

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080221\  
 Data File : VD069953.D  
 Acq On : 02 Aug 2021 15:28  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/3/2021 4:50:04 PM

Quant Time: Aug 03 02:56:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 04:51:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|-------|----------|
| -----                        |                |      |                     |         |       |          |
| Internal Standards           |                |      |                     |         |       |          |
| 1) Pentafluorobenzene        | 7.973          | 168  | 558097              | 50.000  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861          | 114  | 994810              | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.638         | 117  | 966152              | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567         | 152  | 454202              | 50.000  | ug/l  | 0.00     |
|                              |                |      |                     |         |       |          |
| System Monitoring Compounds  |                |      |                     |         |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.326          | 65   | 338915              | 52.802  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 105.600% |         |       |          |
| 35) Dibromofluoromethane     | 7.909          | 113  | 346661              | 55.278  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 110.560% |         |       |          |
| 50) Toluene-d8               | 10.338         | 98   | 1320505             | 54.608  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 109.220% |         |       |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 447309              | 55.349  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 110.700% |         |       |          |
|                              |                |      |                     |         |       |          |
| Target Compounds             |                |      |                     | Qvalue  |       |          |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 255022              | 43.414  | ug/l  | 100      |
| 3) Chloromethane             | 2.209          | 50   | 394636              | 46.312  | ug/l  | 100      |
| 4) Vinyl Chloride            | 2.350          | 62   | 431376              | 48.131  | ug/l  | 98       |
| 5) Bromomethane              | 2.768          | 94   | 274578              | 52.007  | ug/l  | 100      |
| 6) Chloroethane              | 2.921          | 64   | 292012              | 50.267  | ug/l  | 96       |
| 7) Trichlorofluoromethane    | 3.274          | 101  | 534198              | 48.281  | ug/l  | 100      |
| 8) Diethyl Ether             | 3.709          | 74   | 172481              | 55.422  | ug/l  | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 348786              | 49.636  | ug/l  | 99       |
| 10) Methyl Iodide            | 4.297          | 142  | 367739              | 52.797  | ug/l  | 99       |
| 11) Tert butyl alcohol       | 5.220          | 59   | 82815               | 249.347 | ug/l  | 100      |
| 12) 1,1-Dichloroethene       | 4.068          | 96   | 324117              | 50.759  | ug/l  | 98       |
| 13) Acrolein                 | 3.915          | 56   | 104832              | 225.481 | ug/l  | 99       |
| 14) Allyl chloride           | 4.709          | 41   | 518417              | 55.375  | ug/l  | 97       |
| 15) Acrylonitrile            | 5.415          | 53   | 413557              | 282.483 | ug/l  | 98       |
| 16) Acetone                  | 4.150          | 43   | 267688              | 230.865 | ug/l  | 92       |
| 17) Carbon Disulfide         | 4.403          | 76   | 1112547             | 48.729  | ug/l  | 99       |
| 18) Methyl Acetate           | 4.715          | 43   | 178996              | 53.205  | ug/l  | 100      |
| 19) Methyl tert-butyl Ether  | 5.468          | 73   | 772694              | 58.405  | ug/l  | 98       |
| 20) Methylene Chloride       | 4.956          | 84   | 475593              | 57.590  | ug/l  | 99       |
| 21) trans-1,2-Dichloroethene | 5.468          | 96   | 402504              | 53.494  | ug/l  | 96       |
| 22) Diisopropyl ether        | 6.356          | 45   | 1207791             | 59.370  | ug/l  | 98       |
| 23) Vinyl Acetate            | 6.297          | 43   | 3014417             | 267.789 | ug/l  | 97       |
| 24) 1,1-Dichloroethane       | 6.262          | 63   | 762161              | 54.242  | ug/l  | 99       |
| 25) 2-Butanone               | 7.203          | 43   | 435362              | 276.874 | ug/l  | 98       |
| 26) 2,2-Dichloropropane      | 7.203          | 77   | 554474              | 51.895  | ug/l  | 100      |
| 27) cis-1,2-Dichloroethene   | 7.203          | 96   | 444963              | 55.421  | ug/l  | 98       |
| 28) Bromochloromethane       | 7.538          | 49   | 285488              | 53.514  | ug/l  | 97       |
| 29) Tetrahydrofuran          | 7.556          | 42   | 302034              | 296.895 | ug/l  | 99       |
| 30) Chloroform               | 7.703          | 83   | 762362              | 53.964  | ug/l  | 95       |
| 31) Cyclohexane              | 7.979          | 56   | 612186              | 48.813  | ug/l  | 99       |
| 32) 1,1,1-Trichloroethane    | 7.897          | 97   | 611278              | 52.275  | ug/l  | 99       |
| 36) 1,1-Dichloropropene      | 8.109          | 75   | 558386              | 52.013  | ug/l  | 100      |
| 37) Ethyl Acetate            | 7.285          | 43   | 208624              | 53.380  | ug/l  | 97       |
| 38) Carbon Tetrachloride     | 8.091          | 117  | 517482              | 52.770  | ug/l  | 99       |
| 39) Methylcyclohexane        | 9.350          | 83   | 641294              | 52.158  | ug/l  | 100      |
| 40) Benzene                  | 8.350          | 78   | 1695679             | 54.520  | ug/l  | 98       |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 8/3/2021 4:50:04 PM

Quant Time: Aug 03 02:56:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 04:51:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 123286   | 60.110   | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 441692   | 53.699   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 388769   | 55.464   | ug/l   | 99       |
| 44) Trichloroethene           | 9.108  | 130  | 396677   | 51.790   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 447537   | 54.781   | ug/l   | 99       |
| 46) Dibromomethane            | 9.467  | 93   | 216474   | 53.906   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.656  | 83   | 574744   | 55.087   | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.450  | 41   | 197783   | 52.830   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.456  | 88   | 47513    | 1119.883 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 1061117  | 290.913  | ug/l   | 99       |
| 52) Toluene                   | 10.397 | 92   | 1057422  | 56.046   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 512259   | 58.493   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 625924   | 59.035   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 310909   | 54.814   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 369482   | 52.478   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 531477   | 55.375   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 827202   | 266.663  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 707335   | 293.173  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.132 | 129  | 356750   | 55.537   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 285268   | 55.861   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 318826   | 51.768   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.661 | 112  | 1062623  | 53.087   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 383907   | 53.315   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738 | 91   | 1964469  | 55.745   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.850 | 106  | 1526251  | 111.721  | ug/l   | 99       |
| 69) o-Xylene                  | 12.173 | 106  | 705804   | 56.829   | ug/l   | 99       |
| 70) Styrene                   | 12.185 | 104  | 1258100  | 58.453   | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 185760   | 53.120   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 1808380  | 55.412   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 379284   | 56.502   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 340792   | 52.290   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 232788m  | 48.218   | ug/l   |          |
| 77) Bromobenzene              | 12.749 | 156  | 393720   | 53.566   | ug/l   | 100      |
| 78) n-propylbenzene           | 12.814 | 91   | 2328717  | 55.557   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 1320996  | 54.257   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 1558235  | 55.817   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 100413   | 63.098   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.997 | 91   | 1383654  | 54.360   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 1245076  | 54.856   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 1567249  | 56.906   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 1969097  | 54.877   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 1611722  | 55.288   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 821618   | 53.242   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 796147   | 51.762   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 1566710  | 54.457   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.102 | 117  | 320264   | 51.864   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 715522   | 53.721   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 48121    | 51.276   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 396549   | 55.182   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 222113   | 50.528   | ug/l   | 99       |
| 95) Naphthalene               | 15.391 | 128  | 744178   | 50.114   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 347940   | 55.988   | ug/l   | 98       |

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Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

MMDadoda  
8/3/2021 4:50:04 PM

Quant Time: Aug 03 02:56:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 23 04:51:13 2021  
Response via : Initial Calibration

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

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

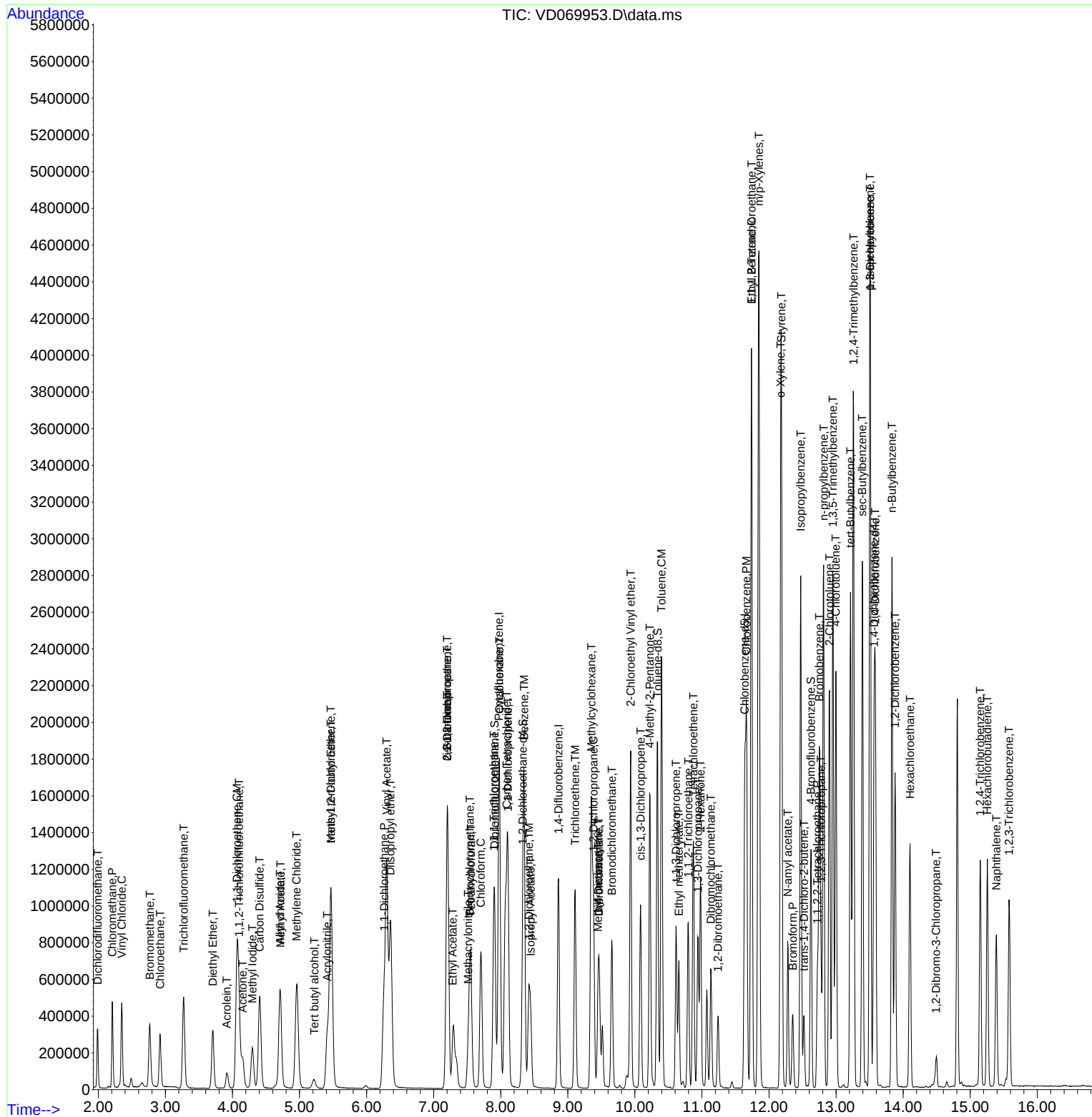
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Data File : VD069953.D  
Acq On : 02 Aug 2021 15:28  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

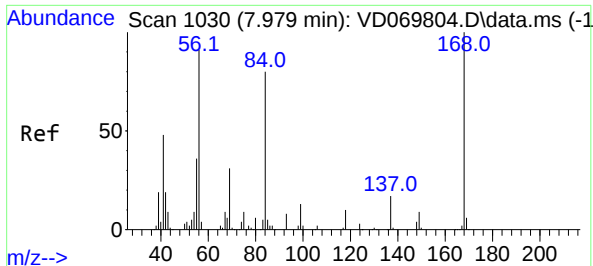
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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MMDadoda  
8/3/2021 4:50:04 PM

Quant Time: Aug 03 02:56:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 23 04:51:13 2021  
Response via : Initial Calibration





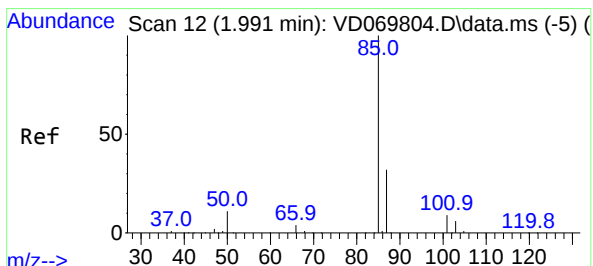
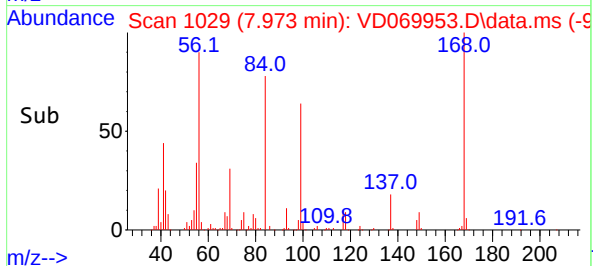
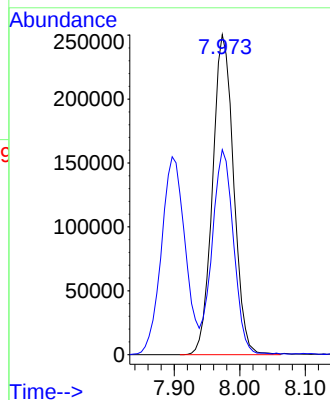
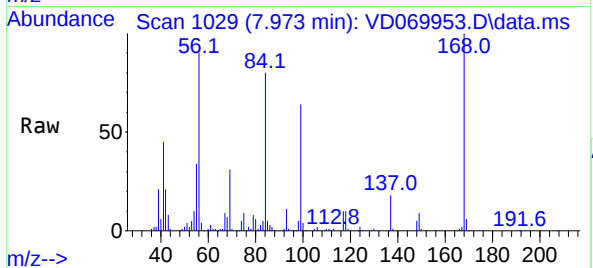
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 168 Resp: 558097  
Ion Ratio Lower Upper  
168 100  
99 63.8 51.1 76.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

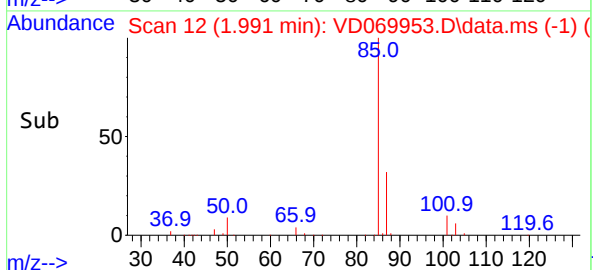
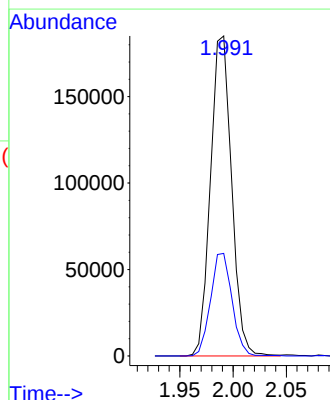
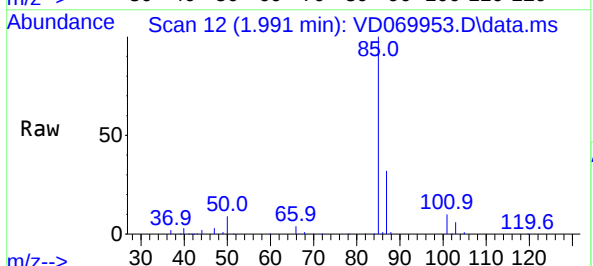
Manual Integrations  
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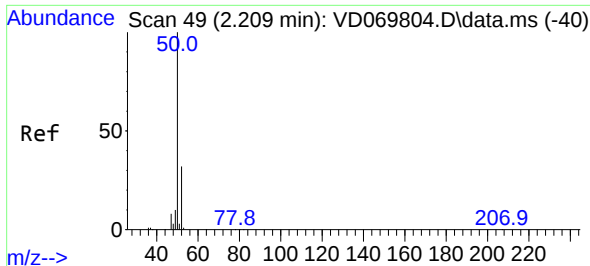
MMDadoda  
8/3/2021 4:50:04 PM



Dichlorodifluoromethane  
Concen: 43.414 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 85 Resp: 255022  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.1 48.3





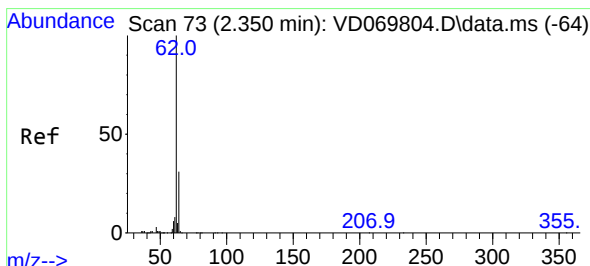
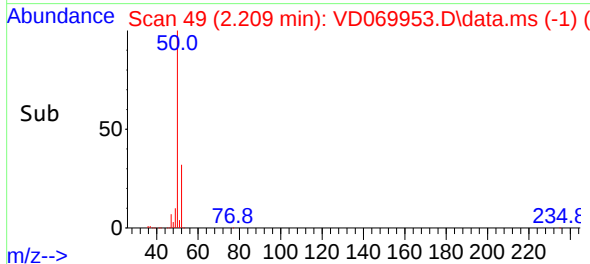
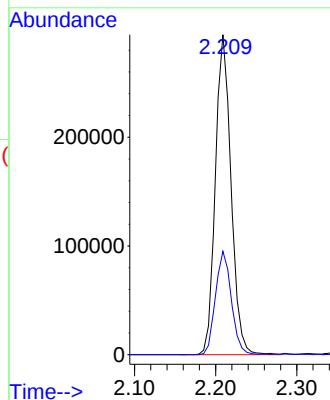
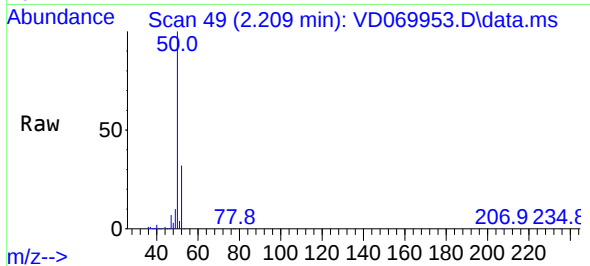
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Chloromethane  
Concen: 46.312 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 50 Resp: 394636  
Ion Ratio Lower Upper  
50 100  
52 32.3 25.7 38.5

Instrument :  
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ClientSampleId :  
VSTDCCC050EC

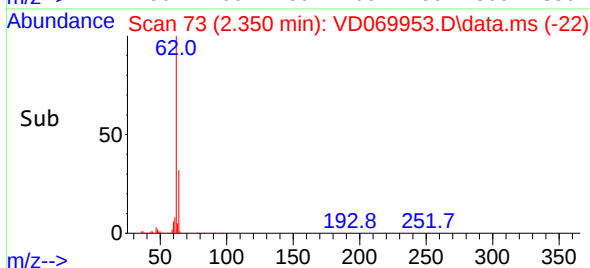
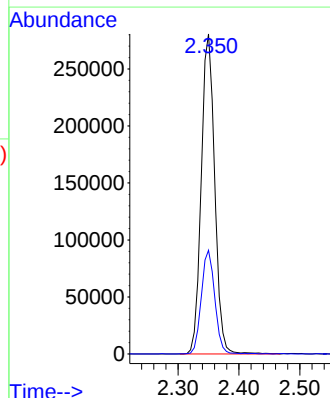
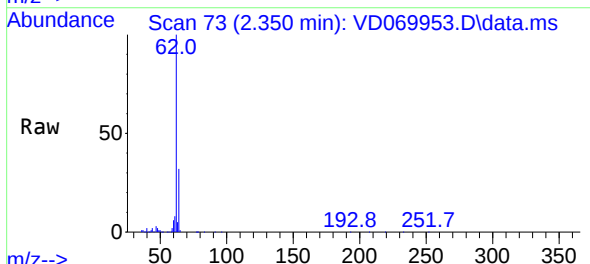
Manual Integrations  
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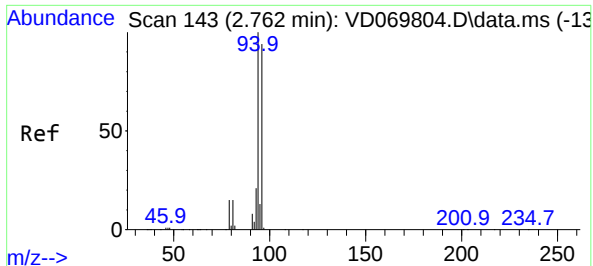
MMDadoda  
8/3/2021 4:50:04 PM



#4  
Vinyl Chloride  
Concen: 48.131 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 62 Resp: 431376  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.0 37.4





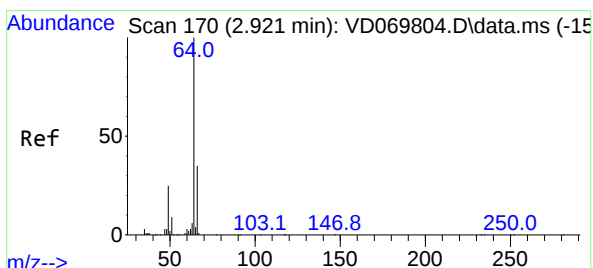
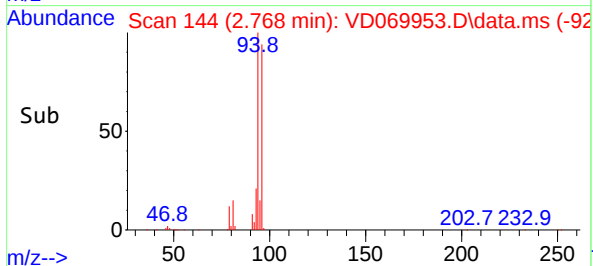
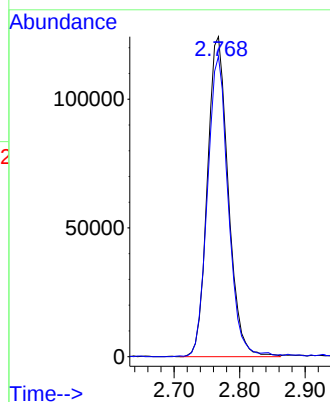
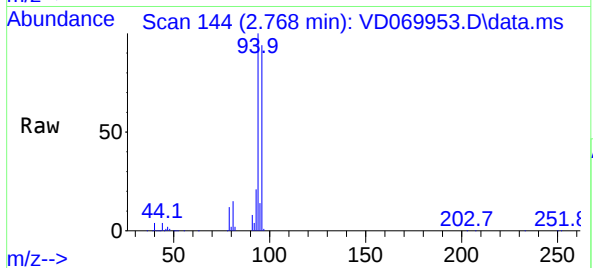
#5  
Bromomethane  
Concen: 52.007 ug/l  
RT: 2.768 min Scan# 144  
Delta R.T. 0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 94 Resp: 274578  
Ion Ratio Lower Upper  
94 100  
96 93.6 74.8 112.2

Instrument :  
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ClientSampleId :  
VSTDCCC050EC

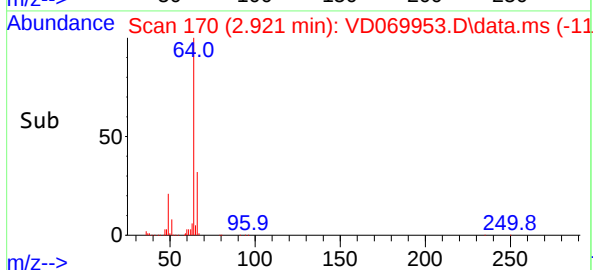
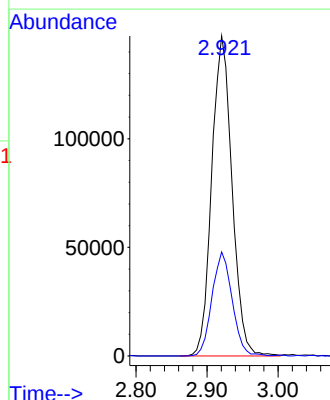
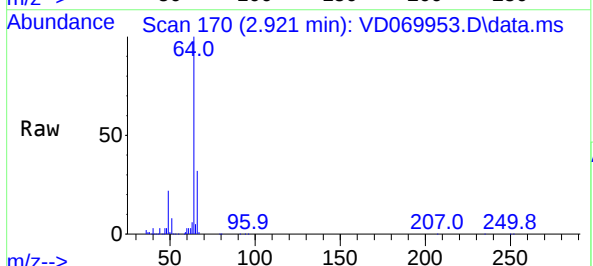
Manual Integrations  
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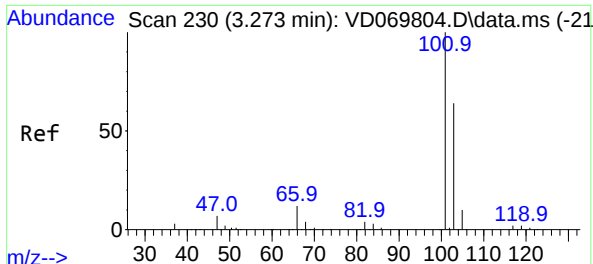
MMDadoda  
8/3/2021 4:50:04 PM



#6  
Chloroethane  
Concen: 50.267 ug/l  
RT: 2.921 min Scan# 170  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 64 Resp: 292012  
Ion Ratio Lower Upper  
64 100  
66 32.5 27.8 41.6





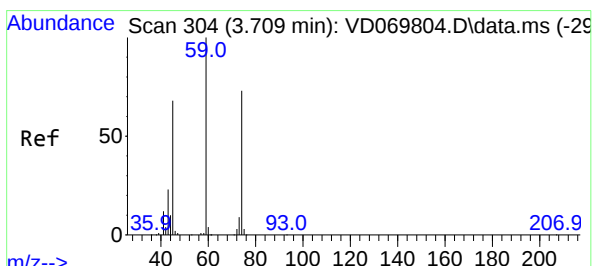
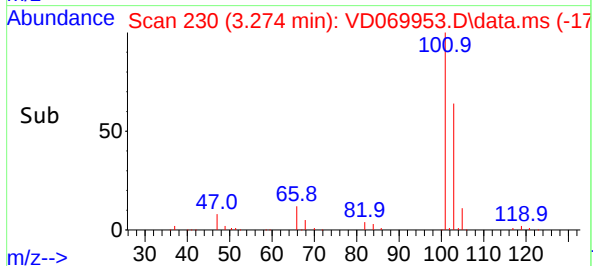
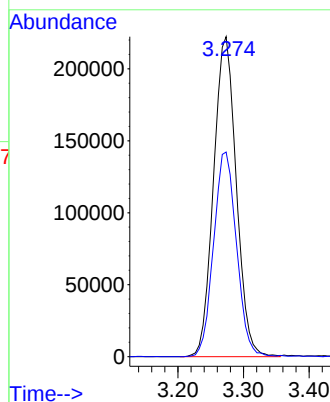
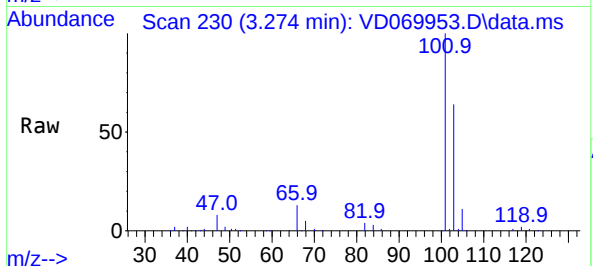
#7  
Trichlorofluoromethane  
Concen: 48.281 ug/l  
RT: 3.274 min Scan# 230  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion:101 Resp: 534198  
Ion Ratio Lower Upper  
101 100  
103 64.0 51.3 76.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

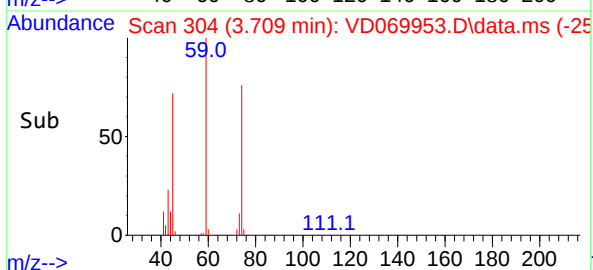
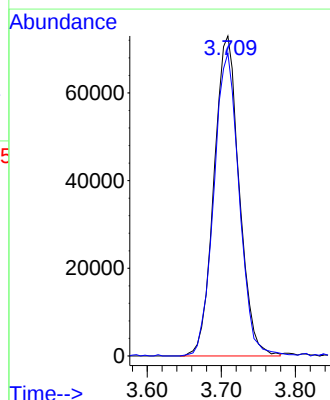
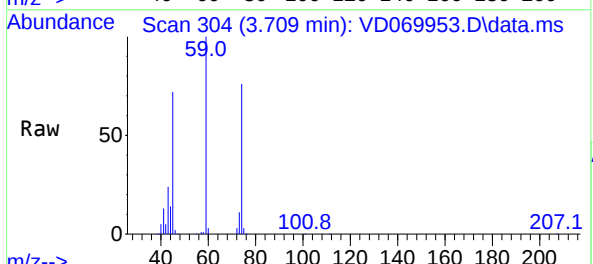
Manual Integrations  
APPROVED

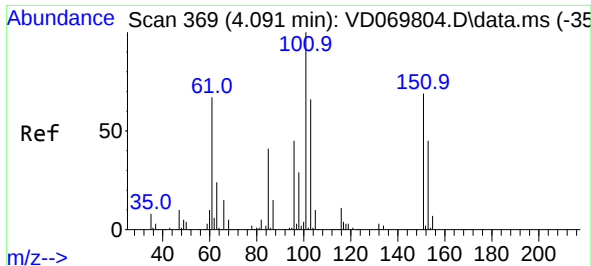
MMDadoda  
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#8  
Diethyl Ether  
Concen: 55.422 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 74 Resp: 172481  
Ion Ratio Lower Upper  
74 100  
45 95.0 46.8 140.4





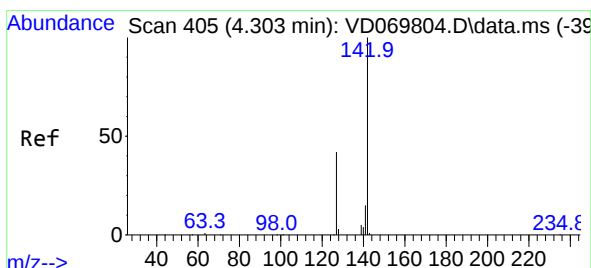
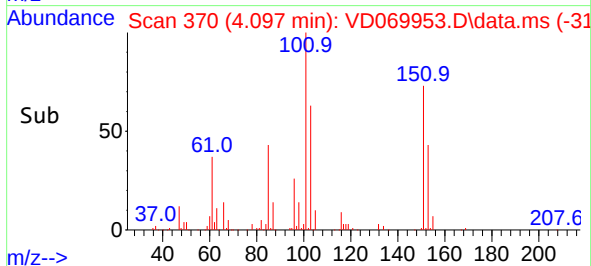
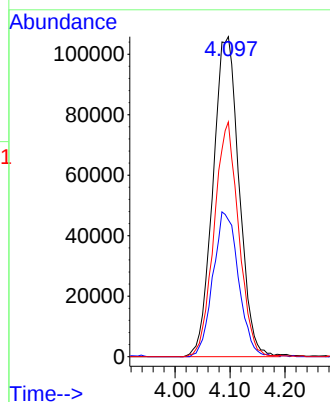
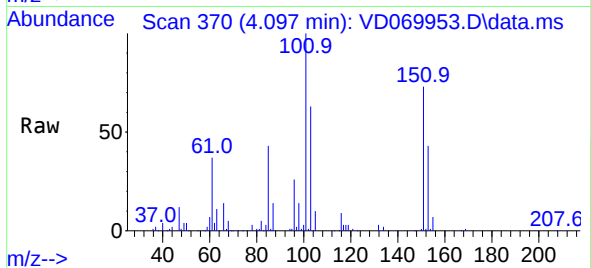
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.636 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion:101 Resp: 348786  
Ion Ratio Lower Upper  
101 100  
85 44.1 34.7 52.1  
151 69.0 55.4 83.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

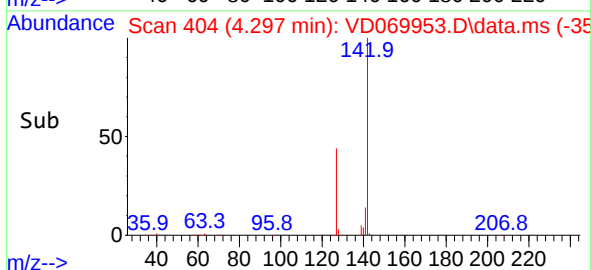
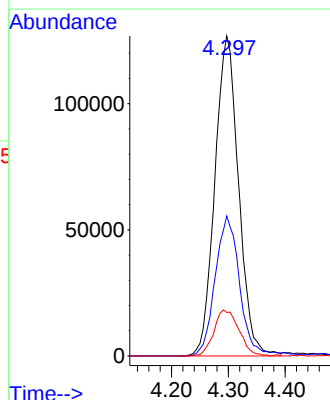
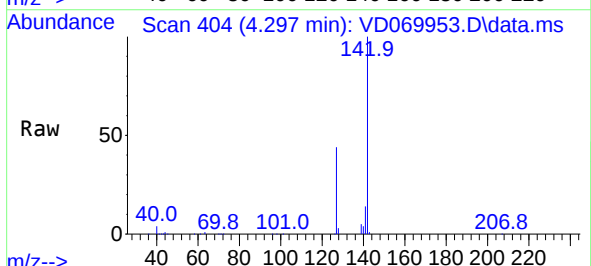
Manual Integrations  
APPROVED

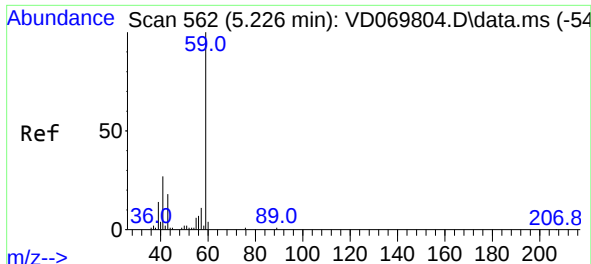
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#10  
Methyl Iodide  
Concen: 52.797 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

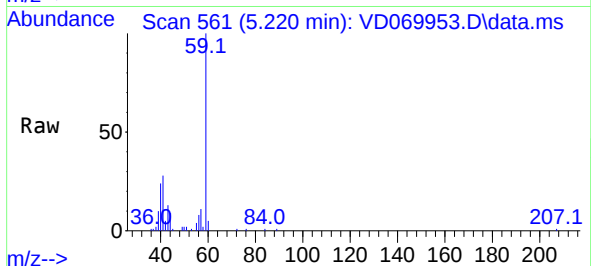
Tgt Ion:142 Resp: 367739  
Ion Ratio Lower Upper  
142 100  
127 45.4 35.7 53.5  
141 15.2 12.0 18.0





#11  
Tert butyl alcohol  
Concen: 249.347 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

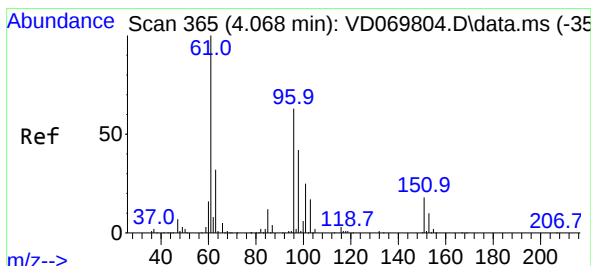
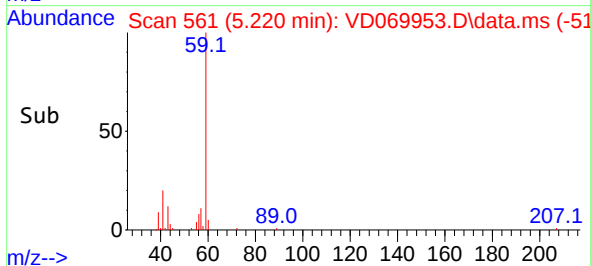
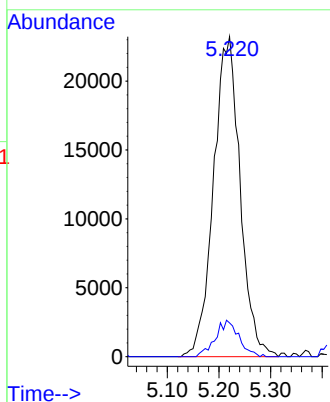
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 59 Resp: 82815  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.1 12.1

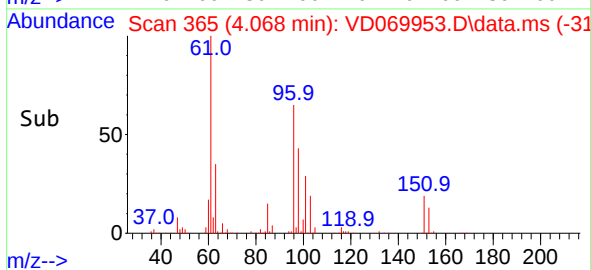
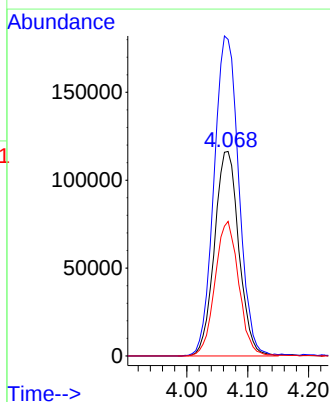
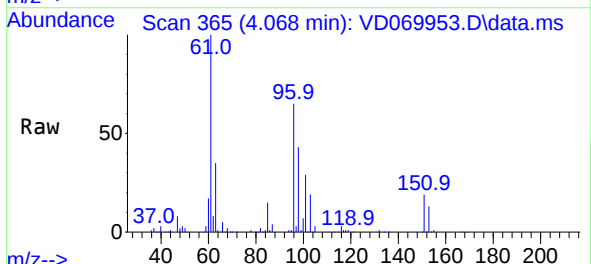
Manual Integrations  
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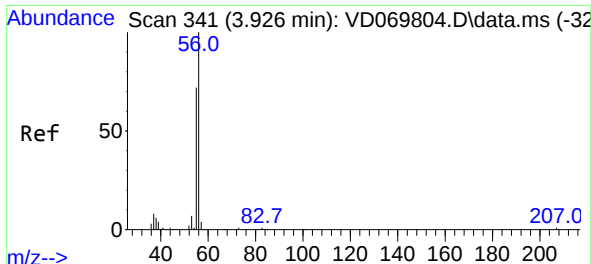
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#12  
1,1-Dichloroethene  
Concen: 50.759 ug/l  
RT: 4.068 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

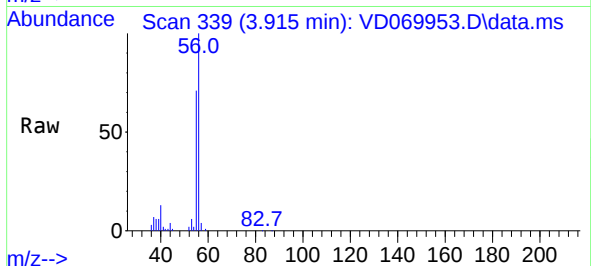
Tgt Ion: 96 Resp: 324117  
Ion Ratio Lower Upper  
96 100  
61 154.8 126.9 190.3  
98 65.8 53.2 79.8





#13  
Acrolein  
Concen: 225.481 ug/l  
RT: 3.915 min Scan# 339  
Delta R.T. -0.012 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

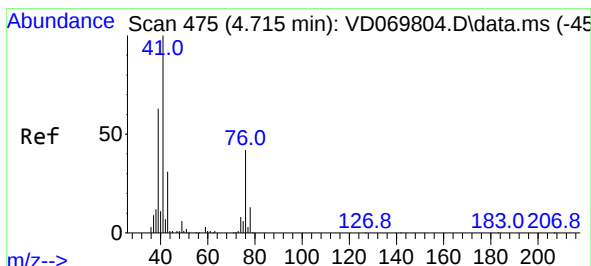
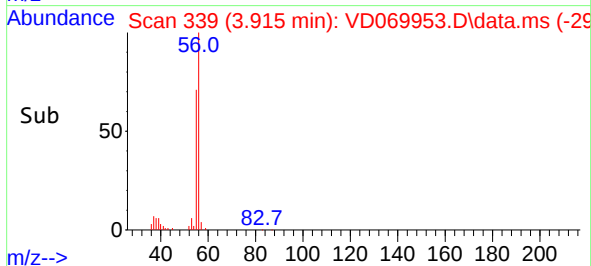
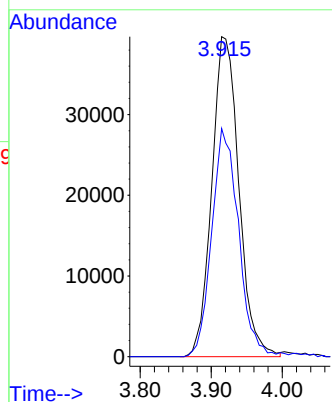
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 104832  
Ion Ratio Lower Upper  
56 100  
55 70.7 57.2 85.8

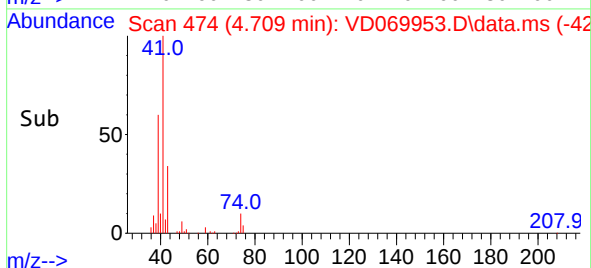
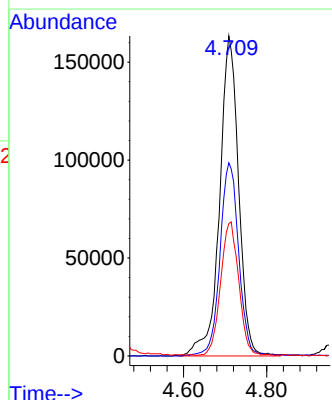
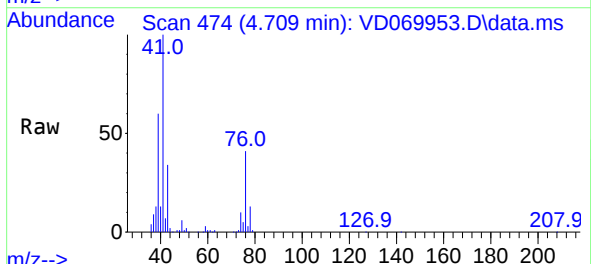
Manual Integrations  
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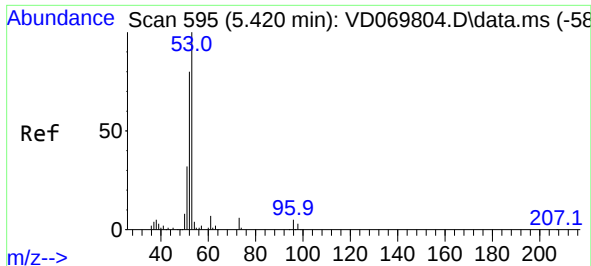
MMDadoda  
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#14  
Allyl chloride  
Concen: 55.375 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

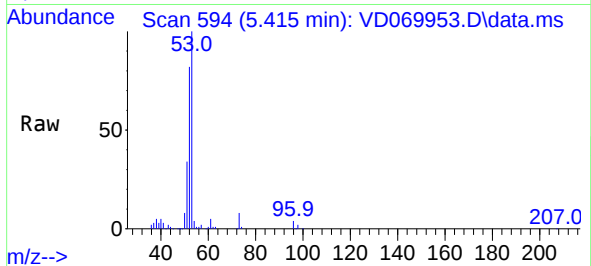
Tgt Ion: 41 Resp: 518417  
Ion Ratio Lower Upper  
41 100  
39 59.1 49.8 74.6  
76 39.6 31.8 47.8





#15  
Acrylonitrile  
Concen: 282.483 ug/l  
RT: 5.415 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

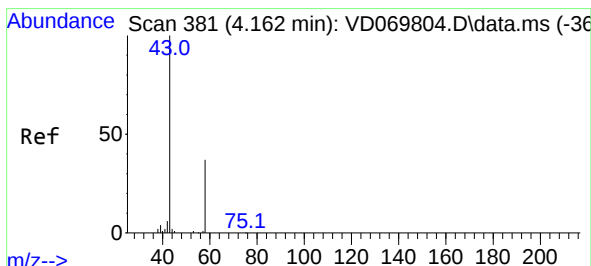
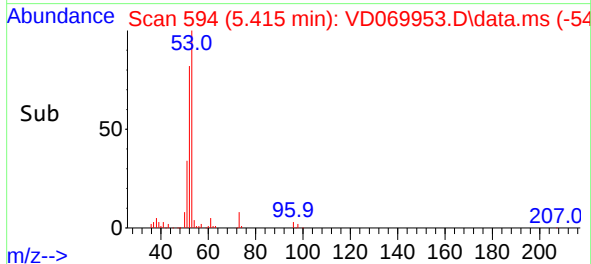
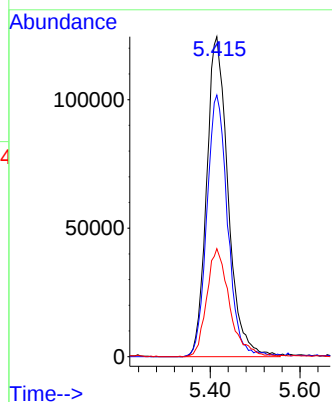
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 53 Resp: 413557  
Ion Ratio Lower Upper  
53 100  
52 79.0 65.3 97.9  
51 35.8 28.3 42.5

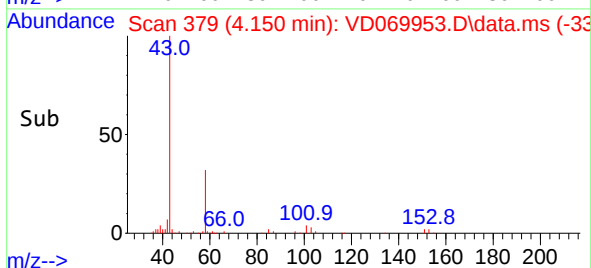
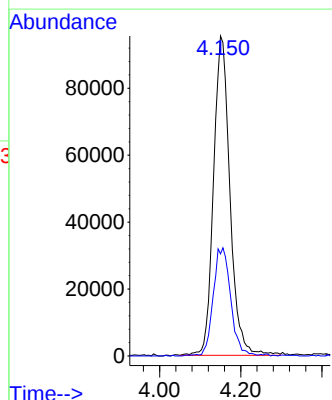
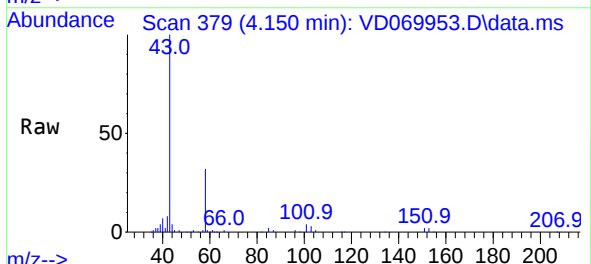
Manual Integrations  
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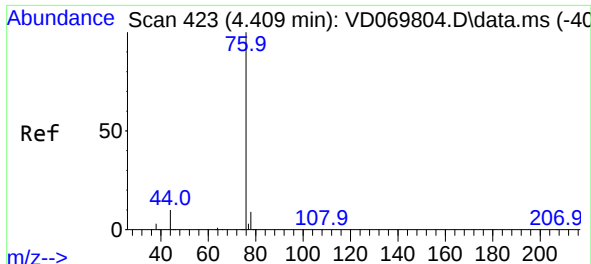
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#16  
Acetone  
Concen: 230.865 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.012 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

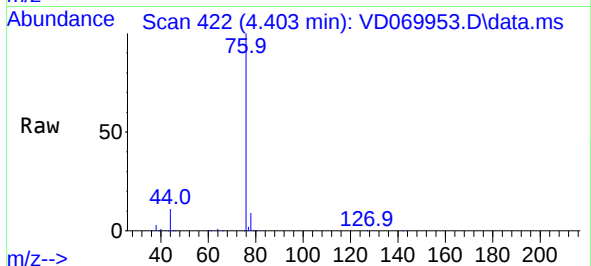
Tgt Ion: 43 Resp: 267688  
Ion Ratio Lower Upper  
43 100  
58 32.0 29.4 44.0





#17  
Carbon Disulfide  
Concen: 48.729 ug/l  
RT: 4.403 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

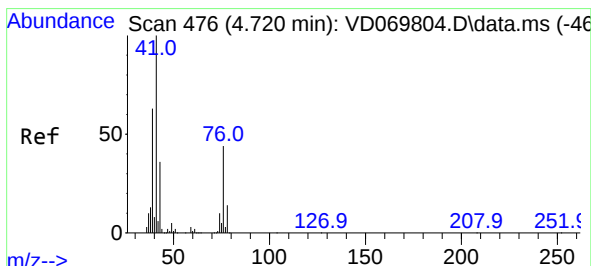
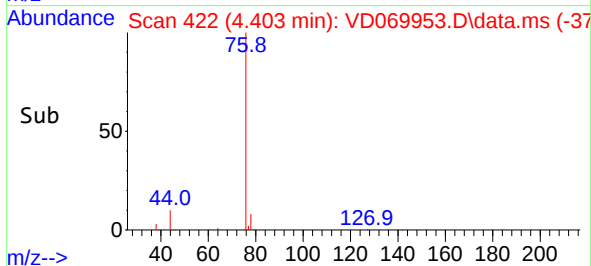
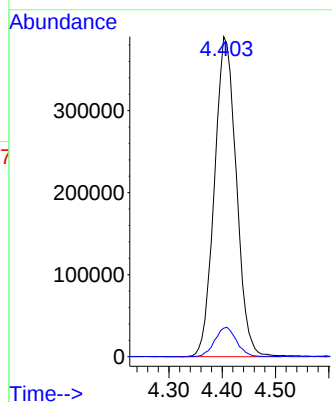
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 1112547  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.3 10.9

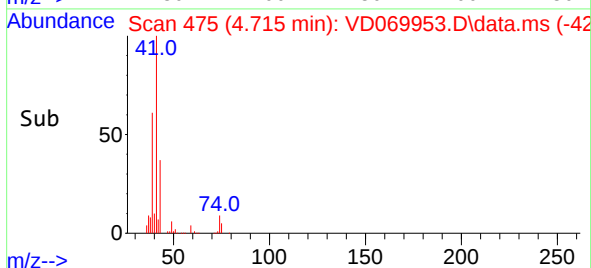
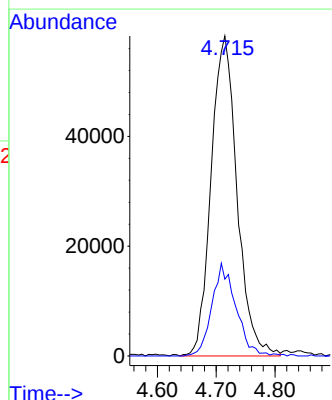
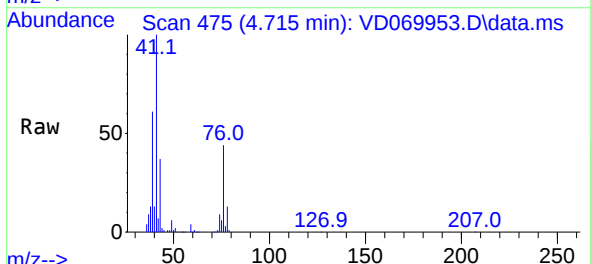
Manual Integrations  
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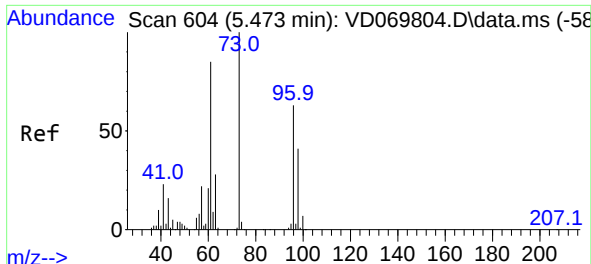
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#18  
Methyl Acetate  
Concen: 53.205 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 43 Resp: 178996  
Ion Ratio Lower Upper  
43 100  
74 26.9 21.4 32.2





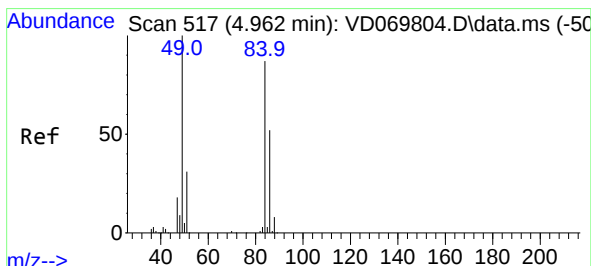
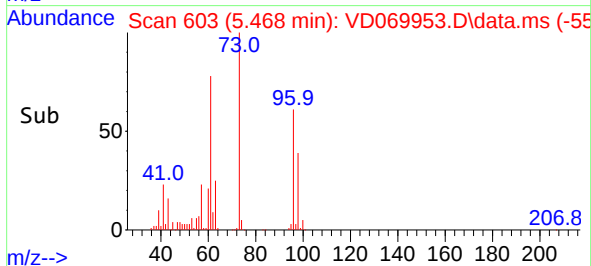
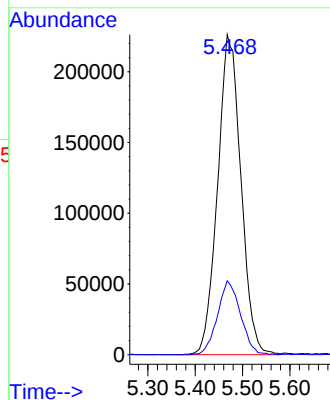
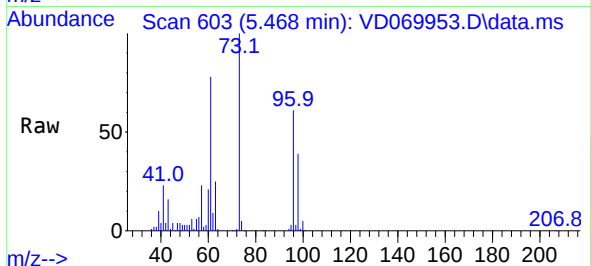
#19  
Methyl tert-butyl Ether  
Concen: 58.405 ug/l  
RT: 5.468 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 73 Resp: 772694  
Ion Ratio Lower Upper  
73 100  
57 23.1 17.8 26.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

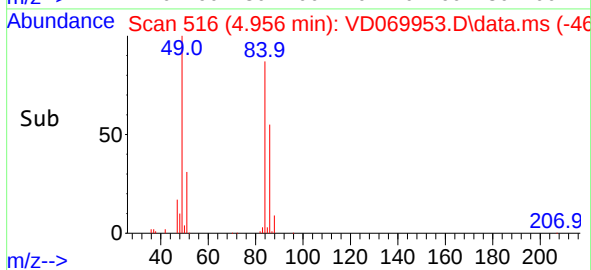
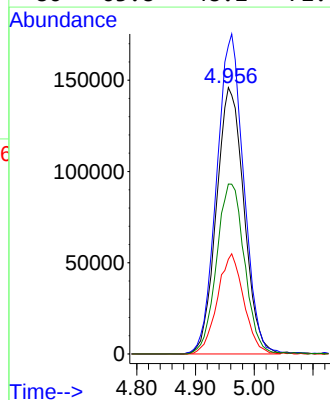
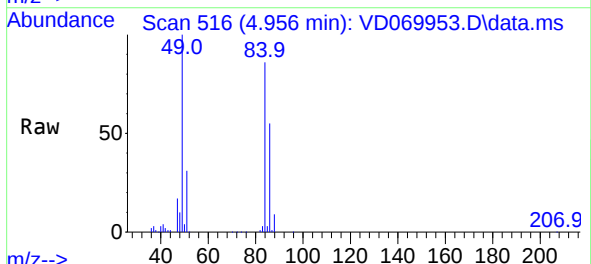
Manual Integrations  
APPROVED

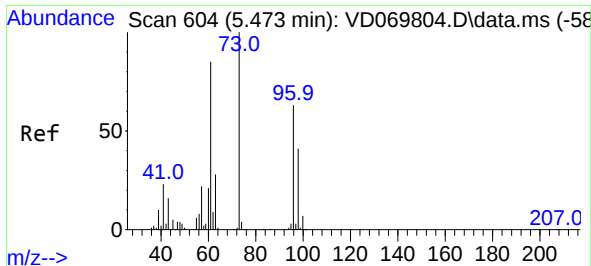
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#20  
Methylene Chloride  
Concen: 57.590 ug/l  
RT: 4.956 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

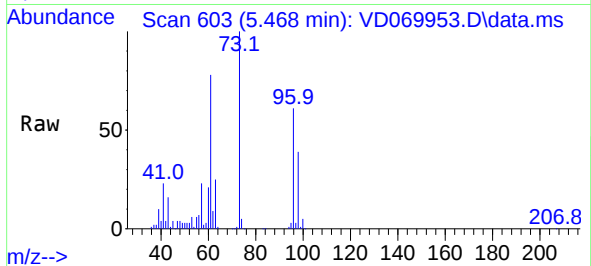
Tgt Ion: 84 Resp: 475593  
Ion Ratio Lower Upper  
84 100  
49 115.7 92.4 138.6  
51 35.6 28.5 42.7  
86 63.8 48.2 72.4





#21  
trans-1,2-Dichloroethene  
Concen: 53.494 ug/l  
RT: 5.468 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

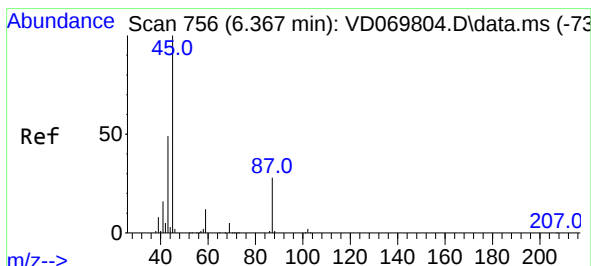
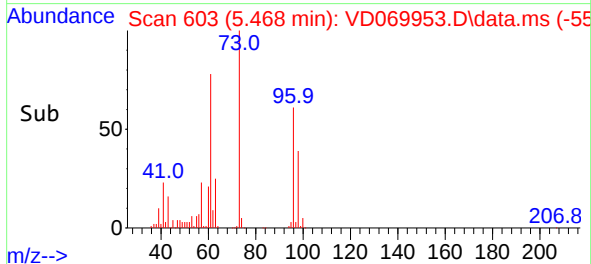
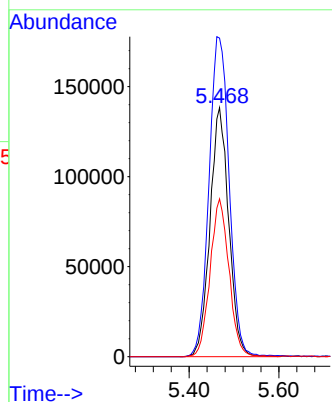
Instrument :  
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ClientSampleId :  
VSTDCCC050EC



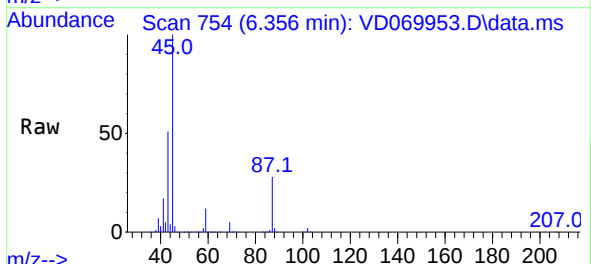
Tgt Ion: 96 Resp: 402504  
Ion Ratio Lower Upper  
96 100  
61 128.0 107.0 160.6  
98 63.4 52.3 78.5

Manual Integrations  
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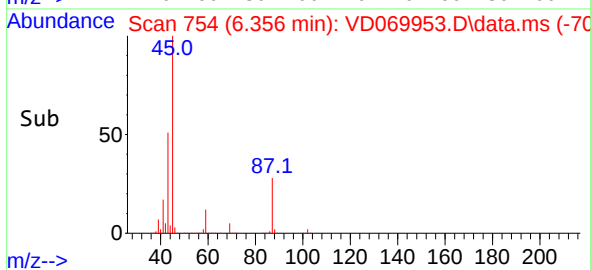
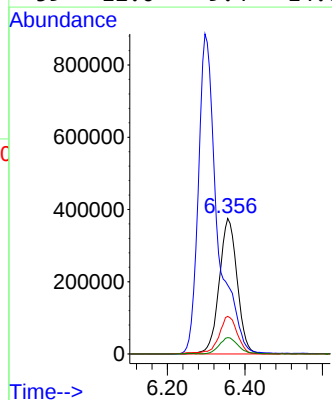
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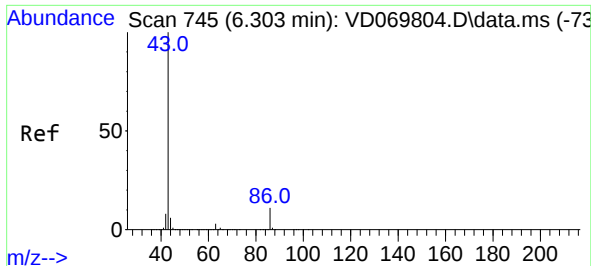


#22  
Diisopropyl ether  
Concen: 59.370 ug/l  
RT: 6.356 min Scan# 754  
Delta R.T. -0.012 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



Tgt Ion: 45 Resp: 1207791  
Ion Ratio Lower Upper  
45 100  
43 50.6 39.2 58.8  
87 27.7 22.3 33.5  
59 12.0 9.4 14.0





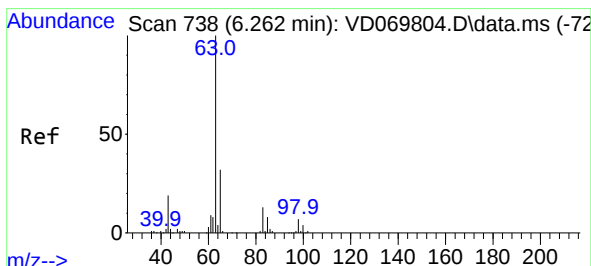
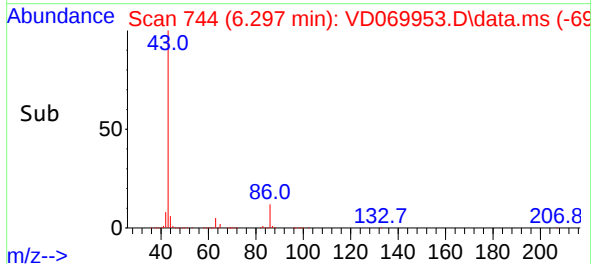
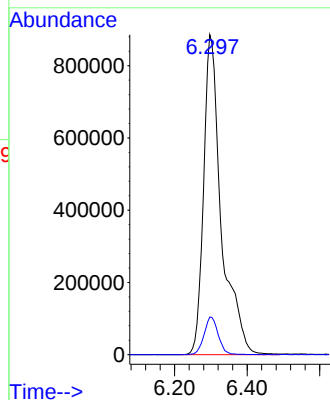
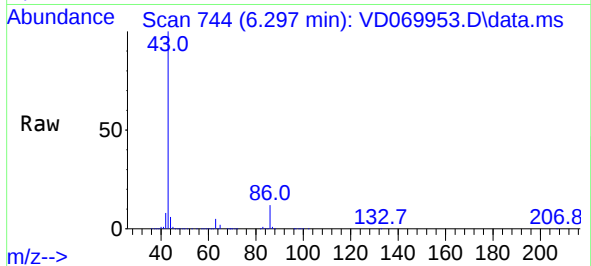
#23  
 Vinyl Acetate  
 Concen: 267.789 ug/l  
 RT: 6.297 min Scan# 744  
 Delta R.T. -0.006 min  
 Lab File: VD069953.D  
 Acq: 02 Aug 2021 15:28

Tgt Ion: 43 Resp: 3014417  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 8.6 13.0

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

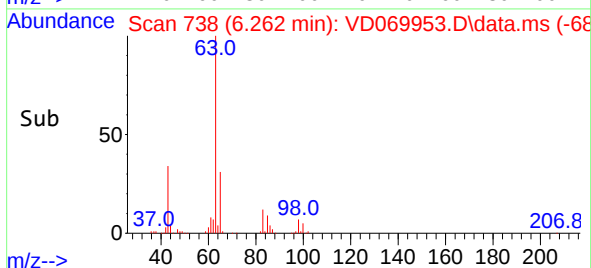
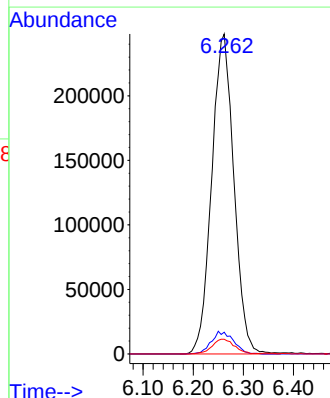
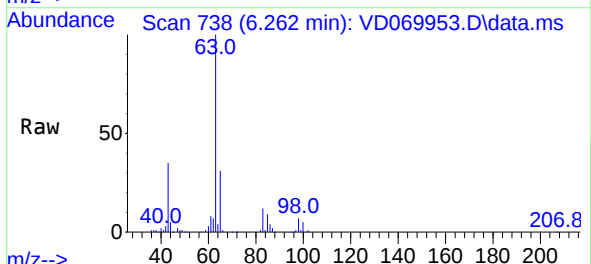
Manual Integrations  
 APPROVED

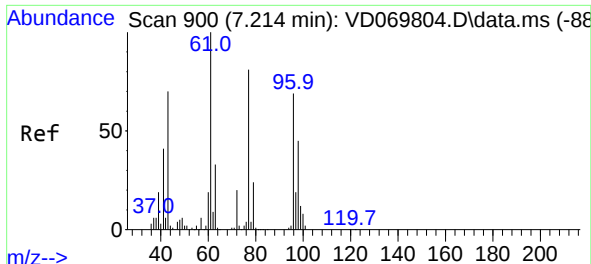
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#24  
 1,1-Dichloroethane  
 Concen: 54.242 ug/l  
 RT: 6.262 min Scan# 738  
 Delta R.T. 0.000 min  
 Lab File: VD069953.D  
 Acq: 02 Aug 2021 15:28

Tgt Ion: 63 Resp: 762161  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.6 10.8  
 100 4.6 2.2 6.6





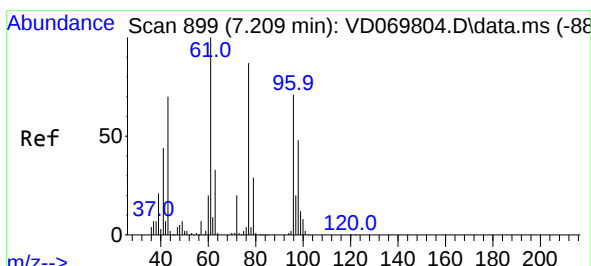
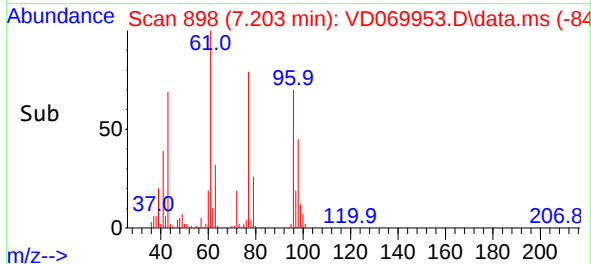
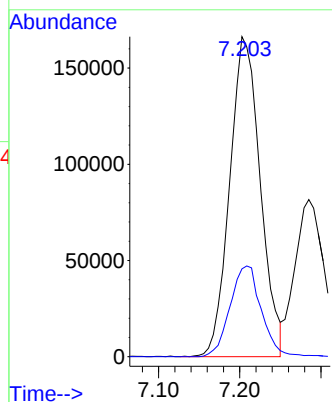
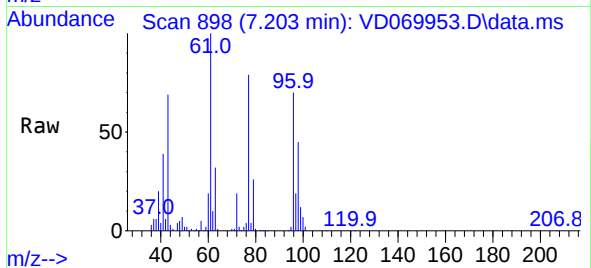
#25  
2-Butanone  
Concen: 276.874 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.012 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 43 Resp: 435362  
Ion Ratio Lower Upper  
43 100  
72 27.4 22.8 34.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

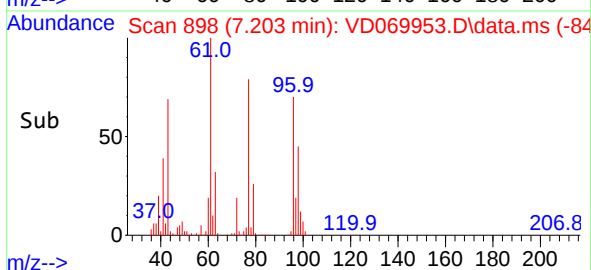
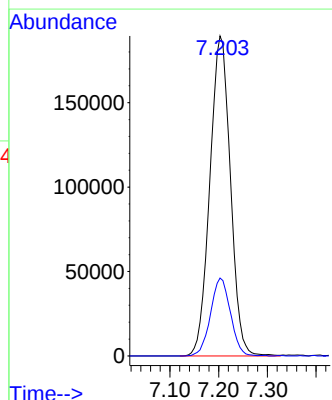
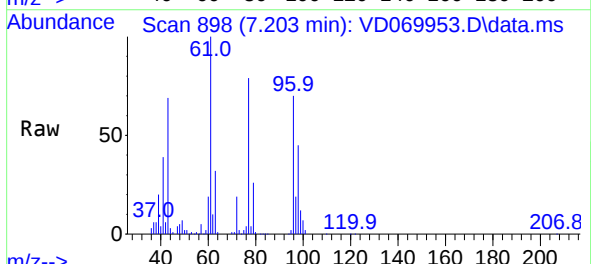
Manual Integrations  
APPROVED

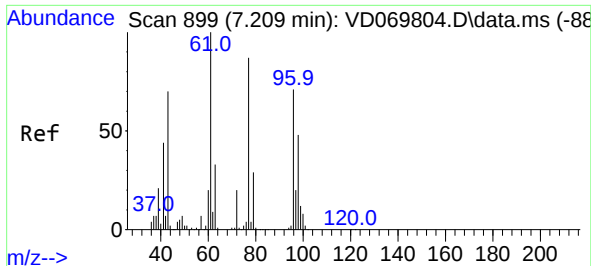
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#26  
2,2-Dichloropropane  
Concen: 51.895 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 77 Resp: 554474  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.9 35.7





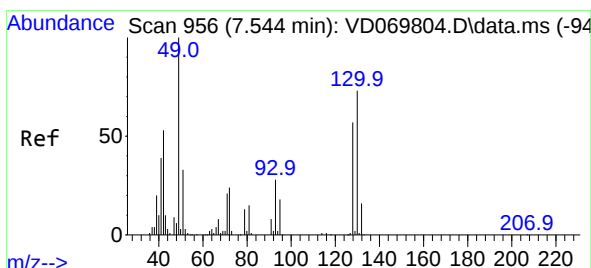
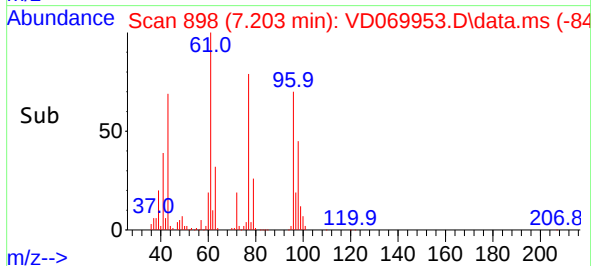
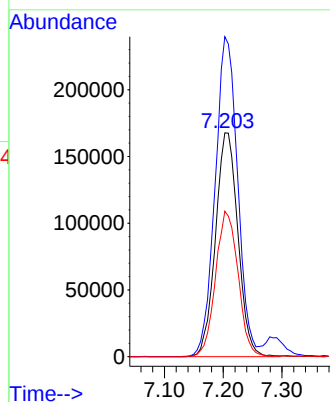
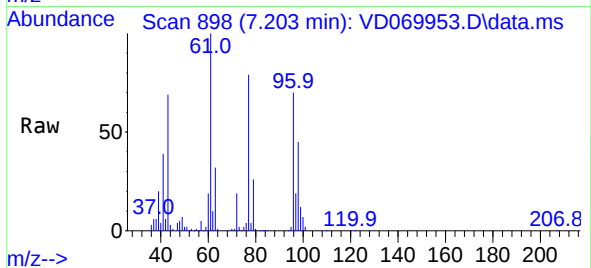
#27  
cis-1,2-Dichloroethene  
Concen: 55.421 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 96 Resp: 444963  
Ion Ratio Lower Upper  
96 100  
61 143.3 0.0 291.6  
98 65.1 0.0 132.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

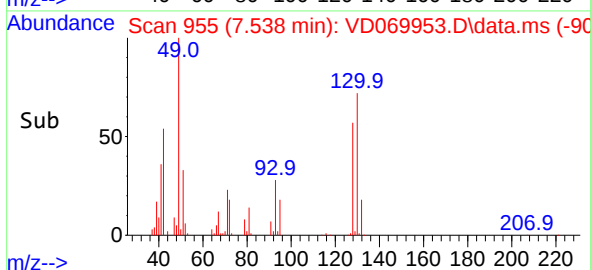
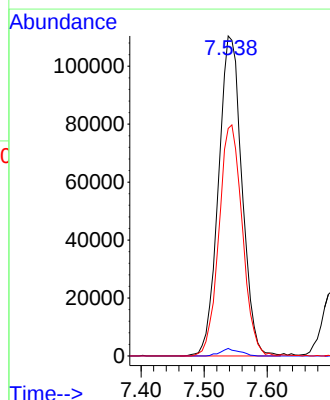
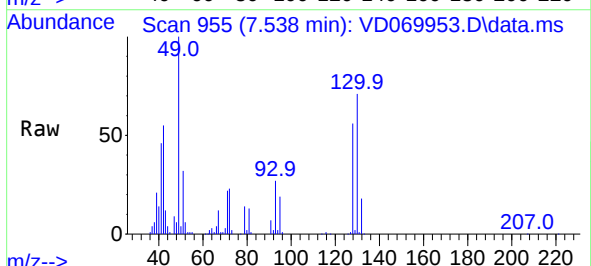
Manual Integrations  
APPROVED

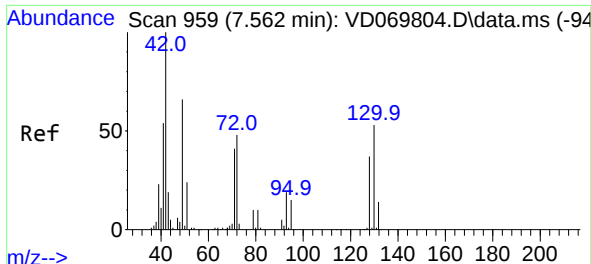
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#28  
Bromochloromethane  
Concen: 53.514 ug/l  
RT: 7.538 min Scan# 955  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 49 Resp: 285488  
Ion Ratio Lower Upper  
49 100  
129 1.9 0.0 4.2  
130 71.8 59.6 89.4





#29

Tetrahydrofuran

Concen: 296.895 ug/l

RT: 7.556 min Scan# 958

Delta R.T. -0.006 min

Lab File: VD069953.D

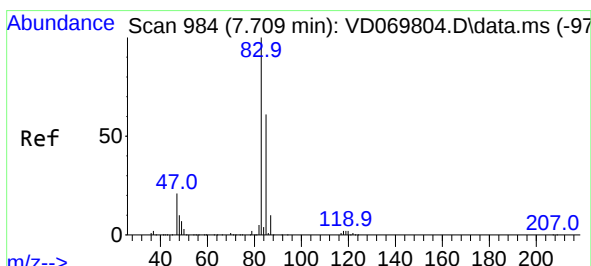
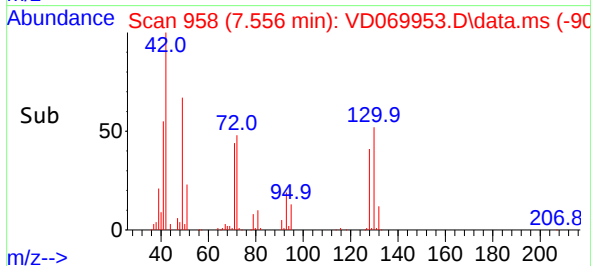
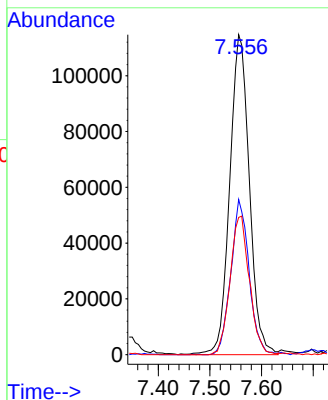
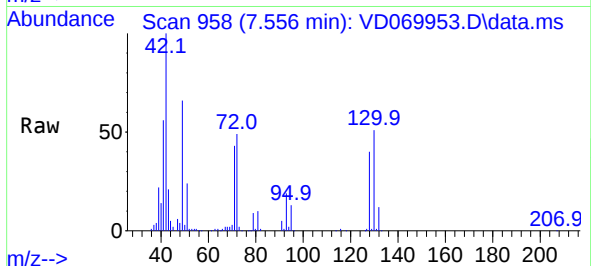
Acq: 02 Aug 2021 15:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 302034 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 45.1  | 36.5  | 54.7   |
| 71       | 42.8  | 33.5  | 50.3   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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#30

Chloroform

Concen: 53.964 ug/l

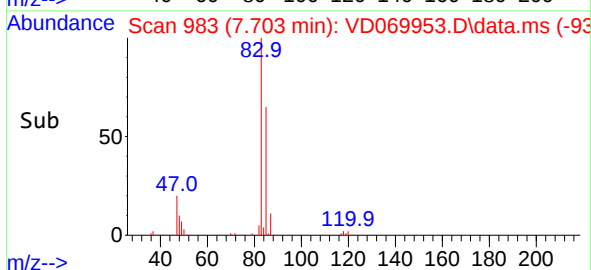
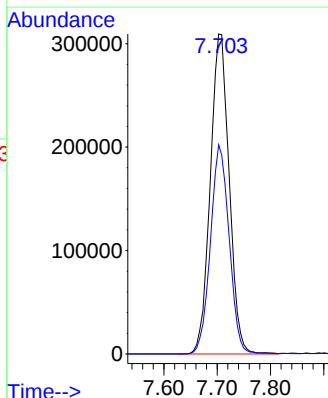
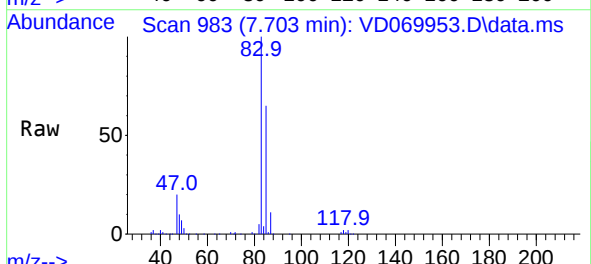
RT: 7.703 min Scan# 983

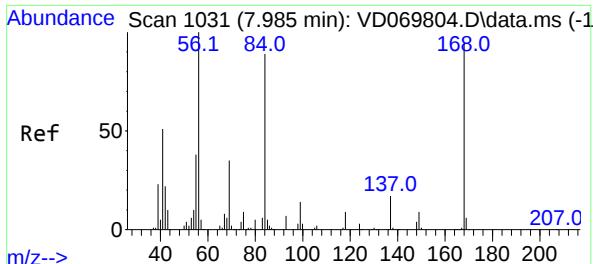
Delta R.T. -0.006 min

Lab File: VD069953.D

Acq: 02 Aug 2021 15:28

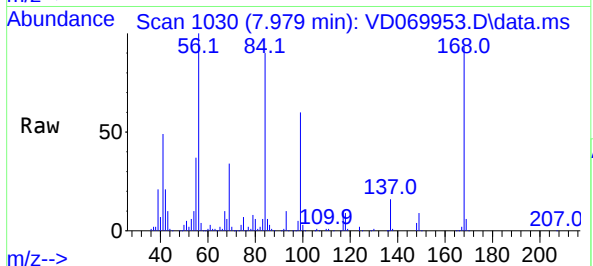
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 762362 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.3  | 49.1  | 73.7   |





#31  
Cyclohexane  
Concen: 48.813 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

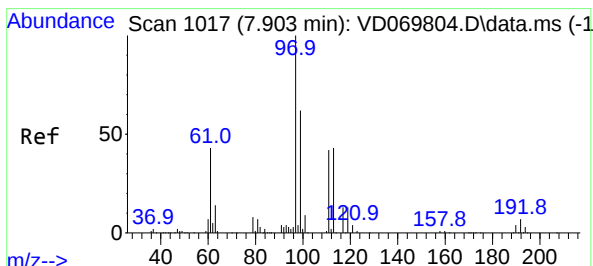
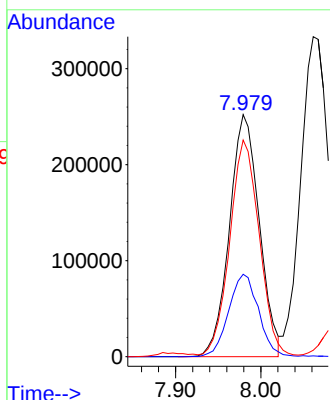
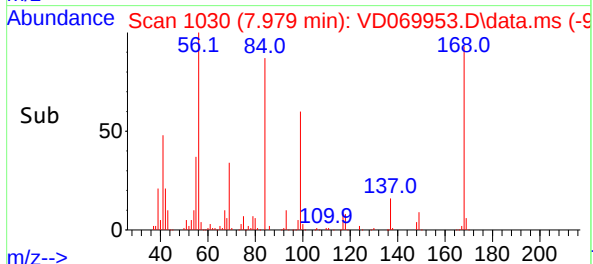
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



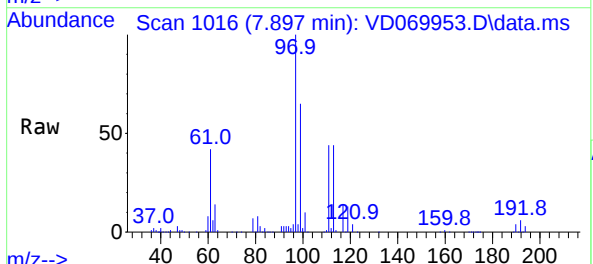
Tgt Ion: 56 Resp: 612186  
Ion Ratio Lower Upper  
56 100  
69 34.0 27.9 41.9  
84 88.3 71.4 107.2

Manual Integrations  
APPROVED

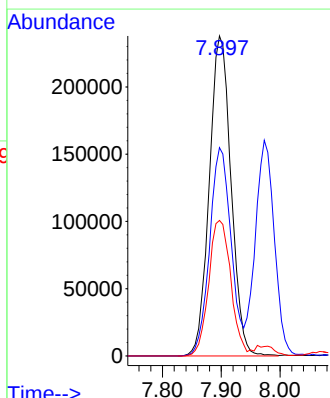
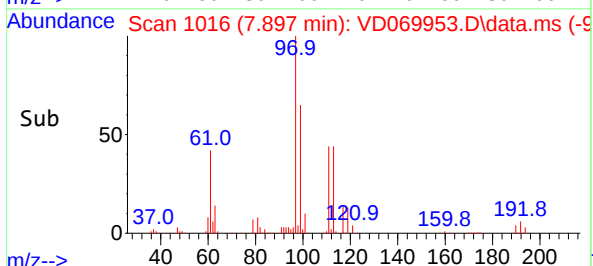
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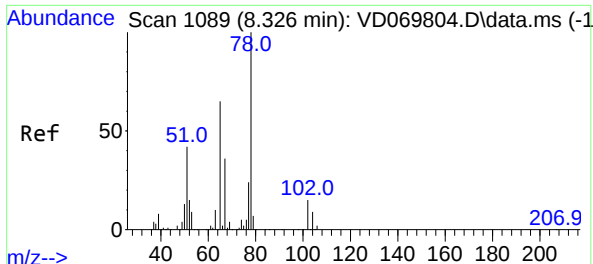


#32  
1,1,1-Trichloroethane  
Concen: 52.275 ug/l  
RT: 7.897 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



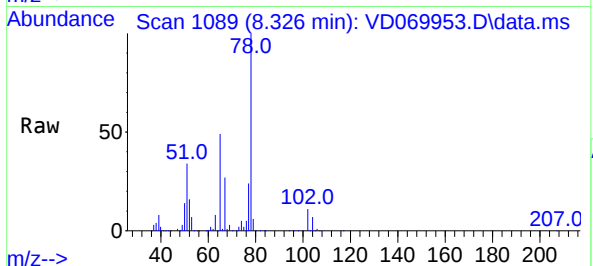
Tgt Ion: 97 Resp: 611278  
Ion Ratio Lower Upper  
97 100  
99 64.4 50.8 76.2  
61 43.5 34.5 51.7





#33  
1,2-Dichloroethane-d4  
Concen: 52.802 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

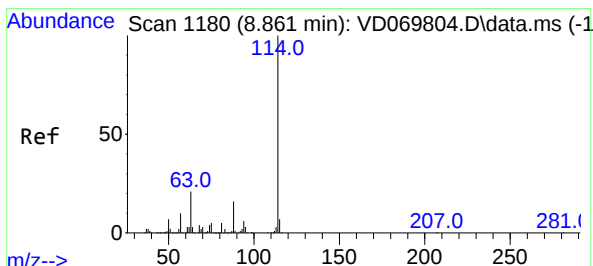
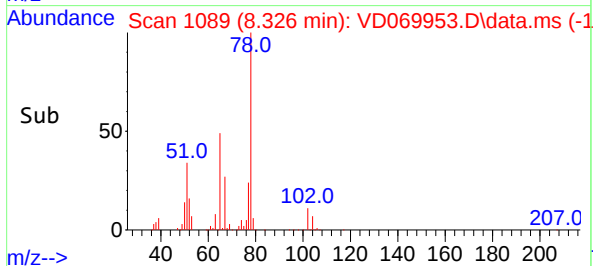
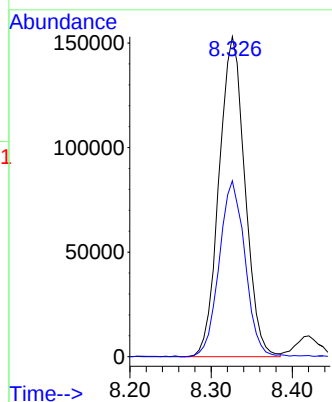
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



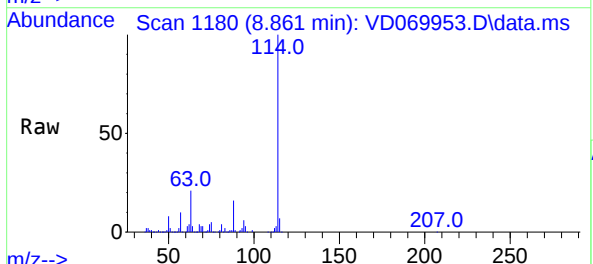
Tgt Ion: 65 Resp: 338915  
Ion Ratio Lower Upper  
65 100  
67 54.7 0.0 111.2

Manual Integrations  
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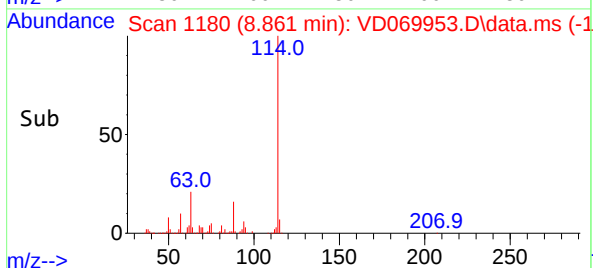
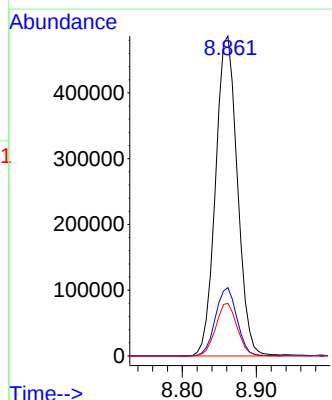
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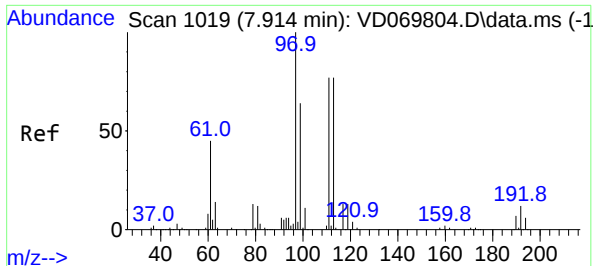


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

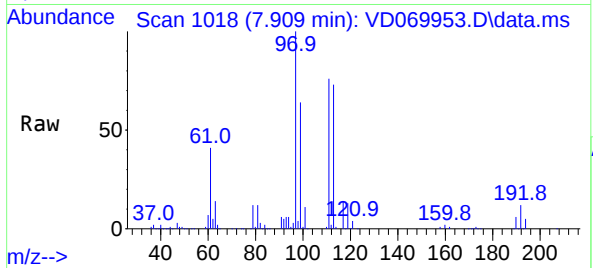


Tgt Ion: 114 Resp: 994810  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 41.6  
88 16.5 0.0 31.4

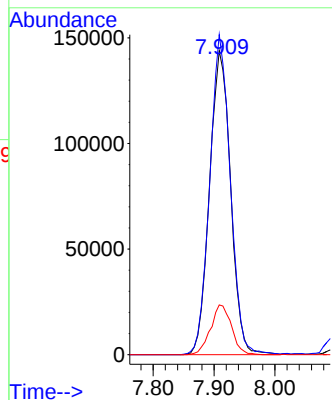




#35  
Dibromofluoromethane  
Concen: 55.278 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



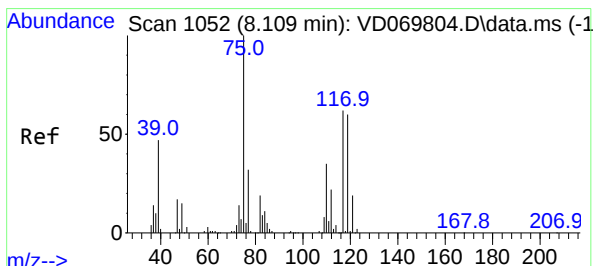
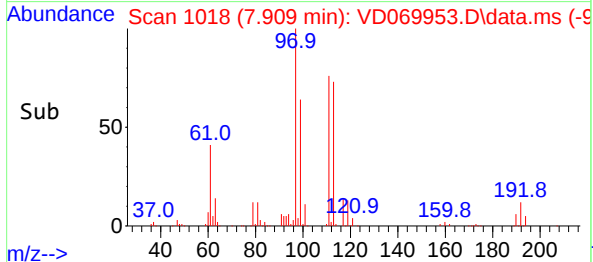
Tgt Ion:113 Resp: 346661  
Ion Ratio Lower Upper  
113 100  
111 102.7 80.5 120.7  
192 16.2 12.6 19.0



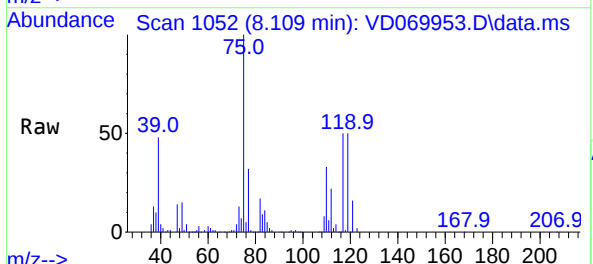
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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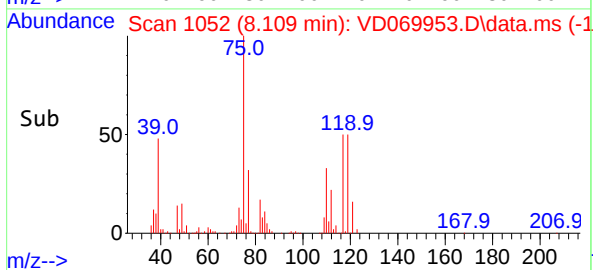
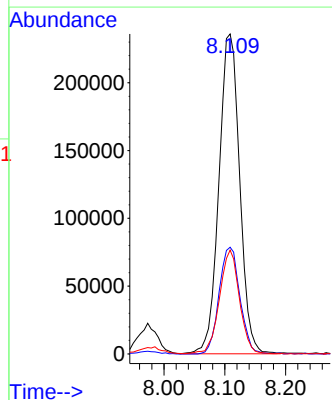
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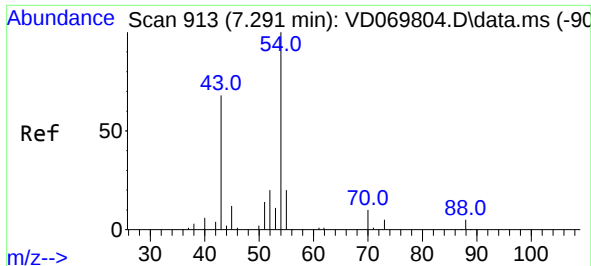


#36  
1,1-Dichloropropene  
Concen: 52.013 ug/l  
RT: 8.109 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



Tgt Ion: 75 Resp: 558386  
Ion Ratio Lower Upper  
75 100  
110 33.5 16.9 50.7  
77 31.1 24.9 37.3





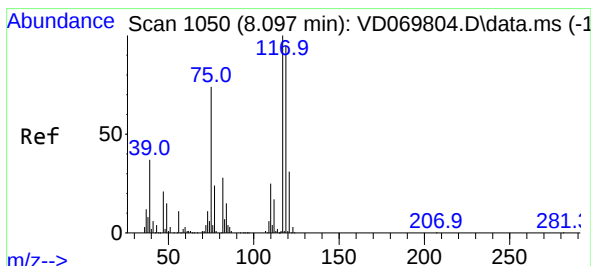
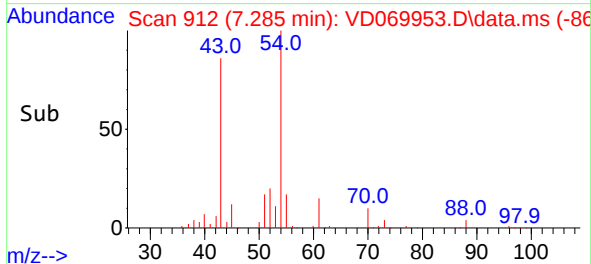
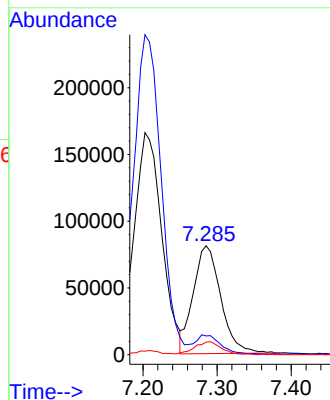
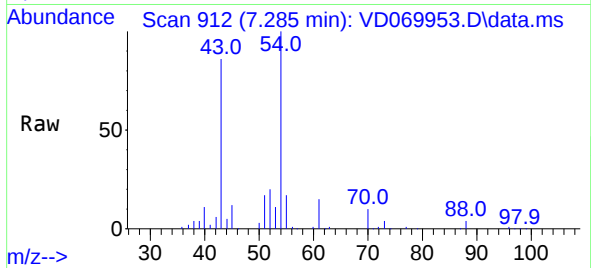
#37  
Ethyl Acetate  
Concen: 53.380 ug/l  
RT: 7.285 min Scan# 912  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 43 Resp: 208624  
Ion Ratio Lower Upper  
43 100  
61 16.4 11.8 17.8  
70 11.7 8.9 13.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

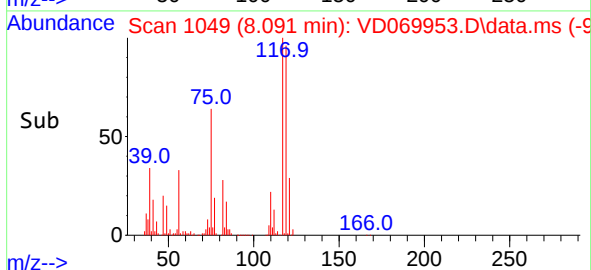
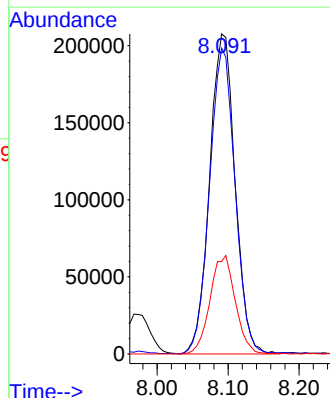
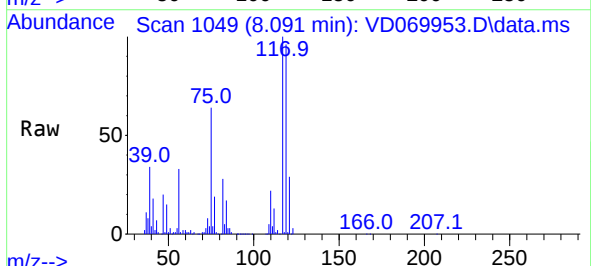
Manual Integrations  
APPROVED

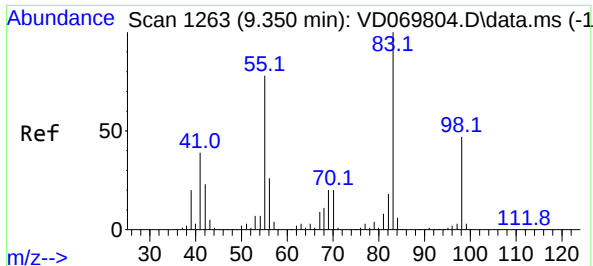
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 52.770 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 117 Resp: 517482  
Ion Ratio Lower Upper  
117 100  
119 95.5 76.2 114.2  
121 28.9 24.5 36.7





#39

Methylcyclohexane

Concen: 52.158 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VD069953.D

Acq: 02 Aug 2021 15:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 641294 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 78.0  | 62.2  | 93.2   |
| 98       | 47.1  | 37.8  | 56.8   |

Instrument :

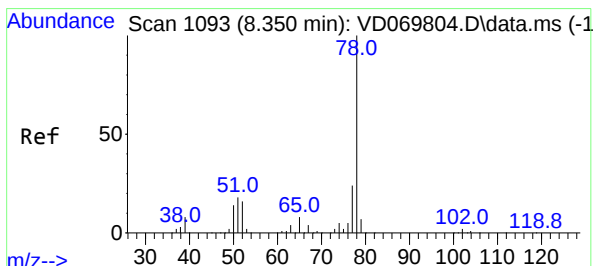
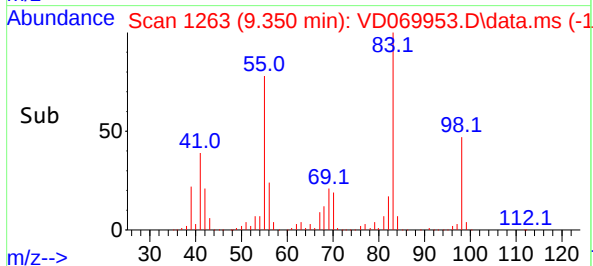
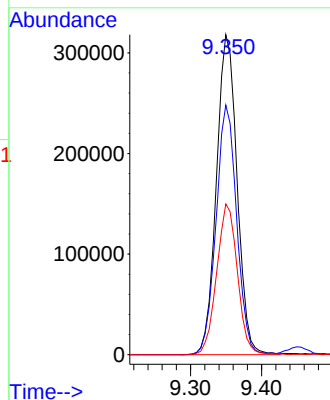
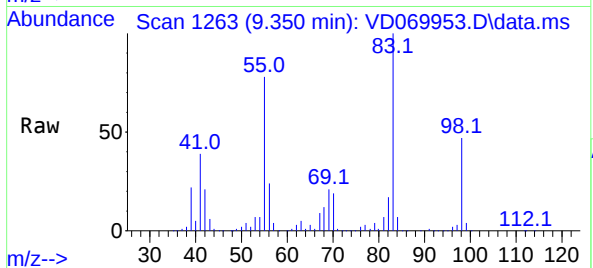
MSVOA\_D

ClientSampleId :

VSTDCCC050EC

Manual Integrations  
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#40

Benzene

Concen: 54.520 ug/l

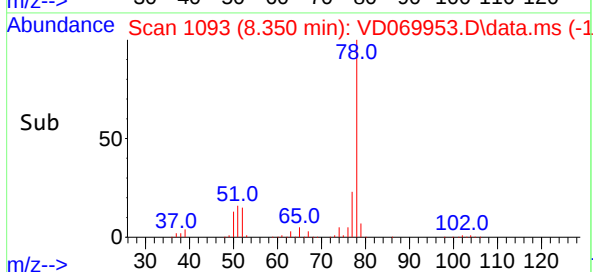
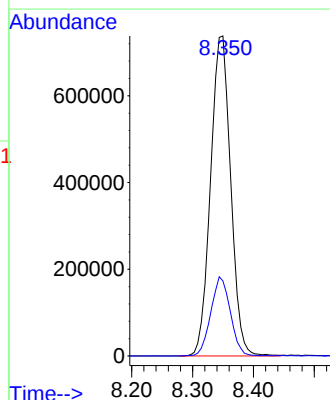
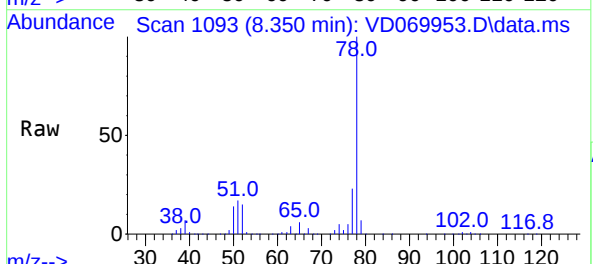
RT: 8.350 min Scan# 1093

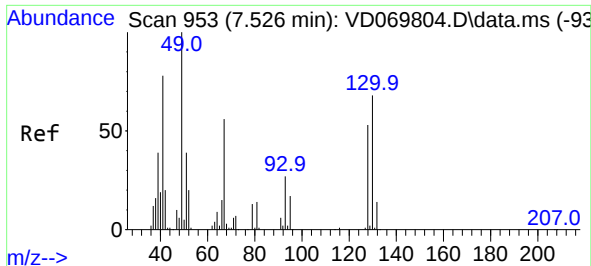
Delta R.T. 0.000 min

Lab File: VD069953.D

Acq: 02 Aug 2021 15:28

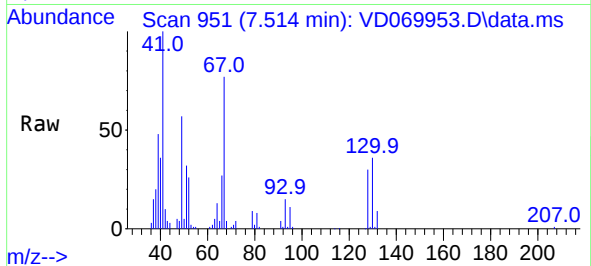
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 78    | Resp: | 1695679 |
| Ion      | Ratio | Lower | Upper   |
| 78       | 100   |       |         |
| 77       | 23.4  | 19.4  | 29.0    |





#41  
Methacrylonitrile  
Concen: 60.110 ug/l  
RT: 7.514 min Scan# 951  
Delta R.T. -0.012 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

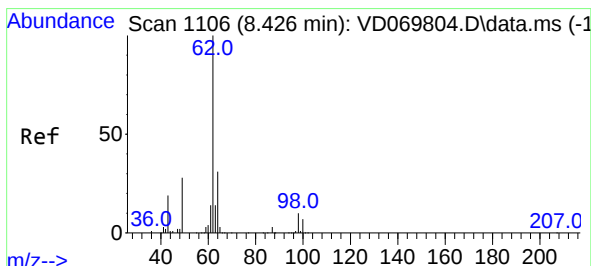
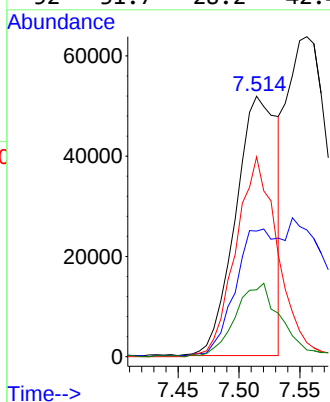
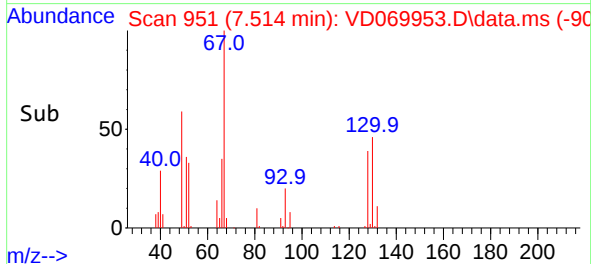
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



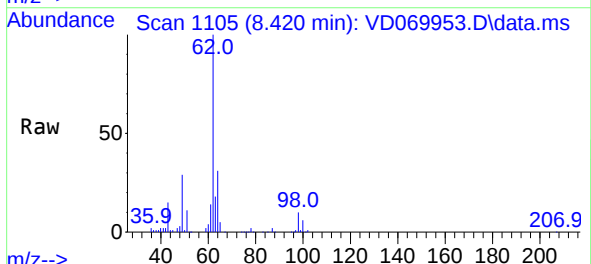
Tgt Ion: 41 Resp: 123286  
Ion Ratio Lower Upper  
41 100  
39 42.6 46.7 70.1#  
67 78.7 69.3 103.9  
52 31.7 28.2 42.4

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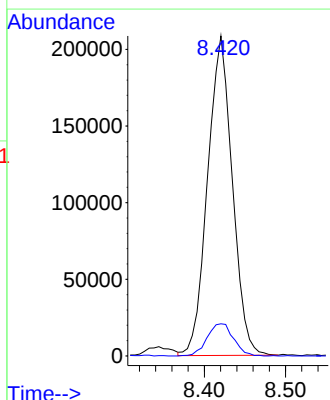
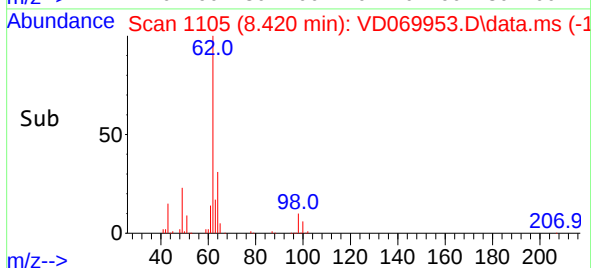
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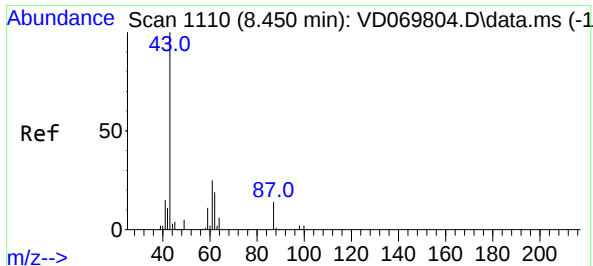


#42  
1,2-Dichloroethane  
Concen: 53.699 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



Tgt Ion: 62 Resp: 441692  
Ion Ratio Lower Upper  
62 100  
98 10.8 0.0 20.4





#43

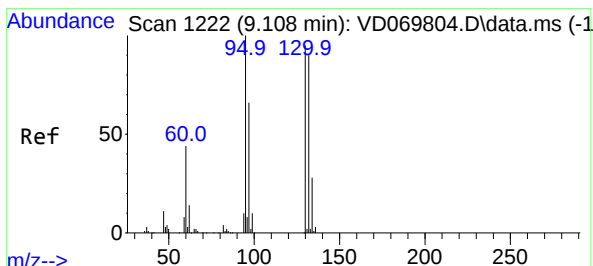
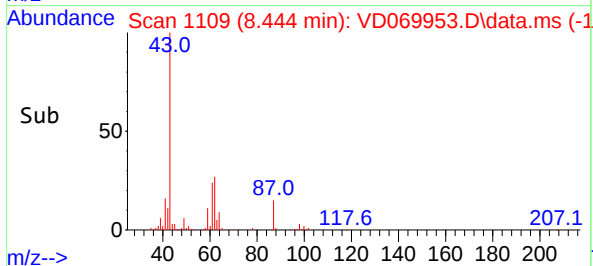
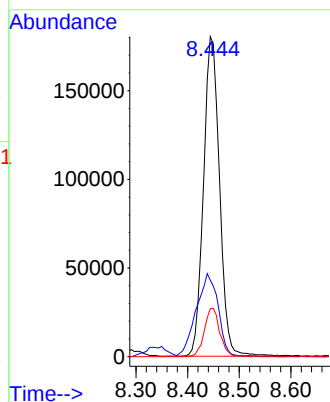
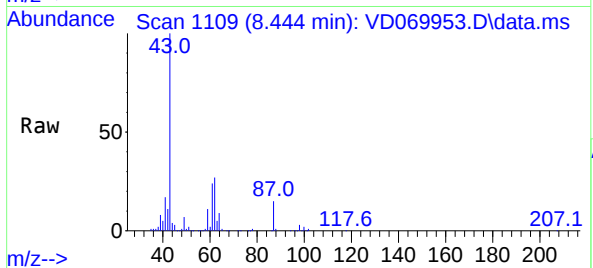
Isopropyl Acetate  
Concen: 55.464 ug/l  
RT: 8.444 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 43 Resp: 388769  
Ion Ratio Lower Upper  
43 100  
61 35.3 27.8 41.6  
87 14.6 11.3 16.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

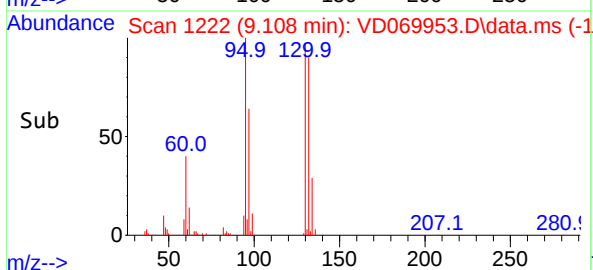
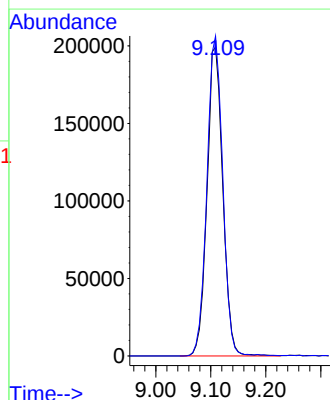
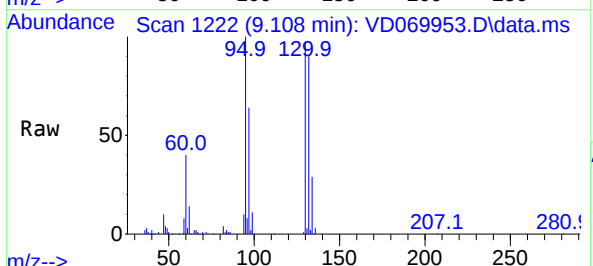
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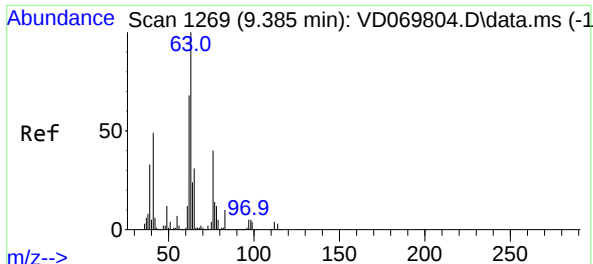


#44

Trichloroethene  
Concen: 51.790 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion:130 Resp: 396677  
Ion Ratio Lower Upper  
130 100  
95 103.6 0.0 210.8





#45

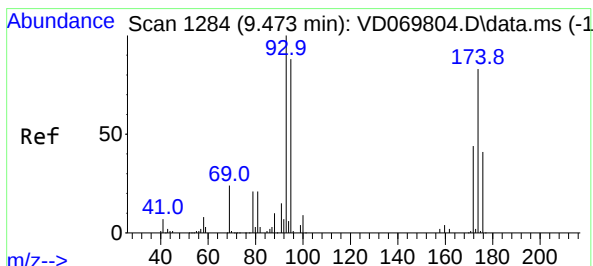
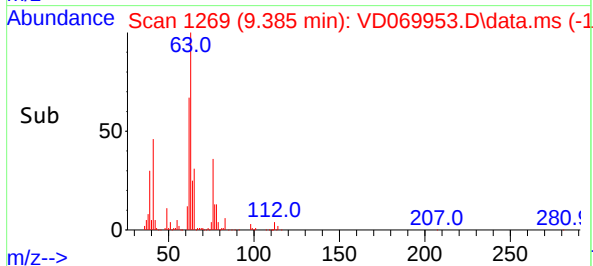
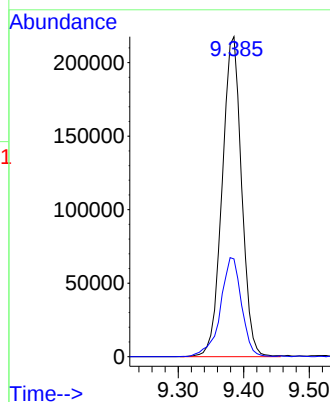
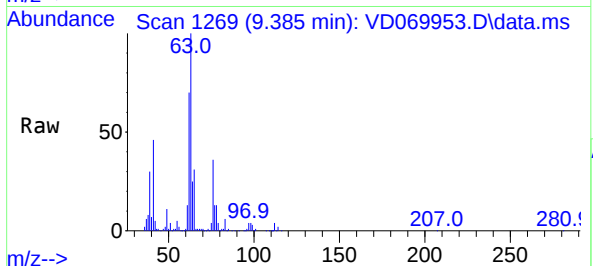
1,2-Dichloropropane  
Concen: 54.781 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 63 Resp: 447537  
Ion Ratio Lower Upper  
63 100  
65 30.5 24.9 37.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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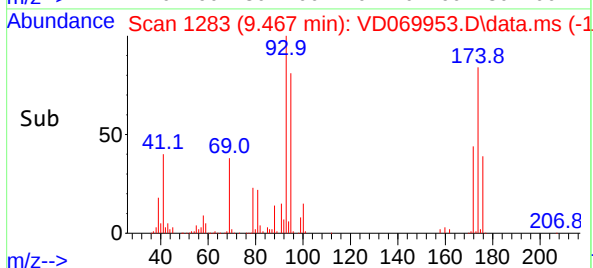
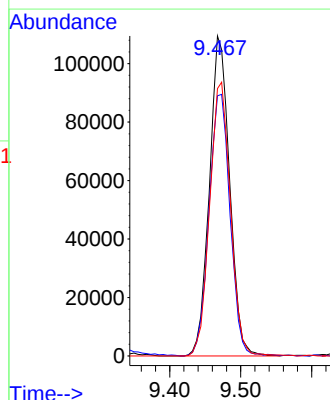
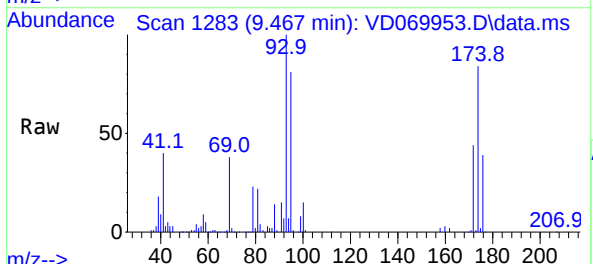
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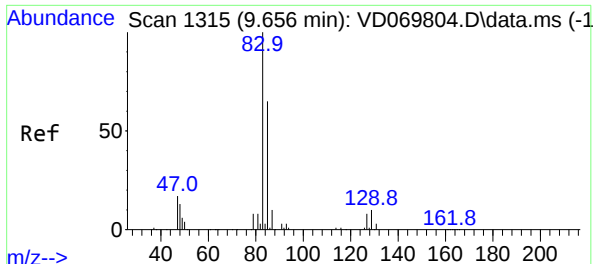


#46

Dibromomethane  
Concen: 53.906 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

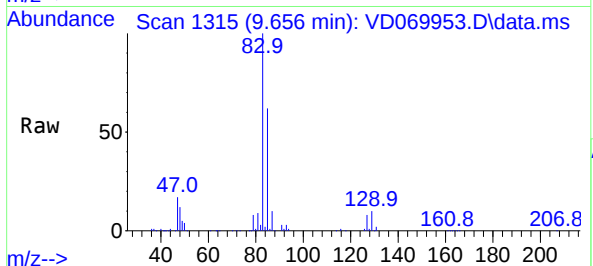
Tgt Ion: 93 Resp: 216474  
Ion Ratio Lower Upper  
93 100  
95 85.2 67.5 101.3  
174 87.8 66.3 99.5





#47  
Bromodichloromethane  
Concen: 55.087 ug/l  
RT: 9.656 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

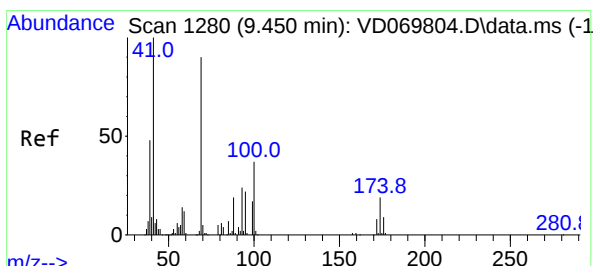
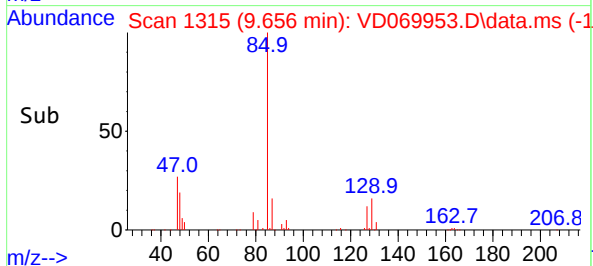
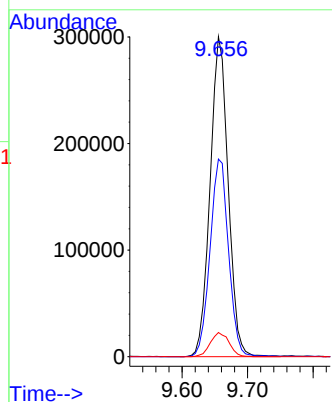
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



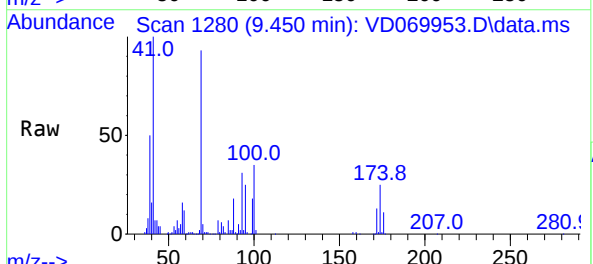
Tgt Ion: 83 Resp: 574744  
Ion Ratio Lower Upper  
83 100  
85 61.8 52.0 78.0  
127 7.6 6.6 10.0

Manual Integrations  
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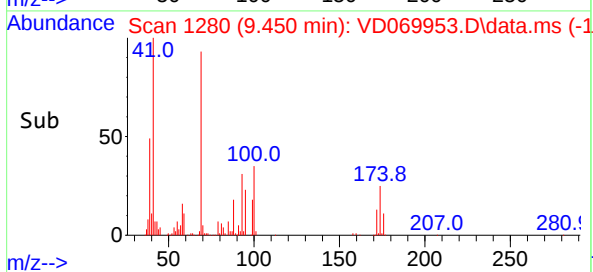
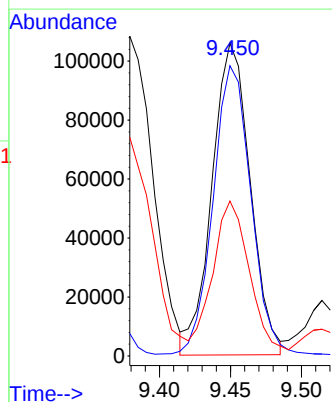
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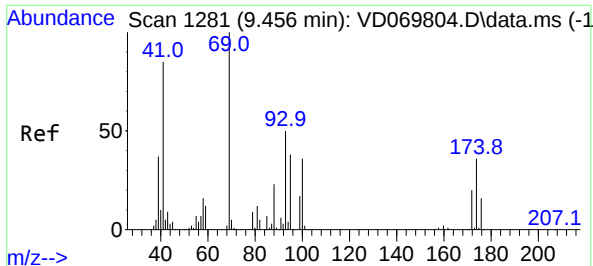


#48  
Methyl methacrylate  
Concen: 52.830 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

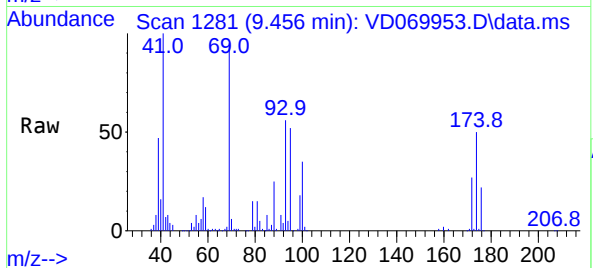


Tgt Ion: 41 Resp: 197783  
Ion Ratio Lower Upper  
41 100  
69 92.2 73.4 110.2  
39 44.2 36.6 55.0

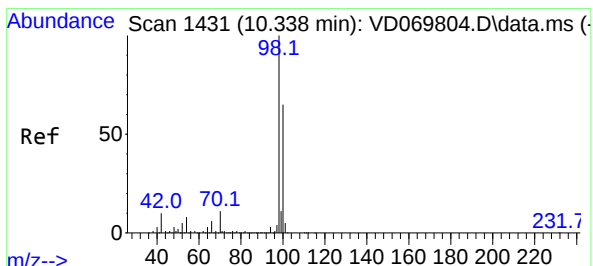
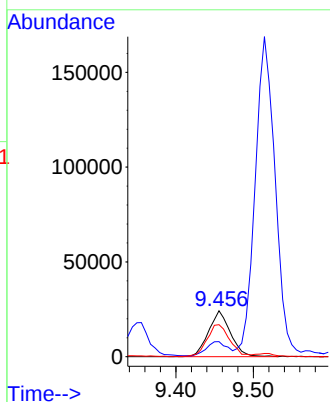
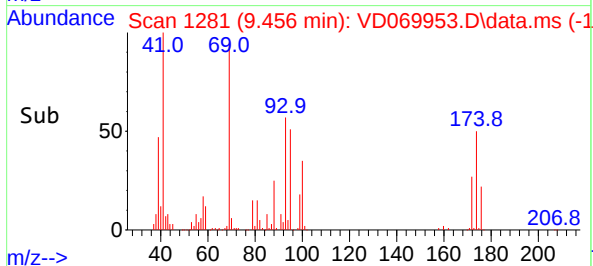




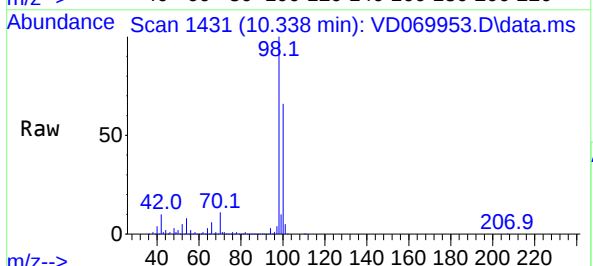
#49  
1,4-Dioxane  
Concen: 1119.883 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



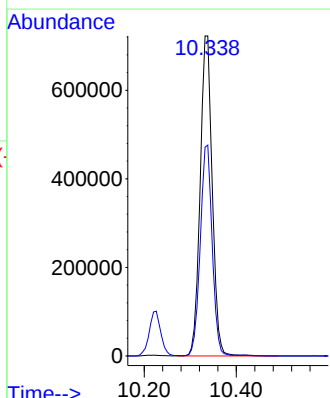
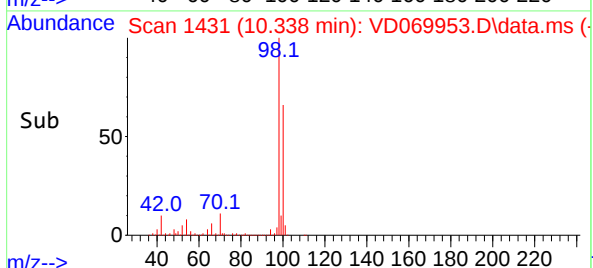
Tgt Ion: 88 Resp: 47513  
Ion Ratio Lower Upper  
88 100  
43 29.0 26.8 40.2  
58 72.8 59.8 89.6



#50  
Toluene-d8  
Concen: 54.608 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



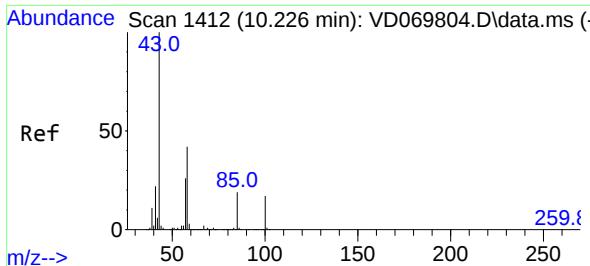
Tgt Ion: 98 Resp: 1320505  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.9 77.9



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

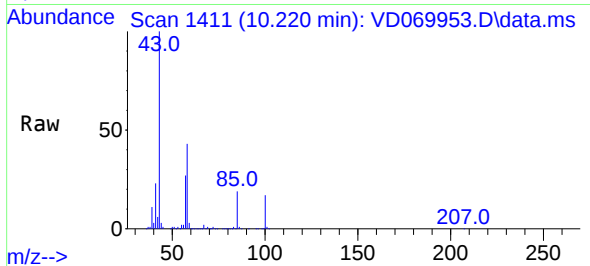
Manual Integrations  
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#51  
4-Methyl-2-Pentanone  
Concen: 290.913 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

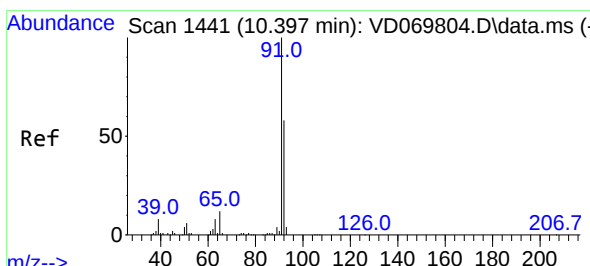
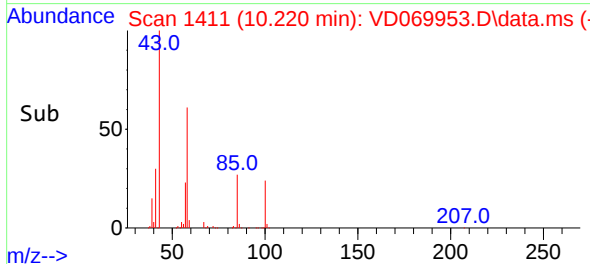
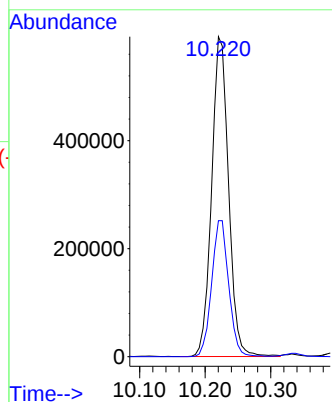
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 1061117  
Ion Ratio Lower Upper  
43 100  
58 42.9 33.7 50.5

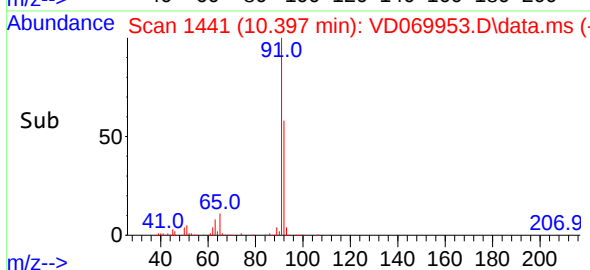
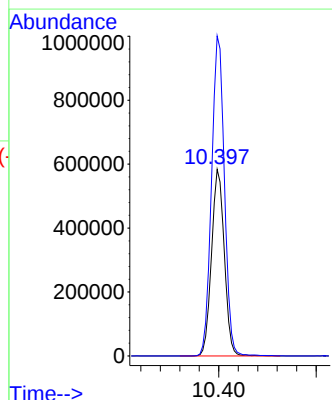
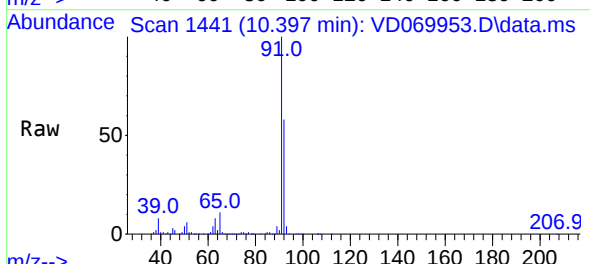
Manual Integrations  
APPROVED

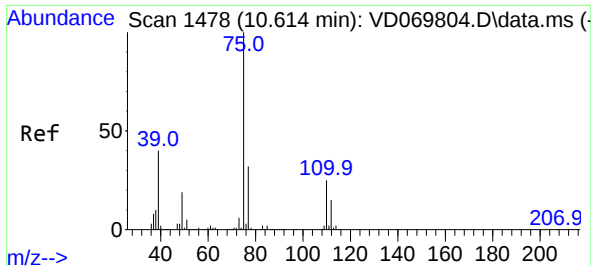
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#52  
Toluene  
Concen: 56.046 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

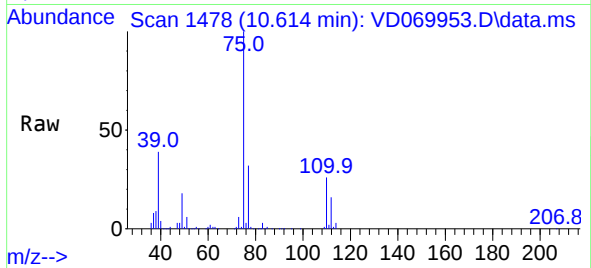
Tgt Ion: 92 Resp: 1057422  
Ion Ratio Lower Upper  
92 100  
91 173.0 138.7 208.1





#53  
t-1,3-Dichloropropene  
Concen: 58.493 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

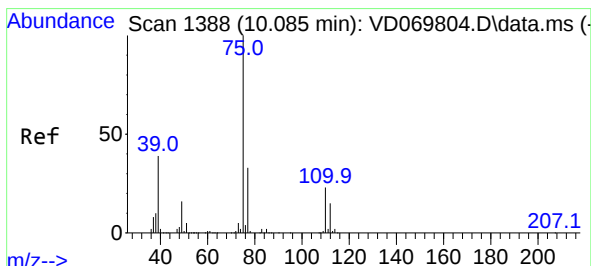
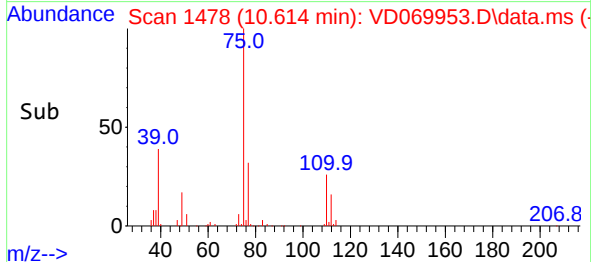
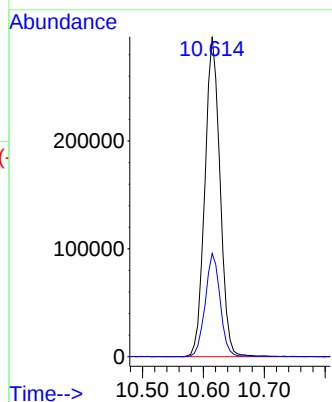
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



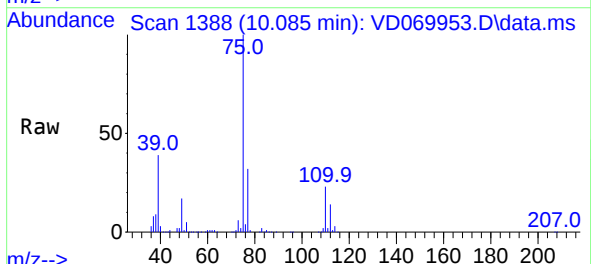
Tgt Ion: 75 Resp: 512259  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.8 38.6

Manual Integrations  
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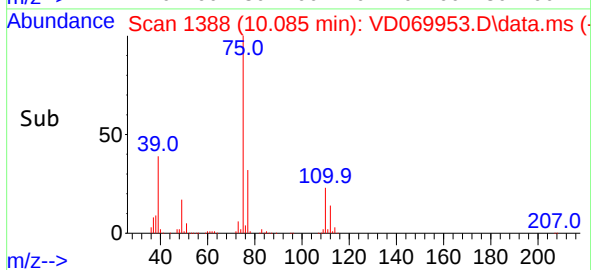
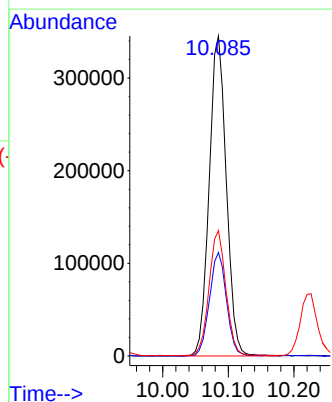
MMDadoda  
8/3/2021 4:50:04 PM

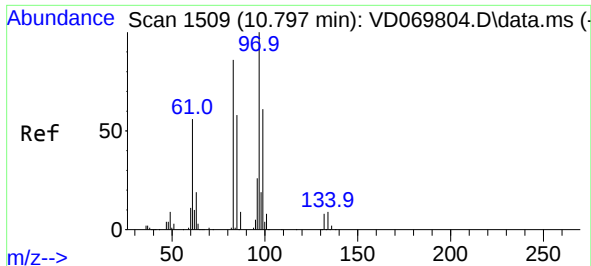


#54  
cis-1,3-Dichloropropene  
Concen: 59.035 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

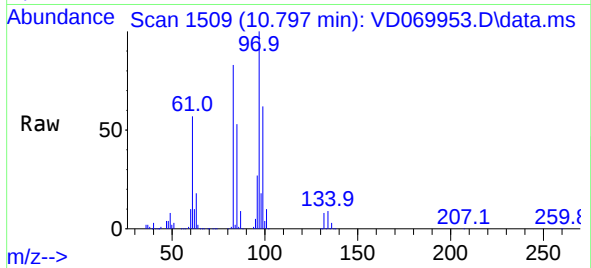


Tgt Ion: 75 Resp: 625924  
Ion Ratio Lower Upper  
75 100  
77 32.3 26.3 39.5  
39 39.1 31.0 46.6



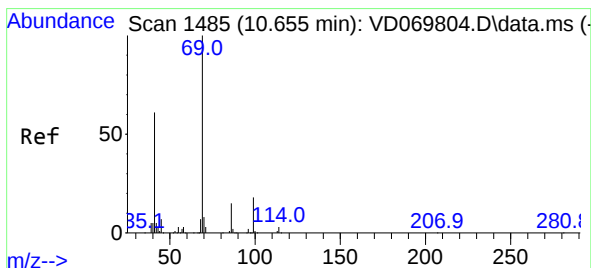
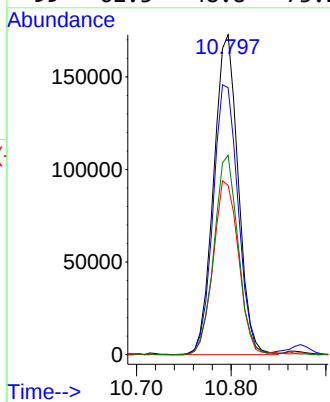
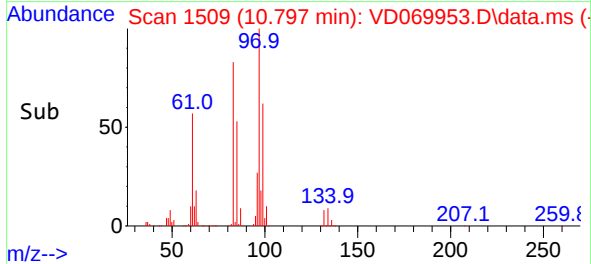


#55  
1,1,2-Trichloroethane  
Concen: 54.814 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

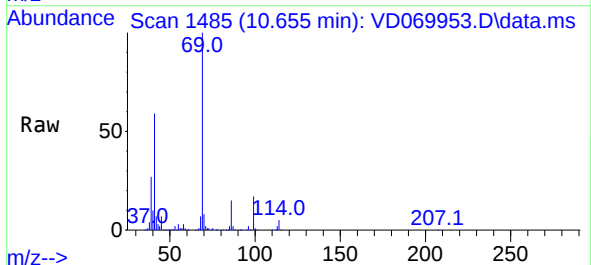


Tgt Ion: 97 Resp: 310909

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.3  | 69.1  | 103.7 |
| 85  | 52.9  | 46.2  | 69.2  |
| 99  | 62.3  | 48.8  | 73.2  |

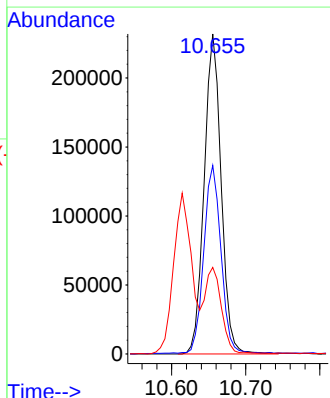
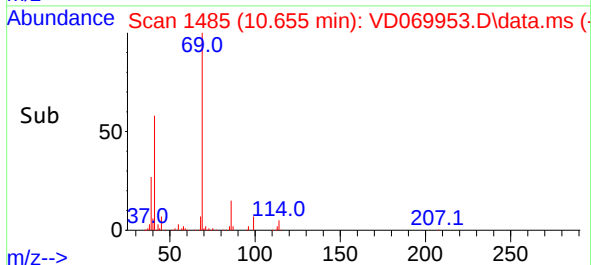


#56  
Ethyl methacrylate  
Concen: 52.478 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



Tgt Ion: 69 Resp: 369482

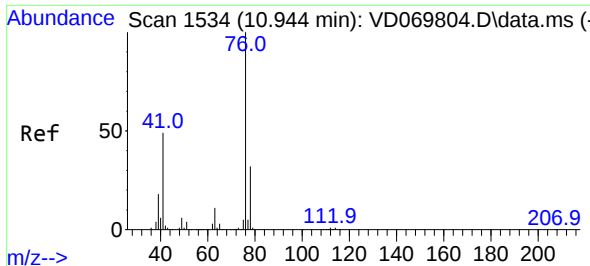
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.5  | 50.2  | 75.2  |
| 39  | 26.1  | 22.0  | 33.0  |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

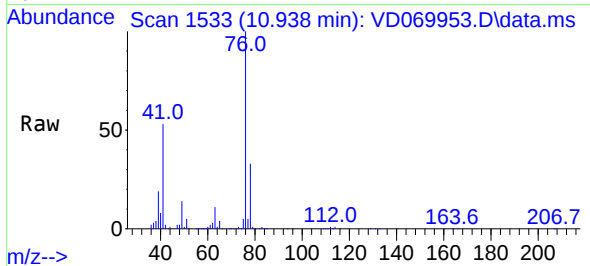
Manual Integrations  
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#57  
1,3-Dichloropropane  
Concen: 55.375 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

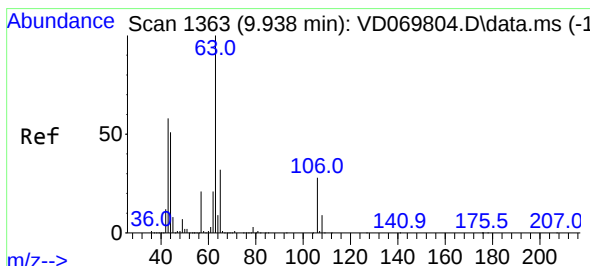
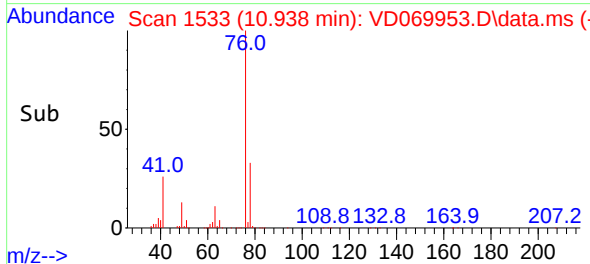
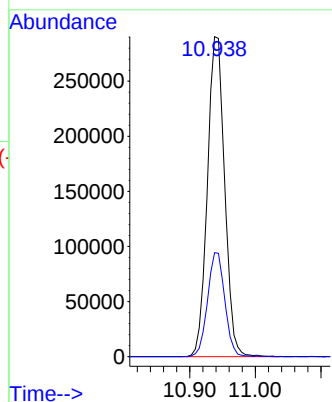
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 531477  
Ion Ratio Lower Upper  
76 100  
78 32.6 26.2 39.2

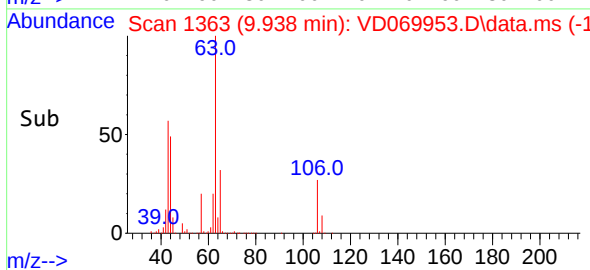
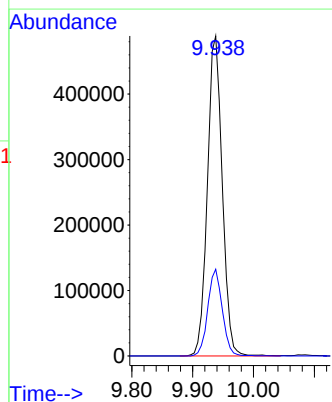
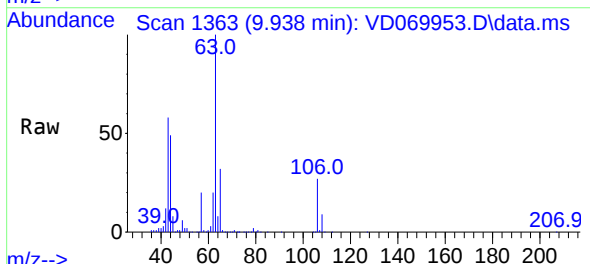
Manual Integrations  
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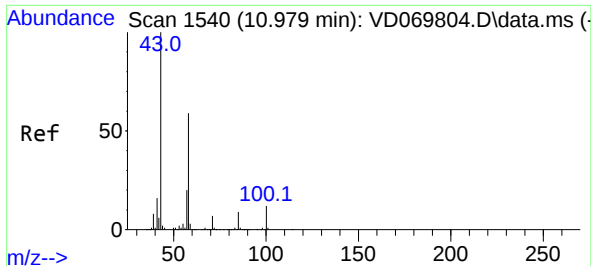
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#58  
2-Chloroethyl Vinyl ether  
Concen: 266.663 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 63 Resp: 827202  
Ion Ratio Lower Upper  
63 100  
106 26.5 21.8 32.6





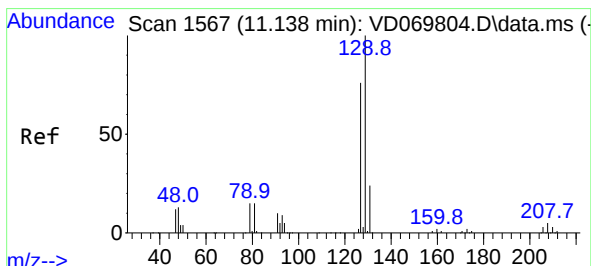
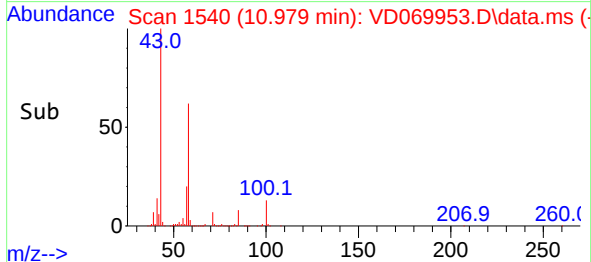
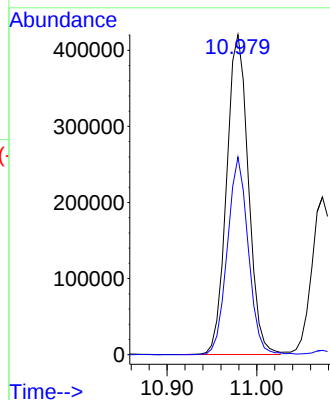
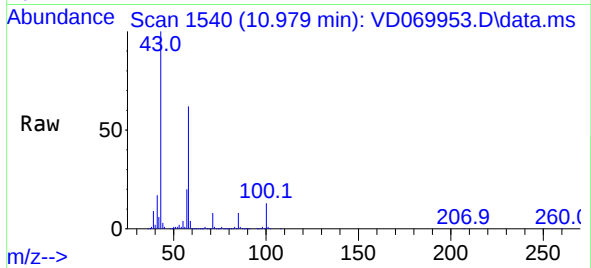
#59  
2-Hexanone  
Concen: 293.173 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 43 Resp: 707335  
Ion Ratio Lower Upper  
43 100  
58 59.5 29.4 88.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

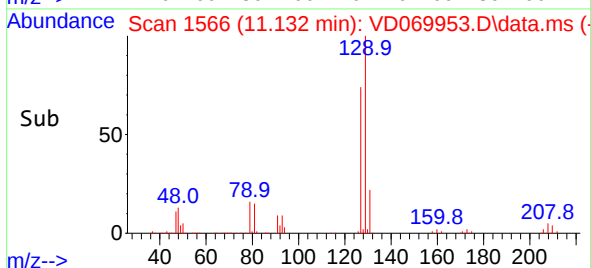
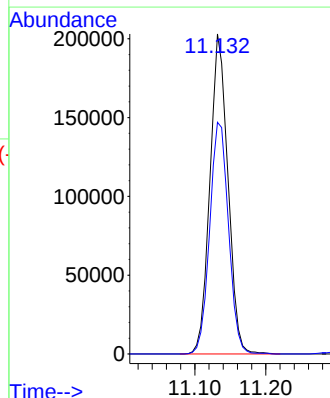
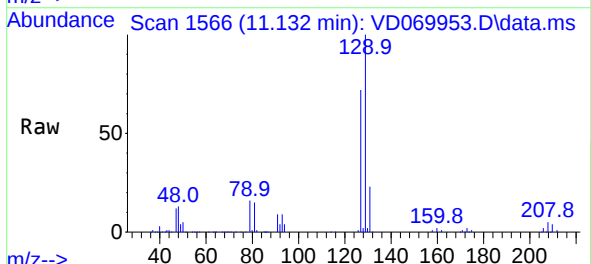
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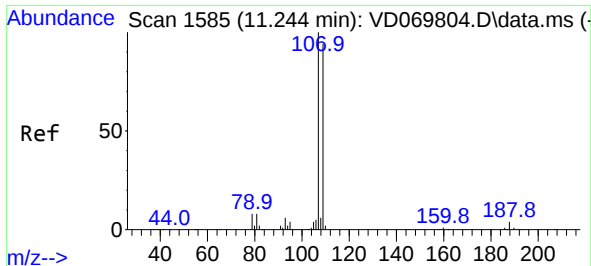
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#60  
Dibromochloromethane  
Concen: 55.537 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

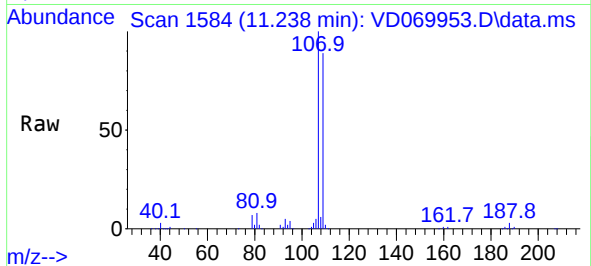
Tgt Ion: 129 Resp: 356750  
Ion Ratio Lower Upper  
129 100  
127 75.7 38.7 116.1





#61  
1,2-Dibromoethane  
Concen: 55.861 ug/l  
RT: 11.238 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

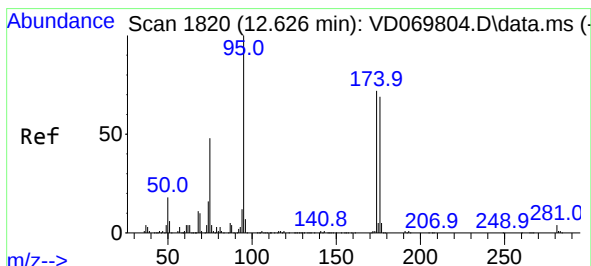
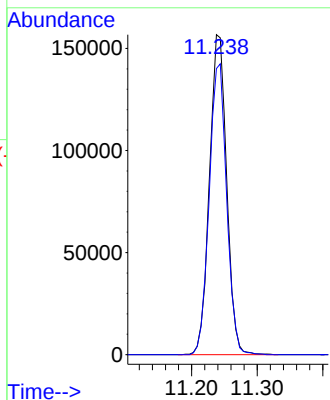
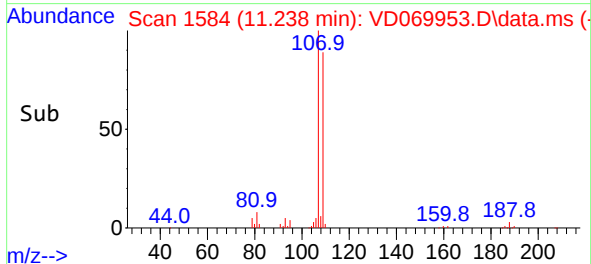
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



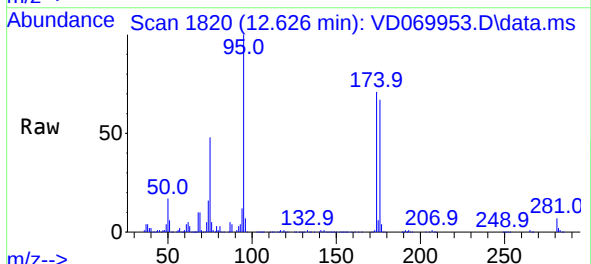
Tgt Ion:107 Resp: 285268  
Ion Ratio Lower Upper  
107 100  
109 92.3 74.5 111.7

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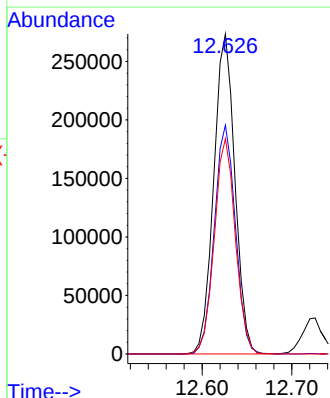
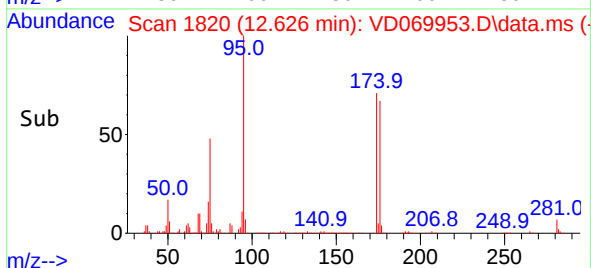
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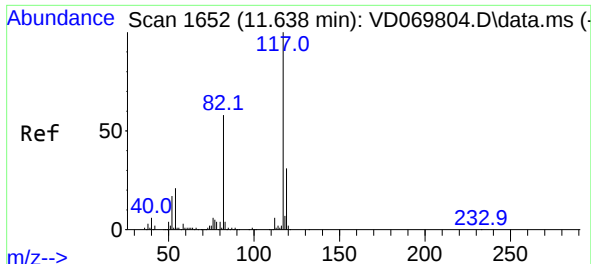


#62  
4-Bromofluorobenzene  
Concen: 55.349 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

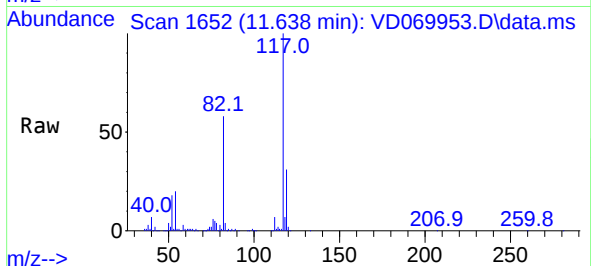


Tgt Ion: 95 Resp: 447309  
Ion Ratio Lower Upper  
95 100  
174 71.4 0.0 142.6  
176 66.9 0.0 134.2

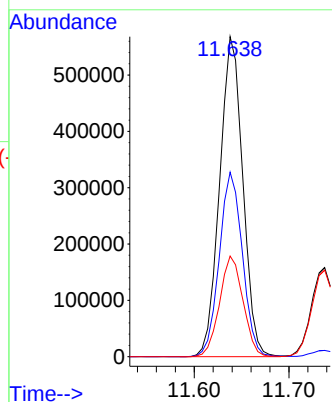
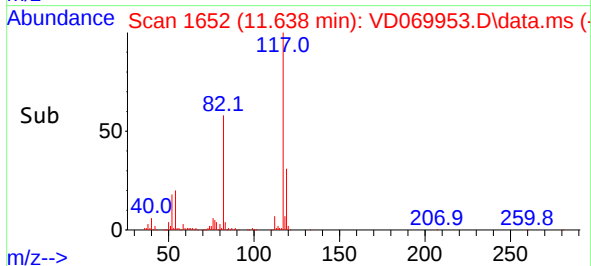




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



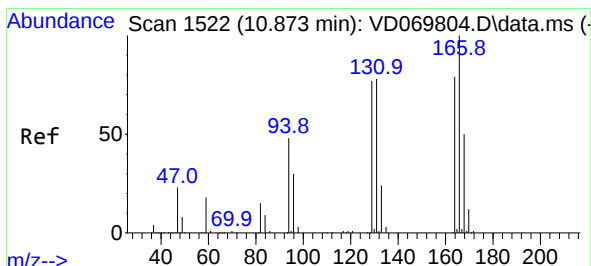
Tgt Ion:117 Resp: 966152  
Ion Ratio Lower Upper  
117 100  
82 57.7 46.3 69.5  
119 31.4 24.7 37.1



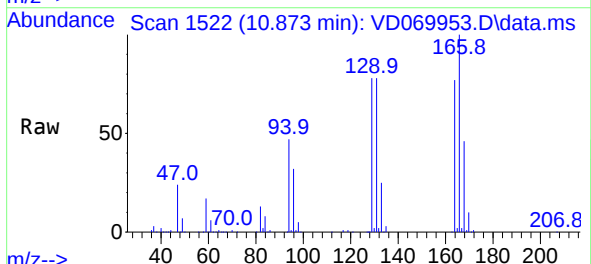
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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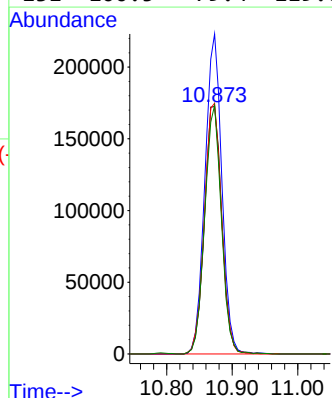
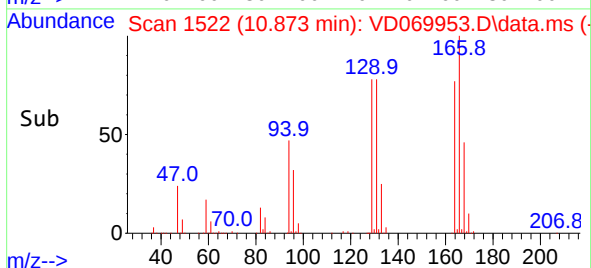
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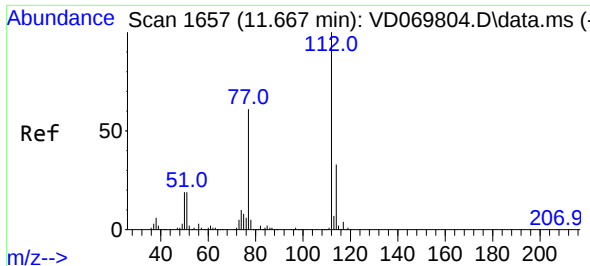


#64  
Tetrachloroethene  
Concen: 51.768 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



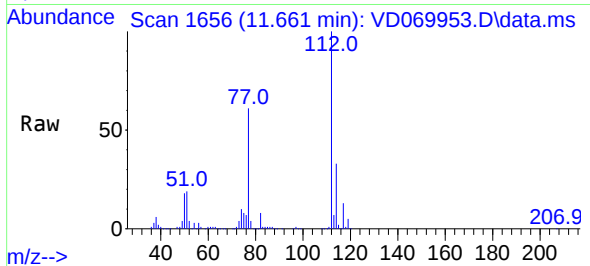
Tgt Ion:164 Resp: 318826  
Ion Ratio Lower Upper  
164 100  
166 129.4 101.8 152.8  
129 101.4 78.8 118.2  
131 100.5 79.4 119.0





#65  
Chlorobenzene  
Concen: 53.087 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

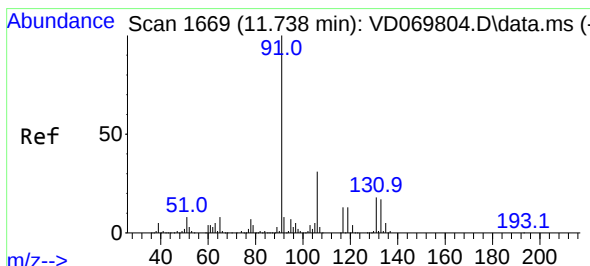
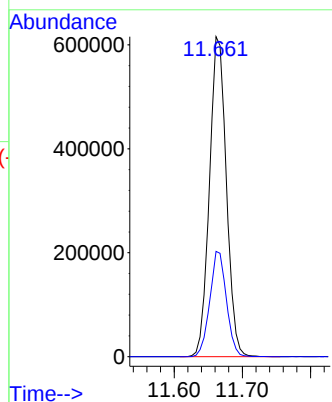
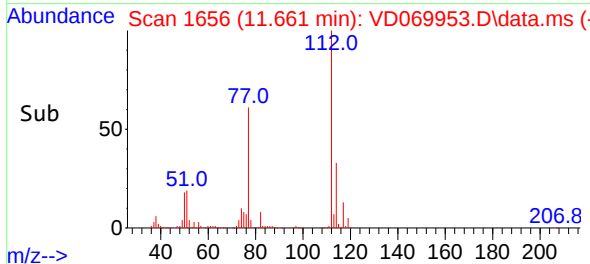
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



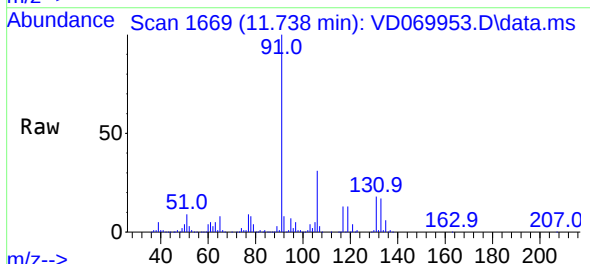
Tgt Ion:112 Resp: 1062623  
Ion Ratio Lower Upper  
112 100  
114 32.9 26.5 39.7

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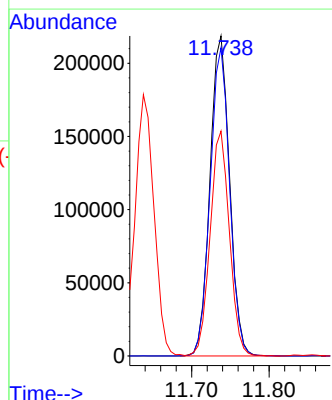
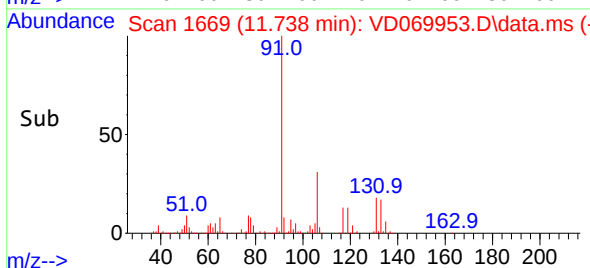
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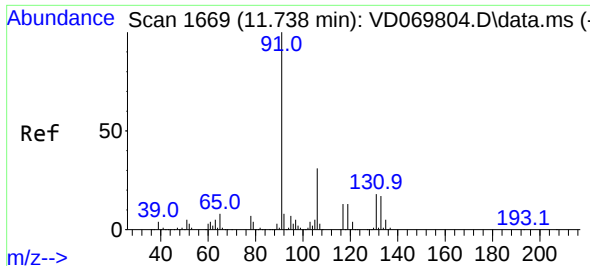


#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.315 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



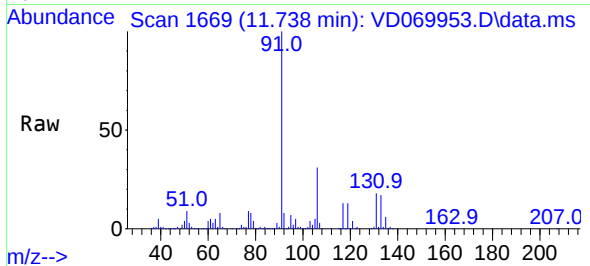
Tgt Ion:131 Resp: 383907  
Ion Ratio Lower Upper  
131 100  
133 95.7 46.4 139.1  
119 69.1 34.2 102.5





#67  
Ethyl Benzene  
Concen: 55.745 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

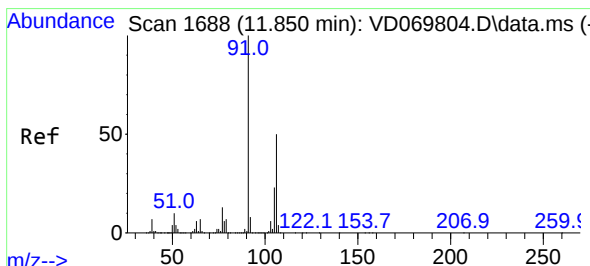
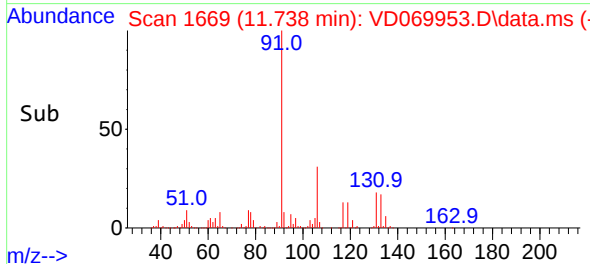
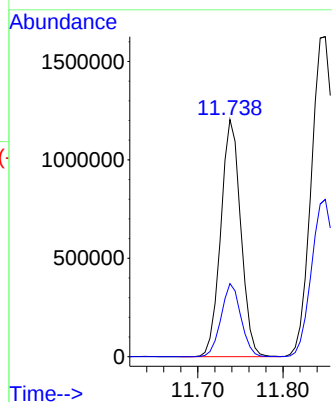
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 91 Resp: 1964469  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.9 37.3

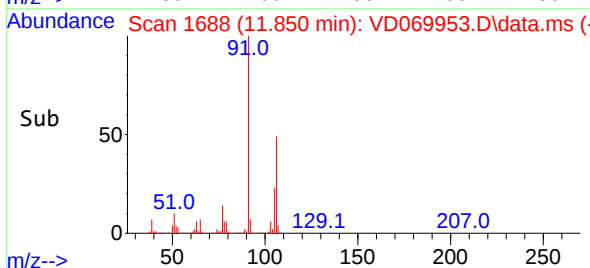
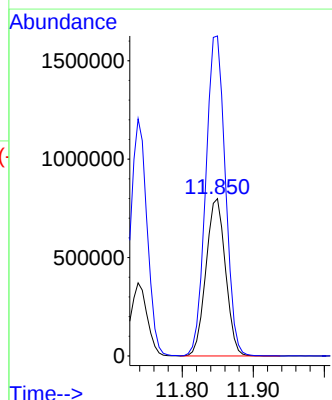
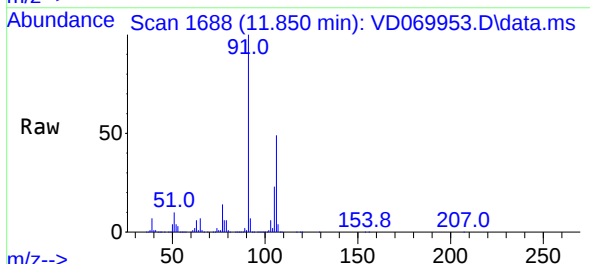
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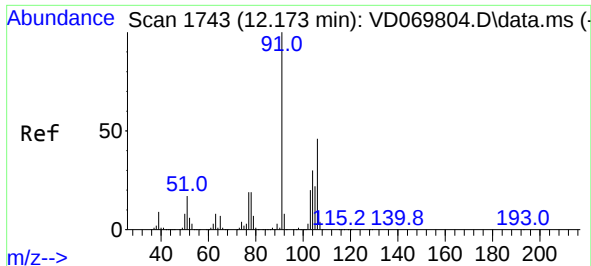
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#68  
m/p-Xylenes  
Concen: 111.721 ug/l  
RT: 11.850 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 106 Resp: 1526251  
Ion Ratio Lower Upper  
106 100  
91 204.1 162.4 243.6





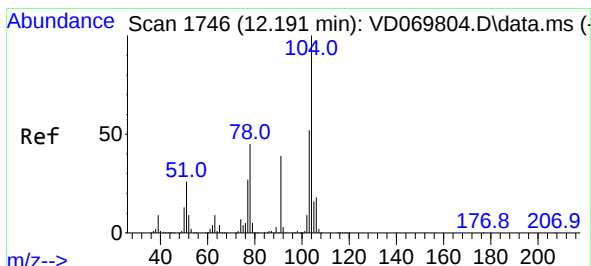
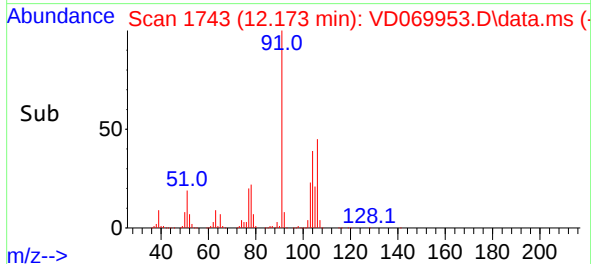
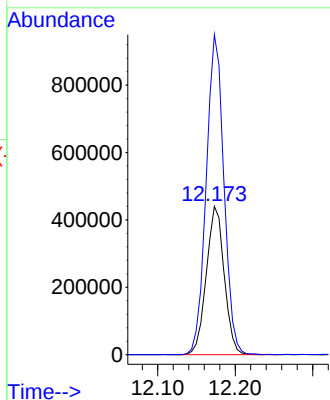
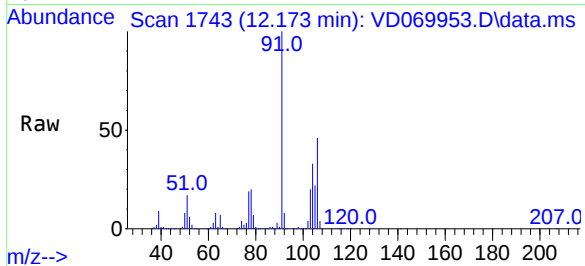
#69  
o-Xylene  
Concen: 56.829 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 705804  
Ion Ratio Lower Upper  
106 100  
91 213.2 107.6 322.8

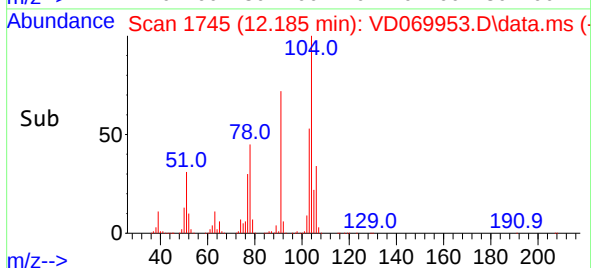
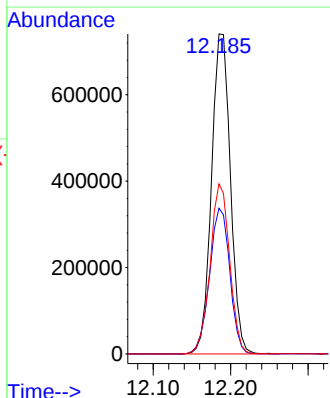
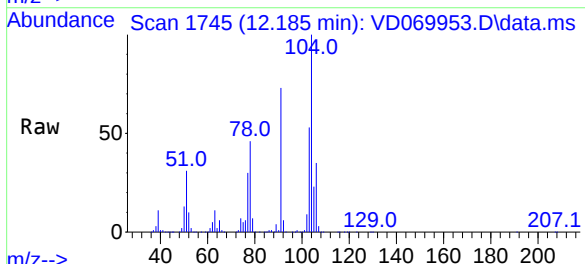
Manual Integrations  
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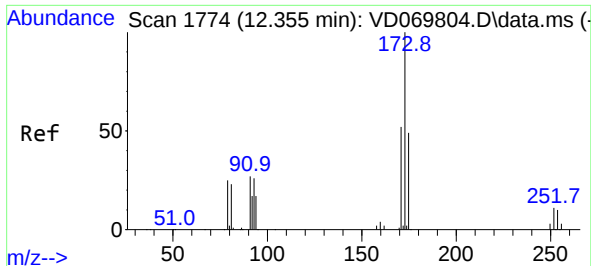
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#70  
Styrene  
Concen: 58.453 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

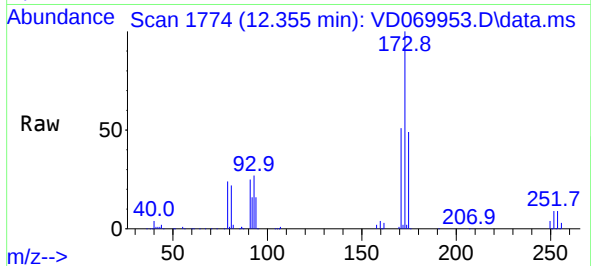
Tgt Ion:104 Resp: 1258100  
Ion Ratio Lower Upper  
104 100  
78 48.8 39.7 59.5  
103 54.7 44.0 66.0





#71  
Bromoform  
Concen: 53.120 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

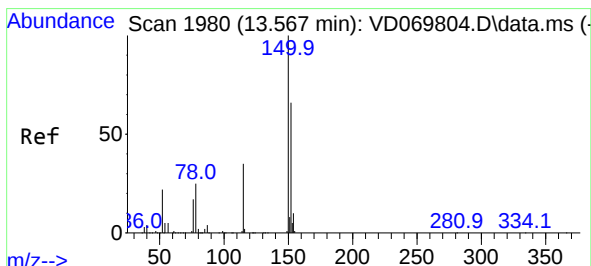
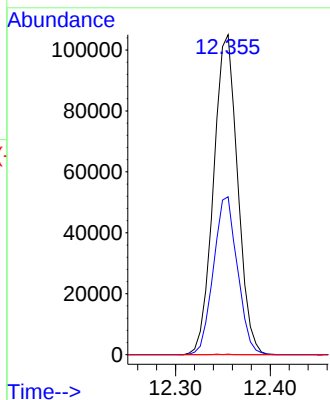
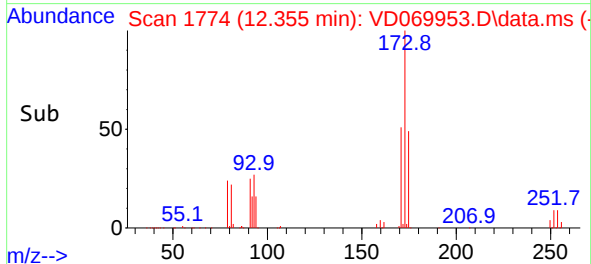
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



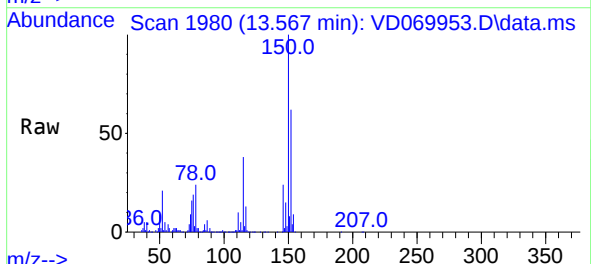
Tgt Ion:173 Resp: 185760  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.1 72.3  
254 0.1 0.1 0.1#

Manual Integrations  
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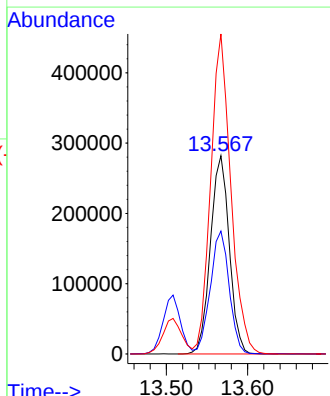
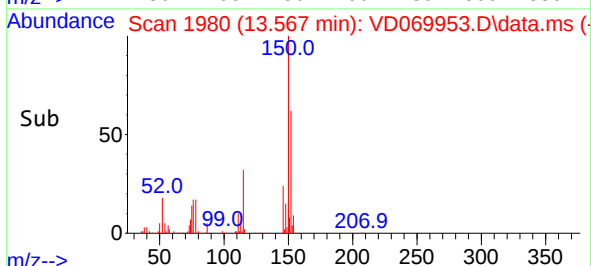
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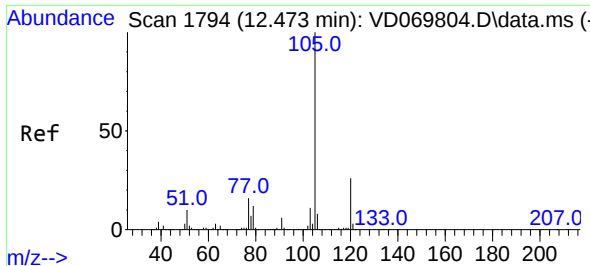


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



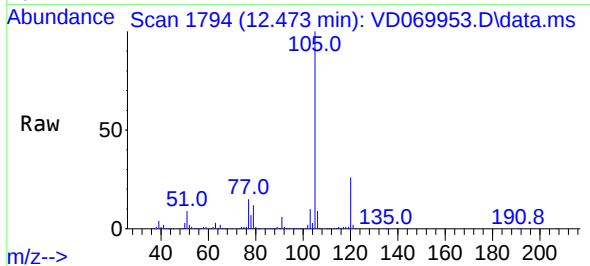
Tgt Ion:152 Resp: 454202  
Ion Ratio Lower Upper  
152 100  
115 62.2 31.1 93.3  
150 172.6 0.0 343.0





#73  
Isopropylbenzene  
Concen: 55.412 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

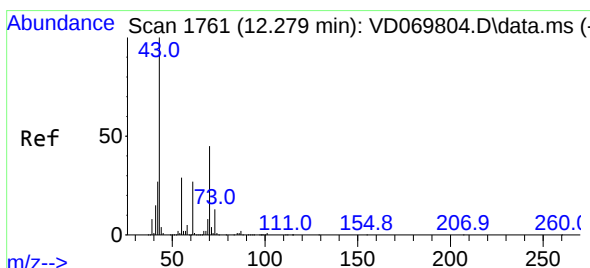
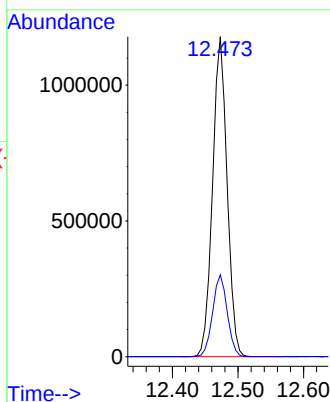
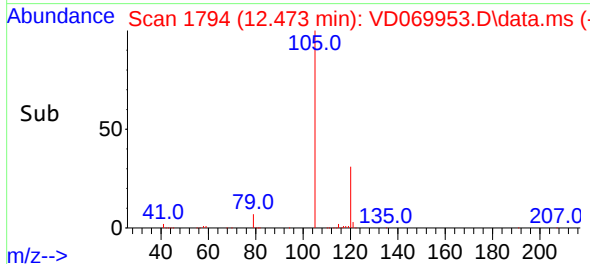
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



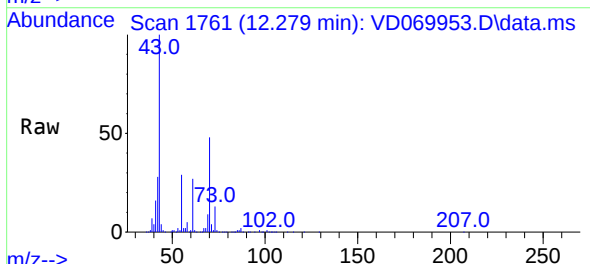
Tgt Ion: 105 Resp: 1808380  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.0 38.9

Manual Integrations  
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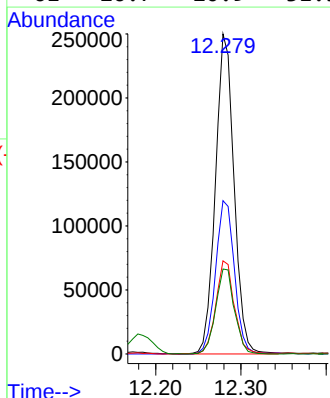
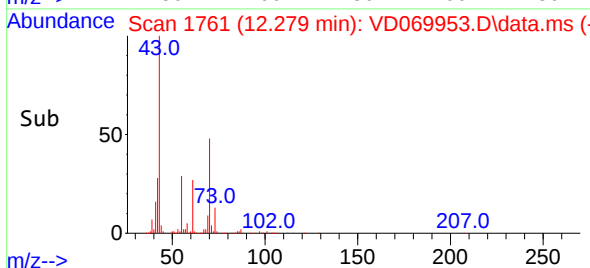
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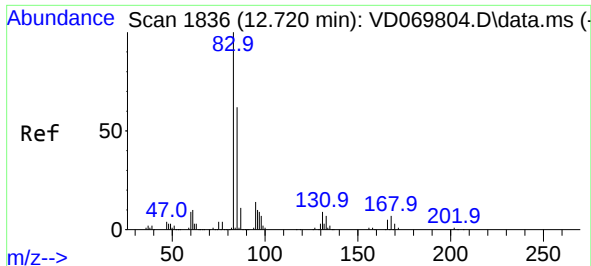


#74  
N-ethyl acetate  
Concen: 56.502 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

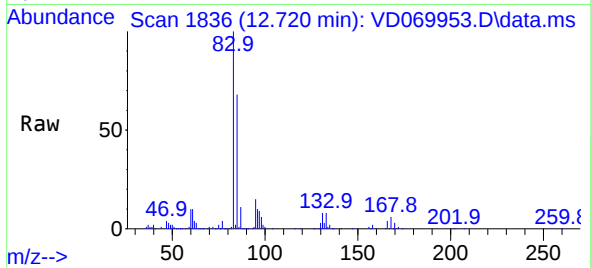


Tgt Ion: 43 Resp: 379284  
Ion Ratio Lower Upper  
43 100  
70 48.6 37.9 56.9  
55 29.2 23.7 35.5  
61 26.7 20.9 31.3

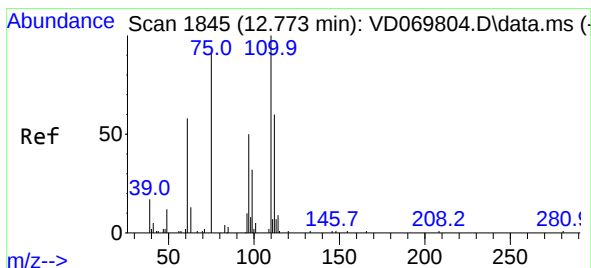
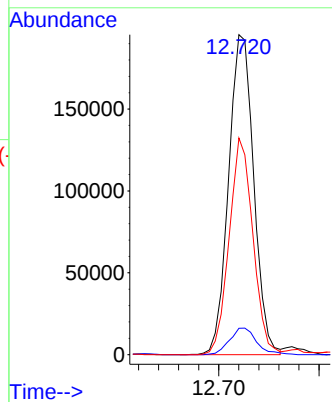
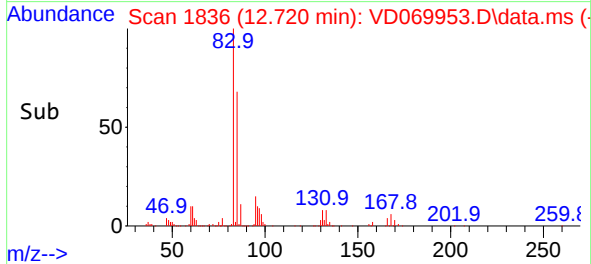




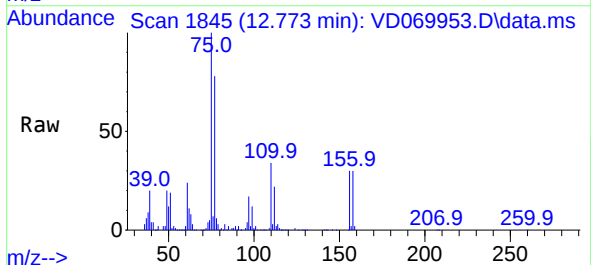
#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.290 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



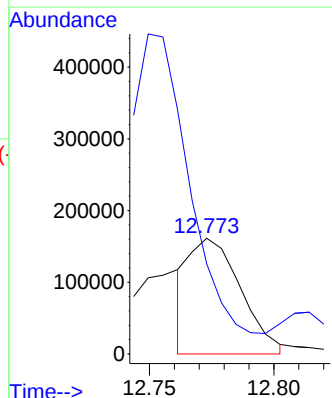
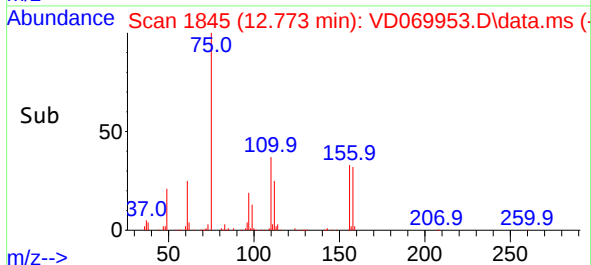
Tgt Ion: 83 Resp: 340792  
Ion Ratio Lower Upper  
83 100  
131 8.9 4.9 14.6  
85 64.3 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 48.218 ug/l m  
RT: 12.773 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



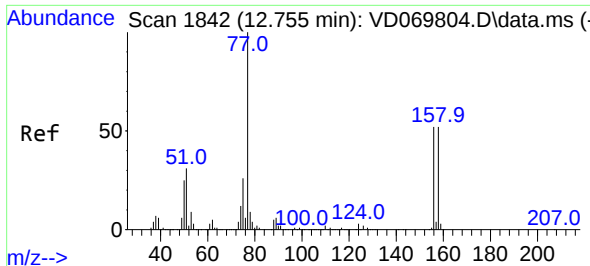
Tgt Ion: 75 Resp: 232788  
Ion Ratio Lower Upper  
75 100  
77 0.0 181.5 544.5#



Instrument :  
MSVOA\_D  
ClientSampleId :  
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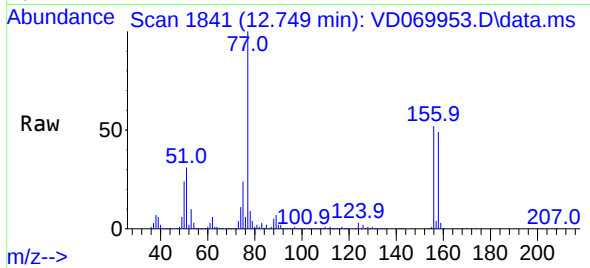
Manual Integrations  
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#77  
Bromobenzene  
Concen: 53.566 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

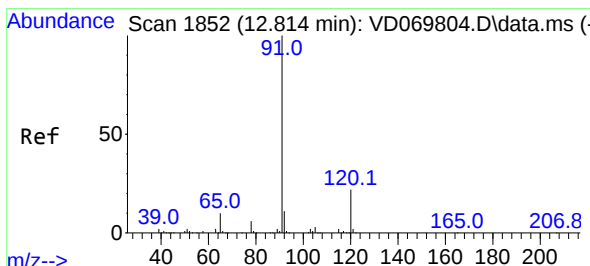
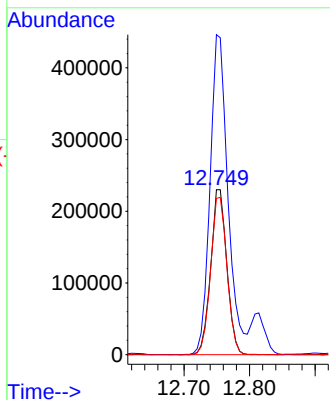
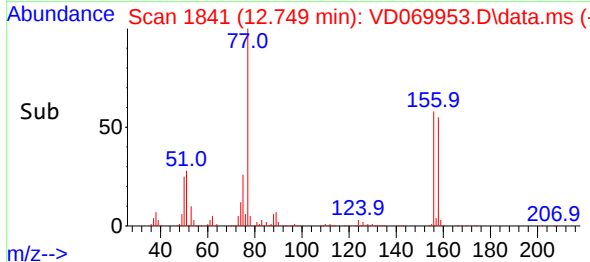
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



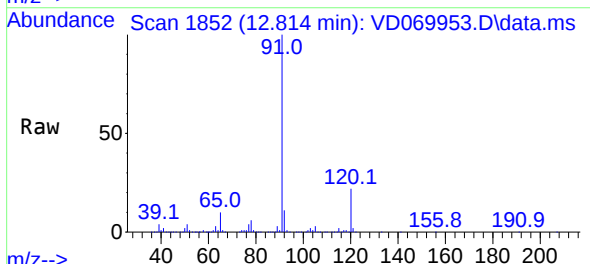
Tgt Ion:156 Resp: 393720  
Ion Ratio Lower Upper  
156 100  
77 214.5 107.1 321.3  
158 96.1 48.1 144.3

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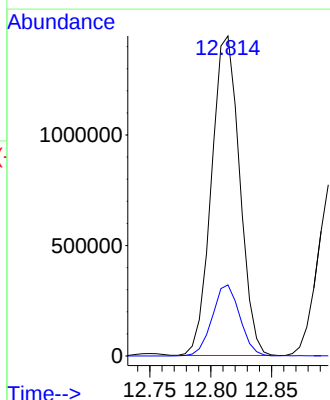
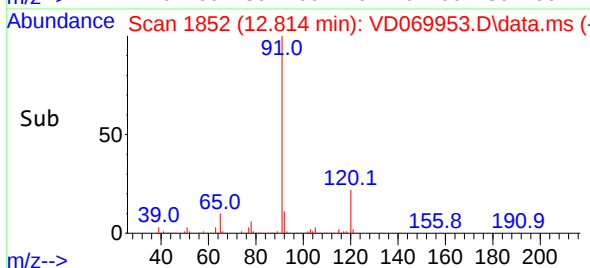
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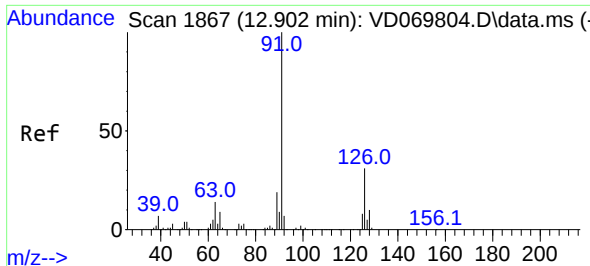


#78  
n-propylbenzene  
Concen: 55.557 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



Tgt Ion: 91 Resp: 2328717  
Ion Ratio Lower Upper  
91 100  
120 21.8 10.9 32.7





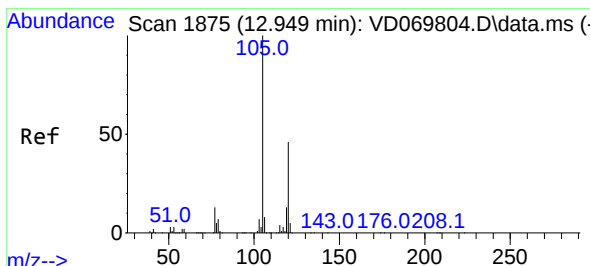
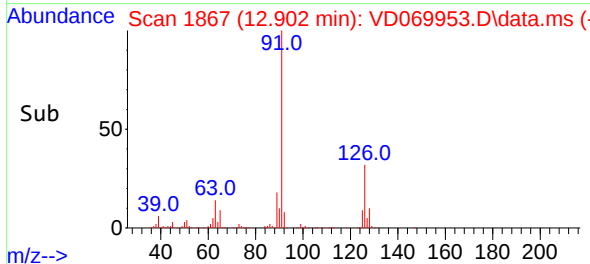
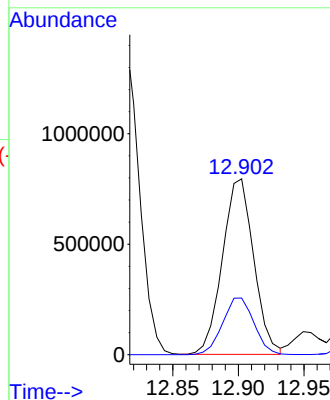
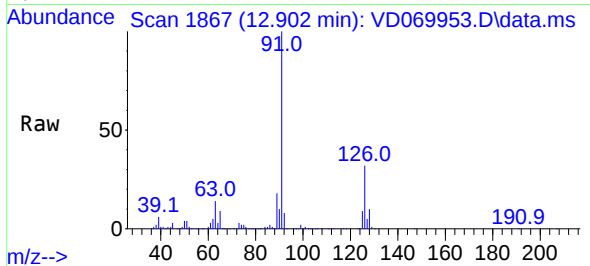
#79  
2-Chlorotoluene  
Concen: 54.257 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 91 Resp: 1320996  
Ion Ratio Lower Upper  
91 100  
126 32.4 15.9 47.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

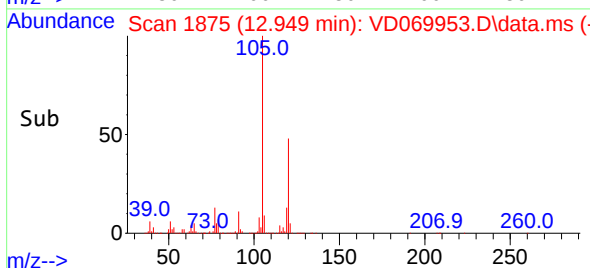
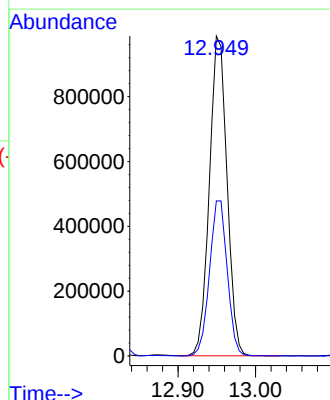
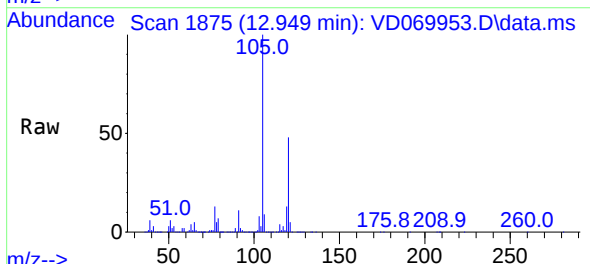
Manual Integrations  
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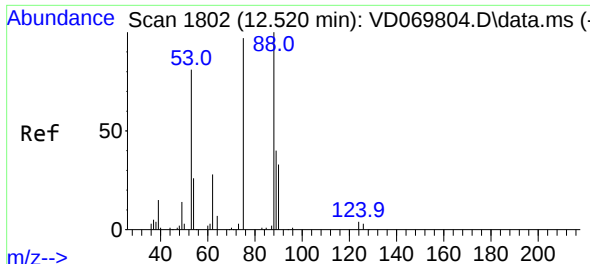
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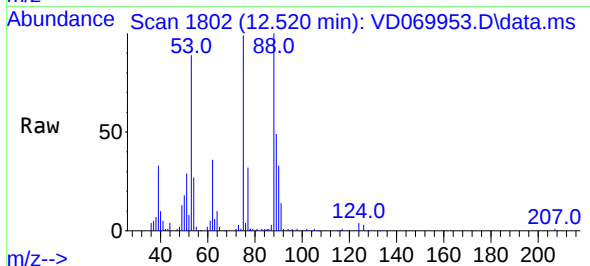
#80  
1,3,5-Trimethylbenzene  
Concen: 55.817 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion:105 Resp: 1558235  
Ion Ratio Lower Upper  
105 100  
120 48.8 23.8 71.2

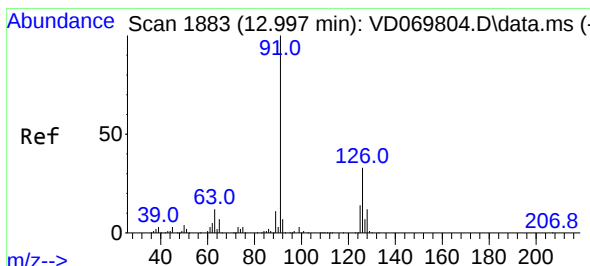
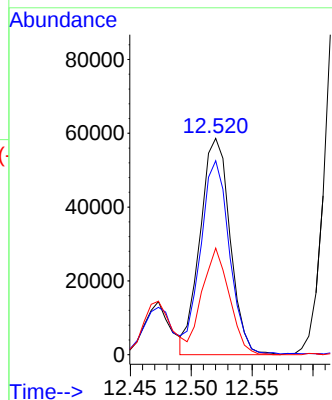
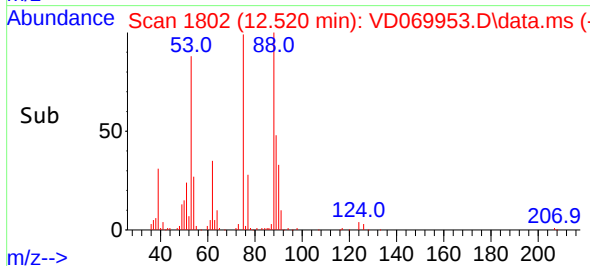




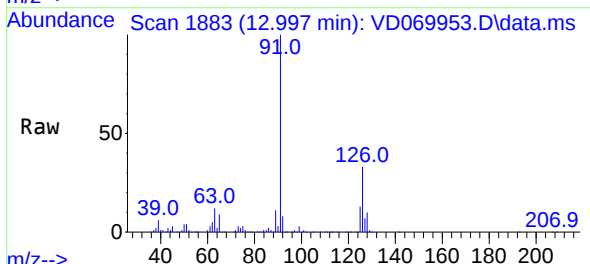
#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.098 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



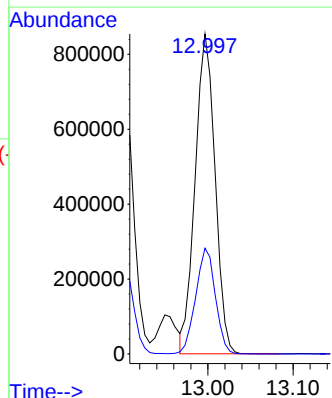
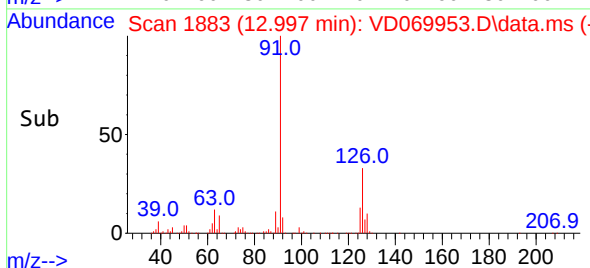
Tgt Ion: 75 Resp: 100413  
Ion Ratio Lower Upper  
75 100  
53 85.9 67.2 100.8  
89 44.5 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 54.360 ug/l  
RT: 12.997 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



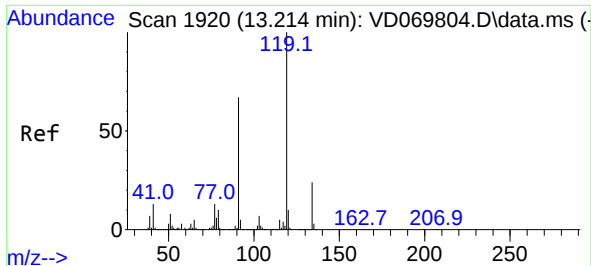
Tgt Ion: 91 Resp: 1383654  
Ion Ratio Lower Upper  
91 100  
126 32.8 15.9 47.6



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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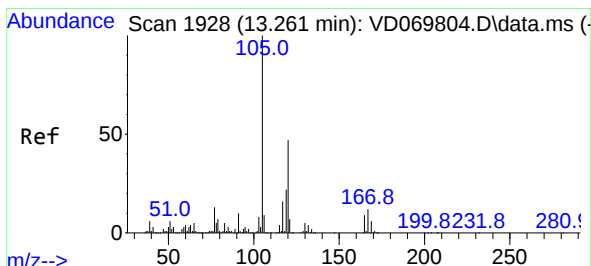
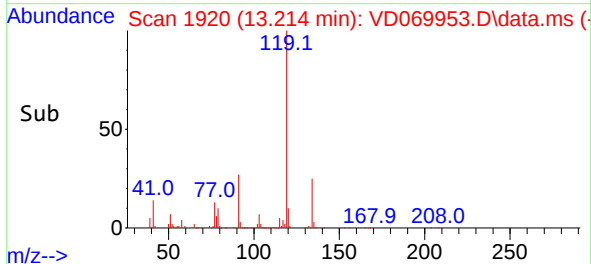
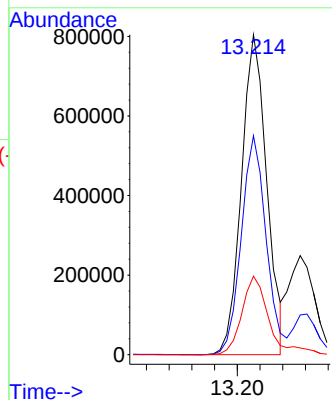
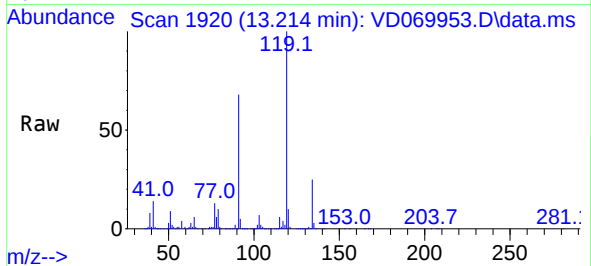
#83  
tert-Butylbenzene  
Concen: 54.856 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion:119 Resp: 1245076  
Ion Ratio Lower Upper  
119 100  
91 67.5 33.7 101.1  
134 26.2 13.3 39.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

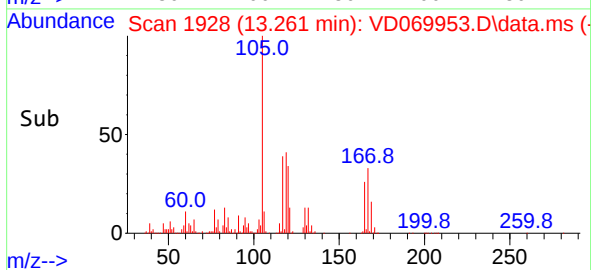
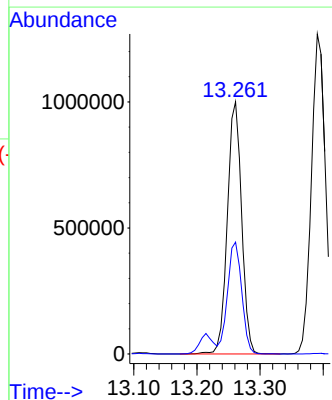
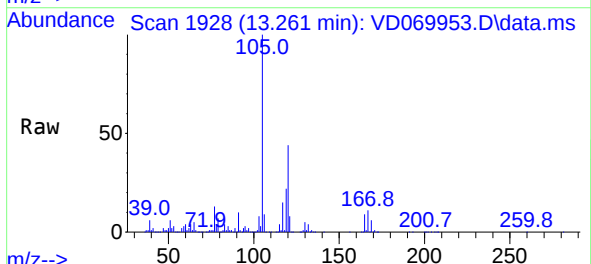
Manual Integrations  
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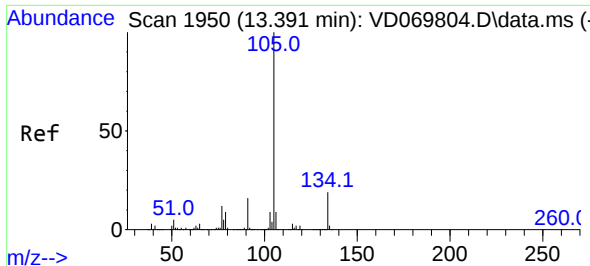
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#84  
1,2,4-Trimethylbenzene  
Concen: 56.906 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

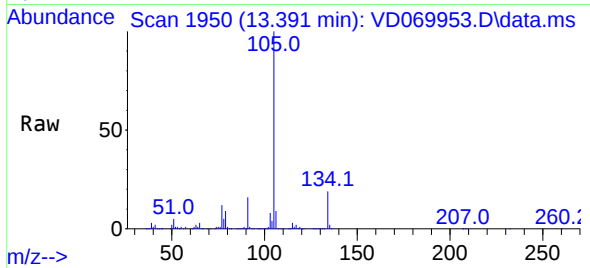
Tgt Ion:105 Resp: 1567249  
Ion Ratio Lower Upper  
105 100  
120 44.2 22.6 67.8





#85  
sec-Butylbenzene  
Concen: 54.877 ug/l  
RT: 13.391 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

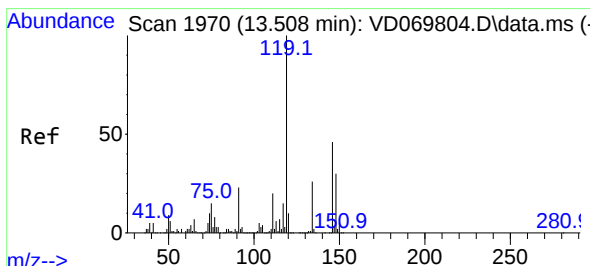
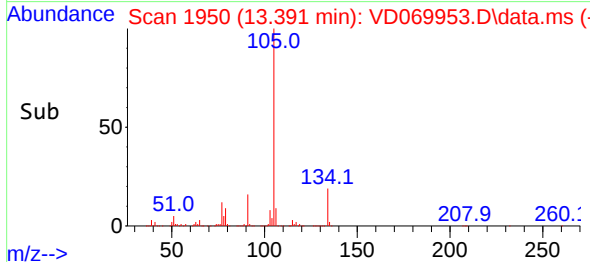
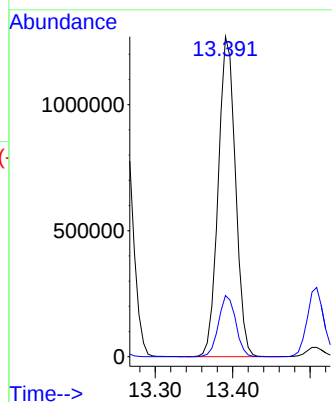
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



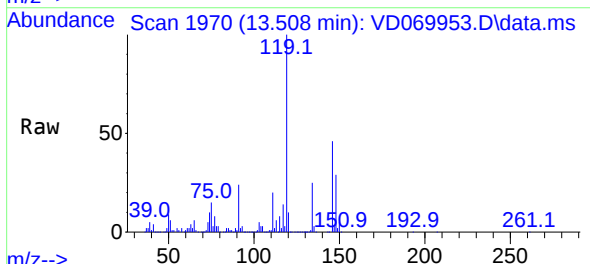
Tgt Ion:105 Resp: 1969097  
Ion Ratio Lower Upper  
105 100  
134 19.0 9.6 28.6

Manual Integrations  
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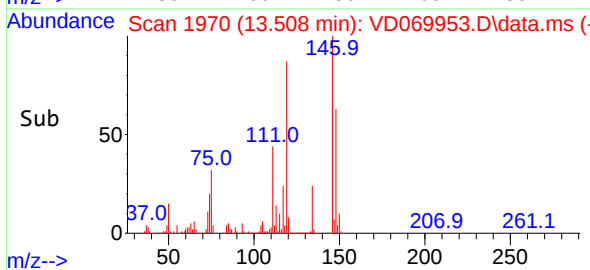
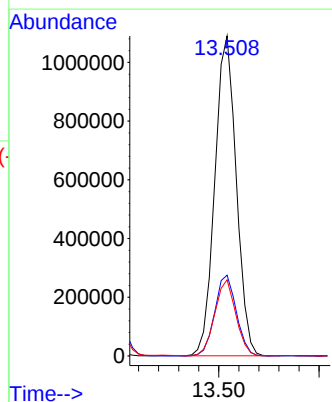
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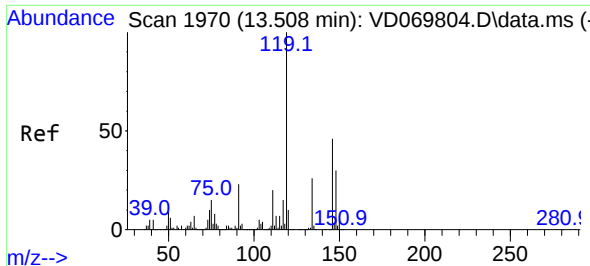


#86  
p-Isopropyltoluene  
Concen: 55.288 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



Tgt Ion:119 Resp: 1611722  
Ion Ratio Lower Upper  
119 100  
134 25.5 12.6 37.8  
91 23.4 11.7 35.1





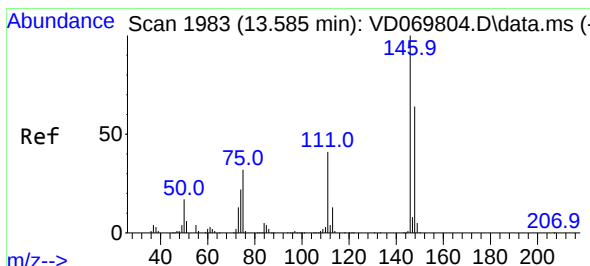
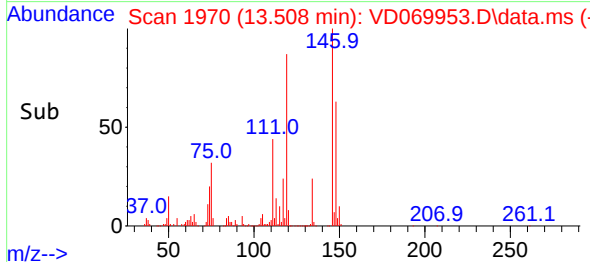
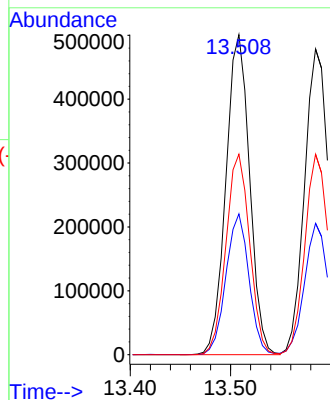
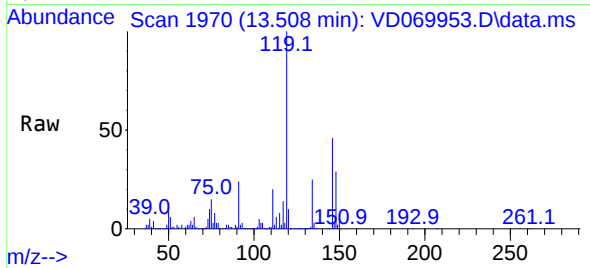
#87  
1,3-Dichlorobenzene  
Concen: 53.242 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion:146 Resp: 821618  
Ion Ratio Lower Upper  
146 100  
111 42.6 21.7 65.1  
148 62.7 32.1 96.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

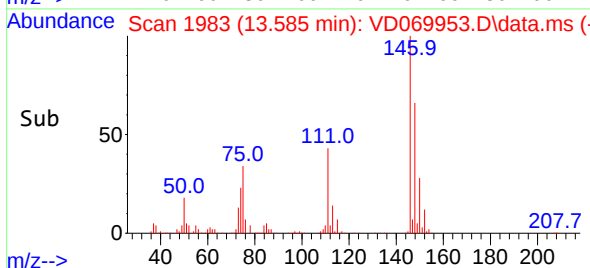
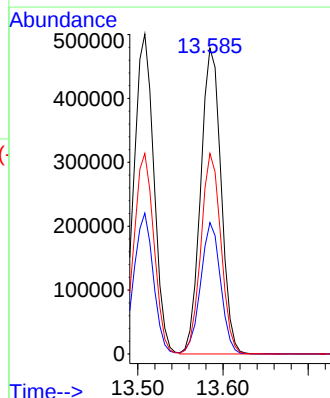
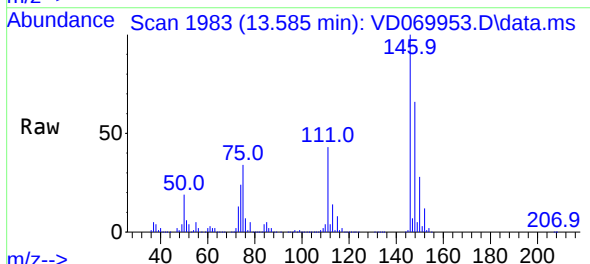
Manual Integrations  
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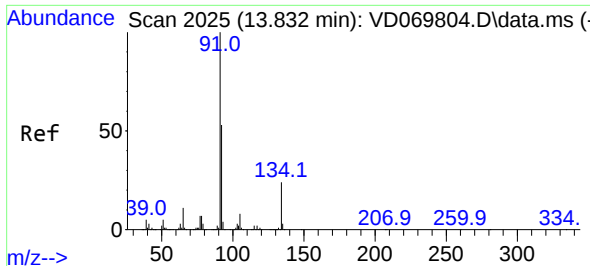
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#88  
1,4-Dichlorobenzene  
Concen: 51.762 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

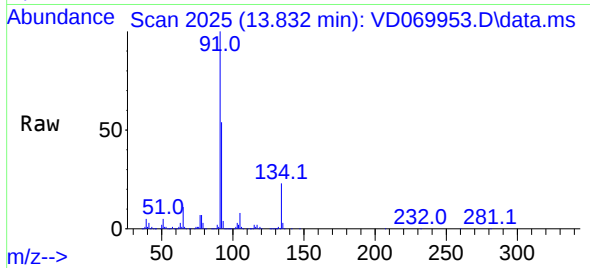
Tgt Ion:146 Resp: 796147  
Ion Ratio Lower Upper  
146 100  
111 41.9 20.8 62.4  
148 64.3 31.6 95.0





#89  
n-Butylbenzene  
Concen: 54.457 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

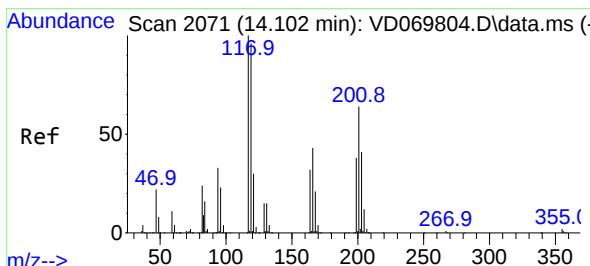
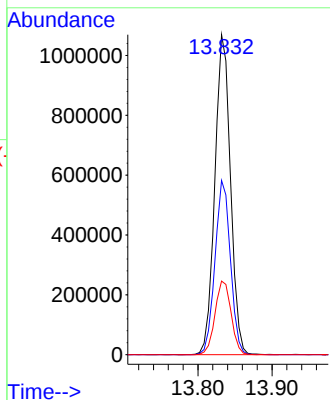
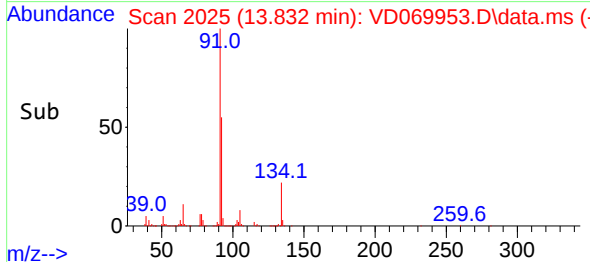
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



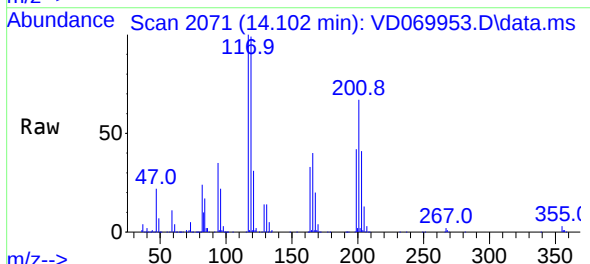
Tgt Ion: 91 Resp: 1566710  
Ion Ratio Lower Upper  
91 100  
92 53.7 26.6 79.7  
134 23.7 11.9 35.7

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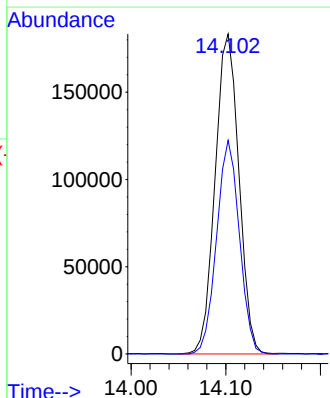
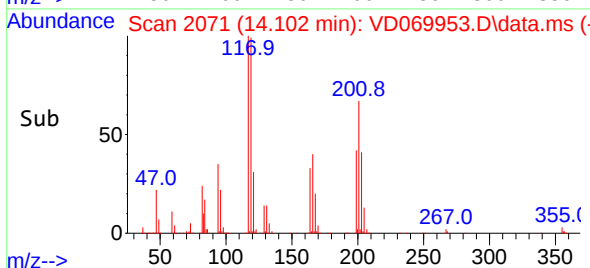
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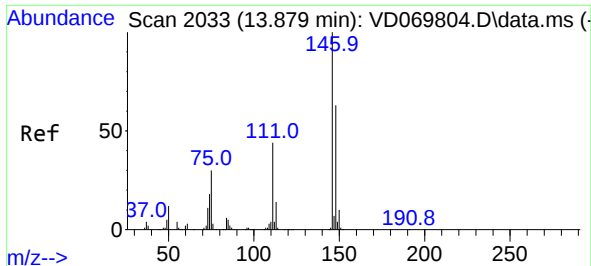


#90  
Hexachloroethane  
Concen: 51.864 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



Tgt Ion: 117 Resp: 320264  
Ion Ratio Lower Upper  
117 100  
201 63.9 31.9 95.5





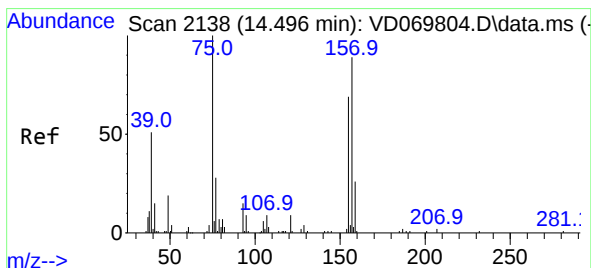
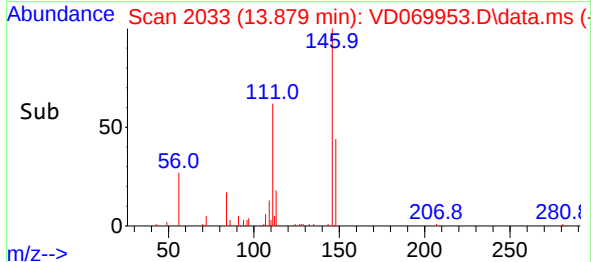
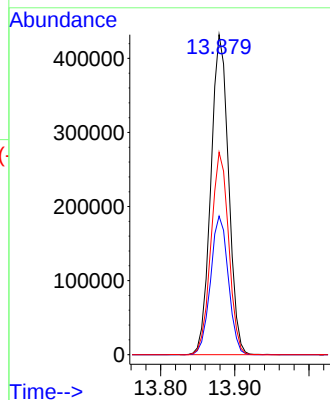
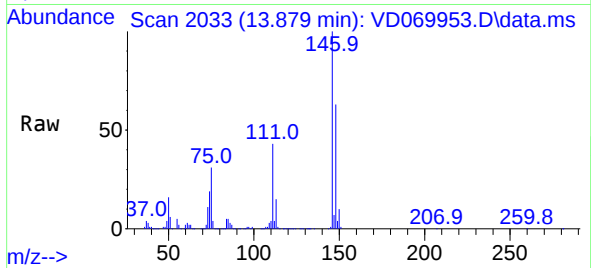
#91  
1,2-Dichlorobenzene  
Concen: 53.721 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

Tgt Ion: 146 Resp: 715522  
Ion Ratio Lower Upper  
146 100  
111 43.6 21.7 65.1  
148 63.2 31.2 93.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

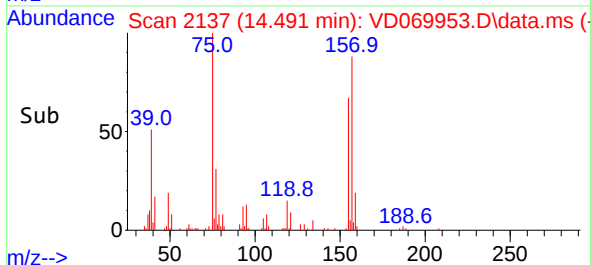
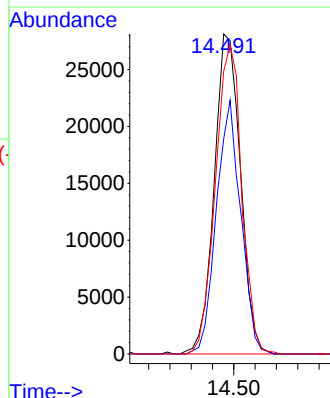
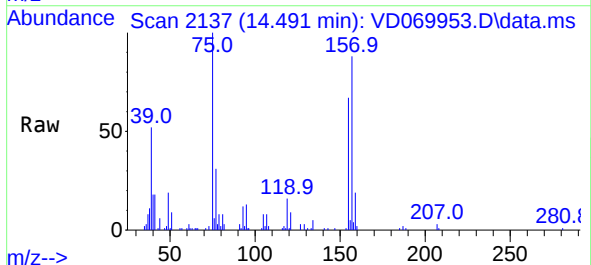
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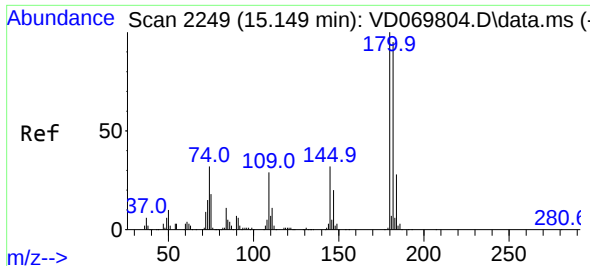
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.276 ug/l  
RT: 14.491 min Scan# 2137  
Delta R.T. -0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

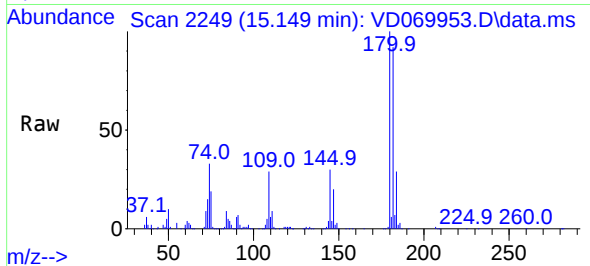
Tgt Ion: 75 Resp: 48121  
Ion Ratio Lower Upper  
75 100  
155 73.7 36.3 108.9  
157 96.8 47.0 141.0





#93  
1,2,4-Trichlorobenzene  
Concen: 55.182 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

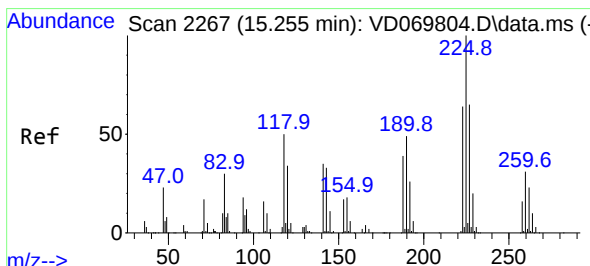
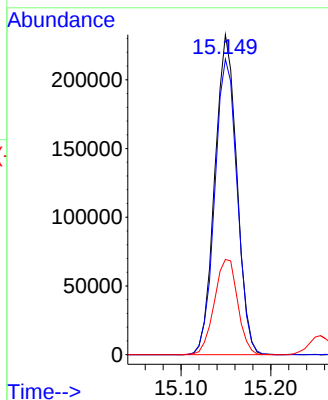
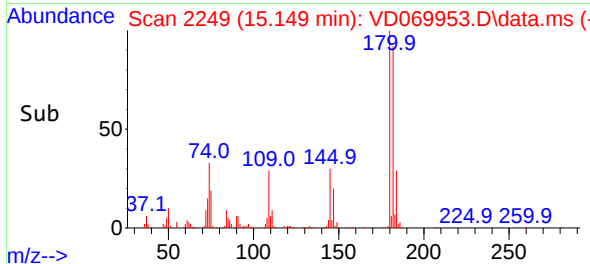
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ClientSampleId :  
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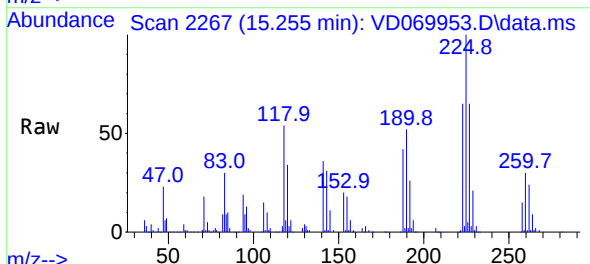
Tgt Ion:180 Resp: 396549  
Ion Ratio Lower Upper  
180 100  
182 94.1 47.6 142.9  
145 31.6 16.4 49.2

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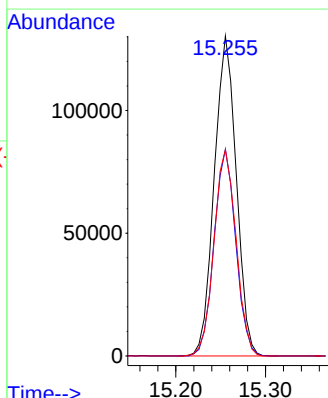
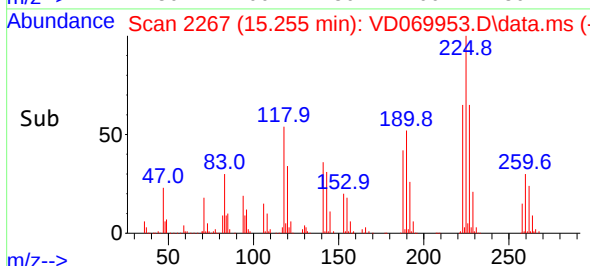
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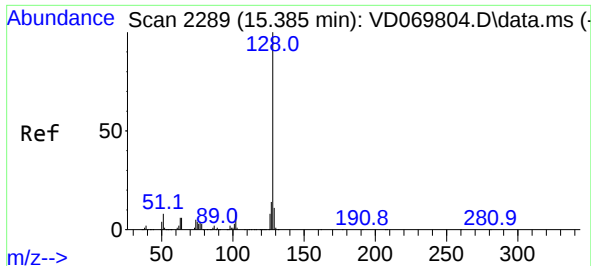


#94  
Hexachlorobutadiene  
Concen: 50.528 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28

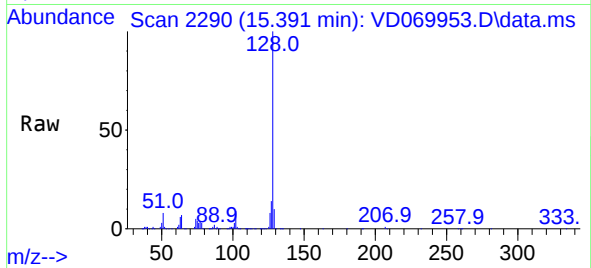


Tgt Ion:225 Resp: 222113  
Ion Ratio Lower Upper  
225 100  
223 63.7 31.5 94.5  
227 64.6 31.9 95.7

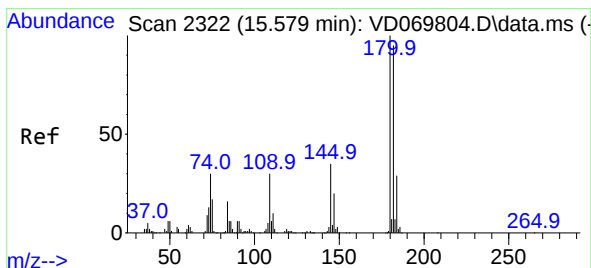
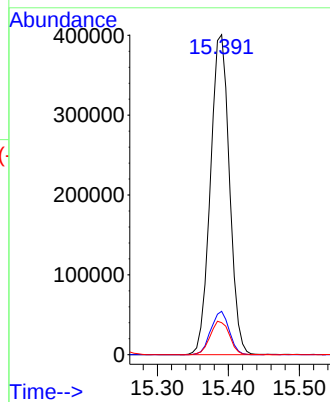
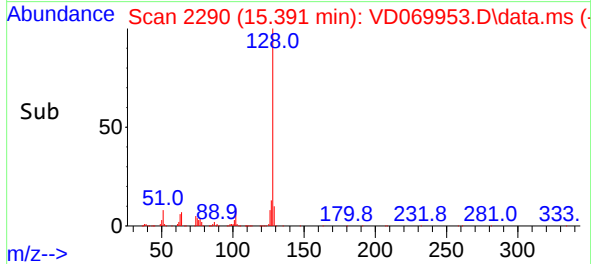




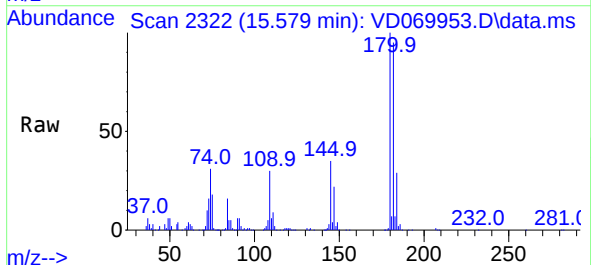
#95  
Naphthalene  
Concen: 50.114 ug/l  
RT: 15.391 min Scan# 2290  
Delta R.T. 0.006 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



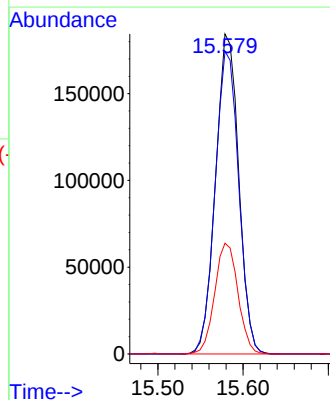
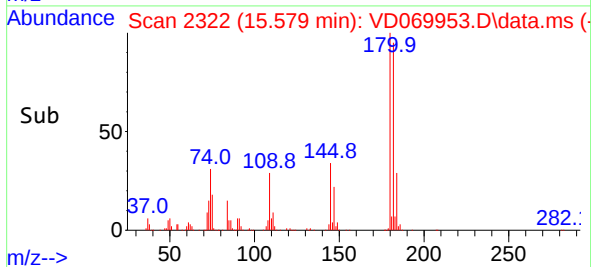
Tgt Ion:128 Resp: 744178  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.6 16.0  
129 10.6 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 55.988 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. 0.000 min  
Lab File: VD069953.D  
Acq: 02 Aug 2021 15:28



Tgt Ion:180 Resp: 347940  
Ion Ratio Lower Upper  
180 100  
182 96.6 47.3 142.0  
145 34.8 17.3 51.9



Instrument :  
MSVOA\_D  
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