42.2  | 63.2  |
| 99       | 61.3  | 48.3  | 72.5  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

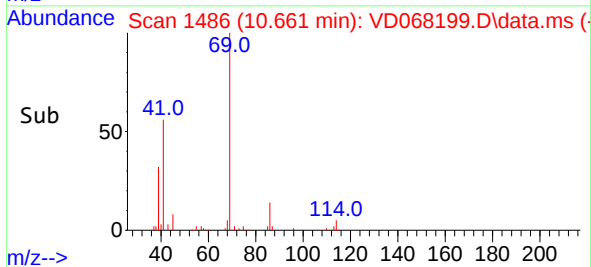
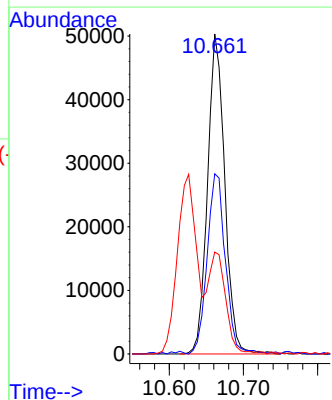
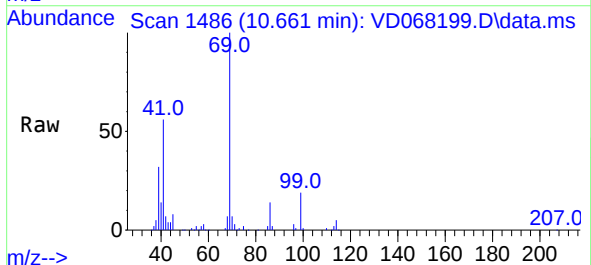
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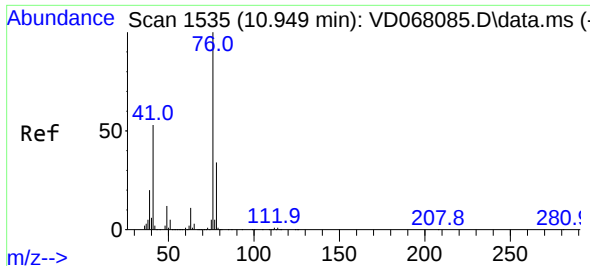
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#56  
Ethyl methacrylate  
Concen: 19.99 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 81370 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 59.9  | 44.9  | 67.3  |
| 39       | 29.5  | 21.9  | 32.9  |





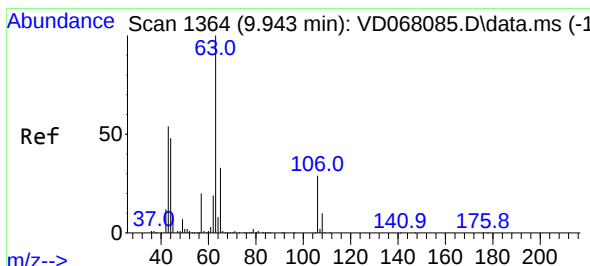
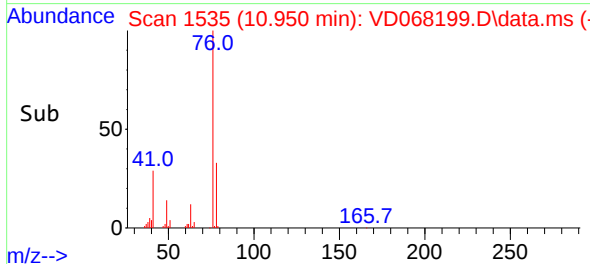
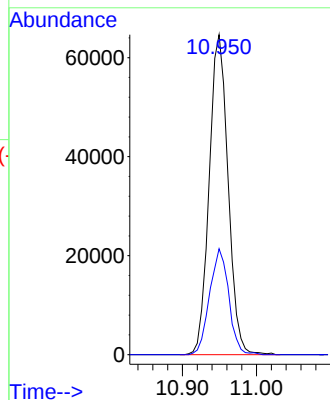
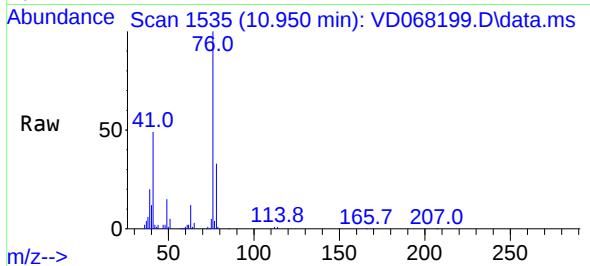
#57  
1,3-Dichloropropane  
Concen: 21.22 ug/l  
RT: 10.950 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 76 Resp: 114416  
Ion Ratio Lower Upper  
76 100  
78 33.6 25.6 38.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

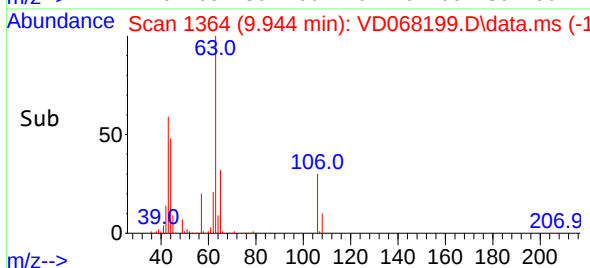
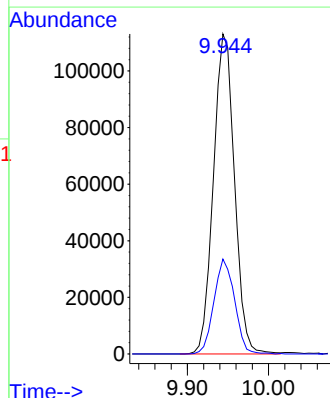
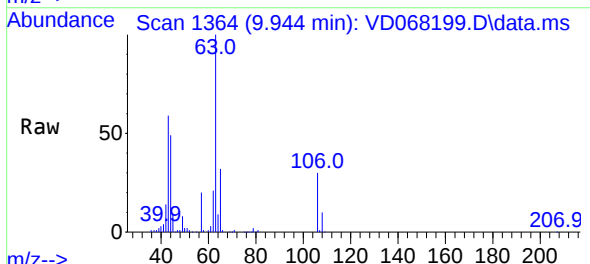
Manual Integrations  
APPROVED

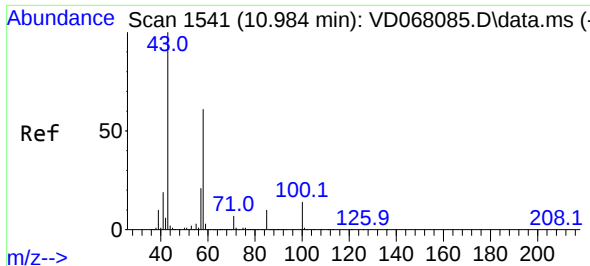
MMDadoda  
1/28/2021 2:12:05 PM



#58  
2-Chloroethyl Vinyl ether  
Concen: 108.66 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

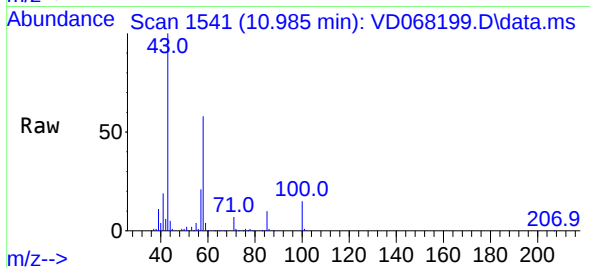
Tgt Ion: 63 Resp: 204124  
Ion Ratio Lower Upper  
63 100  
106 29.0 27.0 40.4





#59  
2-Hexanone  
Concen: 100.55 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

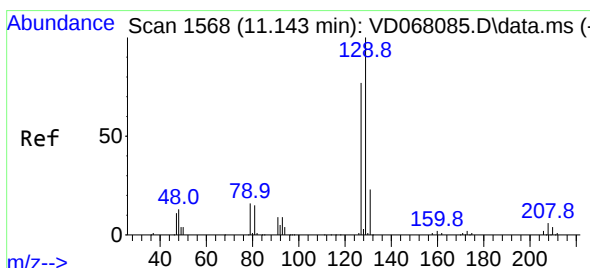
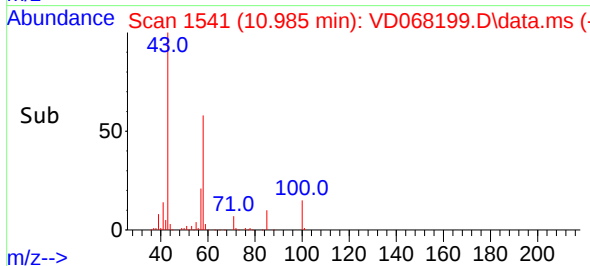
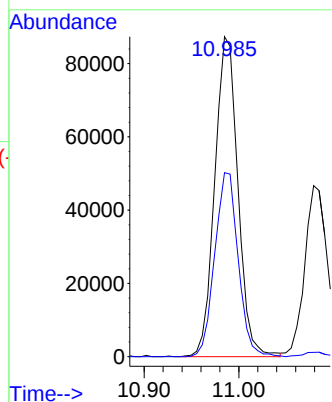
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



Tgt Ion: 43 Resp: 148445  
Ion Ratio Lower Upper  
43 100  
58 58.2 31.0 93.0

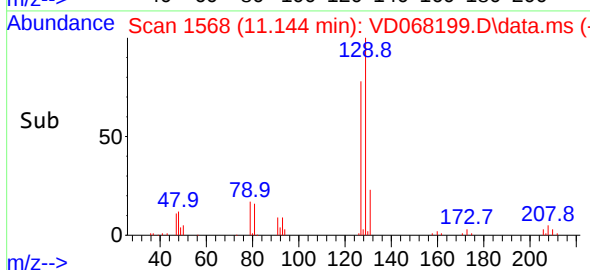
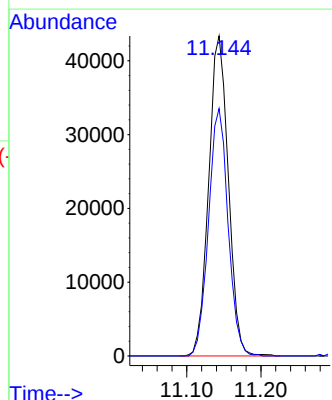
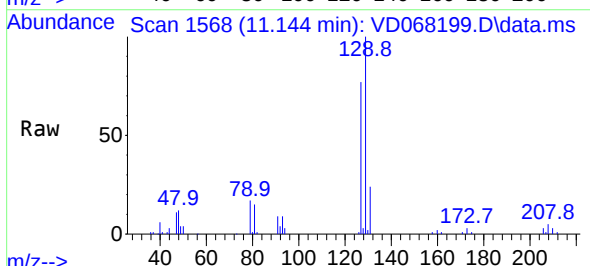
Manual Integrations  
APPROVED

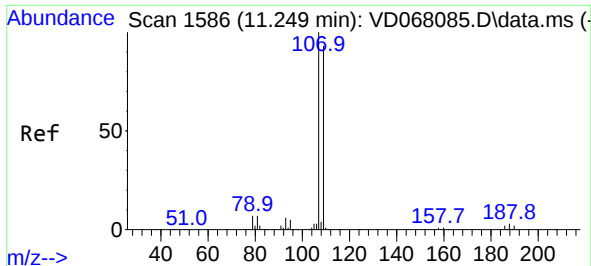
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#60  
Dibromochloromethane  
Concen: 20.82 ug/l  
RT: 11.144 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

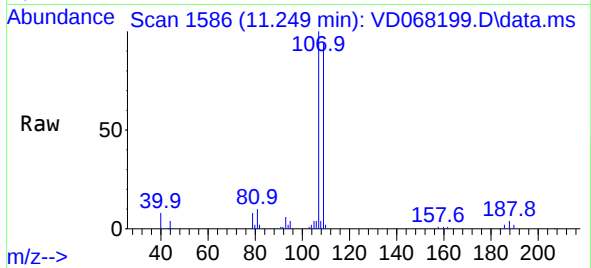
Tgt Ion: 129 Resp: 79791  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.6 116.0





#61  
1,2-Dibromoethane  
Concen: 20.73 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

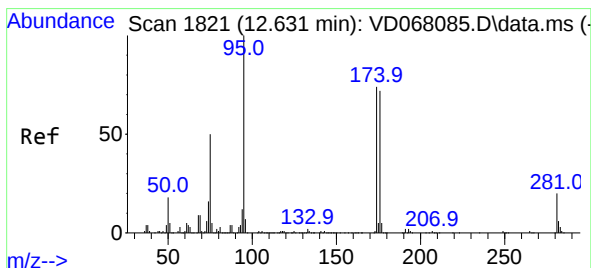
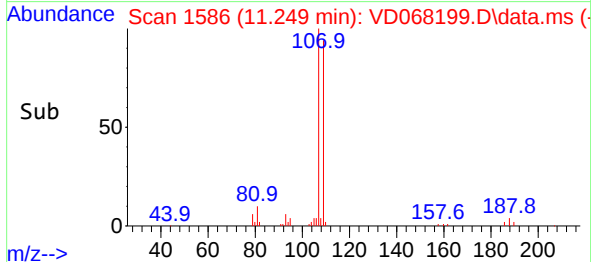
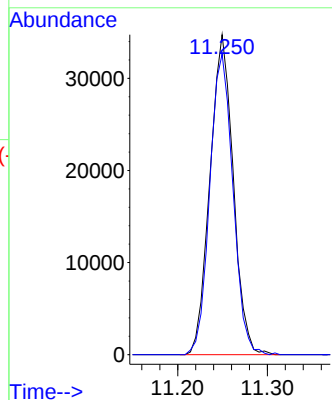
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



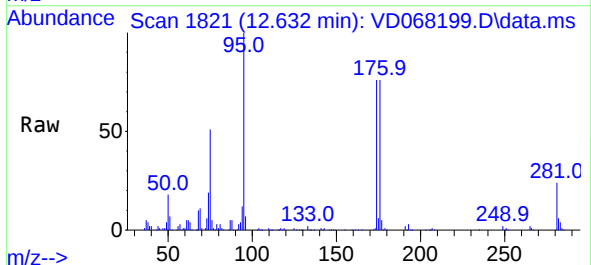
Tgt Ion:107 Resp: 62498  
Ion Ratio Lower Upper  
107 100  
109 93.6 74.8 112.2

Manual Integrations  
APPROVED

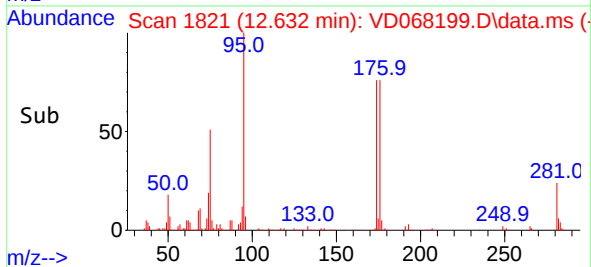
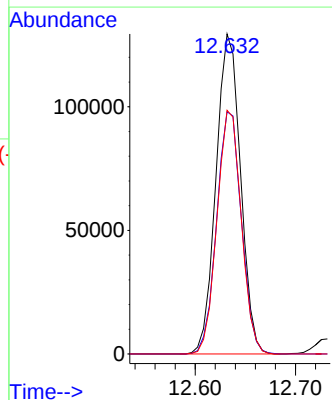
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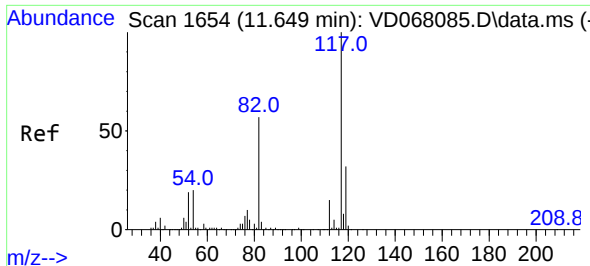


#62  
4-Bromofluorobenzene  
Concen: 44.80 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



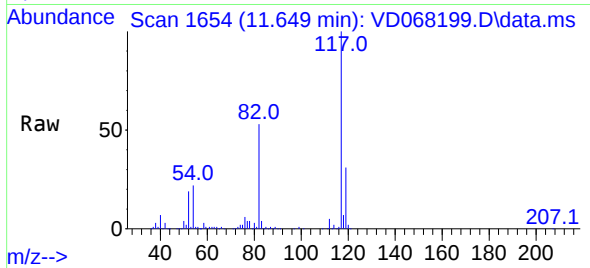
Tgt Ion: 95 Resp: 219912  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 172.4  
176 75.3 0.0 168.4





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.649 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

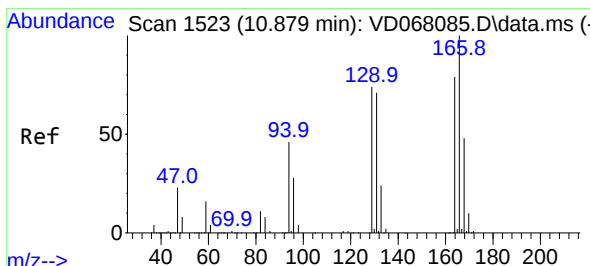
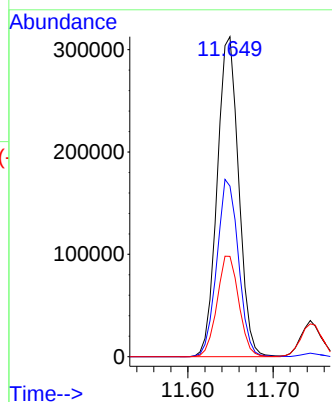
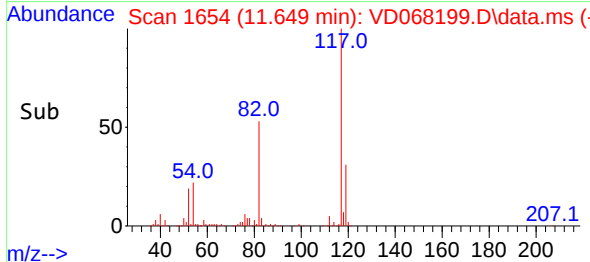
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



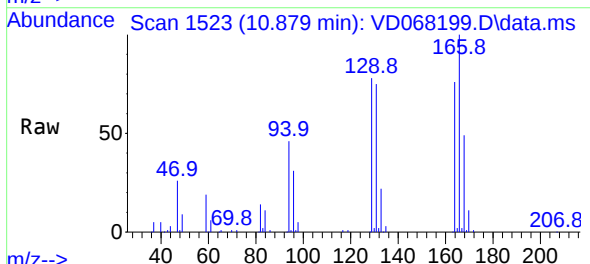
Tgt Ion:117 Resp: 549192  
Ion Ratio Lower Upper  
117 100  
82 53.3 41.4 62.0  
119 31.3 26.1 39.1

Manual Integrations  
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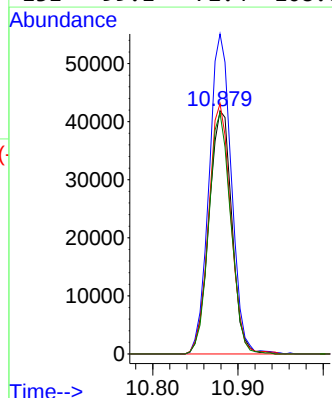
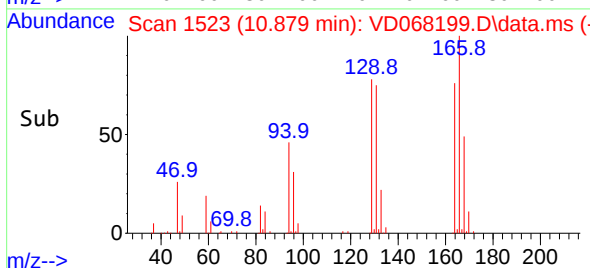
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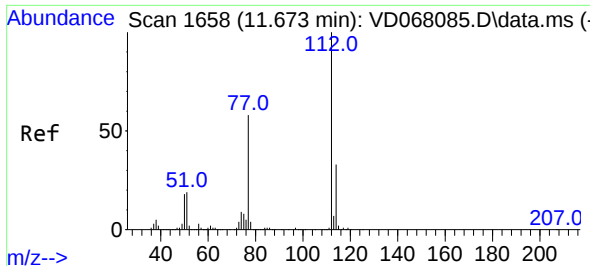


#64  
Tetrachloroethene  
Concen: 20.12 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



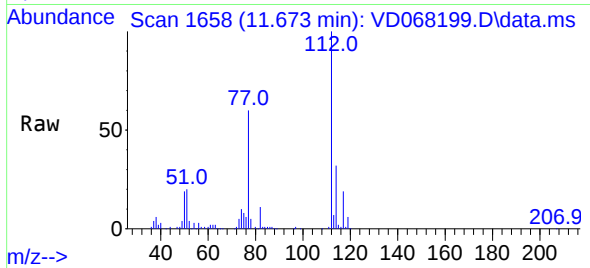
Tgt Ion:164 Resp: 77876  
Ion Ratio Lower Upper  
164 100  
166 131.6 105.5 158.3  
129 102.9 75.6 113.4  
131 99.1 72.4 108.6





#65  
Chlorobenzene  
Concen: 20.88 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

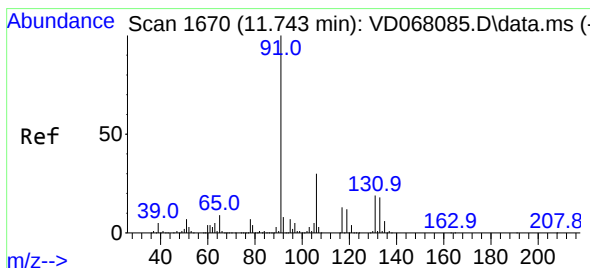
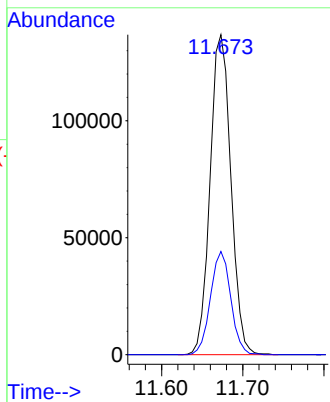
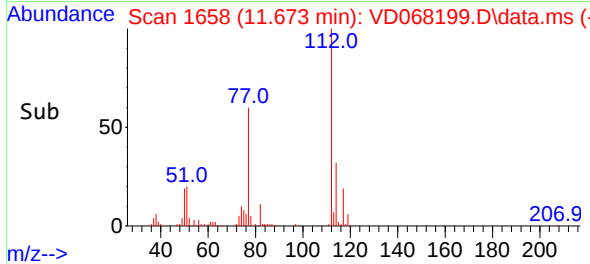
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



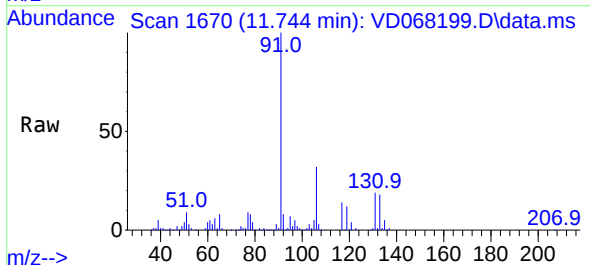
Tgt Ion:112 Resp: 243649  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.7 38.5

Manual Integrations  
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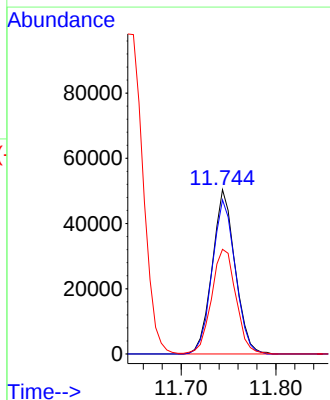
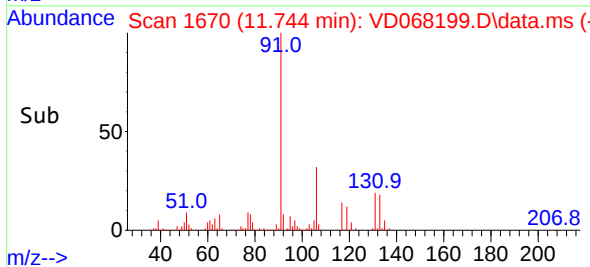
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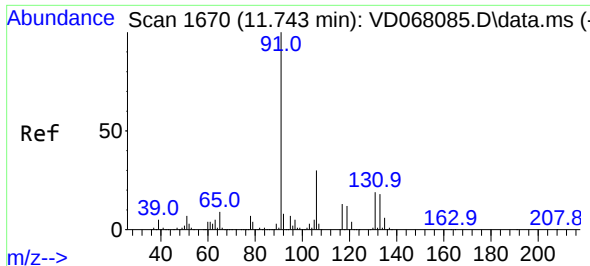


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.58 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



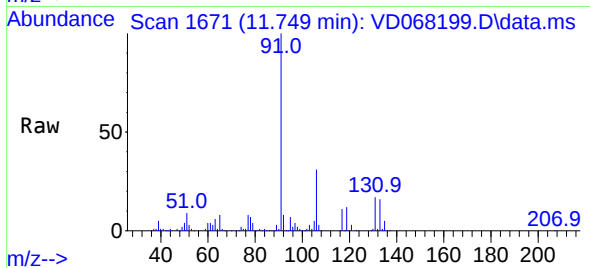
Tgt Ion:131 Resp: 84484  
Ion Ratio Lower Upper  
131 100  
133 95.1 48.1 144.4  
119 68.0 31.6 94.8





#67  
Ethyl Benzene  
Concen: 20.69 ug/l  
RT: 11.749 min Scan# 1671  
Delta R.T. 0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

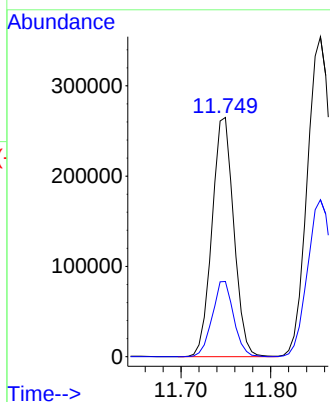
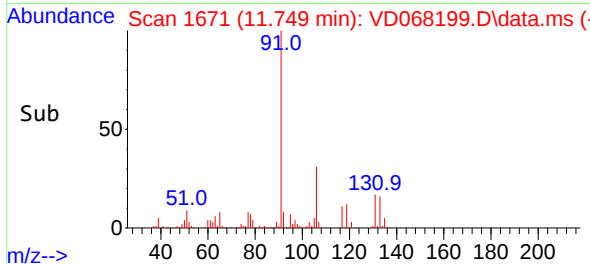
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



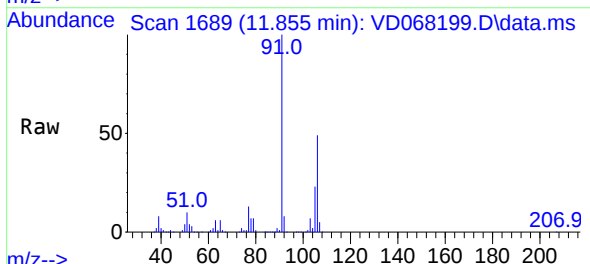
Tgt Ion: 91 Resp: 447135  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.9 38.9

Manual Integrations  
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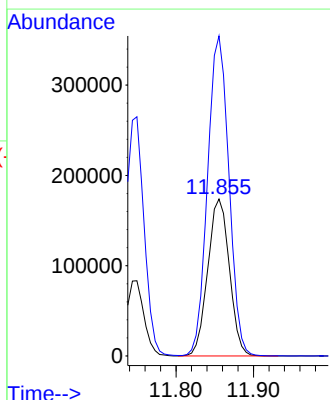
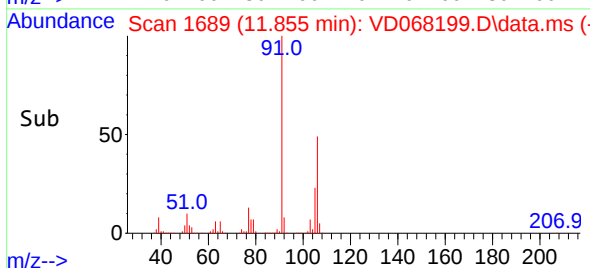
MMDadoda  
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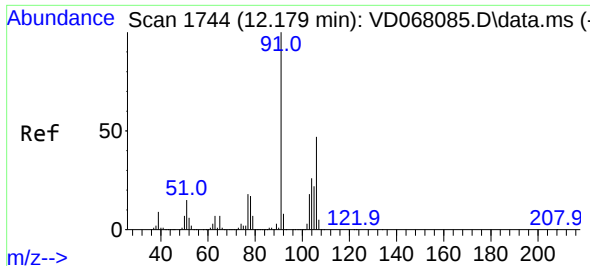


#68  
m/p-Xylenes  
Concen: 41.33 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



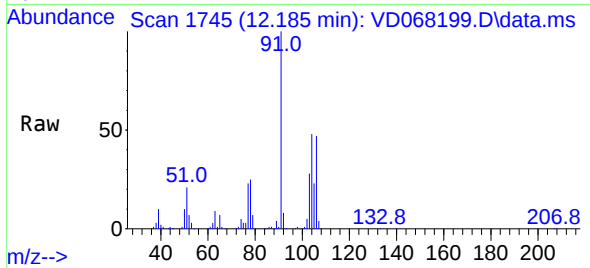
Tgt Ion: 106 Resp: 337104  
Ion Ratio Lower Upper  
106 100  
91 201.4 159.1 238.7





#69  
o-Xylene  
Concen: 20.47 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. 0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

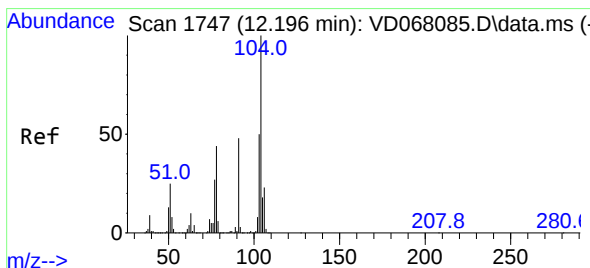
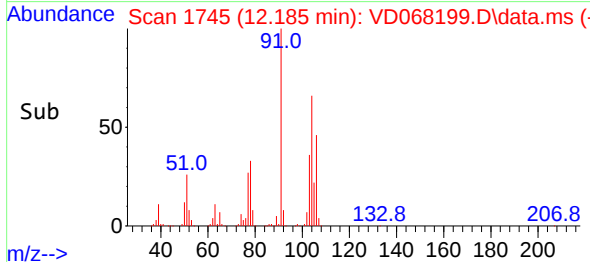
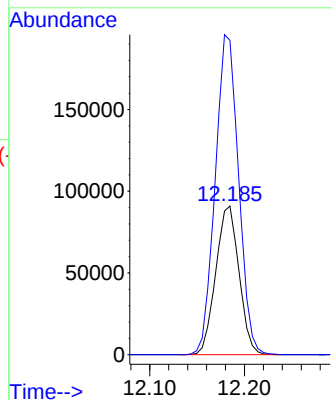
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



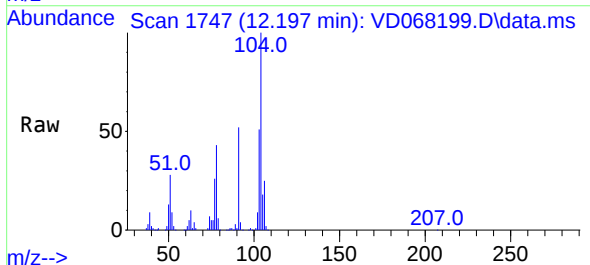
Tgt Ion:106 Resp: 155058  
Ion Ratio Lower Upper  
106 100  
91 216.9 108.7 325.9

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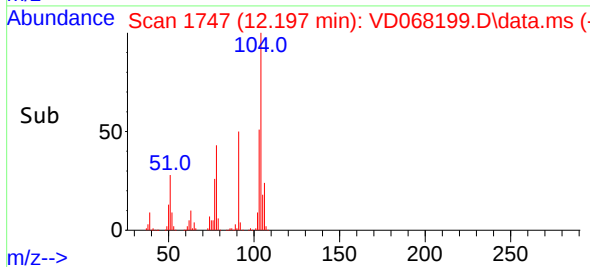
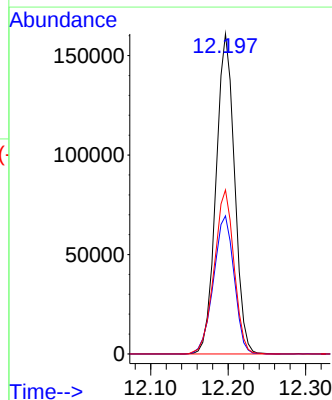
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#70  
Styrene  
Concen: 20.67 ug/l  
RT: 12.197 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



Tgt Ion:104 Resp: 267252  
Ion Ratio Lower Upper  
104 100  
78 47.8 38.2 57.2  
103 54.6 43.1 64.7





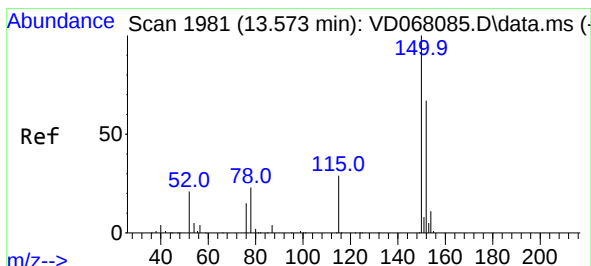
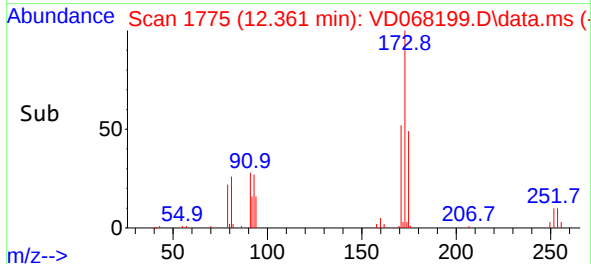
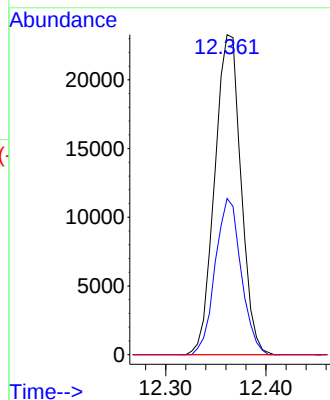
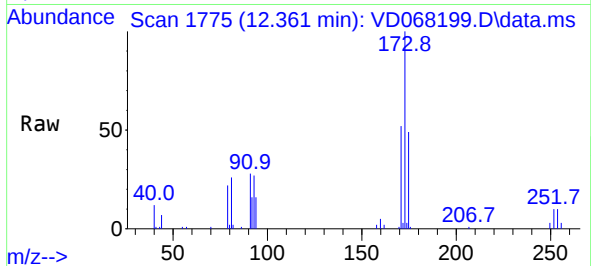
#71  
Bromoform  
Concen: 20.33 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 42301 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.2  | 24.6  | 73.8  |
| 254       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

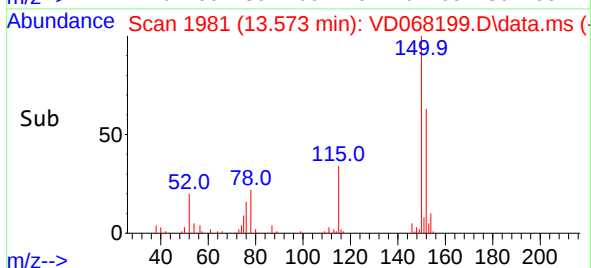
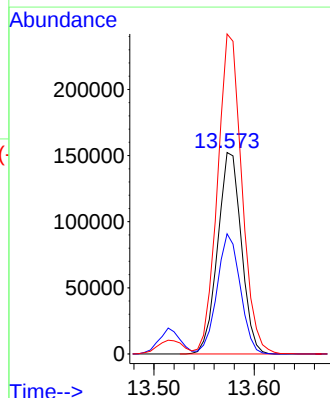
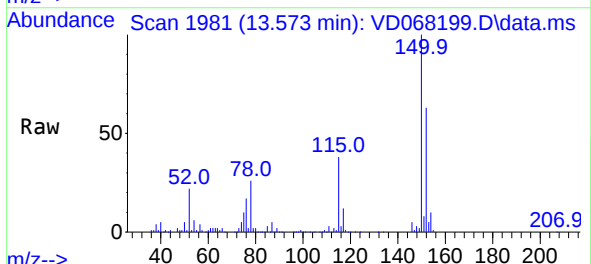
Manual Integrations  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

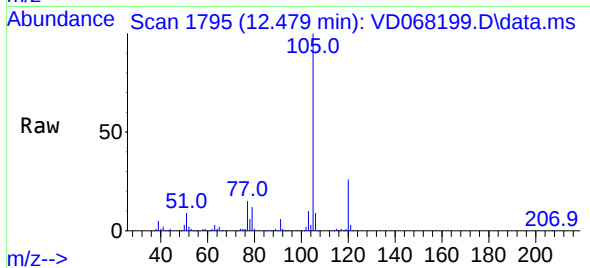
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 249000 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 58.8  | 28.9  | 86.8   |
| 150       | 163.8 | 0.0   | 344.4  |





#73  
Isopropylbenzene  
Concen: 20.53 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

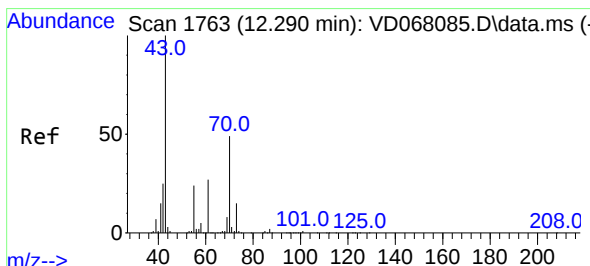
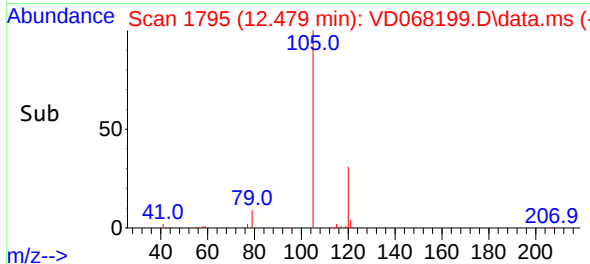
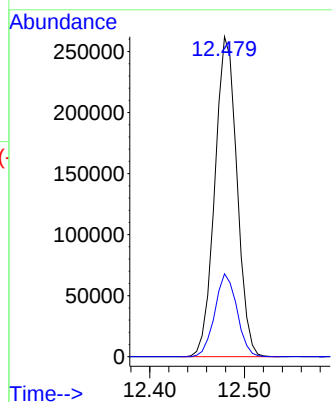
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



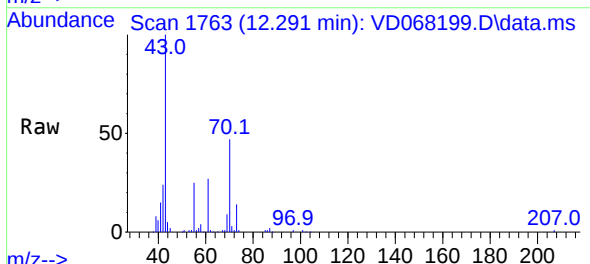
Tgt Ion: 105 Resp: 425273  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.2 39.6

Manual Integrations  
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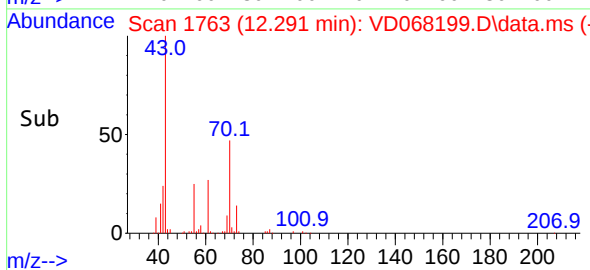
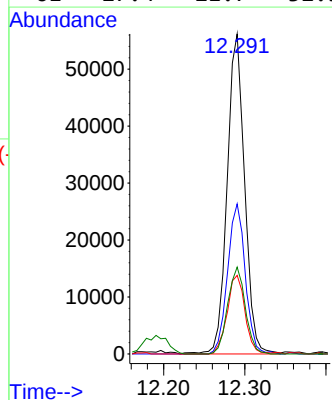
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#74  
N-ethyl acetate  
Concen: 19.51 ug/l  
RT: 12.291 min Scan# 1763  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



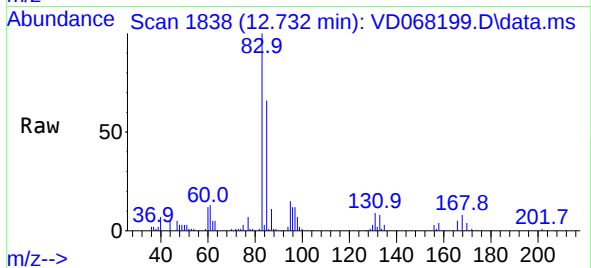
Tgt Ion: 43 Resp: 84030  
Ion Ratio Lower Upper  
43 100  
70 47.6 41.8 62.8  
55 25.3 24.2 36.4  
61 27.4 21.7 32.5





#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.45 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

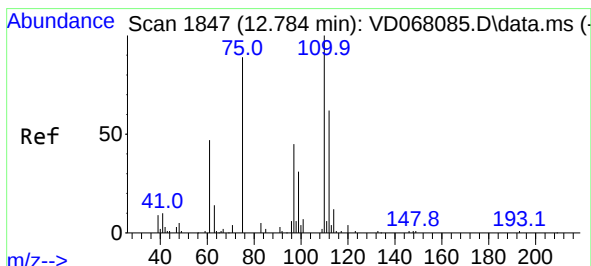
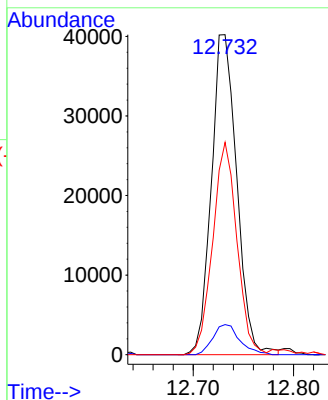
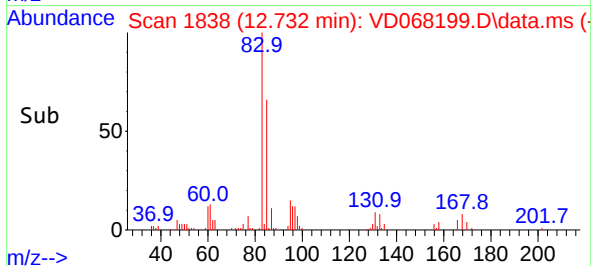
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



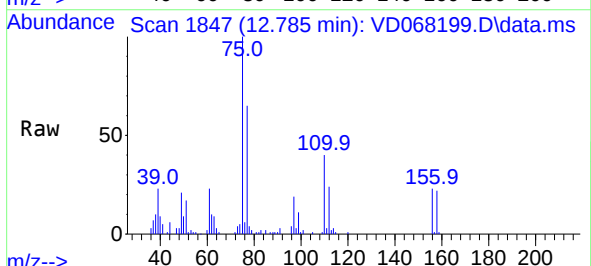
Tgt Ion: 83 Resp: 70674  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.8 17.4  
85 63.1 32.4 97.2

Manual Integrations  
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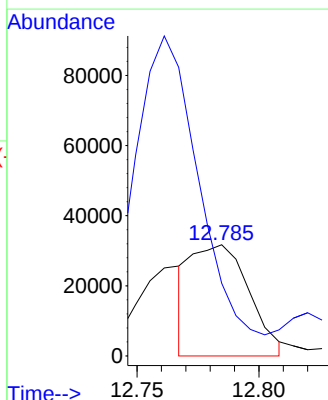
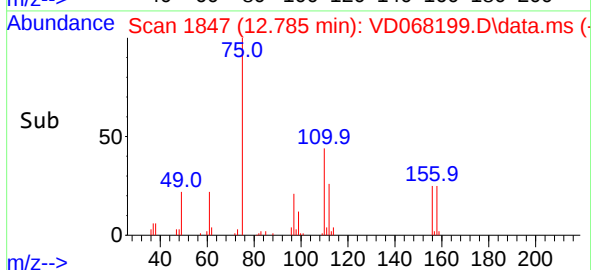
MMDadoda  
1/28/2021 2:12:05 PM

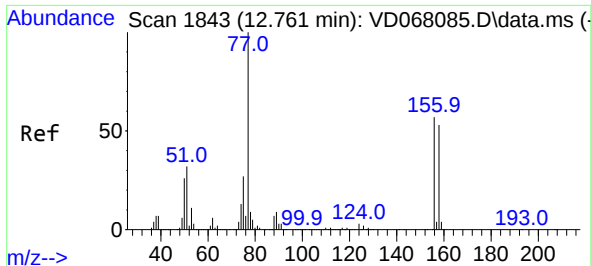


#76  
1,2,3-Trichloropropane  
Concen: 21.77 ug/l m  
RT: 12.785 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

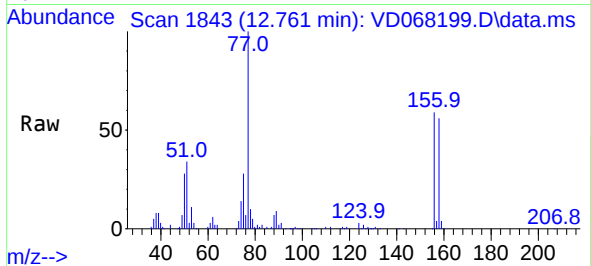


Tgt Ion: 75 Resp: 52410  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

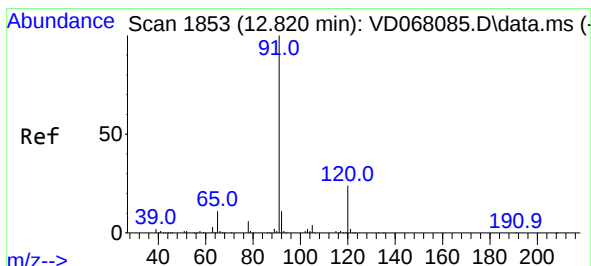
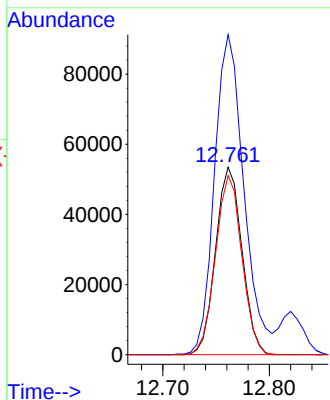
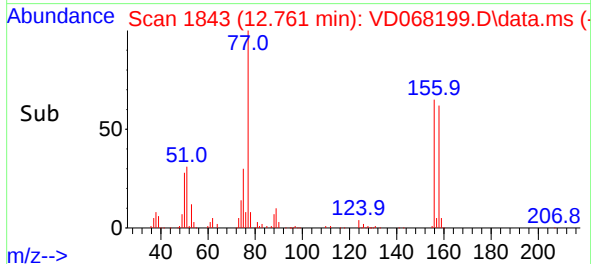




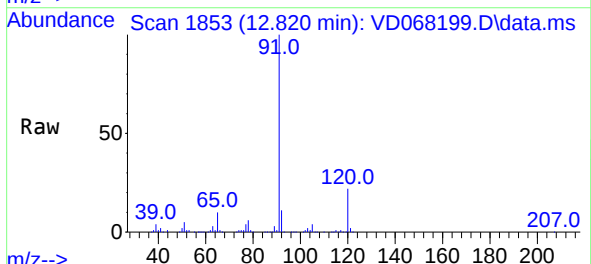
#77  
Bromobenzene  
Concen: 20.71 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



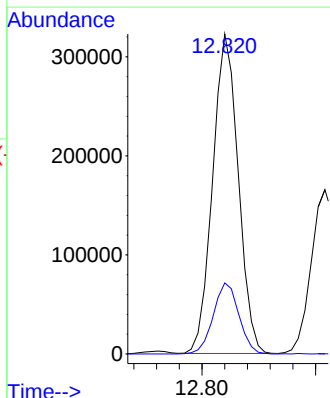
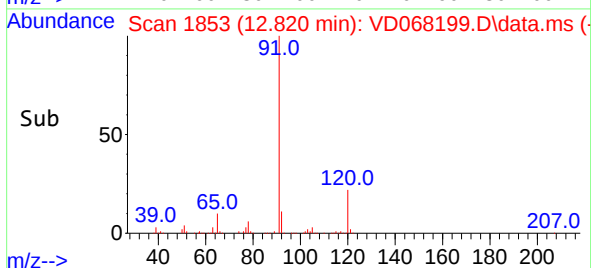
Tgt Ion:156 Resp: 92008  
Ion Ratio Lower Upper  
156 100  
77 190.0 82.8 248.3  
158 95.5 48.0 144.0



#78  
n-propylbenzene  
Concen: 20.63 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



Tgt Ion: 91 Resp: 505638  
Ion Ratio Lower Upper  
91 100  
120 22.2 12.0 36.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

Manual Integrations  
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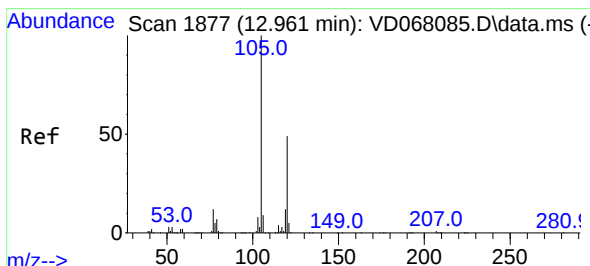
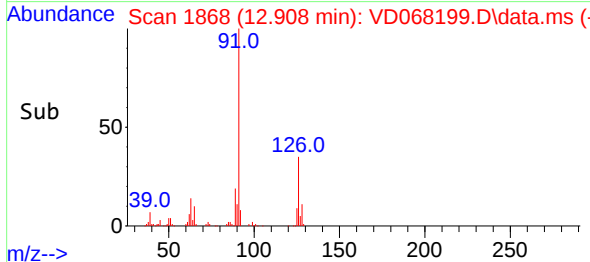
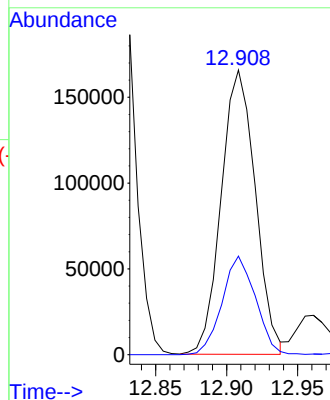
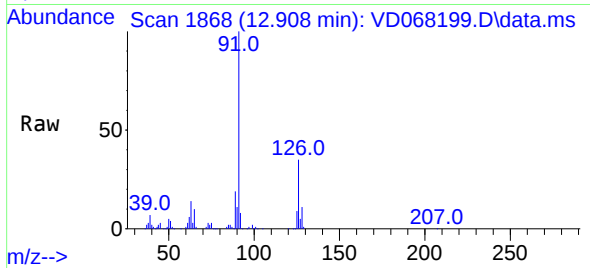
#79  
2-Chlorotoluene  
Concen: 20.16 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 91 Resp: 277458  
Ion Ratio Lower Upper  
91 100  
126 34.0 17.8 53.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

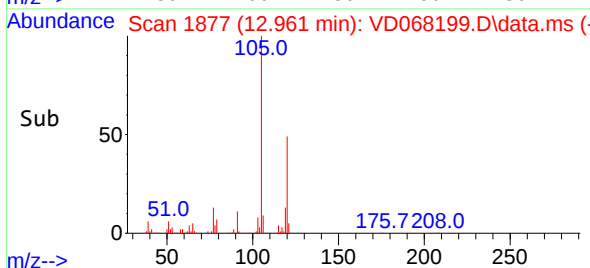
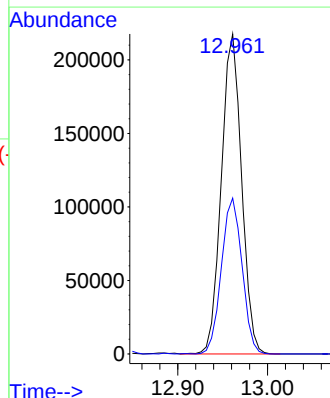
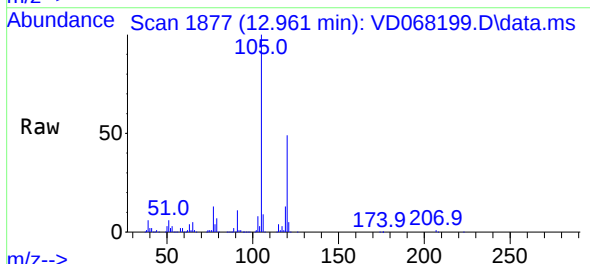
Manual Integrations  
APPROVED

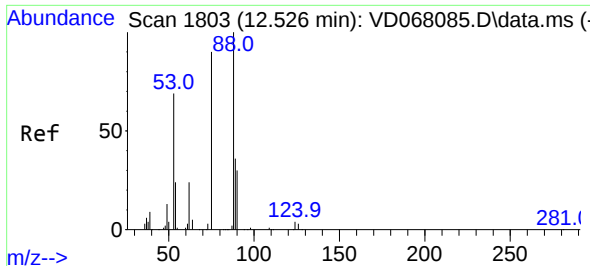
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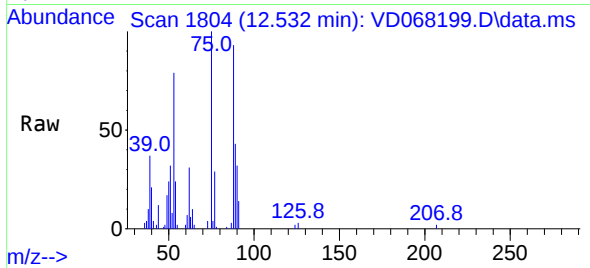
#80  
1,3,5-Trimethylbenzene  
Concen: 19.75 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

Tgt Ion: 105 Resp: 340877  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.2 72.6

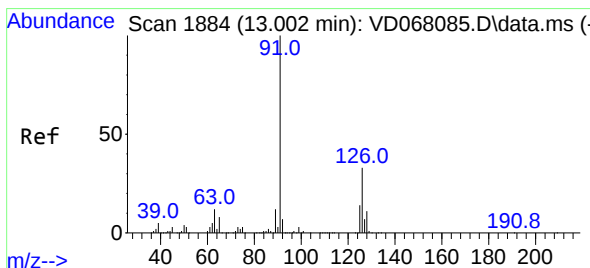
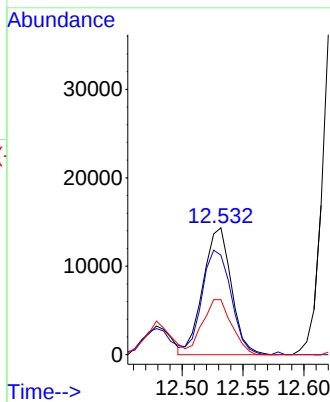
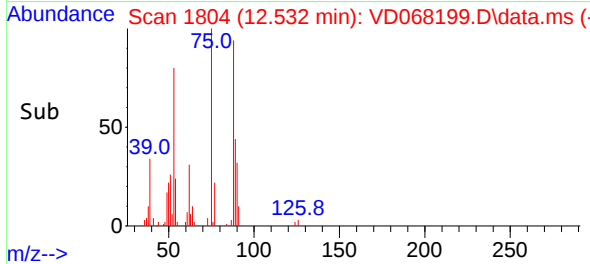




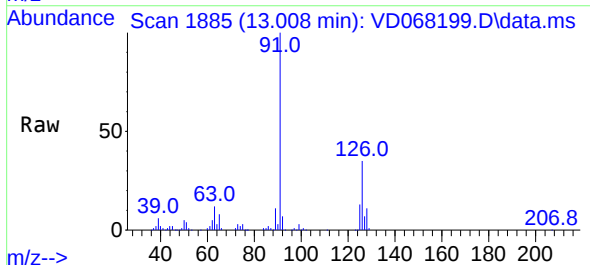
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.50 ug/l  
RT: 12.532 min Scan# 1804  
Delta R.T. 0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



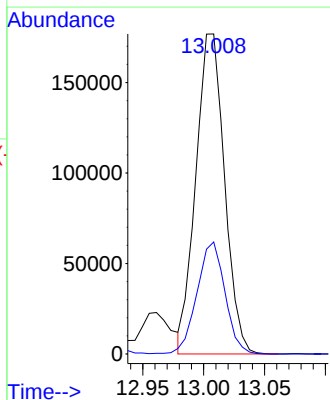
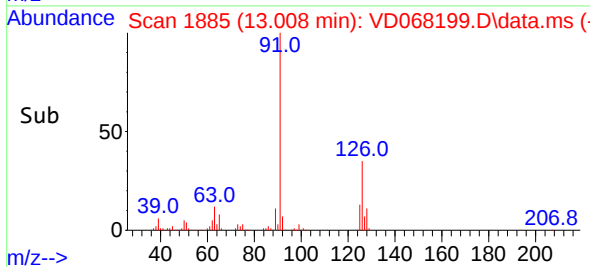
Tgt Ion: 75 Resp: 23204  
Ion Ratio Lower Upper  
75 100  
53 83.9 70.2 105.2  
89 44.6 40.3 60.5



#82  
4-Chlorotoluene  
Concen: 20.29 ug/l  
RT: 13.008 min Scan# 1885  
Delta R.T. 0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



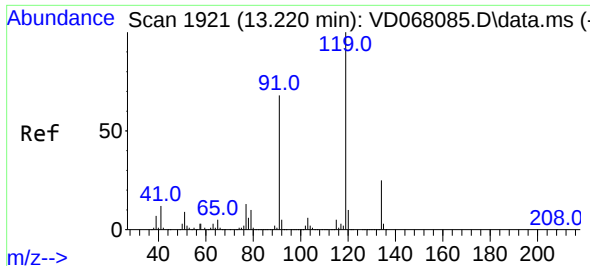
Tgt Ion: 91 Resp: 290397  
Ion Ratio Lower Upper  
91 100  
126 34.2 17.7 53.1



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

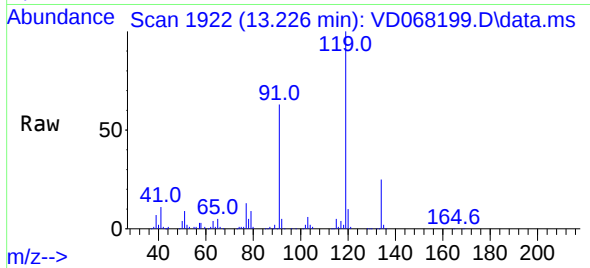
Manual Integrations  
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#83  
tert-Butylbenzene  
Concen: 20.24 ug/l  
RT: 13.226 min Scan# 1922  
Delta R.T. 0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

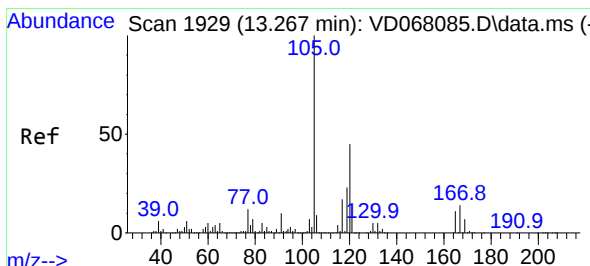
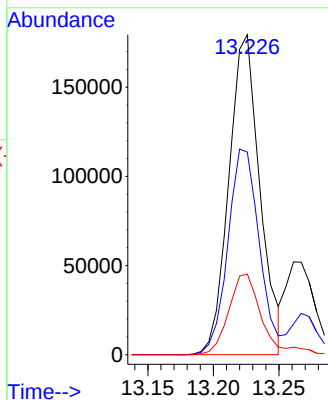
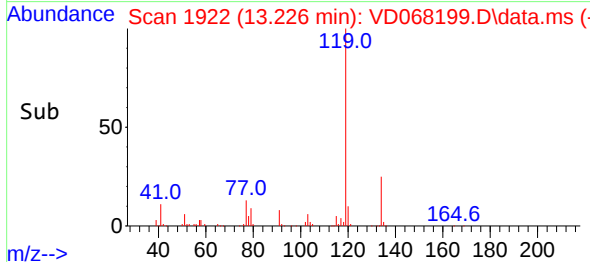
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



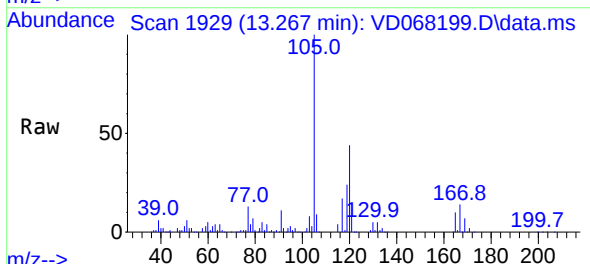
Tgt Ion:119 Resp: 295933  
Ion Ratio Lower Upper  
119 100  
91 64.7 31.1 93.5  
134 26.9 13.3 39.8

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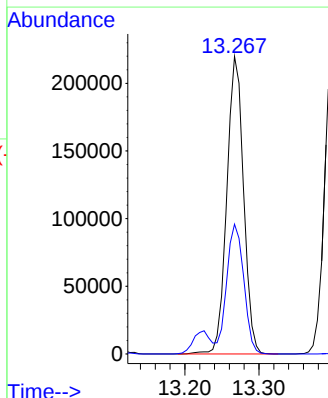
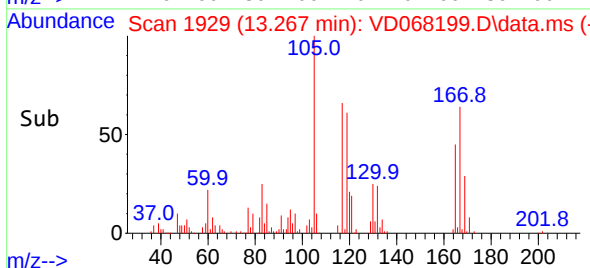
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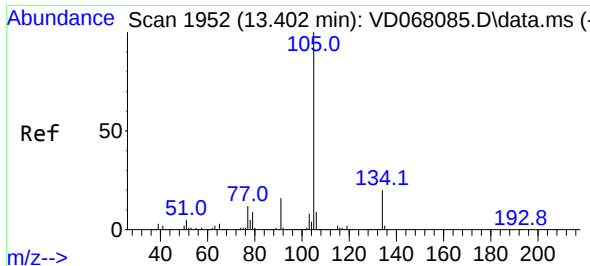


#84  
1,2,4-Trimethylbenzene  
Concen: 20.15 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



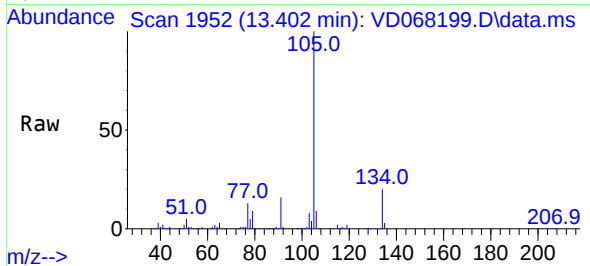
Tgt Ion:105 Resp: 345091  
Ion Ratio Lower Upper  
105 100  
120 44.8 22.4 67.0





#85  
 sec-Butylbenzene  
 Concen: 20.21 ug/l  
 RT: 13.402 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VD068199.D  
 Acq: 27 Jan 2021 13:00

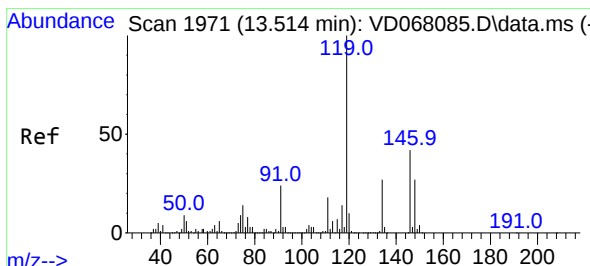
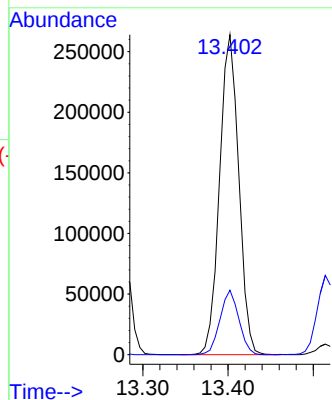
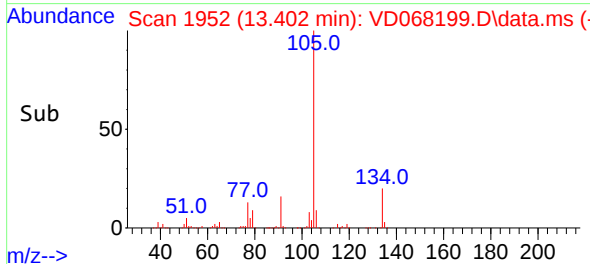
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0127SBS01



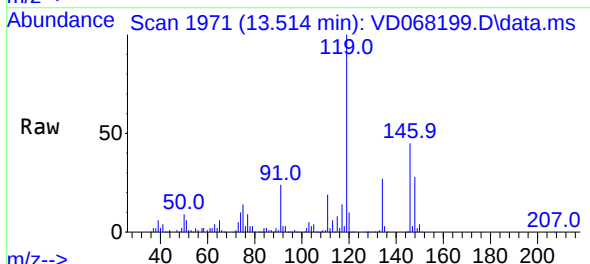
Tgt Ion:105 Resp: 413435  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.3 30.9

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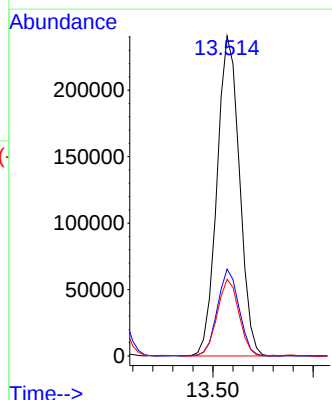
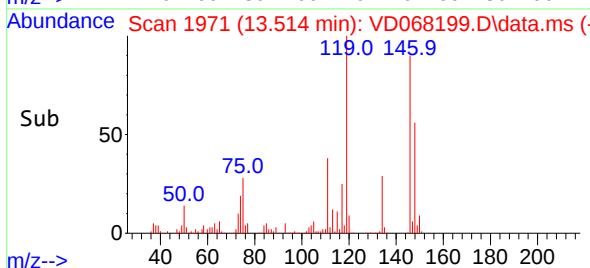
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#86  
 p-Isopropyltoluene  
 Concen: 20.13 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. 0.000 min  
 Lab File: VD068199.D  
 Acq: 27 Jan 2021 13:00

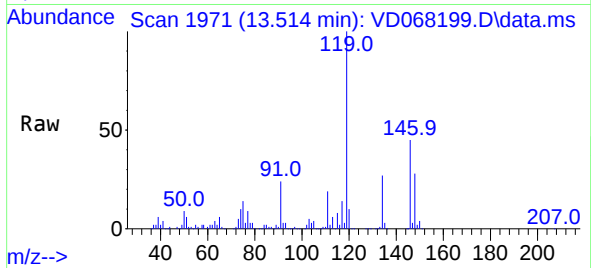


Tgt Ion:119 Resp: 374513  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.7  
 91 23.2 11.7 35.0

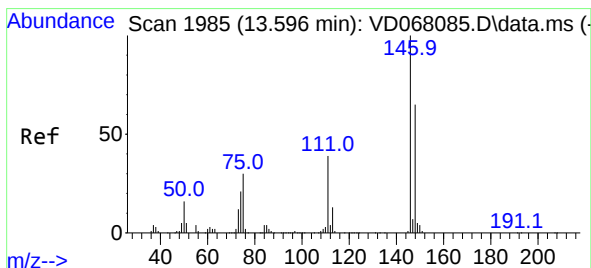
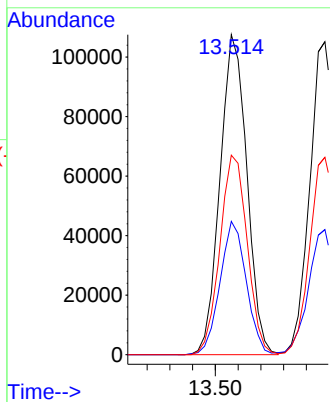
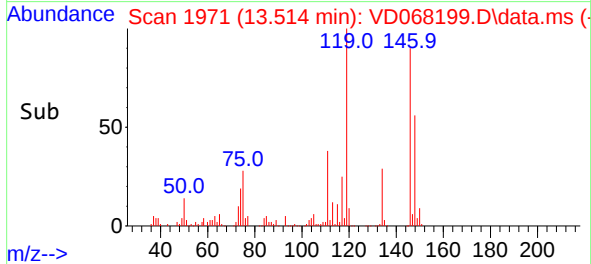




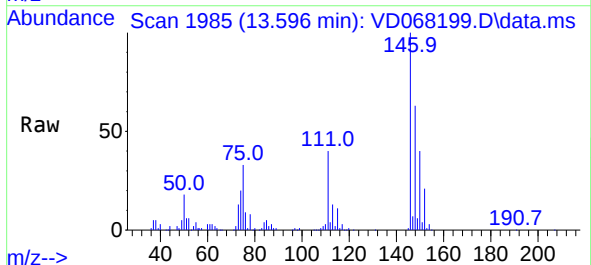
#87  
1,3-Dichlorobenzene  
Concen: 20.68 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



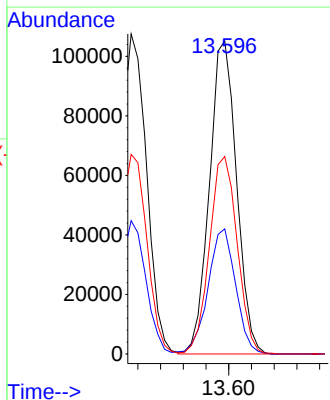
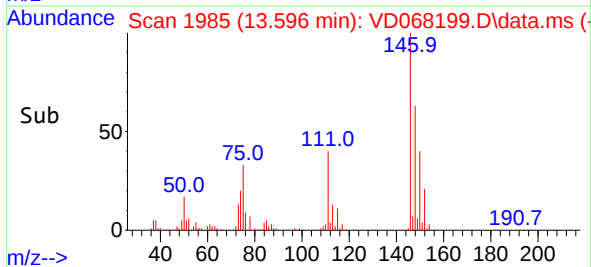
Tgt Ion:146 Resp: 176644  
Ion Ratio Lower Upper  
146 100  
111 40.7 19.5 58.5  
148 63.5 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 20.78 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



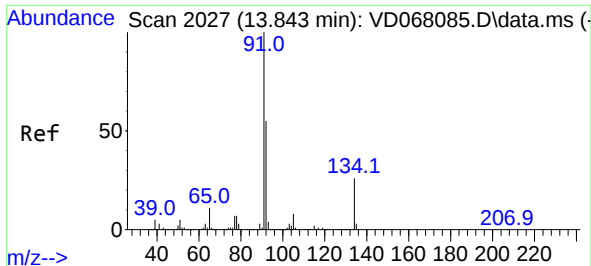
Tgt Ion:146 Resp: 174823  
Ion Ratio Lower Upper  
146 100  
111 40.7 19.1 57.1  
148 64.5 31.9 95.7



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

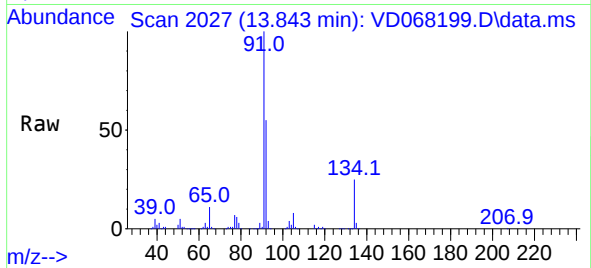
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#89  
n-Butylbenzene  
Concen: 20.13 ug/l  
RT: 13.843 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

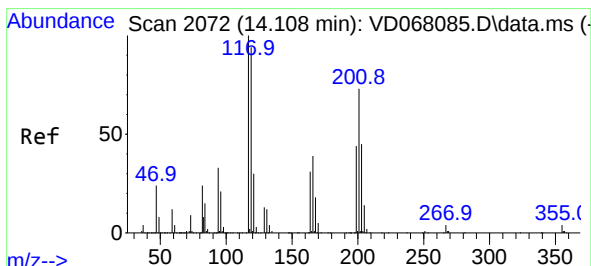
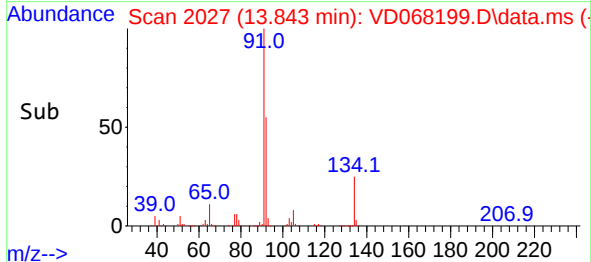
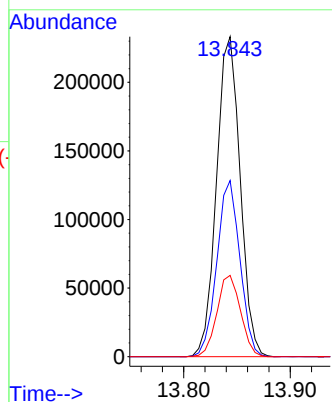
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



Tgt Ion: 91 Resp: 359426  
Ion Ratio Lower Upper  
91 100  
92 53.7 27.2 81.6  
134 25.3 13.9 41.7

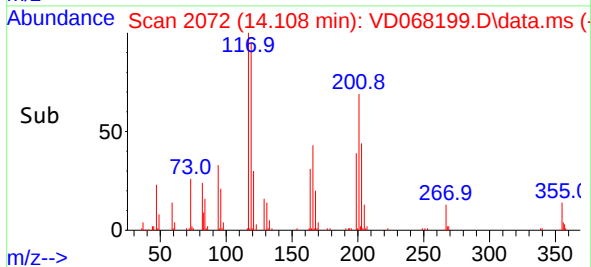
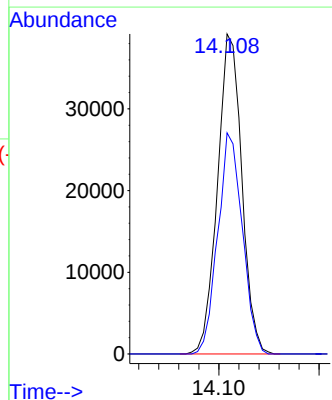
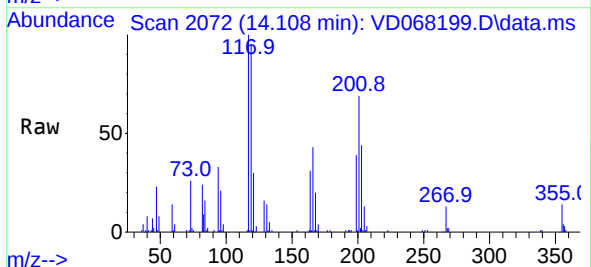
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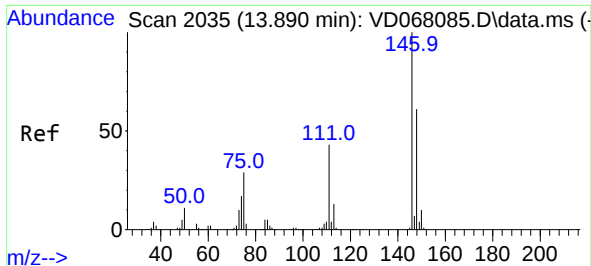
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#90  
Hexachloroethane  
Concen: 19.58 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

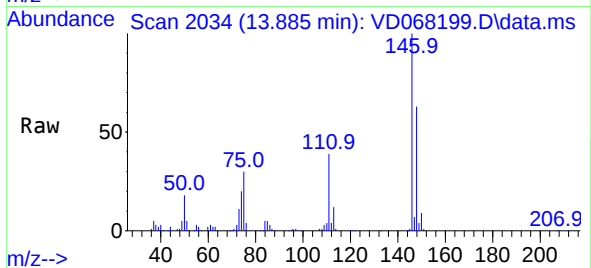
Tgt Ion: 117 Resp: 65808  
Ion Ratio Lower Upper  
117 100  
201 69.8 39.5 118.5





#91  
1,2-Dichlorobenzene  
Concen: 21.48 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

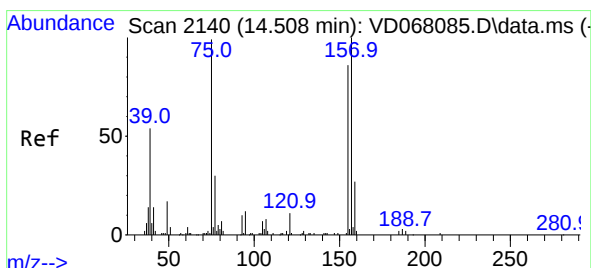
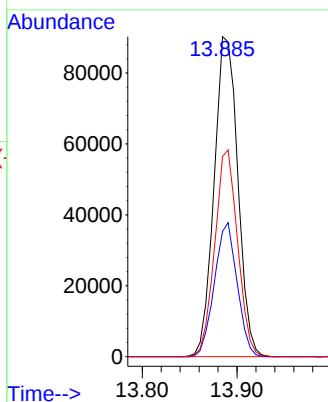
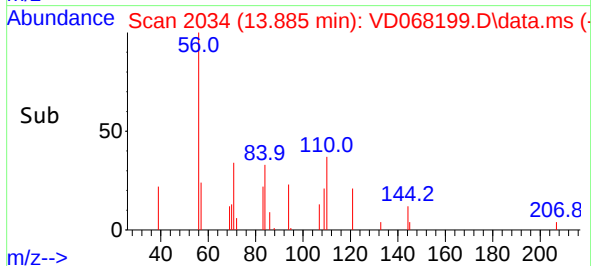
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01



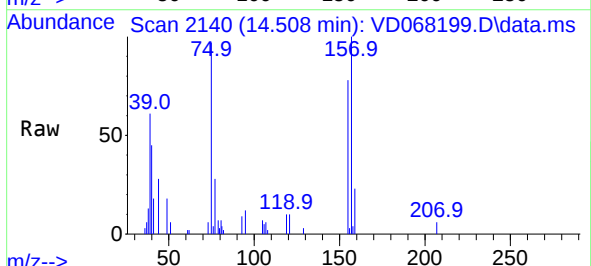
Tgt Ion:146 Resp: 157112  
Ion Ratio Lower Upper  
146 100  
111 40.1 20.3 60.9  
148 62.3 31.7 95.1

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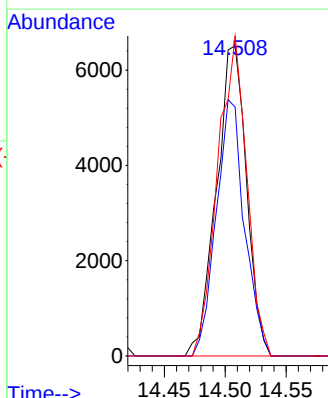
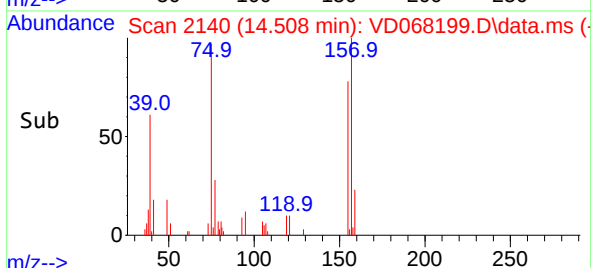
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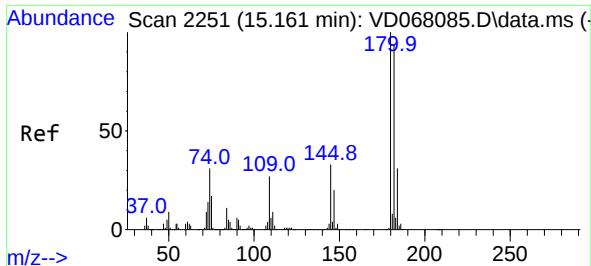


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.74 ug/l  
RT: 14.508 min Scan# 2140  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

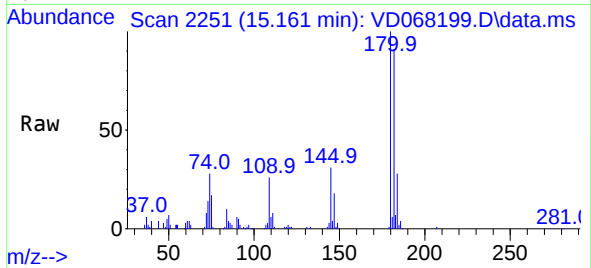


Tgt Ion: 75 Resp: 11187  
Ion Ratio Lower Upper  
75 100  
155 77.8 48.0 144.2  
157 99.5 65.0 194.8

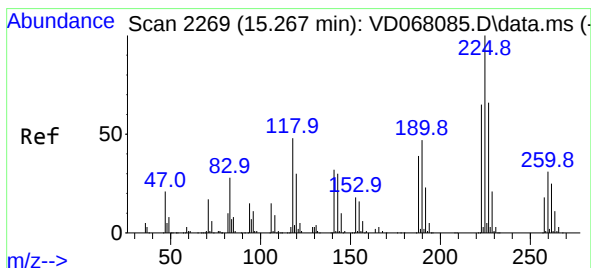
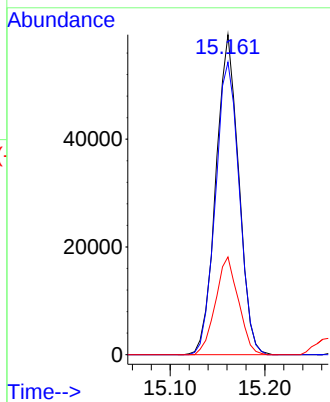
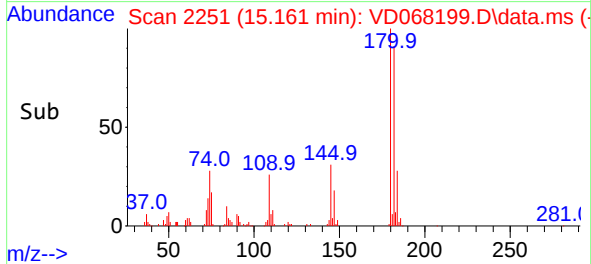




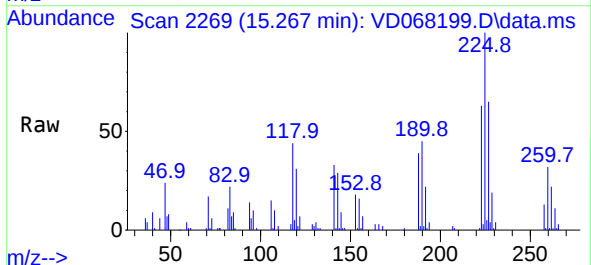
#93  
1,2,4-Trichlorobenzene  
Concen: 19.82 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



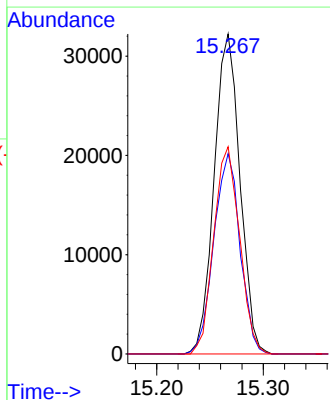
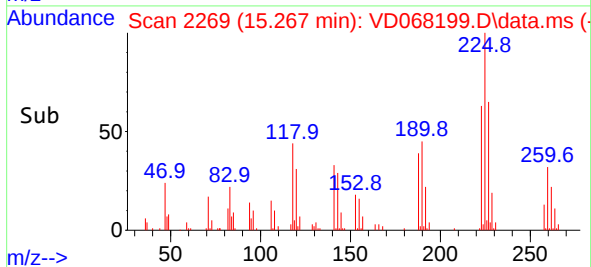
Tgt Ion:180 Resp: 99390  
Ion Ratio Lower Upper  
180 100  
182 95.1 46.8 140.4  
145 30.7 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 19.49 ug/l  
RT: 15.267 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00



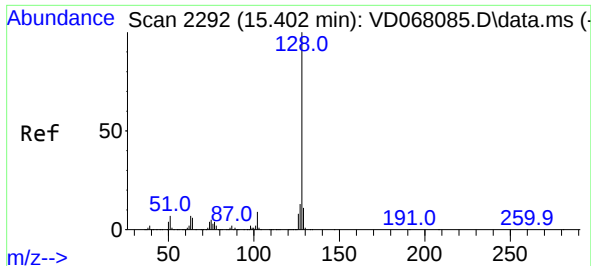
Tgt Ion:225 Resp: 54178  
Ion Ratio Lower Upper  
225 100  
223 63.6 31.9 95.5  
227 64.9 32.1 96.5



Instrument :  
MSVOA\_D  
ClientSampleId :  
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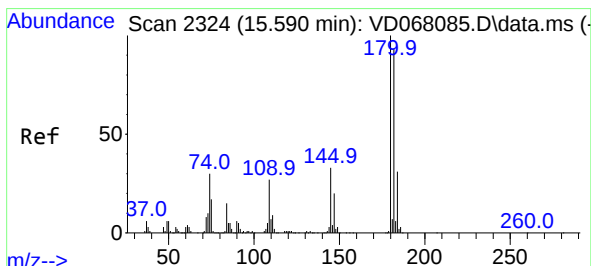
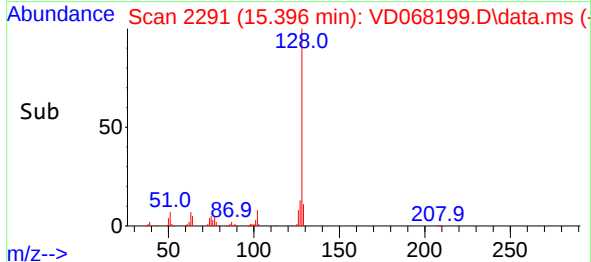
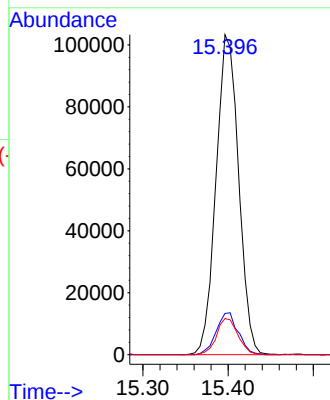
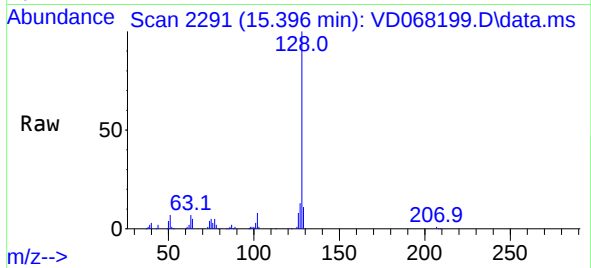
#95  
Naphthalene  
Concen: 20.23 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. -0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 190188 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.2  | 15.2   |
| 129       | 10.7  | 8.8   | 13.2   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0127SBS01

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 20.14 ug/l  
RT: 15.596 min Scan# 2325  
Delta R.T. 0.006 min  
Lab File: VD068199.D  
Acq: 27 Jan 2021 13:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 85181 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.1  | 48.3  | 144.8 |
| 145       | 33.2  | 16.7  | 50.1  |

