

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD101121\  
 Data File : VD070654.D  
 Acq On : 11 Oct 2021 12:23  
 Operator : VA/SY  
 Sample : VD1011SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1011SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 10/15/2021 1:18:14 AM

Quant Time: Oct 12 05:38:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D100521S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 06 09:10:31 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                        |                |      |                    |        |        |          |
| Internal Standards           |                |      |                    |        |        |          |
| 1) Pentafluorobenzene        | 7.973          | 168  | 320168             | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861          | 114  | 593895             | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638         | 117  | 558918             | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561         | 152  | 263158             | 50.00  | ug/l   | 0.00     |
|                              |                |      |                    |        |        |          |
| System Monitoring Compounds  |                |      |                    |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326          | 65   | 193721             | 51.41  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 102.82% |        |        |          |
| 35) Dibromofluoromethane     | 7.914          | 113  | 204998             | 51.92  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 103.84% |        |        |          |
| 50) Toluene-d8               | 10.332         | 98   | 787405             | 52.16  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 104.32% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.620         | 95   | 274742             | 54.46  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 108.92% |        |        |          |
|                              |                |      |                    |        |        |          |
| Target Compounds             |                |      |                    |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 73138              | 18.73  | ug/l   | 95       |
| 3) Chloromethane             | 2.209          | 50   | 98089              | 20.23  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.350          | 62   | 109097             | 20.31  | ug/l   | 98       |
| 5) Bromomethane              | 2.756          | 94   | 77530              | 21.74  | ug/l   | 99       |
| 6) Chloroethane              | 2.915          | 64   | 63608              | 18.54  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.273          | 101  | 139474             | 20.03  | ug/l   | 92       |
| 8) Diethyl Ether             | 3.715          | 74   | 38988              | 21.52  | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 81949              | 19.42  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.297          | 142  | 69526              | 16.61  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.220          | 59   | 19570              | 104.85 | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 4.067          | 96   | 74762              | 19.90  | ug/l   | 93       |
| 13) Acrolein                 | 3.920          | 56   | 17352              | 96.83  | ug/l   | 99       |
| 14) Allyl chloride           | 4.715          | 41   | 101588             | 19.42  | ug/l   | 96       |
| 15) Acrylonitrile            | 5.414          | 53   | 82725              | 105.25 | ug/l   | 99       |
| 16) Acetone                  | 4.150          | 43   | 61452              | 96.04  | ug/l # | 84       |
| 17) Carbon Disulfide         | 4.409          | 76   | 262339             | 19.13  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.709          | 43   | 54920              | 22.24  | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.479          | 73   | 159235             | 21.27  | ug/l   | 96       |
| 20) Methylene Chloride       | 4.962          | 84   | 117158             | 20.30  | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 5.467          | 96   | 91016              | 20.60  | ug/l   | 92       |
| 22) Diisopropyl ether        | 6.361          | 45   | 232384             | 21.63  | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.303          | 43   | 473634             | 96.96  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.261          | 63   | 161203             | 20.37  | ug/l   | 99       |
| 25) 2-Butanone               | 7.208          | 43   | 83105              | 99.20  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 7.203          | 77   | 137267             | 20.96  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.208          | 96   | 101097             | 21.77  | ug/l   | 97       |
| 28) Bromochloromethane       | 7.544          | 49   | 49045              | 17.80  | ug/l   | 96       |
| 29) Tetrahydrofuran          | 7.561          | 42   | 54994              | 101.85 | ug/l   | 98       |
| 30) Chloroform               | 7.708          | 83   | 171522             | 20.84  | ug/l   | 96       |
| 31) Cyclohexane              | 7.979          | 56   | 135205             | 19.38  | ug/l # | 95       |
| 32) 1,1,1-Trichloroethane    | 7.903          | 97   | 145615             | 20.54  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.108          | 75   | 127054             | 20.14  | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.291          | 43   | 40641              | 19.39  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 130280             | 19.74  | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.350          | 83   | 134833             | 18.59  | ug/l   | 99       |
| 40) Benzene                  | 8.350          | 78   | 371640             | 19.99  | ug/l   | 98       |

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

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1011SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 10/15/2021 1:18:14 AM

Quant Time: Oct 12 05:38:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D100521S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 06 09:10:31 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 20384    | 18.86  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 95765    | 19.92  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.450  | 43   | 74745    | 19.47  | ug/l   | 96       |
| 44) Trichloroethene           | 9.108  | 130  | 92506    | 20.18  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 95765    | 20.18  | ug/l   | 97       |
| 46) Dibromomethane            | 9.467  | 93   | 49073    | 20.15  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.655  | 83   | 127070   | 20.22  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.450  | 41   | 33357    | 18.53  | ug/l # | 87       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 10587    | 427.86 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 196566   | 99.22  | ug/l   | 98       |
| 52) Toluene                   | 10.397 | 92   | 240462   | 21.05  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 113344   | 20.61  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 135313   | 20.43  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 68099    | 20.53  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 72310    | 19.12  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 113608   | 20.13  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 156129   | 97.68  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.979 | 43   | 132169   | 89.70  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.132 | 129  | 80116    | 20.05  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 60698    | 19.65  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.873 | 164  | 70975    | 19.80  | ug/l   | 90       |
| 65) Chlorobenzene             | 11.661 | 112  | 247420   | 20.76  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 89115    | 20.10  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.738 | 91   | 419387   | 20.39  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.844 | 106  | 340641   | 42.06  | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 149733   | 20.78  | ug/l   | 99       |
| 70) Styrene                   | 12.185 | 104  | 271661   | 21.40  | ug/l   | 97       |
| 71) Bromoform                 | 12.349 | 173  | 43048    | 20.68  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.473 | 105  | 392432   | 20.45  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 70748    | 19.57  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 73942    | 19.71  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 57392m   | 24.10  | ug/l   |          |
| 77) Bromobenzene              | 12.749 | 156  | 87765    | 20.46  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.808 | 91   | 497631   | 20.50  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 298084   | 20.93  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 344365   | 21.05  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 19991    | 18.63  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 315845   | 21.21  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 271828   | 20.10  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 340751   | 20.93  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 418942   | 19.98  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 345341   | 20.17  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 188495   | 20.93  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 185373   | 20.76  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 321600   | 19.67  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 72100    | 19.48  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 159926   | 20.82  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 11243    | 20.76  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 84455    | 20.43  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 51286    | 19.63  | ug/l   | 99       |
| 95) Naphthalene               | 15.385 | 128  | 152188   | 19.82  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 73798    | 20.26  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD101121\  
Data File : VD070654.D  
Acq On : 11 Oct 2021 12:23  
Operator : VA/SY  
Sample : VD1011SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

Manual Integrations  
APPROVED

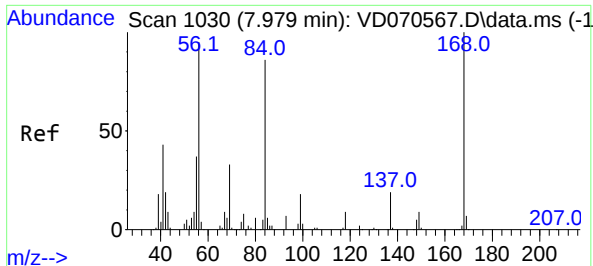
MMDadoda  
10/15/2021 1:18:14 AM

Quant Time: Oct 12 05:38:28 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D100521S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 06 09:10:31 2021  
Response via : Initial Calibration

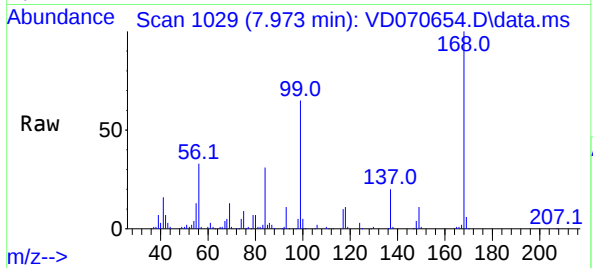
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

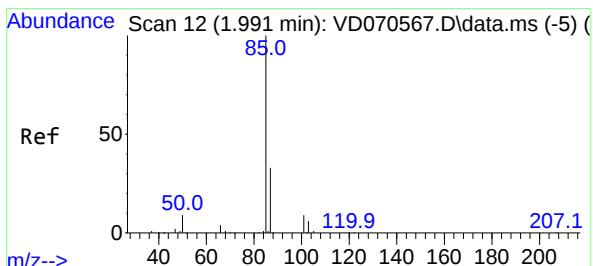
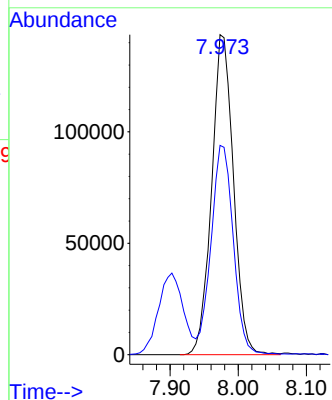
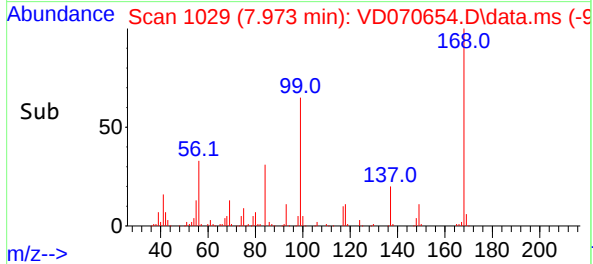




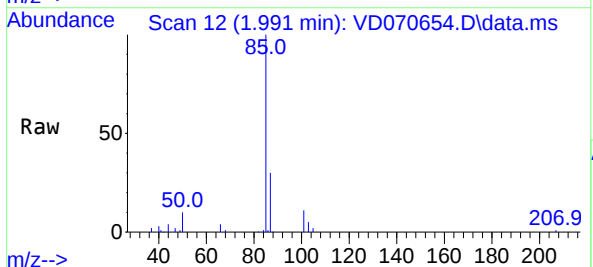
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



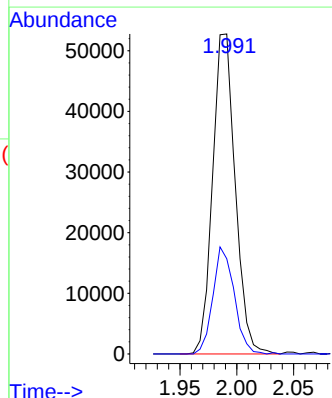
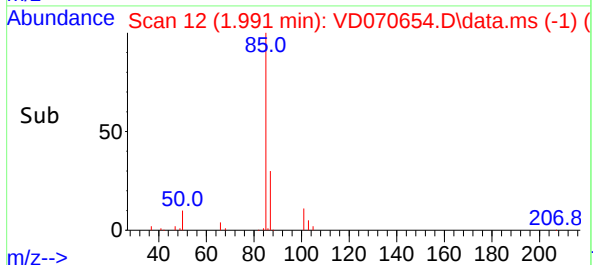
Tgt Ion: 168 Resp: 320168  
Ion Ratio Lower Upper  
168 100  
99 65.2 51.4 77.0



#2  
Dichlorodifluoromethane  
Concen: 18.73 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



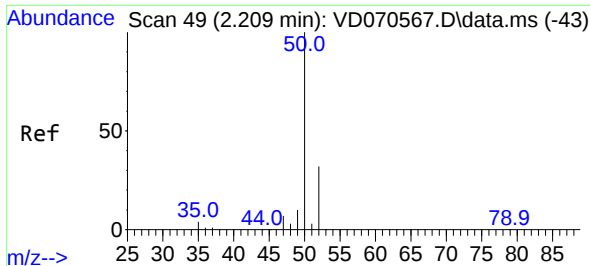
Tgt Ion: 85 Resp: 73138  
Ion Ratio Lower Upper  
85 100  
87 29.8 16.4 49.2



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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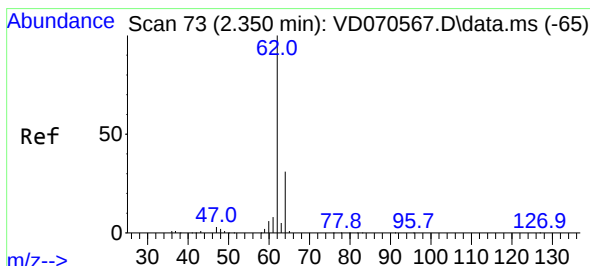
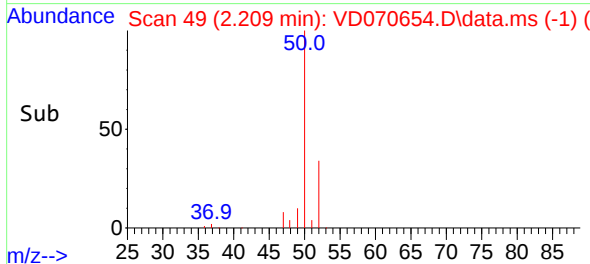
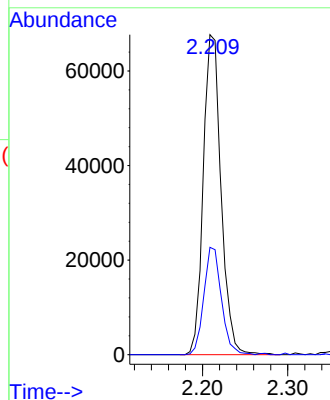
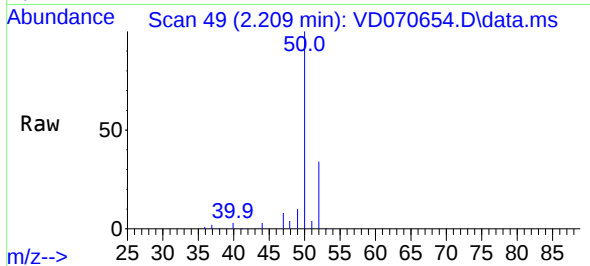
#3  
Chloromethane  
Concen: 20.23 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 50 Resp: 98089  
Ion Ratio Lower Upper  
50 100  
52 33.5 26.0 39.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

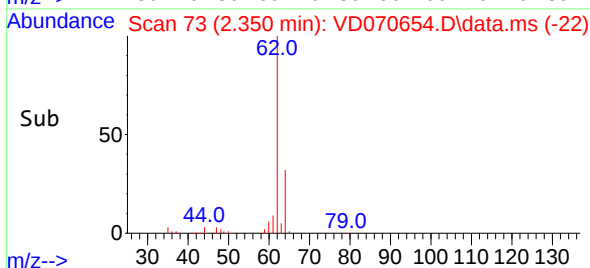
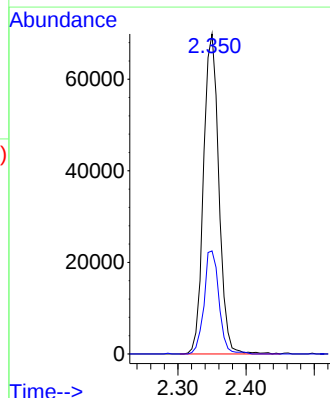
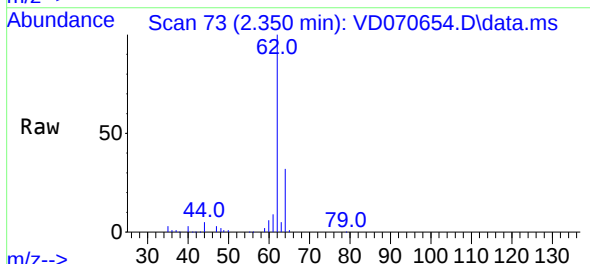
Manual Integrations  
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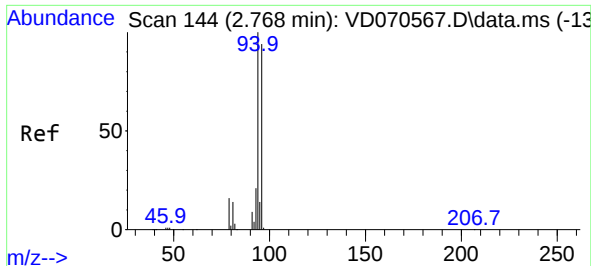
MMDadoda  
10/15/2021 1:18:14 AM



#4  
Vinyl Chloride  
Concen: 20.31 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 62 Resp: 109097  
Ion Ratio Lower Upper  
62 100  
64 32.2 24.9 37.3





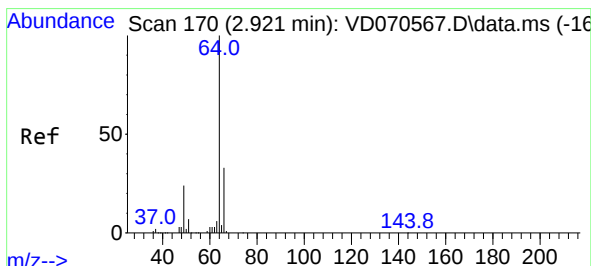
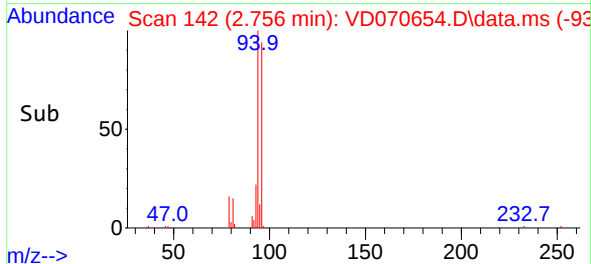
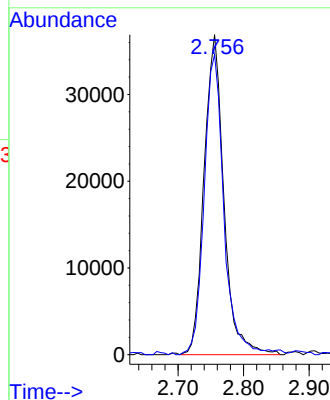
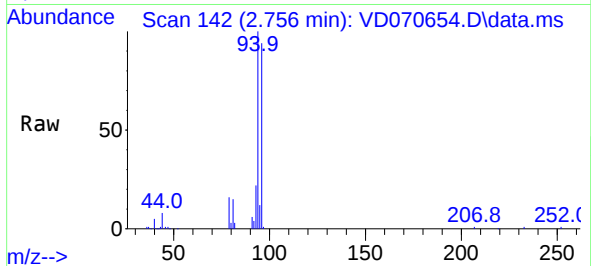
#5  
Bromomethane  
Concen: 21.74 ug/l  
RT: 2.756 min Scan# 142  
Delta R.T. -0.012 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 94 Resp: 77530  
Ion Ratio Lower Upper  
94 100  
96 93.8 75.5 113.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

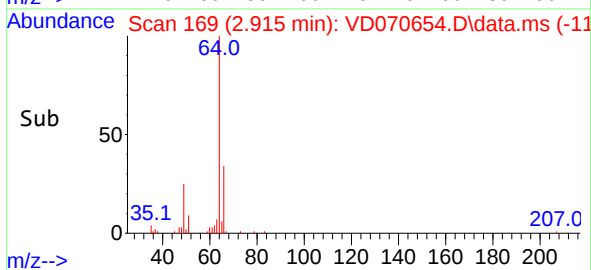
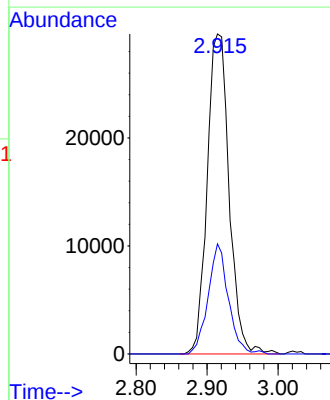
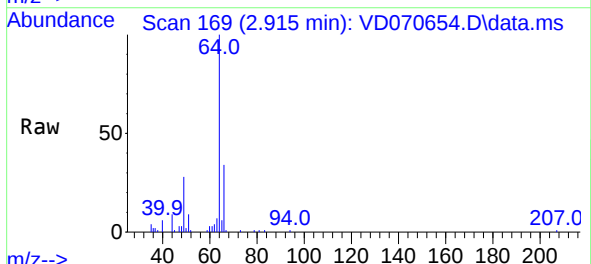
Manual Integrations  
APPROVED

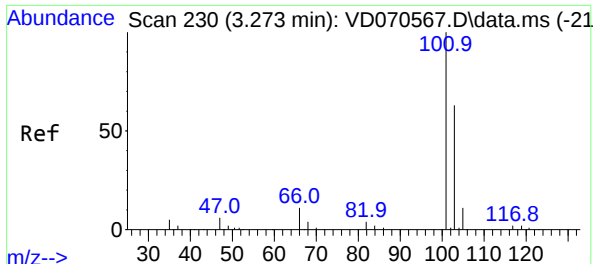
MMDadoda  
10/15/2021 1:18:14 AM



#6  
Chloroethane  
Concen: 18.54 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 64 Resp: 63608  
Ion Ratio Lower Upper  
64 100  
66 34.4 26.6 40.0





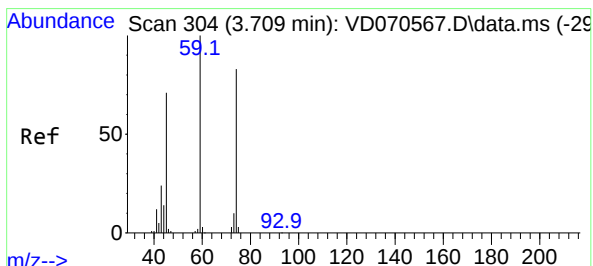
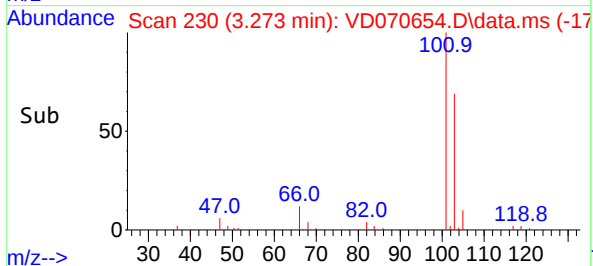
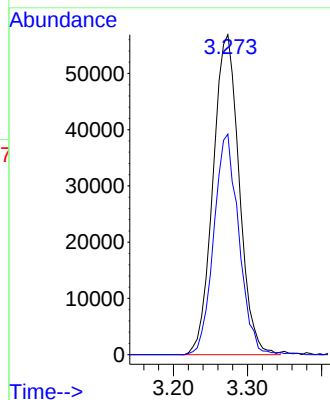
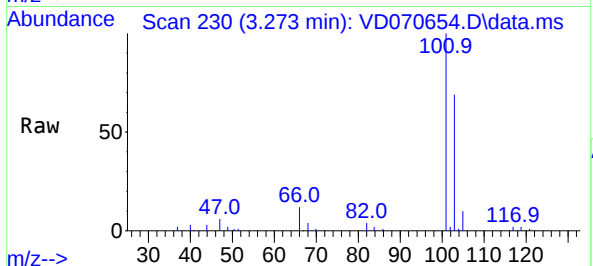
#7  
Trichlorofluoromethane  
Concen: 20.03 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion:101 Resp: 139474  
Ion Ratio Lower Upper  
101 100  
103 68.9 50.1 75.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

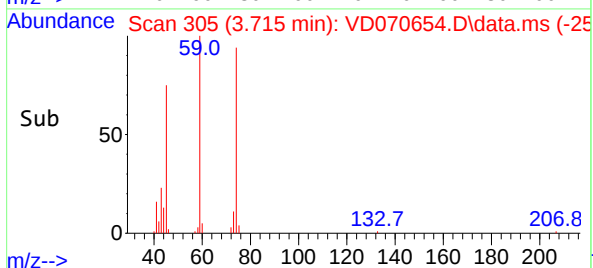
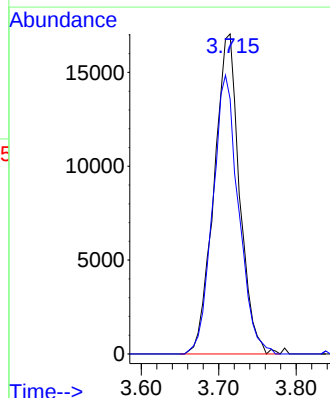
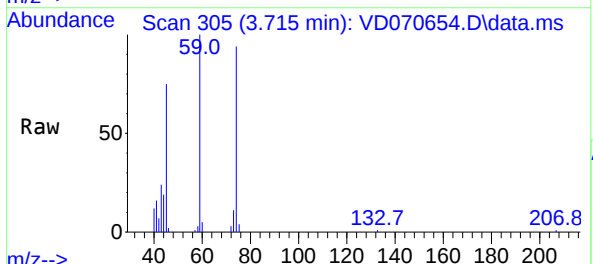
Manual Integrations  
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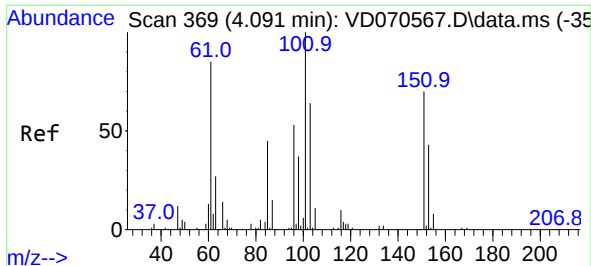
MMDadoda  
10/15/2021 1:18:14 AM



#8  
Diethyl Ether  
Concen: 21.52 ug/l  
RT: 3.715 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 74 Resp: 38988  
Ion Ratio Lower Upper  
74 100  
45 88.4 45.1 135.5





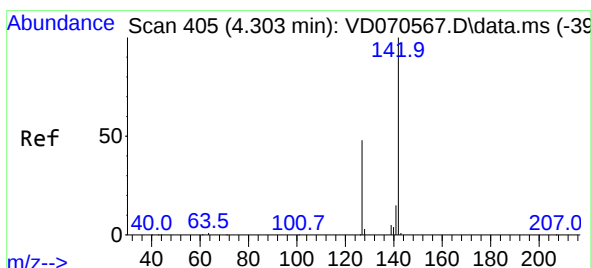
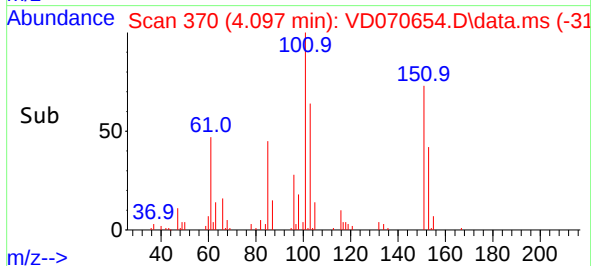
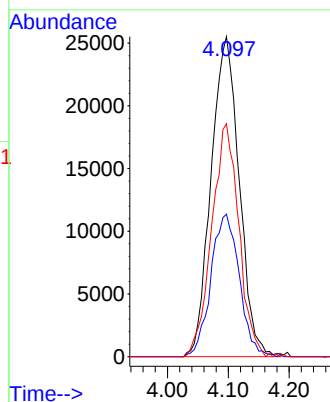
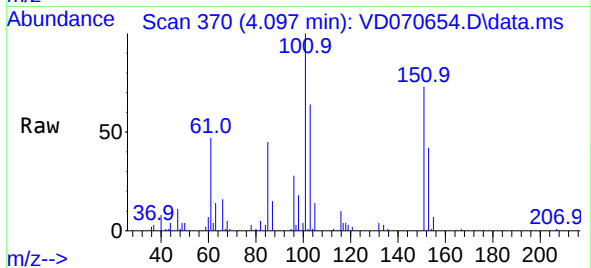
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.42 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion:101 Resp: 81949  
Ion Ratio Lower Upper  
101 100  
85 45.0 35.5 53.3  
151 70.2 55.8 83.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

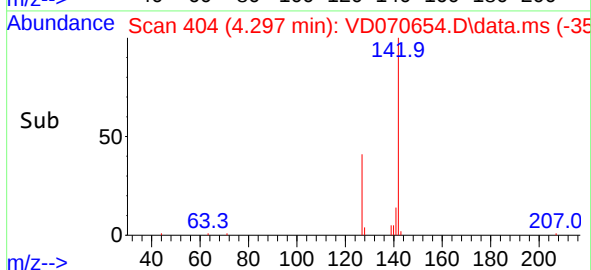
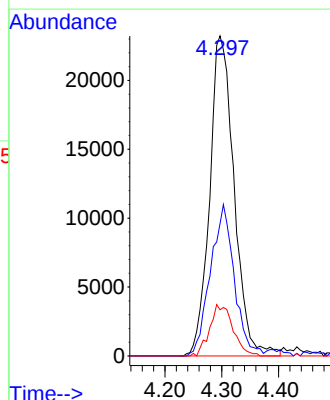
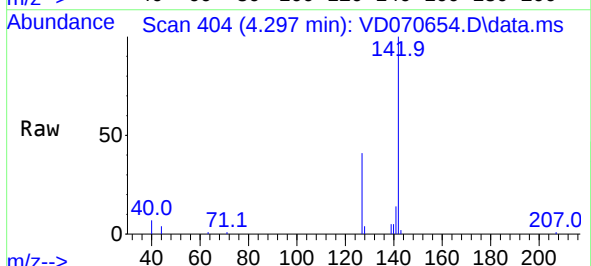
Manual Integrations  
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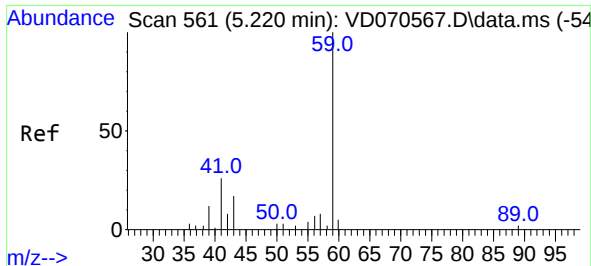
MMDadoda  
10/15/2021 1:18:14 AM



#10  
Methyl Iodide  
Concen: 16.61 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

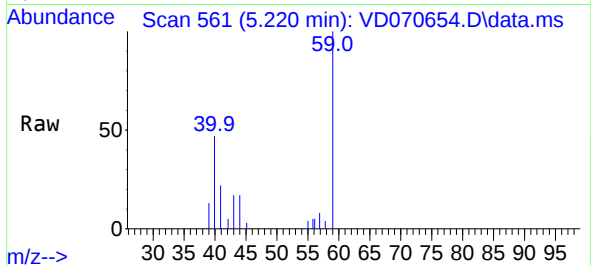
Tgt Ion:142 Resp: 69526  
Ion Ratio Lower Upper  
142 100  
127 46.1 37.5 56.3  
141 15.2 12.1 18.1





#11  
Tert butyl alcohol  
Concen: 104.85 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

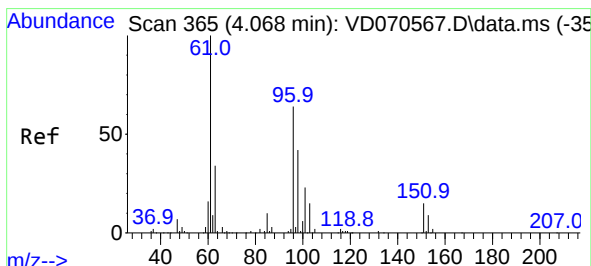
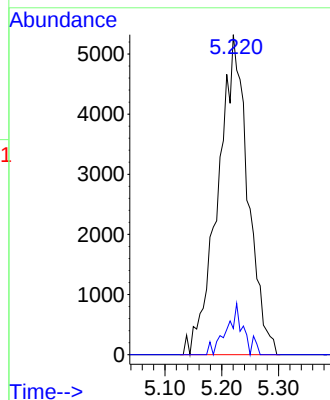
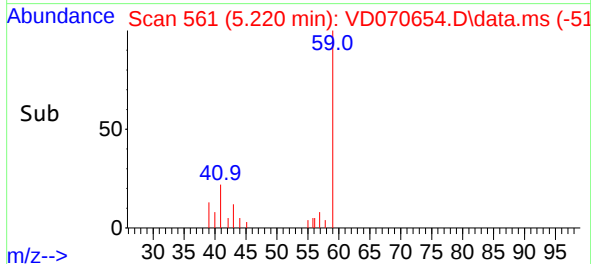
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01



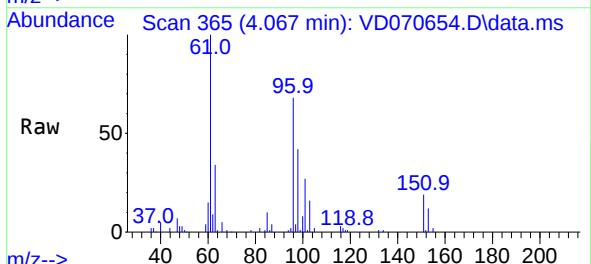
Tgt Ion: 59 Resp: 19570  
Ion Ratio Lower Upper  
59 100  
57 8.1 4.5 6.7#

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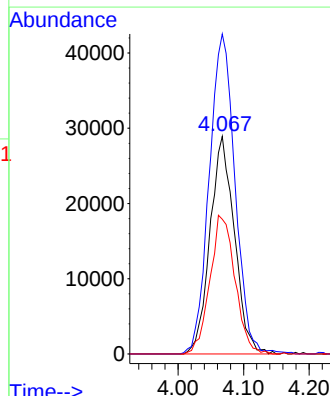
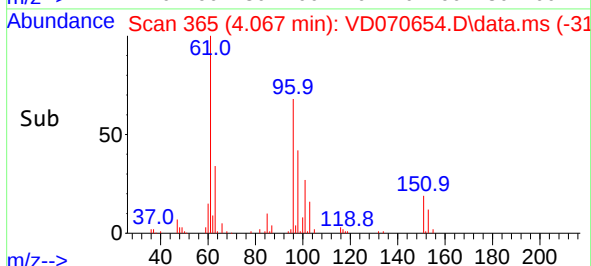
MMDadoda  
10/15/2021 1:18:14 AM

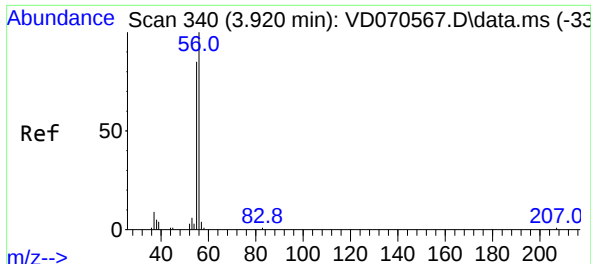


#12  
1,1-Dichloroethene  
Concen: 19.90 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

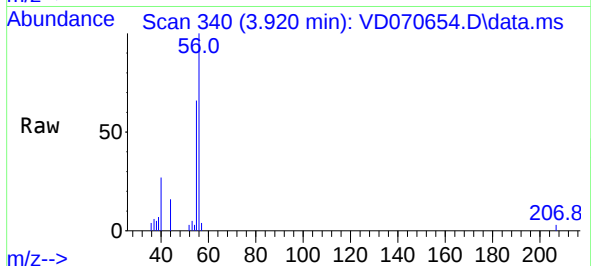


Tgt Ion: 96 Resp: 74762  
Ion Ratio Lower Upper  
96 100  
61 147.0 125.9 188.9  
98 61.9 52.3 78.5

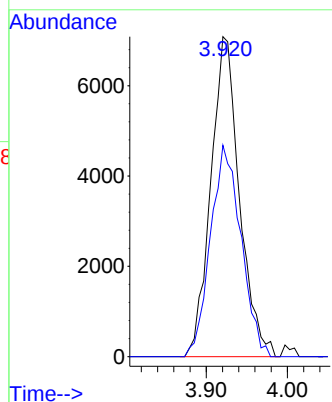
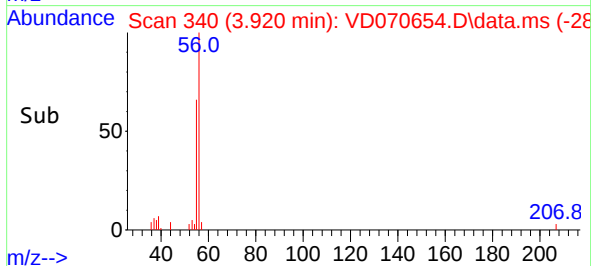




#13  
Acrolein  
Concen: 96.83 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



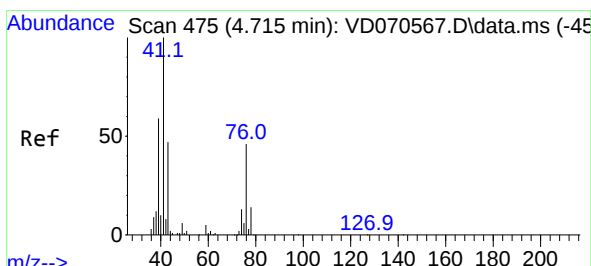
Tgt Ion: 56 Resp: 17352  
Ion Ratio Lower Upper  
56 100  
55 70.3 56.8 85.2



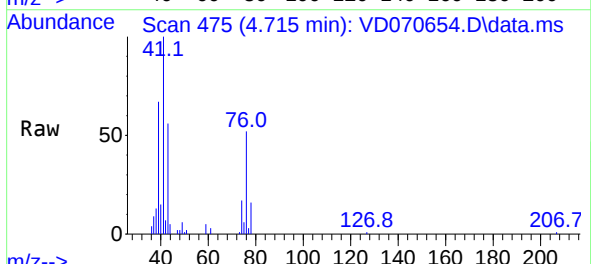
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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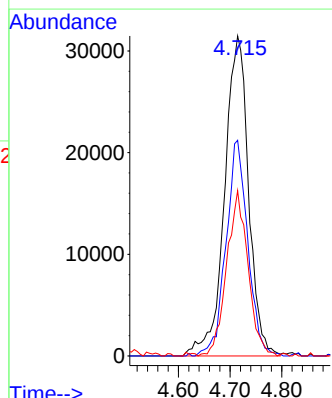
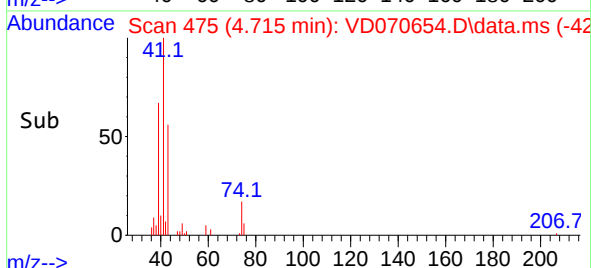
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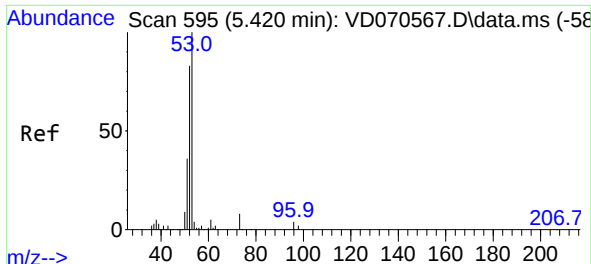


#14  
Allyl chloride  
Concen: 19.42 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



Tgt Ion: 41 Resp: 101588  
Ion Ratio Lower Upper  
41 100  
39 61.2 46.4 69.6  
76 46.0 34.6 51.8



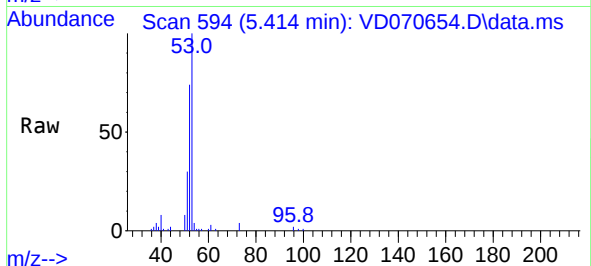


#15  
Acrylonitrile  
Concen: 105.25 ug/l  
RT: 5.414 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

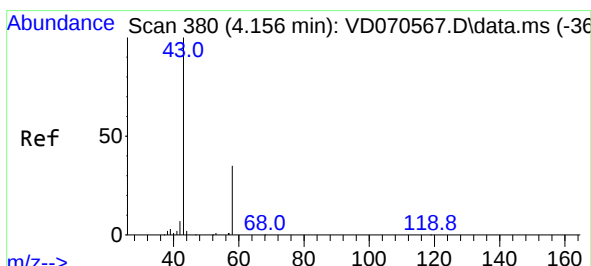
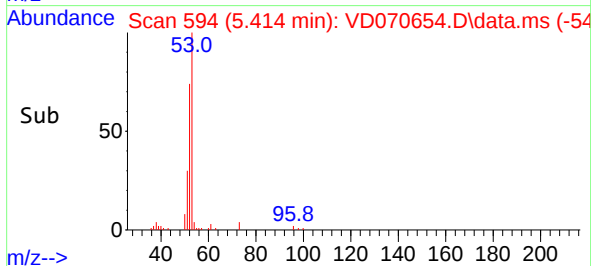
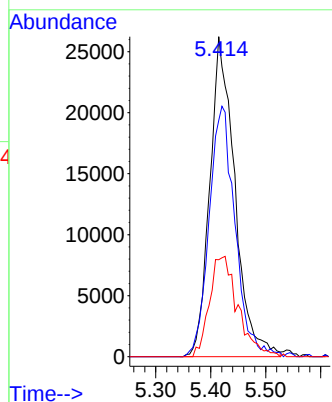
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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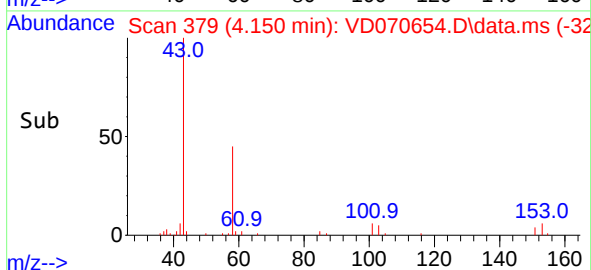
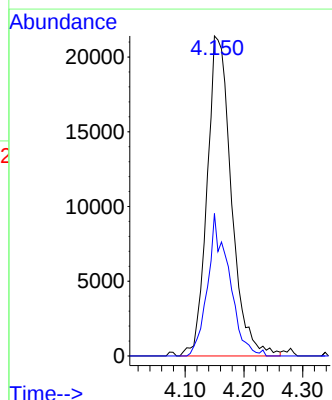
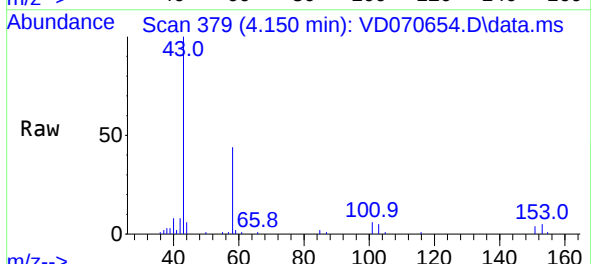


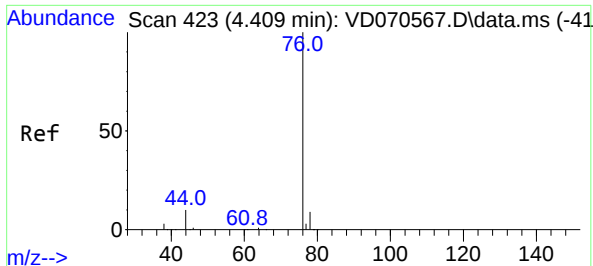
Tgt Ion: 53 Resp: 82725  
Ion Ratio Lower Upper  
53 100  
52 81.5 64.6 97.0  
51 35.8 28.7 43.1



#16  
Acetone  
Concen: 96.04 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 43 Resp: 61452  
Ion Ratio Lower Upper  
43 100  
58 44.5 28.2 42.2#





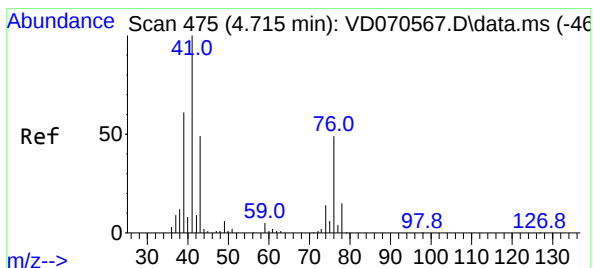
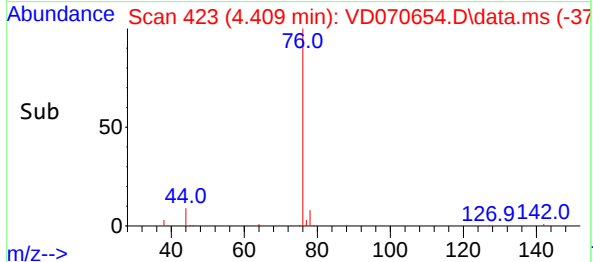
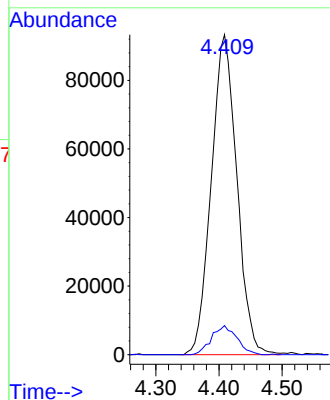
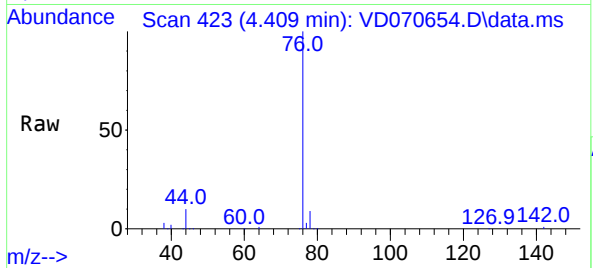
#17  
Carbon Disulfide  
Concen: 19.13 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 76 Resp: 262339  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

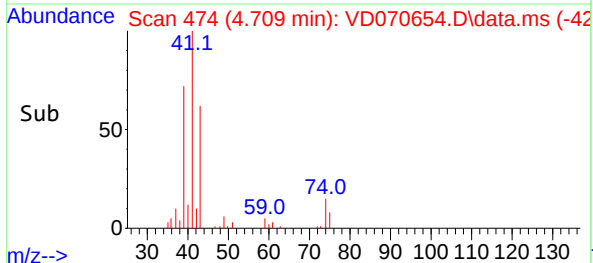
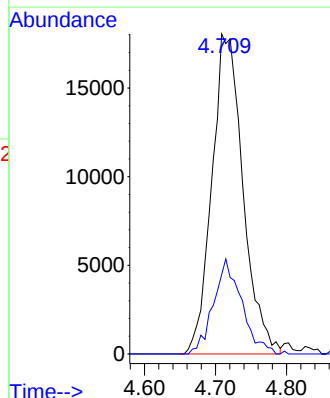
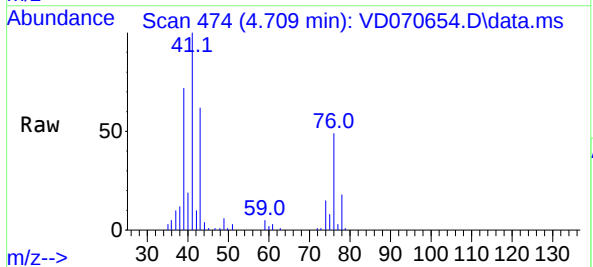
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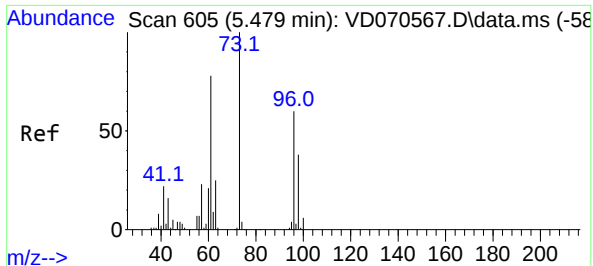
MMDadoda  
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#18  
Methyl Acetate  
Concen: 22.24 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 43 Resp: 54920  
Ion Ratio Lower Upper  
43 100  
74 26.8 22.6 33.8





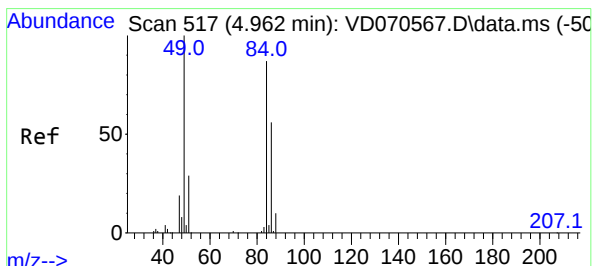
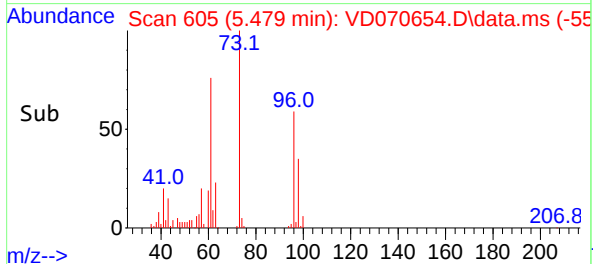
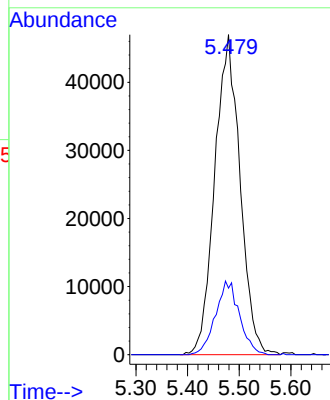
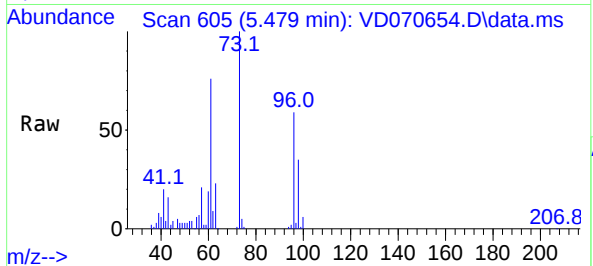
#19  
Methyl tert-butyl Ether  
Concen: 21.27 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 73 Resp: 159235  
Ion Ratio Lower Upper  
73 100  
57 20.8 18.1 27.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

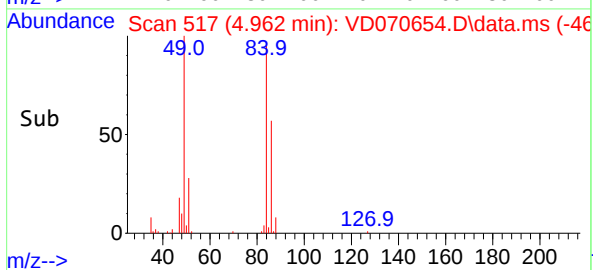
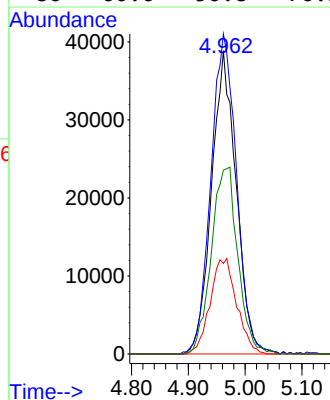
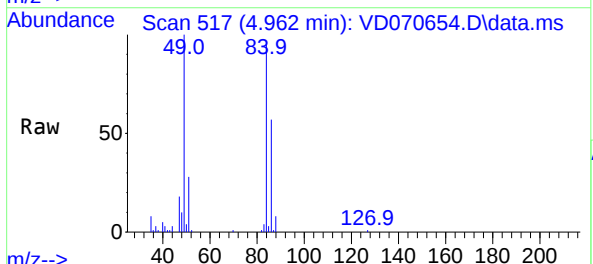
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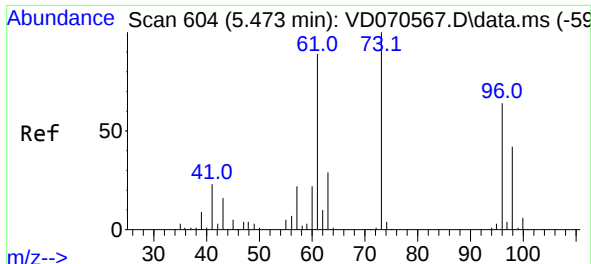
MMDadoda  
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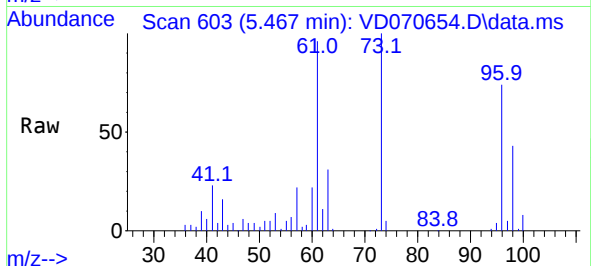
#20  
Methylene Chloride  
Concen: 20.30 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 84 Resp: 117158  
Ion Ratio Lower Upper  
84 100  
49 105.5 91.4 137.2  
51 29.9 26.7 40.1  
86 60.6 50.8 76.2

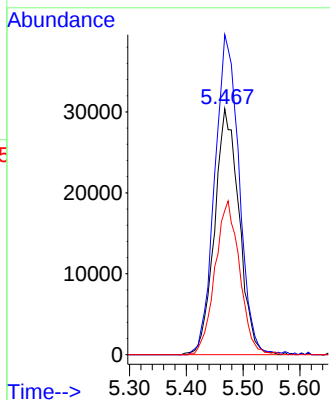
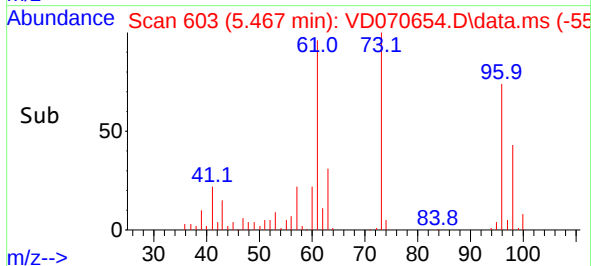




#21  
trans-1,2-Dichloroethene  
Concen: 20.60 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



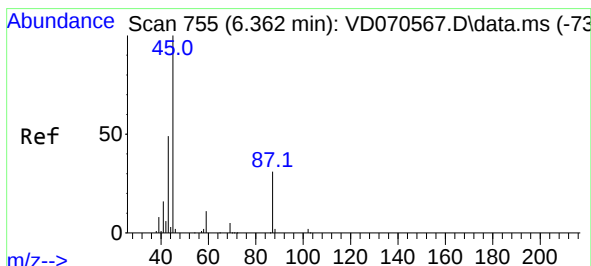
Tgt Ion: 96 Resp: 91016  
Ion Ratio Lower Upper  
96 100  
61 130.1 111.1 166.7  
98 58.6 51.9 77.9



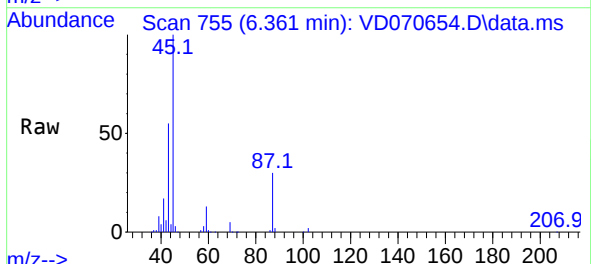
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

Manual Integrations  
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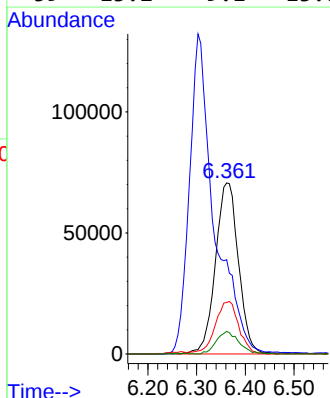
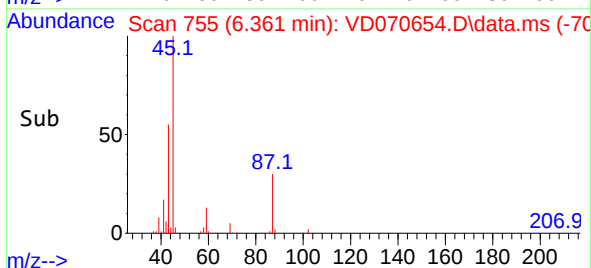
MMDadoda  
10/15/2021 1:18:14 AM

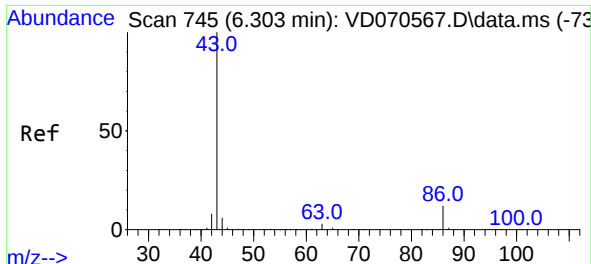


#22  
Diisopropyl ether  
Concen: 21.63 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



Tgt Ion: 45 Resp: 232384  
Ion Ratio Lower Upper  
45 100  
43 53.9 40.6 61.0  
87 30.1 24.6 37.0  
59 13.2 9.1 13.7





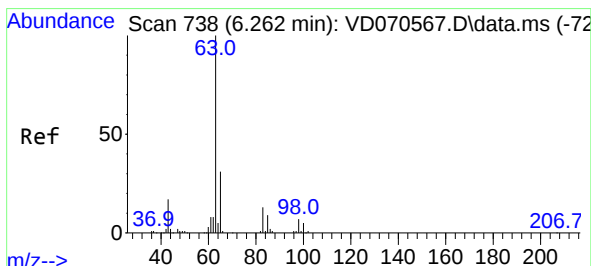
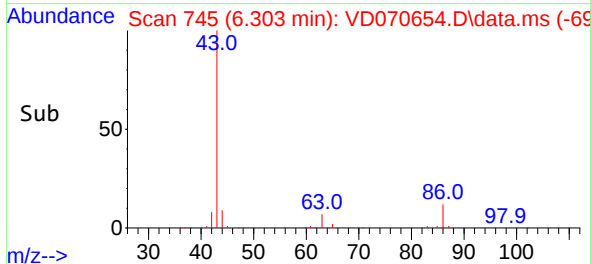
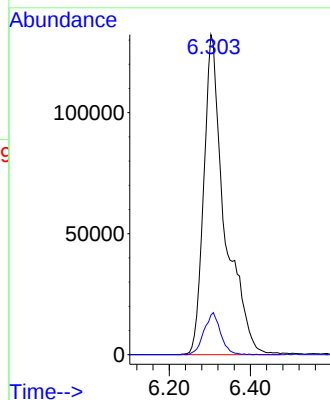
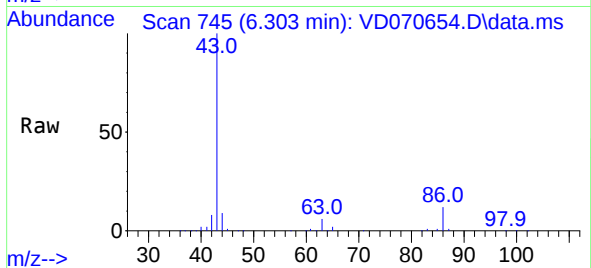
#23  
 Vinyl Acetate  
 Concen: 96.96 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD070654.D  
 Acq: 11 Oct 2021 12:23

Tgt Ion: 43 Resp: 473634  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 9.8 14.6

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1011SBS01

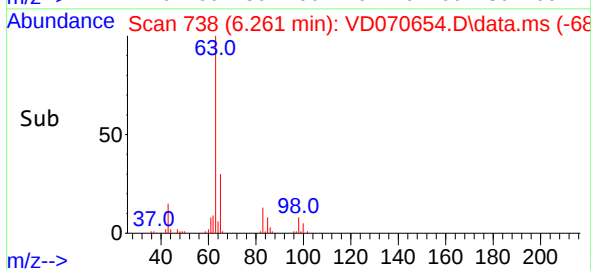
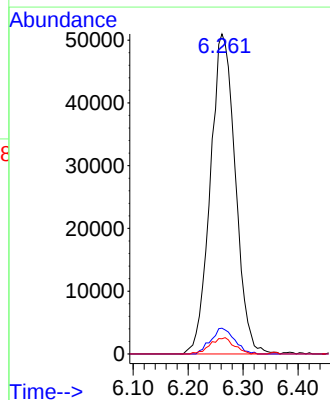
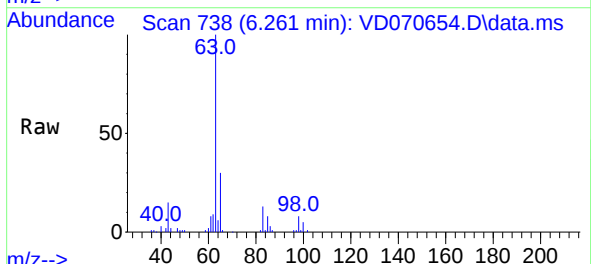
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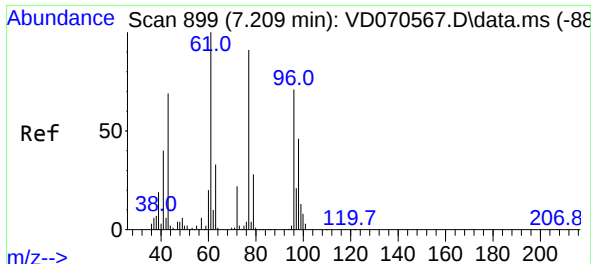
MMDadoda  
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#24  
 1,1-Dichloroethane  
 Concen: 20.37 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD070654.D  
 Acq: 11 Oct 2021 12:23

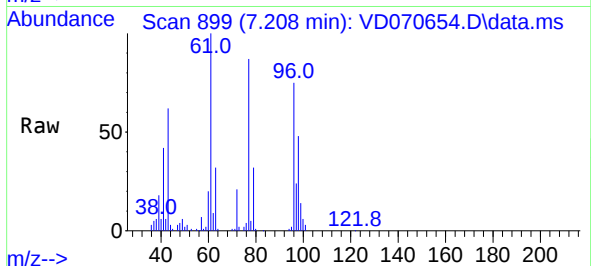
Tgt Ion: 63 Resp: 161203  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.6 10.9  
 100 4.7 2.4 7.2





#25  
2-Butanone  
Concen: 99.20 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

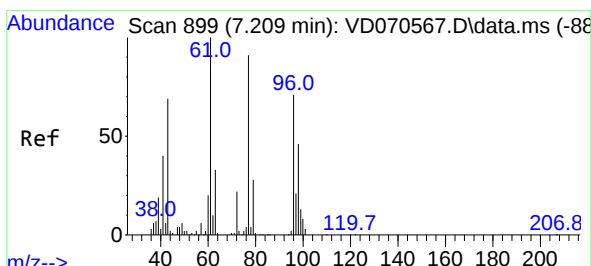
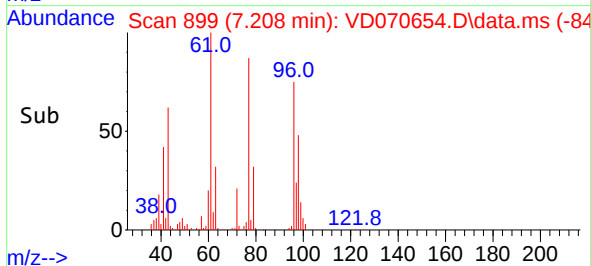
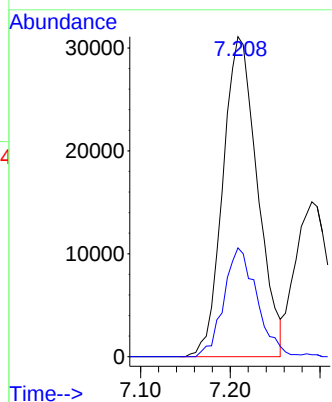
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01



Tgt Ion: 43 Resp: 83105  
Ion Ratio Lower Upper  
43 100  
72 34.0 25.2 37.8

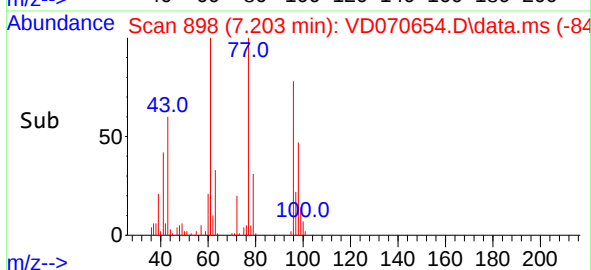
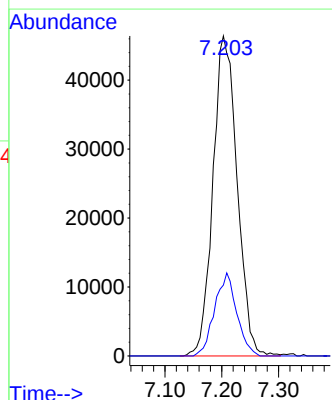
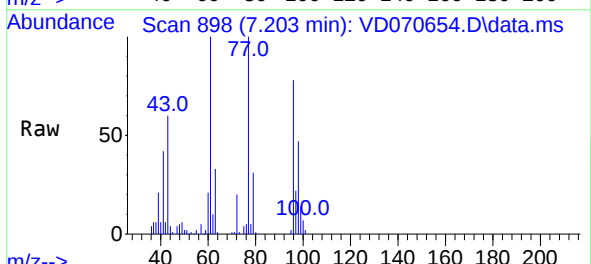
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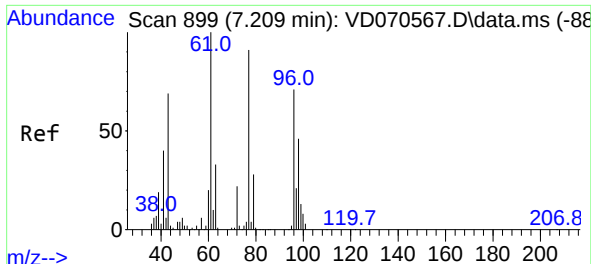
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#26  
2,2-Dichloropropane  
Concen: 20.96 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 77 Resp: 137267  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.9 35.7



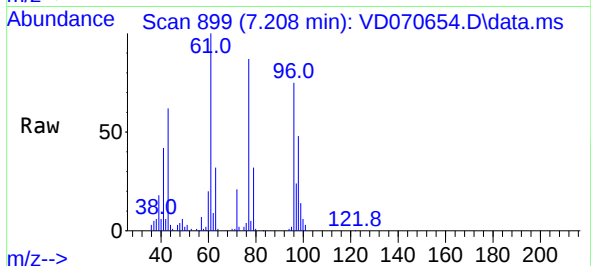


#27  
cis-1,2-Dichloroethene  
Concen: 21.77 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

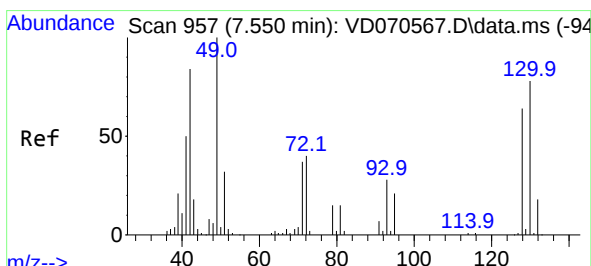
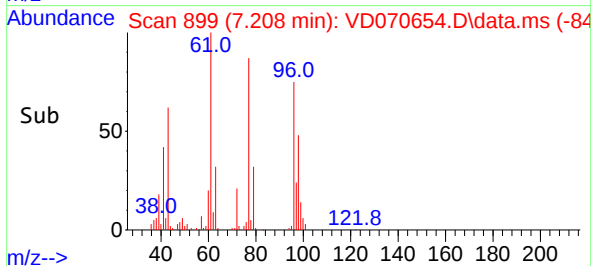
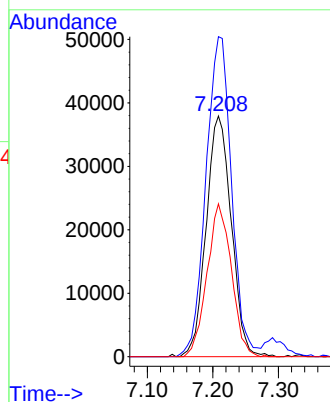
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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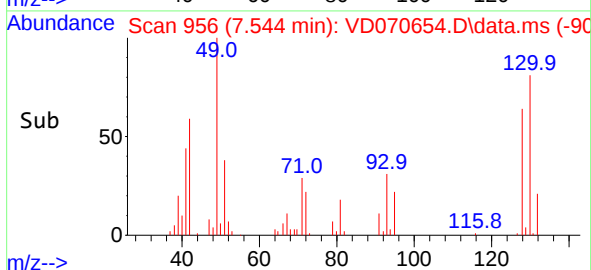
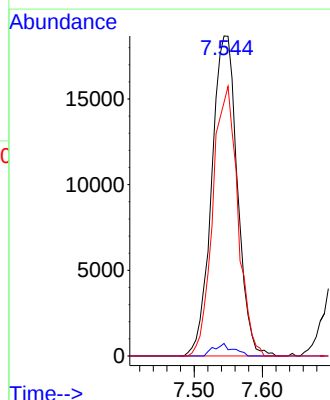
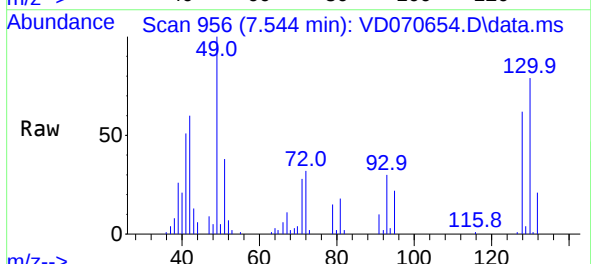


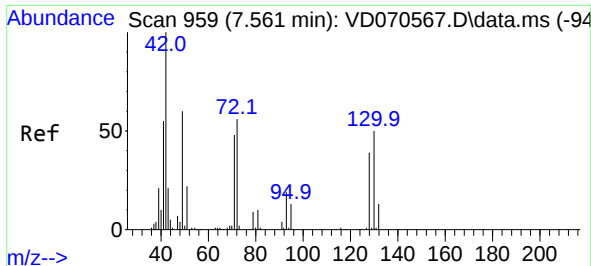
Tgt Ion: 96 Resp: 101097  
Ion Ratio Lower Upper  
96 100  
61 135.4 0.0 278.2  
98 61.4 0.0 128.6



#28  
Bromochloromethane  
Concen: 17.80 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 49 Resp: 49045  
Ion Ratio Lower Upper  
49 100  
129 2.9 0.0 4.8  
130 81.8 62.4 93.6





#29

Tetrahydrofuran

Concen: 101.85 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD070654.D

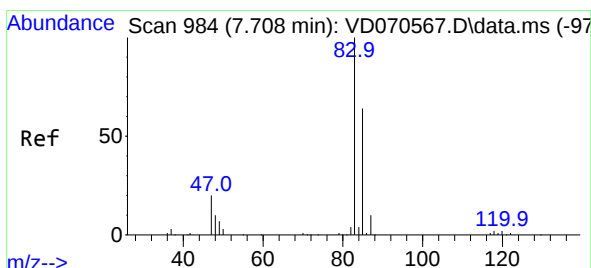
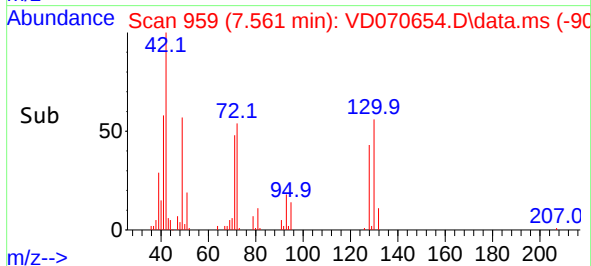
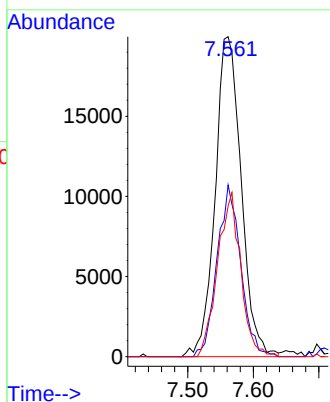
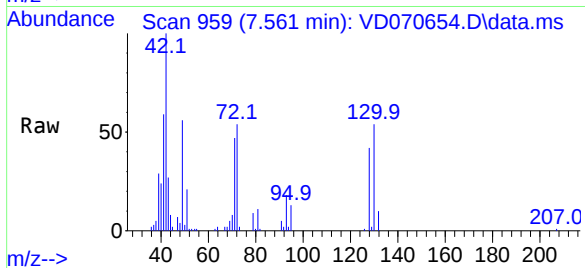
Acq: 11 Oct 2021 12:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 54994 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 48.8  | 40.2  | 60.4  |
| 71       | 45.6  | 37.2  | 55.8  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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#30

Chloroform

Concen: 20.84 ug/l

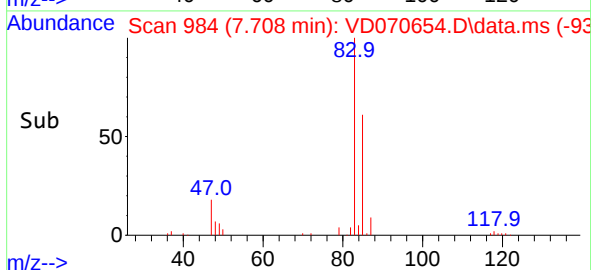
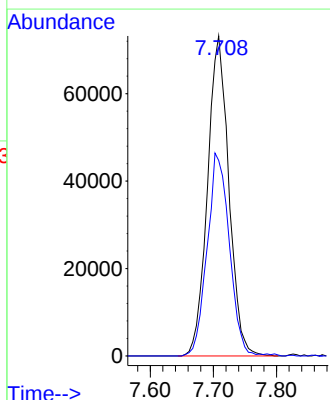
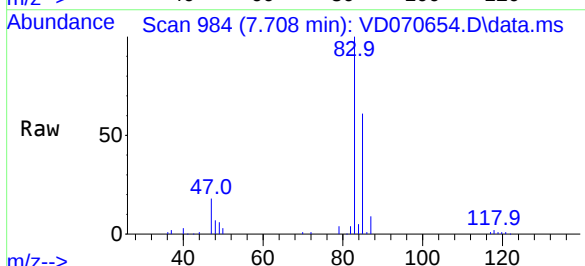
RT: 7.708 min Scan# 984

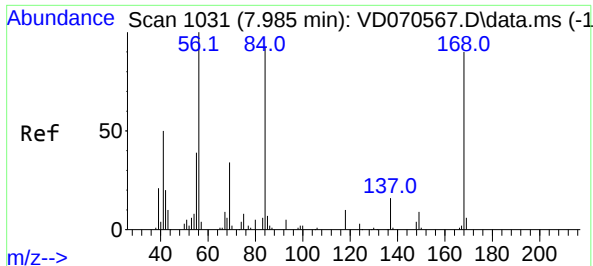
Delta R.T. -0.000 min

Lab File: VD070654.D

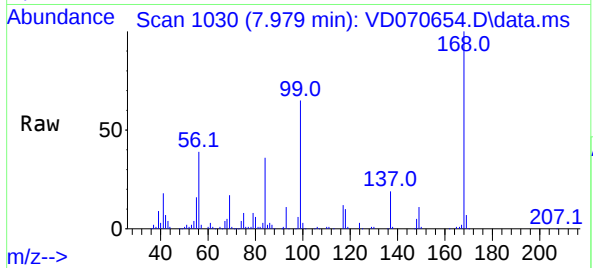
Acq: 11 Oct 2021 12:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 171522 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 61.1  | 51.2  | 76.8   |

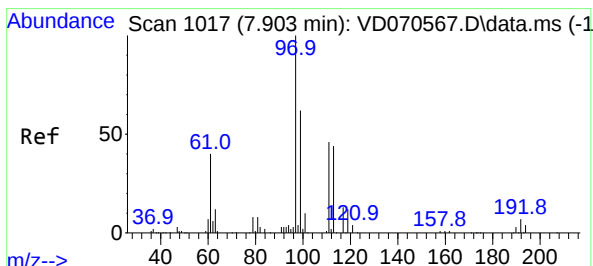
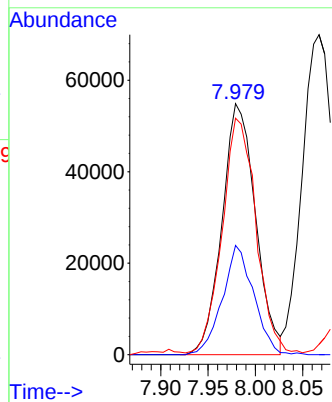
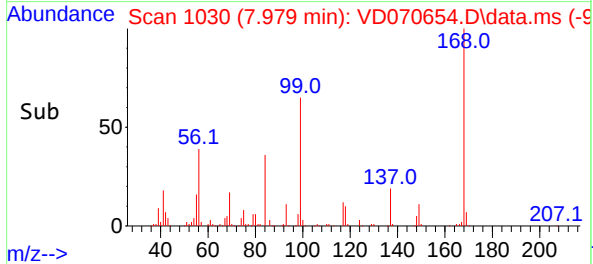




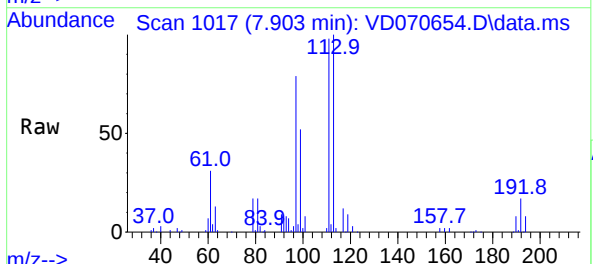
#31  
Cyclohexane  
Concen: 19.38 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



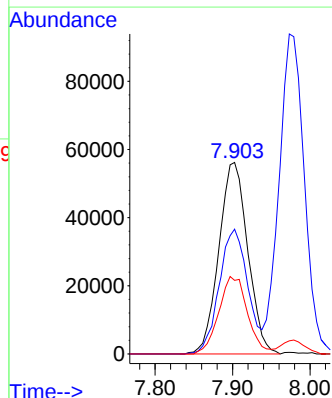
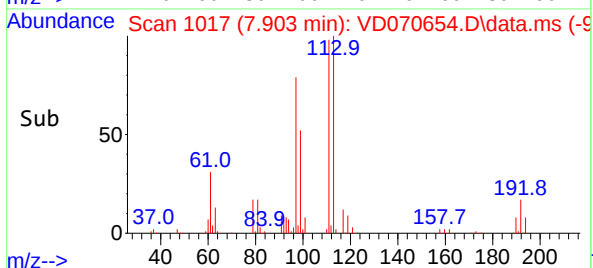
Tgt Ion: 56 Resp: 135205  
Ion Ratio Lower Upper  
56 100  
69 43.5 27.4 41.2#  
84 93.2 73.6 110.4



#32  
1,1,1-Trichloroethane  
Concen: 20.54 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



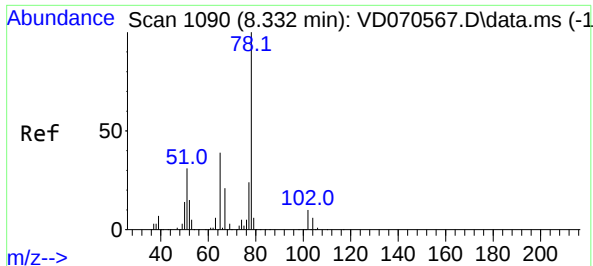
Tgt Ion: 97 Resp: 145615  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.7 76.1  
61 40.2 32.5 48.7



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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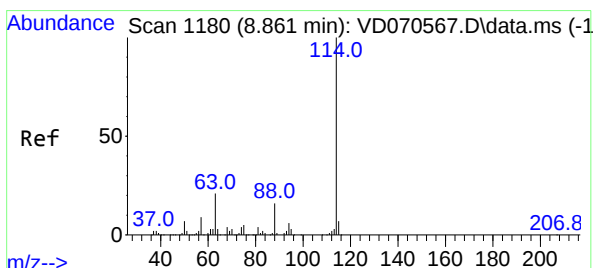
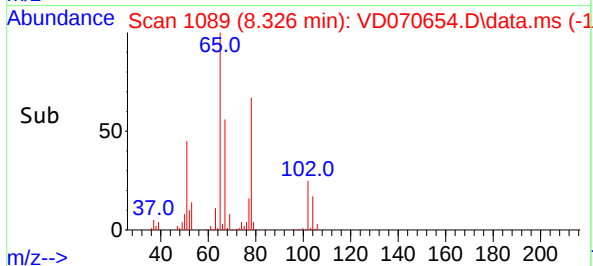
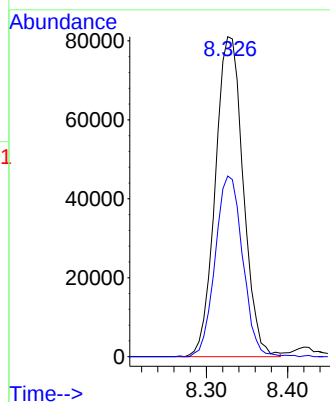
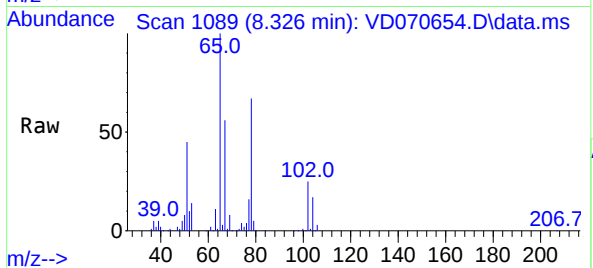
#33  
1,2-Dichloroethane-d4  
Concen: 51.41 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 65 Resp: 193721  
Ion Ratio Lower Upper  
65 100  
67 55.6 0.0 110.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

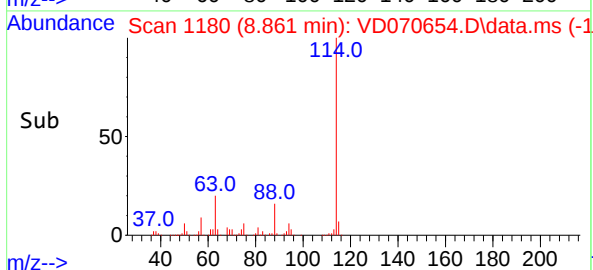
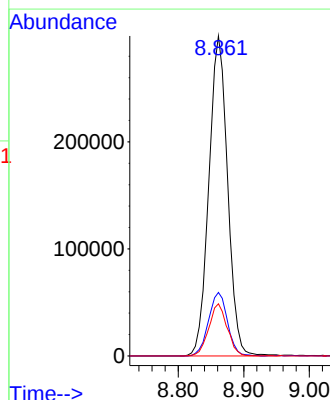
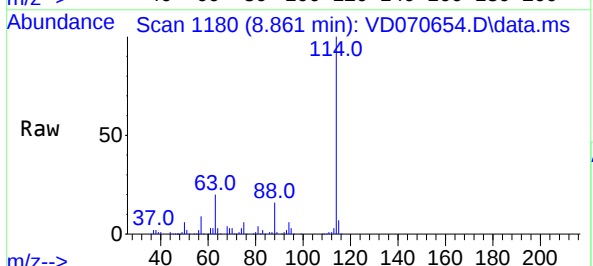
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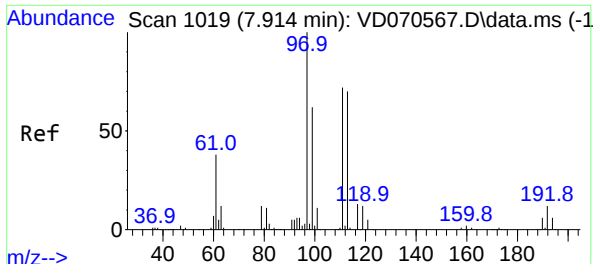
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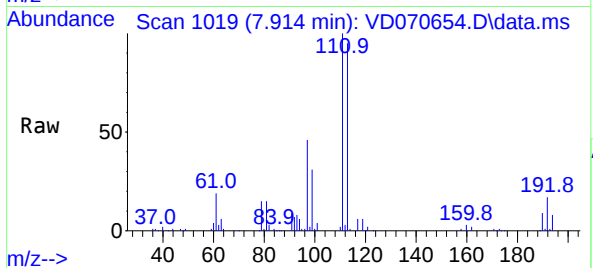
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 114 Resp: 593895  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 41.8  
88 16.3 0.0 32.6

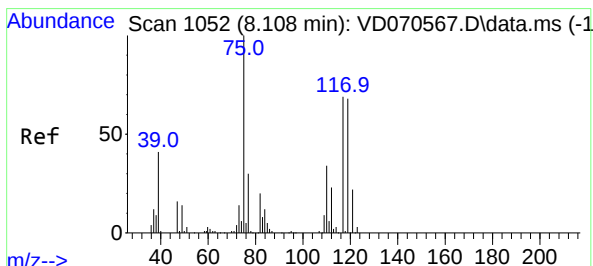
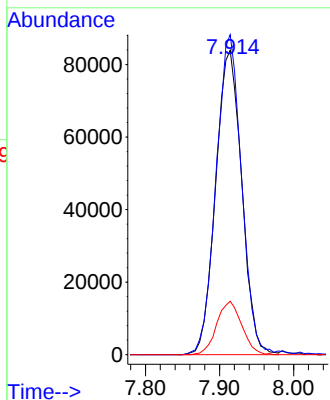
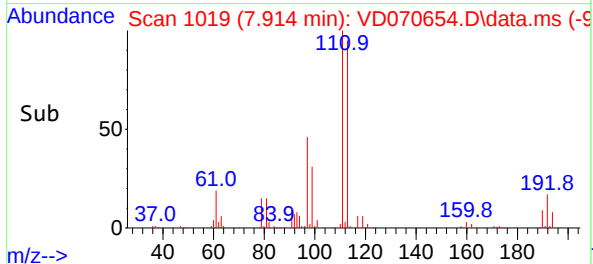




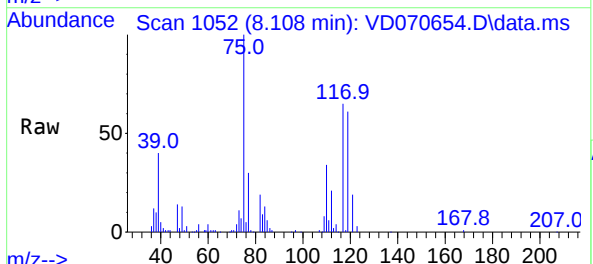
#35  
Dibromofluoromethane  
Concen: 51.92 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



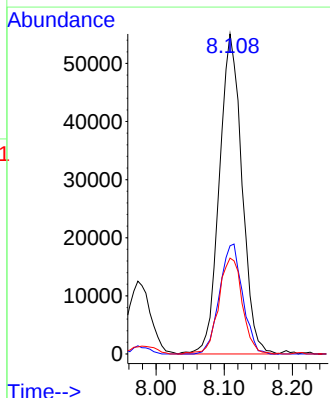
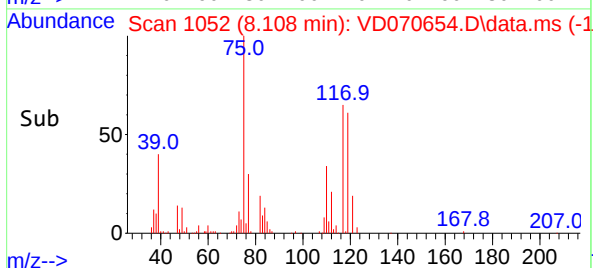
Tgt Ion:113 Resp: 204998  
Ion Ratio Lower Upper  
113 100  
111 103.1 83.1 124.7  
192 16.9 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 20.14 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



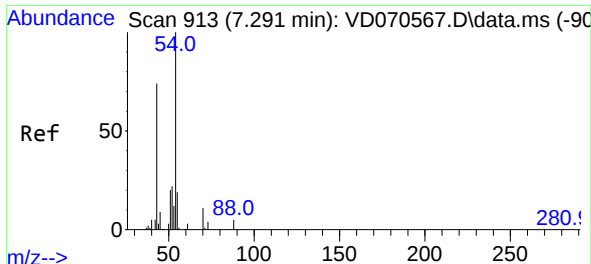
Tgt Ion: 75 Resp: 127054  
Ion Ratio Lower Upper  
75 100  
110 35.0 17.2 51.6  
77 31.4 24.2 36.4



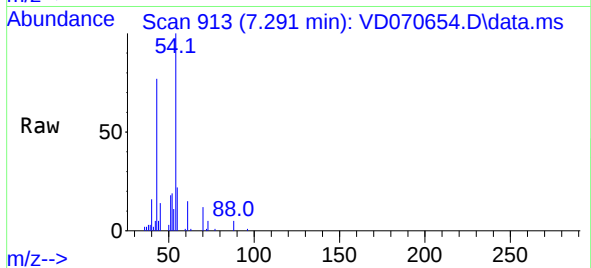
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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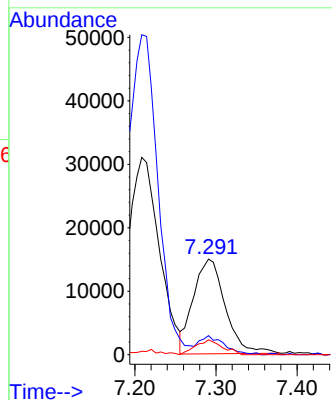


#37  
Ethyl Acetate  
Concen: 19.39 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



Tgt Ion: 43 Resp: 40641

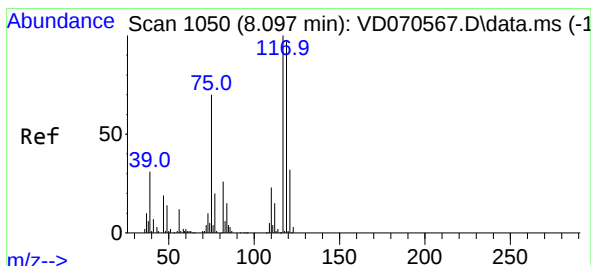
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.4  | 12.9  | 19.3  |
| 70  | 13.1  | 9.9   | 14.9  |



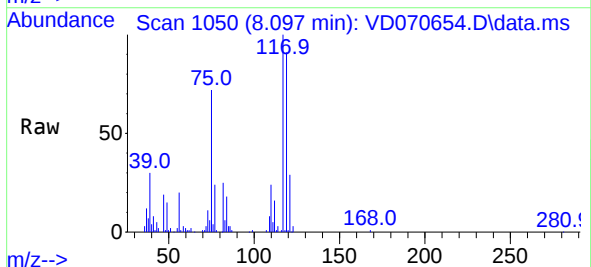
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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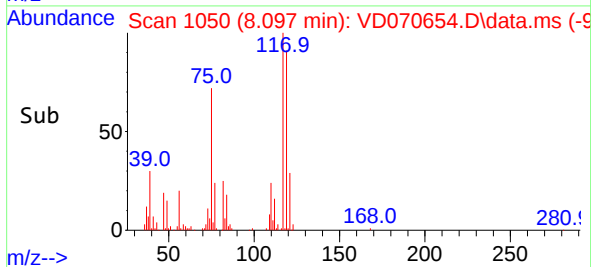
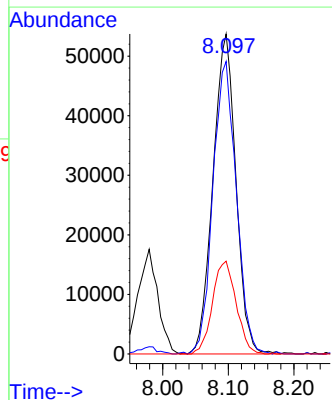


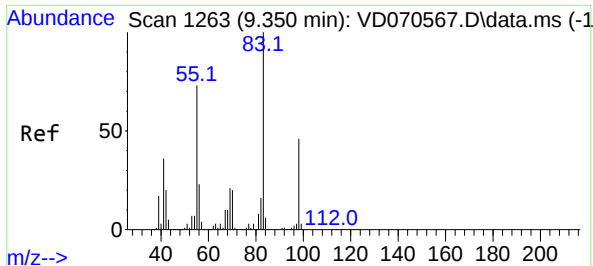
#38  
Carbon Tetrachloride  
Concen: 19.74 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



Tgt Ion: 117 Resp: 130280

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 91.1  | 77.4  | 116.0 |
| 121 | 29.0  | 25.4  | 38.0  |





#39

Methylcyclohexane

Concen: 18.59 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD070654.D

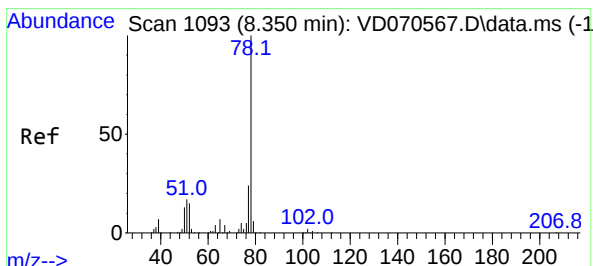
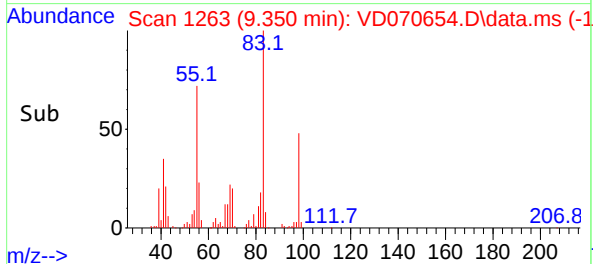
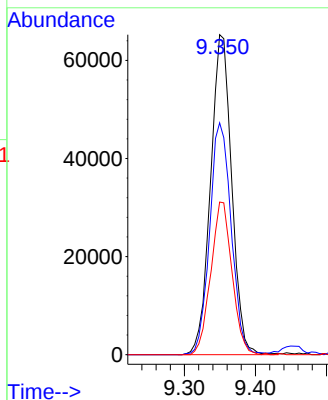
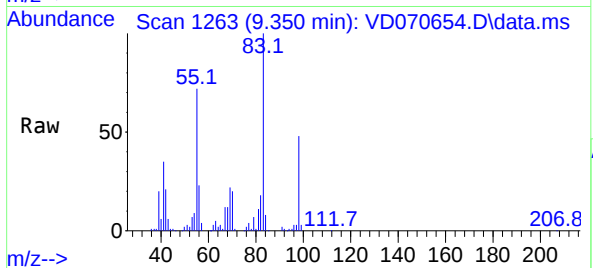
Acq: 11 Oct 2021 12:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 134833 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 72.5  | 58.2  | 87.4   |
| 98       | 47.7  | 36.9  | 55.3   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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10/15/2021 1:18:14 AM



#40

Benzene

Concen: 19.99 ug/l

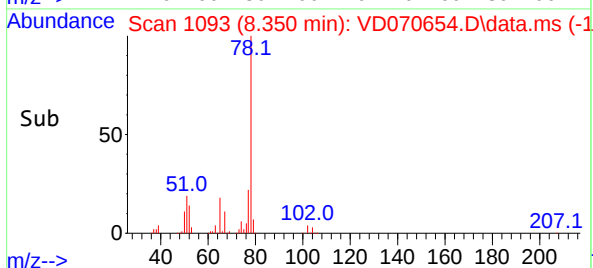
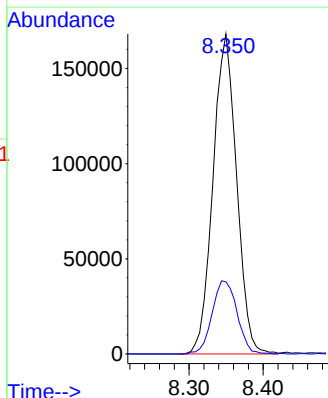
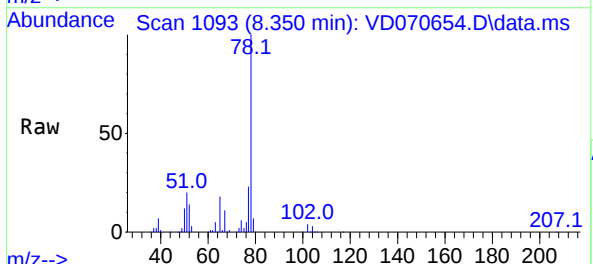
RT: 8.350 min Scan# 1093

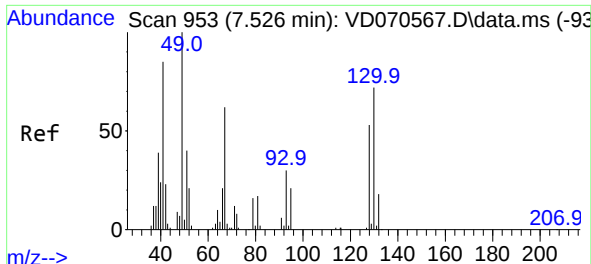
Delta R.T. -0.000 min

Lab File: VD070654.D

Acq: 11 Oct 2021 12:23

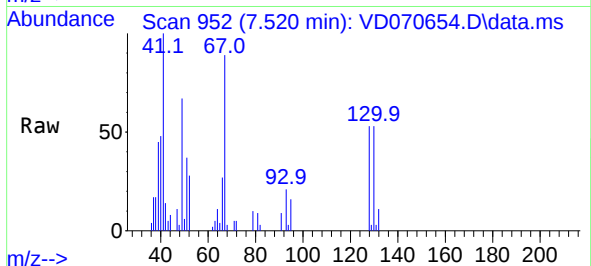
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 371640 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 22.6  | 18.9  | 28.3   |





#41  
Methacrylonitrile  
Concen: 18.86 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

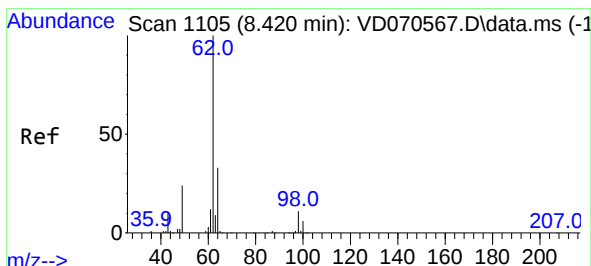
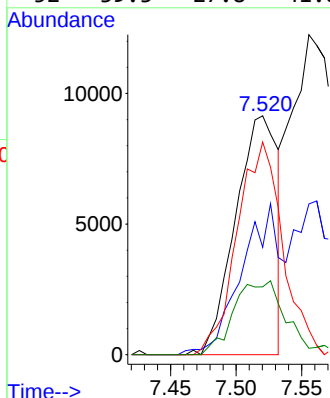
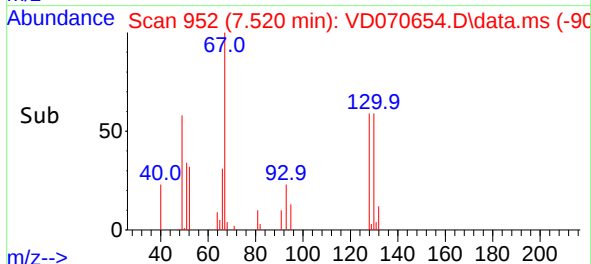
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01



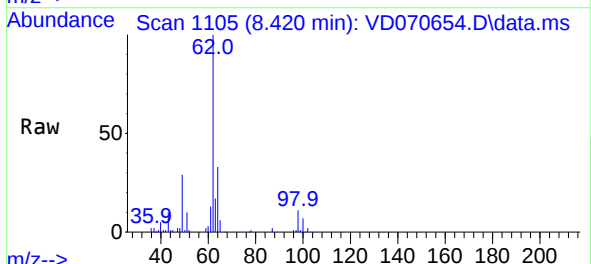
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 20384 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.7  | 45.2  | 67.8  |
| 67       | 96.6  | 75.8  | 113.6 |
| 52       | 39.3  | 27.8  | 41.8  |

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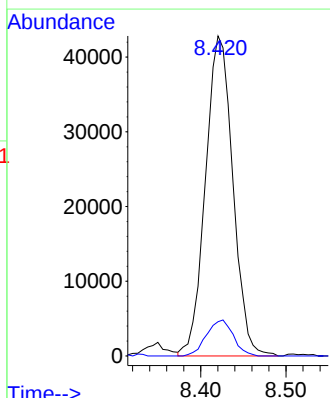
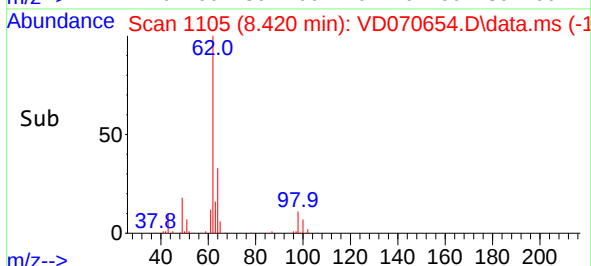
MMDadoda  
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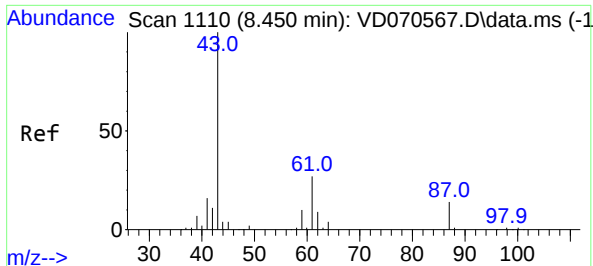


#42  
1,2-Dichloroethane  
Concen: 19.92 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 95765 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 11.0  | 0.0   | 22.0  |





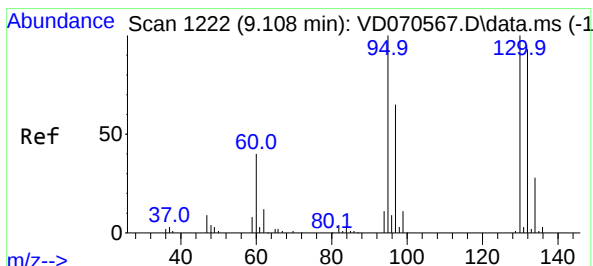
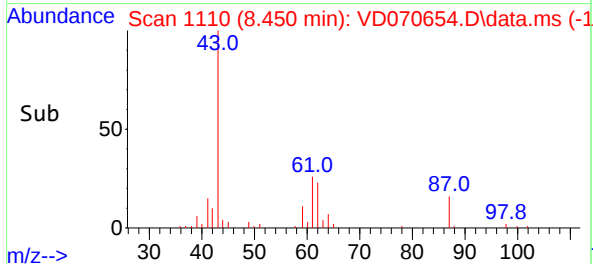
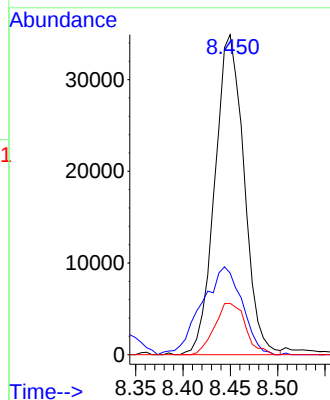
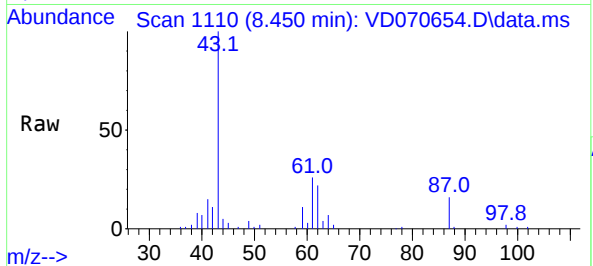
#43  
Isopropyl Acetate  
Concen: 19.47 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 43 Resp: 74745  
Ion Ratio Lower Upper  
43 100  
61 38.0 29.0 43.4  
87 17.0 11.8 17.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

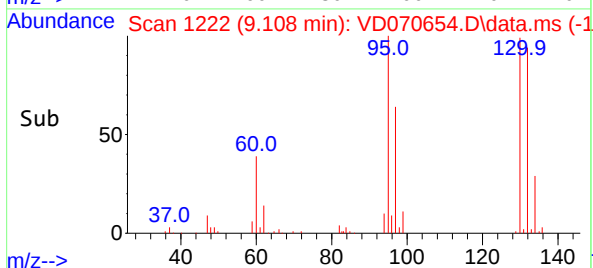
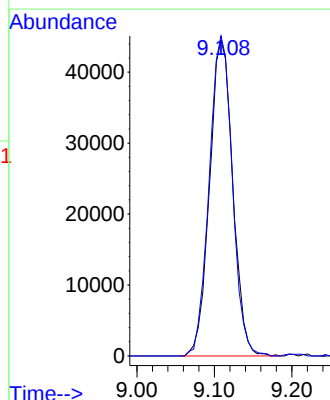
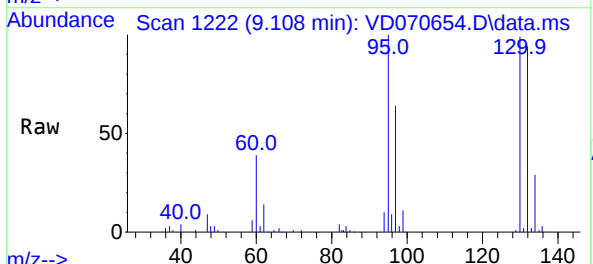
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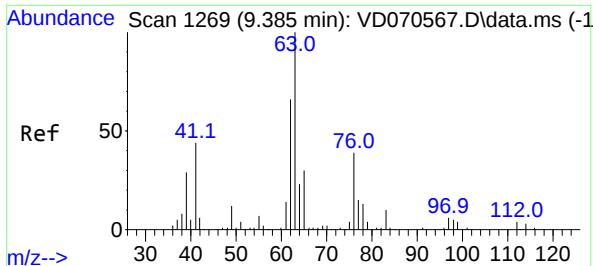
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#44  
Trichloroethene  
Concen: 20.18 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion:130 Resp: 92506  
Ion Ratio Lower Upper  
130 100  
95 101.3 0.0 200.8





#45

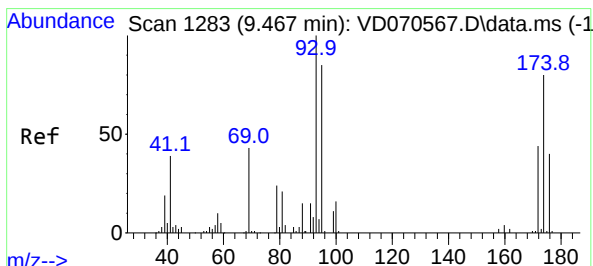
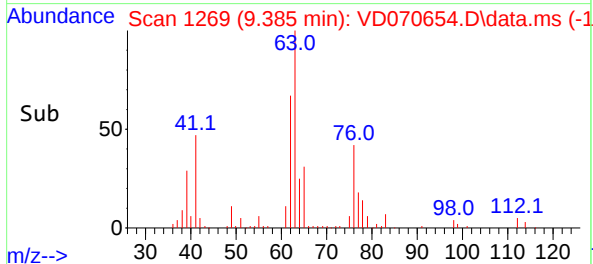
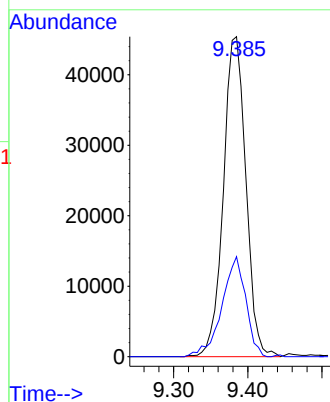
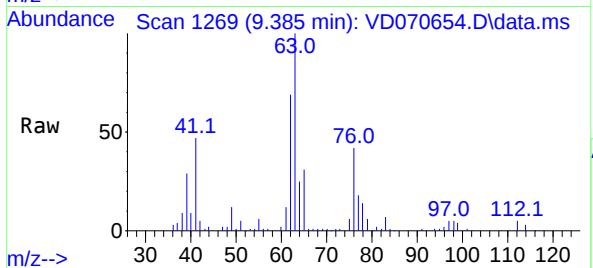
1,2-Dichloropropane  
Concen: 20.18 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 63 Resp: 95765  
Ion Ratio Lower Upper  
63 100  
65 31.2 23.8 35.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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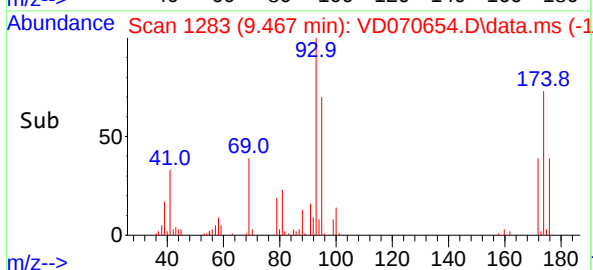
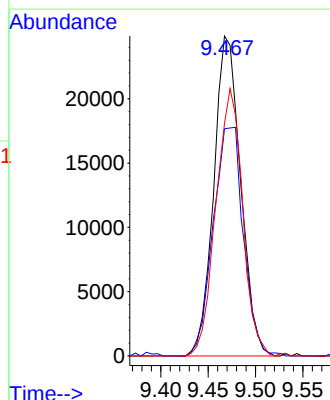
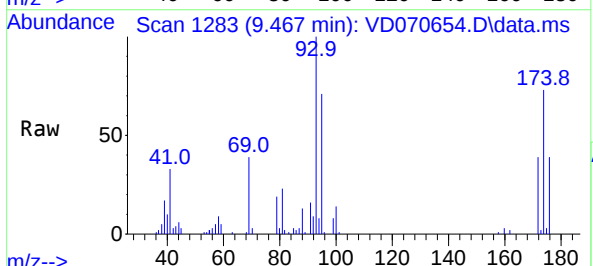
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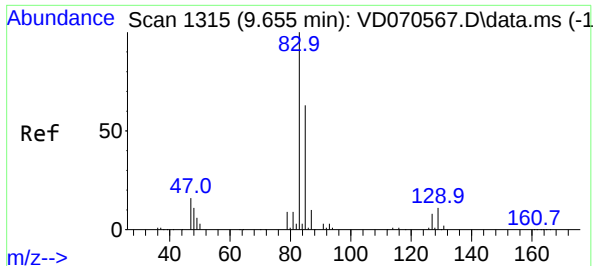


#46

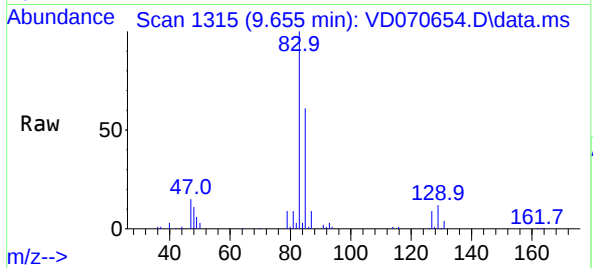
Dibromomethane  
Concen: 20.15 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 93 Resp: 49073  
Ion Ratio Lower Upper  
93 100  
95 80.5 66.5 99.7  
174 82.9 66.7 100.1

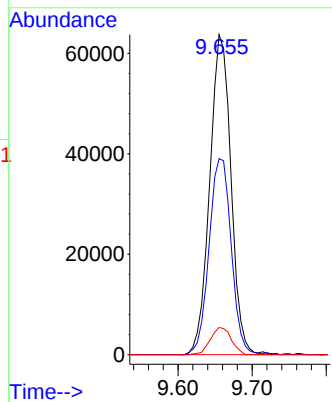
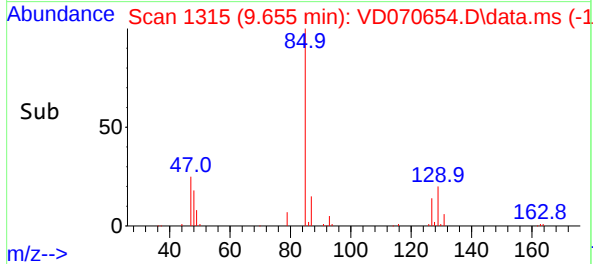




#47  
Bromodichloromethane  
Concen: 20.22 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



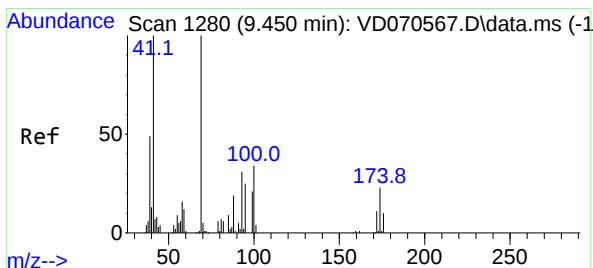
Tgt Ion: 83 Resp: 127070  
Ion Ratio Lower Upper  
83 100  
85 61.2 50.7 76.1  
127 8.5 6.5 9.7



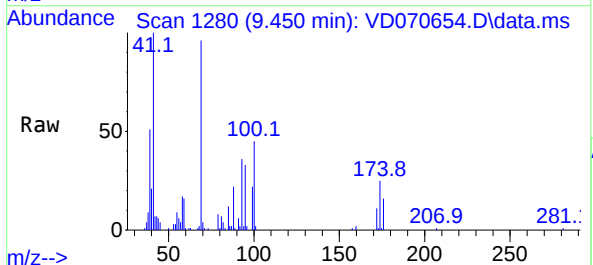
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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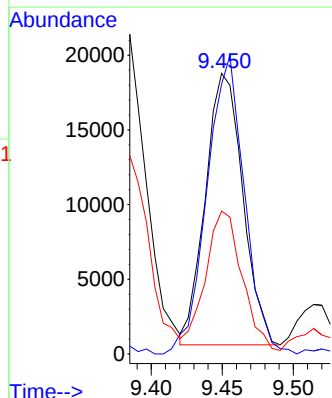
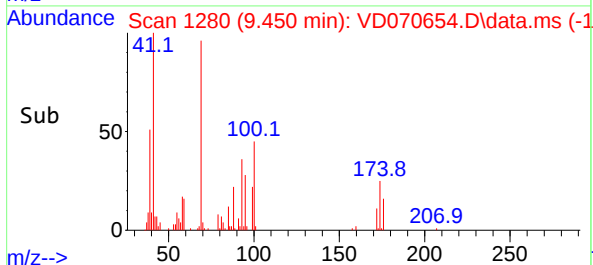
MMDadoda  
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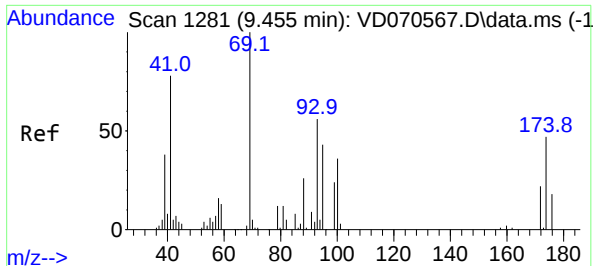


#48  
Methyl methacrylate  
Concen: 18.53 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



Tgt Ion: 41 Resp: 33357  
Ion Ratio Lower Upper  
41 100  
69 110.1 78.5 117.7  
39 53.1 34.9 52.3#





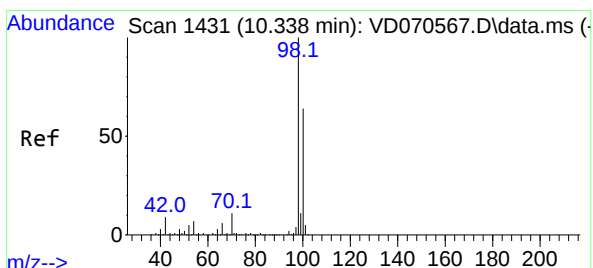
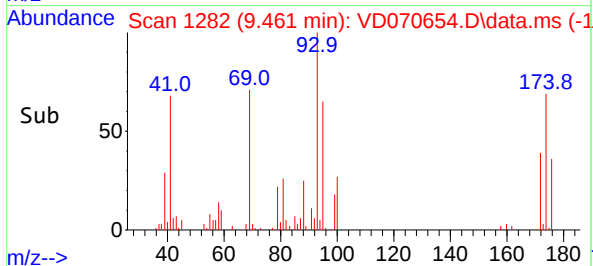
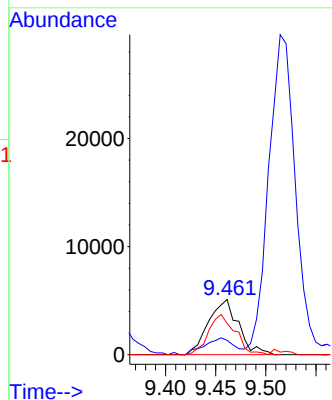
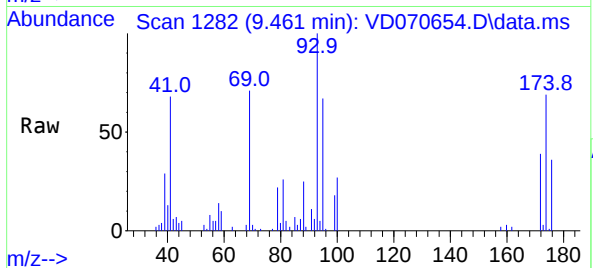
#49  
1,4-Dioxane  
Concen: 427.86 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 88 Resp: 10587  
Ion Ratio Lower Upper  
88 100  
43 30.3 25.1 37.7  
58 65.1 57.4 86.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

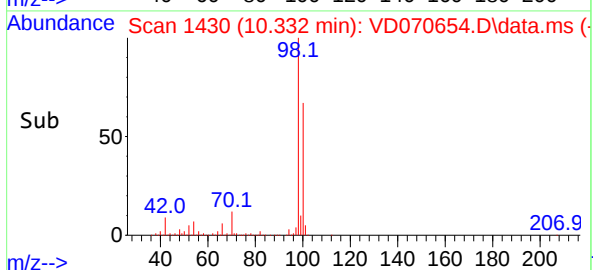
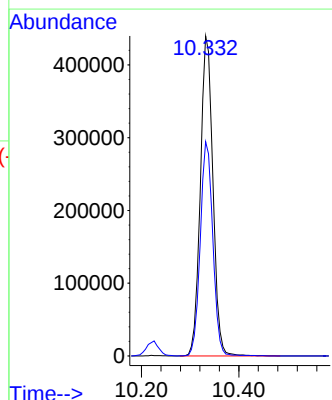
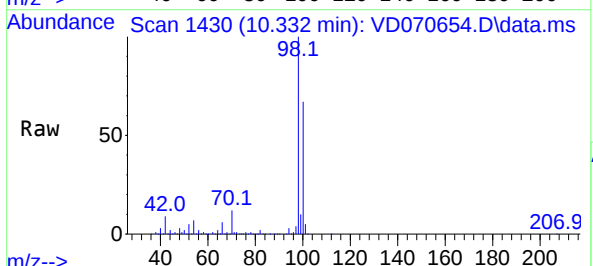
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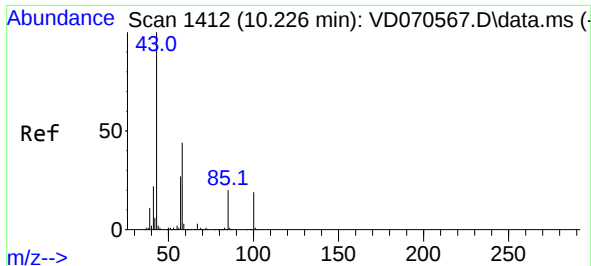
MMDadoda  
10/15/2021 1:18:14 AM



#50  
Toluene-d8  
Concen: 52.16 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 98 Resp: 787405  
Ion Ratio Lower Upper  
98 100  
100 67.1 52.2 78.4





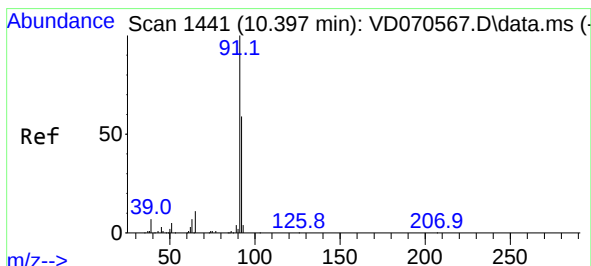
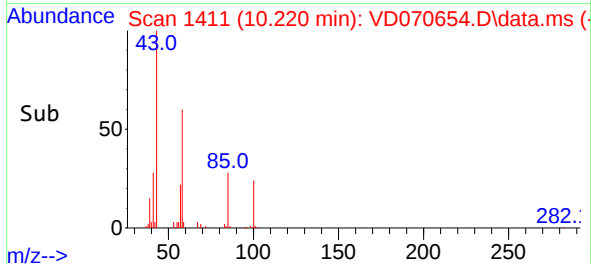
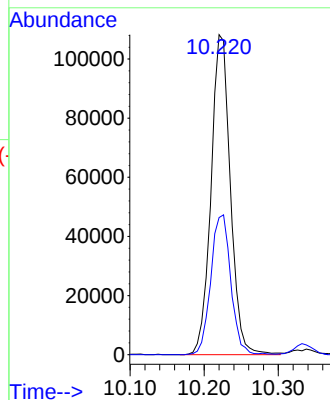
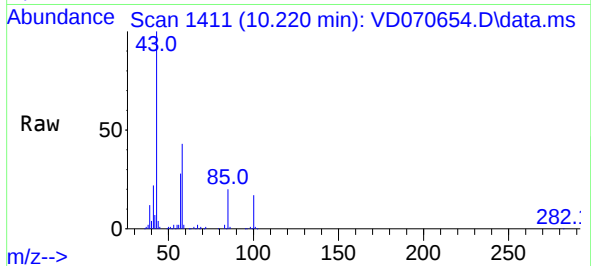
#51  
4-Methyl-2-Pentanone  
Concen: 99.22 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 43 Resp: 196566  
Ion Ratio Lower Upper  
43 100  
58 45.2 35.0 52.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

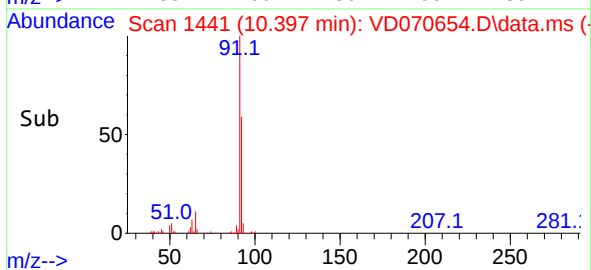
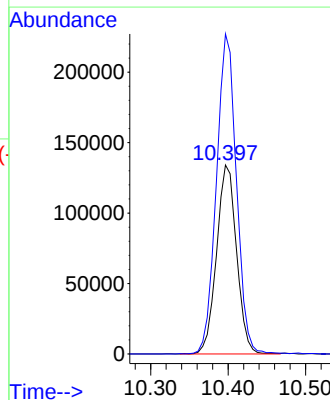
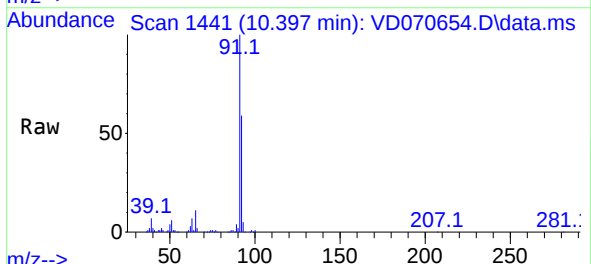
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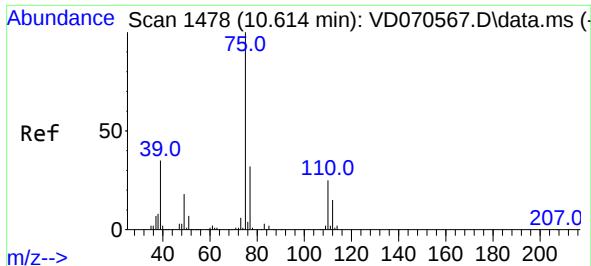
MMDadoda  
10/15/2021 1:18:14 AM



#52  
Toluene  
Concen: 21.05 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

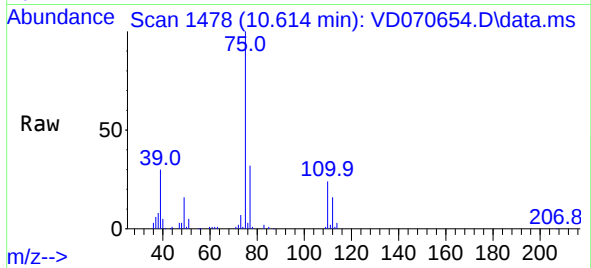
Tgt Ion: 92 Resp: 240462  
Ion Ratio Lower Upper  
92 100  
91 169.7 136.3 204.5





#53  
t-1,3-Dichloropropene  
Concen: 20.61 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

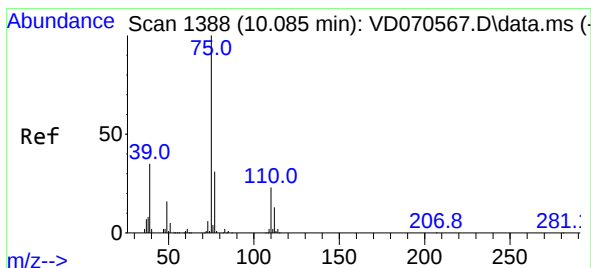
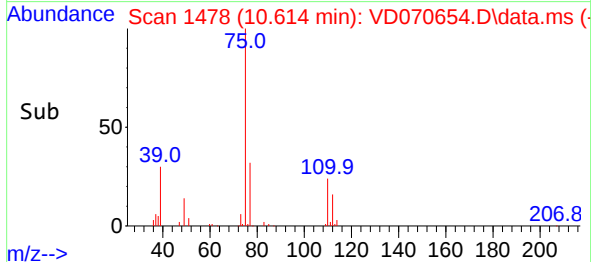
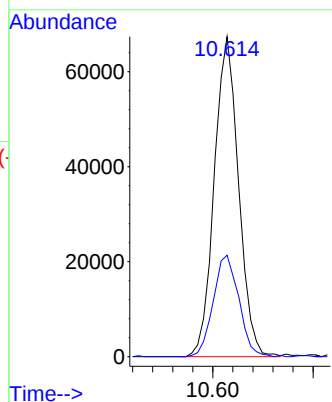
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01



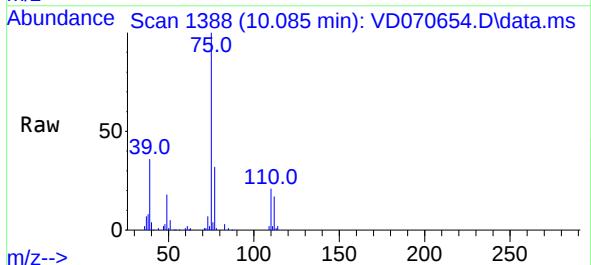
Tgt Ion: 75 Resp: 113344  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.5 38.3

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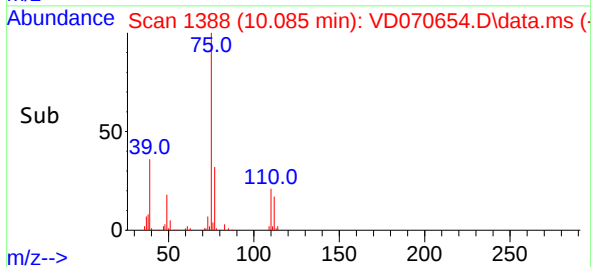
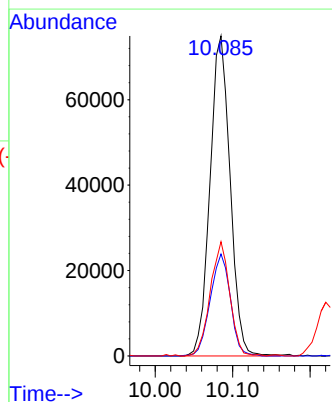
MMDadoda  
10/15/2021 1:18:14 AM

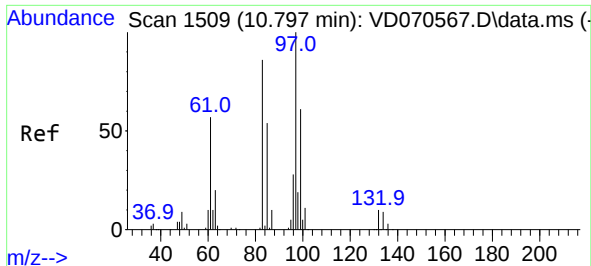


#54  
cis-1,3-Dichloropropene  
Concen: 20.43 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



Tgt Ion: 75 Resp: 135313  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.2 37.8  
39 35.7 27.8 41.6





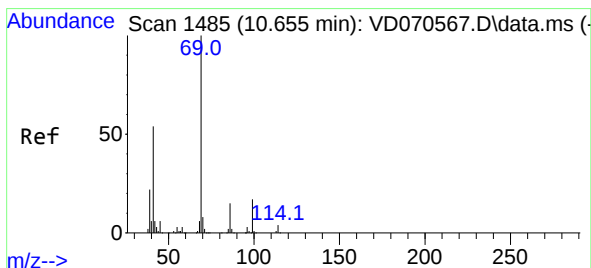
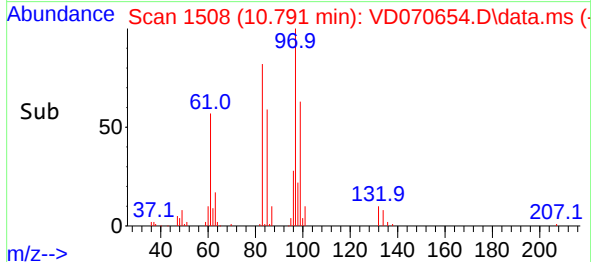
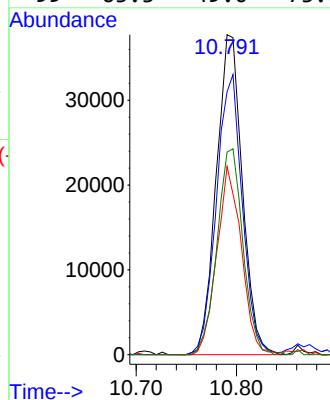
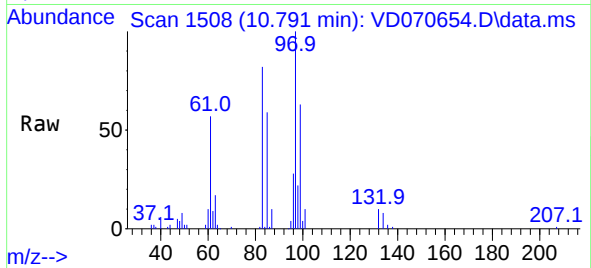
#55  
1,1,2-Trichloroethane  
Concen: 20.53 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 68099 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.1  | 69.1  | 103.7 |
| 85       | 58.8  | 43.0  | 64.6  |
| 99       | 63.3  | 49.0  | 73.6  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

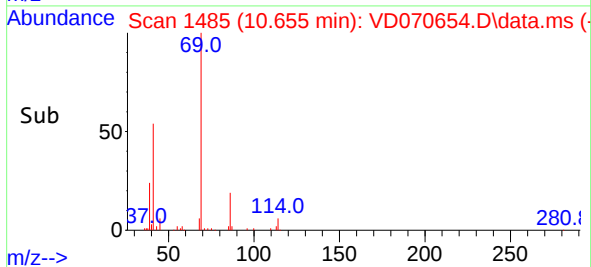
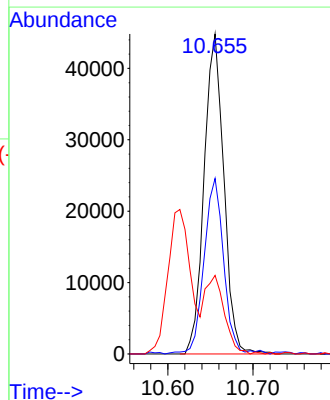
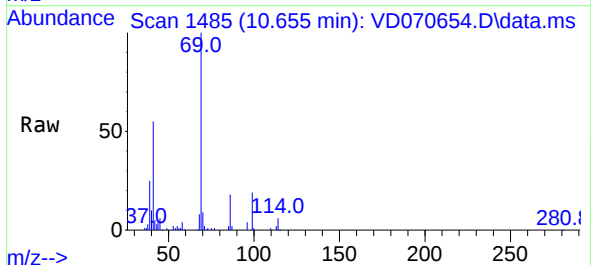
Manual Integrations  
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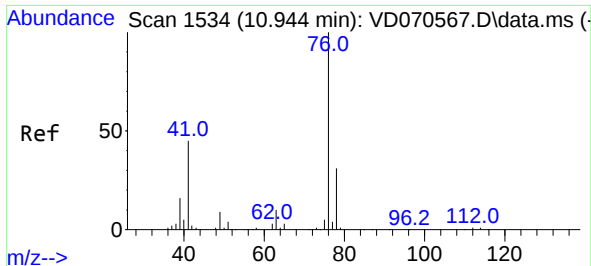
MMDadoda  
10/15/2021 1:18:14 AM



#56  
Ethyl methacrylate  
Concen: 19.12 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 72310 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 54.0  | 44.7  | 67.1  |
| 39       | 24.2  | 19.5  | 29.3  |





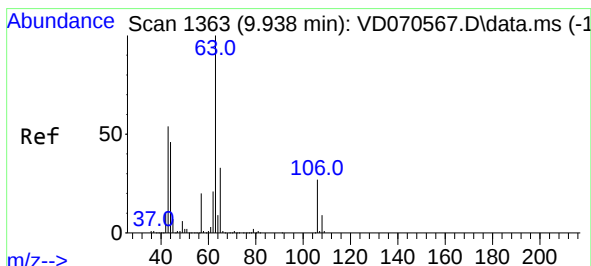
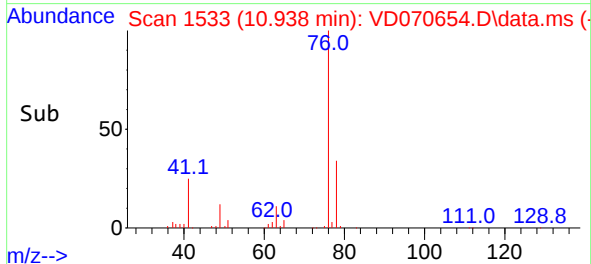
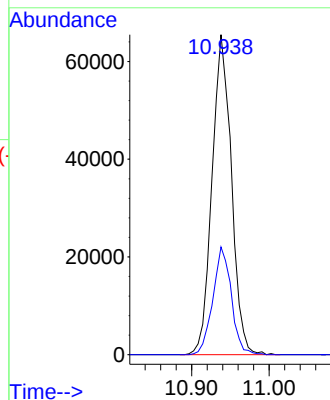
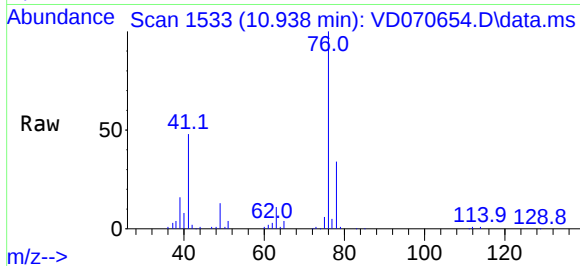
#57  
1,3-Dichloropropane  
Concen: 20.13 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 76 Resp: 113608  
Ion Ratio Lower Upper  
76 100  
78 32.1 25.3 37.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

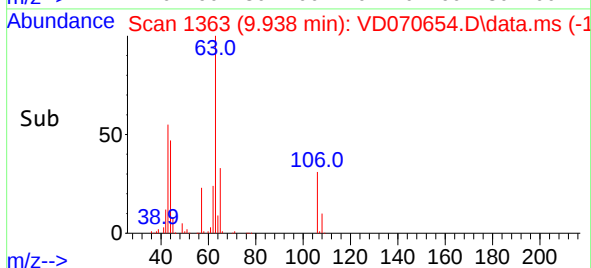
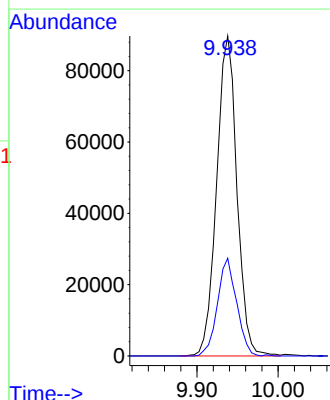
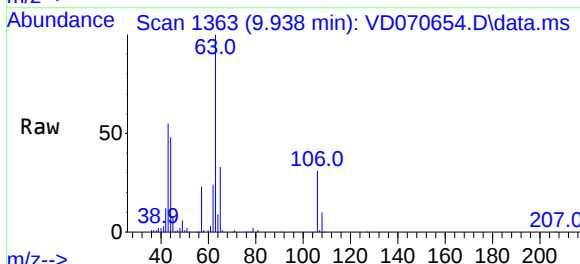
Manual Integrations  
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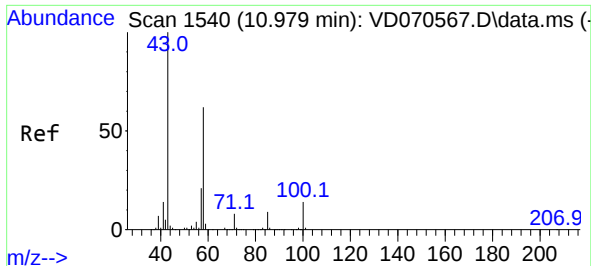
MMDadoda  
10/15/2021 1:18:14 AM



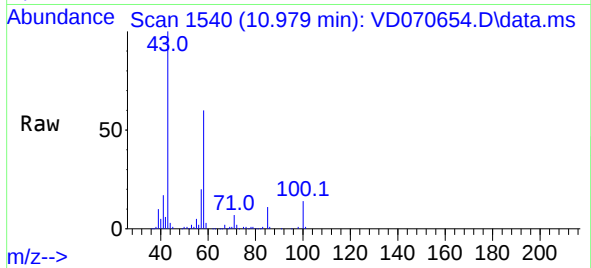
#58  
2-Chloroethyl Vinyl ether  
Concen: 97.68 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 63 Resp: 156129  
Ion Ratio Lower Upper  
63 100  
106 28.8 22.3 33.5

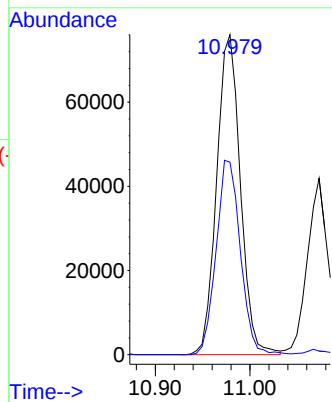
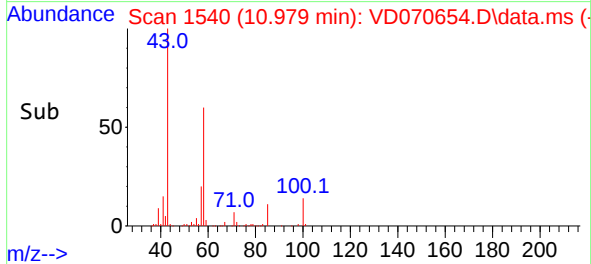




#59  
2-Hexanone  
Concen: 89.70 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



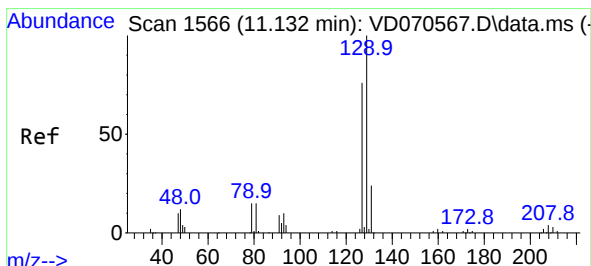
Tgt Ion: 43 Resp: 132169  
Ion Ratio Lower Upper  
43 100  
58 62.1 30.4 91.3



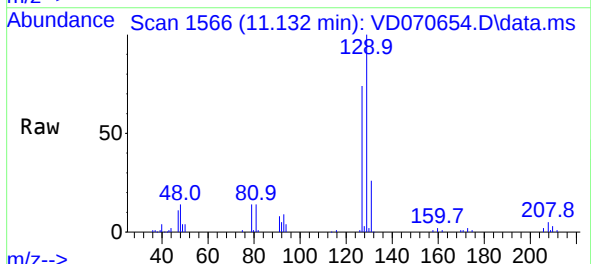
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

Manual Integrations  
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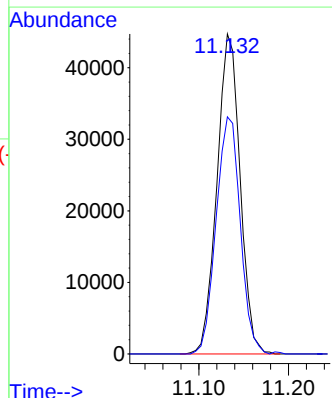
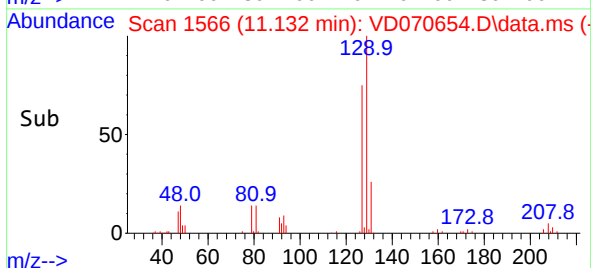
MMDadoda  
10/15/2021 1:18:14 AM

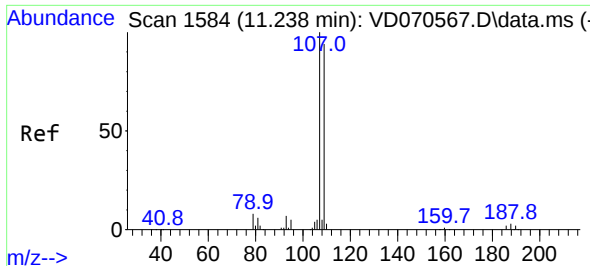


#60  
Dibromochloromethane  
Concen: 20.05 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



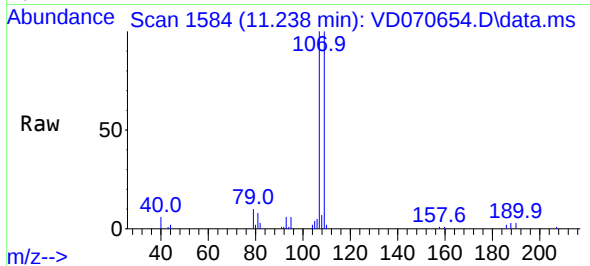
Tgt Ion:129 Resp: 80116  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.6 115.8





#61  
1,2-Dibromoethane  
Concen: 19.65 ug/l  
RT: 11.238 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

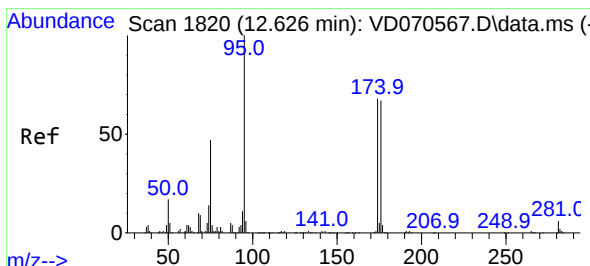
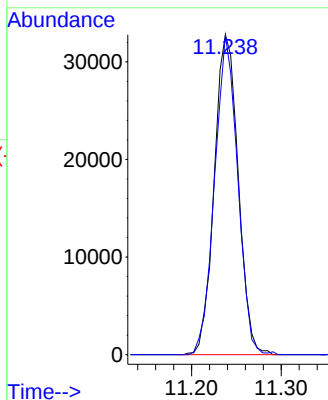
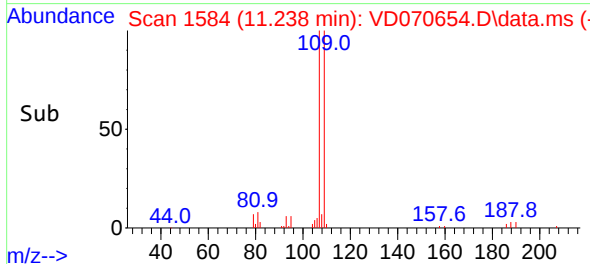
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01



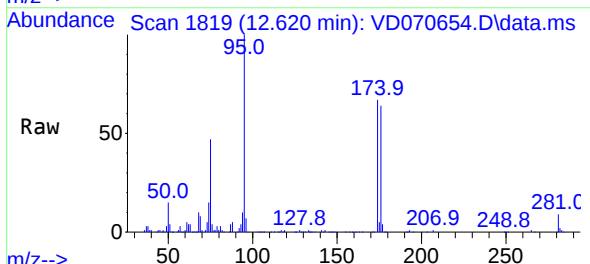
Tgt Ion:107 Resp: 60698  
Ion Ratio Lower Upper  
107 100  
109 95.9 75.0 112.6

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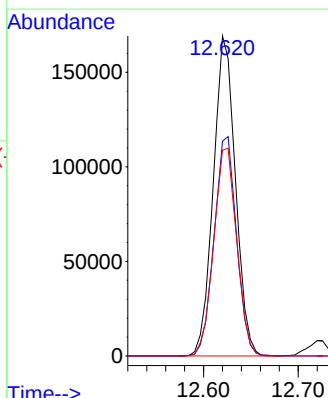
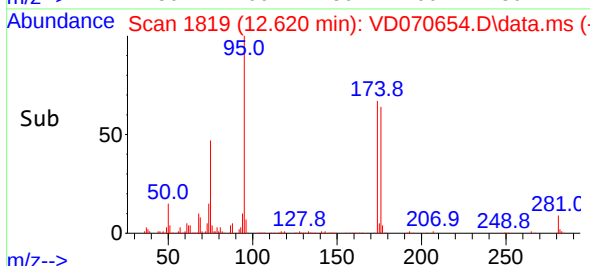
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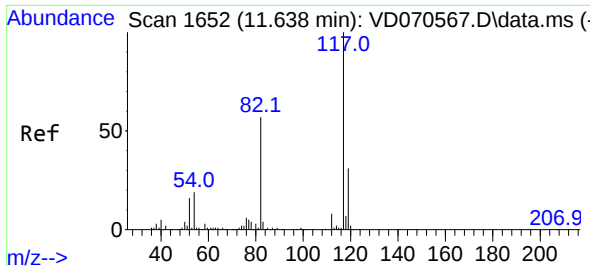


#62  
4-Bromofluorobenzene  
Concen: 54.46 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



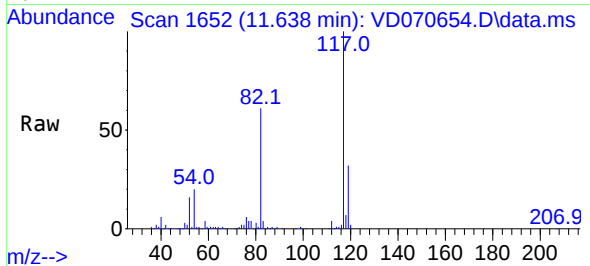
Tgt Ion: 95 Resp: 274742  
Ion Ratio Lower Upper  
95 100  
174 69.5 0.0 138.0  
176 67.5 0.0 135.6





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

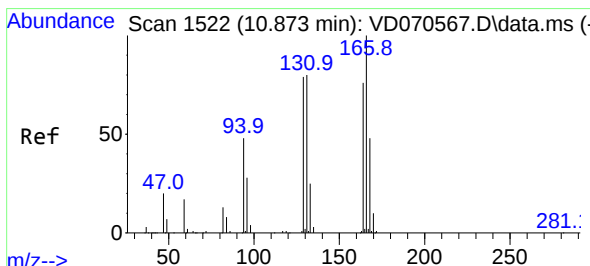
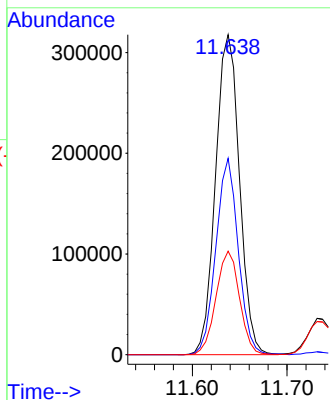
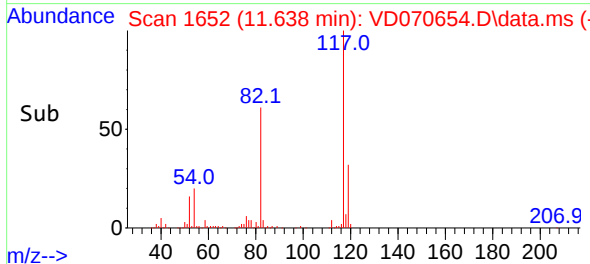
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01



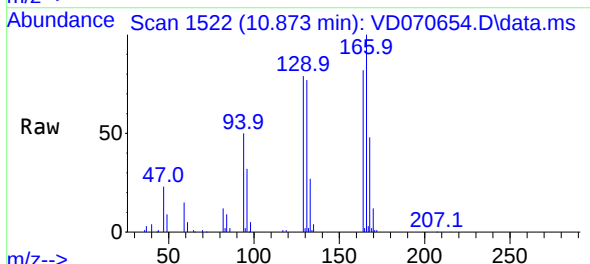
Tgt Ion:117 Resp: 558918  
Ion Ratio Lower Upper  
117 100  
82 61.4 45.4 68.2  
119 32.3 24.7 37.1

Manual Integrations  
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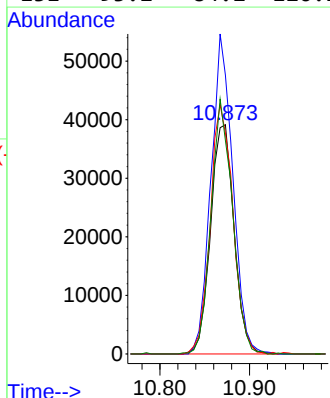
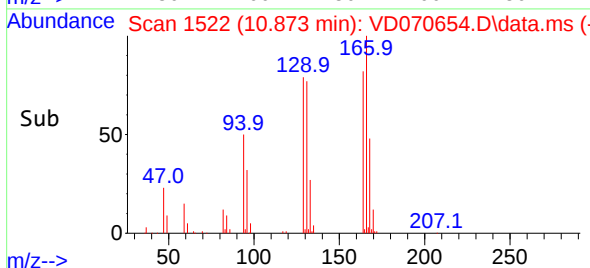
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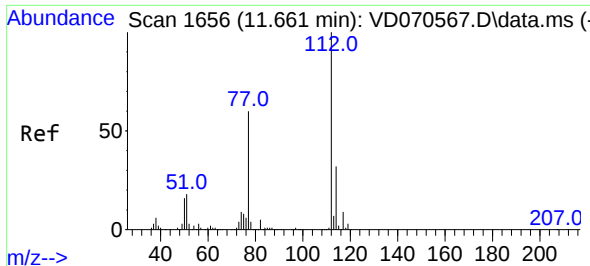


#64  
Tetrachloroethene  
Concen: 19.80 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



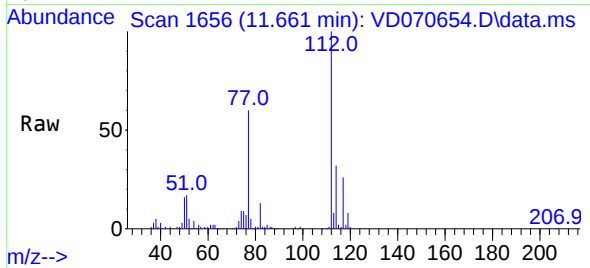
Tgt Ion:164 Resp: 70975  
Ion Ratio Lower Upper  
164 100  
166 121.6 105.8 158.6  
129 96.3 83.8 125.6  
131 93.2 84.2 126.2





#65  
Chlorobenzene  
Concen: 20.76 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

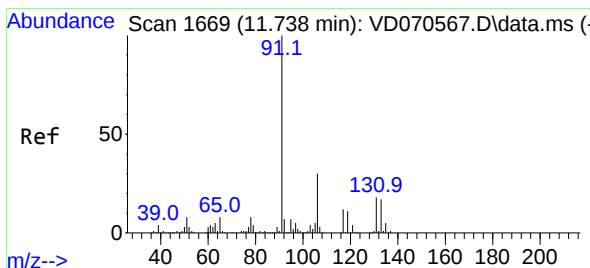
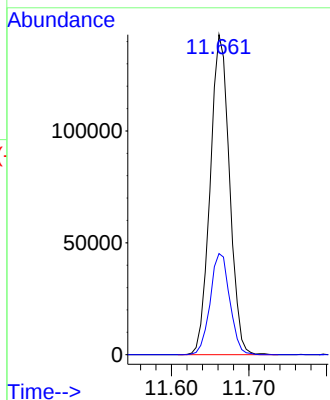
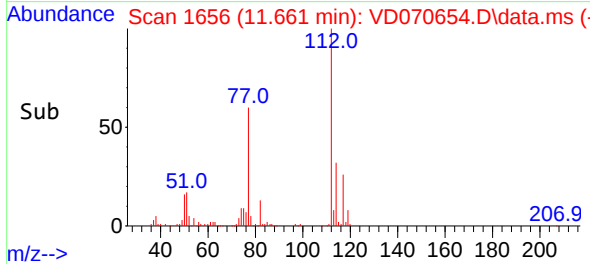
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01



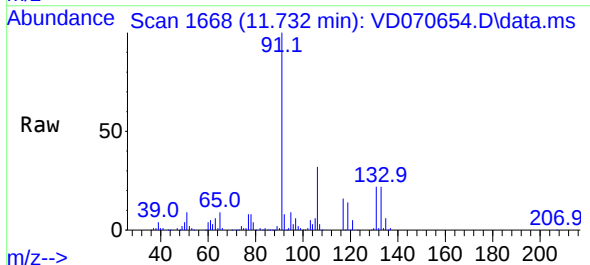
Tgt Ion:112 Resp: 247420  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.3 37.9

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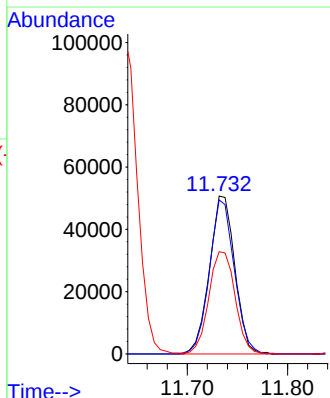
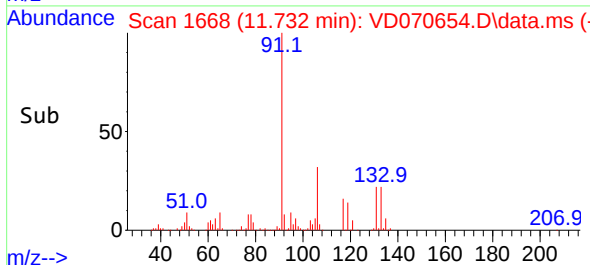
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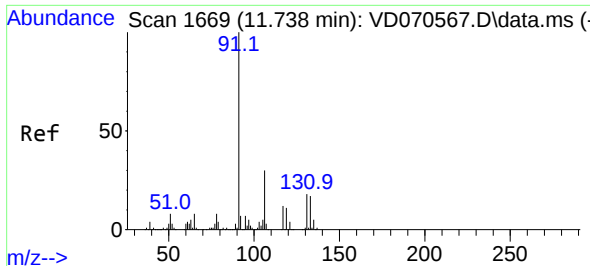


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.10 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



Tgt Ion:131 Resp: 89115  
Ion Ratio Lower Upper  
131 100  
133 96.2 46.8 140.3  
119 67.2 32.6 97.7





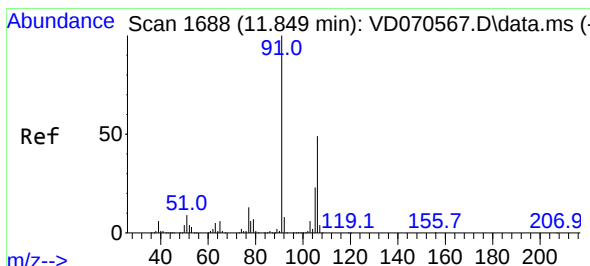
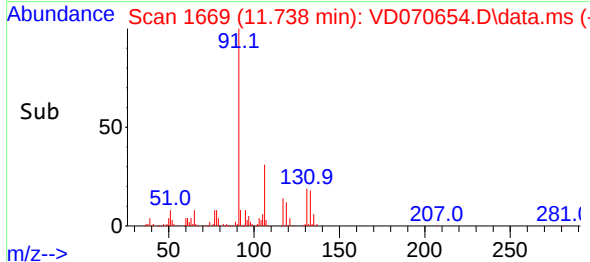
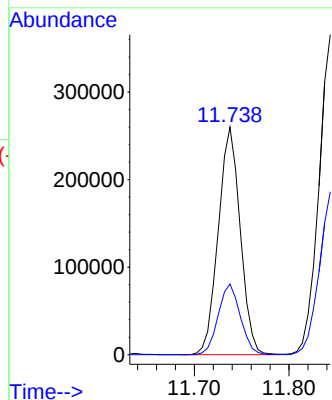
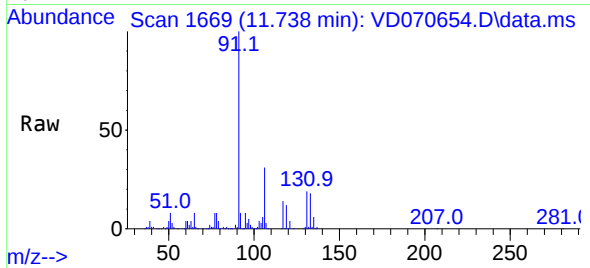
#67  
Ethyl Benzene  
Concen: 20.39 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 91 Resp: 419387  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.2 36.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

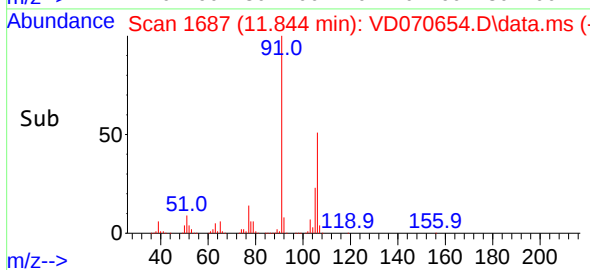
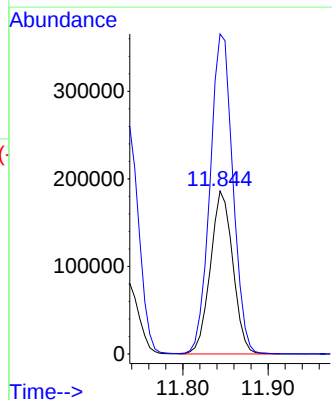
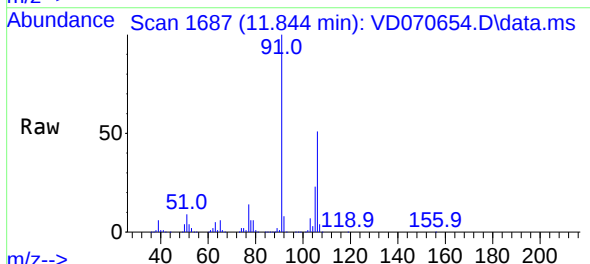
Manual Integrations  
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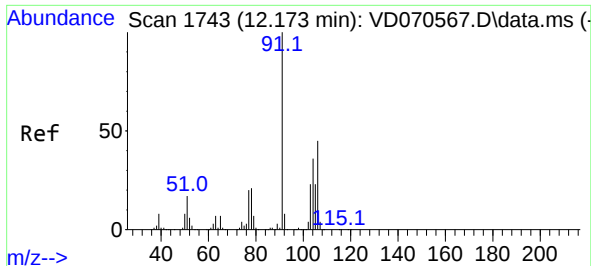
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 42.06 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 106 Resp: 340641  
Ion Ratio Lower Upper  
106 100  
91 199.7 162.7 244.1





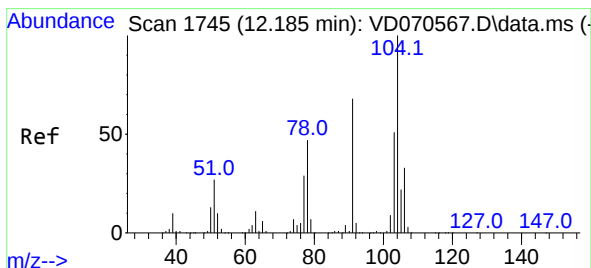
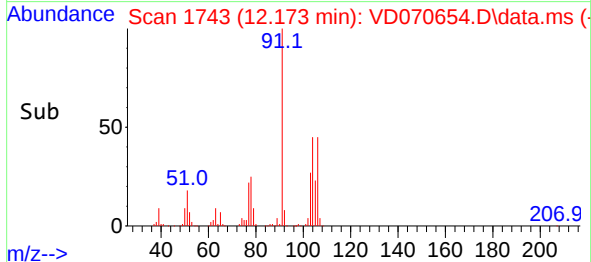
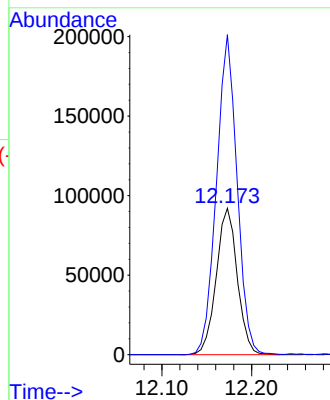
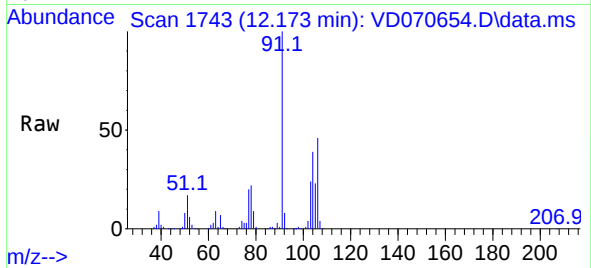
#69  
o-Xylene  
Concen: 20.78 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion:106 Resp: 149733  
Ion Ratio Lower Upper  
106 100  
91 214.4 107.8 323.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

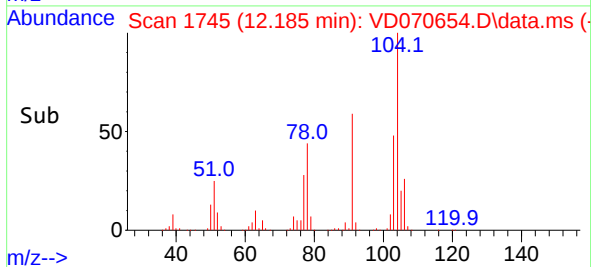
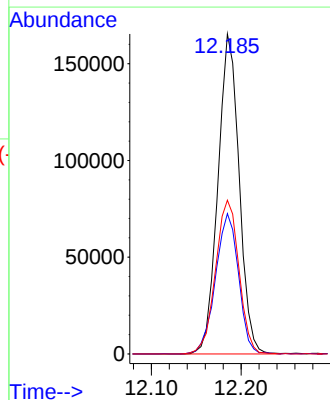
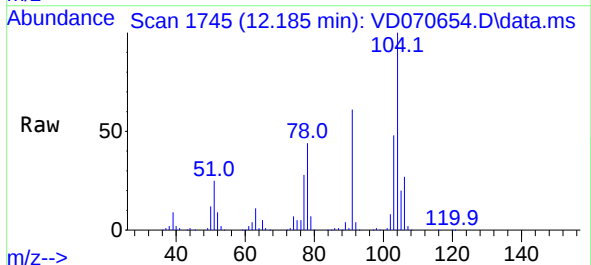
Manual Integrations  
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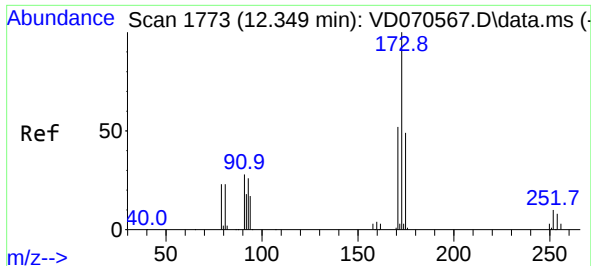
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10/15/2021 1:18:14 AM



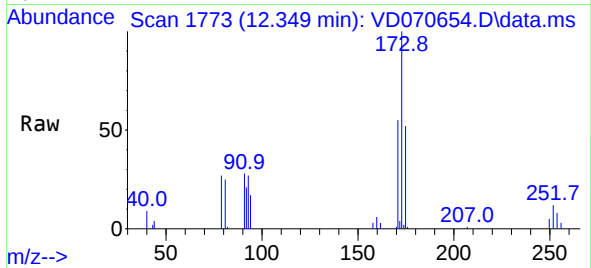
#70  
Styrene  
Concen: 21.40 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion:104 Resp: 271661  
Ion Ratio Lower Upper  
104 100  
78 47.5 39.8 59.6  
103 52.9 43.4 65.2

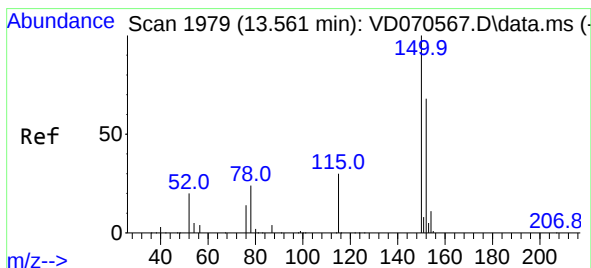
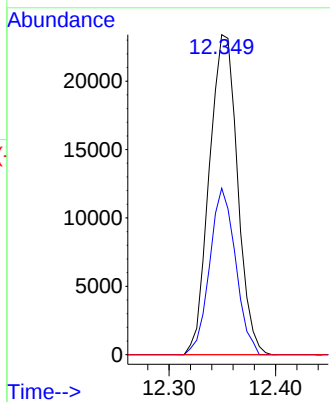
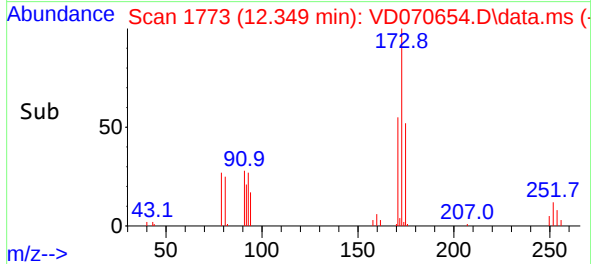




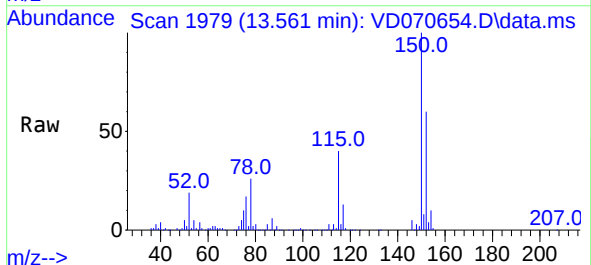
#71  
Bromoform  
Concen: 20.68 ug/l  
RT: 12.349 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



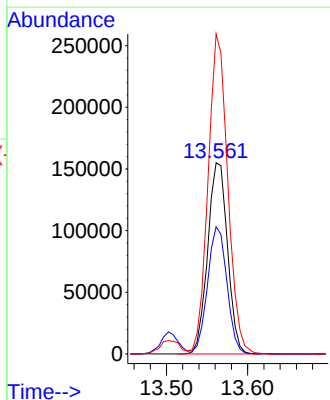
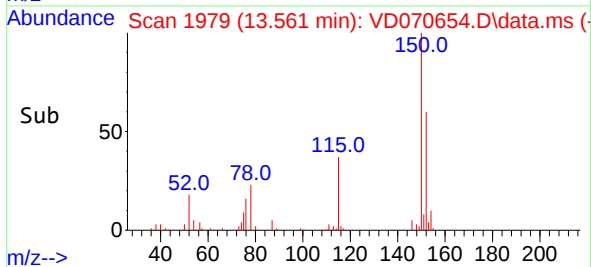
Tgt Ion:173 Resp: 43048  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.4 73.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



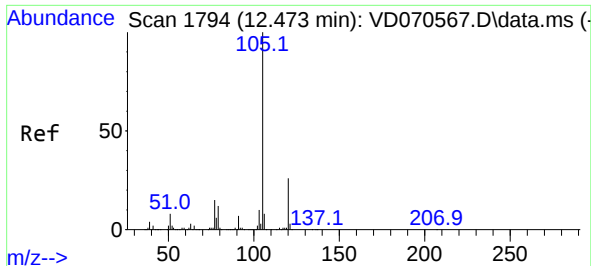
Tgt Ion:152 Resp: 263158  
Ion Ratio Lower Upper  
152 100  
115 65.1 31.9 95.7  
150 166.3 0.0 350.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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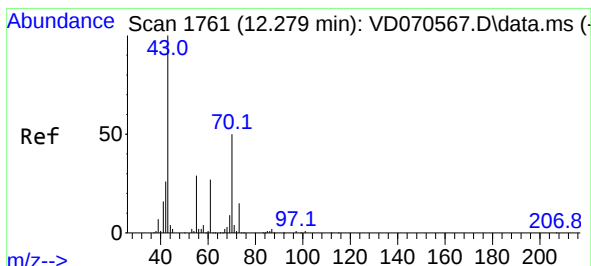
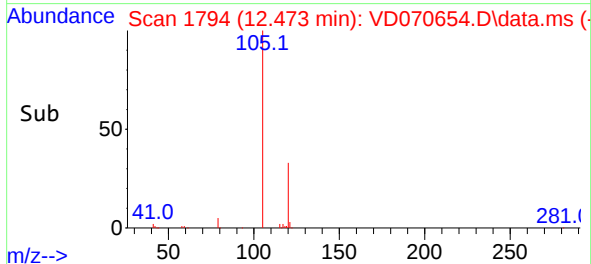
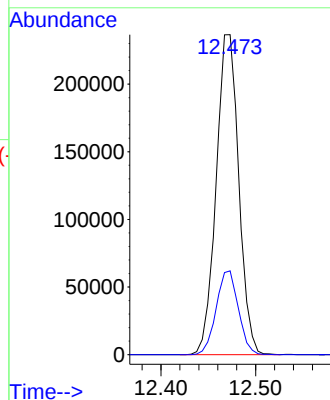
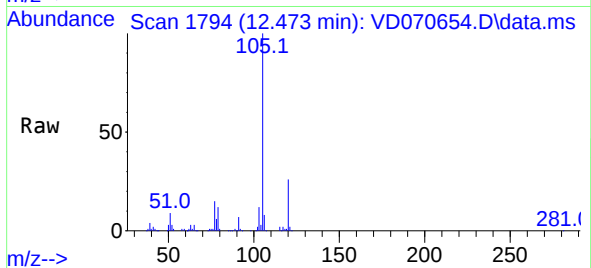
#73  
Isopropylbenzene  
Concen: 20.45 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion:105 Resp: 392432  
Ion Ratio Lower Upper  
105 100  
120 25.7 12.8 38.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

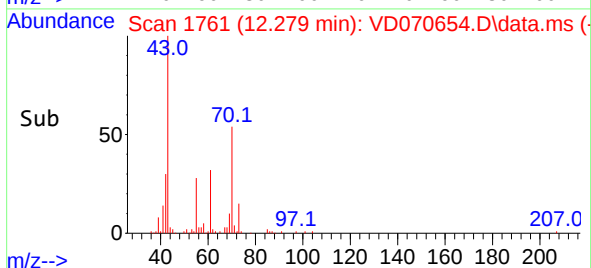
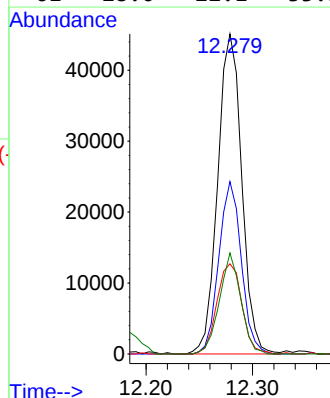
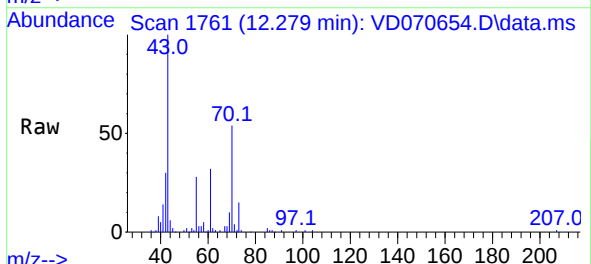
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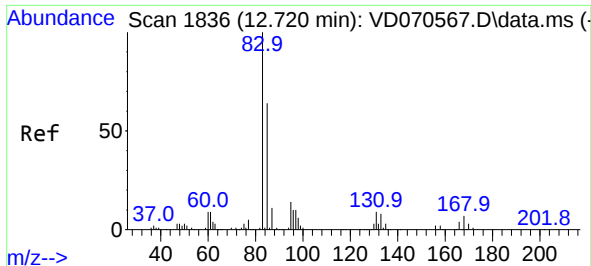
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#74  
N-ethyl acetate  
Concen: 19.57 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 43 Resp: 70748  
Ion Ratio Lower Upper  
43 100  
70 50.3 40.0 60.0  
55 29.2 23.8 35.6  
61 28.0 22.1 33.1





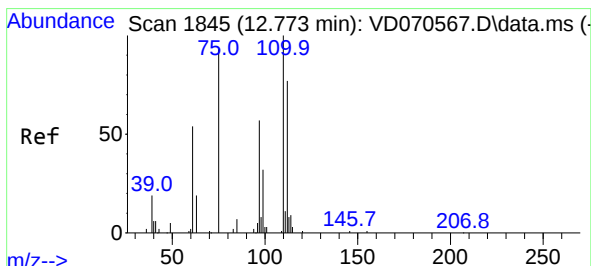
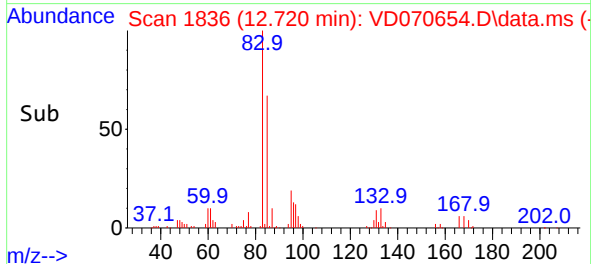
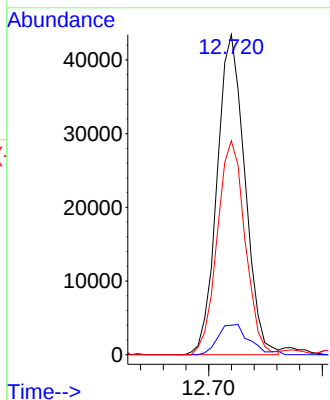
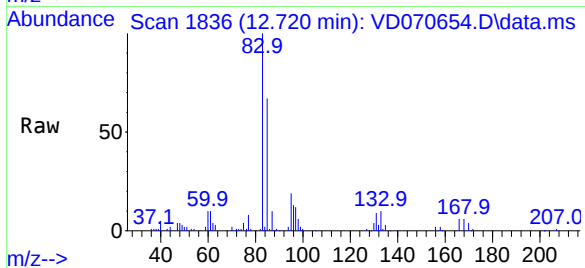
#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.71 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 83 Resp: 73942  
Ion Ratio Lower Upper  
83 100  
131 10.6 4.9 14.7  
85 66.8 31.9 95.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

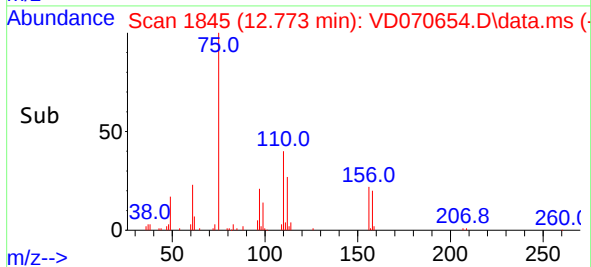
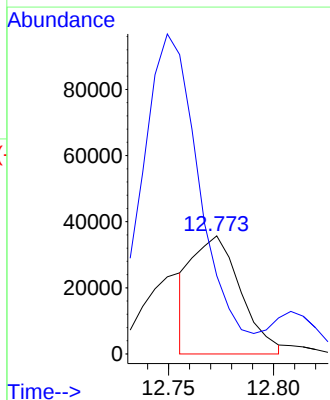
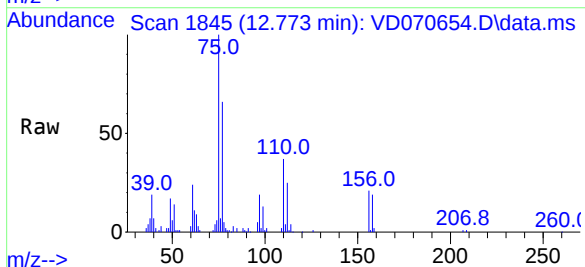
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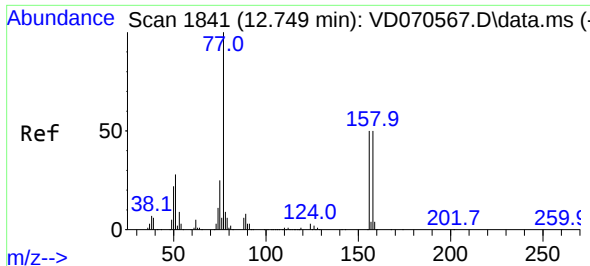
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#76  
1,2,3-Trichloropropane  
Concen: 24.10 ug/l m  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 75 Resp: 57392  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





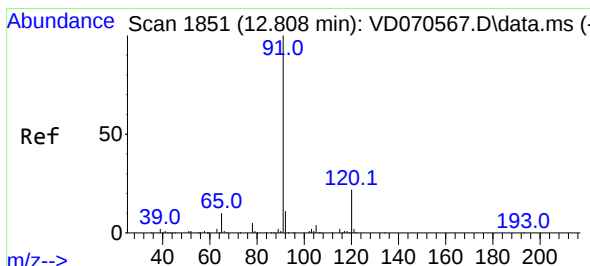
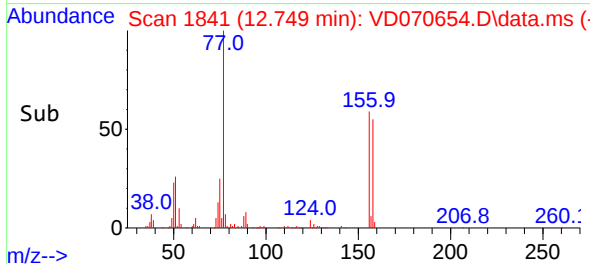
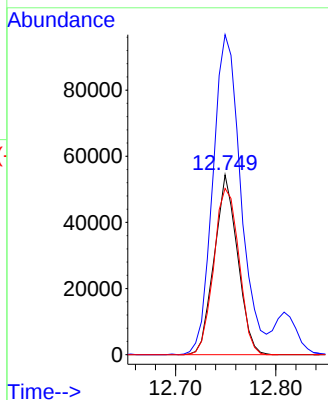
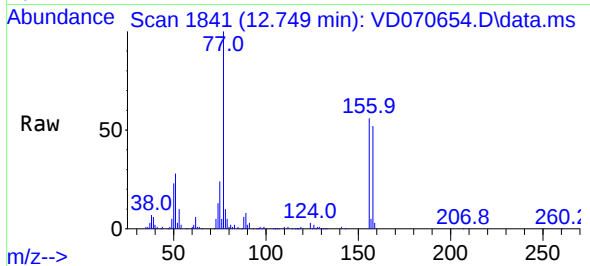
#77  
Bromobenzene  
Concen: 20.46 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion:156 Resp: 87765  
Ion Ratio Lower Upper  
156 100  
77 212.7 105.7 317.1  
158 99.7 48.9 146.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

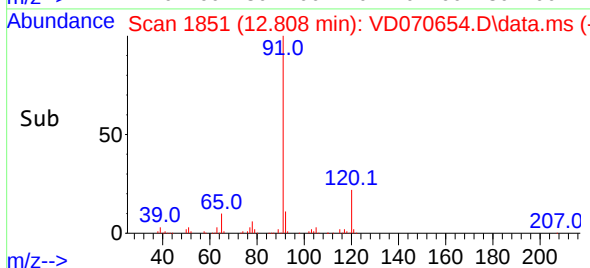
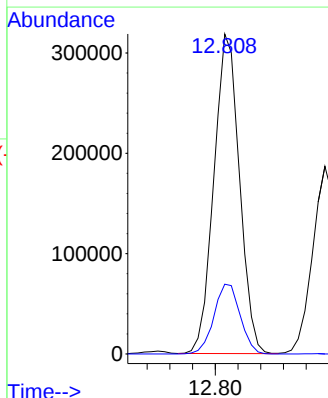
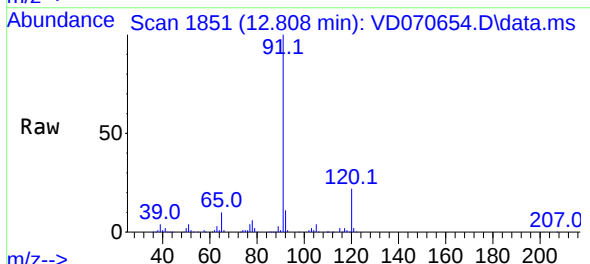
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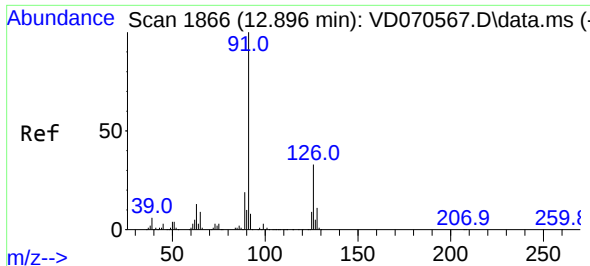
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#78  
n-propylbenzene  
Concen: 20.50 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 91 Resp: 497631  
Ion Ratio Lower Upper  
91 100  
120 22.4 10.9 32.6





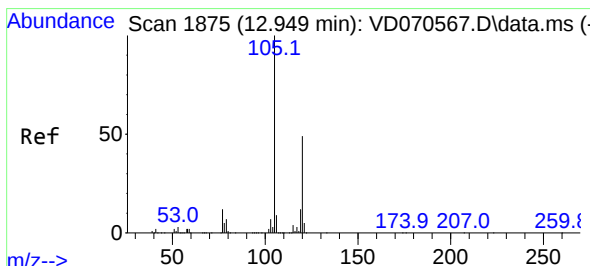
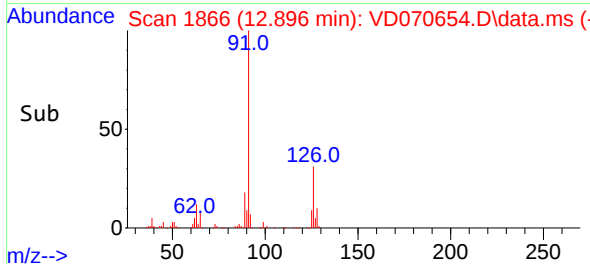
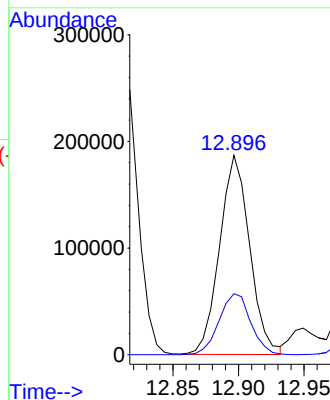
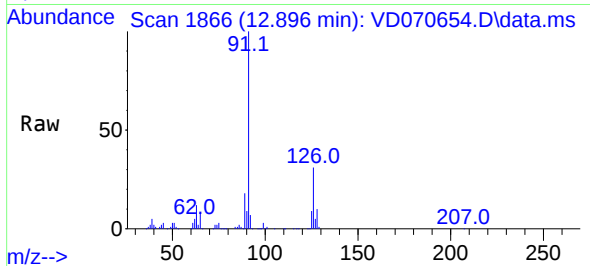
#79  
2-Chlorotoluene  
Concen: 20.93 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 91 Resp: 298084  
Ion Ratio Lower Upper  
91 100  
126 32.1 16.2 48.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

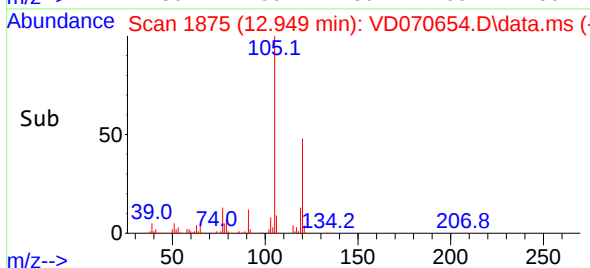
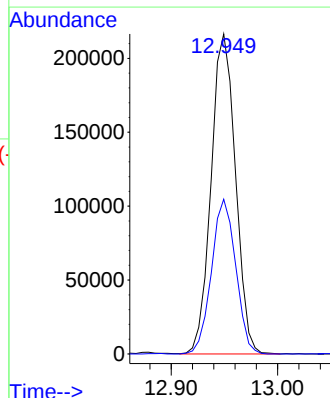
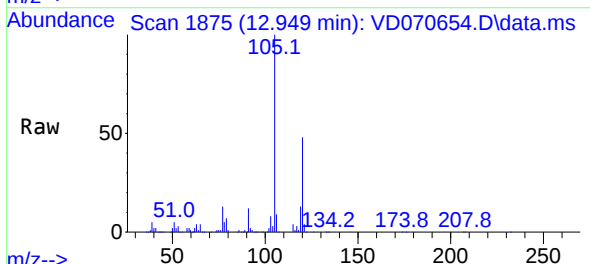
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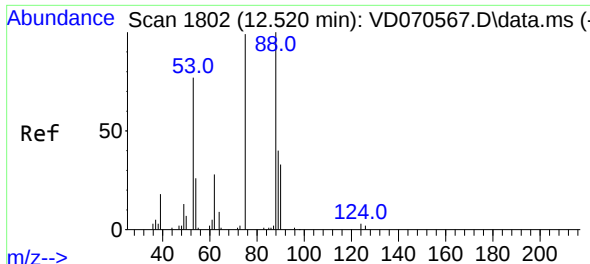
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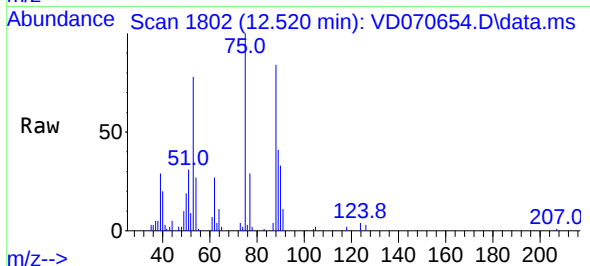
#80  
1,3,5-Trimethylbenzene  
Concen: 21.05 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion: 105 Resp: 344365  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.4 73.2

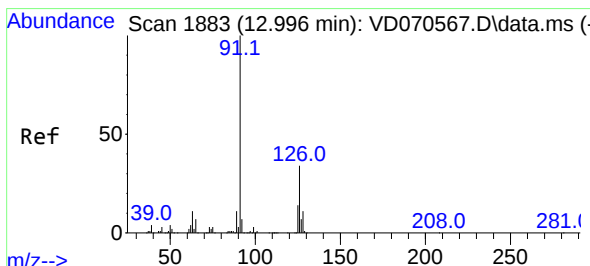
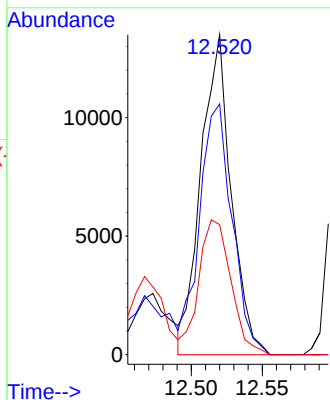
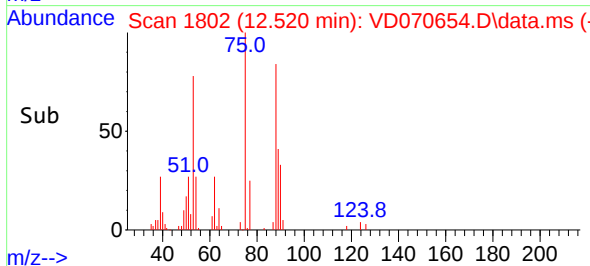




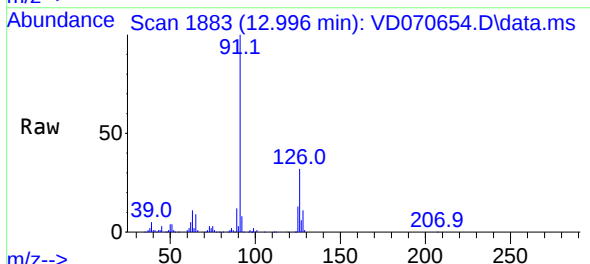
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.63 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



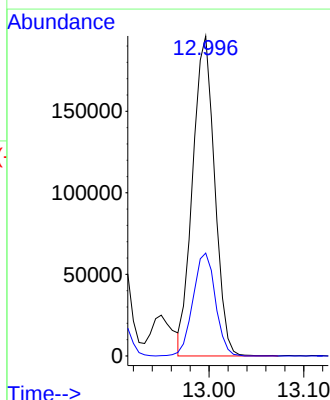
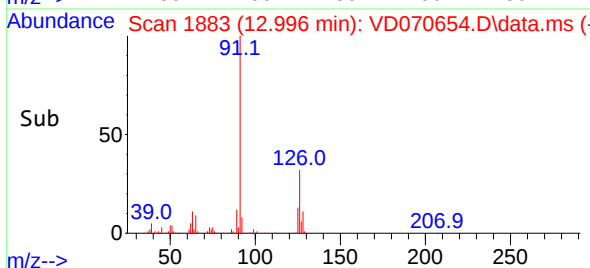
Tgt Ion: 75 Resp: 19991  
Ion Ratio Lower Upper  
75 100  
53 84.5 64.5 96.7  
89 44.9 35.3 52.9



#82  
4-Chlorotoluene  
Concen: 21.21 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



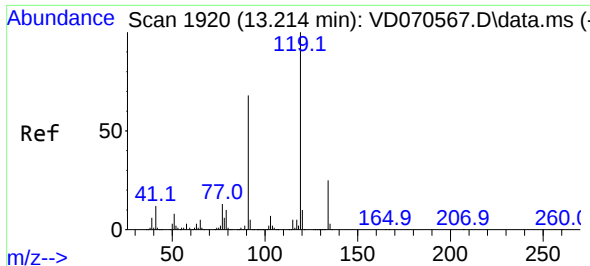
Tgt Ion: 91 Resp: 315845  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.2 48.6



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

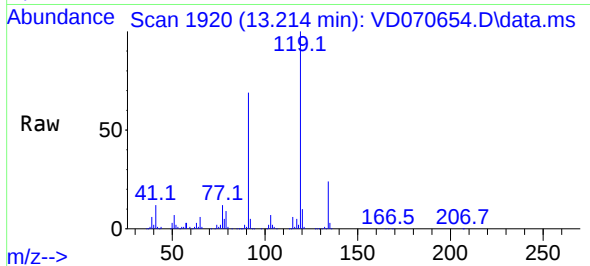
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#83  
tert-Butylbenzene  
Concen: 20.10 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

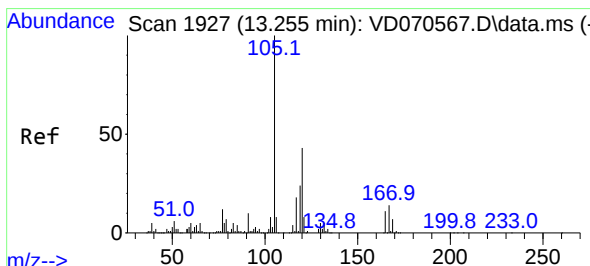
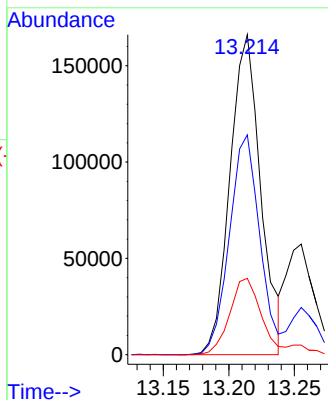
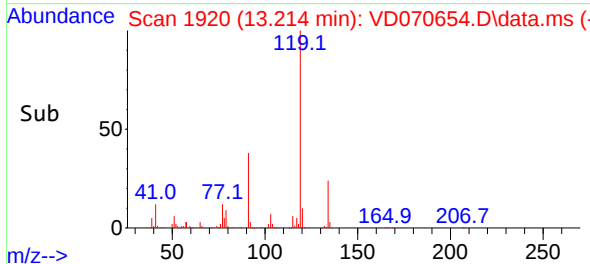
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01



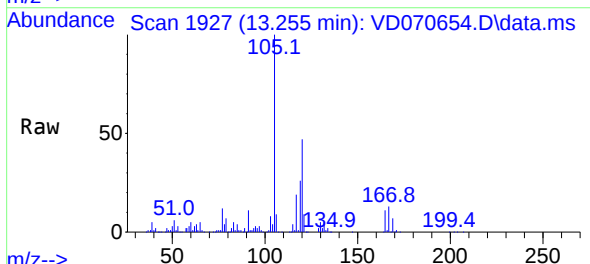
Tgt Ion:119 Resp: 271828  
Ion Ratio Lower Upper  
119 100  
91 67.5 33.1 99.3  
134 24.4 13.2 39.5

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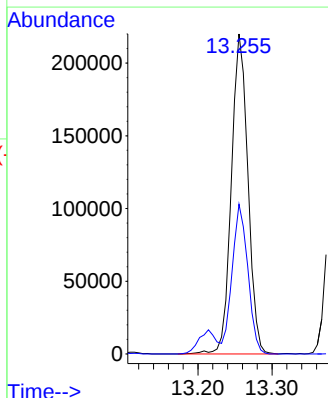
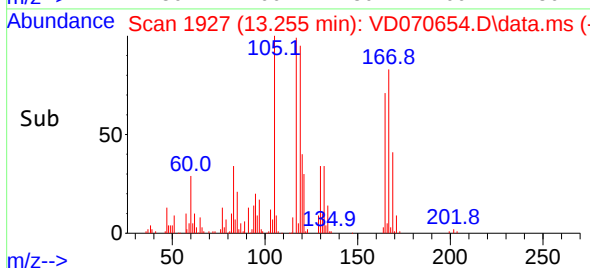
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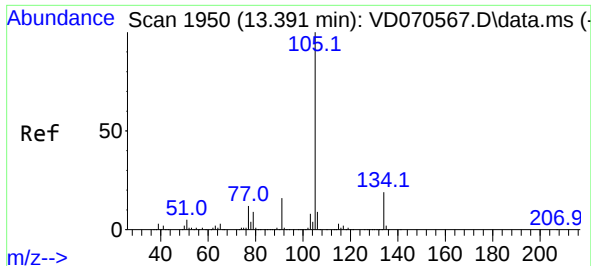


#84  
1,2,4-Trimethylbenzene  
Concen: 20.93 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



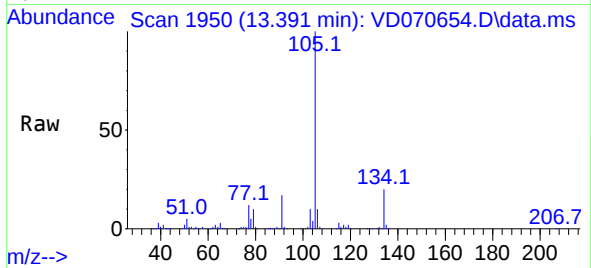
Tgt Ion:105 Resp: 340751  
Ion Ratio Lower Upper  
105 100  
120 44.3 21.9 65.8





#85  
sec-Butylbenzene  
Concen: 19.98 ug/l  
RT: 13.391 min Scan# 1950  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

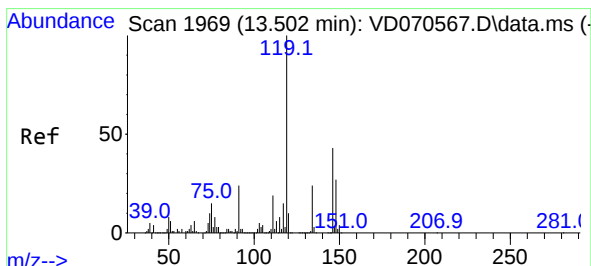
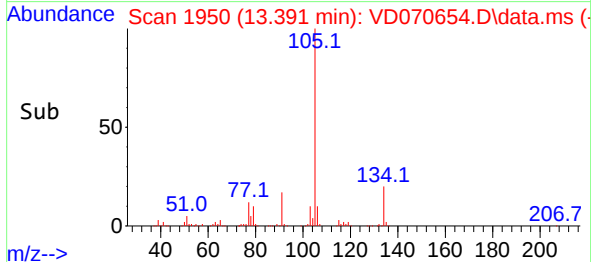
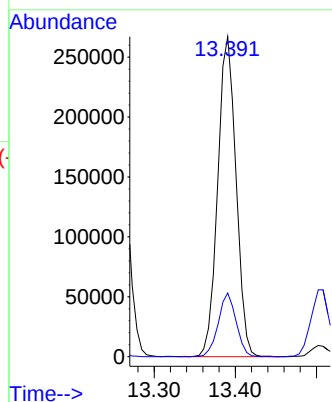
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01



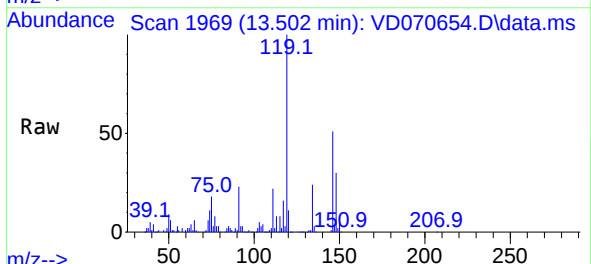
Tgt Ion:105 Resp: 418942  
Ion Ratio Lower Upper  
105 100  
134 19.4 9.3 28.0

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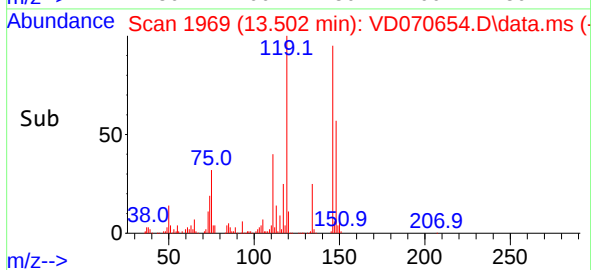
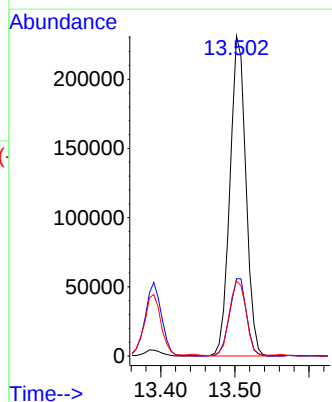
MMDadoda  
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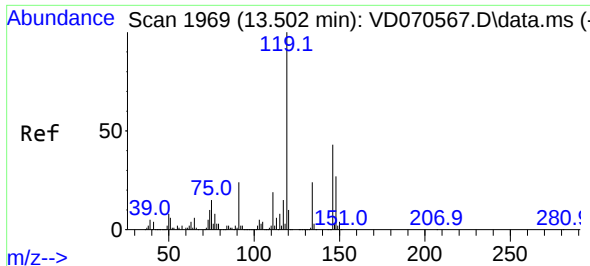


#86  
p-Isopropyltoluene  
Concen: 20.17 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



Tgt Ion:119 Resp: 345341  
Ion Ratio Lower Upper  
119 100  
134 25.4 12.5 37.5  
91 24.4 11.9 35.5





#87  
1,3-Dichlorobenzene  
Concen: 20.93 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

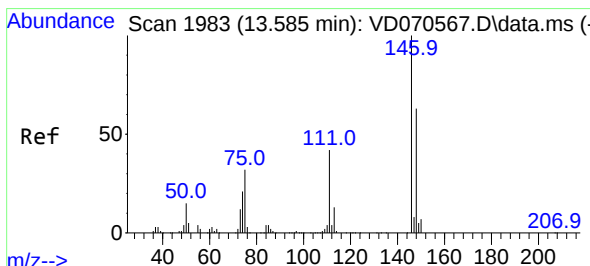
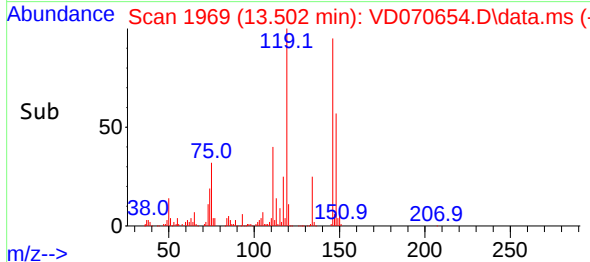
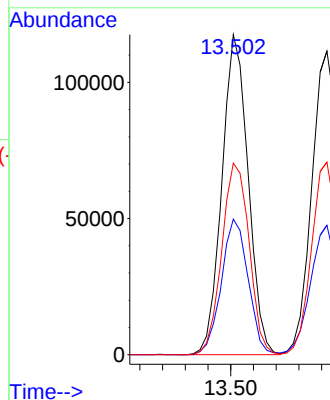
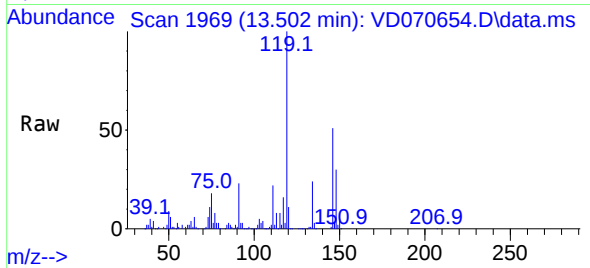
Tgt Ion:146 Resp: 188495  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 43.3  | 21.4  | 64.2  |
| 148 | 62.4  | 31.8  | 95.3  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

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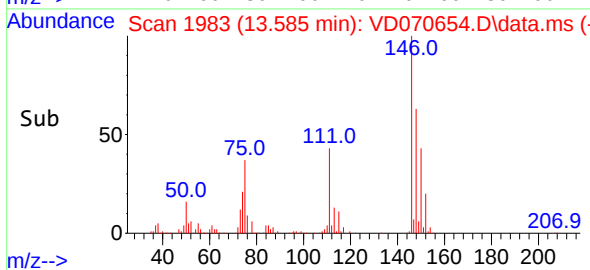
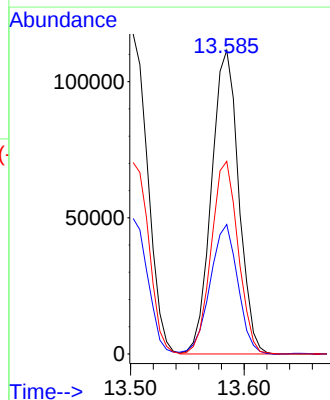
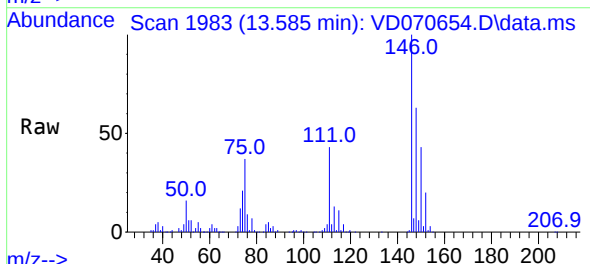
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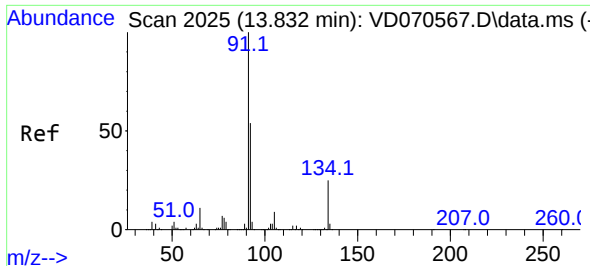


#88  
1,4-Dichlorobenzene  
Concen: 20.76 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion:146 Resp: 185373  

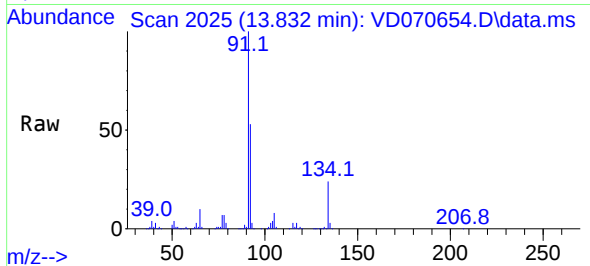
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 43.4  | 21.1  | 63.4  |
| 148 | 62.8  | 31.6  | 94.8  |





#89  
n-Butylbenzene  
Concen: 19.67 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

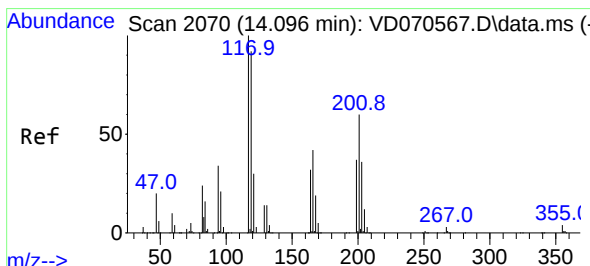
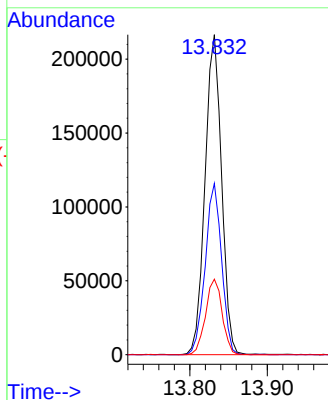
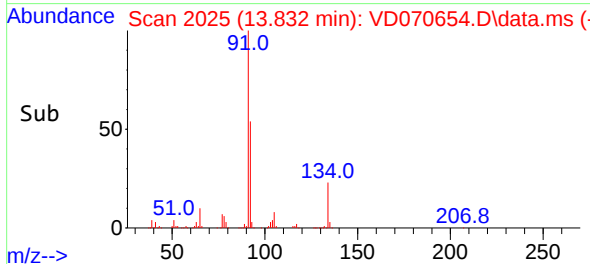
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01



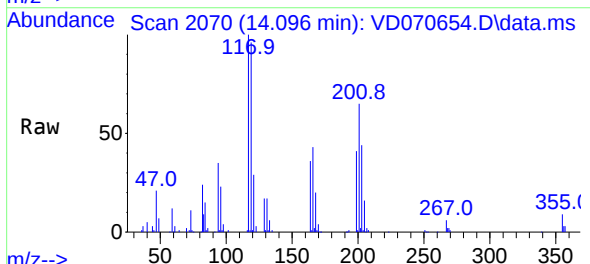
Tgt Ion: 91 Resp: 321600  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.8 80.4  
134 23.7 12.2 36.4

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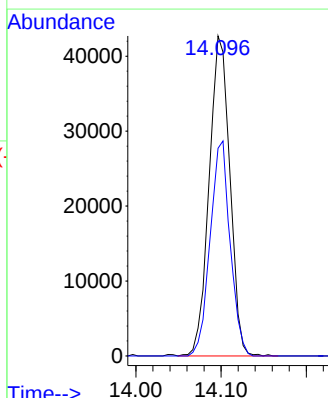
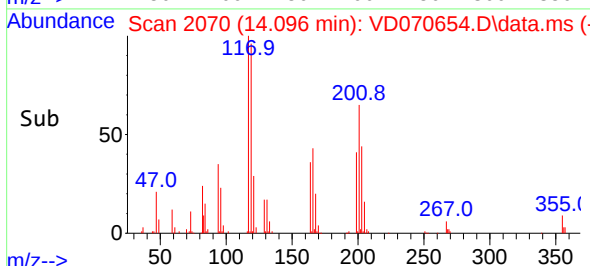
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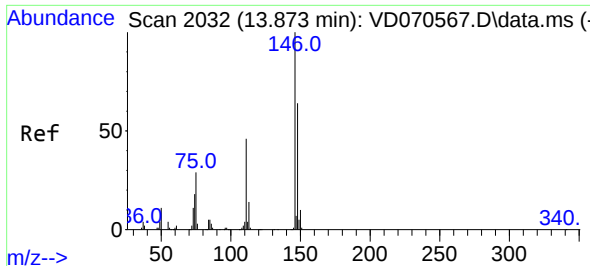


#90  
Hexachloroethane  
Concen: 19.48 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



Tgt Ion: 117 Resp: 72100  
Ion Ratio Lower Upper  
117 100  
201 64.8 31.9 95.9





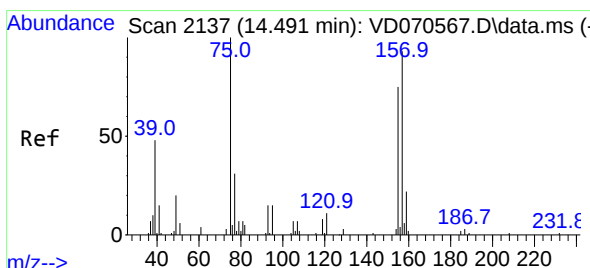
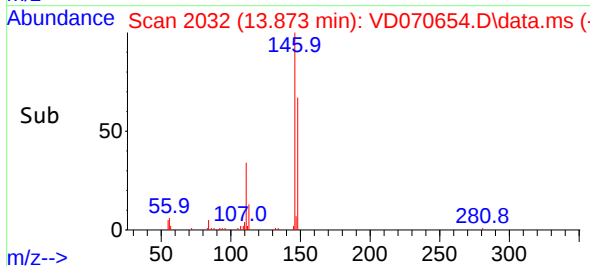
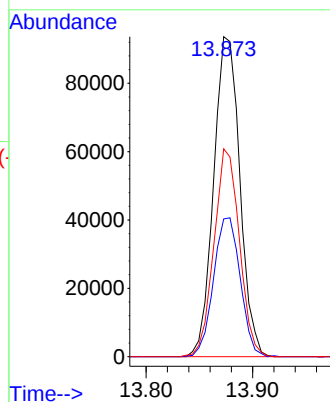
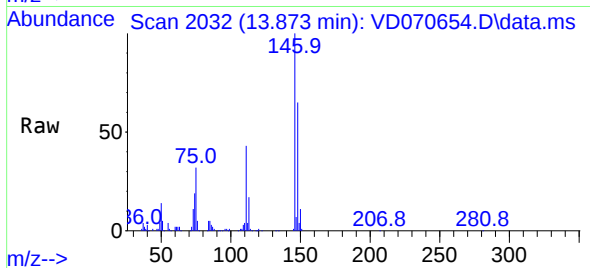
#91  
1,2-Dichlorobenzene  
Concen: 20.82 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion:146 Resp: 159926  
Ion Ratio Lower Upper  
146 100  
111 44.3 22.8 68.4  
148 63.1 32.4 97.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

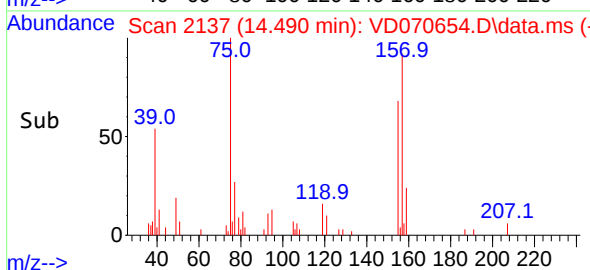
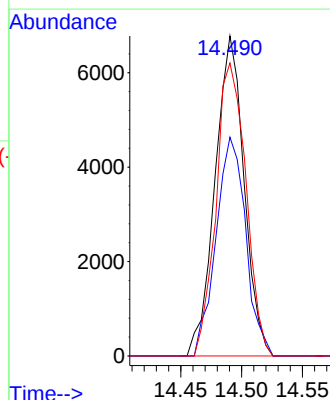
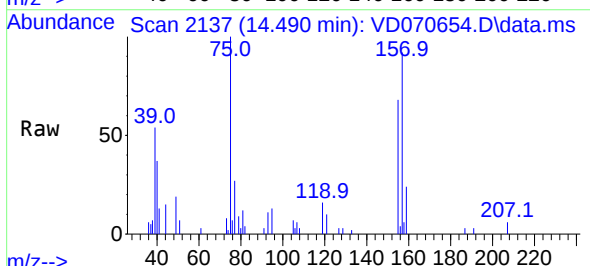
Manual Integrations  
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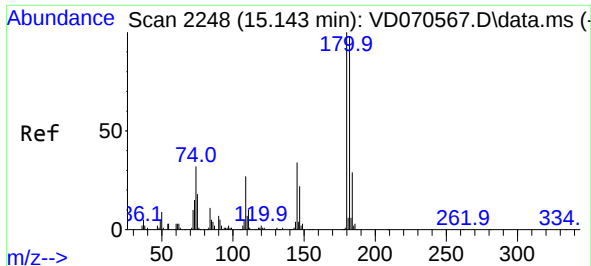
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.76 ug/l  
RT: 14.490 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

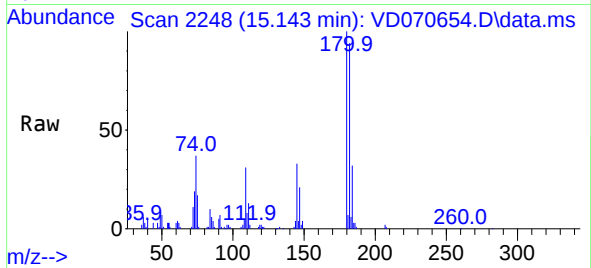
Tgt Ion: 75 Resp: 11243  
Ion Ratio Lower Upper  
75 100  
155 69.9 38.1 114.5  
157 94.0 47.6 142.9





#93  
1,2,4-Trichlorobenzene  
Concen: 20.43 ug/l  
RT: 15.143 min Scan# 2248  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

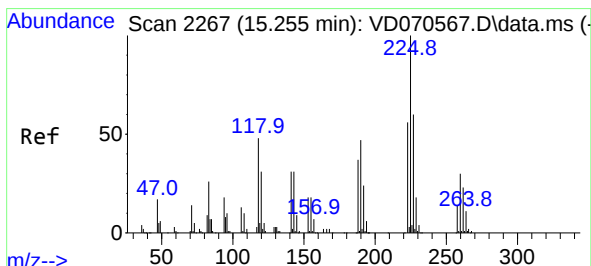
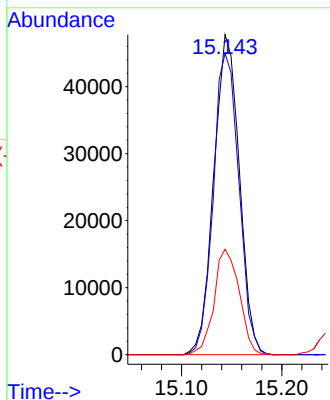
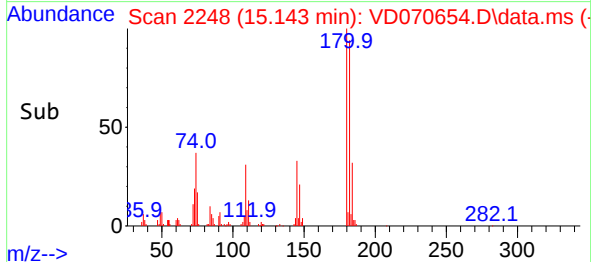
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01



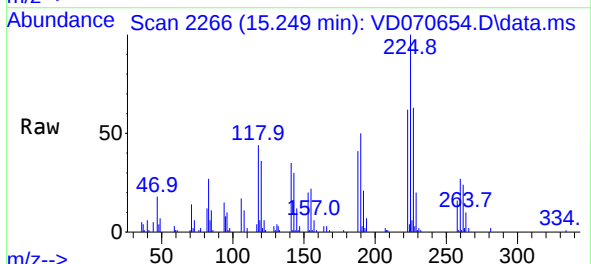
Tgt Ion:180 Resp: 84455  
Ion Ratio Lower Upper  
180 100  
182 94.3 47.5 142.5  
145 32.6 16.9 50.7

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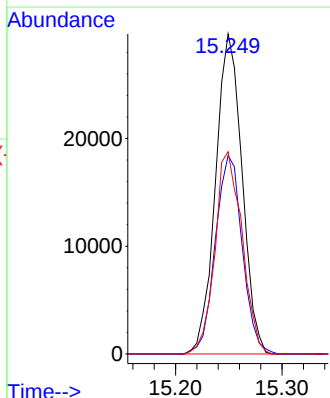
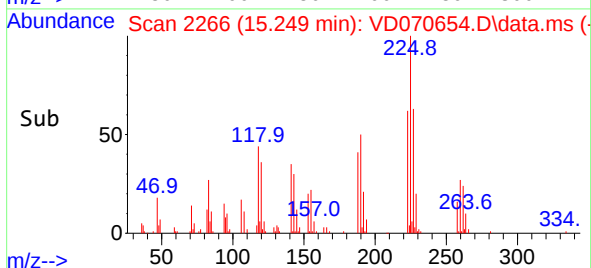
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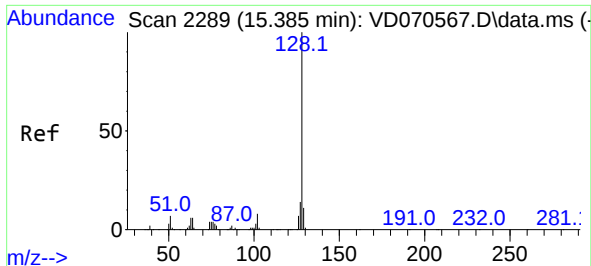


#94  
Hexachlorobutadiene  
Concen: 19.63 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23



Tgt Ion:225 Resp: 51286  
Ion Ratio Lower Upper  
225 100  
223 63.1 31.2 93.6  
227 64.7 32.2 96.6





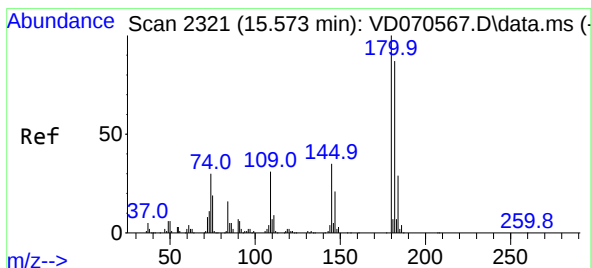
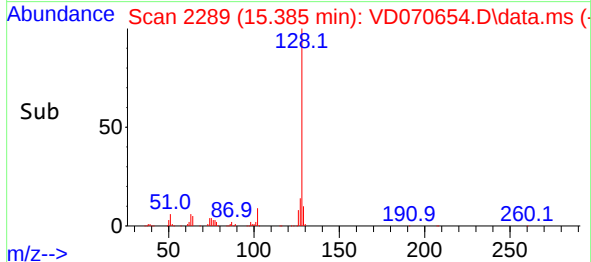
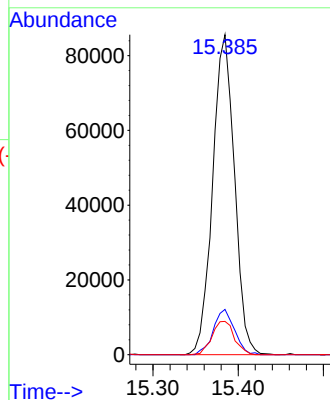
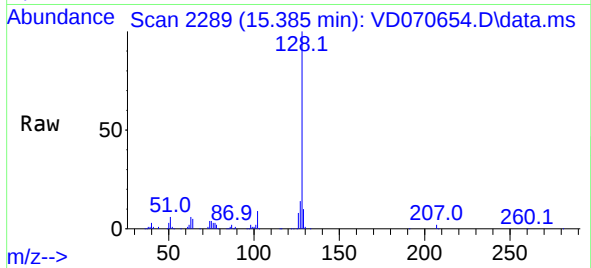
#95  
Naphthalene  
Concen: 19.82 ug/l  
RT: 15.385 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion:128 Resp: 152188  
Ion Ratio Lower Upper  
128 100  
127 13.7 10.9 16.3  
129 10.7 8.6 12.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1011SBS01

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 20.26 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. 0.006 min  
Lab File: VD070654.D  
Acq: 11 Oct 2021 12:23

Tgt Ion:180 Resp: 73798  
Ion Ratio Lower Upper  
180 100  
182 93.6 46.2 138.5  
145 36.9 17.1 51.3

