

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD040721\  
 Data File : VD068777.D  
 Acq On : 07 Apr 2021 12:06  
 Operator : VA/SY  
 Sample : VSTDICC100  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
 APPROVED

MMDadoda  
 4/8/2021 3:08:17 PM

Quant Time: Apr 07 12:25:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 07 12:04:11 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 286143   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 474788   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.644 | 117  | 457105   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.567 | 152  | 220333   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 293838   | 102.19   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 204.38%# |
| 35) Dibromofluoromethane    | 7.920  | 113   | 309121   | 104.90   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 209.80%# |
| 50) Toluene-d8              | 10.338 | 98    | 1226865  | 108.60   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 217.20%# |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 399866   | 108.38   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 216.76%# |

|                              |       |     |         |        |          |
|------------------------------|-------|-----|---------|--------|----------|
| Target Compounds             |       |     |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 265609  | 113.64 | ug/l 99  |
| 3) Chloromethane             | 2.209 | 50  | 312620  | 109.68 | ug/l 99  |
| 4) Vinyl Chloride            | 2.350 | 62  | 403586  | 118.49 | ug/l 100 |
| 5) Bromomethane              | 2.750 | 94  | 289835  | 114.97 | ug/l 98  |
| 6) Chloroethane              | 2.915 | 64  | 263425  | 117.93 | ug/l 99  |
| 7) Trichlorofluoromethane    | 3.274 | 101 | 465088  | 115.34 | ug/l 99  |
| 8) Diethyl Ether             | 3.709 | 74  | 137146  | 121.46 | ug/l 95  |
| 9) 1,1,2-Trichlorotrifluo... | 4.097 | 101 | 289635  | 117.90 | ug/l 99  |
| 10) Methyl Iodide            | 4.303 | 142 | 371779  | 145.54 | ug/l 99  |
| 11) Tert butyl alcohol       | 5.226 | 59  | 75437   | 541.73 | ug/l 97  |
| 12) 1,1-Dichloroethene       | 4.073 | 96  | 285201  | 120.37 | ug/l 96  |
| 13) Acrolein                 | 3.926 | 56  | 51600   | 414.85 | ug/l 95  |
| 14) Allyl chloride           | 4.715 | 41  | 331319  | 116.43 | ug/l 98  |
| 15) Acrylonitrile            | 5.426 | 53  | 283565  | 529.86 | ug/l 97  |
| 16) Acetone                  | 4.156 | 43  | 195690  | 538.09 | ug/l 99  |
| 17) Carbon Disulfide         | 4.409 | 76  | 923235  | 120.49 | ug/l 100 |
| 18) Methyl Acetate           | 4.715 | 43  | 106390  | 107.55 | ug/l 100 |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 635274  | 108.90 | ug/l 98  |
| 20) Methylene Chloride       | 4.962 | 84  | 325738  | 82.88  | ug/l 97  |
| 21) trans-1,2-Dichloroethene | 5.479 | 96  | 351824  | 108.93 | ug/l 94  |
| 22) Diisopropyl ether        | 6.367 | 45  | 774123  | 108.23 | ug/l 98  |
| 23) Vinyl Acetate            | 6.309 | 43  | 2188157 | 573.29 | ug/l 100 |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 558815  | 106.36 | ug/l 99  |
| 25) 2-Butanone               | 7.215 | 43  | 277077  | 473.06 | ug/l 94  |
| 26) 2,2-Dichloropropane      | 7.209 | 77  | 445881  | 97.53  | ug/l 98  |
| 27) cis-1,2-Dichloroethene   | 7.215 | 96  | 348465  | 98.77  | ug/l 100 |
| 28) Bromochloromethane       | 7.544 | 49  | 201818  | 99.18  | ug/l 99  |
| 29) Tetrahydrofuran          | 7.562 | 42  | 196610  | 524.76 | ug/l 99  |
| 30) Chloroform               | 7.714 | 83  | 602617  | 105.39 | ug/l 100 |
| 31) Cyclohexane              | 7.985 | 56  | 477409  | 101.01 | ug/l 96  |
| 32) 1,1,1-Trichloroethane    | 7.909 | 97  | 536309  | 105.52 | ug/l 99  |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 476229  | 110.21 | ug/l 100 |
| 37) Ethyl Acetate            | 7.291 | 43  | 131265  | 97.90  | ug/l 97  |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 468087  | 108.13 | ug/l 95  |
| 39) Methylcyclohexane        | 9.356 | 83  | 597200  | 112.59 | ug/l 98  |
| 40) Benzene                  | 8.356 | 78  | 1372566 | 108.66 | ug/l 97  |

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 Sample : VSTDICC100  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
 APPROVED

MMDadoda  
 4/8/2021 3:08:17 PM

Quant Time: Apr 07 12:25:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 07 12:04:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 79317    | 104.88  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 355279   | 107.06  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.456  | 43   | 293099   | 112.03  | ug/l   | 98       |
| 44) Trichloroethene           | 9.114  | 130  | 374395   | 106.73  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 325281   | 107.61  | ug/l   | 99       |
| 46) Dibromomethane            | 9.479  | 93   | 181102   | 105.49  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.661  | 83   | 477477   | 108.33  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.456  | 41   | 148409   | 111.65  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 41646    | 2182.96 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 743070   | 543.01  | ug/l   | 99       |
| 52) Toluene                   | 10.403 | 92   | 909992   | 113.47  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 430891   | 106.45  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 515731   | 107.21  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 250367   | 103.13  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 289958   | 111.48  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.944 | 76   | 428455   | 108.79  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 715069   | 542.42  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.985 | 43   | 502399   | 547.71  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.138 | 129  | 324522   | 108.06  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 250639   | 107.34  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.879 | 164  | 305200   | 102.14  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.667 | 112  | 973251   | 106.55  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 345592   | 105.04  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.744 | 91   | 1781818  | 111.63  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.850 | 106  | 1374069  | 221.27  | ug/l   | 100      |
| 69) o-Xylene                  | 12.179 | 106  | 637229   | 110.92  | ug/l   | 98       |
| 70) Styrene                   | 12.191 | 104  | 1104960  | 111.79  | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 185200   | 106.81  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 1722009  | 112.15  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.285 | 43   | 287999   | 112.48  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 282777   | 103.49  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 188194m  | 100.41  | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 384283   | 107.11  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.820 | 91   | 2060770  | 112.54  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 1142045  | 113.82  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 1437646  | 114.86  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 87832    | 107.04  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 1189840  | 111.50  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 1220116  | 115.00  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 1453195  | 113.27  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.397 | 105  | 1722244  | 112.06  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 1591386  | 113.78  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 762636   | 106.02  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.591 | 146  | 742155   | 105.10  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.838 | 91   | 1511437  | 114.01  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.108 | 117  | 297715   | 114.02  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 657408   | 107.23  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.502 | 75   | 44420    | 113.39  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 427139   | 108.17  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 245243   | 108.45  | ug/l   | 99       |
| 95) Naphthalene               | 15.396 | 128  | 780534   | 112.67  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.585 | 180  | 364000   | 107.97  | ug/l   | 98       |

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Operator : VA/SY  
Sample : VSTDICC100  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

Manual Integrations  
APPROVED

MMDadoda  
4/8/2021 3:08:17 PM

Quant Time: Apr 07 12:25:48 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 07 12:04:11 2021  
Response via : Initial Calibration

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

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

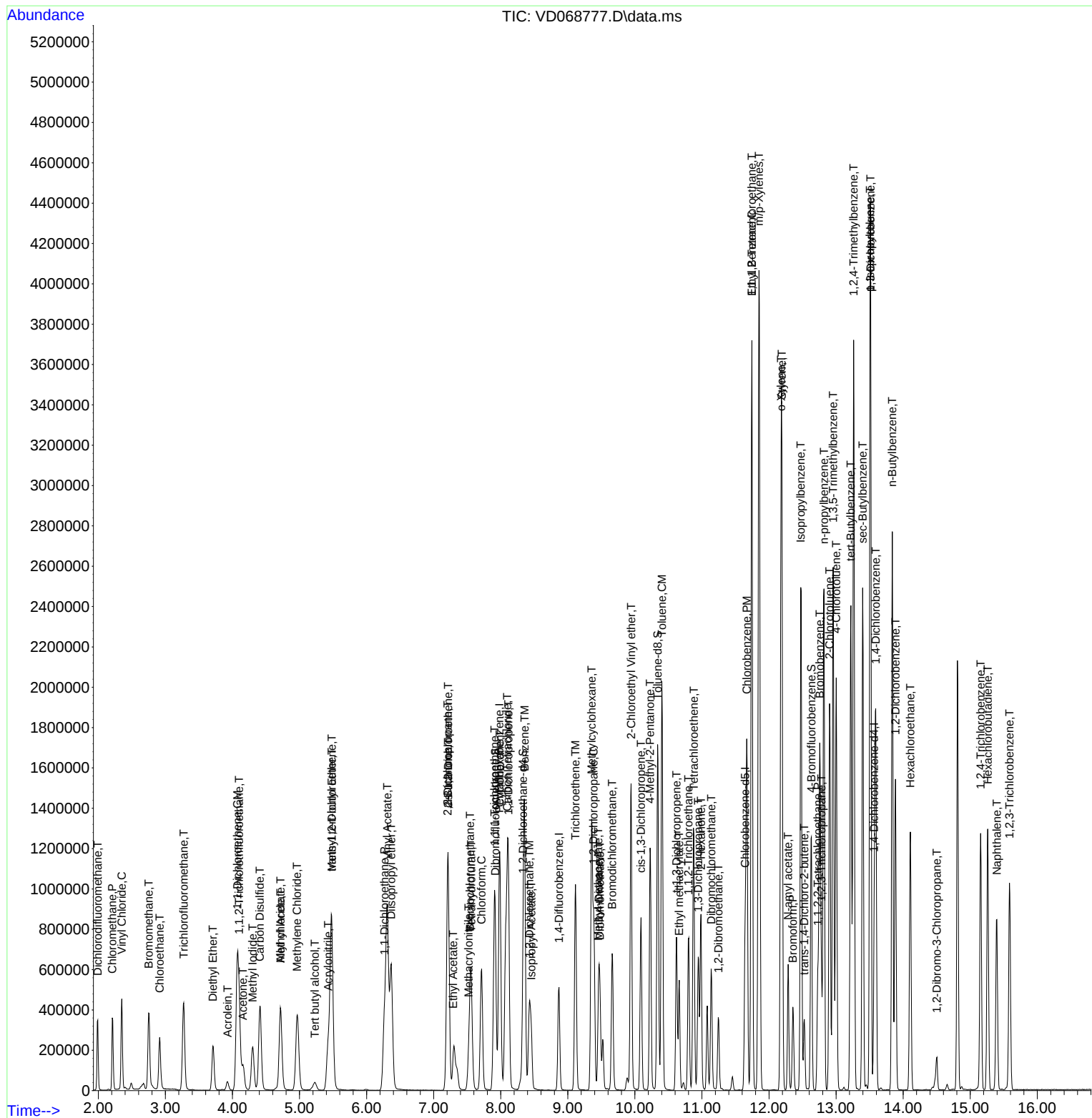
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Data File : VD068777.D  
Acq On : 07 Apr 2021 12:06  
Operator : VA/SY  
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ALS Vial : 7 Sample Multiplier: 1

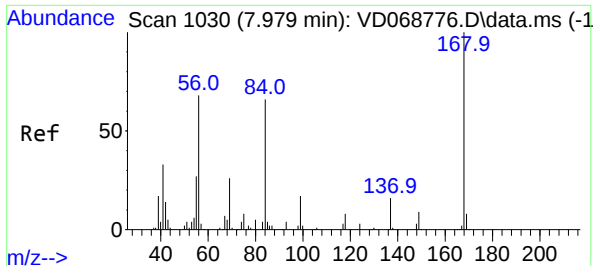
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

Manual Integrations  
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Quant Time: Apr 07 12:25:48 2021  
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Quant Title : SW846 8260  
QLast Update : Wed Apr 07 12:04:11 2021  
Response via : Initial Calibration





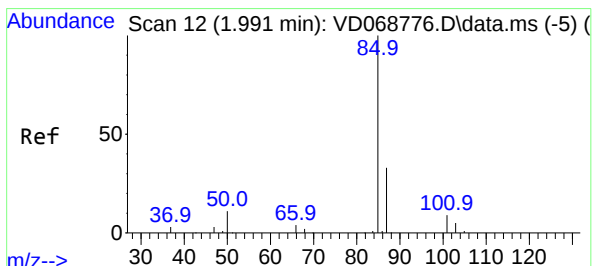
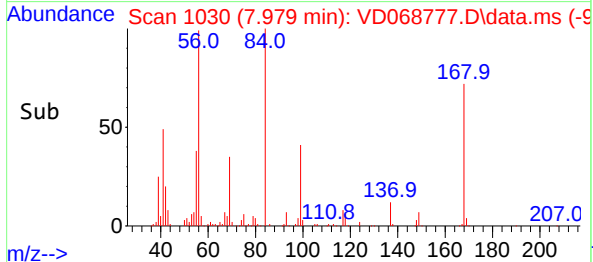
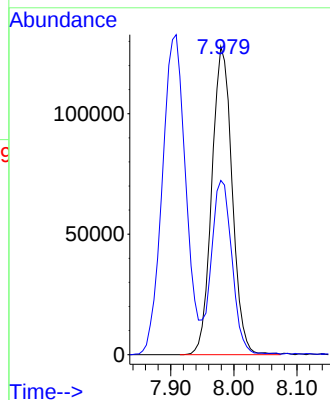
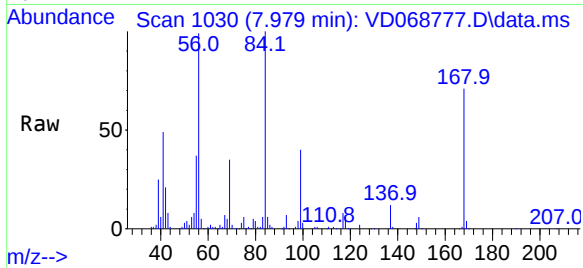
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 168 Resp: 286143  
Ion Ratio Lower Upper  
168 100  
99 56.4 46.2 69.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

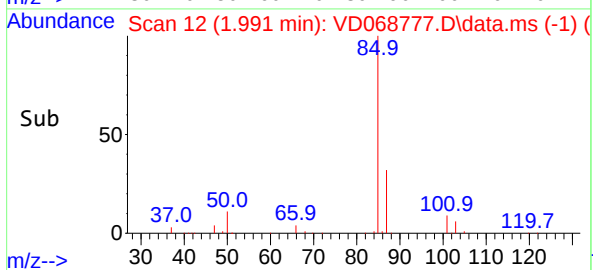
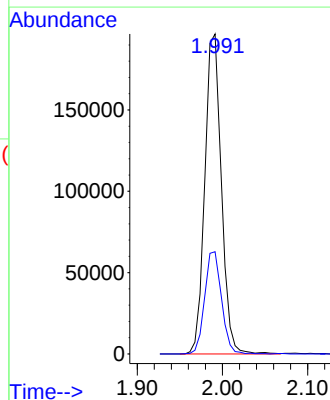
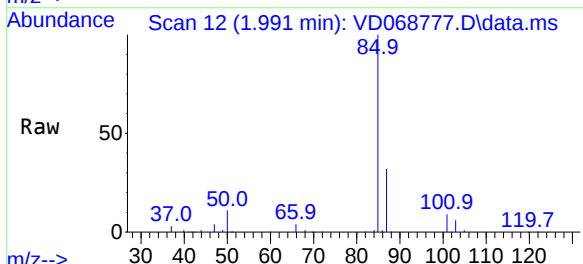
Manual Integrations  
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4/8/2021 3:08:17 PM

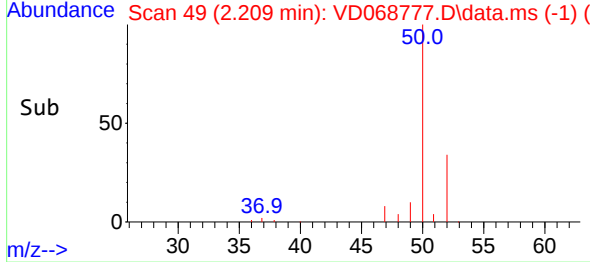
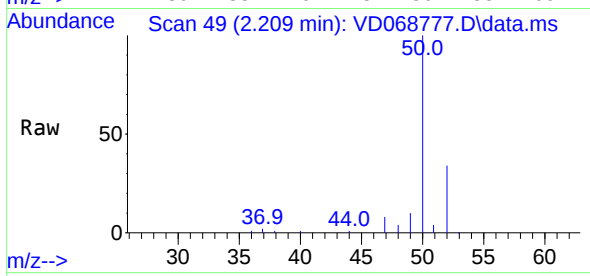
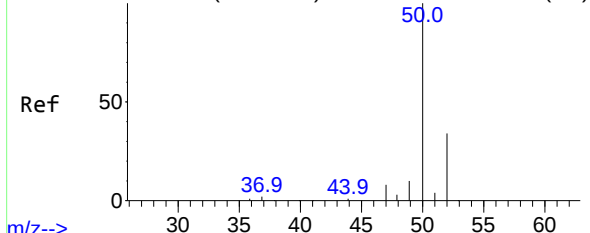


#2  
Dichlorodifluoromethane  
Concen: 113.64 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 85 Resp: 265609  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.7 47.0

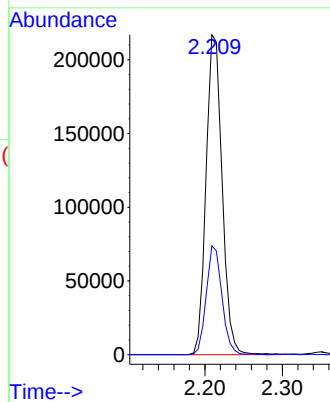


Abundance Scan 49 (2.209 min): VD068776.D\data.ms (-43)



#3  
Chloromethane  
Concen: 109.68 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

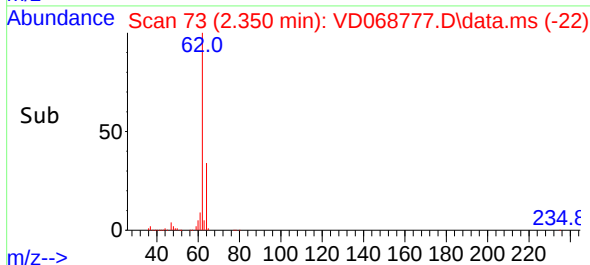
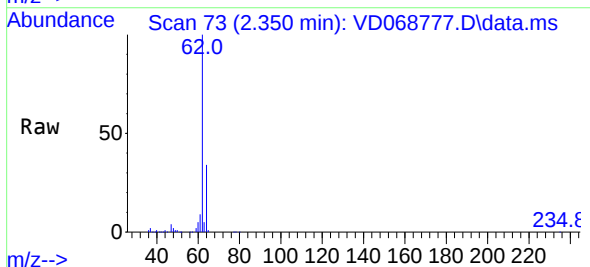
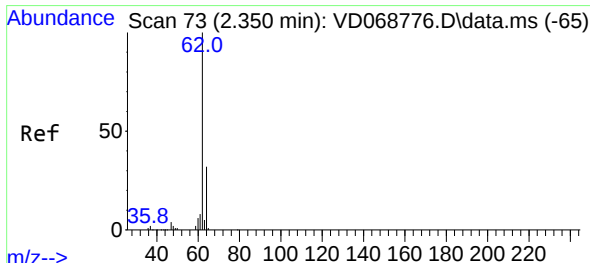
Tgt Ion: 50 Resp: 312620  
Ion Ratio Lower Upper  
50 100  
52 34.0 26.7 40.1



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

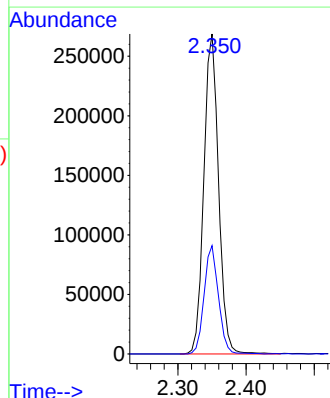
Manual Integrations  
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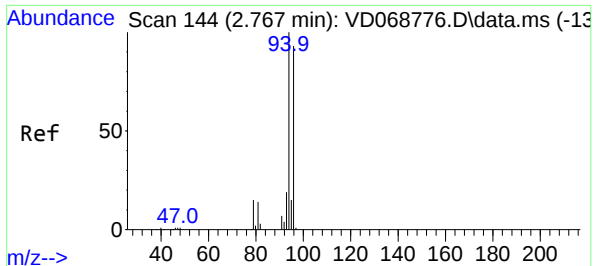
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4/8/2021 3:08:17 PM



#4  
Vinyl Chloride  
Concen: 118.49 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 62 Resp: 403586  
Ion Ratio Lower Upper  
62 100  
64 33.9 27.1 40.7





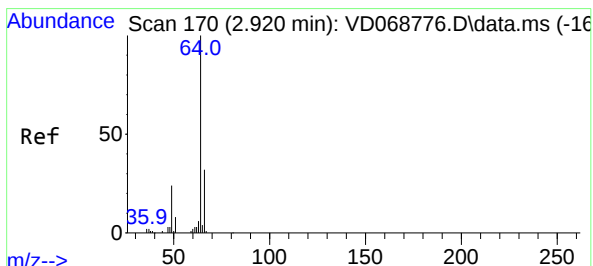
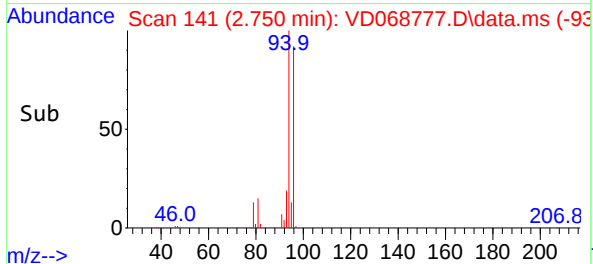
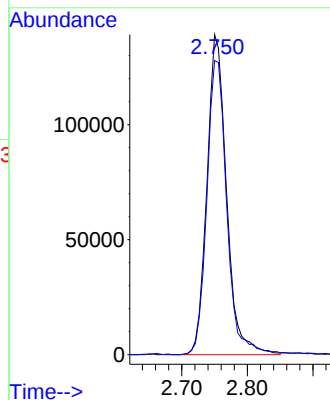
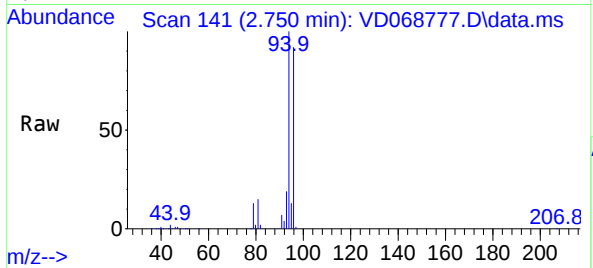
#5  
Bromomethane  
Concen: 114.97 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.017 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 94 Resp: 289835  
Ion Ratio Lower Upper  
94 100  
96 91.9 74.7 112.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

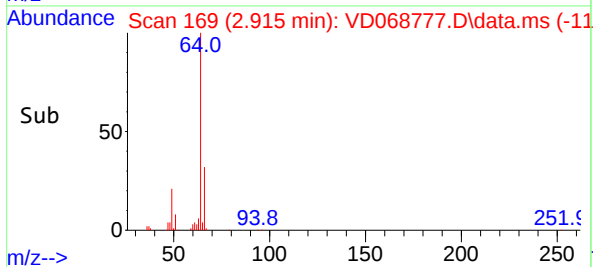
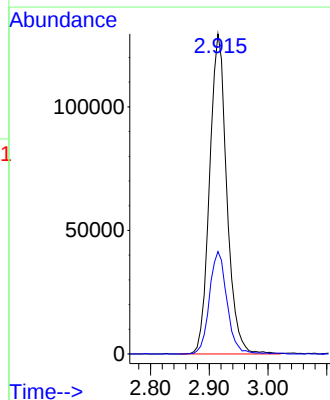
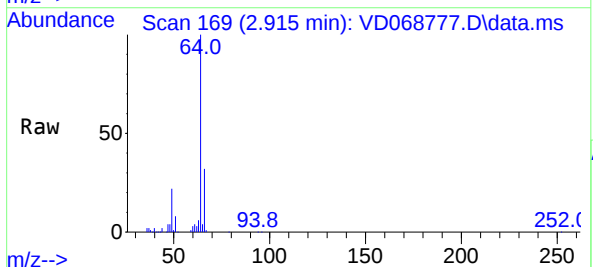
Manual Integrations  
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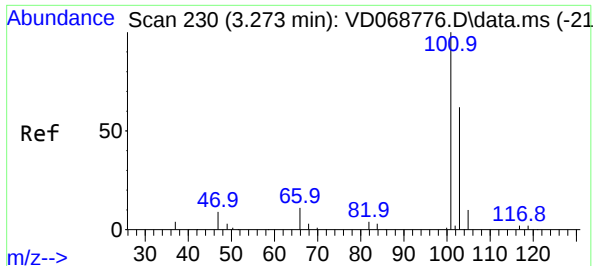
MMDadoda  
4/8/2021 3:08:17 PM



#6  
Chloroethane  
Concen: 117.93 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 64 Resp: 263425  
Ion Ratio Lower Upper  
64 100  
66 32.0 26.0 39.0





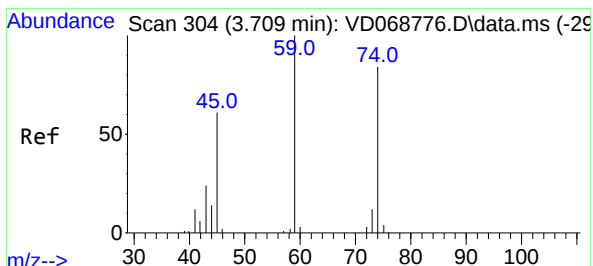
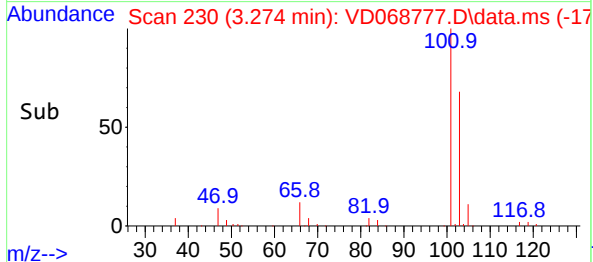
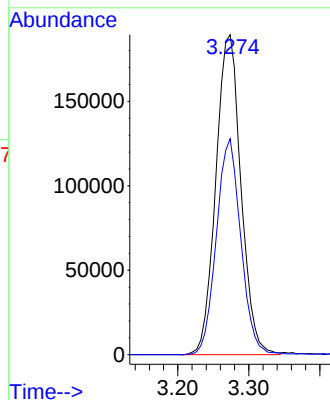
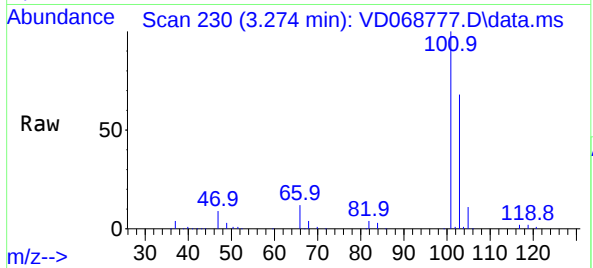
#7  
Trichlorofluoromethane  
Concen: 115.34 ug/l  
RT: 3.274 min Scan# 230  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion:101 Resp: 465088  
Ion Ratio Lower Upper  
101 100  
103 67.5 53.4 80.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

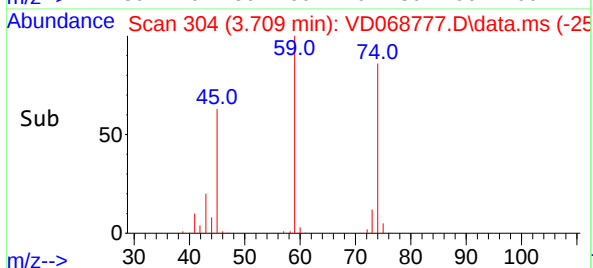
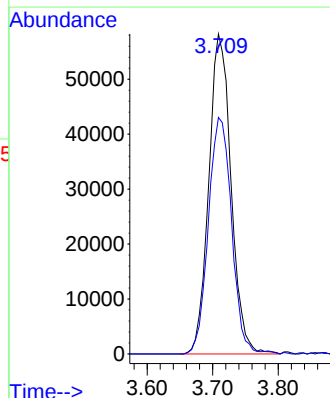
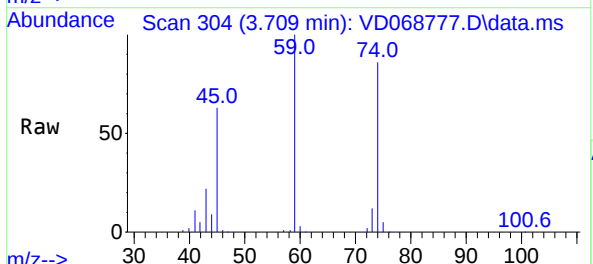
Manual Integrations  
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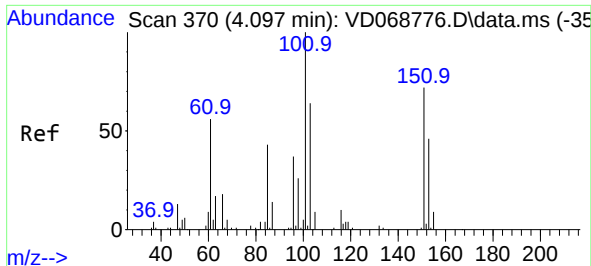
MMDadoda  
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#8  
Diethyl Ether  
Concen: 121.46 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 74 Resp: 137146  
Ion Ratio Lower Upper  
74 100  
45 76.9 40.5 121.5





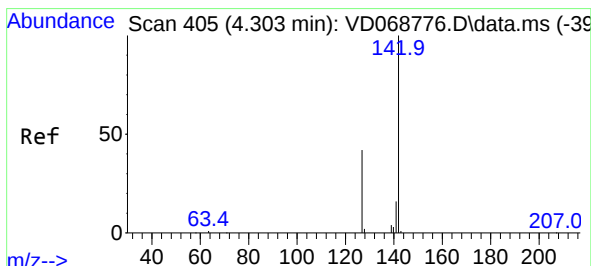
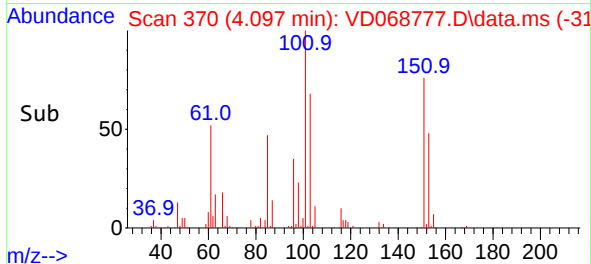
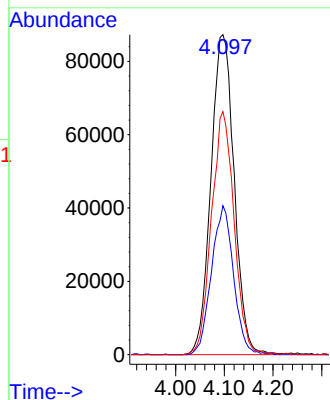
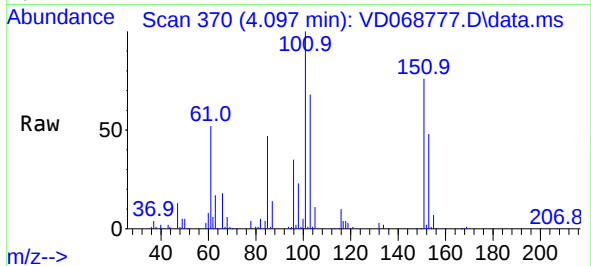
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 117.90 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion:101 Resp: 289635  
Ion Ratio Lower Upper  
101 100  
85 44.3 33.8 50.6  
151 74.1 59.4 89.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

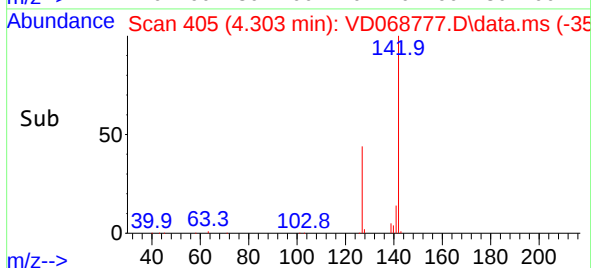
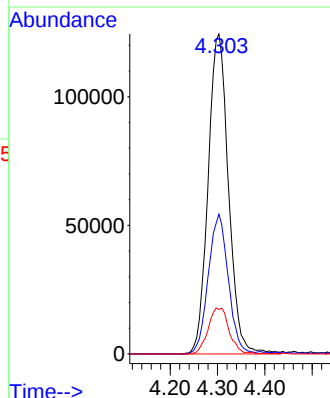
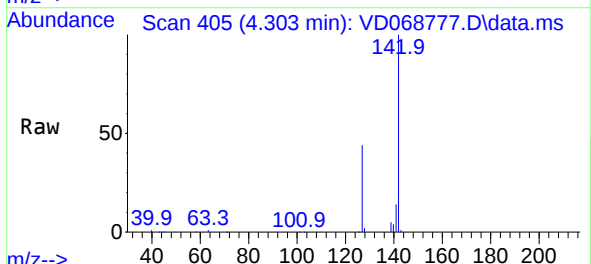
Manual Integrations  
APPROVED

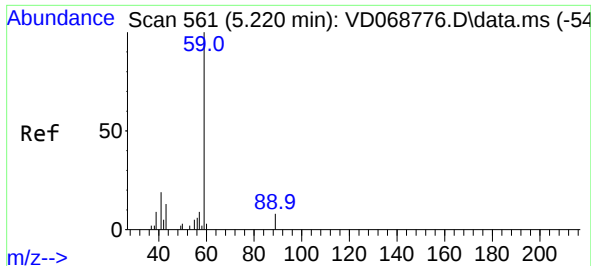
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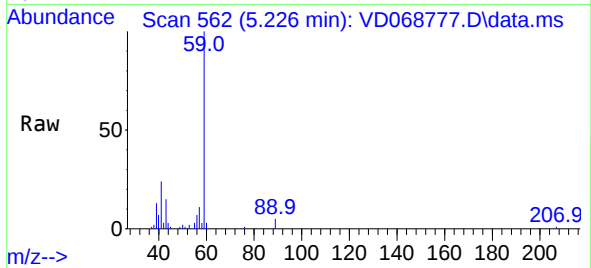
#10  
Methyl Iodide  
Concen: 145.54 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion:142 Resp: 371779  
Ion Ratio Lower Upper  
142 100  
127 42.8 34.7 52.1  
141 14.8 11.0 16.4

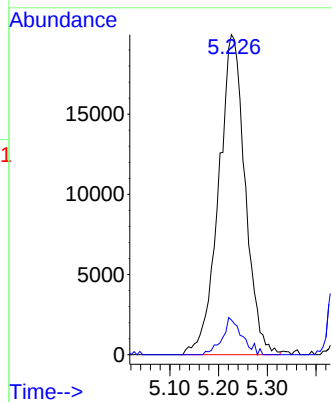
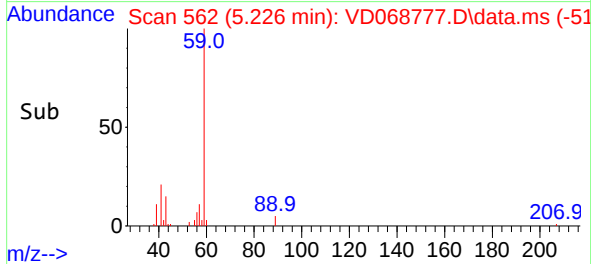




#11  
Tert butyl alcohol  
Concen: 541.73 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. 0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



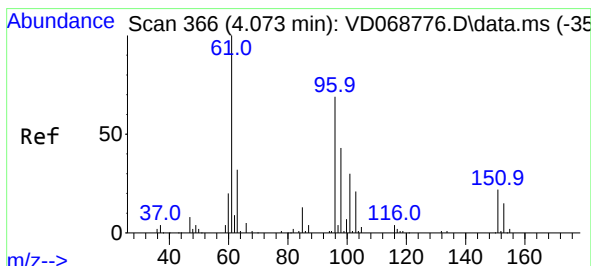
Tgt Ion: 59 Resp: 75437  
Ion Ratio Lower Upper  
59 100  
57 8.6 7.8 11.8



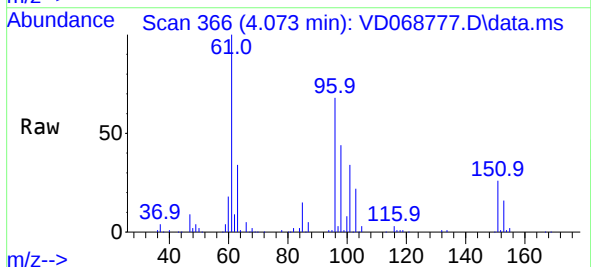
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

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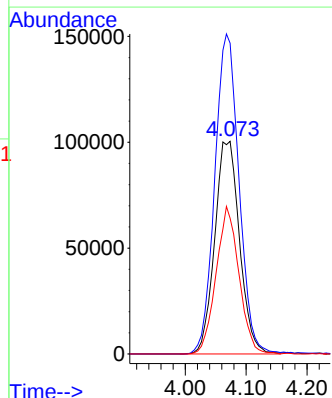
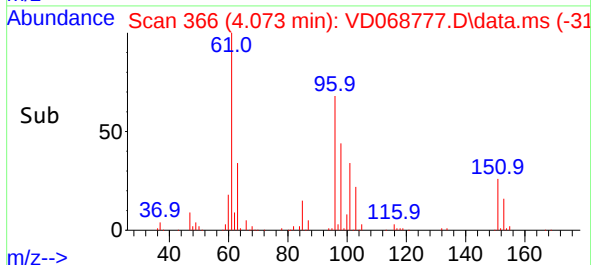
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#12  
1,1-Dichloroethene  
Concen: 120.37 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



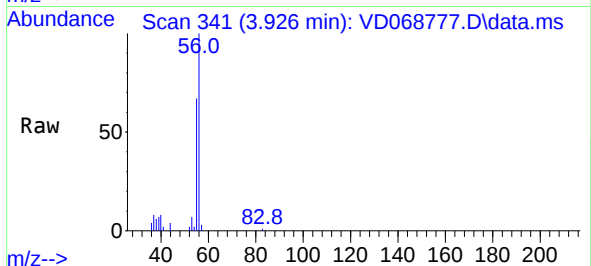
Tgt Ion: 96 Resp: 285201  
Ion Ratio Lower Upper  
96 100  
61 146.1 112.2 168.2  
98 63.8 50.2 75.2



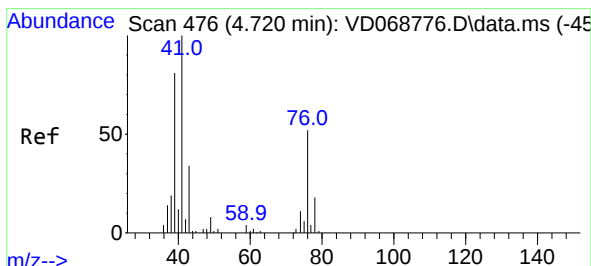
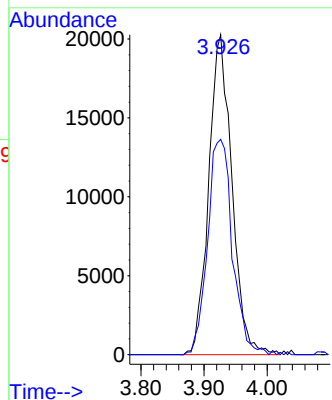
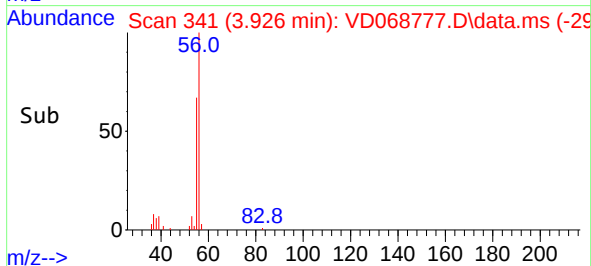


#13  
Acrolein  
Concen: 414.85 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

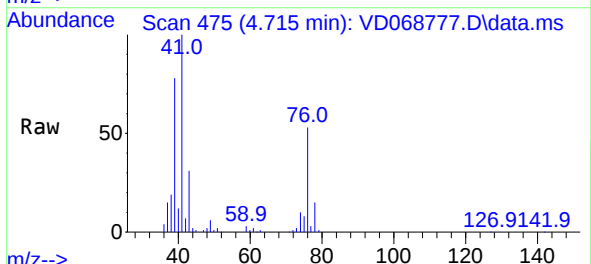
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



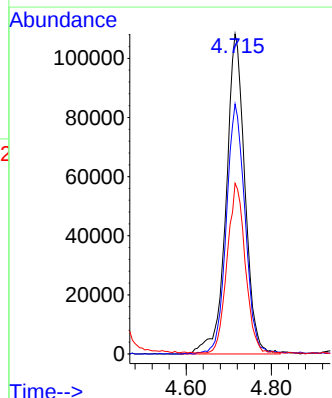
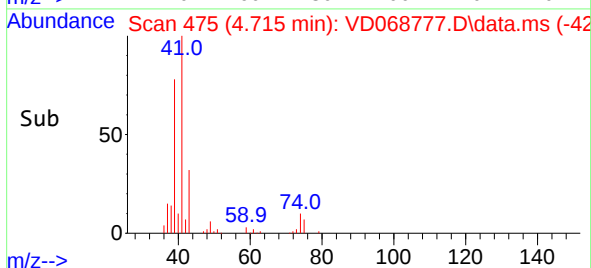
Tgt Ion: 56 Resp: 51600  
Ion Ratio Lower Upper  
56 100  
55 72.1 54.7 82.1

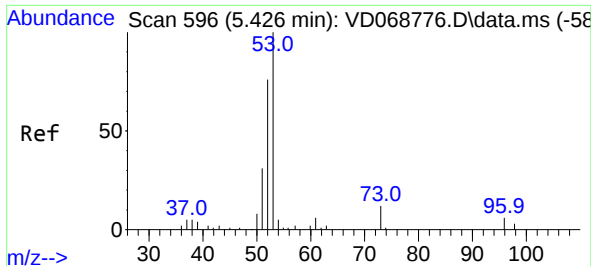


#14  
Allyl chloride  
Concen: 116.43 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

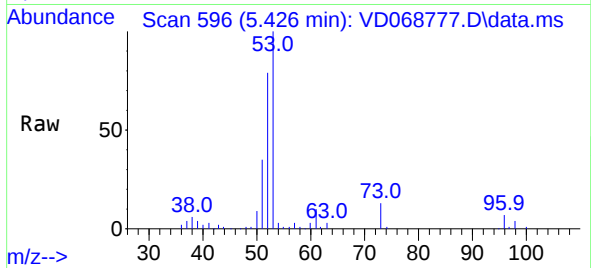


Tgt Ion: 41 Resp: 331319  
Ion Ratio Lower Upper  
41 100  
39 78.1 60.6 91.0  
76 51.2 40.4 60.6

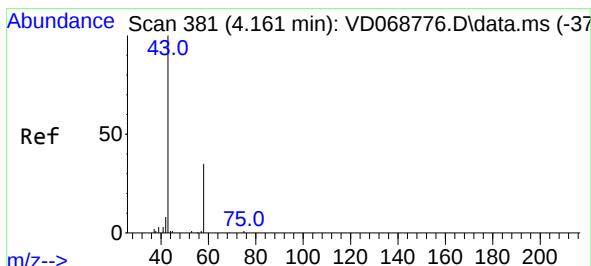
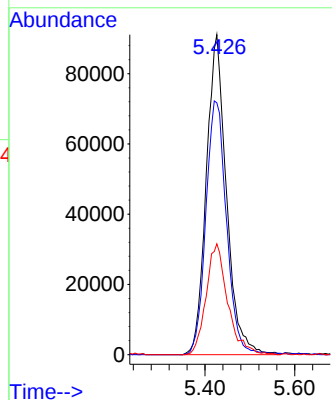
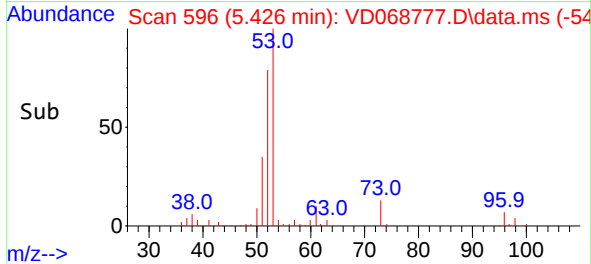




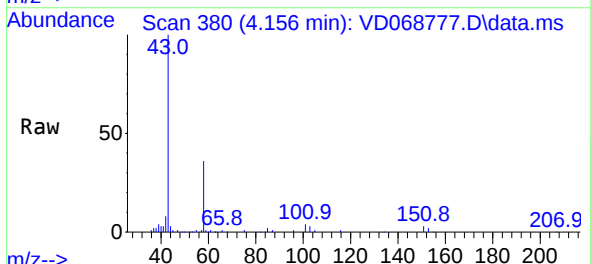
#15  
Acrylonitrile  
Concen: 529.86 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



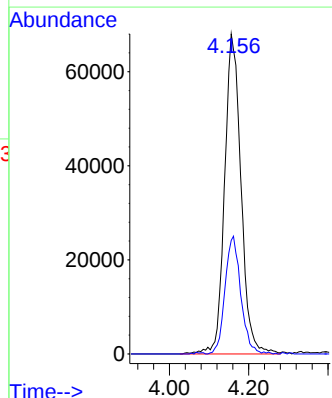
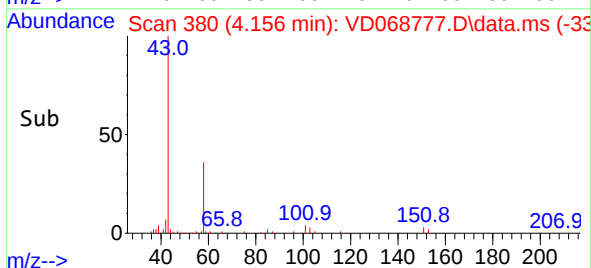
Tgt Ion: 53 Resp: 283565  
Ion Ratio Lower Upper  
53 100  
52 81.8 63.3 94.9  
51 37.2 28.3 42.5



#16  
Acetone  
Concen: 538.09 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



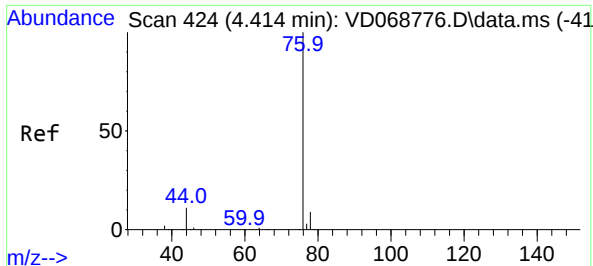
Tgt Ion: 43 Resp: 195690  
Ion Ratio Lower Upper  
43 100  
58 35.5 28.0 42.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

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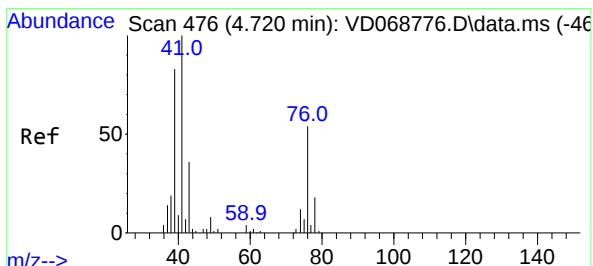
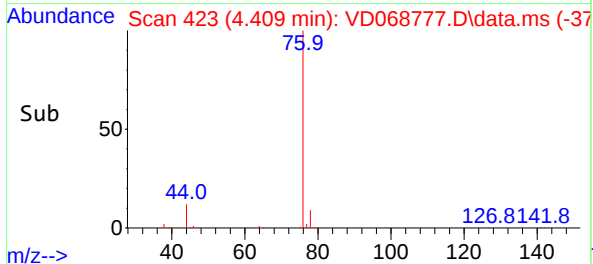
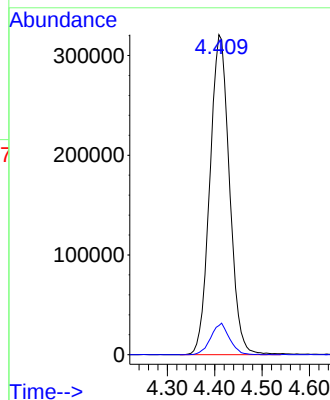
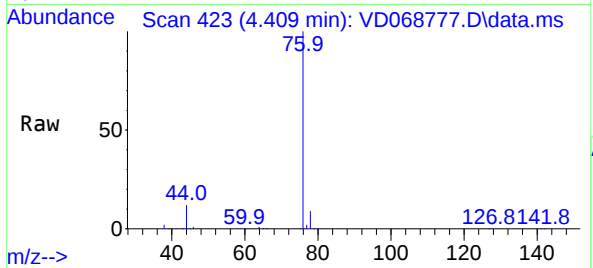
#17  
Carbon Disulfide  
Concen: 120.49 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 76 Resp: 923235  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

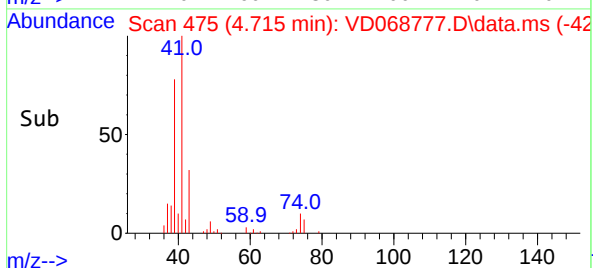
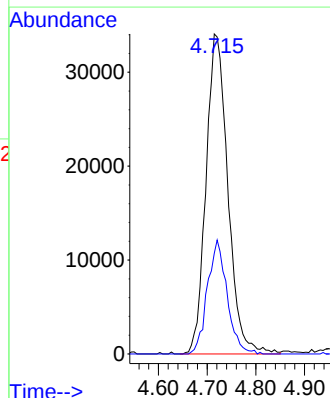
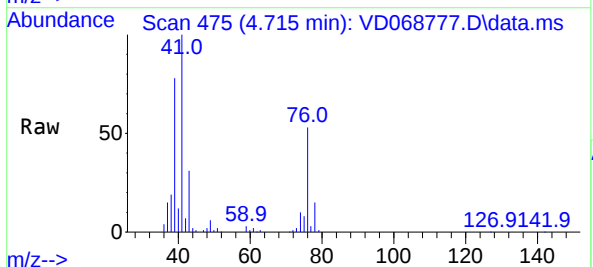
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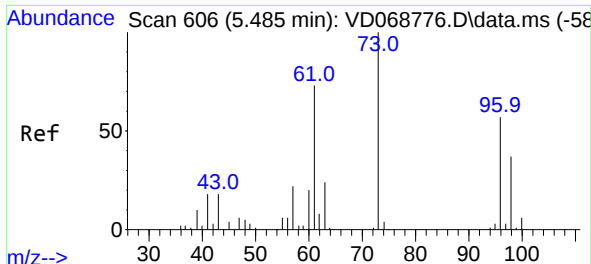
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#18  
Methyl Acetate  
Concen: 107.55 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 43 Resp: 106390  
Ion Ratio Lower Upper  
43 100  
74 32.0 25.4 38.2





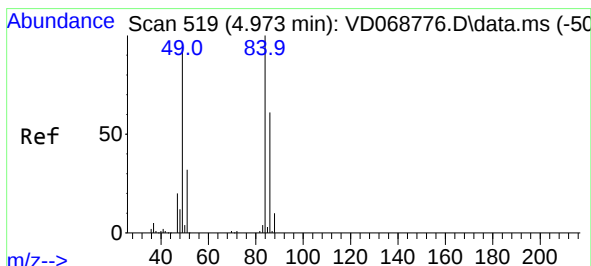
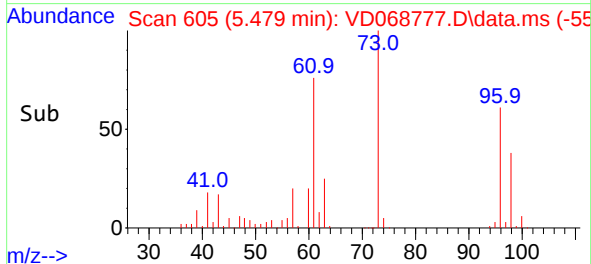
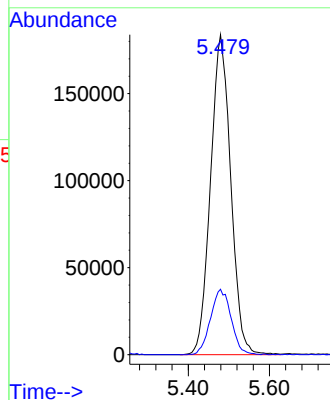
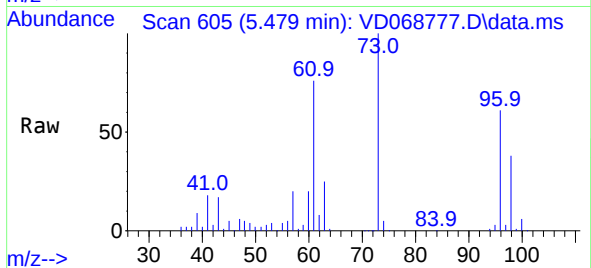
#19  
Methyl tert-butyl Ether  
Concen: 108.90 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 73 Resp: 635274  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.3 25.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

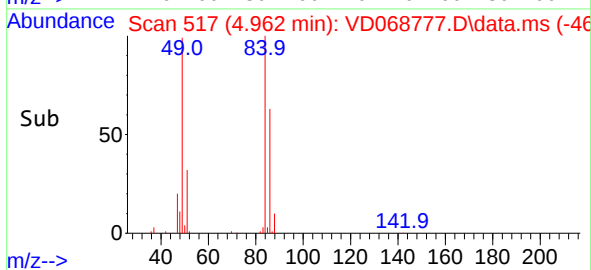
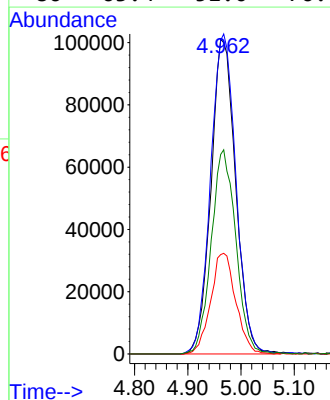
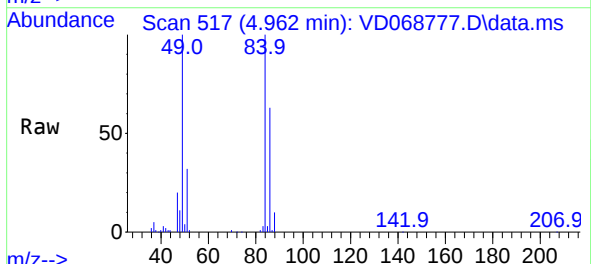
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#20  
Methylene Chloride  
Concen: 82.88 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.012 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

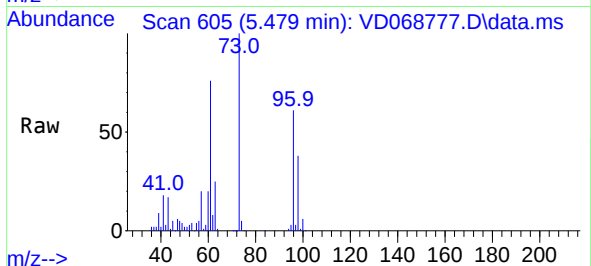
Tgt Ion: 84 Resp: 325738  
Ion Ratio Lower Upper  
84 100  
49 99.7 83.4 125.0  
51 31.6 23.4 35.2  
86 63.4 51.0 76.4





#21  
trans-1,2-Dichloroethene  
Concen: 108.93 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

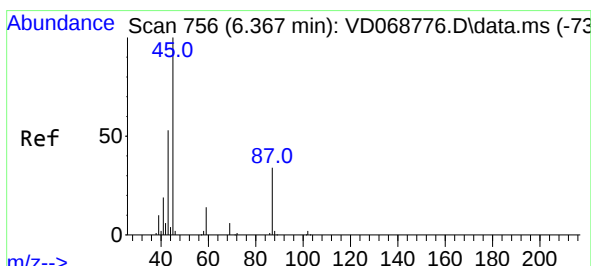
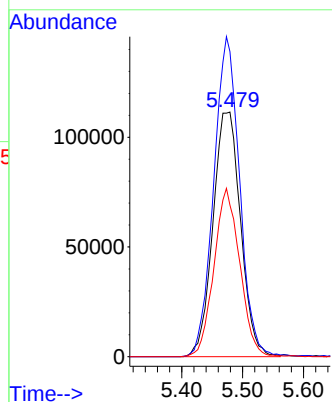
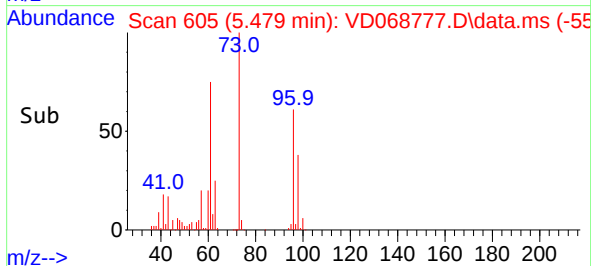
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



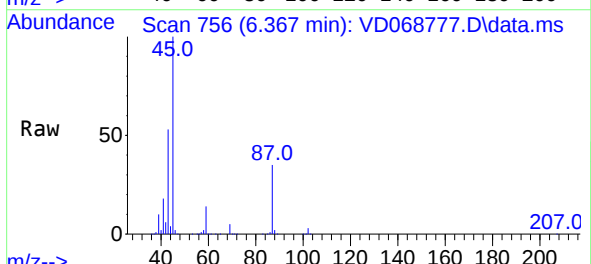
Tgt Ion: 96 Resp: 351824  
Ion Ratio Lower Upper  
96 100  
61 124.6 91.8 137.6  
98 61.9 49.3 73.9

Manual Integrations  
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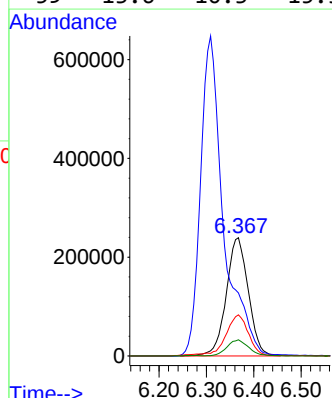
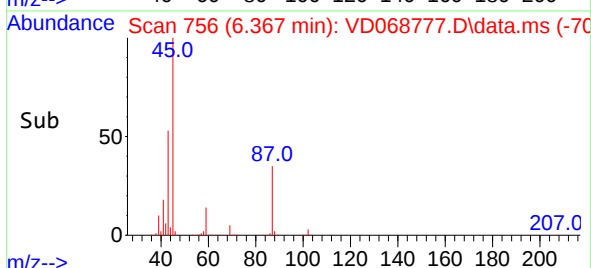
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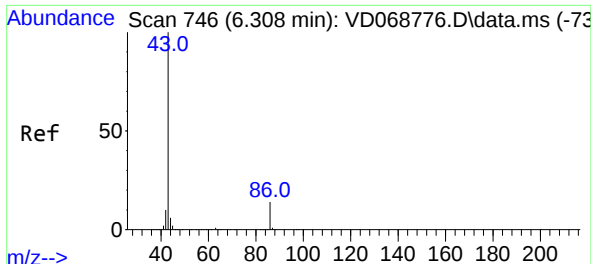


#22  
Diisopropyl ether  
Concen: 108.23 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

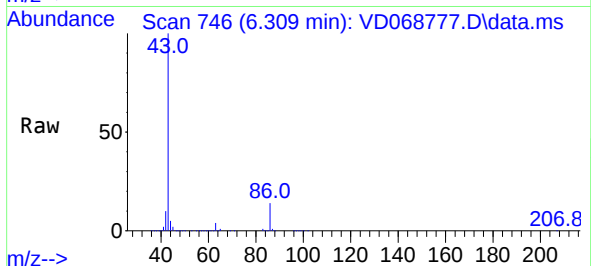


Tgt Ion: 45 Resp: 774123  
Ion Ratio Lower Upper  
45 100  
43 52.9 41.8 62.8  
87 34.7 29.2 43.8  
59 13.6 10.3 15.5

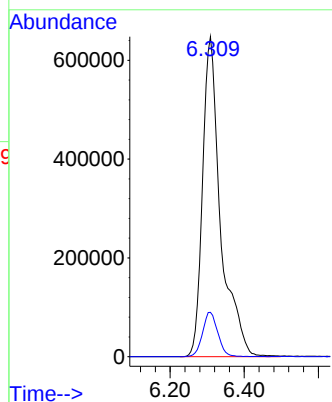
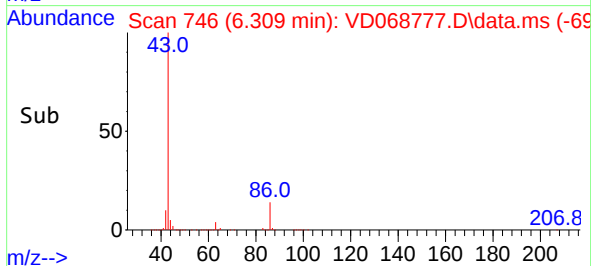




#23  
 Vinyl Acetate  
 Concen: 573.29 ug/l  
 RT: 6.309 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD068777.D  
 Acq: 07 Apr 2021 12:06



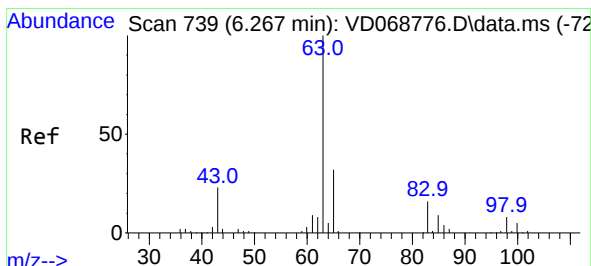
Tgt Ion: 43 Resp: 2188157  
 Ion Ratio Lower Upper  
 43 100  
 86 13.8 11.0 16.6



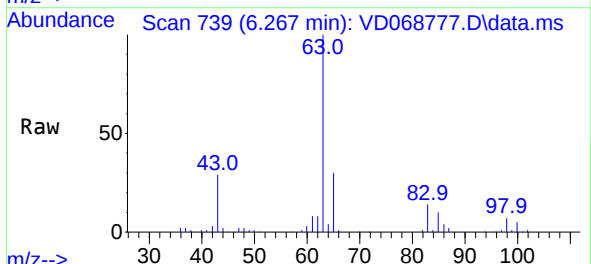
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

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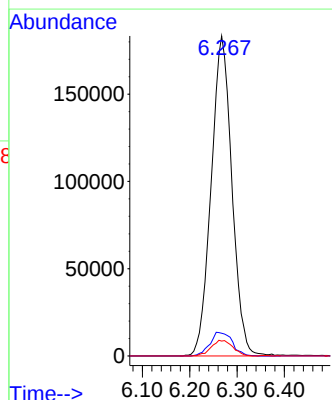
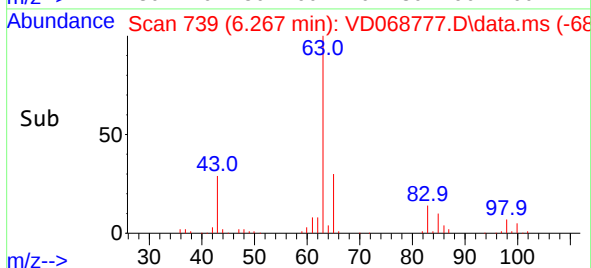
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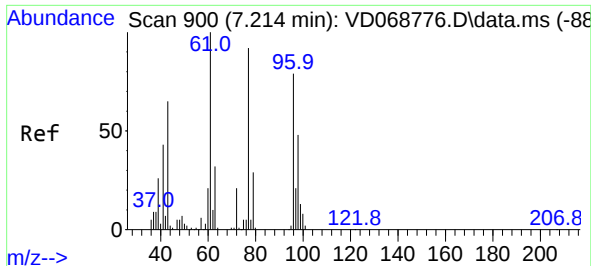


#24  
 1,1-Dichloroethane  
 Concen: 106.36 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.000 min  
 Lab File: VD068777.D  
 Acq: 07 Apr 2021 12:06



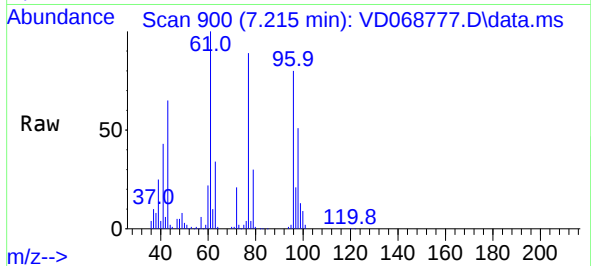
Tgt Ion: 63 Resp: 558815  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.8 11.2  
 100 4.6 2.3 6.9





#25  
2-Butanone  
Concen: 473.06 ug/l  
RT: 7.215 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

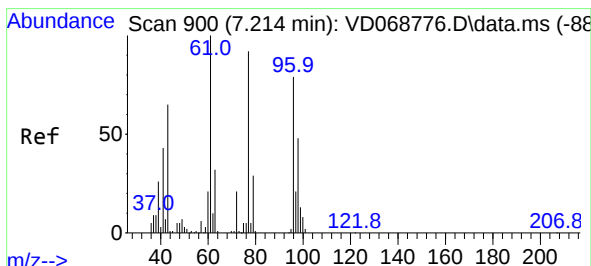
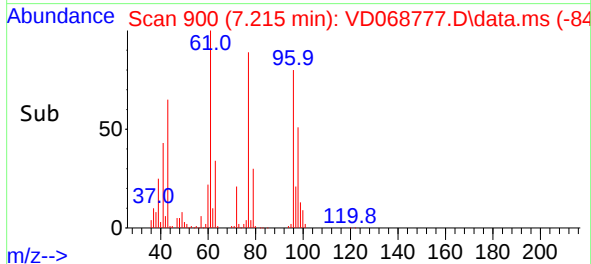
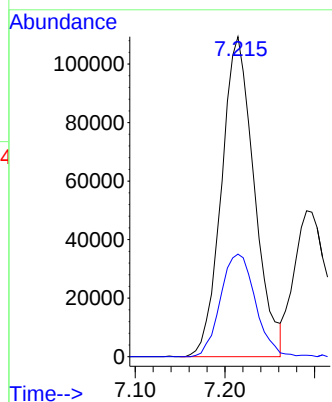
Instrument :  
MSVOA\_D  
ClientSampleID :  
VSTDIC100



Tgt Ion: 43 Resp: 277077  
Ion Ratio Lower Upper  
43 100  
72 32.1 28.6 43.0

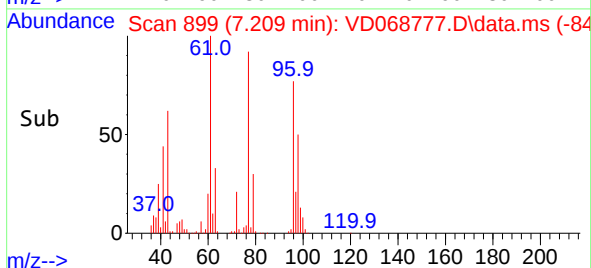
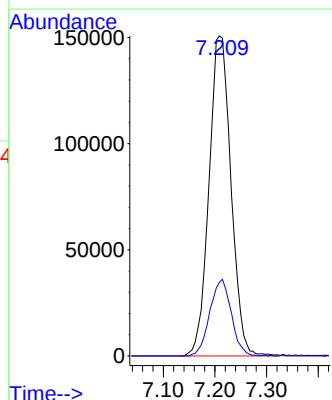
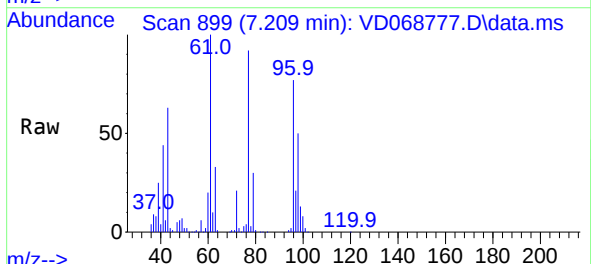
Manual Integrations  
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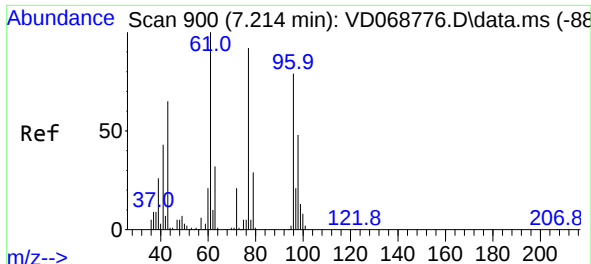
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#26  
2,2-Dichloropropane  
Concen: 97.53 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

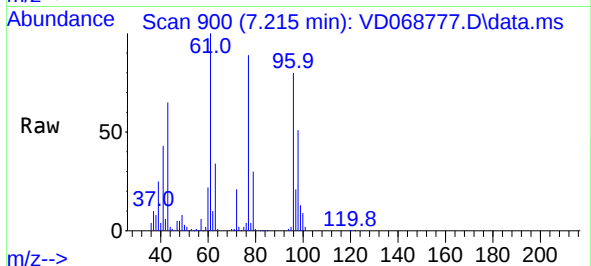
Tgt Ion: 77 Resp: 445881  
Ion Ratio Lower Upper  
77 100  
97 23.3 12.0 36.1





#27  
cis-1,2-Dichloroethene  
Concen: 98.77 ug/l  
RT: 7.215 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

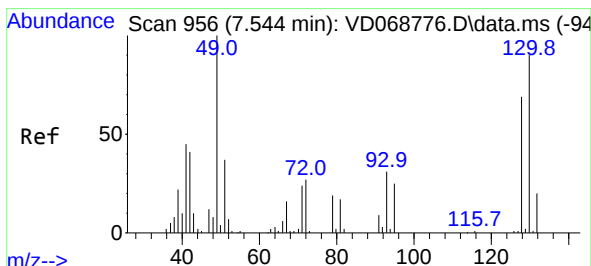
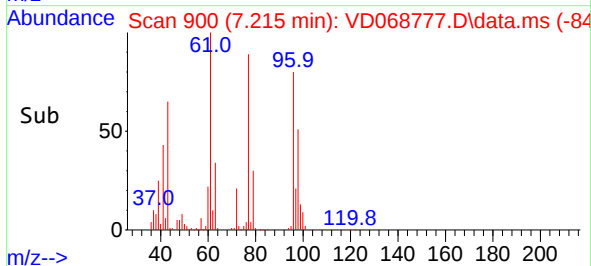
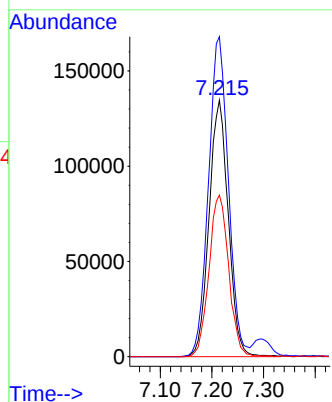
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



Tgt Ion: 96 Resp: 348465  
Ion Ratio Lower Upper  
96 100  
61 128.9 0.0 258.8  
98 64.5 0.0 128.4

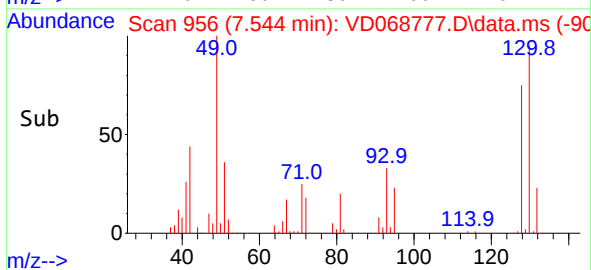
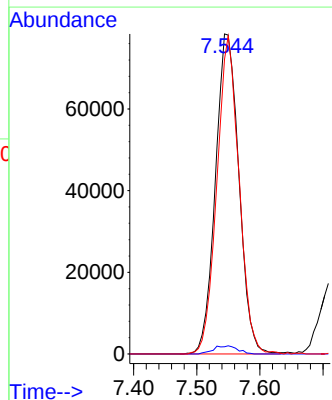
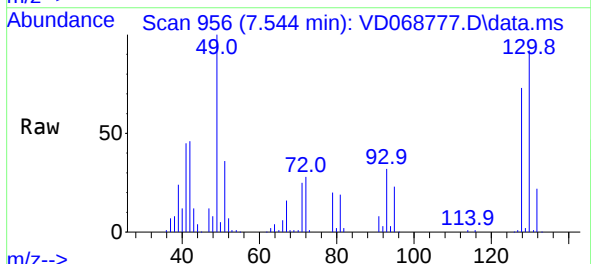
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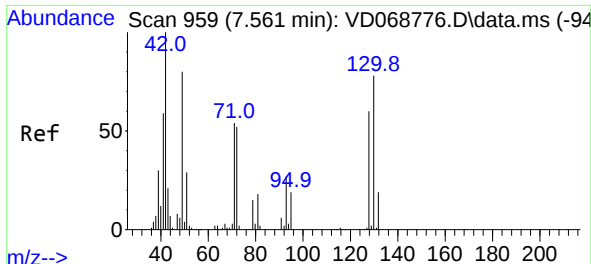
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#28  
Bromochloromethane  
Concen: 99.18 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 49 Resp: 201818  
Ion Ratio Lower Upper  
49 100  
129 2.6 0.0 5.2  
130 93.9 74.6 112.0





#29  
Tetrahydrofuran  
Concen: 524.76 ug/l  
RT: 7.562 min Scan# 959  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

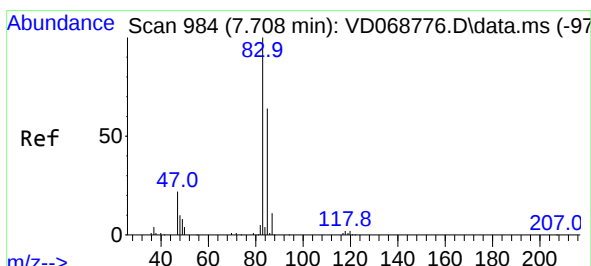
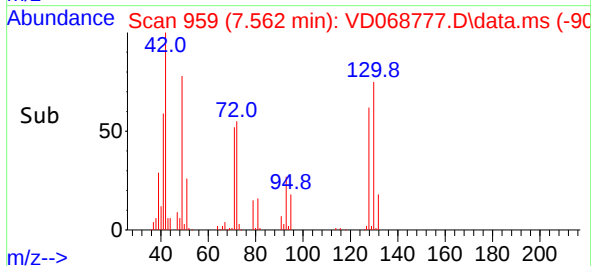
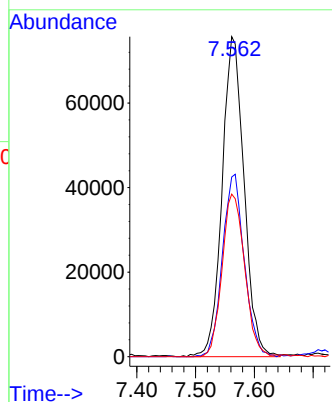
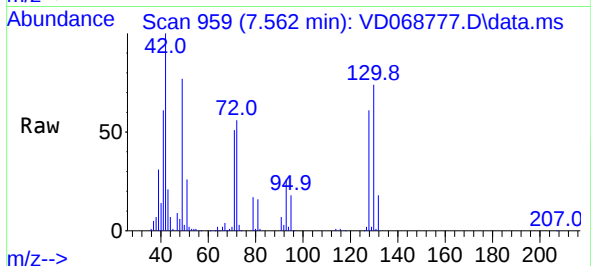
Tgt Ion: 42 Resp: 196610  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 56.7  | 45.2  | 67.8  |
| 71  | 52.2  | 40.8  | 61.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

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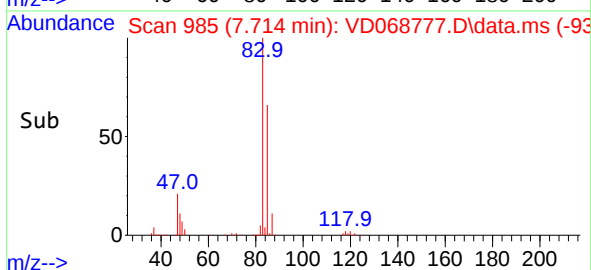
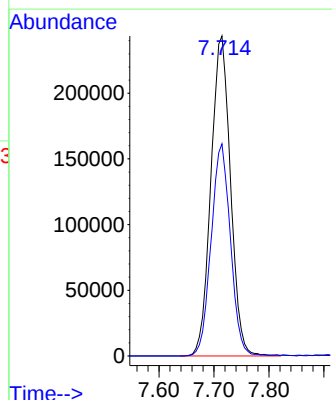
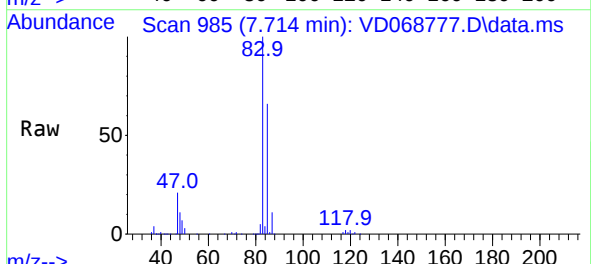
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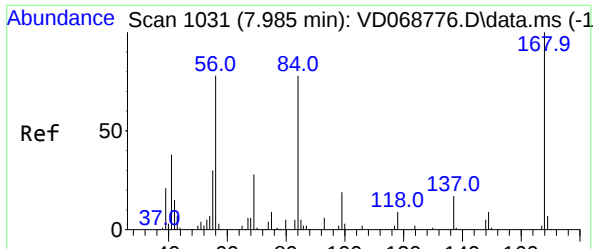


#30  
Chloroform  
Concen: 105.39 ug/l  
RT: 7.714 min Scan# 985  
Delta R.T. 0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 83 Resp: 602617  

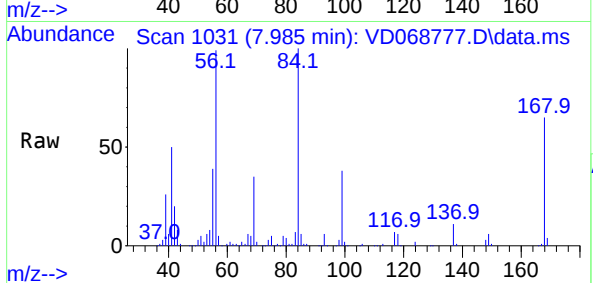
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.3  | 53.3  | 79.9  |





#31  
Cyclohexane  
Concen: 101.01 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

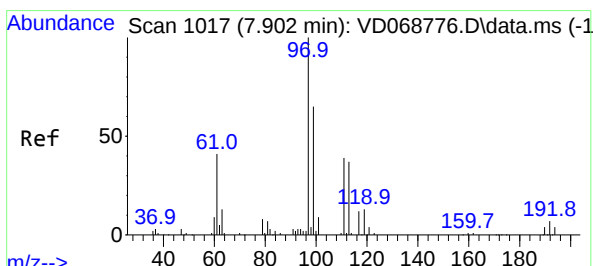
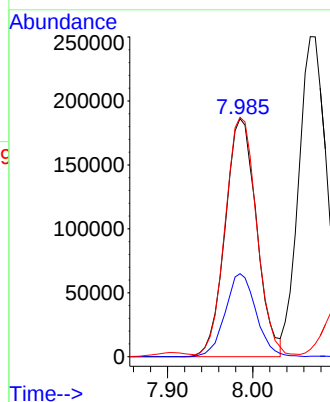
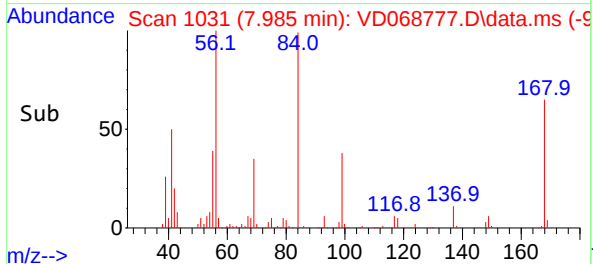
Instrument :  
MSVOA\_D  
ClientSampled :  
VSTDIC100



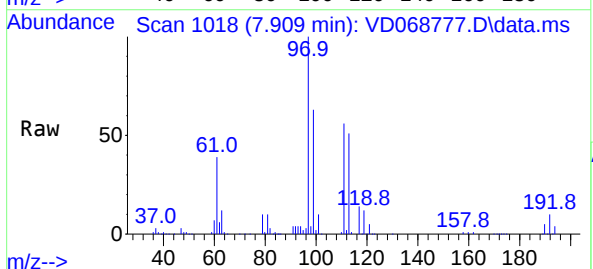
Tgt Ion: 56 Resp: 477409  
Ion Ratio Lower Upper  
56 100  
69 34.9 30.0 45.0  
84 99.0 82.0 123.0

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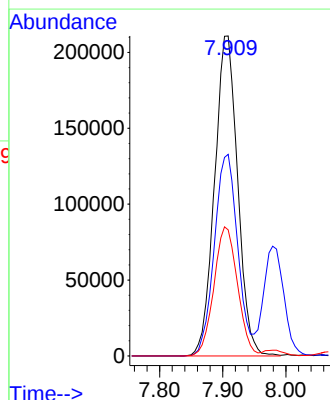
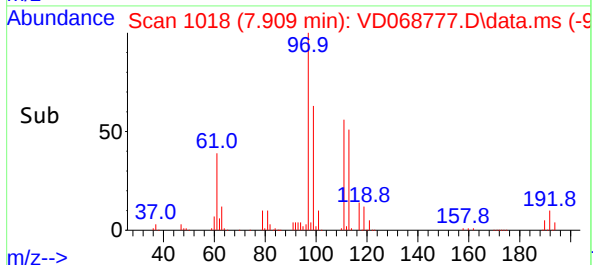
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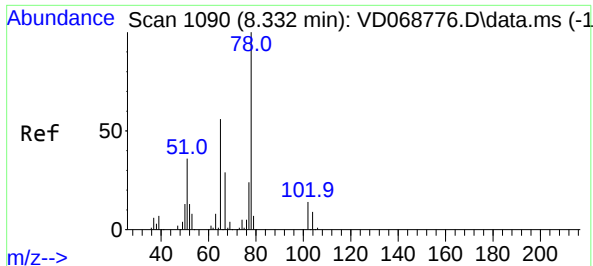


#32  
1,1,1-Trichloroethane  
Concen: 105.52 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. 0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



Tgt Ion: 97 Resp: 536309  
Ion Ratio Lower Upper  
97 100  
99 63.4 50.8 76.2  
61 41.2 33.7 50.5





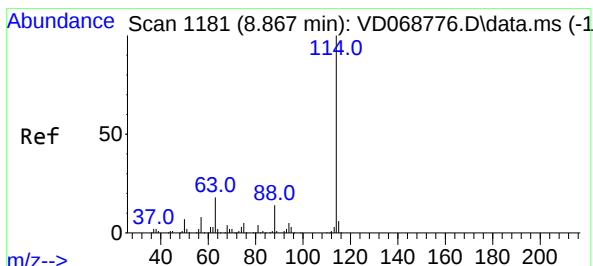
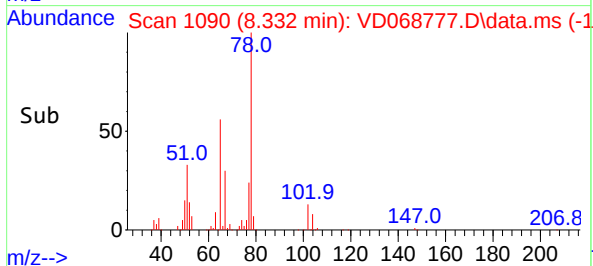
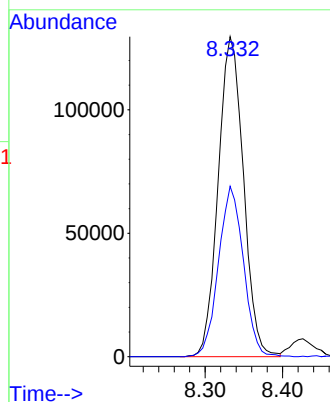
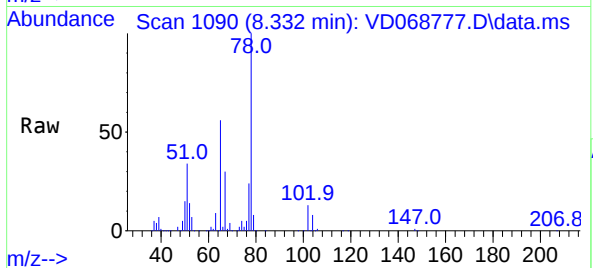
#33  
1,2-Dichloroethane-d4  
Concen: 102.19 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 65 Resp: 293838  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 106.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

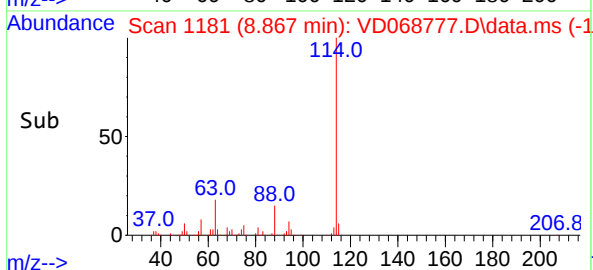
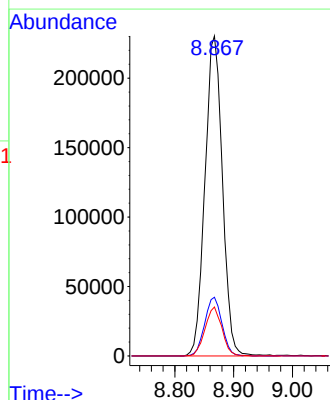
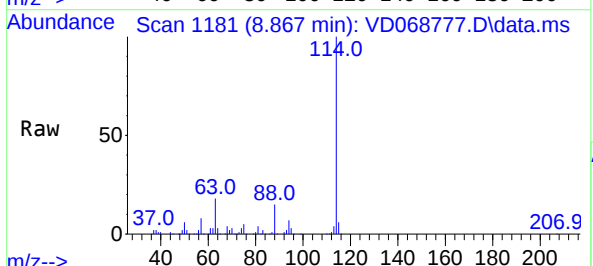
Manual Integrations  
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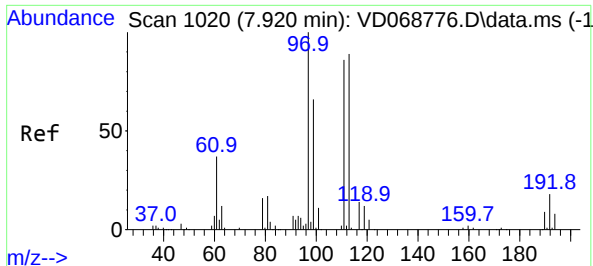
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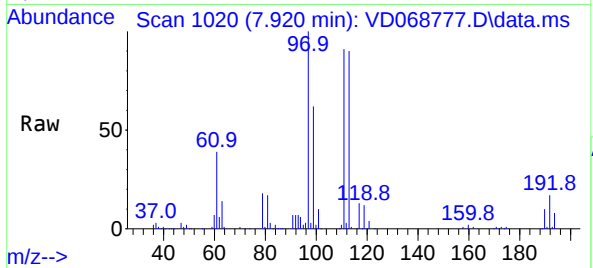
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 114 Resp: 474788  
Ion Ratio Lower Upper  
114 100  
63 18.3 0.0 38.2  
88 15.3 0.0 29.4

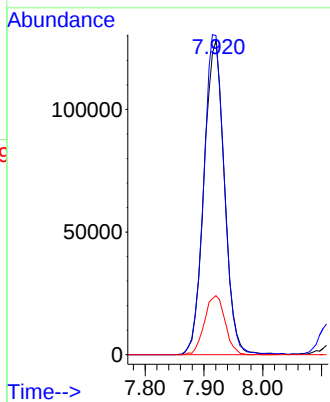
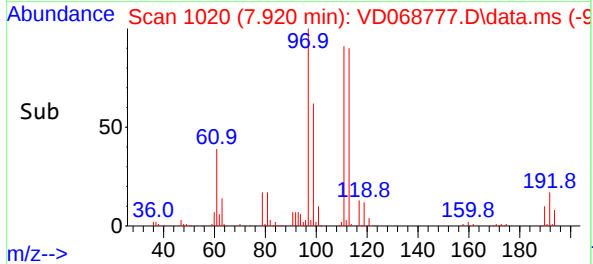




#35  
Dibromofluoromethane  
Concen: 104.90 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



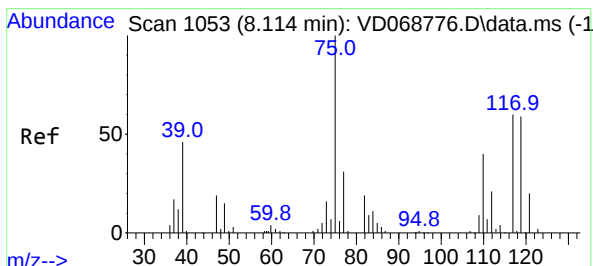
Tgt Ion:113 Resp: 309121  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.5 123.7  
192 18.9 15.1 22.7



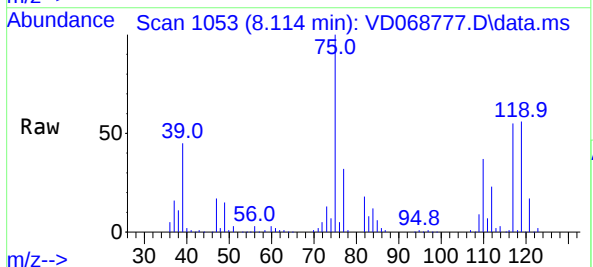
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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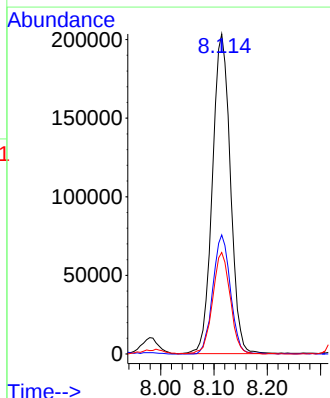
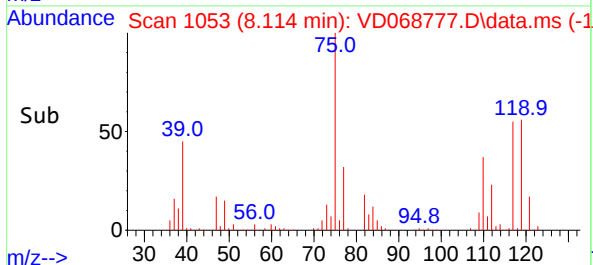
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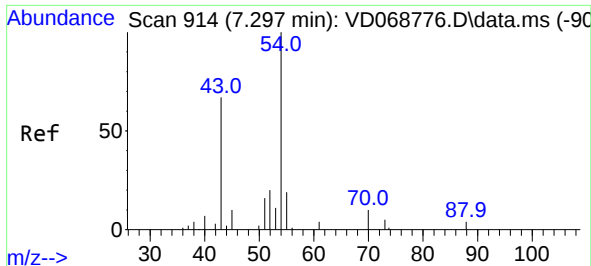


#36  
1,1-Dichloropropene  
Concen: 110.21 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

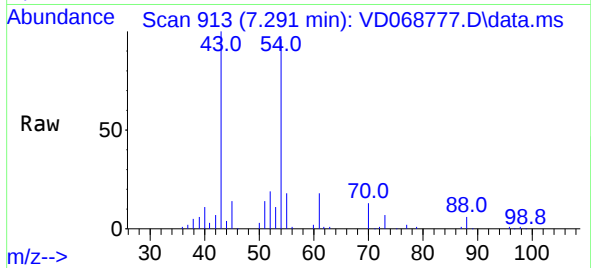


Tgt Ion: 75 Resp: 476229  
Ion Ratio Lower Upper  
75 100  
110 36.4 18.1 54.4  
77 31.2 24.7 37.1

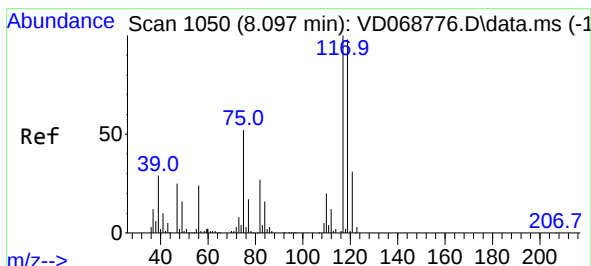
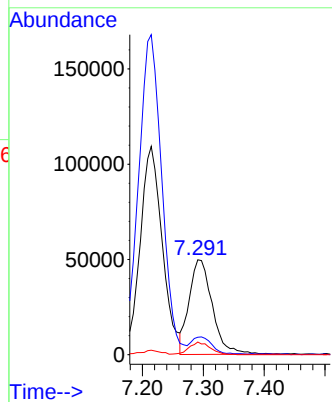
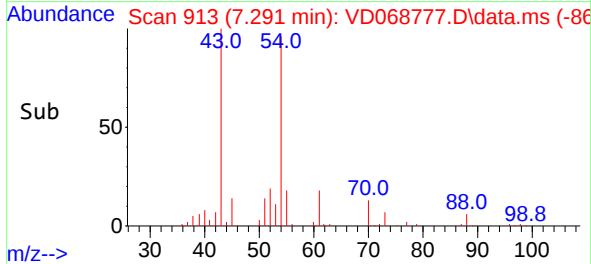




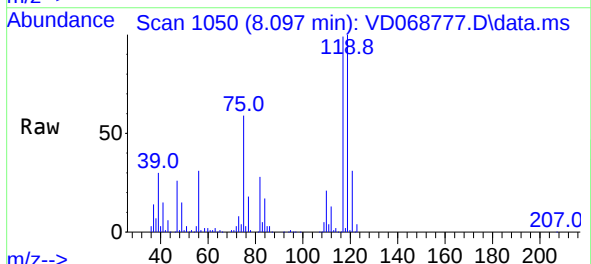
#37  
Ethyl Acetate  
Concen: 97.90 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



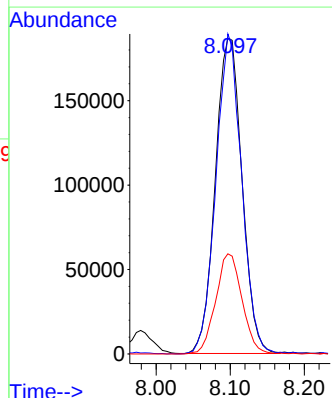
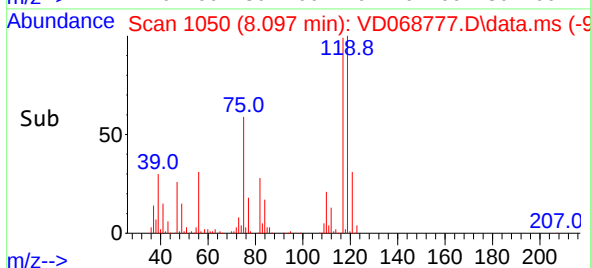
Tgt Ion: 43 Resp: 131265  
Ion Ratio Lower Upper  
43 100  
61 16.2 14.2 21.4  
70 12.1 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 108.13 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



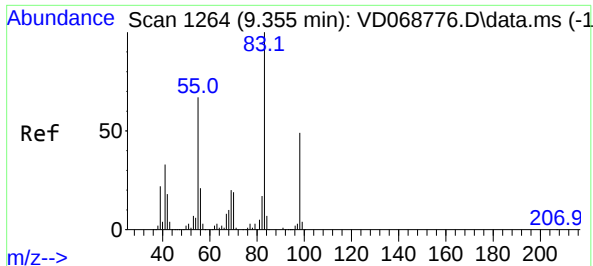
Tgt Ion: 117 Resp: 468087  
Ion Ratio Lower Upper  
117 100  
119 101.4 76.6 115.0  
121 31.7 26.1 39.1



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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#39

Methylcyclohexane

Concen: 112.59 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068777.D

Acq: 07 Apr 2021 12:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 597200 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 66.0  | 51.7  | 77.5   |
| 98       | 49.5  | 38.8  | 58.2   |

Instrument :

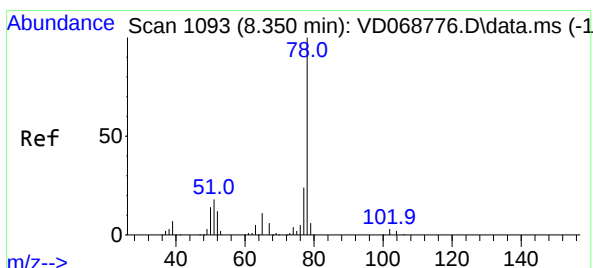
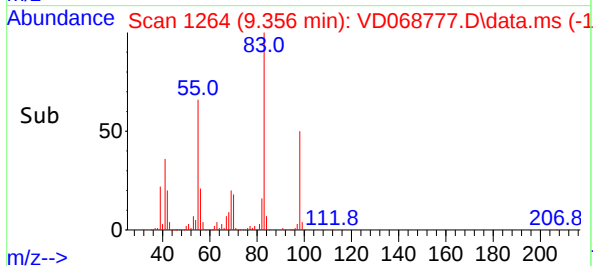
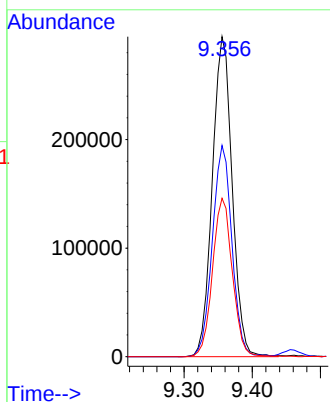
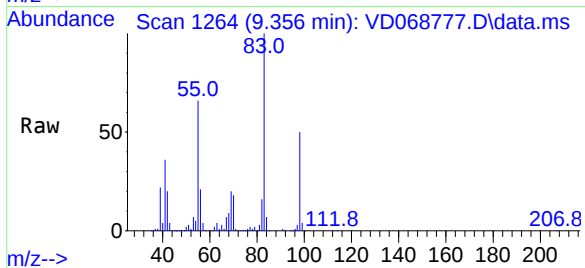
MSVOA\_D

ClientSampleId :

VSTDIC100

Manual Integrations  
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#40

Benzene

Concen: 108.66 ug/l

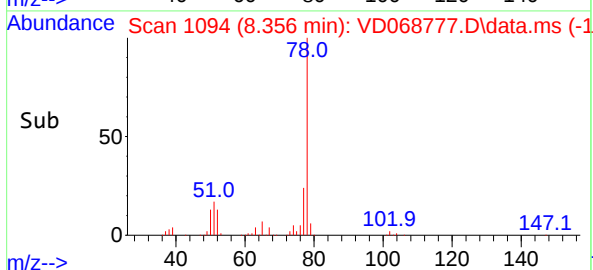
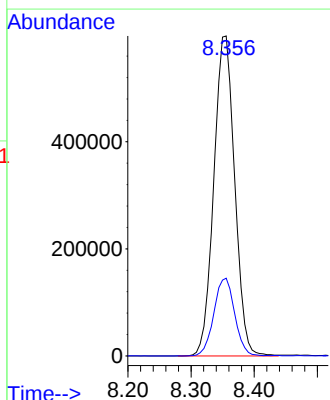
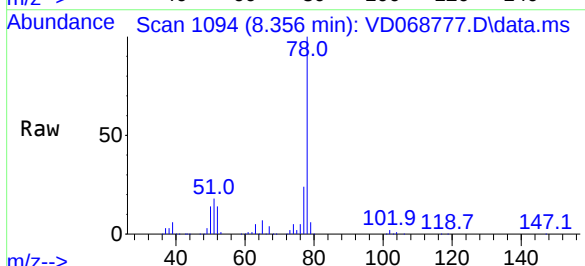
RT: 8.356 min Scan# 1094

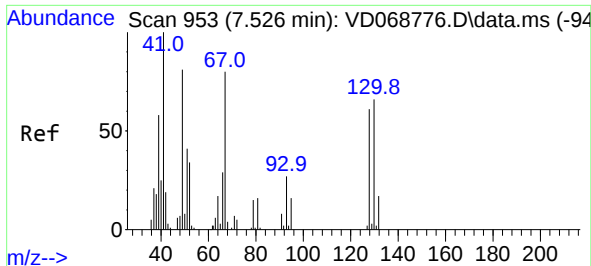
Delta R.T. 0.006 min

Lab File: VD068777.D

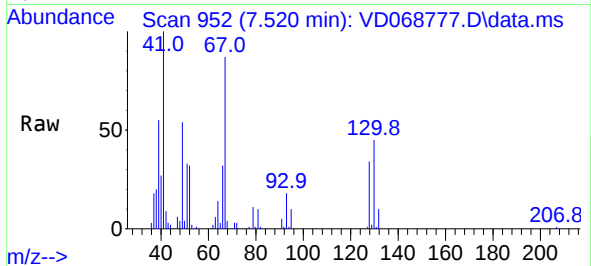
Acq: 07 Apr 2021 12:06

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 78    | Resp: | 1372566 |
| Ion      | Ratio | Lower | Upper   |
| 78       | 100   |       |         |
| 77       | 24.3  | 18.2  | 27.2    |

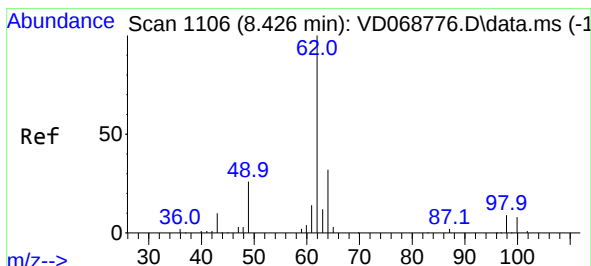
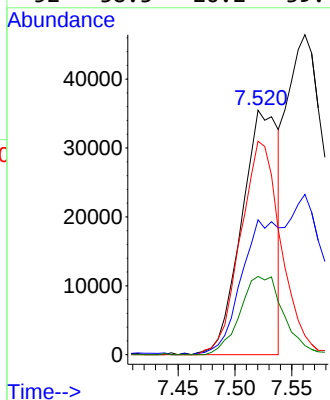
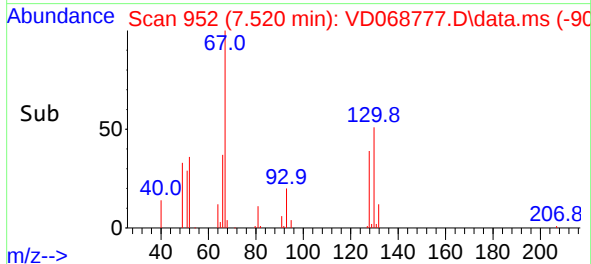




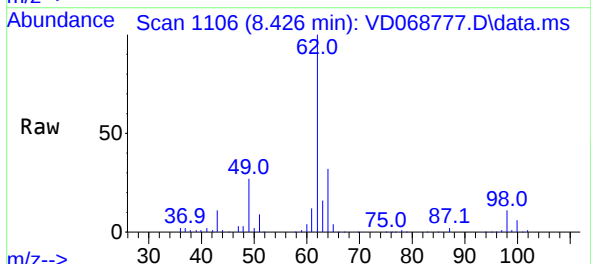
#41  
Methacrylonitrile  
Concen: 104.88 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



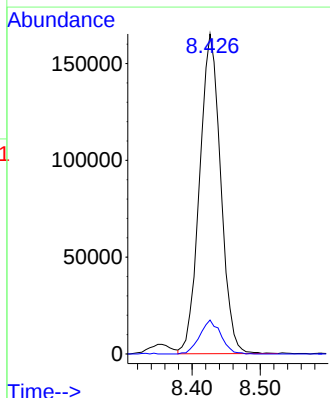
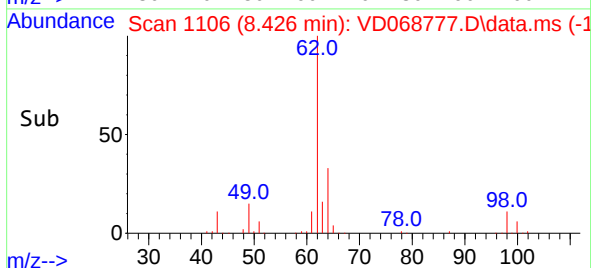
Tgt Ion: 41 Resp: 79317  
Ion Ratio Lower Upper  
41 100  
39 55.9 43.2 64.8  
67 96.8 63.9 95.9#  
52 38.3 26.2 39.4



#42  
1,2-Dichloroethane  
Concen: 107.06 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



Tgt Ion: 62 Resp: 355279  
Ion Ratio Lower Upper  
62 100  
98 10.6 0.0 22.6



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

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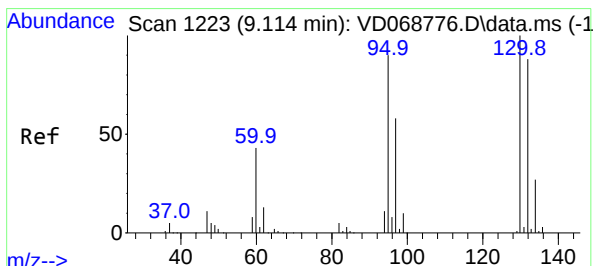
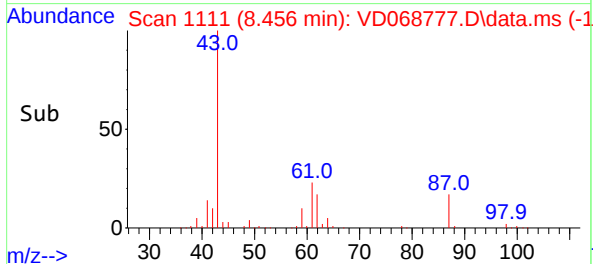
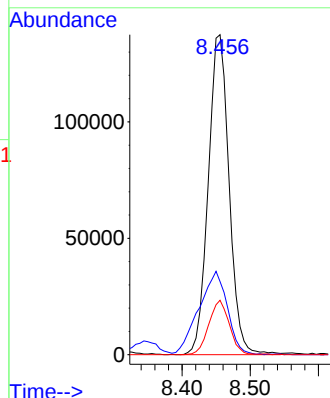
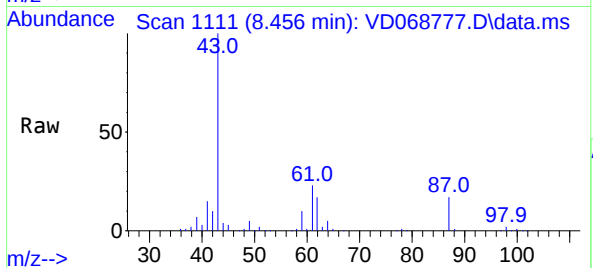
#43  
Isopropyl Acetate  
Concen: 112.03 ug/l  
RT: 8.456 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 43 Resp: 293099  
Ion Ratio Lower Upper  
43 100  
61 35.5 29.5 44.3  
87 16.7 13.5 20.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

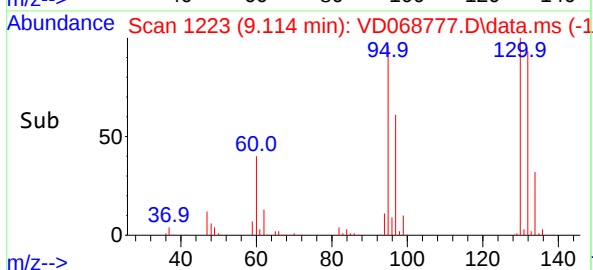
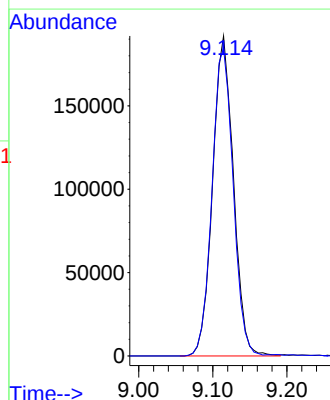
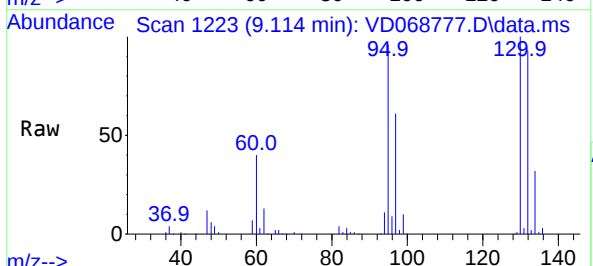
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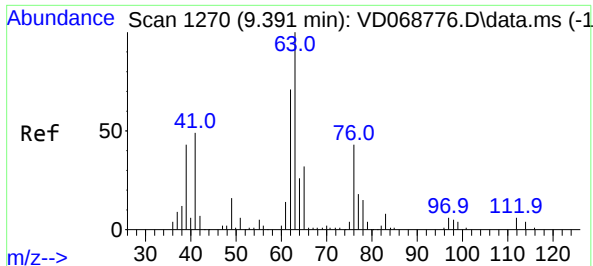
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#44  
Trichloroethene  
Concen: 106.73 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion:130 Resp: 374395  
Ion Ratio Lower Upper  
130 100  
95 96.2 0.0 203.8





#45

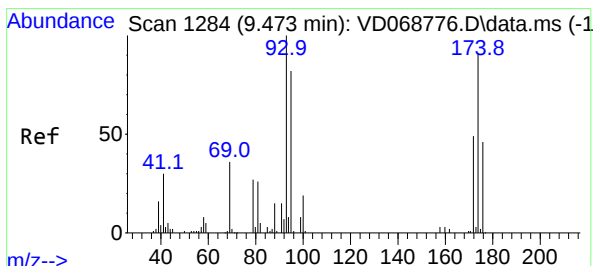
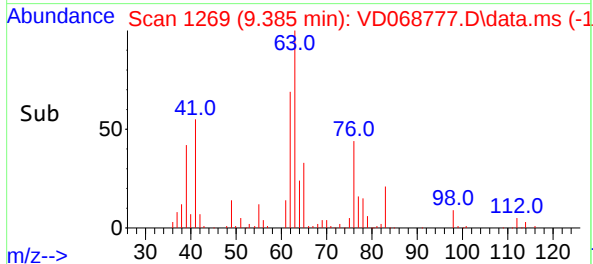
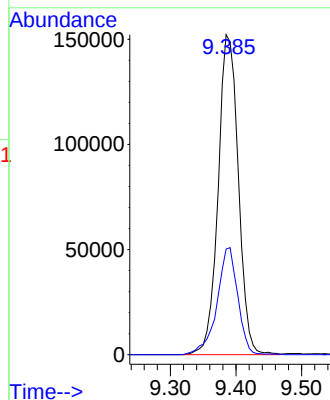
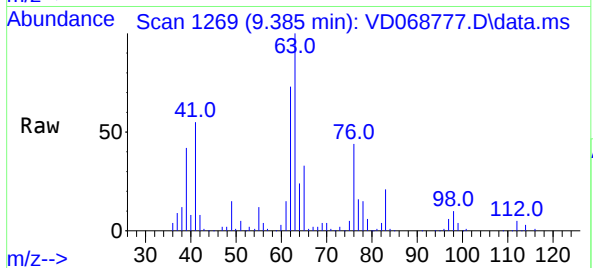
1,2-Dichloropropane  
Concen: 107.61 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 63 Resp: 325281  
Ion Ratio Lower Upper  
63 100  
65 33.0 27.0 40.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

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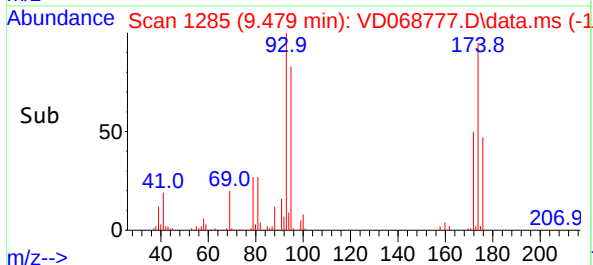
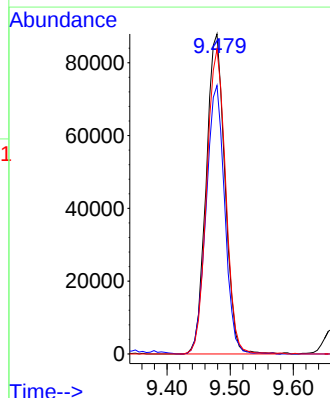
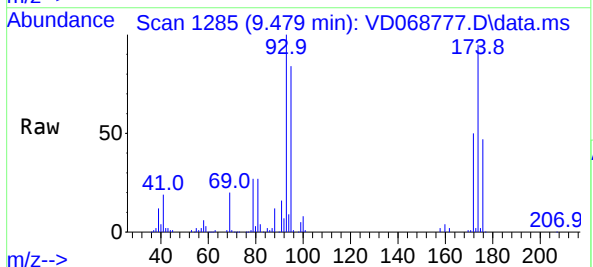
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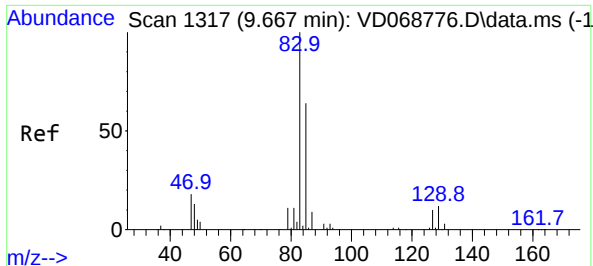


#46

Dibromomethane  
Concen: 105.49 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. 0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 93 Resp: 181102  
Ion Ratio Lower Upper  
93 100  
95 82.9 64.5 96.7  
174 96.3 75.3 112.9





#47  
Bromodichloromethane  
Concen: 108.33 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

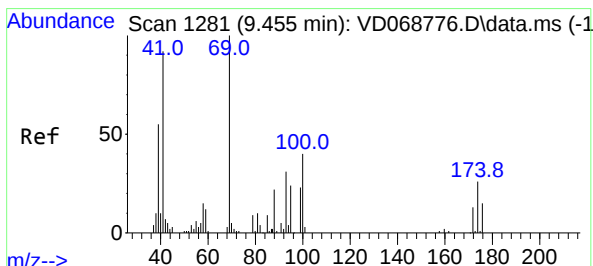
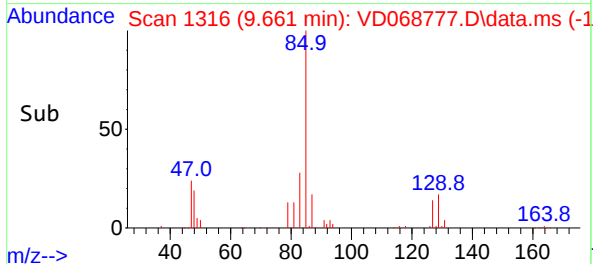
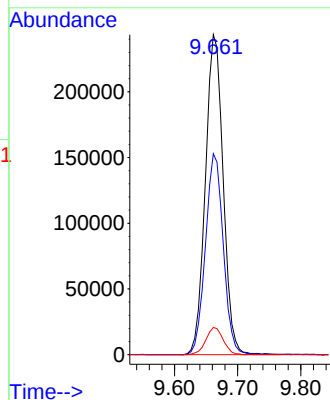
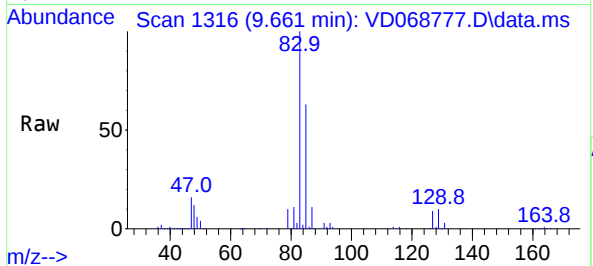
Tgt Ion: 83 Resp: 477477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.8  | 51.0  | 76.6  |
| 127 | 8.5   | 7.1   | 10.7  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

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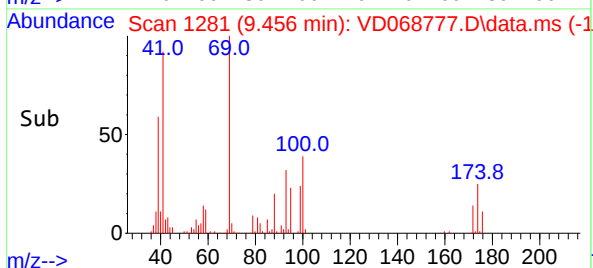
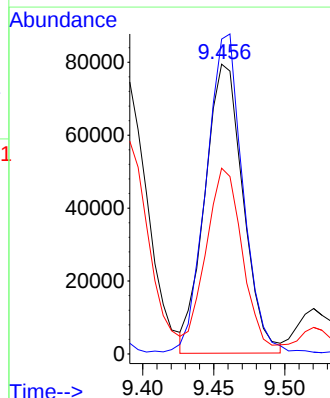
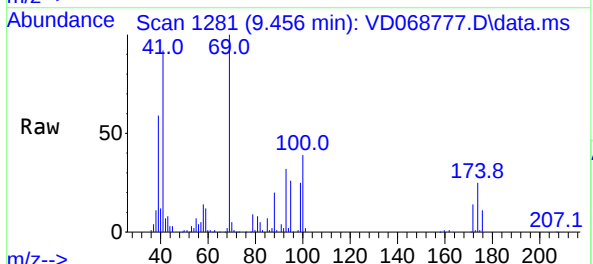
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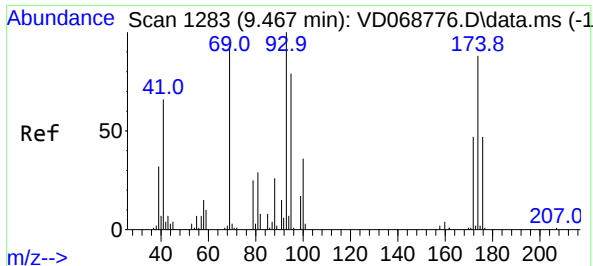


#48  
Methyl methacrylate  
Concen: 111.65 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 41 Resp: 148409

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 106.2 | 83.0  | 124.6 |
| 39  | 55.7  | 47.0  | 70.6  |





#49

1,4-Dioxane

Concen: 2182.96 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD068777.D

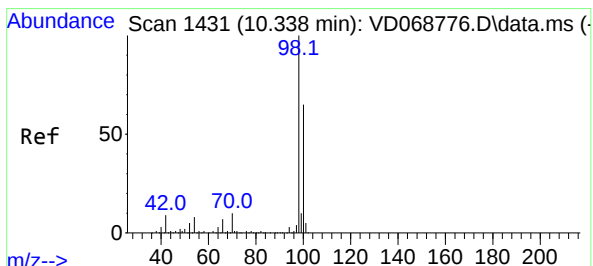
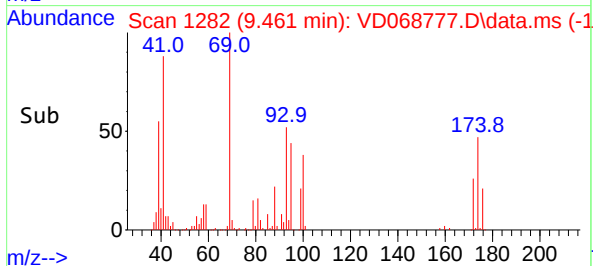
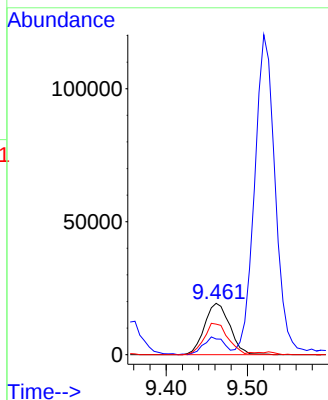
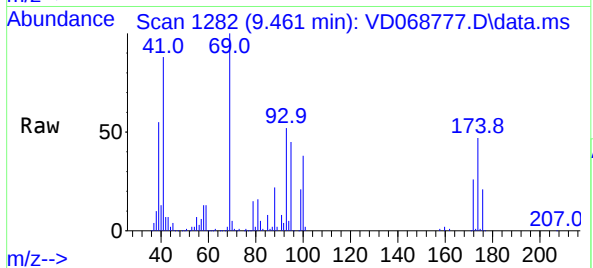
Acq: 07 Apr 2021 12:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 41646 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 28.5  | 25.8  | 38.8  |
| 58       | 58.9  | 54.0  | 81.0  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

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#50

Toluene-d8

Concen: 108.60 ug/l

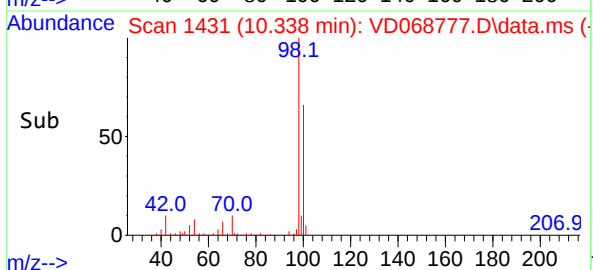
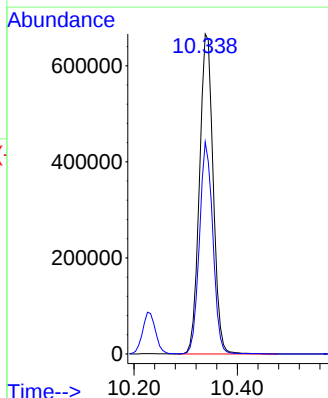
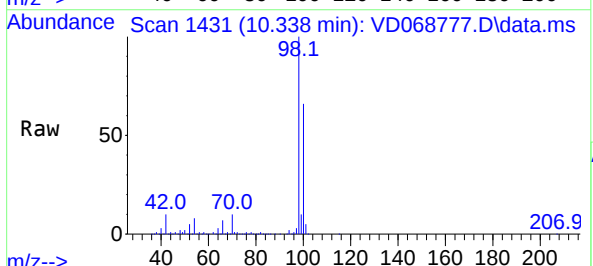
RT: 10.338 min Scan# 1431

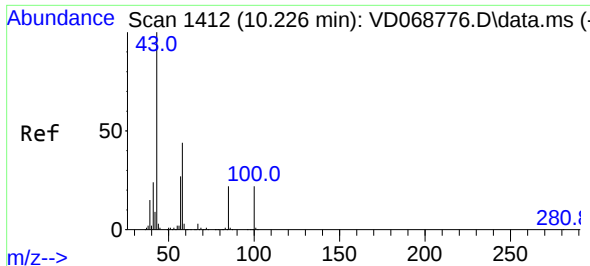
Delta R.T. 0.000 min

Lab File: VD068777.D

Acq: 07 Apr 2021 12:06

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 98    | Resp: | 1226865 |
| Ion      | Ratio | Lower | Upper   |
| 98       | 100   |       |         |
| 100      | 64.8  | 51.8  | 77.6    |





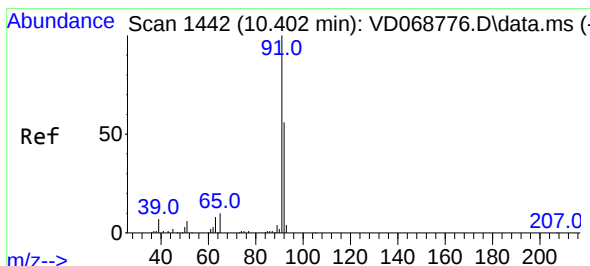
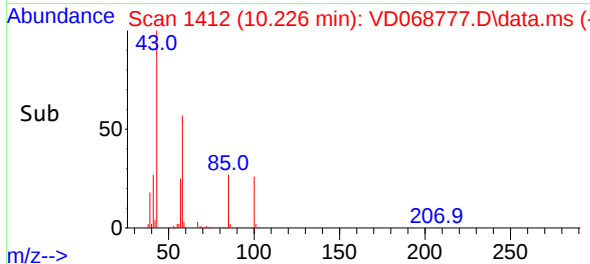
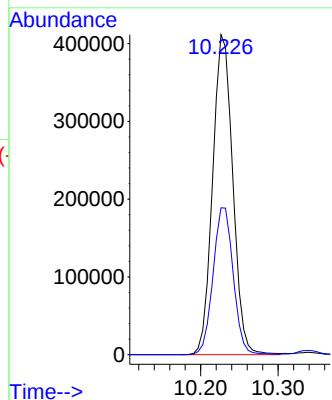
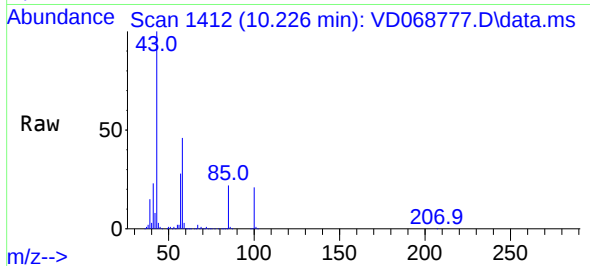
#51  
4-Methyl-2-Pentanone  
Concen: 543.01 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 43 Resp: 743070  
Ion Ratio Lower Upper  
43 100  
58 46.0 37.3 55.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

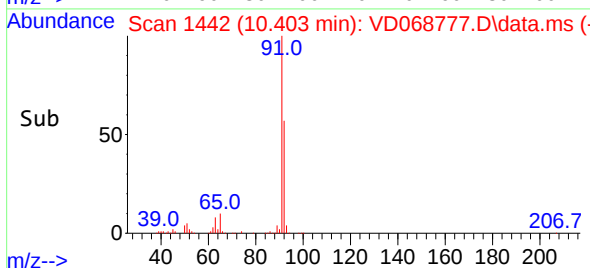
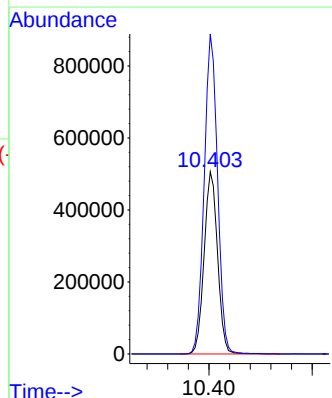
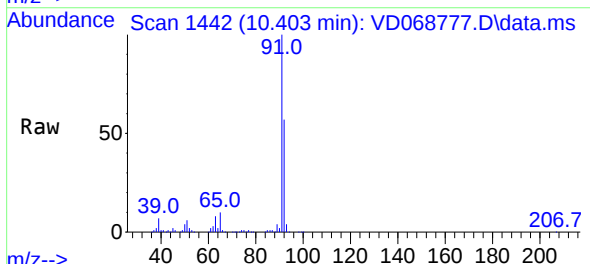
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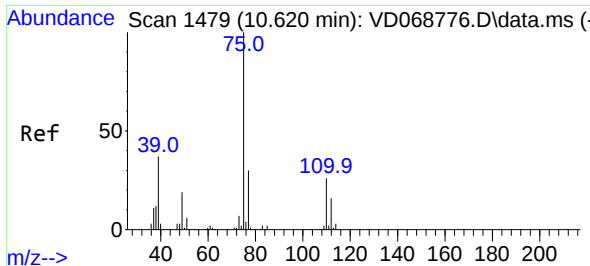
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#52  
Toluene  
Concen: 113.47 ug/l  
RT: 10.403 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 92 Resp: 909992  
Ion Ratio Lower Upper  
92 100  
91 175.0 139.1 208.7





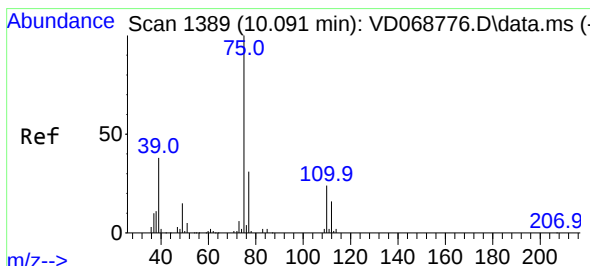
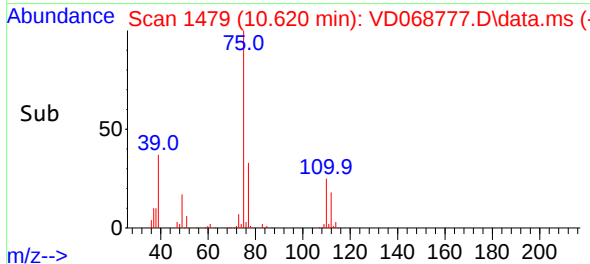
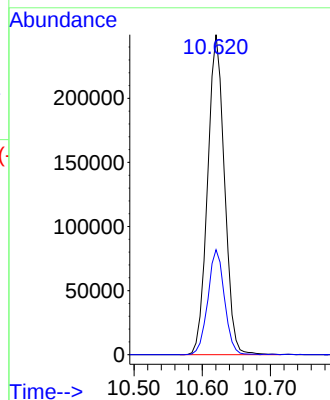
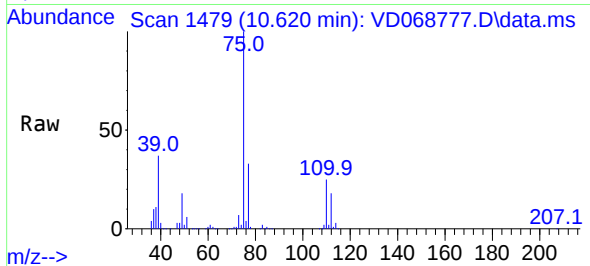
#53  
t-1,3-Dichloropropene  
Concen: 106.45 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 75 Resp: 430891  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

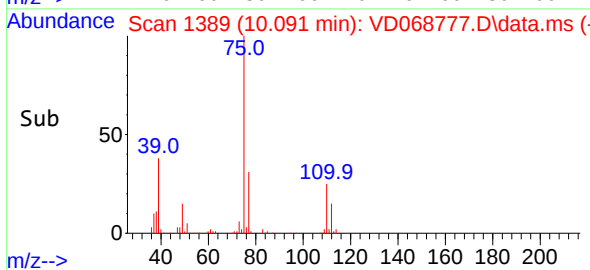
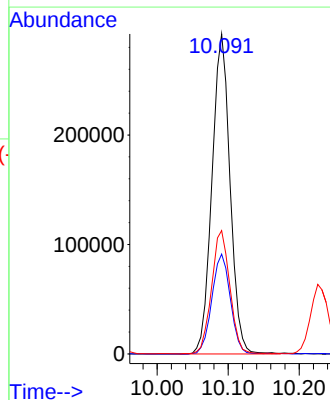
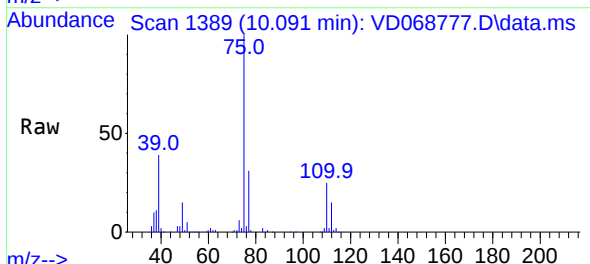
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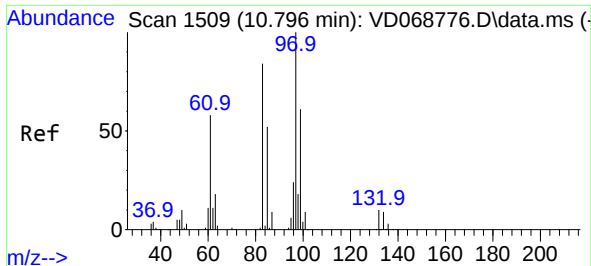
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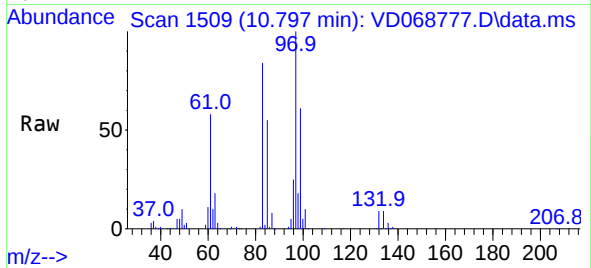
#54  
cis-1,3-Dichloropropene  
Concen: 107.21 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion: 75 Resp: 515731  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.7 37.1  
39 38.5 30.2 45.2



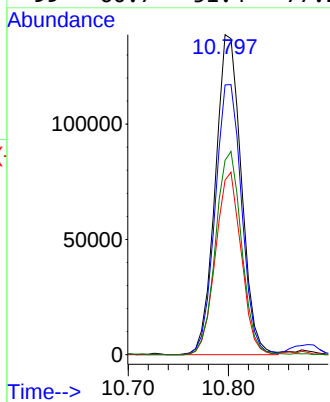


#55  
1,1,2-Trichloroethane  
Concen: 103.13 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



Tgt Ion: 97 Resp: 250367

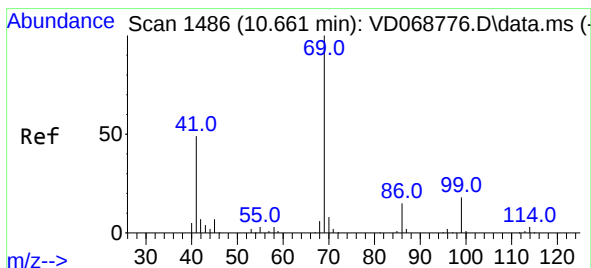
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.3  | 65.7  | 98.5  |
| 85  | 54.6  | 44.3  | 66.5  |
| 99  | 60.7  | 51.4  | 77.2  |



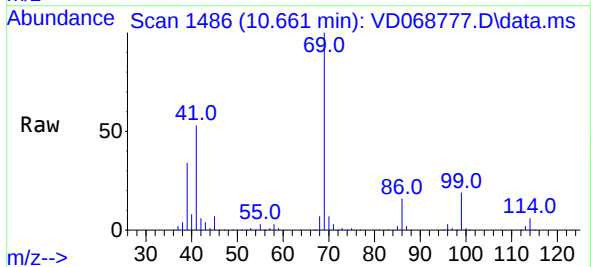
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

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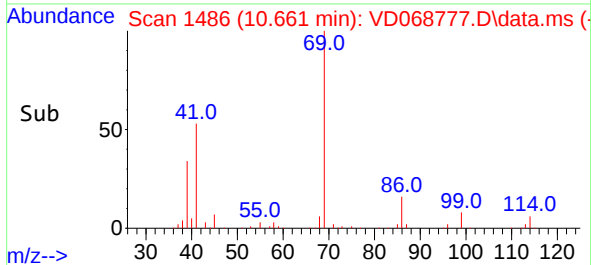
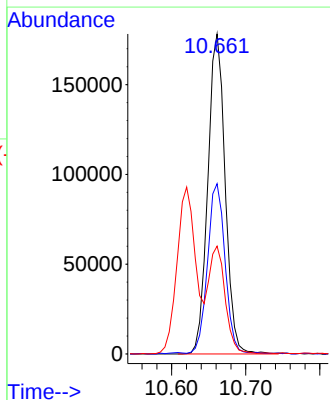


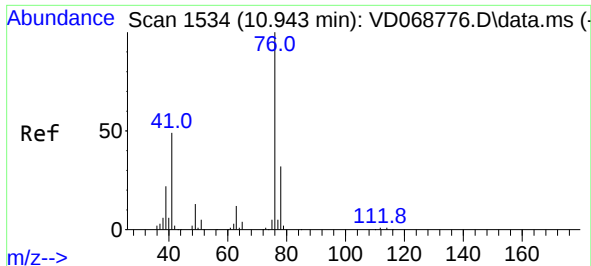
#56  
Ethyl methacrylate  
Concen: 111.48 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



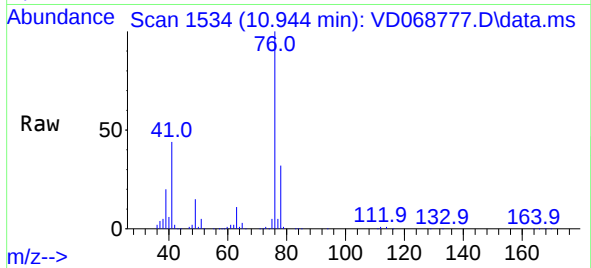
Tgt Ion: 69 Resp: 289958

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 53.3  | 42.2  | 63.4  |
| 39  | 31.1  | 24.2  | 36.2  |

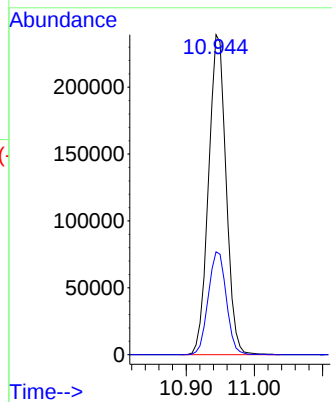
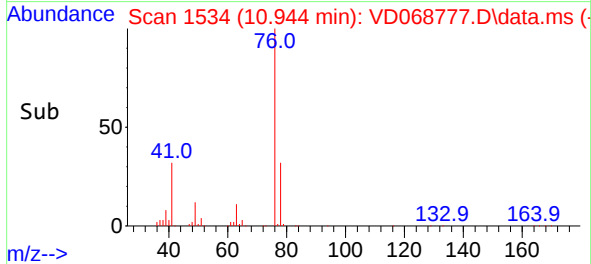




#57  
1,3-Dichloropropane  
Concen: 108.79 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



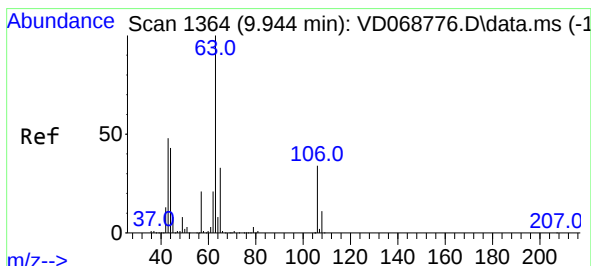
Tgt Ion: 76 Resp: 428455  
Ion Ratio Lower Upper  
76 100  
78 33.1 25.8 38.6



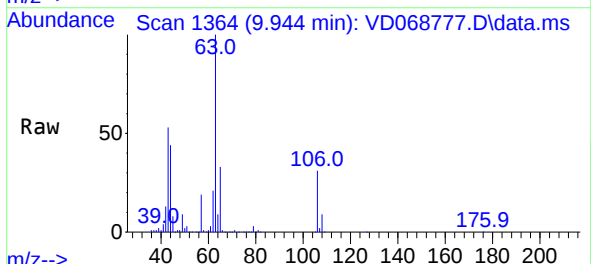
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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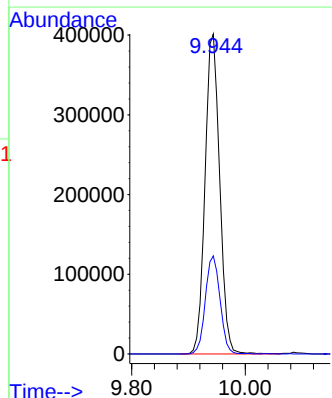
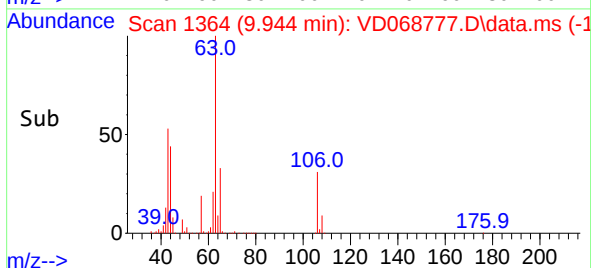
MMDadoda  
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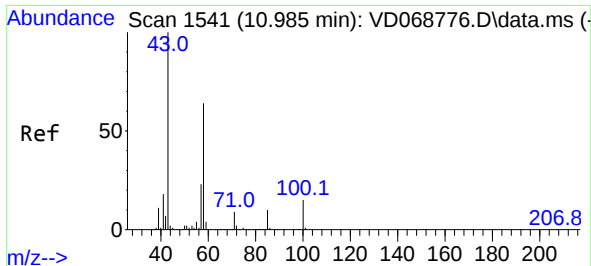


#58  
2-Chloroethyl Vinyl ether  
Concen: 542.42 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



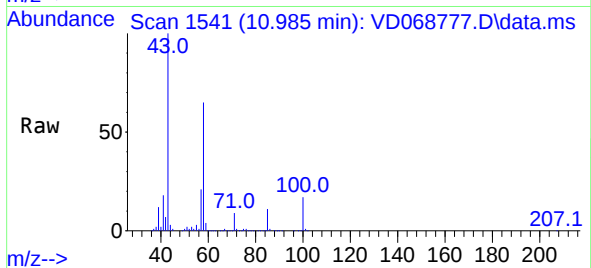
Tgt Ion: 63 Resp: 715069  
Ion Ratio Lower Upper  
63 100  
106 30.8 24.6 36.8





#59  
2-Hexanone  
Concen: 547.71 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

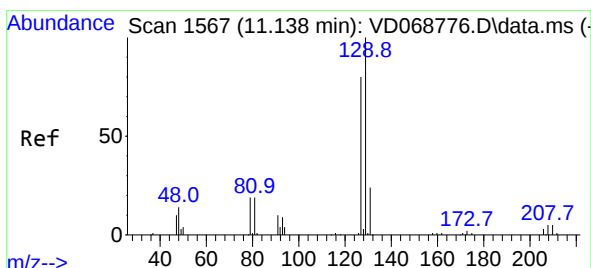
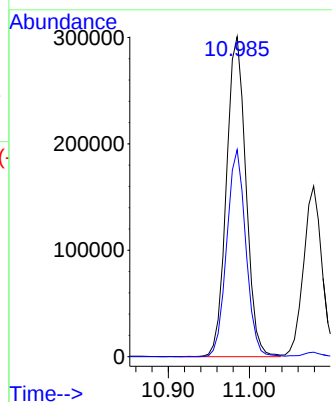
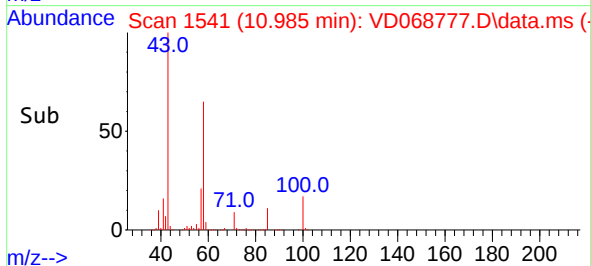
Instrument :  
MSVOA\_D  
ClientSampled :  
VSTDIC100



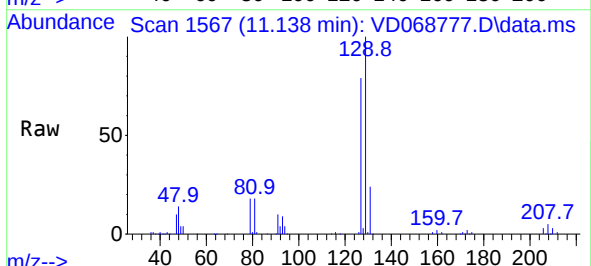
Tgt Ion: 43 Resp: 502399  
Ion Ratio Lower Upper  
43 100  
58 63.3 31.3 93.8

Manual Integrations  
APPROVED

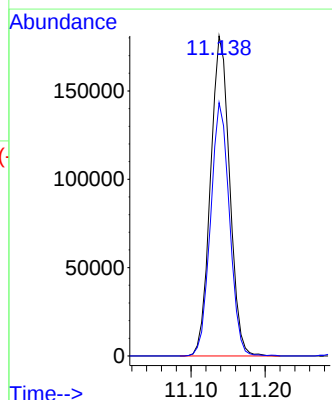
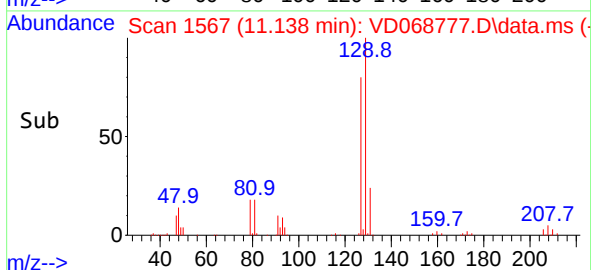
MMDadoda  
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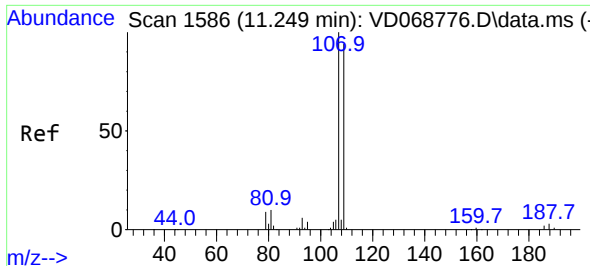


#60  
Dibromochloromethane  
Concen: 108.06 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



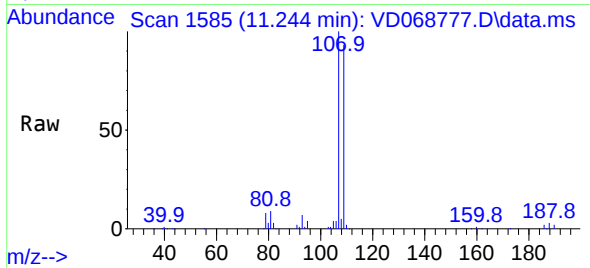
Tgt Ion: 129 Resp: 324522  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.8 116.3





#61  
1,2-Dibromoethane  
Concen: 107.34 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

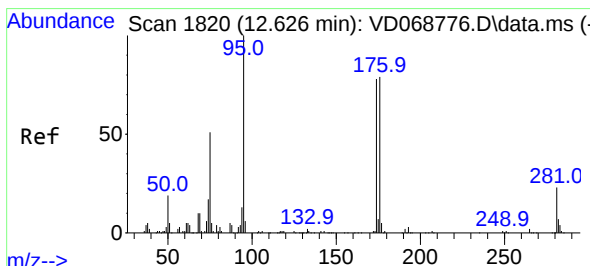
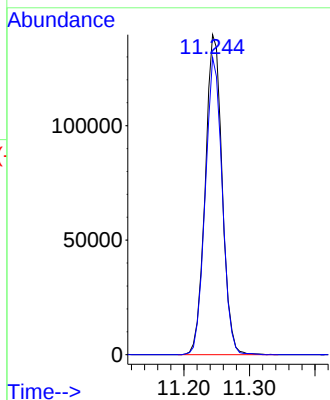
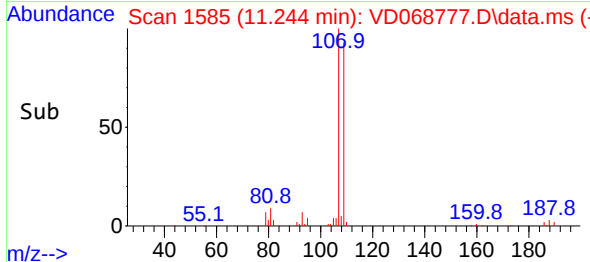
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



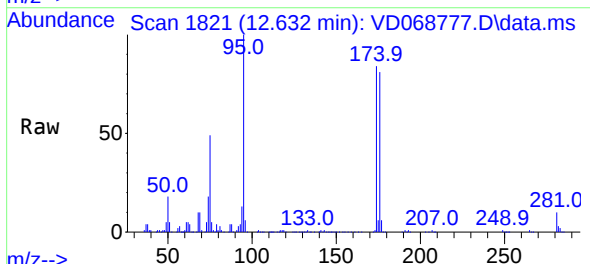
Tgt Ion:107 Resp: 250639  
Ion Ratio Lower Upper  
107 100  
109 93.0 74.9 112.3

Manual Integrations  
APPROVED

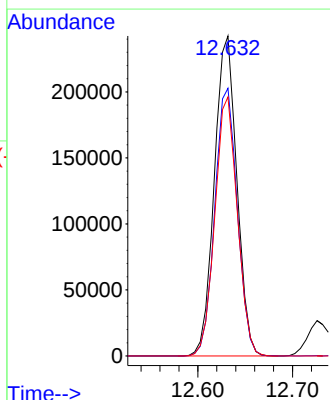
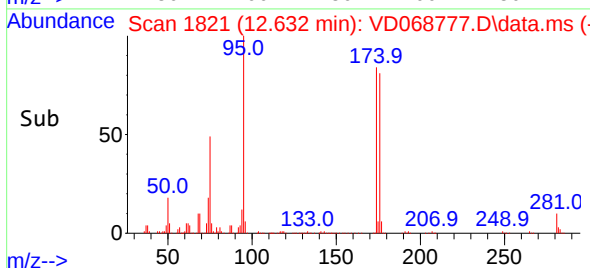
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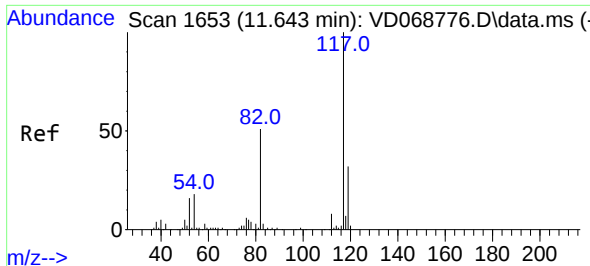


#62  
4-Bromofluorobenzene  
Concen: 108.38 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



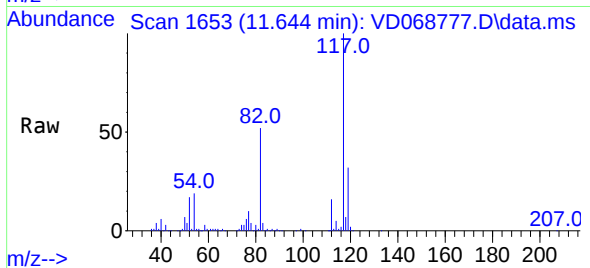
Tgt Ion: 95 Resp: 399866  
Ion Ratio Lower Upper  
95 100  
174 83.6 0.0 168.0  
176 80.7 0.0 160.2





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

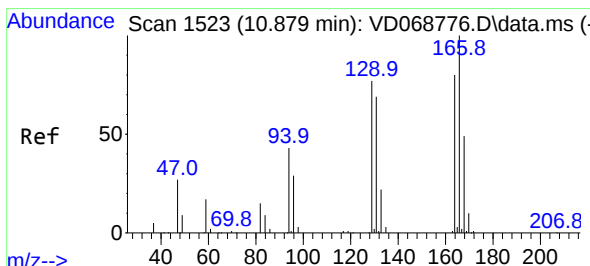
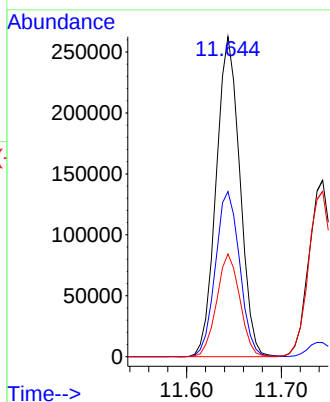
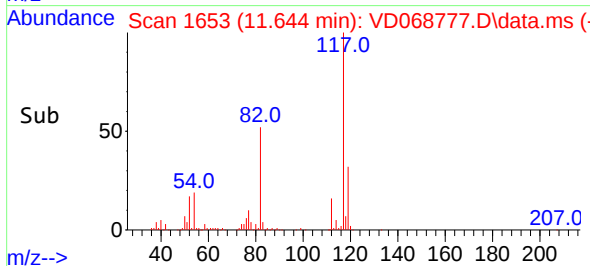
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



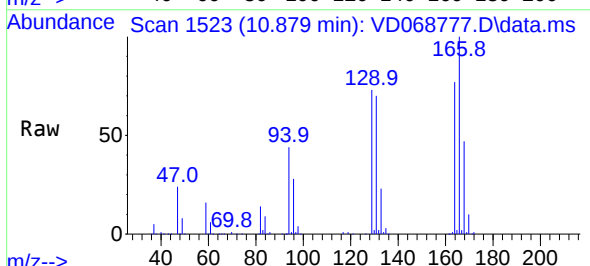
Tgt Ion:117 Resp: 457105  
Ion Ratio Lower Upper  
117 100  
82 51.6 43.5 65.3  
119 32.1 26.7 40.1

Manual Integrations  
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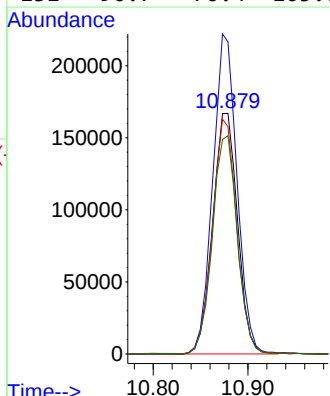
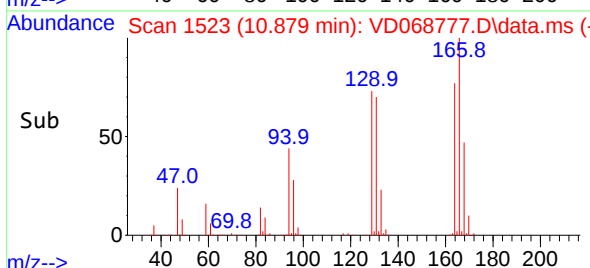
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#64  
Tetrachloroethene  
Concen: 102.14 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



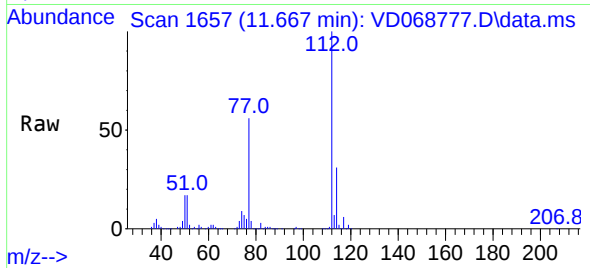
Tgt Ion:164 Resp: 305200  
Ion Ratio Lower Upper  
164 100  
166 129.7 103.0 154.6  
129 94.4 77.4 116.0  
131 90.7 70.4 105.6





#65  
Chlorobenzene  
Concen: 106.55 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

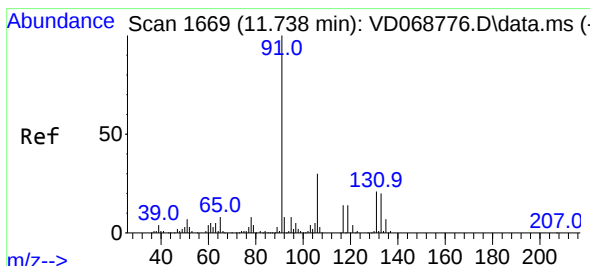
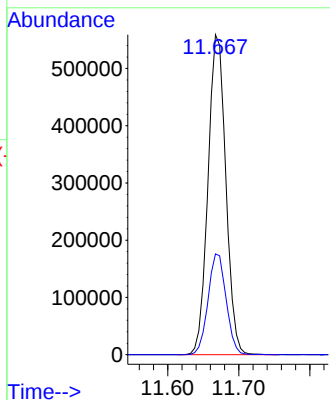
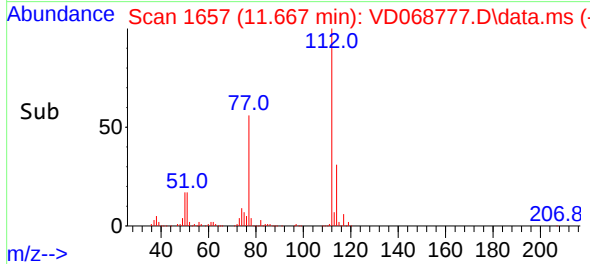
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



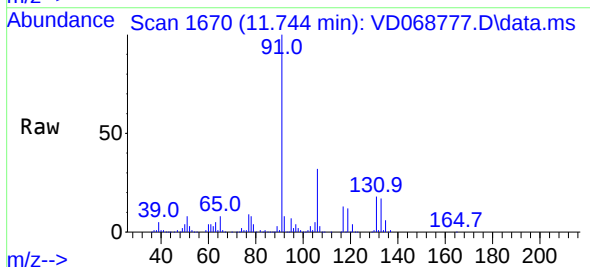
Tgt Ion:112 Resp: 973251  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.2 37.8

Manual Integrations  
APPROVED

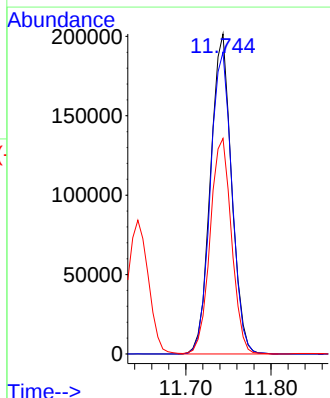
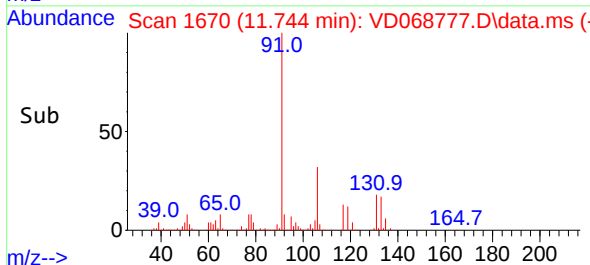
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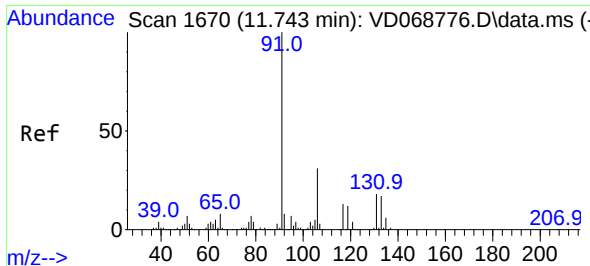


#66  
1,1,1,2-Tetrachloroethane  
Concen: 105.04 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



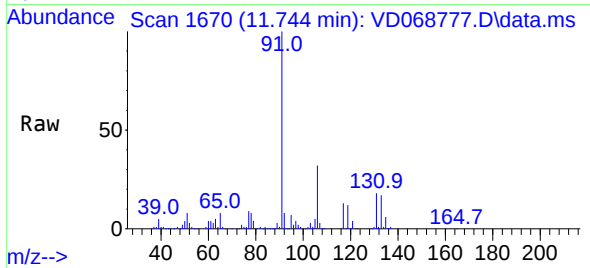
Tgt Ion:131 Resp: 345592  
Ion Ratio Lower Upper  
131 100  
133 96.5 47.0 141.2  
119 68.3 32.8 98.3





#67  
Ethyl Benzene  
Concen: 111.63 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

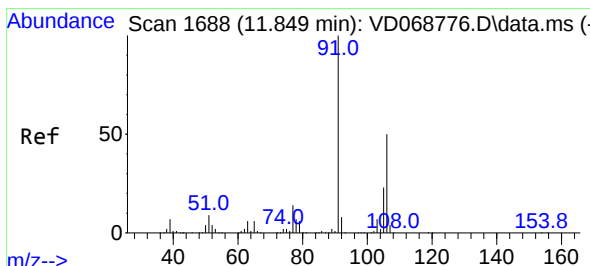
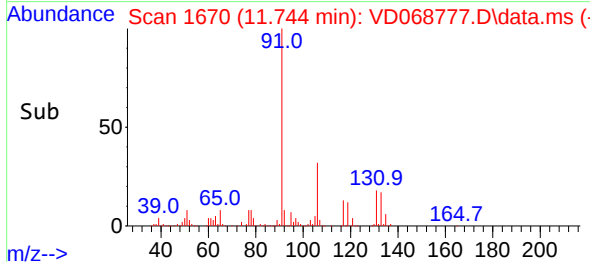
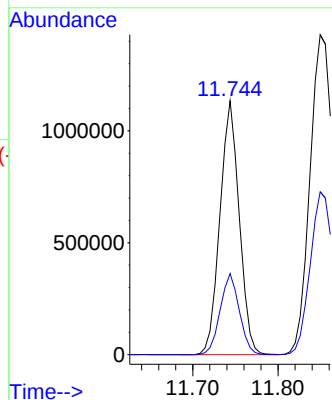
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



Tgt Ion: 91 Resp: 1781818  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.1 37.7

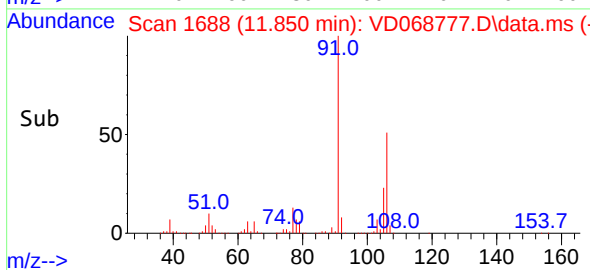
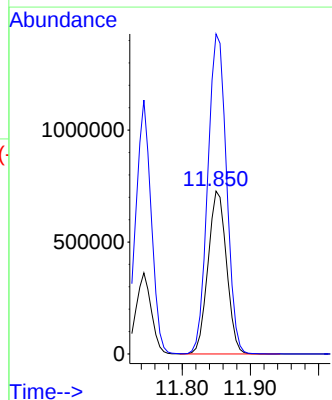
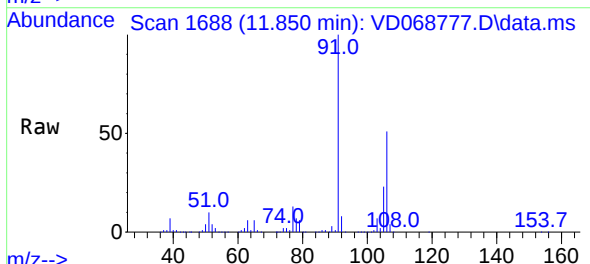
Manual Integrations  
APPROVED

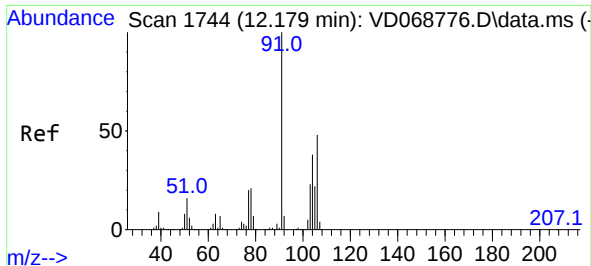
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#68  
m/p-Xylenes  
Concen: 221.27 ug/l  
RT: 11.850 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

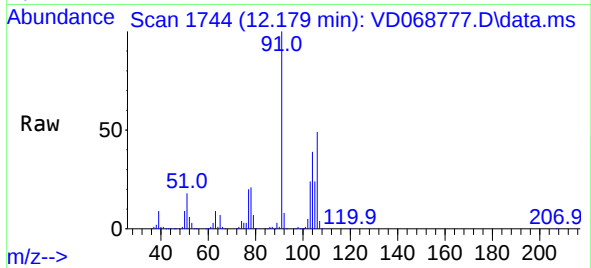
Tgt Ion: 106 Resp: 1374069  
Ion Ratio Lower Upper  
106 100  
91 198.4 158.6 238.0



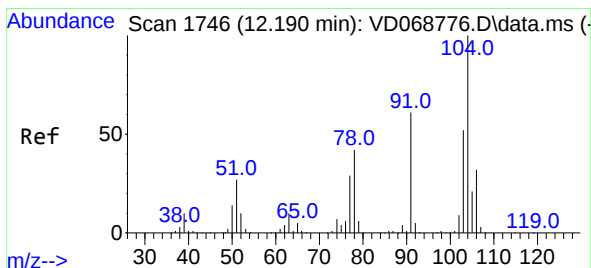
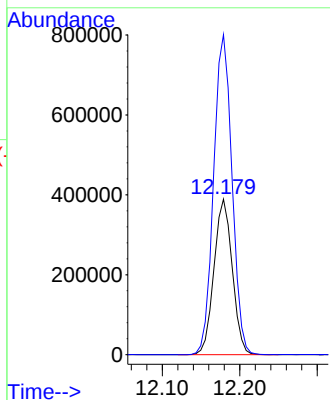
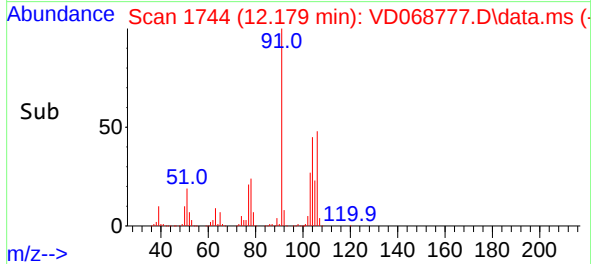


#69  
o-Xylene  
Concen: 110.92 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

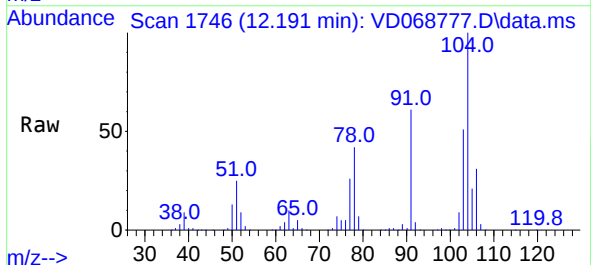
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



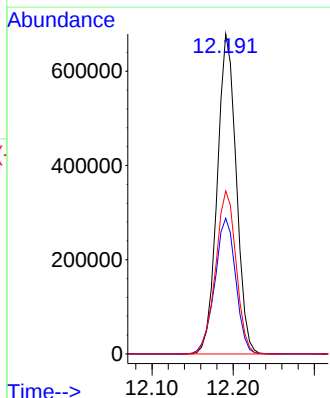
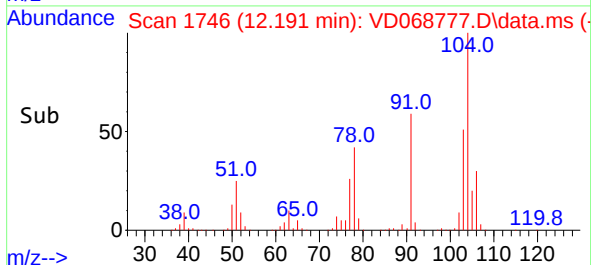
Tgt Ion:106 Resp: 637229  
Ion Ratio Lower Upper  
106 100  
91 206.9 105.0 315.0

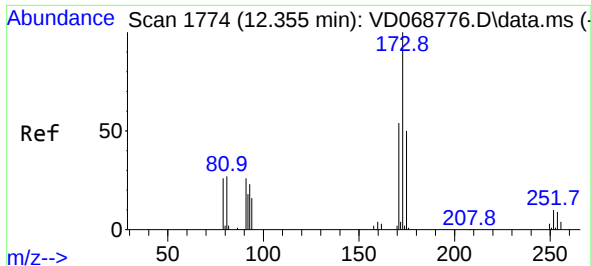


#70  
Styrene  
Concen: 111.79 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



Tgt Ion:104 Resp: 1104960  
Ion Ratio Lower Upper  
104 100  
78 46.6 36.9 55.3  
103 55.1 44.3 66.5





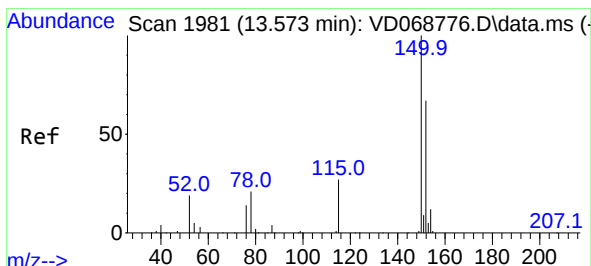
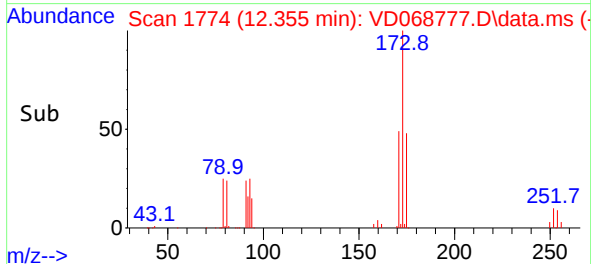
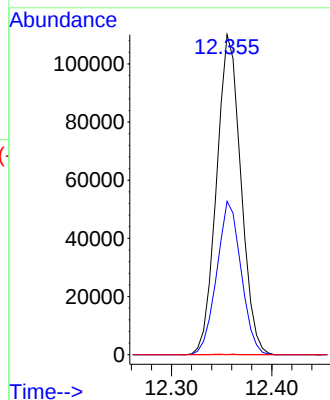
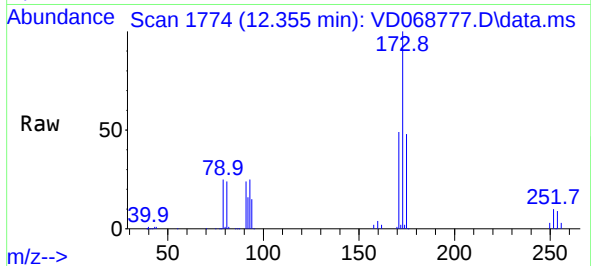
#71  
Bromoform  
Concen: 106.81 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion:173 Resp: 185200  
Ion Ratio Lower Upper  
173 100  
175 47.9 23.6 71.0  
254 0.1 0.0 0.0#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

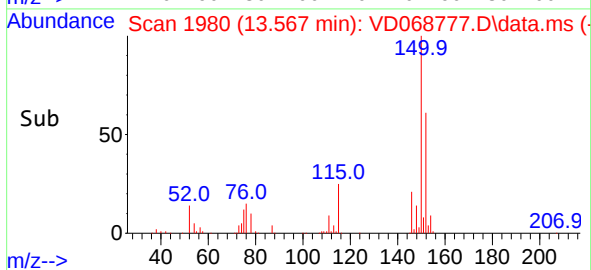
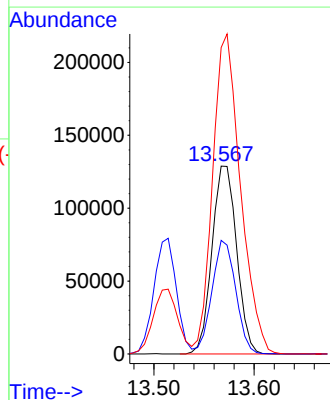
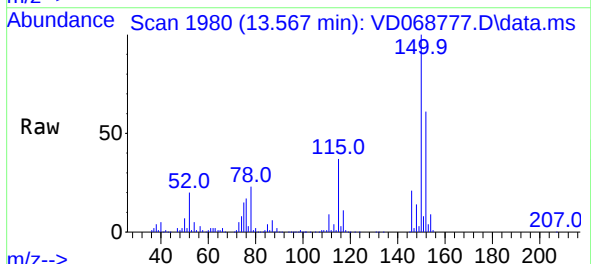
Manual Integrations  
APPROVED

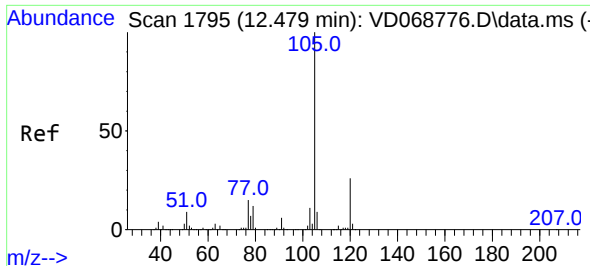
MMDadoda  
4/8/2021 3:08:17 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

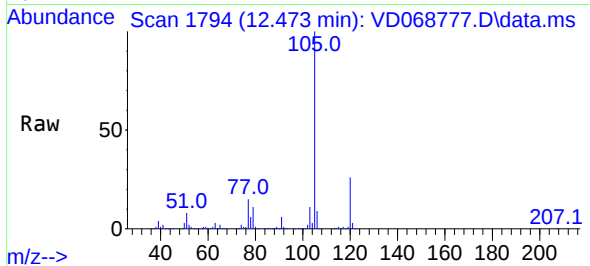
Tgt Ion:152 Resp: 220333  
Ion Ratio Lower Upper  
152 100  
115 58.5 29.3 87.8  
150 192.0 0.0 347.6





#73  
Isopropylbenzene  
Concen: 112.15 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

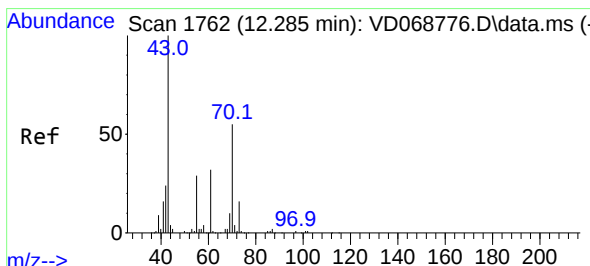
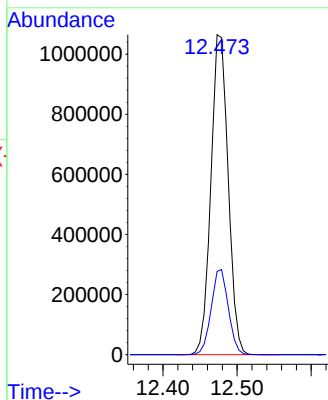
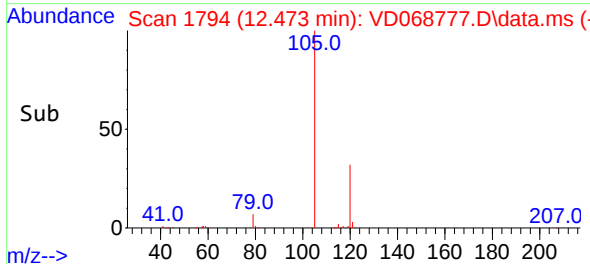
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



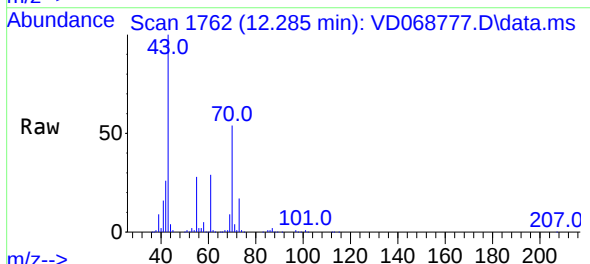
Tgt Ion:105 Resp: 1722009  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.4 40.2

Manual Integrations  
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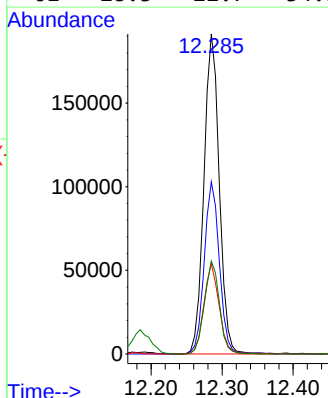
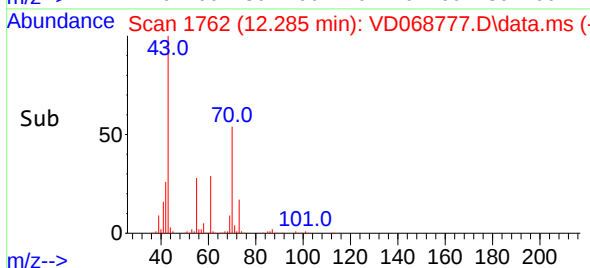
MMDadoda  
4/8/2021 3:08:17 PM

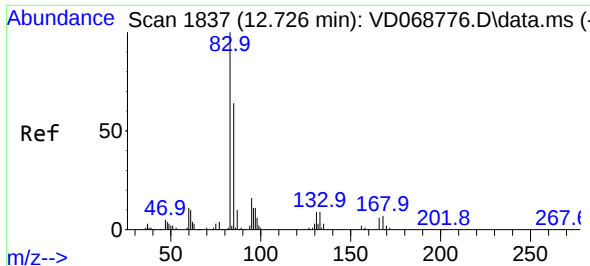


#74  
N-ethyl acetate  
Concen: 112.48 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



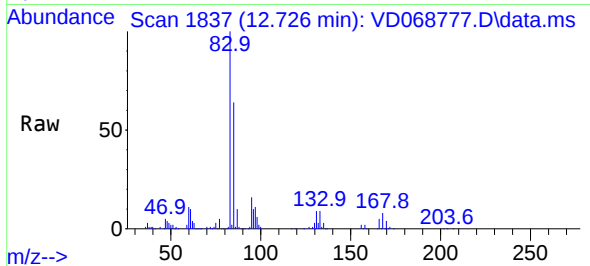
Tgt Ion: 43 Resp: 287999  
Ion Ratio Lower Upper  
43 100  
70 52.9 41.9 62.9  
55 28.1 22.8 34.2  
61 28.3 22.7 34.1





#75  
1,1,2,2-Tetrachloroethane  
Concen: 103.49 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

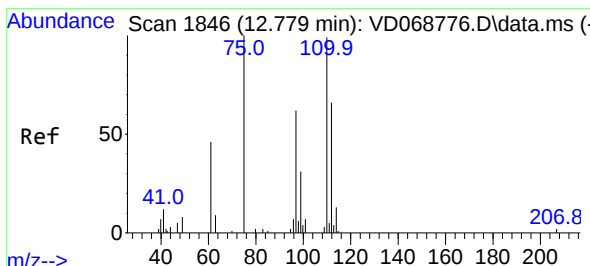
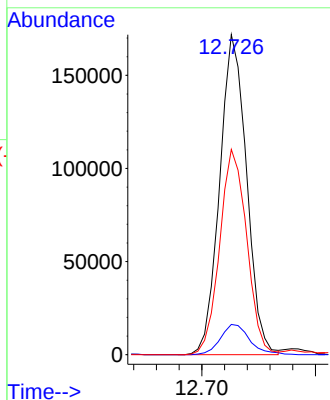
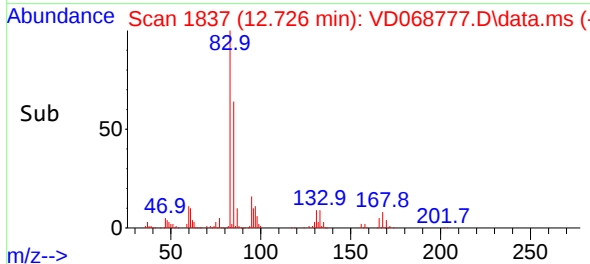
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



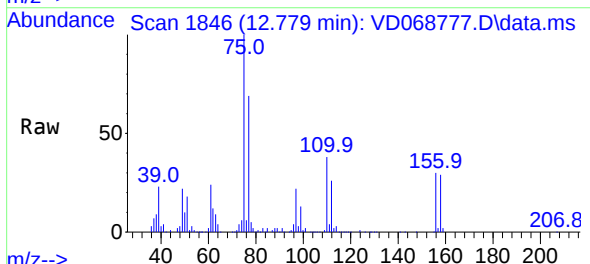
Tgt Ion: 83 Resp: 282777  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.1 15.3  
85 64.5 32.0 96.0

Manual Integrations  
APPROVED

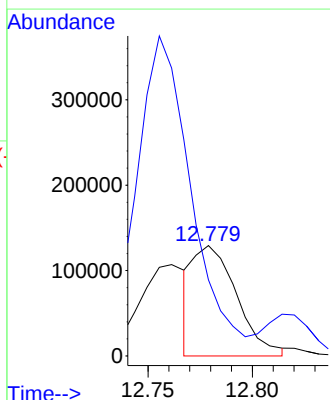
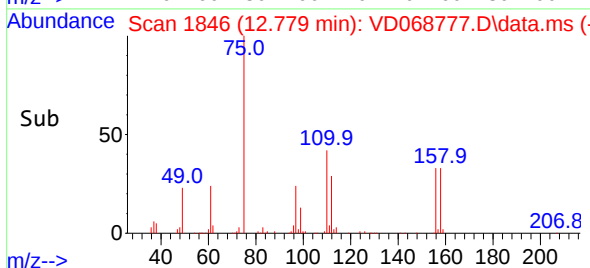
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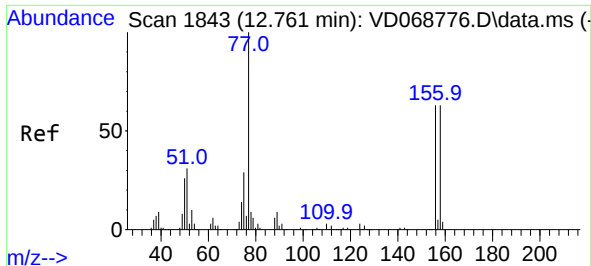


#76  
1,2,3-Trichloropropane  
Concen: 100.41 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



Tgt Ion: 75 Resp: 188194  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





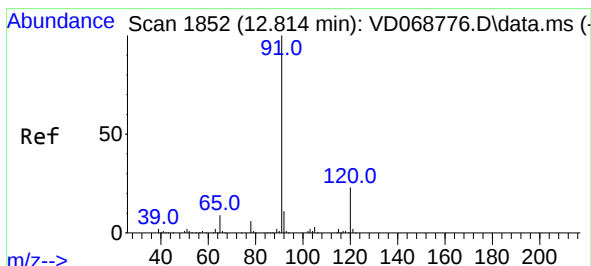
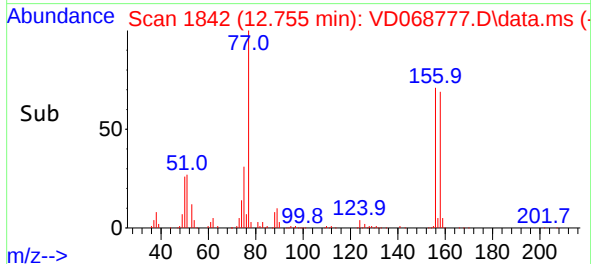
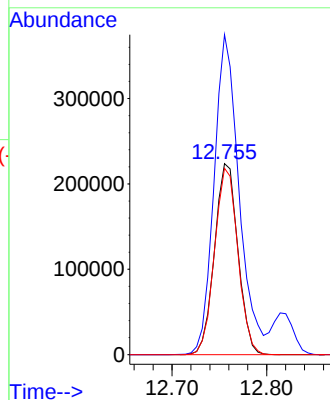
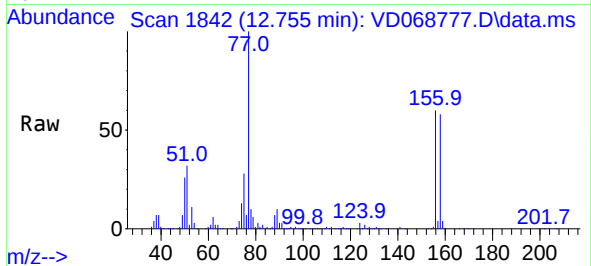
#77  
Bromobenzene  
Concen: 107.11 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion:156 Resp: 384283  
Ion Ratio Lower Upper  
156 100  
77 178.6 88.9 266.8  
158 97.5 47.7 143.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

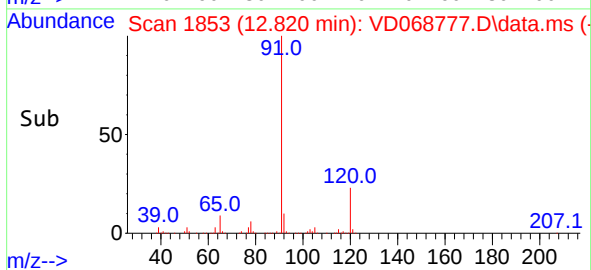
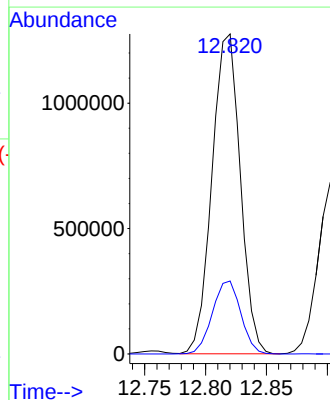
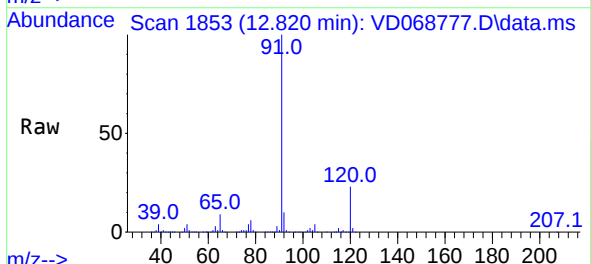
Manual Integrations  
APPROVED

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#78  
n-propylbenzene  
Concen: 112.54 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

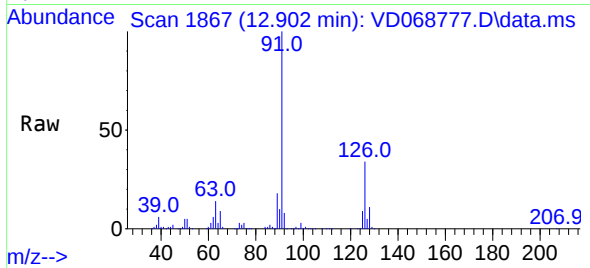
Tgt Ion: 91 Resp: 2060770  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.4 34.2





#79  
2-Chlorotoluene  
Concen: 113.82 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

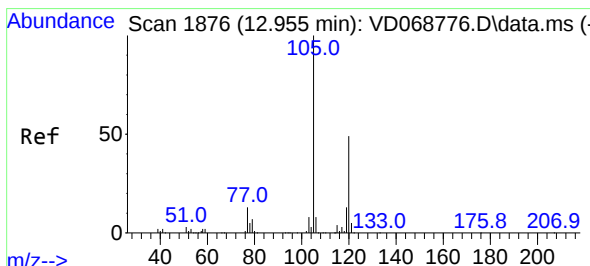
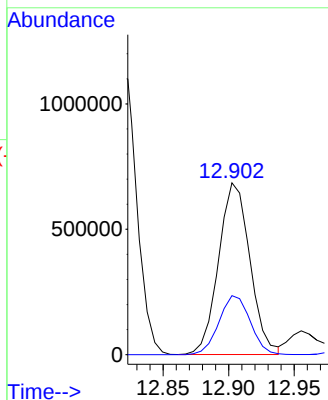
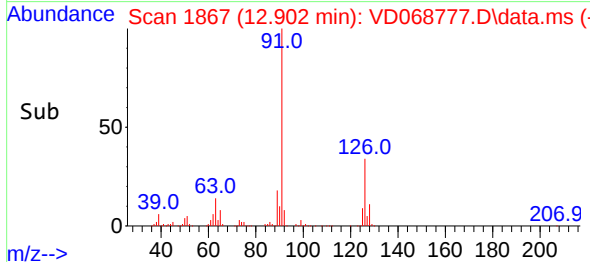
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



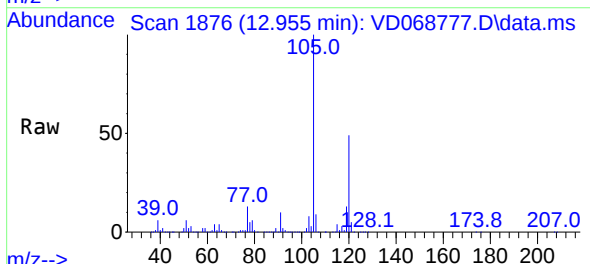
Tgt Ion: 91 Resp: 1142045  
Ion Ratio Lower Upper  
91 100  
126 34.2 17.1 51.3

Manual Integrations  
APPROVED

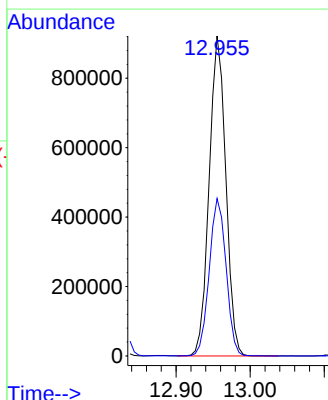
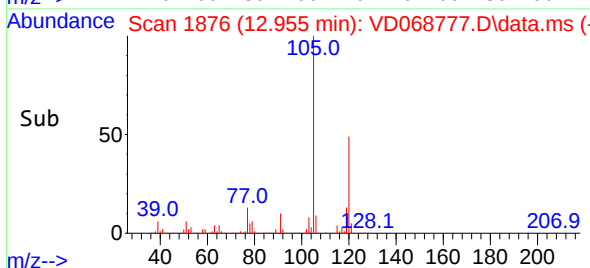
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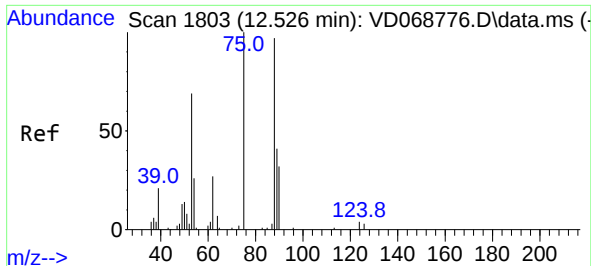


#80  
1,3,5-Trimethylbenzene  
Concen: 114.86 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

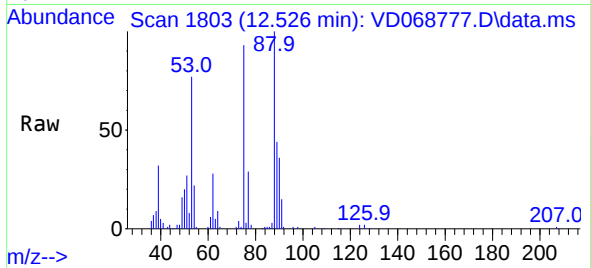


Tgt Ion:105 Resp: 1437646  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.9 74.7

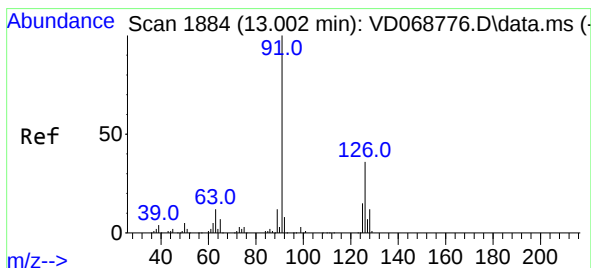
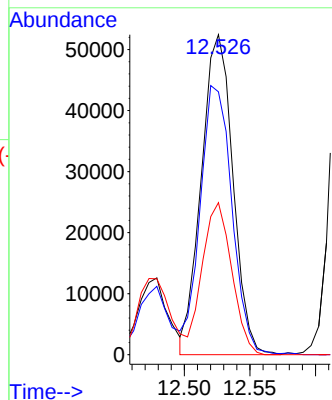
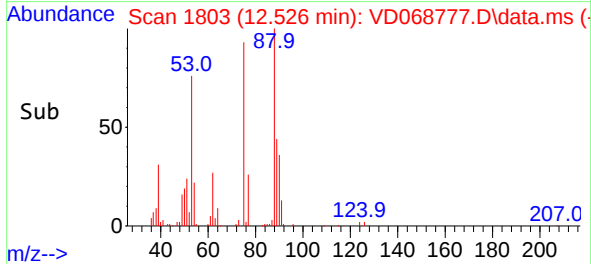




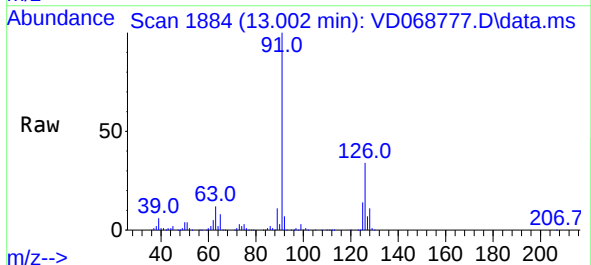
#81  
trans-1,4-Dichloro-2-butene  
Concen: 107.04 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



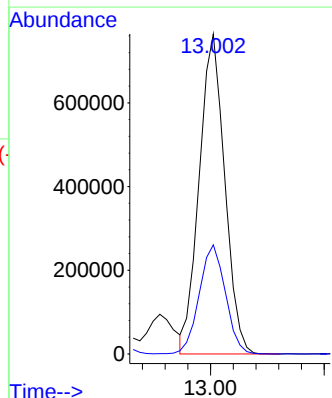
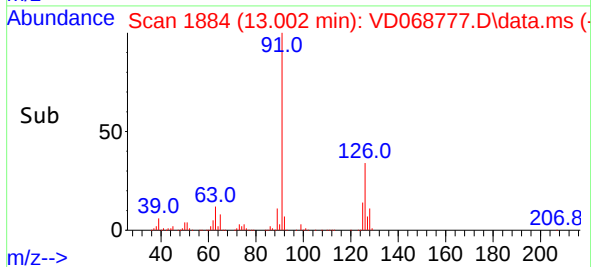
Tgt Ion: 75 Resp: 87832  
Ion Ratio Lower Upper  
75 100  
53 84.6 66.8 100.2  
89 43.9 36.6 54.8



#82  
4-Chlorotoluene  
Concen: 111.50 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



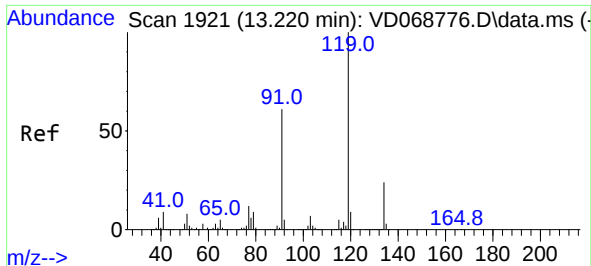
Tgt Ion: 91 Resp: 1189840  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.2 51.5



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

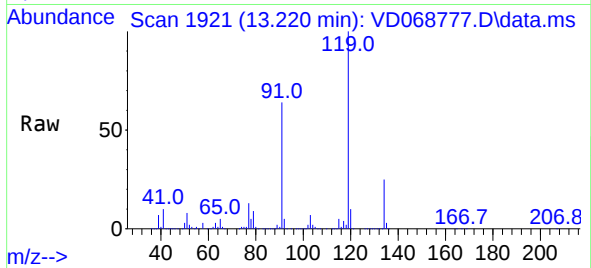
Manual Integrations  
APPROVED

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#83  
tert-Butylbenzene  
Concen: 115.00 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

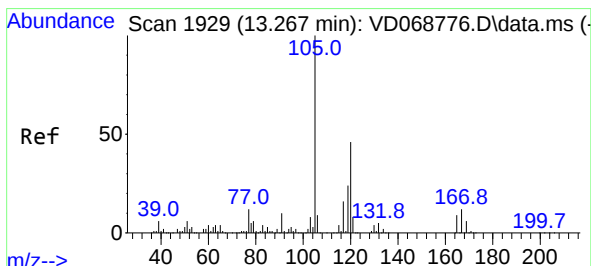
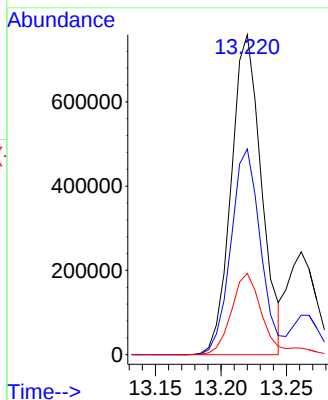
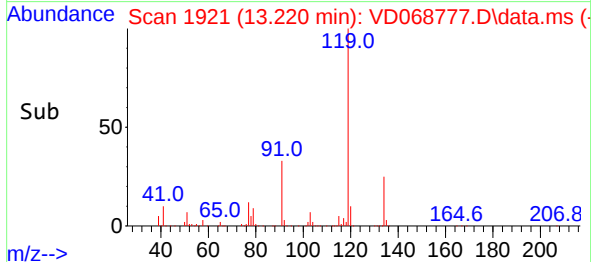
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



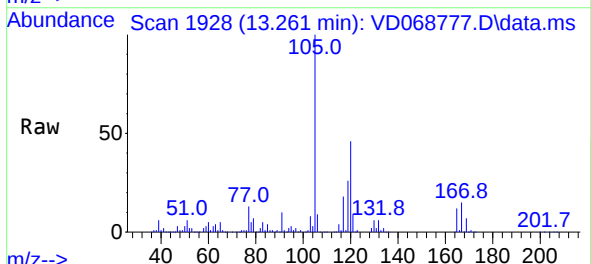
Tgt Ion:119 Resp: 1220116  
Ion Ratio Lower Upper  
119 100  
91 63.8 31.6 95.0  
134 26.5 13.4 40.2

Manual Integrations  
APPROVED

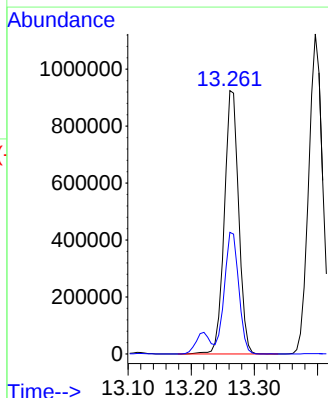
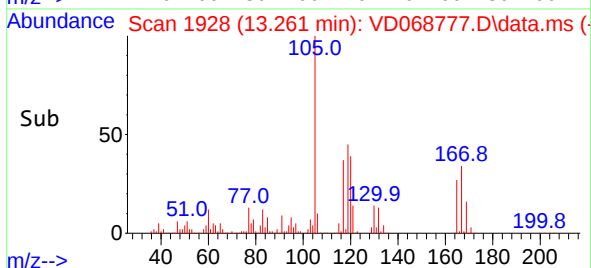
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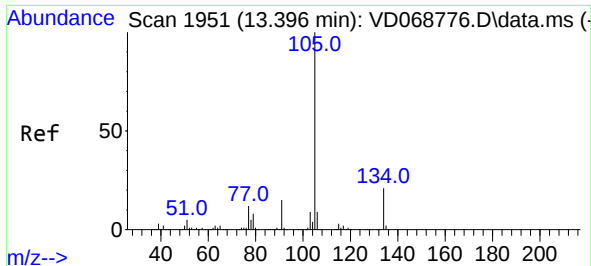


#84  
1,2,4-Trimethylbenzene  
Concen: 113.27 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



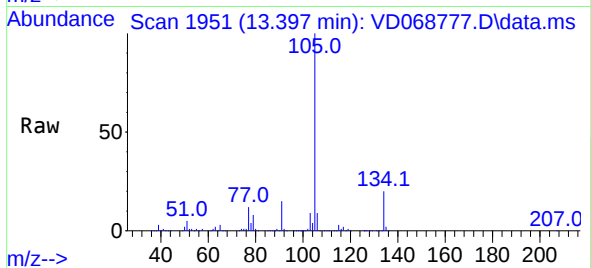
Tgt Ion:105 Resp: 1453195  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.6 67.7





#85  
sec-Butylbenzene  
Concen: 112.06 ug/l  
RT: 13.397 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

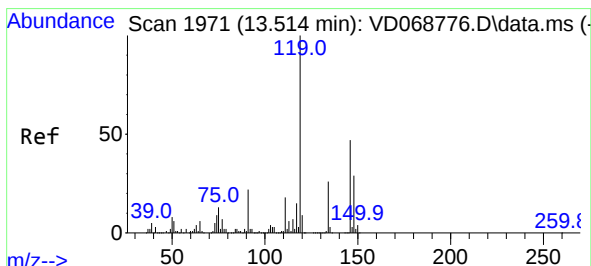
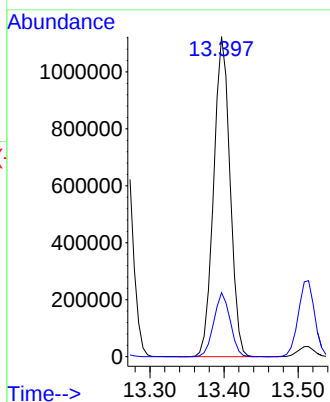
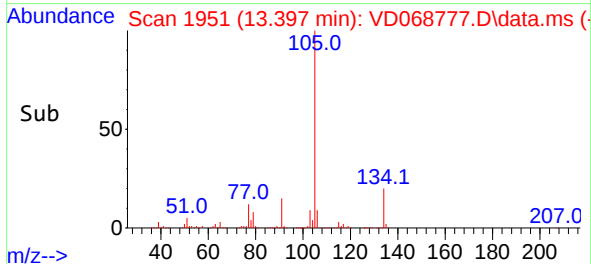
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



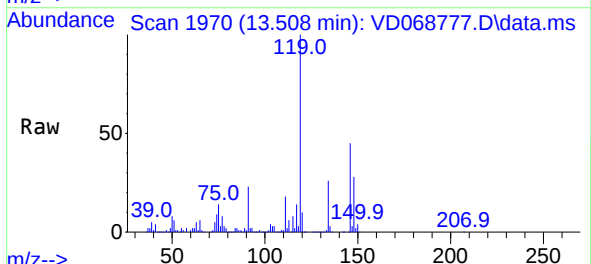
Tgt Ion:105 Resp: 1722244  
Ion Ratio Lower Upper  
105 100  
134 19.9 10.0 29.8

Manual Integrations  
APPROVED

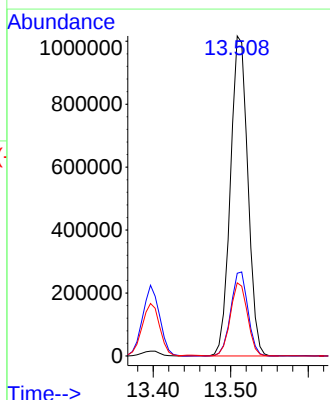
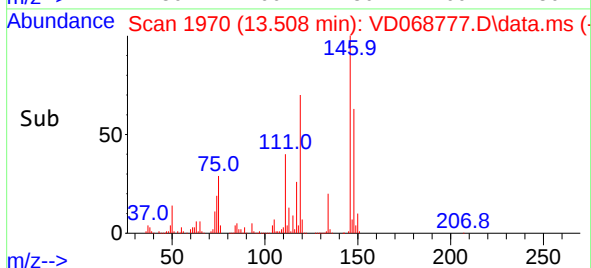
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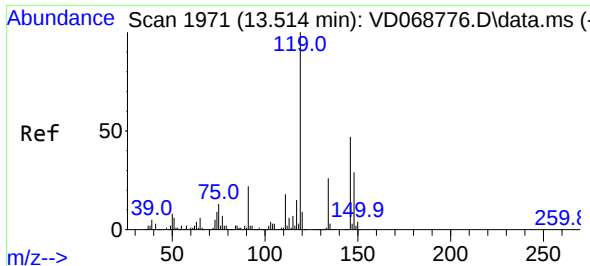


#86  
p-Isopropyltoluene  
Concen: 113.78 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



Tgt Ion:119 Resp: 1591386  
Ion Ratio Lower Upper  
119 100  
134 25.8 13.3 39.9  
91 22.4 11.1 33.1





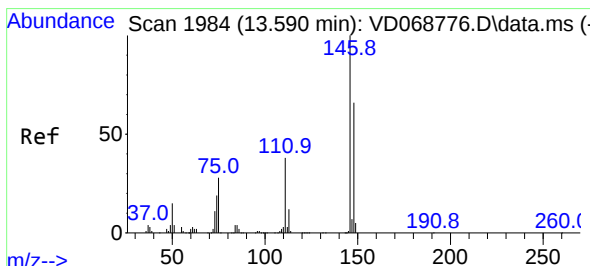
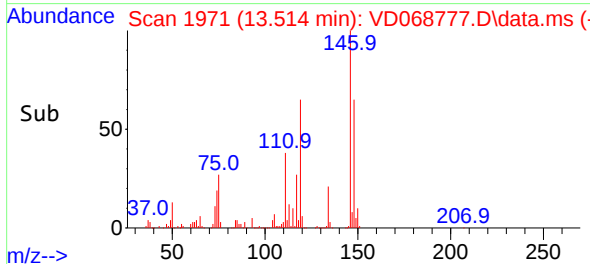
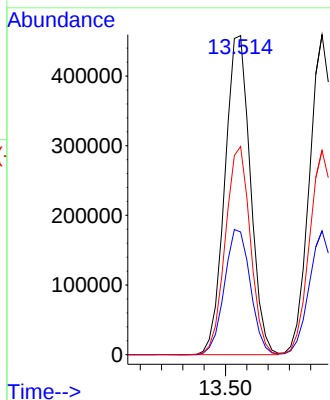
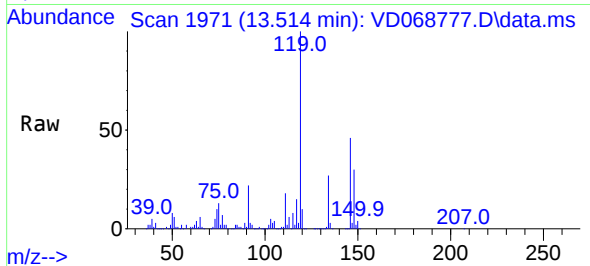
#87  
1,3-Dichlorobenzene  
Concen: 106.02 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion:146 Resp: 762636  
Ion Ratio Lower Upper  
146 100  
111 40.0 19.3 57.8  
148 63.8 30.9 92.8

Instrument :  
MSVOA\_D  
ClientSampled :  
VSTDIC100

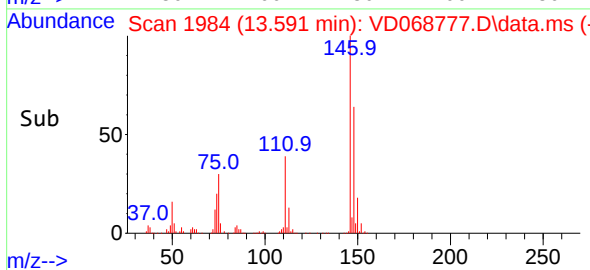
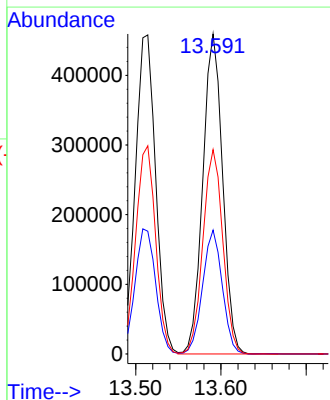
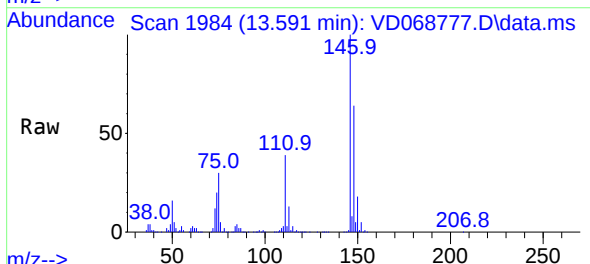
Manual Integrations  
APPROVED

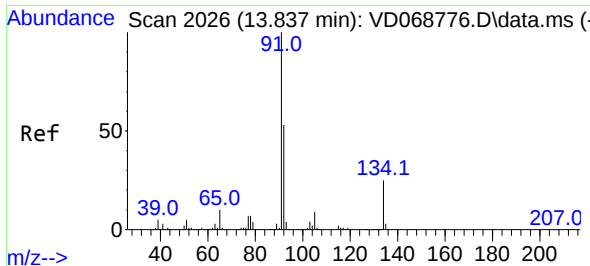
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#88  
1,4-Dichlorobenzene  
Concen: 105.10 ug/l  
RT: 13.591 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

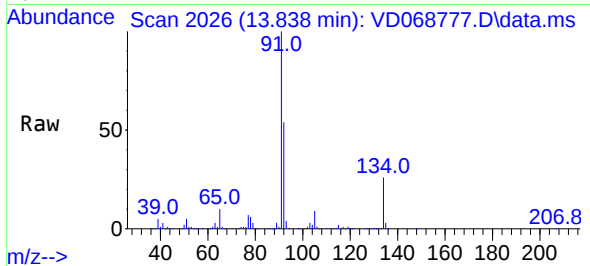
Tgt Ion:146 Resp: 742155  
Ion Ratio Lower Upper  
146 100  
111 38.4 19.1 57.1  
148 64.2 31.6 95.0





#89  
n-Butylbenzene  
Concen: 114.01 ug/l  
RT: 13.838 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

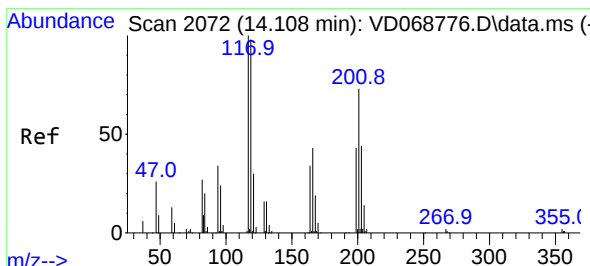
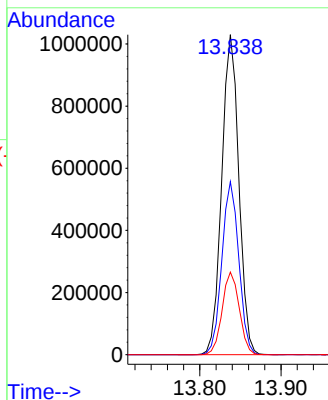
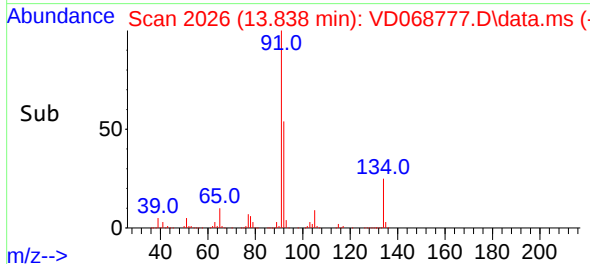
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



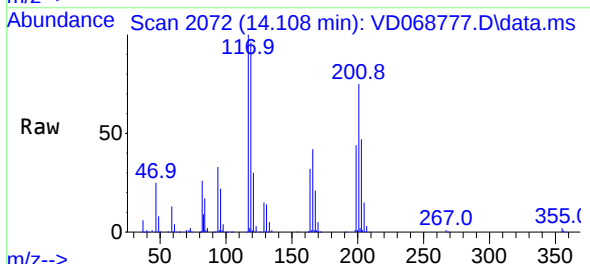
Tgt Ion: 91 Resp: 1511437  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.7 80.1  
134 25.8 12.9 38.6

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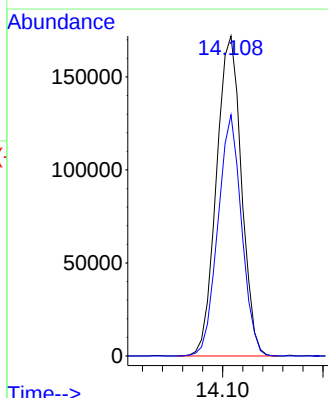
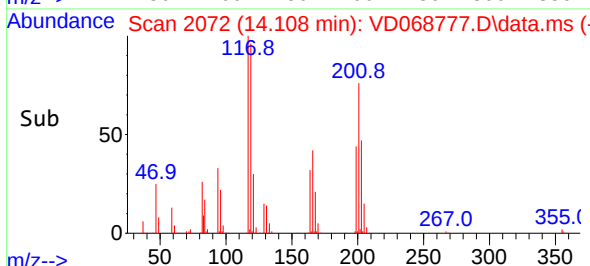
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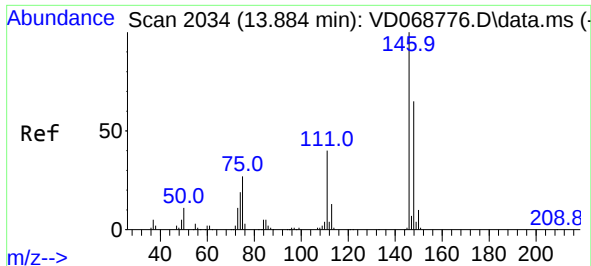


#90  
Hexachloroethane  
Concen: 114.02 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



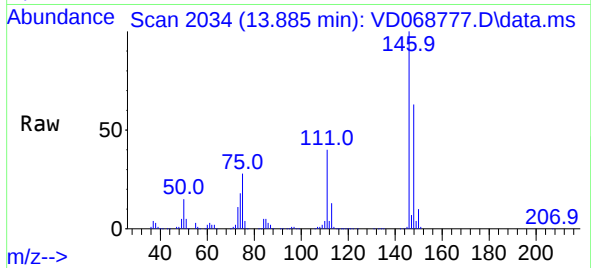
Tgt Ion: 117 Resp: 297715  
Ion Ratio Lower Upper  
117 100  
201 71.4 35.4 106.2





#91  
1,2-Dichlorobenzene  
Concen: 107.23 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

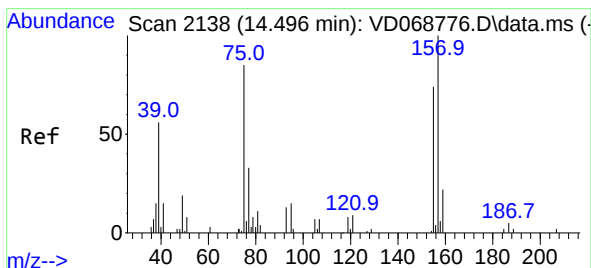
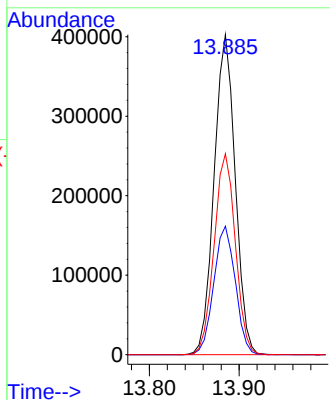
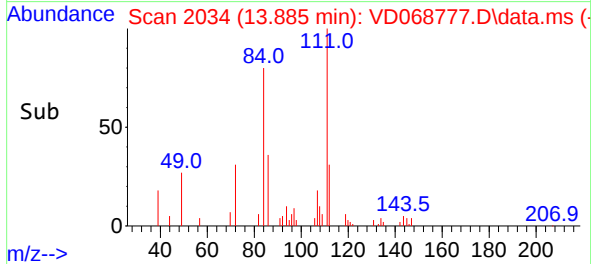
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100



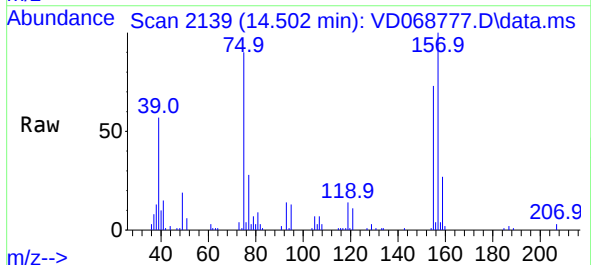
Tgt Ion:146 Resp: 657408  
Ion Ratio Lower Upper  
146 100  
111 41.0 20.3 60.9  
148 63.3 32.2 96.6

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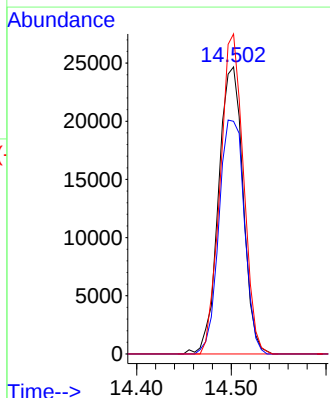
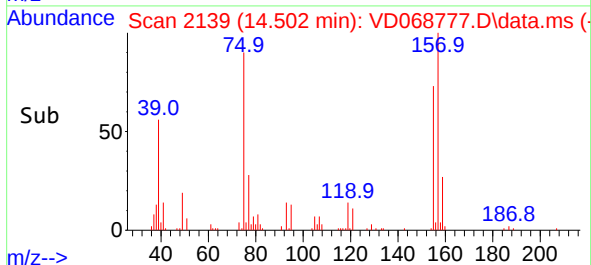
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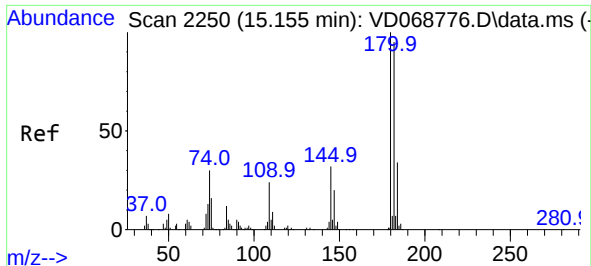


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 113.39 ug/l  
RT: 14.502 min Scan# 2139  
Delta R.T. 0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

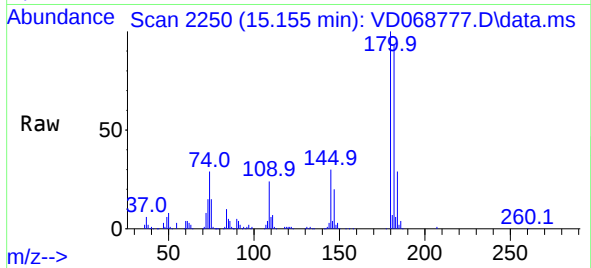


Tgt Ion: 75 Resp: 44420  
Ion Ratio Lower Upper  
75 100  
155 84.3 46.8 140.3  
157 105.6 59.8 179.3

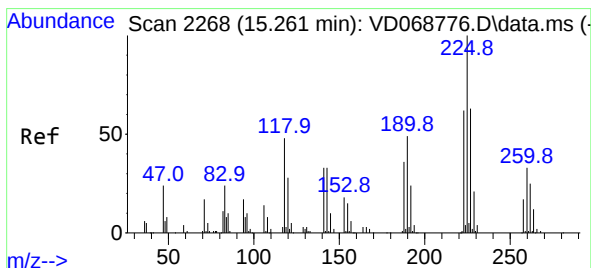
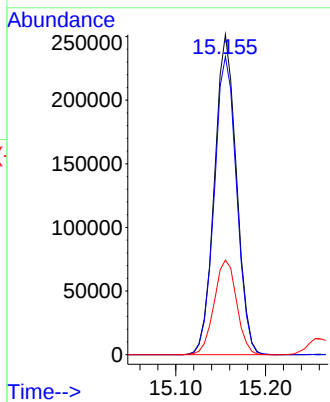
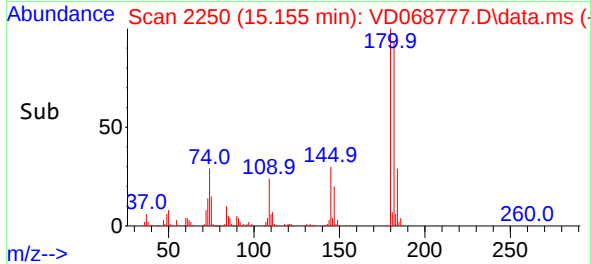




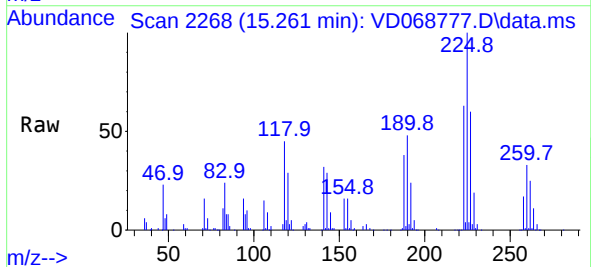
#93  
1,2,4-Trichlorobenzene  
Concen: 108.17 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



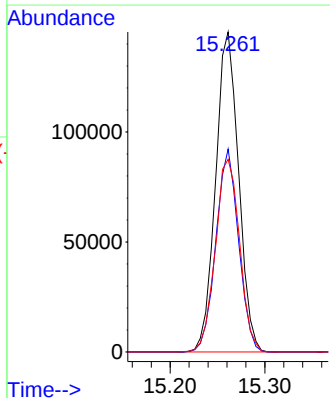
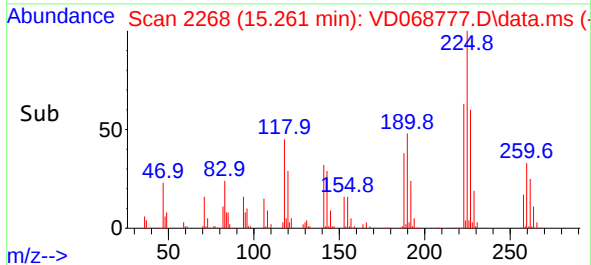
Tgt Ion:180 Resp: 427139  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.9 143.8  
145 30.2 15.2 45.6



#94  
Hexachlorobutadiene  
Concen: 108.45 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06



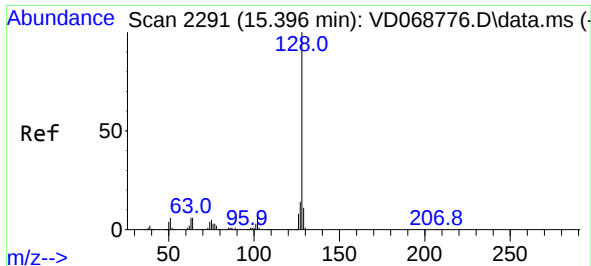
Tgt Ion:225 Resp: 245243  
Ion Ratio Lower Upper  
225 100  
223 62.5 30.6 91.6  
227 63.6 31.4 94.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

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#95  
Naphthalene  
Concen: 112.67 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. 0.000 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

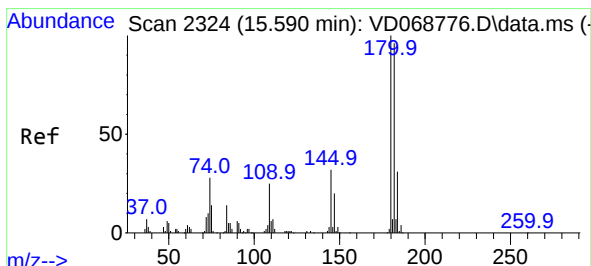
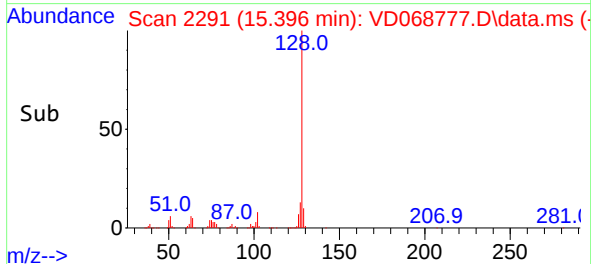
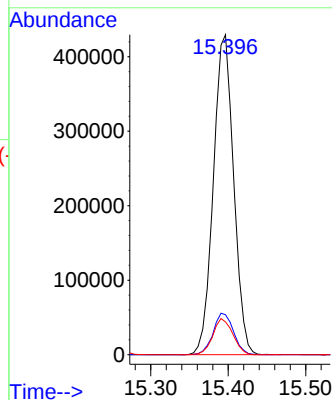
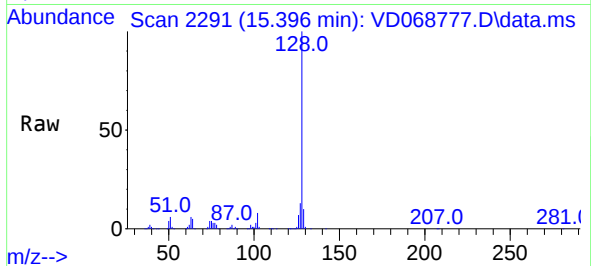
Tgt Ion:128 Resp: 780534  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.0  | 10.2  | 15.4  |
| 129 | 11.1  | 8.9   | 13.3  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Manual Integrations  
APPROVED

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#96  
1,2,3-Trichlorobenzene  
Concen: 107.97 ug/l  
RT: 15.585 min Scan# 2323  
Delta R.T. -0.006 min  
Lab File: VD068777.D  
Acq: 07 Apr 2021 12:06

Tgt Ion:180 Resp: 364000  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.6  | 46.5  | 139.3 |
| 145 | 32.0  | 15.8  | 47.4  |

