

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051021\  
 Data File : VD069122.D  
 Acq On : 10 May 2021 14:48  
 Operator : VA/SY  
 Sample : VD0510SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0510SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/11/2021 10:36:28 AM

Quant Time: May 11 01:02:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 05 04:16:41 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 275966     | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.867          | 114  | 479150     | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.644         | 117  | 482381     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567         | 152  | 241231     | 50.00   | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326          | 65   | 160107     | 45.02   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 90.04%  |        |          |
| 35) Dibromofluoromethane     | 7.914          | 113  | 165246     | 50.29   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 100.58% |        |          |
| 50) Toluene-d8               | 10.338         | 98   | 600264     | 49.48   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 98.96%  |        |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 207916     | 52.11   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 104.22% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.985          | 85   | 64172      | 19.12   | ug/l   | 98       |
| 3) Chloromethane             | 2.209          | 50   | 74652      | 18.07   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.344          | 62   | 100604     | 18.42   | ug/l   | 99       |
| 5) Bromomethane              | 2.744          | 94   | 71611      | 22.04   | ug/l   | 93       |
| 6) Chloroethane              | 2.915          | 64   | 66576      | 20.96   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.268          | 101  | 113792     | 18.97   | ug/l   | 92       |
| 8) Diethyl Ether             | 3.715          | 74   | 29497      | 20.24   | ug/l   | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 4.085          | 101  | 63401      | 19.74   | ug/l   | 94       |
| 10) Methyl Iodide            | 4.303          | 142  | 51810      | 19.92   | ug/l   | 93       |
| 11) Tert butyl alcohol       | 5.226          | 59   | 25715      | 72.98   | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.068          | 96   | 57309      | 19.82   | ug/l   | 98       |
| 13) Acrolein                 | 3.921          | 56   | 17835      | 83.68   | ug/l   | 100      |
| 14) Allyl chloride           | 4.709          | 41   | 64529      | 17.32   | ug/l   | 95       |
| 15) Acrylonitrile            | 5.420          | 53   | 61669      | 97.36   | ug/l   | 98       |
| 16) Acetone                  | 4.150          | 43   | 48116      | 79.45   | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.403          | 76   | 186572     | 19.08   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.721          | 43   | 24211      | 17.48   | ug/l   | 92       |
| 19) Methyl tert-butyl Ether  | 5.473          | 73   | 134727     | 20.38   | ug/l   | 97       |
| 20) Methylene Chloride       | 4.962          | 84   | 91549      | 22.54   | ug/l   | 87       |
| 21) trans-1,2-Dichloroethene | 5.468          | 96   | 73152      | 21.29   | ug/l   | 87       |
| 22) Diisopropyl ether        | 6.362          | 45   | 157284     | 18.91   | ug/l # | 93       |
| 23) Vinyl Acetate            | 6.303          | 43   | 418093     | 87.92   | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.262          | 63   | 116484     | 19.83   | ug/l   | 97       |
| 25) 2-Butanone               | 7.215          | 43   | 66710      | 87.74   | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.209          | 77   | 100839     | 18.38   | ug/l   | 95       |
| 27) cis-1,2-Dichloroethene   | 7.215          | 96   | 81545      | 21.99   | ug/l   | 91       |
| 28) Bromochloromethane       | 7.550          | 49   | 43370      | 18.29   | ug/l   | 84       |
| 29) Tetrahydrofuran          | 7.562          | 42   | 42730      | 91.36   | ug/l   | 92       |
| 30) Chloroform               | 7.714          | 83   | 133831     | 20.37   | ug/l   | 89       |
| 31) Cyclohexane              | 7.985          | 56   | 88896      | 17.23   | ug/l # | 91       |
| 32) 1,1,1-Trichloroethane    | 7.903          | 97   | 114049     | 19.01   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 90482      | 17.95   | ug/l   | 94       |
| 37) Ethyl Acetate            | 7.291          | 43   | 30551      | 16.07   | ug/l # | 91       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 102475     | 18.74   | ug/l   | 94       |
| 39) Methylcyclohexane        | 9.350          | 83   | 103874     | 18.84   | ug/l   | 97       |
| 40) Benzene                  | 8.350          | 78   | 280826     | 20.13   | ug/l   | 94       |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
 APPROVED

MMDadoda  
 5/11/2021 10:36:28 AM

Quant Time: May 11 01:02:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 05 04:16:41 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.538  | 41   | 20089m   | 18.23  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 80760    | 18.52  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 61597    | 17.28  | ug/l   | 94       |
| 44) Trichloroethene           | 9.114  | 130  | 79023    | 21.31  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 66900    | 19.48  | ug/l   | 91       |
| 46) Dibromomethane            | 9.473  | 93   | 40298    | 20.41  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.661  | 83   | 104940   | 20.22  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.456  | 41   | 29523    | 16.80  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 9694     | 424.71 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 164622   | 90.24  | ug/l   | 94       |
| 52) Toluene                   | 10.403 | 92   | 187896   | 21.23  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 91261    | 20.23  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 109459   | 20.52  | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane     | 10.803 | 97   | 56916    | 21.71  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 60397    | 20.60  | ug/l   | 87       |
| 57) 1,3-Dichloropropane       | 10.944 | 76   | 94189    | 21.32  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 153165   | 100.90 | ug/l   | 96       |
| 59) 2-Hexanone                | 10.985 | 43   | 111125   | 90.26  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.138 | 129  | 75232    | 21.57  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 56574    | 22.23  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 64787    | 20.84  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.667 | 112  | 207294   | 21.06  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 77245    | 20.73  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.744 | 91   | 350124   | 20.06  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.850 | 106  | 266037   | 40.53  | ug/l   | 96       |
| 69) o-Xylene                  | 12.179 | 106  | 126763   | 21.54  | ug/l   | 93       |
| 70) Styrene                   | 12.191 | 104  | 219719   | 21.14  | ug/l   | 97       |
| 71) Bromoform                 | 12.355 | 173  | 40844    | 21.39  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.473 | 105  | 324779   | 19.45  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.285 | 43   | 58998    | 16.83  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 72810m   | 22.24  | ug/l   |          |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 38639m   | 18.40  | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 83752    | 21.67  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.814 | 91   | 395049   | 19.26  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 224062   | 19.59  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 285758   | 20.10  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 18540    | 19.21  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 237818   | 19.42  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 237333   | 20.49  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 283881   | 19.99  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.397 | 105  | 325726   | 19.43  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 296190   | 19.14  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 159085   | 20.51  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.591 | 146  | 158301   | 20.70  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.838 | 91   | 291730   | 19.87  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.108 | 117  | 60807    | 19.11  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 140450   | 20.82  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 9647     | 17.92  | ug/l   | 71       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 88358    | 22.08  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 47450    | 20.48  | ug/l   | 99       |
| 95) Naphthalene               | 15.396 | 128  | 171783   | 22.56  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.585 | 180  | 78076    | 22.59  | ug/l   | 99       |

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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
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VD0510SBSD01

Manual Integrations  
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MMDadoda  
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Quant Time: May 11 01:02:55 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050421S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 05 04:16:41 2021  
Response via : Initial Calibration

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

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

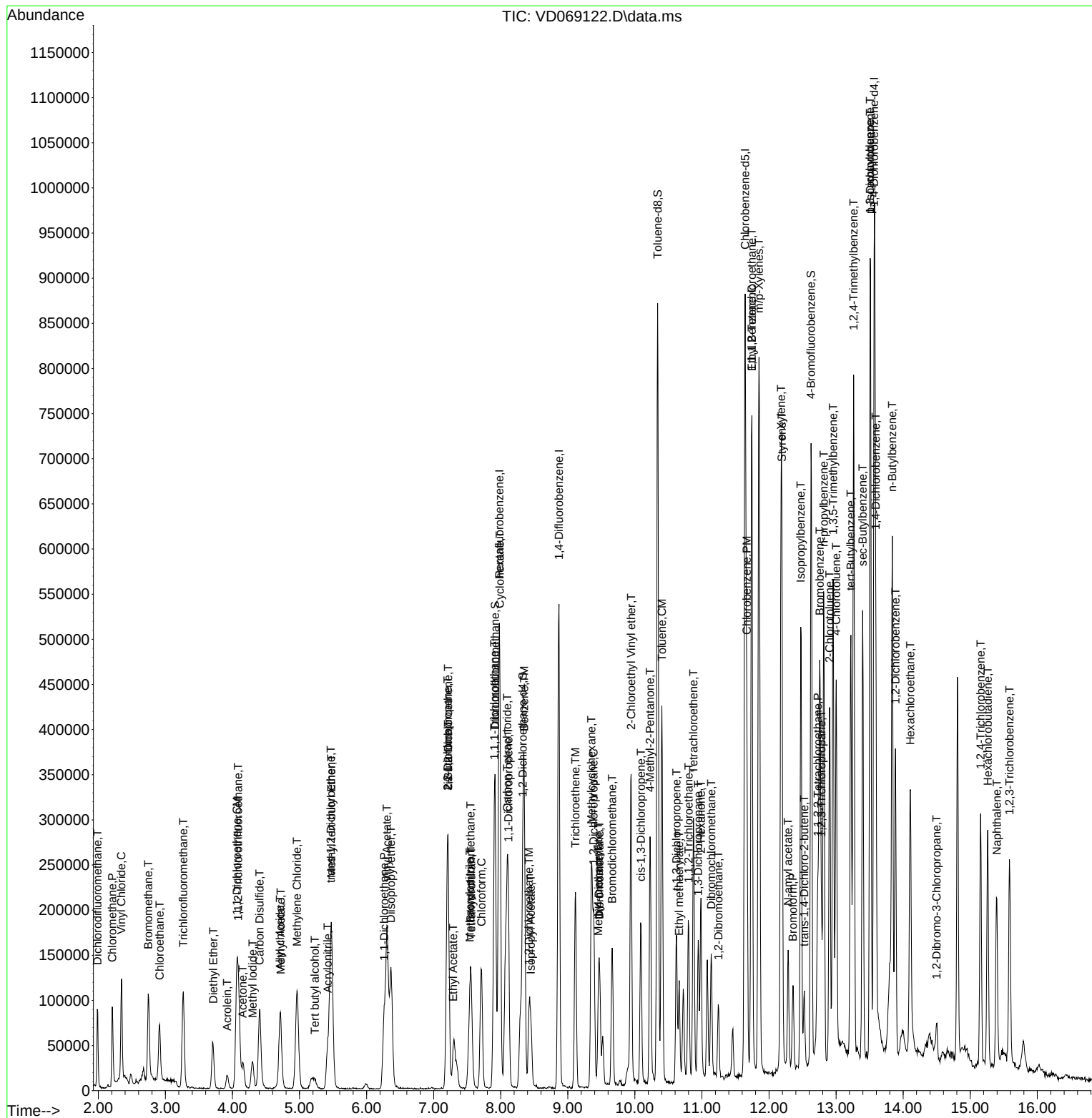
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 Data File : VD069122.D  
 Acq On : 10 May 2021 14:48  
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 Sample : VD0510SBSD01  
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 ALS Vial : 7 Sample Multiplier: 1

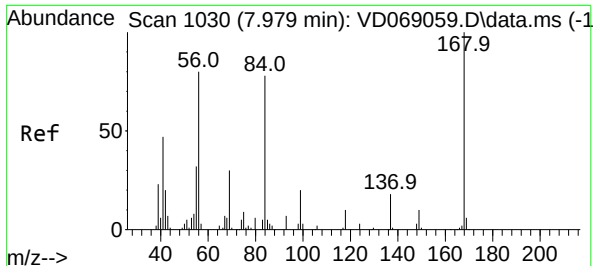
Instrument :  
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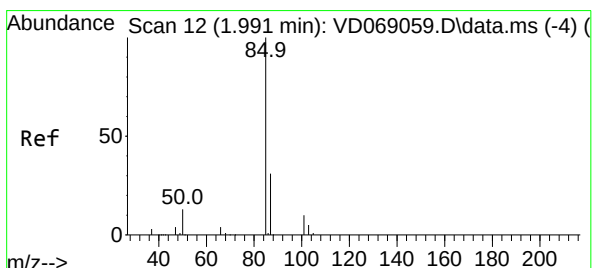
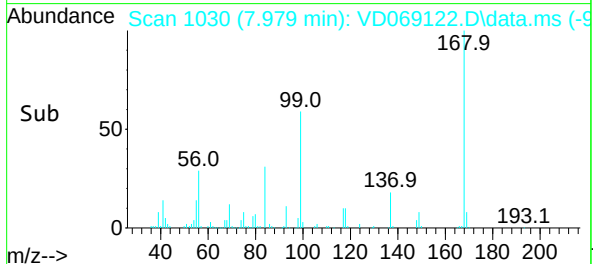
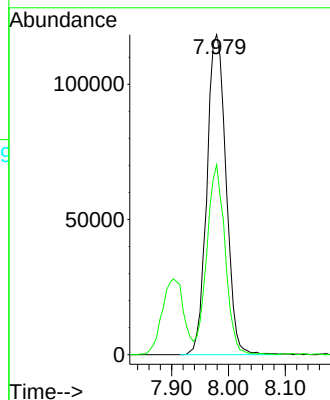
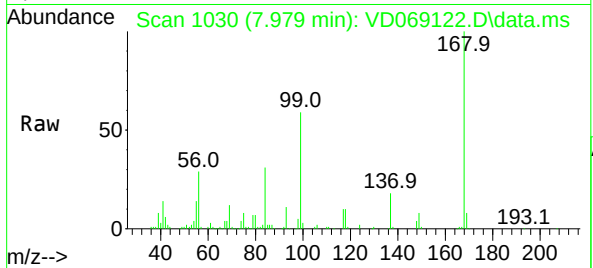
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 168 Resp: 275966  
Ion Ratio Lower Upper  
168 100  
99 59.1 52.6 78.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

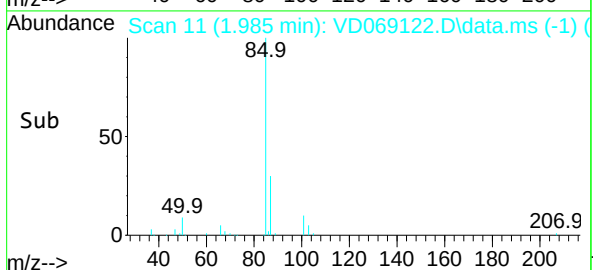
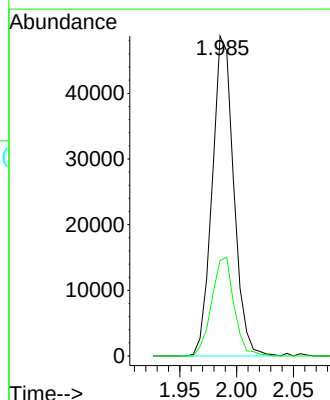
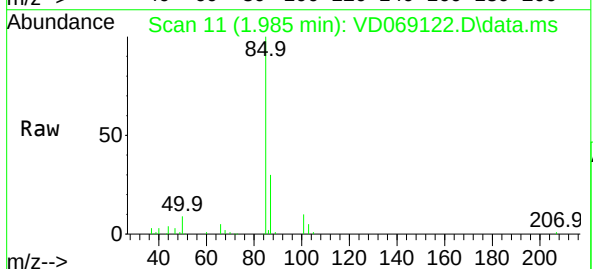
Manual Integrations  
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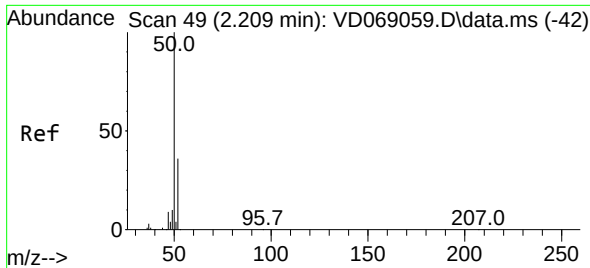
MMDadoda  
5/11/2021 10:36:28 AM



#2  
Dichlorodifluoromethane  
Concen: 19.12 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 85 Resp: 64172  
Ion Ratio Lower Upper  
85 100  
87 29.9 15.4 46.2





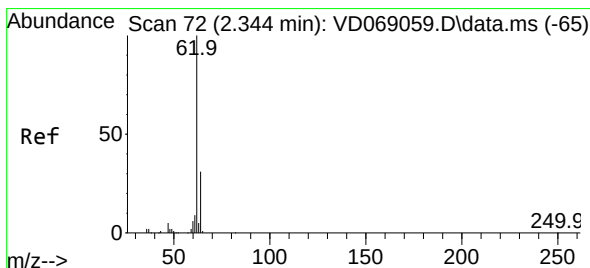
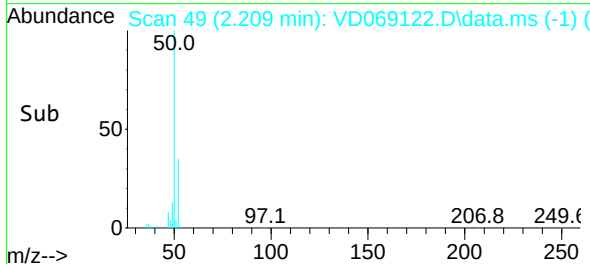
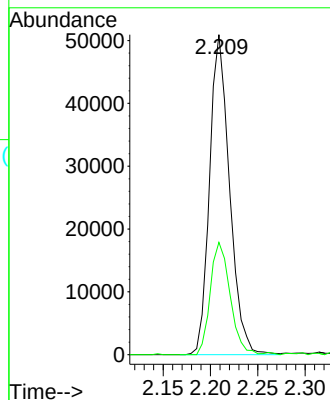
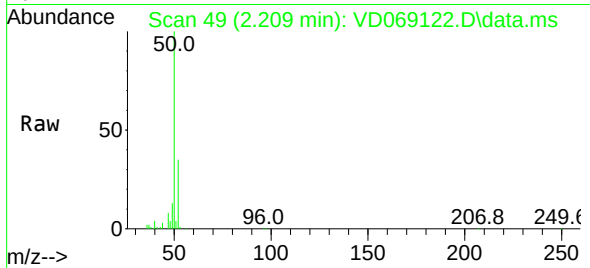
#3  
Chloromethane  
Concen: 18.07 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 50 Resp: 74652  
Ion Ratio Lower Upper  
50 100  
52 35.1 28.5 42.7

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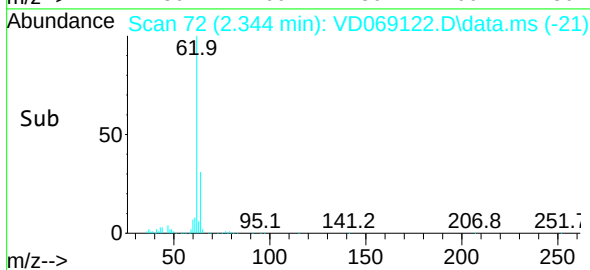
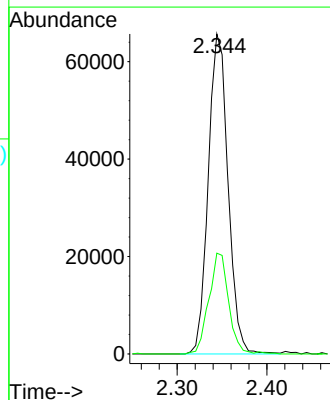
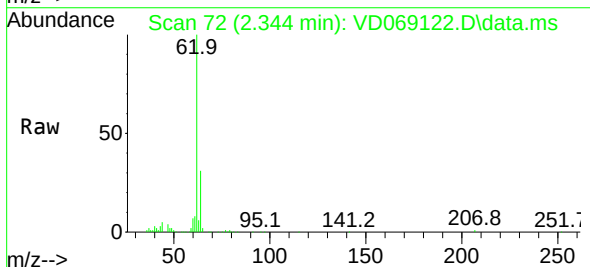
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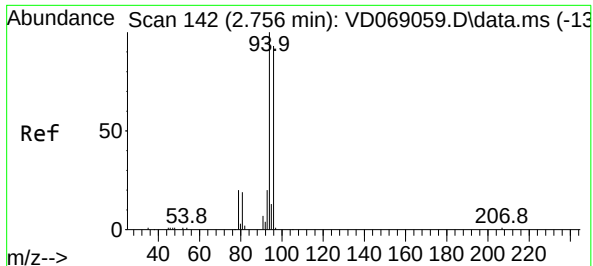
MMDadoda  
5/11/2021 10:36:28 AM



#4  
Vinyl Chloride  
Concen: 18.42 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

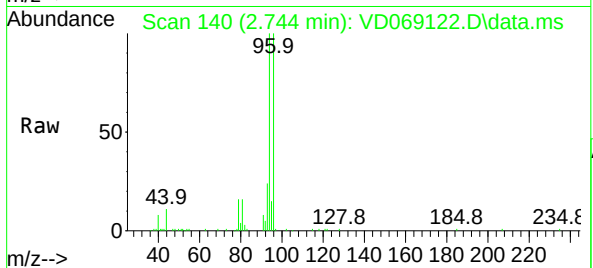
Tgt Ion: 62 Resp: 100604  
Ion Ratio Lower Upper  
62 100  
64 31.5 24.9 37.3





#5  
Bromomethane  
Concen: 22.04 ug/l  
RT: 2.744 min Scan# 140  
Delta R.T. -0.012 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

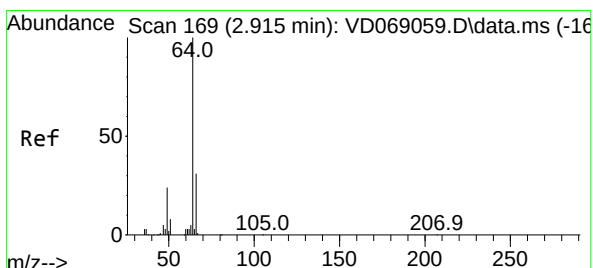
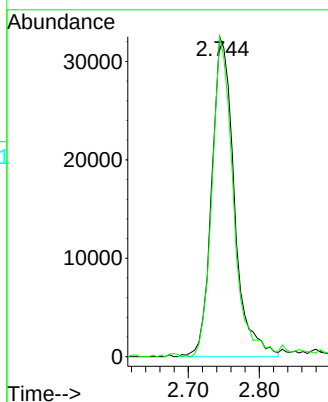
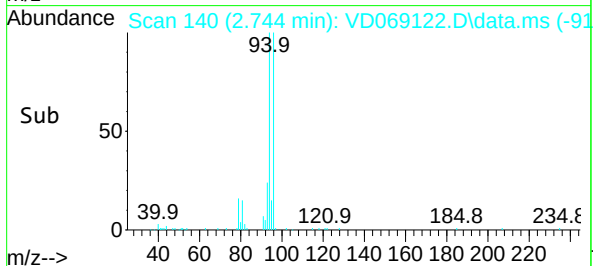
Instrument :  
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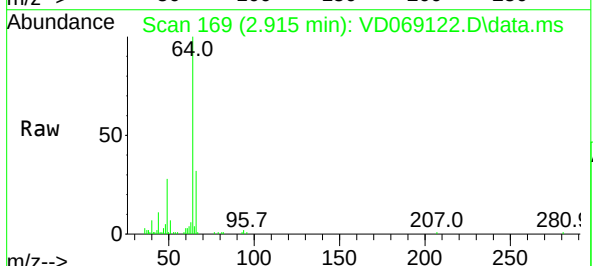
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Ion Ratio Lower Upper  
94 100  
96 99.2 74.3 111.5

Manual Integrations  
APPROVED

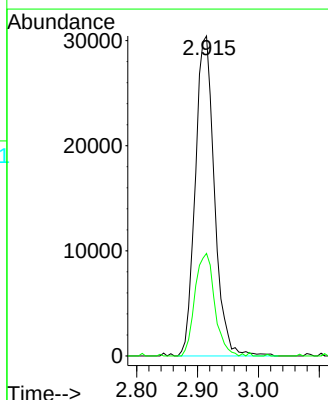
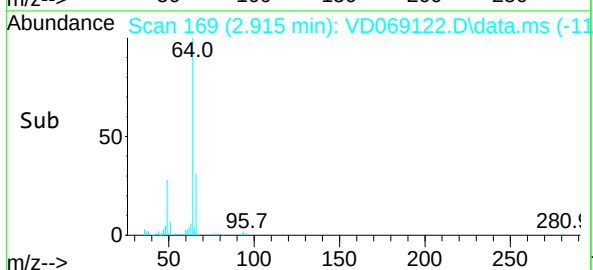
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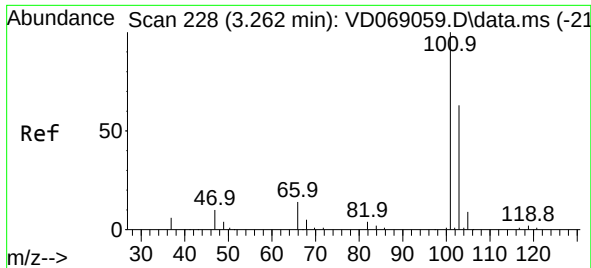


#6  
Chloroethane  
Concen: 20.96 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



Tgt Ion: 64 Resp: 66576  
Ion Ratio Lower Upper  
64 100  
66 32.1 24.7 37.1





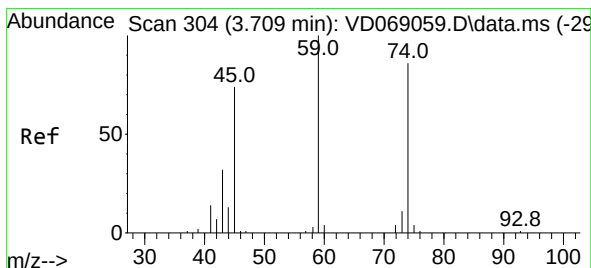
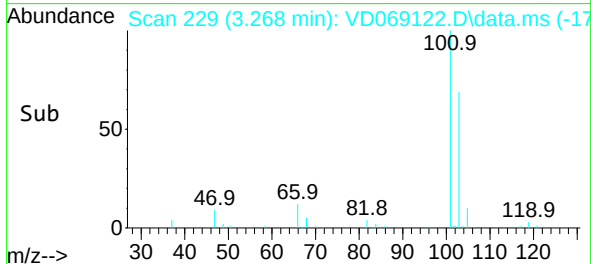
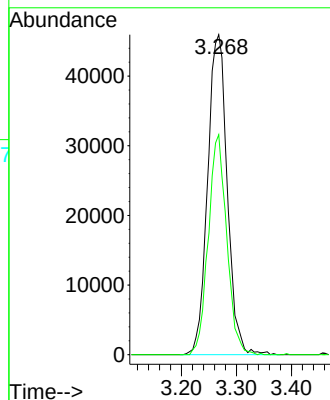
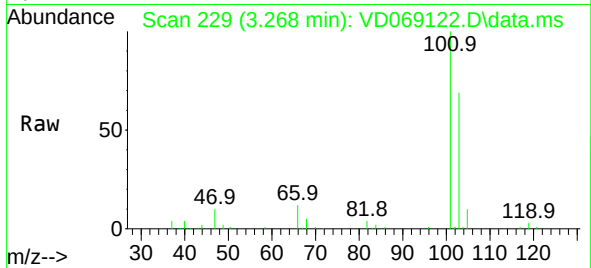
#7  
Trichlorofluoromethane  
Concen: 18.97 ug/l  
RT: 3.268 min Scan# 229  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion:101 Resp: 113792  
Ion Ratio Lower Upper  
101 100  
103 68.7 50.2 75.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBS01

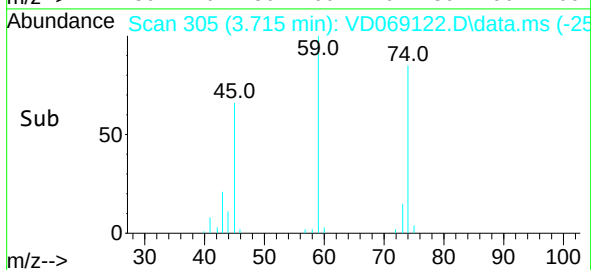
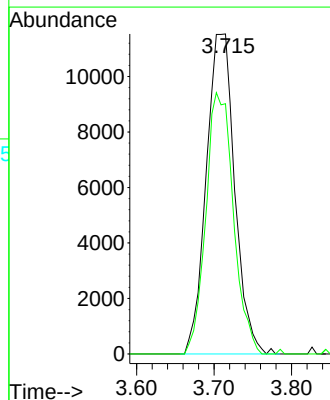
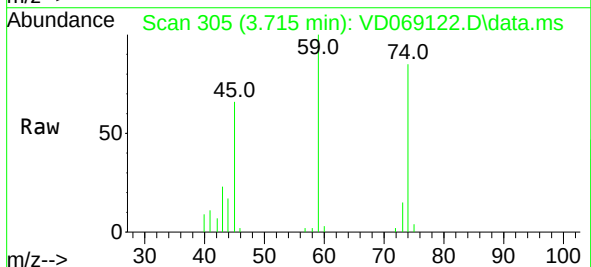
Manual Integrations  
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MMDadoda  
5/11/2021 10:36:28 AM

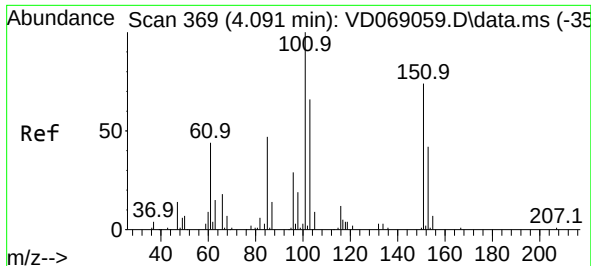


#8  
Diethyl Ether  
Concen: 20.24 ug/l  
RT: 3.715 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 74 Resp: 29497  
Ion Ratio Lower Upper  
74 100  
45 78.8 42.9 128.5

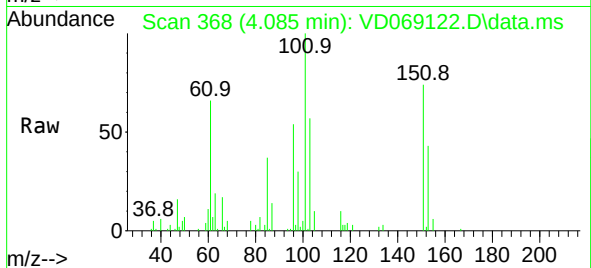






#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.74 ug/l  
RT: 4.085 min Scan# 368  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

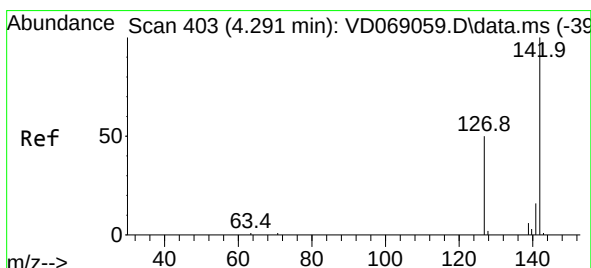
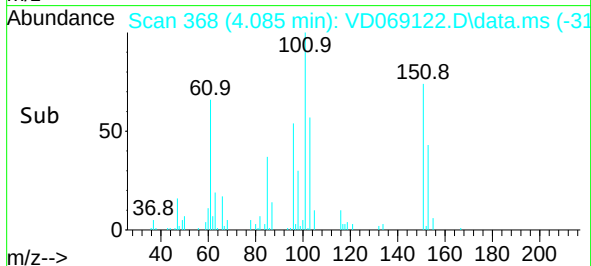
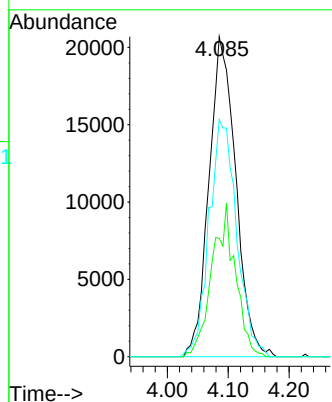
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBS01



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 42.0  | 38.1  | 57.1  |
| 151     | 76.4  | 57.9  | 86.9  |

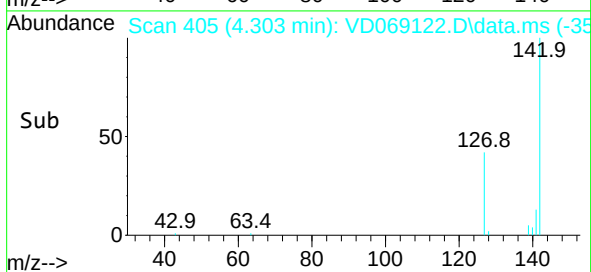
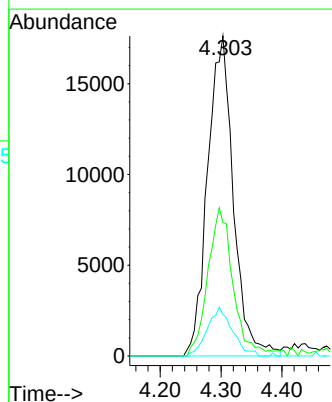
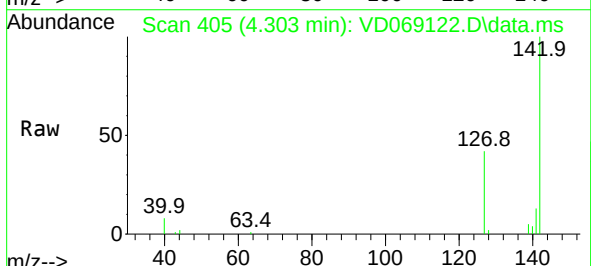
Manual Integrations  
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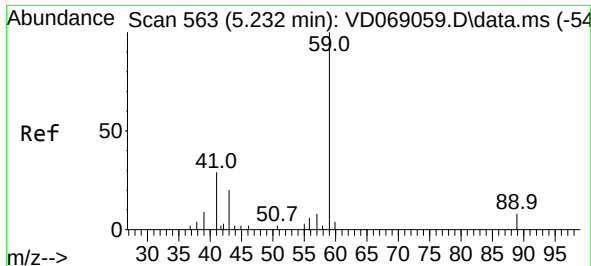
MMDadoda  
5/11/2021 10:36:28 AM



#10  
Methyl Iodide  
Concen: 19.92 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. 0.012 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 45.7  | 41.6  | 62.4  |
| 141     | 14.7  | 12.2  | 18.4  |





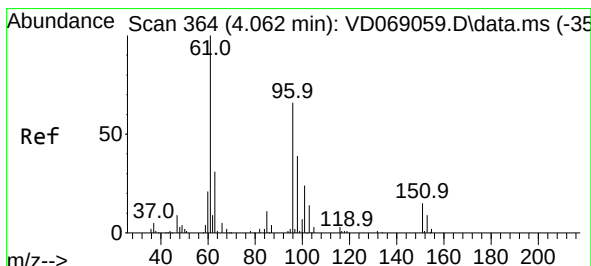
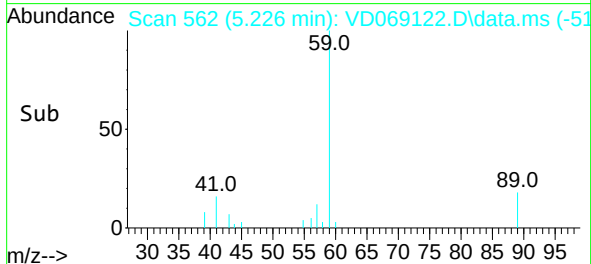
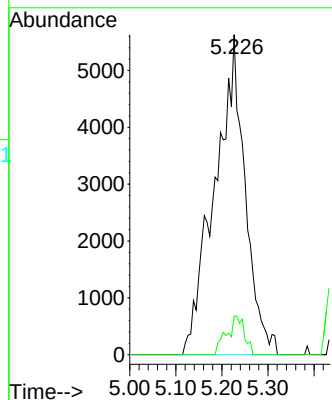
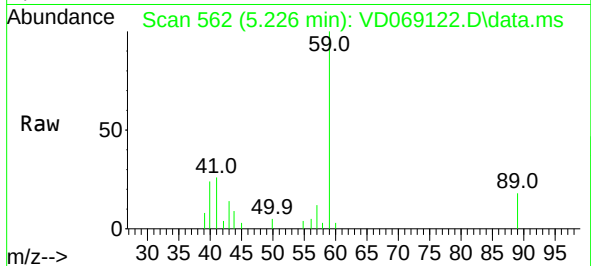
#11  
Tert butyl alcohol  
Concen: 72.98 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 59 Resp: 25715  
Ion Ratio Lower Upper  
59 100  
57 7.0 5.3 7.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

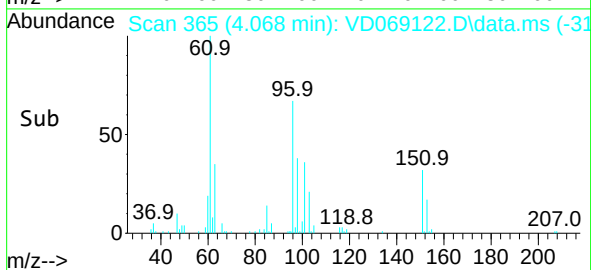
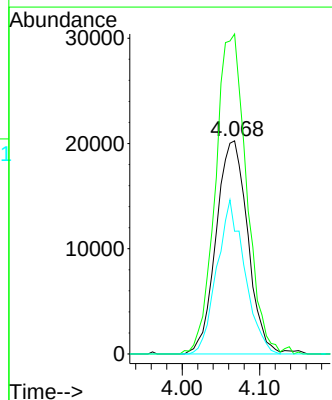
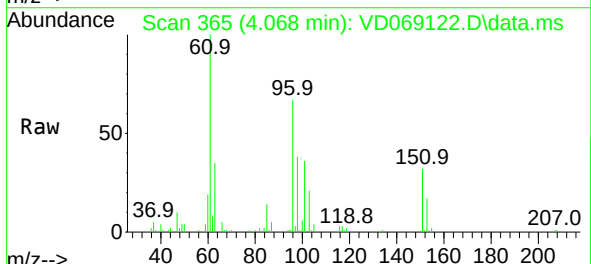
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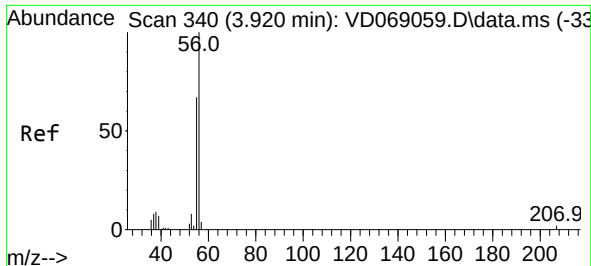
MMDadoda  
5/11/2021 10:36:28 AM



#12  
1,1-Dichloroethene  
Concen: 19.82 ug/l  
RT: 4.068 min Scan# 365  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

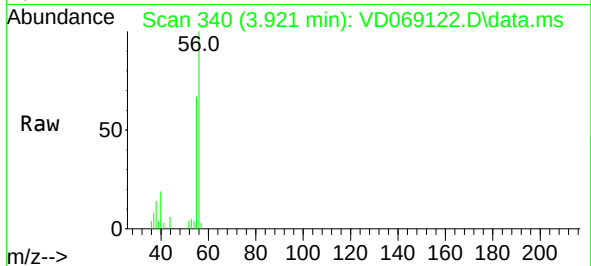
Tgt Ion: 96 Resp: 57309  
Ion Ratio Lower Upper  
96 100  
61 150.1 121.8 182.8  
98 57.6 47.3 70.9





#13  
Acrolein  
Concen: 83.68 ug/l  
RT: 3.921 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

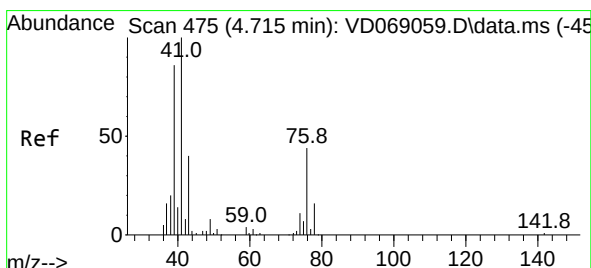
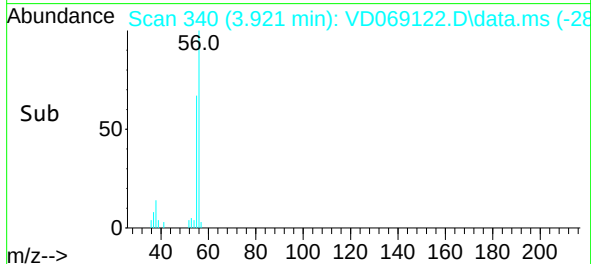
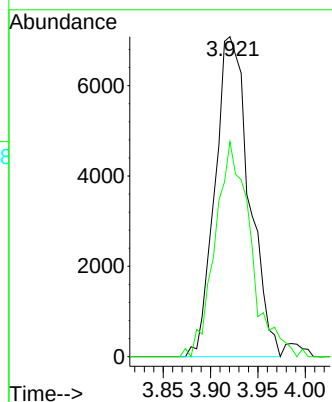
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01



Tgt Ion: 56 Resp: 17835  
Ion Ratio Lower Upper  
56 100  
55 69.6 56.0 84.0

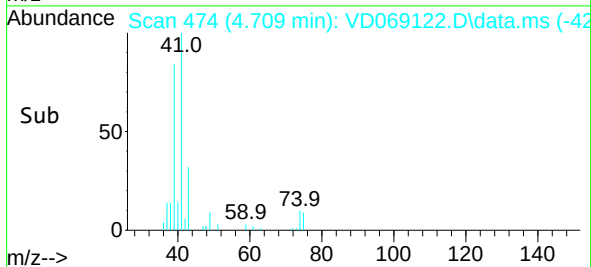
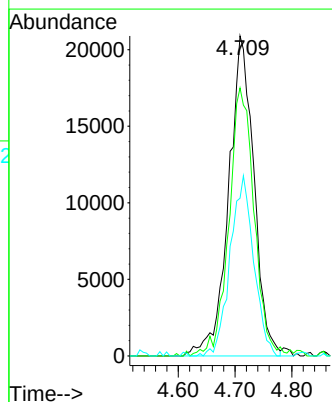
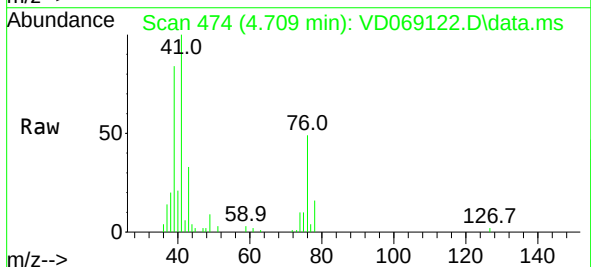
Manual Integrations  
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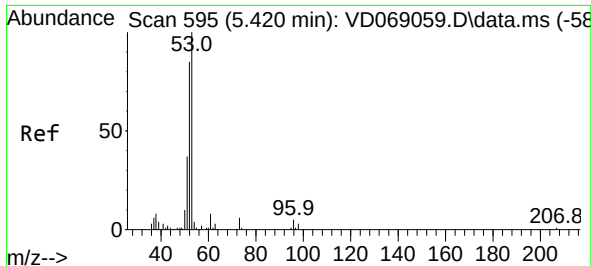
MMDadoda  
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#14  
Allyl chloride  
Concen: 17.32 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

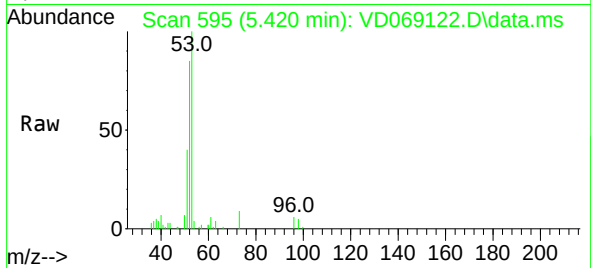
Tgt Ion: 41 Resp: 64529  
Ion Ratio Lower Upper  
41 100  
39 83.2 67.5 101.3  
76 52.4 35.1 52.7





#15  
Acrylonitrile  
Concen: 97.36 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

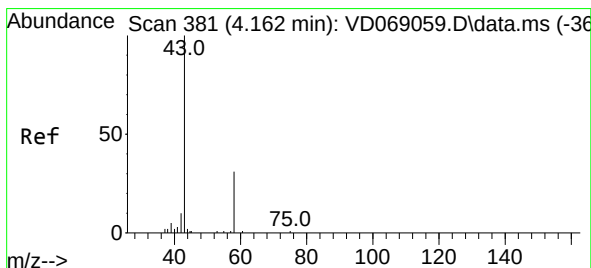
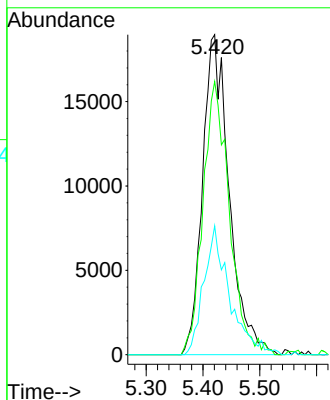
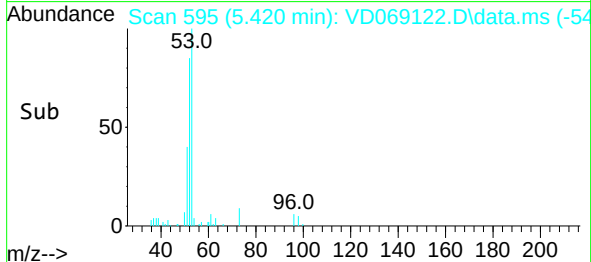
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01



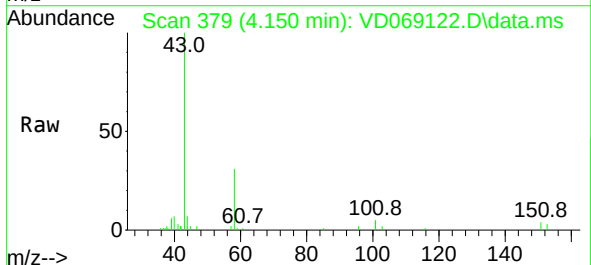
Tgt Ion: 53 Resp: 61669  
Ion Ratio Lower Upper  
53 100  
52 84.8 66.0 99.0  
51 39.0 30.6 45.8

Manual Integrations  
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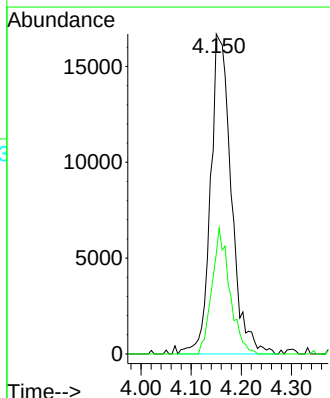
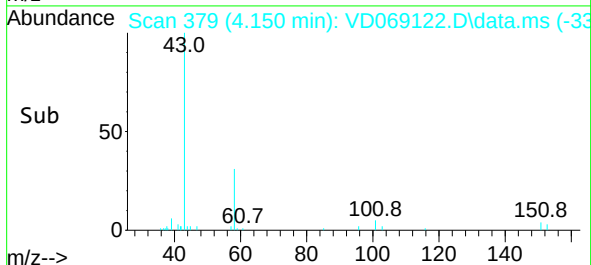
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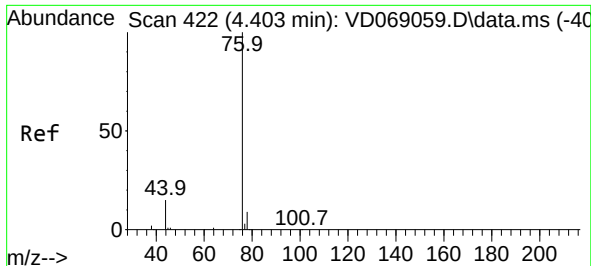


#16  
Acetone  
Concen: 79.45 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.012 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

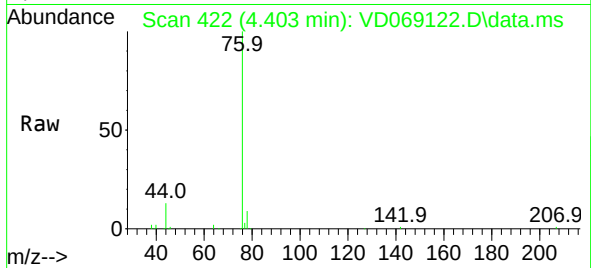


Tgt Ion: 43 Resp: 48116  
Ion Ratio Lower Upper  
43 100  
58 31.3 24.5 36.7

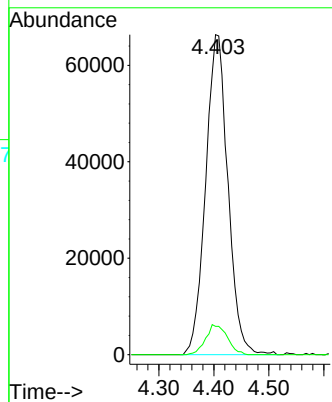
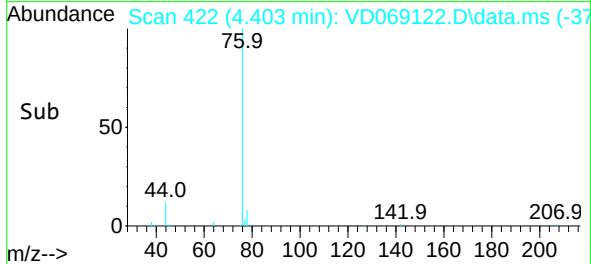




#17  
Carbon Disulfide  
Concen: 19.08 ug/l  
RT: 4.403 min Scan# 422  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



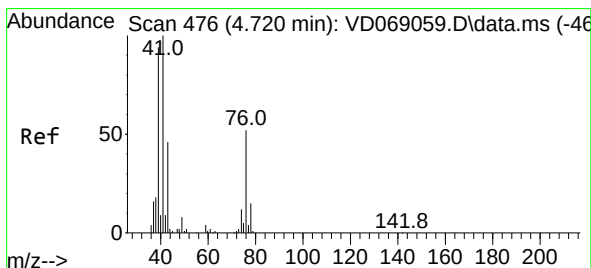
Tgt Ion: 76 Resp: 186572  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.2



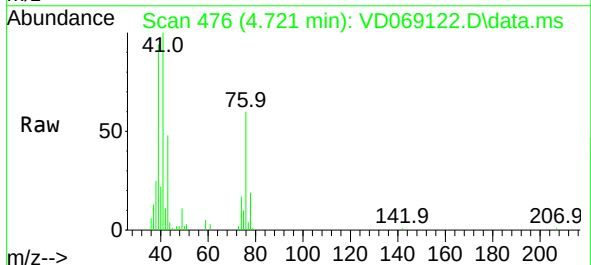
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

Manual Integrations  
APPROVED

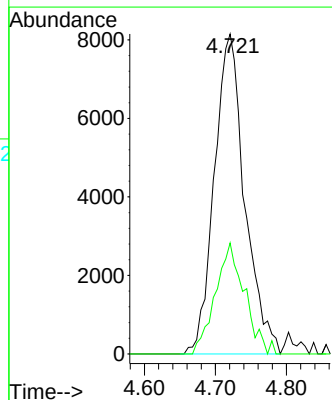
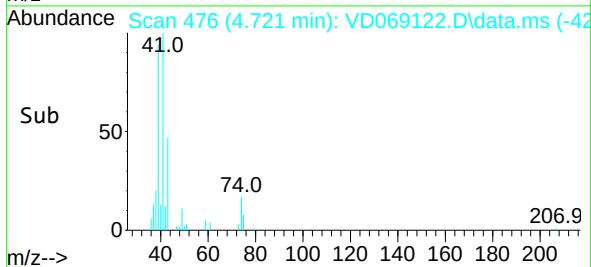
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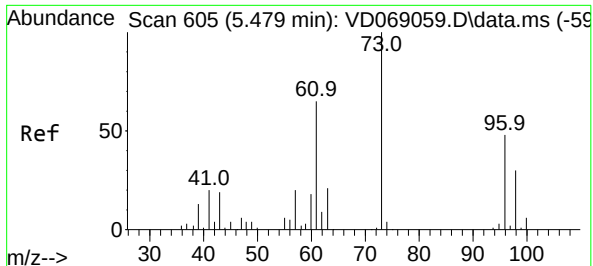


#18  
Methyl Acetate  
Concen: 17.48 ug/l  
RT: 4.721 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



Tgt Ion: 43 Resp: 24211  
Ion Ratio Lower Upper  
43 100  
74 33.3 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.38 ug/l

RT: 5.473 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD069122.D

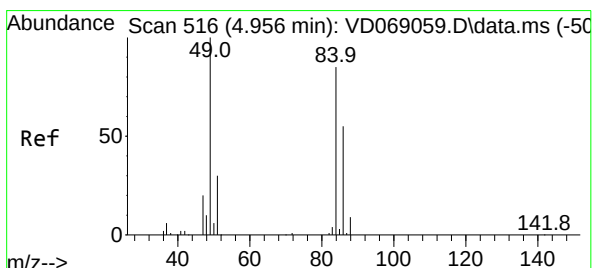
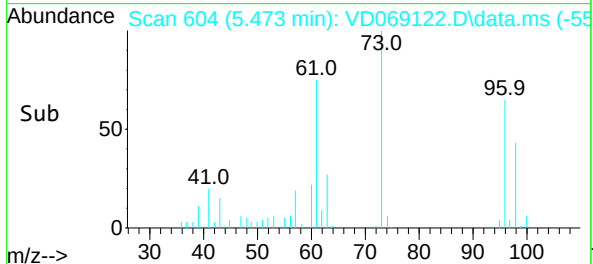
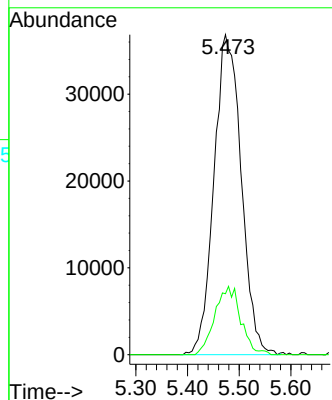
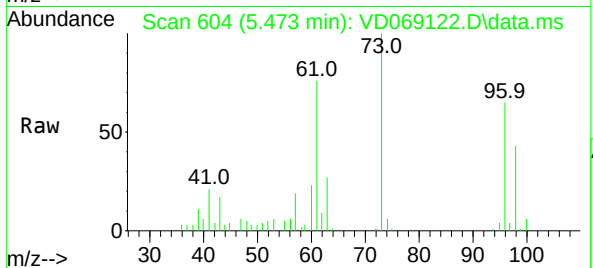
Acq: 10 May 2021 14:48

Tgt Ion: 73 Resp: 134727

Ion Ratio Lower Upper

73 100

57 19.0 16.4 24.6



#20

Methylene Chloride

Concen: 22.54 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.006 min

Lab File: VD069122.D

Acq: 10 May 2021 14:48

Tgt Ion: 84 Resp: 91549

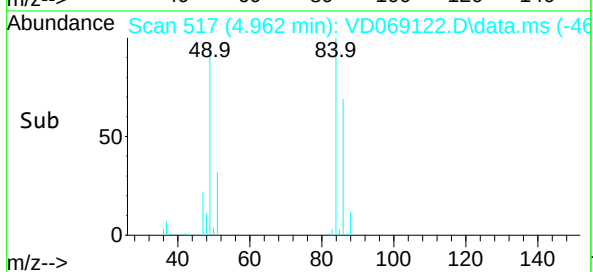
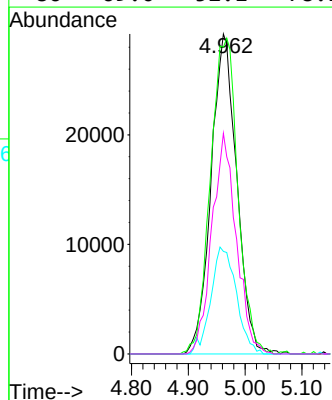
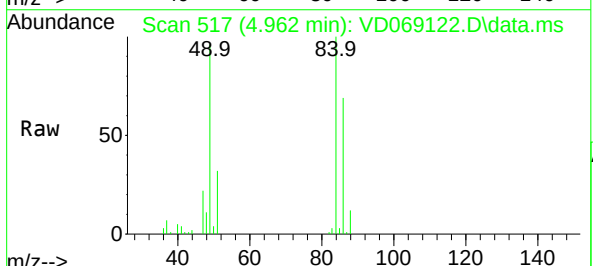
Ion Ratio Lower Upper

84 100

49 95.9 93.9 140.9

51 32.1 27.9 41.9

86 69.0 52.1 78.1



Instrument :

MSVOA\_D

ClientSampleId :

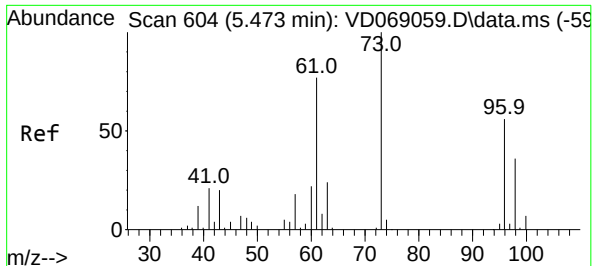
VD0510SBSD01

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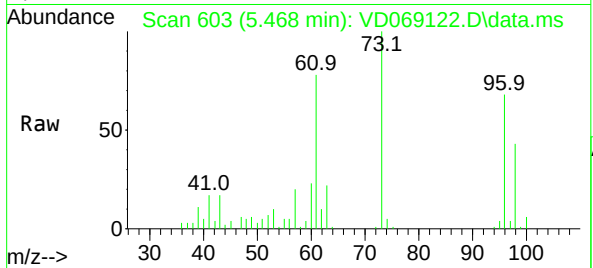
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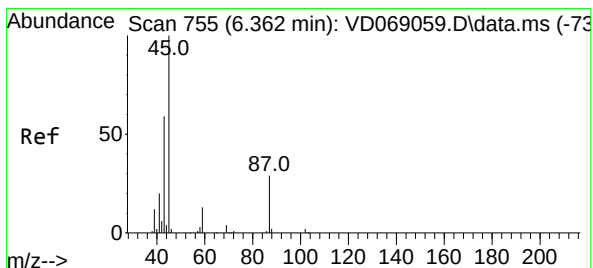
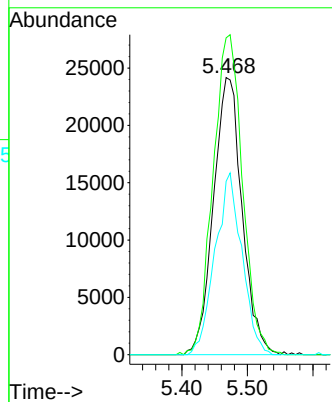
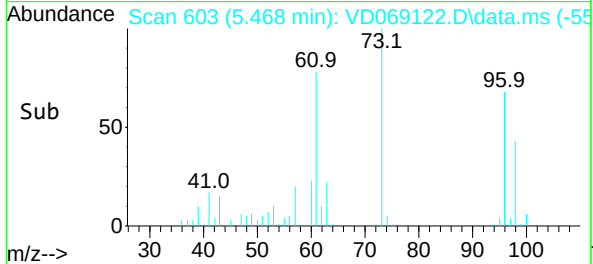
5/11/2021 10:36:28 AM



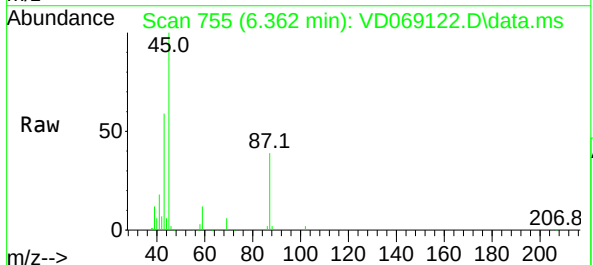
#21  
trans-1,2-Dichloroethene  
Concen: 21.29 ug/l  
RT: 5.468 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



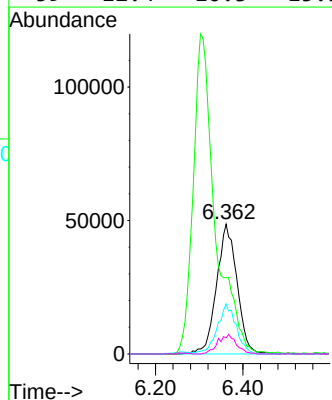
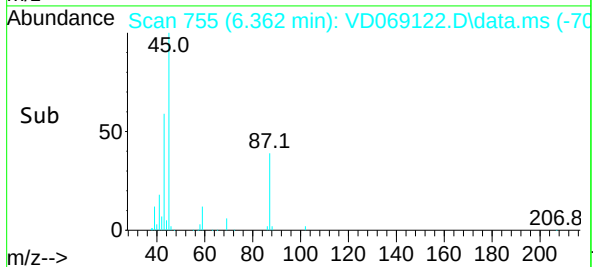
Tgt Ion: 96 Resp: 73152  
Ion Ratio Lower Upper  
96 100  
61 113.5 109.0 163.4  
98 62.5 51.2 76.8



#22  
Diisopropyl ether  
Concen: 18.91 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



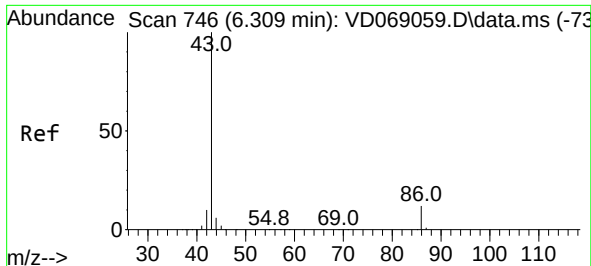
Tgt Ion: 45 Resp: 157284  
Ion Ratio Lower Upper  
45 100  
43 57.7 48.0 72.0  
87 38.3 23.6 35.4#  
59 12.4 10.3 15.5



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

Manual Integrations  
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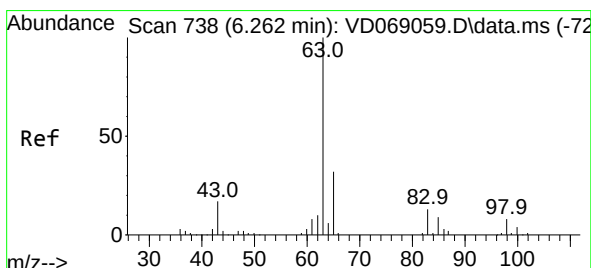
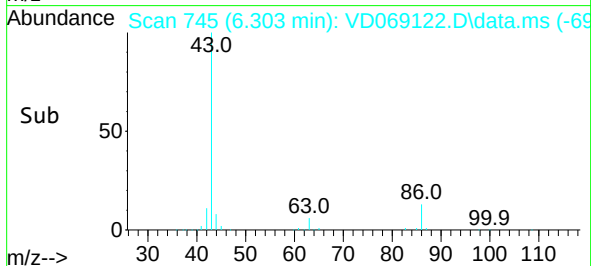
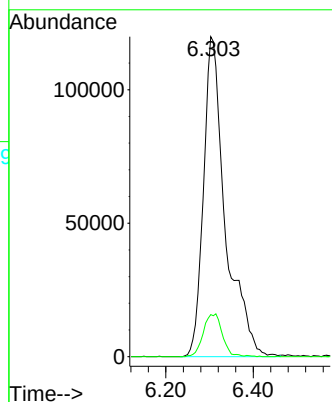
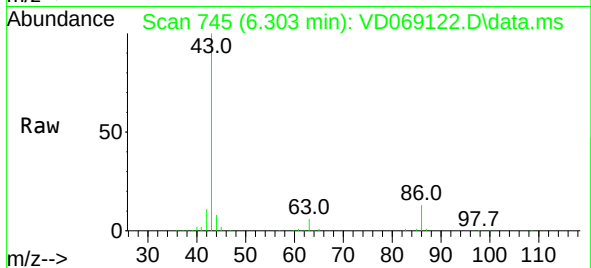
#23  
 Vinyl Acetate  
 Concen: 87.92 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.006 min  
 Lab File: VD069122.D  
 Acq: 10 May 2021 14:48

Tgt Ion: 43 Resp: 418093  
 Ion Ratio Lower Upper  
 43 100  
 86 13.2 9.6 14.4

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0510SBSD01

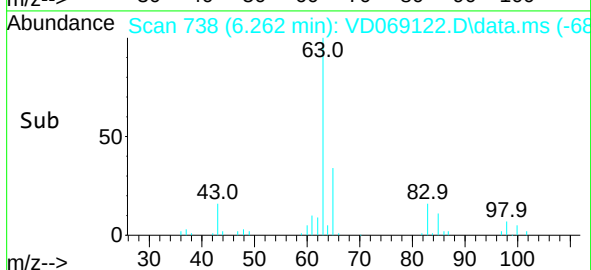
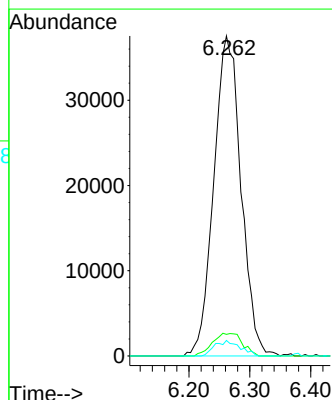
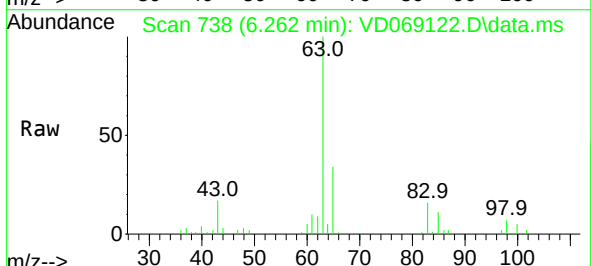
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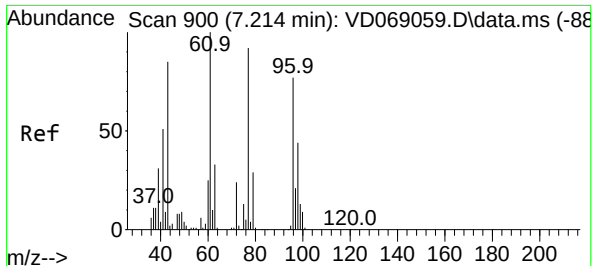


#24  
 1,1-Dichloroethane  
 Concen: 19.83 ug/l  
 RT: 6.262 min Scan# 738  
 Delta R.T. 0.000 min  
 Lab File: VD069122.D  
 Acq: 10 May 2021 14:48

Tgt Ion: 63 Resp: 116484  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.9 11.7  
 100 4.9 2.1 6.5







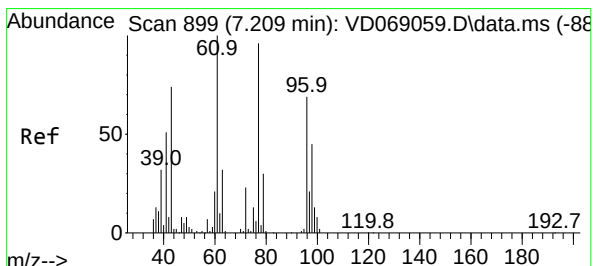
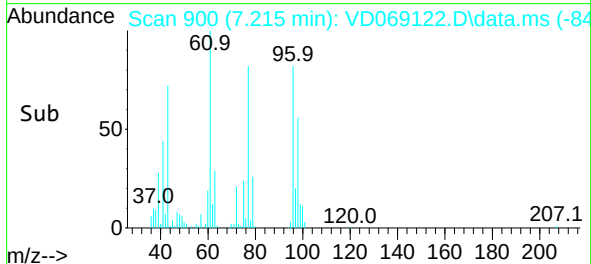
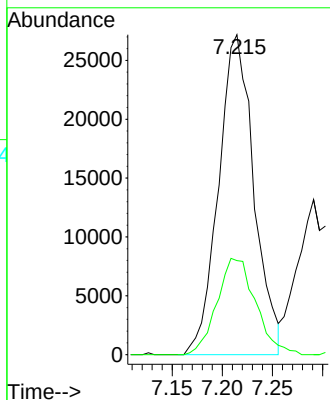
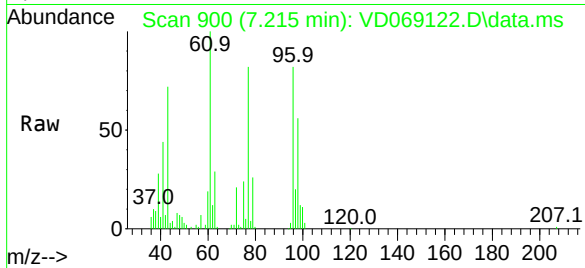
#25  
2-Butanone  
Concen: 87.74 ug/l  
RT: 7.215 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 43 Resp: 66710  
Ion Ratio Lower Upper  
43 100  
72 29.4 23.0 34.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

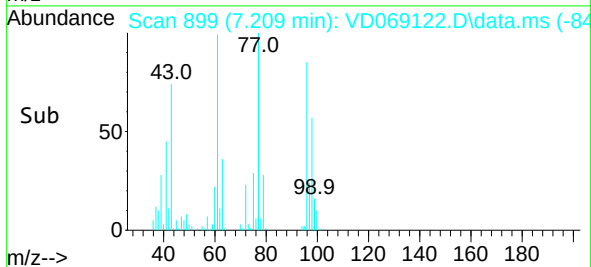
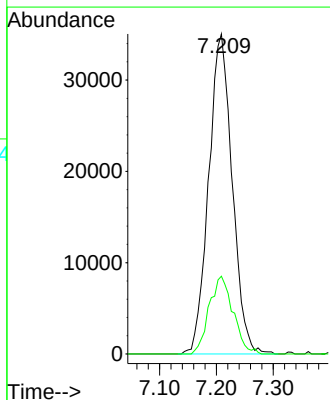
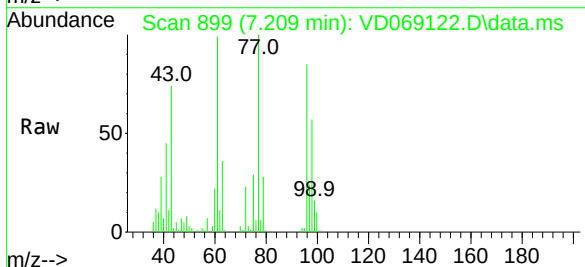
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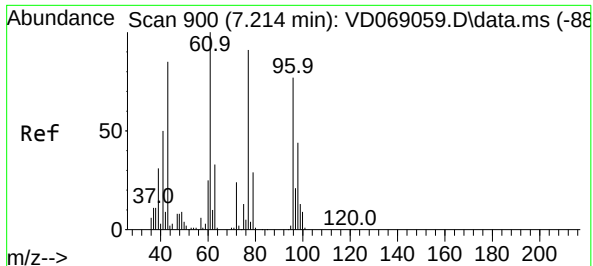
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#26  
2,2-Dichloropropane  
Concen: 18.38 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 77 Resp: 100839  
Ion Ratio Lower Upper  
77 100  
97 24.7 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 21.99 ug/l

RT: 7.215 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069122.D

Acq: 10 May 2021 14:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 81545 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 123.1 | 0.0   | 278.0 |
| 98       | 63.1  | 0.0   | 126.0 |

Instrument :

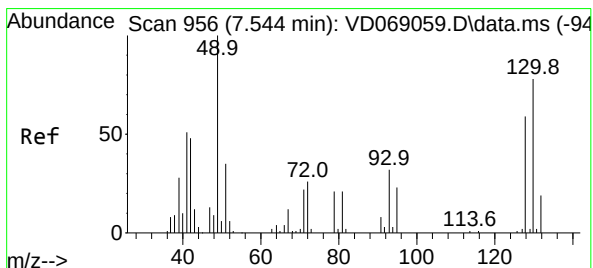
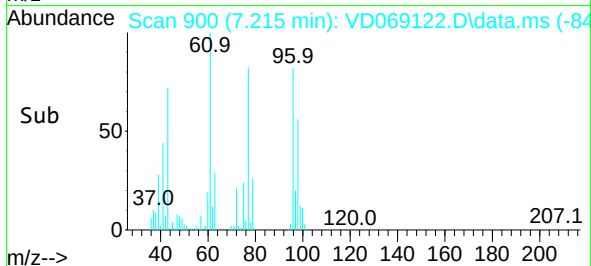
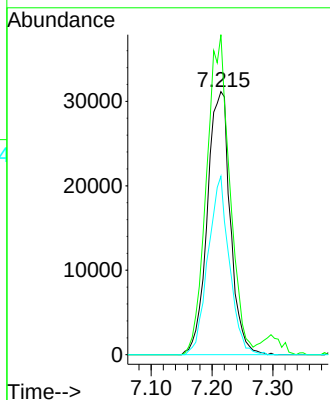
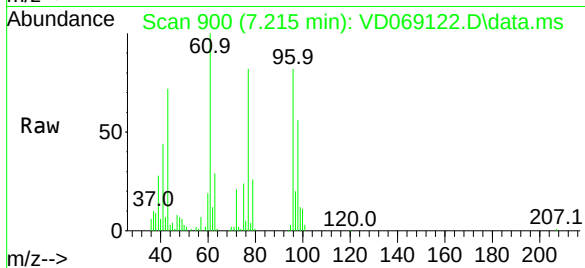
MSVOA\_D

ClientSampleId :

VD0510SBS01

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#28

Bromochloromethane

Concen: 18.29 ug/l

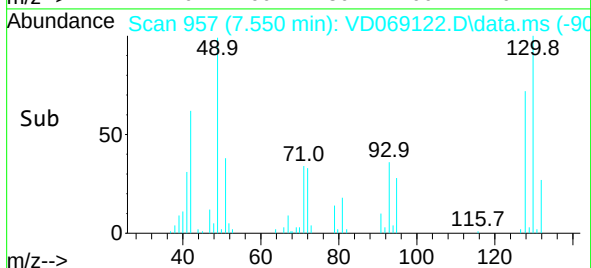
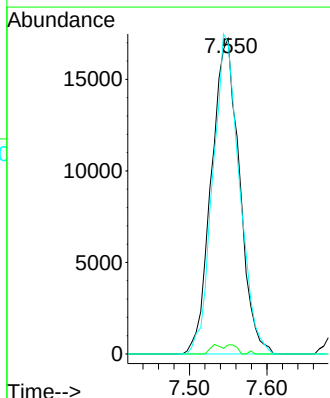
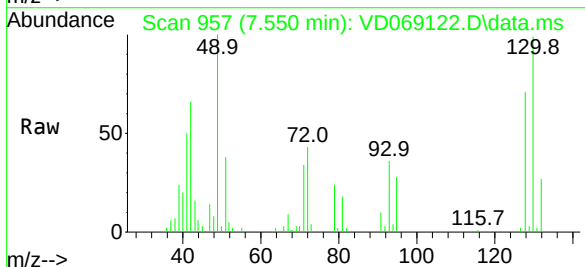
RT: 7.550 min Scan# 957

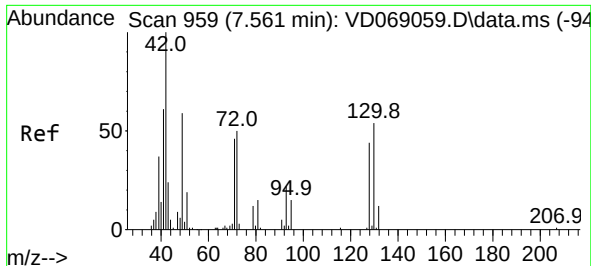
Delta R.T. 0.006 min

Lab File: VD069122.D

Acq: 10 May 2021 14:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 43370 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.1   | 0.0   | 5.2   |
| 130      | 96.0  | 64.9  | 97.3  |





#29

Tetrahydrofuran

Concen: 91.36 ug/l

RT: 7.562 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD069122.D

Acq: 10 May 2021 14:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 42730 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 53.7  | 39.4  | 59.0  |
| 71       | 54.3  | 38.4  | 57.6  |

Instrument :

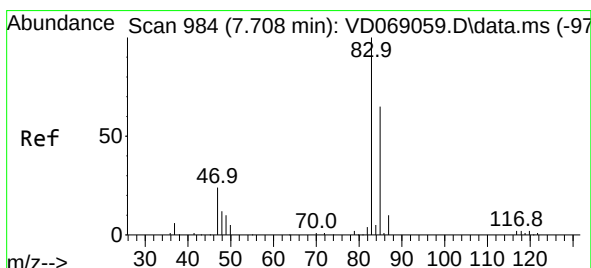
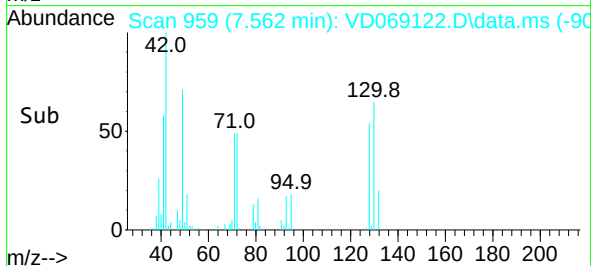
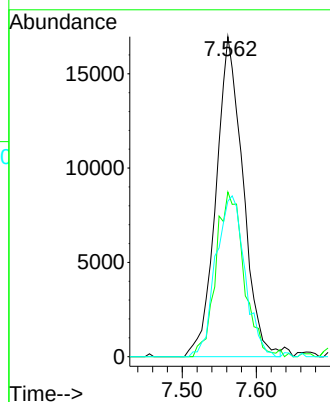
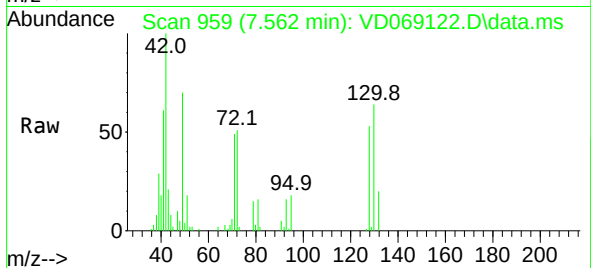
MSVOA\_D

ClientSampleId :

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#30

Chloroform

Concen: 20.37 ug/l

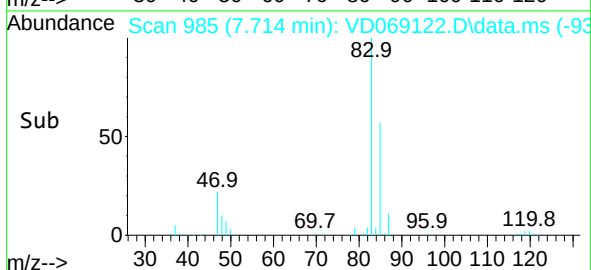
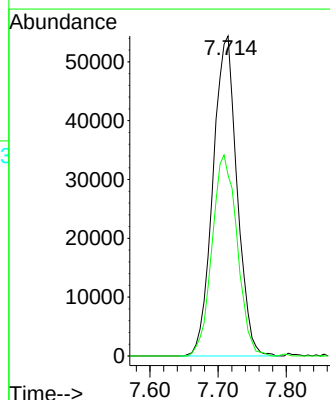
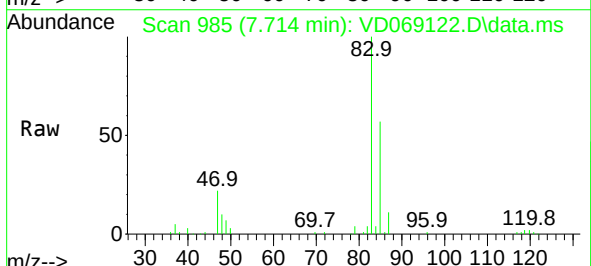
RT: 7.714 min Scan# 985

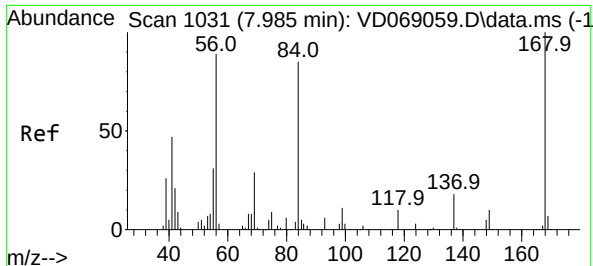
Delta R.T. 0.006 min

Lab File: VD069122.D

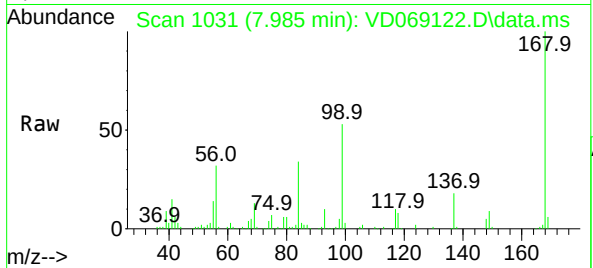
Acq: 10 May 2021 14:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 133831 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 56.6  | 52.4  | 78.6   |

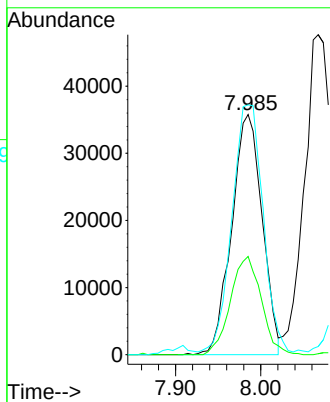
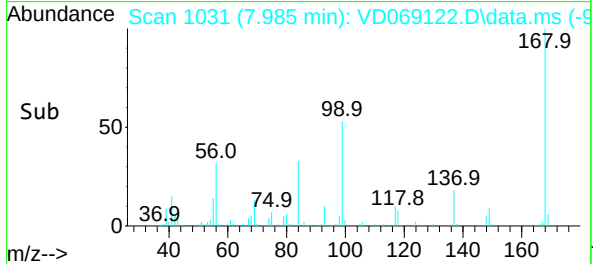




#31  
Cyclohexane  
Concen: 17.23 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



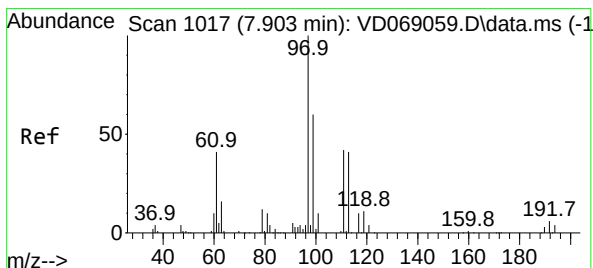
Tgt Ion: 56 Resp: 88896  
Ion Ratio Lower Upper  
56 100  
69 40.9 26.3 39.5#  
84 101.2 75.9 113.9



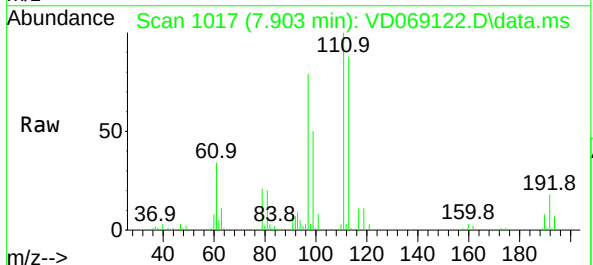
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

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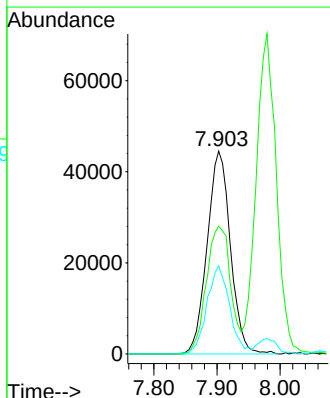
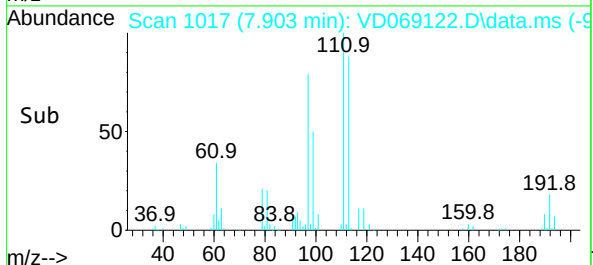
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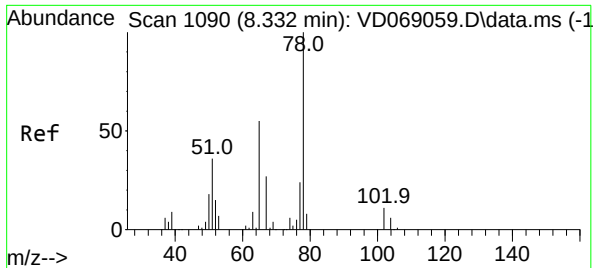


#32  
1,1,1-Trichloroethane  
Concen: 19.01 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



Tgt Ion: 97 Resp: 114049  
Ion Ratio Lower Upper  
97 100  
99 65.7 51.1 76.7  
61 42.4 34.6 52.0





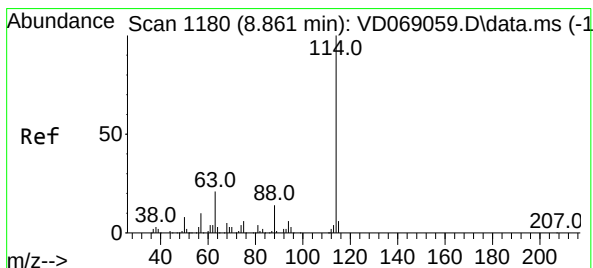
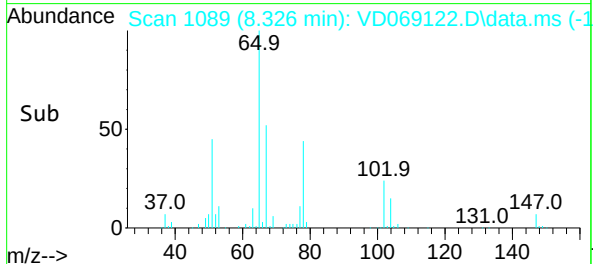
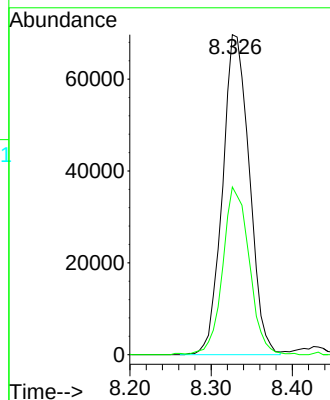
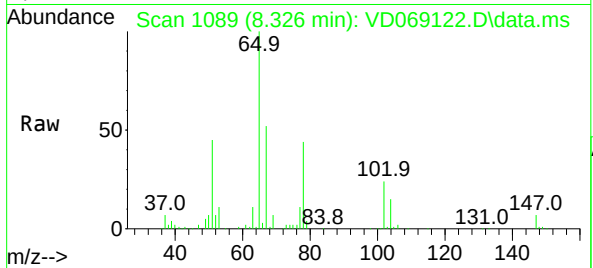
#33  
1,2-Dichloroethane-d4  
Concen: 45.02 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 65 Resp: 160107  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 103.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBS01

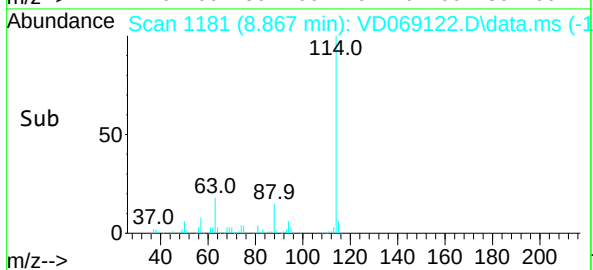
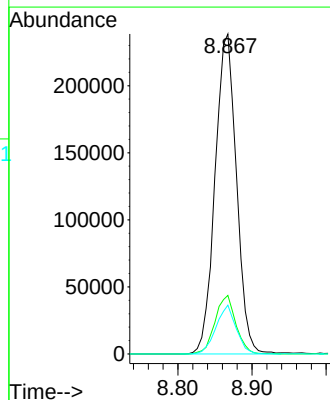
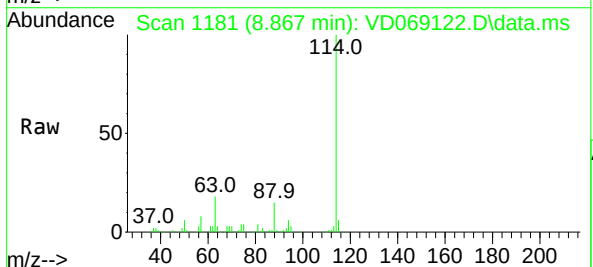
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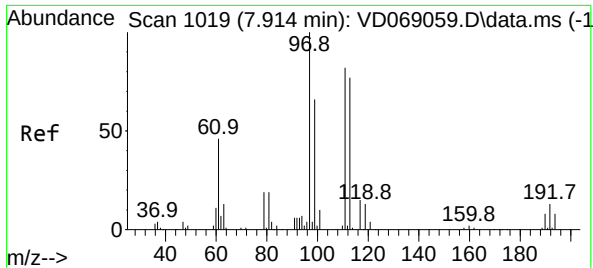
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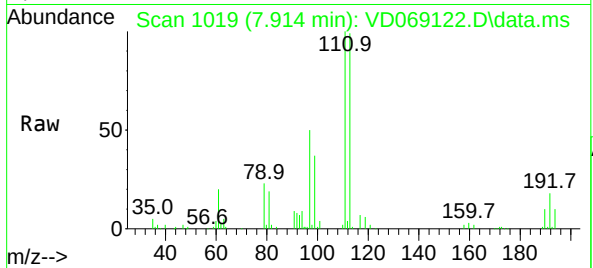
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 114 Resp: 479150  
Ion Ratio Lower Upper  
114 100  
63 18.3 0.0 41.4  
88 15.3 0.0 27.8

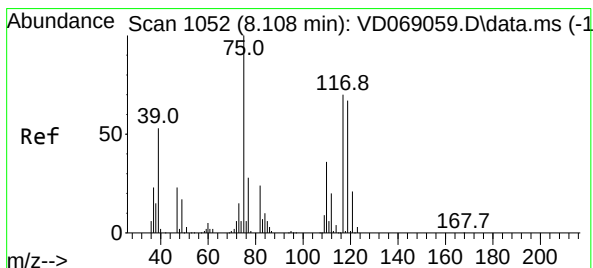
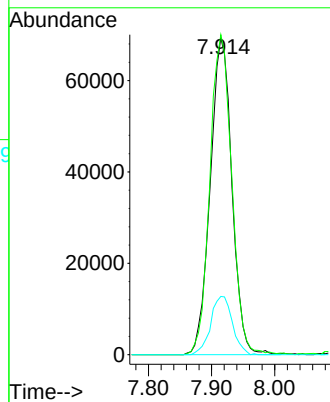
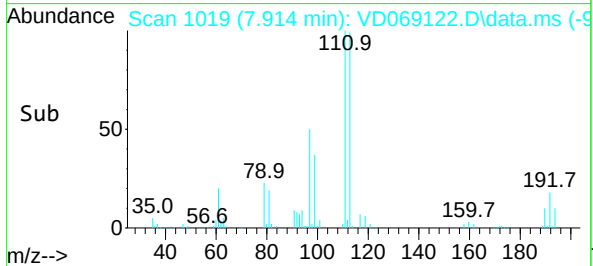




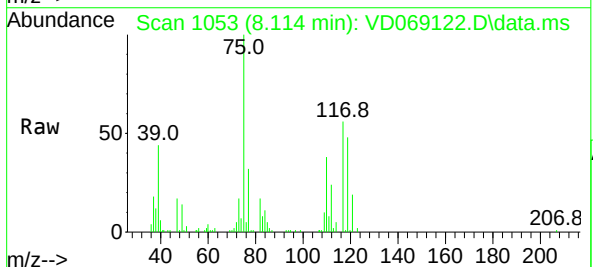
#35  
Dibromofluoromethane  
Concen: 50.29 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



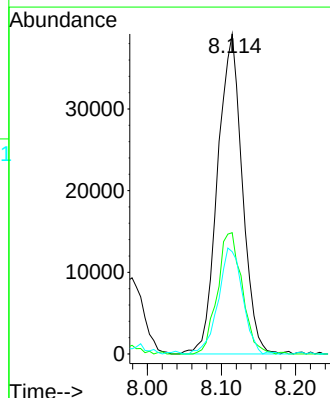
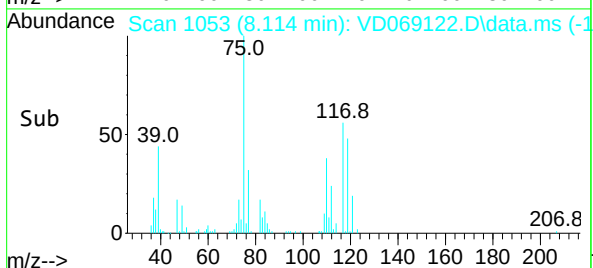
Tgt Ion: 113 Resp: 165246  
Ion Ratio Lower Upper  
113 100  
111 102.1 84.6 126.8  
192 18.4 13.5 20.3



#36  
1,1-Dichloropropene  
Concen: 17.95 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



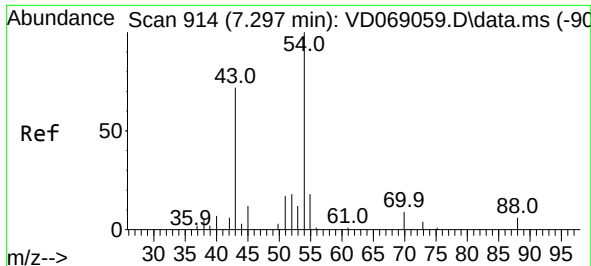
Tgt Ion: 75 Resp: 90482  
Ion Ratio Lower Upper  
75 100  
110 38.0 17.3 51.7  
77 32.8 23.9 35.9



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

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#37

Ethyl Acetate

Concen: 16.07 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD069122.D

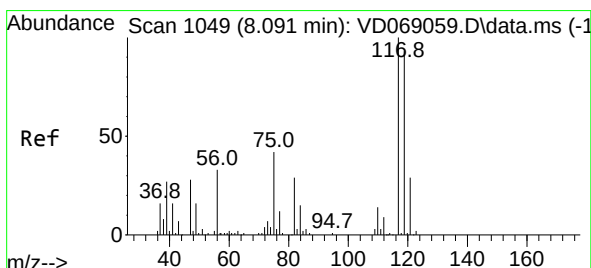
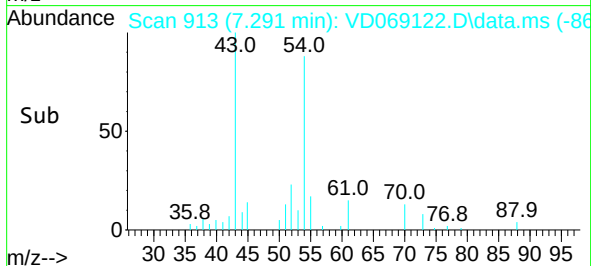
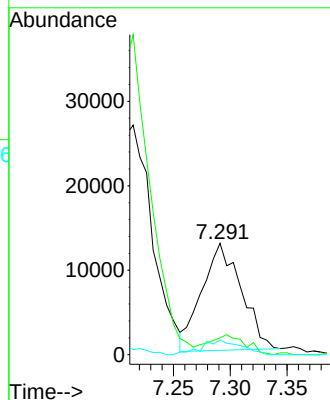
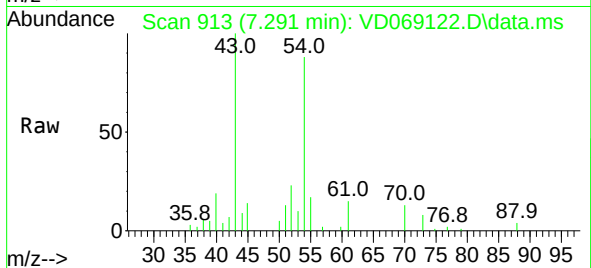
Acq: 10 May 2021 14:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 30551 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 17.5  | 11.0  | 16.4# |
| 70        | 13.4  | 8.5   | 12.7# |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBS01

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#38

Carbon Tetrachloride

Concen: 18.74 ug/l

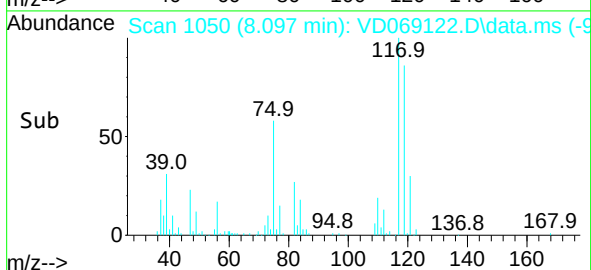
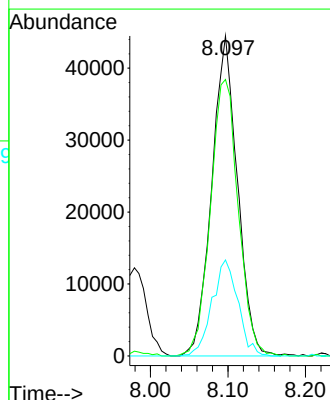
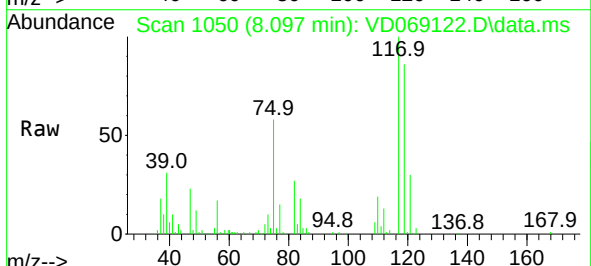
RT: 8.097 min Scan# 1050

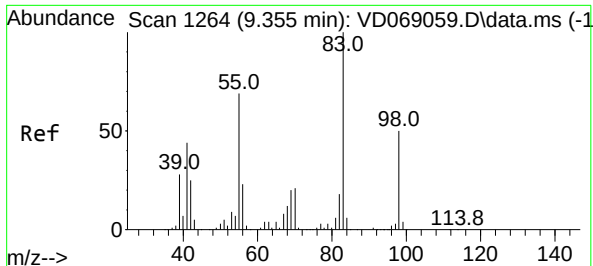
Delta R.T. 0.006 min

Lab File: VD069122.D

Acq: 10 May 2021 14:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 102475 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 86.4  | 74.7  | 112.1  |
| 121       | 30.0  | 23.1  | 34.7   |





#39

Methylcyclohexane

Concen: 18.84 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD069122.D

Acq: 10 May 2021 14:48

Tgt Ion: 83 Resp: 103874

Ion Ratio Lower Upper

83 100

55 65.7 55.6 83.4

98 49.7 39.8 59.8

Instrument :

MSVOA\_D

ClientSampleId :

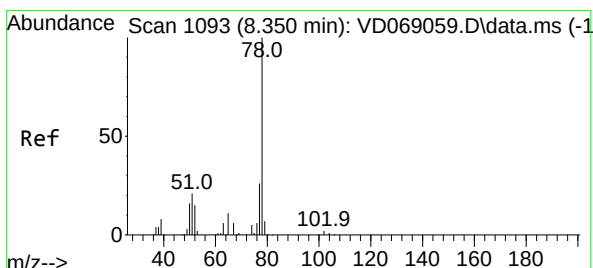
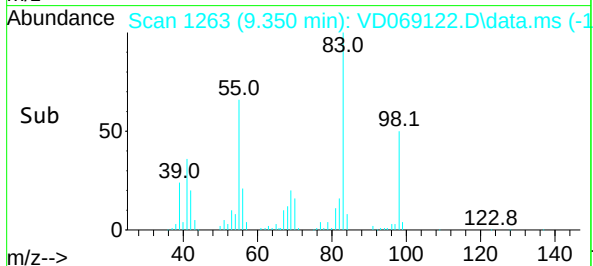
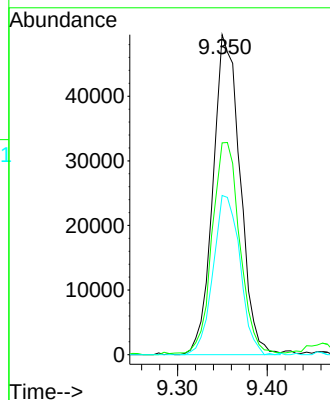
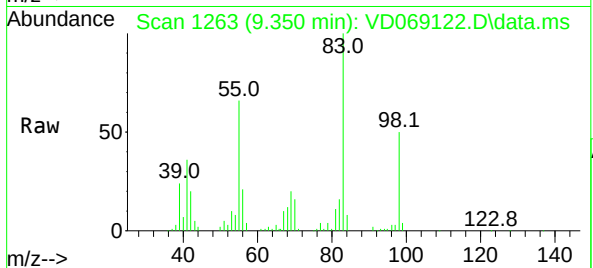
VD0510SBS01

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#40

Benzene

Concen: 20.13 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD069122.D

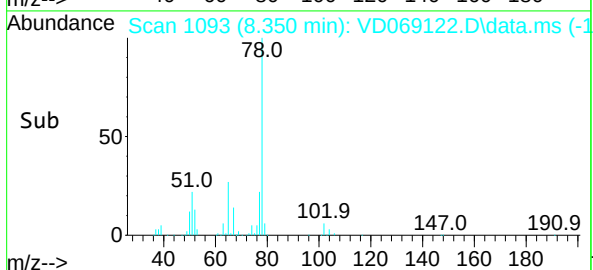
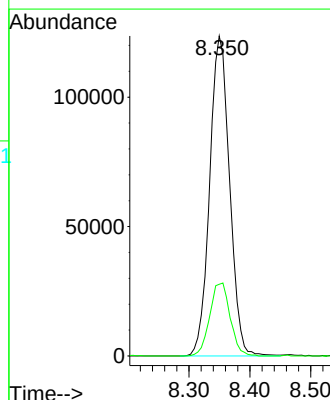
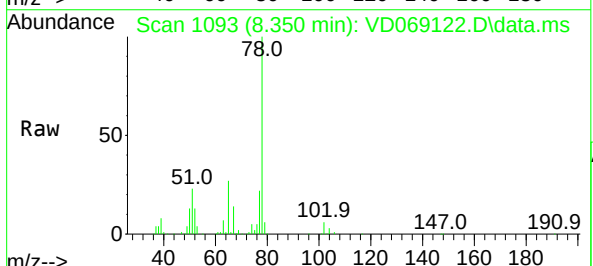
Acq: 10 May 2021 14:48

Tgt Ion: 78 Resp: 280826

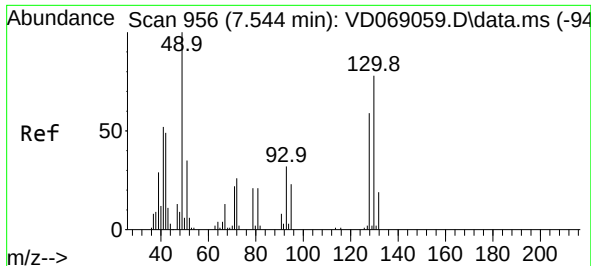
Ion Ratio Lower Upper

78 100

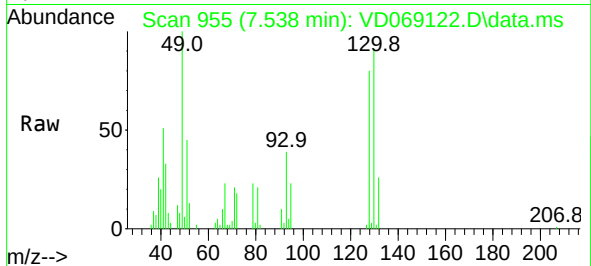
77 22.4 20.5 30.7



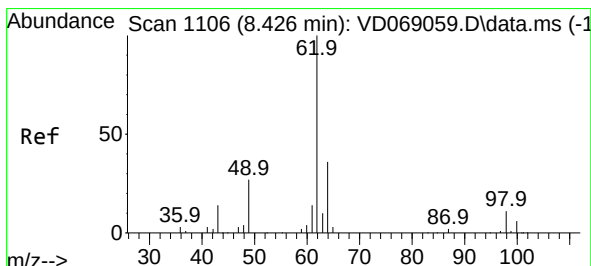
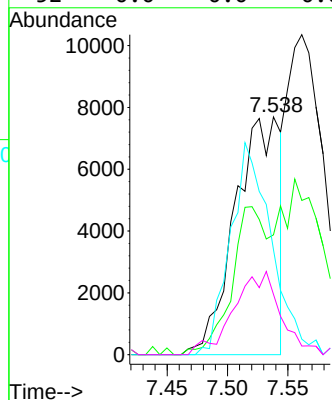
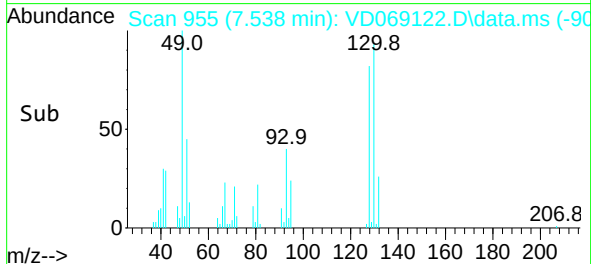




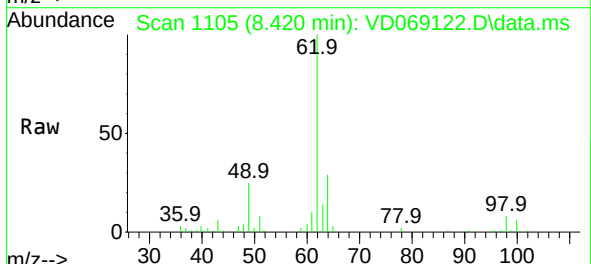
#41  
Methacrylonitrile  
Concen: 18.23 ug/l m  
RT: 7.538 min Scan# 955  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



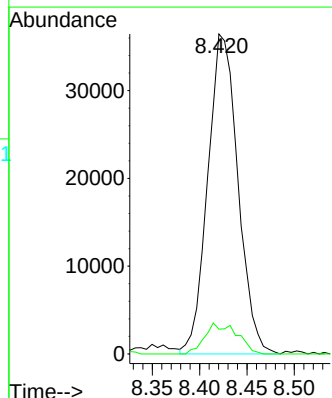
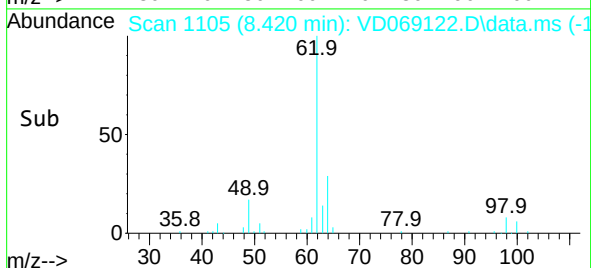
Tgt Ion: 41 Resp: 20089  
Ion Ratio Lower Upper  
41 100  
39 70.5 55.4 83.2  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 18.52 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



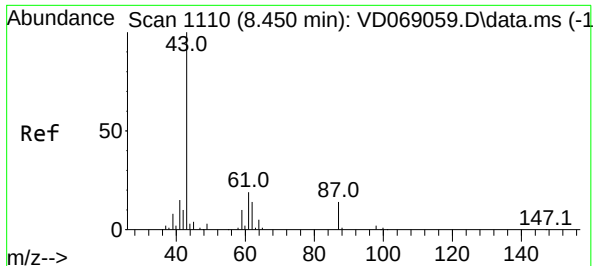
Tgt Ion: 62 Resp: 80760  
Ion Ratio Lower Upper  
62 100  
98 10.3 0.0 18.2



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

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#43

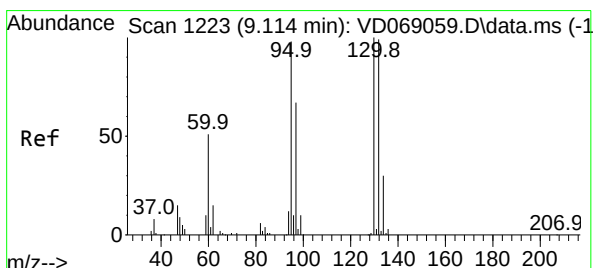
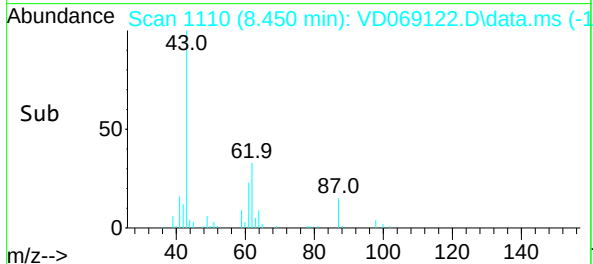
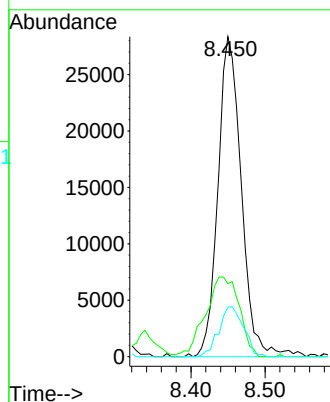
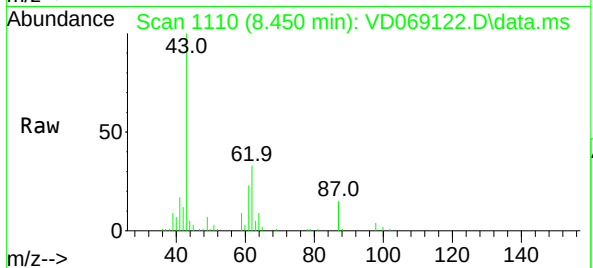
Isopropyl Acetate  
Concen: 17.28 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 36.5  | 26.1  | 39.1  |
| 87      | 16.7  | 11.7  | 17.5  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

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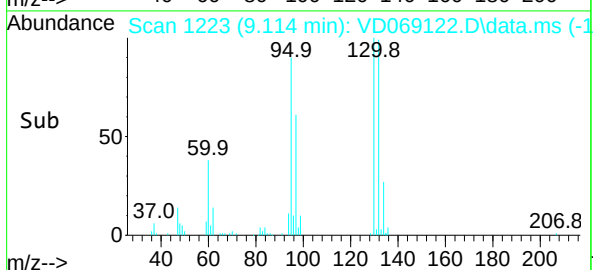
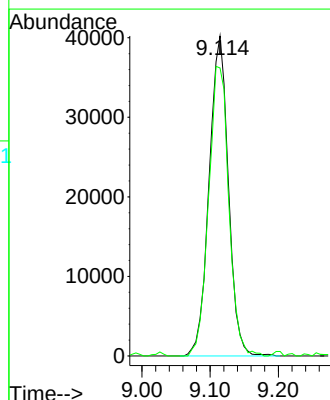
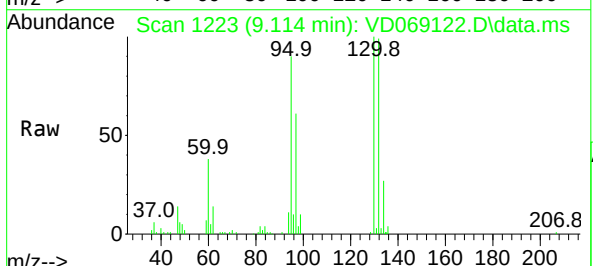
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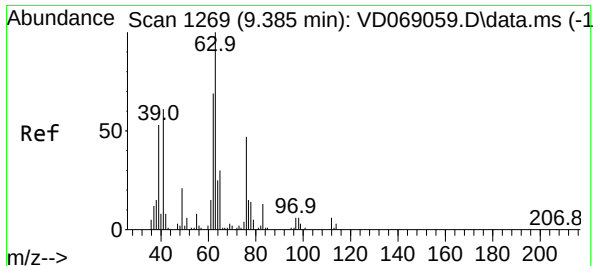


#44

Trichloroethene  
Concen: 21.31 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 90.0  | 0.0   | 196.2 |

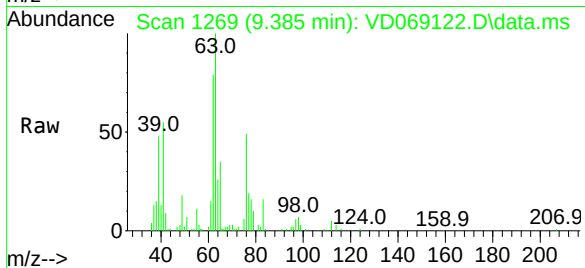




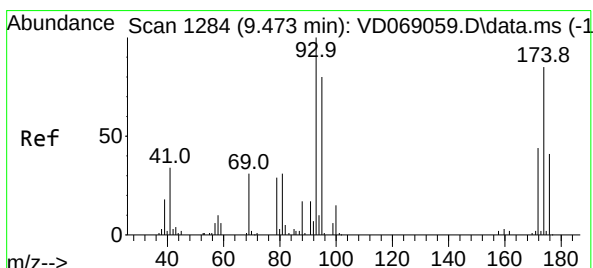
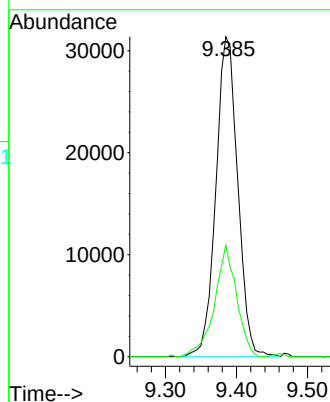
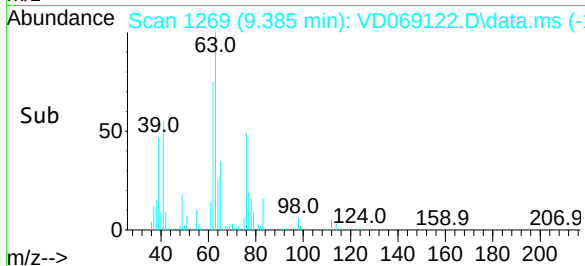
#45

1,2-Dichloropropane  
Concen: 19.48 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

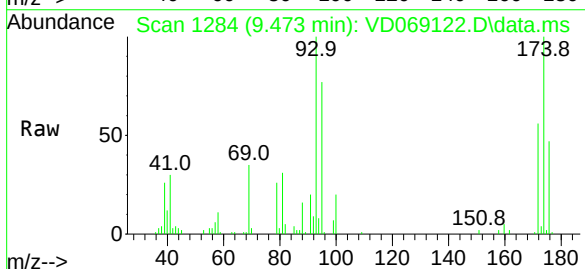


Tgt Ion: 63 Resp: 66900  
Ion Ratio Lower Upper  
63 100  
65 34.9 24.2 36.2

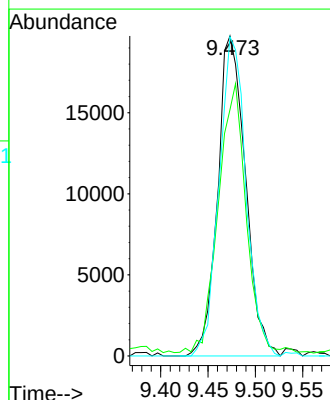
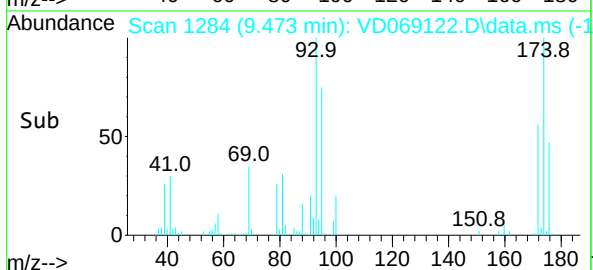


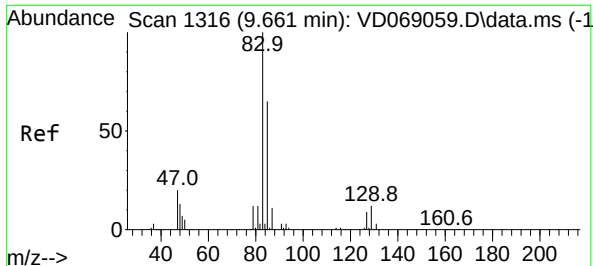
#46

Dibromomethane  
Concen: 20.41 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

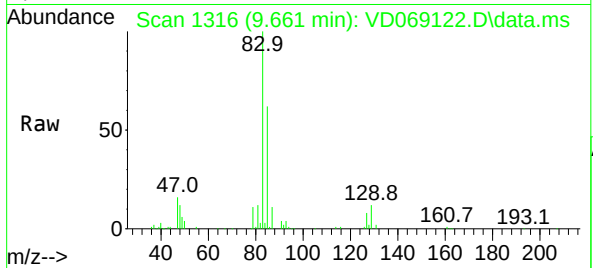


Tgt Ion: 93 Resp: 40298  
Ion Ratio Lower Upper  
93 100  
95 85.9 66.2 99.2  
174 96.6 68.9 103.3

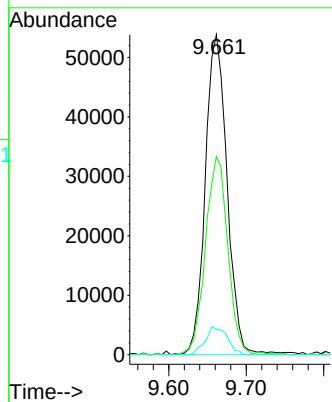
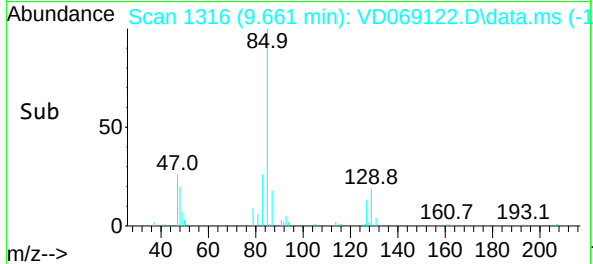




#47  
Bromodichloromethane  
Concen: 20.22 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



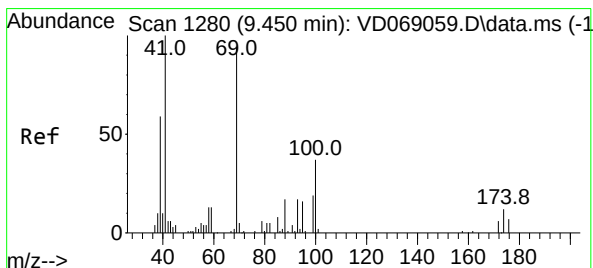
Tgt Ion: 83 Resp: 104940  
Ion Ratio Lower Upper  
83 100  
85 61.6 52.1 78.1  
127 8.0 7.0 10.4



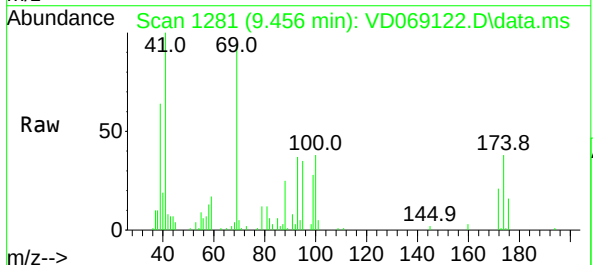
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

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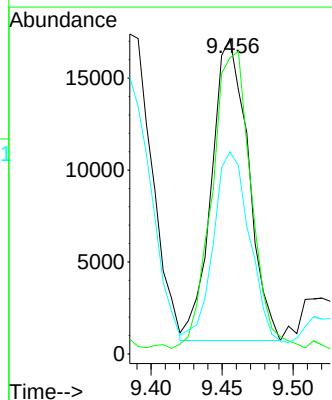
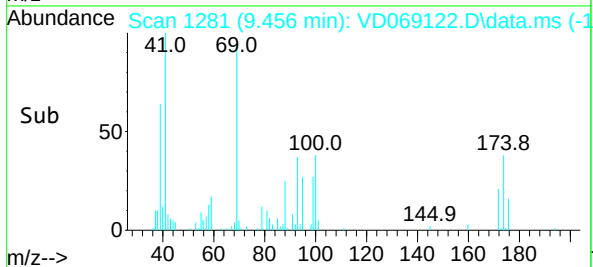
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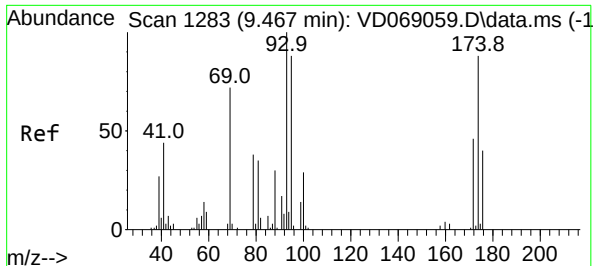


#48  
Methyl methacrylate  
Concen: 16.80 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

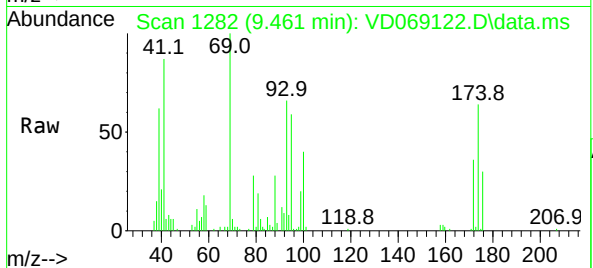


Tgt Ion: 41 Resp: 29523  
Ion Ratio Lower Upper  
41 100  
69 105.8 73.9 110.9  
39 70.2 51.0 76.4

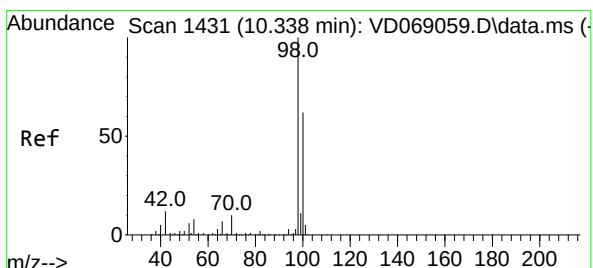
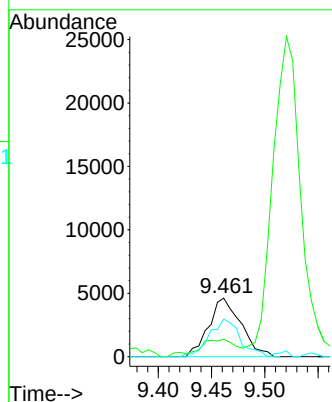
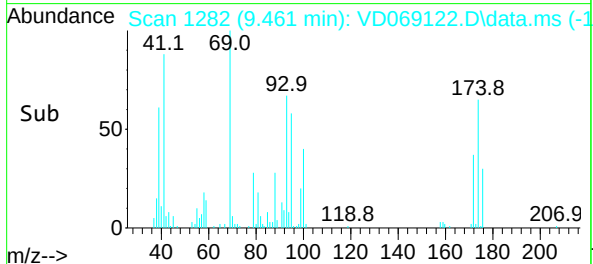




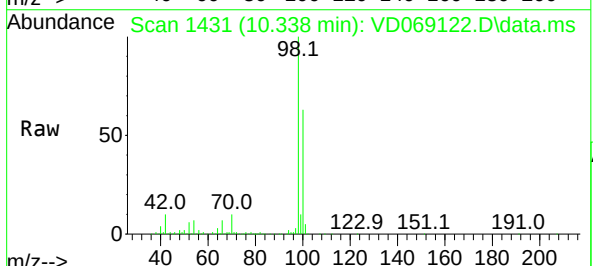
#49  
1,4-Dioxane  
Concen: 424.71 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



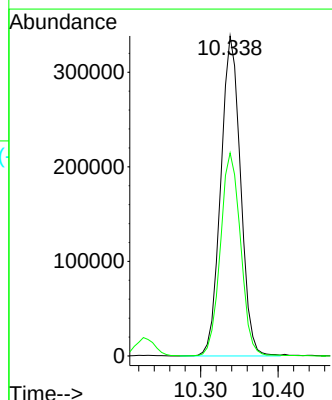
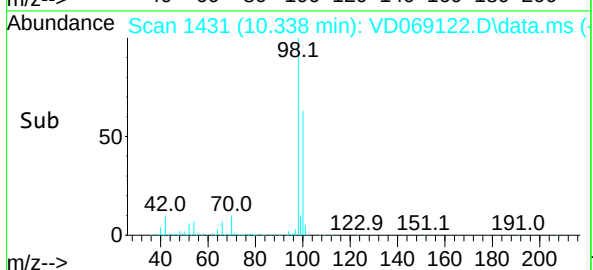
Tgt Ion: 88 Resp: 9694  
Ion Ratio Lower Upper  
88 100  
43 34.5 32.0 48.0  
58 60.4 52.4 78.6



#50  
Toluene-d8  
Concen: 49.48 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



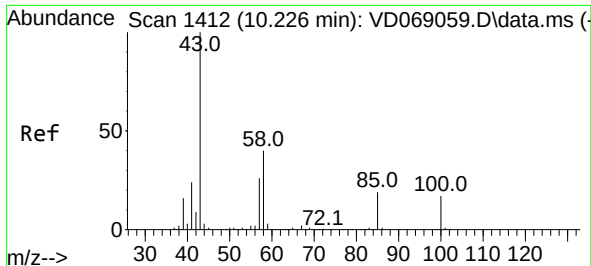
Tgt Ion: 98 Resp: 600264  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.6 77.4



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

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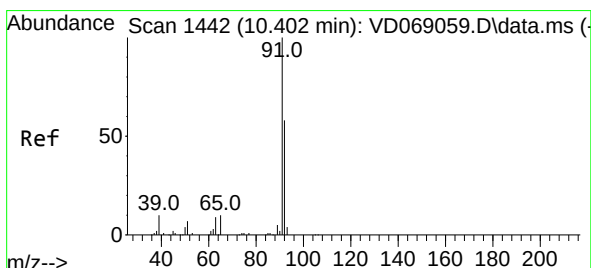
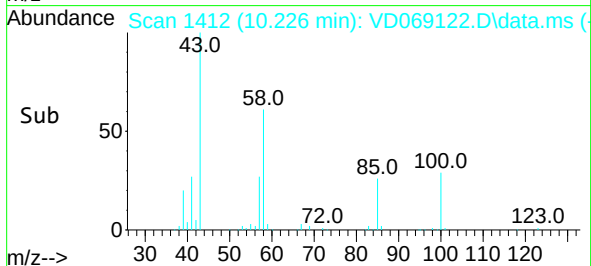
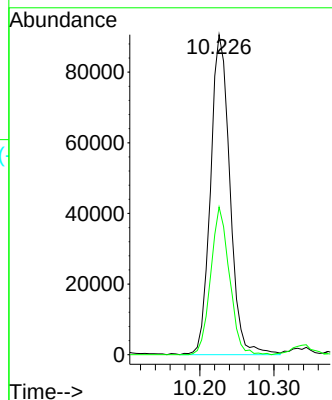
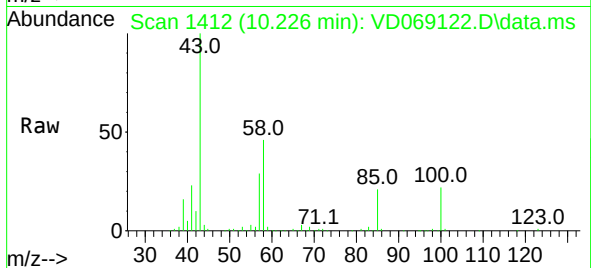
#51  
4-Methyl-2-Pentanone  
Concen: 90.24 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 43 Resp: 164622  
Ion Ratio Lower Upper  
43 100  
58 44.5 32.7 49.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

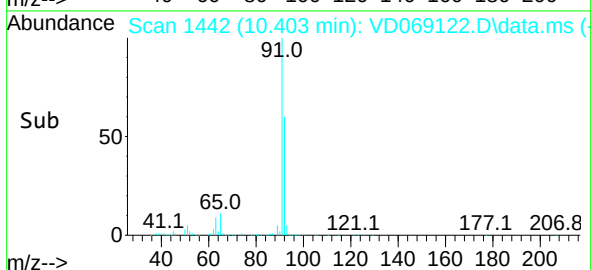
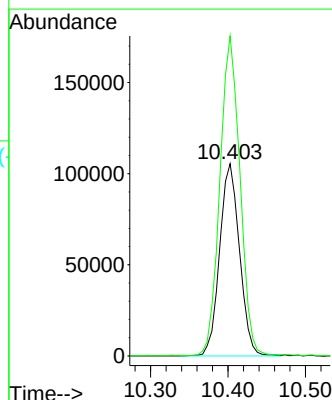
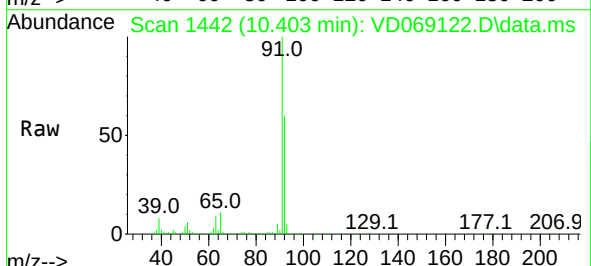
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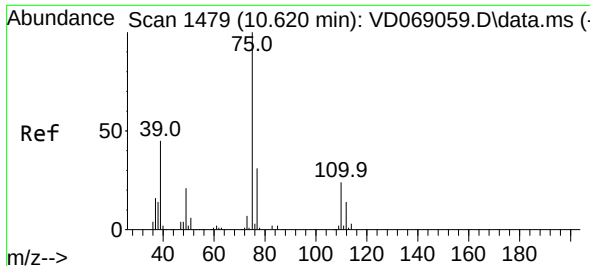
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5/11/2021 10:36:28 AM



#52  
Toluene  
Concen: 21.23 ug/l  
RT: 10.403 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 92 Resp: 187896  
Ion Ratio Lower Upper  
92 100  
91 168.3 138.2 207.2





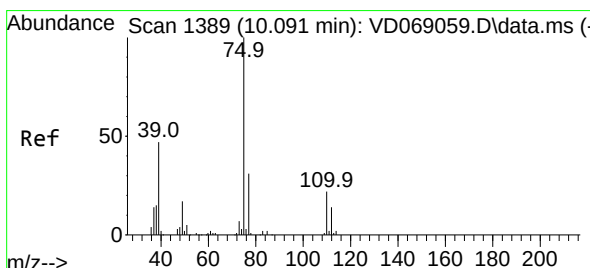
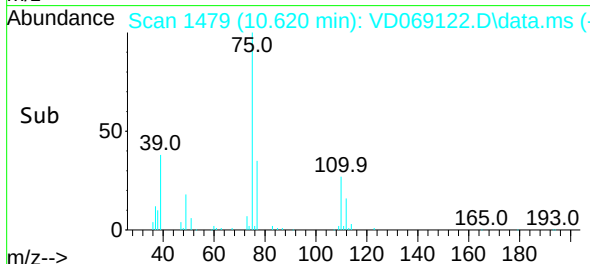
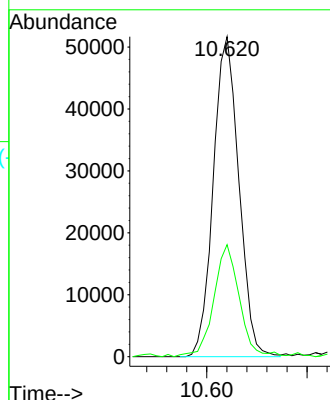
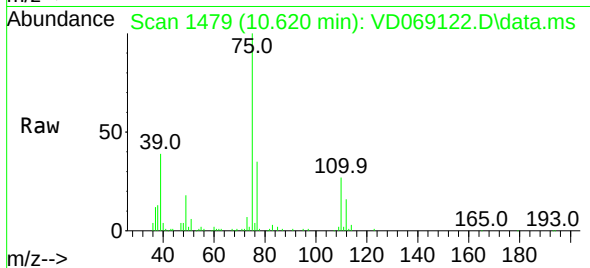
#53  
t-1,3-Dichloropropene  
Concen: 20.23 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 75 Resp: 91261  
Ion Ratio Lower Upper  
75 100  
77 34.5 24.6 37.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBS01

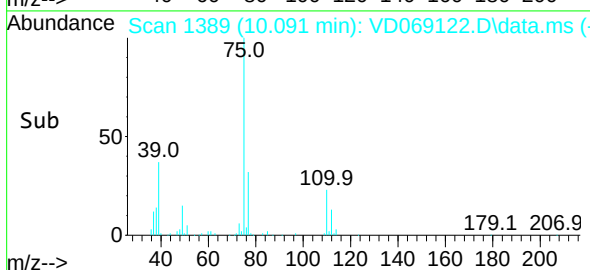
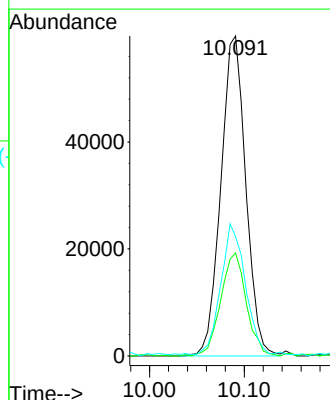
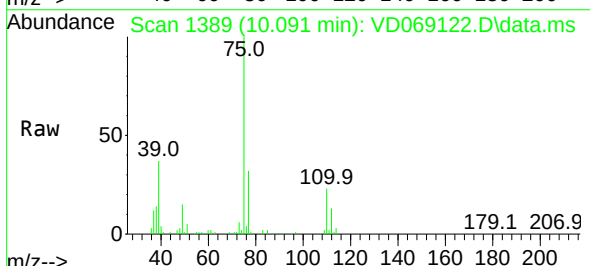
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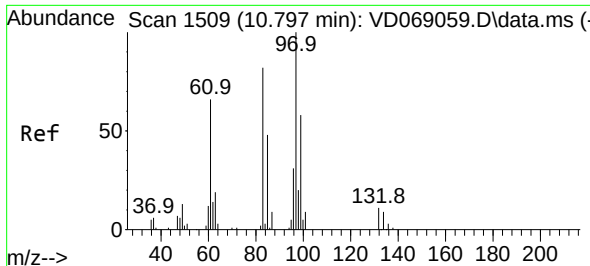
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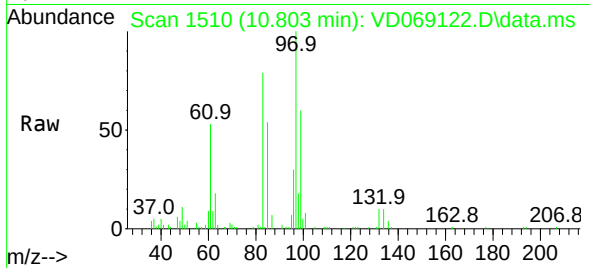
#54  
cis-1,3-Dichloropropene  
Concen: 20.52 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 75 Resp: 109459  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.9 37.3  
39 36.8 37.8 56.8#

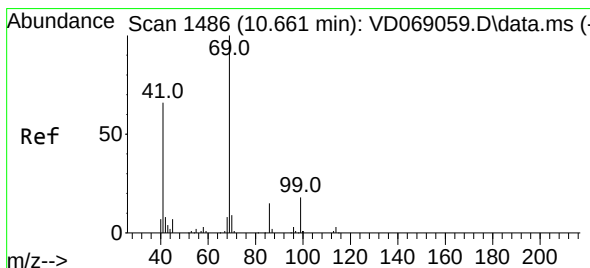
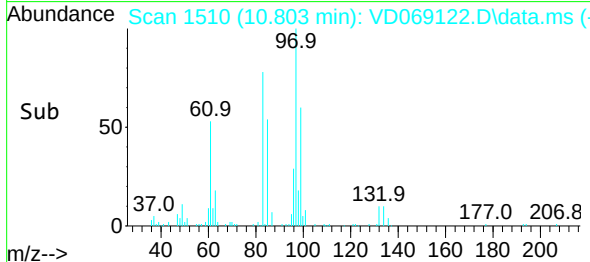
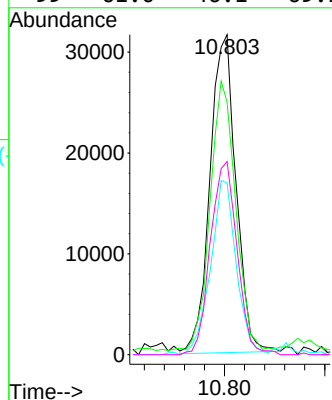




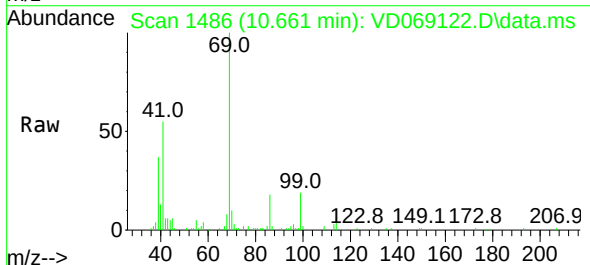
#55  
1,1,2-Trichloroethane  
Concen: 21.71 ug/l  
RT: 10.803 min Scan# 1510  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



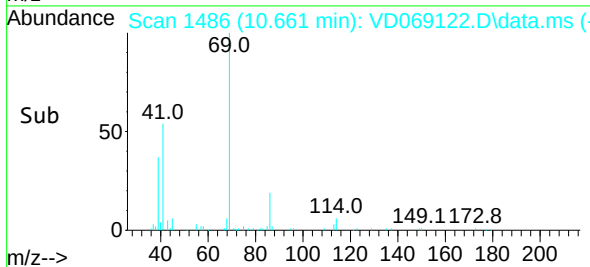
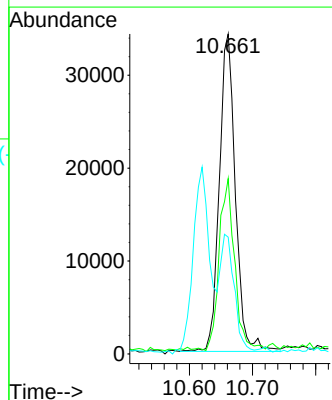
| Tgt Ion:  | 97   | Resp: | 56916 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 97        | 100  |       |       |
| 83        | 77.7 | 65.8  | 98.8  |
| 85        | 54.3 | 38.6  | 57.8  |
| 99        | 61.0 | 46.1  | 69.1  |



#56  
Ethyl methacrylate  
Concen: 20.60 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



| Tgt Ion:  | 69   | Resp: | 60397 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 69        | 100  |       |       |
| 41        | 50.8 | 49.2  | 73.8  |
| 39        | 30.6 | 29.8  | 44.6  |

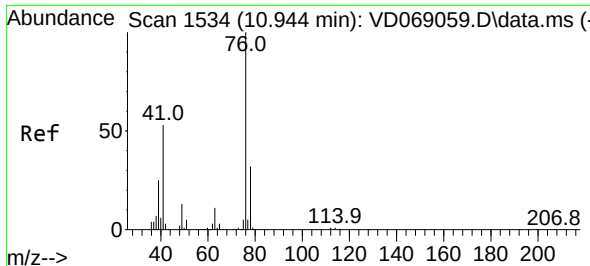


Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

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5/11/2021 10:36:28 AM





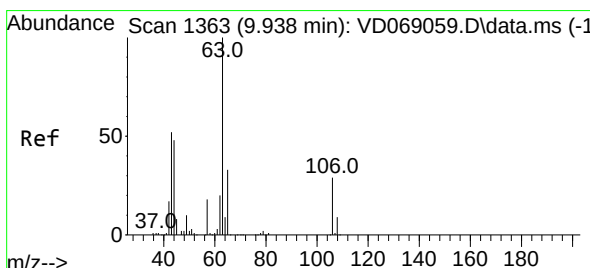
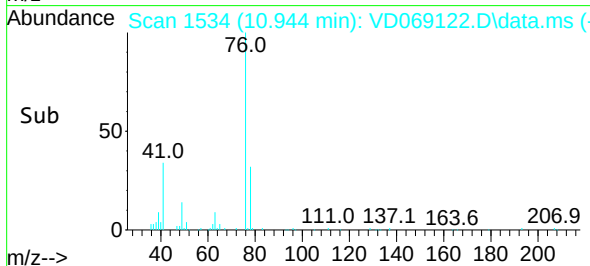
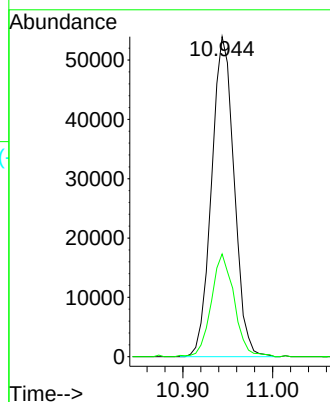
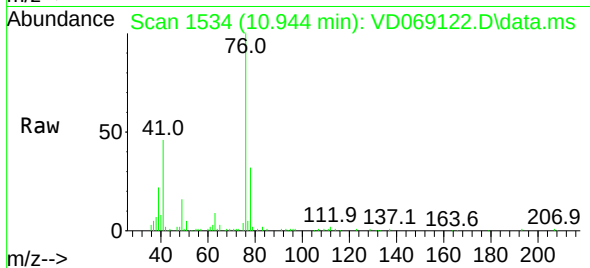
#57  
1,3-Dichloropropane  
Concen: 21.32 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 76 Resp: 94189  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.9 38.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

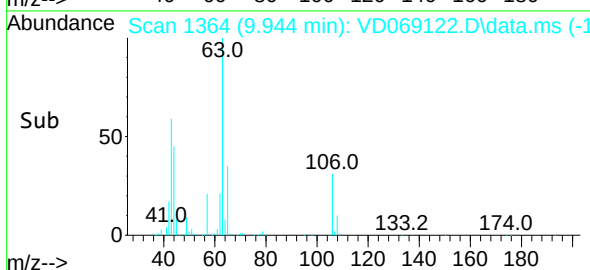
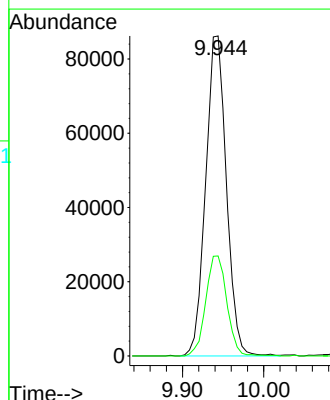
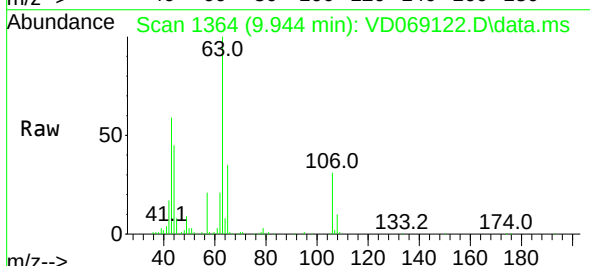
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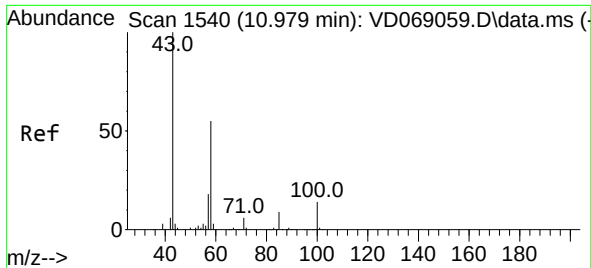
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5/11/2021 10:36:28 AM



#58  
2-Chloroethyl Vinyl ether  
Concen: 100.90 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 63 Resp: 153165  
Ion Ratio Lower Upper  
63 100  
106 31.8 23.5 35.3





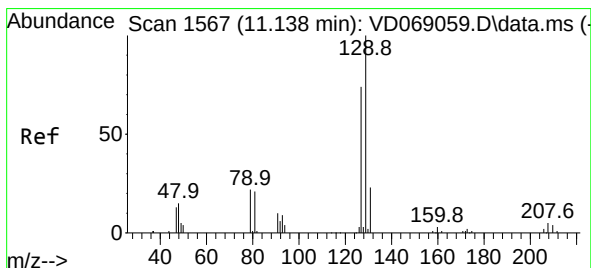
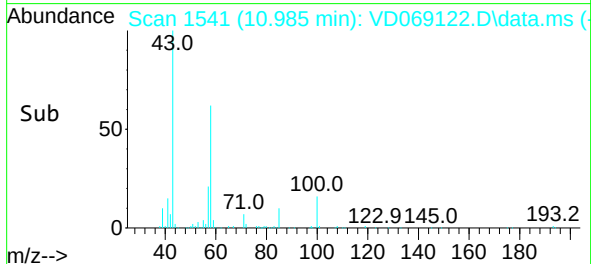
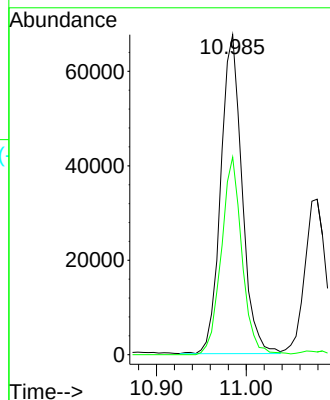
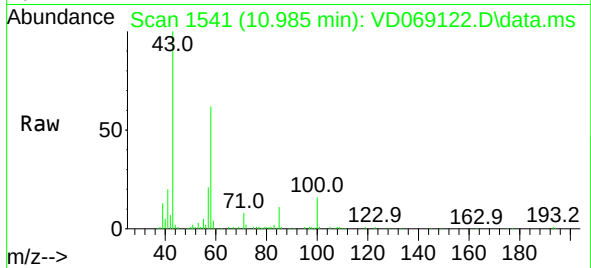
#59  
2-Hexanone  
Concen: 90.26 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 43 Resp: 111125  
Ion Ratio Lower Upper  
43 100  
58 60.1 27.9 83.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

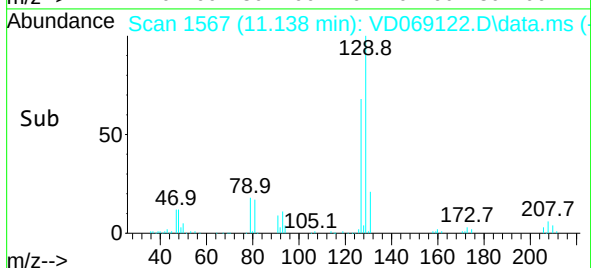
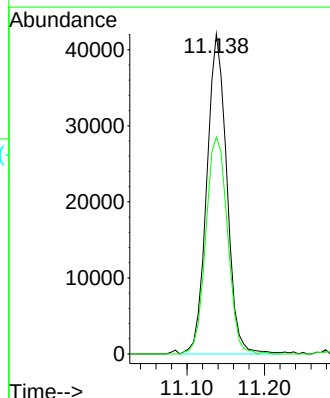
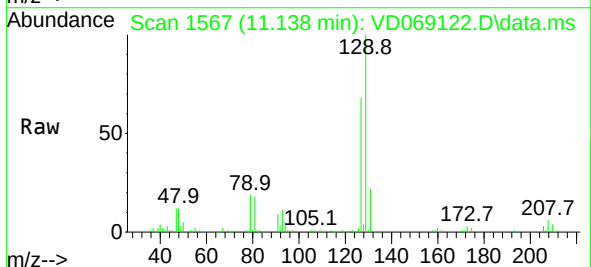
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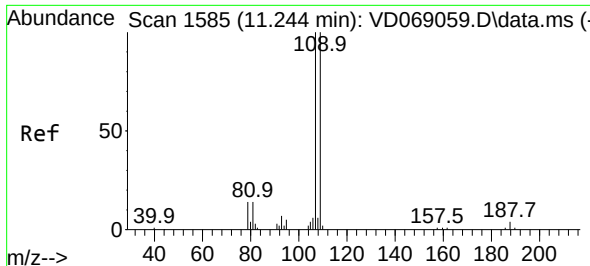
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5/11/2021 10:36:28 AM



#60  
Dibromochloromethane  
Concen: 21.57 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

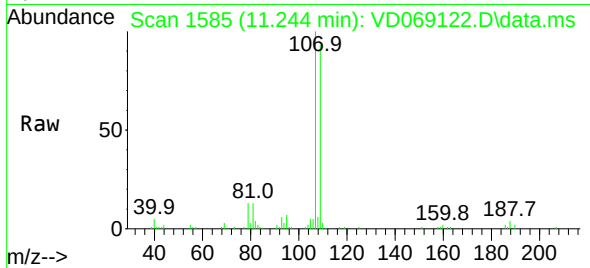
Tgt Ion: 129 Resp: 75232  
Ion Ratio Lower Upper  
129 100  
127 73.4 38.0 114.1





#61  
1,2-Dibromoethane  
Concen: 22.23 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

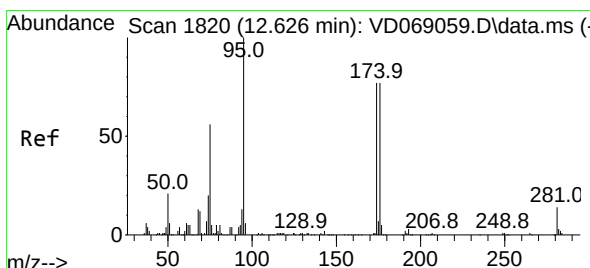
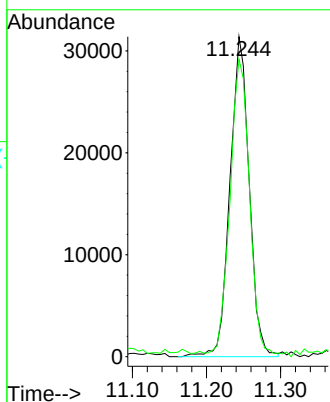
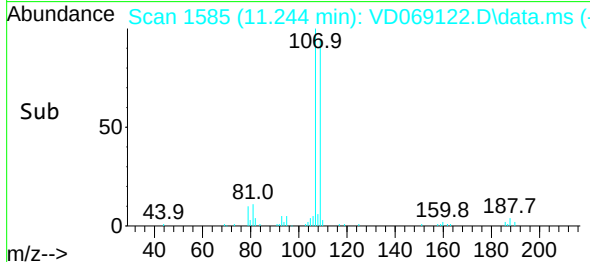
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBS01



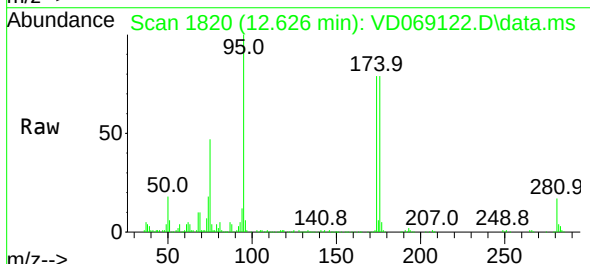
Tgt Ion:107 Resp: 56574  
Ion Ratio Lower Upper  
107 100  
109 95.6 77.6 116.4

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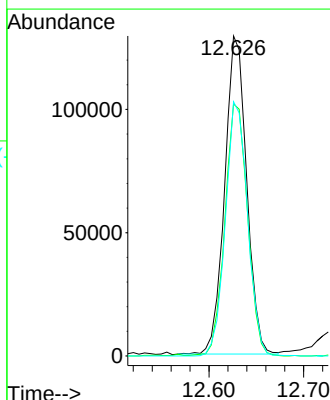
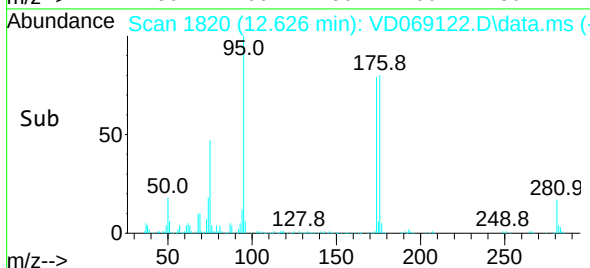
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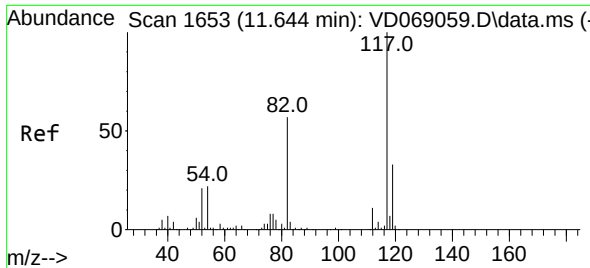


#62  
4-Bromofluorobenzene  
Concen: 52.11 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

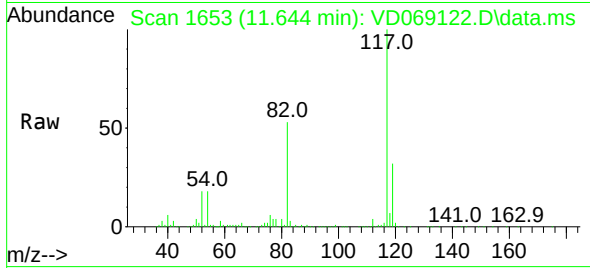


Tgt Ion: 95 Resp: 207916  
Ion Ratio Lower Upper  
95 100  
174 82.0 0.0 156.0  
176 80.8 0.0 149.4

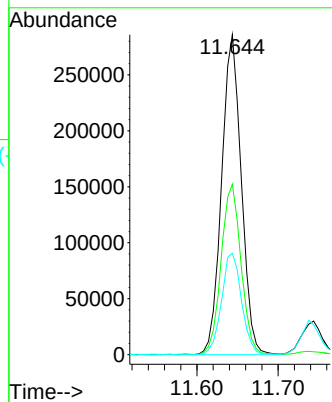
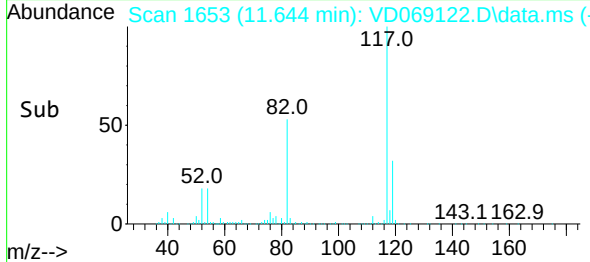




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



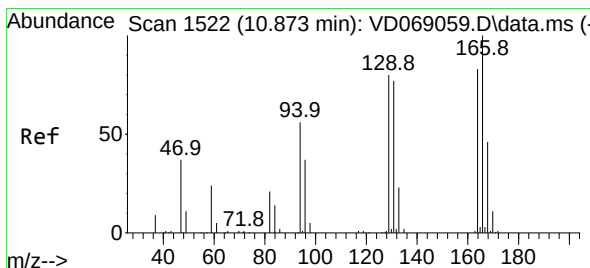
Tgt Ion:117 Resp: 482381  
Ion Ratio Lower Upper  
117 100  
82 53.1 45.4 68.2  
119 31.6 26.8 40.2



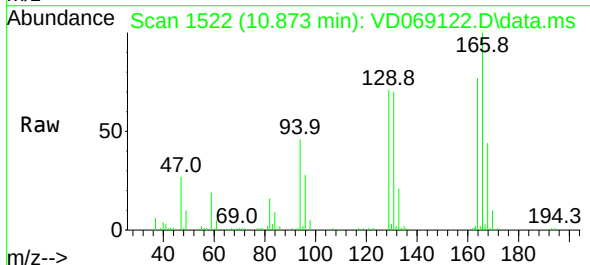
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

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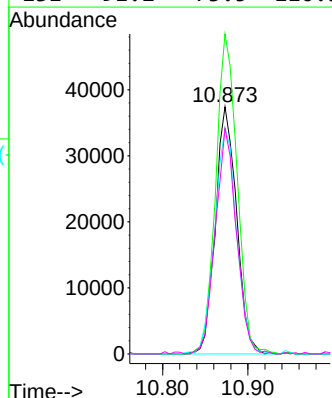
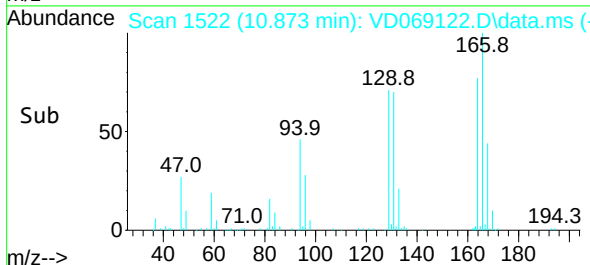
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5/11/2021 10:36:28 AM

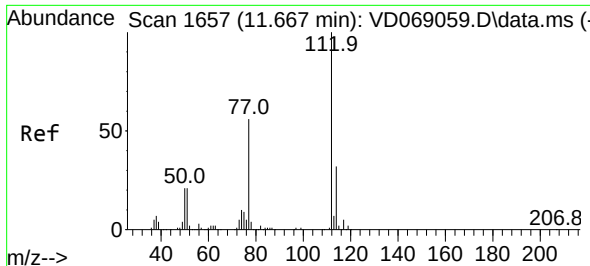


#64  
Tetrachloroethene  
Concen: 20.84 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



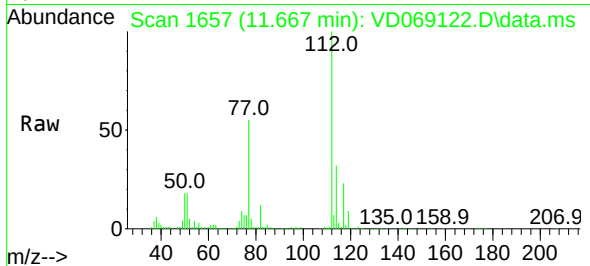
Tgt Ion:164 Resp: 64787  
Ion Ratio Lower Upper  
164 100  
166 129.5 96.0 144.0  
129 91.3 76.8 115.2  
131 91.2 73.5 110.3





#65  
Chlorobenzene  
Concen: 21.06 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

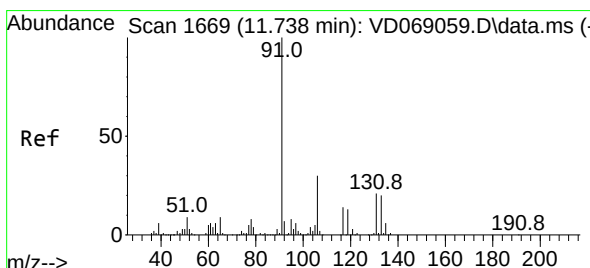
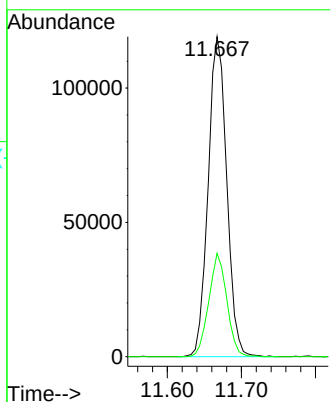
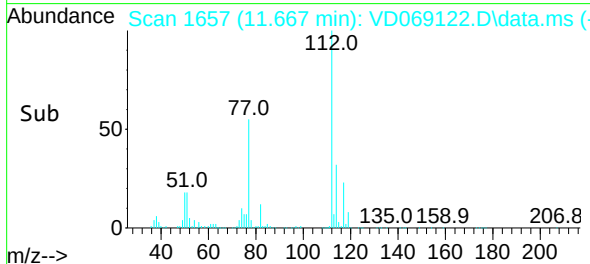
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01



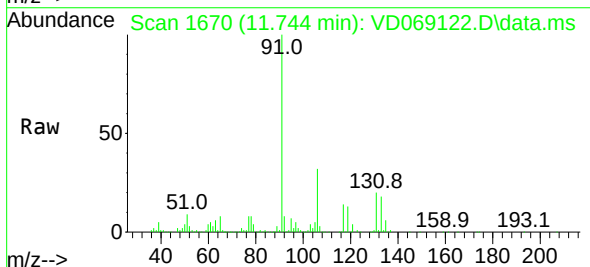
Tgt Ion:112 Resp: 207294  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.6

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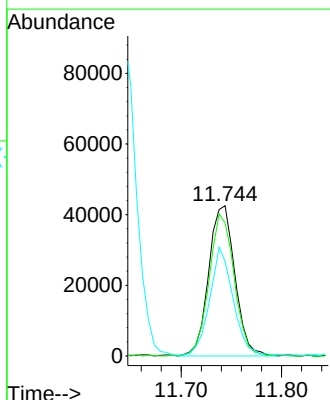
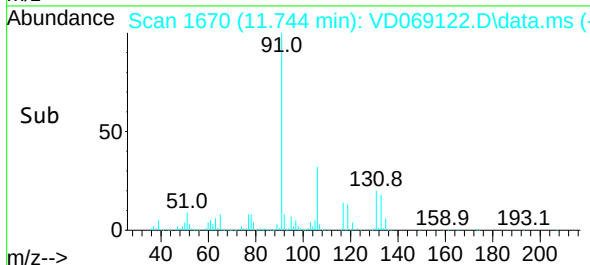
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5/11/2021 10:36:28 AM

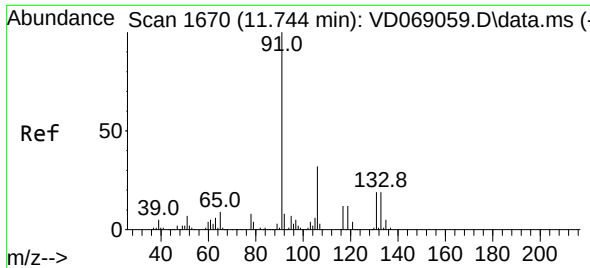


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.73 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

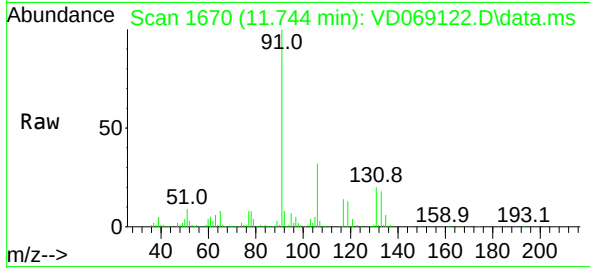


Tgt Ion:131 Resp: 77245  
Ion Ratio Lower Upper  
131 100  
133 90.6 48.7 146.1  
119 64.5 32.0 96.2

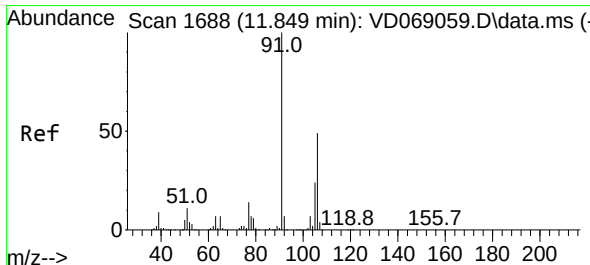
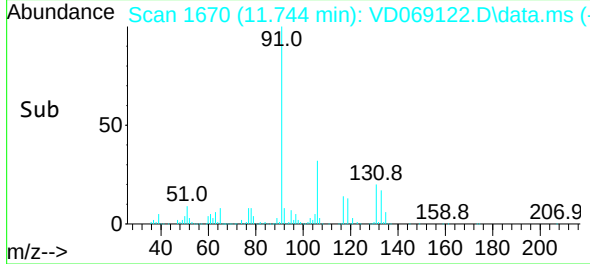
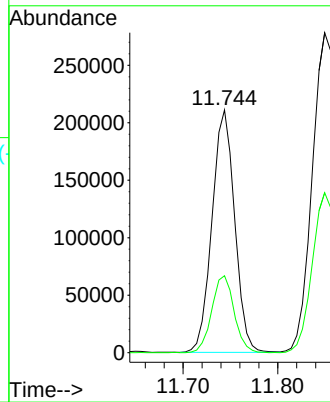




#67  
Ethyl Benzene  
Concen: 20.06 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

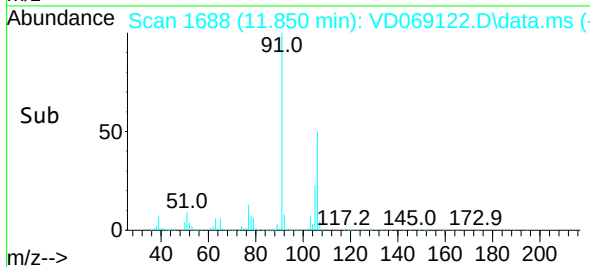
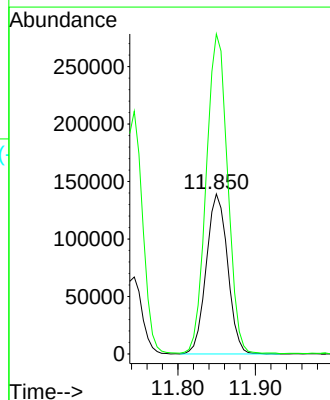
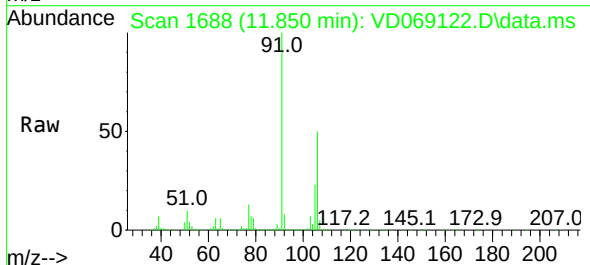


Tgt Ion: 91 Resp: 350124  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.5 38.3



#68  
m/p-Xylenes  
Concen: 40.53 ug/l  
RT: 11.850 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

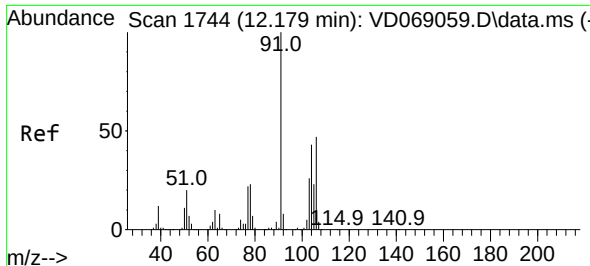
Tgt Ion: 106 Resp: 266037  
Ion Ratio Lower Upper  
106 100  
91 199.4 164.6 246.8



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

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5/11/2021 10:36:28 AM



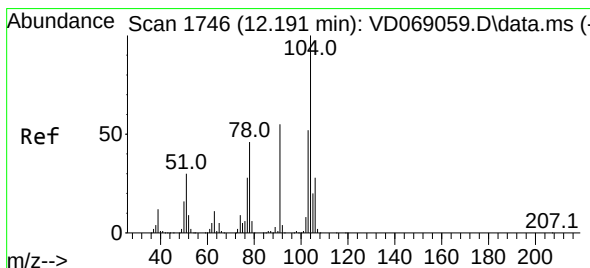
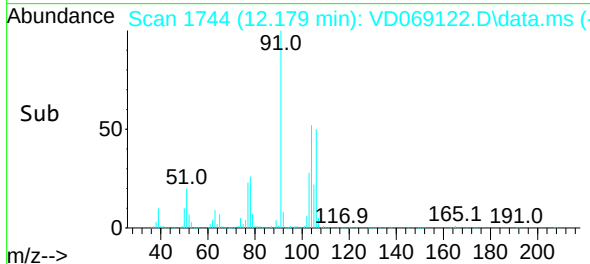
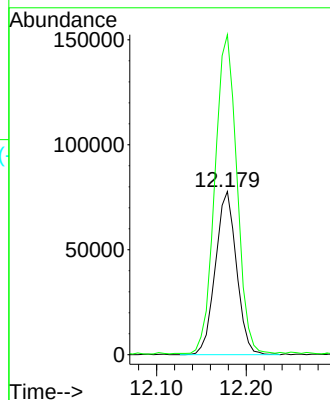
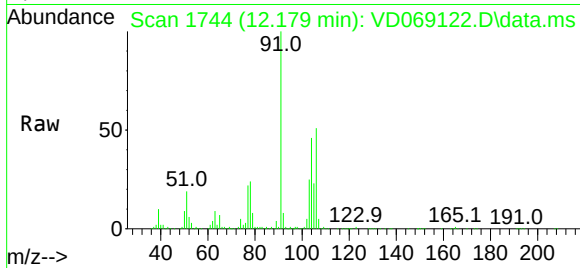
#69  
o-Xylene  
Concen: 21.54 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion:106 Resp: 126763  
Ion Ratio Lower Upper  
106 100  
91 203.7 107.1 321.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

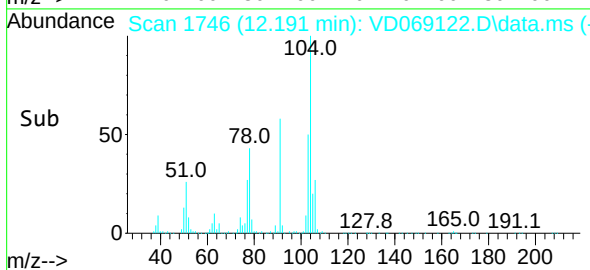
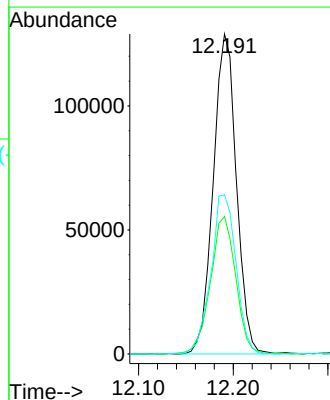
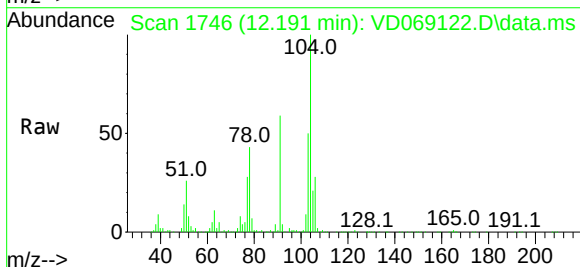
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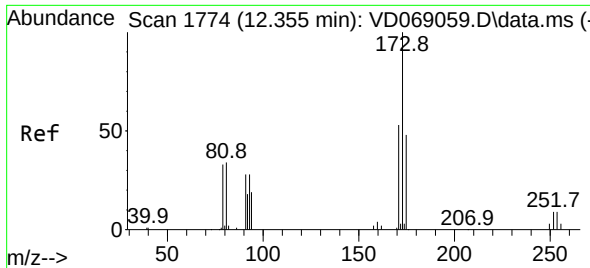
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5/11/2021 10:36:28 AM



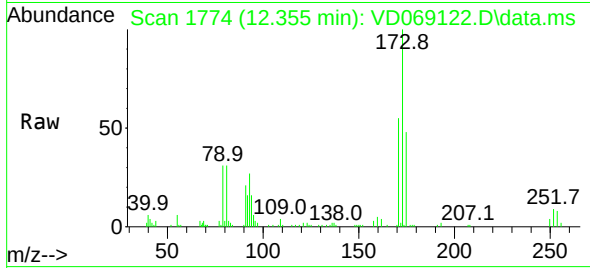
#70  
Styrene  
Concen: 21.14 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion:104 Resp: 219719  
Ion Ratio Lower Upper  
104 100  
78 47.0 39.9 59.9  
103 54.0 44.5 66.7

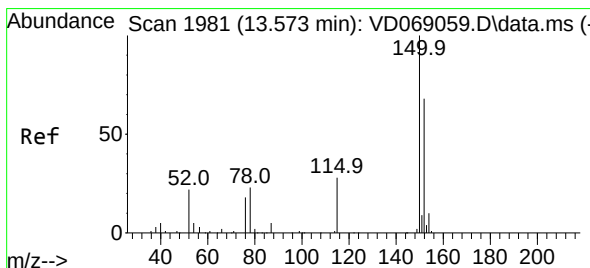
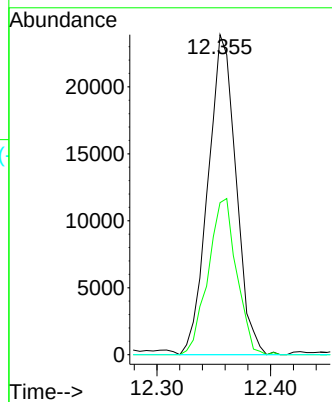
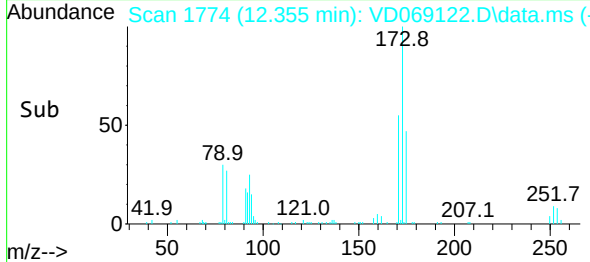




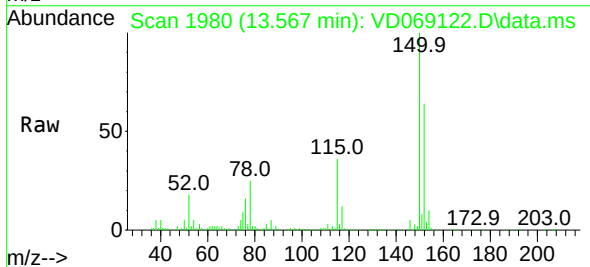
#71  
Bromoform  
Concen: 21.39 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



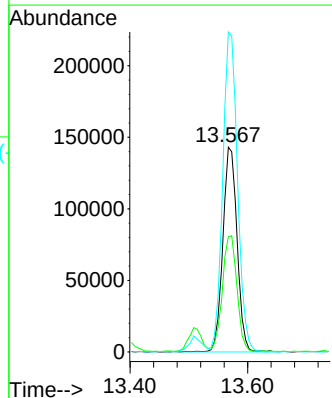
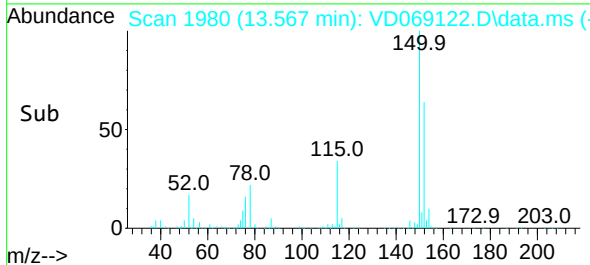
Tgt Ion:173 Resp: 40844  
Ion Ratio Lower Upper  
173 100  
175 49.7 23.8 71.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



Tgt Ion:152 Resp: 241231  
Ion Ratio Lower Upper  
152 100  
115 57.7 30.5 91.5  
150 161.8 0.0 340.8

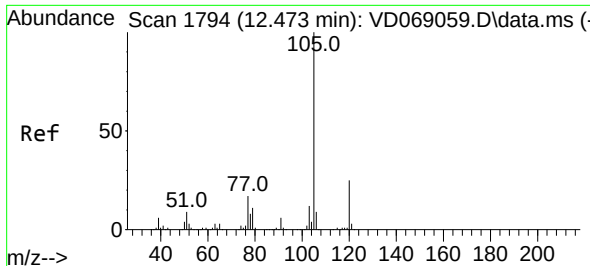


Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

Manual Integrations  
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5/11/2021 10:36:28 AM





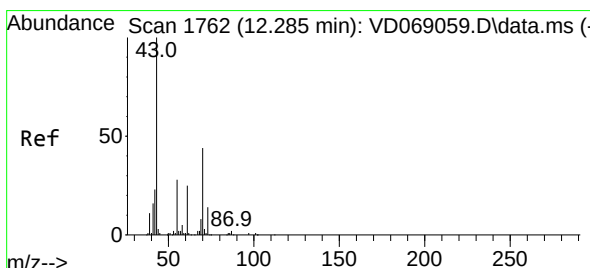
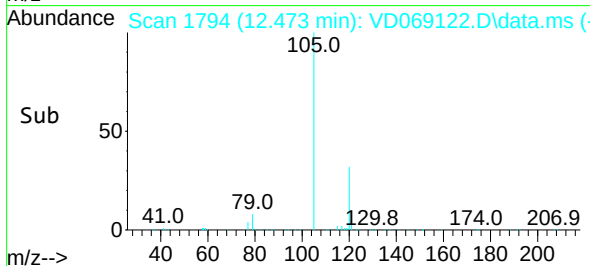
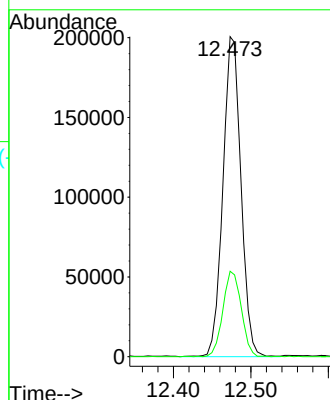
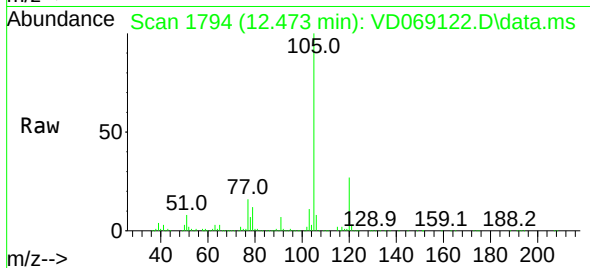
#73  
Isopropylbenzene  
Concen: 19.45 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 105 Resp: 324779  
Ion Ratio Lower Upper  
105 100  
120 27.2 13.1 39.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBS01

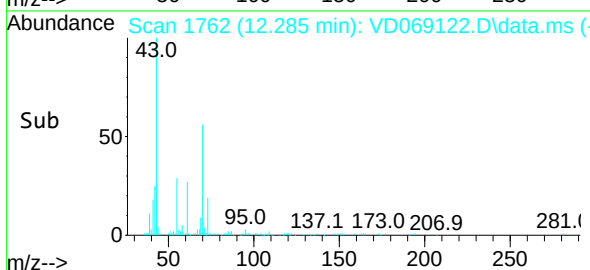
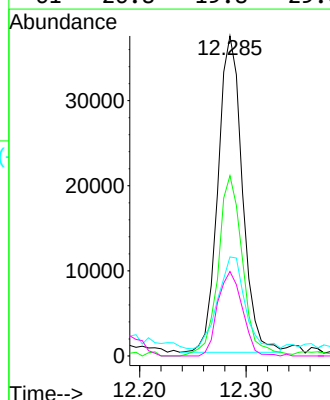
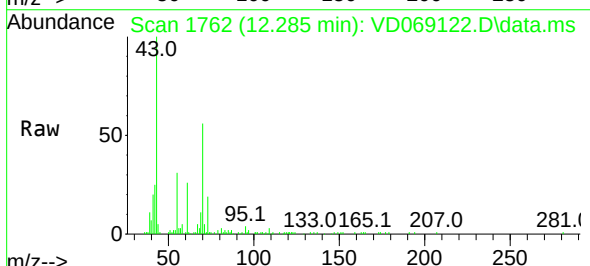
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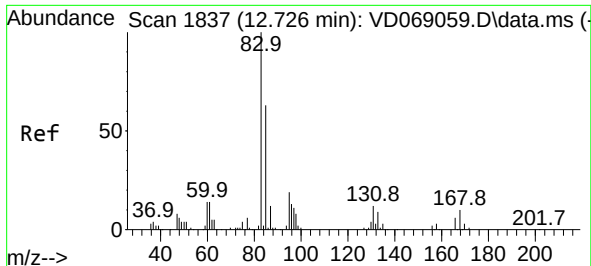
MMDadoda  
5/11/2021 10:36:28 AM



#74  
N-ethyl acetate  
Concen: 16.83 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 43 Resp: 58998  
Ion Ratio Lower Upper  
43 100  
70 57.1 36.4 54.6#  
55 32.2 21.8 32.8  
61 26.8 19.8 29.6





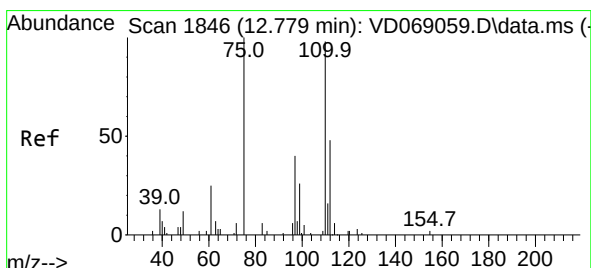
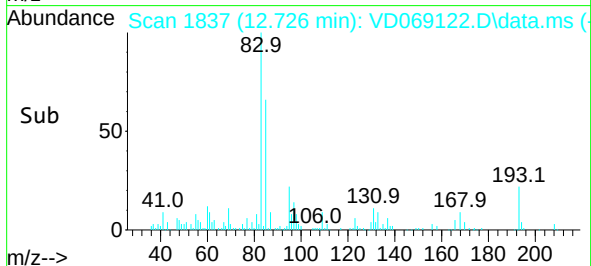
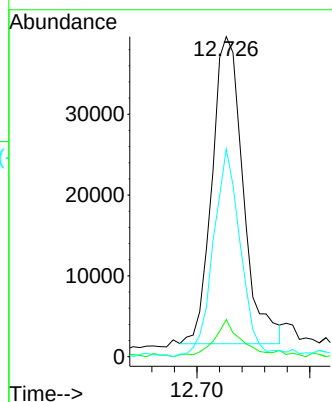
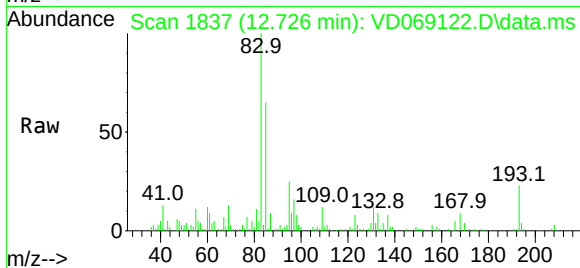
#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.24 ug/l m  
RT: 12.726 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 83 Resp: 72810  
Ion Ratio Lower Upper  
83 100  
131 11.4 5.2 15.6  
85 58.7 30.9 92.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

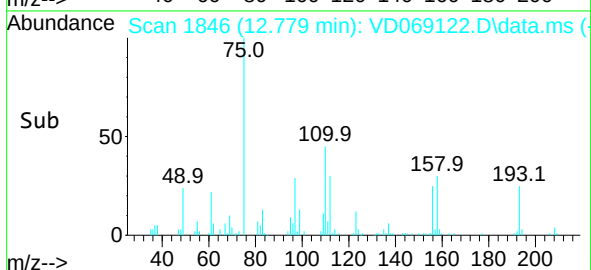
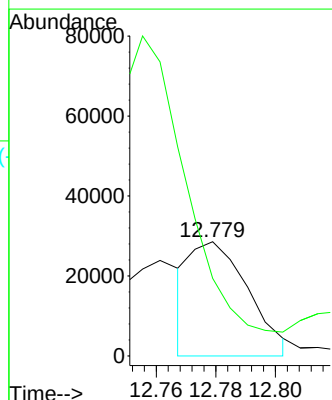
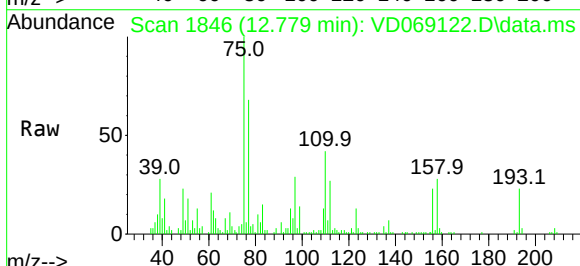
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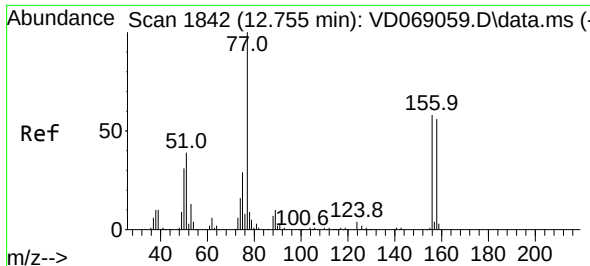
MMDadoda  
5/11/2021 10:36:28 AM



#76  
1,2,3-Trichloropropane  
Concen: 18.40 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 75 Resp: 38639  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





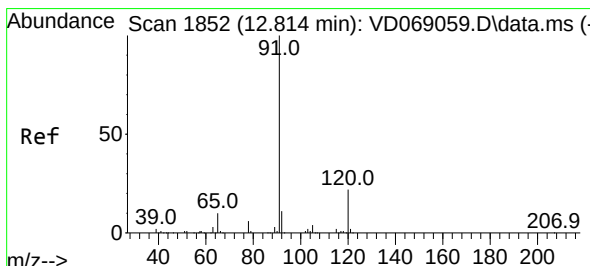
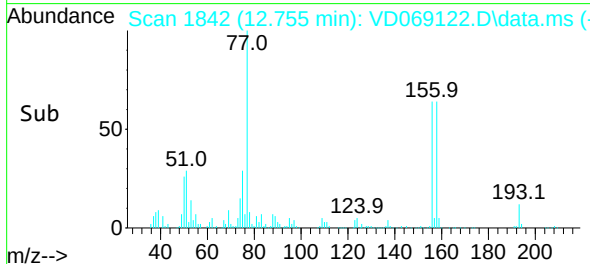
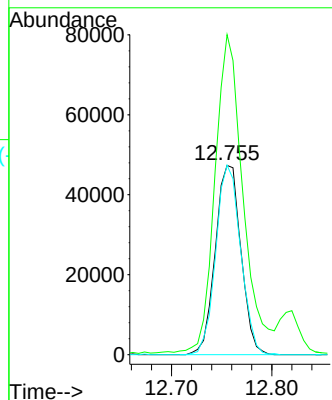
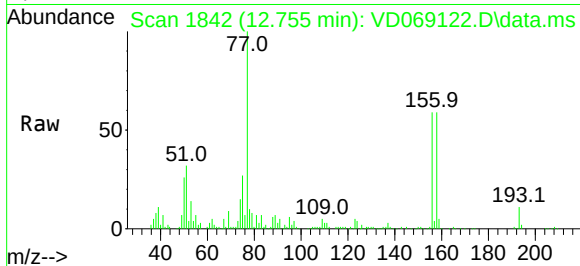
#77  
Bromobenzene  
Concen: 21.67 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 184.0 | 96.5  | 289.4 |
| 158     | 97.3  | 48.7  | 146.1 |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBS01

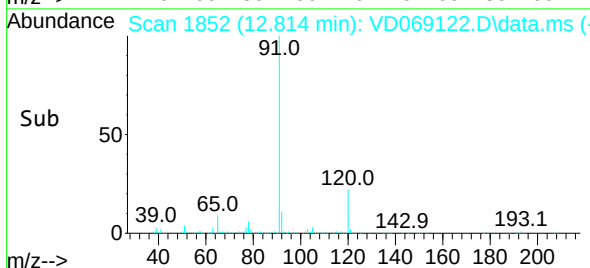
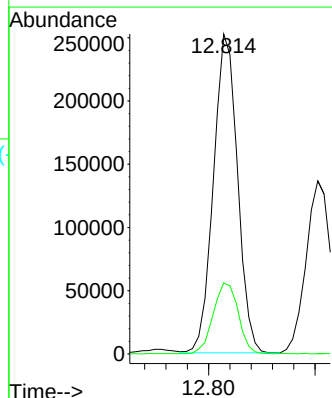
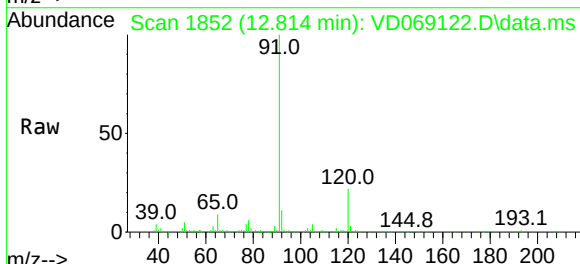
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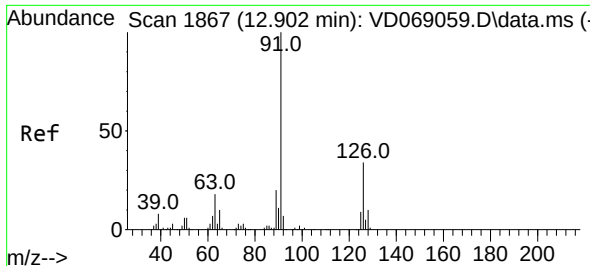
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5/11/2021 10:36:28 AM



#78  
n-propylbenzene  
Concen: 19.26 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

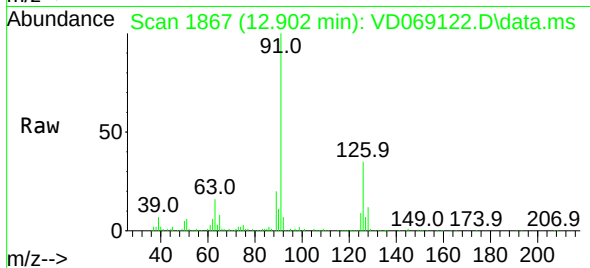
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.1  | 11.3  | 33.8  |



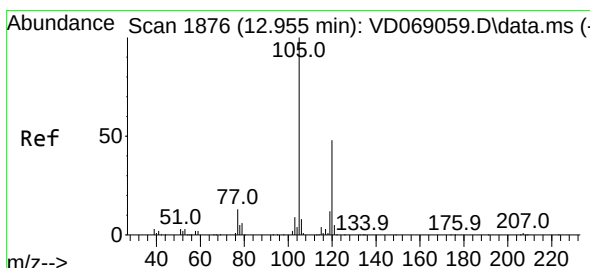
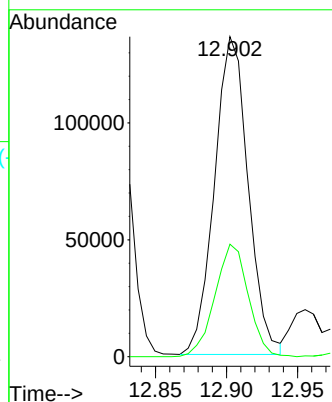
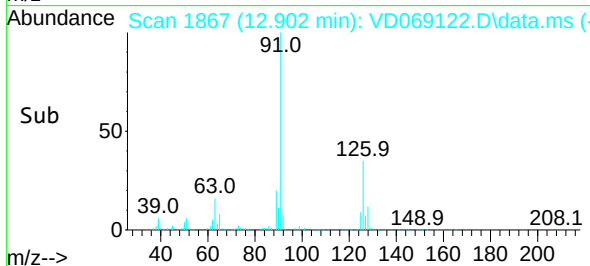


#79  
2-Chlorotoluene  
Concen: 19.59 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

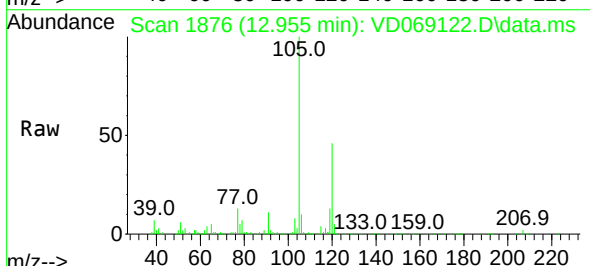
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01



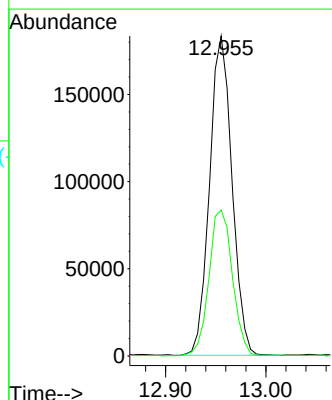
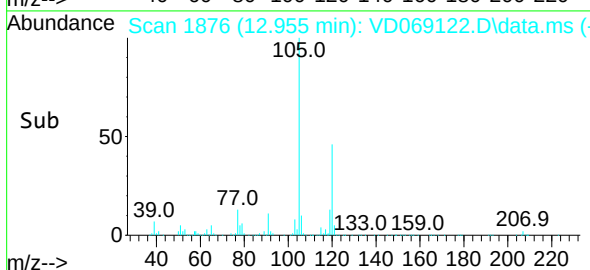
Tgt Ion: 91 Resp: 224062  
Ion Ratio Lower Upper  
91 100  
126 35.1 16.8 50.3

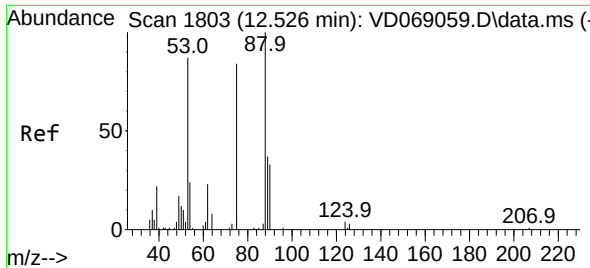


#80  
1,3,5-Trimethylbenzene  
Concen: 20.10 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

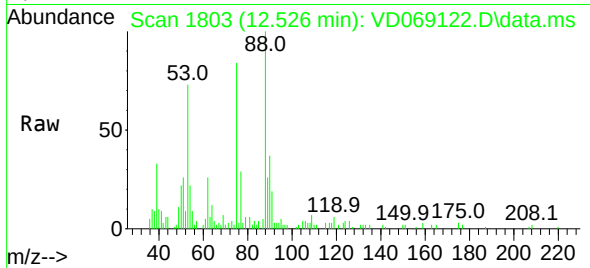


Tgt Ion: 105 Resp: 285758  
Ion Ratio Lower Upper  
105 100  
120 47.5 24.2 72.6

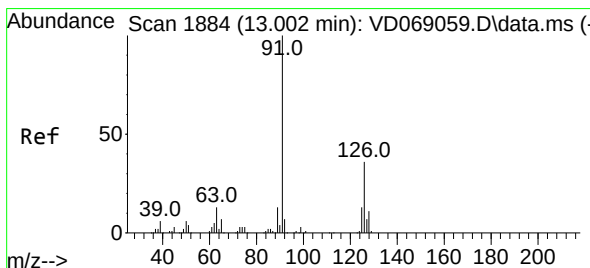
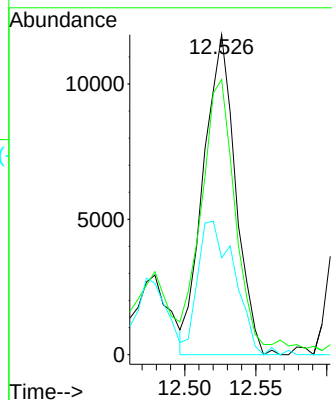
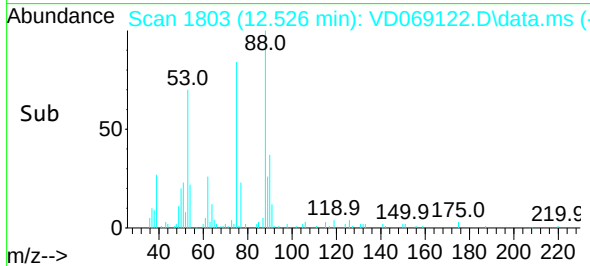




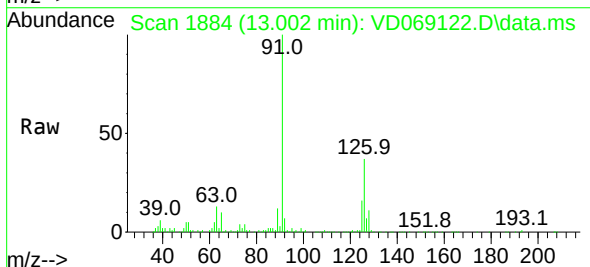
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.21 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



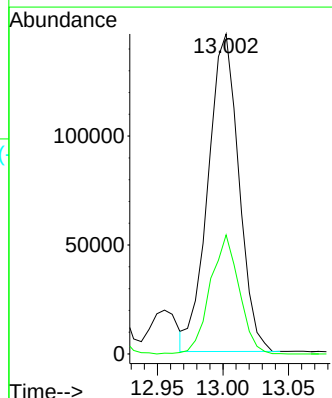
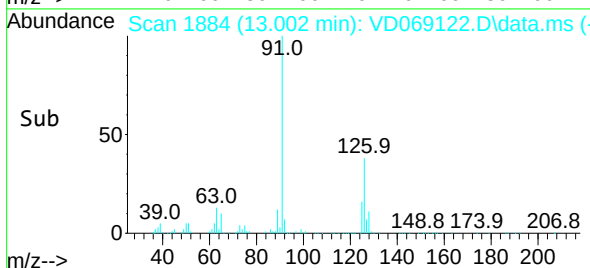
Tgt Ion: 75 Resp: 18540  
Ion Ratio Lower Upper  
75 100  
53 83.6 80.4 120.6  
89 47.4 37.8 56.8



#82  
4-Chlorotoluene  
Concen: 19.42 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



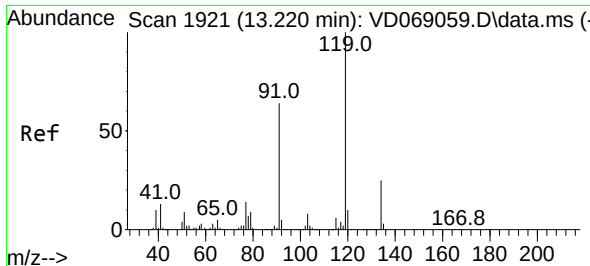
Tgt Ion: 91 Resp: 237818  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.3 51.7



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

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5/11/2021 10:36:28 AM



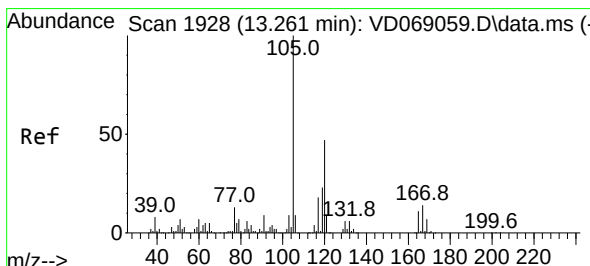
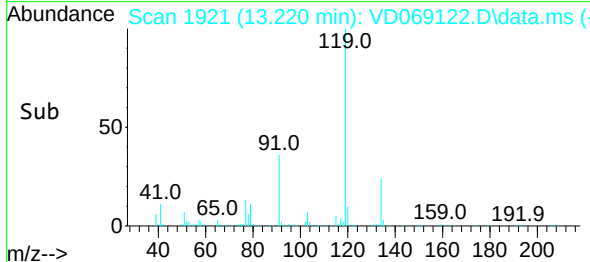
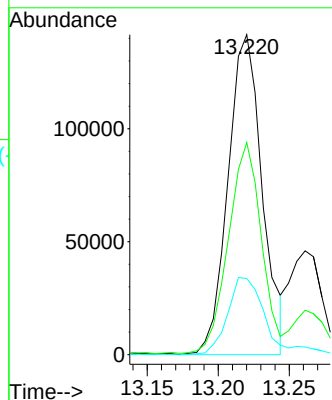
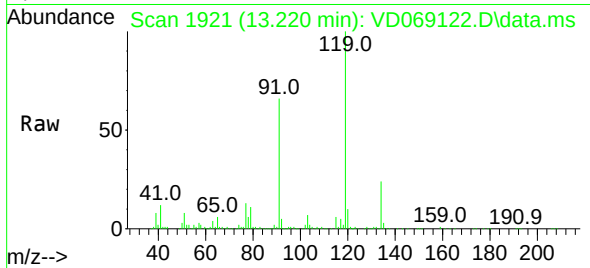
#83  
tert-Butylbenzene  
Concen: 20.49 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion:119 Resp: 237333  
Ion Ratio Lower Upper  
119 100  
91 63.5 32.8 98.3  
134 26.9 12.6 37.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

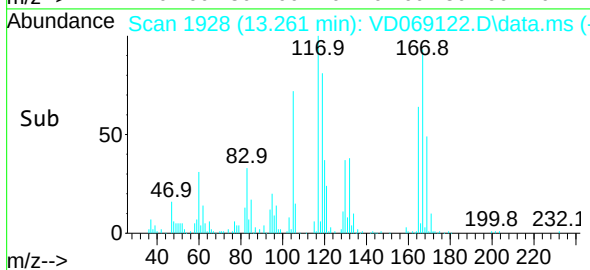
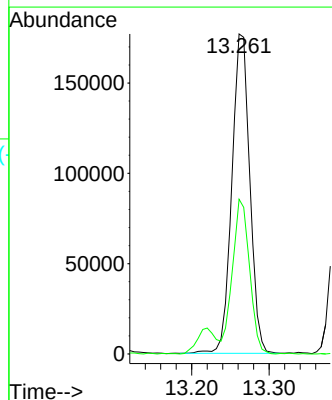
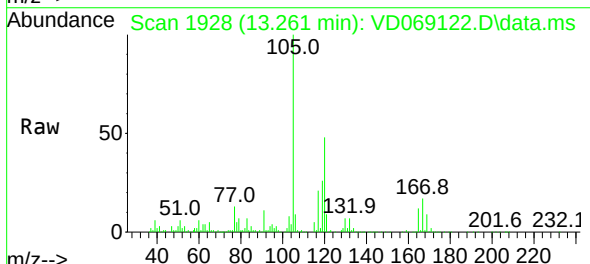
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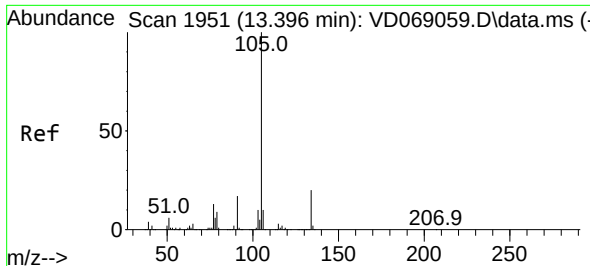
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5/11/2021 10:36:28 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 19.99 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion:105 Resp: 283881  
Ion Ratio Lower Upper  
105 100  
120 46.3 22.5 67.5





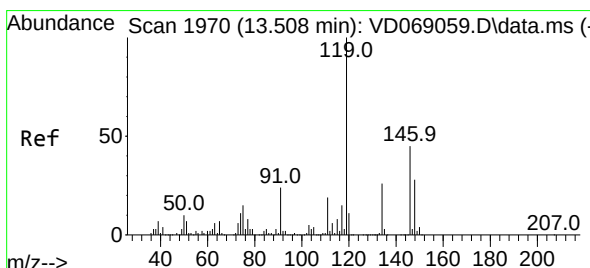
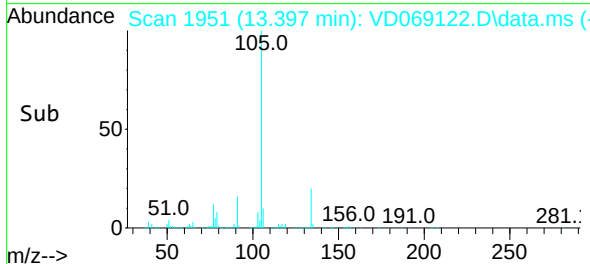
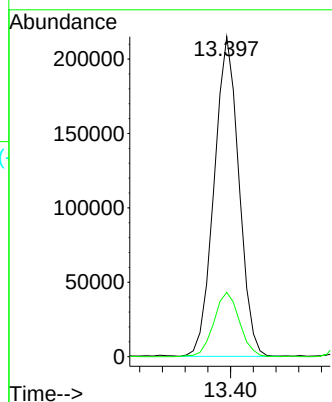
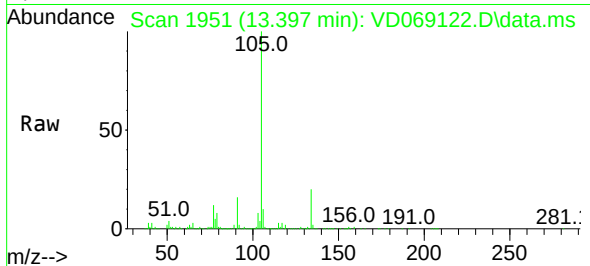
#85  
 sec-Butylbenzene  
 Concen: 19.43 ug/l  
 RT: 13.397 min Scan# 1951  
 Delta R.T. 0.000 min  
 Lab File: VD069122.D  
 Acq: 10 May 2021 14:48

Tgt Ion:105 Resp: 325726  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 9.8 29.4

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0510SBSD01

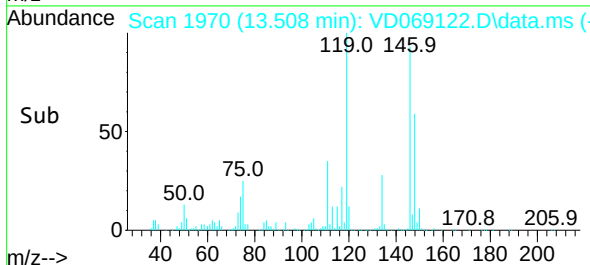
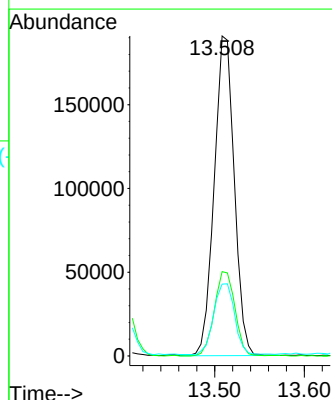
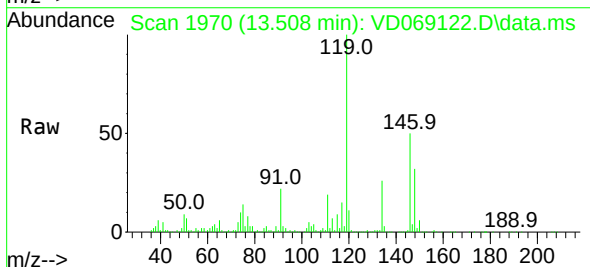
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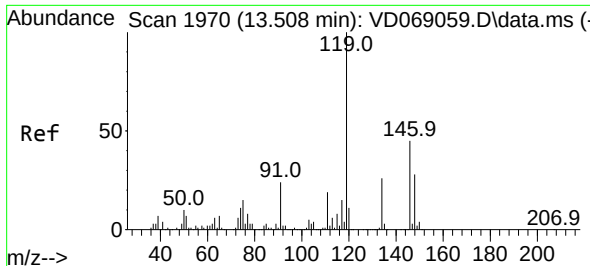
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#86  
 p-Isopropyltoluene  
 Concen: 19.14 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. 0.000 min  
 Lab File: VD069122.D  
 Acq: 10 May 2021 14:48

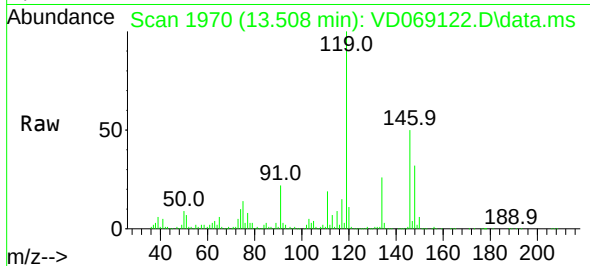
Tgt Ion:119 Resp: 296190  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 12.9 38.7  
 91 23.1 12.3 36.9





#87  
1,3-Dichlorobenzene  
Concen: 20.51 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

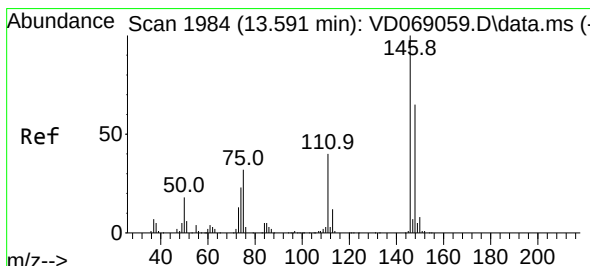
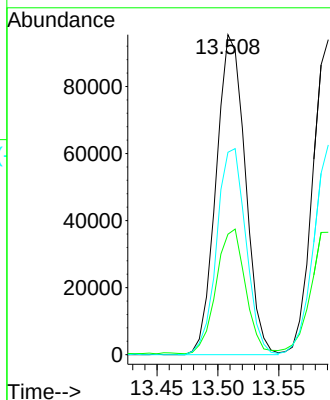
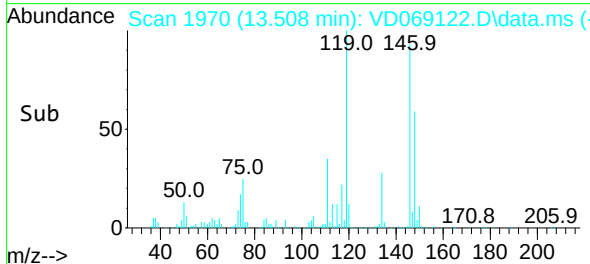
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01



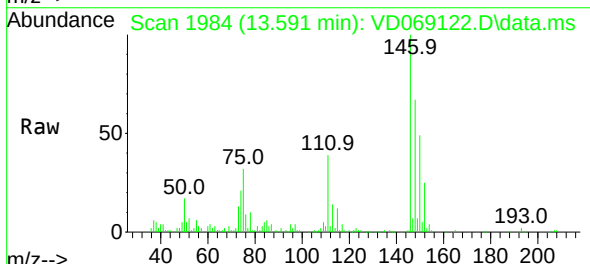
Tgt Ion:146 Resp: 159085  
Ion Ratio Lower Upper  
146 100  
111 39.1 20.6 61.8  
148 64.4 31.4 94.2

Manual Integrations  
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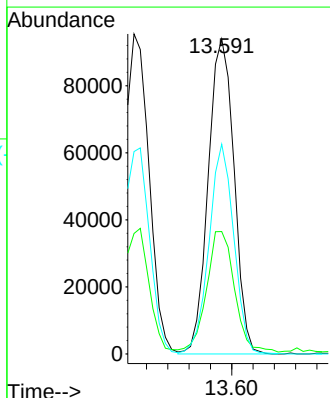
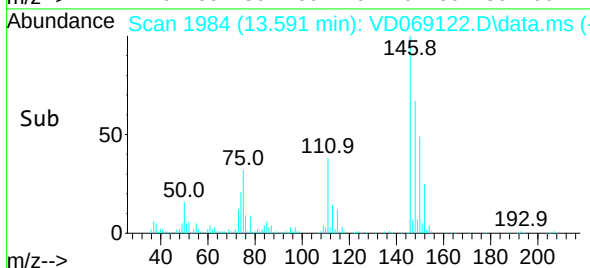
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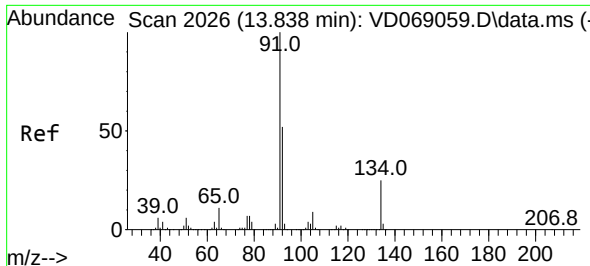
#88  
1,4-Dichlorobenzene  
Concen: 20.70 ug/l  
RT: 13.591 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



Tgt Ion:146 Resp: 158301  
Ion Ratio Lower Upper  
146 100  
111 41.5 20.5 61.6  
148 63.9 32.3 96.9

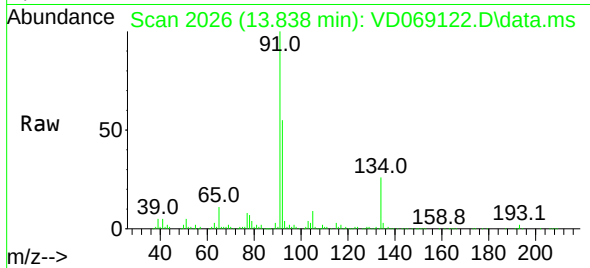






#89  
n-Butylbenzene  
Concen: 19.87 ug/l  
RT: 13.838 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

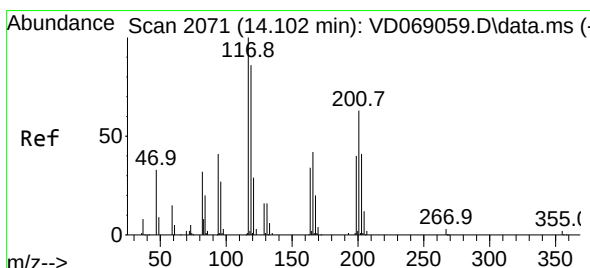
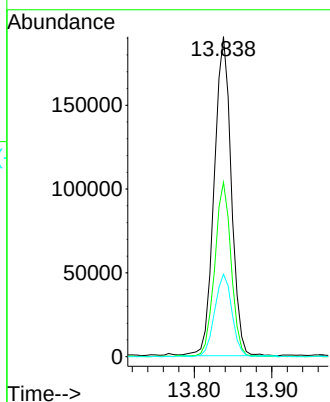
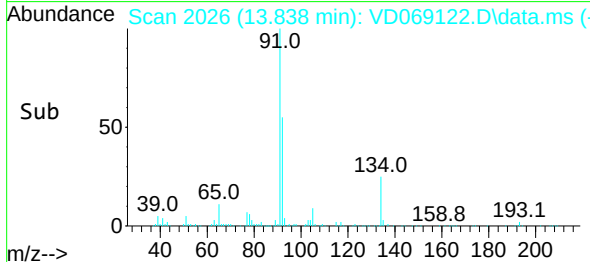
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01



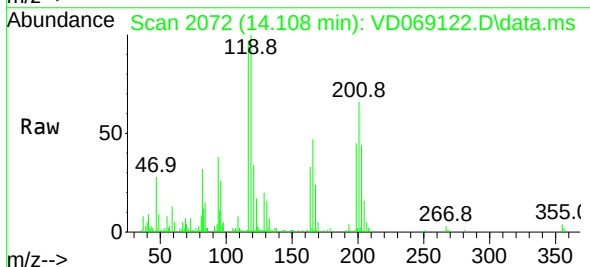
Tgt Ion: 91 Resp: 291730  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.2 78.5  
134 26.2 12.1 36.3

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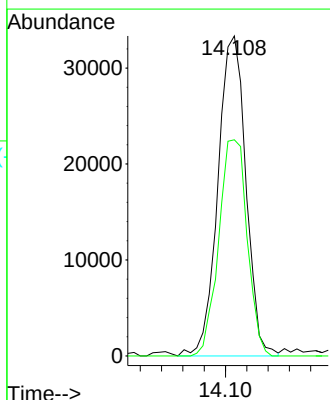
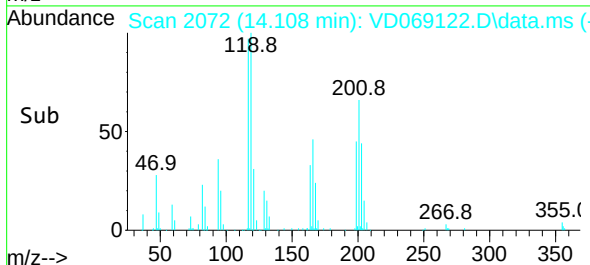
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5/11/2021 10:36:28 AM

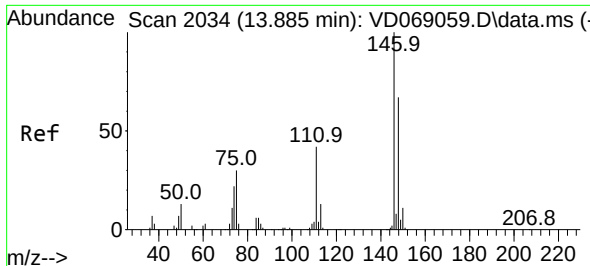


#90  
Hexachloroethane  
Concen: 19.11 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48



Tgt Ion: 117 Resp: 60807  
Ion Ratio Lower Upper  
117 100  
201 68.7 32.6 97.8





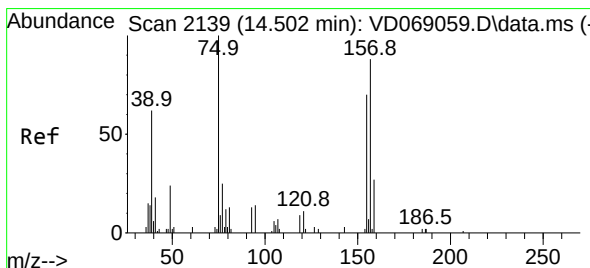
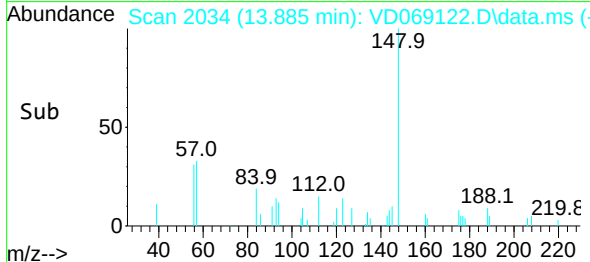
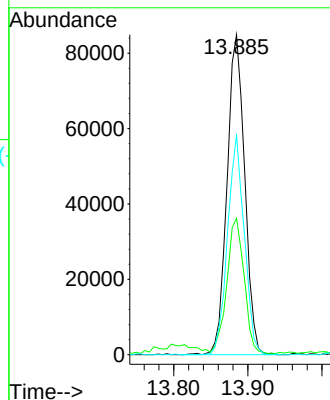
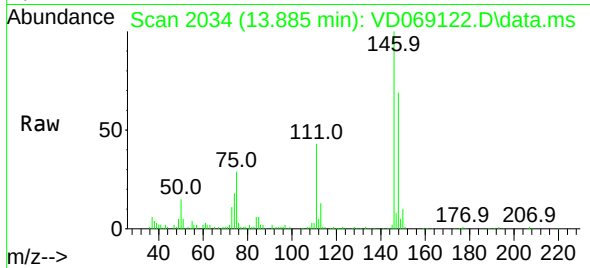
#91  
1,2-Dichlorobenzene  
Concen: 20.82 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 146 Resp: 140450  
Ion Ratio Lower Upper  
146 100  
111 41.1 21.1 63.3  
148 65.1 31.3 93.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

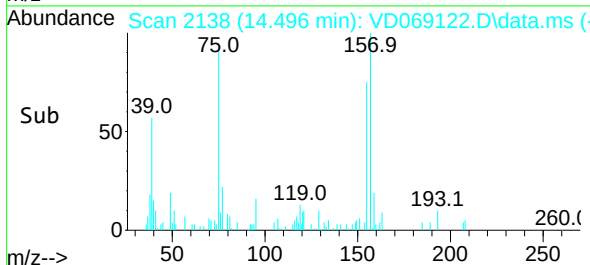
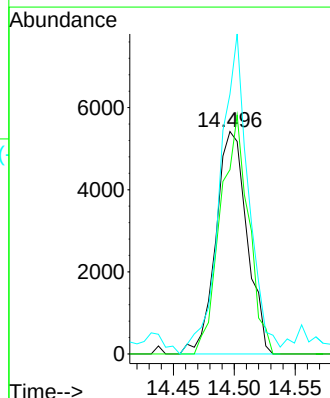
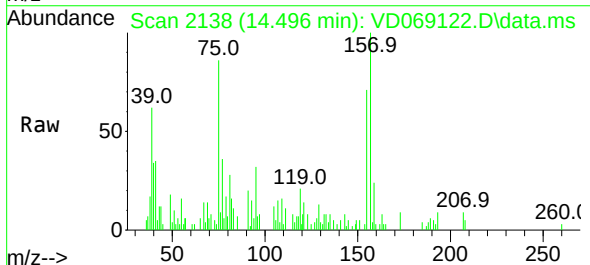
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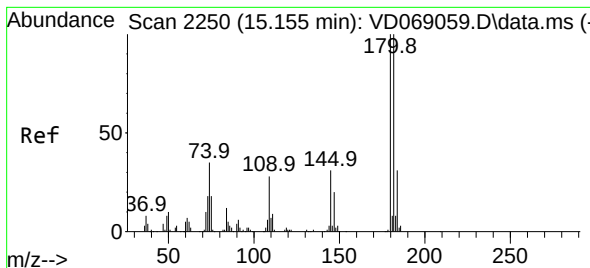
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5/11/2021 10:36:28 AM



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.92 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion: 75 Resp: 9647  
Ion Ratio Lower Upper  
75 100  
155 97.1 39.1 117.3  
157 130.7 48.6 145.8





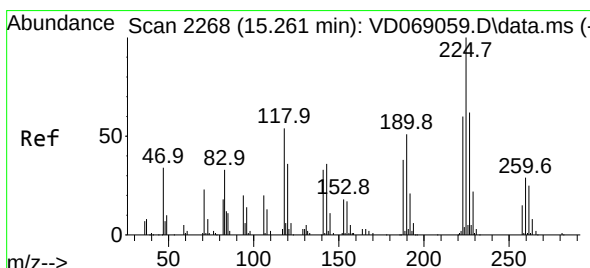
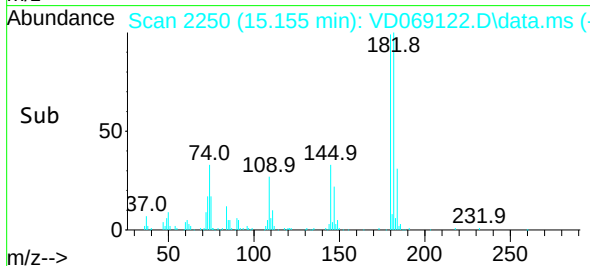
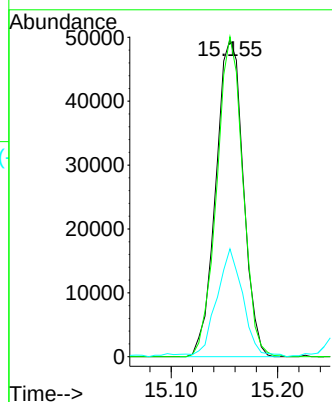
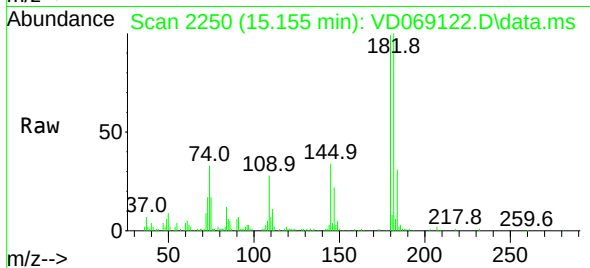
#93  
1,2,4-Trichlorobenzene  
Concen: 22.08 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 48.3  | 144.9 |
| 145     | 32.7  | 15.8  | 47.3  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

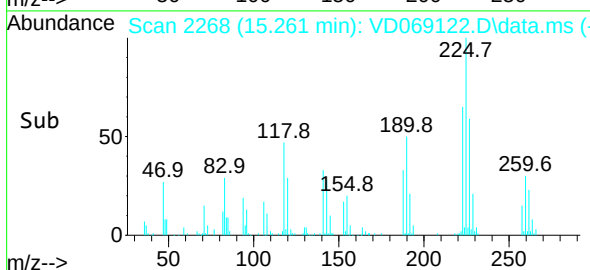
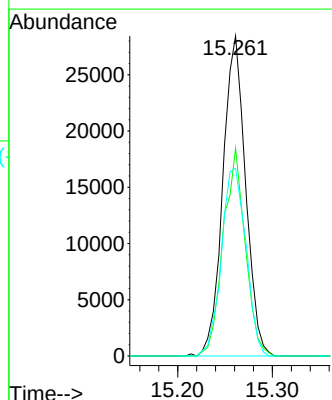
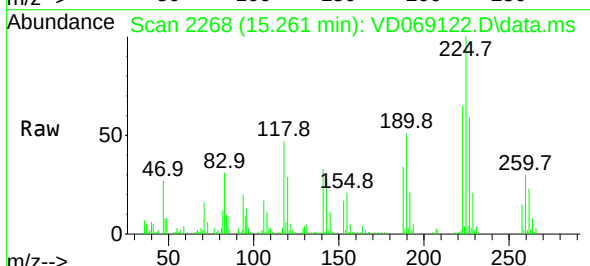
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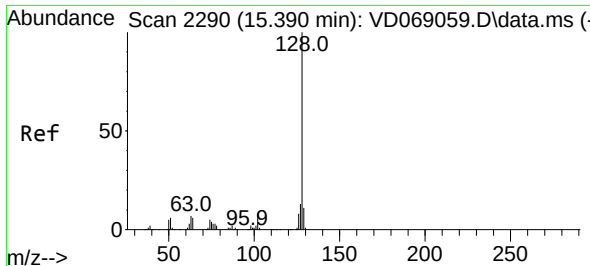
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5/11/2021 10:36:28 AM



#94  
Hexachlorobutadiene  
Concen: 20.48 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 31.1  | 93.3  |
| 227     | 63.4  | 31.6  | 95.0  |





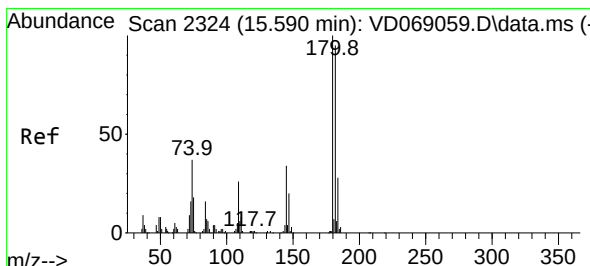
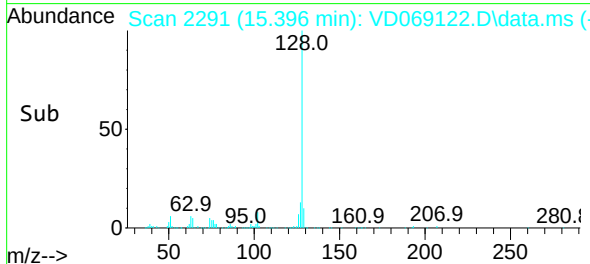
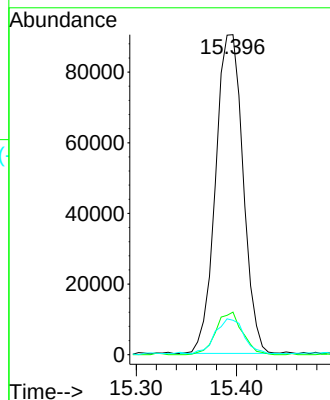
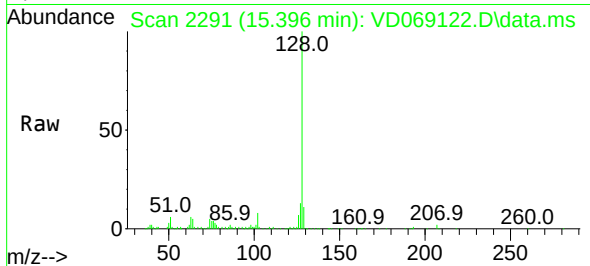
#95  
Naphthalene  
Concen: 22.56 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. 0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion:128 Resp: 171783  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.7 16.1  
129 12.2 8.5 12.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0510SBSD01

Manual Integrations  
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5/11/2021 10:36:28 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 22.59 ug/l  
RT: 15.585 min Scan# 2323  
Delta R.T. -0.006 min  
Lab File: VD069122.D  
Acq: 10 May 2021 14:48

Tgt Ion:180 Resp: 78076  
Ion Ratio Lower Upper  
180 100  
182 92.0 46.5 139.5  
145 35.0 17.4 52.2

