

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD070621\  
 Data File : VD069580.D  
 Acq On : 06 Jul 2021 13:54  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 7/7/2021 6:28:35 PM

Quant Time: Jul 07 04:51:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 22 04:33:24 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|------------------------------|----------------|------|------------|----------|-------|----------|
| -----                        |                |      |            |          |       |          |
| Internal Standards           |                |      |            |          |       |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 671004     | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861          | 114  | 1172346    | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.638         | 117  | 1081741    | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567         | 152  | 493107     | 50.000   | ug/l  | 0.00     |
|                              |                |      |            |          |       |          |
| System Monitoring Compounds  |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 388623     | 46.464   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 92.920%  |       |          |
| 35) Dibromofluoromethane     | 7.914          | 113  | 371016     | 46.817   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 93.640%  |       |          |
| 50) Toluene-d8               | 10.338         | 98   | 1456042    | 48.983   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 97.960%  |       |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 502109     | 51.380   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 102.760% |       |          |
|                              |                |      |            |          |       |          |
| Target Compounds             |                |      |            |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.985          | 85   | 286416     | 44.501   | ug/l  | 98       |
| 3) Chloromethane             | 2.209          | 50   | 389610     | 41.385   | ug/l  | 100      |
| 4) Vinyl Chloride            | 2.350          | 62   | 454020     | 43.263   | ug/l  | 99       |
| 5) Bromomethane              | 2.767          | 94   | 278442     | 44.059   | ug/l  | 99       |
| 6) Chloroethane              | 2.920          | 64   | 295101     | 42.214   | ug/l  | 98       |
| 7) Trichlorofluoromethane    | 3.267          | 101  | 606950     | 48.700   | ug/l  | 99       |
| 8) Diethyl Ether             | 3.709          | 74   | 179436     | 54.428   | ug/l  | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 4.091          | 101  | 376848     | 49.437   | ug/l  | 96       |
| 10) Methyl Iodide            | 4.297          | 142  | 337193     | 48.151   | ug/l  | 100      |
| 11) Tert butyl alcohol       | 5.214          | 59   | 187373     | 467.151  | ug/l  | 98       |
| 12) 1,1-Dichloroethene       | 4.067          | 96   | 348286     | 52.563   | ug/l  | 97       |
| 13) Acrolein                 | 3.920          | 56   | 113521     | 243.851  | ug/l  | 99       |
| 14) Allyl chloride           | 4.714          | 41   | 566588     | 60.994   | ug/l  | 91       |
| 15) Acrylonitrile            | 5.420          | 53   | 395507     | 285.789  | ug/l  | 99       |
| 16) Acetone                  | 4.156          | 43   | 360207     | 255.868  | ug/l  | 97       |
| 17) Carbon Disulfide         | 4.409          | 76   | 1058715    | 48.530   | ug/l  | 99       |
| 18) Methyl Acetate           | 4.714          | 43   | 199388     | 57.462   | ug/l  | 98       |
| 19) Methyl tert-butyl Ether  | 5.473          | 73   | 735804     | 56.504   | ug/l  | 100      |
| 20) Methylene Chloride       | 4.961          | 84   | 437838     | 48.689   | ug/l  | 96       |
| 21) trans-1,2-Dichloroethene | 5.473          | 96   | 403575     | 50.483   | ug/l  | 98       |
| 22) Diisopropyl ether        | 6.367          | 45   | 1130893    | 60.416   | ug/l  | 93       |
| 23) Vinyl Acetate            | 6.303          | 43   | 3257203    | 271.819  | ug/l  | 97       |
| 24) 1,1-Dichloroethane       | 6.261          | 63   | 767380     | 51.758   | ug/l  | 99       |
| 25) 2-Butanone               | 7.208          | 43   | 510126     | 285.160  | ug/l  | 94       |
| 26) 2,2-Dichloropropane      | 7.208          | 77   | 651765     | 53.772   | ug/l  | 99       |
| 27) cis-1,2-Dichloroethene   | 7.208          | 96   | 453690     | 52.230   | ug/l  | 95       |
| 28) Bromochloromethane       | 7.544          | 49   | 318535     | 54.854   | ug/l  | 94       |
| 29) Tetrahydrofuran          | 7.561          | 42   | 294385     | 300.159  | ug/l  | 98       |
| 30) Chloroform               | 7.708          | 83   | 773301     | 49.340   | ug/l  | 96       |
| 31) Cyclohexane              | 7.985          | 56   | 584296     | 51.885   | ug/l  | 95       |
| 32) 1,1,1-Trichloroethane    | 7.902          | 97   | 655384     | 50.744   | ug/l  | 97       |
| 36) 1,1-Dichloropropene      | 8.108          | 75   | 600902     | 52.226   | ug/l  | 99       |
| 37) Ethyl Acetate            | 7.291          | 43   | 235699     | 55.203   | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 555236     | 48.759   | ug/l  | 98       |
| 39) Methylcyclohexane        | 9.355          | 83   | 618435     | 54.488   | ug/l  | 97       |
| 40) Benzene                  | 8.350          | 78   | 1712907    | 51.640   | ug/l  | 99       |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 7/7/2021 6:28:35 PM

Quant Time: Jul 07 04:51:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 22 04:33:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 121676   | 48.970   | ug/l # | 92       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 462397   | 47.982   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.450  | 43   | 440927   | 56.845   | ug/l   | 97       |
| 44) Trichloroethene           | 9.114  | 130  | 411366   | 49.147   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 448852   | 52.714   | ug/l   | 96       |
| 46) Dibromomethane            | 9.473  | 93   | 219152   | 49.143   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.661  | 83   | 580119   | 48.444   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.455  | 41   | 211905   | 57.508   | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 46624    | 1061.343 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 1181388  | 289.627  | ug/l   | 99       |
| 52) Toluene                   | 10.402 | 92   | 1063405  | 51.955   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 539278   | 52.086   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 651762   | 52.348   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 307860   | 48.887   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 384894   | 51.887   | ug/l # | 95       |
| 57) 1,3-Dichloropropane       | 10.944 | 76   | 550135   | 51.704   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 1041945  | 268.162  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.979 | 43   | 792895   | 288.056  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.138 | 129  | 361536   | 48.710   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.243 | 107  | 283449   | 48.817   | ug/l   | 95       |
| 64) Tetrachloroethene         | 10.873 | 164  | 320178   | 47.132   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.667 | 112  | 1080887  | 50.239   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 387637   | 49.558   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.738 | 91   | 2005128  | 53.352   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.849 | 106  | 1510918  | 106.771  | ug/l   | 99       |
| 69) o-Xylene                  | 12.179 | 106  | 686735   | 54.137   | ug/l   | 98       |
| 70) Styrene                   | 12.191 | 104  | 1219068  | 54.560   | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 192956   | 48.678   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.473 | 105  | 1885557  | 55.499   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.285 | 43   | 408175   | 59.174   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 356077   | 52.180   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 257272m  | 53.150   | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 396083   | 51.340   | ug/l   | 93       |
| 78) n-propylbenzene           | 12.814 | 91   | 2375898  | 55.717   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 1326308  | 54.443   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 1591314  | 55.657   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 110009   | 56.746   | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 1403183  | 53.723   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 1333230  | 51.984   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 1583749  | 55.721   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 1963193  | 55.072   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 1691945  | 56.386   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 801721   | 50.740   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 783824   | 49.793   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.832 | 91   | 1673526  | 55.909   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.102 | 117  | 295509   | 50.381   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 697397   | 51.021   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 53033    | 51.219   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 411595   | 53.980   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 241693   | 50.519   | ug/l   | 100      |
| 95) Naphthalene               | 15.390 | 128  | 787054   | 51.153   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.584 | 180  | 362131   | 53.881   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD070621\  
Data File : VD069580.D  
Acq On : 06 Jul 2021 13:54  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

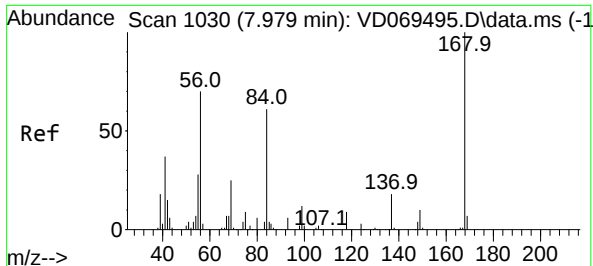
MMDadoda  
7/7/2021 6:28:35 PM

Quant Time: Jul 07 04:51:36 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062121S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 22 04:33:24 2021  
Response via : Initial Calibration

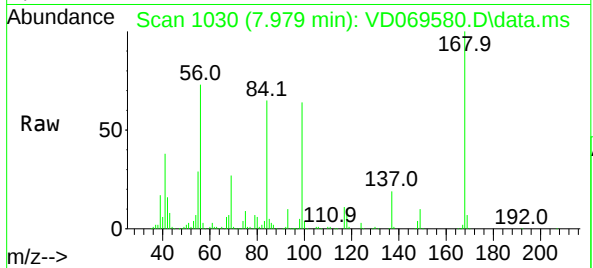
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

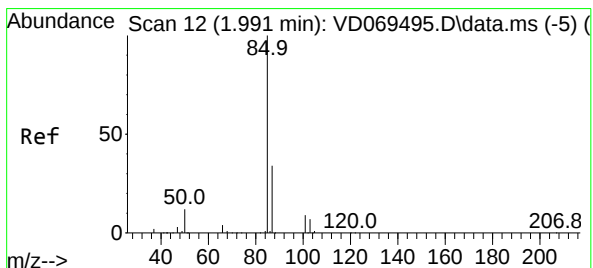
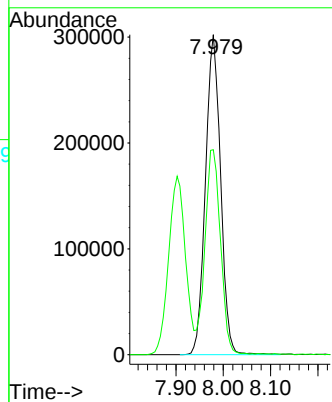
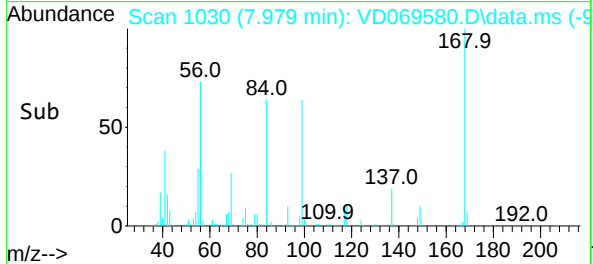




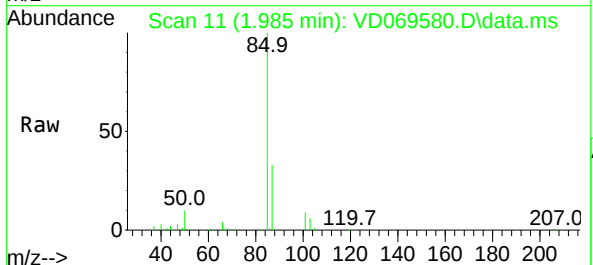
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



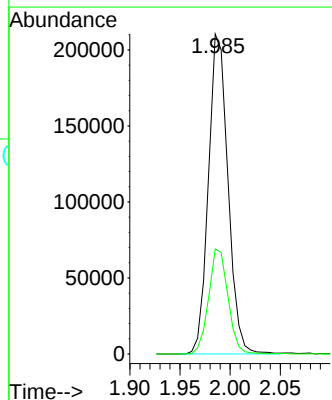
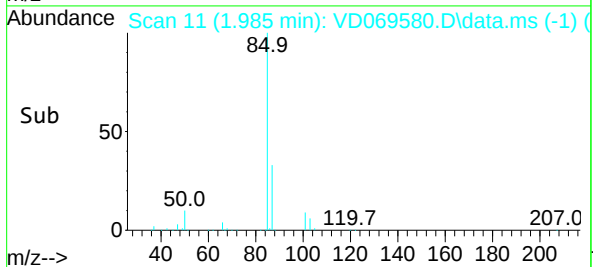
Tgt Ion: 168 Resp: 671004  
Ion Ratio Lower Upper  
168 100  
99 63.9 49.3 73.9



#2  
Dichlorodifluoromethane  
Concen: 44.501 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



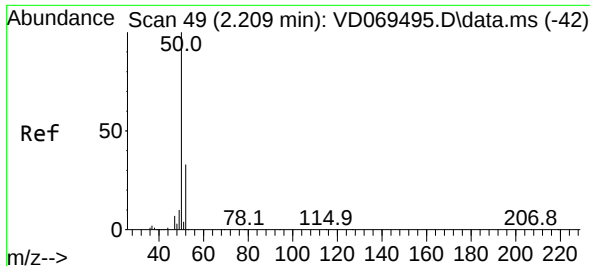
Tgt Ion: 85 Resp: 286416  
Ion Ratio Lower Upper  
85 100  
87 32.8 17.1 51.2



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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MMDadoda  
7/7/2021 6:28:35 PM



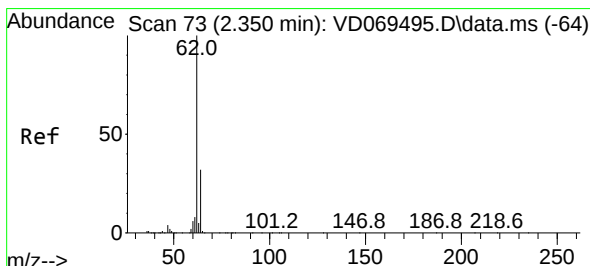
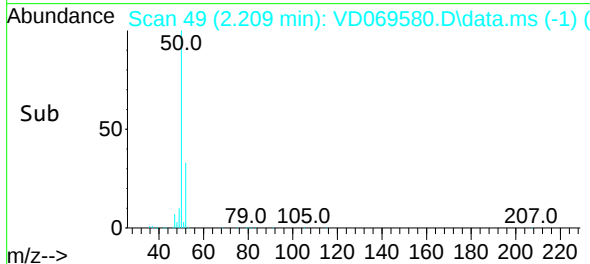
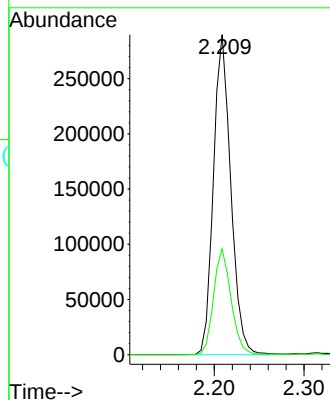
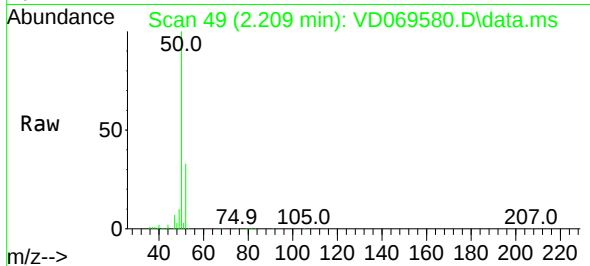
#3  
Chloromethane  
Concen: 41.385 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 50 Resp: 389610  
Ion Ratio Lower Upper  
50 100  
52 33.1 26.3 39.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

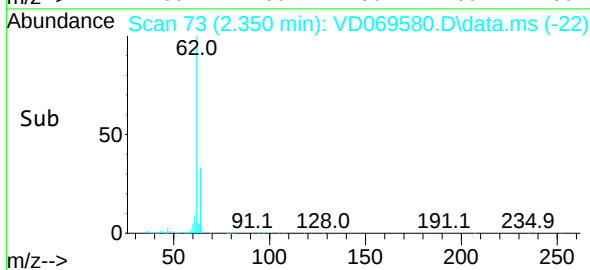
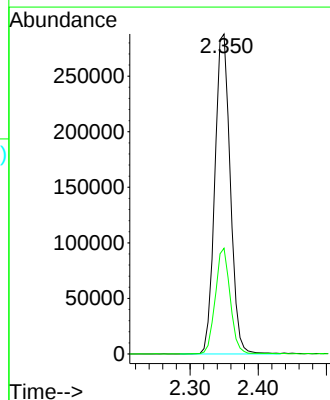
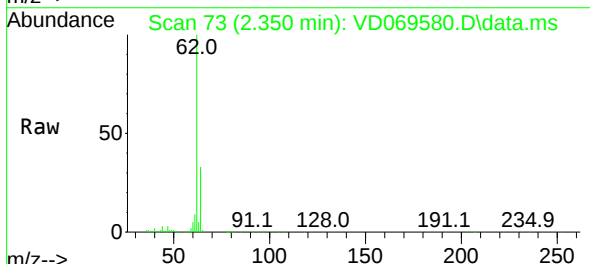
Manual Integrations  
APPROVED

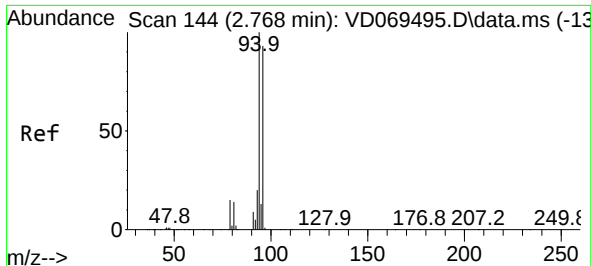
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7/7/2021 6:28:35 PM



#4  
Vinyl Chloride  
Concen: 43.263 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

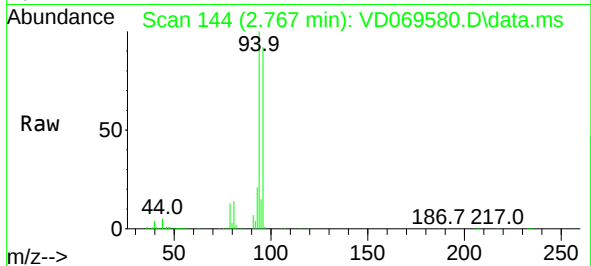
Tgt Ion: 62 Resp: 454020  
Ion Ratio Lower Upper  
62 100  
64 33.0 25.8 38.8





#5  
Bromomethane  
Concen: 44.059 ug/l  
RT: 2.767 min Scan# 144  
Delta R.T. -0.001 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

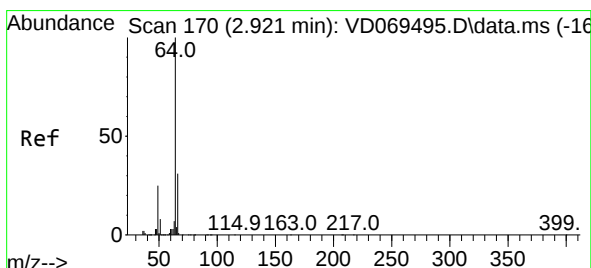
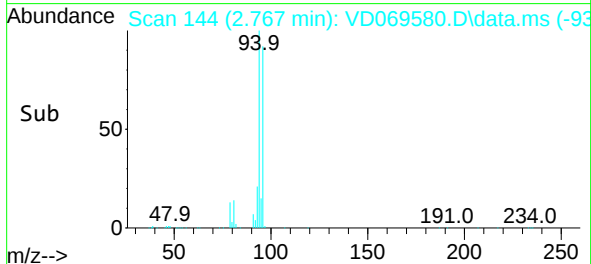
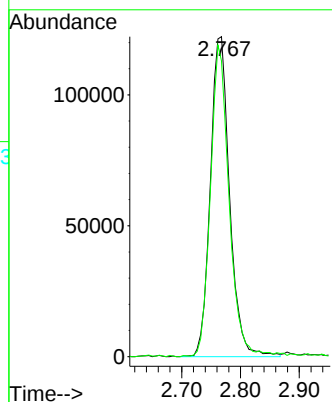
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



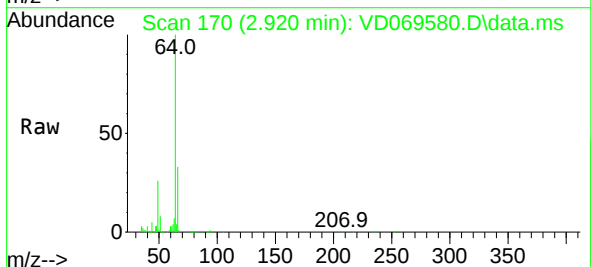
Tgt Ion: 94 Resp: 278442  
Ion Ratio Lower Upper  
94 100  
96 92.5 74.6 111.8

Manual Integrations  
APPROVED

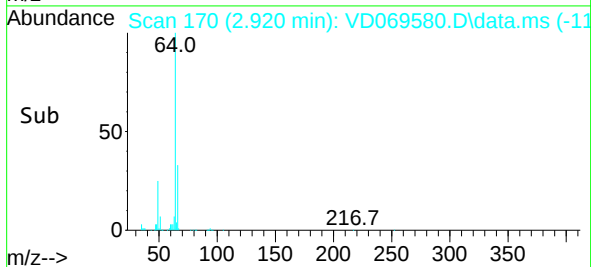
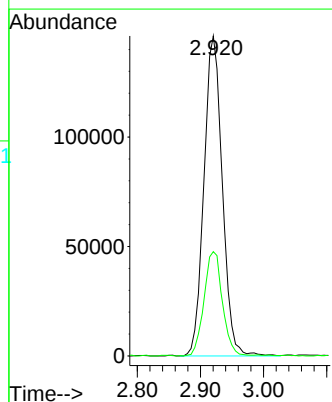
MMDadoda  
7/7/2021 6:28:35 PM

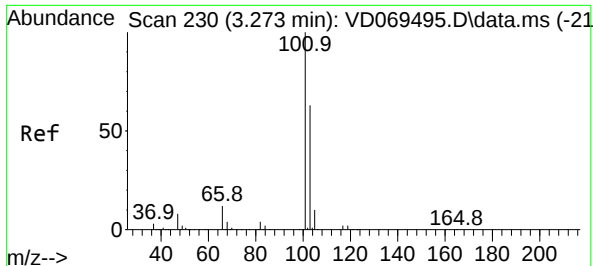


#6  
Chloroethane  
Concen: 42.214 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. -0.001 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



Tgt Ion: 64 Resp: 295101  
Ion Ratio Lower Upper  
64 100  
66 32.5 25.0 37.4





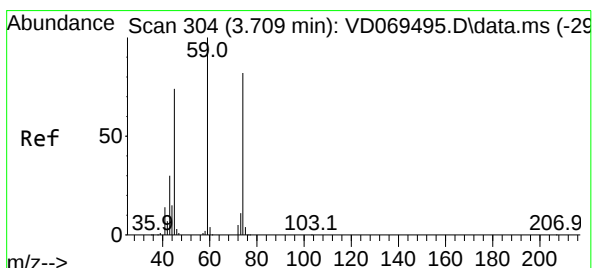
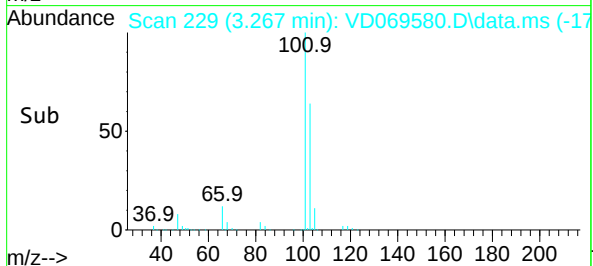
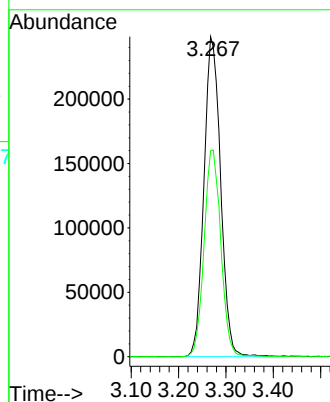
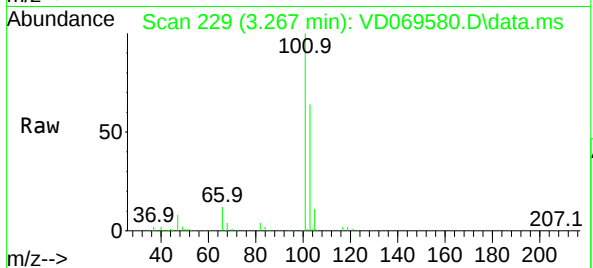
#7  
Trichlorofluoromethane  
Concen: 48.700 ug/l  
RT: 3.267 min Scan# 229  
Delta R.T. -0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion:101 Resp: 606950  
Ion Ratio Lower Upper  
101 100  
103 64.3 50.6 75.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

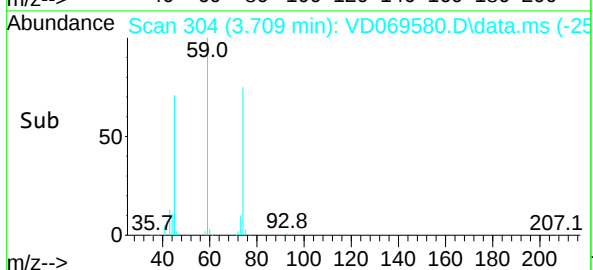
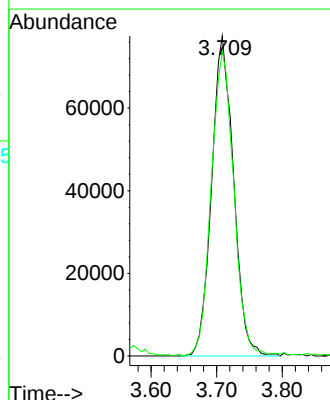
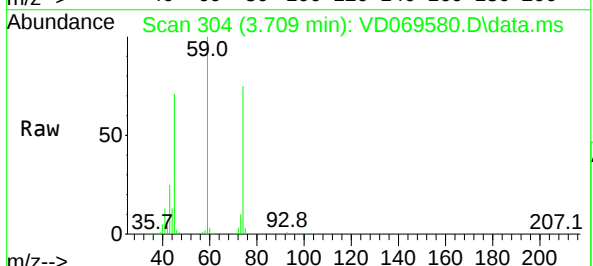
Manual Integrations  
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#8  
Diethyl Ether  
Concen: 54.428 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

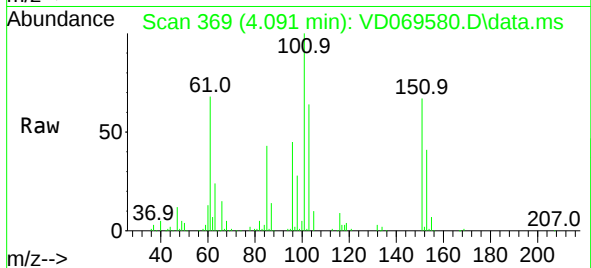
Tgt Ion: 74 Resp: 179436  
Ion Ratio Lower Upper  
74 100  
45 97.8 45.6 136.8





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.437 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. -0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

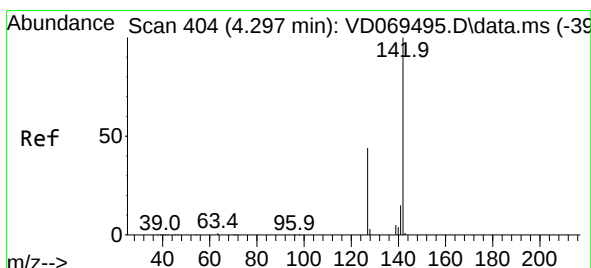
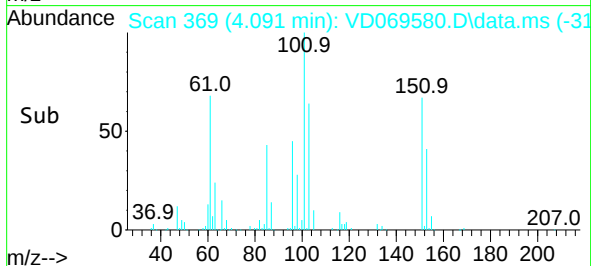
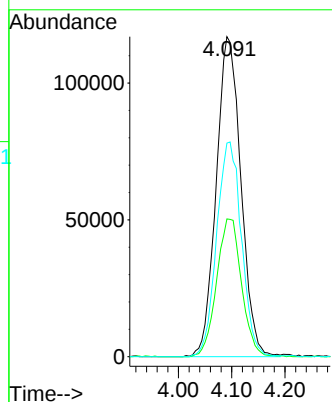
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



Tgt Ion:101 Resp: 376848  
Ion Ratio Lower Upper  
101 100  
85 43.4 35.9 53.9  
151 67.6 57.1 85.7

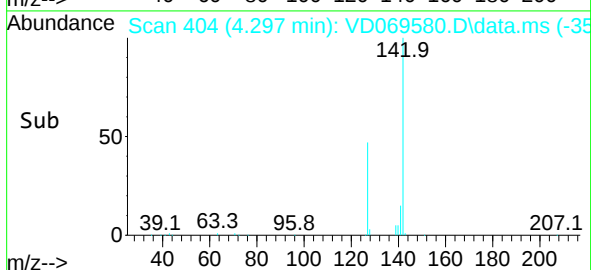
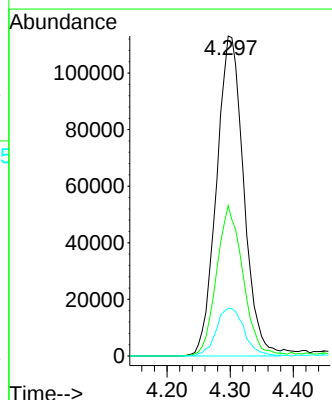
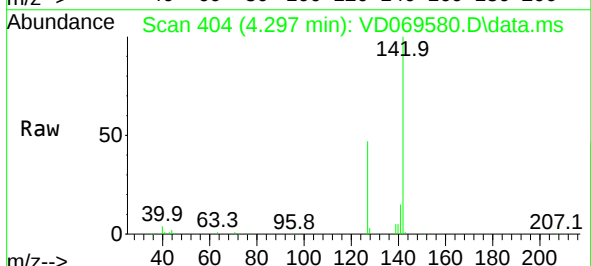
Manual Integrations  
APPROVED

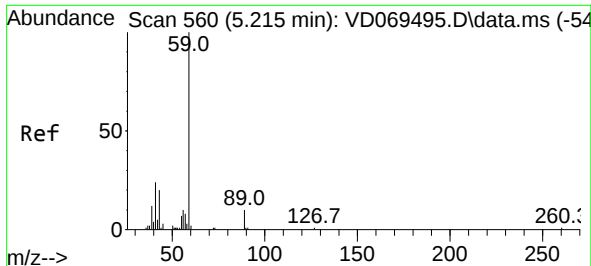
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#10  
Methyl Iodide  
Concen: 48.151 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

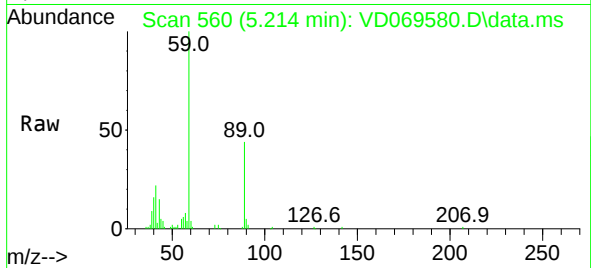
Tgt Ion:142 Resp: 337193  
Ion Ratio Lower Upper  
142 100  
127 45.7 36.5 54.7  
141 15.4 12.0 18.0



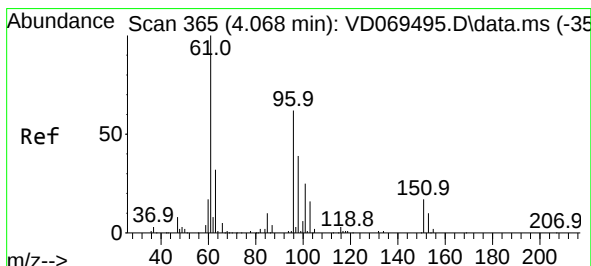
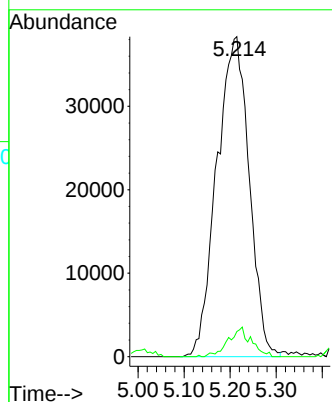
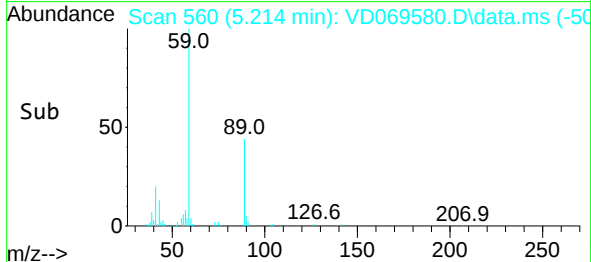


#11  
Tert butyl alcohol  
Concen: 467.151 ug/l  
RT: 5.214 min Scan# 560  
Delta R.T. -0.001 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

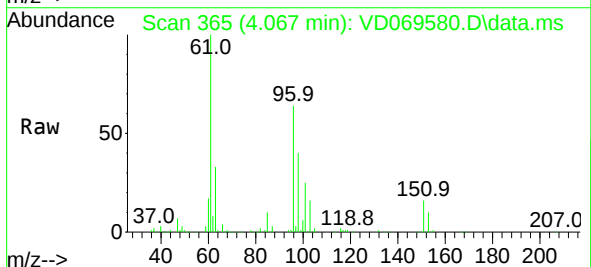
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



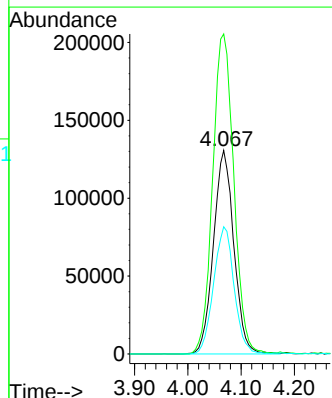
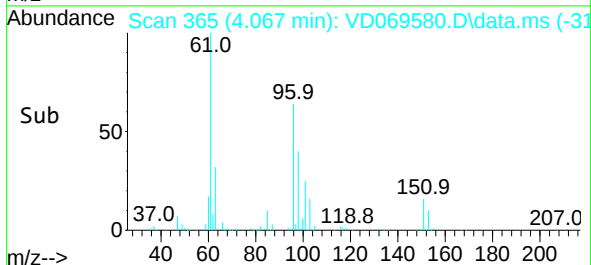
Tgt Ion: 59 Resp: 187373  
Ion Ratio Lower Upper  
59 100  
57 6.5 4.6 7.0

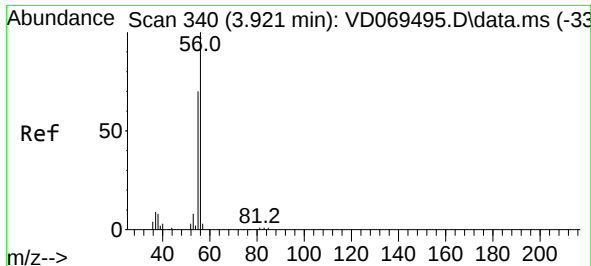


#12  
1,1-Dichloroethene  
Concen: 52.563 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



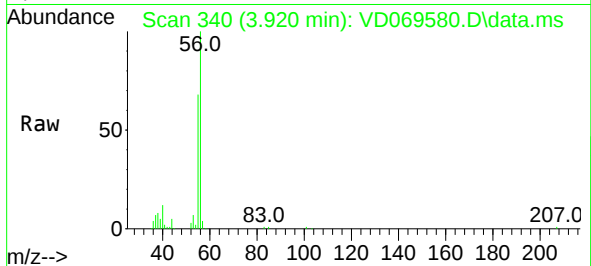
Tgt Ion: 96 Resp: 348286  
Ion Ratio Lower Upper  
96 100  
61 157.3 130.1 195.1  
98 62.5 51.2 76.8





#13  
Acrolein  
Concen: 243.851 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

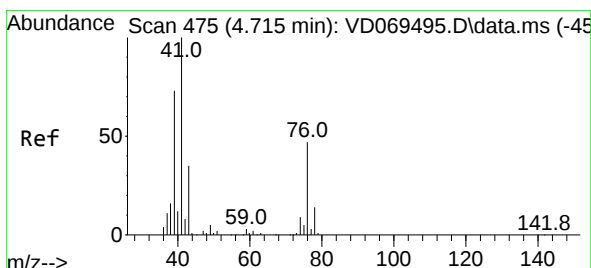
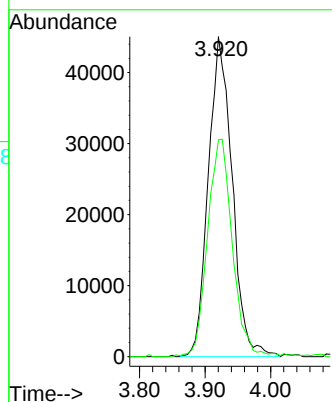
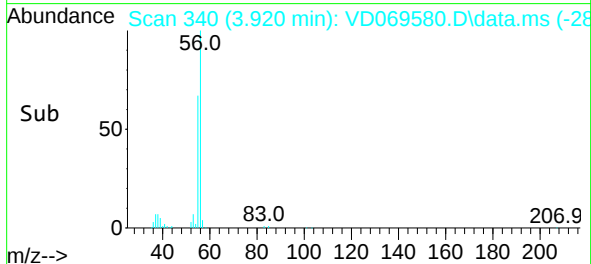
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



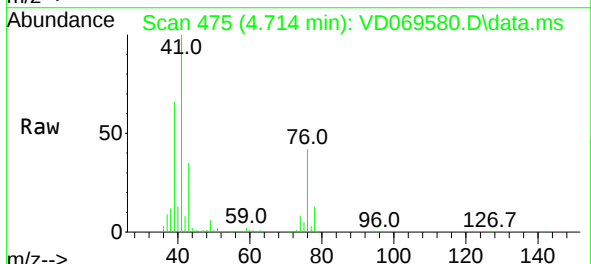
Tgt Ion: 56 Resp: 113521  
Ion Ratio Lower Upper  
56 100  
55 70.9 56.0 84.0

Manual Integrations  
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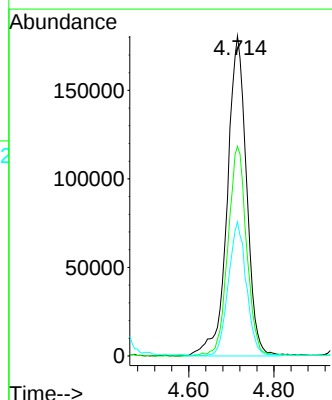
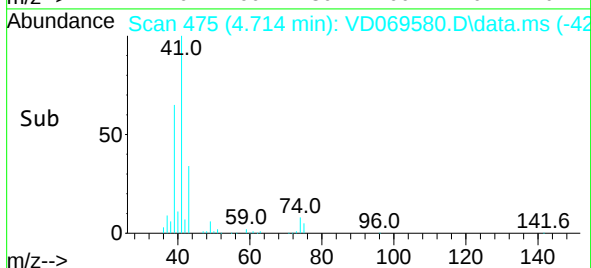
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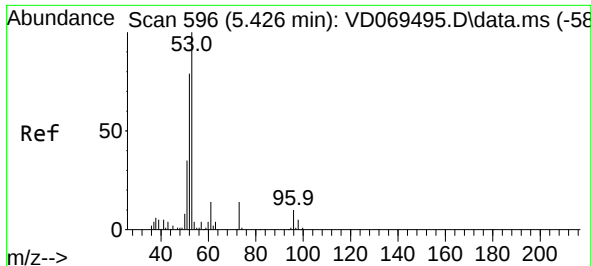


#14  
Allyl chloride  
Concen: 60.994 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

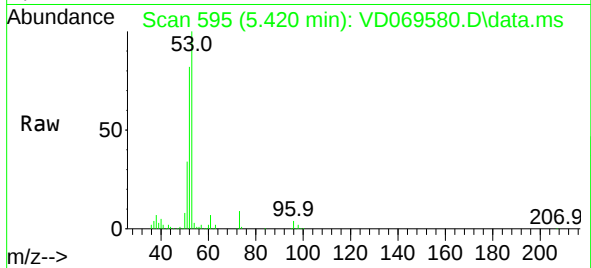


Tgt Ion: 41 Resp: 566588  
Ion Ratio Lower Upper  
41 100  
39 63.4 58.2 87.4  
76 38.9 33.8 50.8

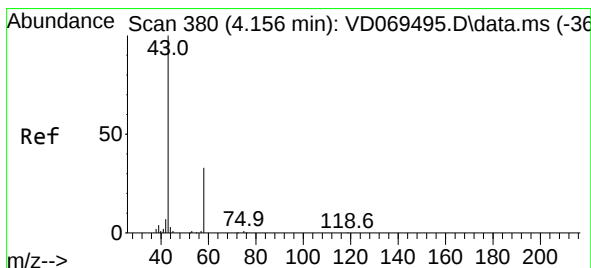
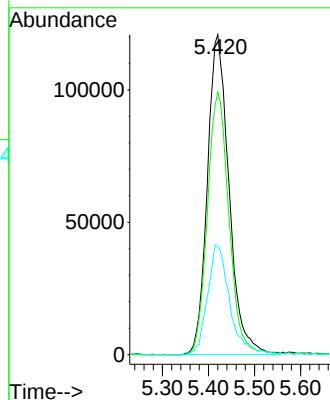
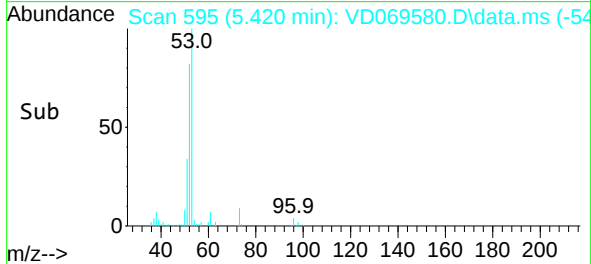




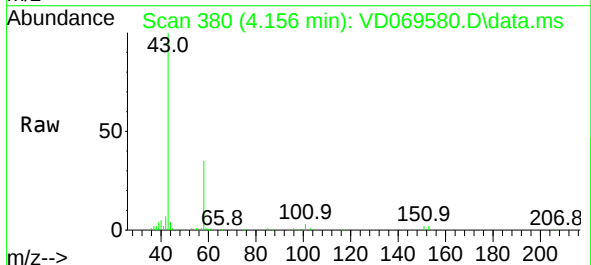
#15  
Acrylonitrile  
Concen: 285.789 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



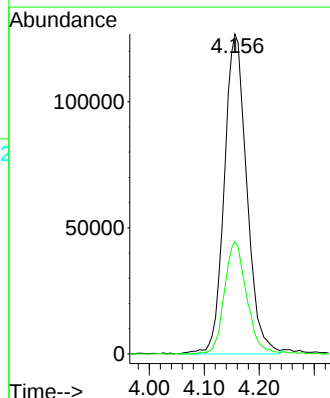
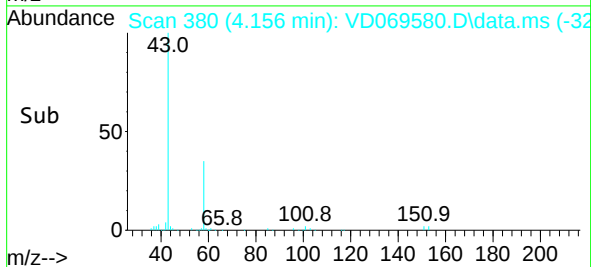
Tgt Ion: 53 Resp: 395507  
Ion Ratio Lower Upper  
53 100  
52 81.6 65.8 98.6  
51 35.3 29.7 44.5



#16  
Acetone  
Concen: 255.868 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



Tgt Ion: 43 Resp: 360207  
Ion Ratio Lower Upper  
43 100  
58 35.1 26.8 40.2



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

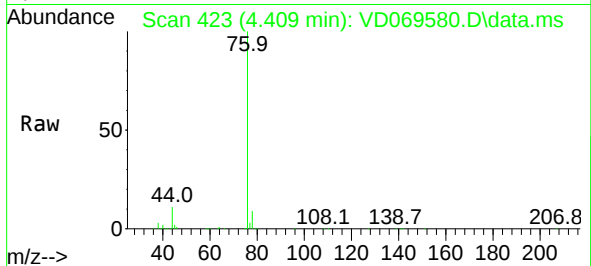
Manual Integrations  
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#17  
Carbon Disulfide  
Concen: 48.530 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

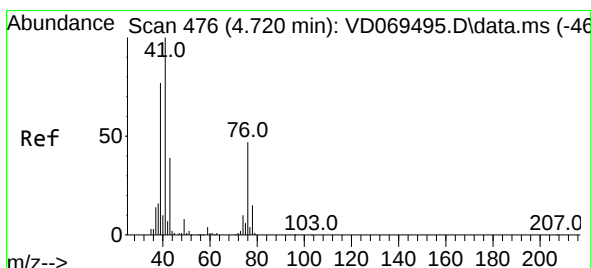
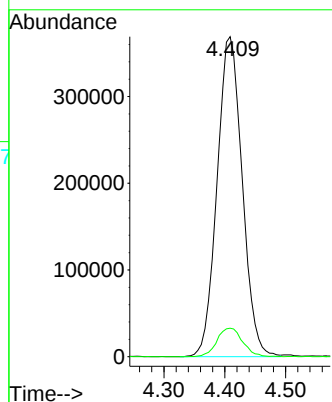
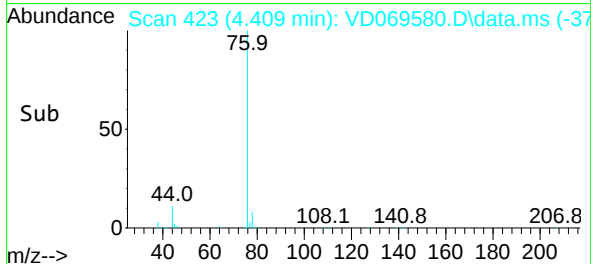
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



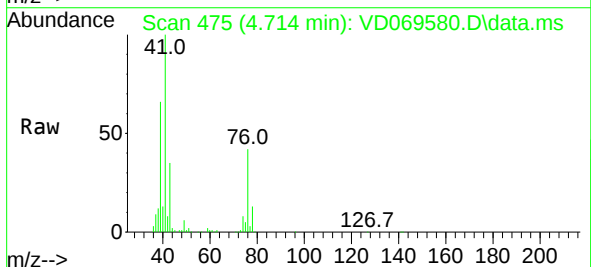
Tgt Ion: 76 Resp: 1058715  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.0 10.4

Manual Integrations  
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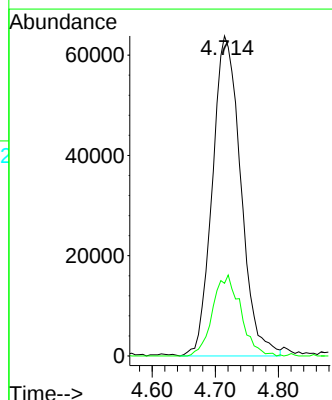
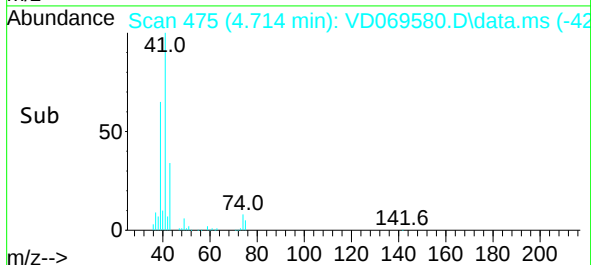
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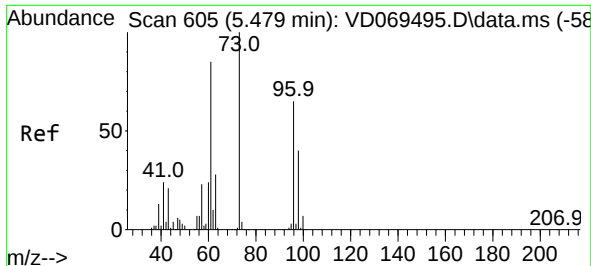


#18  
Methyl Acetate  
Concen: 57.462 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



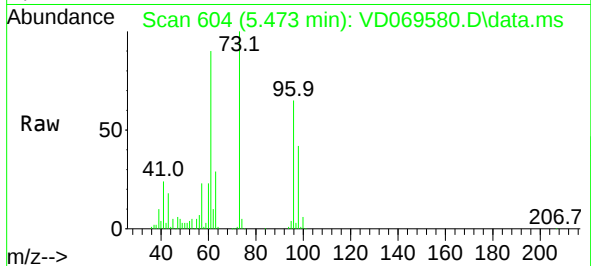
Tgt Ion: 43 Resp: 199388  
Ion Ratio Lower Upper  
43 100  
74 25.0 21.0 31.4



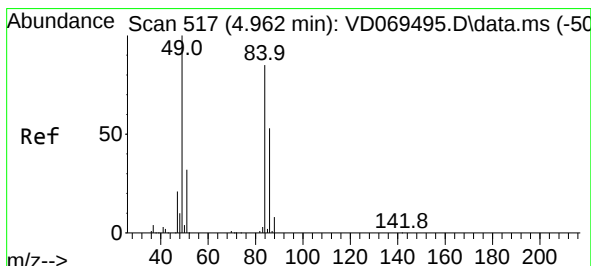
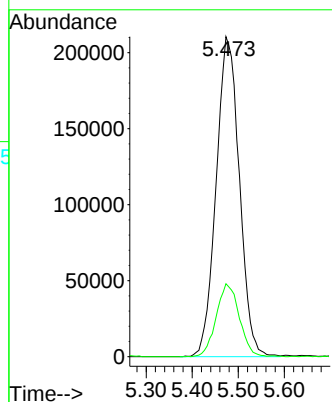
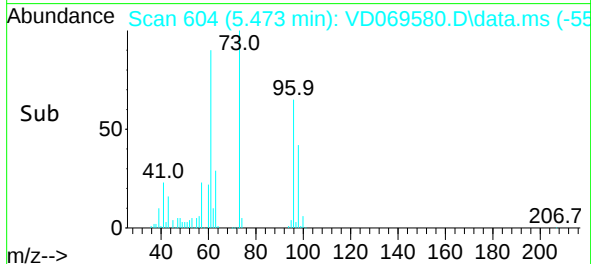


#19  
Methyl tert-butyl Ether  
Concen: 56.504 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

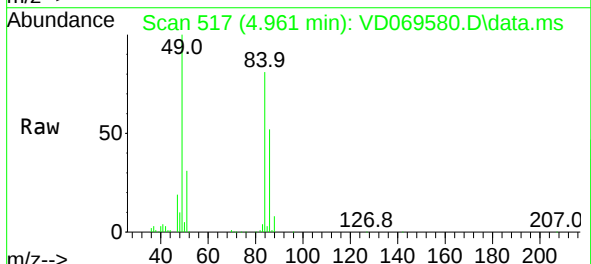
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



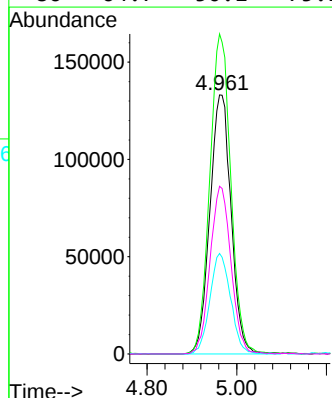
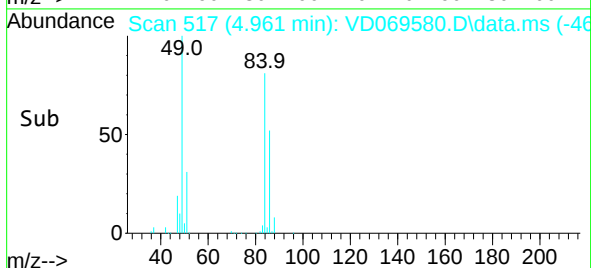
Tgt Ion: 73 Resp: 735804  
Ion Ratio Lower Upper  
73 100  
57 22.8 18.1 27.1

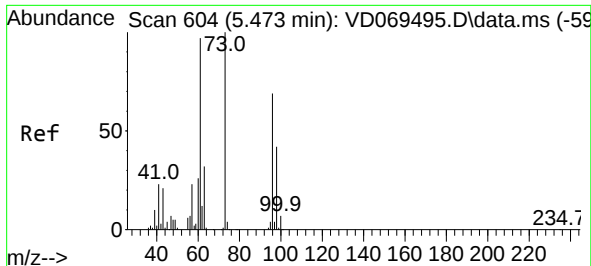


#20  
Methylene Chloride  
Concen: 48.689 ug/l  
RT: 4.961 min Scan# 517  
Delta R.T. -0.001 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



Tgt Ion: 84 Resp: 437838  
Ion Ratio Lower Upper  
84 100  
49 123.6 94.0 141.0  
51 38.8 29.7 44.5  
86 64.7 50.1 75.1





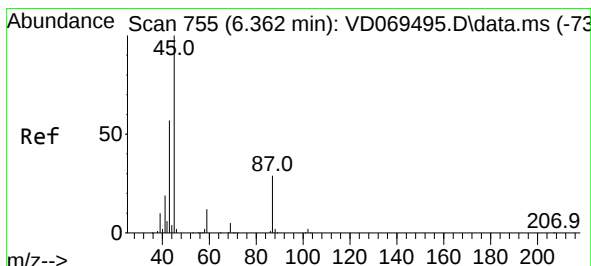
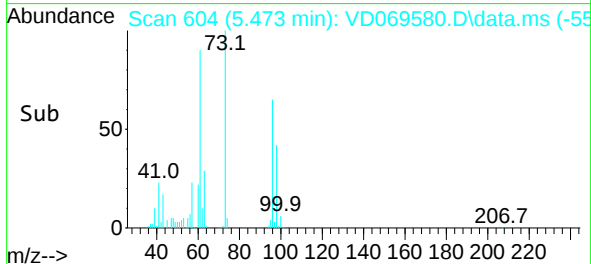
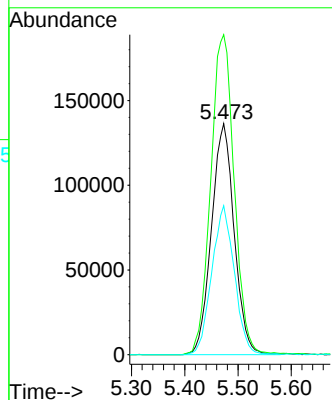
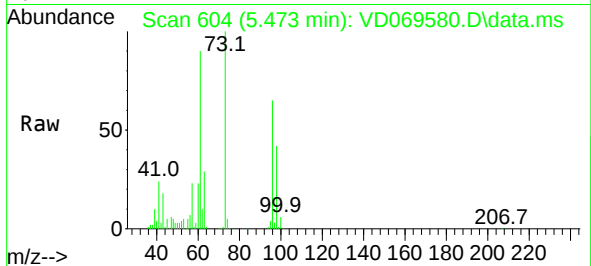
#21  
trans-1,2-Dichloroethene  
Concen: 50.483 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 96 Resp: 403575  
Ion Ratio Lower Upper  
96 100  
61 138.5 111.8 167.6  
98 64.5 48.5 72.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

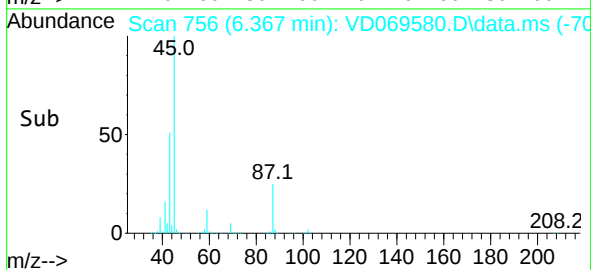
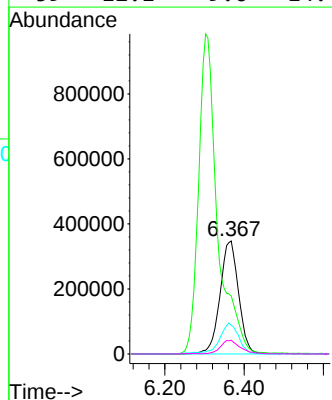
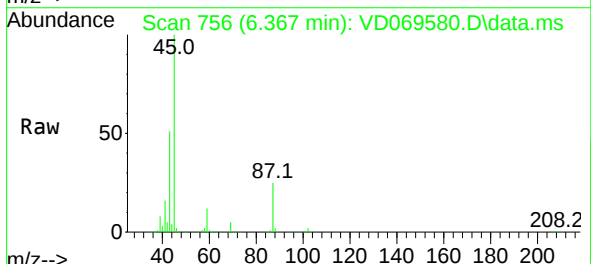
Manual Integrations  
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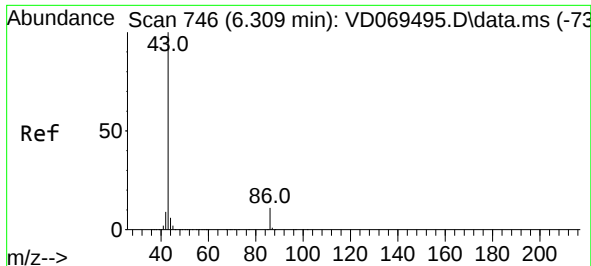
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#22  
Diisopropyl ether  
Concen: 60.416 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 45 Resp: 1130893  
Ion Ratio Lower Upper  
45 100  
43 51.0 45.8 68.6  
87 25.3 23.4 35.2  
59 12.1 9.6 14.4





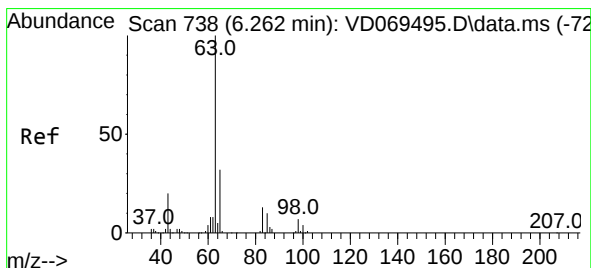
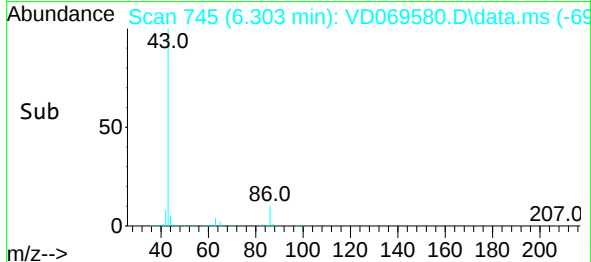
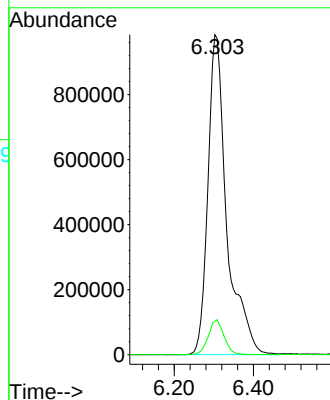
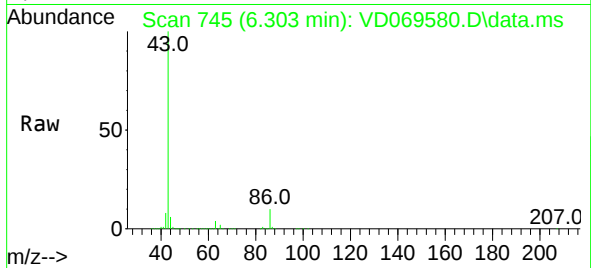
#23  
 Vinyl Acetate  
 Concen: 271.819 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.006 min  
 Lab File: VD069580.D  
 Acq: 06 Jul 2021 13:54

Tgt Ion: 43 Resp: 3257203  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 9.1 13.7

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

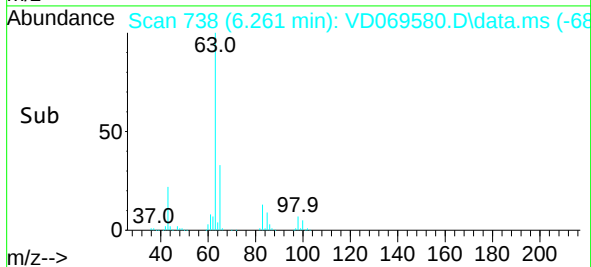
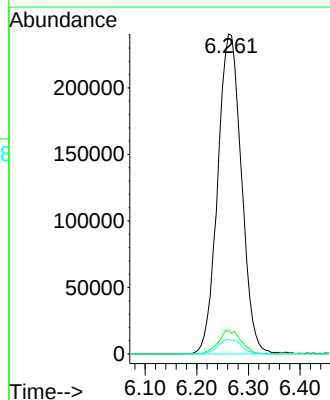
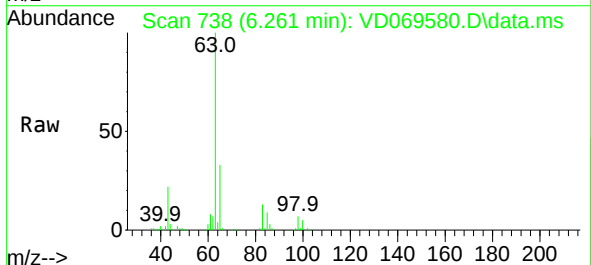
Manual Integrations  
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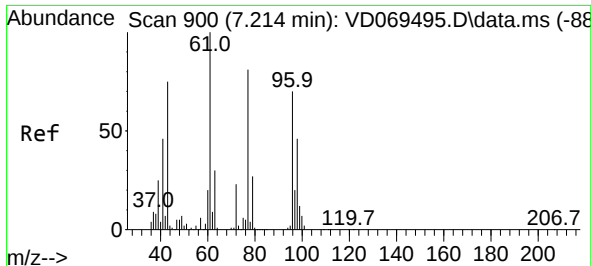
MMDadoda  
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#24  
 1,1-Dichloroethane  
 Concen: 51.758 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD069580.D  
 Acq: 06 Jul 2021 13:54

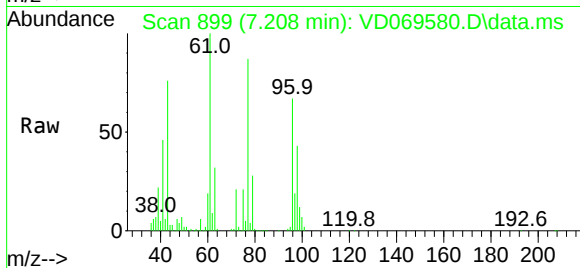
Tgt Ion: 63 Resp: 767380  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.6 10.9  
 100 4.5 2.0 6.0





#25  
2-Butanone  
Concen: 285.160 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

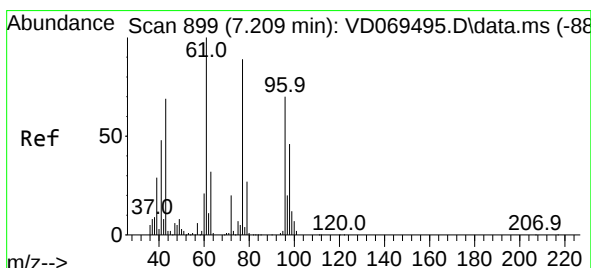
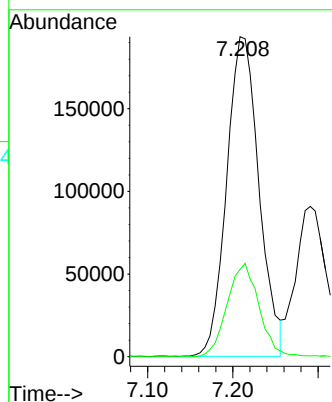
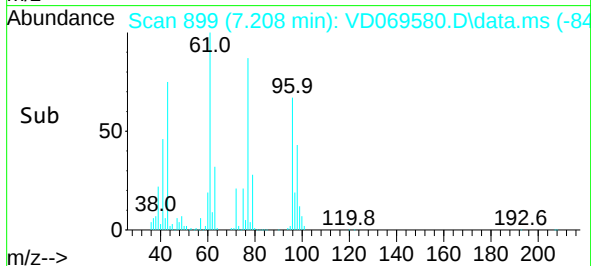
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



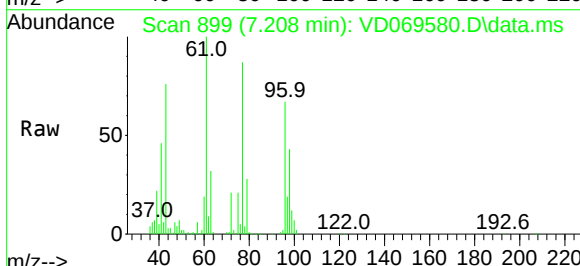
Tgt Ion: 43 Resp: 510126  
Ion Ratio Lower Upper  
43 100  
72 27.3 24.3 36.5

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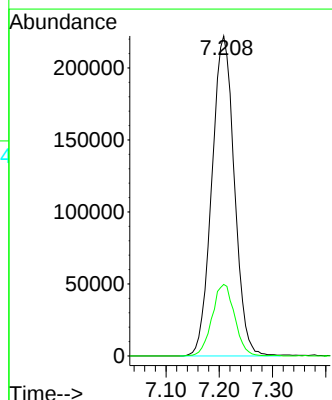
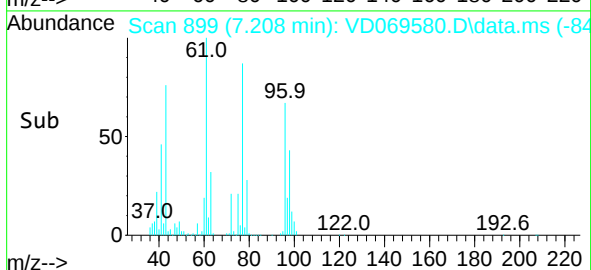
MMDadoda  
7/7/2021 6:28:35 PM



#26  
2,2-Dichloropropane  
Concen: 53.772 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



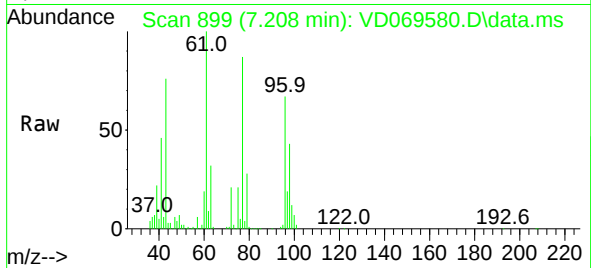
Tgt Ion: 77 Resp: 651765  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.5 34.5





#27  
 cis-1,2-Dichloroethene  
 Concen: 52.230 ug/l  
 RT: 7.208 min Scan# 899  
 Delta R.T. -0.000 min  
 Lab File: VD069580.D  
 Acq: 06 Jul 2021 13:54

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

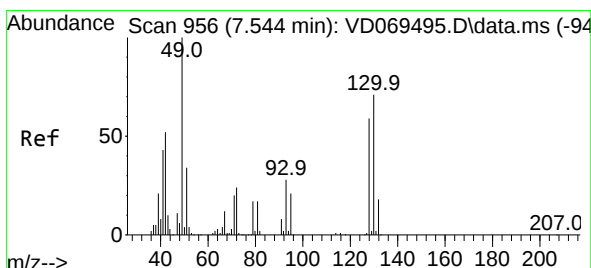
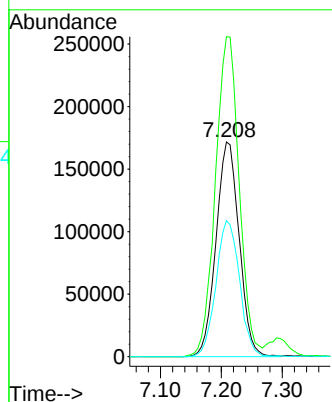
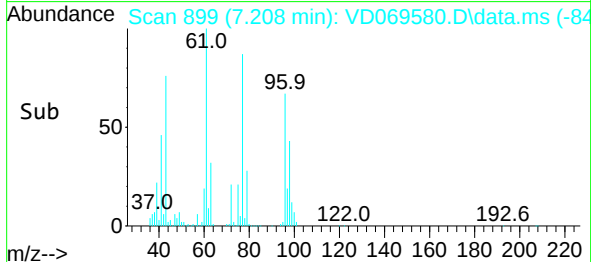


Tgt Ion: 96 Resp: 453690  

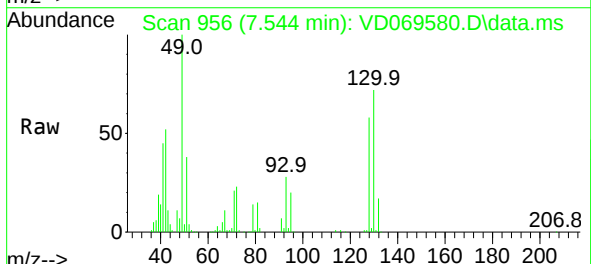
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 152.9 | 0.0   | 290.8 |
| 98  | 64.8  | 0.0   | 131.8 |

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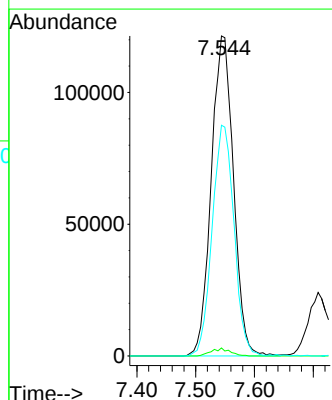
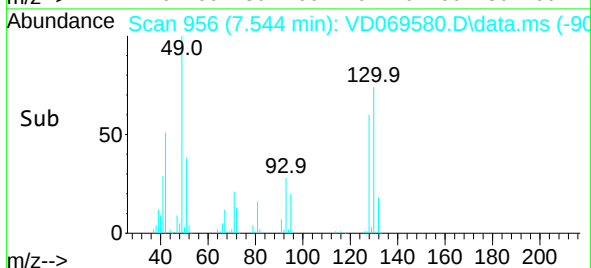


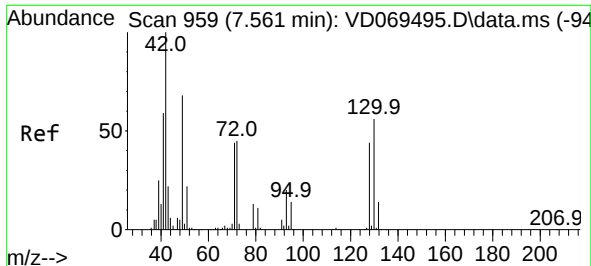
#28  
 Bromochloromethane  
 Concen: 54.854 ug/l  
 RT: 7.544 min Scan# 956  
 Delta R.T. -0.000 min  
 Lab File: VD069580.D  
 Acq: 06 Jul 2021 13:54



Tgt Ion: 49 Resp: 318535  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.0   | 0.0   | 2.8   |
| 130 | 70.9  | 60.6  | 90.8  |





#29

Tetrahydrofuran

Concen: 300.159 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD069580.D

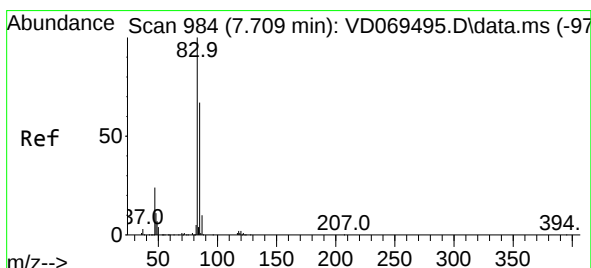
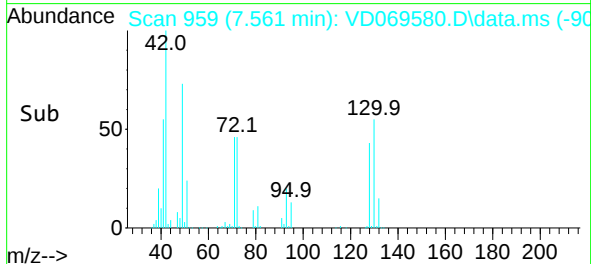
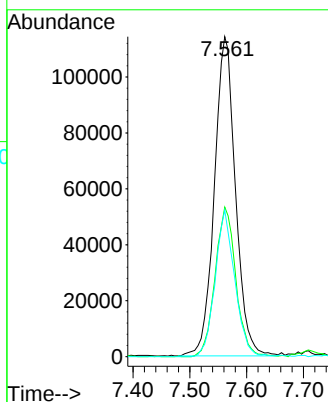
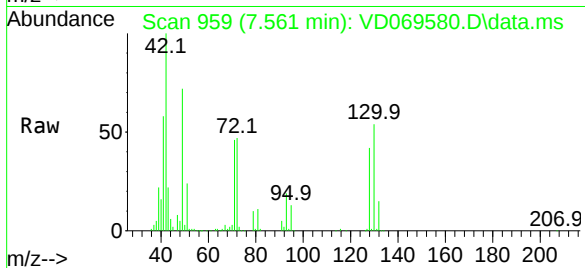
Acq: 06 Jul 2021 13:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 294385 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 46.2  | 37.9  | 56.9   |
| 71       | 42.8  | 35.1  | 52.7   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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#30

Chloroform

Concen: 49.340 ug/l

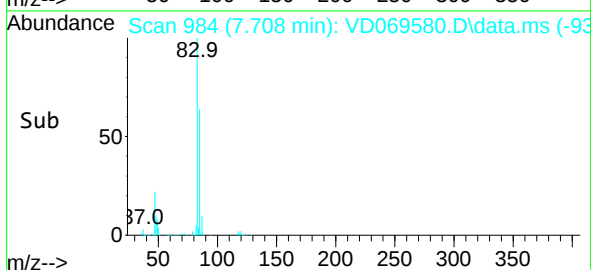
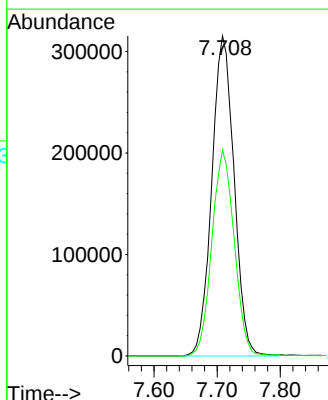
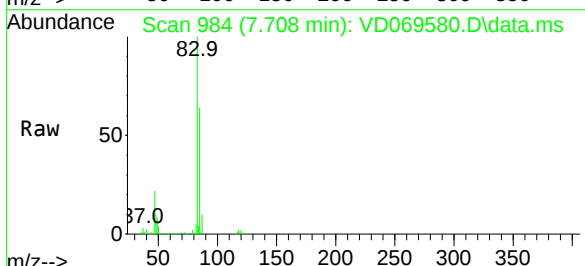
RT: 7.708 min Scan# 984

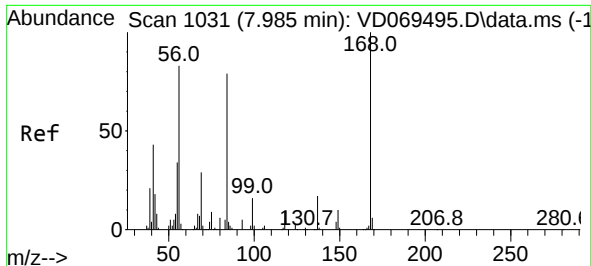
Delta R.T. -0.000 min

Lab File: VD069580.D

Acq: 06 Jul 2021 13:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 773301 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.4  | 53.9  | 80.9   |





#31

Cyclohexane

Concen: 51.885 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD069580.D

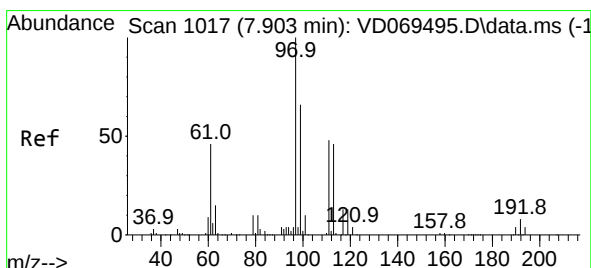
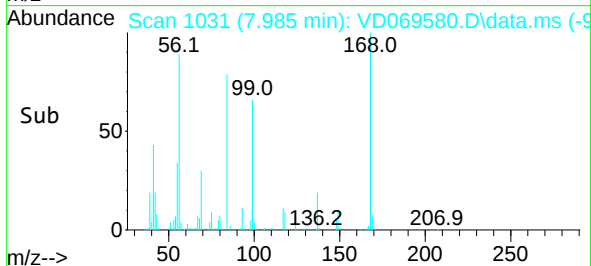
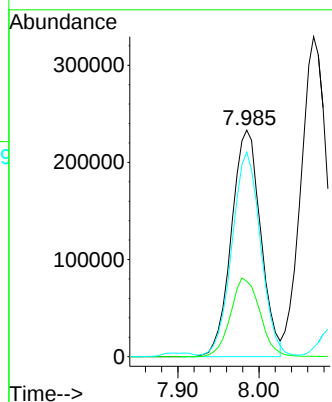
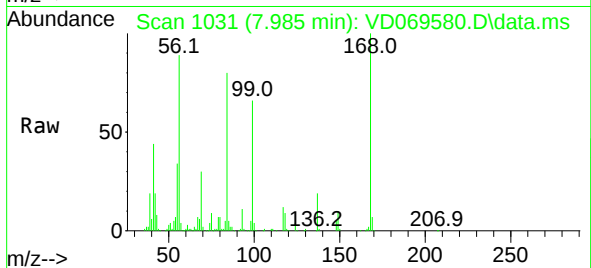
Acq: 06 Jul 2021 13:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 584296 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 33.3  | 28.0  | 42.0   |
| 84       | 88.8  | 75.7  | 113.5  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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#32

1,1,1-Trichloroethane

Concen: 50.744 ug/l

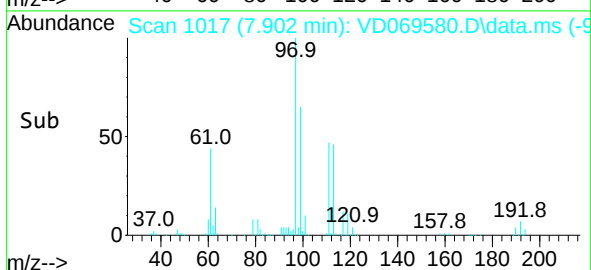
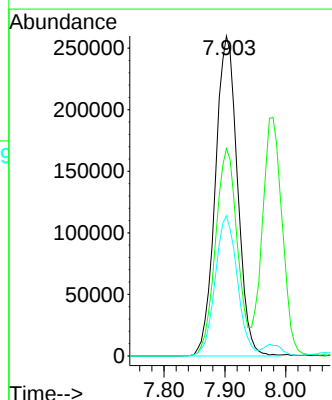
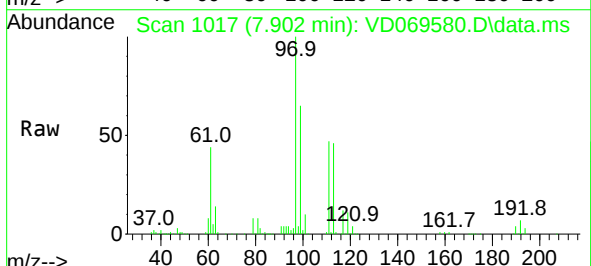
RT: 7.902 min Scan# 1017

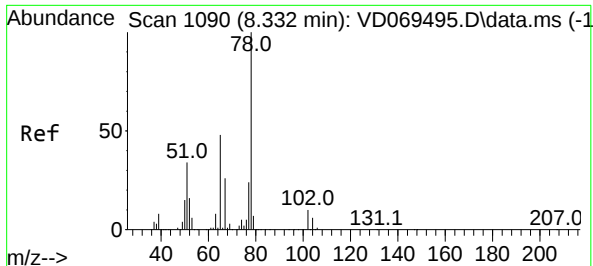
Delta R.T. -0.000 min

Lab File: VD069580.D

Acq: 06 Jul 2021 13:54

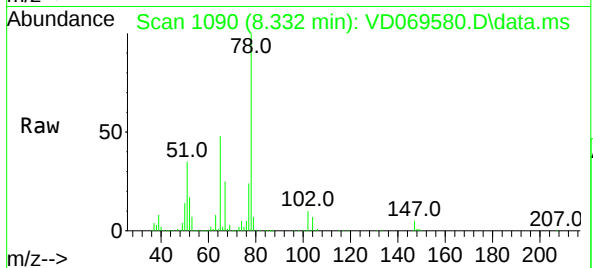
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 655384 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 63.6  | 52.6  | 78.8   |
| 61       | 44.0  | 37.0  | 55.4   |





#33  
1,2-Dichloroethane-d4  
Concen: 46.464 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

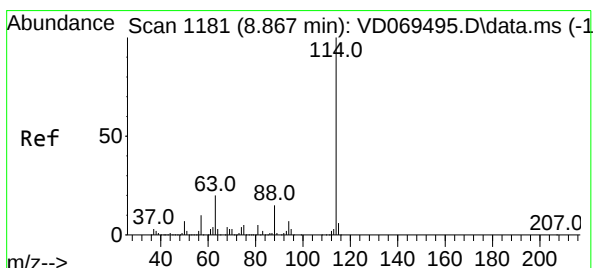
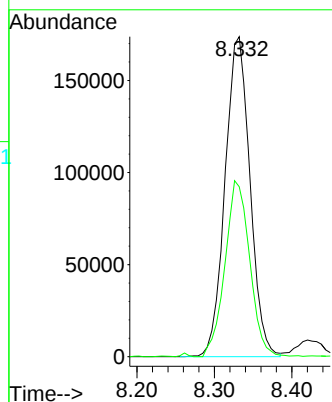
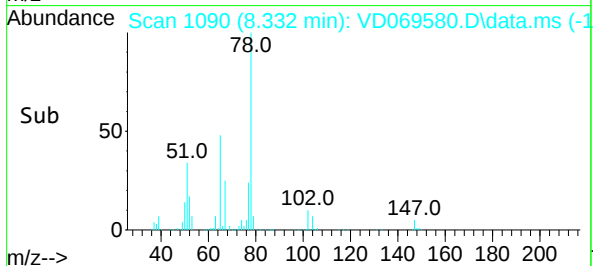
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



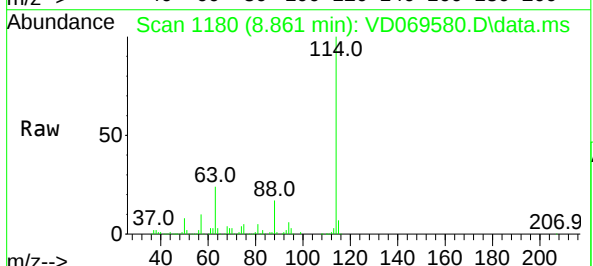
Tgt Ion: 65 Resp: 388623  
Ion Ratio Lower Upper  
65 100  
67 54.8 0.0 105.6

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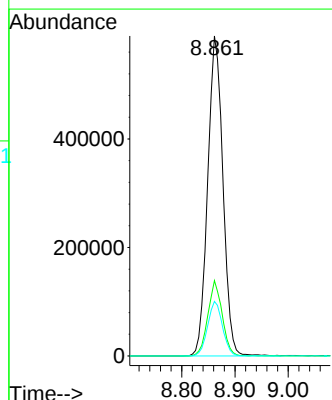
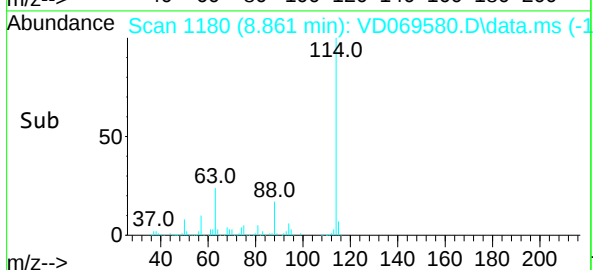
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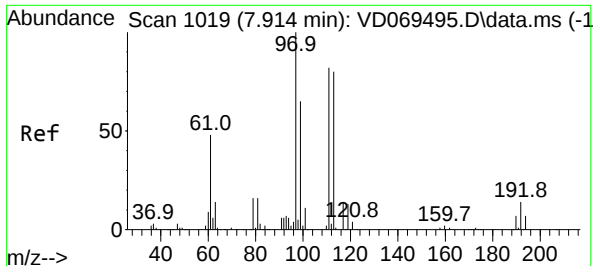


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



Tgt Ion: 114 Resp: 1172346  
Ion Ratio Lower Upper  
114 100  
63 23.5 0.0 39.6  
88 17.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.817 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069580.D

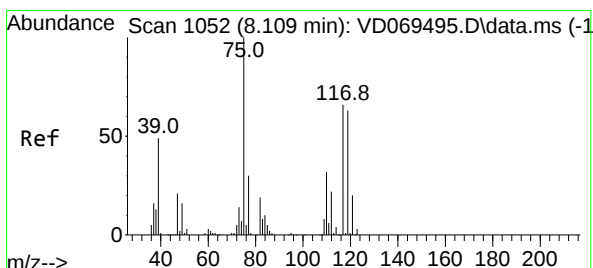
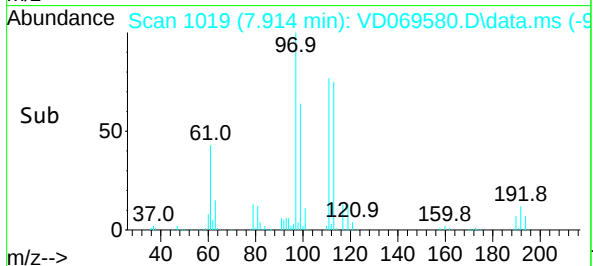
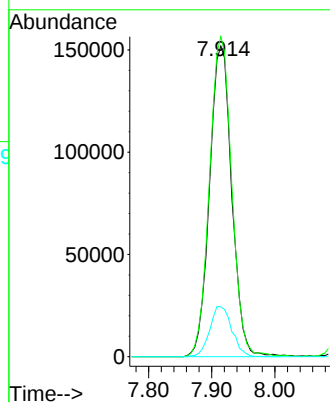
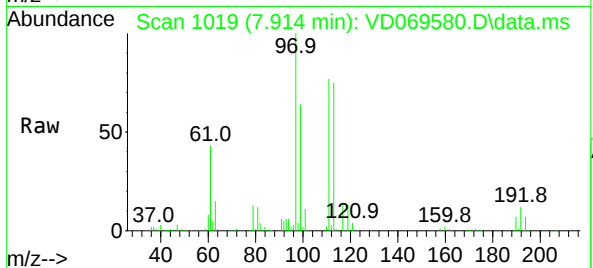
Acq: 06 Jul 2021 13:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 371016 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 103.2 | 81.8  | 122.8  |
| 192      | 16.1  | 13.8  | 20.6   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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#36

1,1-Dichloropropene

Concen: 52.226 ug/l

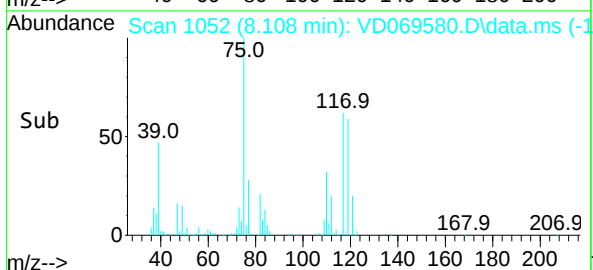
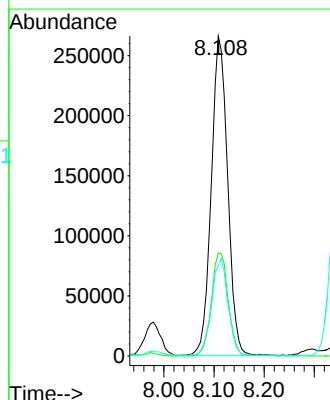
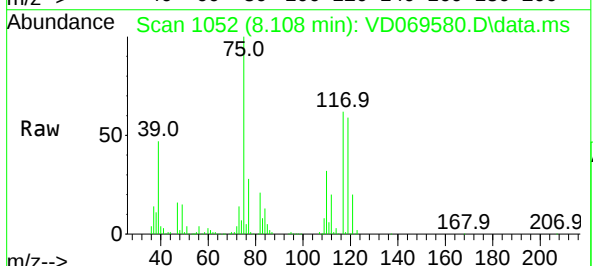
RT: 8.108 min Scan# 1052

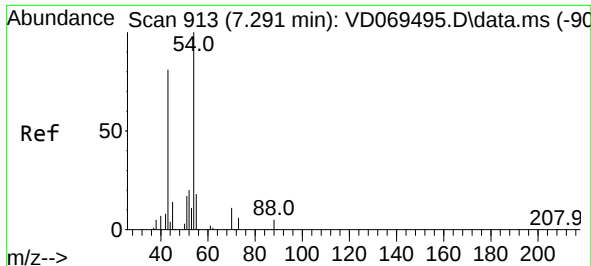
Delta R.T. -0.000 min

Lab File: VD069580.D

Acq: 06 Jul 2021 13:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 600902 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 33.2  | 16.8  | 50.4   |
| 77       | 30.8  | 24.3  | 36.5   |





#37

Ethyl Acetate

Concen: 55.203 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD069580.D

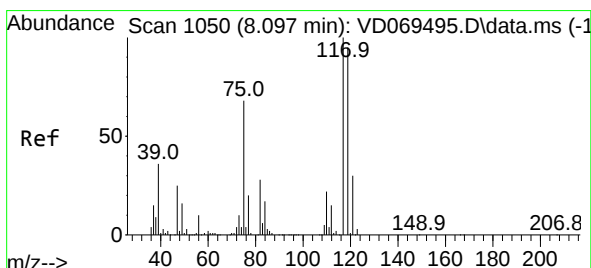
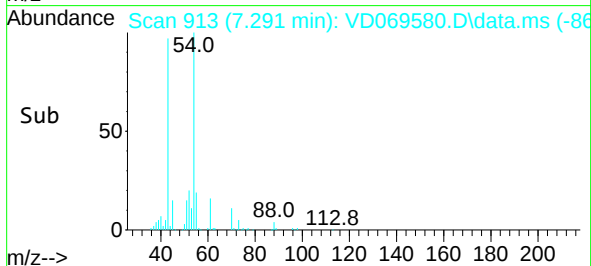
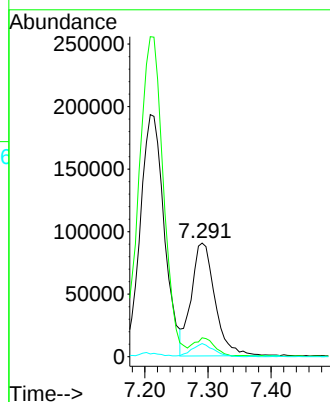
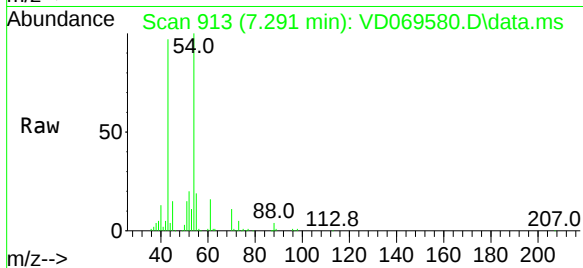
Acq: 06 Jul 2021 13:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 235699 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.7  | 11.4  | 17.0   |
| 70       | 10.6  | 9.5   | 14.3   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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#38

Carbon Tetrachloride

Concen: 48.759 ug/l

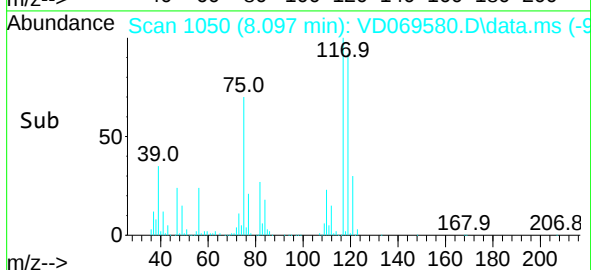
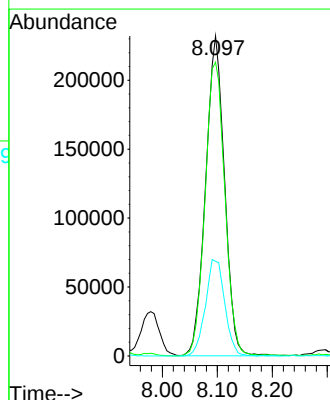
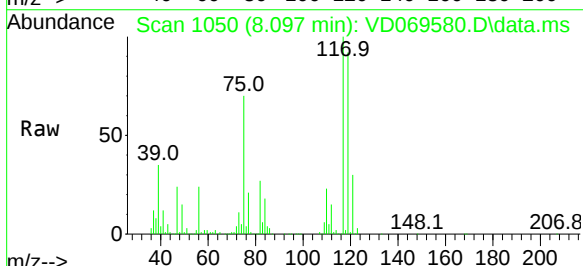
RT: 8.097 min Scan# 1050

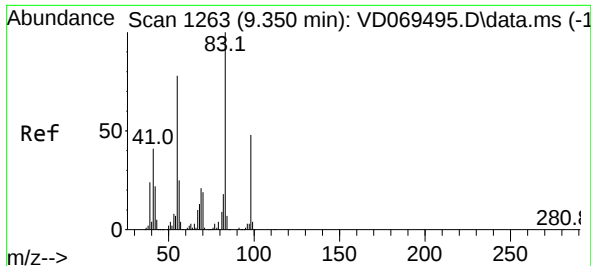
Delta R.T. -0.000 min

Lab File: VD069580.D

Acq: 06 Jul 2021 13:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 555236 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 91.8  | 75.6  | 113.4  |
| 121      | 29.6  | 23.8  | 35.8   |





#39

Methylcyclohexane

Concen: 54.488 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD069580.D

Acq: 06 Jul 2021 13:54

|             |              |
|-------------|--------------|
| Tgt Ion: 83 | Resp: 618435 |
| Ion Ratio   | Lower Upper  |
| 83 100      |              |
| 55 76.2     | 62.6 93.8    |
| 98 45.9     | 38.7 58.1    |

Instrument :

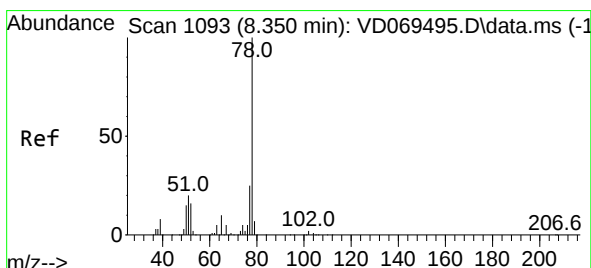
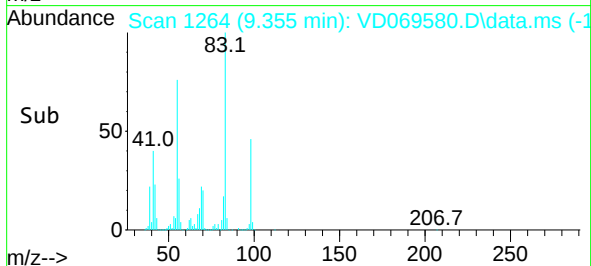
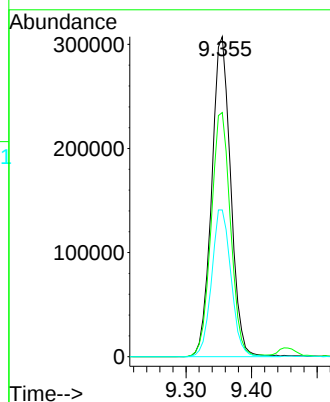
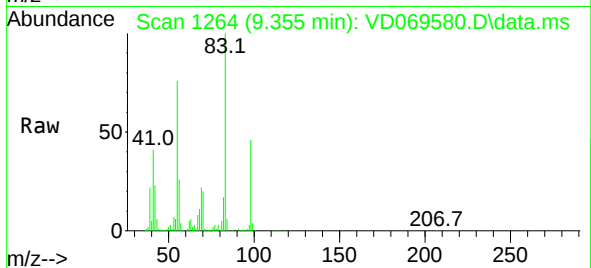
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ClientSampleId :

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#40

Benzene

Concen: 51.640 ug/l

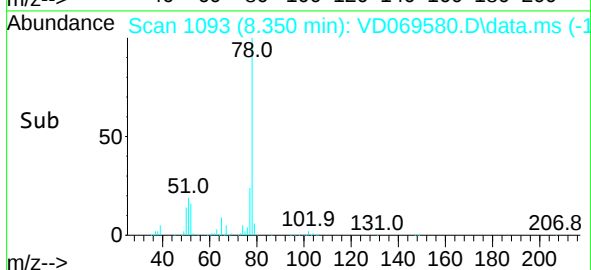
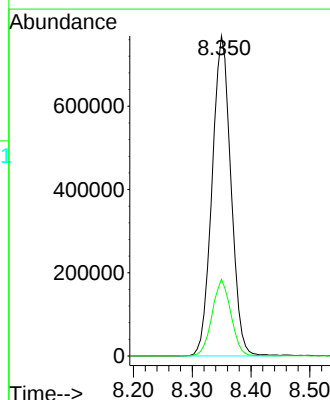
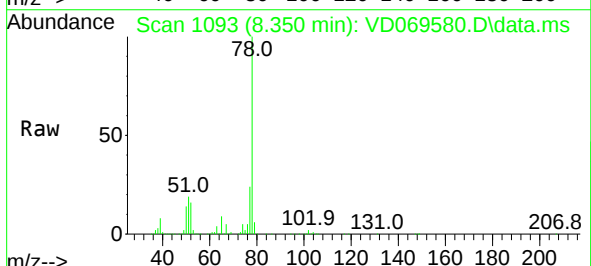
RT: 8.350 min Scan# 1093

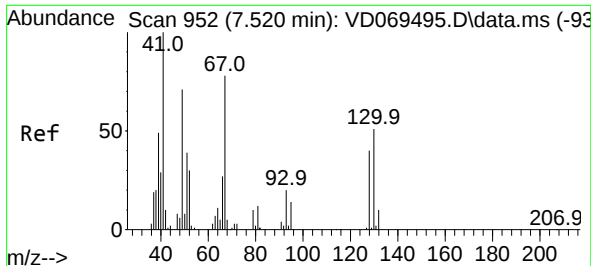
Delta R.T. -0.000 min

Lab File: VD069580.D

Acq: 06 Jul 2021 13:54

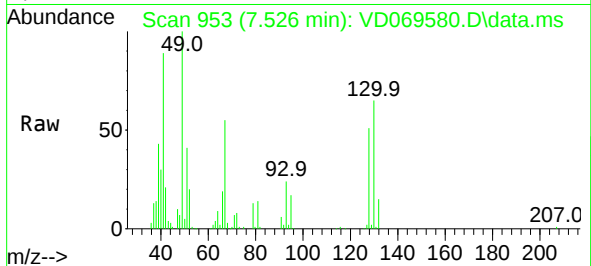
|             |               |
|-------------|---------------|
| Tgt Ion: 78 | Resp: 1712907 |
| Ion Ratio   | Lower Upper   |
| 78 100      |               |
| 77 24.0     | 19.7 29.5     |





#41  
Methacrylonitrile  
Concen: 48.970 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. 0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

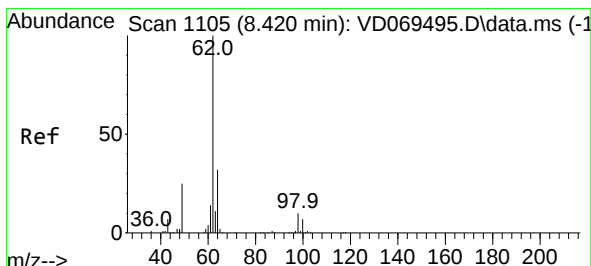
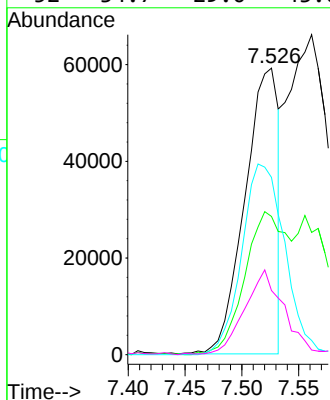
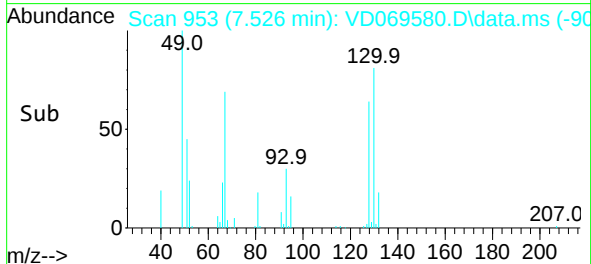
Instrument :  
MSVOA\_D  
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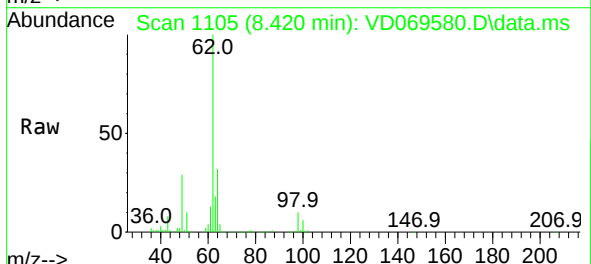
Tgt Ion: 41 Resp: 121676  
Ion Ratio Lower Upper  
41 100  
39 64.3 41.7 62.5#  
67 85.8 71.8 107.6  
52 34.7 29.0 43.6

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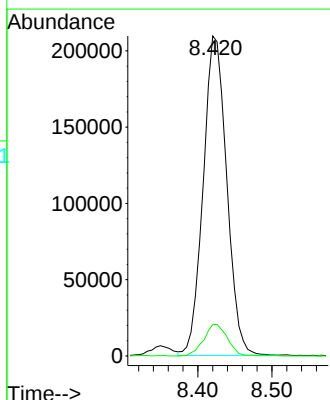
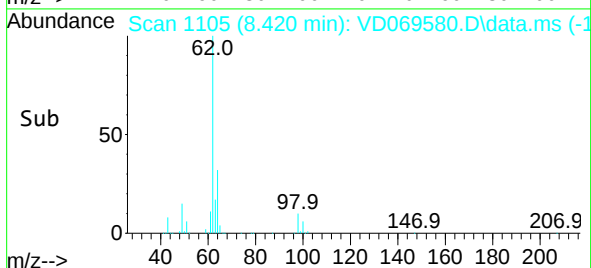
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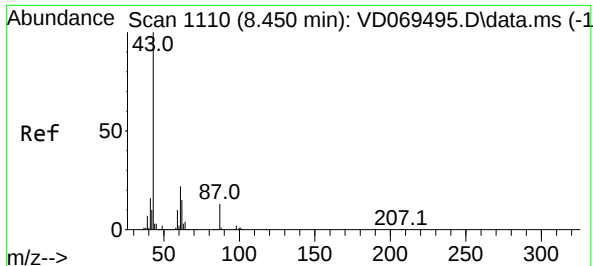


#42  
1,2-Dichloroethane  
Concen: 47.982 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



Tgt Ion: 62 Resp: 462397  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 19.6





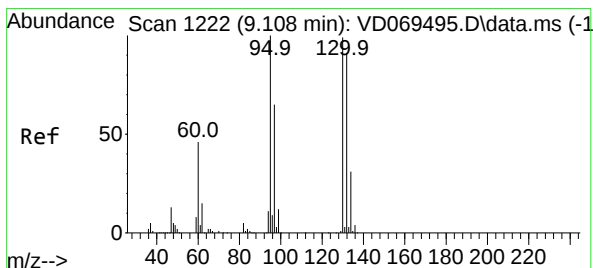
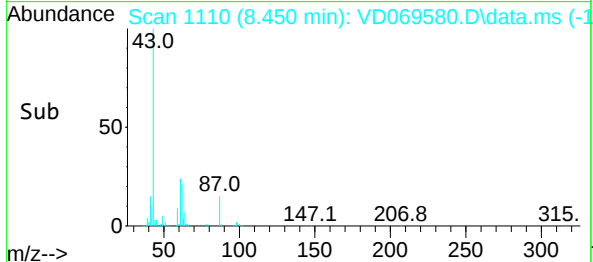
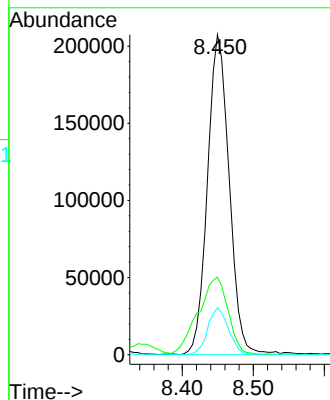
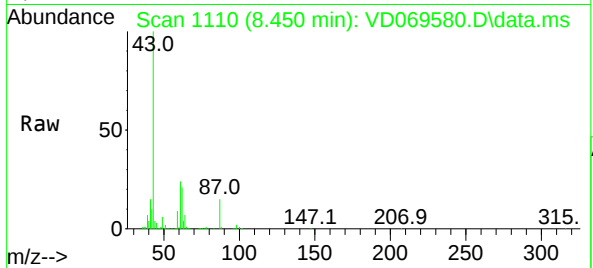
#43  
Isopropyl Acetate  
Concen: 56.845 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 43 Resp: 440927  
Ion Ratio Lower Upper  
43 100  
61 33.1 28.2 42.2  
87 14.0 11.4 17.0

Instrument :  
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ClientSampleId :  
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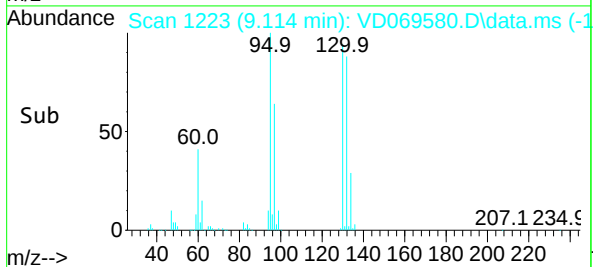
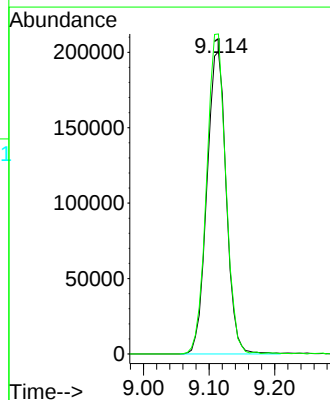
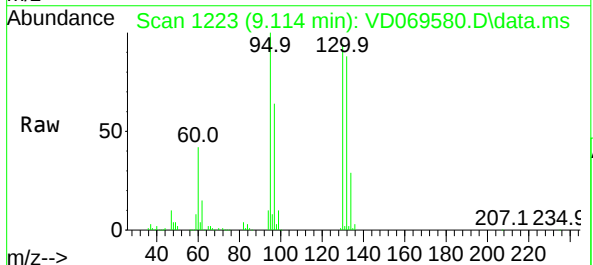
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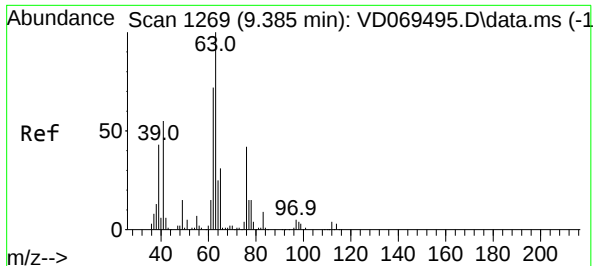
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#44  
Trichloroethene  
Concen: 49.147 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion:130 Resp: 411366  
Ion Ratio Lower Upper  
130 100  
95 105.9 0.0 202.2





#45

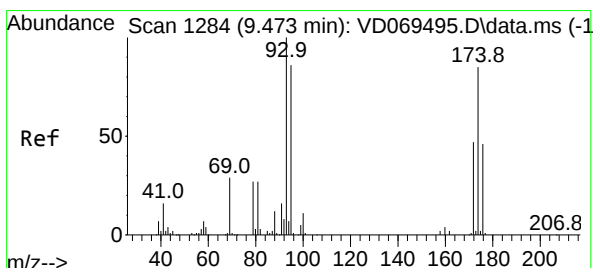
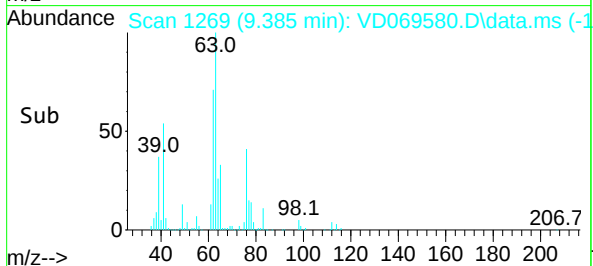
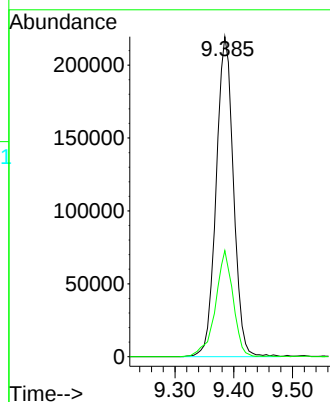
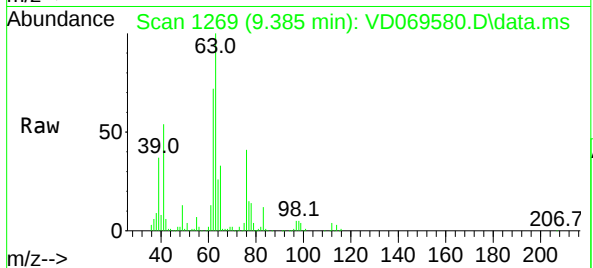
1,2-Dichloropropane  
Concen: 52.714 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 63 Resp: 448852  
Ion Ratio Lower Upper  
63 100  
65 33.1 24.7 37.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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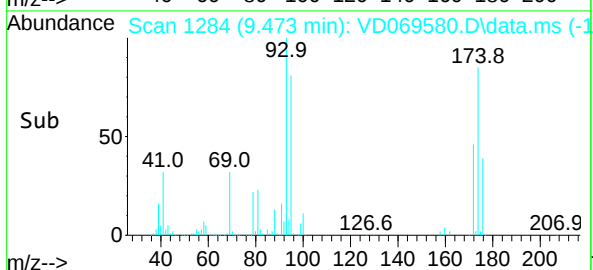
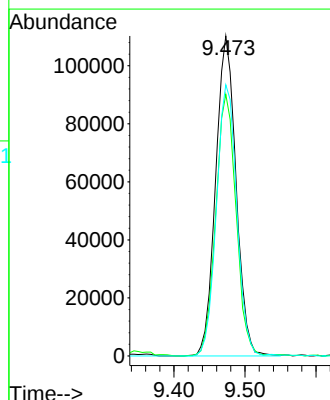
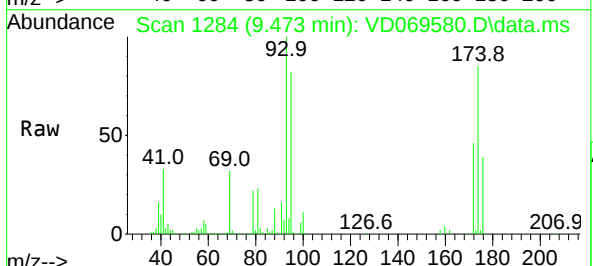
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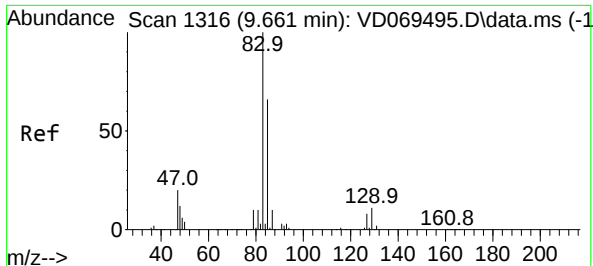


#46

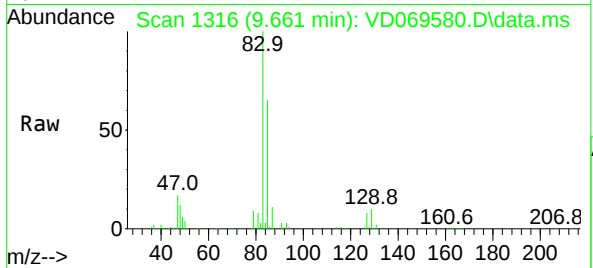
Dibromomethane  
Concen: 49.143 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 93 Resp: 219152  
Ion Ratio Lower Upper  
93 100  
95 81.5 68.3 102.5  
174 84.3 69.7 104.5

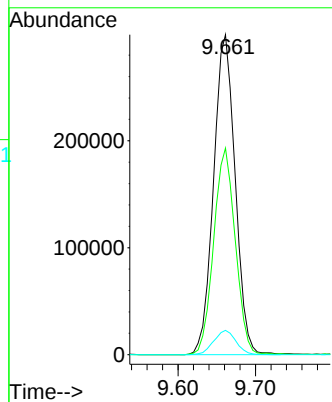
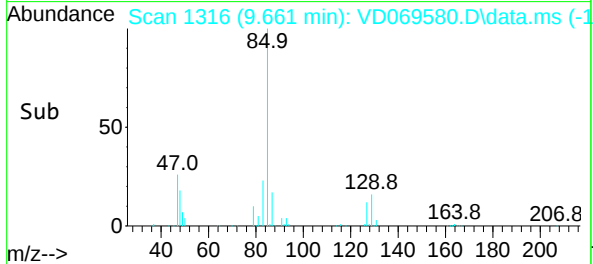




#47  
Bromodichloromethane  
Concen: 48.444 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



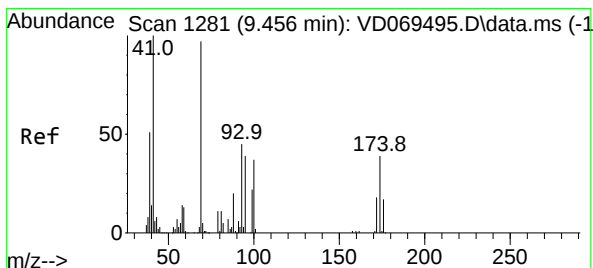
Tgt Ion: 83 Resp: 580119  
Ion Ratio Lower Upper  
83 100  
85 64.6 52.4 78.6  
127 7.6 6.6 10.0



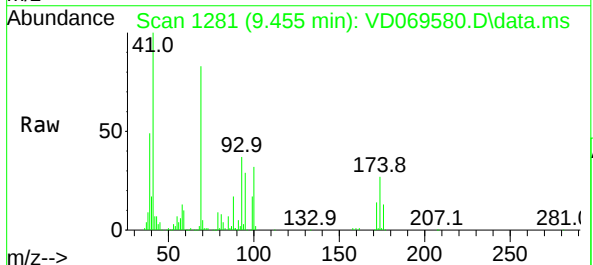
Instrument :  
MSVOA\_D  
ClientSampleId :  
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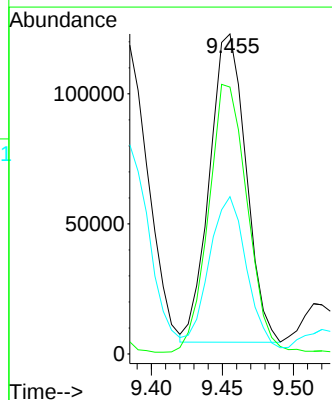
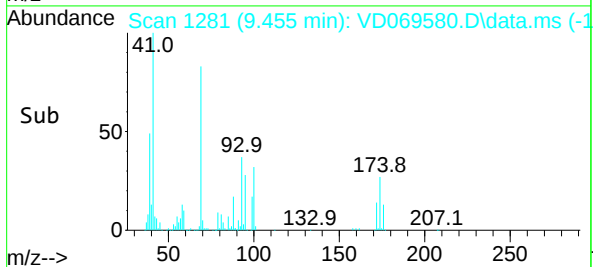
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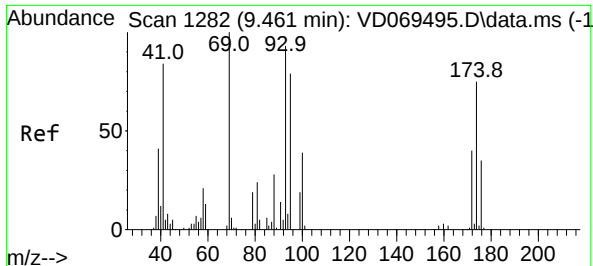


#48  
Methyl methacrylate  
Concen: 57.508 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

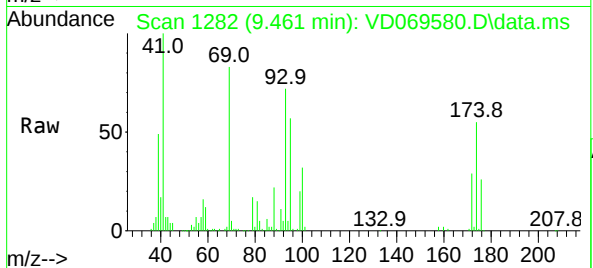


Tgt Ion: 41 Resp: 211905  
Ion Ratio Lower Upper  
41 100  
69 94.2 80.9 121.3  
39 49.8 45.8 68.6

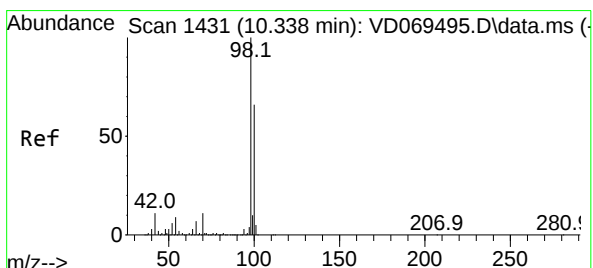
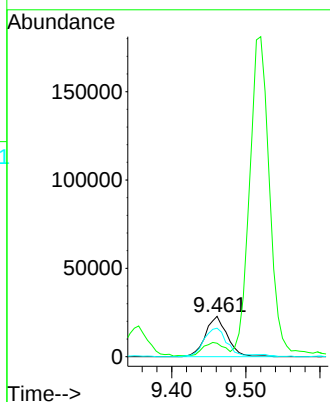
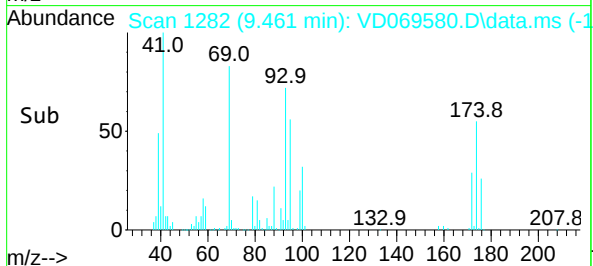




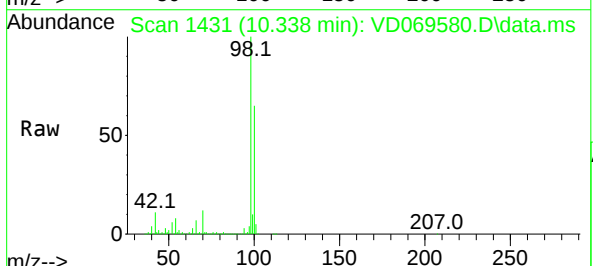
#49  
1,4-Dioxane  
Concen: 1061.343 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



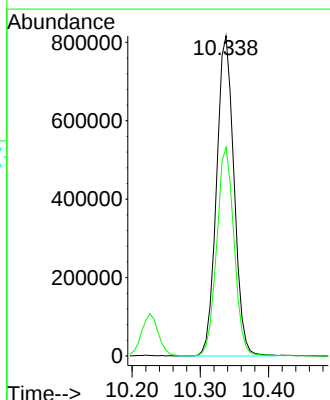
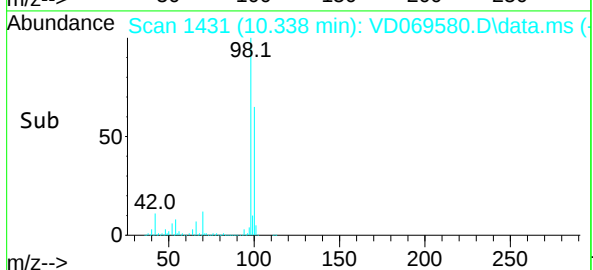
Tgt Ion: 88 Resp: 46624  
Ion Ratio Lower Upper  
88 100  
43 33.1 26.5 39.7  
58 75.2 56.0 84.0



#50  
Toluene-d8  
Concen: 48.983 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



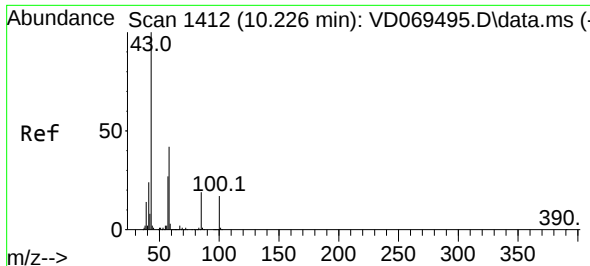
Tgt Ion: 98 Resp: 1456042  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.3 78.5



Instrument :  
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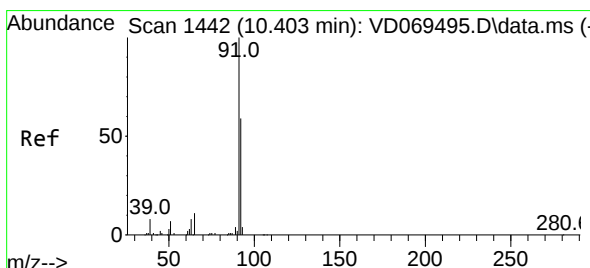
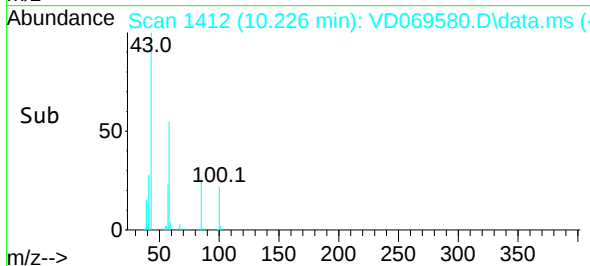
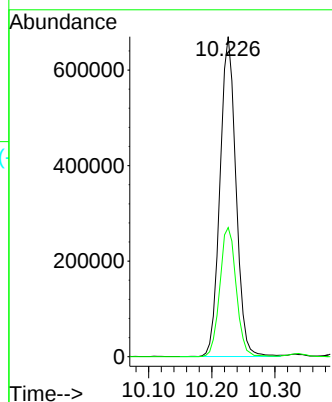
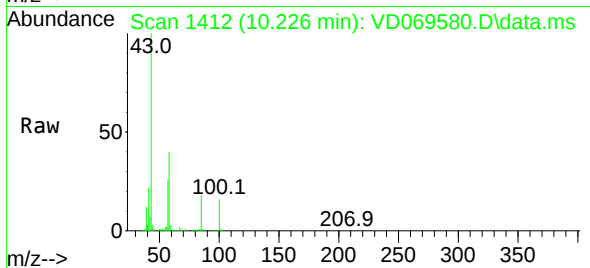
#51  
4-Methyl-2-Pentanone  
Concen: 289.627 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 43 Resp: 1181388  
Ion Ratio Lower Upper  
43 100  
58 41.4 33.6 50.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
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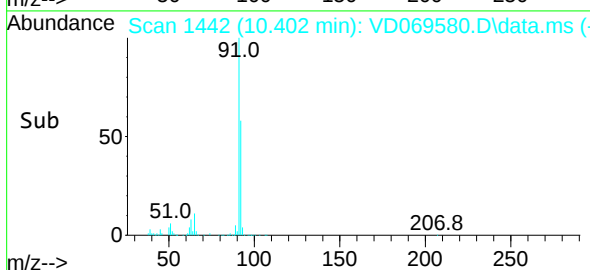
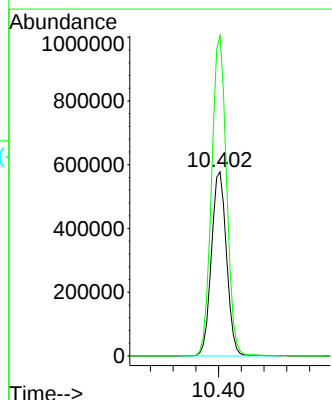
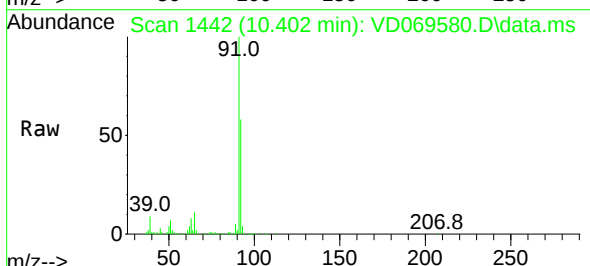
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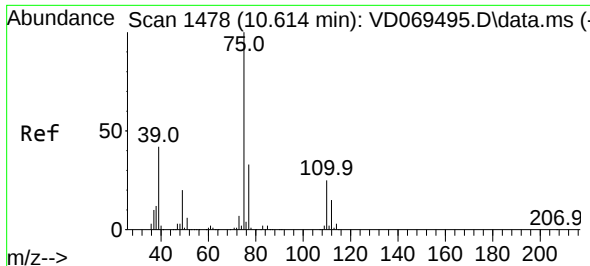
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#52  
Toluene  
Concen: 51.955 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 92 Resp: 1063405  
Ion Ratio Lower Upper  
92 100  
91 171.8 138.9 208.3





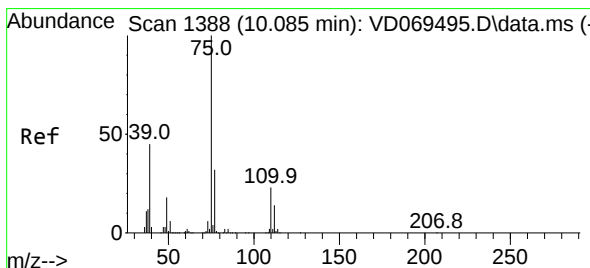
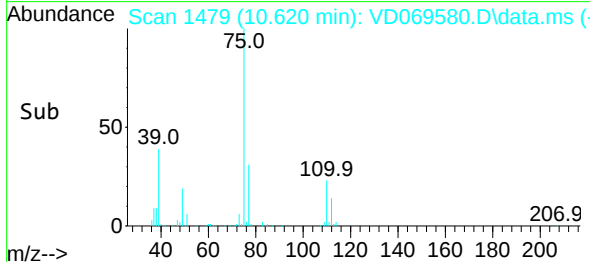
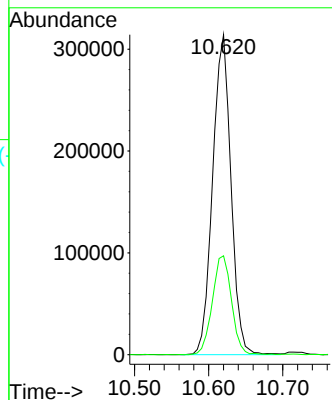
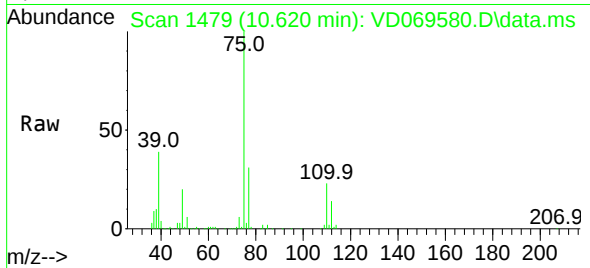
#53  
 t-1,3-Dichloropropene  
 Concen: 52.086 ug/l  
 RT: 10.620 min Scan# 1479  
 Delta R.T. 0.006 min  
 Lab File: VD069580.D  
 Acq: 06 Jul 2021 13:54

Tgt Ion: 75 Resp: 539278  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 26.6 39.8

Instrument :  
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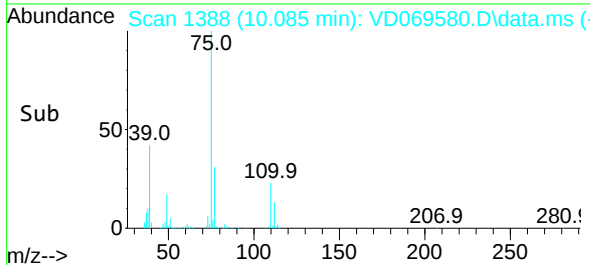
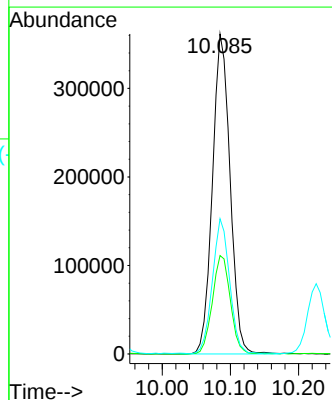
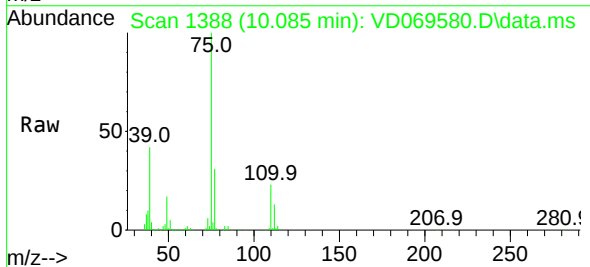
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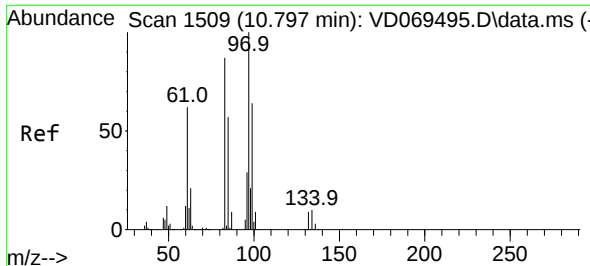
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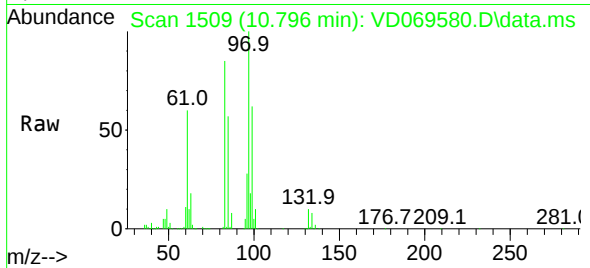
#54  
 cis-1,3-Dichloropropene  
 Concen: 52.348 ug/l  
 RT: 10.085 min Scan# 1388  
 Delta R.T. -0.000 min  
 Lab File: VD069580.D  
 Acq: 06 Jul 2021 13:54

Tgt Ion: 75 Resp: 651762  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 25.7 38.5  
 39 42.2 35.8 53.8

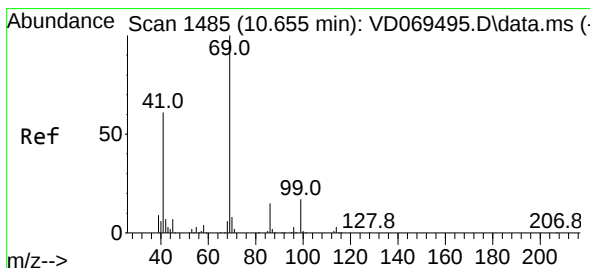
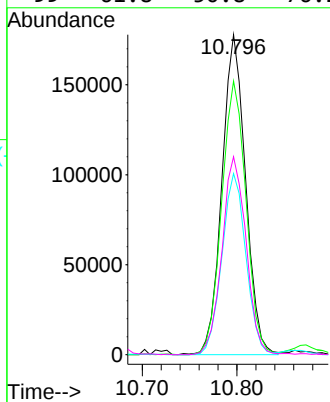
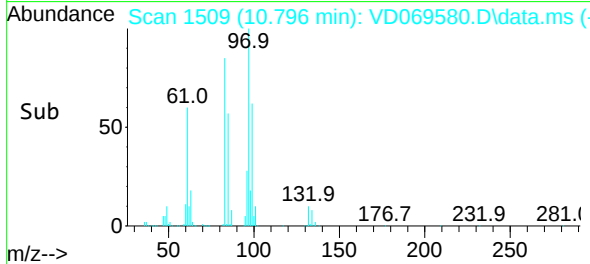




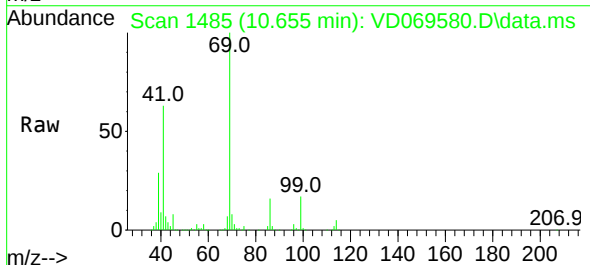
#55  
1,1,2-Trichloroethane  
Concen: 48.887 ug/l  
RT: 10.796 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



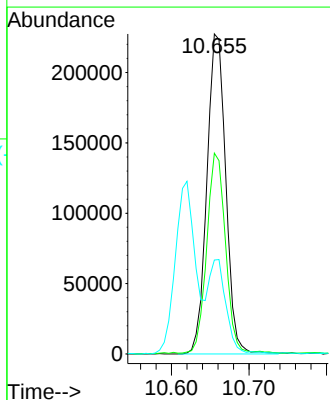
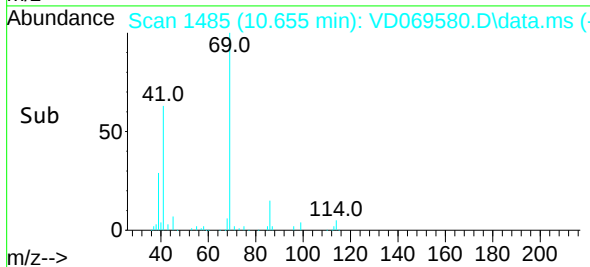
| Tgt Ion: | 97    | Resp: | 307860 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.5  | 69.6  | 104.4  |
| 85       | 56.6  | 45.8  | 68.8   |
| 99       | 61.8  | 50.8  | 76.2   |



#56  
Ethyl methacrylate  
Concen: 51.887 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



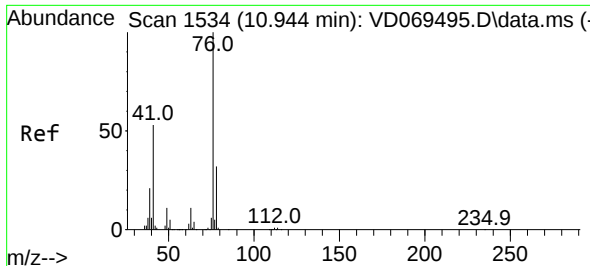
| Tgt Ion: | 69    | Resp: | 384894 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.7  | 49.4  | 74.0   |
| 39       | 25.9  | 26.9  | 40.3   |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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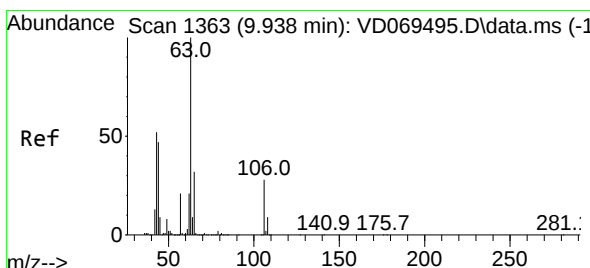
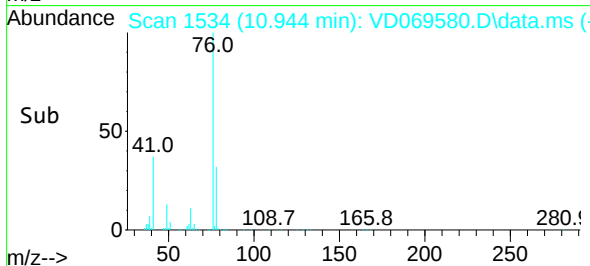
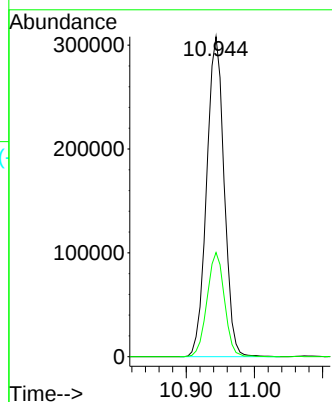
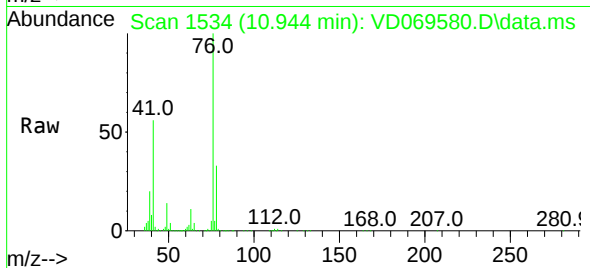
#57  
1,3-Dichloropropane  
Concen: 51.704 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 76 Resp: 550135  
Ion Ratio Lower Upper  
76 100  
78 32.4 26.3 39.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

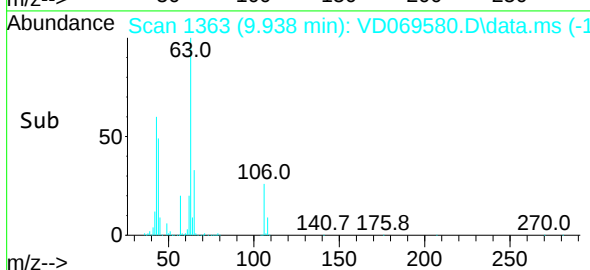
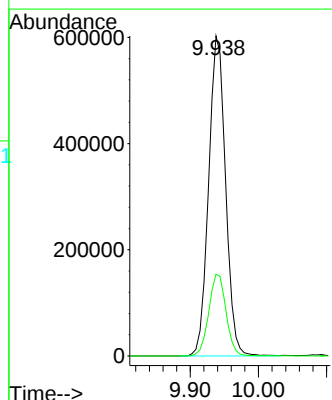
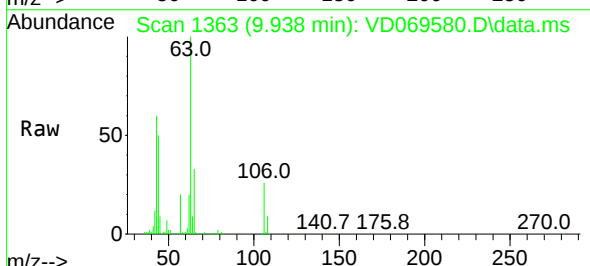
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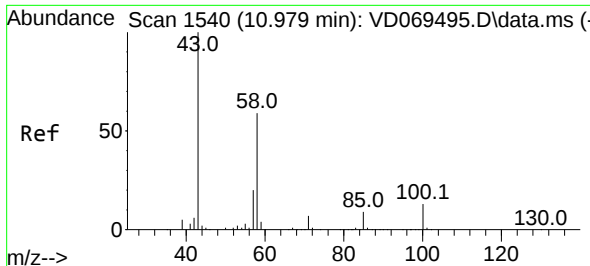
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#58  
2-Chloroethyl Vinyl ether  
Concen: 268.162 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 63 Resp: 1041945  
Ion Ratio Lower Upper  
63 100  
106 26.0 22.2 33.2





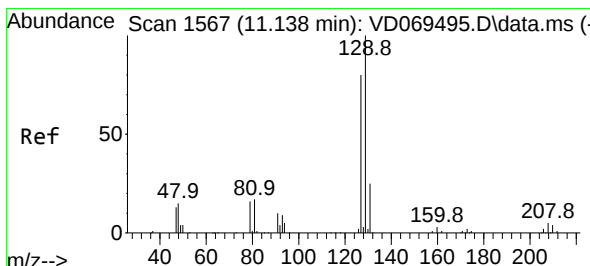
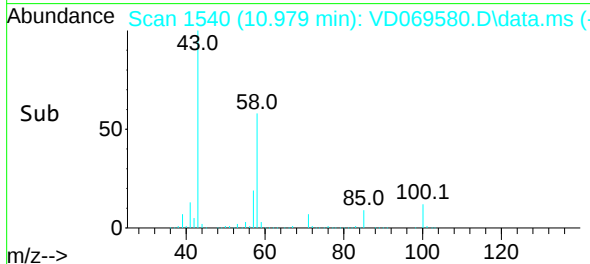
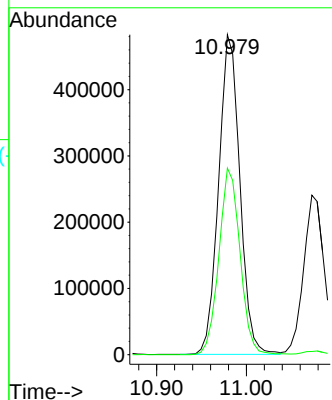
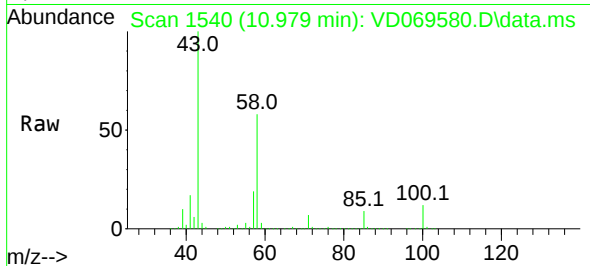
#59  
2-Hexanone  
Concen: 288.056 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 43 Resp: 792895  
Ion Ratio Lower Upper  
43 100  
58 58.1 28.7 86.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

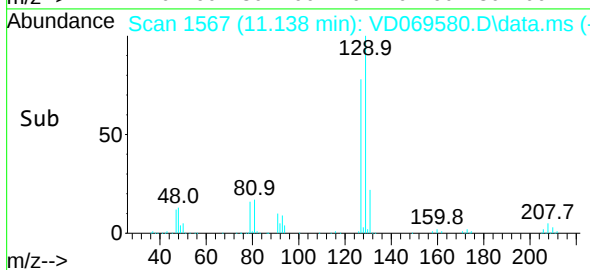
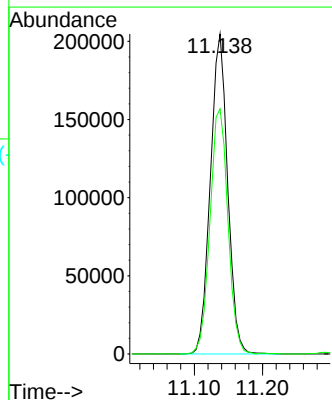
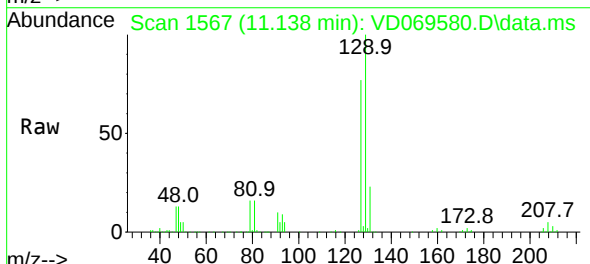
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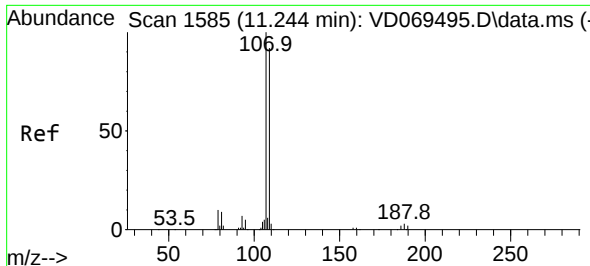
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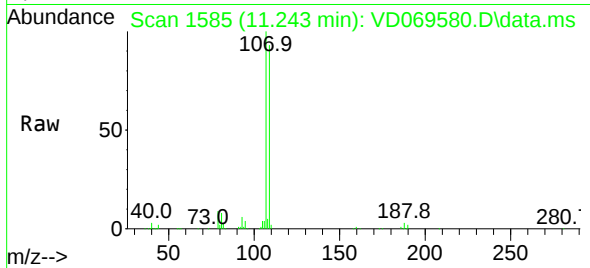
#60  
Dibromochloromethane  
Concen: 48.710 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 129 Resp: 361536  
Ion Ratio Lower Upper  
129 100  
127 79.3 39.0 116.9

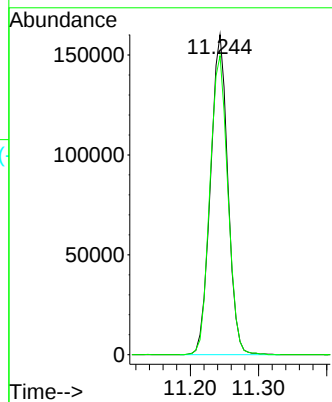
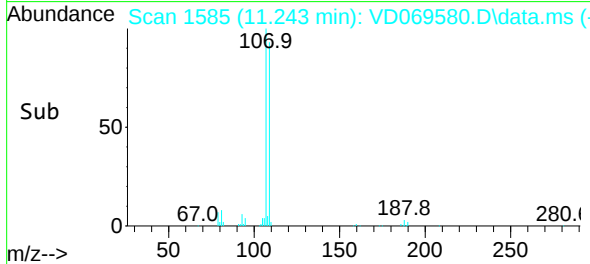




#61  
1,2-Dibromoethane  
Concen: 48.817 ug/l  
RT: 11.243 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



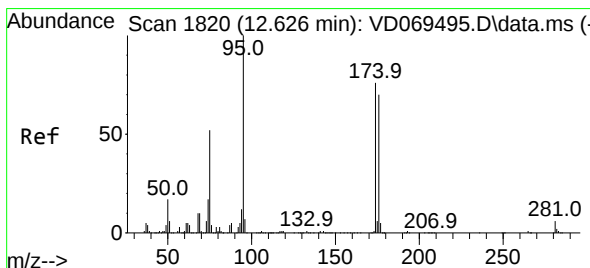
Tgt Ion:107 Resp: 283449  
Ion Ratio Lower Upper  
107 100  
109 96.5 73.8 110.6



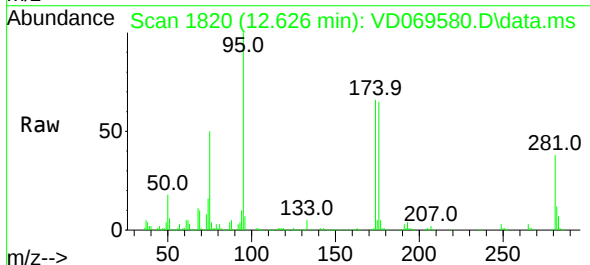
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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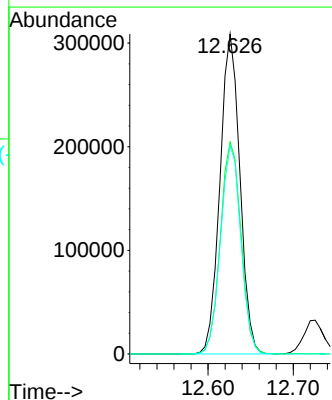
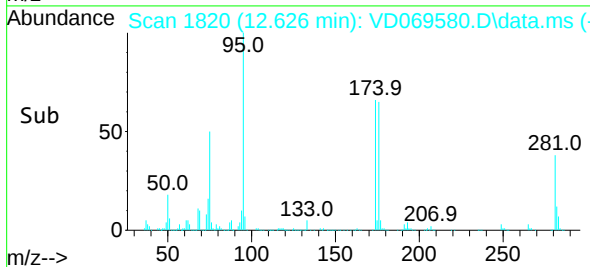
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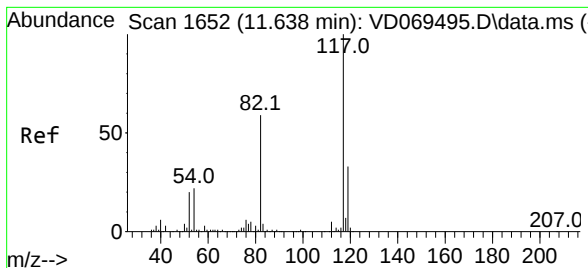


#62  
4-Bromofluorobenzene  
Concen: 51.380 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



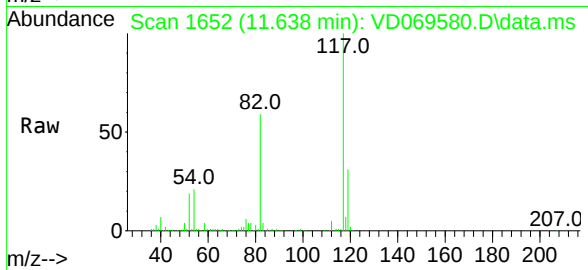
Tgt Ion: 95 Resp: 502109  
Ion Ratio Lower Upper  
95 100  
174 68.5 0.0 148.0  
176 66.4 0.0 139.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

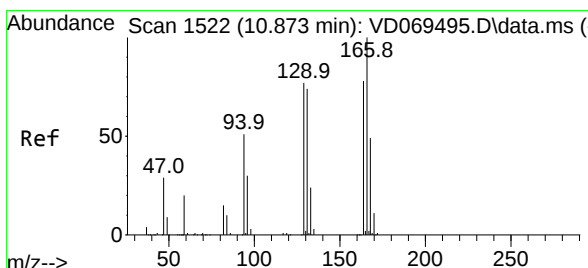
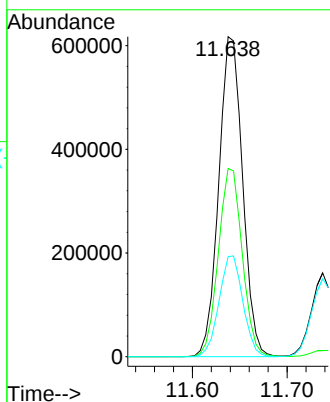
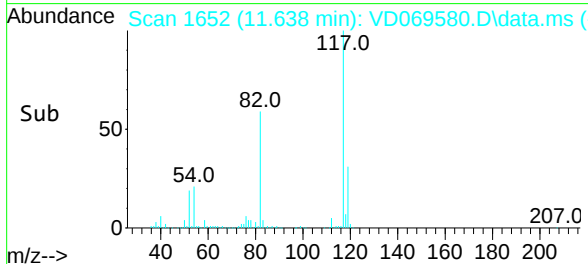
Instrument :  
MSVOA\_D  
ClientSampled :  
VSTDCCC050



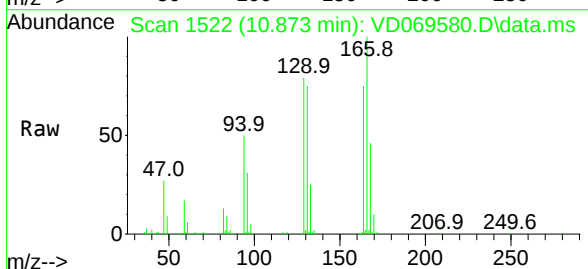
Tgt Ion:117 Resp: 1081741  
Ion Ratio Lower Upper  
117 100  
82 58.8 46.8 70.2  
119 31.3 26.2 39.2

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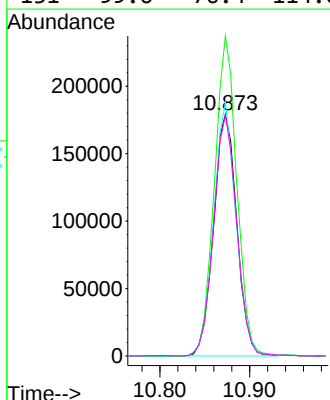
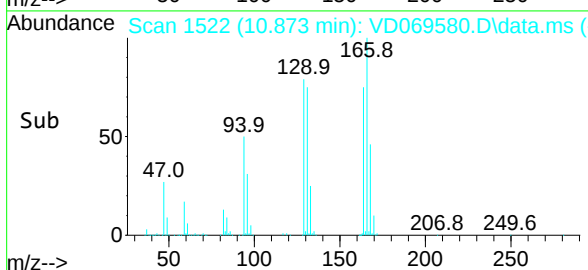
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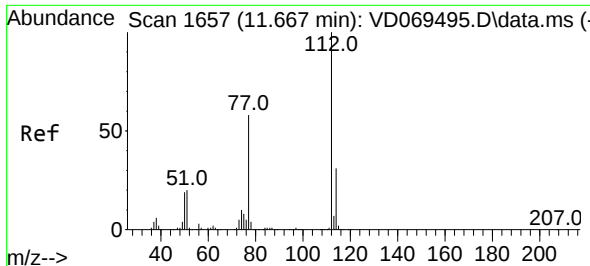


#64  
Tetrachloroethene  
Concen: 47.132 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



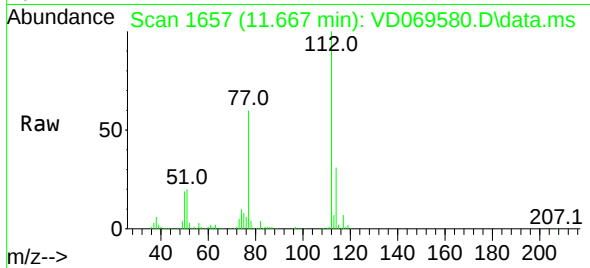
Tgt Ion:164 Resp: 320178  
Ion Ratio Lower Upper  
164 100  
166 132.5 102.6 153.8  
129 105.2 79.1 118.7  
131 99.6 76.4 114.6





#65  
Chlorobenzene  
Concen: 50.239 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

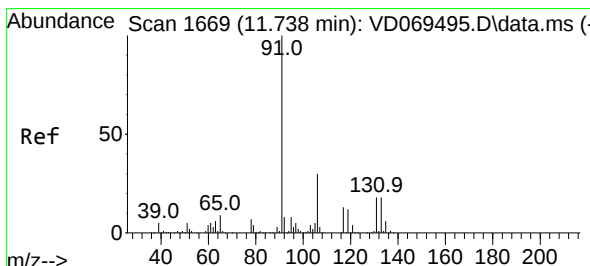
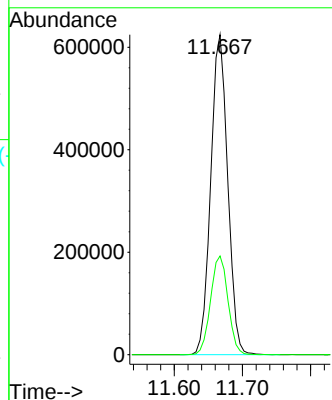
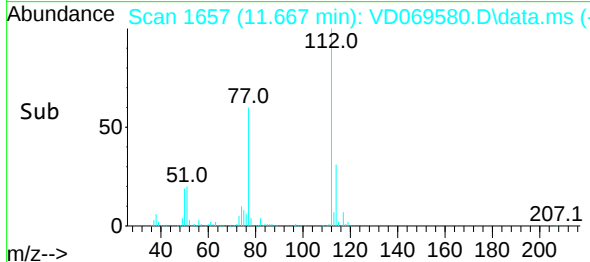
Instrument :  
MSVOA\_D  
ClientSampleId :  
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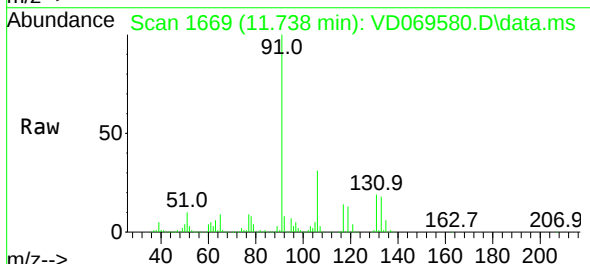
Tgt Ion:112 Resp: 1080887  
Ion Ratio Lower Upper  
112 100  
114 30.8 24.6 37.0

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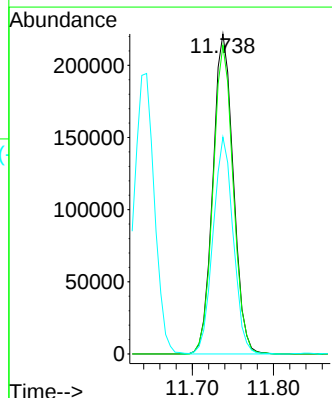
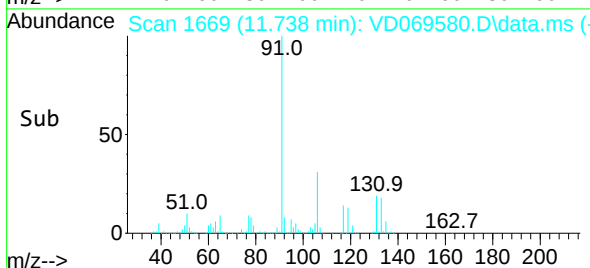
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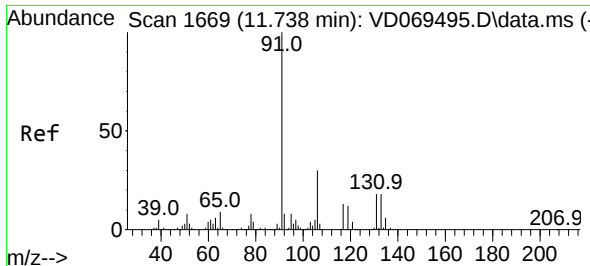


#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.558 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



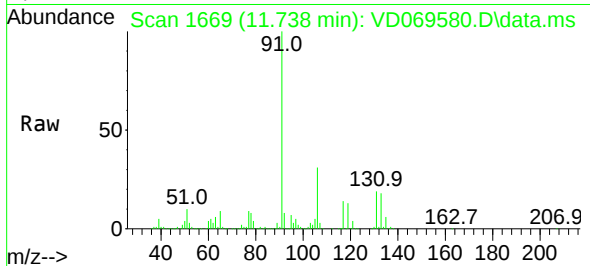
Tgt Ion:131 Resp: 387637  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.8 143.3  
119 66.8 33.4 100.2





#67  
Ethyl Benzene  
Concen: 53.352 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

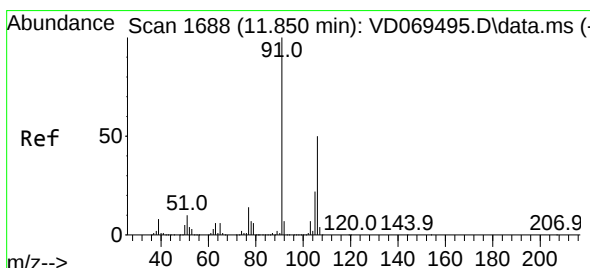
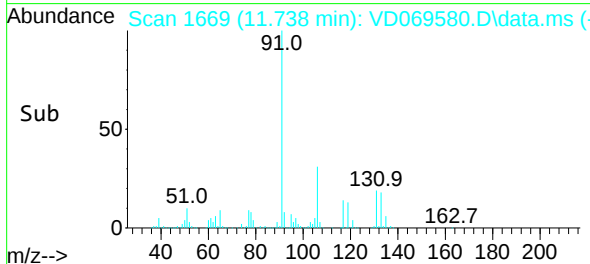
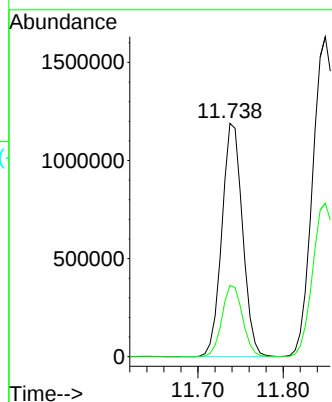
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 91 Resp: 2005128  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.2 36.4

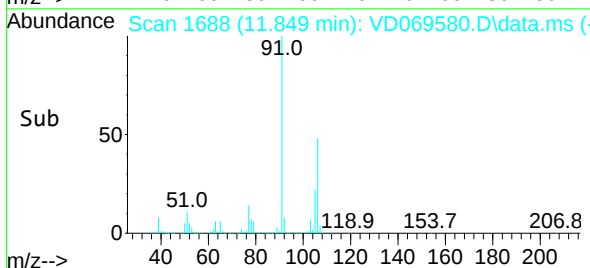
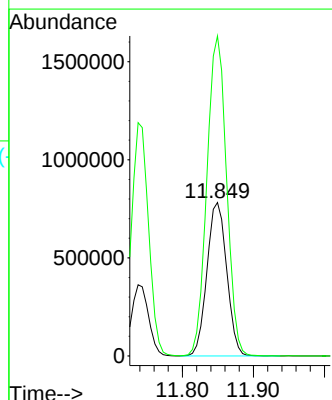
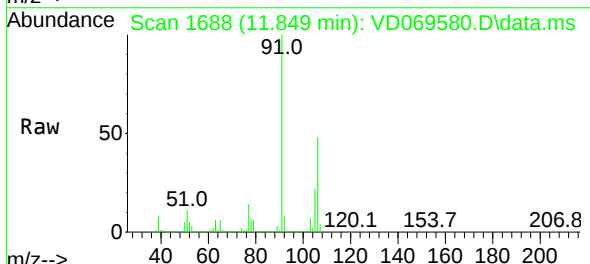
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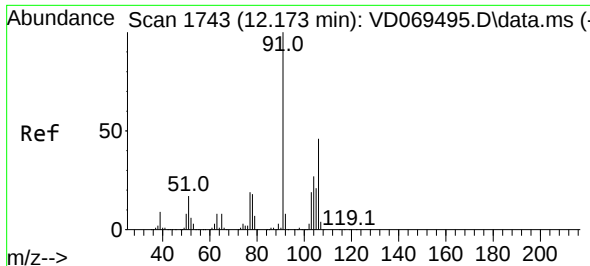
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#68  
m/p-Xylenes  
Concen: 106.771 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion: 106 Resp: 1510918  
Ion Ratio Lower Upper  
106 100  
91 207.2 164.2 246.4





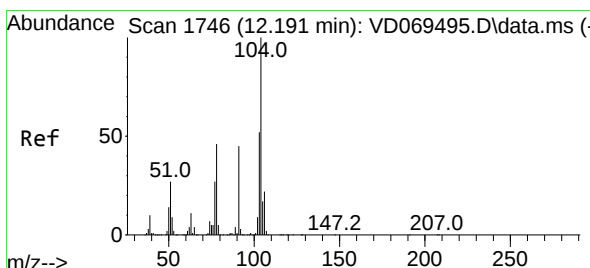
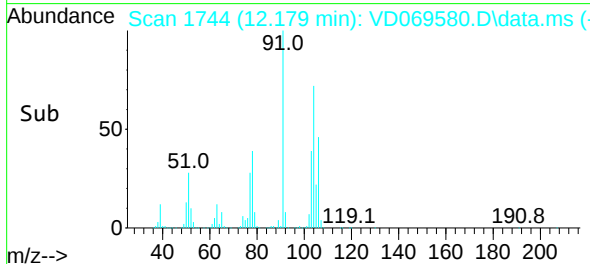
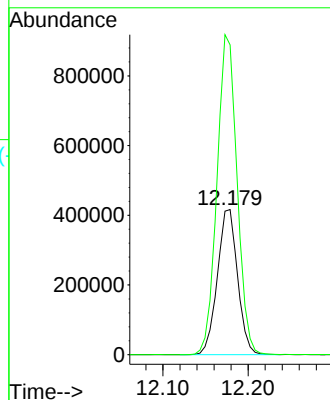
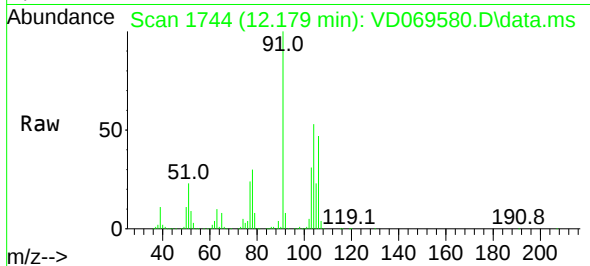
#69  
o-Xylene  
Concen: 54.137 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion:106 Resp: 686735  
Ion Ratio Lower Upper  
106 100  
91 219.3 107.7 323.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

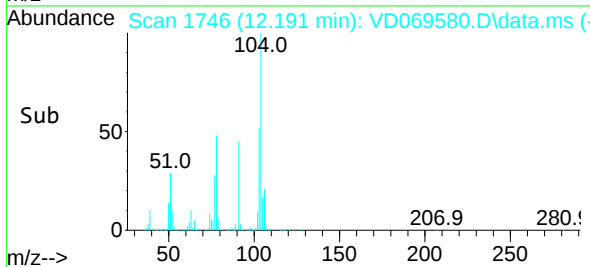
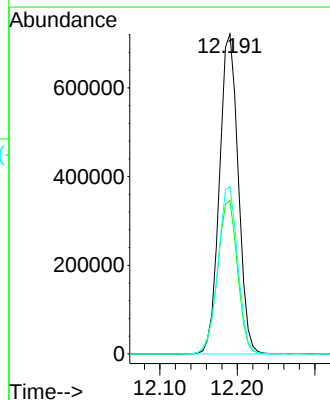
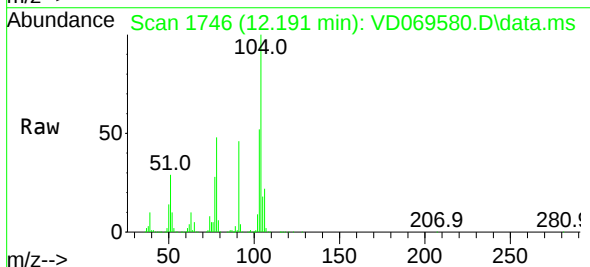
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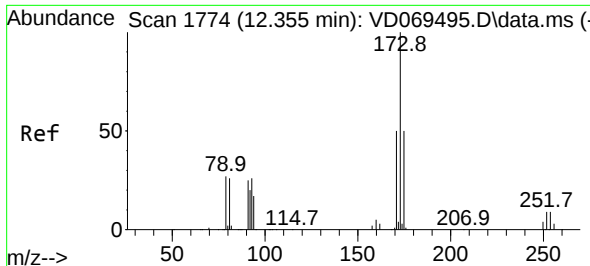
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#70  
Styrene  
Concen: 54.560 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

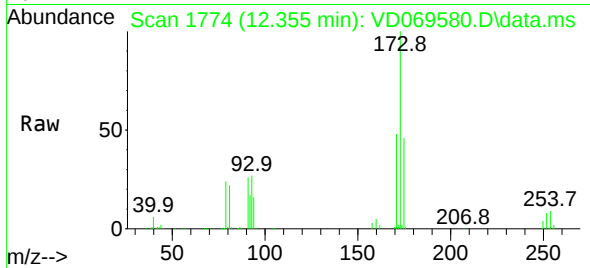
Tgt Ion:104 Resp: 1219068  
Ion Ratio Lower Upper  
104 100  
78 51.2 40.2 60.2  
103 54.9 44.3 66.5





#71  
Bromoform  
Concen: 48.678 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

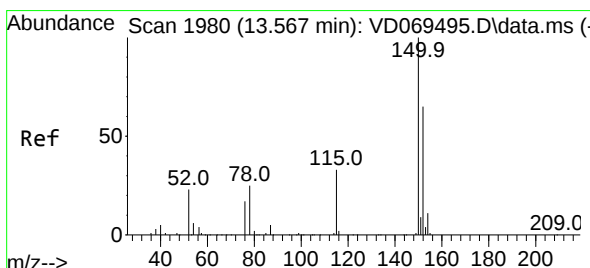
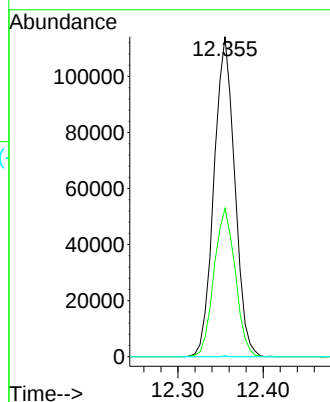
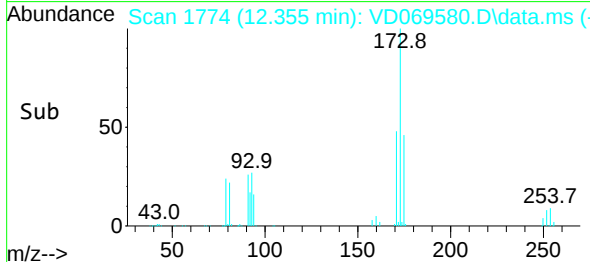
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



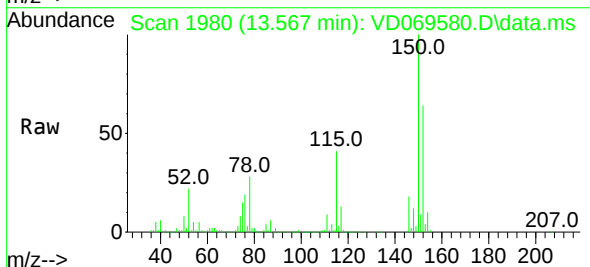
Tgt Ion:173 Resp: 192956  
Ion Ratio Lower Upper  
173 100  
175 47.4 24.6 73.8  
254 0.1 0.1 0.1#

Manual Integrations  
APPROVED

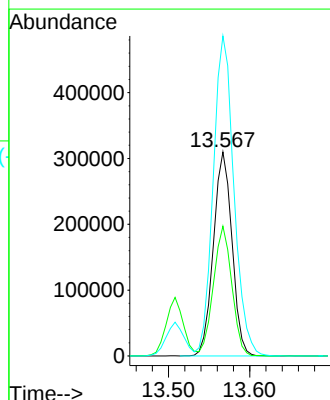
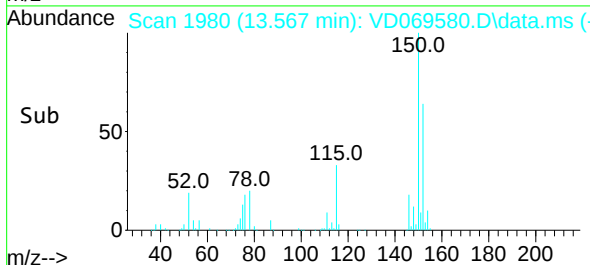
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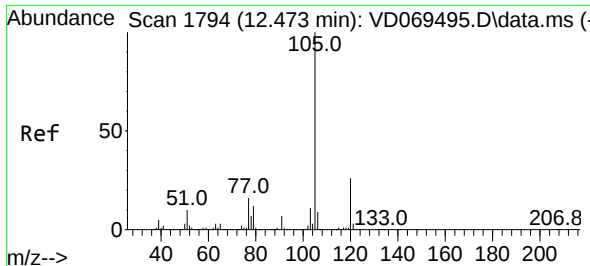


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



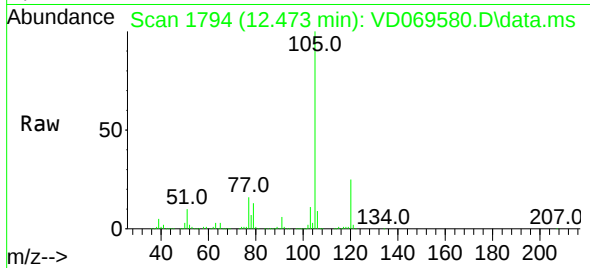
Tgt Ion:152 Resp: 493107  
Ion Ratio Lower Upper  
152 100  
115 62.7 31.7 95.1  
150 174.6 0.0 350.8





#73  
Isopropylbenzene  
Concen: 55.499 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

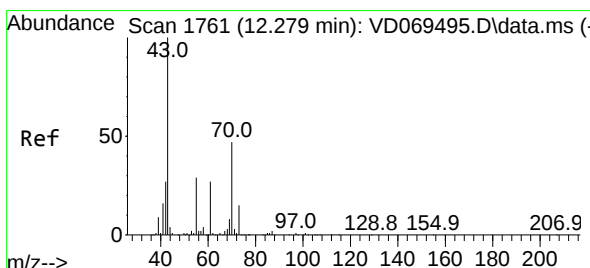
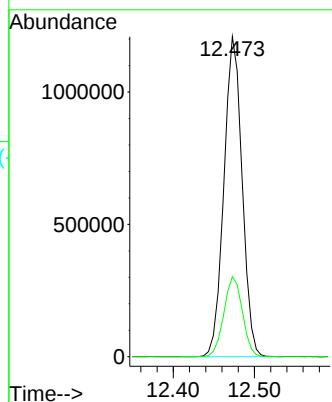
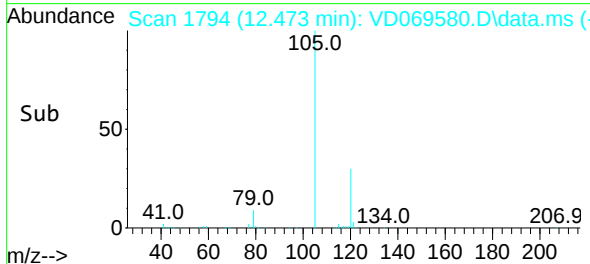
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



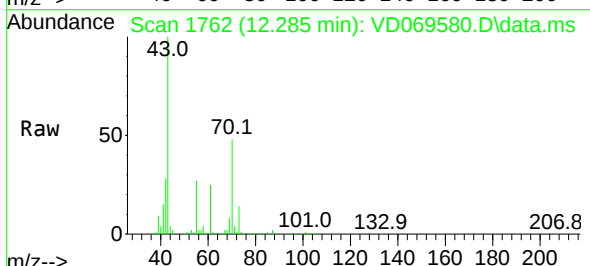
Tgt Ion: 105 Resp: 1885557  
Ion Ratio Lower Upper  
105 100  
120 25.4 12.9 38.6

Manual Integrations  
APPROVED

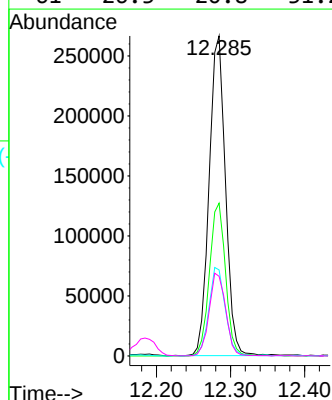
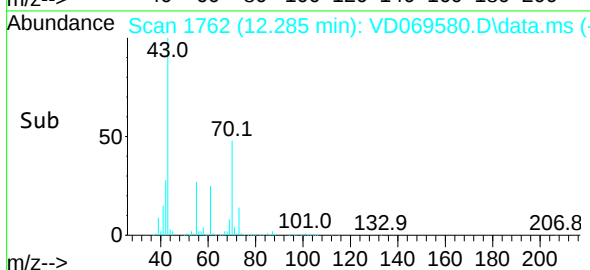
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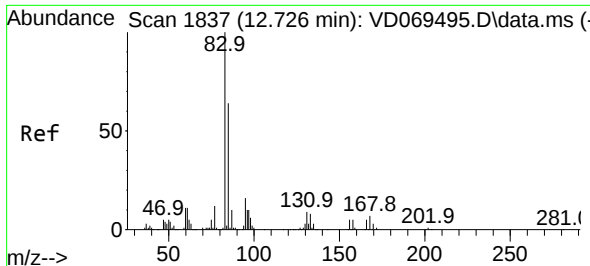


#74  
N-ethyl acetate  
Concen: 59.174 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. 0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



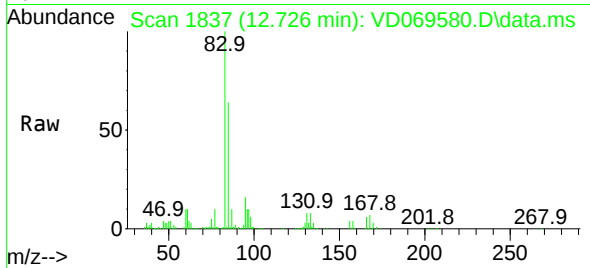
Tgt Ion: 43 Resp: 408175  
Ion Ratio Lower Upper  
43 100  
70 47.4 38.1 57.1  
55 27.8 24.1 36.1  
61 26.3 20.8 31.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.180 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

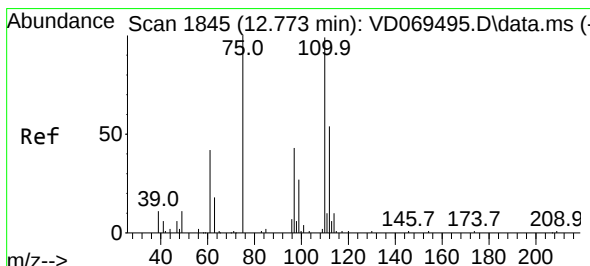
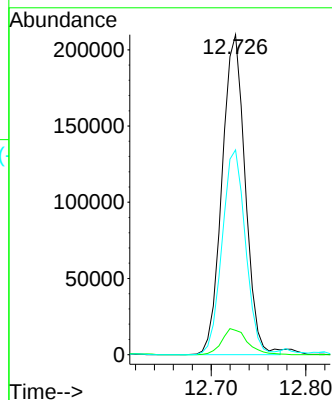
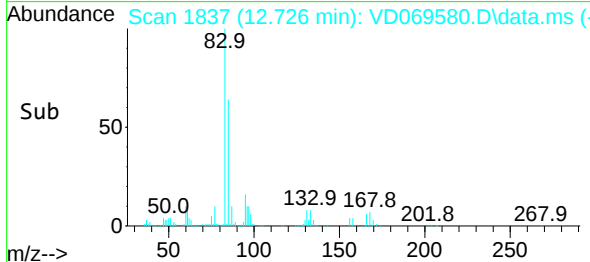
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



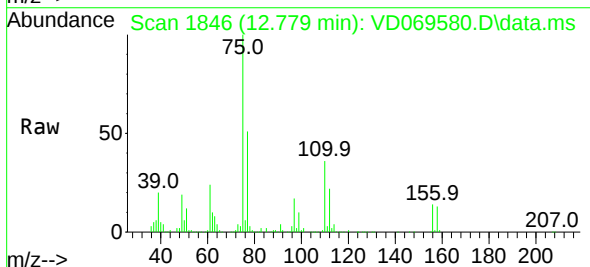
Tgt Ion: 83 Resp: 356077  
Ion Ratio Lower Upper  
83 100  
131 8.9 4.9 14.6  
85 64.8 31.7 95.1

Manual Integrations  
APPROVED

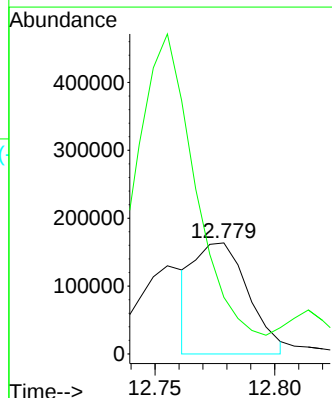
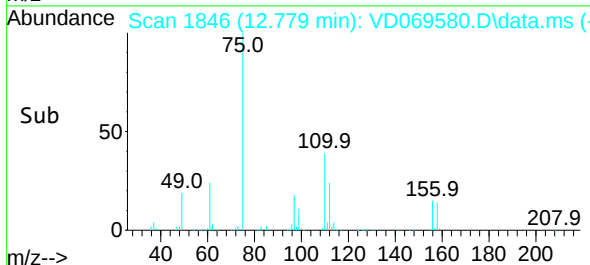
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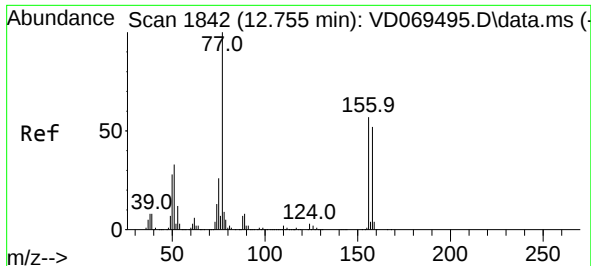


#76  
1,2,3-Trichloropropane  
Concen: 53.150 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. 0.006 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



Tgt Ion: 75 Resp: 257272  
Ion Ratio Lower Upper  
75 100  
77 0.0 162.6 487.8#





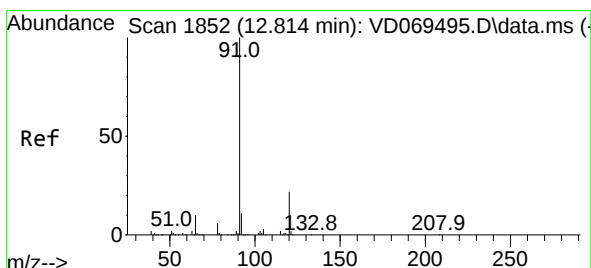
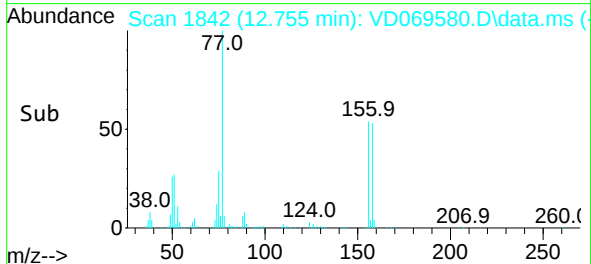
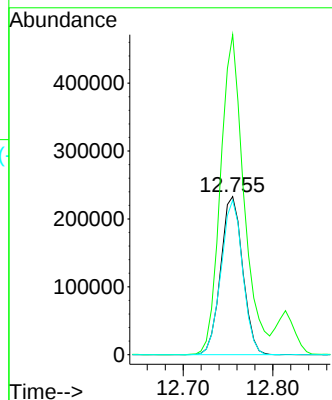
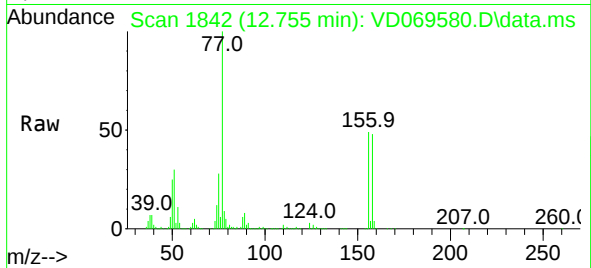
#77  
Bromobenzene  
Concen: 51.340 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion:156 Resp: 396083  
Ion Ratio Lower Upper  
156 100  
77 215.8 100.8 302.6  
158 96.0 47.4 142.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

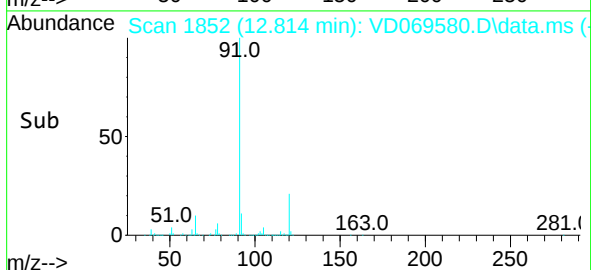
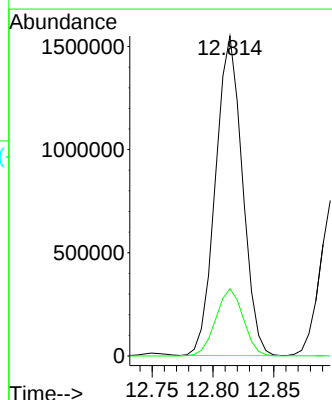
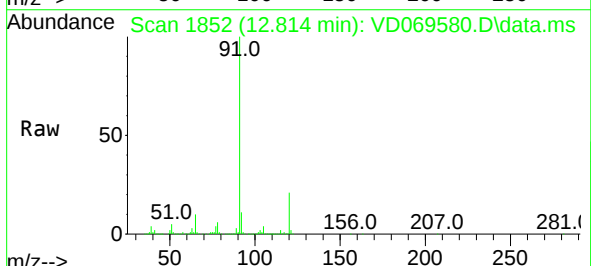
Manual Integrations  
APPROVED

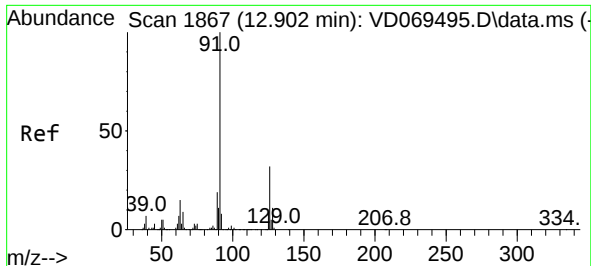
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#78  
n-propylbenzene  
Concen: 55.717 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

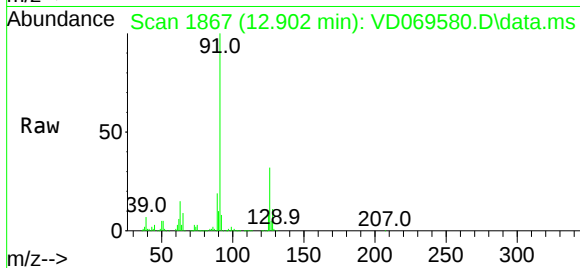
Tgt Ion: 91 Resp: 2375898  
Ion Ratio Lower Upper  
91 100  
120 21.5 10.9 32.9





#79  
2-Chlorotoluene  
Concen: 54.443 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

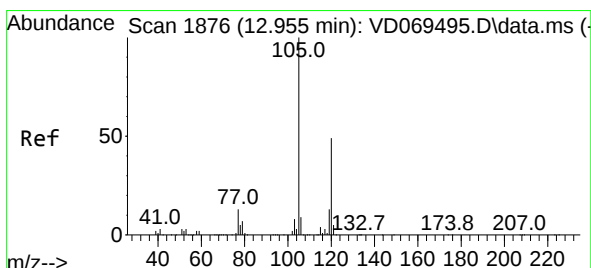
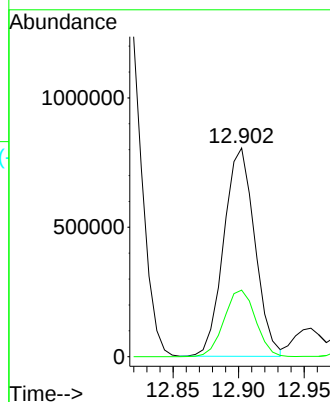
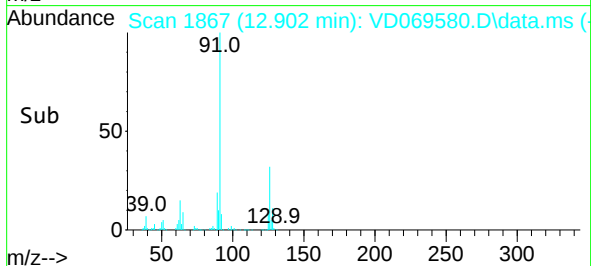
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



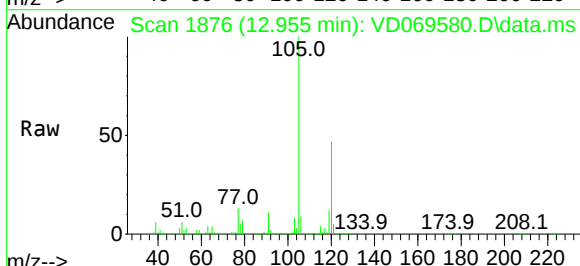
Tgt Ion: 91 Resp: 1326308  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.2 48.6

Manual Integrations  
APPROVED

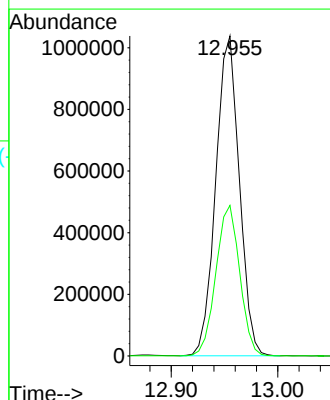
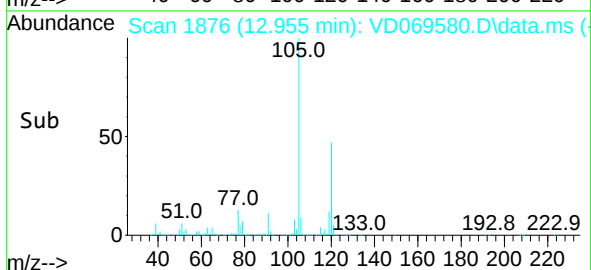
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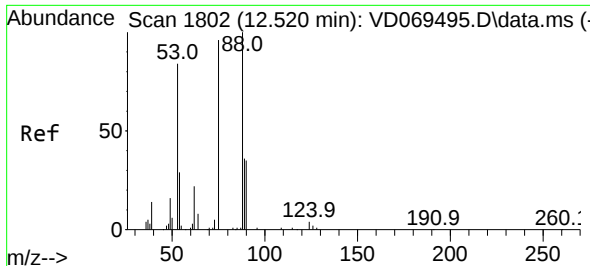


#80  
1,3,5-Trimethylbenzene  
Concen: 55.657 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

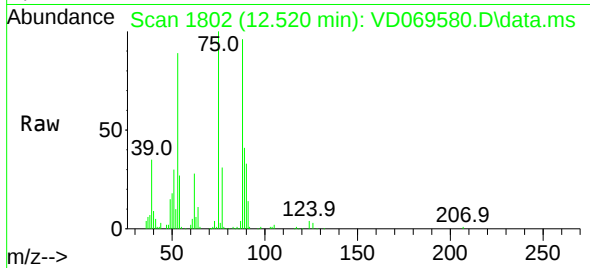


Tgt Ion: 105 Resp: 1591314  
Ion Ratio Lower Upper  
105 100  
120 47.7 23.6 70.8

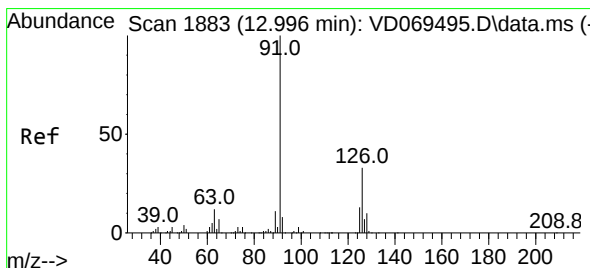
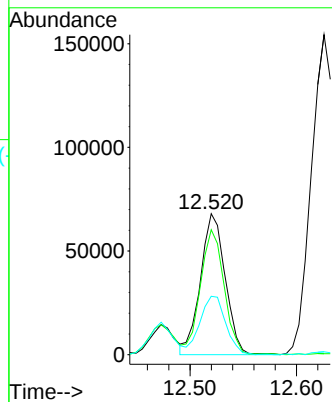
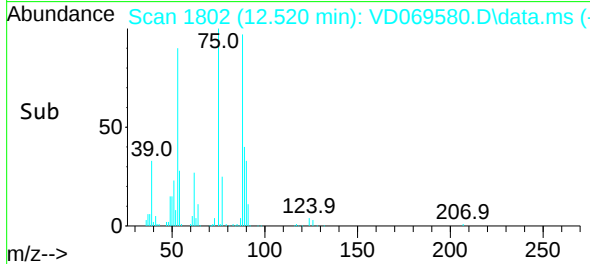




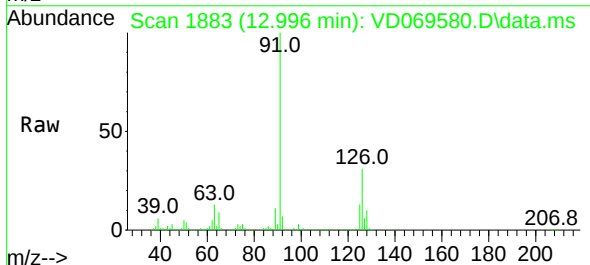
#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.746 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



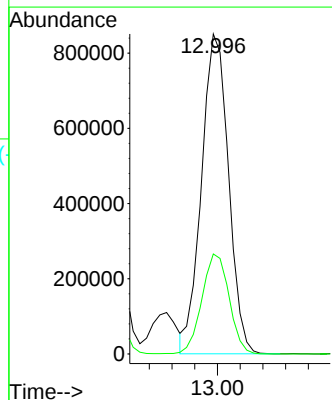
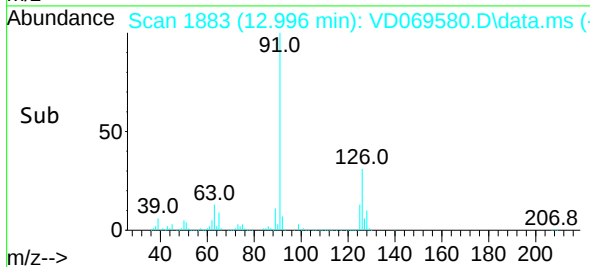
Tgt Ion: 75 Resp: 110009  
Ion Ratio Lower Upper  
75 100  
53 84.4 74.6 112.0  
89 42.8 35.3 52.9



#82  
4-Chlorotoluene  
Concen: 53.723 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



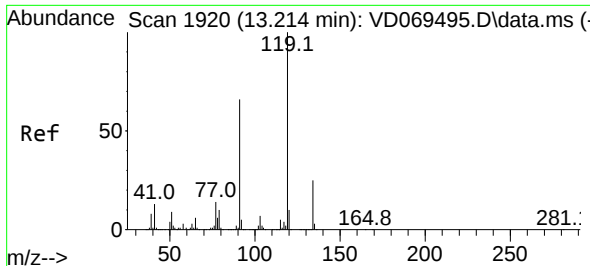
Tgt Ion: 91 Resp: 1403183  
Ion Ratio Lower Upper  
91 100  
126 31.6 16.2 48.5



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

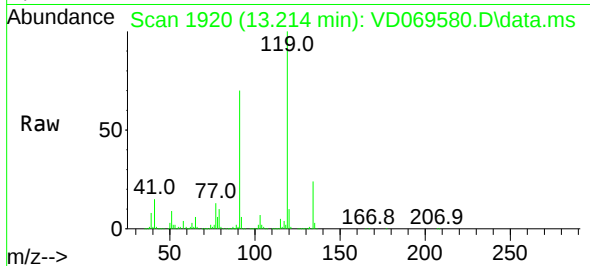
Manual Integrations  
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#83  
tert-Butylbenzene  
Concen: 51.984 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

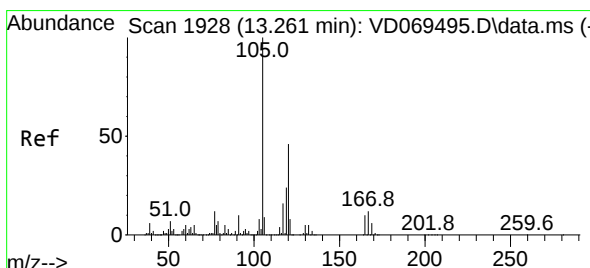
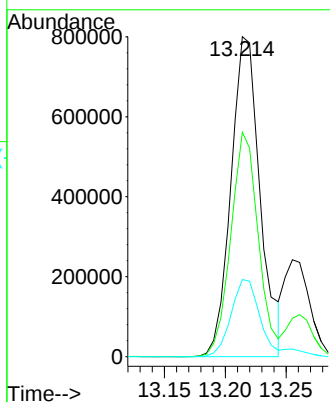
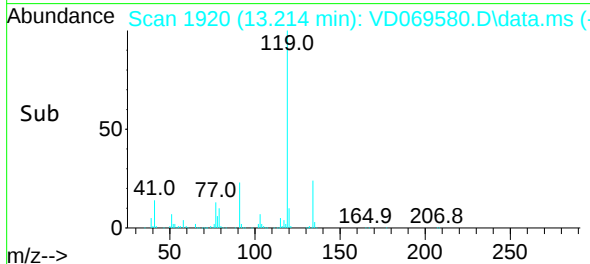
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



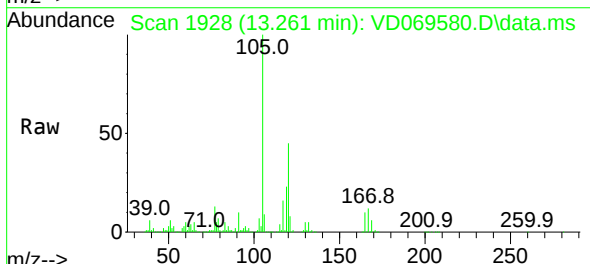
Tgt Ion:119 Resp: 1333230  
Ion Ratio Lower Upper  
119 100  
91 66.1 32.5 97.4  
134 25.4 12.9 38.7

Manual Integrations  
APPROVED

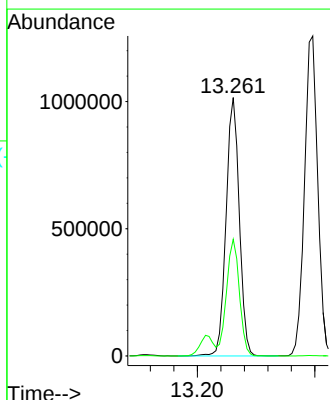
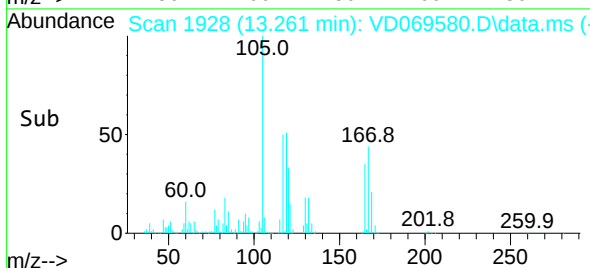
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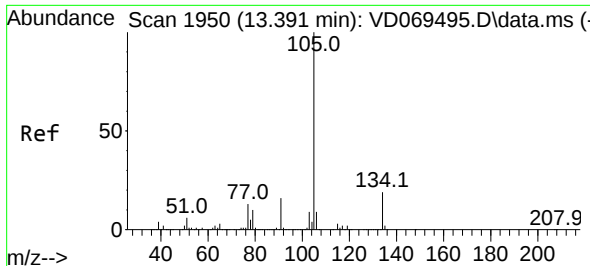


#84  
1,2,4-Trimethylbenzene  
Concen: 55.721 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



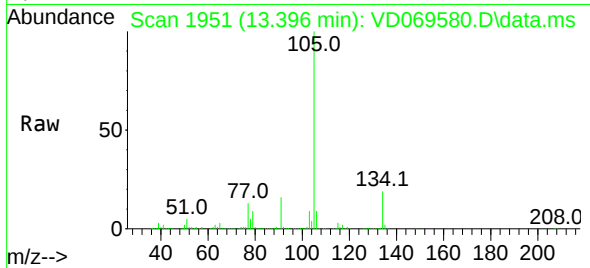
Tgt Ion:105 Resp: 1583749  
Ion Ratio Lower Upper  
105 100  
120 44.2 22.6 67.8





#85  
 sec-Butylbenzene  
 Concen: 55.072 ug/l  
 RT: 13.396 min Scan# 1951  
 Delta R.T. 0.006 min  
 Lab File: VD069580.D  
 Acq: 06 Jul 2021 13:54

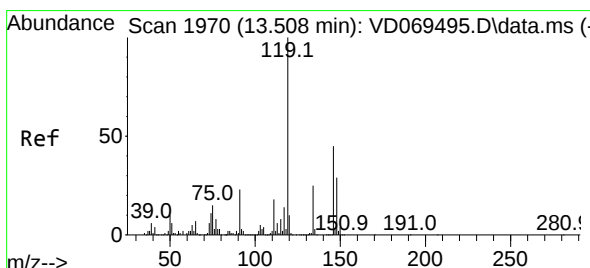
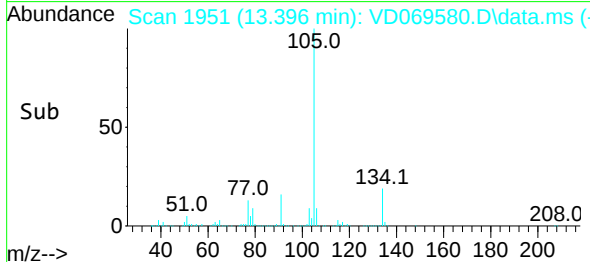
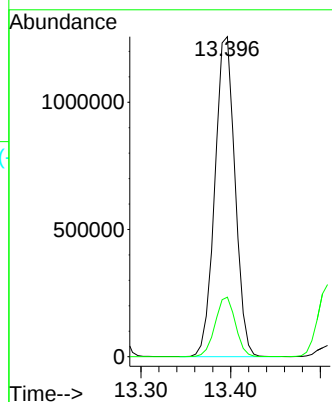
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050



Tgt Ion:105 Resp: 1963193  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.5 28.5

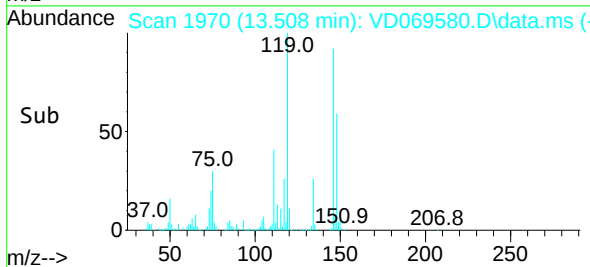
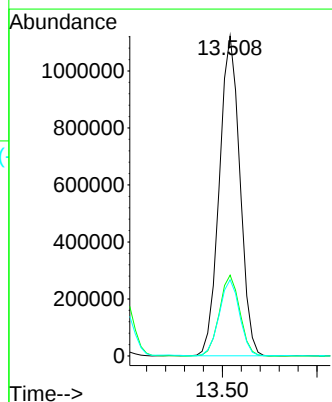
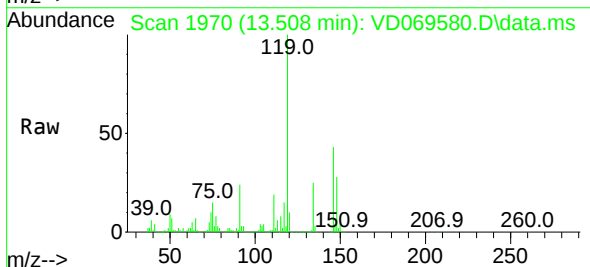
Manual Integrations  
 APPROVED

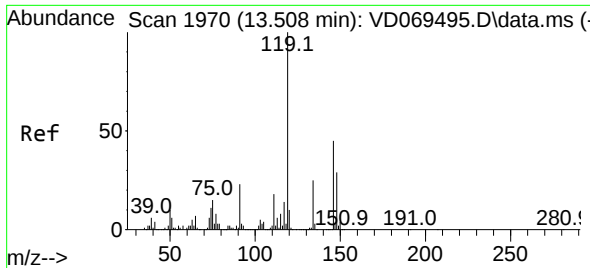
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#86  
 p-Isopropyltoluene  
 Concen: 56.386 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. -0.000 min  
 Lab File: VD069580.D  
 Acq: 06 Jul 2021 13:54

Tgt Ion:119 Resp: 1691945  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 12.6 37.6  
 91 23.4 11.8 35.4





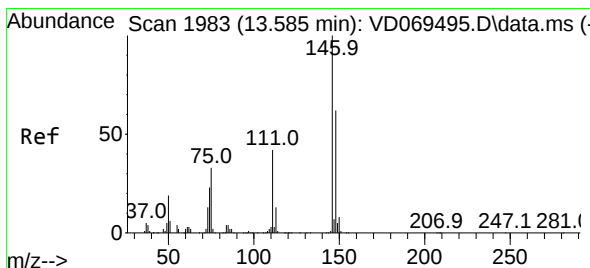
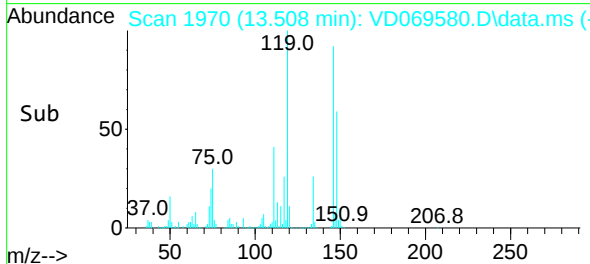
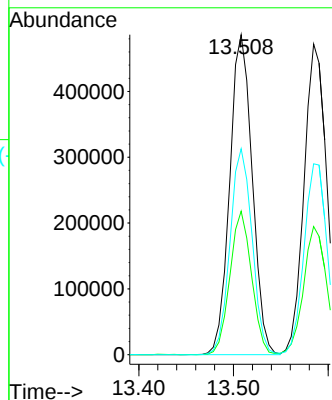
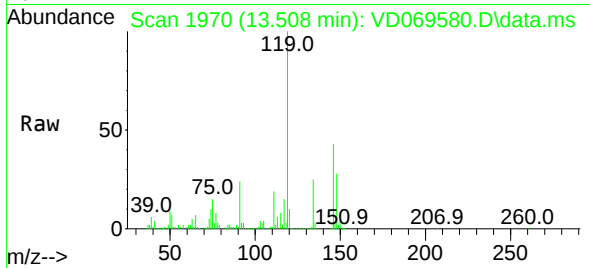
#87  
1,3-Dichlorobenzene  
Concen: 50.740 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

Tgt Ion:146 Resp: 801721  
Ion Ratio Lower Upper  
146 100  
111 43.2 21.1 63.1  
148 63.2 31.6 94.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

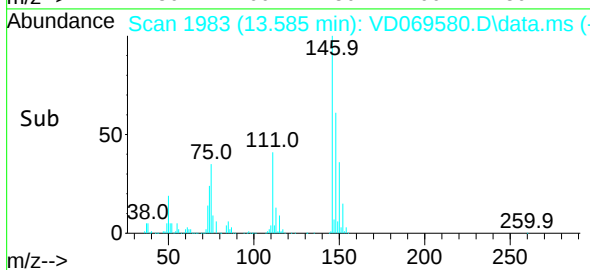
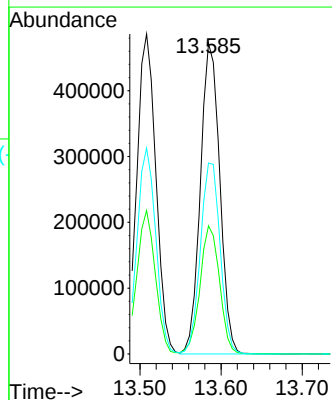
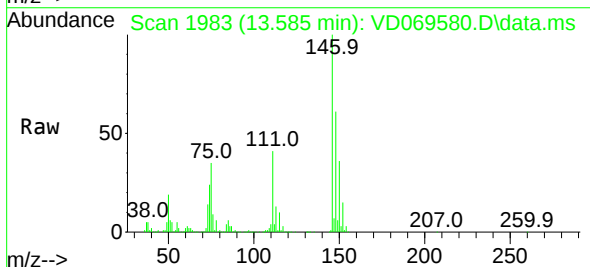
Manual Integrations  
APPROVED

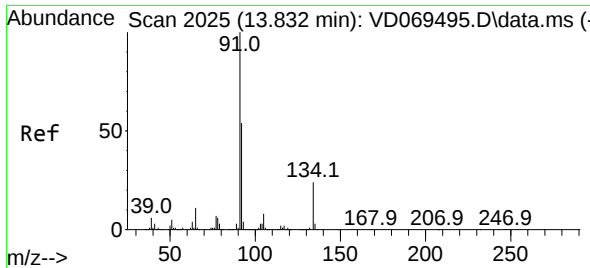
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#88  
1,4-Dichlorobenzene  
Concen: 49.793 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
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Tgt Ion:146 Resp: 783824  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.7 62.1  
148 62.7 31.6 94.7





#89  
n-Butylbenzene  
Concen: 55.909 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54

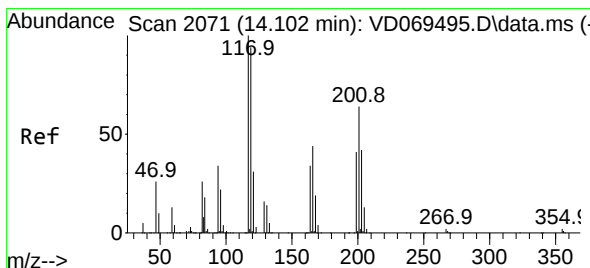
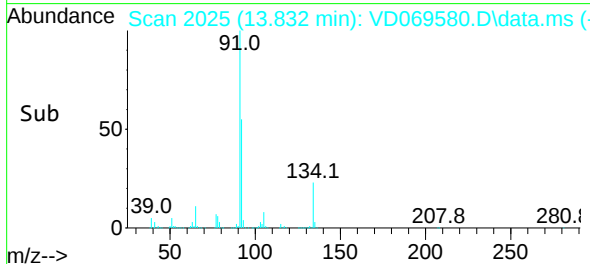
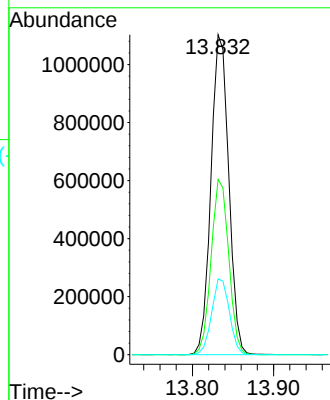
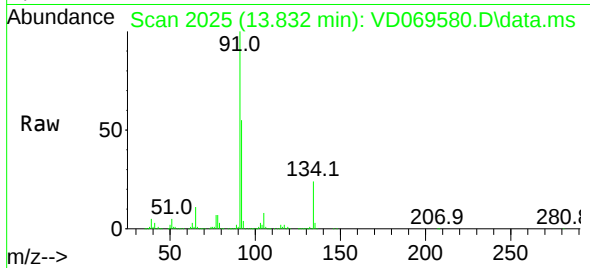
Tgt Ion: 91 Resp: 1673526

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.4  | 26.5  | 79.5  |
| 134 | 23.6  | 11.9  | 35.9  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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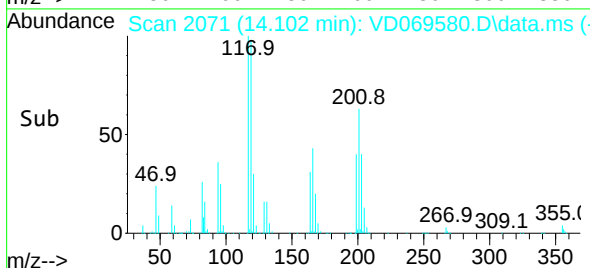
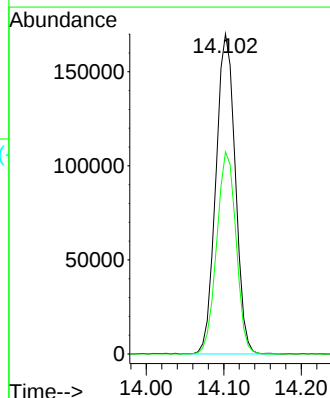
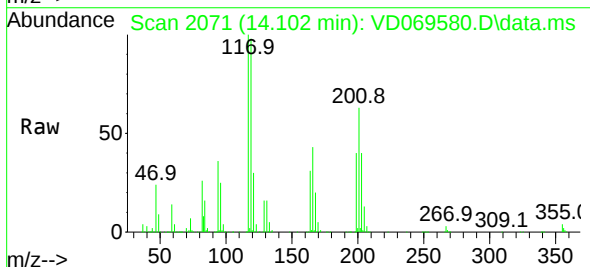
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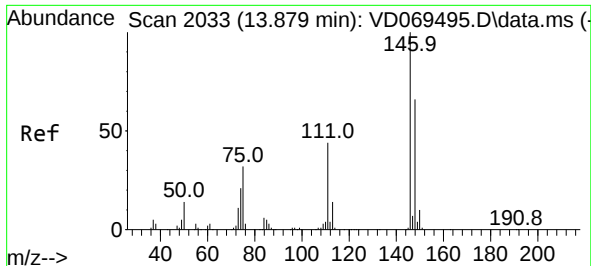


#90  
Hexachloroethane  
Concen: 50.381 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
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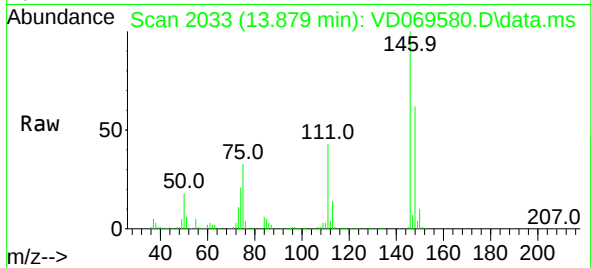
Tgt Ion: 117 Resp: 295509

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 63.1  | 33.1  | 99.2  |

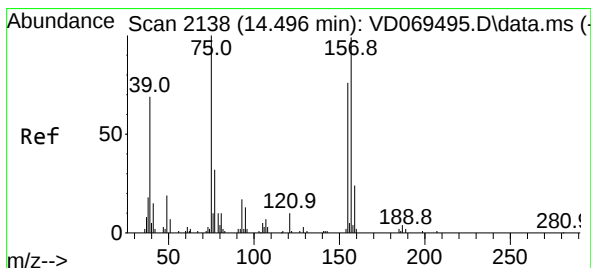
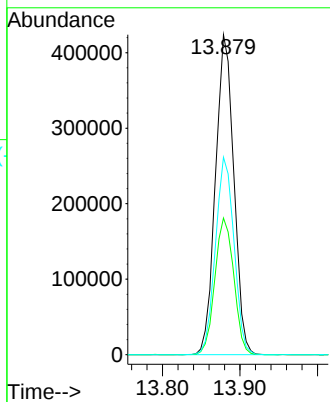
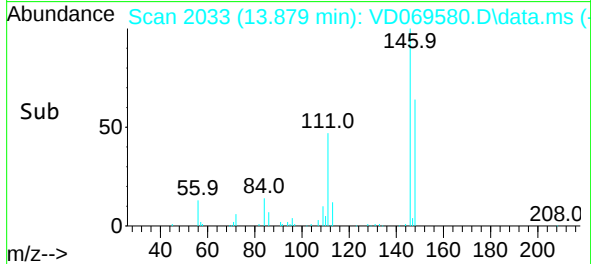




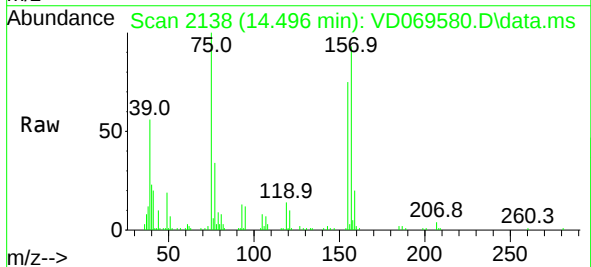
#91  
1,2-Dichlorobenzene  
Concen: 51.021 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



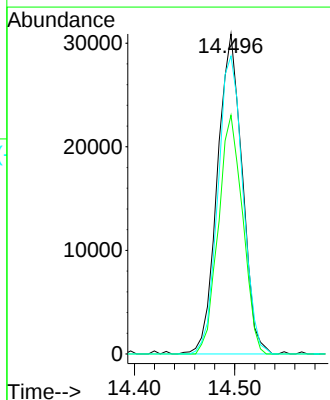
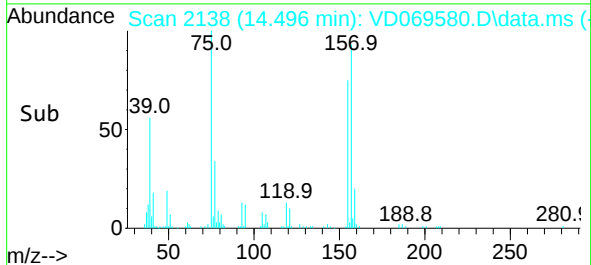
Tgt Ion:146 Resp: 697397  
Ion Ratio Lower Upper  
146 100  
111 43.9 21.8 65.4  
148 62.4 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.219 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
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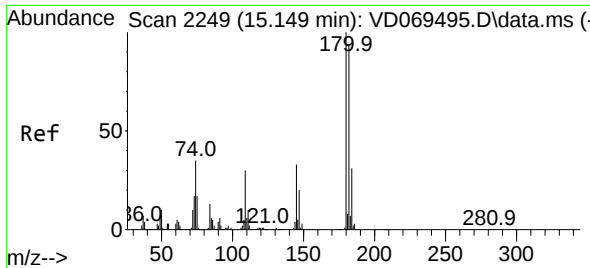
Tgt Ion: 75 Resp: 53033  
Ion Ratio Lower Upper  
75 100  
155 73.0 39.4 118.1  
157 93.3 51.2 153.6



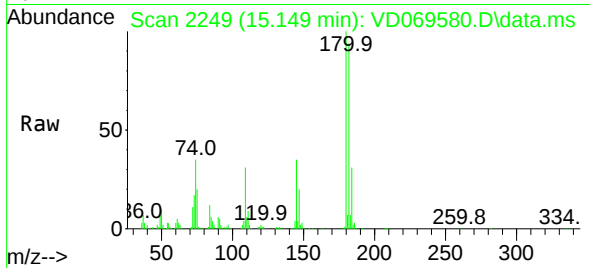
Instrument :  
MSVOA\_D  
ClientSampleId :  
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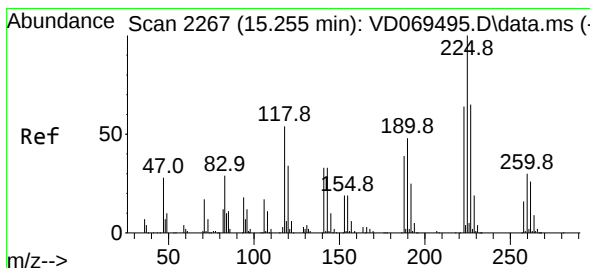
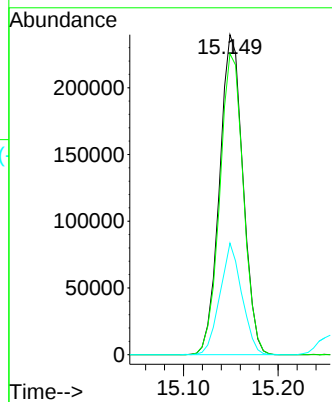
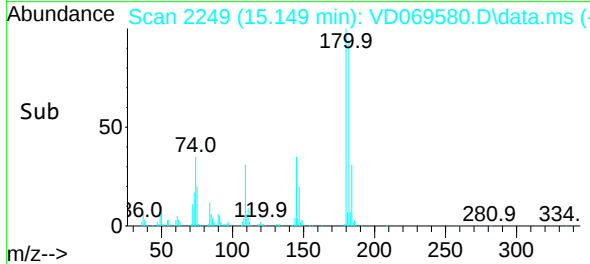
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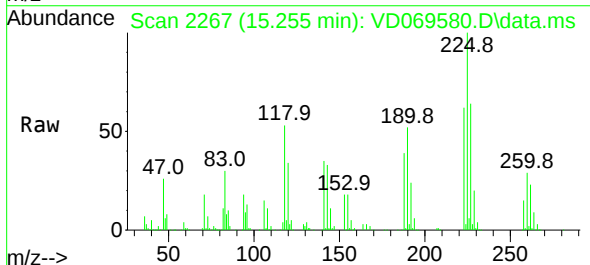
#93  
1,2,4-Trichlorobenzene  
Concen: 53.980 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



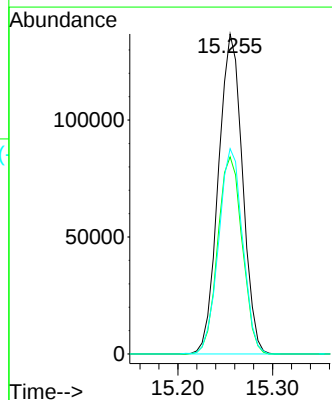
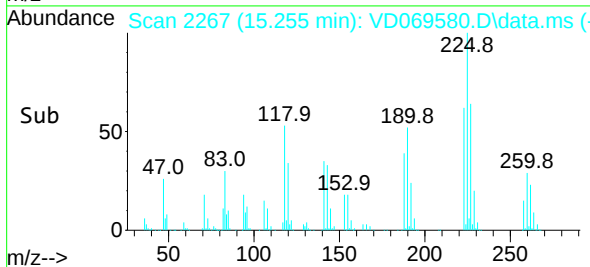
Tgt Ion:180 Resp: 411595  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.2 141.6  
145 32.7 16.1 48.2



#94  
Hexachlorobutadiene  
Concen: 50.519 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



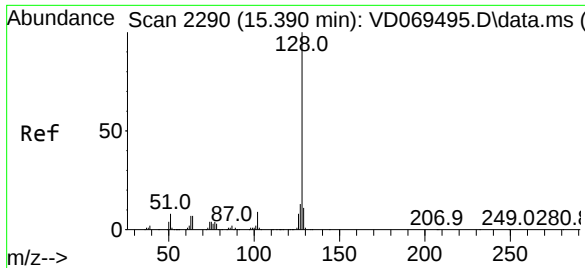
Tgt Ion:225 Resp: 241693  
Ion Ratio Lower Upper  
225 100  
223 62.7 31.4 94.2  
227 64.0 31.8 95.3



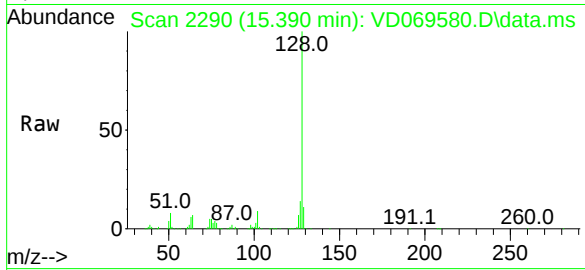
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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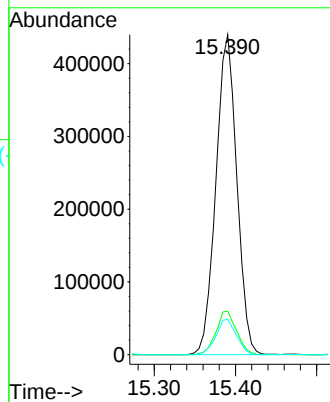
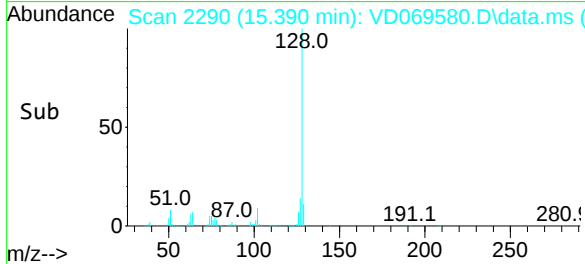
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#95  
Naphthalene  
Concen: 51.153 ug/l  
RT: 15.390 min Scan# 2290  
Delta R.T. 0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



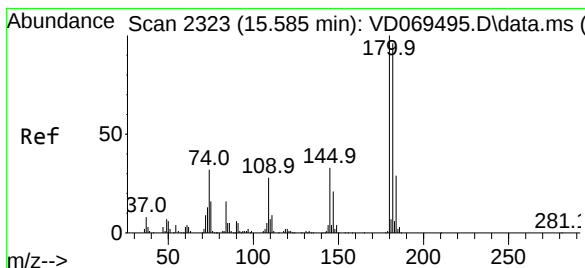
Tgt Ion:128 Resp: 787054  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.6 16.0  
129 10.9 8.7 13.1



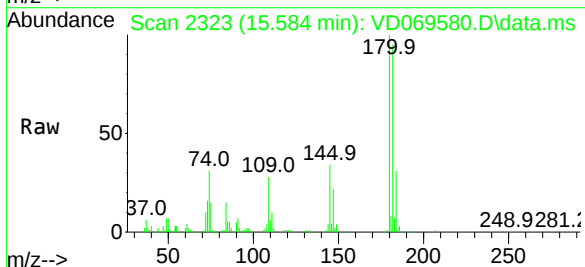
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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#96  
1,2,3-Trichlorobenzene  
Concen: 53.881 ug/l  
RT: 15.584 min Scan# 2323  
Delta R.T. -0.000 min  
Lab File: VD069580.D  
Acq: 06 Jul 2021 13:54



Tgt Ion:180 Resp: 362131  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.6 142.8  
145 36.0 17.1 51.2

