

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD072821\  
 Data File : VD069900.D  
 Acq On : 28 Jul 2021 20:41  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/29/2021 4:11:51 PM

Quant Time: Jul 29 04:03:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 04:51:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 552570              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861          | 114  | 1101993             | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638         | 117  | 1076197             | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567         | 152  | 490683              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 354499              | 55.782  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 111.560% |         |        |          |
| 35) Dibromofluoromethane     | 7.914          | 113  | 335719              | 48.326  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 96.660%  |         |        |          |
| 50) Toluene-d8               | 10.338         | 98   | 1381976             | 51.591  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 103.180% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 486878              | 54.386  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 108.780% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985          | 85   | 275544              | 47.376  | ug/l   | 99       |
| 3) Chloromethane             | 2.209          | 50   | 427559              | 50.678  | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.344          | 62   | 459950              | 51.832  | ug/l   | 99       |
| 5) Bromomethane              | 2.756          | 94   | 297090              | 57.018  | ug/l   | 99       |
| 6) Chloroethane              | 2.915          | 64   | 308871              | 53.701  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.268          | 101  | 551275              | 50.323  | ug/l   | 98       |
| 8) Diethyl Ether             | 3.709          | 74   | 189856              | 61.615  | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.085          | 101  | 356645              | 51.262  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.291          | 142  | 360922              | 52.367  | ug/l   | 100      |
| 11) Tert butyl alcohol       | 5.226          | 59   | 97203               | 295.595 | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.062          | 96   | 341539              | 54.022  | ug/l   | 97       |
| 13) Acrolein                 | 3.921          | 56   | 130111              | 282.653 | ug/l   | 98       |
| 14) Allyl chloride           | 4.709          | 41   | 556979              | 60.089  | ug/l   | 98       |
| 15) Acrylonitrile            | 5.420          | 53   | 442759              | 305.455 | ug/l   | 99       |
| 16) Acetone                  | 4.156          | 43   | 301220              | 262.383 | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.403          | 76   | 1173661             | 51.920  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.715          | 43   | 220534              | 66.207  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.479          | 73   | 852067              | 65.048  | ug/l   | 99       |
| 20) Methylene Chloride       | 4.962          | 84   | 507801              | 62.673  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.473          | 96   | 407527              | 54.704  | ug/l   | 99       |
| 22) Diisopropyl ether        | 6.362          | 45   | 1301870             | 64.634  | ug/l   | 99       |
| 23) Vinyl Acetate            | 6.303          | 43   | 3176774             | 283.725 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.256          | 63   | 808833              | 58.139  | ug/l   | 99       |
| 25) 2-Butanone               | 7.214          | 43   | 490318              | 314.943 | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.203          | 77   | 584530              | 55.256  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.209          | 96   | 479634              | 60.337  | ug/l   | 98       |
| 28) Bromochloromethane       | 7.544          | 49   | 304538              | 57.656  | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.561          | 42   | 327374              | 325.023 | ug/l   | 97       |
| 30) Chloroform               | 7.709          | 83   | 753275              | 53.854  | ug/l   | 93       |
| 31) Cyclohexane              | 7.979          | 56   | 609761              | 49.106  | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 7.897          | 97   | 604792              | 52.238  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.108          | 75   | 552789              | 46.483  | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.291          | 43   | 236528              | 54.634  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 498451              | 45.886  | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.350          | 83   | 628427              | 46.140  | ug/l   | 99       |
| 40) Benzene                  | 8.344          | 78   | 1796425             | 52.141  | ug/l   | 98       |

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 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/29/2021 4:11:51 PM

Quant Time: Jul 29 04:03:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 04:51:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 125755   | 55.350   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 475193   | 52.153   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 438834   | 56.517   | ug/l   | 100      |
| 44) Trichloroethene           | 9.108  | 130  | 400188   | 47.166   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 440446   | 48.669   | ug/l   | 99       |
| 46) Dibromomethane            | 9.473  | 93   | 229281   | 51.542   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.655  | 83   | 602104   | 52.097   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.450  | 41   | 213582   | 51.570   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.456  | 88   | 53569    | 1139.816 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 1195548  | 295.888  | ug/l   | 99       |
| 52) Toluene                   | 10.397 | 92   | 1105572  | 52.899   | ug/l   | 91       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 527116   | 54.335   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 624745   | 53.193   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 306632   | 48.802   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 416063   | 53.281   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.944 | 76   | 584688   | 54.994   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 959724   | 278.304  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 803014   | 300.458  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.132 | 129  | 392186   | 55.115   | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 310122   | 54.821   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 322619   | 47.028   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.661 | 112  | 1155262  | 51.813   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 410879   | 51.226   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738 | 91   | 2103052  | 53.575   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.849 | 106  | 1609814  | 105.788  | ug/l   | 99       |
| 69) o-Xylene                  | 12.173 | 106  | 755603   | 54.618   | ug/l   | 99       |
| 70) Styrene                   | 12.185 | 104  | 1337510  | 55.788   | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 206673   | 53.057   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 1951820  | 55.361   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 422710   | 58.290   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 379772   | 53.938   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 255923m  | 49.069   | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 427341   | 53.817   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.814 | 91   | 2437033  | 53.819   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 1429256  | 54.339   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 1636536  | 54.263   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 96823    | 56.319   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 1462504  | 53.186   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 1364717  | 55.656   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 1650211  | 55.463   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 2079288  | 53.639   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 1697369  | 53.897   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 858851   | 51.517   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 846913   | 50.968   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 1643773  | 52.888   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.102 | 117  | 339606   | 50.907   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 750544   | 52.161   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 56621    | 55.847   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 424918   | 54.734   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 235747   | 49.642   | ug/l   | 98       |
| 95) Naphthalene               | 15.390 | 128  | 854110   | 52.929   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 384186   | 57.224   | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD072821\  
Data File : VD069900.D  
Acq On : 28 Jul 2021 20:41  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

MMDadoda  
7/29/2021 4:11:51 PM

Quant Time: Jul 29 04:03:49 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 23 04:51:13 2021  
Response via : Initial Calibration

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

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

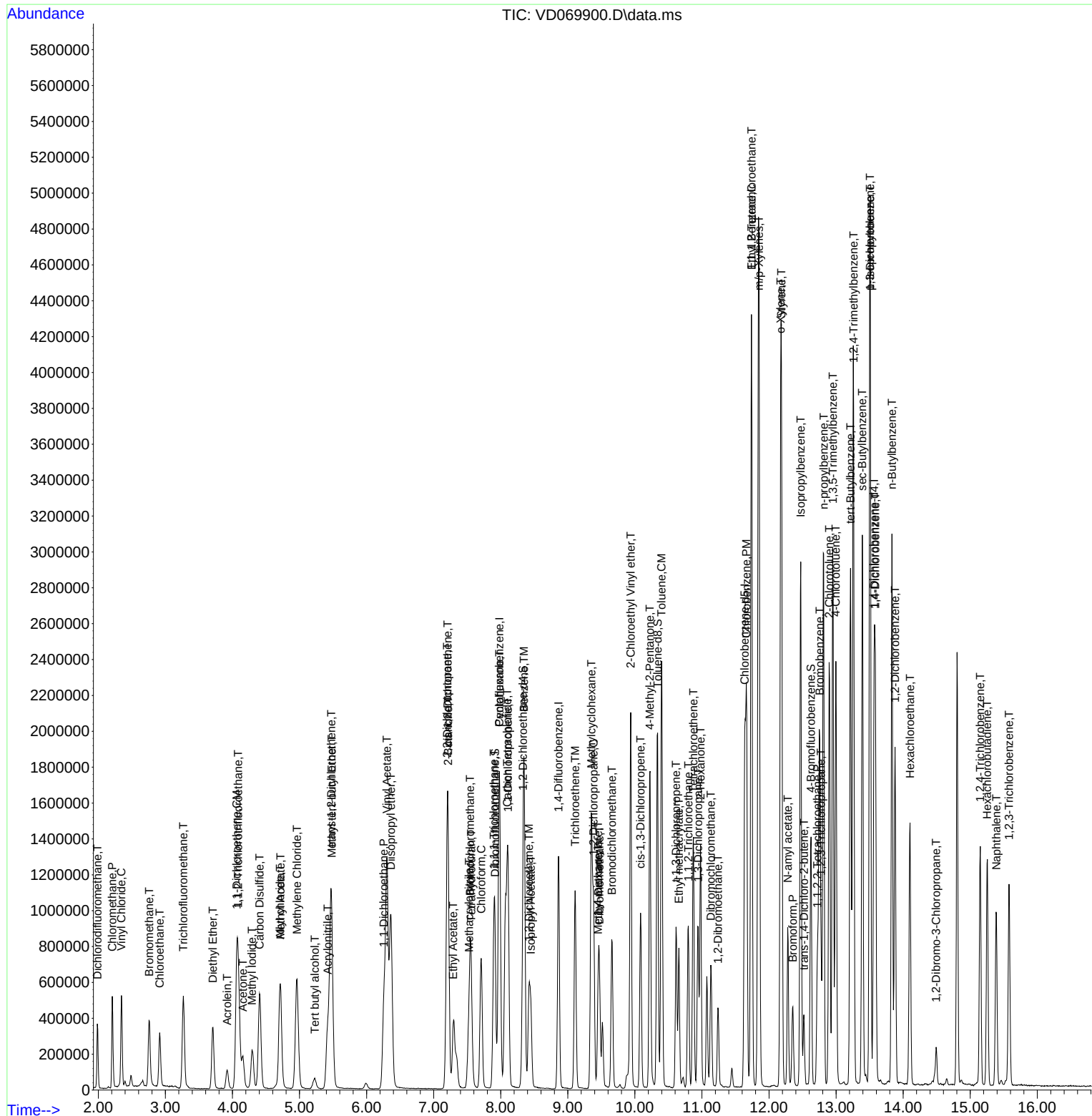
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Data File : VD069900.D  
Acq On : 28 Jul 2021 20:41  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 22 Sample Multiplier: 1

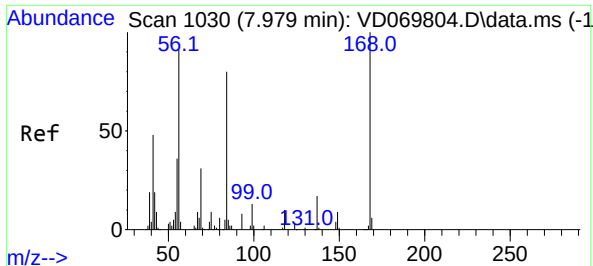
Instrument :  
MSVOA\_D  
Client Sample Id :  
VSTDCCC050EC

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MMDadoda  
7/29/2021 4:11:51 PM

Quant Time: Jul 29 04:03:49 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 23 04:51:13 2021  
Response via : Initial Calibration





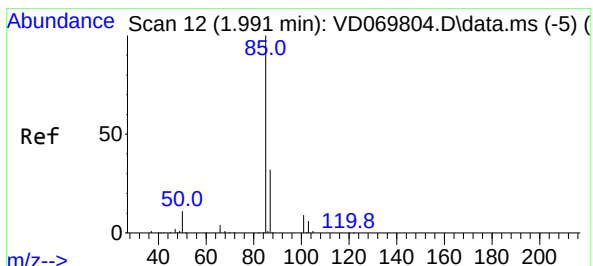
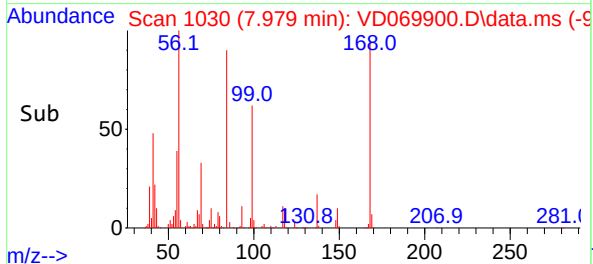
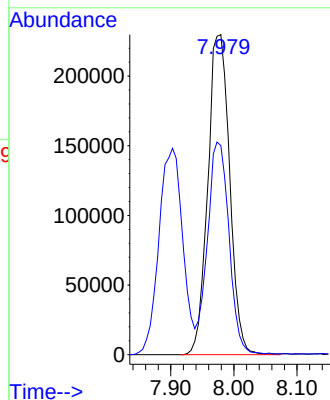
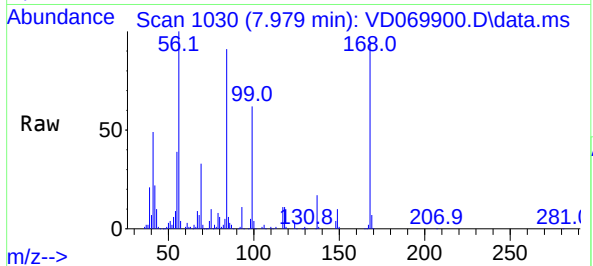
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 168 Resp: 552570  
Ion Ratio Lower Upper  
168 100  
99 65.0 51.1 76.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

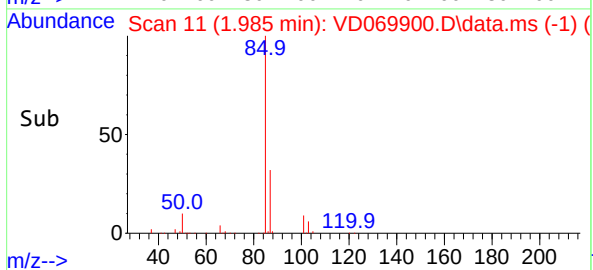
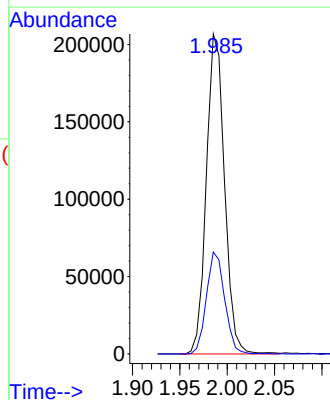
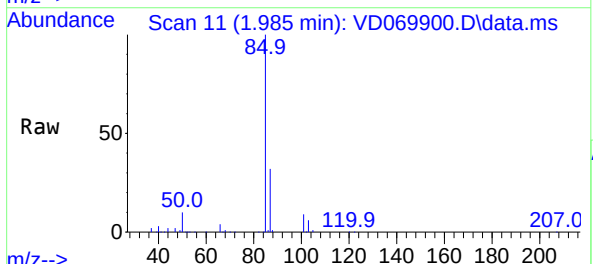
Manual Integrations  
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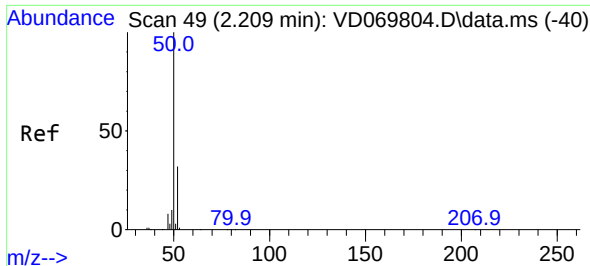
MMDadoda  
7/29/2021 4:11:51 PM



#2  
Dichlorodifluoromethane  
Concen: 47.376 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 85 Resp: 275544  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.1 48.3





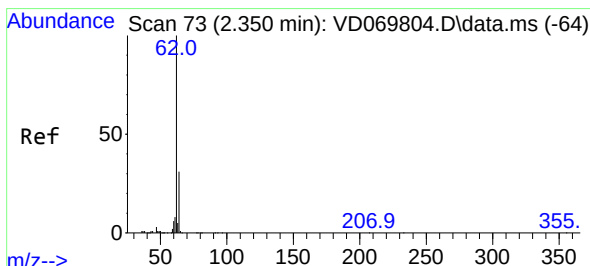
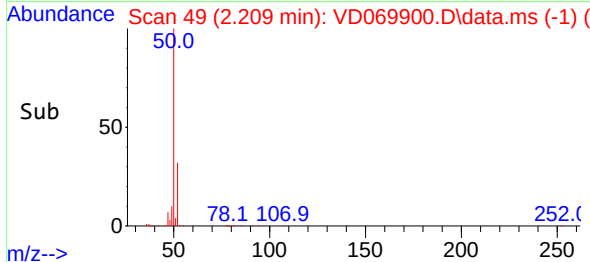
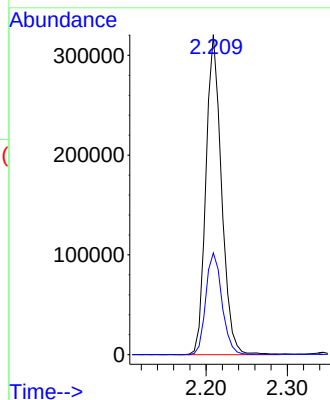
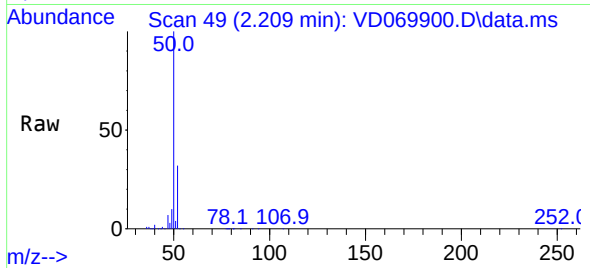
#3  
Chloromethane  
Concen: 50.678 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 50 Resp: 427559  
Ion Ratio Lower Upper  
50 100  
52 31.8 25.7 38.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

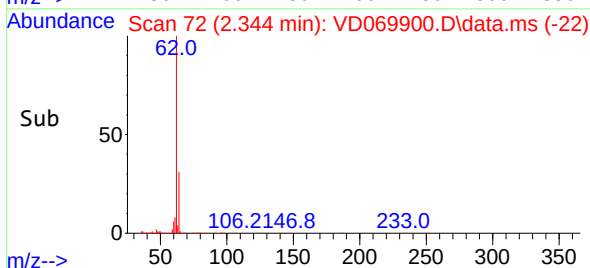
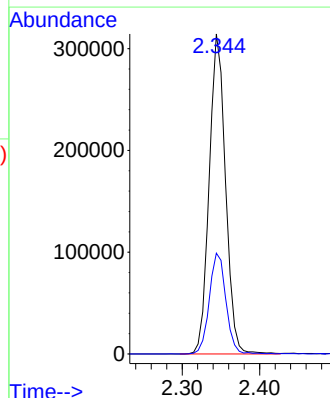
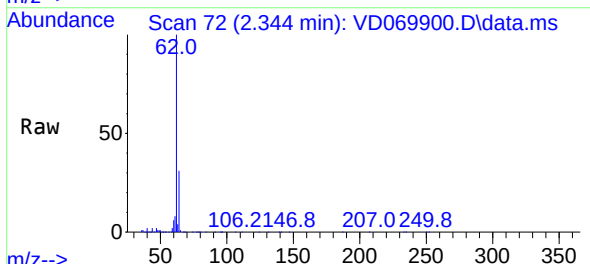
Manual Integrations  
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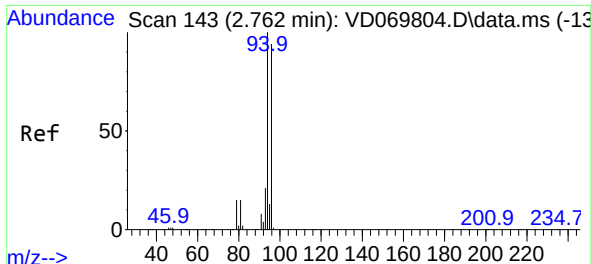
MMDadoda  
7/29/2021 4:11:51 PM



#4  
Vinyl Chloride  
Concen: 51.832 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

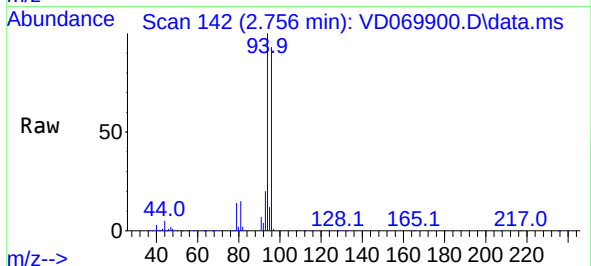
Tgt Ion: 62 Resp: 459950  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.0 37.4





#5  
Bromomethane  
Concen: 57.018 ug/l  
RT: 2.756 min Scan# 142  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

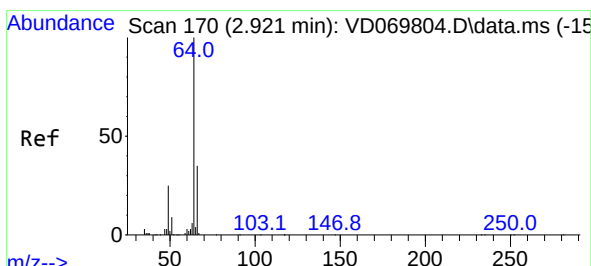
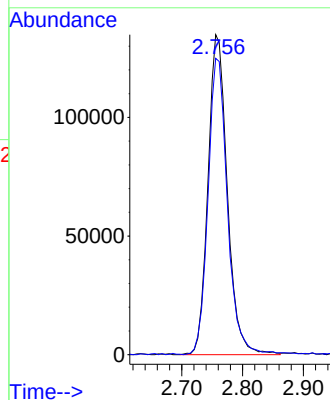
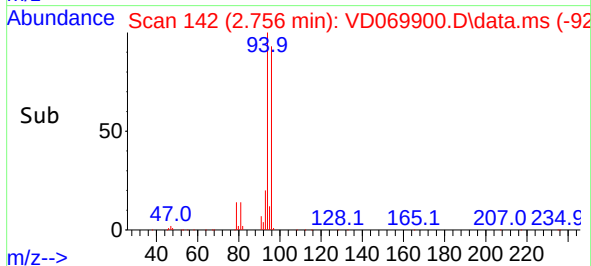
Instrument :  
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ClientSampleId :  
VSTDCCC050EC



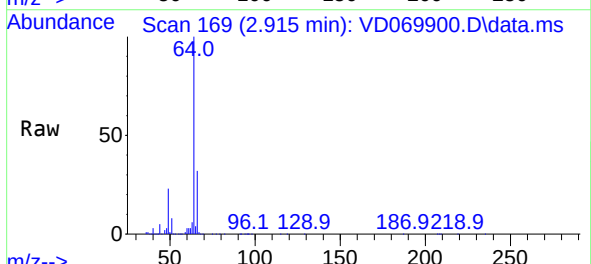
Tgt Ion: 94 Resp: 297090  
Ion Ratio Lower Upper  
94 100  
96 92.4 74.8 112.2

Manual Integrations  
APPROVED

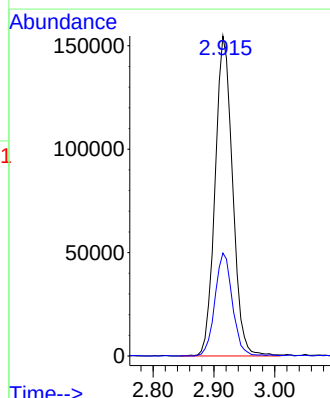
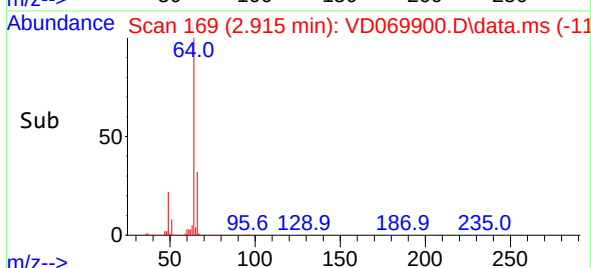
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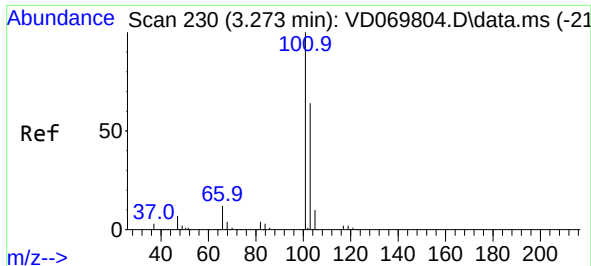


#6  
Chloroethane  
Concen: 53.701 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



Tgt Ion: 64 Resp: 308871  
Ion Ratio Lower Upper  
64 100  
66 32.1 27.8 41.6





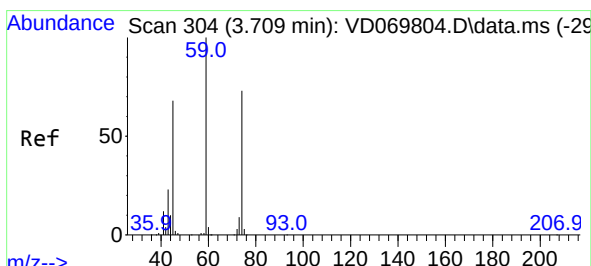
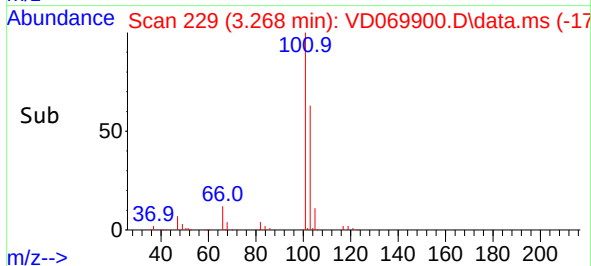
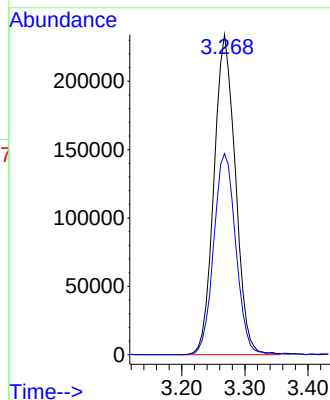
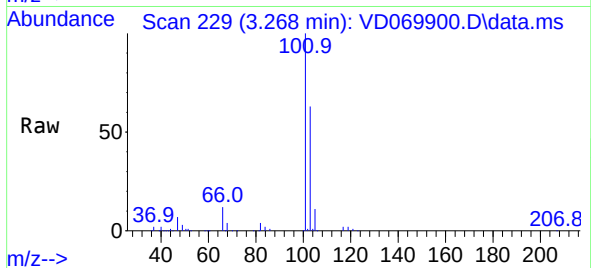
#7  
Trichlorofluoromethane  
Concen: 50.323 ug/l  
RT: 3.268 min Scan# 229  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion:101 Resp: 551275  
Ion Ratio Lower Upper  
101 100  
103 62.8 51.3 76.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

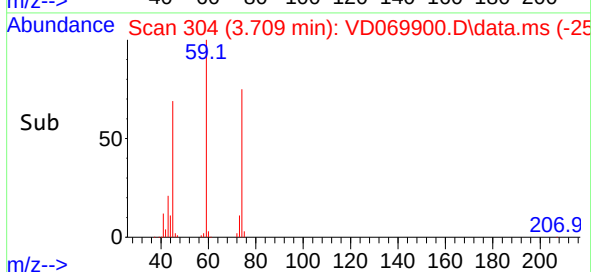
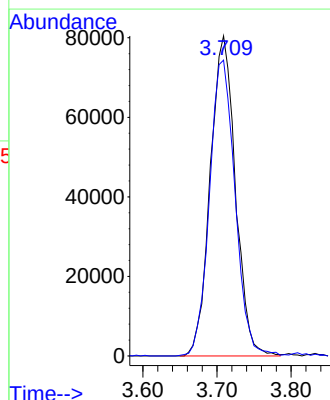
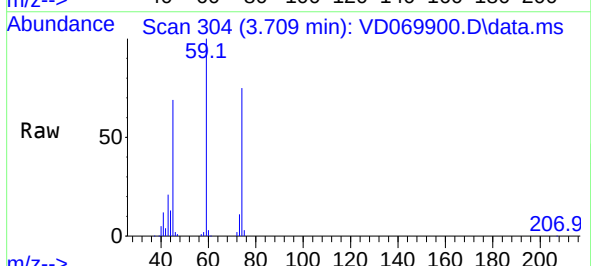
Manual Integrations  
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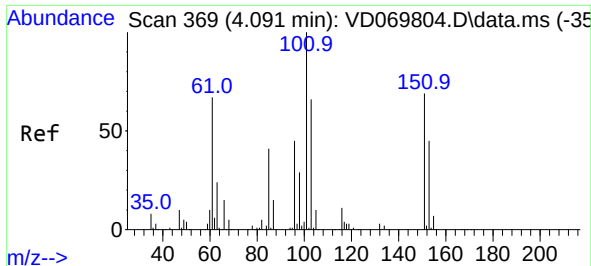


#8  
Diethyl Ether  
Concen: 61.615 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 74 Resp: 189856  
Ion Ratio Lower Upper  
74 100  
45 94.2 46.8 140.4







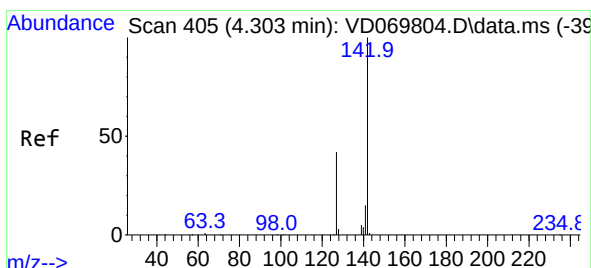
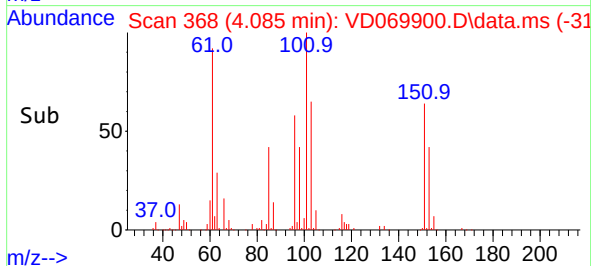
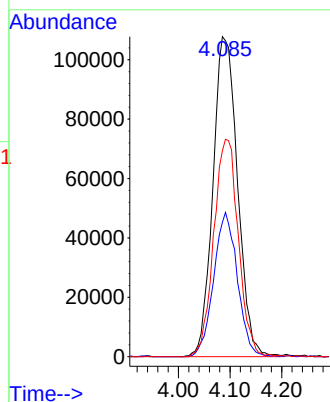
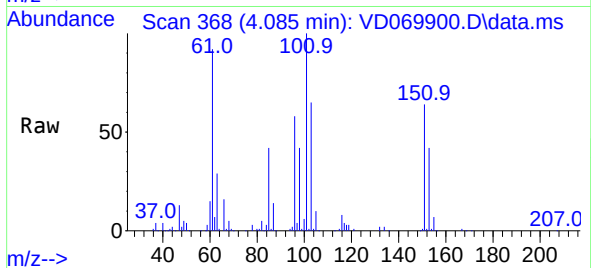
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.262 ug/l  
RT: 4.085 min Scan# 368  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion:101 Resp: 356645  
Ion Ratio Lower Upper  
101 100  
85 43.5 34.7 52.1  
151 68.0 55.4 83.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

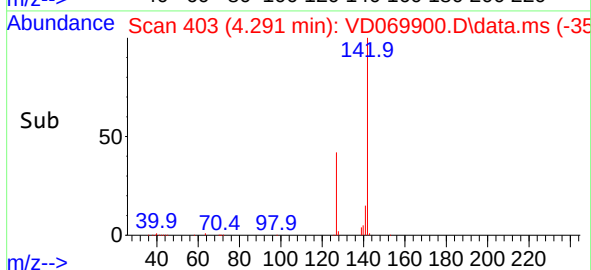
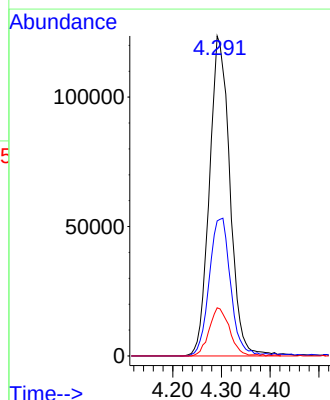
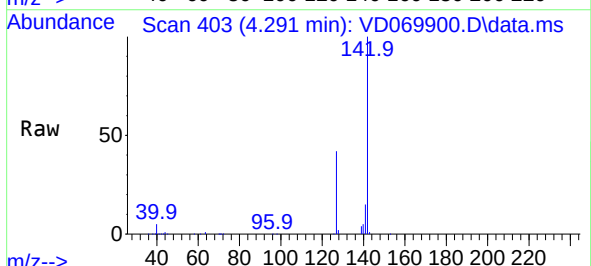
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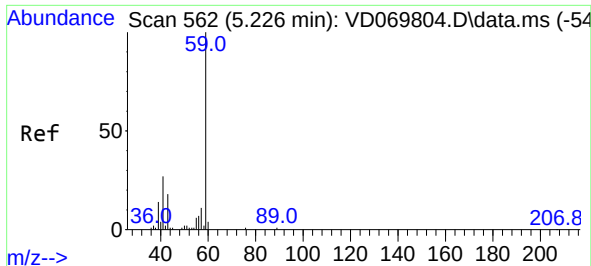
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#10  
Methyl Iodide  
Concen: 52.367 ug/l  
RT: 4.291 min Scan# 403  
Delta R.T. -0.012 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

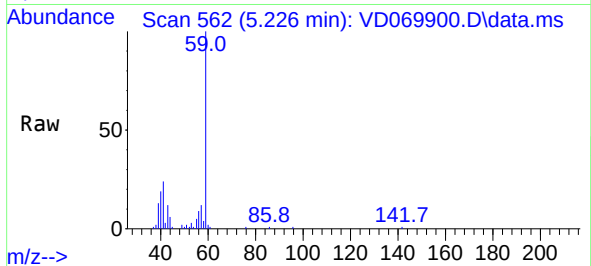
Tgt Ion:142 Resp: 360922  
Ion Ratio Lower Upper  
142 100  
127 44.8 35.7 53.5  
141 14.9 12.0 18.0





#11  
Tert butyl alcohol  
Concen: 295.595 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

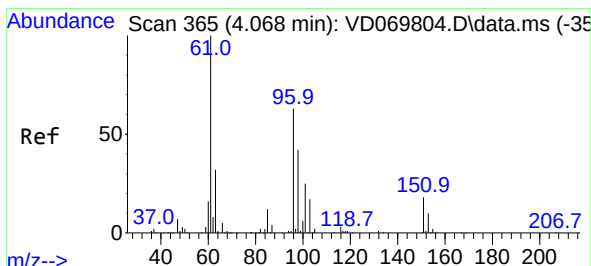
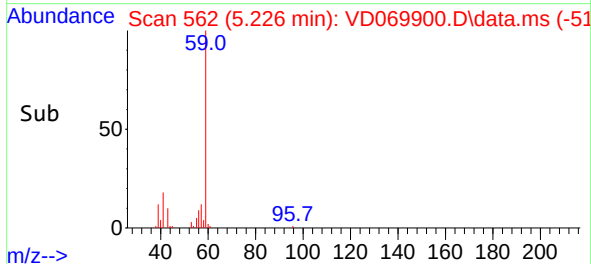
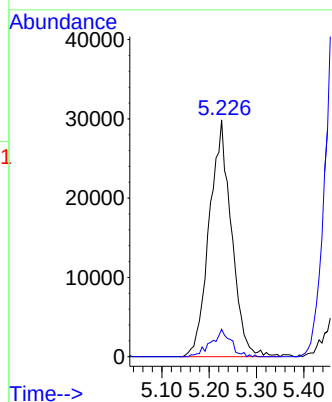
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 59 Resp: 97203  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.1 12.1

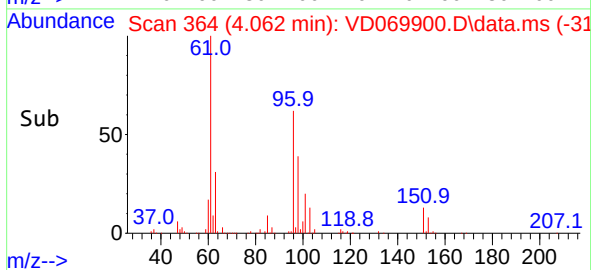
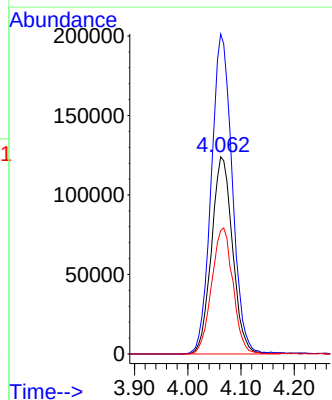
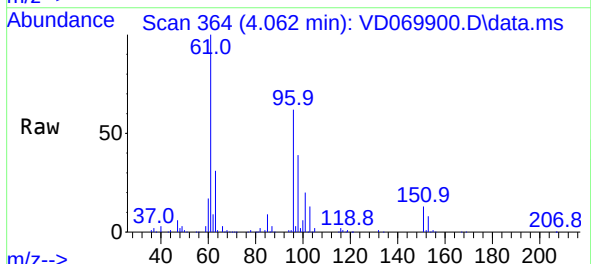
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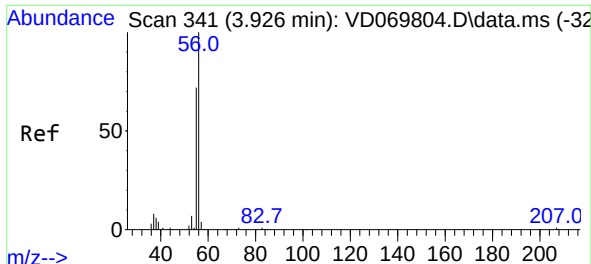
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#12  
1,1-Dichloroethene  
Concen: 54.022 ug/l  
RT: 4.062 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

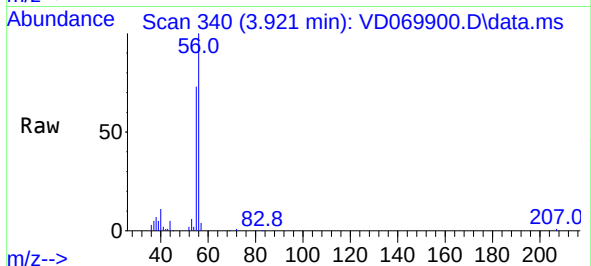
Tgt Ion: 96 Resp: 341539  
Ion Ratio Lower Upper  
96 100  
61 162.3 126.9 190.3  
98 62.6 53.2 79.8





#13  
Acrolein  
Concen: 282.653 ug/l  
RT: 3.921 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

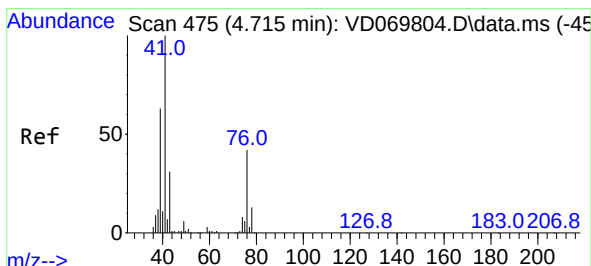
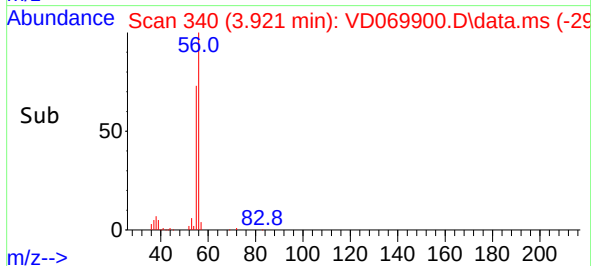
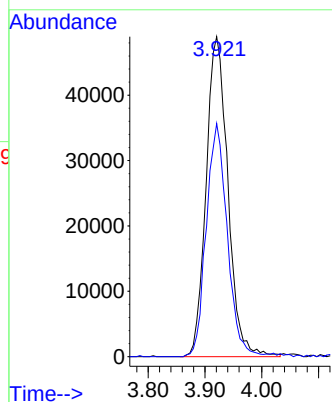
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 130111  
Ion Ratio Lower Upper  
56 100  
55 70.0 57.2 85.8

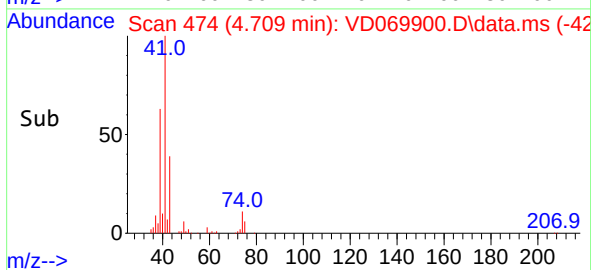
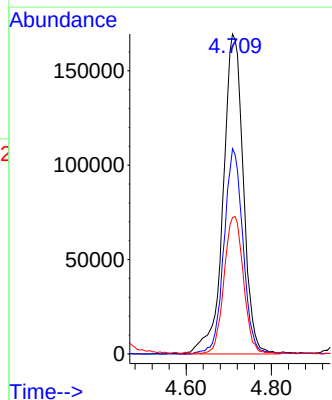
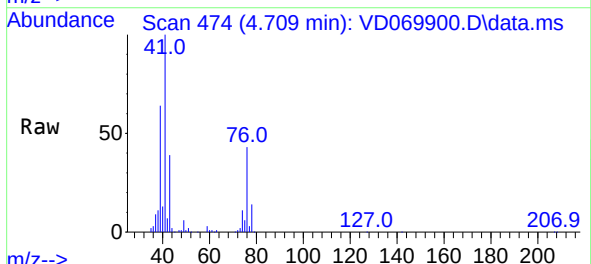
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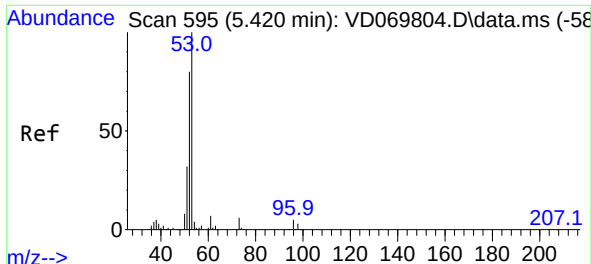
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#14  
Allyl chloride  
Concen: 60.089 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

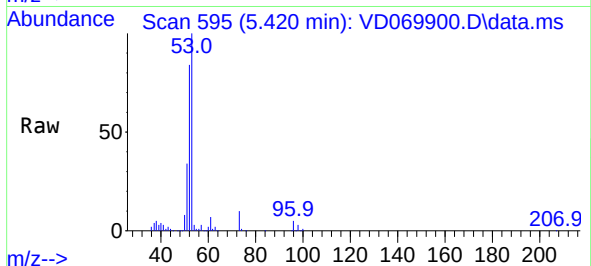
Tgt Ion: 41 Resp: 556979  
Ion Ratio Lower Upper  
41 100  
39 60.4 49.8 74.6  
76 40.8 31.8 47.8





#15  
Acrylonitrile  
Concen: 305.455 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

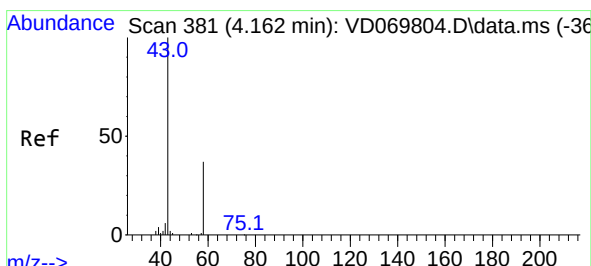
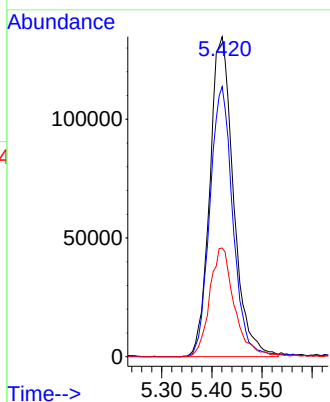
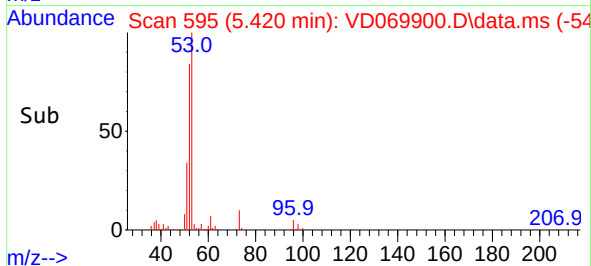
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



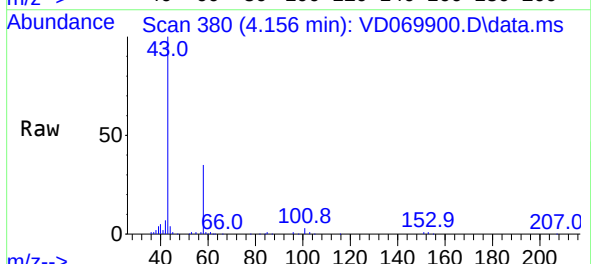
Tgt Ion: 53 Resp: 442759  
Ion Ratio Lower Upper  
53 100  
52 82.3 65.3 97.9  
51 35.1 28.3 42.5

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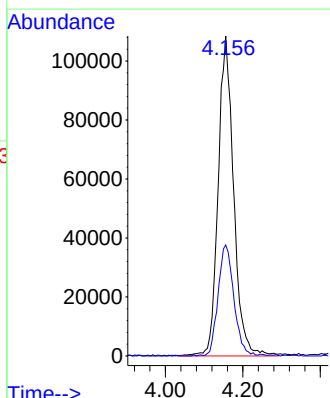
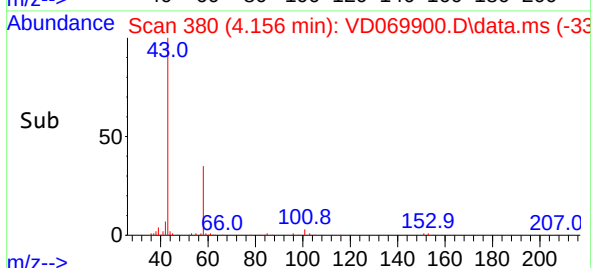
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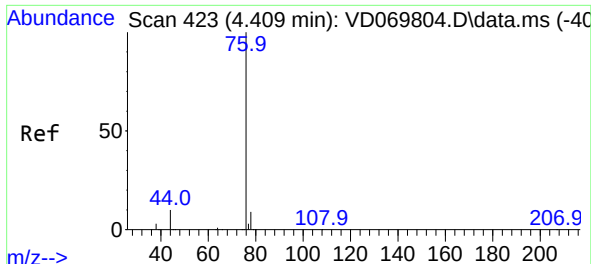


#16  
Acetone  
Concen: 262.383 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



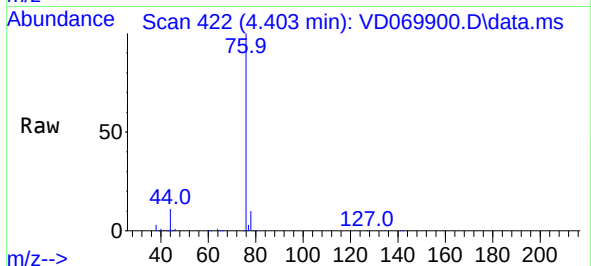
Tgt Ion: 43 Resp: 301220  
Ion Ratio Lower Upper  
43 100  
58 34.6 29.4 44.0





#17  
Carbon Disulfide  
Concen: 51.920 ug/l  
RT: 4.403 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

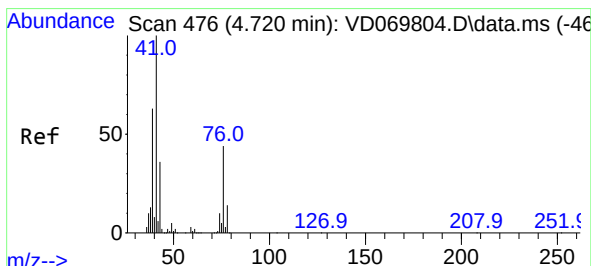
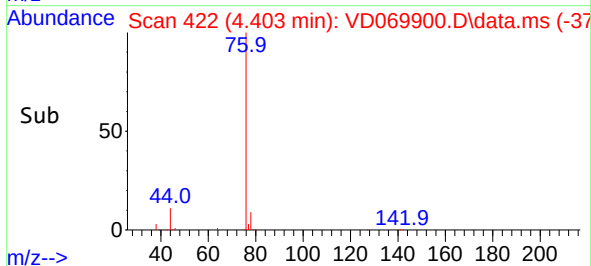
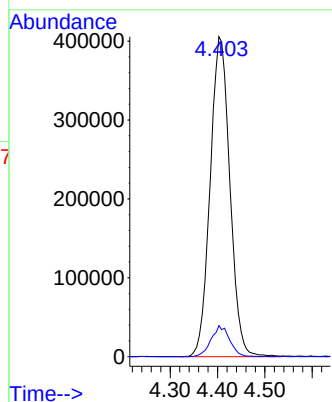
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 1173661  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.3 10.9

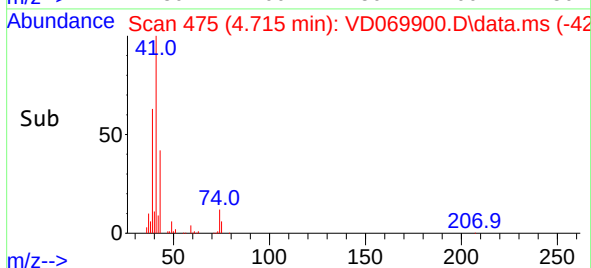
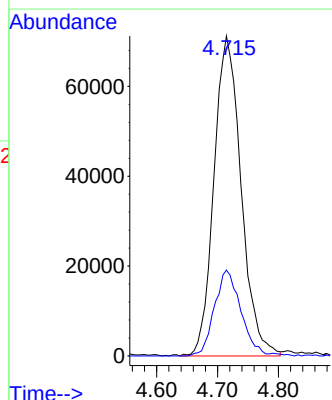
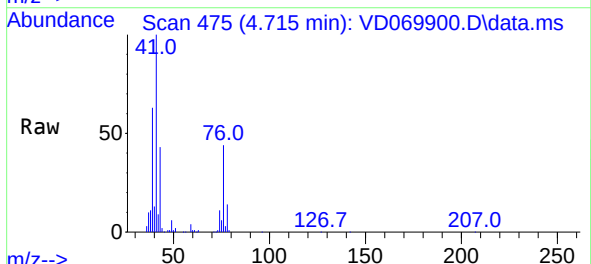
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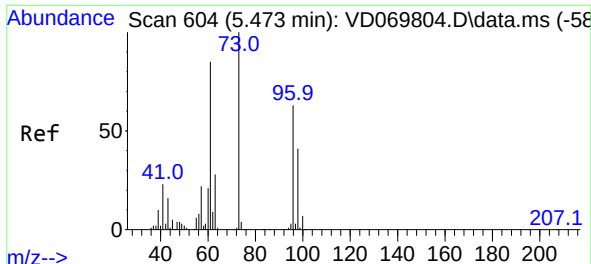
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#18  
Methyl Acetate  
Concen: 66.207 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

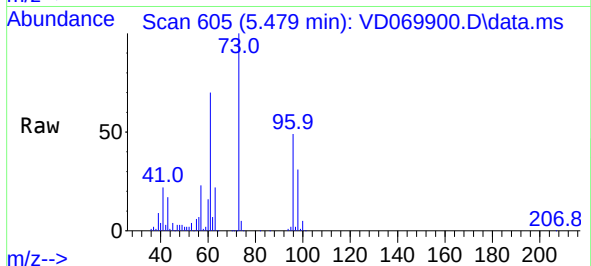
Tgt Ion: 43 Resp: 220534  
Ion Ratio Lower Upper  
43 100  
74 26.0 21.4 32.2





#19  
Methyl tert-butyl Ether  
Concen: 65.048 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

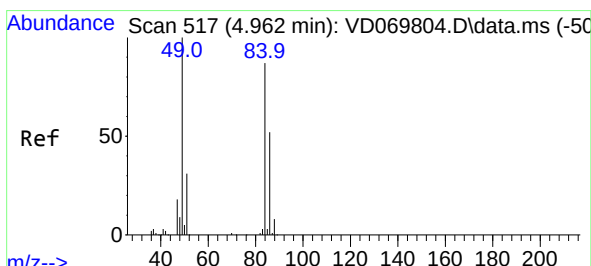
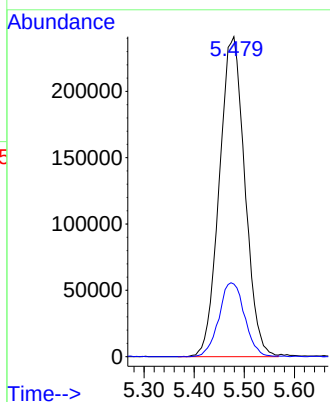
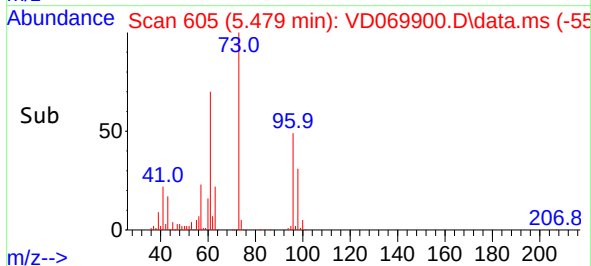
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



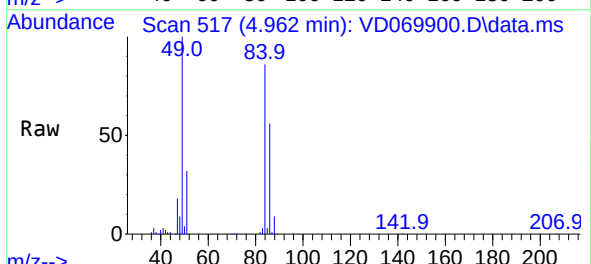
Tgt Ion: 73 Resp: 852067  
Ion Ratio Lower Upper  
73 100  
57 22.7 17.8 26.8

Manual Integrations  
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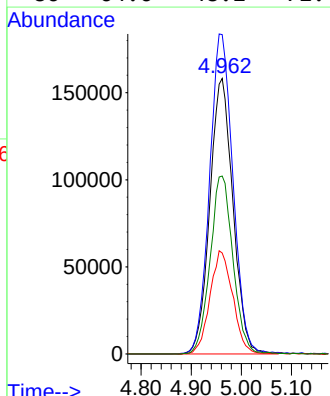
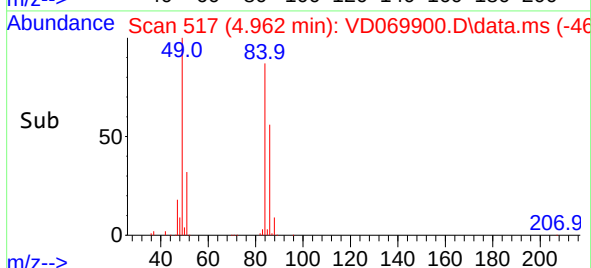
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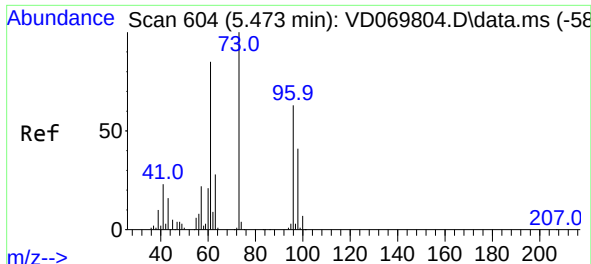


#20  
Methylene Chloride  
Concen: 62.673 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



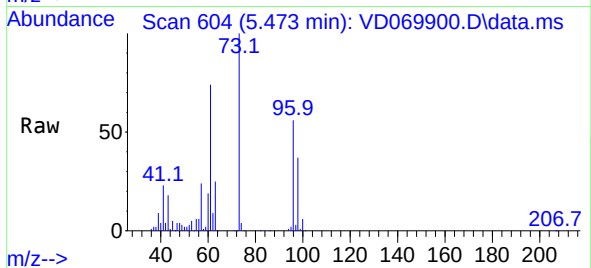
Tgt Ion: 84 Resp: 507801  
Ion Ratio Lower Upper  
84 100  
49 115.9 92.4 138.6  
51 36.6 28.5 42.7  
86 64.6 48.2 72.4





#21  
trans-1,2-Dichloroethene  
Concen: 54.704 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

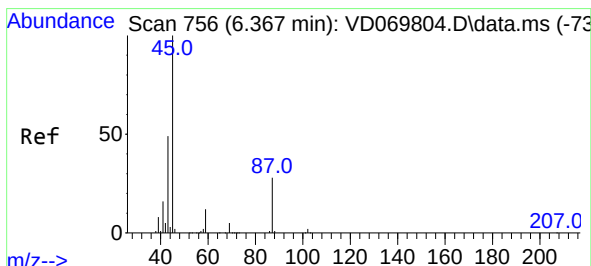
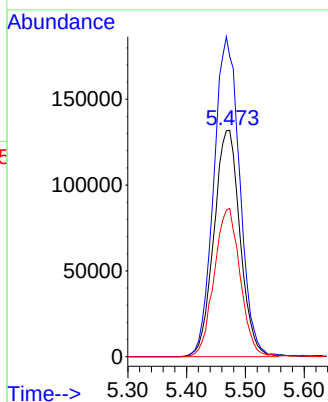
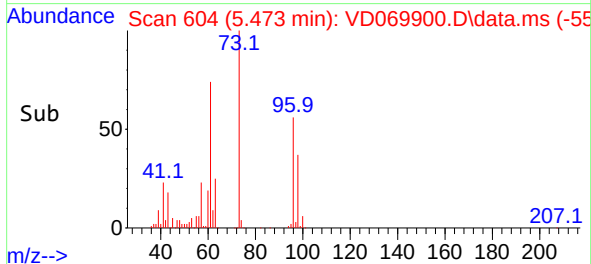
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



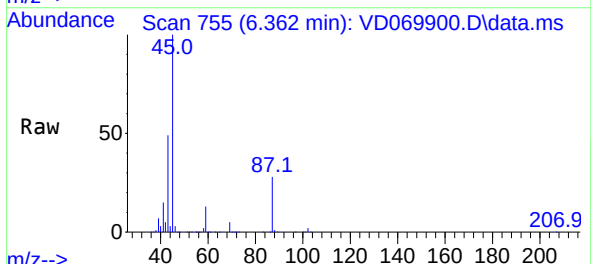
Tgt Ion: 96 Resp: 407527  
Ion Ratio Lower Upper  
96 100  
61 132.6 107.0 160.6  
98 65.5 52.3 78.5

Manual Integrations  
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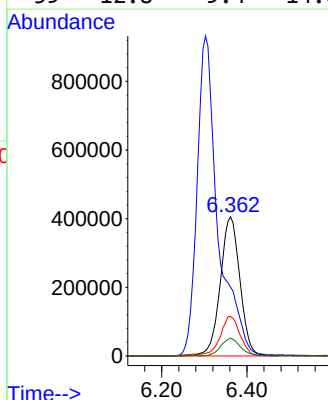
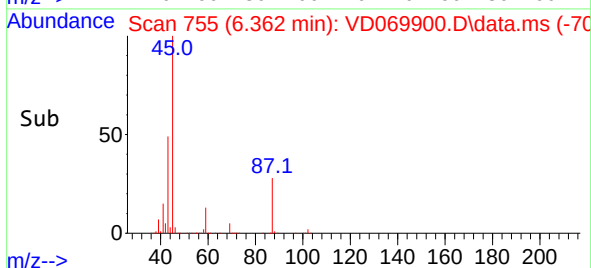
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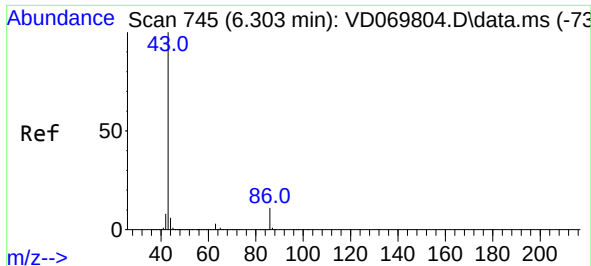


#22  
Diisopropyl ether  
Concen: 64.634 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



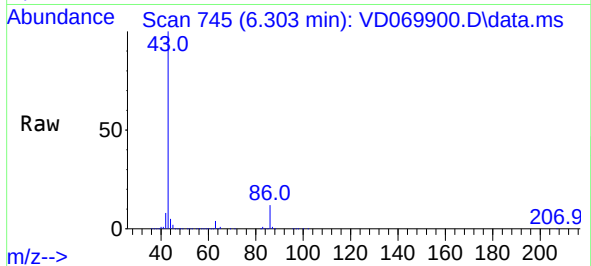
Tgt Ion: 45 Resp: 1301870  
Ion Ratio Lower Upper  
45 100  
43 49.1 39.2 58.8  
87 28.2 22.3 33.5  
59 12.8 9.4 14.0



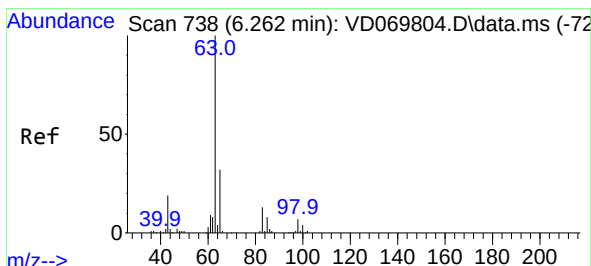
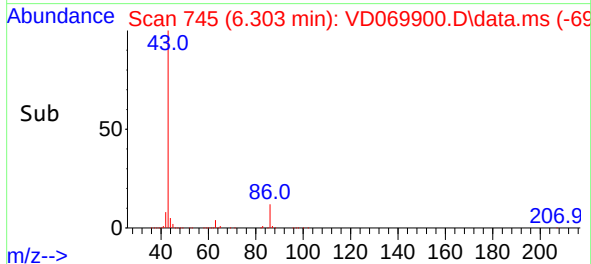
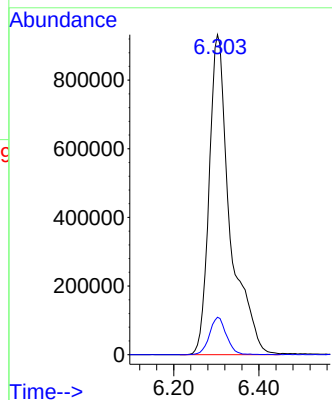


#23  
 Vinyl Acetate  
 Concen: 283.725 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD069900.D  
 Acq: 28 Jul 2021 20:41

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

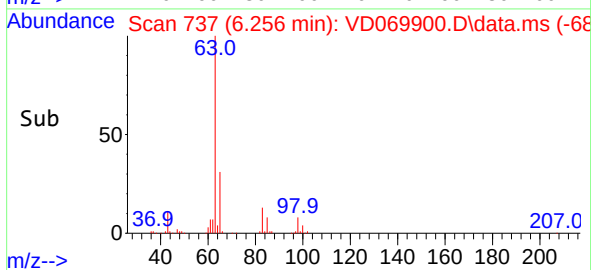
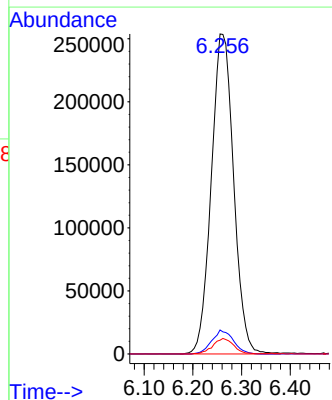
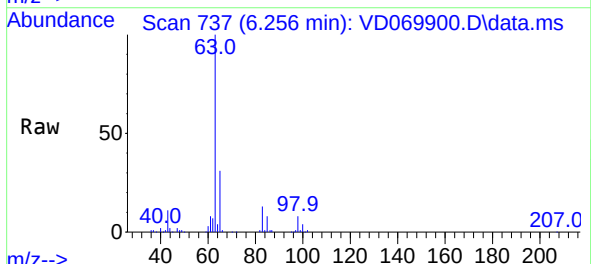


Tgt Ion: 43 Resp: 3176774  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 8.6 13.0

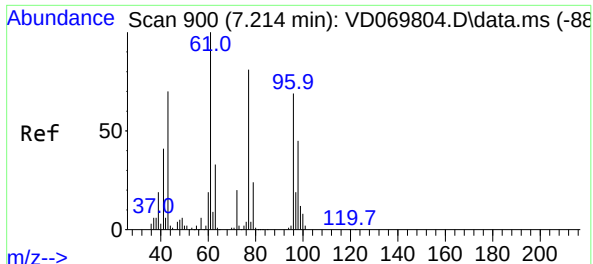


#24  
 1,1-Dichloroethane  
 Concen: 58.139 ug/l  
 RT: 6.256 min Scan# 737  
 Delta R.T. -0.006 min  
 Lab File: VD069900.D  
 Acq: 28 Jul 2021 20:41

Tgt Ion: 63 Resp: 808833  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.6 10.8  
 100 4.3 2.2 6.6







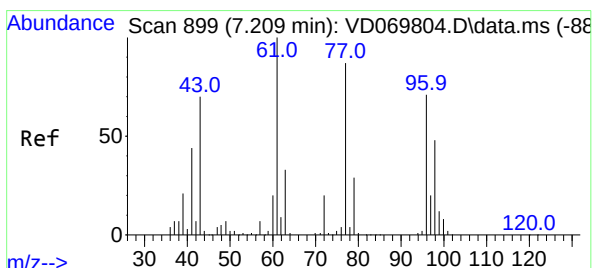
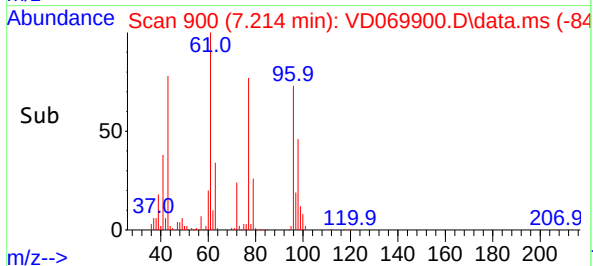
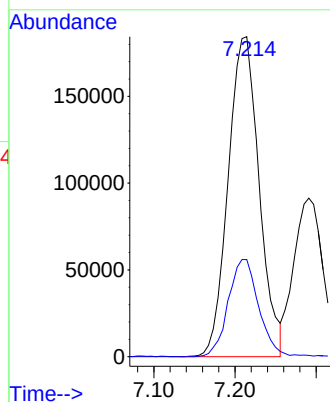
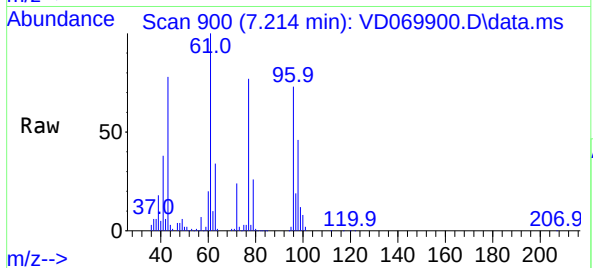
#25  
2-Butanone  
Concen: 314.943 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 43 Resp: 490318  
Ion Ratio Lower Upper  
43 100  
72 30.3 22.8 34.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

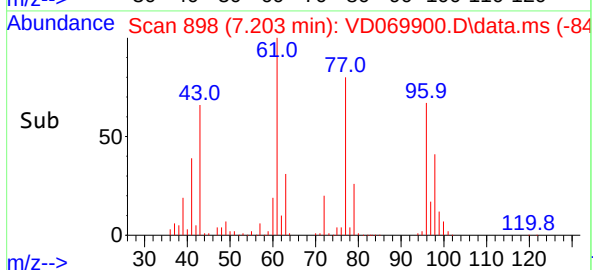
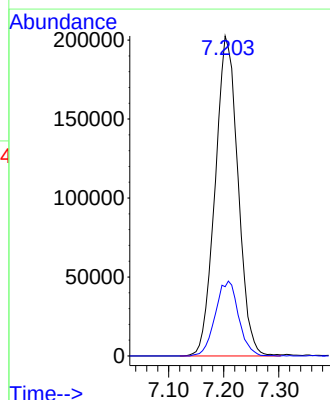
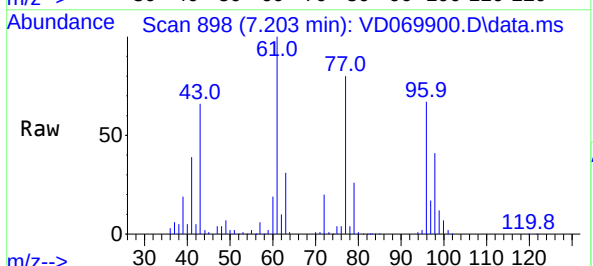
Manual Integrations  
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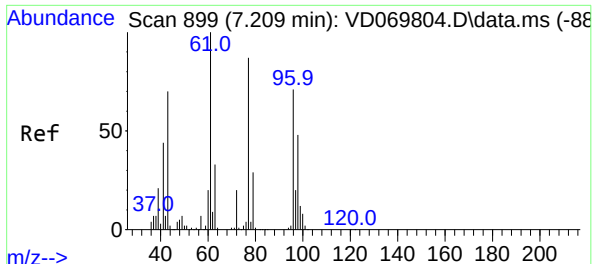
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#26  
2,2-Dichloropropane  
Concen: 55.256 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 77 Resp: 584530  
Ion Ratio Lower Upper  
77 100  
97 23.9 11.9 35.7





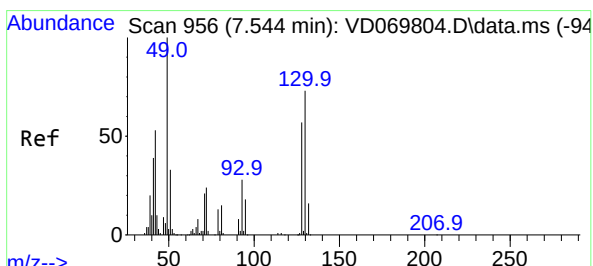
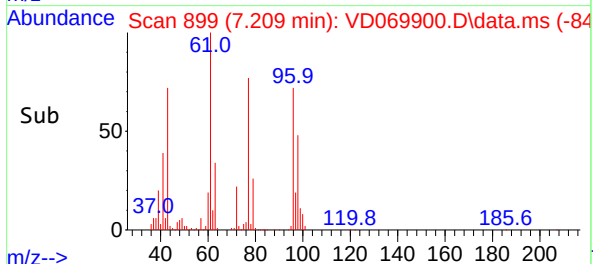
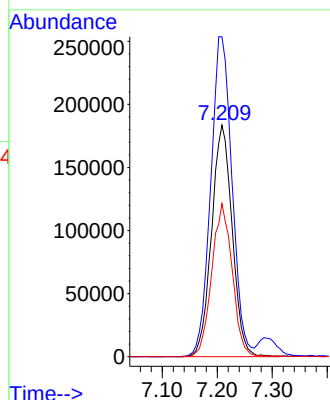
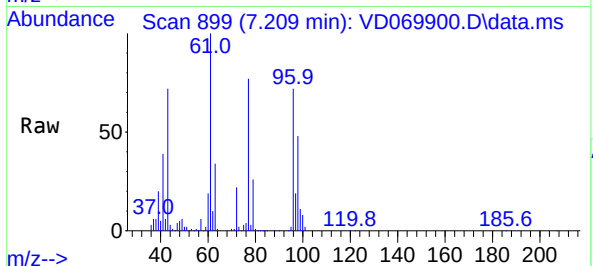
#27  
cis-1,2-Dichloroethene  
Concen: 60.337 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 96 Resp: 479634  
Ion Ratio Lower Upper  
96 100  
61 142.7 0.0 291.6  
98 65.1 0.0 132.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

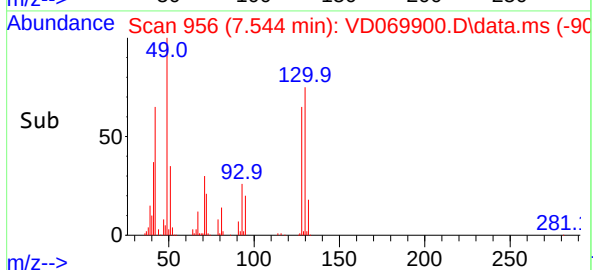
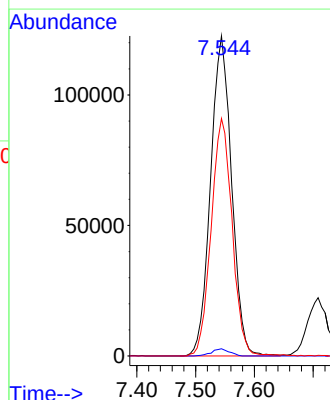
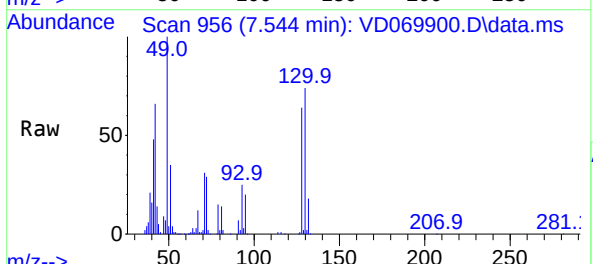
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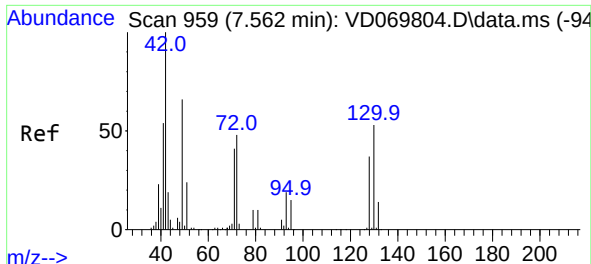
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#28  
Bromochloromethane  
Concen: 57.656 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 49 Resp: 304538  
Ion Ratio Lower Upper  
49 100  
129 1.9 0.0 4.2  
130 74.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 325.023 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD069900.D

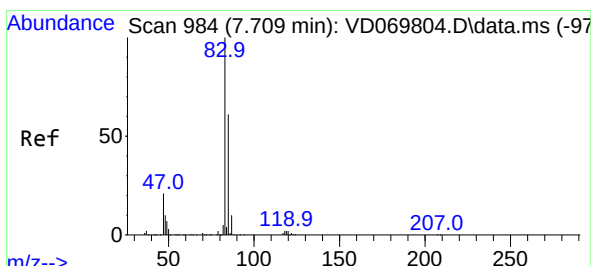
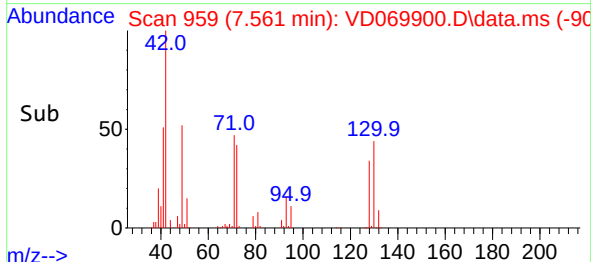
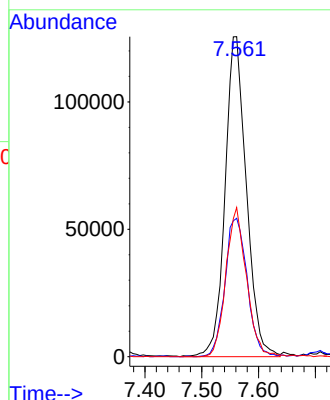
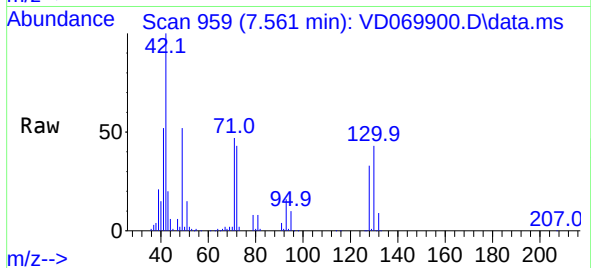
Acq: 28 Jul 2021 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 327374 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 45.3  | 36.5  | 54.7   |
| 71       | 44.9  | 33.5  | 50.3   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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#30

Chloroform

Concen: 53.854 ug/l

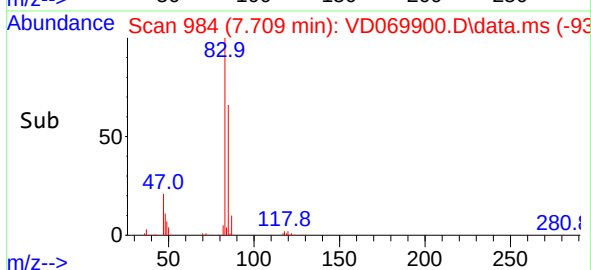
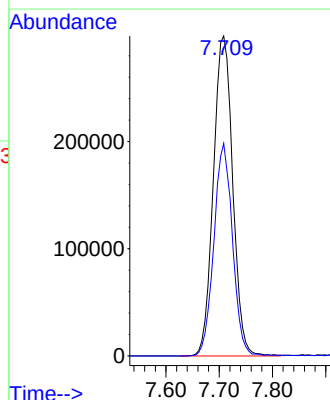
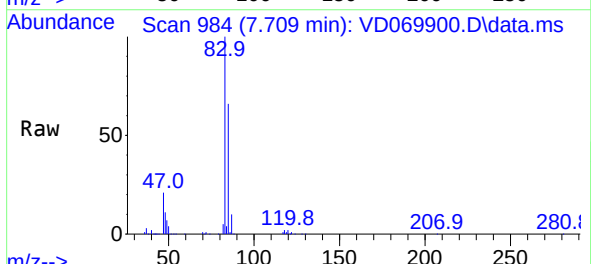
RT: 7.709 min Scan# 984

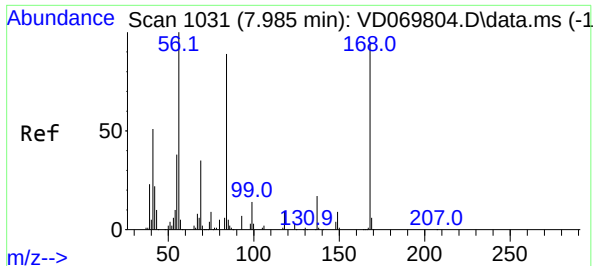
Delta R.T. -0.000 min

Lab File: VD069900.D

Acq: 28 Jul 2021 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 753275 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.4  | 49.1  | 73.7   |





#31

Cyclohexane

Concen: 49.106 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD069900.D

Acq: 28 Jul 2021 20:41

Tgt Ion: 56 Resp: 609761

Ion Ratio Lower Upper

56 100

69 32.7 27.9 41.9

84 90.0 71.4 107.2

Instrument :

MSVOA\_D

ClientSampleId :

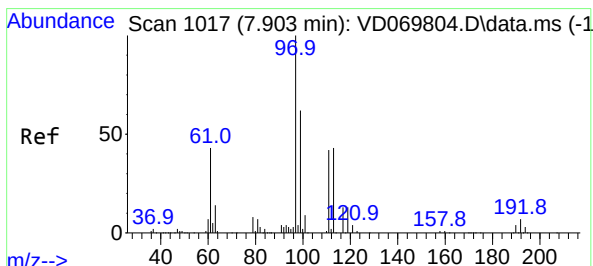
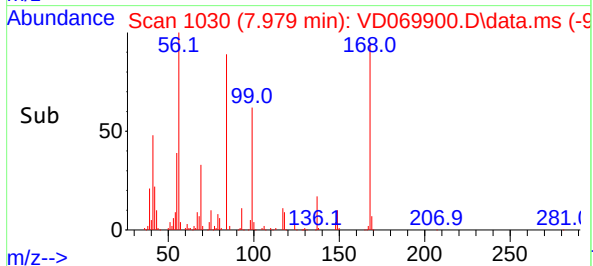
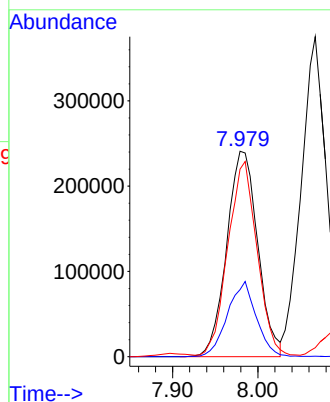
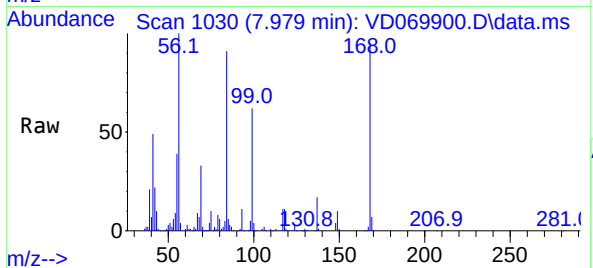
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#32

1,1,1-Trichloroethane

Concen: 52.238 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD069900.D

Acq: 28 Jul 2021 20:41

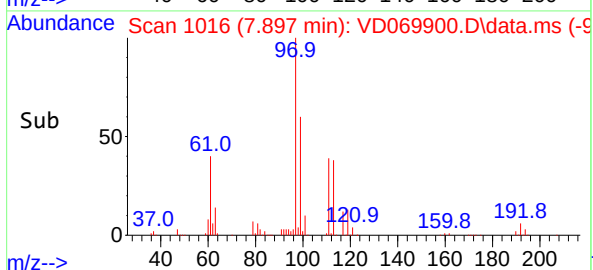
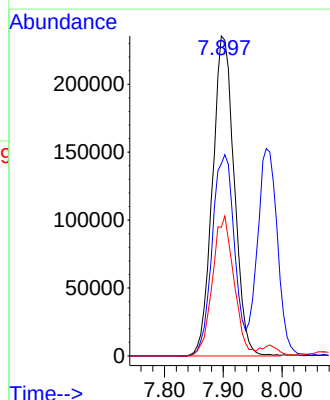
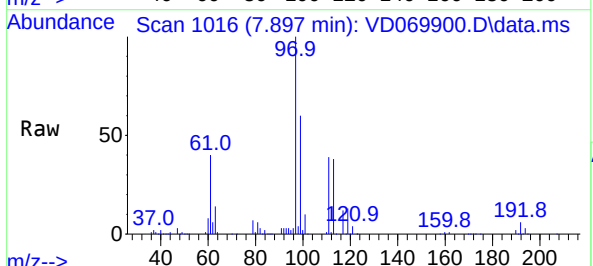
Tgt Ion: 97 Resp: 604792

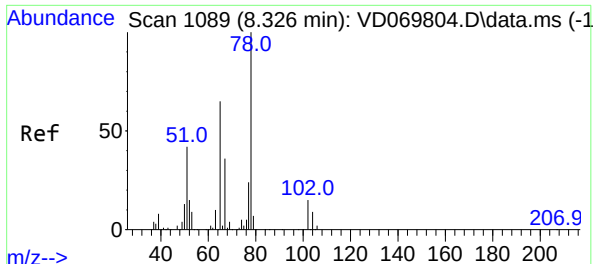
Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

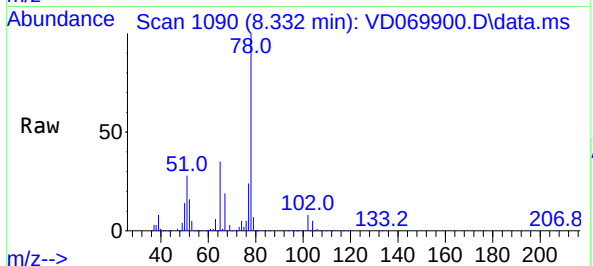
61 43.3 34.5 51.7





#33  
1,2-Dichloroethane-d4  
Concen: 55.782 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

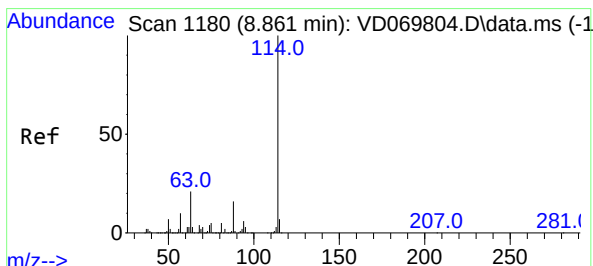
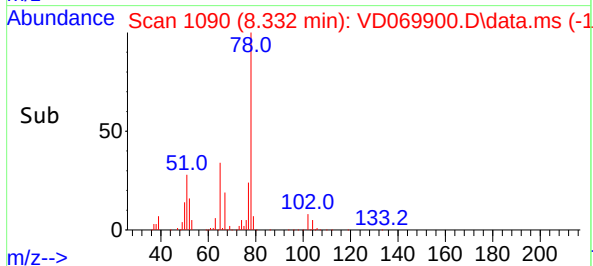
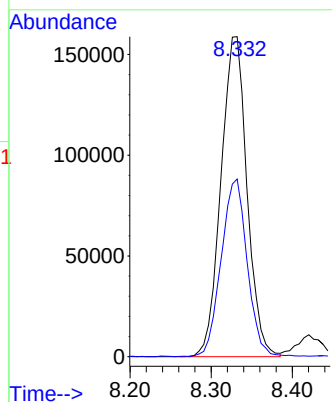
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



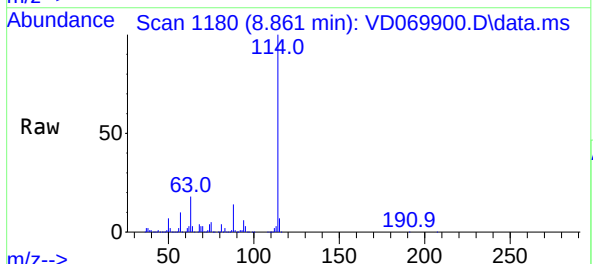
Tgt Ion: 65 Resp: 354499  
Ion Ratio Lower Upper  
65 100  
67 55.5 0.0 111.2

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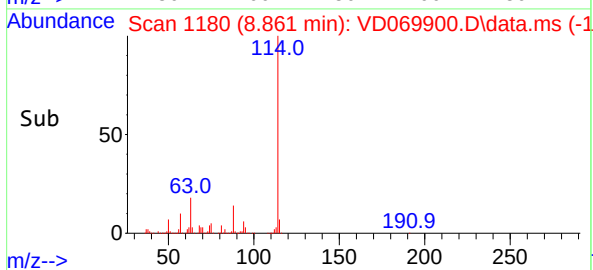
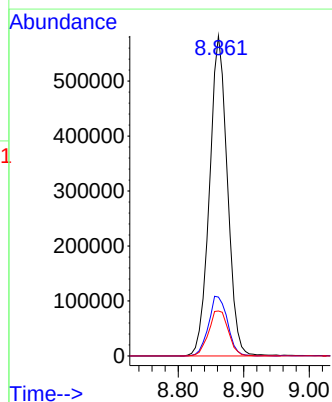
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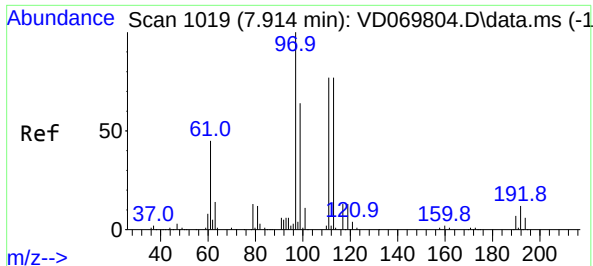


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

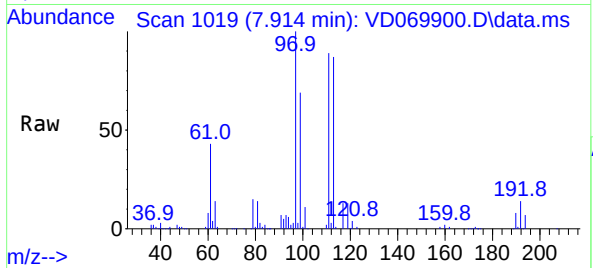


Tgt Ion: 114 Resp: 1101993  
Ion Ratio Lower Upper  
114 100  
63 18.4 0.0 41.6  
88 14.1 0.0 31.4

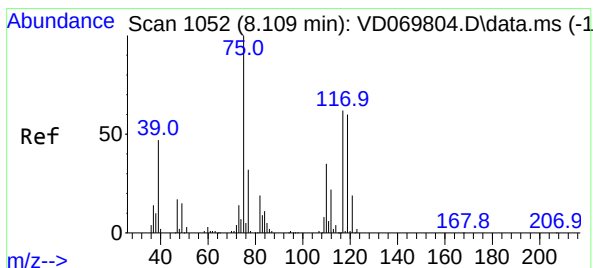
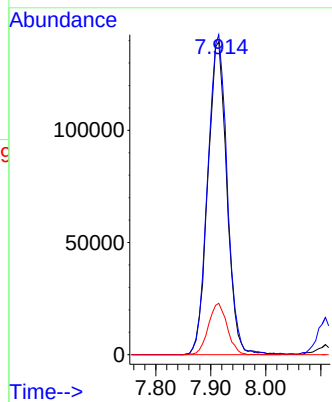
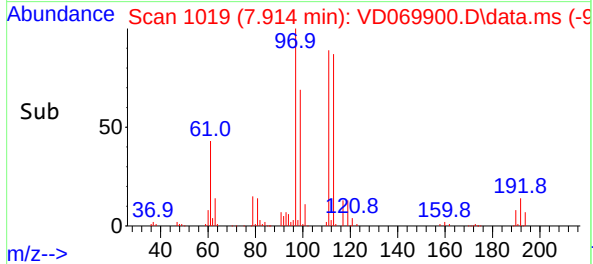




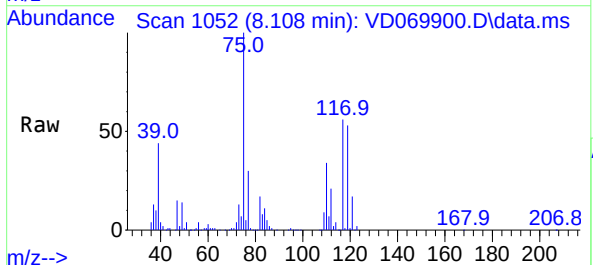
#35  
Dibromofluoromethane  
Concen: 48.326 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



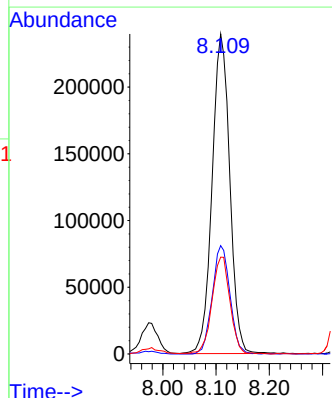
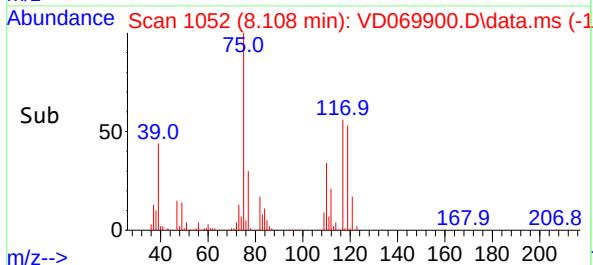
Tgt Ion:113 Resp: 335719  
Ion Ratio Lower Upper  
113 100  
111 104.2 80.5 120.7  
192 16.2 12.6 19.0



#36  
1,1-Dichloropropene  
Concen: 46.483 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



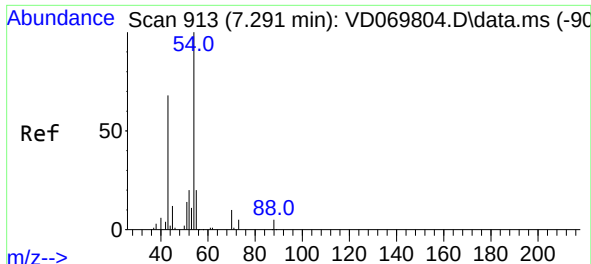
Tgt Ion: 75 Resp: 552789  
Ion Ratio Lower Upper  
75 100  
110 33.8 16.9 50.7  
77 31.0 24.9 37.3



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

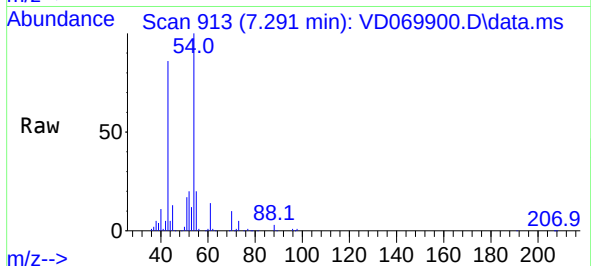
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#37  
Ethyl Acetate  
Concen: 54.634 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

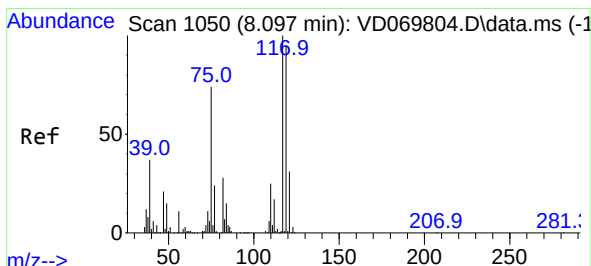
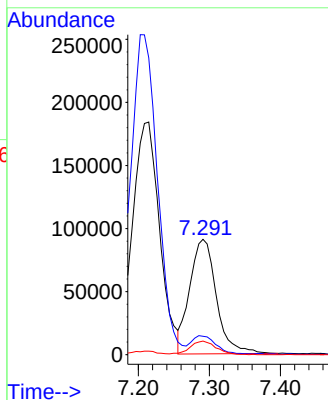
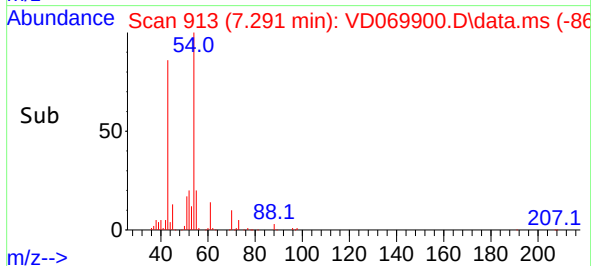
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



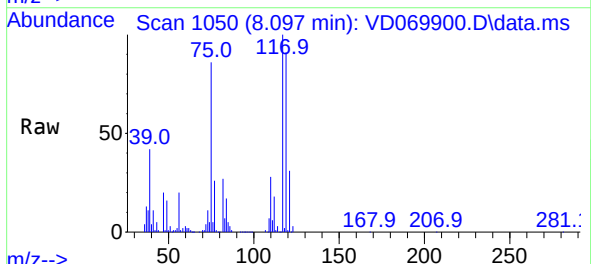
Tgt Ion: 43 Resp: 236528  
Ion Ratio Lower Upper  
43 100  
61 14.5 11.8 17.8  
70 11.7 8.9 13.3

Manual Integrations  
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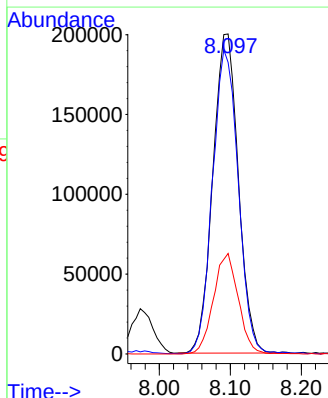
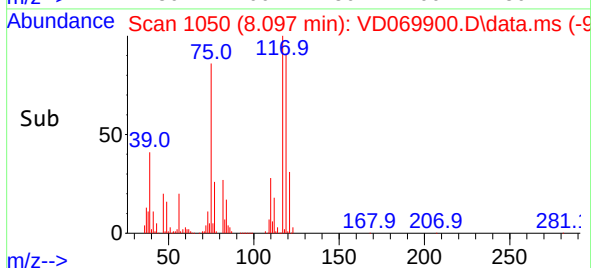
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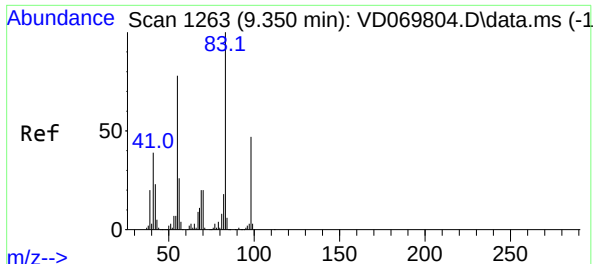


#38  
Carbon Tetrachloride  
Concen: 45.886 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



Tgt Ion: 117 Resp: 498451  
Ion Ratio Lower Upper  
117 100  
119 91.2 76.2 114.2  
121 31.5 24.5 36.7





#39

Methylcyclohexane

Concen: 46.140 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD069900.D

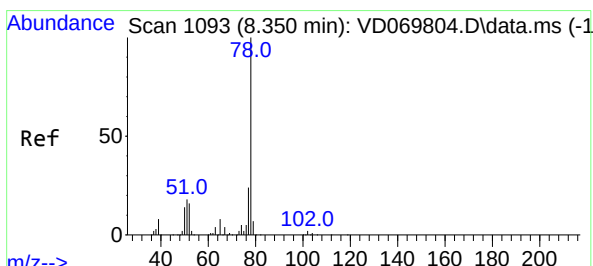
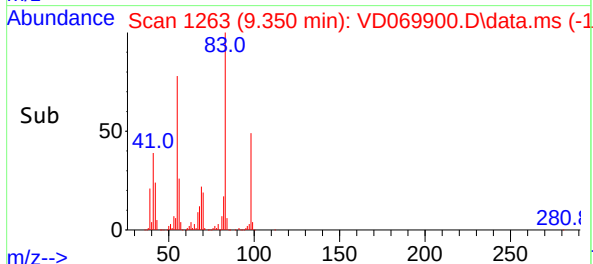
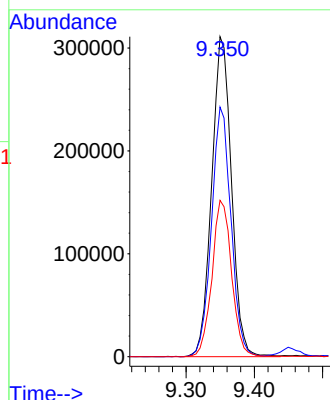
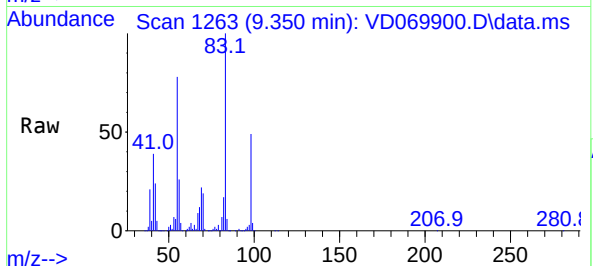
Acq: 28 Jul 2021 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 628427 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 78.0  | 62.2  | 93.2   |
| 98       | 48.8  | 37.8  | 56.8   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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#40

Benzene

Concen: 52.141 ug/l

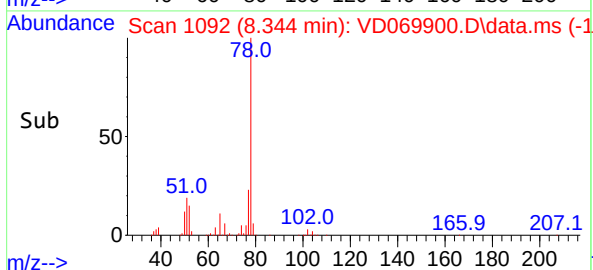
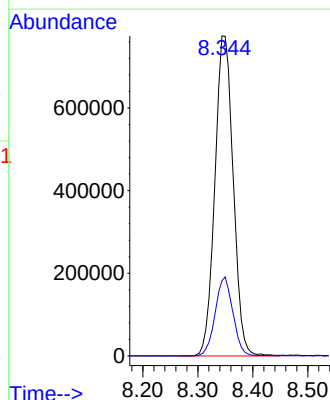
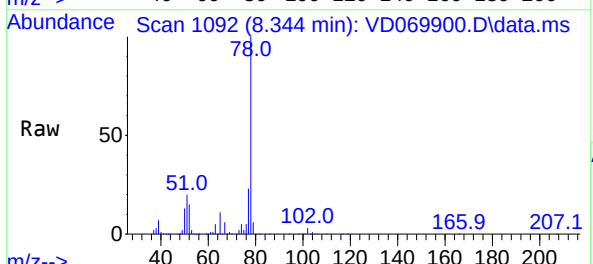
RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

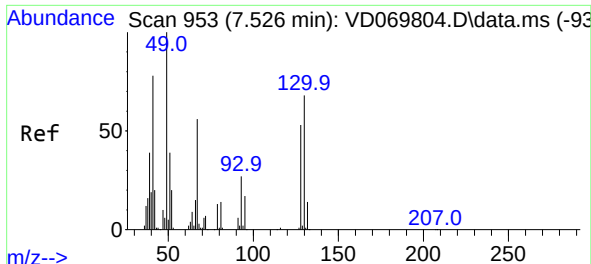
Lab File: VD069900.D

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|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 78    | Resp: | 1796425 |
| Ion      | Ratio | Lower | Upper   |
| 78       | 100   |       |         |
| 77       | 23.4  | 19.4  | 29.0    |







#41  
Methacrylonitrile  
Concen: 55.350 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

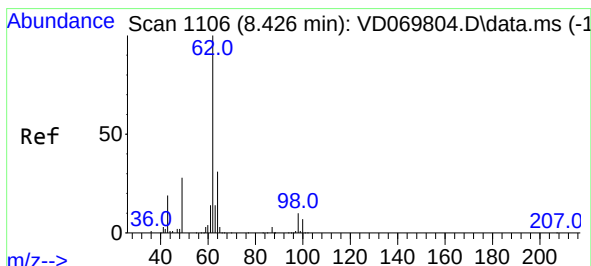
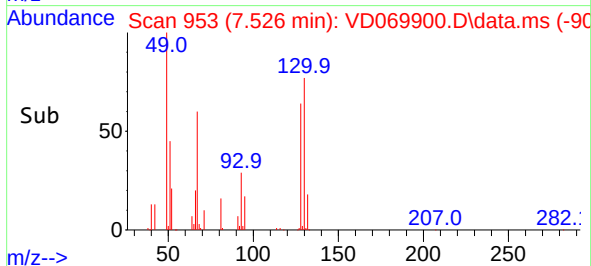
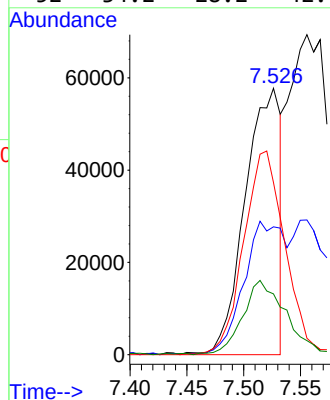
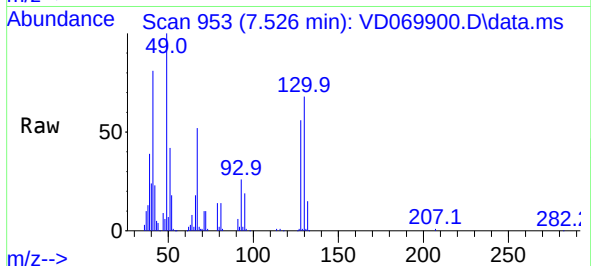
Tgt Ion: 41 Resp: 125755

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.7  | 46.7  | 70.1  |
| 67  | 89.2  | 69.3  | 103.9 |
| 52  | 34.2  | 28.2  | 42.4  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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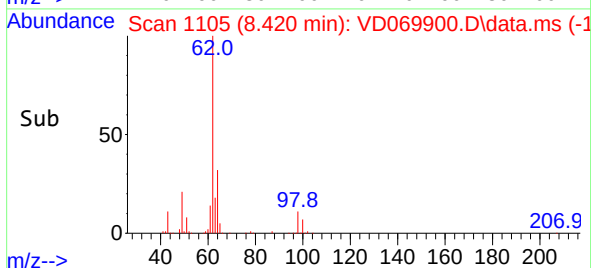
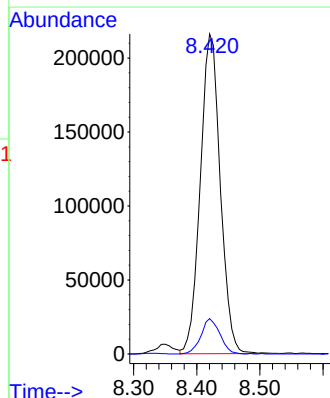
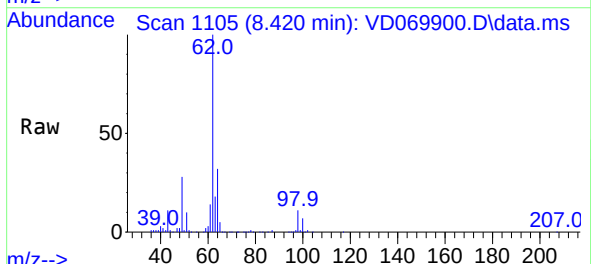
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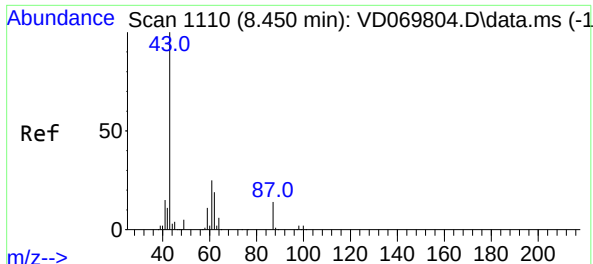


#42  
1,2-Dichloroethane  
Concen: 52.153 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

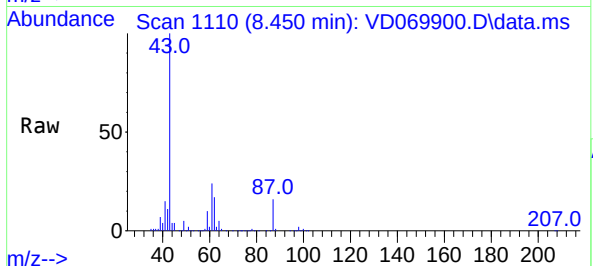
Tgt Ion: 62 Resp: 475193

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.5  | 0.0   | 20.4  |

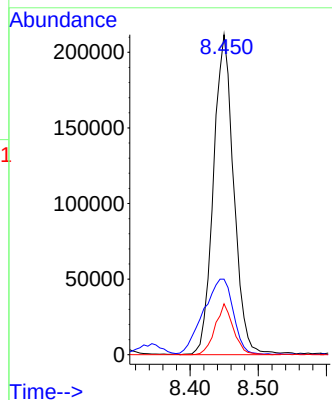
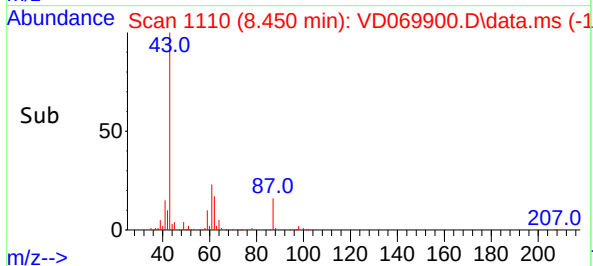




#43  
Isopropyl Acetate  
Concen: 56.517 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



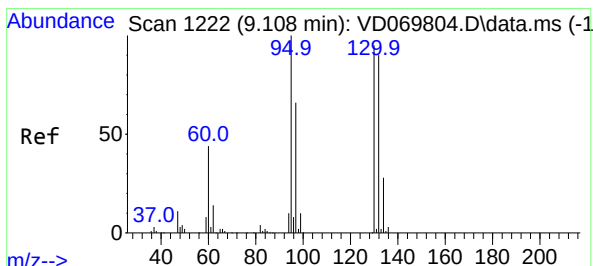
Tgt Ion: 43 Resp: 438834  
Ion Ratio Lower Upper  
43 100  
61 34.5 27.8 41.6  
87 14.2 11.3 16.9



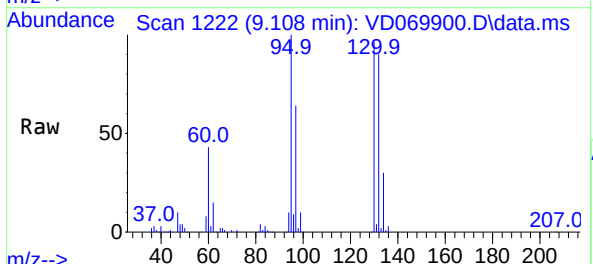
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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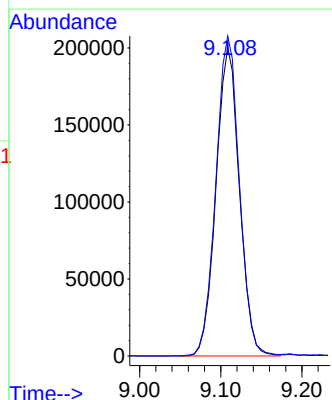
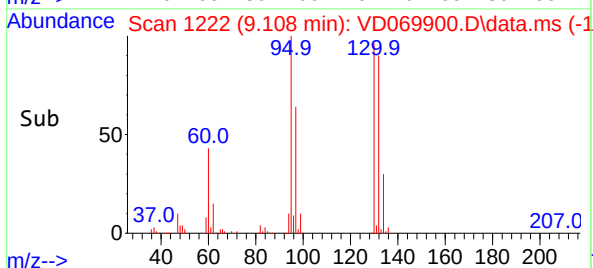
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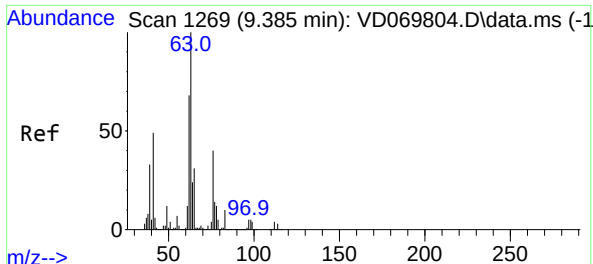


#44  
Trichloroethene  
Concen: 47.166 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



Tgt Ion:130 Resp: 400188  
Ion Ratio Lower Upper  
130 100  
95 103.8 0.0 210.8





#45

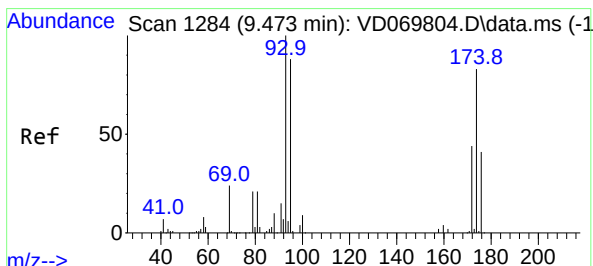
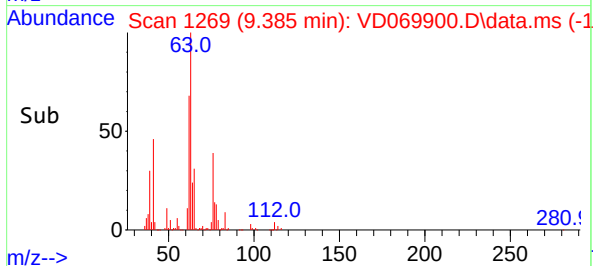
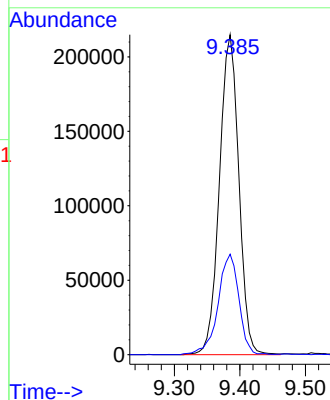
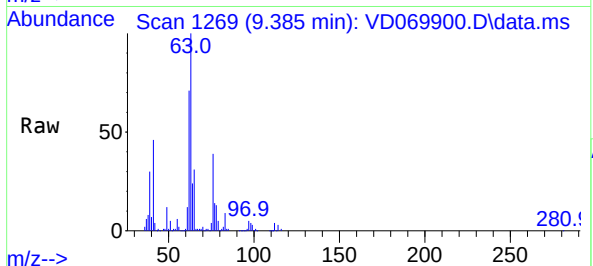
1,2-Dichloropropane  
Concen: 48.669 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 63 Resp: 440446  
Ion Ratio Lower Upper  
63 100  
65 31.4 24.9 37.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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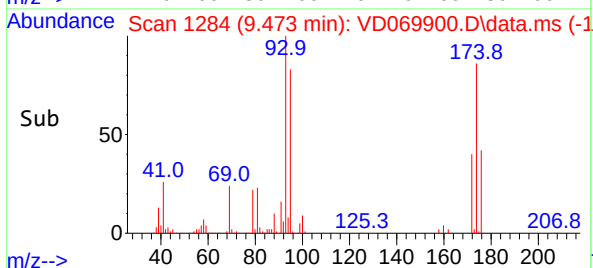
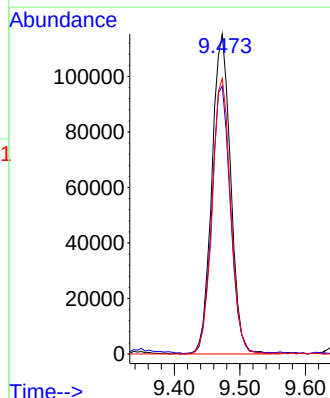
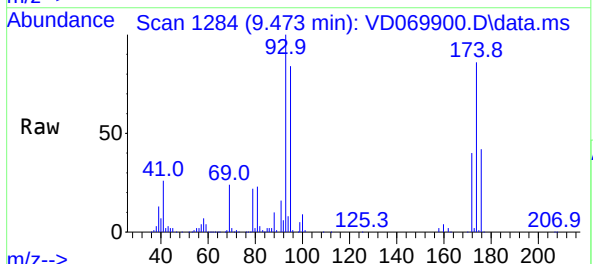
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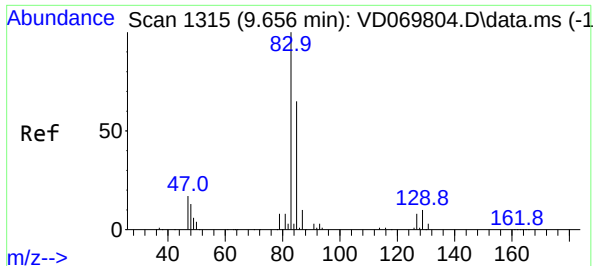


#46

Dibromomethane  
Concen: 51.542 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 93 Resp: 229281  
Ion Ratio Lower Upper  
93 100  
95 83.7 67.5 101.3  
174 84.5 66.3 99.5





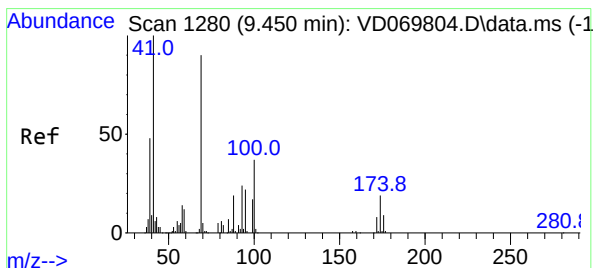
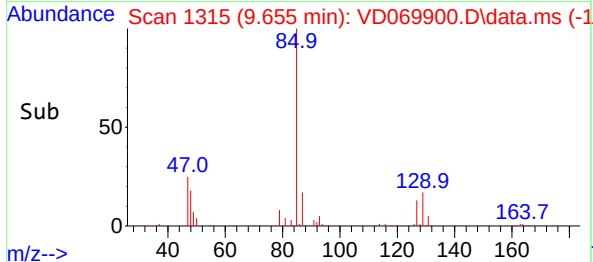
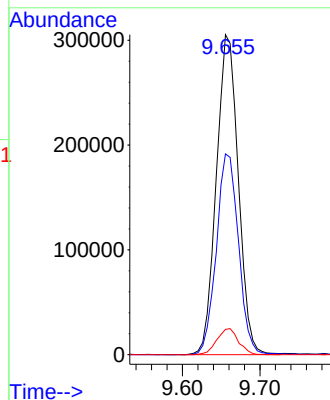
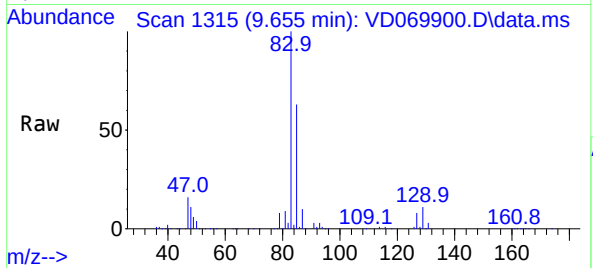
#47  
Bromodichloromethane  
Concen: 52.097 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 83 Resp: 602104  
Ion Ratio Lower Upper  
83 100  
85 62.7 52.0 78.0  
127 7.9 6.6 10.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

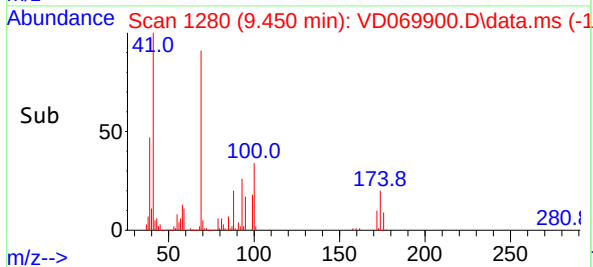
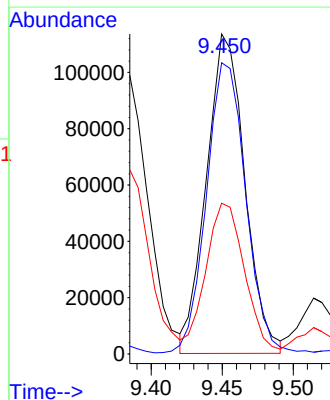
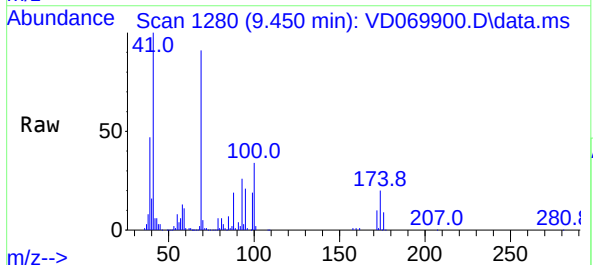
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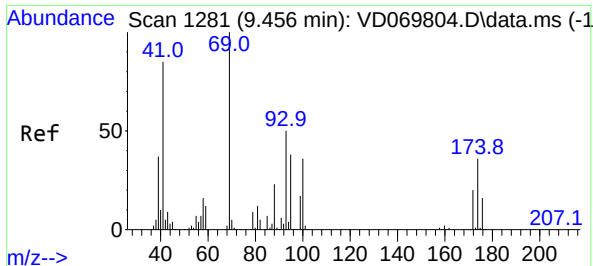
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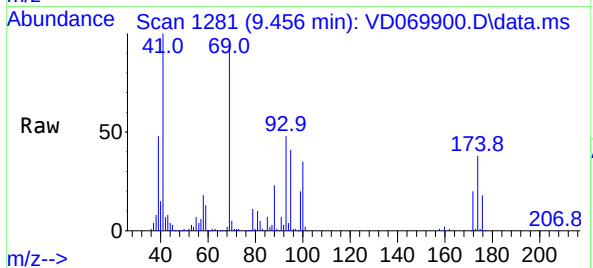
#48  
Methyl methacrylate  
Concen: 51.570 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 41 Resp: 213582  
Ion Ratio Lower Upper  
41 100  
69 92.8 73.4 110.2  
39 44.8 36.6 55.0

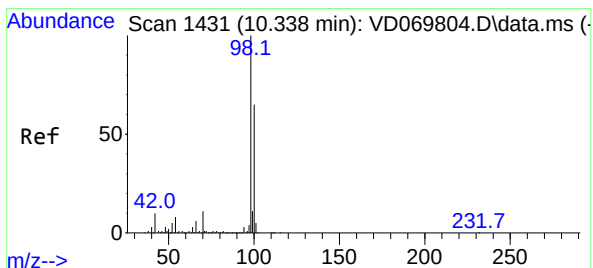
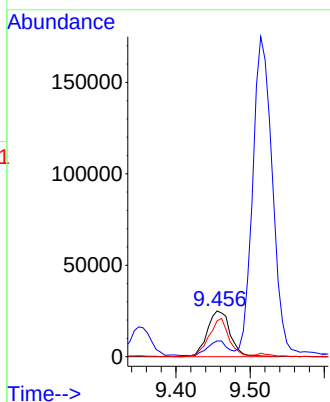
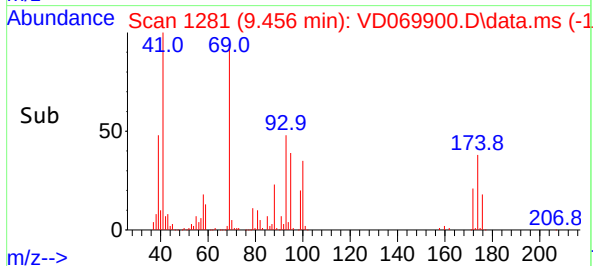




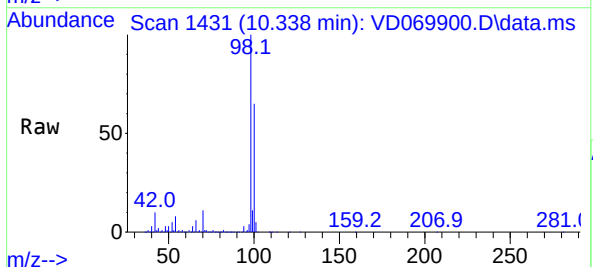
#49  
1,4-Dioxane  
Concen: 1139.816 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



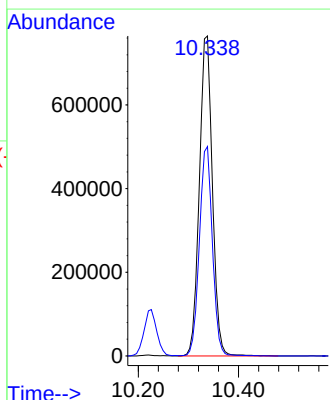
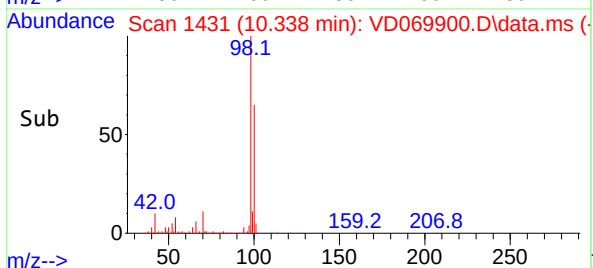
Tgt Ion: 88 Resp: 53569  
Ion Ratio Lower Upper  
88 100  
43 27.6 26.8 40.2  
58 72.7 59.8 89.6



#50  
Toluene-d8  
Concen: 51.591 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



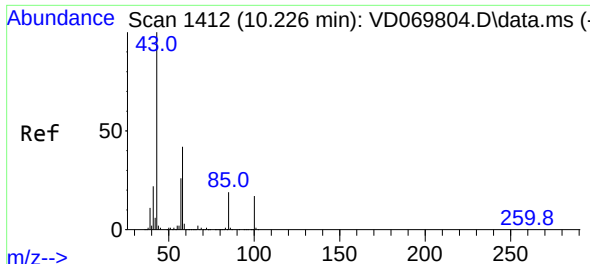
Tgt Ion: 98 Resp: 1381976  
Ion Ratio Lower Upper  
98 100  
100 65.4 51.9 77.9



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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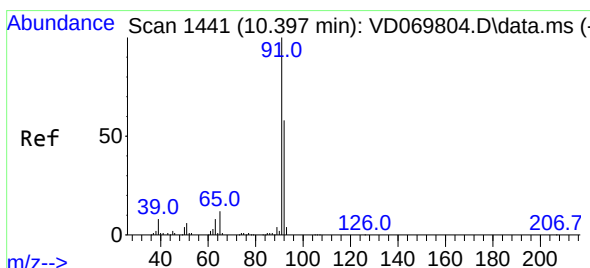
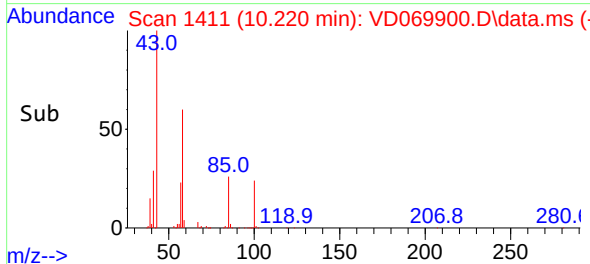
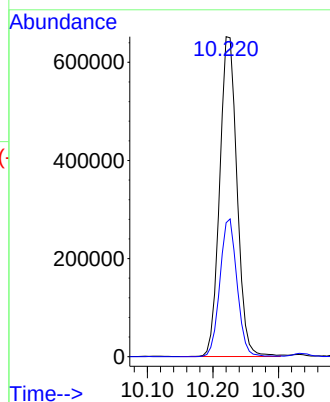
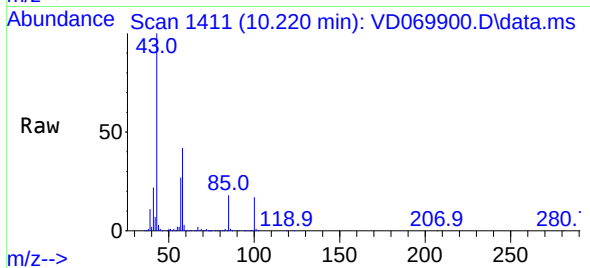
#51  
4-Methyl-2-Pentanone  
Concen: 295.888 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 1195548  
Ion Ratio Lower Upper  
43 100  
58 42.5 33.7 50.5

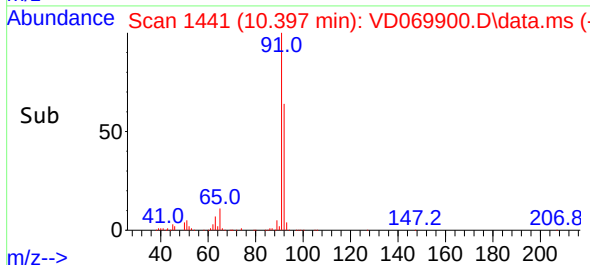
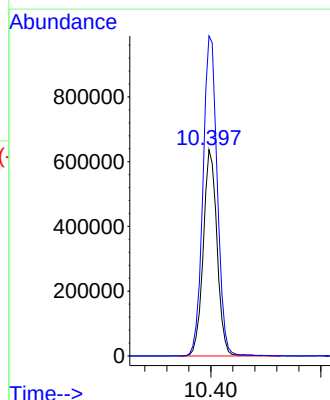
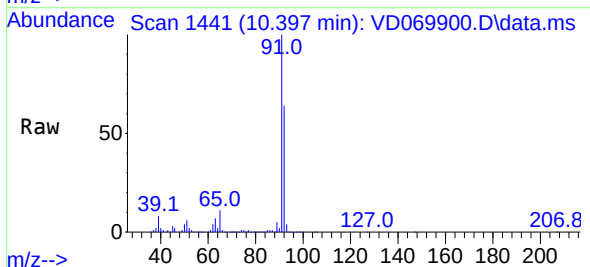
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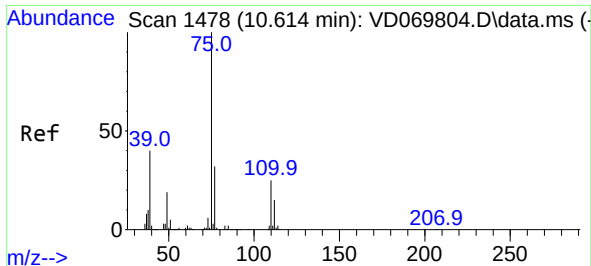
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#52  
Toluene  
Concen: 52.899 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 92 Resp: 1105572  
Ion Ratio Lower Upper  
92 100  
91 161.5 138.7 208.1





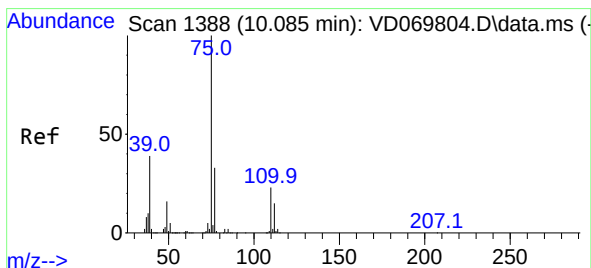
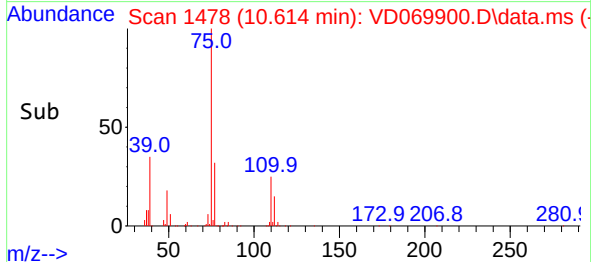
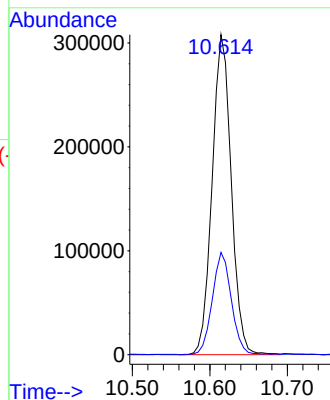
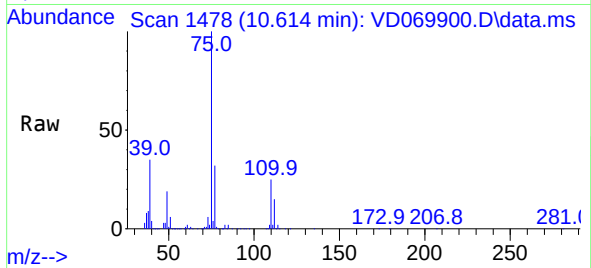
#53  
t-1,3-Dichloropropene  
Concen: 54.335 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 75 Resp: 527116  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.8 38.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

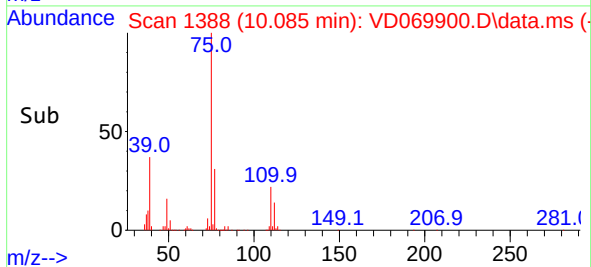
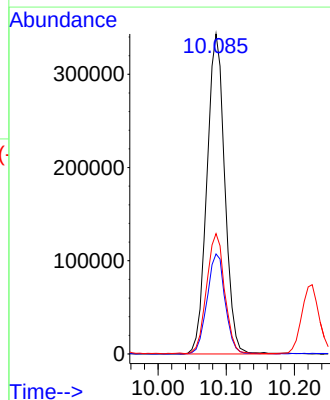
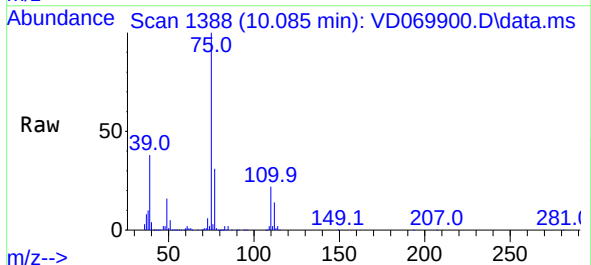
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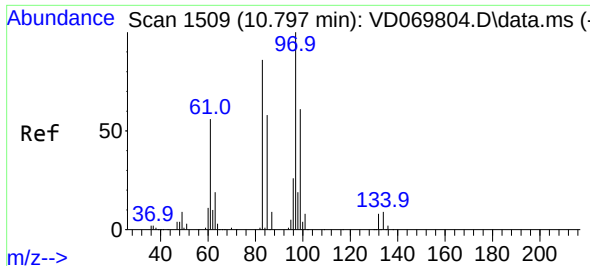
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#54  
cis-1,3-Dichloropropene  
Concen: 53.193 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

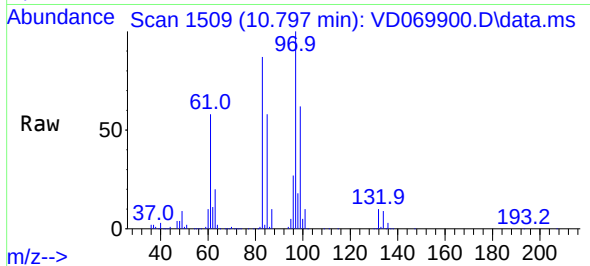
Tgt Ion: 75 Resp: 624745  
Ion Ratio Lower Upper  
75 100  
77 31.2 26.3 39.5  
39 37.4 31.0 46.6





#55  
1,1,2-Trichloroethane  
Concen: 48.802 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

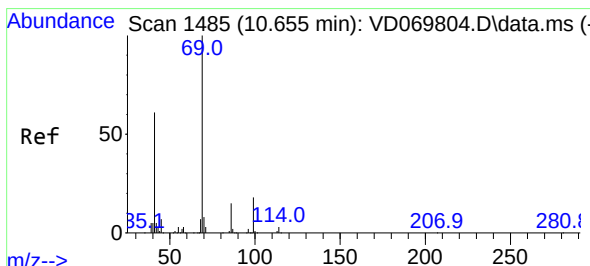
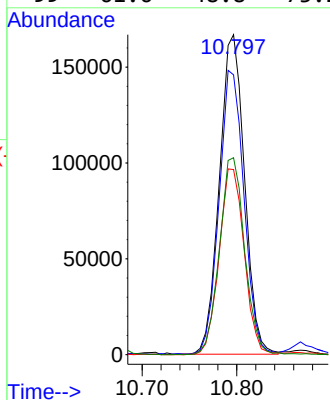
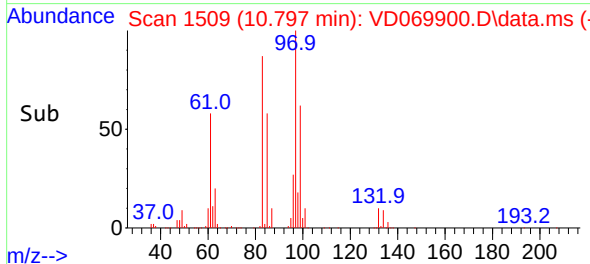


Tgt Ion: 97 Resp: 306632

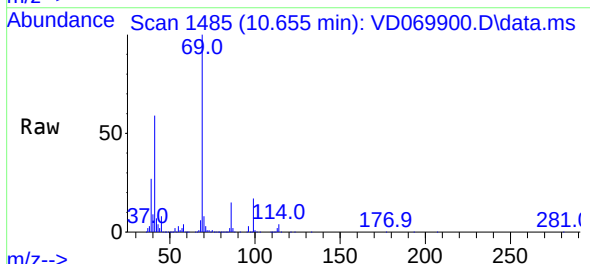
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.3  | 69.1  | 103.7 |
| 85  | 58.0  | 46.2  | 69.2  |
| 99  | 61.6  | 48.8  | 73.2  |

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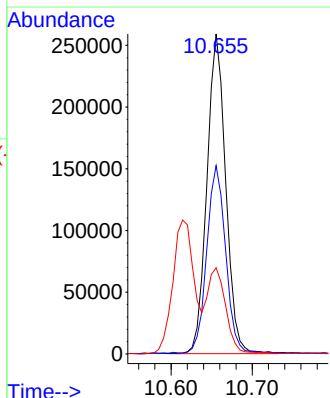
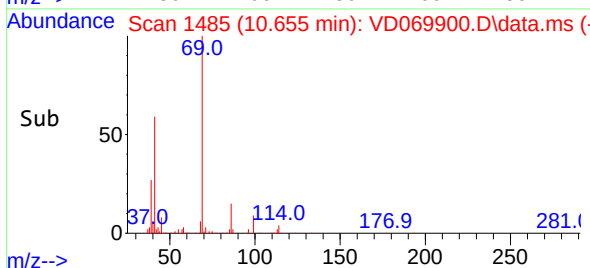


#56  
Ethyl methacrylate  
Concen: 53.281 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

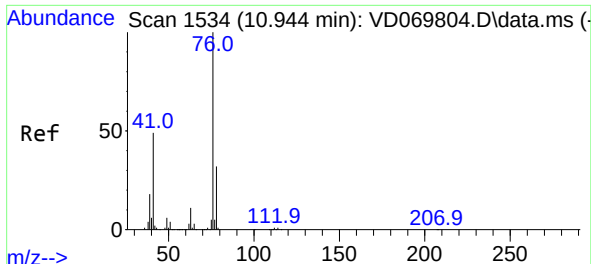


Tgt Ion: 69 Resp: 416063

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 59.5  | 50.2  | 75.2  |
| 39  | 26.5  | 22.0  | 33.0  |







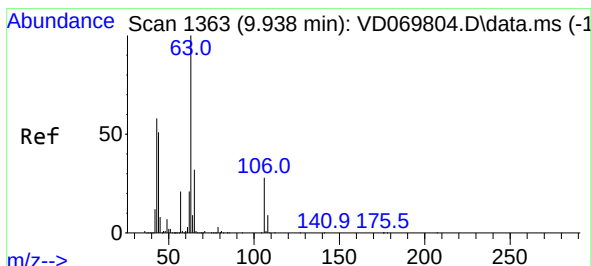
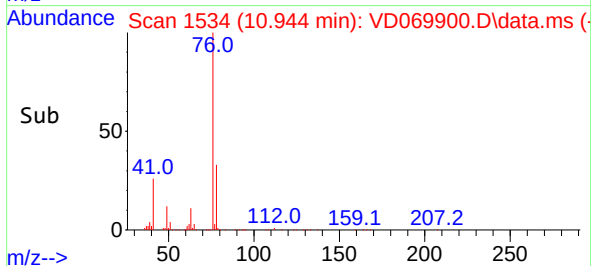
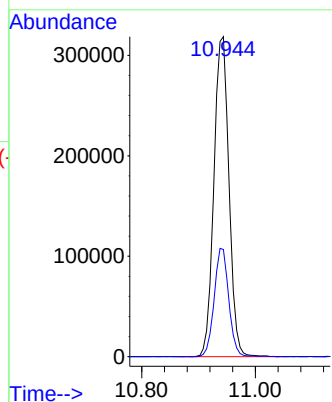
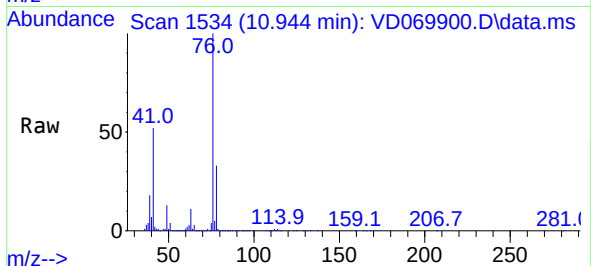
#57  
1,3-Dichloropropane  
Concen: 54.994 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 76 Resp: 584688  
Ion Ratio Lower Upper  
76 100  
78 32.9 26.2 39.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

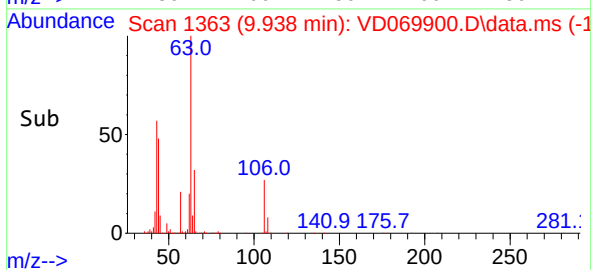
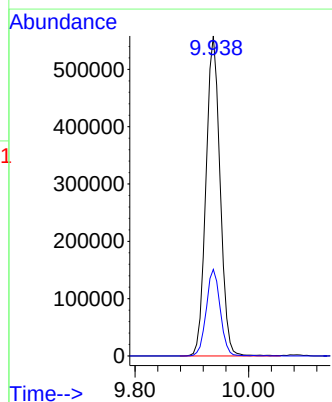
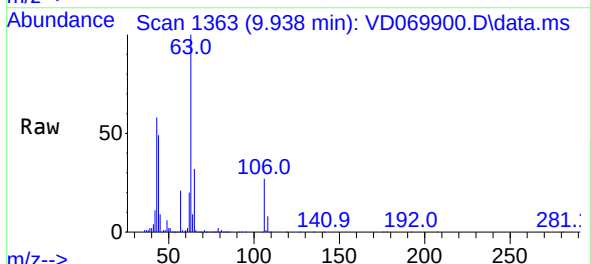
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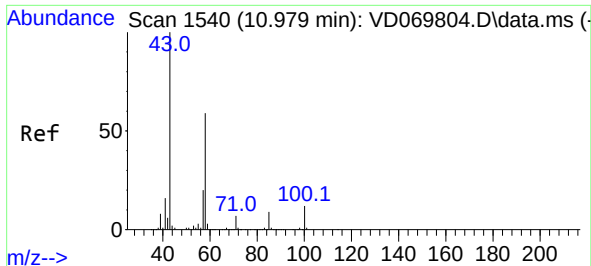
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#58  
2-Chloroethyl Vinyl ether  
Concen: 278.304 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 63 Resp: 959724  
Ion Ratio Lower Upper  
63 100  
106 26.7 21.8 32.6





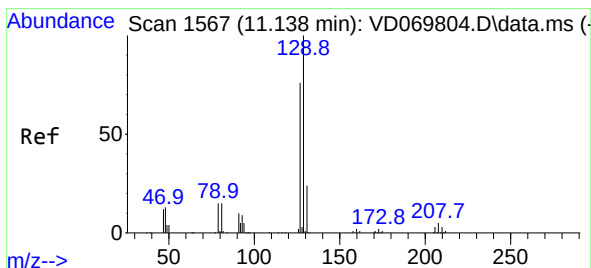
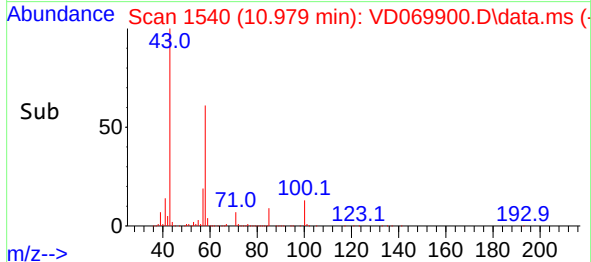
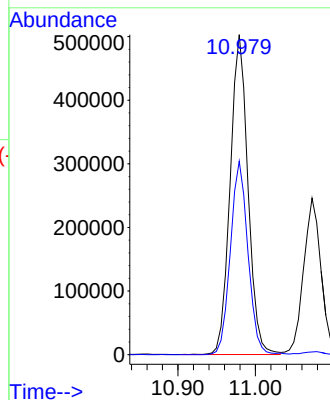
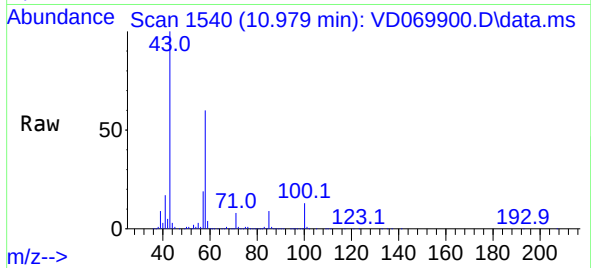
#59  
2-Hexanone  
Concen: 300.458 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 43 Resp: 803014  
Ion Ratio Lower Upper  
43 100  
58 59.8 29.4 88.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

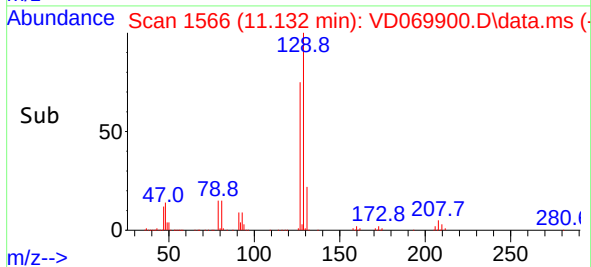
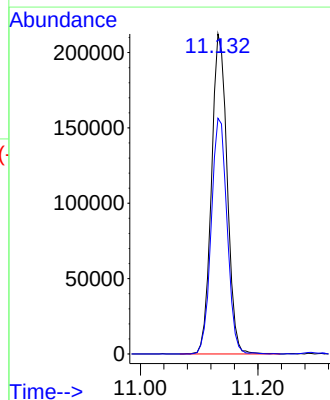
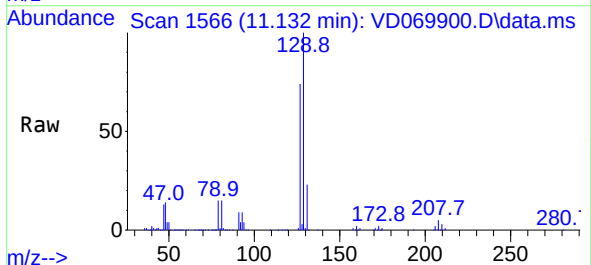
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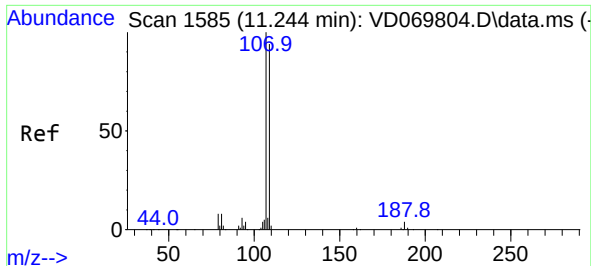
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#60  
Dibromochloromethane  
Concen: 55.115 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 129 Resp: 392186  
Ion Ratio Lower Upper  
129 100  
127 74.7 38.7 116.1





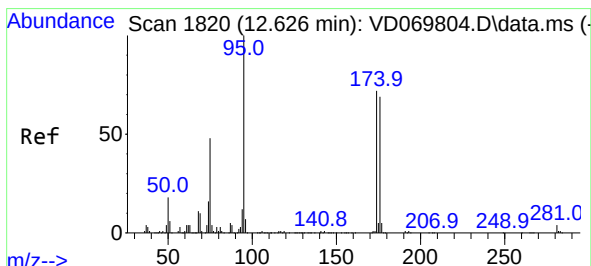
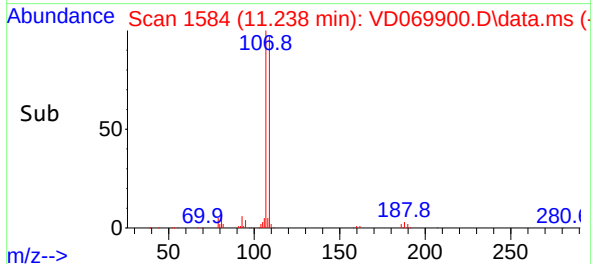
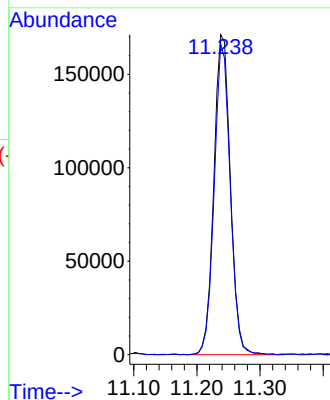
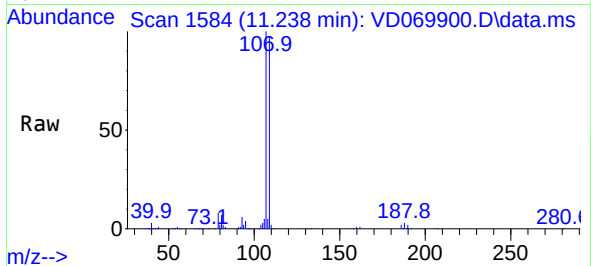
#61  
1,2-Dibromoethane  
Concen: 54.821 ug/l  
RT: 11.238 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion:107 Resp: 310122  
Ion Ratio Lower Upper  
107 100  
109 94.2 74.5 111.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

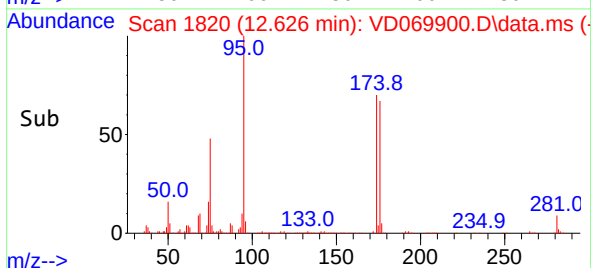
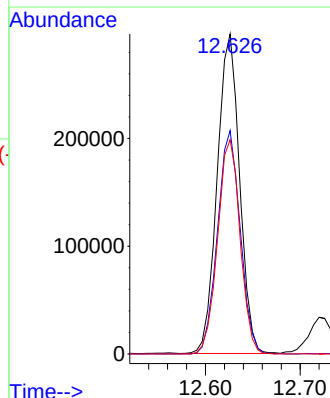
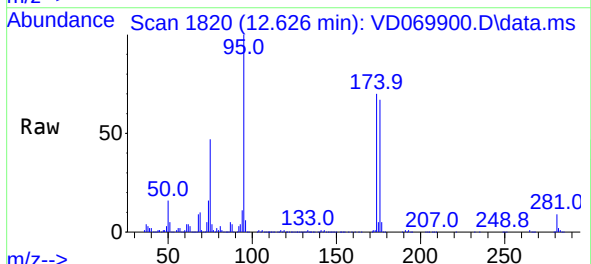
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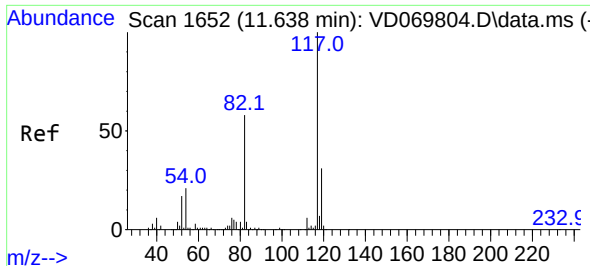
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#62  
4-Bromofluorobenzene  
Concen: 54.386 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

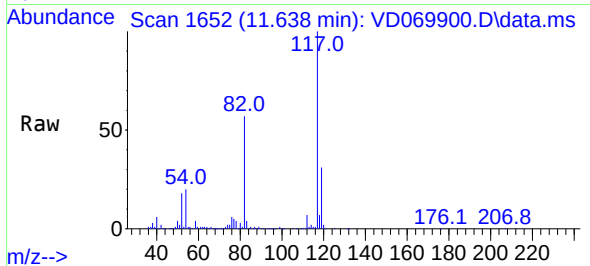
Tgt Ion: 95 Resp: 486878  
Ion Ratio Lower Upper  
95 100  
174 70.9 0.0 142.6  
176 67.0 0.0 134.2





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

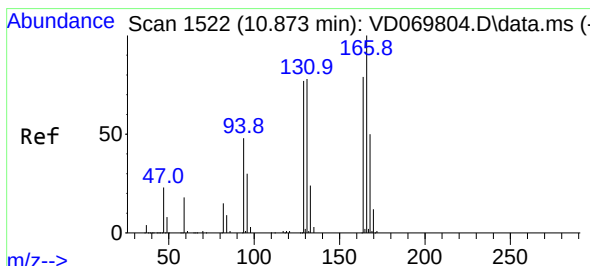
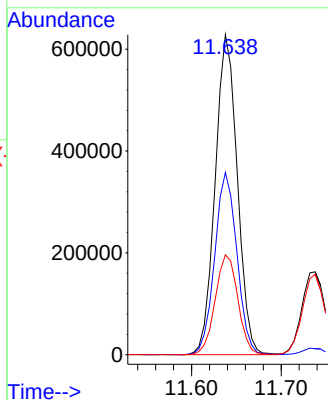
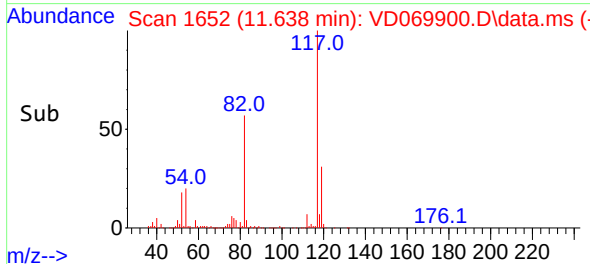
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



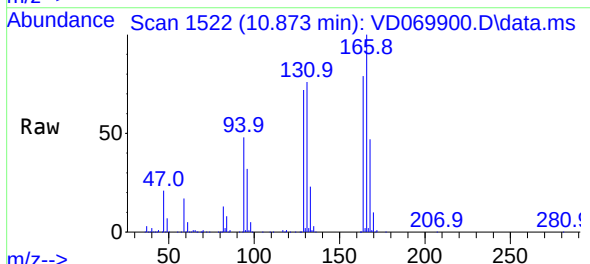
Tgt Ion:117 Resp: 1076197  
Ion Ratio Lower Upper  
117 100  
82 56.9 46.3 69.5  
119 31.2 24.7 37.1

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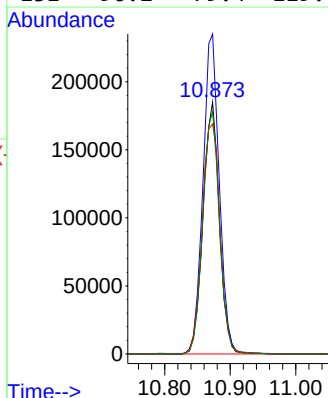
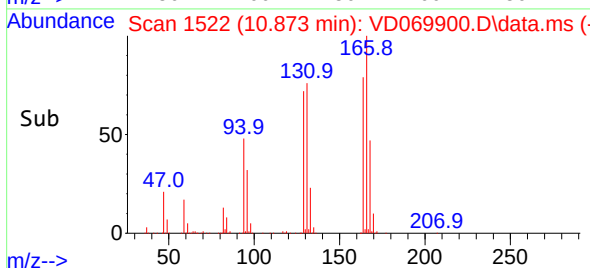
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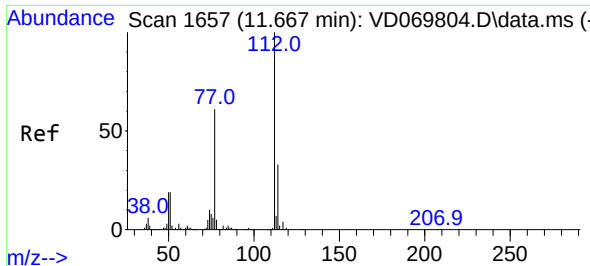


#64  
Tetrachloroethene  
Concen: 47.028 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



Tgt Ion:164 Resp: 322619  
Ion Ratio Lower Upper  
164 100  
166 127.2 101.8 152.8  
129 91.3 78.8 118.2  
131 96.2 79.4 119.0





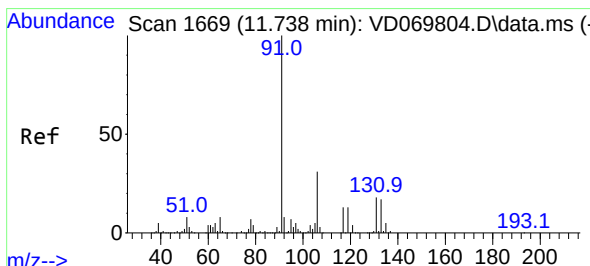
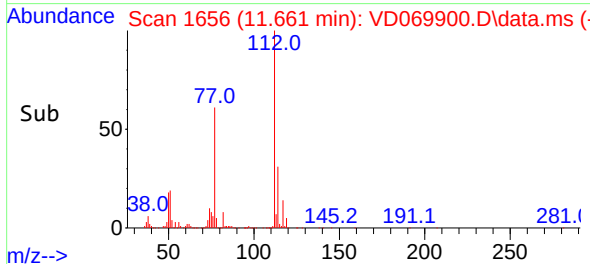
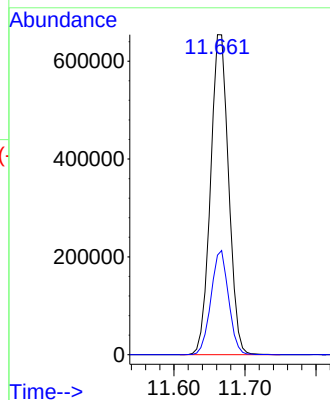
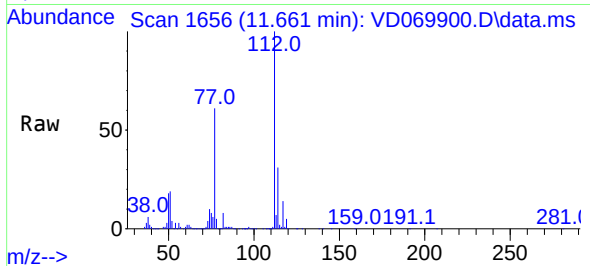
#65  
Chlorobenzene  
Concen: 51.813 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion:112 Resp: 1155262  
Ion Ratio Lower Upper  
112 100  
114 31.1 26.5 39.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

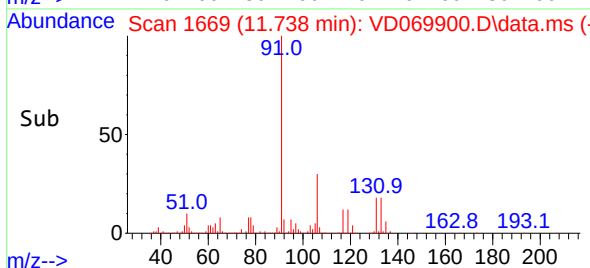
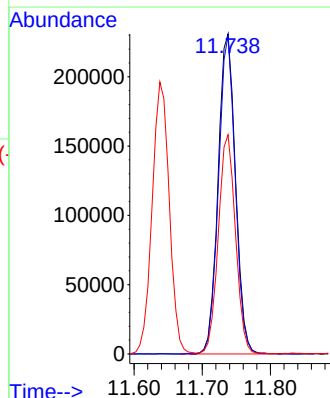
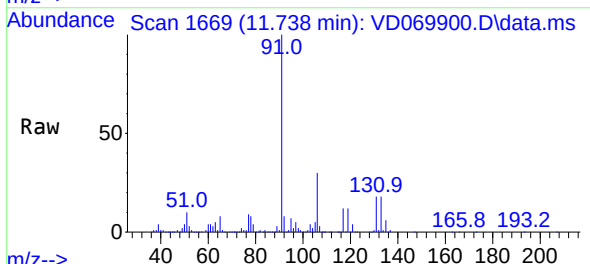
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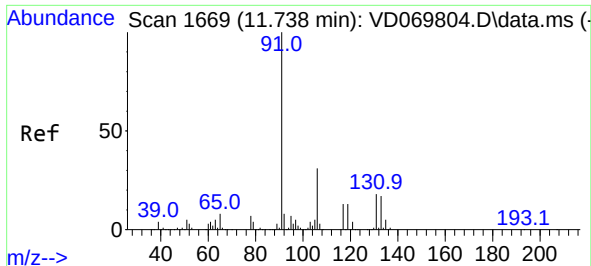
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.226 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

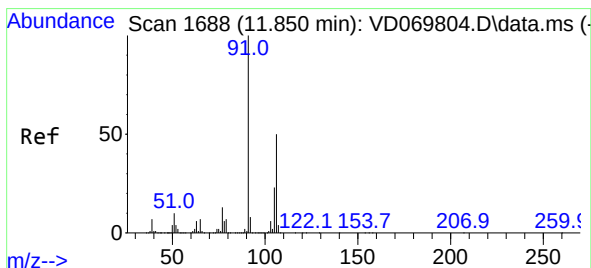
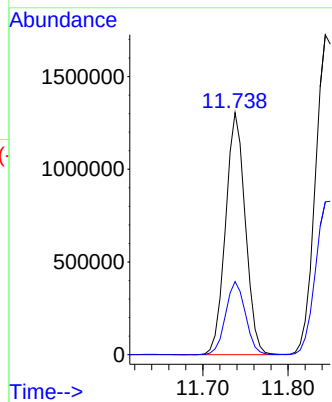
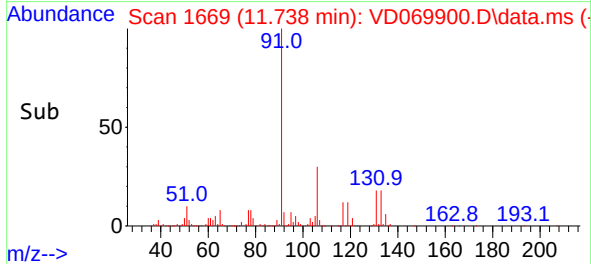
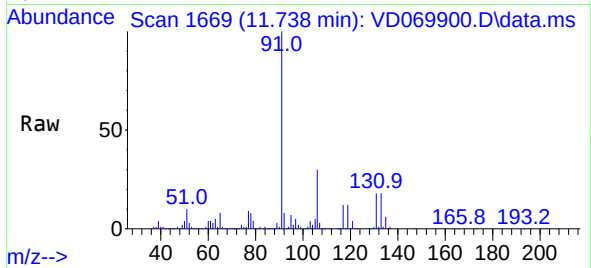
Tgt Ion:131 Resp: 410879  
Ion Ratio Lower Upper  
131 100  
133 95.6 46.4 139.1  
119 67.6 34.2 102.5





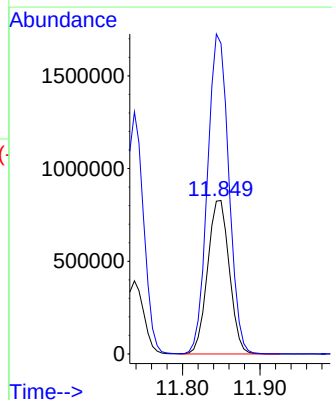
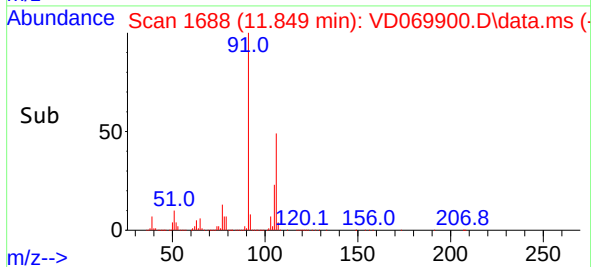
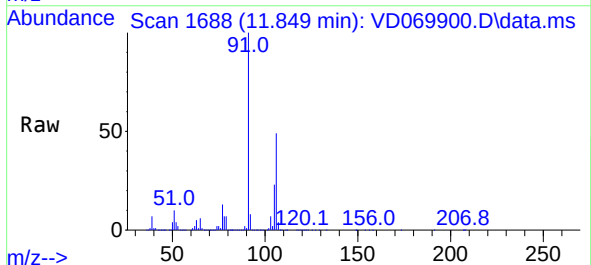
#67  
Ethyl Benzene  
Concen: 53.575 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 91 Resp: 2103052  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.9 37.3



#68  
m/p-Xylenes  
Concen: 105.788 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

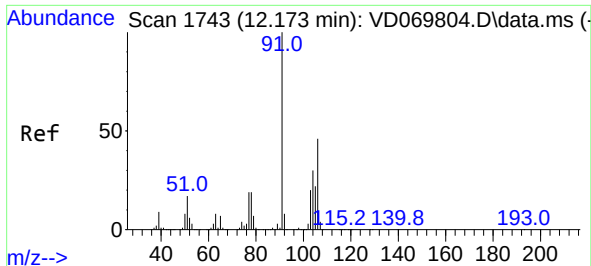
Tgt Ion: 106 Resp: 1609814  
Ion Ratio Lower Upper  
106 100  
91 204.5 162.4 243.6



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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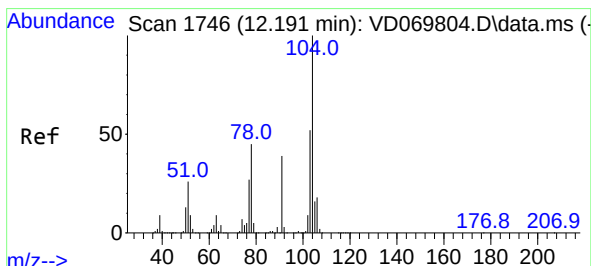
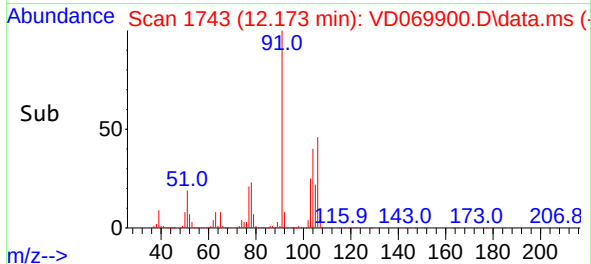
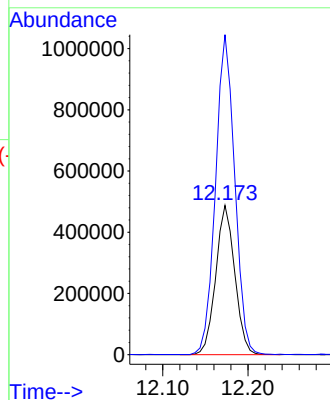
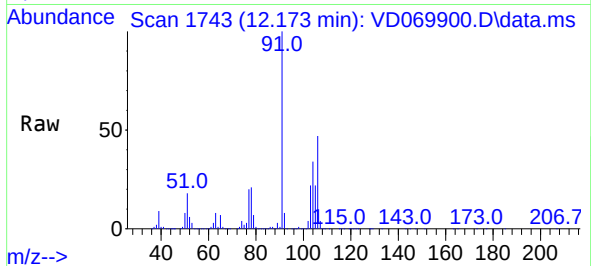
#69  
o-Xylene  
Concen: 54.618 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion:106 Resp: 755603  
Ion Ratio Lower Upper  
106 100  
91 216.4 107.6 322.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

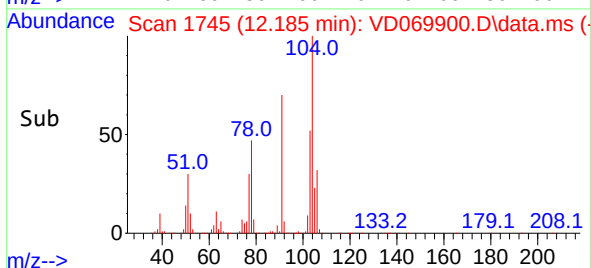
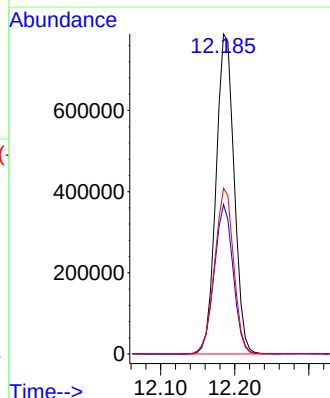
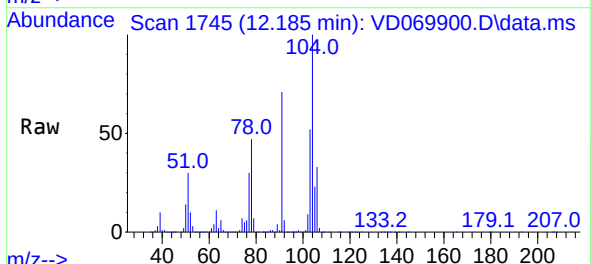
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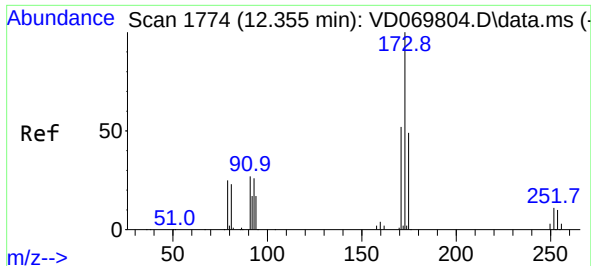
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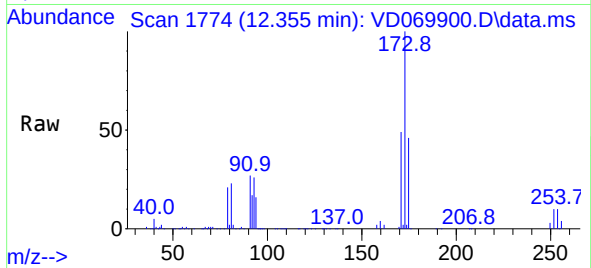
#70  
Styrene  
Concen: 55.788 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion:104 Resp: 1337510  
Ion Ratio Lower Upper  
104 100  
78 49.0 39.7 59.5  
103 54.4 44.0 66.0

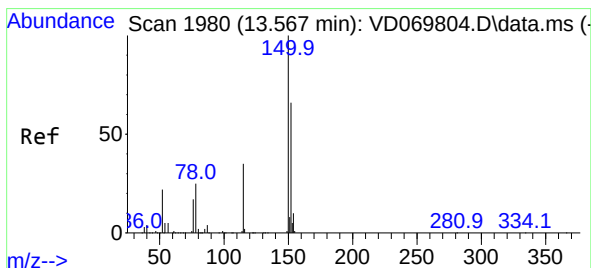
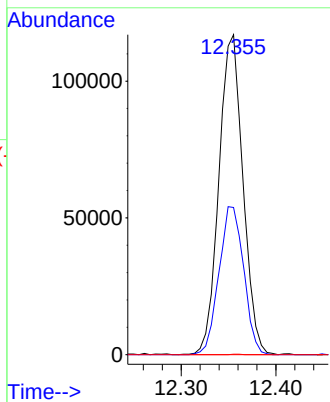
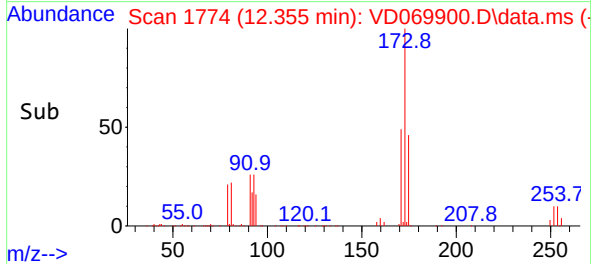




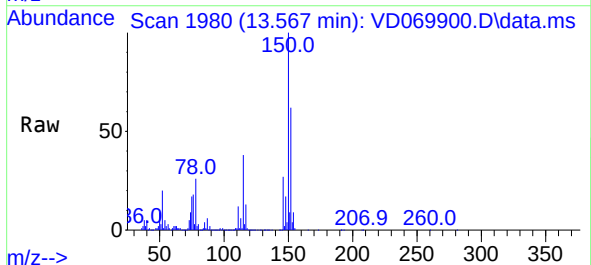
#71  
Bromoform  
Concen: 53.057 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



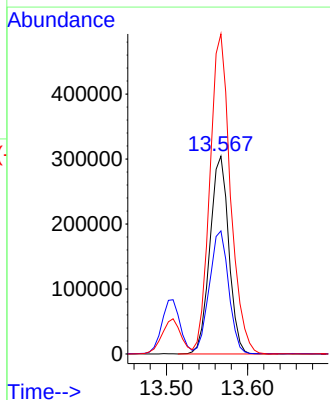
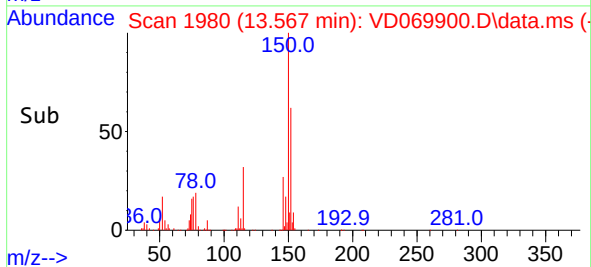
Tgt Ion:173 Resp: 206673  
Ion Ratio Lower Upper  
173 100  
175 47.5 24.1 72.3  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



Tgt Ion:152 Resp: 490683  
Ion Ratio Lower Upper  
152 100  
115 63.5 31.1 93.3  
150 176.7 0.0 343.0

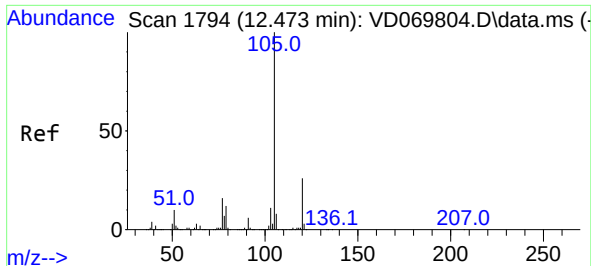


Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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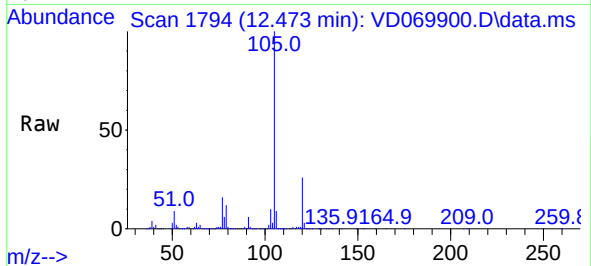
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#73  
Isopropylbenzene  
Concen: 55.361 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

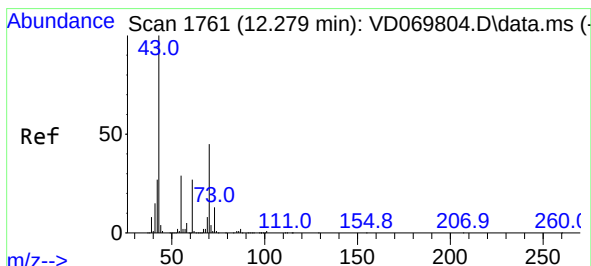
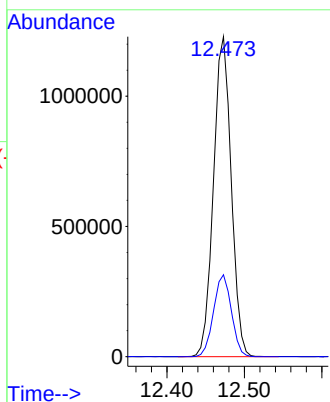
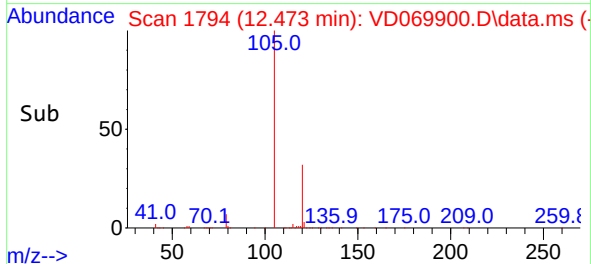
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



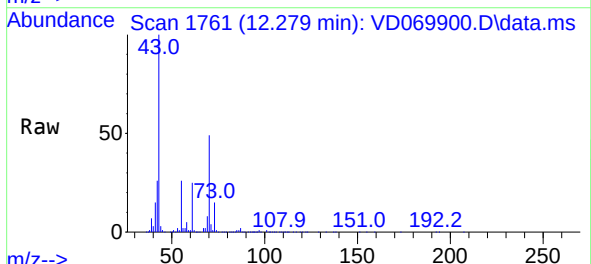
Tgt Ion:105 Resp: 1951820  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.0 38.9

Manual Integrations  
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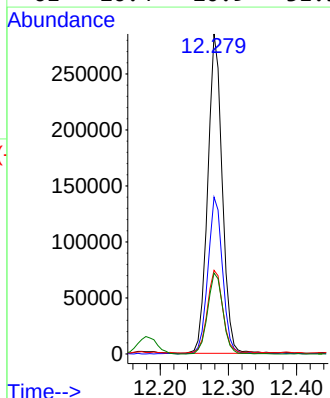
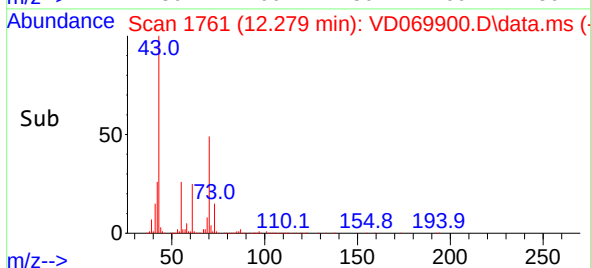
MMDadoda  
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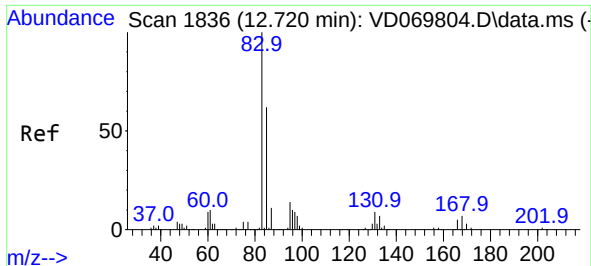


#74  
N-ethyl acetate  
Concen: 58.290 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



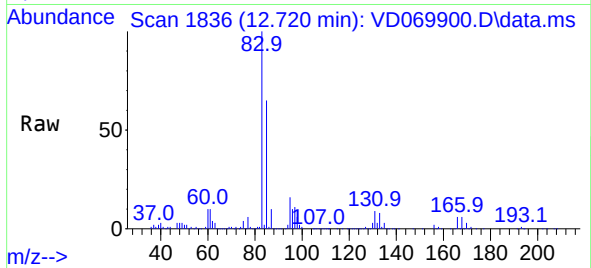
Tgt Ion: 43 Resp: 422710  
Ion Ratio Lower Upper  
43 100  
70 49.7 37.9 56.9  
55 27.4 23.7 35.5  
61 26.4 20.9 31.3





#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.938 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

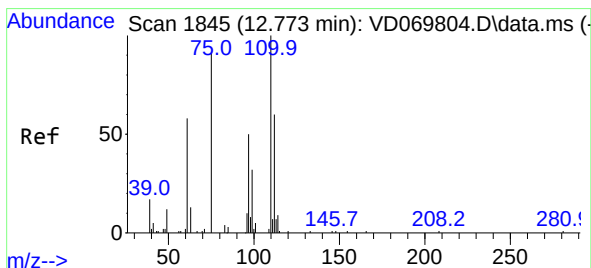
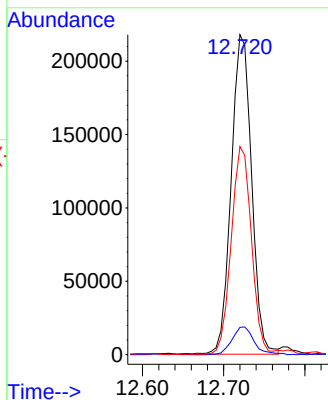
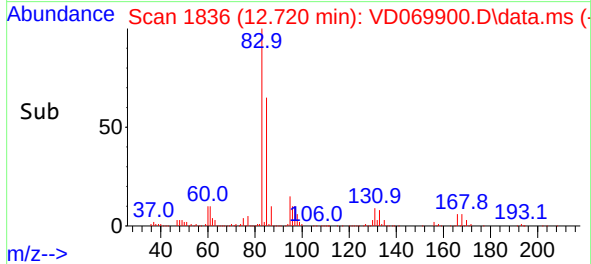
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



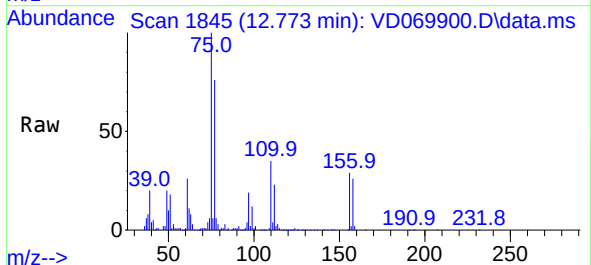
Tgt Ion: 83 Resp: 379772  
Ion Ratio Lower Upper  
83 100  
131 9.4 4.9 14.6  
85 64.6 31.8 95.4

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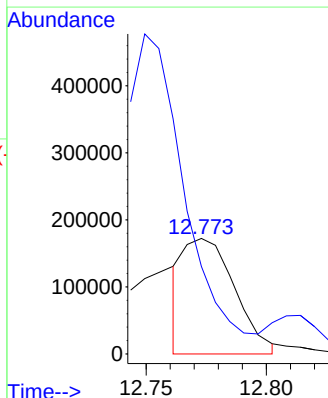
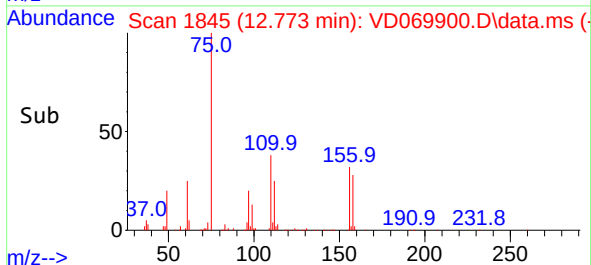
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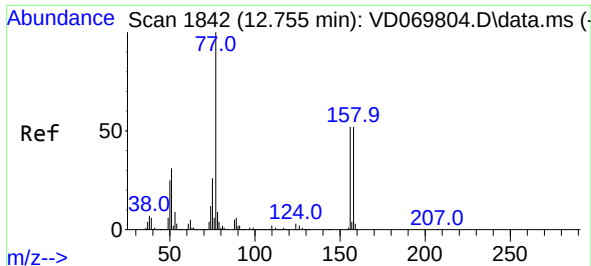


#76  
1,2,3-Trichloropropane  
Concen: 49.069 ug/l m  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



Tgt Ion: 75 Resp: 255923  
Ion Ratio Lower Upper  
75 100  
77 0.0 181.5 544.5#





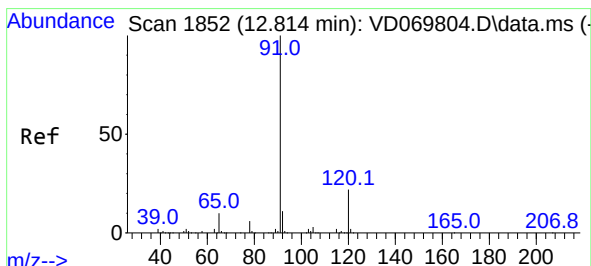
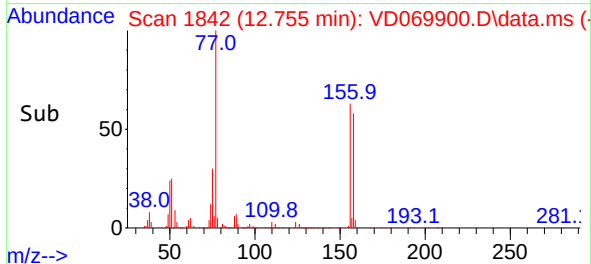
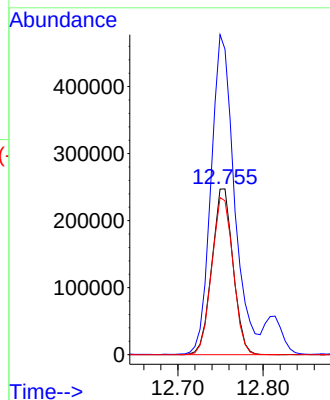
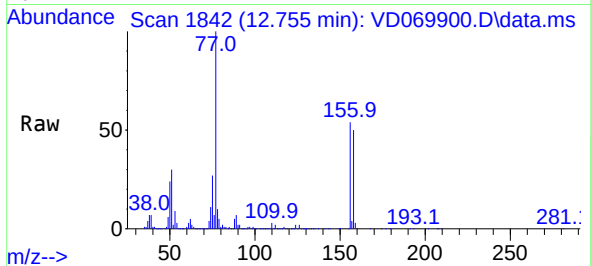
#77  
Bromobenzene  
Concen: 53.817 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion:156 Resp: 427341  
Ion Ratio Lower Upper  
156 100  
77 213.3 107.1 321.3  
158 95.6 48.1 144.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

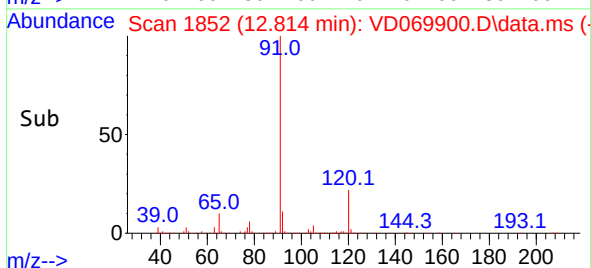
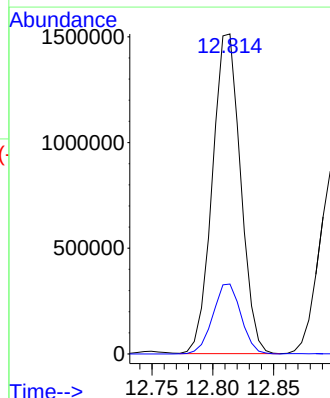
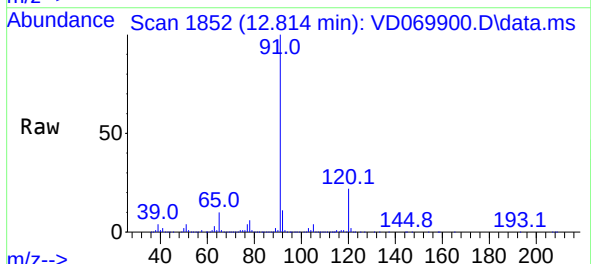
Manual Integrations  
APPROVED

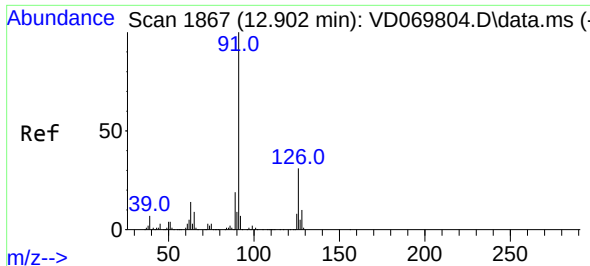
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#78  
n-propylbenzene  
Concen: 53.819 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 91 Resp: 2437033  
Ion Ratio Lower Upper  
91 100  
120 21.9 10.9 32.7





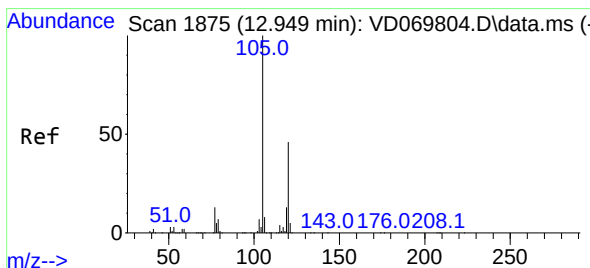
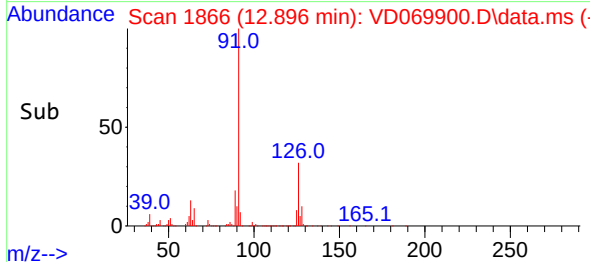
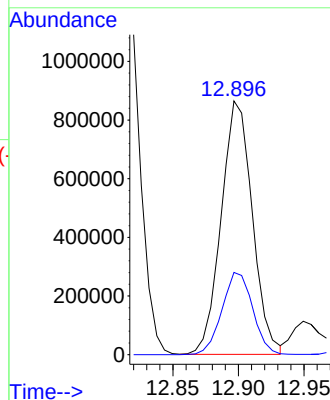
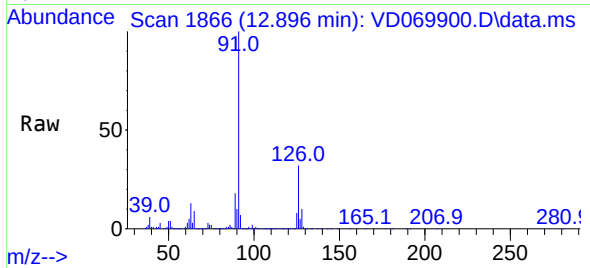
#79  
2-Chlorotoluene  
Concen: 54.339 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 91 Resp: 1429256  
Ion Ratio Lower Upper  
91 100  
126 32.0 15.9 47.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

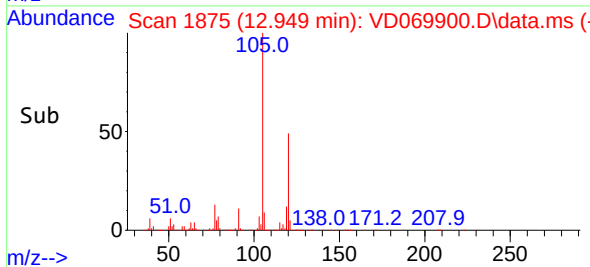
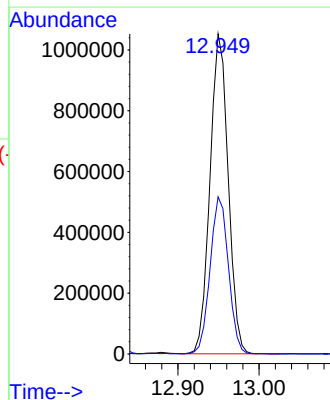
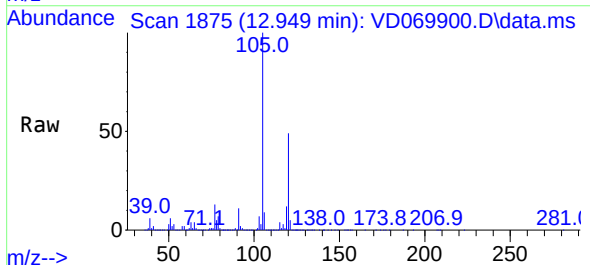
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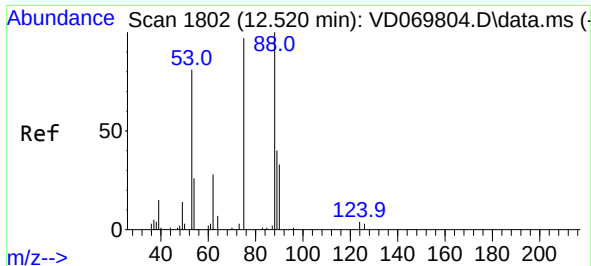
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#80  
1,3,5-Trimethylbenzene  
Concen: 54.263 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 105 Resp: 1636536  
Ion Ratio Lower Upper  
105 100  
120 49.5 23.8 71.2





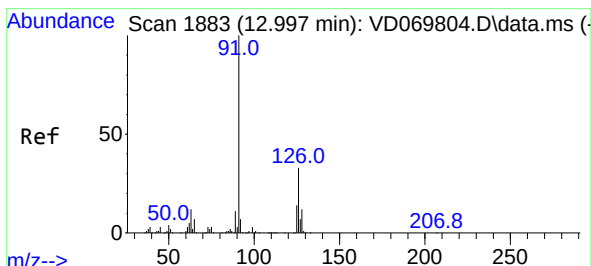
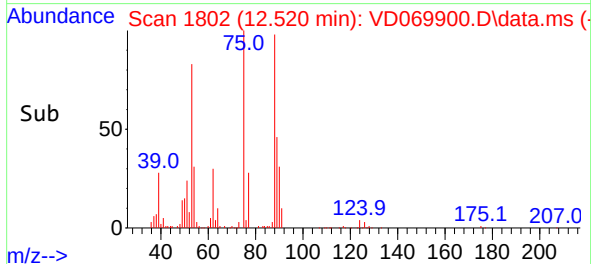
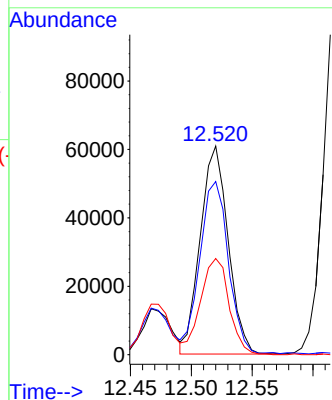
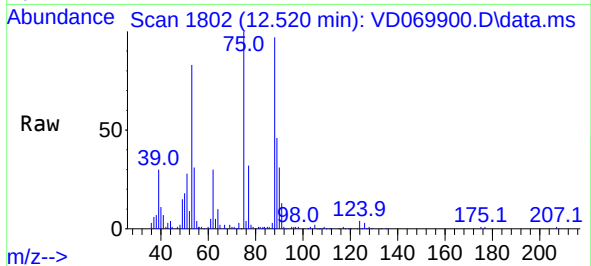
#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.319 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 75 Resp: 96823  
Ion Ratio Lower Upper  
75 100  
53 84.3 67.2 100.8  
89 47.5 35.8 53.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

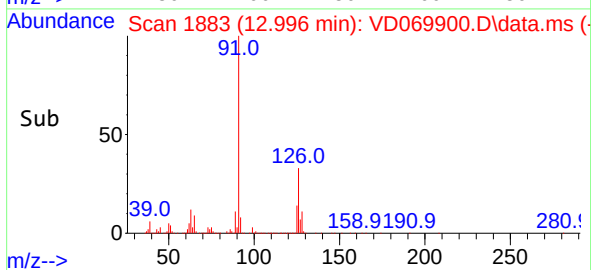
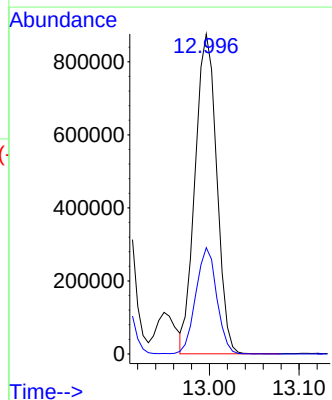
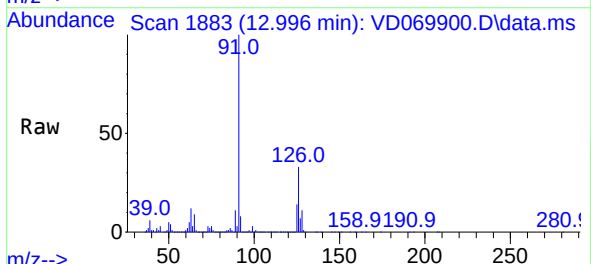
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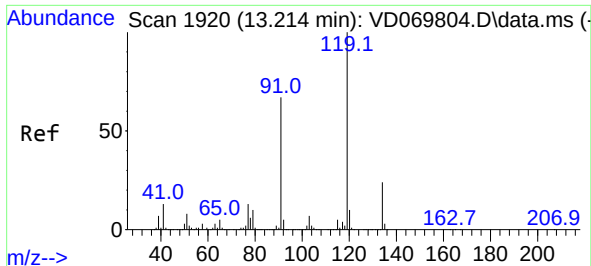
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#82  
4-Chlorotoluene  
Concen: 53.186 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

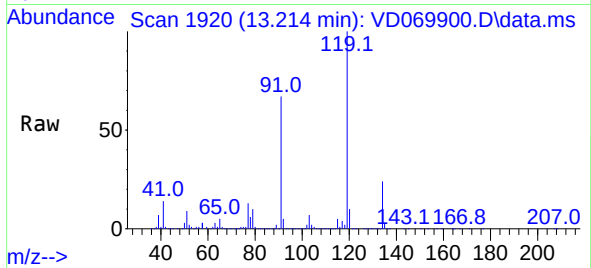
Tgt Ion: 91 Resp: 1462504  
Ion Ratio Lower Upper  
91 100  
126 32.3 15.9 47.6





#83  
tert-Butylbenzene  
Concen: 55.656 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

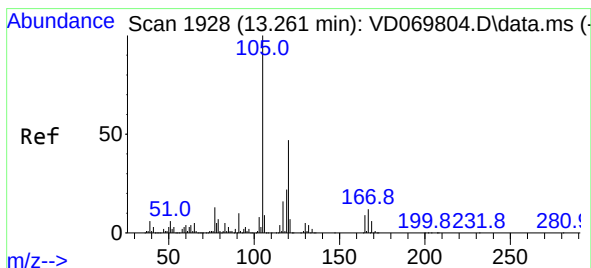
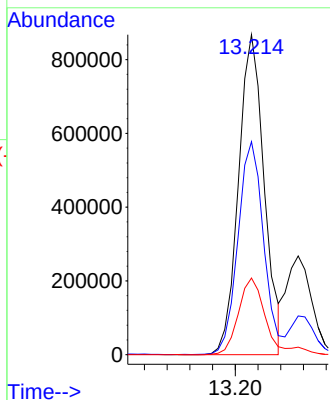
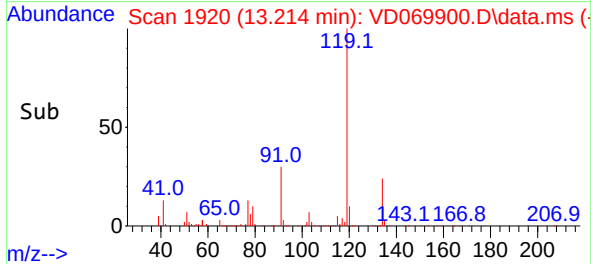
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



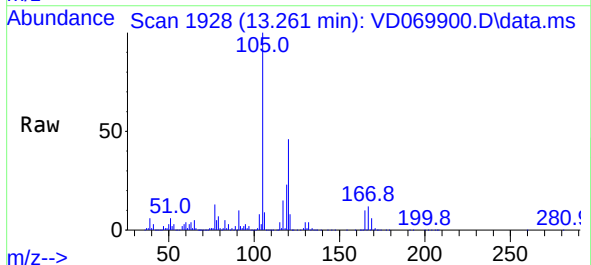
Tgt Ion:119 Resp: 1364717  
Ion Ratio Lower Upper  
119 100  
91 67.0 33.7 101.1  
134 25.8 13.3 39.8

Manual Integrations  
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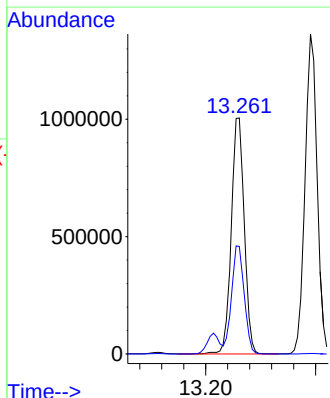
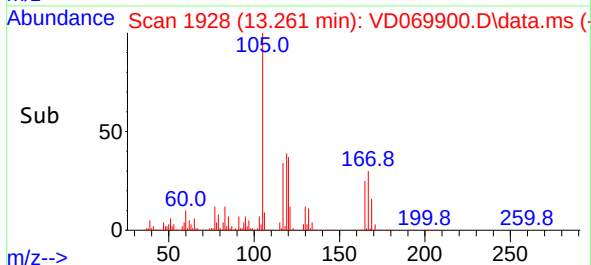
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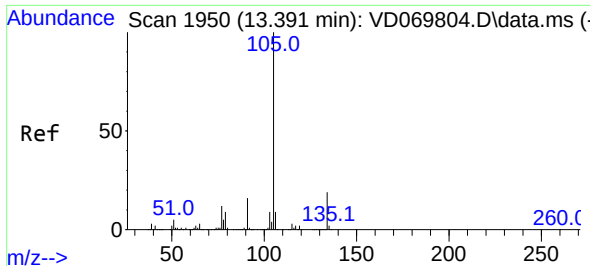


#84  
1,2,4-Trimethylbenzene  
Concen: 55.463 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



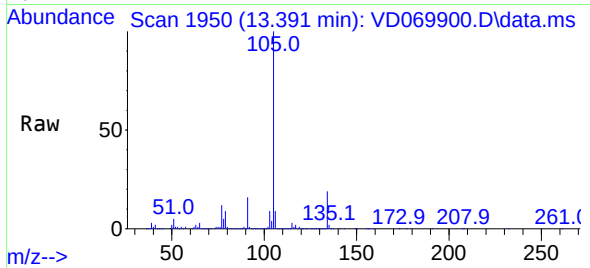
Tgt Ion:105 Resp: 1650211  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.6 67.8





#85  
sec-Butylbenzene  
Concen: 53.639 ug/l  
RT: 13.391 min Scan# 1950  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

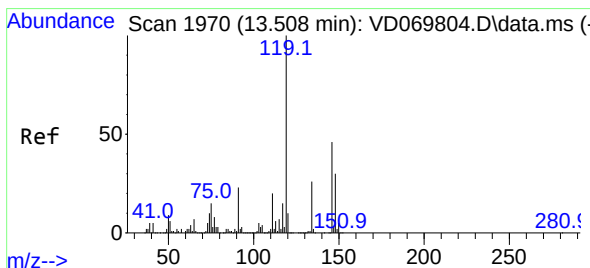
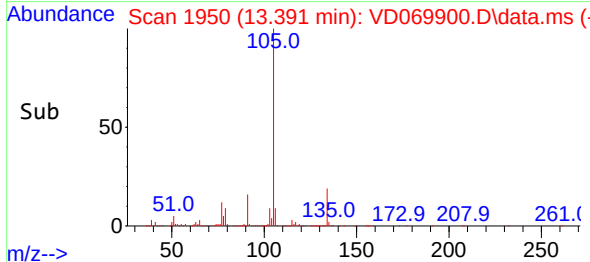
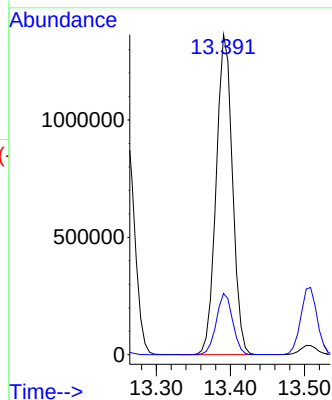
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



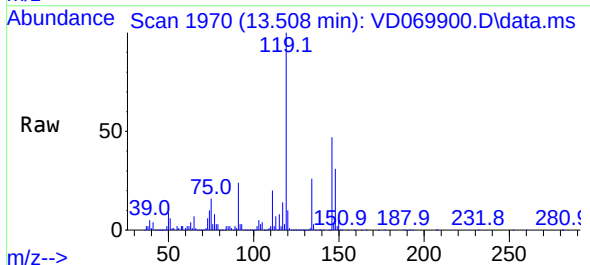
Tgt Ion:105 Resp: 2079288  
Ion Ratio Lower Upper  
105 100  
134 19.2 9.6 28.6

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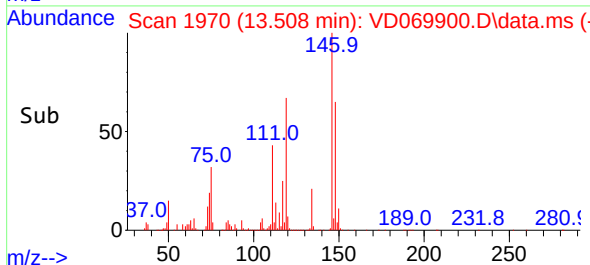
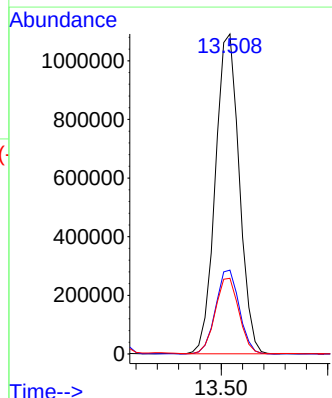
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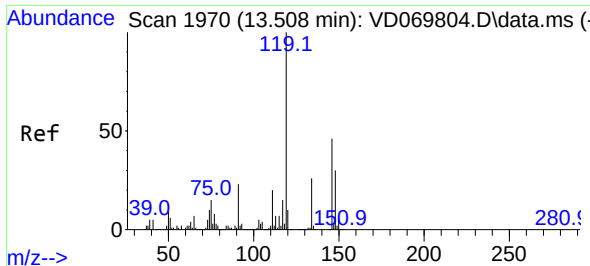


#86  
p-Isopropyltoluene  
Concen: 53.897 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



Tgt Ion:119 Resp: 1697369  
Ion Ratio Lower Upper  
119 100  
134 25.9 12.6 37.8  
91 23.4 11.7 35.1





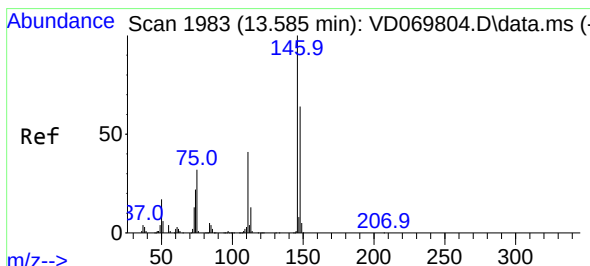
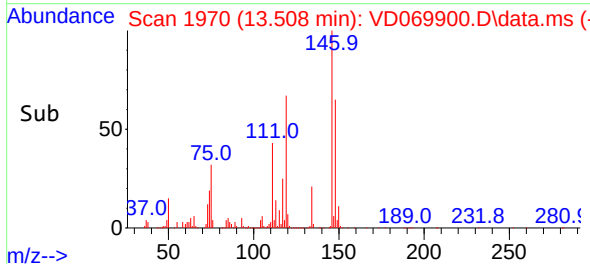
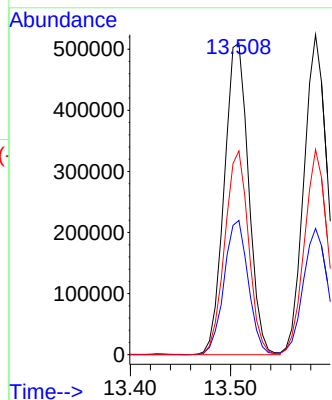
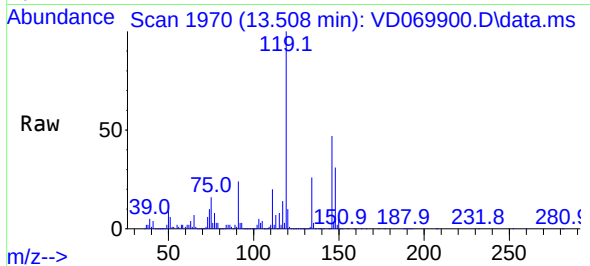
#87  
1,3-Dichlorobenzene  
Concen: 51.517 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion:146 Resp: 858851  
Ion Ratio Lower Upper  
146 100  
111 42.7 21.7 65.1  
148 63.9 32.1 96.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

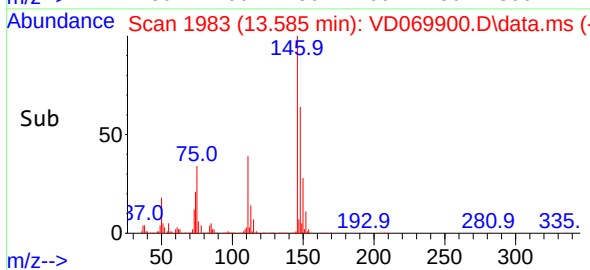
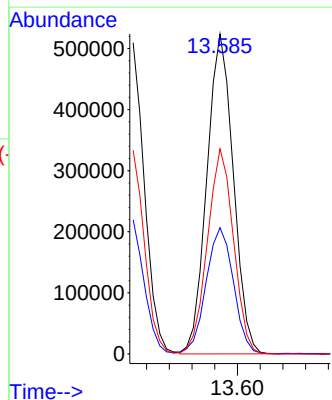
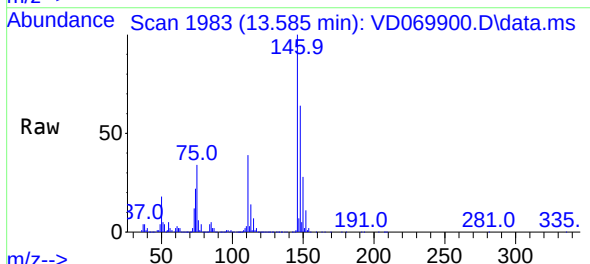
Manual Integrations  
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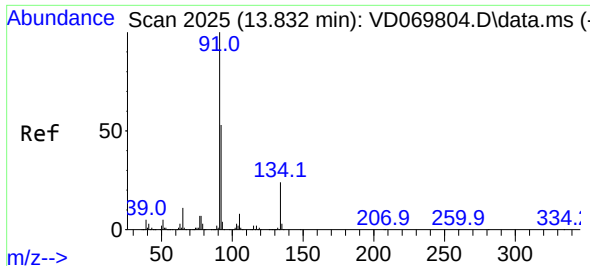


#88  
1,4-Dichlorobenzene  
Concen: 50.968 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion:146 Resp: 846913  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.8 62.4  
148 63.4 31.6 95.0

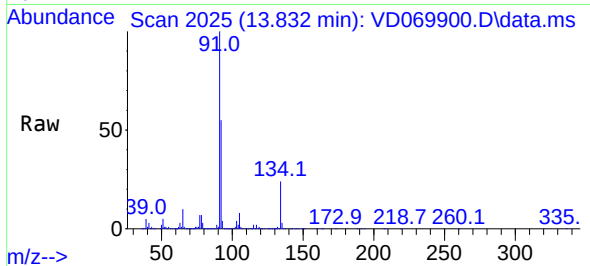






#89  
n-Butylbenzene  
Concen: 52.888 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

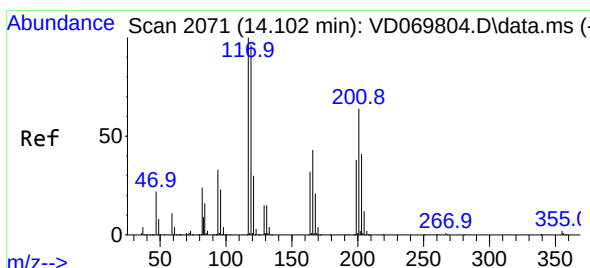
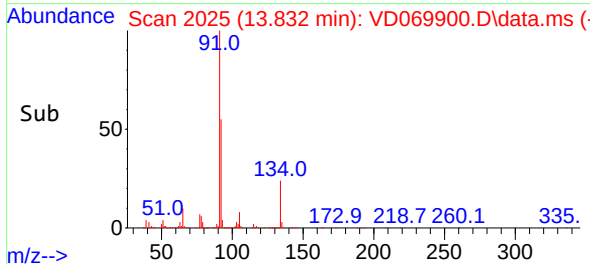
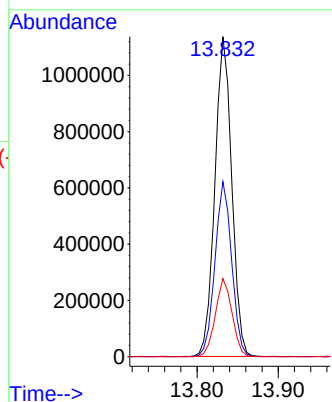


Tgt Ion: 91 Resp: 1643773

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.2  | 26.6  | 79.7  |
| 134 | 24.1  | 11.9  | 35.7  |

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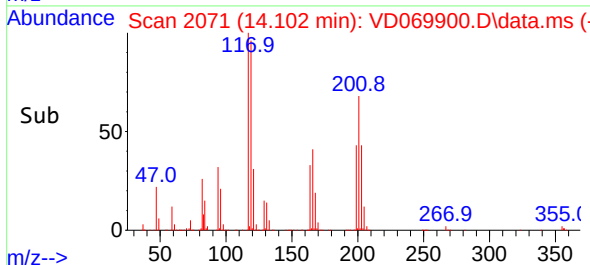
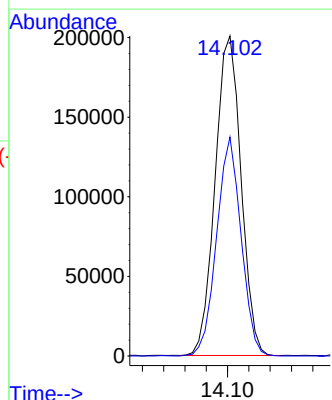
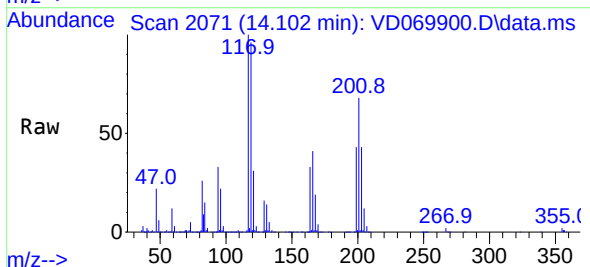
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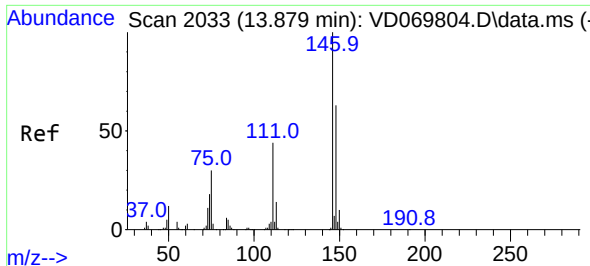


#90  
Hexachloroethane  
Concen: 50.907 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion: 117 Resp: 339606

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 64.5  | 31.9  | 95.5  |





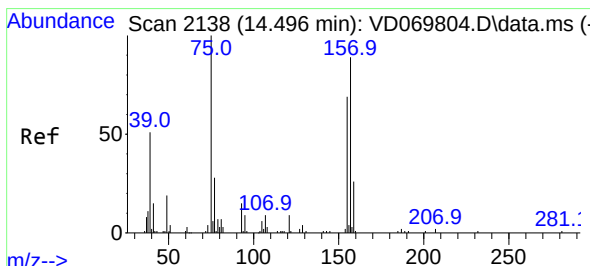
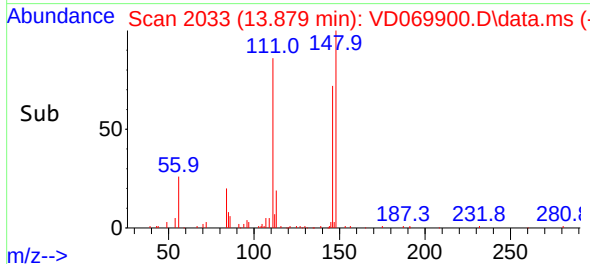
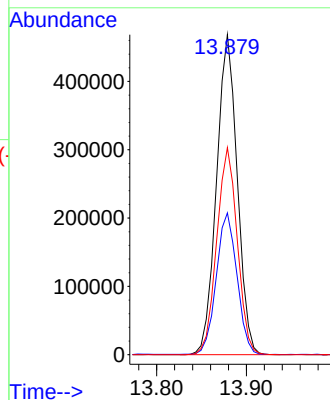
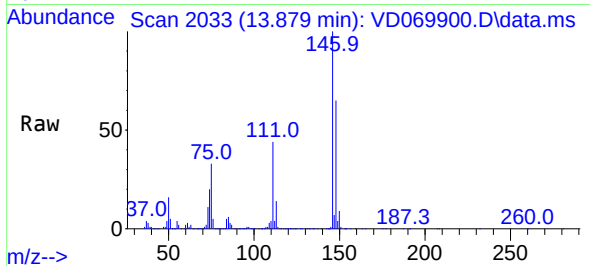
#91  
1,2-Dichlorobenzene  
Concen: 52.161 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

Tgt Ion:146 Resp: 750544  
Ion Ratio Lower Upper  
146 100  
111 44.3 21.7 65.1  
148 64.2 31.2 93.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

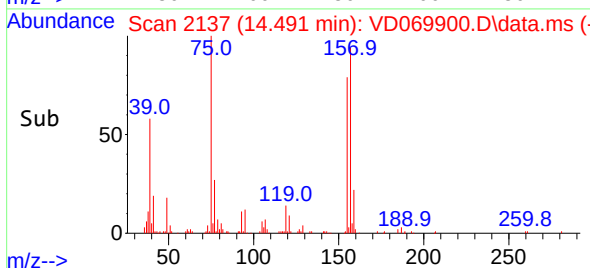
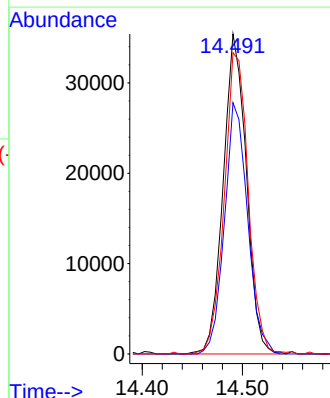
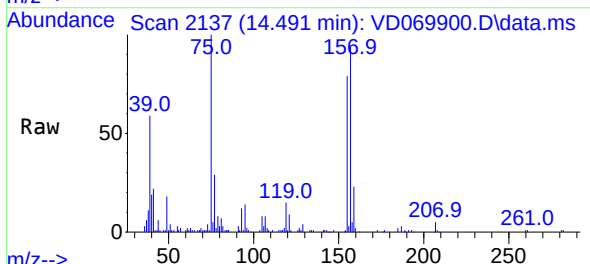
Manual Integrations  
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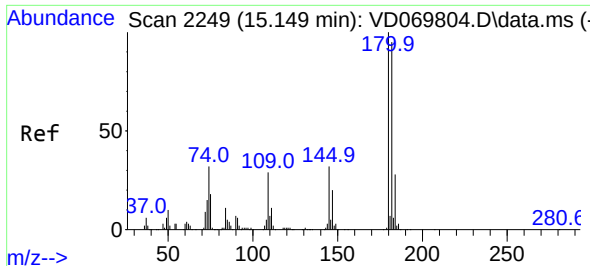
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 55.847 ug/l  
RT: 14.491 min Scan# 2137  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

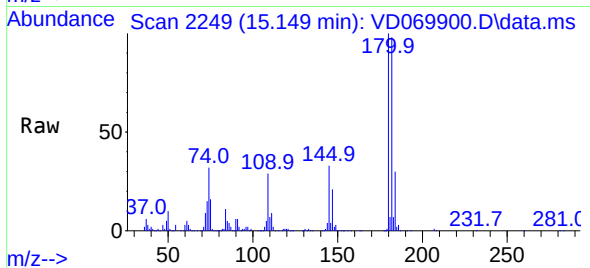
Tgt Ion: 75 Resp: 56621  
Ion Ratio Lower Upper  
75 100  
155 78.9 36.3 108.9  
157 98.0 47.0 141.0





#93  
1,2,4-Trichlorobenzene  
Concen: 54.734 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

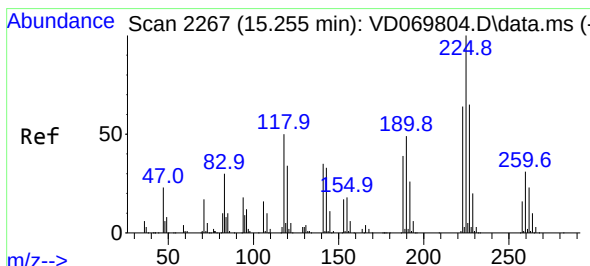
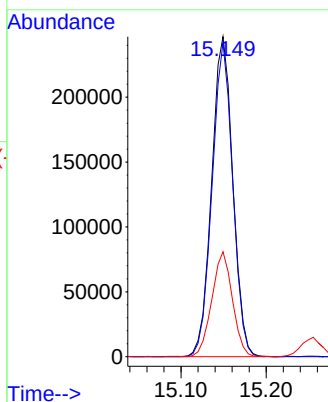
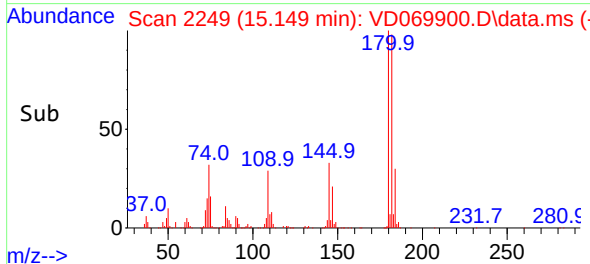
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



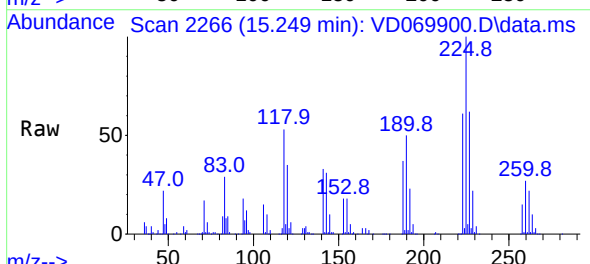
Tgt Ion:180 Resp: 424918  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.6 142.9  
145 31.9 16.4 49.2

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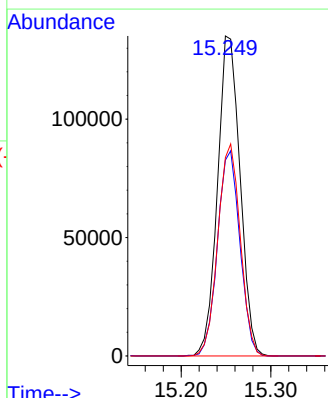
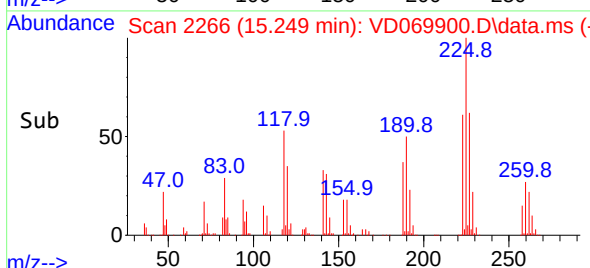
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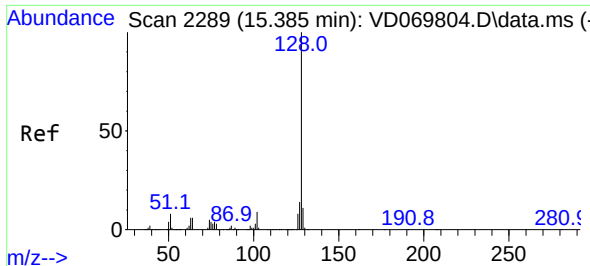


#94  
Hexachlorobutadiene  
Concen: 49.642 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.006 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41



Tgt Ion:225 Resp: 235747  
Ion Ratio Lower Upper  
225 100  
223 63.6 31.5 94.5  
227 65.9 31.9 95.7





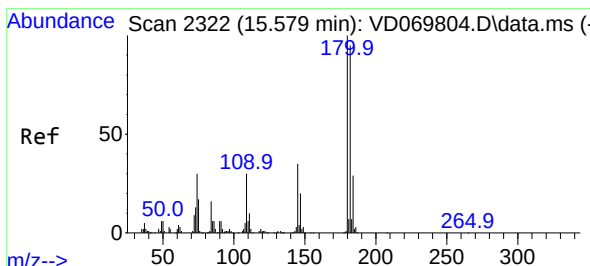
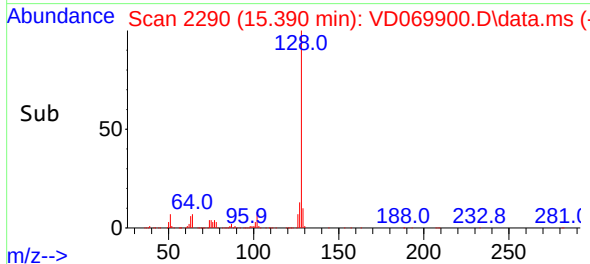
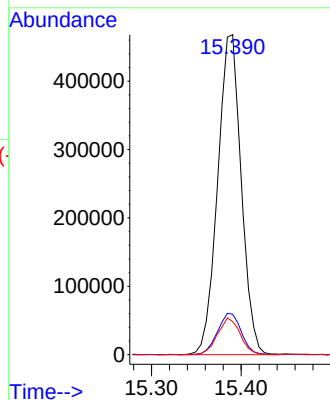
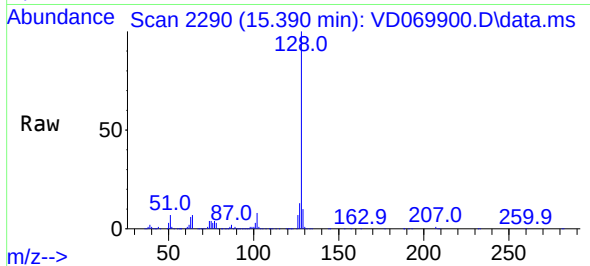
#95  
Naphthalene  
Concen: 52.929 ug/l  
RT: 15.390 min Scan# 2290  
Delta R.T. 0.005 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 854110 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.0  | 10.6  | 16.0   |
| 129      | 11.0  | 8.6   | 12.8   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 57.224 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VD069900.D  
Acq: 28 Jul 2021 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 384186 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 94.3  | 47.3  | 142.0  |
| 145      | 34.6  | 17.3  | 51.9   |

