

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060121\  
 Data File : VD069285.D  
 Acq On : 01 Jun 2021 16:04  
 Operator : VA/SY  
 Sample : VD0601SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0601SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/2/2021 6:47:03 PM

Quant Time: Jun 02 02:34:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060121S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 02 02:17:36 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|--------|--------|----------|
| -----                        |                |      |            |        |        |          |
| Internal Standards           |                |      |            |        |        |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 441168     | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.867          | 114  | 729214     | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.644         | 117  | 683815     | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567         | 152  | 331709     | 50.00  | ug/l   | 0.00     |
|                              |                |      |            |        |        |          |
| System Monitoring Compounds  |                |      |            |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 191102     | 45.14  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 90.28% |        |          |
| 35) Dibromofluoromethane     | 7.914          | 113  | 204918     | 44.75  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 89.50% |        |          |
| 50) Toluene-d8               | 10.338         | 98   | 757560     | 45.49  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 90.98% |        |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 257358     | 47.17  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 94.34% |        |          |
|                              |                |      |            |        |        |          |
| Target Compounds             |                |      |            |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985          | 85   | 89438      | 19.26  | ug/l   | 98       |
| 3) Chloromethane             | 2.209          | 50   | 67967      | 19.39  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.350          | 62   | 65524      | 18.35  | ug/l   | 96       |
| 5) Bromomethane              | 2.750          | 94   | 53117      | 20.39  | ug/l   | 97       |
| 6) Chloroethane              | 2.915          | 64   | 37913      | 18.60  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.267          | 101  | 161149     | 19.40  | ug/l   | 96       |
| 8) Diethyl Ether             | 3.703          | 74   | 43210      | 21.17  | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 97503      | 19.93  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.297          | 142  | 77672      | 17.28  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.203          | 59   | 37264      | 131.15 | ug/l # | 73       |
| 12) 1,1-Dichloroethene       | 4.067          | 96   | 86923      | 19.64  | ug/l   | 98       |
| 13) Acrolein                 | 3.920          | 56   | 23652      | 95.10  | ug/l   | 98       |
| 14) Allyl chloride           | 4.720          | 41   | 102115     | 19.13  | ug/l   | 99       |
| 15) Acrylonitrile            | 5.420          | 53   | 79316      | 99.69  | ug/l   | 98       |
| 16) Acetone                  | 4.162          | 43   | 73944      | 100.10 | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.409          | 76   | 277509     | 18.97  | ug/l   | 99       |
| 18) Methyl Acetate           | 4.726          | 43   | 39744      | 19.88  | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.473          | 73   | 163795     | 20.16  | ug/l   | 94       |
| 20) Methylene Chloride       | 4.967          | 84   | 147933     | 23.83  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.467          | 96   | 100565     | 19.19  | ug/l   | 92       |
| 22) Diisopropyl ether        | 6.367          | 45   | 213511     | 20.82  | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.303          | 43   | 586878     | 97.03  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.267          | 63   | 171333     | 19.97  | ug/l   | 97       |
| 25) 2-Butanone               | 7.214          | 43   | 96863      | 99.65  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.208          | 77   | 153036     | 19.36  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.214          | 96   | 111928     | 20.16  | ug/l   | 98       |
| 28) Bromochloromethane       | 7.544          | 49   | 60031      | 20.18  | ug/l   | 96       |
| 29) Tetrahydrofuran          | 7.567          | 42   | 57823      | 103.50 | ug/l   | 98       |
| 30) Chloroform               | 7.708          | 83   | 185659     | 19.79  | ug/l   | 96       |
| 31) Cyclohexane              | 7.991          | 56   | 131049     | 19.48  | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 7.908          | 97   | 162715     | 19.22  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 137553     | 19.41  | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.291          | 43   | 47981      | 19.94  | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 146797     | 19.18  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.355          | 83   | 140835     | 19.42  | ug/l   | 97       |
| 40) Benzene                  | 8.350          | 78   | 397755     | 19.32  | ug/l   | 98       |

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 Acq On : 01 Jun 2021 16:04  
 Operator : VA/SY  
 Sample : VD0601SBSD01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0601SBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 6/2/2021 6:47:03 PM

Quant Time: Jun 02 02:34:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060121S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 02 02:17:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 21346    | 18.27  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 107118   | 19.50  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.450  | 43   | 86859    | 19.83  | ug/l   | 99       |
| 44) Trichloroethene           | 9.114  | 130  | 108990   | 19.49  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 96269    | 19.64  | ug/l   | 99       |
| 46) Dibromomethane            | 9.473  | 93   | 54258    | 19.37  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.661  | 83   | 142017   | 19.66  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.455  | 41   | 39173    | 19.26  | ug/l   | 87       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 11389    | 413.87 | ug/l   | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 230128   | 101.72 | ug/l   | 99       |
| 52) Toluene                   | 10.402 | 92   | 255690   | 19.68  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 127319   | 19.73  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 147342   | 19.16  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 80298    | 20.66  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 80466    | 19.84  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.944 | 76   | 124312   | 19.73  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 202598   | 111.34 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.985 | 43   | 153193   | 101.30 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.138 | 129  | 93933    | 19.18  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 74459    | 20.09  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.879 | 164  | 90711    | 19.06  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.667 | 112  | 273514   | 19.57  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 104067   | 19.88  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.743 | 91   | 468896   | 19.53  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.849 | 106  | 368617   | 39.18  | ug/l   | 100      |
| 69) o-Xylene                  | 12.179 | 106  | 162600   | 19.54  | ug/l   | 97       |
| 70) Styrene                   | 12.191 | 104  | 293466   | 20.32  | ug/l   | 98       |
| 71) Bromoform                 | 12.355 | 173  | 54412    | 20.04  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.479 | 105  | 453286   | 19.97  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.285 | 43   | 82124    | 20.48  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 84410    | 19.92  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 53730m   | 18.64  | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 107361   | 19.64  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.814 | 91   | 549545   | 19.74  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 318228   | 20.11  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 388847   | 20.22  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 24893    | 19.14  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 335962   | 20.18  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 323096   | 20.07  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 384527   | 20.11  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 471736   | 19.85  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 410019   | 19.73  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 215909   | 19.51  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.590 | 146  | 218374   | 19.80  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.838 | 91   | 384749   | 19.79  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.108 | 117  | 75389    | 19.10  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 188360   | 19.76  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 12650    | 18.74  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 114736   | 20.06  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 69007    | 19.21  | ug/l   | 99       |
| 95) Naphthalene               | 15.390 | 128  | 194855   | 19.38  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.584 | 180  | 100149   | 19.89  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060121\  
Data File : VD069285.D  
Acq On : 01 Jun 2021 16:04  
Operator : VA/SY  
Sample : VD0601SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

Manual Integrations  
APPROVED

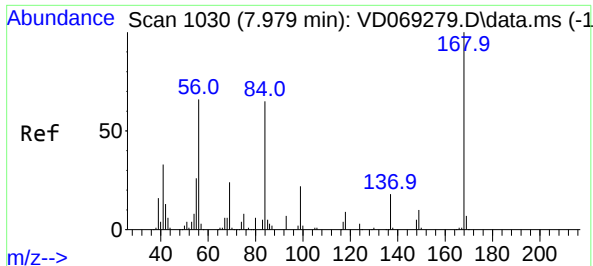
MMDadoda  
6/2/2021 6:47:03 PM

Quant Time: Jun 02 02:34:47 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060121S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 02 02:17:36 2021  
Response via : Initial Calibration

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

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





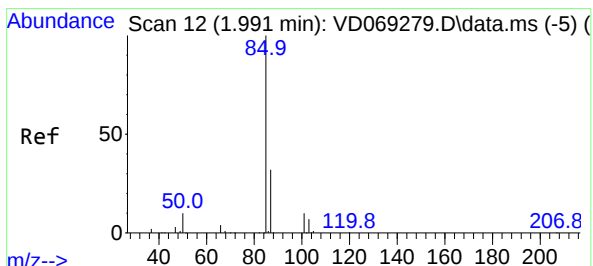
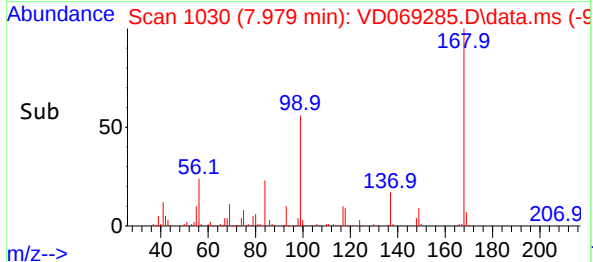
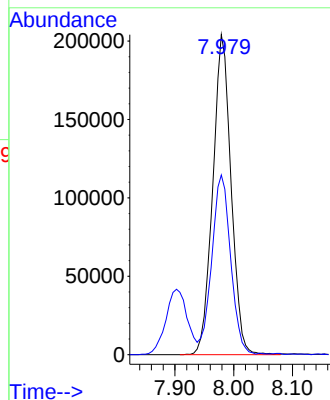
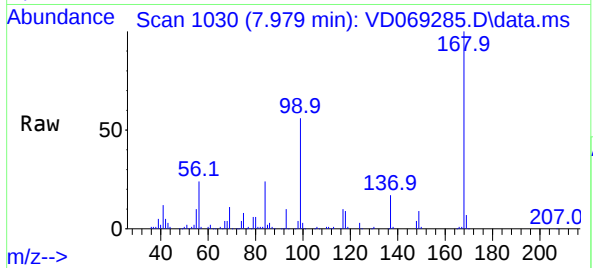
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion:168 Resp: 441168  
Ion Ratio Lower Upper  
168 100  
99 55.7 46.2 69.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

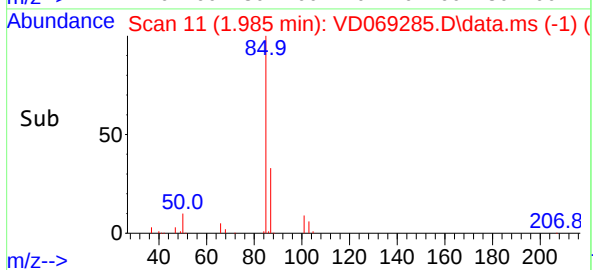
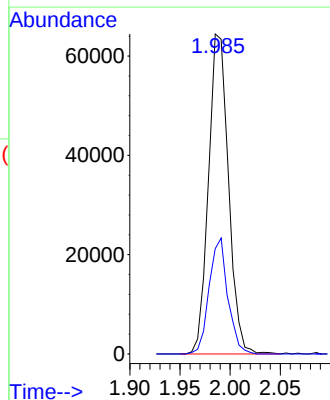
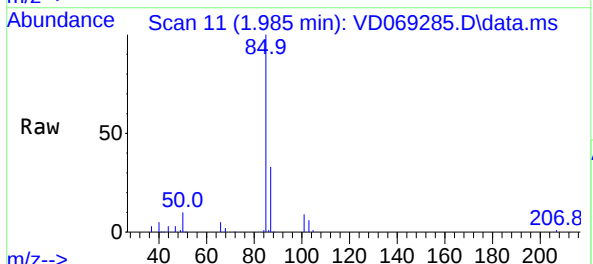
Manual Integrations  
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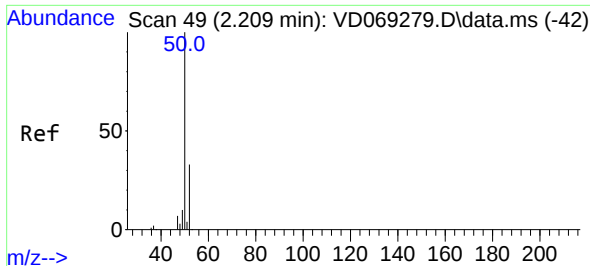
MMDadoda  
6/2/2021 6:47:03 PM



#2  
Dichlorodifluoromethane  
Concen: 19.26 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

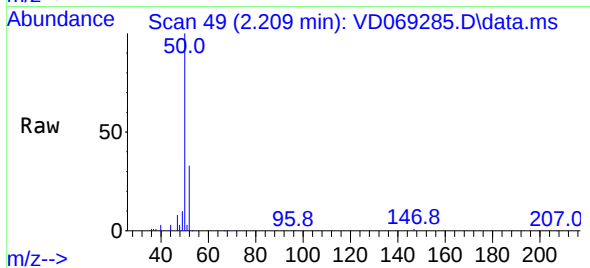
Tgt Ion: 85 Resp: 89438  
Ion Ratio Lower Upper  
85 100  
87 32.9 15.9 47.7





#3  
Chloromethane  
Concen: 19.39 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

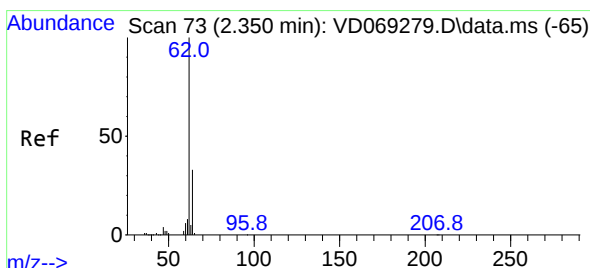
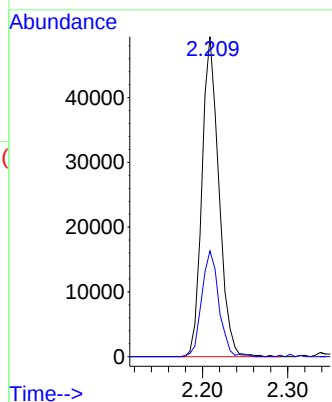
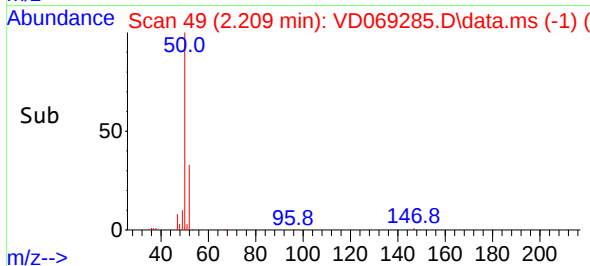
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



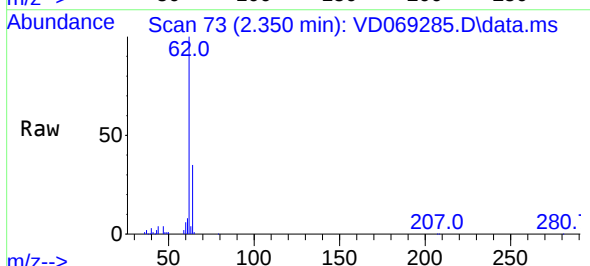
Tgt Ion: 50 Resp: 67967  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.7 40.1

Manual Integrations  
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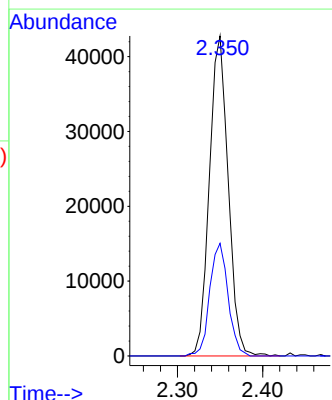
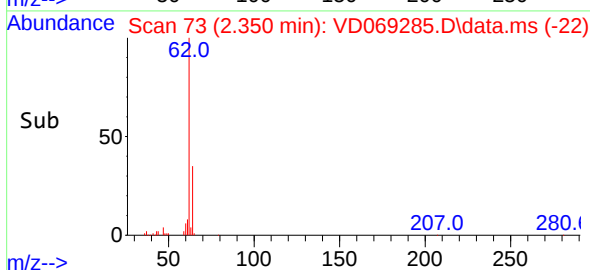
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6/2/2021 6:47:03 PM

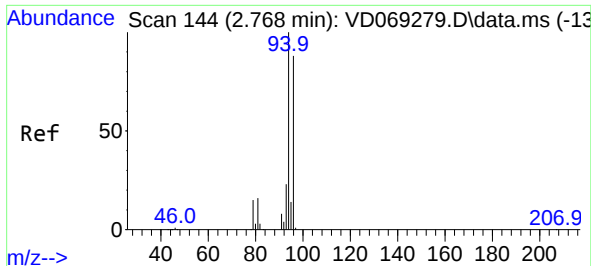


#4  
Vinyl Chloride  
Concen: 18.35 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

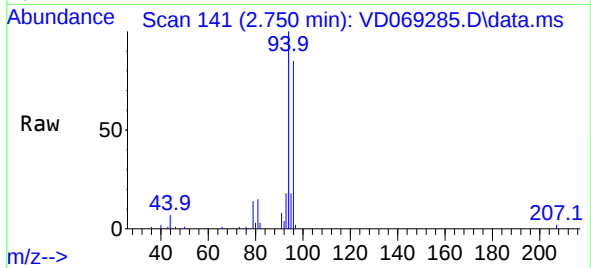


Tgt Ion: 62 Resp: 65524  
Ion Ratio Lower Upper  
62 100  
64 35.2 26.2 39.4

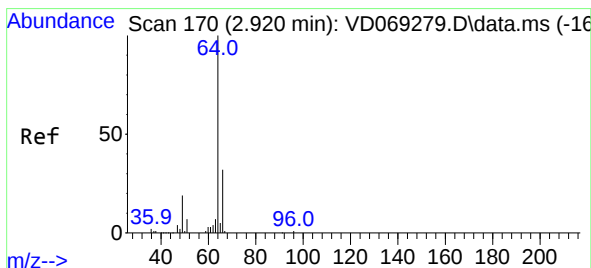
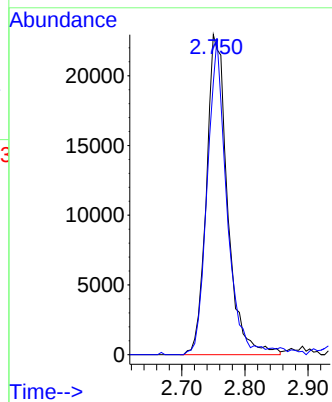
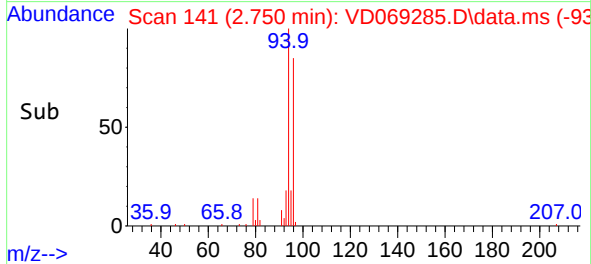




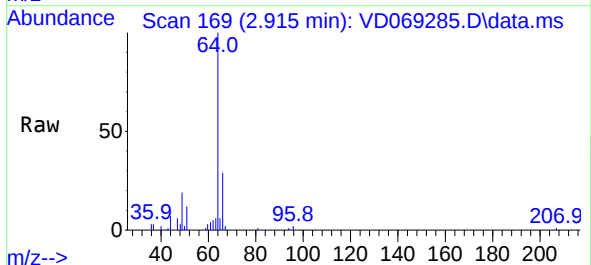
#5  
Bromomethane  
Concen: 20.39 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.018 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



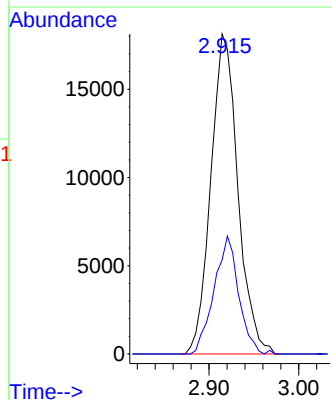
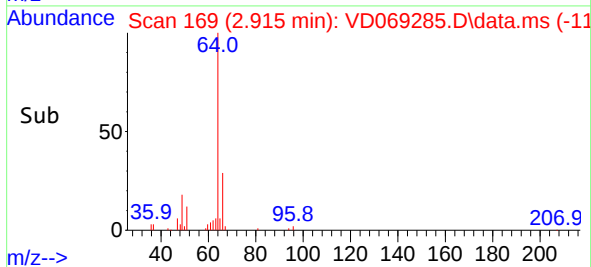
Tgt Ion: 94 Resp: 53117  
Ion Ratio Lower Upper  
94 100  
96 85.0 70.3 105.5



#6  
Chloroethane  
Concen: 18.60 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



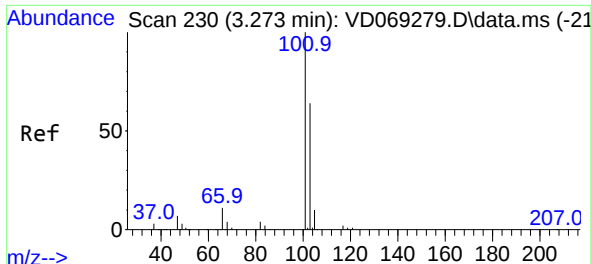
Tgt Ion: 64 Resp: 37913  
Ion Ratio Lower Upper  
64 100  
66 29.4 25.4 38.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

Manual Integrations  
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MMDadoda  
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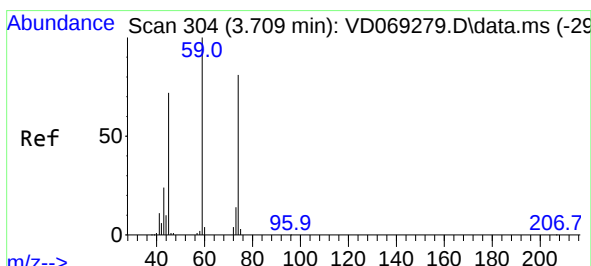
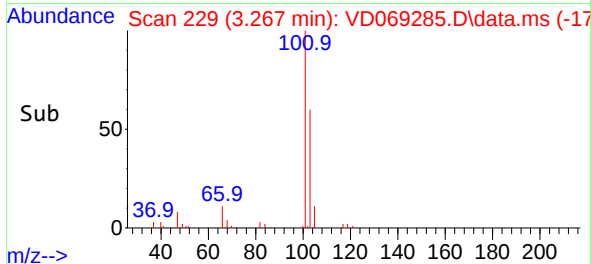
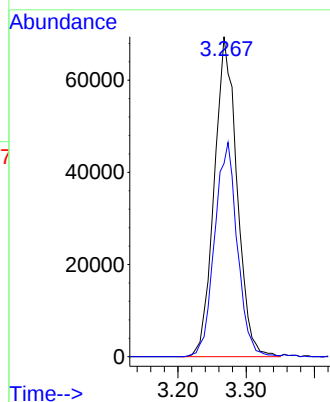
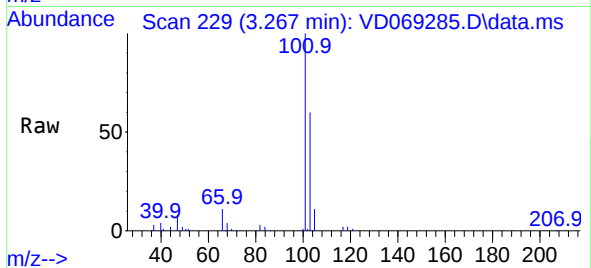
#7  
Trichlorofluoromethane  
Concen: 19.40 ug/l  
RT: 3.267 min Scan# 229  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion:101 Resp: 161149  
Ion Ratio Lower Upper  
101 100  
103 60.4 51.0 76.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

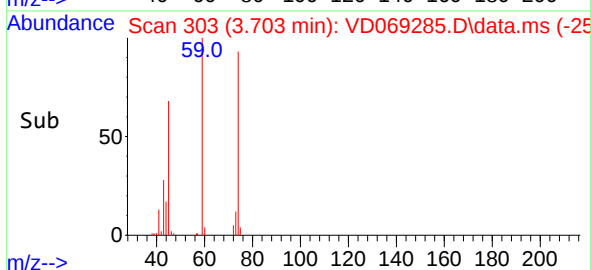
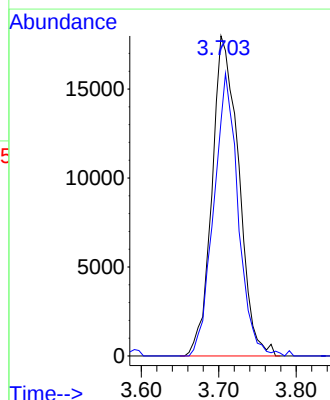
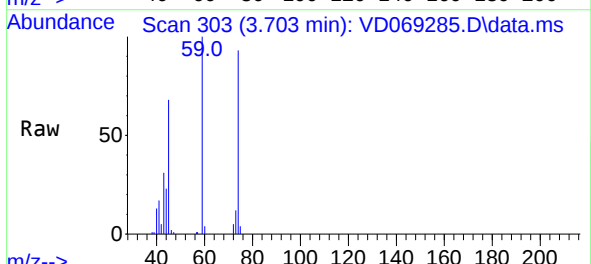
Manual Integrations  
APPROVED

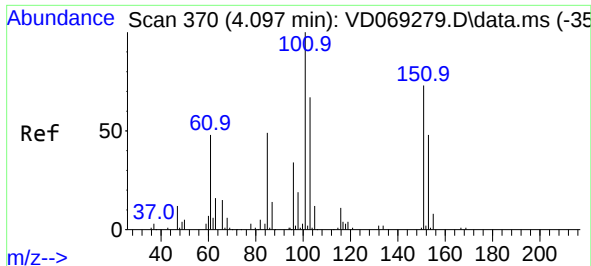
MMDadoda  
6/2/2021 6:47:03 PM



#8  
Diethyl Ether  
Concen: 21.17 ug/l  
RT: 3.703 min Scan# 303  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 74 Resp: 43210  
Ion Ratio Lower Upper  
74 100  
45 80.6 42.4 127.3





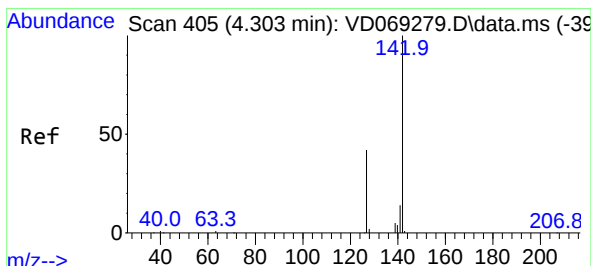
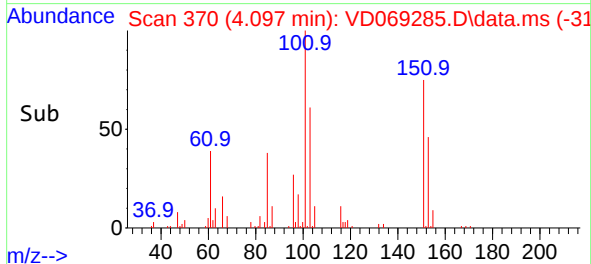
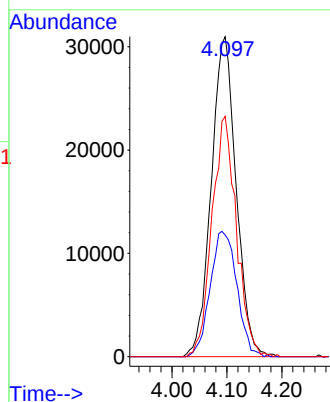
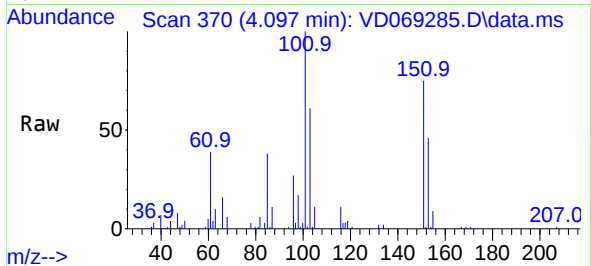
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.93 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 97503 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 42.0  | 35.1  | 52.7  |
| 151      | 74.0  | 60.2  | 90.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

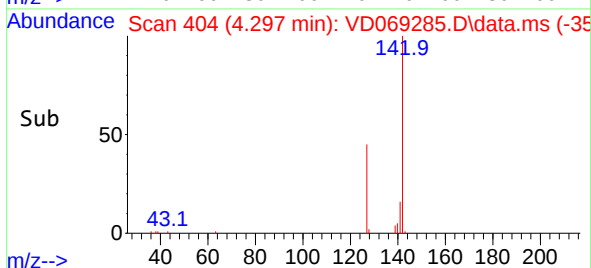
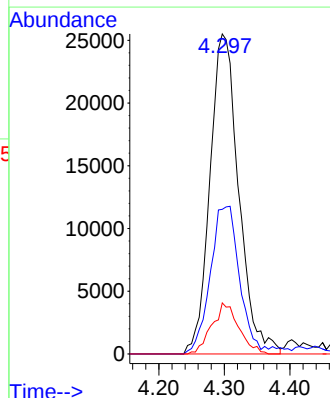
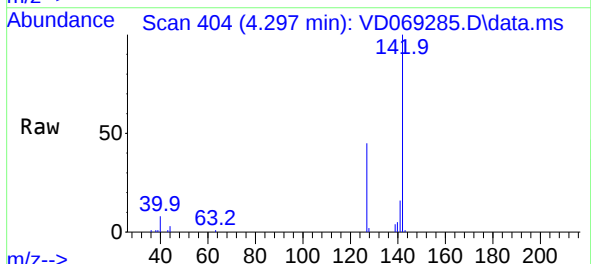
Manual Integrations  
APPROVED

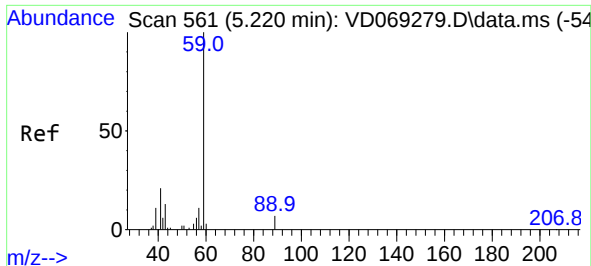
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#10  
Methyl Iodide  
Concen: 17.28 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

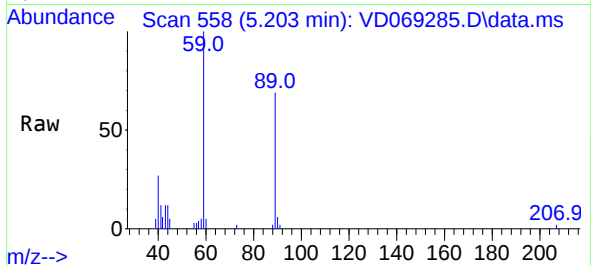
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 77672 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 46.9  | 36.2  | 54.2  |
| 141      | 14.9  | 12.2  | 18.2  |





#11  
Tert butyl alcohol  
Concen: 131.15 ug/l  
RT: 5.203 min Scan# 558  
Delta R.T. -0.017 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

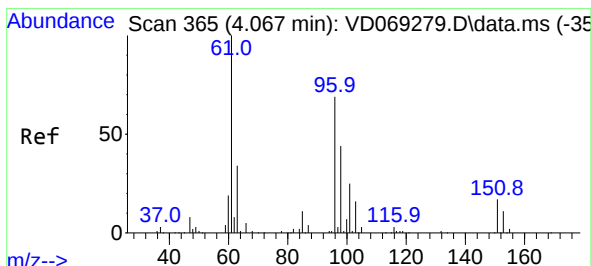
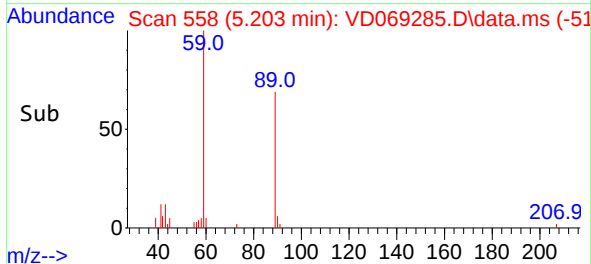
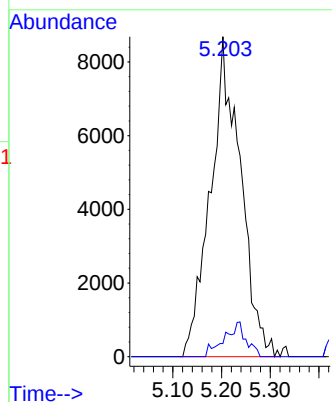
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



Tgt Ion: 59 Resp: 37264  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#

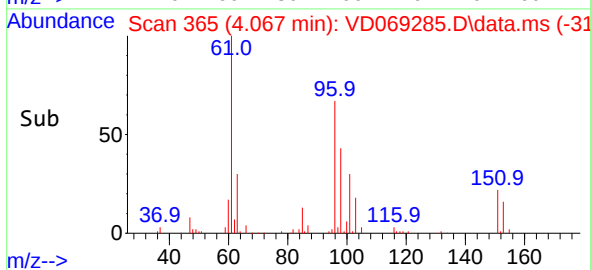
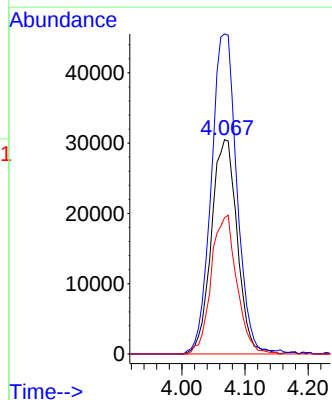
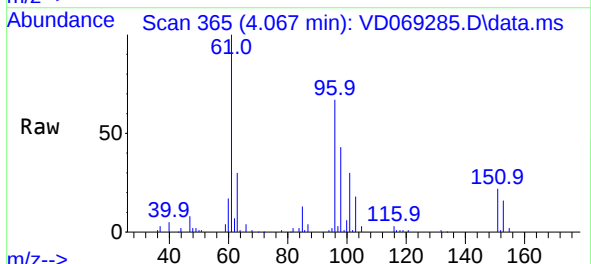
Manual Integrations  
APPROVED

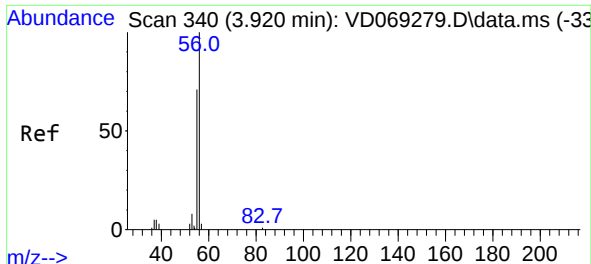
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#12  
1,1-Dichloroethene  
Concen: 19.64 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 96 Resp: 86923  
Ion Ratio Lower Upper  
96 100  
61 149.3 116.5 174.7  
98 63.6 50.8 76.2





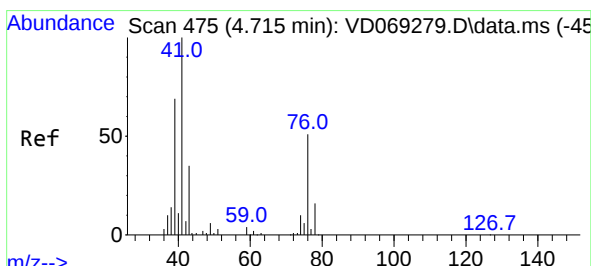
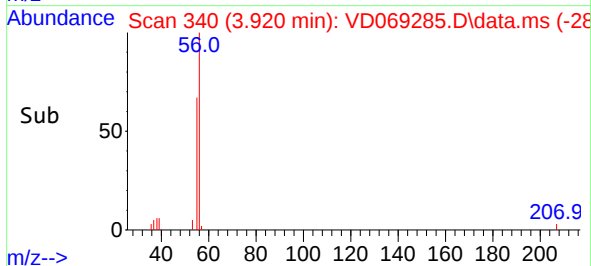
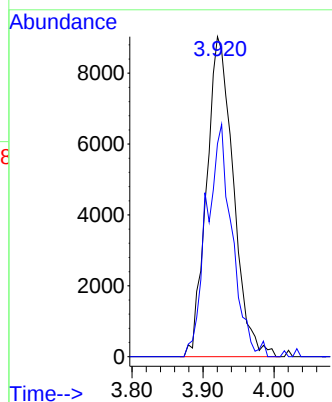
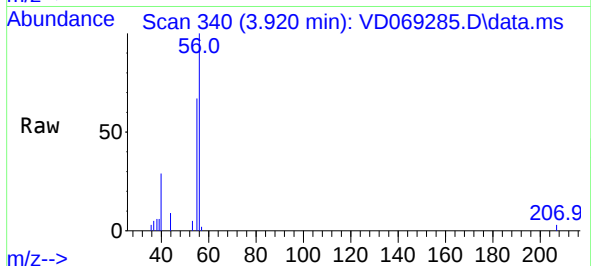
#13  
Acrolein  
Concen: 95.10 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 56 Resp: 23652  
Ion Ratio Lower Upper  
56 100  
55 69.3 53.8 80.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

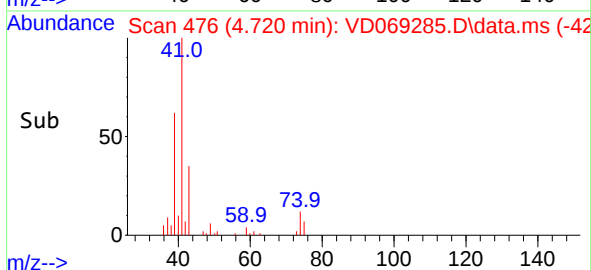
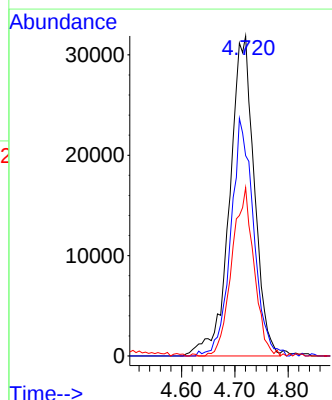
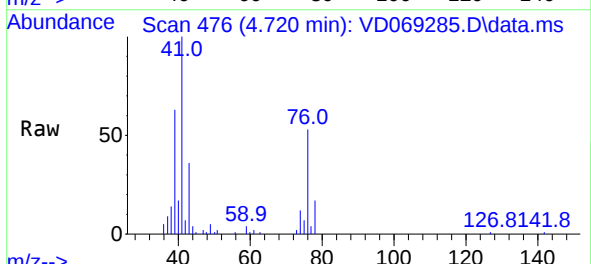
Manual Integrations  
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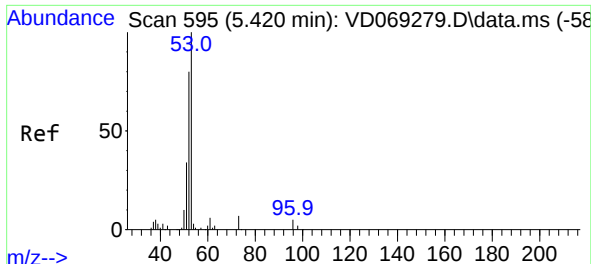
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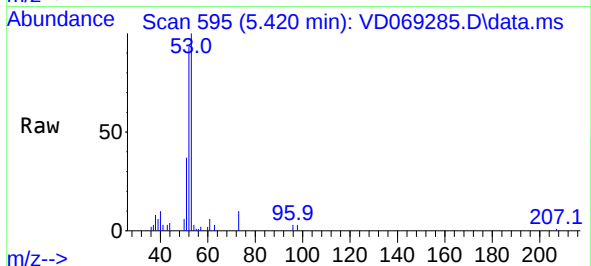
#14  
Allyl chloride  
Concen: 19.13 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 41 Resp: 102115  
Ion Ratio Lower Upper  
41 100  
39 68.8 56.1 84.1  
76 47.3 37.9 56.9

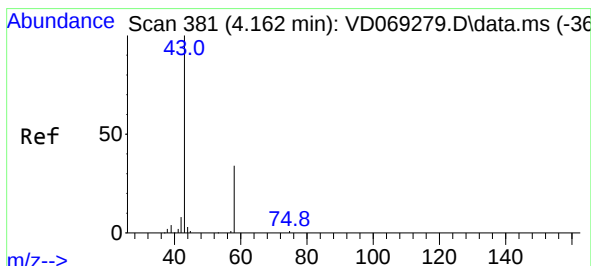
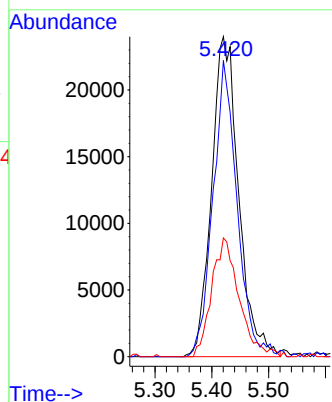
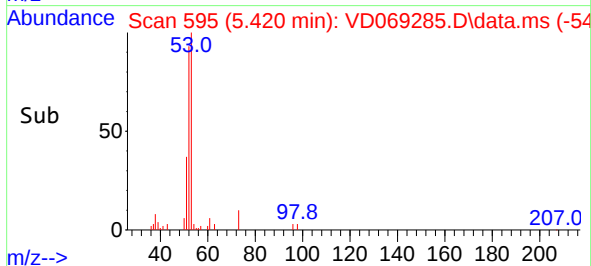




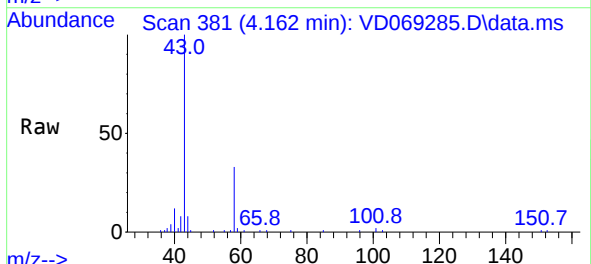
#15  
Acrylonitrile  
Concen: 99.69 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



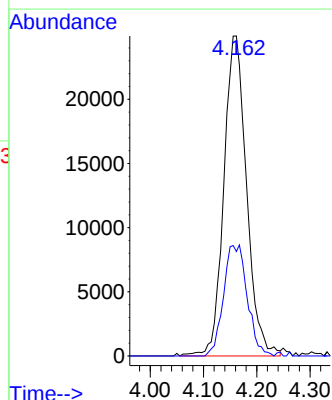
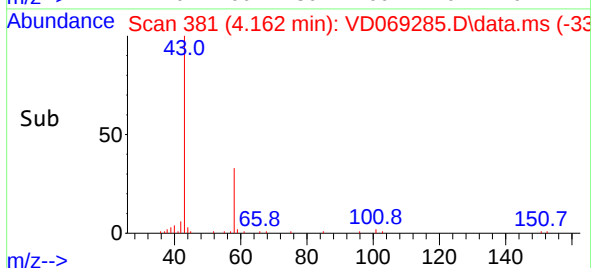
Tgt Ion: 53 Resp: 79316  
Ion Ratio Lower Upper  
53 100  
52 82.6 64.5 96.7  
51 36.9 28.6 43.0



#16  
Acetone  
Concen: 100.10 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



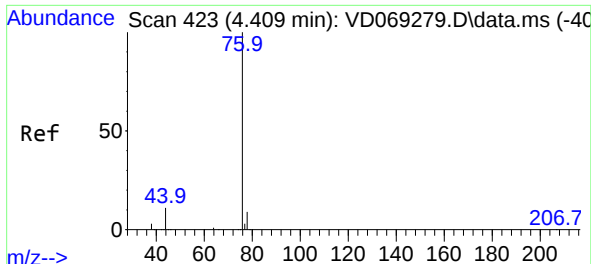
Tgt Ion: 43 Resp: 73944  
Ion Ratio Lower Upper  
43 100  
58 32.7 27.5 41.3



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

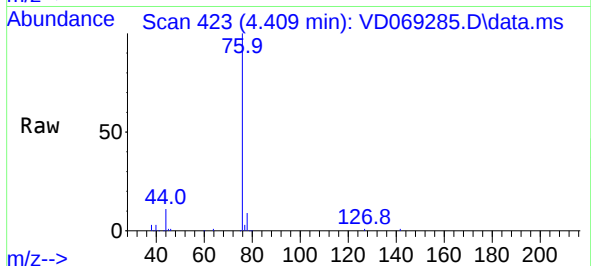
Manual Integrations  
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#17  
Carbon Disulfide  
Concen: 18.97 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

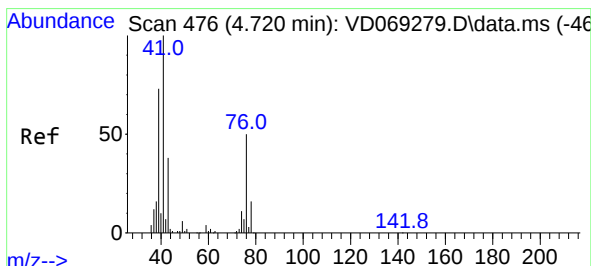
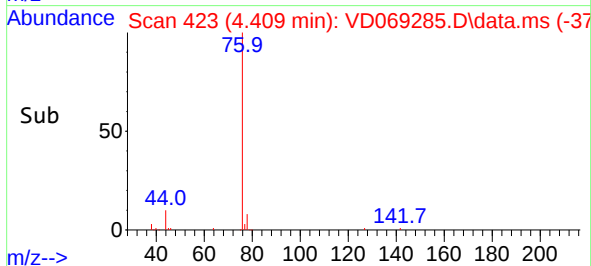
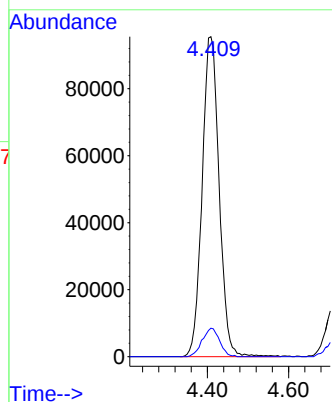
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



Tgt Ion: 76 Resp: 277509  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0

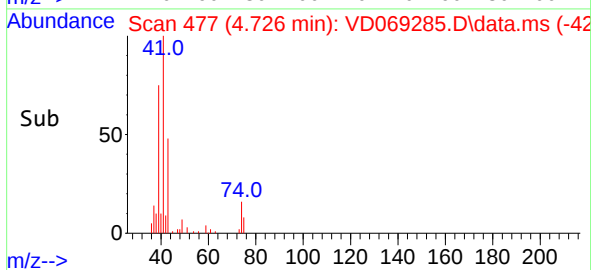
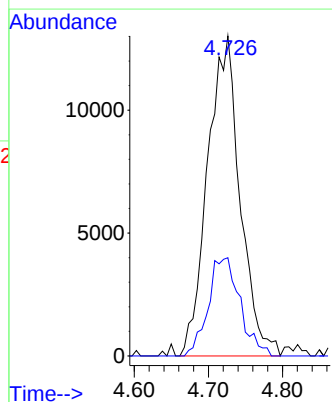
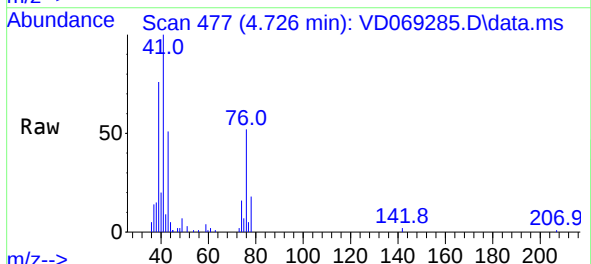
Manual Integrations  
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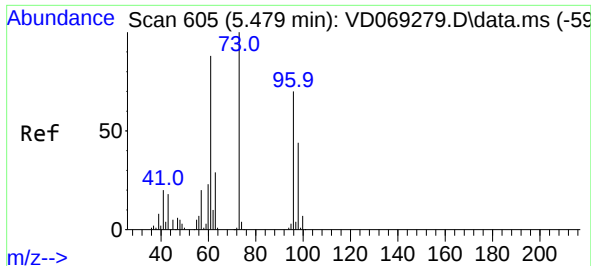
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#18  
Methyl Acetate  
Concen: 19.88 ug/l  
RT: 4.726 min Scan# 477  
Delta R.T. 0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 43 Resp: 39744  
Ion Ratio Lower Upper  
43 100  
74 30.0 22.8 34.2





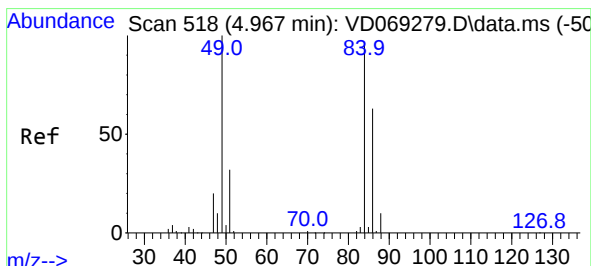
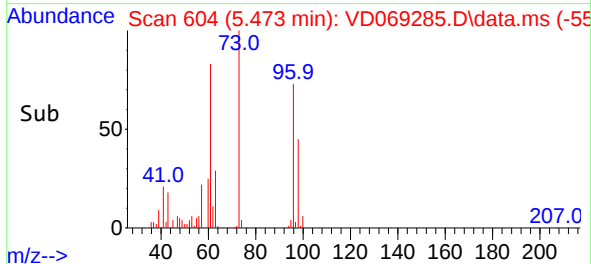
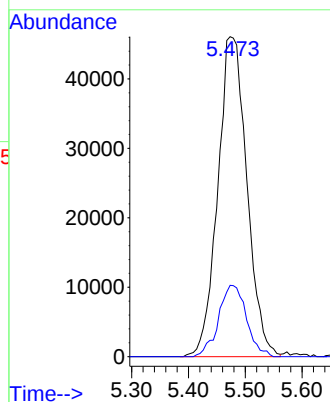
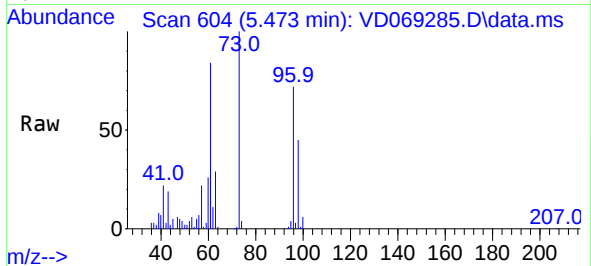
#19  
Methyl tert-butyl Ether  
Concen: 20.16 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 73 Resp: 163795  
Ion Ratio Lower Upper  
73 100  
57 22.3 15.7 23.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

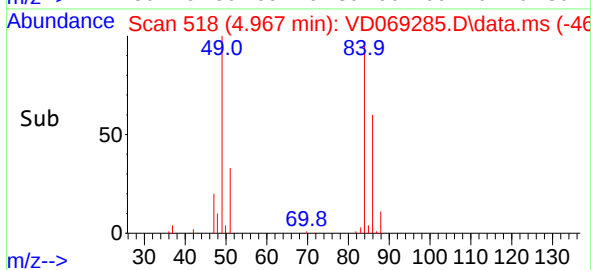
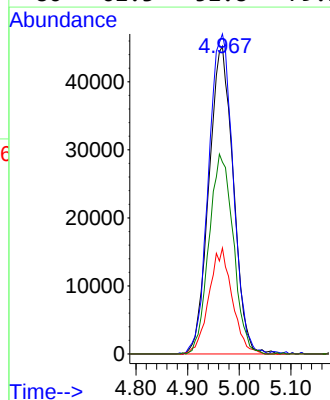
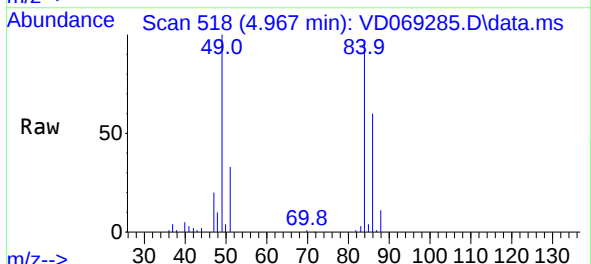
Manual Integrations  
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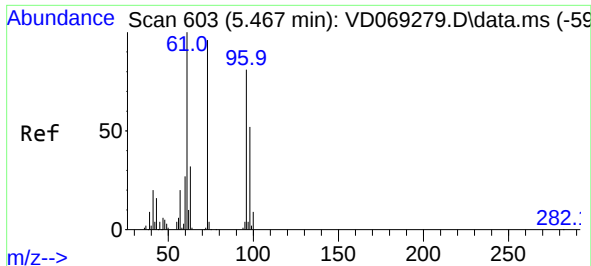
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#20  
Methylene Chloride  
Concen: 23.83 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

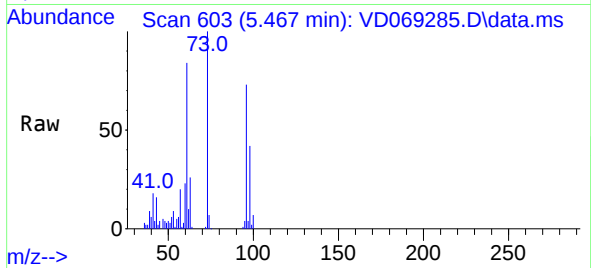
Tgt Ion: 84 Resp: 147933  
Ion Ratio Lower Upper  
84 100  
49 103.6 83.7 125.5  
51 34.4 26.4 39.6  
86 62.3 52.8 79.2





#21  
trans-1,2-Dichloroethene  
Concen: 19.19 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

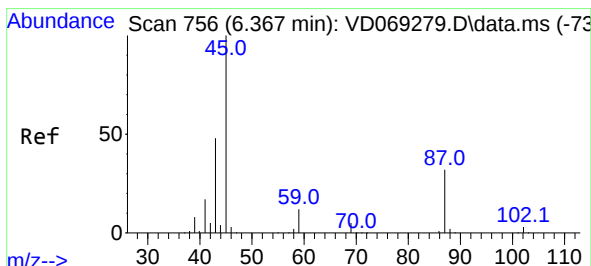
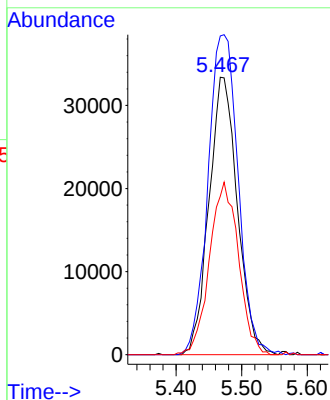
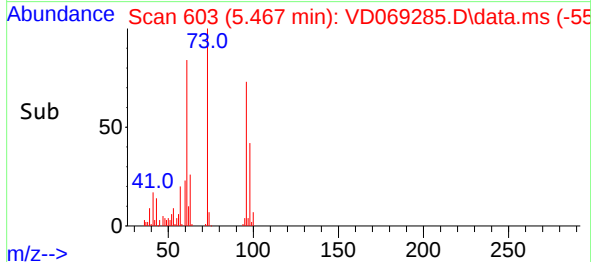
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



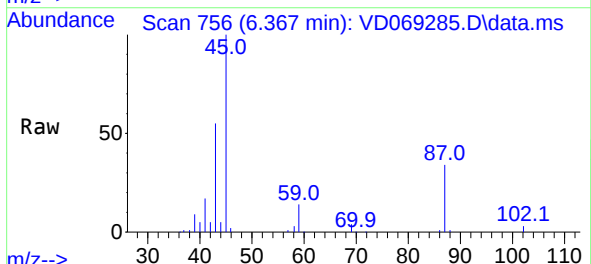
Tgt Ion: 96 Resp: 100565  
Ion Ratio Lower Upper  
96 100  
61 114.9 98.8 148.2  
98 57.1 51.4 77.2

Manual Integrations  
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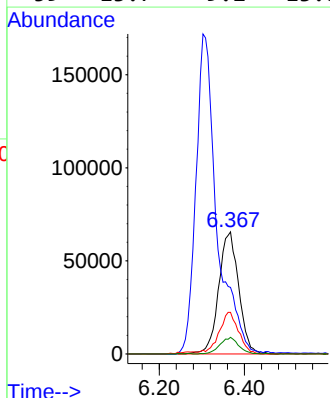
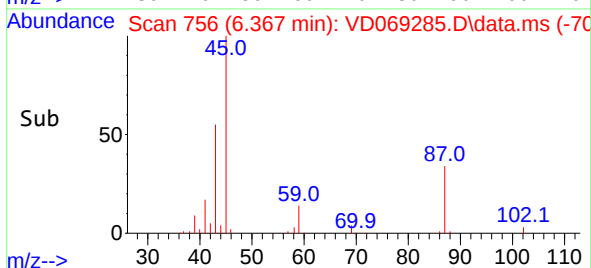
MMDadoda  
6/2/2021 6:47:03 PM

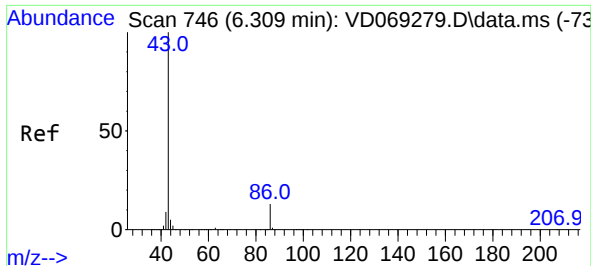


#22  
Diisopropyl ether  
Concen: 20.82 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



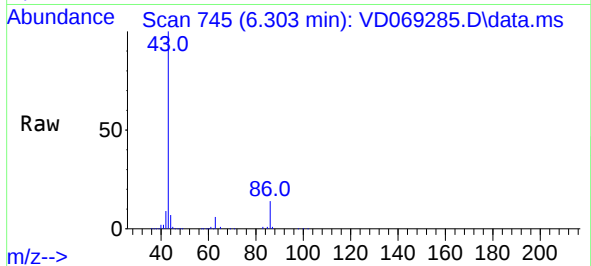
Tgt Ion: 45 Resp: 213511  
Ion Ratio Lower Upper  
45 100  
43 54.0 38.7 58.1  
87 34.1 25.6 38.4  
59 13.7 9.2 13.8





#23  
 Vinyl Acetate  
 Concen: 97.03 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.006 min  
 Lab File: VD069285.D  
 Acq: 01 Jun 2021 16:04

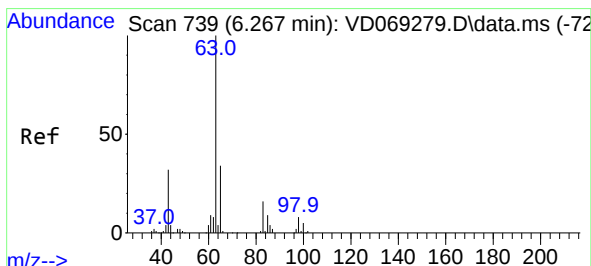
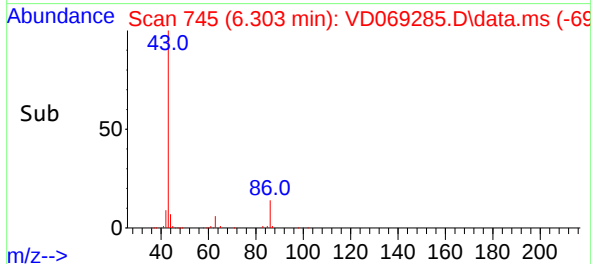
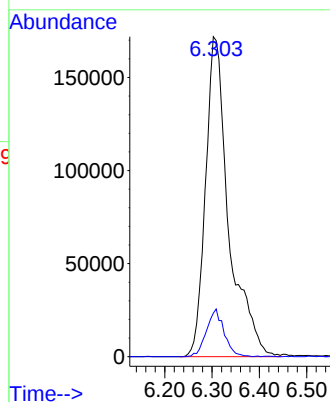
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0601SBSD01



Tgt Ion: 43 Resp: 586878  
 Ion Ratio Lower Upper  
 43 100  
 86 13.6 10.5 15.7

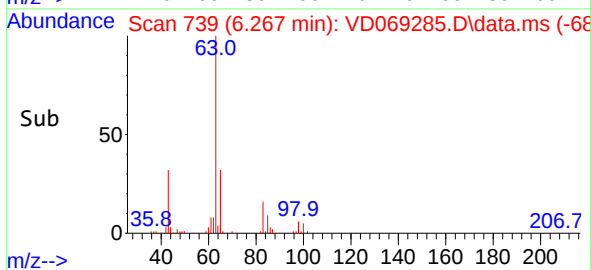
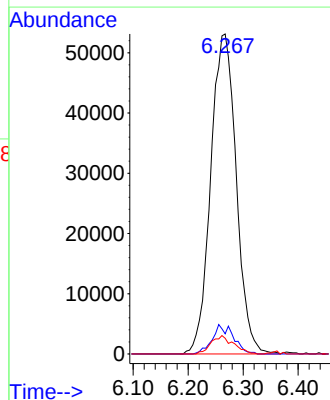
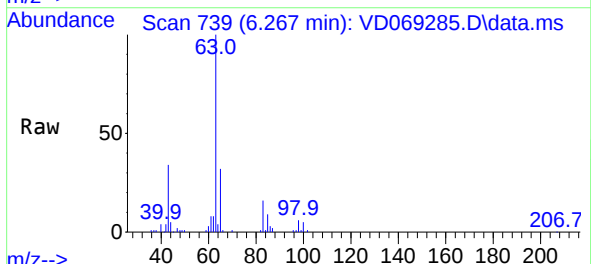
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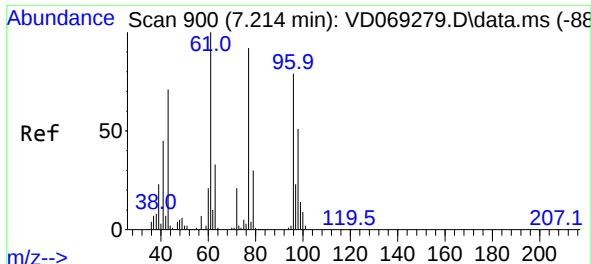
MMDadoda  
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#24  
 1,1-Dichloroethane  
 Concen: 19.97 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. -0.000 min  
 Lab File: VD069285.D  
 Acq: 01 Jun 2021 16:04

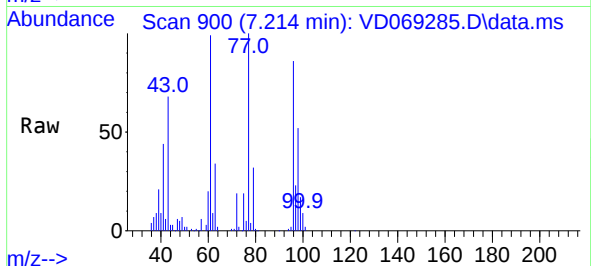
Tgt Ion: 63 Resp: 171333  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.8 11.4  
 100 4.9 2.6 7.8





#25  
2-Butanone  
Concen: 99.65 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

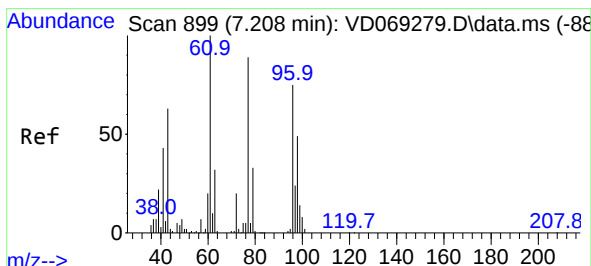
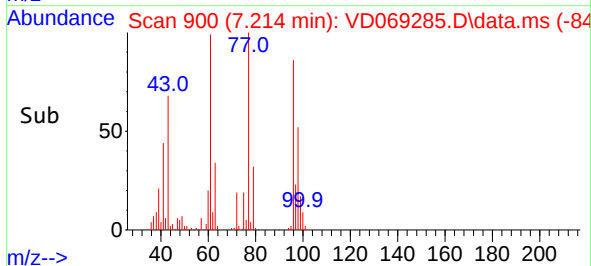
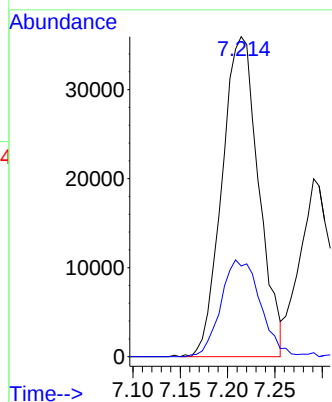
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



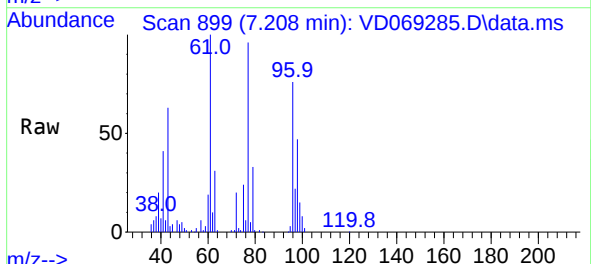
Tgt Ion: 43 Resp: 96863  
Ion Ratio Lower Upper  
43 100  
72 28.4 23.9 35.9

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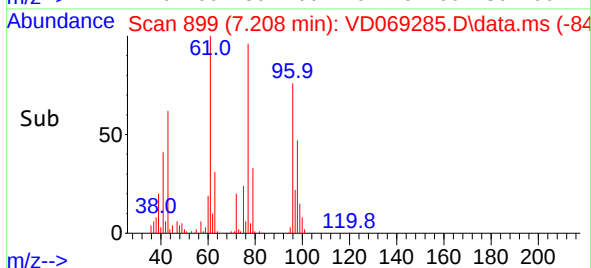
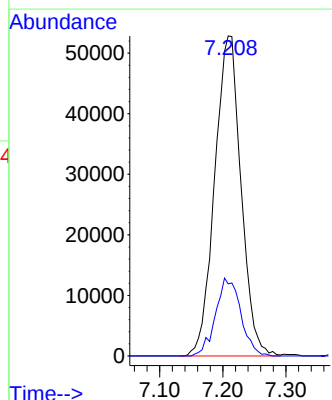
MMDadoda  
6/2/2021 6:47:03 PM

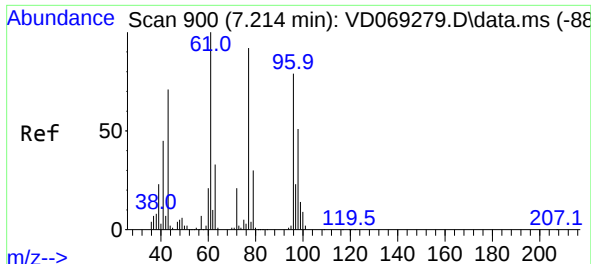


#26  
2,2-Dichloropropane  
Concen: 19.36 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



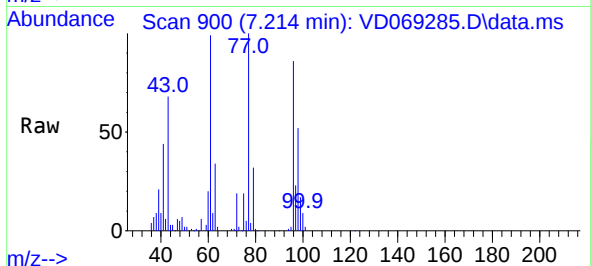
Tgt Ion: 77 Resp: 153036  
Ion Ratio Lower Upper  
77 100  
97 23.3 12.1 36.3





#27  
cis-1,2-Dichloroethene  
Concen: 20.16 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

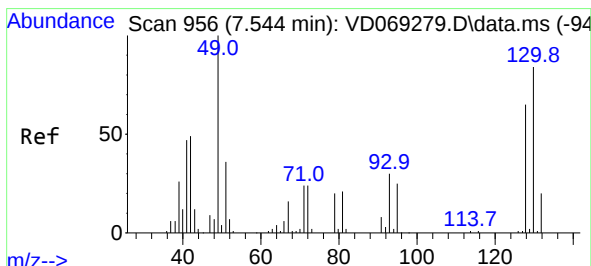
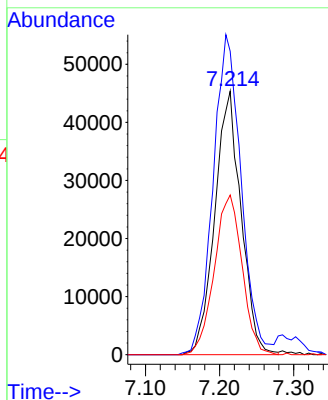
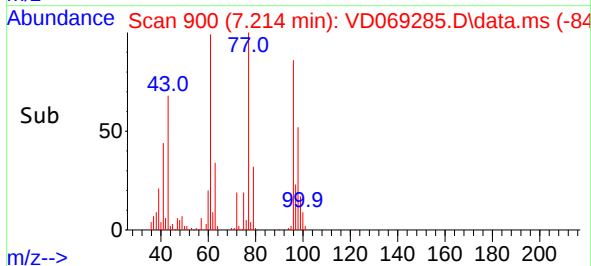
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



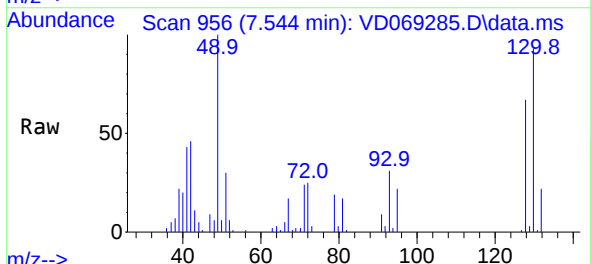
Tgt Ion: 96 Resp: 111928  
Ion Ratio Lower Upper  
96 100  
61 129.5 0.0 265.6  
98 64.0 0.0 129.0

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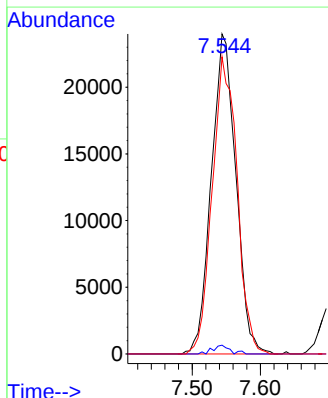
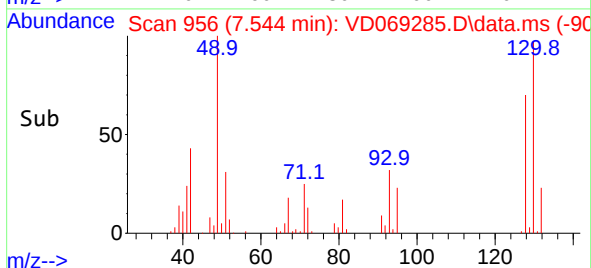
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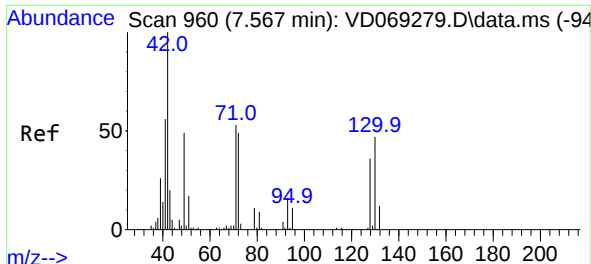


#28  
Bromochloromethane  
Concen: 20.18 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



Tgt Ion: 49 Resp: 60031  
Ion Ratio Lower Upper  
49 100  
129 1.7 0.0 4.6  
130 93.9 72.0 108.0





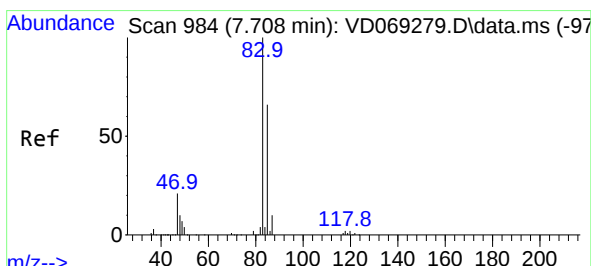
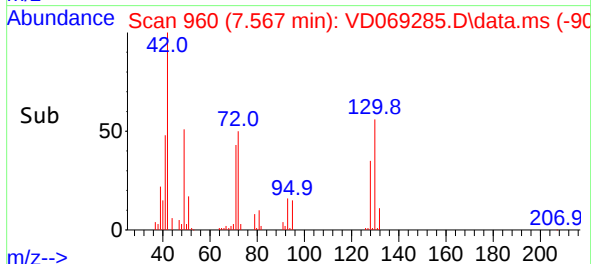
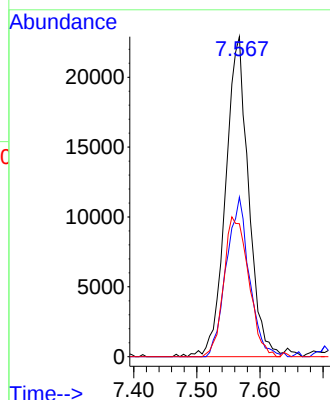
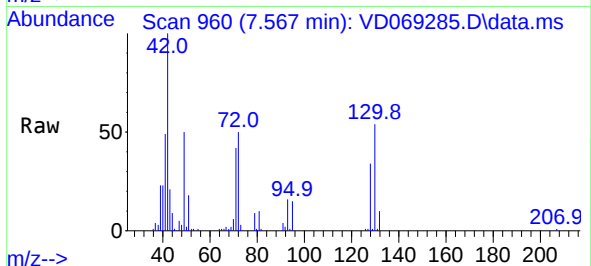
#29  
Tetrahydrofuran  
Concen: 103.50 ug/l  
RT: 7.567 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 42 Resp: 57823  
Ion Ratio Lower Upper  
42 100  
72 50.0 41.0 61.6  
71 47.5 38.9 58.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

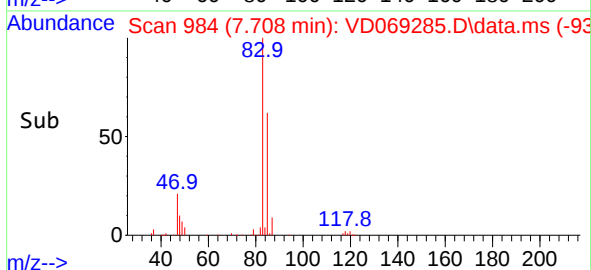
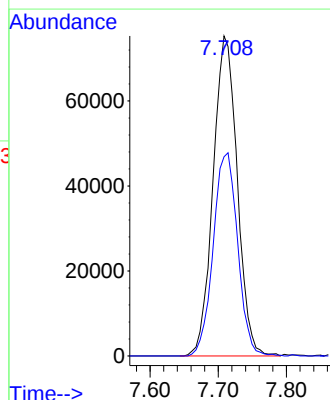
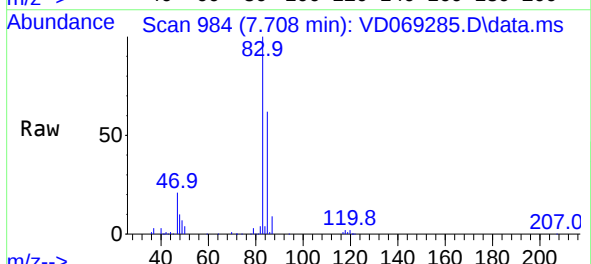
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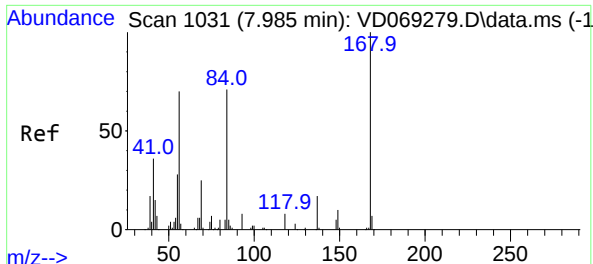
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#30  
Chloroform  
Concen: 19.79 ug/l  
RT: 7.708 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 83 Resp: 185659  
Ion Ratio Lower Upper  
83 100  
85 62.3 52.6 78.8





#31

Cyclohexane

Concen: 19.48 ug/l

RT: 7.991 min Scan# 1032

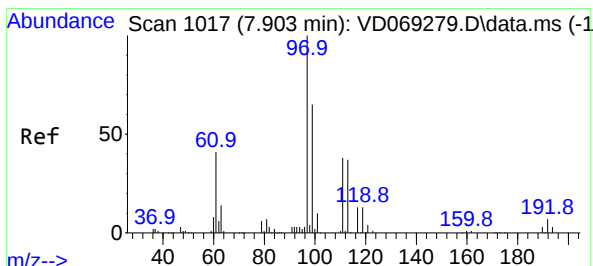
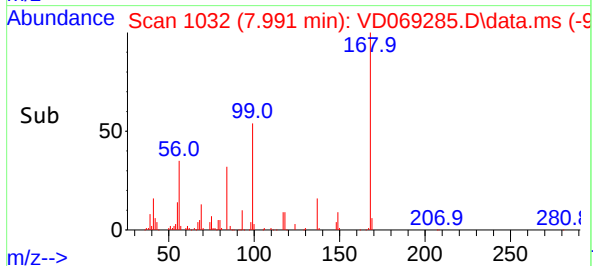
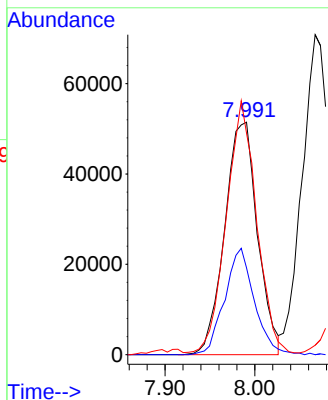
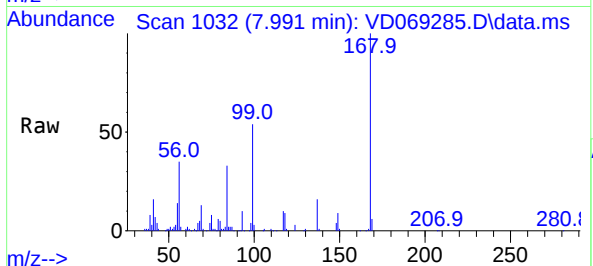
Delta R.T. 0.006 min

Lab File: VD069285.D

Acq: 01 Jun 2021 16:04

Tgt Ion: 56 Resp: 131049

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 37.3  | 29.0  | 43.4  |
| 84  | 93.0  | 81.1  | 121.7 |



#32

1,1,1-Trichloroethane

Concen: 19.22 ug/l

RT: 7.908 min Scan# 1018

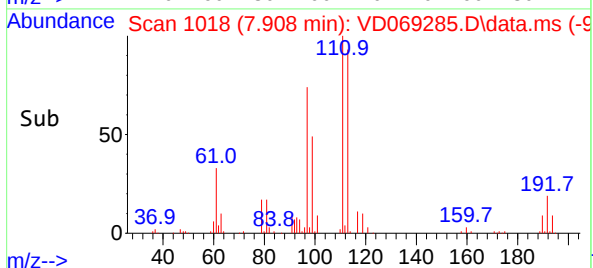
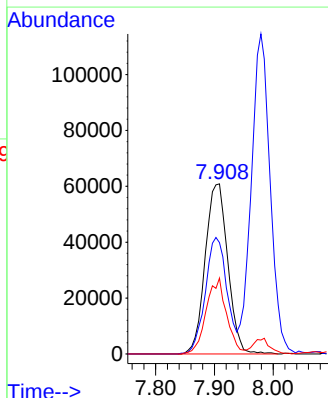
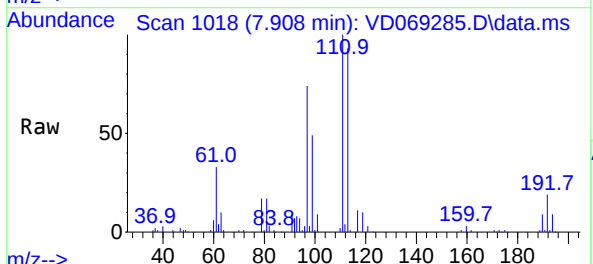
Delta R.T. 0.006 min

Lab File: VD069285.D

Acq: 01 Jun 2021 16:04

Tgt Ion: 97 Resp: 162715

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 65.8  | 51.9  | 77.9  |
| 61  | 40.2  | 31.8  | 47.6  |



Instrument :

MSVOA\_D

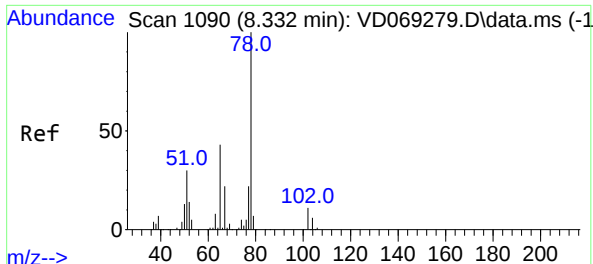
ClientSampleId :

VD0601SBSD01

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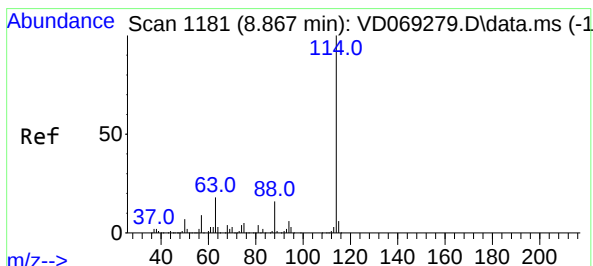
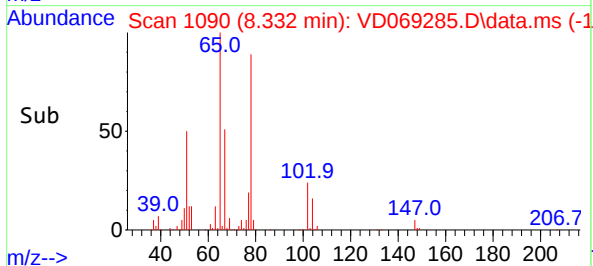
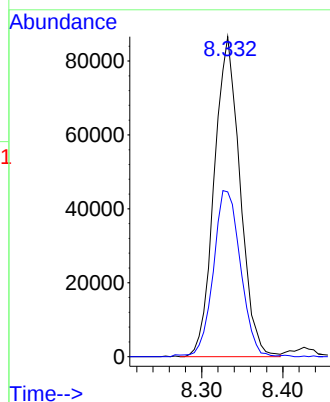
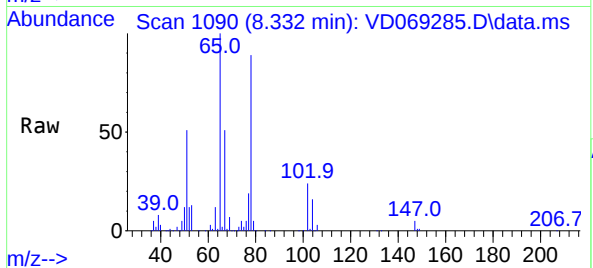
#33  
1,2-Dichloroethane-d4  
Concen: 45.14 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 65 Resp: 191102  
Ion Ratio Lower Upper  
65 100  
67 54.6 0.0 105.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

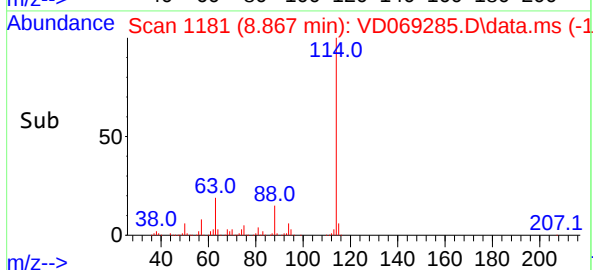
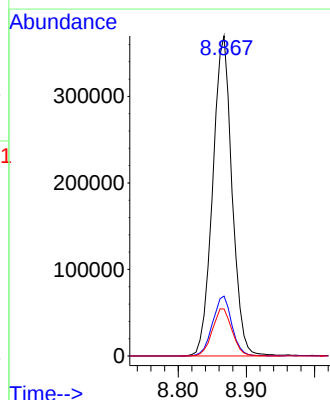
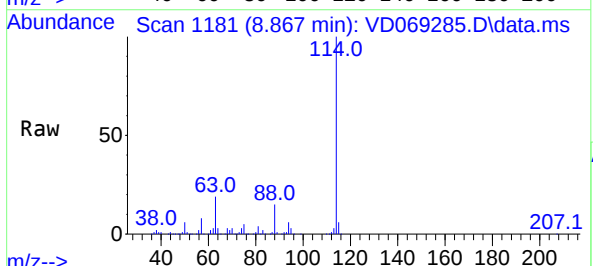
Manual Integrations  
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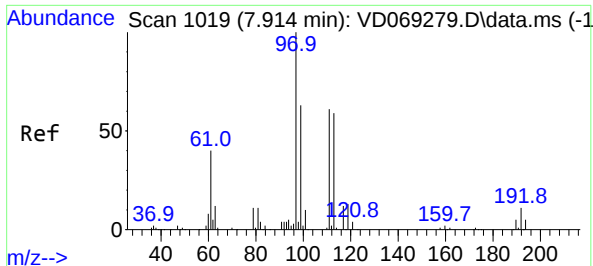
MMDadoda  
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 114 Resp: 729214  
Ion Ratio Lower Upper  
114 100  
63 18.7 0.0 35.6  
88 14.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.75 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069285.D

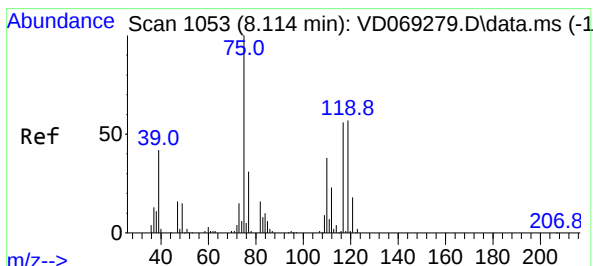
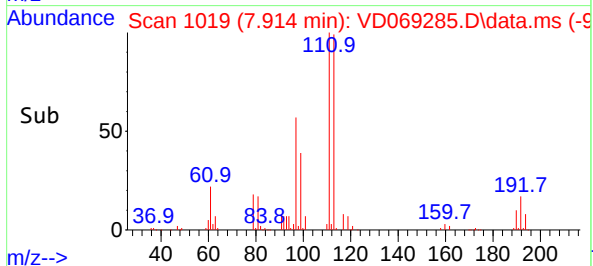
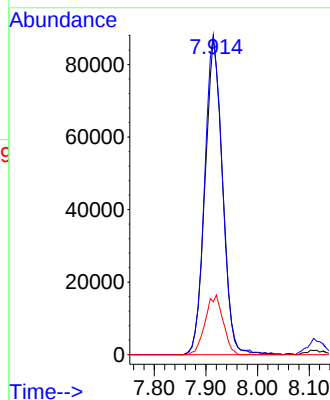
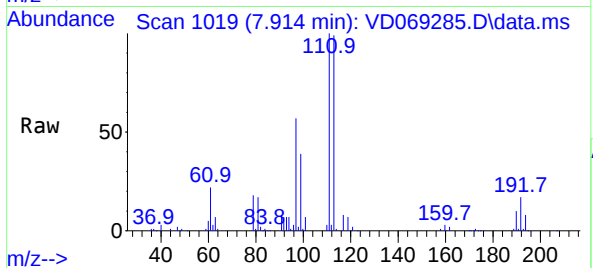
Acq: 01 Jun 2021 16:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 204918 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 102.6 | 83.0  | 124.6  |
| 192      | 19.3  | 15.1  | 22.7   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

Manual Integrations  
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#36

1,1-Dichloropropene

Concen: 19.41 ug/l

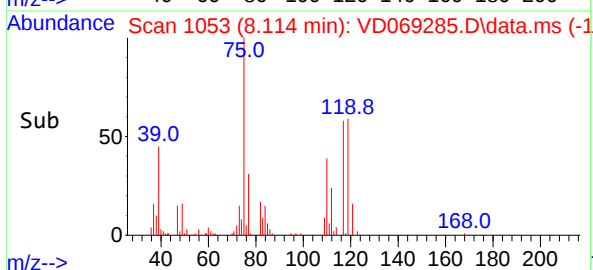
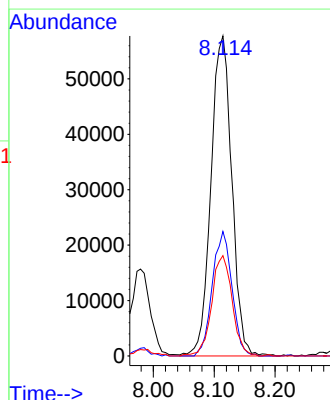
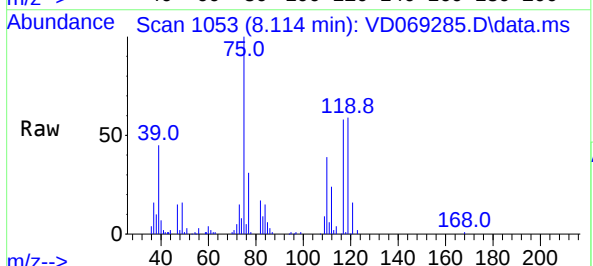
RT: 8.114 min Scan# 1053

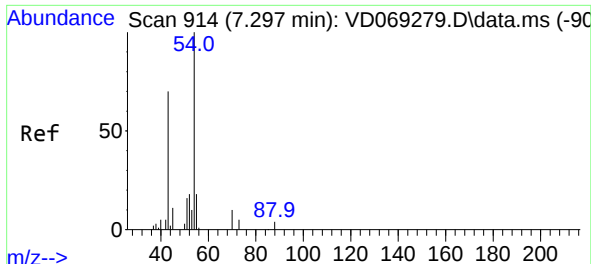
Delta R.T. -0.000 min

Lab File: VD069285.D

Acq: 01 Jun 2021 16:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 137553 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 36.6  | 18.4  | 55.2   |
| 77       | 30.8  | 24.9  | 37.3   |





#37

Ethyl Acetate

Concen: 19.94 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD069285.D

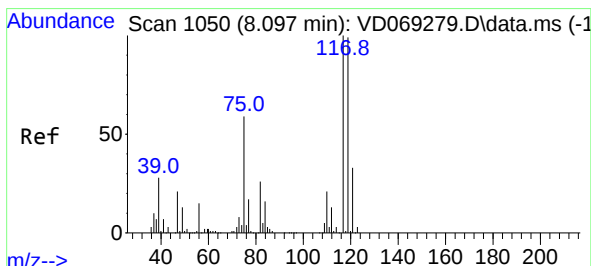
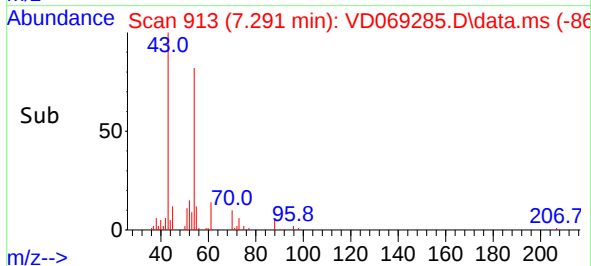
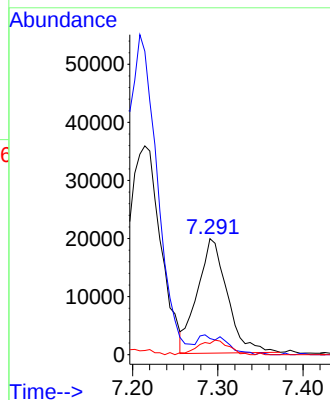
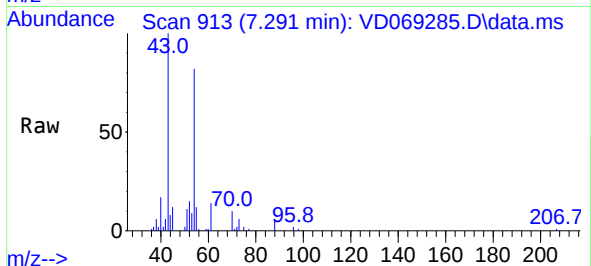
Acq: 01 Jun 2021 16:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 47981 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.7  | 11.0  | 16.6  |
| 70       | 12.7  | 9.7   | 14.5  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

Manual Integrations  
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#38

Carbon Tetrachloride

Concen: 19.18 ug/l

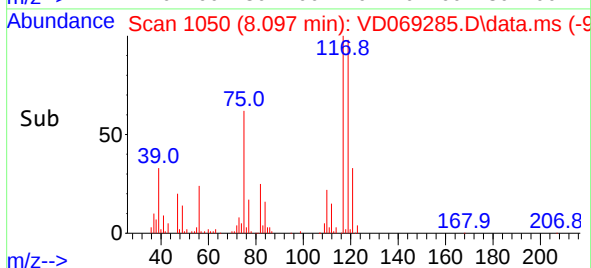
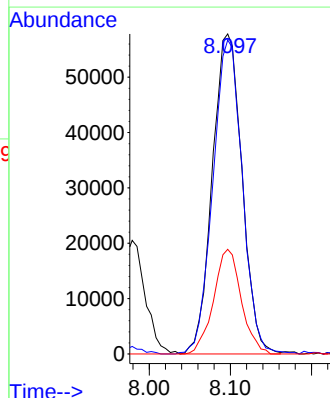
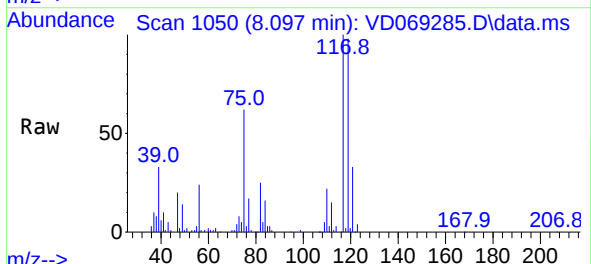
RT: 8.097 min Scan# 1050

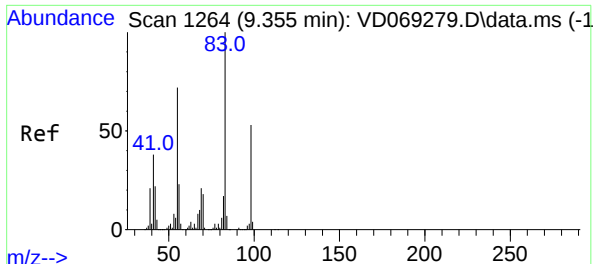
Delta R.T. -0.000 min

Lab File: VD069285.D

Acq: 01 Jun 2021 16:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 146797 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.6  | 79.4  | 119.2  |
| 121      | 32.7  | 26.1  | 39.1   |





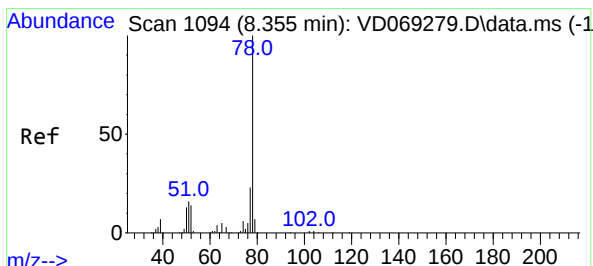
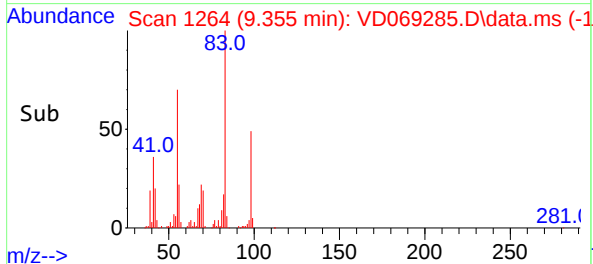
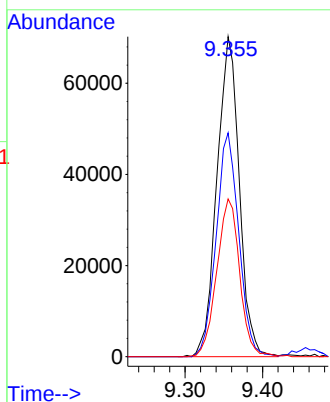
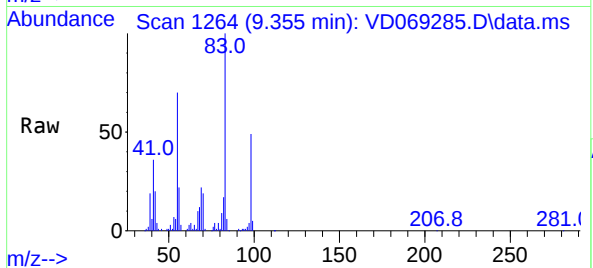
#39  
Methylcyclohexane  
Concen: 19.42 ug/l  
RT: 9.355 min Scan# 1264  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
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Tgt Ion: 83 Resp: 140835  
Ion Ratio Lower Upper  
83 100  
55 70.0 57.4 86.2  
98 49.3 42.2 63.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

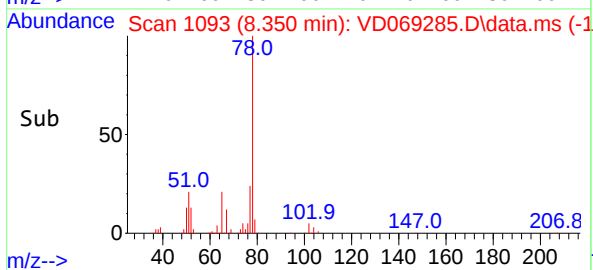
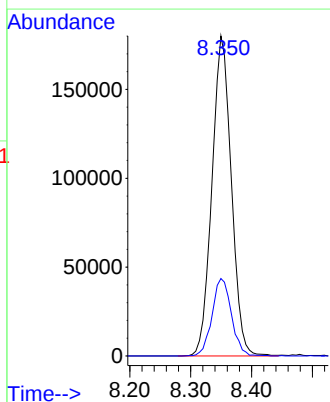
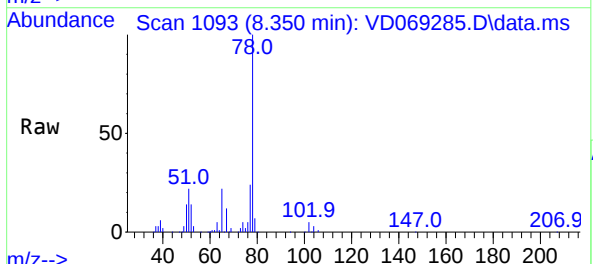
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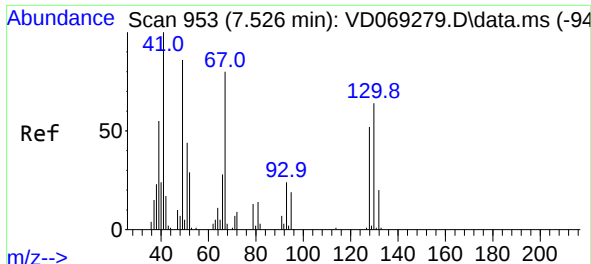
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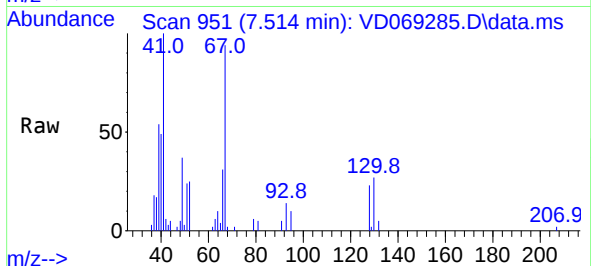
#40  
Benzene  
Concen: 19.32 ug/l  
RT: 8.350 min Scan# 1093  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 78 Resp: 397755  
Ion Ratio Lower Upper  
78 100  
77 24.2 18.7 28.1



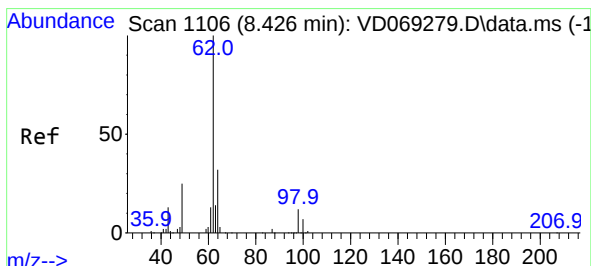
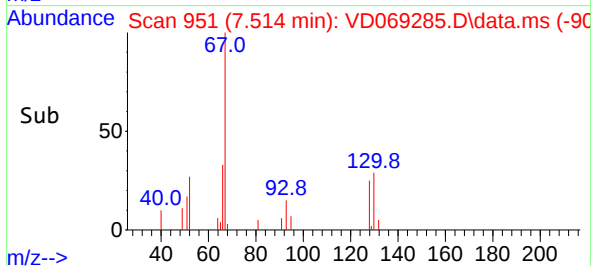
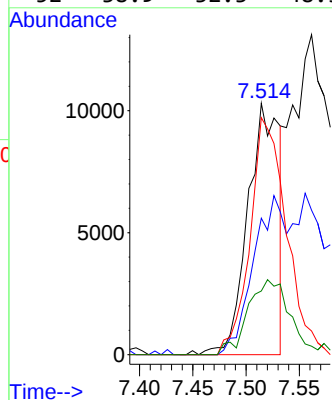


#41  
Methacrylonitrile  
Concen: 18.27 ug/l  
RT: 7.514 min Scan# 951  
Delta R.T. -0.012 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

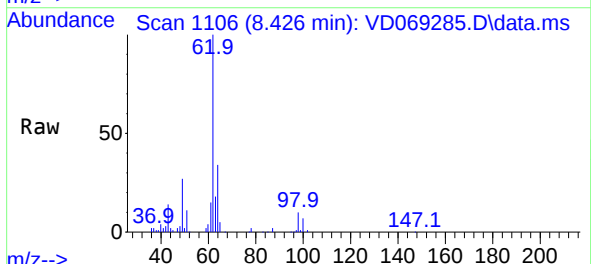


Tgt Ion: 41 Resp: 21346

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 63.7  | 50.6  | 76.0  |
| 67  | 107.7 | 86.2  | 129.4 |
| 52  | 38.9  | 32.3  | 48.5  |

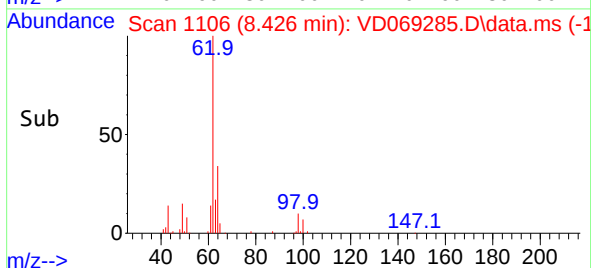
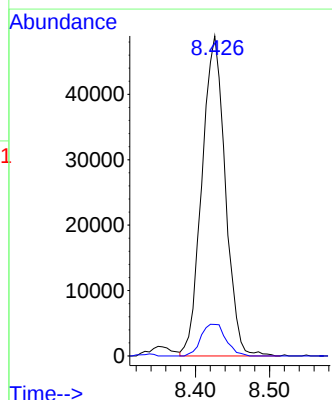


#42  
1,2-Dichloroethane  
Concen: 19.50 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



Tgt Ion: 62 Resp: 107118

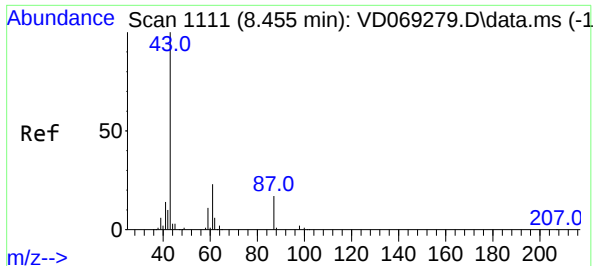
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.6  | 0.0   | 21.4  |



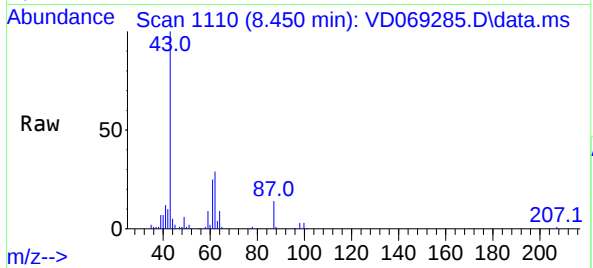
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

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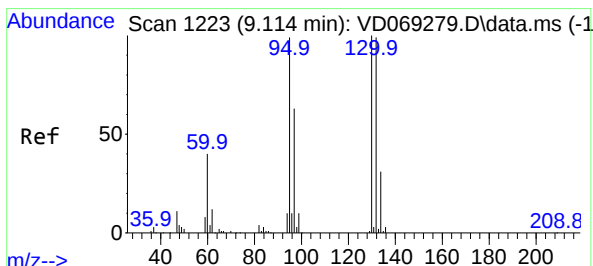
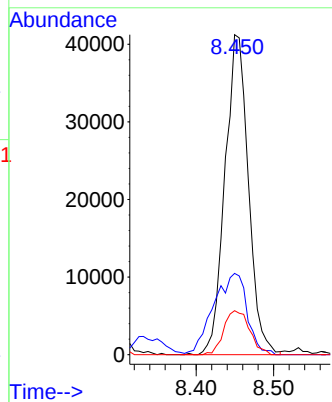
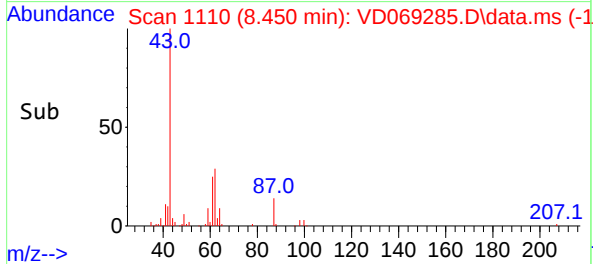
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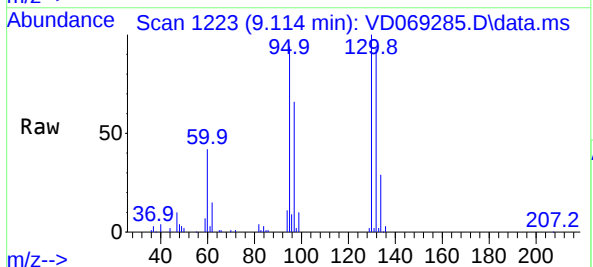
#43  
Isopropyl Acetate  
Concen: 19.83 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



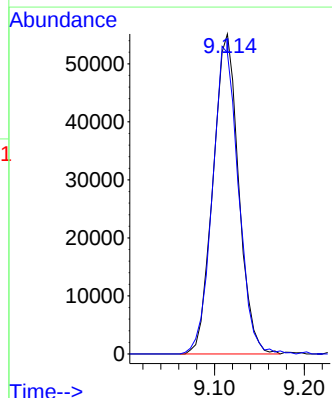
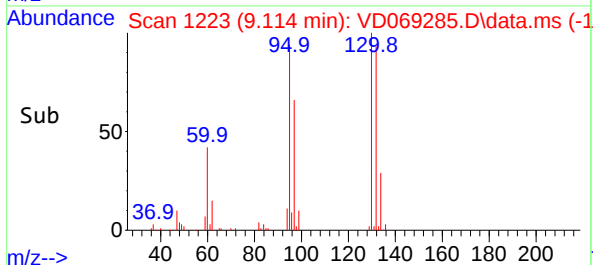
Tgt Ion: 43 Resp: 86859  
Ion Ratio Lower Upper  
43 100  
61 36.4 29.0 43.6  
87 15.2 12.7 19.1



#44  
Trichloroethene  
Concen: 19.49 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



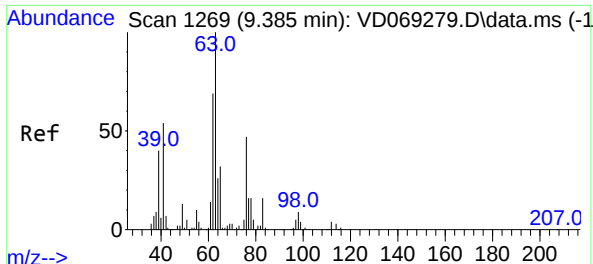
Tgt Ion: 130 Resp: 108990  
Ion Ratio Lower Upper  
130 100  
95 94.1 0.0 198.8



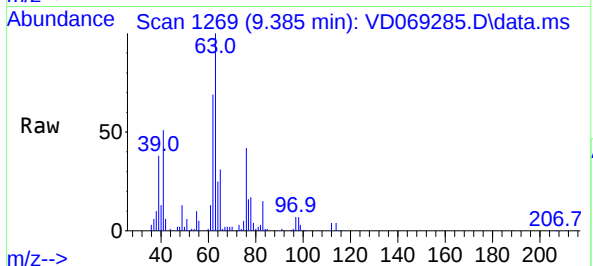
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

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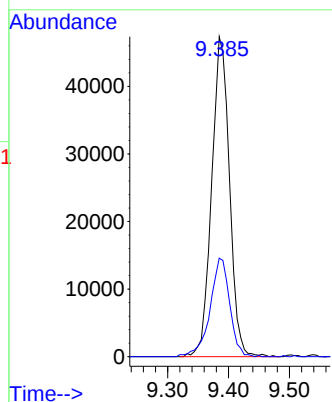
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#45  
1,2-Dichloropropane  
Concen: 19.64 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



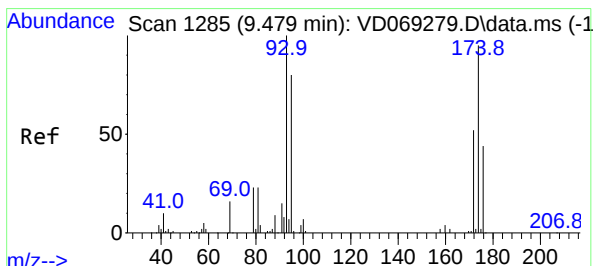
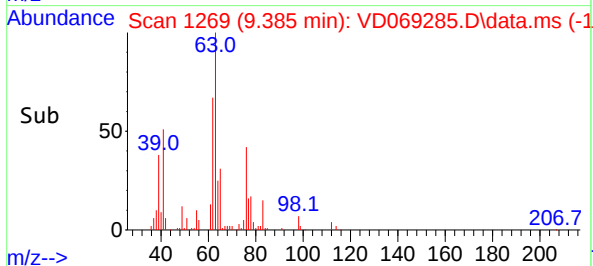
Tgt Ion: 63 Resp: 96269  
Ion Ratio Lower Upper  
63 100  
65 30.8 25.3 37.9



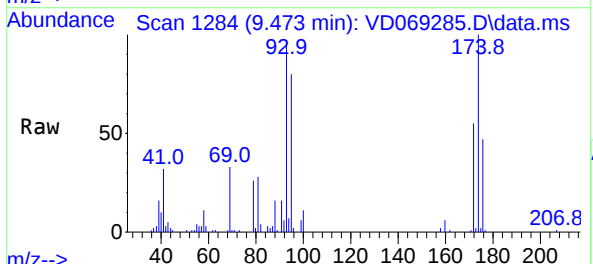
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

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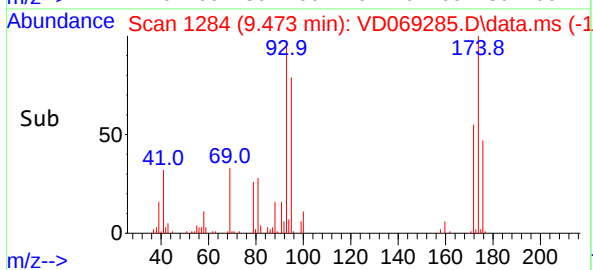
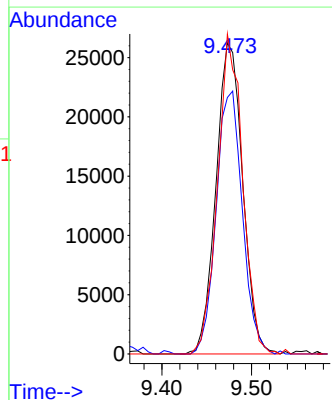
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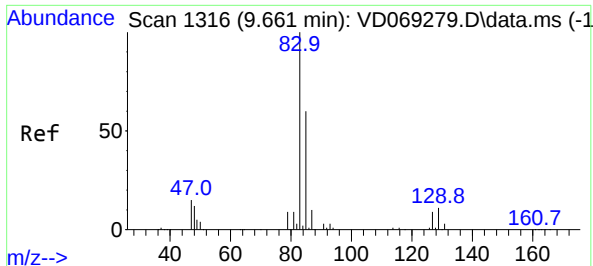


#46  
Dibromomethane  
Concen: 19.37 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



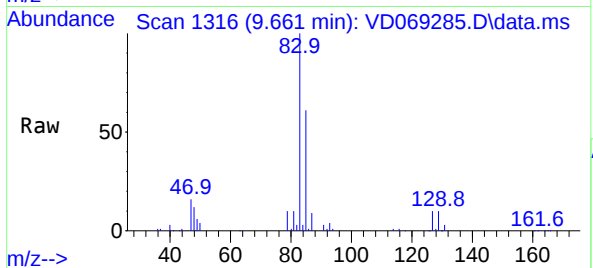
Tgt Ion: 93 Resp: 54258  
Ion Ratio Lower Upper  
93 100  
95 82.9 63.4 95.2  
174 96.5 74.5 111.7





#47  
Bromodichloromethane  
Concen: 19.66 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

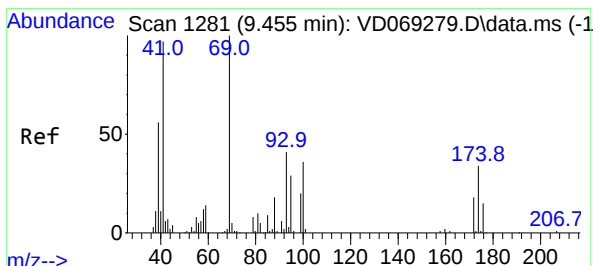
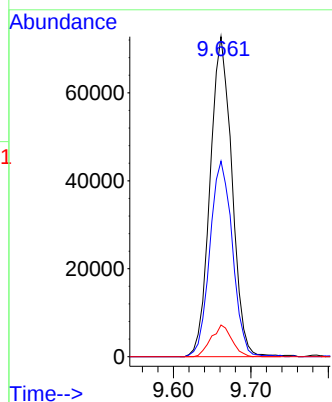
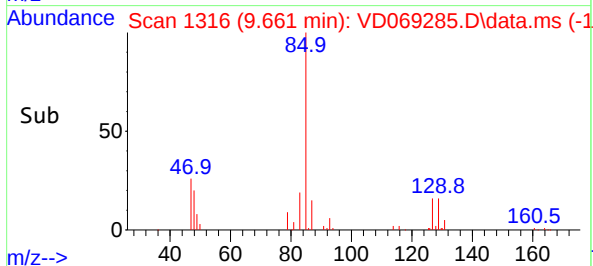
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



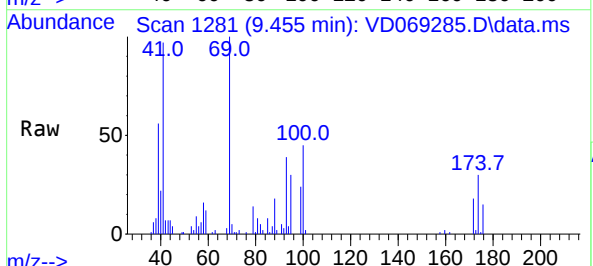
Tgt Ion: 83 Resp: 142017  
Ion Ratio Lower Upper  
83 100  
85 61.1 48.2 72.2  
127 9.9 7.1 10.7

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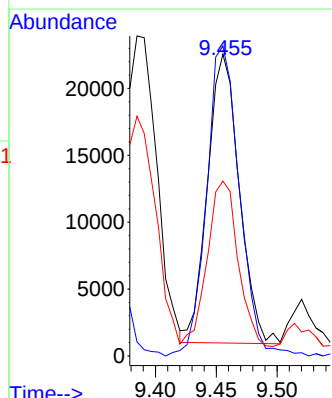
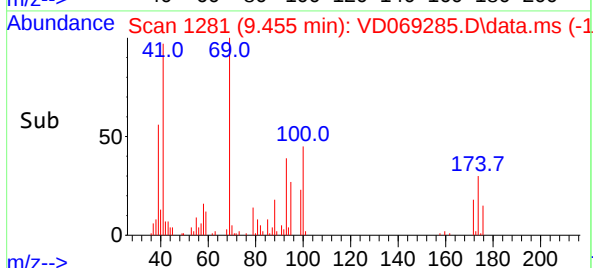
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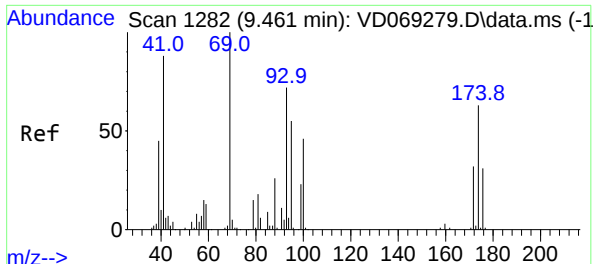


#48  
Methyl methacrylate  
Concen: 19.26 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

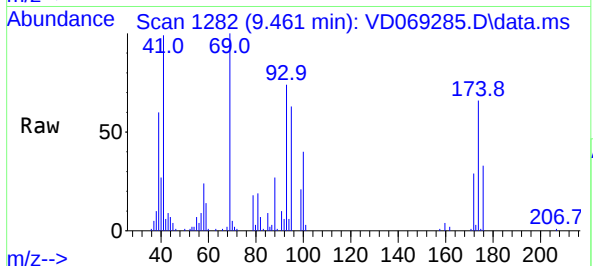


Tgt Ion: 41 Resp: 39173  
Ion Ratio Lower Upper  
41 100  
69 111.6 77.6 116.4  
39 63.8 45.3 67.9

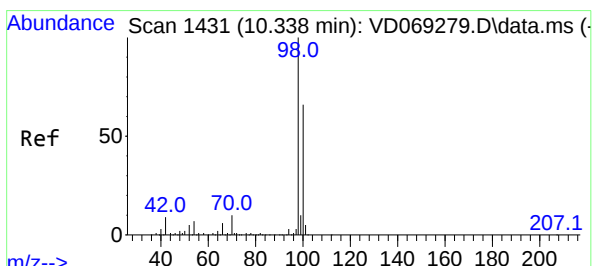
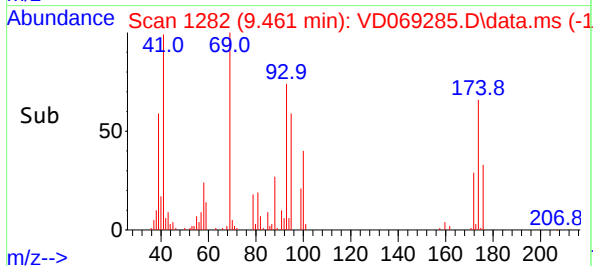
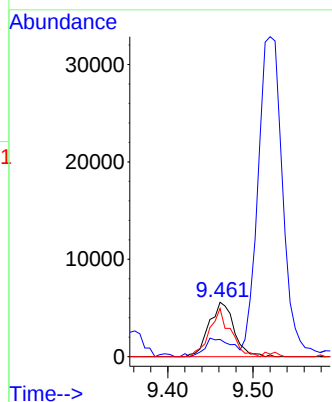




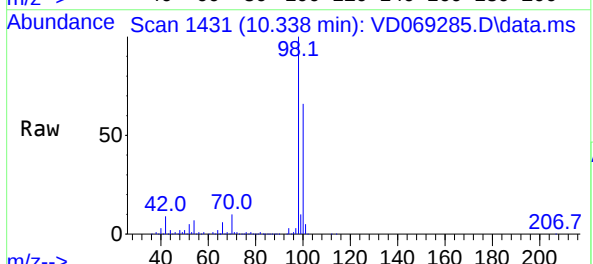
#49  
1,4-Dioxane  
Concen: 413.87 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



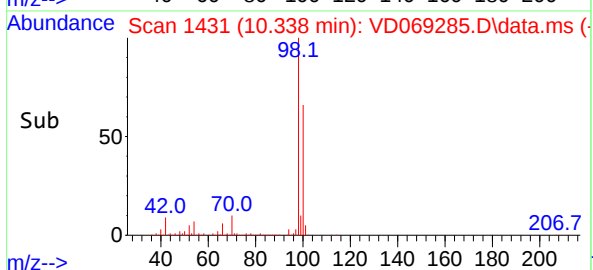
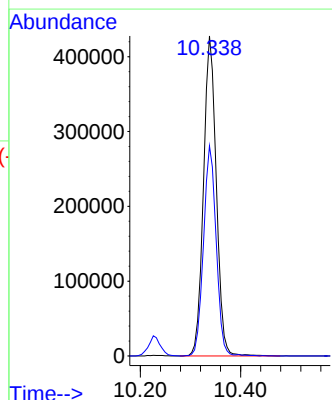
Tgt Ion: 88 Resp: 11389  
Ion Ratio Lower Upper  
88 100  
43 36.7 25.4 38.2  
58 74.3 50.2 75.4



#50  
Toluene-d8  
Concen: 45.49 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



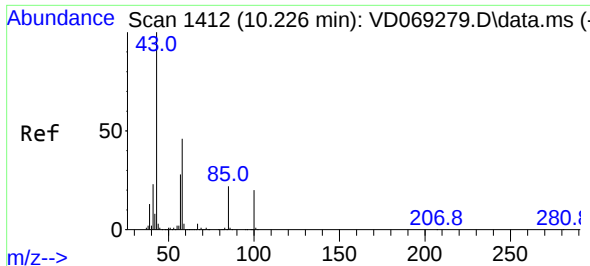
Tgt Ion: 98 Resp: 757560  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.1 78.1



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

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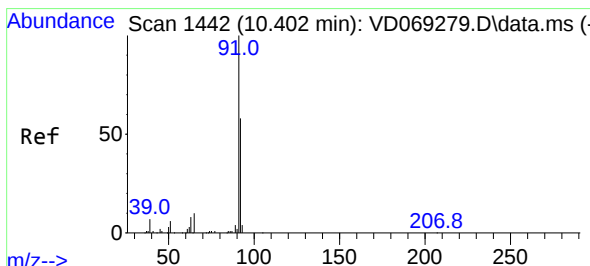
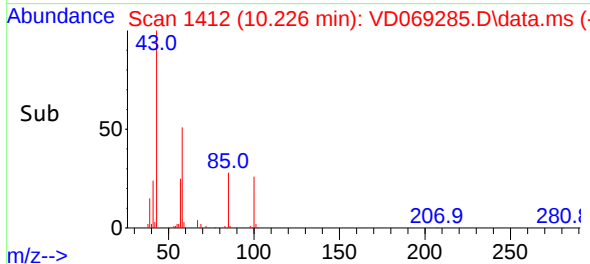
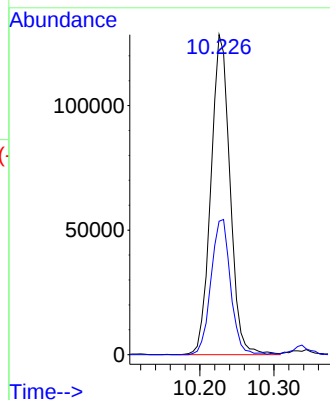
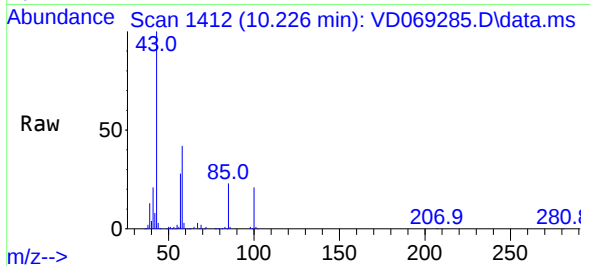
#51  
4-Methyl-2-Pentanone  
Concen: 101.72 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 43 Resp: 230128  
Ion Ratio Lower Upper  
43 100  
58 43.1 35.1 52.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

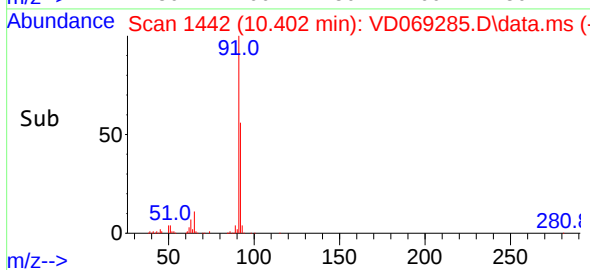
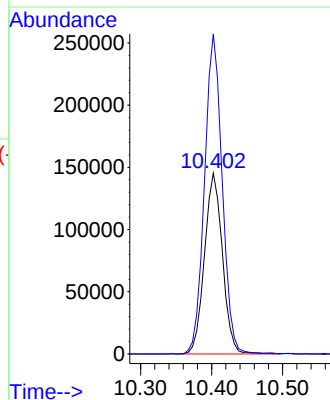
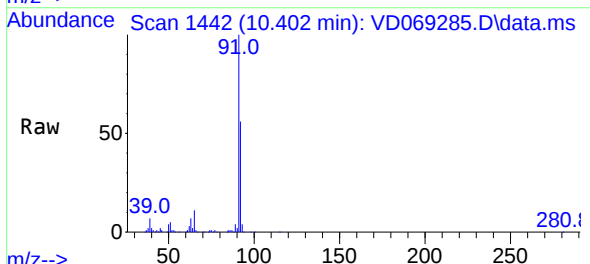
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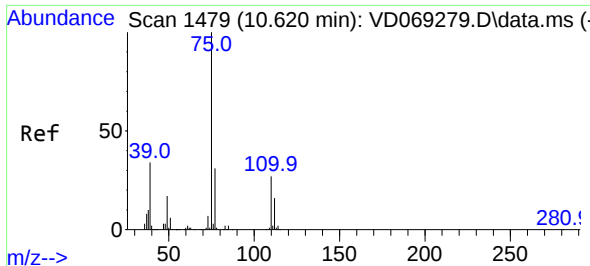
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#52  
Toluene  
Concen: 19.68 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 92 Resp: 255690  
Ion Ratio Lower Upper  
92 100  
91 174.6 138.4 207.6





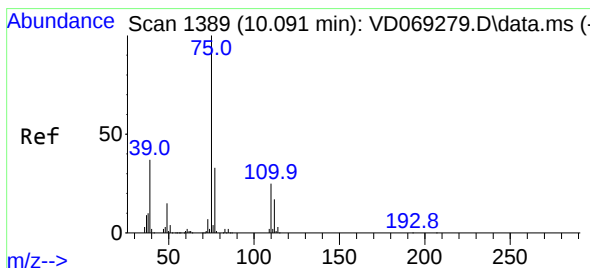
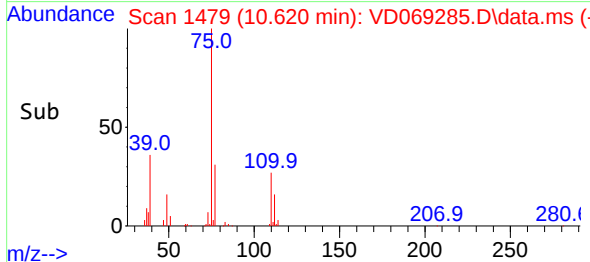
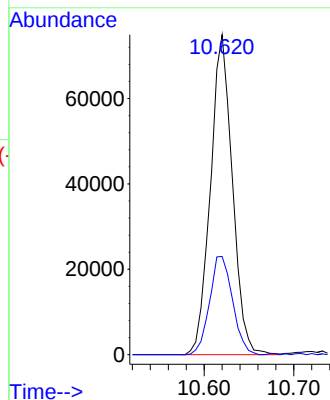
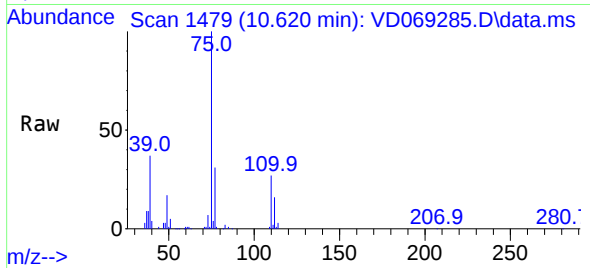
#53  
t-1,3-Dichloropropene  
Concen: 19.73 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 75 Resp: 127319  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

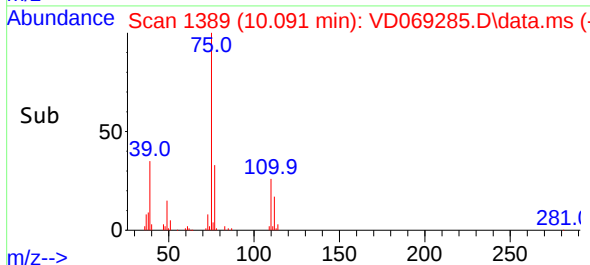
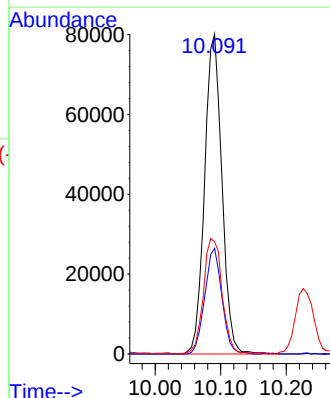
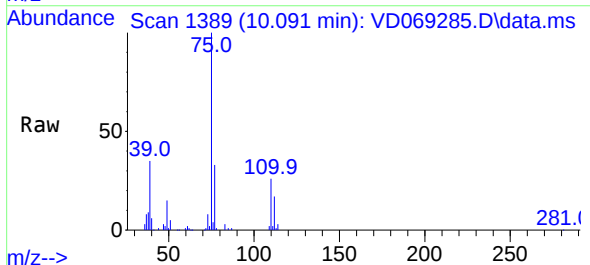
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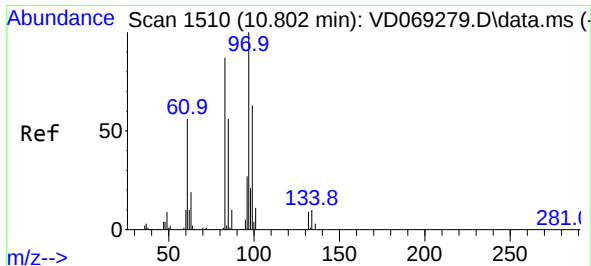
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#54  
cis-1,3-Dichloropropene  
Concen: 19.16 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

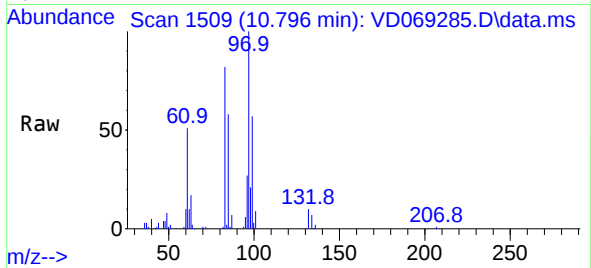
Tgt Ion: 75 Resp: 147342  
Ion Ratio Lower Upper  
75 100  
77 33.0 26.2 39.2  
39 35.0 29.7 44.5





#55  
1,1,2-Trichloroethane  
Concen: 20.66 ug/l  
RT: 10.796 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

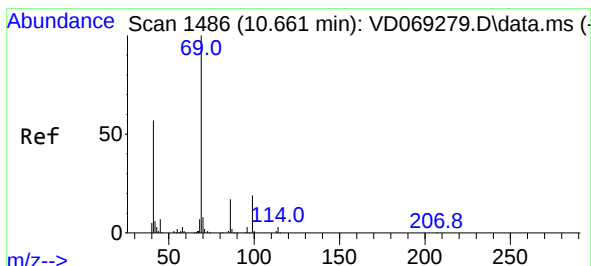
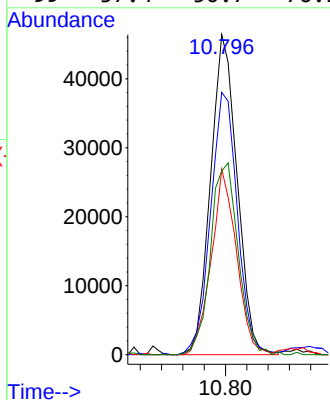
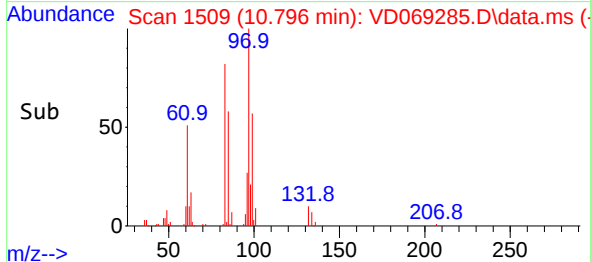


Tgt Ion: 97 Resp: 80298

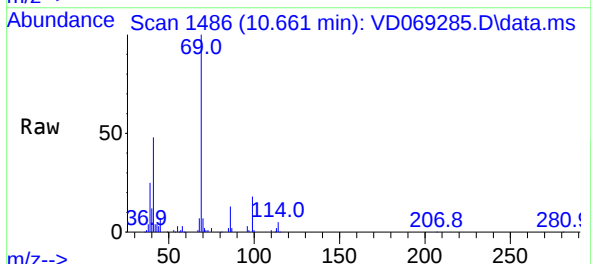
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.0  | 69.4  | 104.0 |
| 85  | 58.0  | 44.5  | 66.7  |
| 99  | 57.4  | 50.7  | 76.1  |

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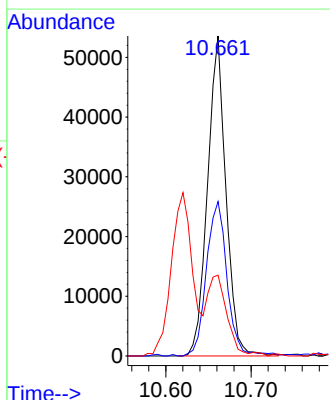
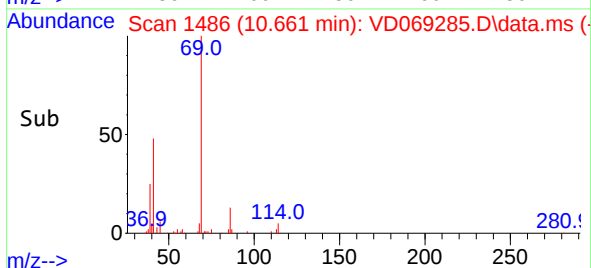


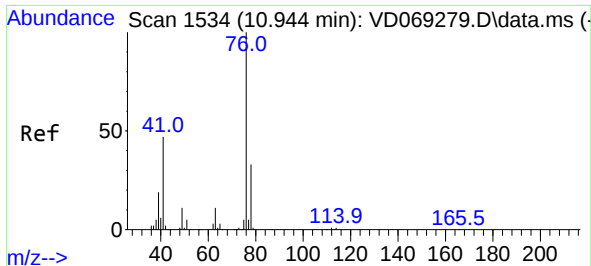
#56  
Ethyl methacrylate  
Concen: 19.84 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



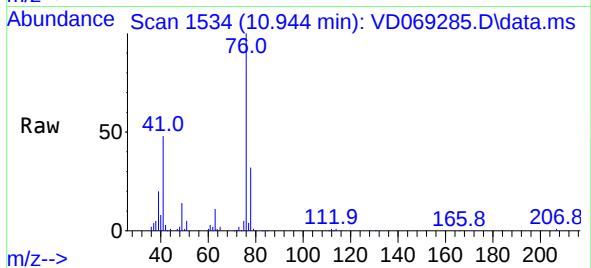
Tgt Ion: 69 Resp: 80466

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 54.3  | 45.4  | 68.2  |
| 39  | 26.6  | 21.7  | 32.5  |

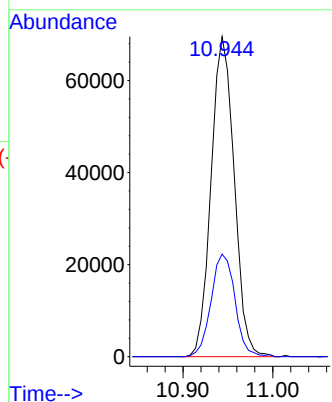




#57  
1,3-Dichloropropane  
Concen: 19.73 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



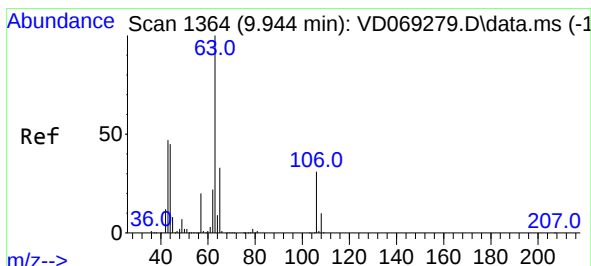
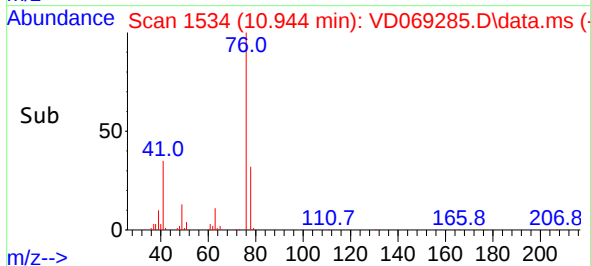
Tgt Ion: 76 Resp: 124312  
Ion Ratio Lower Upper  
76 100  
78 33.2 26.2 39.2



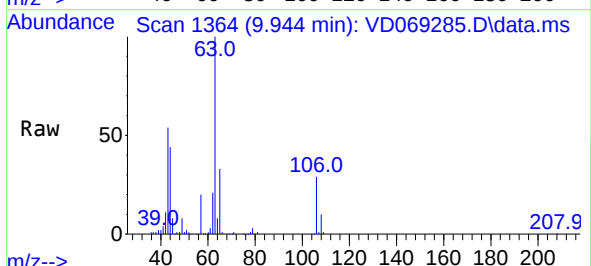
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

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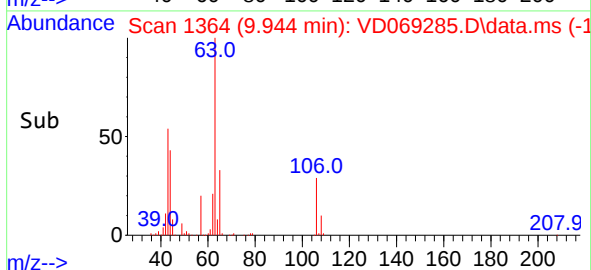
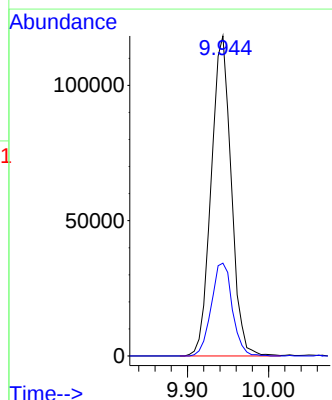
MMDadoda  
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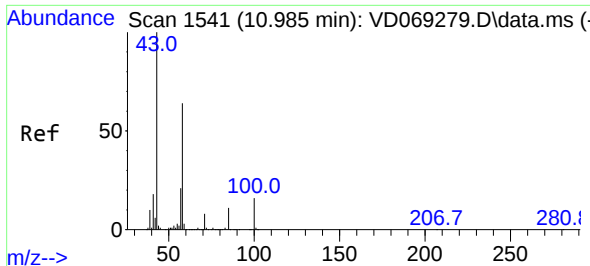


#58  
2-Chloroethyl Vinyl ether  
Concen: 111.34 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



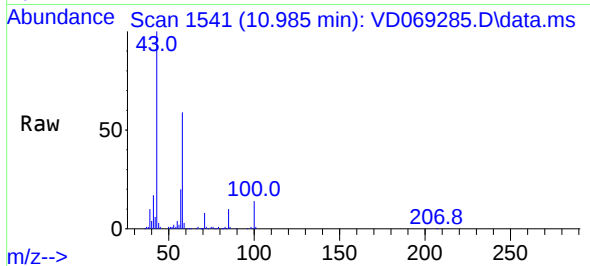
Tgt Ion: 63 Resp: 202598  
Ion Ratio Lower Upper  
63 100  
106 30.5 24.8 37.2





#59  
2-Hexanone  
Concen: 101.30 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

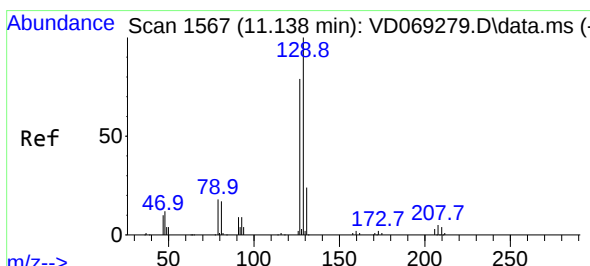
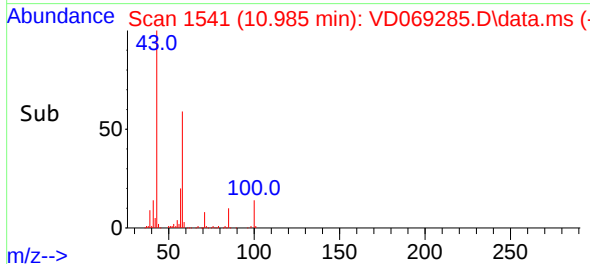
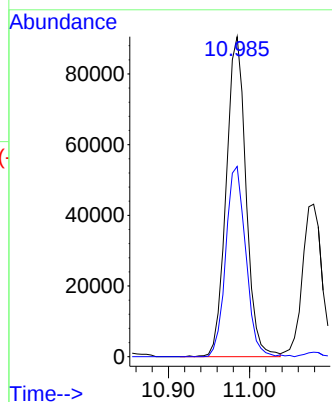
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



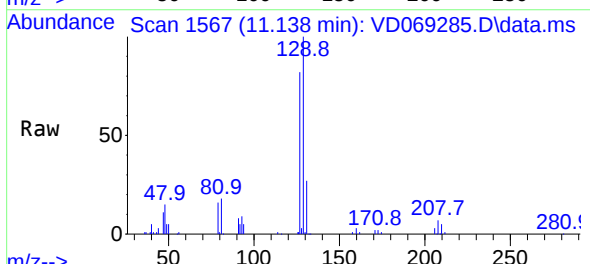
Tgt Ion: 43 Resp: 153193  
Ion Ratio Lower Upper  
43 100  
58 60.2 30.8 92.3

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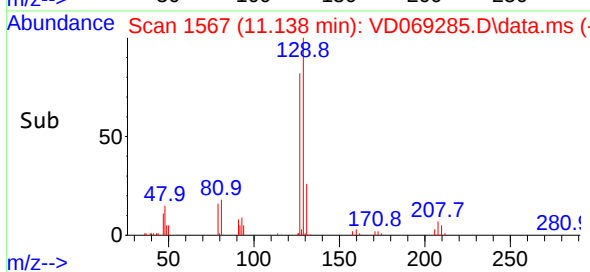
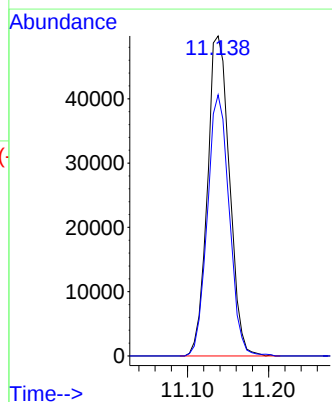
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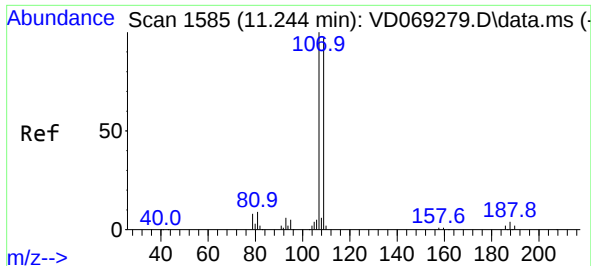


#60  
Dibromochloromethane  
Concen: 19.18 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



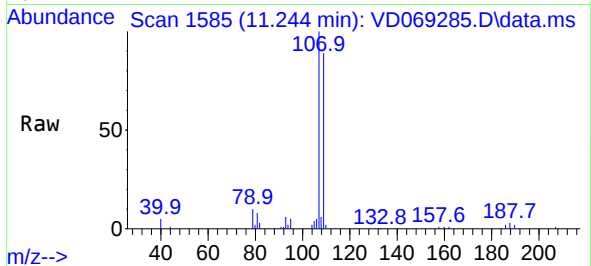
Tgt Ion: 129 Resp: 93933  
Ion Ratio Lower Upper  
129 100  
127 80.8 39.6 118.7





#61  
1,2-Dibromoethane  
Concen: 20.09 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

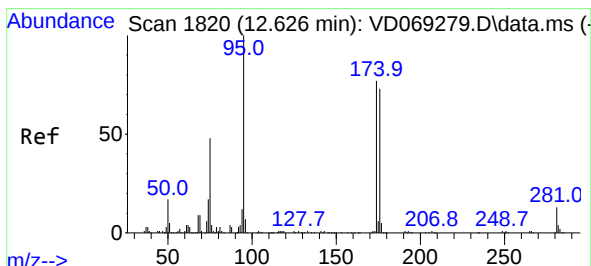
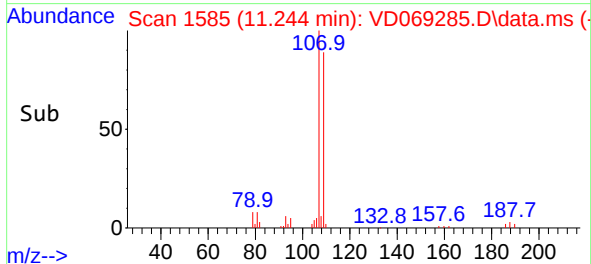
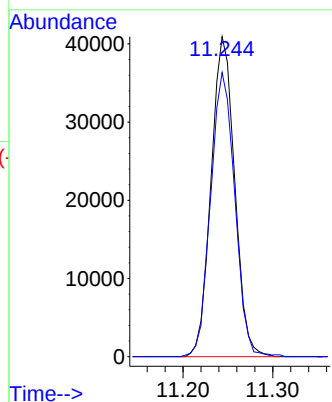
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



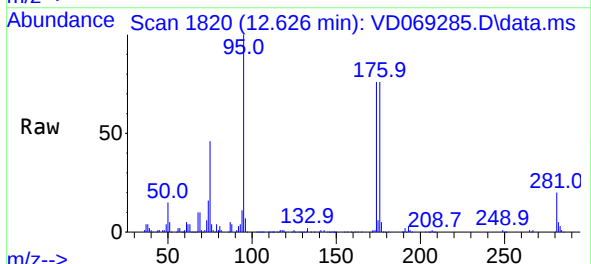
Tgt Ion:107 Resp: 74459  
Ion Ratio Lower Upper  
107 100  
109 91.3 75.9 113.9

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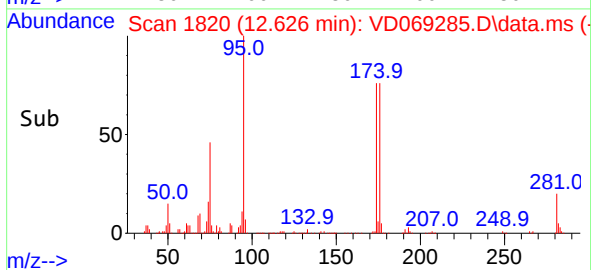
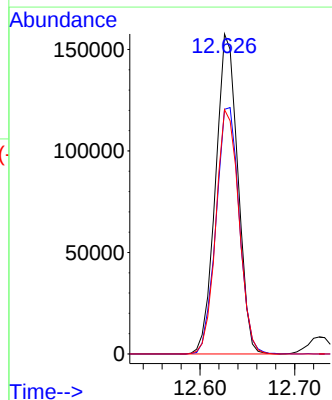
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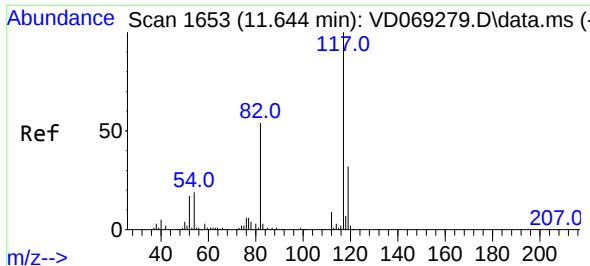


#62  
4-Bromofluorobenzene  
Concen: 47.17 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



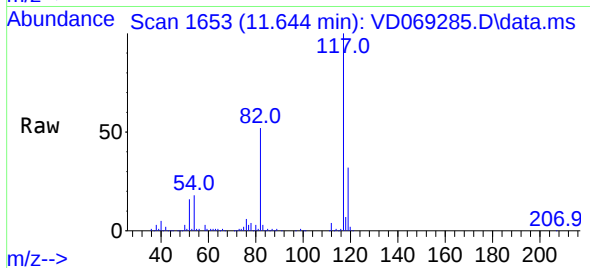
Tgt Ion: 95 Resp: 257358  
Ion Ratio Lower Upper  
95 100  
174 80.2 0.0 162.8  
176 78.6 0.0 154.4





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

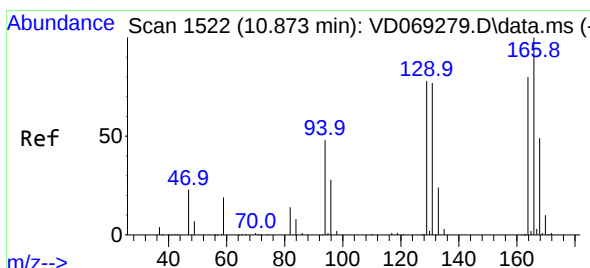
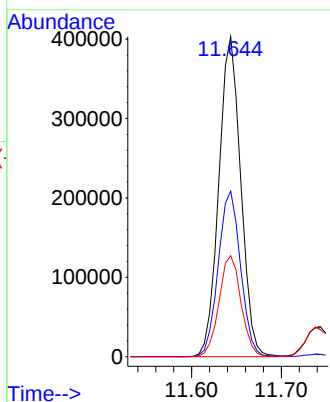
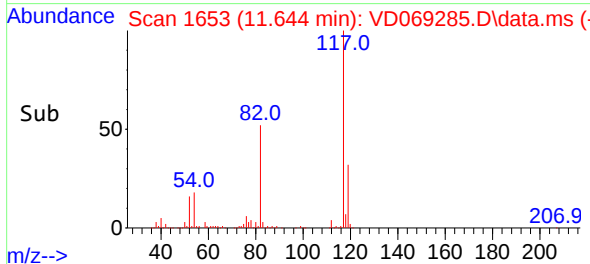
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



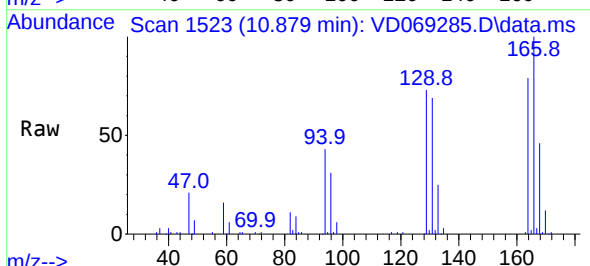
Tgt Ion:117 Resp: 683815  
Ion Ratio Lower Upper  
117 100  
82 51.8 43.3 64.9  
119 31.5 25.3 37.9

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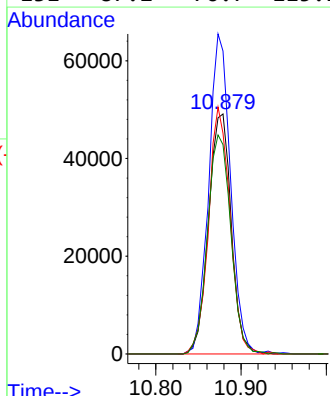
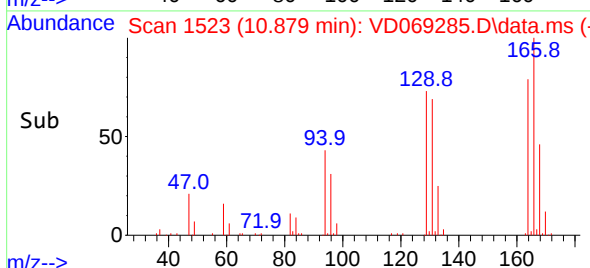
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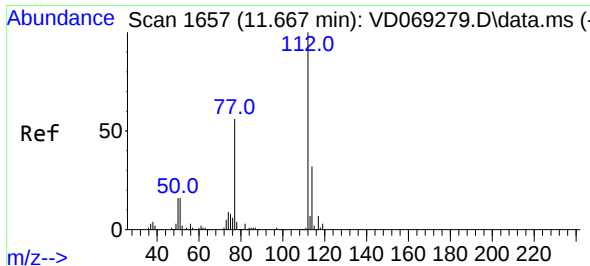


#64  
Tetrachloroethene  
Concen: 19.06 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



Tgt Ion:164 Resp: 90711  
Ion Ratio Lower Upper  
164 100  
166 126.2 100.2 150.4  
129 92.0 78.1 117.1  
131 87.2 76.7 115.1





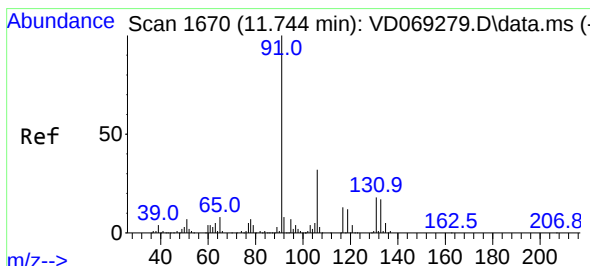
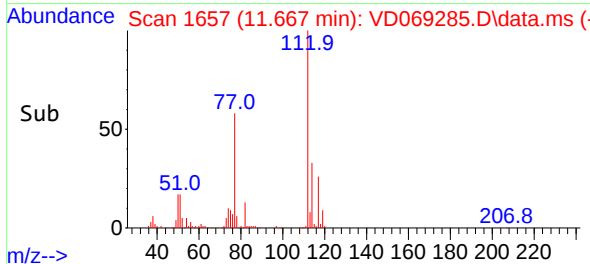
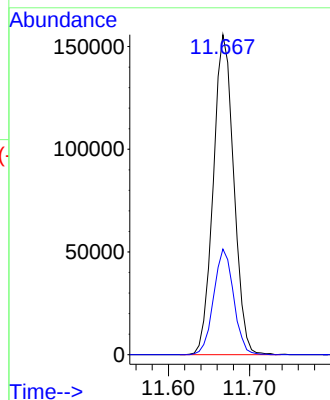
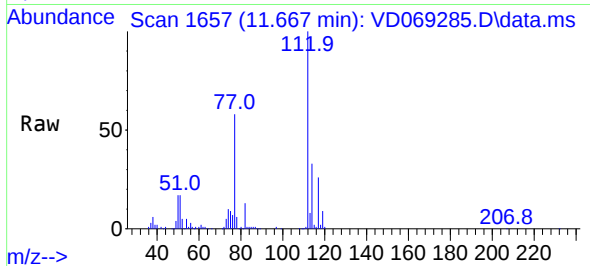
#65  
Chlorobenzene  
Concen: 19.57 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion:112 Resp: 273514  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.6 38.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

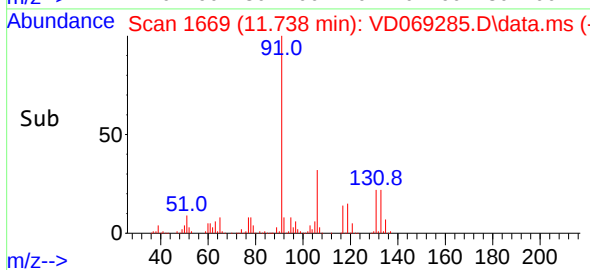
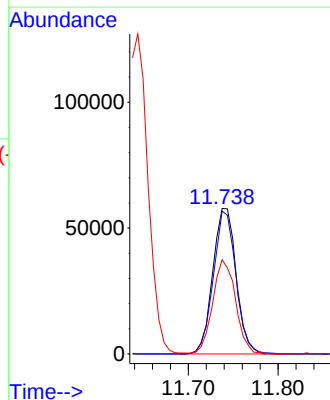
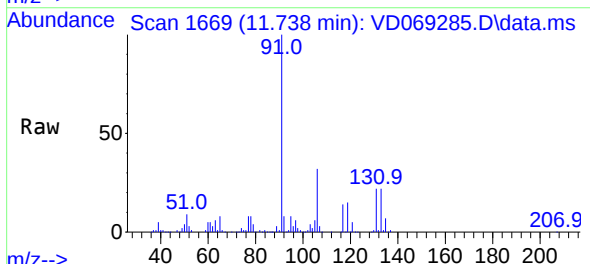
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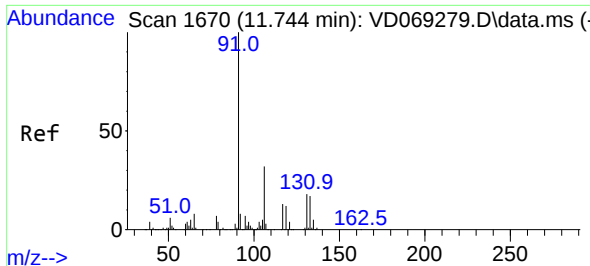
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.88 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion:131 Resp: 104067  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.4 142.2  
119 63.7 32.8 98.3





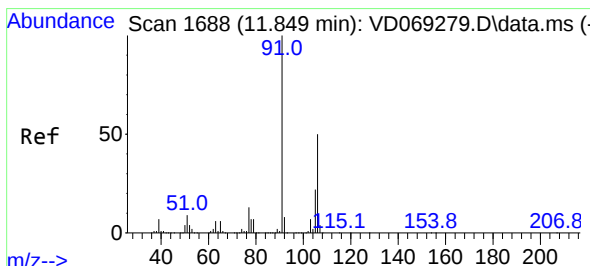
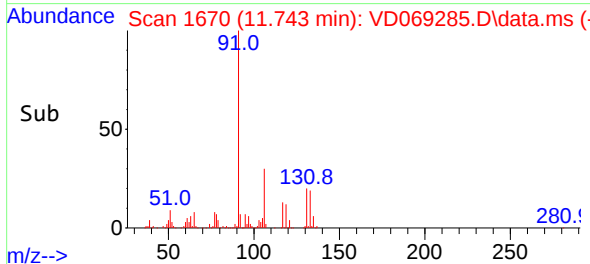
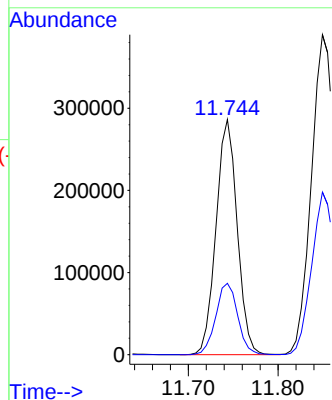
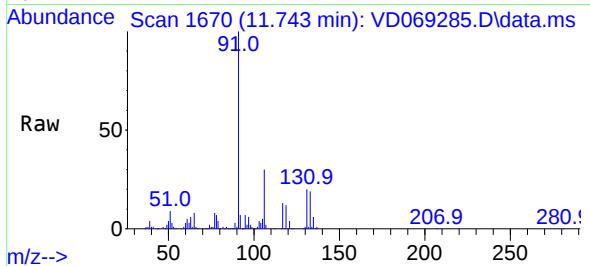
#67  
Ethyl Benzene  
Concen: 19.53 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 91 Resp: 468896  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.9 38.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

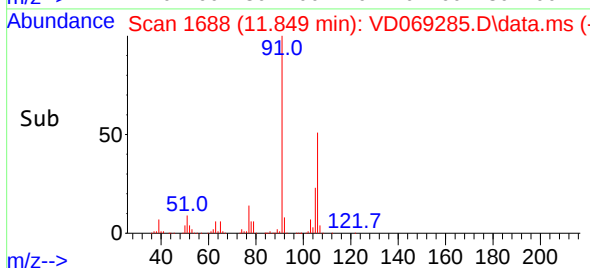
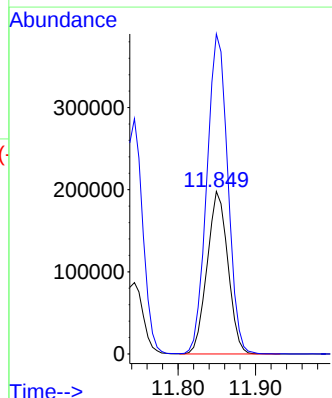
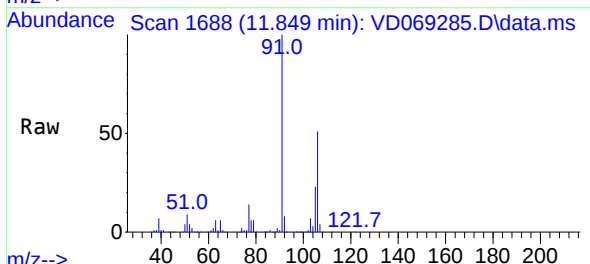
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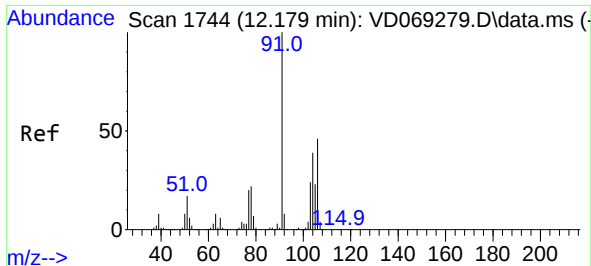
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#68  
m/p-Xylenes  
Concen: 39.18 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 106 Resp: 368617  
Ion Ratio Lower Upper  
106 100  
91 198.3 158.3 237.5





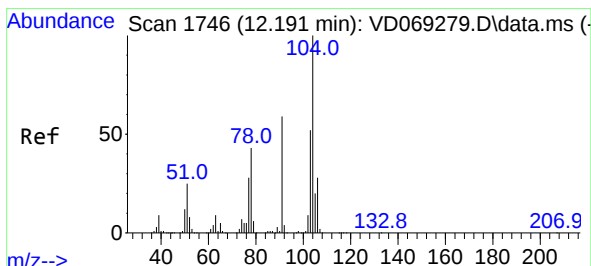
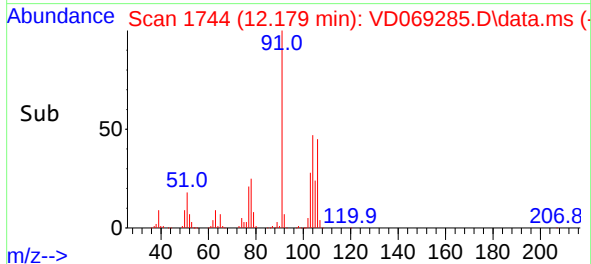
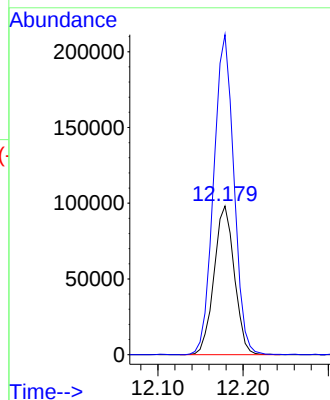
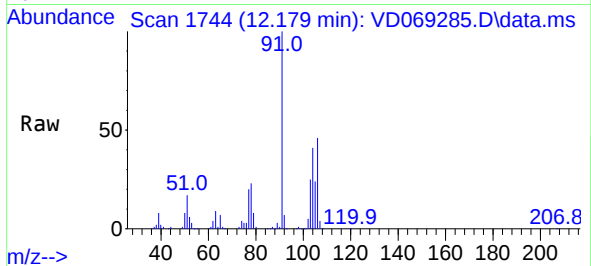
#69  
o-Xylene  
Concen: 19.54 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion:106 Resp: 162600  
Ion Ratio Lower Upper  
106 100  
91 214.9 105.5 316.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

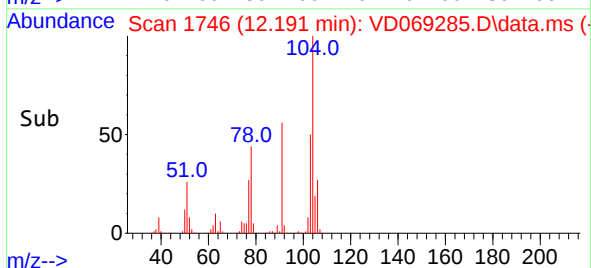
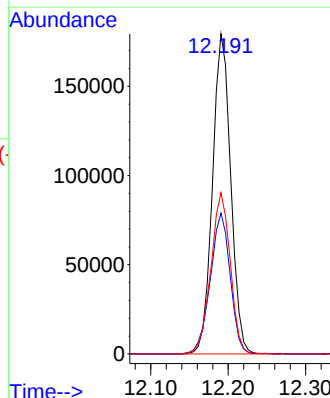
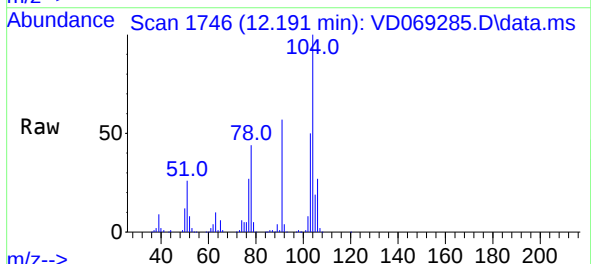
Manual Integrations  
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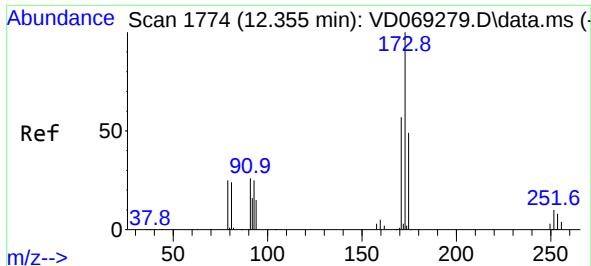
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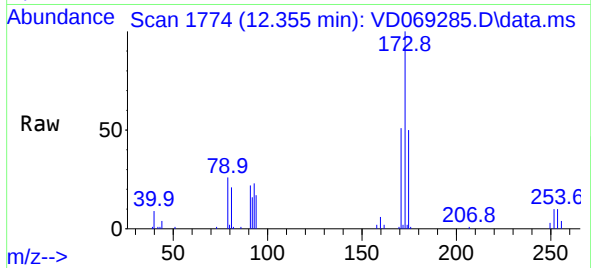
#70  
Styrene  
Concen: 20.32 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion:104 Resp: 293466  
Ion Ratio Lower Upper  
104 100  
78 48.0 37.5 56.3  
103 53.7 44.3 66.5

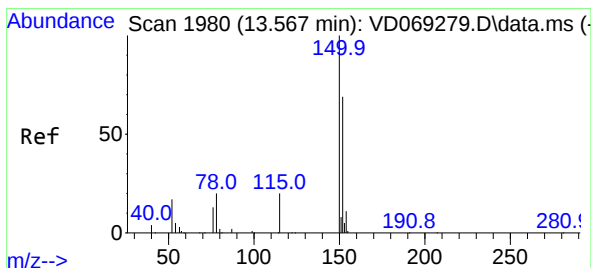
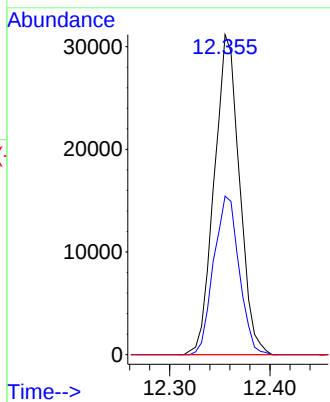
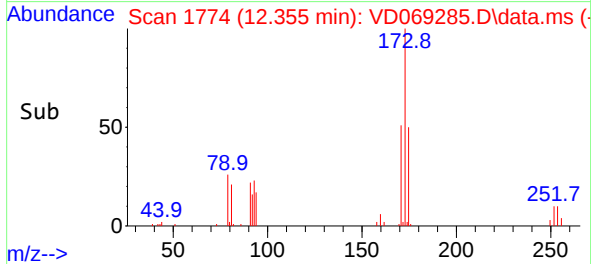




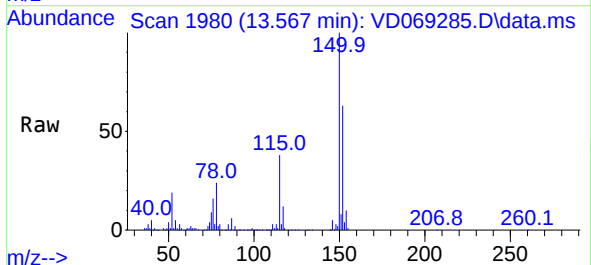
#71  
Bromoform  
Concen: 20.04 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



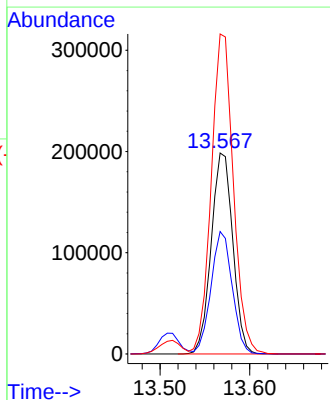
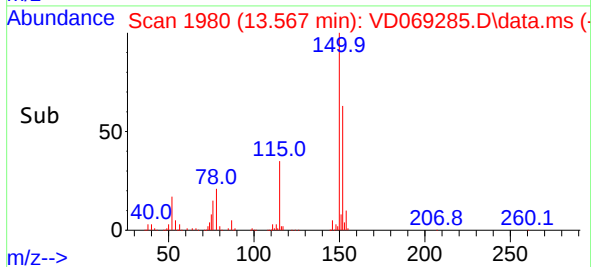
Tgt Ion:173 Resp: 54412  
Ion Ratio Lower Upper  
173 100  
175 50.0 23.8 71.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



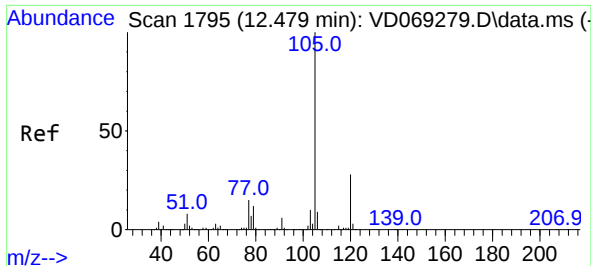
Tgt Ion:152 Resp: 331709  
Ion Ratio Lower Upper  
152 100  
115 59.8 29.4 88.3  
150 163.1 0.0 355.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

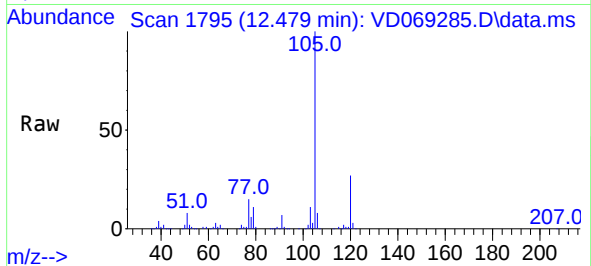
Manual Integrations  
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#73  
Isopropylbenzene  
Concen: 19.97 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

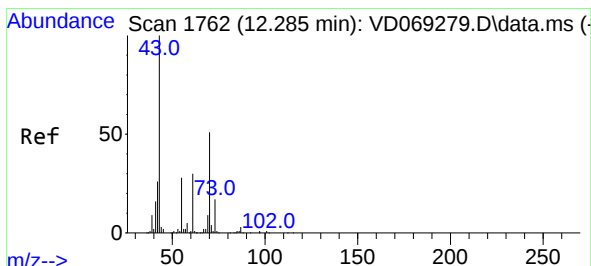
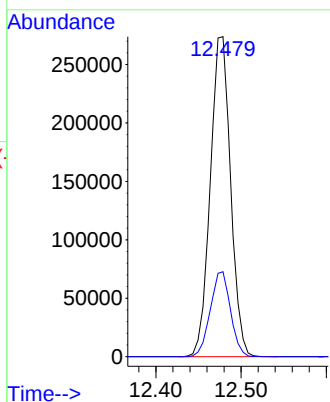
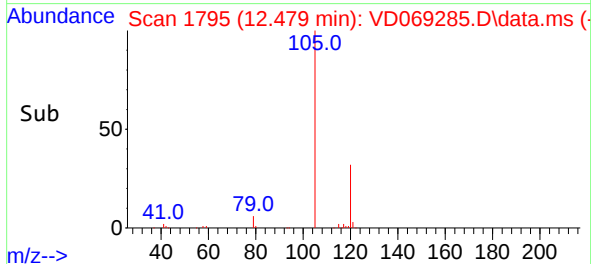
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



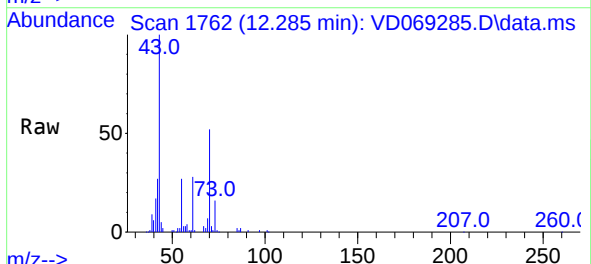
Tgt Ion:105 Resp: 453286  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.5 40.5

Manual Integrations  
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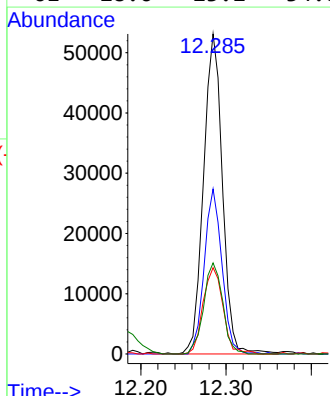
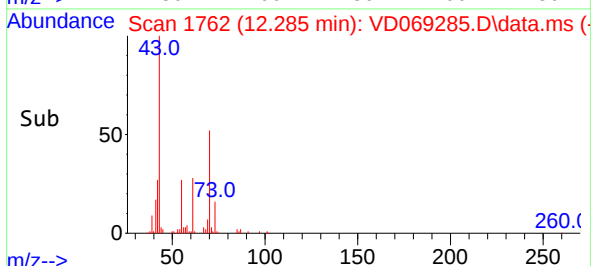
MMDadoda  
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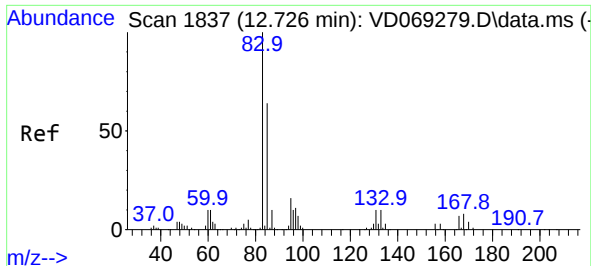


#74  
N-ethyl acetate  
Concen: 20.48 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



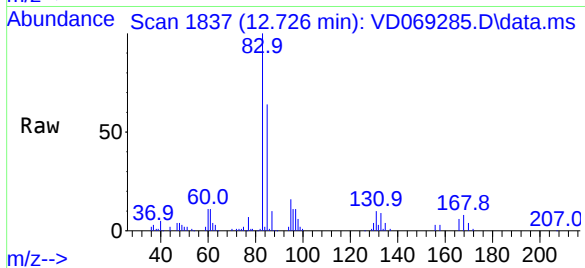
Tgt Ion: 43 Resp: 82124  
Ion Ratio Lower Upper  
43 100  
70 48.3 40.9 61.3  
55 28.3 23.4 35.0  
61 28.6 23.2 34.8





#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.92 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

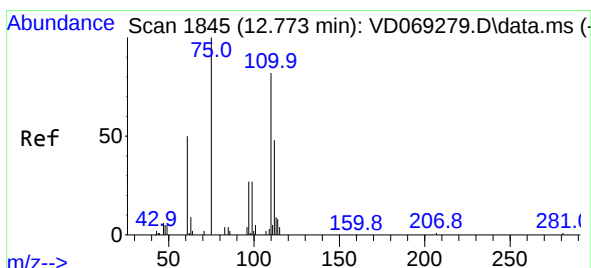
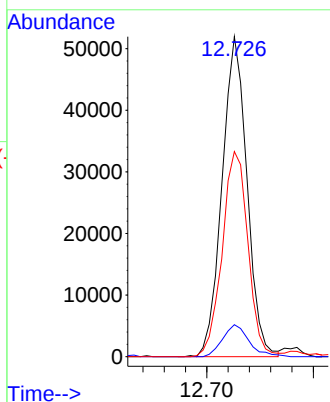
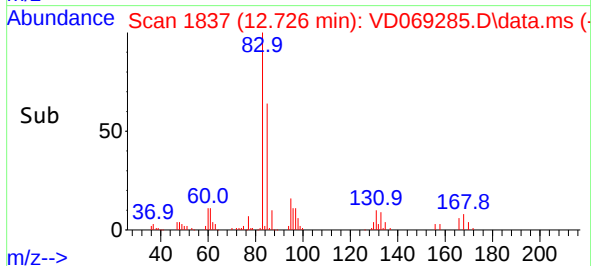
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



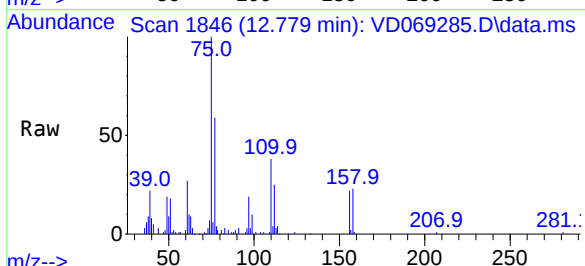
Tgt Ion: 83 Resp: 84410  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.3 16.1  
85 66.2 32.6 98.0

Manual Integrations  
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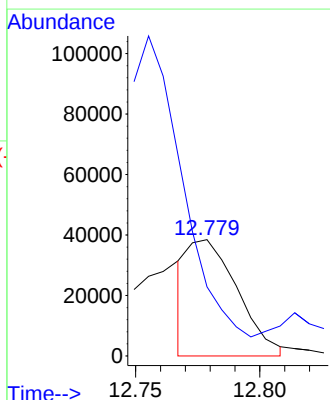
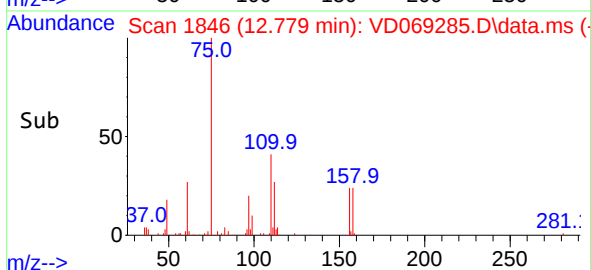
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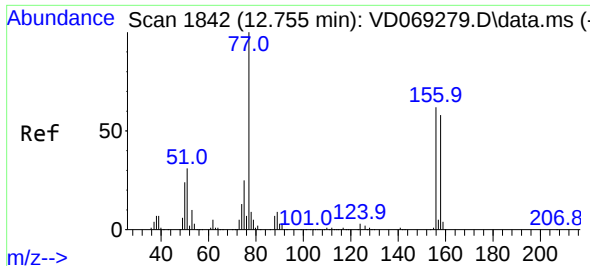


#76  
1,2,3-Trichloropropane  
Concen: 18.64 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. 0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



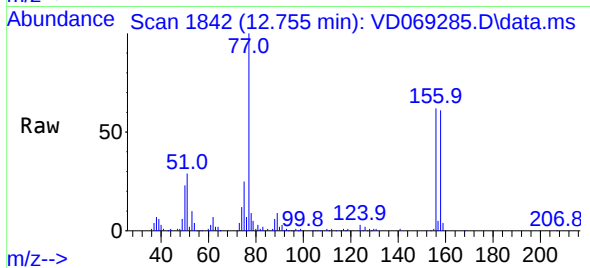
Tgt Ion: 75 Resp: 53730  
Ion Ratio Lower Upper  
75 100  
77 0.0 183.8 551.2#





#77  
Bromobenzene  
Concen: 19.64 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

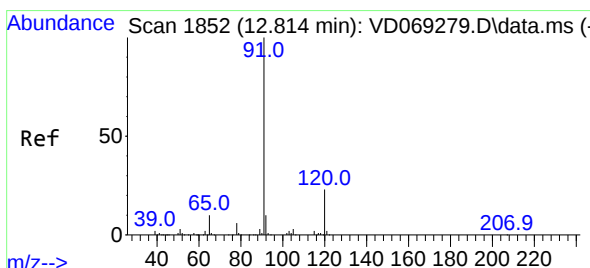
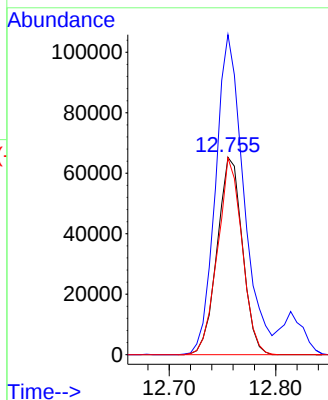
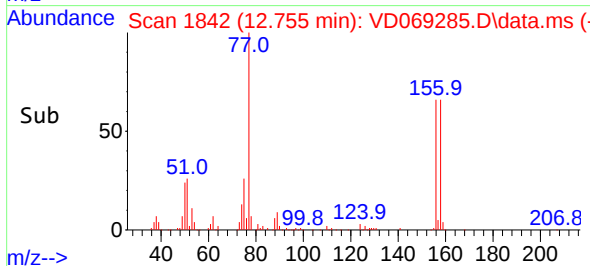
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



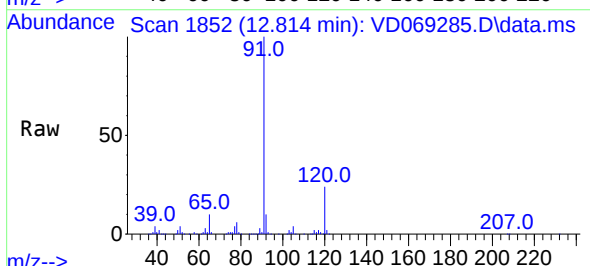
Tgt Ion:156 Resp: 107361  
Ion Ratio Lower Upper  
156 100  
77 180.7 89.3 267.9  
158 97.0 48.0 144.2

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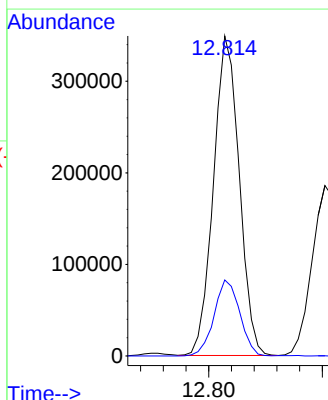
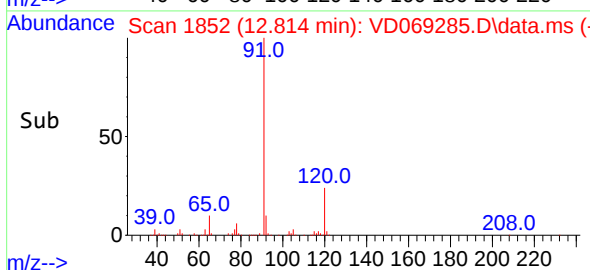
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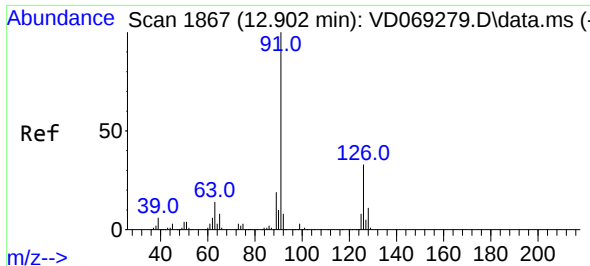


#78  
n-propylbenzene  
Concen: 19.74 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



Tgt Ion: 91 Resp: 549545  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.6 34.8





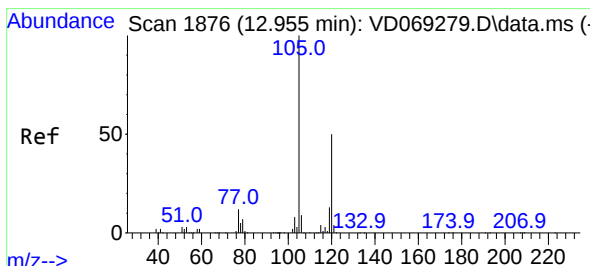
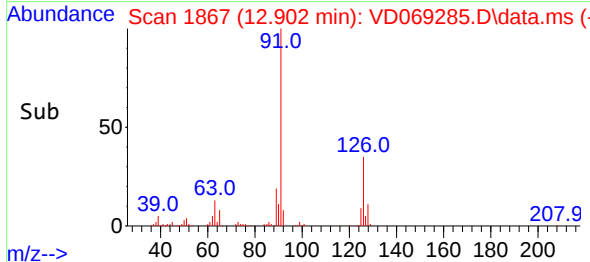
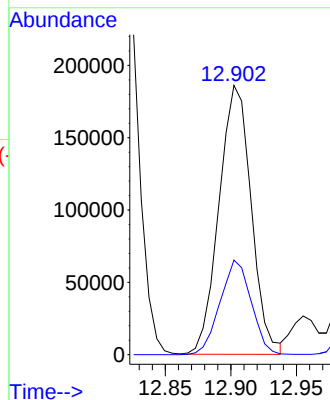
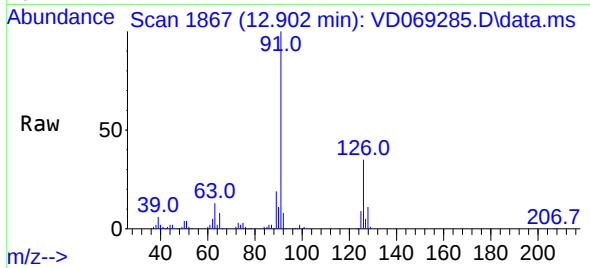
#79  
2-Chlorotoluene  
Concen: 20.11 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

Tgt Ion: 91 Resp: 318228  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.8 50.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

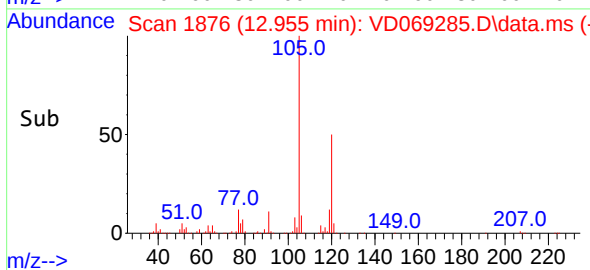
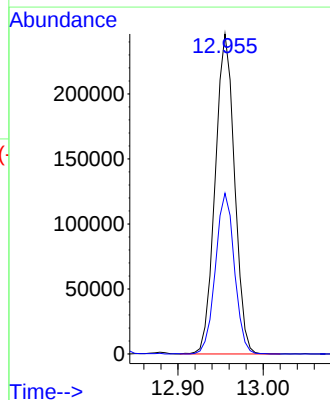
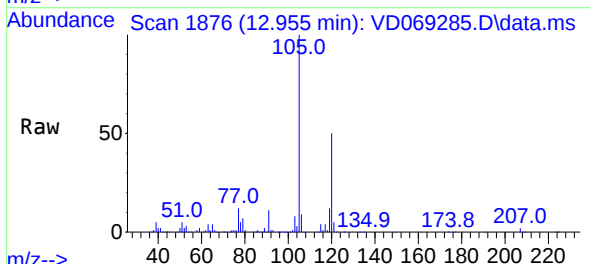
Manual Integrations  
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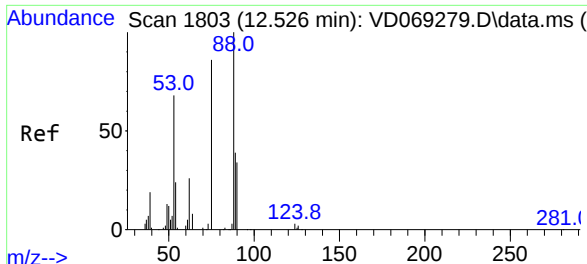
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#80  
1,3,5-Trimethylbenzene  
Concen: 20.22 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

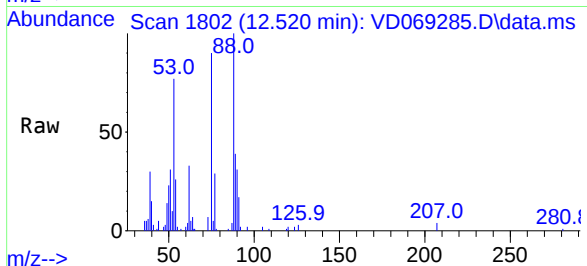
Tgt Ion: 105 Resp: 388847  
Ion Ratio Lower Upper  
105 100  
120 49.1 24.9 74.7





#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.14 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

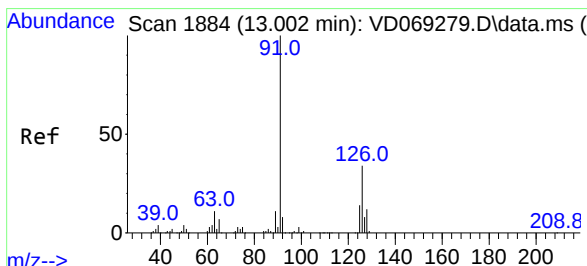
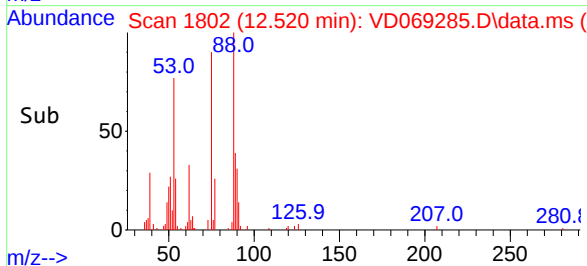
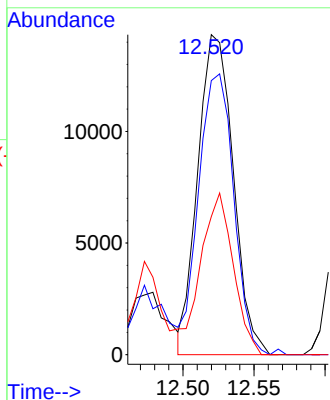
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



Tgt Ion: 75 Resp: 24893  
Ion Ratio Lower Upper  
75 100  
53 86.9 62.6 94.0  
89 46.2 35.6 53.4

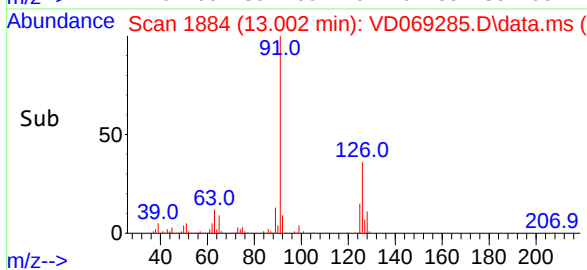
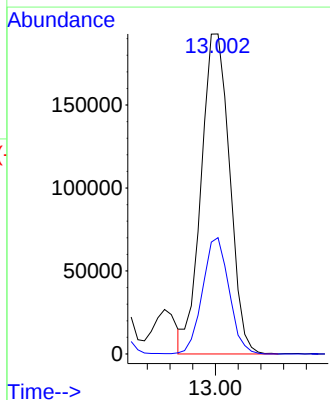
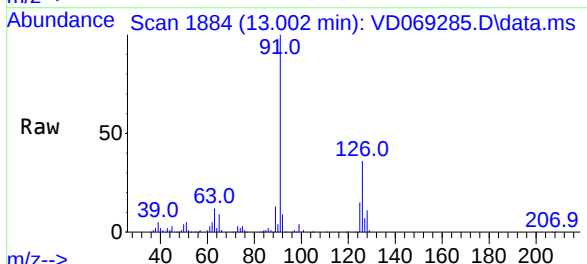
Manual Integrations  
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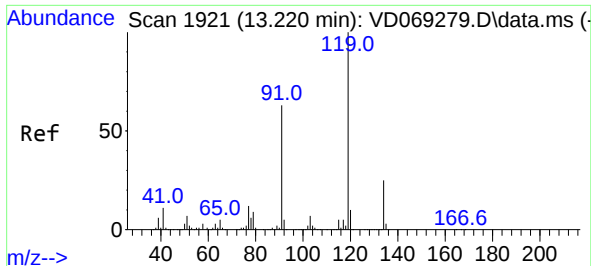
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#82  
4-Chlorotoluene  
Concen: 20.18 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

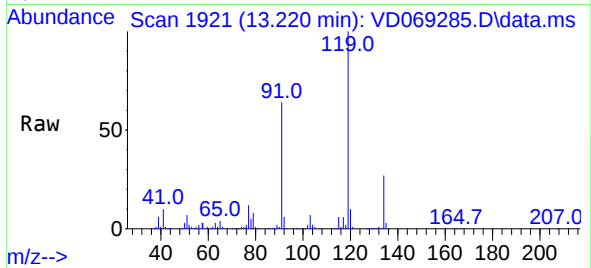
Tgt Ion: 91 Resp: 335962  
Ion Ratio Lower Upper  
91 100  
126 33.8 17.4 52.2





#83  
tert-Butylbenzene  
Concen: 20.07 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

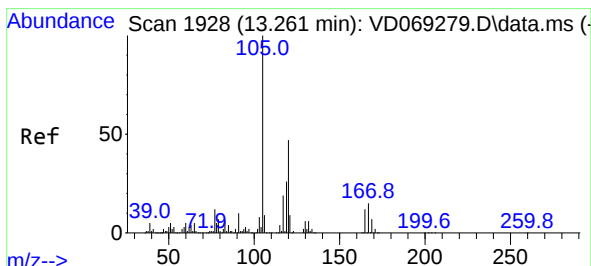
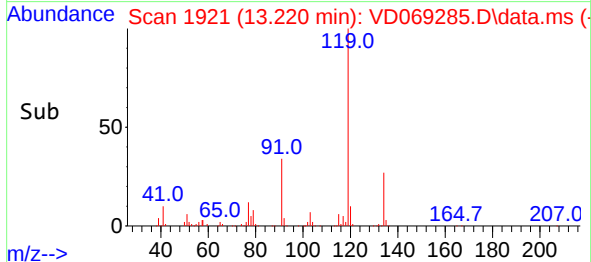
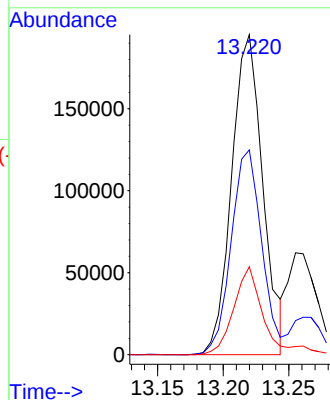
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



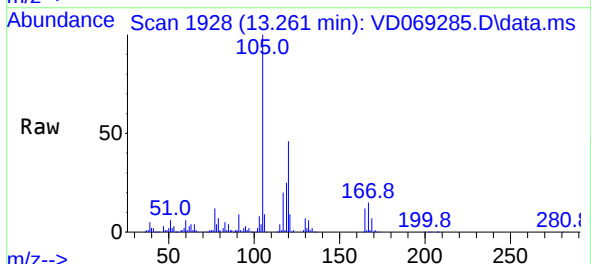
Tgt Ion:119 Resp: 323096  
Ion Ratio Lower Upper  
119 100  
91 62.6 31.7 95.1  
134 26.5 13.4 40.1

Manual Integrations  
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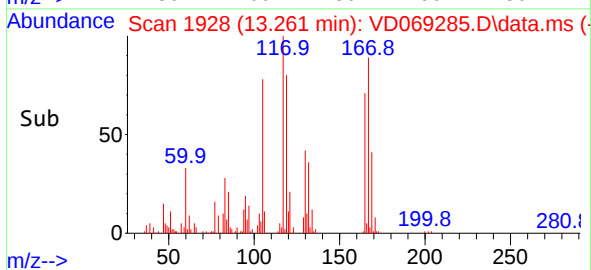
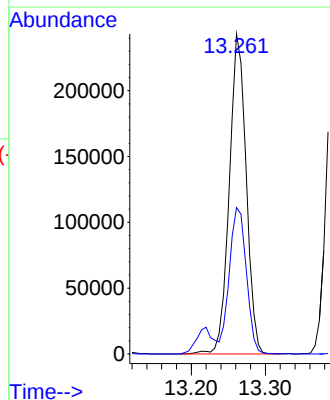
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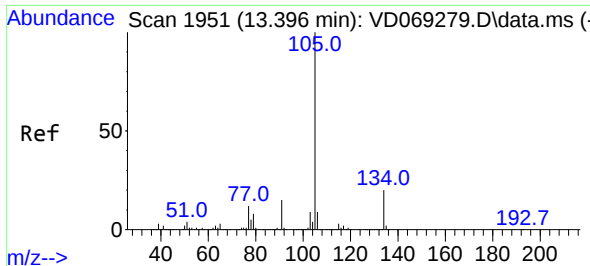


#84  
1,2,4-Trimethylbenzene  
Concen: 20.11 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



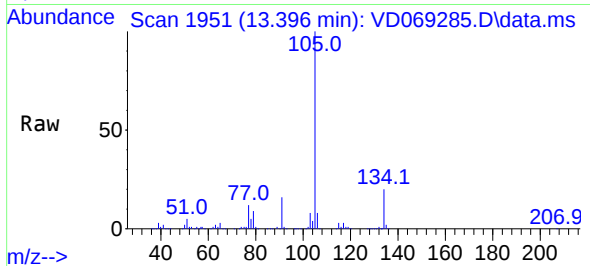
Tgt Ion:105 Resp: 384527  
Ion Ratio Lower Upper  
105 100  
120 45.9 22.6 67.8





#85  
sec-Butylbenzene  
Concen: 19.85 ug/l  
RT: 13.396 min Scan# 1951  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

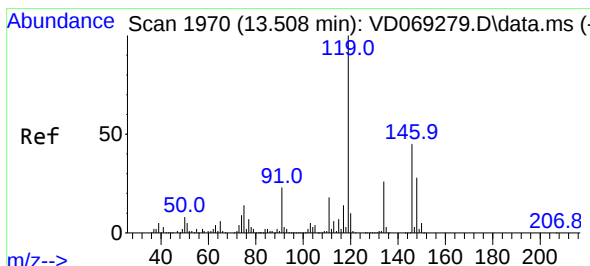
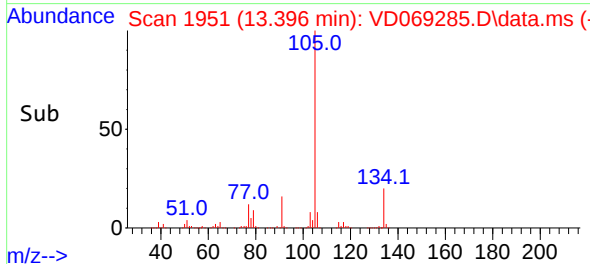
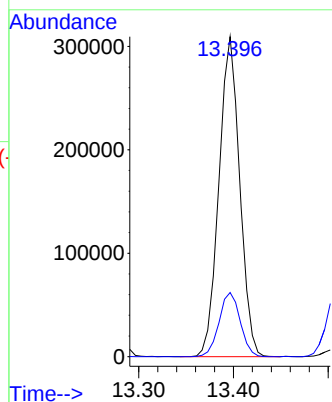
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



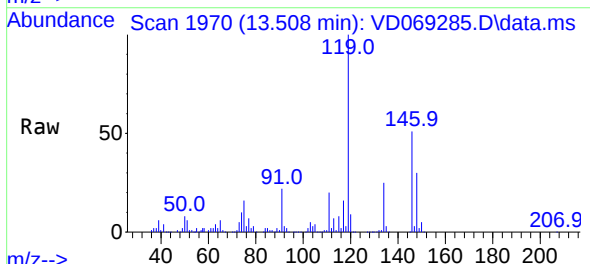
Tgt Ion:105 Resp: 471736  
Ion Ratio Lower Upper  
105 100  
134 20.4 10.1 30.3

Manual Integrations  
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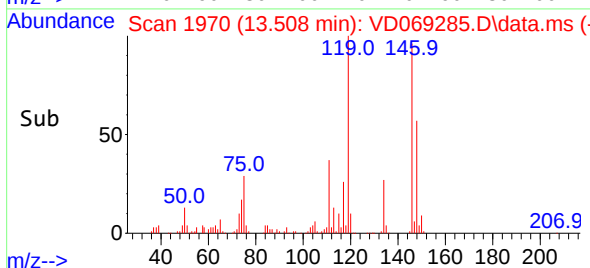
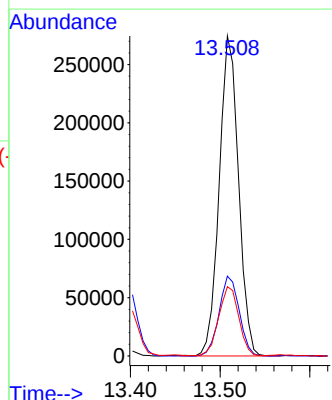
MMDadoda  
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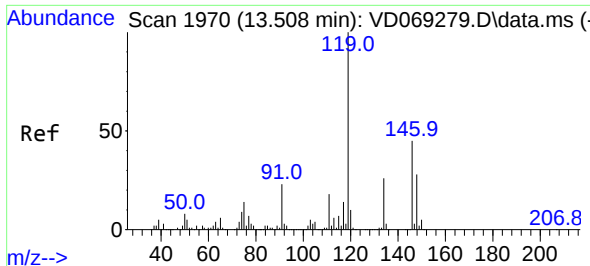


#86  
p-Isopropyltoluene  
Concen: 19.73 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



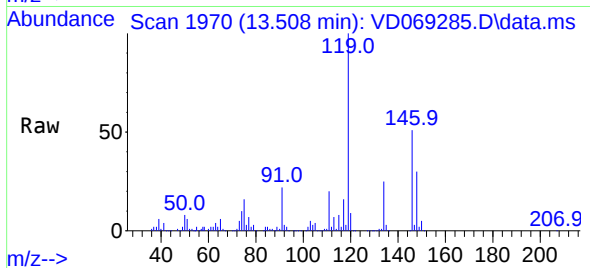
Tgt Ion:119 Resp: 410019  
Ion Ratio Lower Upper  
119 100  
134 26.0 13.0 39.0  
91 22.4 11.3 33.8





#87  
1,3-Dichlorobenzene  
Concen: 19.51 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

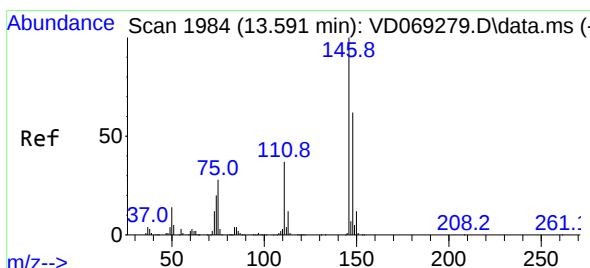
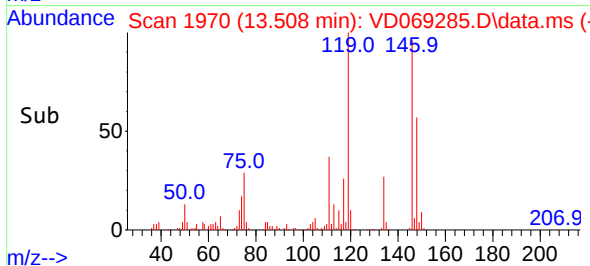
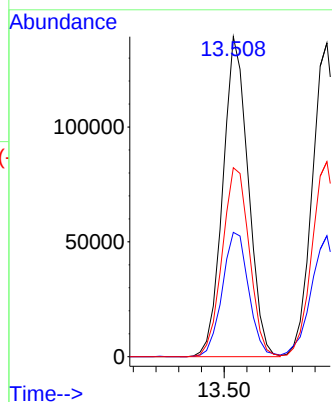
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01



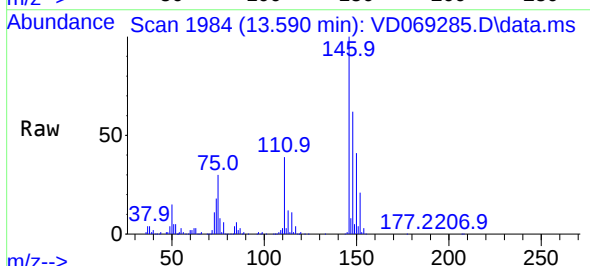
Tgt Ion:146 Resp: 215909  
Ion Ratio Lower Upper  
146 100  
111 40.6 20.3 60.9  
148 63.0 31.9 95.9

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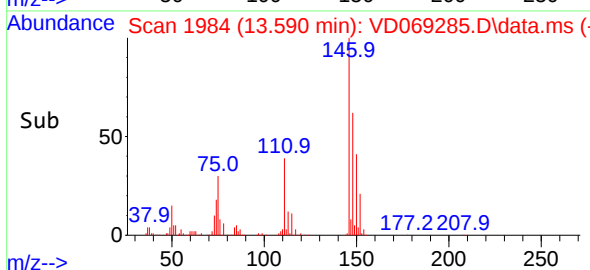
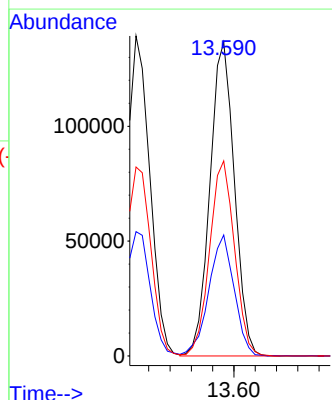
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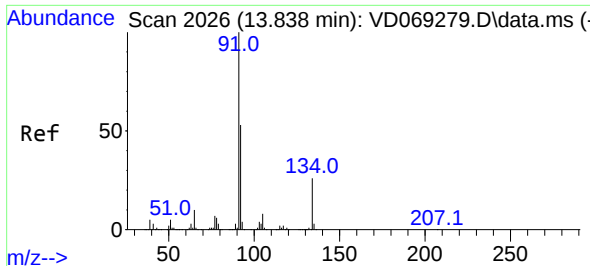


#88  
1,4-Dichlorobenzene  
Concen: 19.80 ug/l  
RT: 13.590 min Scan# 1984  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

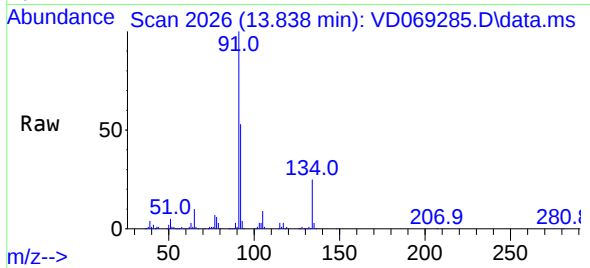


Tgt Ion:146 Resp: 218374  
Ion Ratio Lower Upper  
146 100  
111 39.9 19.4 58.4  
148 63.2 31.1 93.3

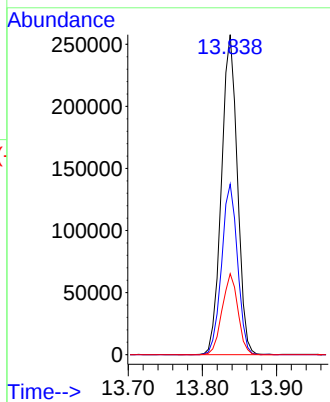
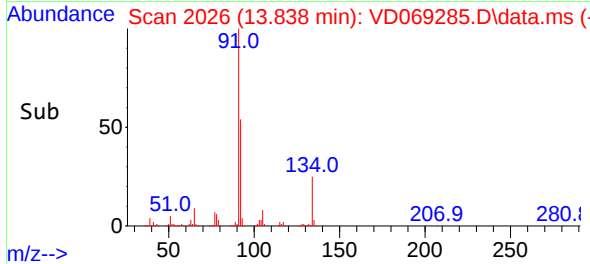




#89  
n-Butylbenzene  
Concen: 19.79 ug/l  
RT: 13.838 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



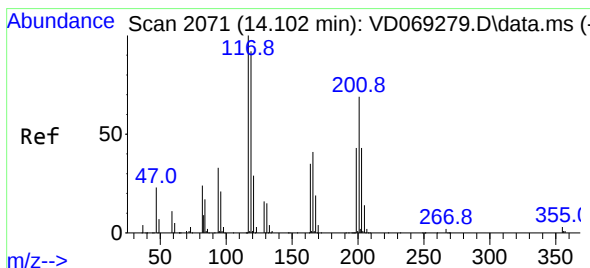
Tgt Ion: 91 Resp: 384749  
Ion Ratio Lower Upper  
91 100  
92 53.2 26.4 79.2  
134 25.1 13.0 38.9



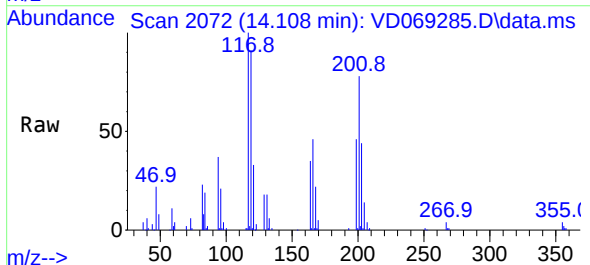
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

Manual Integrations  
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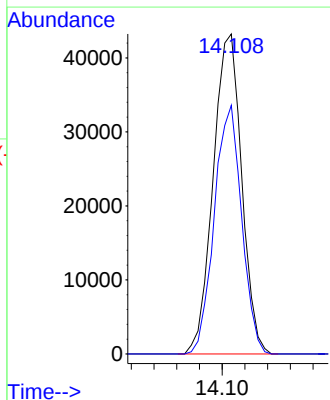
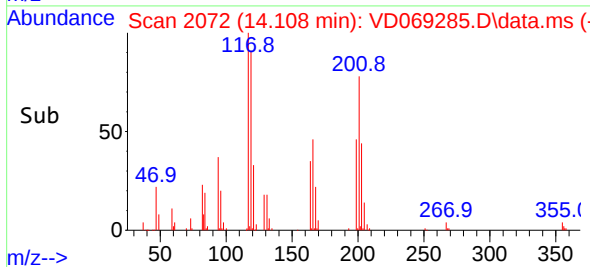
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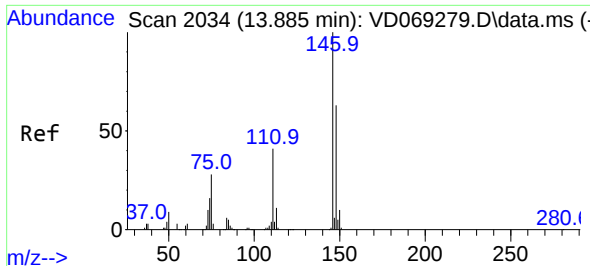


#90  
Hexachloroethane  
Concen: 19.10 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

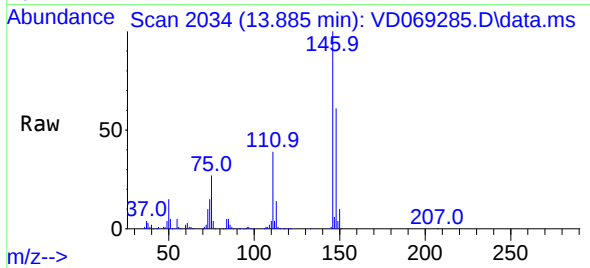


Tgt Ion: 117 Resp: 75389  
Ion Ratio Lower Upper  
117 100  
201 74.4 36.0 108.1

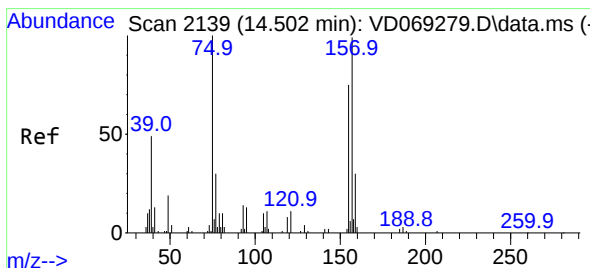
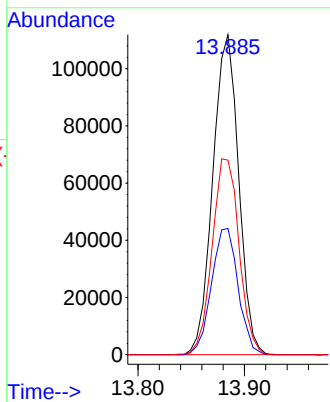
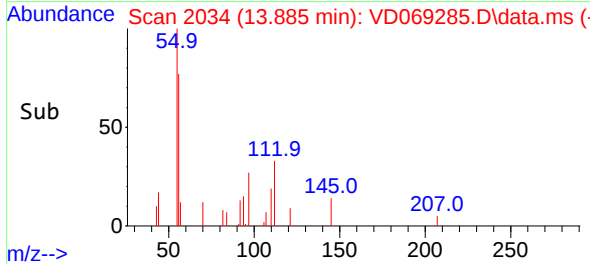




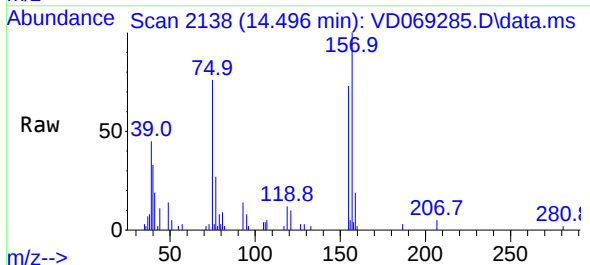
#91  
1,2-Dichlorobenzene  
Concen: 19.76 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



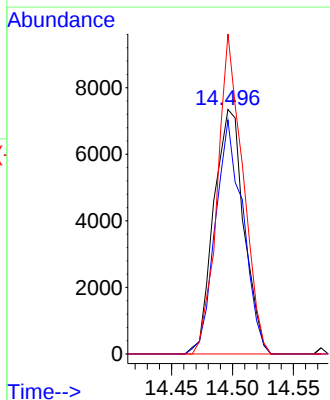
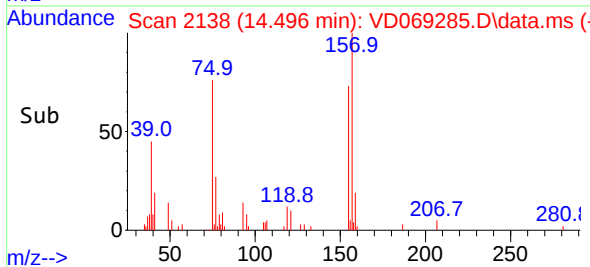
Tgt Ion: 146 Resp: 188360  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.5 61.6  
148 63.8 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.74 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



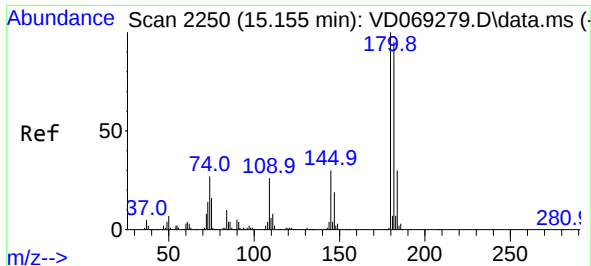
Tgt Ion: 75 Resp: 12650  
Ion Ratio Lower Upper  
75 100  
155 87.8 42.1 126.4  
157 111.1 54.4 163.3



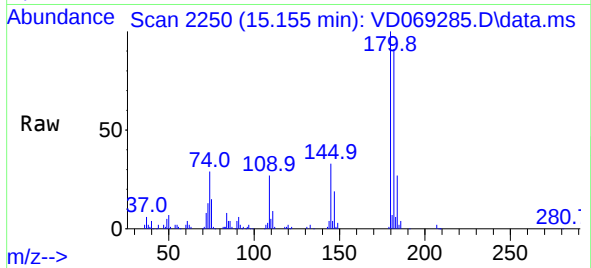
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

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#93  
1,2,4-Trichlorobenzene  
Concen: 20.06 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

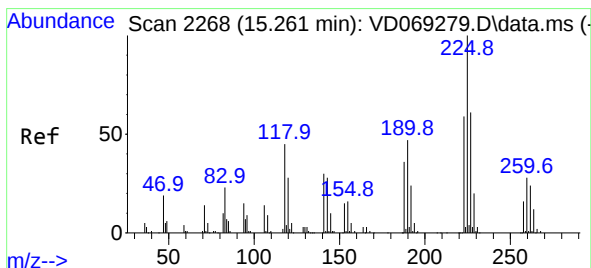
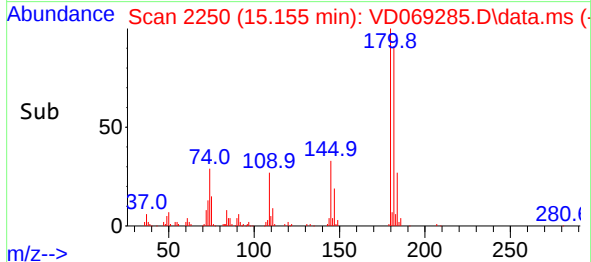
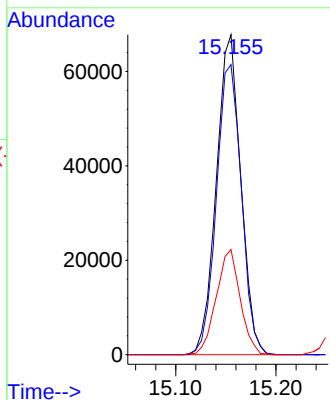


Tgt Ion:180 Resp: 114736  
Ion Ratio Lower Upper  
180 100  
182 92.7 47.3 141.8  
145 32.2 15.2 45.5

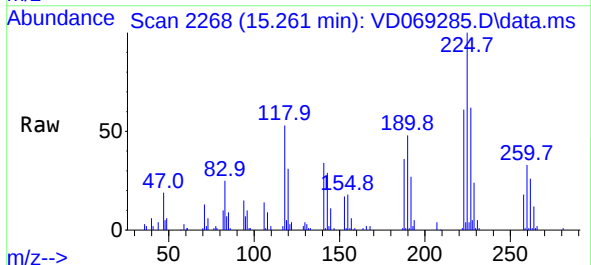
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

Manual Integrations  
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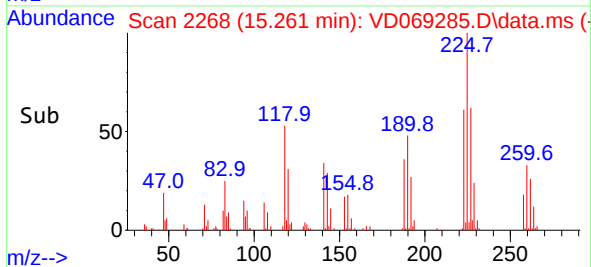
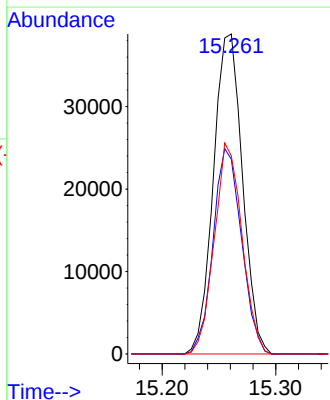
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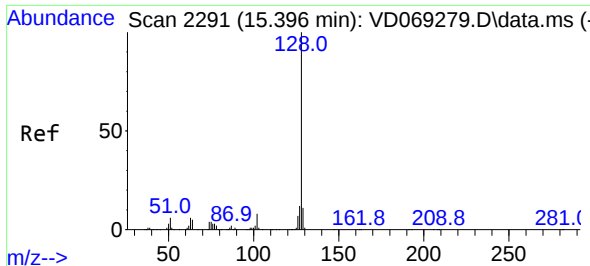


#94  
Hexachlorobutadiene  
Concen: 19.21 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04



Tgt Ion:225 Resp: 69007  
Ion Ratio Lower Upper  
225 100  
223 62.8 30.5 91.5  
227 62.7 31.4 94.2





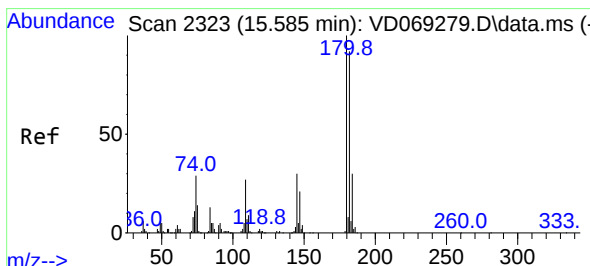
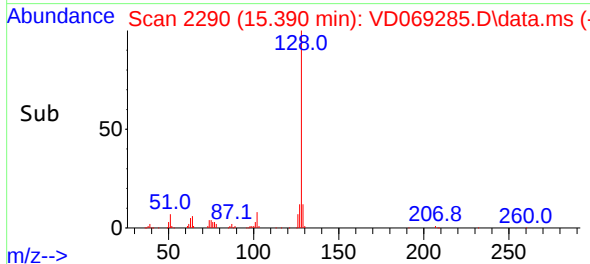
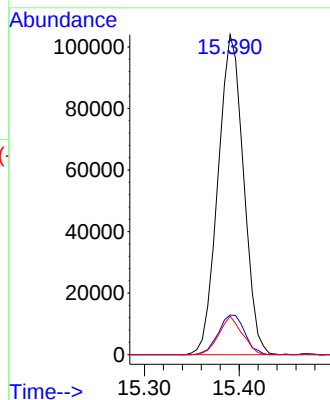
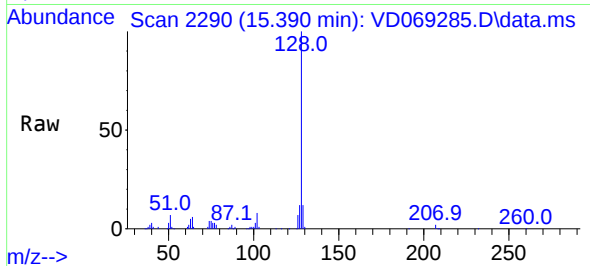
#95  
Naphthalene  
Concen: 19.38 ug/l  
RT: 15.390 min Scan# 2290  
Delta R.T. -0.006 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 194855 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.4  | 15.6   |
| 129       | 11.0  | 8.8   | 13.2   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0601SBSD01

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 19.89 ug/l  
RT: 15.584 min Scan# 2323  
Delta R.T. -0.000 min  
Lab File: VD069285.D  
Acq: 01 Jun 2021 16:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 100149 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.1  | 47.0  | 141.0  |
| 145       | 31.6  | 15.9  | 47.7   |

