

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020421\  
 Data File : VD068278.D  
 Acq On : 04 Feb 2021 15:18  
 Operator : VA/SY  
 Sample : VD0204SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0204SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/5/2021 10:50:33 AM

Quant Time: Feb 05 00:04:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|--------|--------|----------|
| -----                        |                |      |            |        |        |          |
| Internal Standards           |                |      |            |        |        |          |
| 1) Pentafluorobenzene        | 7.985          | 168  | 372685     | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.867          | 114  | 651064     | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.644         | 117  | 572829     | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.573         | 152  | 259132     | 50.00  | ug/l   | 0.00     |
|                              |                |      |            |        |        |          |
| System Monitoring Compounds  |                |      |            |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.338          | 65   | 155633     | 43.65  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 87.30% |        |          |
| 35) Dibromofluoromethane     | 7.920          | 113  | 166842     | 46.35  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 92.70% |        |          |
| 50) Toluene-d8               | 10.344         | 98   | 612810     | 42.56  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 85.12% |        |          |
| 62) 4-Bromofluorobenzene     | 12.632         | 95   | 219422     | 42.32  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 84.64% |        |          |
|                              |                |      |            |        |        |          |
| Target Compounds             |                |      |            |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 92425      | 20.88  | ug/l   | 95       |
| 3) Chloromethane             | 2.209          | 50   | 106161     | 22.27  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.350          | 62   | 123225     | 23.24  | ug/l   | 97       |
| 5) Bromomethane              | 2.756          | 94   | 81072      | 22.29  | ug/l   | 99       |
| 6) Chloroethane              | 2.921          | 64   | 77343      | 23.88  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.273          | 101  | 148090     | 21.28  | ug/l   | 100      |
| 8) Diethyl Ether             | 3.709          | 74   | 40611      | 19.82  | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 90192      | 22.22  | ug/l   | 92       |
| 10) Methyl Iodide            | 4.309          | 142  | 81424      | 19.91  | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.220          | 59   | 36048      | 64.35  | ug/l # | 89       |
| 12) 1,1-Dichloroethene       | 4.073          | 96   | 89267      | 21.86  | ug/l   | 87       |
| 13) Acrolein                 | 3.926          | 56   | 23845      | 84.87  | ug/l   | 97       |
| 14) Allyl chloride           | 4.720          | 41   | 116744     | 19.66  | ug/l   | 96       |
| 15) Acrylonitrile            | 5.426          | 53   | 85796      | 105.68 | ug/l   | 100      |
| 16) Acetone                  | 4.156          | 43   | 74106      | 116.41 | ug/l   | 93       |
| 17) Carbon Disulfide         | 4.415          | 76   | 261161     | 19.86  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.726          | 43   | 34534      | 20.90  | ug/l   | 91       |
| 19) Methyl tert-butyl Ether  | 5.485          | 73   | 191584     | 20.30  | ug/l   | 94       |
| 20) Methylene Chloride       | 4.968          | 84   | 110736     | 22.74  | ug/l # | 85       |
| 21) trans-1,2-Dichloroethene | 5.479          | 96   | 96558      | 20.60  | ug/l   | 86       |
| 22) Diisopropyl ether        | 6.367          | 45   | 249005     | 20.78  | ug/l # | 94       |
| 23) Vinyl Acetate            | 6.315          | 43   | 630787     | 98.74  | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 6.267          | 63   | 167532     | 21.57  | ug/l   | 98       |
| 25) 2-Butanone               | 7.214          | 43   | 96247      | 100.41 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.220          | 77   | 149694     | 20.37  | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.220          | 96   | 106838     | 20.99  | ug/l   | 92       |
| 28) Bromochloromethane       | 7.556          | 49   | 56931      | 21.52  | ug/l # | 77       |
| 29) Tetrahydrofuran          | 7.573          | 42   | 62591      | 100.73 | ug/l   | 93       |
| 30) Chloroform               | 7.714          | 83   | 170086     | 21.68  | ug/l   | 98       |
| 31) Cyclohexane              | 7.991          | 56   | 159574     | 20.67  | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 7.909          | 97   | 152280     | 21.53  | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 138411     | 21.08  | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.297          | 43   | 46173      | 19.88  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.103          | 117  | 129236     | 21.03  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.356          | 83   | 180994     | 21.09  | ug/l   | 98       |
| 40) Benzene                  | 8.356          | 78   | 387056     | 21.08  | ug/l   | 95       |

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 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0204SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/5/2021 10:50:33 AM

Quant Time: Feb 05 00:04:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 24643    | 17.58  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 102431   | 20.88  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.456  | 43   | 89301    | 18.45  | ug/l   | 97       |
| 44) Trichloroethene           | 9.114  | 130  | 105171   | 20.86  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 94777    | 21.08  | ug/l   | 96       |
| 46) Dibromomethane            | 9.479  | 93   | 47117    | 20.68  | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.667  | 83   | 129173   | 21.02  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.456  | 41   | 41636    | 17.28  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.467  | 88   | 11372    | 426.02 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 219695   | 97.65  | ug/l   | 96       |
| 52) Toluene                   | 10.408 | 92   | 252153   | 21.08  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.626 | 75   | 120401   | 19.35  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 144298   | 19.49  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 10.803 | 97   | 69225    | 21.44  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 77836    | 18.10  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.950 | 76   | 118349   | 20.78  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 216483   | 109.09 | ug/l   | 90       |
| 59) 2-Hexanone                | 10.985 | 43   | 154490   | 99.06  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.144 | 129  | 82148    | 20.30  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.250 | 107  | 65770    | 20.65  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.879 | 164  | 86119    | 21.33  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.673 | 112  | 261052   | 21.45  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 86764    | 20.27  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.750 | 91   | 481848   | 21.38  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.855 | 106  | 360336   | 42.35  | ug/l   | 98       |
| 69) o-Xylene                  | 12.185 | 106  | 167672   | 21.22  | ug/l   | 97       |
| 70) Styrene                   | 12.197 | 104  | 280304   | 20.78  | ug/l   | 97       |
| 71) Bromoform                 | 12.361 | 173  | 42978    | 19.81  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.479 | 105  | 463231   | 21.48  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.291 | 43   | 82181    | 18.34  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 75132    | 21.91  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.785 | 75   | 44197m   | 17.64  | ug/l   |          |
| 77) Bromobenzene              | 12.761 | 156  | 98259    | 21.26  | ug/l   | 89       |
| 78) n-propylbenzene           | 12.820 | 91   | 551396   | 21.61  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 297156   | 20.75  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 385234   | 21.45  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.532 | 75   | 21984    | 17.75  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 311314   | 20.90  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.226 | 119  | 321080   | 21.10  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 375787   | 21.08  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.402 | 105  | 456012   | 21.42  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 410651   | 21.21  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 195189   | 21.96  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 190776   | 21.79  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.844 | 91   | 403439   | 21.71  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.108 | 117  | 71380    | 20.41  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.891 | 146  | 164002   | 21.54  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.508 | 75   | 11218    | 19.99  | ug/l   | 78       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 110129   | 21.10  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.267 | 225  | 61676    | 21.32  | ug/l   | 96       |
| 95) Naphthalene               | 15.402 | 128  | 197720   | 20.21  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.596 | 180  | 92609    | 21.04  | ug/l   | 99       |

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Data File : VD068278.D  
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Operator : VA/SY  
Sample : VD0204SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

Manual Integrations  
APPROVED

MMDadoda  
2/5/2021 10:50:33 AM

Quant Time: Feb 05 00:04:03 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 19 13:19:08 2021  
Response via : Initial Calibration

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

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

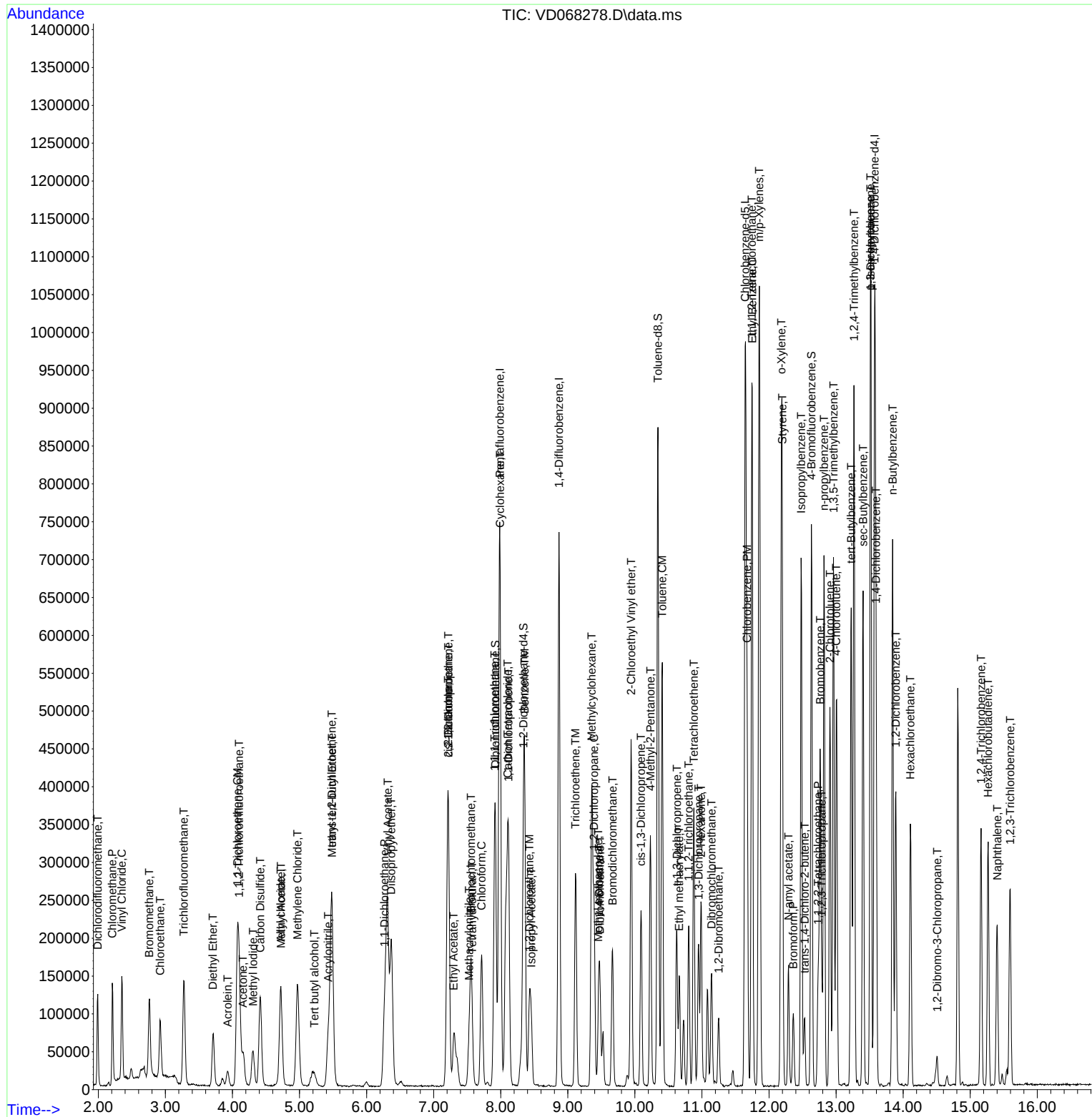
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Data File : VD068278.D  
Acq On : 04 Feb 2021 15:18  
Operator : VA/SY  
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ALS Vial : 6 Sample Multiplier: 1

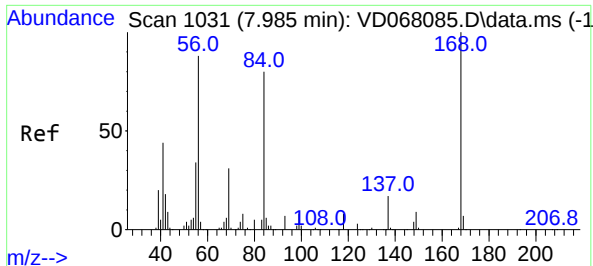
Instrument :  
MSVOA\_D  
Client Sample Id :  
VD0204SBS01

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MMDadoda  
2/5/2021 10:50:33 AM

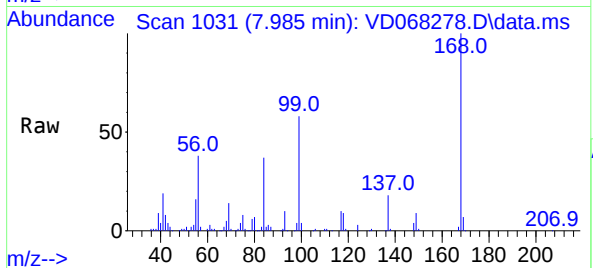
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 19 13:19:08 2021  
Response via : Initial Calibration





Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

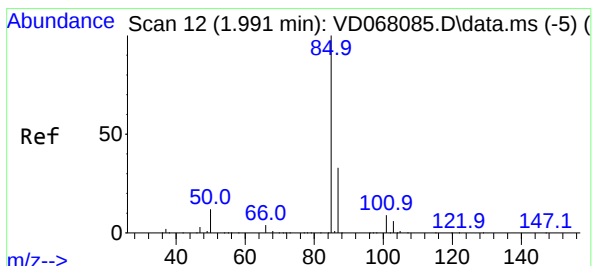
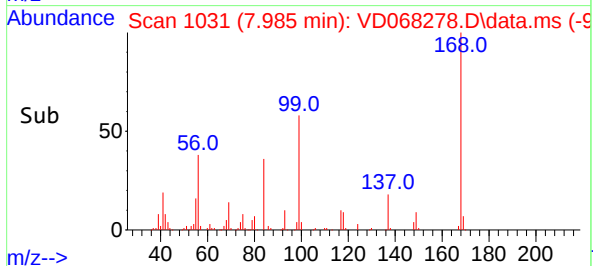
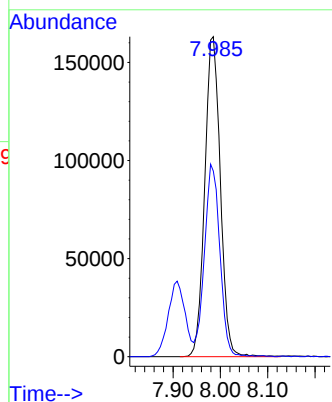
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



Tgt Ion:168 Resp: 372685  
Ion Ratio Lower Upper  
168 100  
99 57.9 43.5 65.3

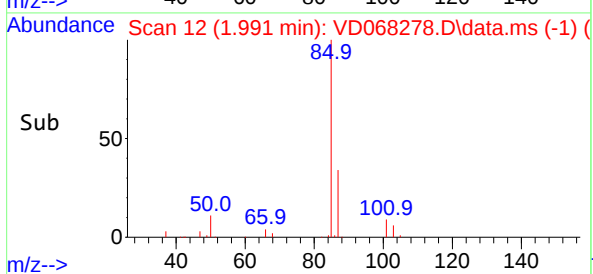
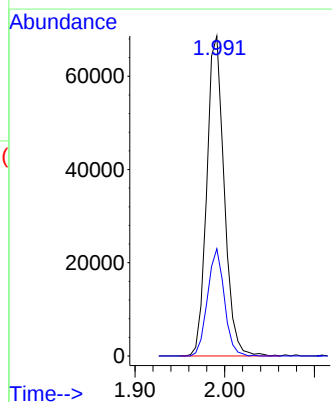
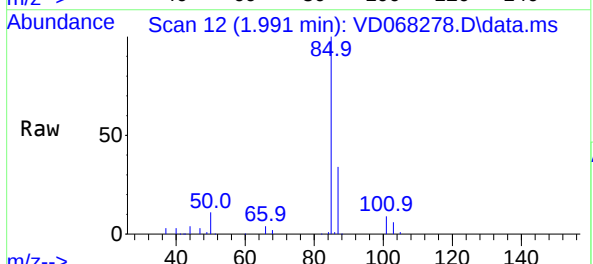
Manual Integrations  
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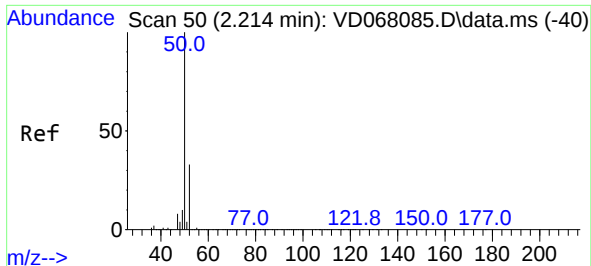
MMDadoda  
2/5/2021 10:50:33 AM



Dichlorodifluoromethane  
Concen: 20.88 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 85 Resp: 92425  
Ion Ratio Lower Upper  
85 100  
87 33.5 15.4 46.1



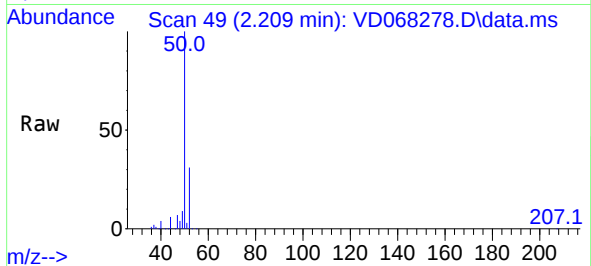


#3  
Chloromethane  
Concen: 22.27 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.005 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

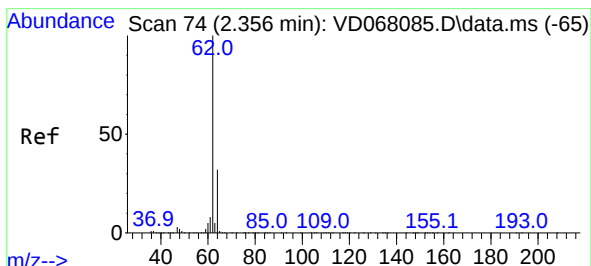
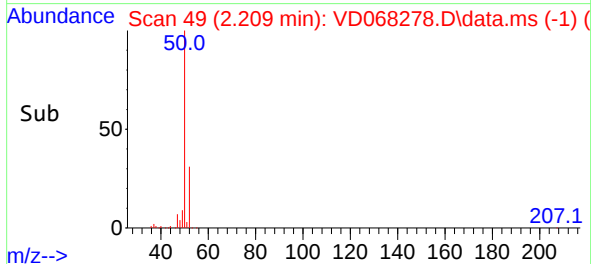
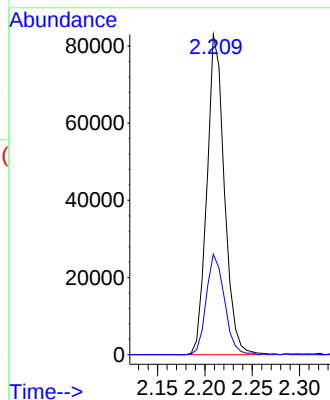
Instrument :  
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ClientSampleId :  
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Manual Integrations  
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MMDadoda  
2/5/2021 10:50:33 AM

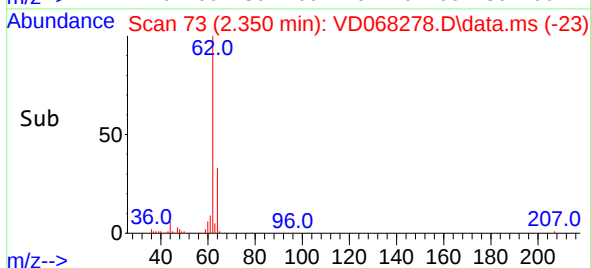
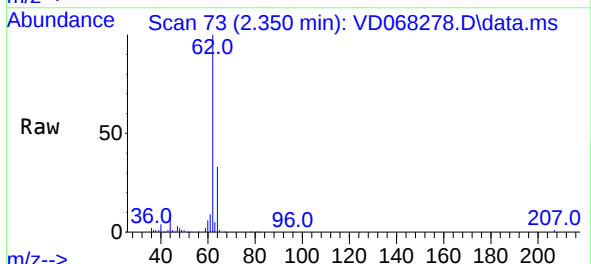
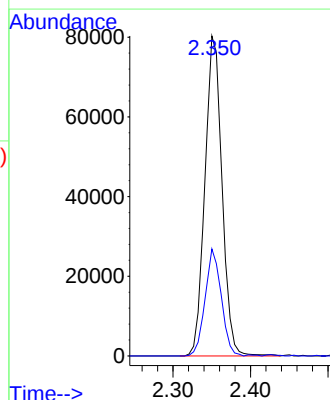


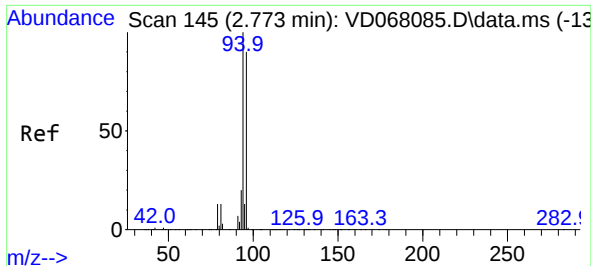
Tgt Ion: 50 Resp: 106161  
Ion Ratio Lower Upper  
50 100  
52 31.4 25.4 38.2



#4  
Vinyl Chloride  
Concen: 23.24 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 62 Resp: 123225  
Ion Ratio Lower Upper  
62 100  
64 33.4 25.4 38.2





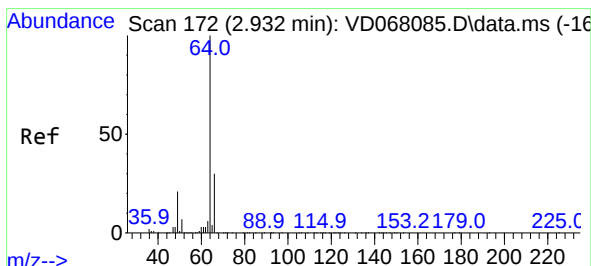
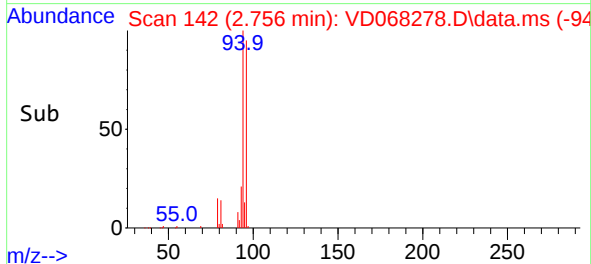
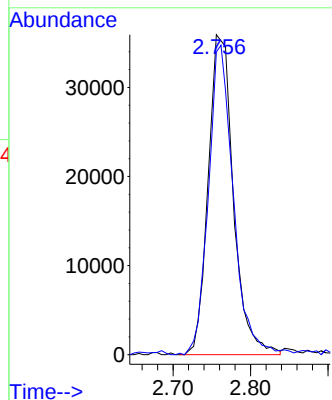
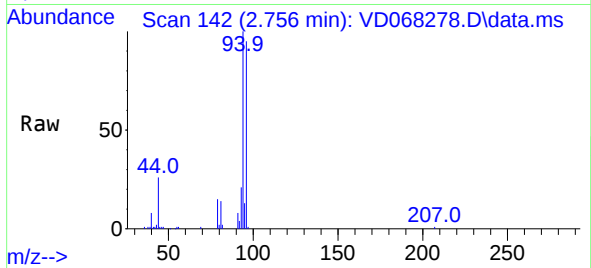
#5  
Bromomethane  
Concen: 22.29 ug/l  
RT: 2.756 min Scan# 142  
Delta R.T. -0.017 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 94 Resp: 81072  
Ion Ratio Lower Upper  
94 100  
96 94.1 75.8 113.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

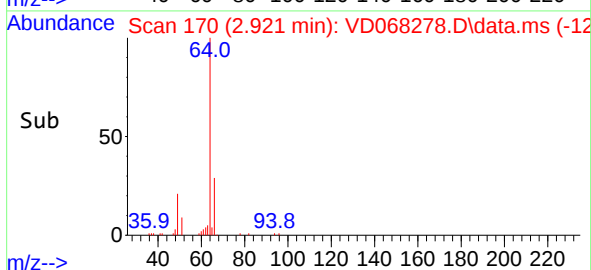
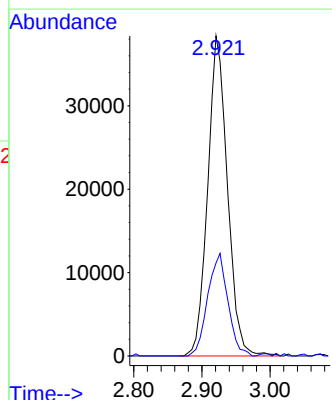
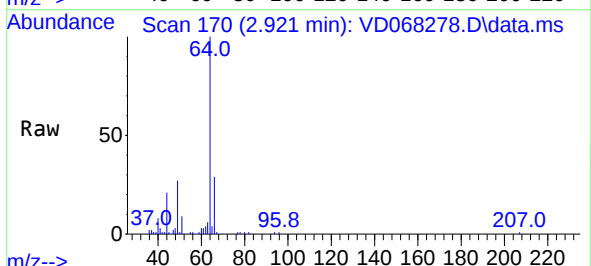
Manual Integrations  
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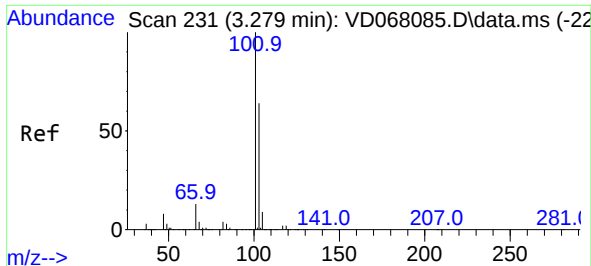
MMDadoda  
2/5/2021 10:50:33 AM



#6  
Chloroethane  
Concen: 23.88 ug/l  
RT: 2.921 min Scan# 170  
Delta R.T. -0.011 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 64 Resp: 77343  
Ion Ratio Lower Upper  
64 100  
66 29.1 25.1 37.7





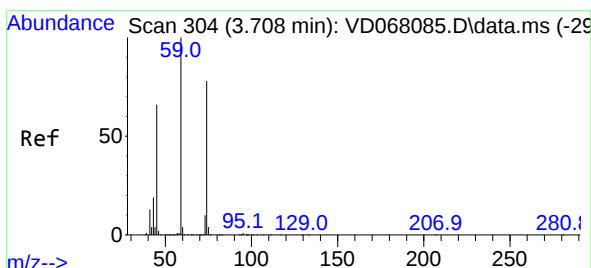
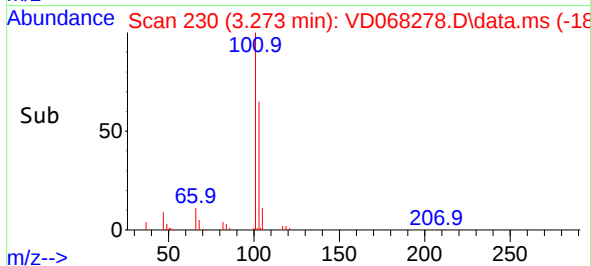
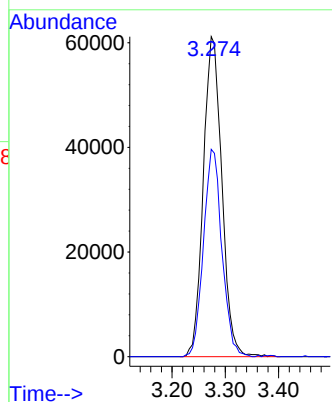
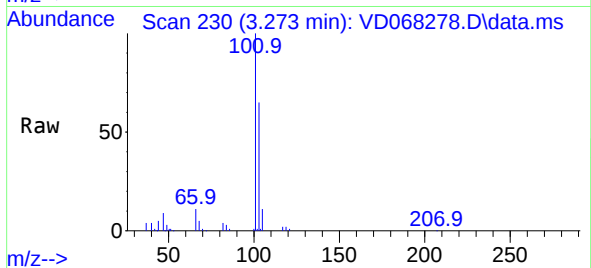
#7  
Trichlorofluoromethane  
Concen: 21.28 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. -0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion:101 Resp: 148090  
Ion Ratio Lower Upper  
101 100  
103 64.8 52.0 78.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

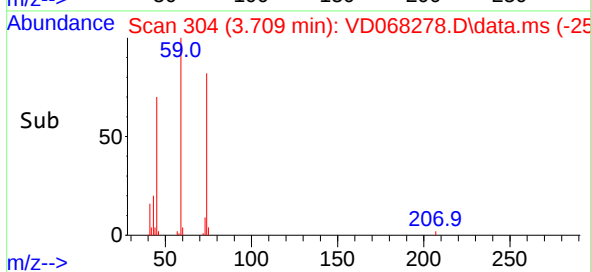
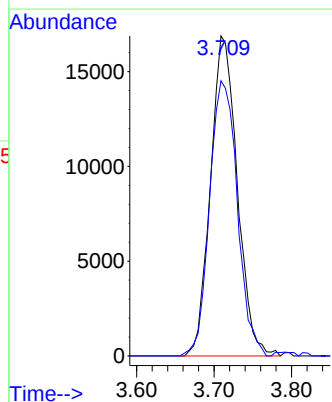
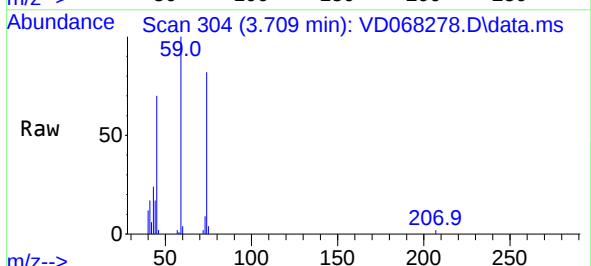
Manual Integrations  
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2/5/2021 10:50:33 AM



#8  
Diethyl Ether  
Concen: 19.82 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.001 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

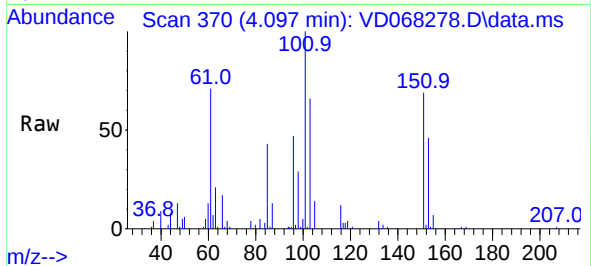
Tgt Ion: 74 Resp: 40611  
Ion Ratio Lower Upper  
74 100  
45 88.9 42.1 126.4





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.22 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. -0.005 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

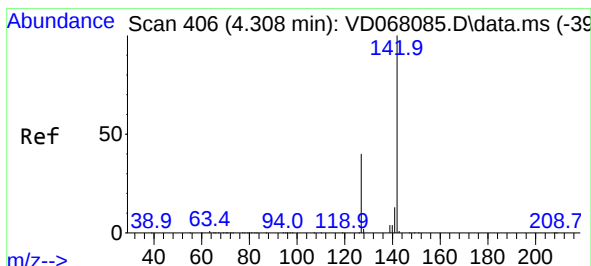
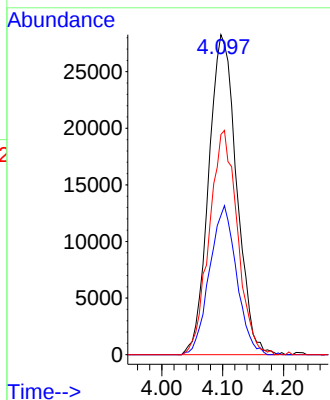
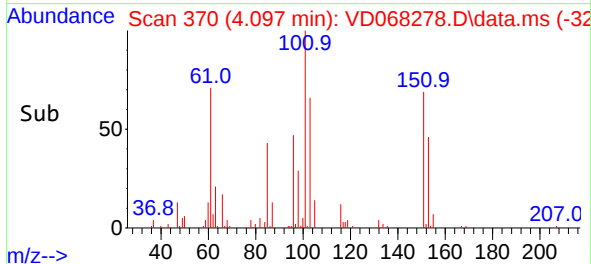
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



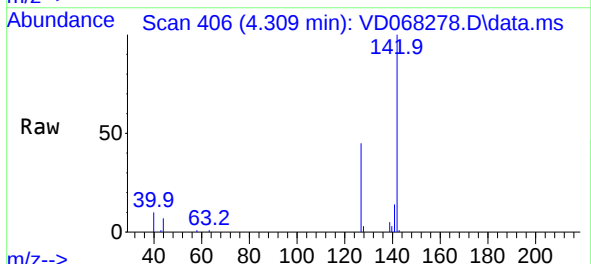
Tgt Ion:101 Resp: 90192  
Ion Ratio Lower Upper  
101 100  
85 45.0 34.0 51.0  
151 70.5 64.1 96.1

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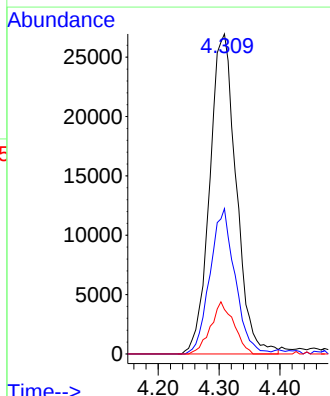
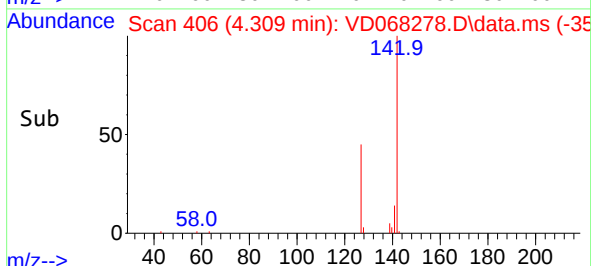
MMDadoda  
2/5/2021 10:50:33 AM

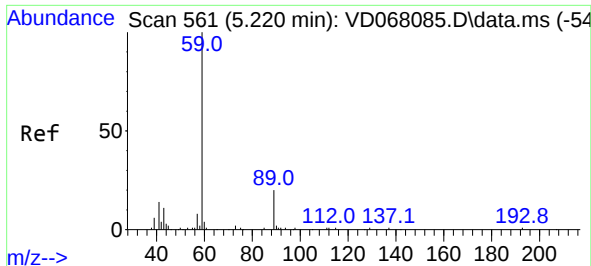


#10  
Methyl Iodide  
Concen: 19.91 ug/l  
RT: 4.309 min Scan# 406  
Delta R.T. 0.001 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



Tgt Ion:142 Resp: 81424  
Ion Ratio Lower Upper  
142 100  
127 43.1 37.9 56.9  
141 14.2 11.5 17.3





#11

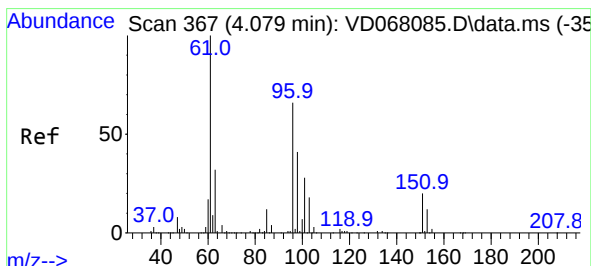
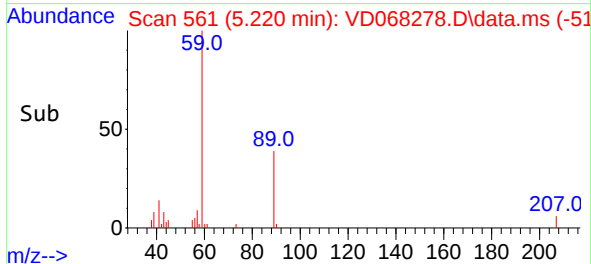
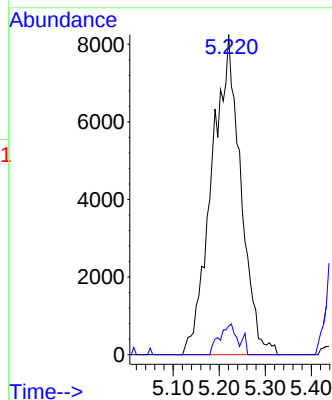
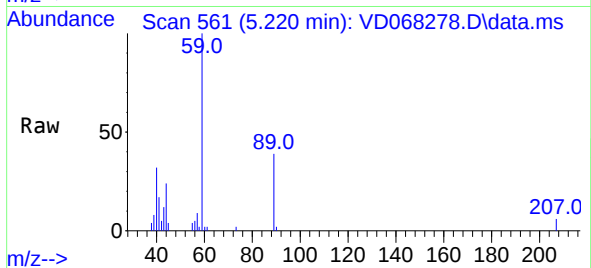
Tert butyl alcohol  
Concen: 64.35 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 59 Resp: 36048  
Ion Ratio Lower Upper  
59 100  
57 5.4 7.4 11.2#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

Manual Integrations  
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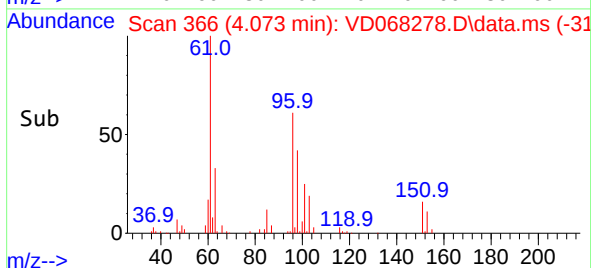
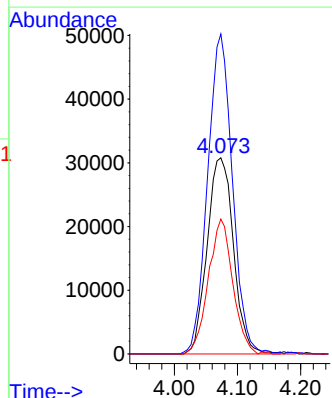
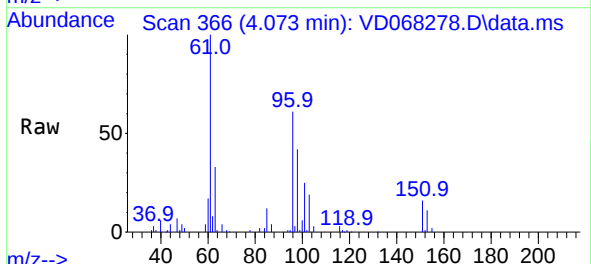
MMDadoda  
2/5/2021 10:50:33 AM

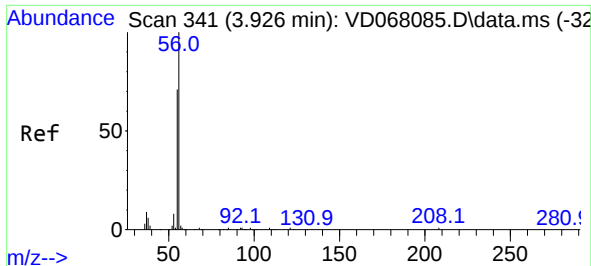


#12

1,1-Dichloroethene  
Concen: 21.86 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

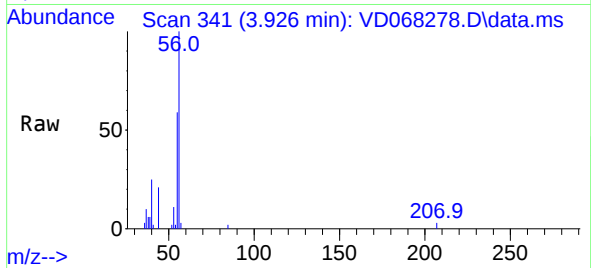
Tgt Ion: 96 Resp: 89267  
Ion Ratio Lower Upper  
96 100  
61 163.1 116.2 174.4  
98 68.8 48.6 73.0





#13  
Acrolein  
Concen: 84.87 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

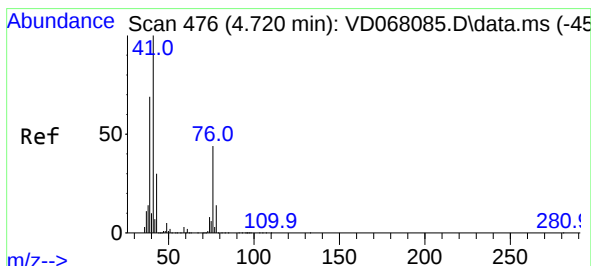
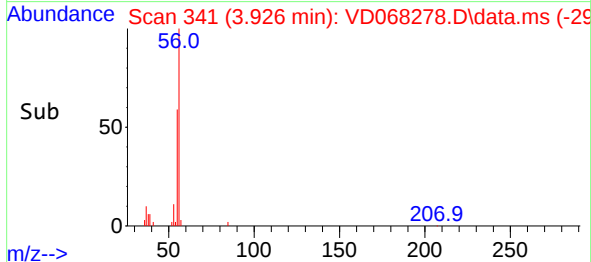
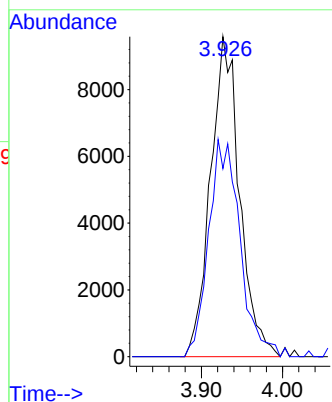
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



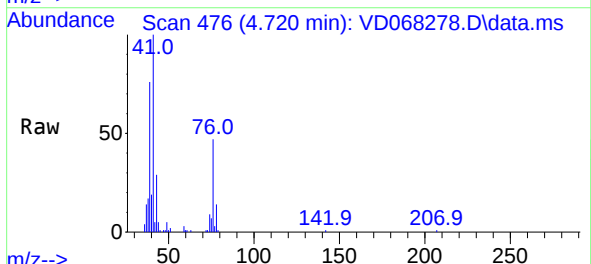
Tgt Ion: 56 Resp: 23845  
Ion Ratio Lower Upper  
56 100  
55 73.2 56.5 84.7

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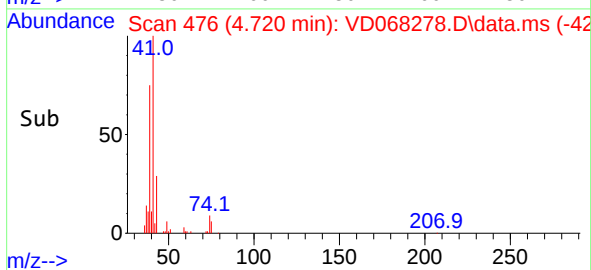
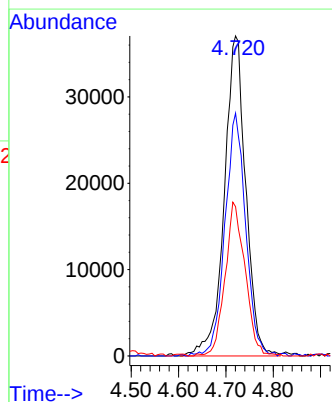
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2/5/2021 10:50:33 AM

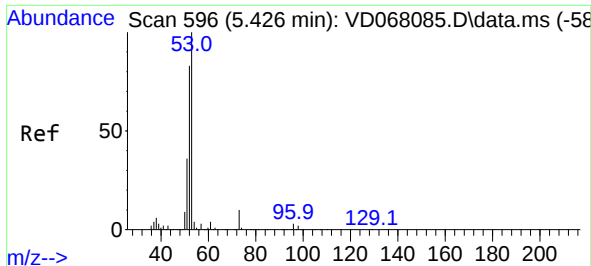


#14  
Allyl chloride  
Concen: 19.66 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

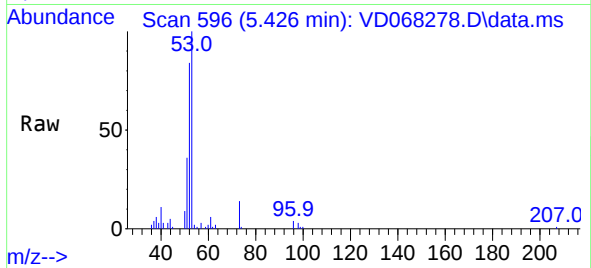


Tgt Ion: 41 Resp: 116744  
Ion Ratio Lower Upper  
41 100  
39 73.2 56.3 84.5  
76 44.9 38.9 58.3



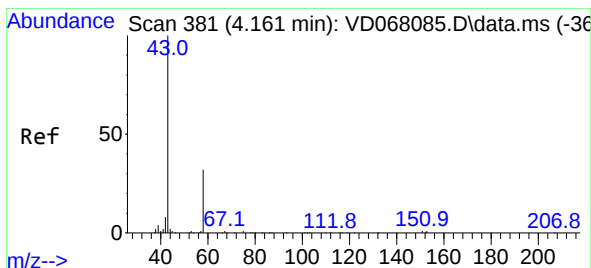
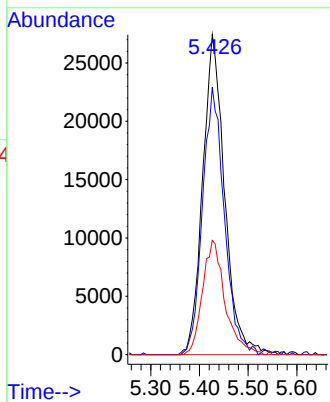
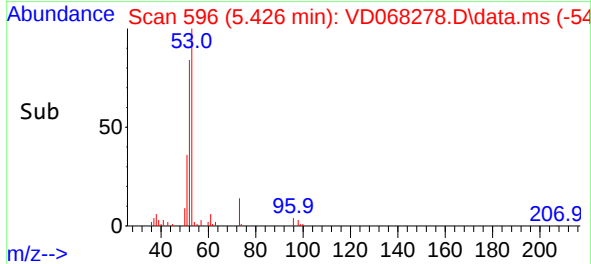


#15  
Acrylonitrile  
Concen: 105.68 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

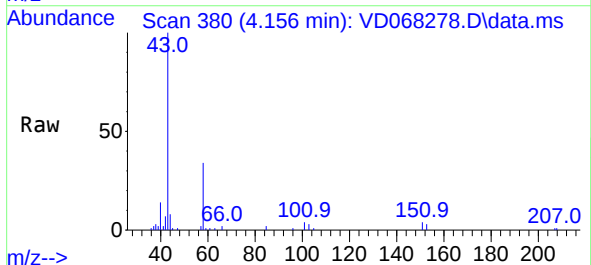


Tgt Ion: 53 Resp: 85796

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.9  | 66.2  | 99.2  |
| 51  | 36.7  | 29.0  | 43.4  |

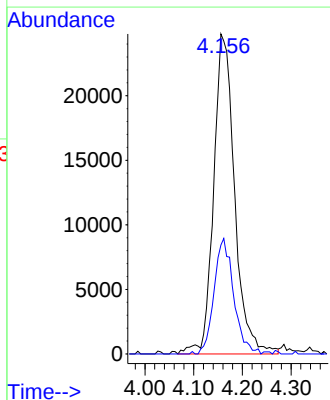
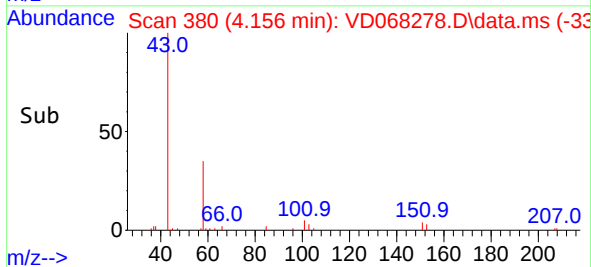


#16  
Acetone  
Concen: 116.41 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



Tgt Ion: 43 Resp: 74106

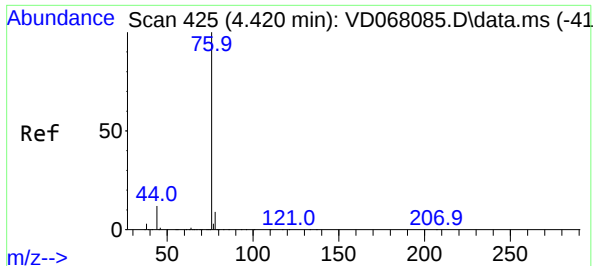
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 34.0  | 24.2  | 36.4  |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

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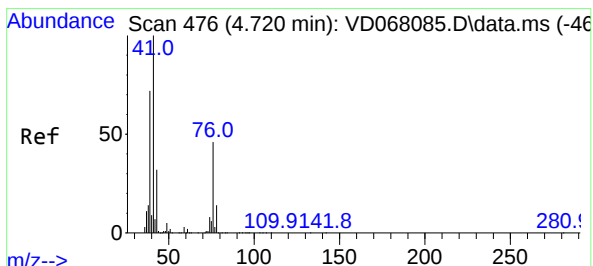
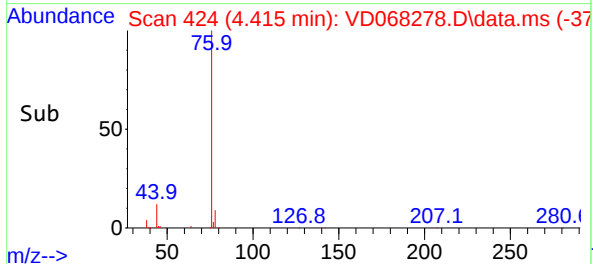
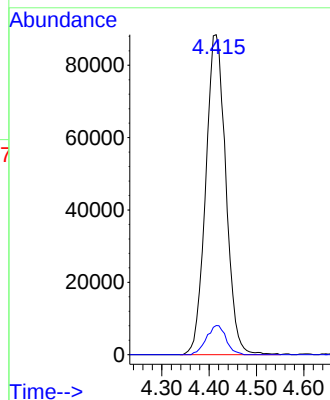
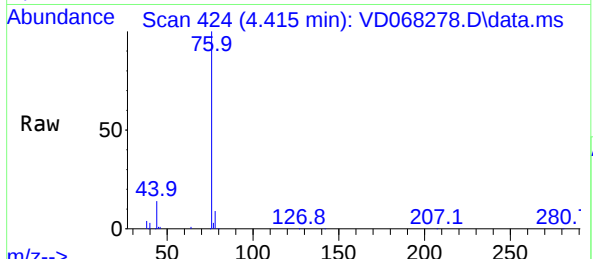
#17  
Carbon Disulfide  
Concen: 19.86 ug/l  
RT: 4.415 min Scan# 424  
Delta R.T. -0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 76 Resp: 261161  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

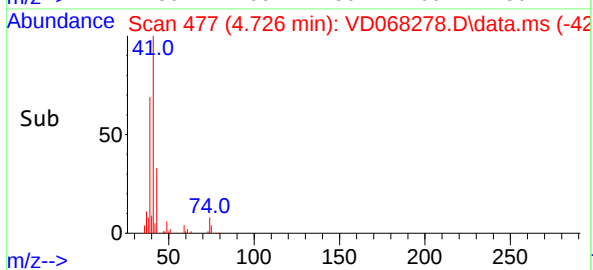
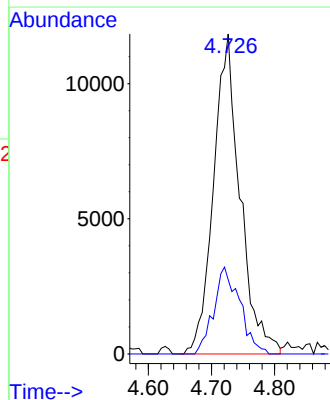
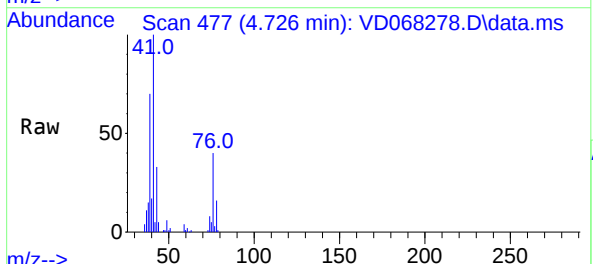
Manual Integrations  
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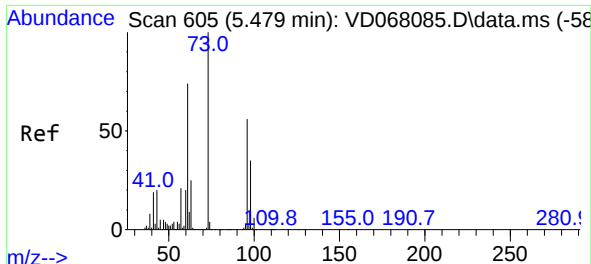
MMDadoda  
2/5/2021 10:50:33 AM



#18  
Methyl Acetate  
Concen: 20.90 ug/l  
RT: 4.726 min Scan# 477  
Delta R.T. 0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 43 Resp: 34534  
Ion Ratio Lower Upper  
43 100  
74 26.8 25.4 38.0





#19

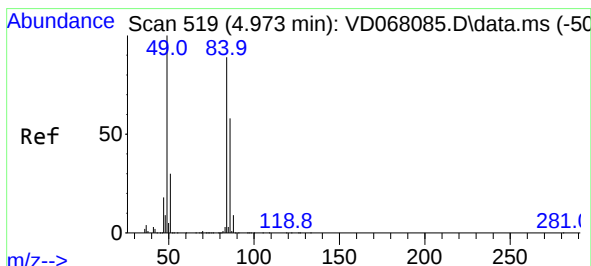
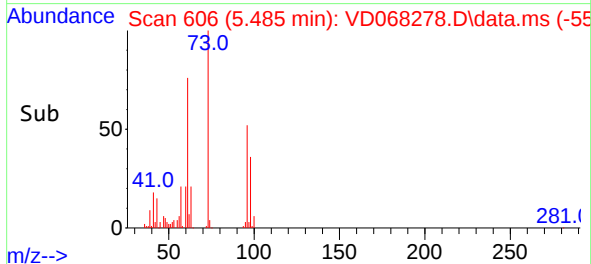
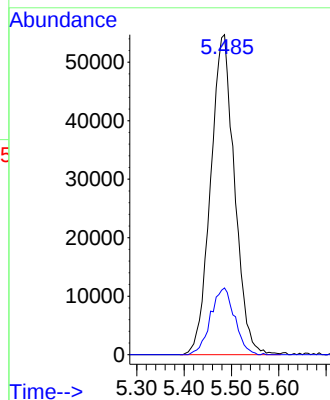
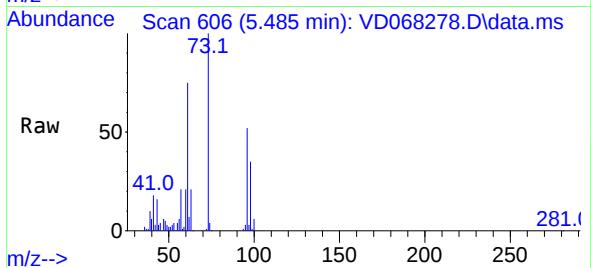
Methyl tert-butyl Ether  
Concen: 20.30 ug/l  
RT: 5.485 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 73 Resp: 191584  
Ion Ratio Lower Upper  
73 100  
57 20.8 14.4 21.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

Manual Integrations  
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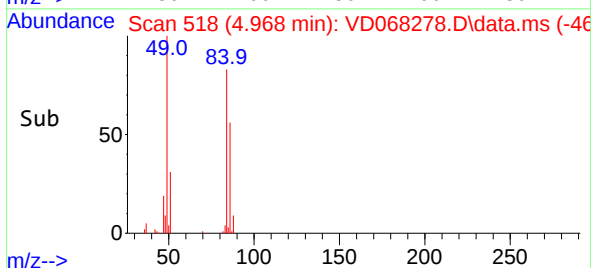
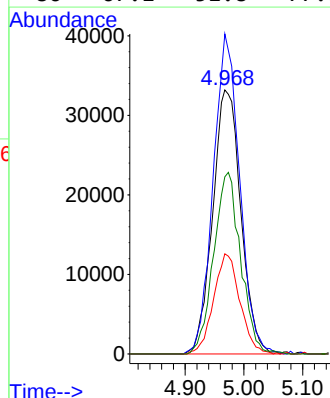
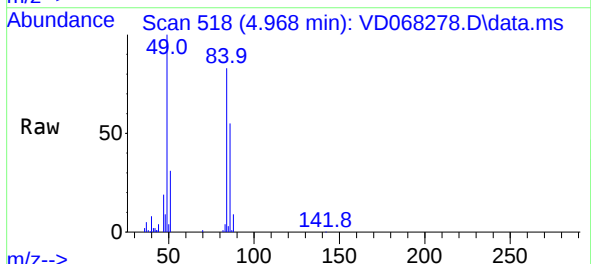
MMDadoda  
2/5/2021 10:50:33 AM

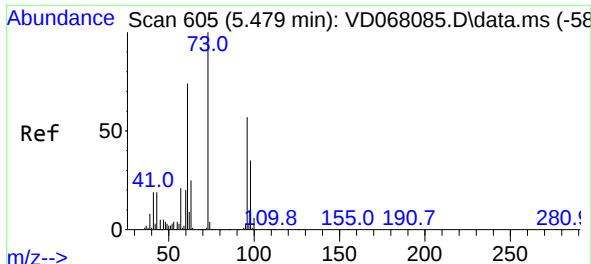


#20

Methylene Chloride  
Concen: 22.74 ug/l  
RT: 4.968 min Scan# 518  
Delta R.T. -0.005 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

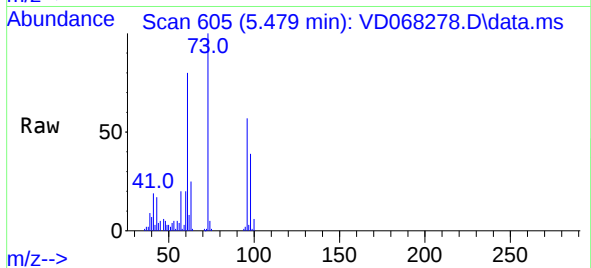
Tgt Ion: 84 Resp: 110736  
Ion Ratio Lower Upper  
84 100  
49 121.2 77.4 116.2#  
51 37.9 26.1 39.1  
86 67.1 51.8 77.8





#21  
trans-1,2-Dichloroethene  
Concen: 20.60 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

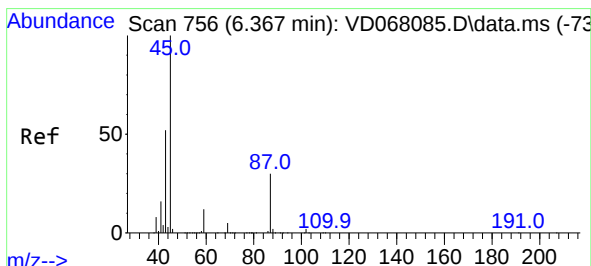
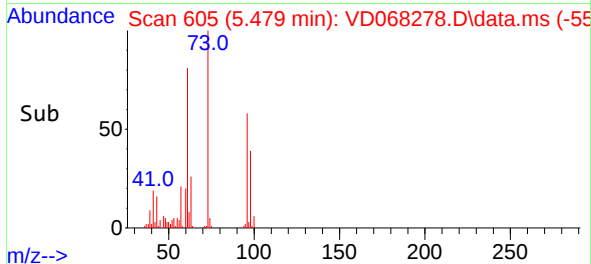
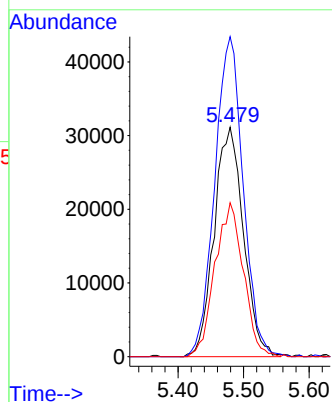
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



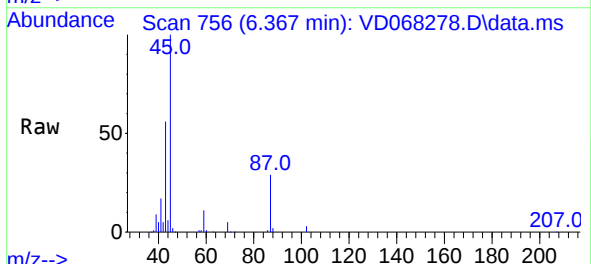
Tgt Ion: 96 Resp: 96558  
Ion Ratio Lower Upper  
96 100  
61 139.5 96.7 145.1  
98 67.1 47.6 71.4

Manual Integrations  
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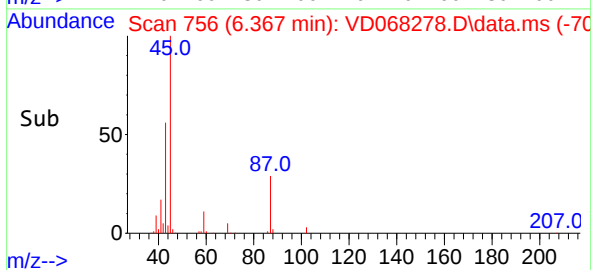
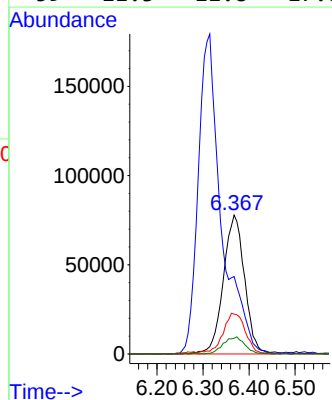
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2/5/2021 10:50:33 AM

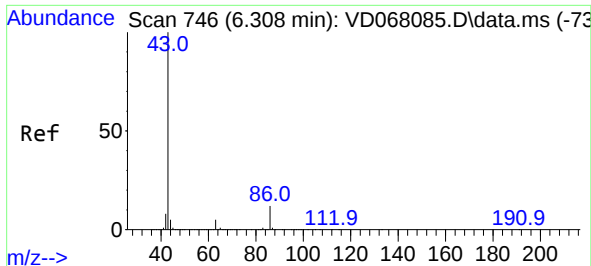


#22  
Diisopropyl ether  
Concen: 20.78 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



Tgt Ion: 45 Resp: 249005  
Ion Ratio Lower Upper  
45 100  
43 55.0 43.9 65.9  
87 28.7 29.9 44.9#  
59 11.3 11.8 17.8#





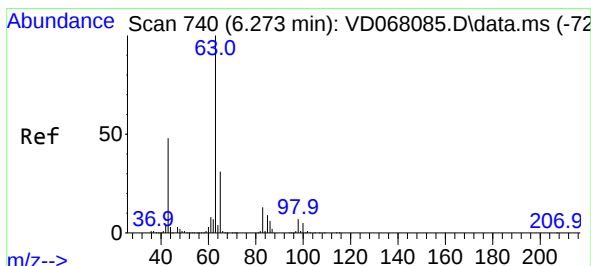
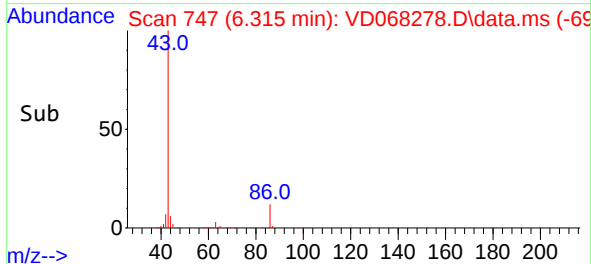
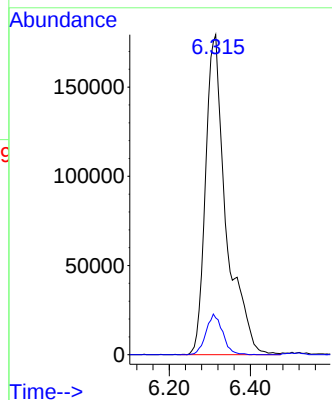
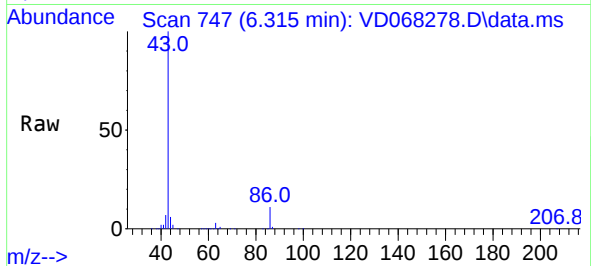
#23  
 Vinyl Acetate  
 Concen: 98.74 ug/l  
 RT: 6.315 min Scan# 747  
 Delta R.T. 0.006 min  
 Lab File: VD068278.D  
 Acq: 04 Feb 2021 15:18

Tgt Ion: 43 Resp: 630787  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 10.8 16.2

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0204SBS01

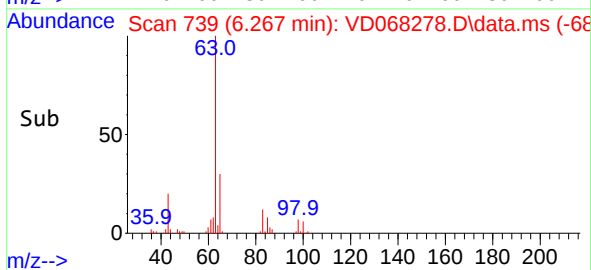
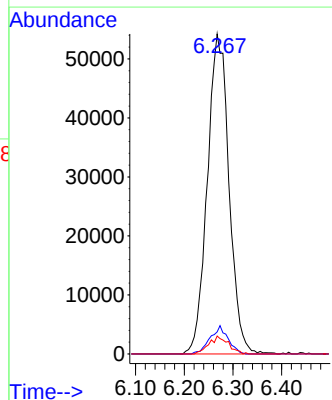
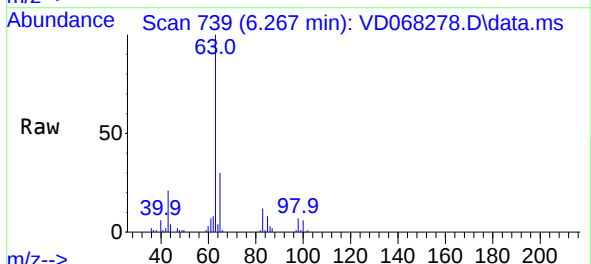
Manual Integrations  
 APPROVED

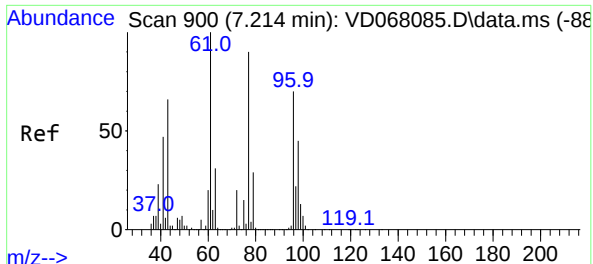
MMDadoda  
 2/5/2021 10:50:33 AM



#24  
 1,1-Dichloroethane  
 Concen: 21.57 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. -0.006 min  
 Lab File: VD068278.D  
 Acq: 04 Feb 2021 15:18

Tgt Ion: 63 Resp: 167532  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.8 11.4  
 100 5.6 2.6 8.0





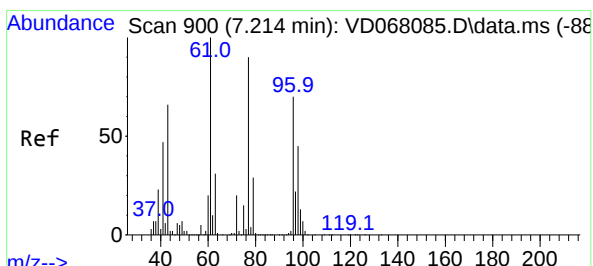
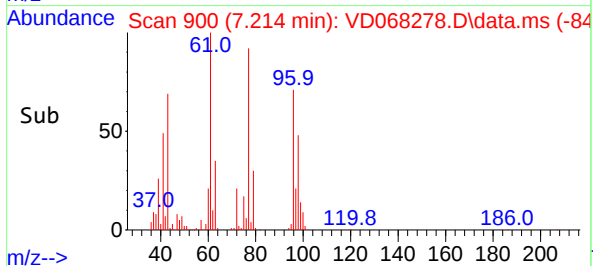
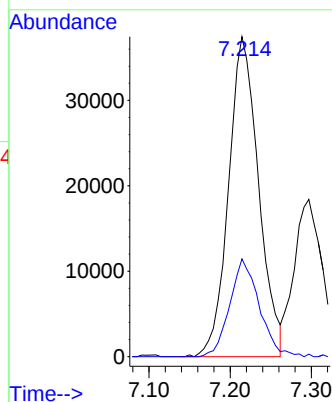
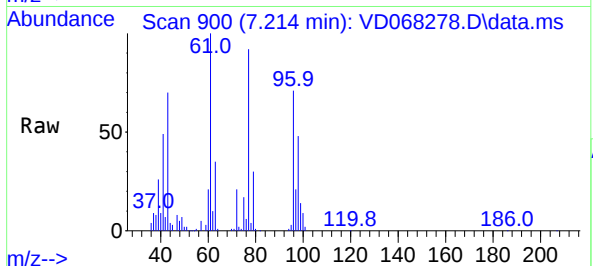
#25  
2-Butanone  
Concen: 100.41 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 43 Resp: 96247  
Ion Ratio Lower Upper  
43 100  
72 30.5 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

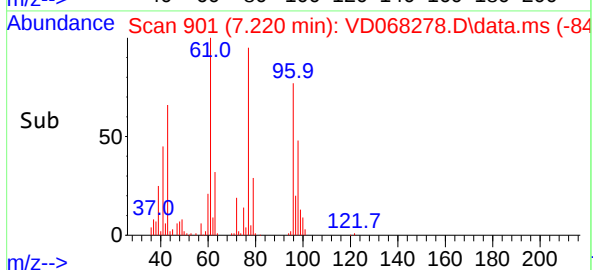
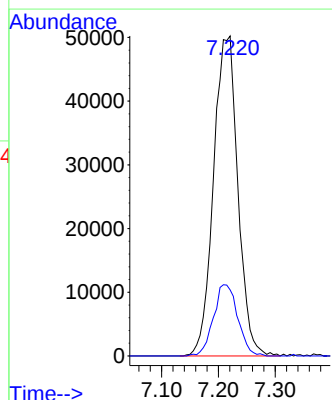
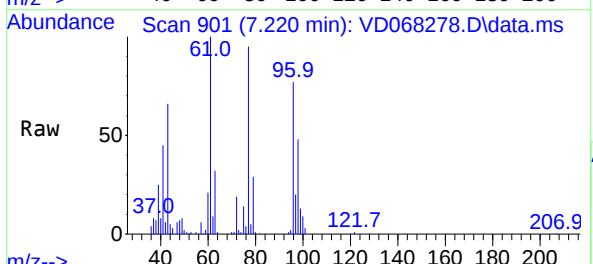
Manual Integrations  
APPROVED

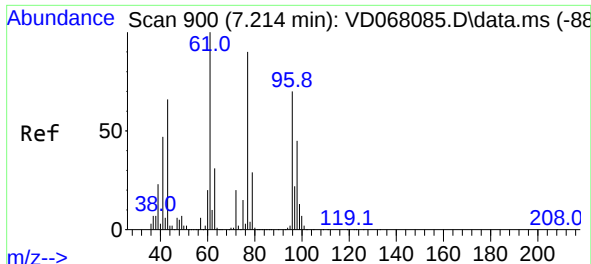
MMDadoda  
2/5/2021 10:50:33 AM



#26  
2,2-Dichloropropane  
Concen: 20.37 ug/l  
RT: 7.220 min Scan# 901  
Delta R.T. 0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

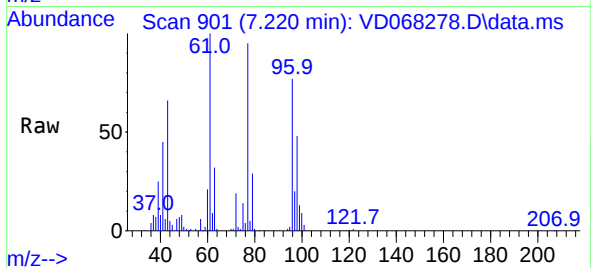
Tgt Ion: 77 Resp: 149694  
Ion Ratio Lower Upper  
77 100  
97 22.2 11.7 35.1





#27  
cis-1,2-Dichloroethene  
Concen: 20.99 ug/l  
RT: 7.220 min Scan# 901  
Delta R.T. 0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

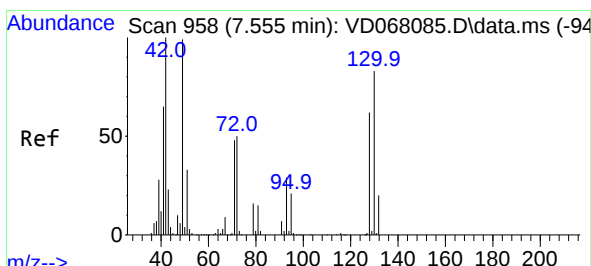
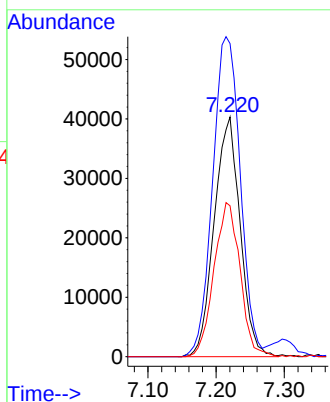
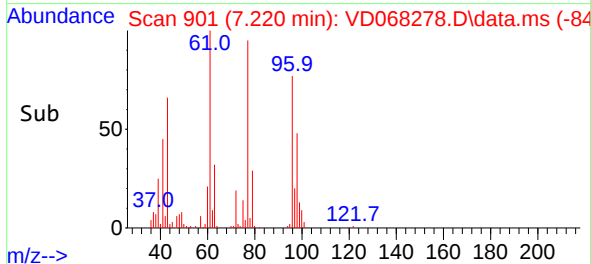
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



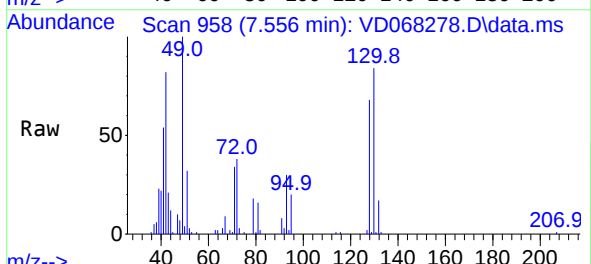
Tgt Ion: 96 Resp: 106838  
Ion Ratio Lower Upper  
96 100  
61 142.2 0.0 257.4  
98 64.5 0.0 126.6

Manual Integrations  
APPROVED

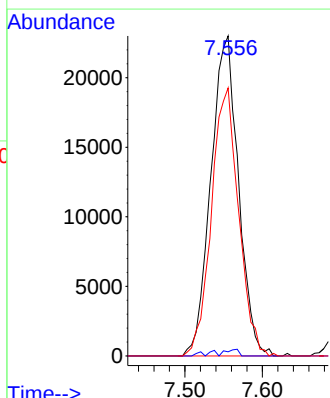
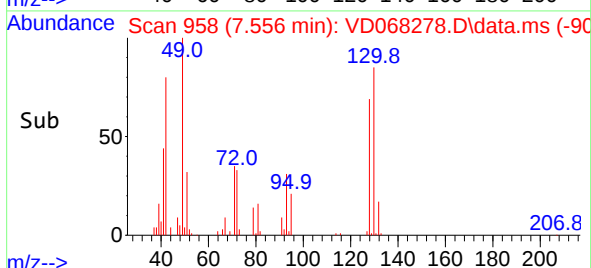
MMDadoda  
2/5/2021 10:50:33 AM

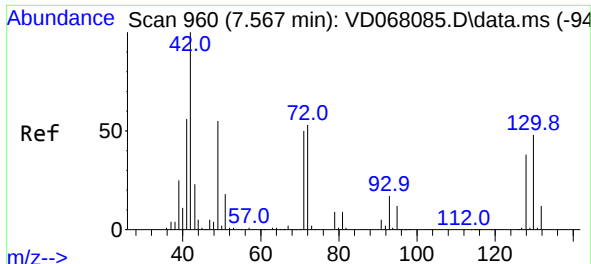


#28  
Bromochloromethane  
Concen: 21.52 ug/l  
RT: 7.556 min Scan# 958  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



Tgt Ion: 49 Resp: 56931  
Ion Ratio Lower Upper  
49 100  
129 1.0 0.0 4.8  
130 82.6 85.5 128.3#





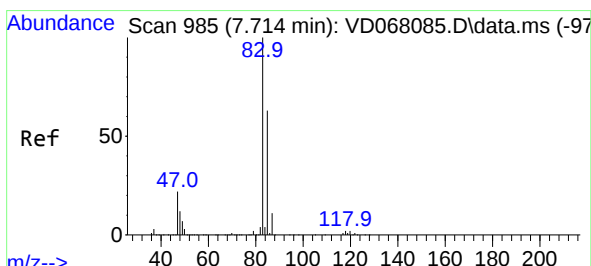
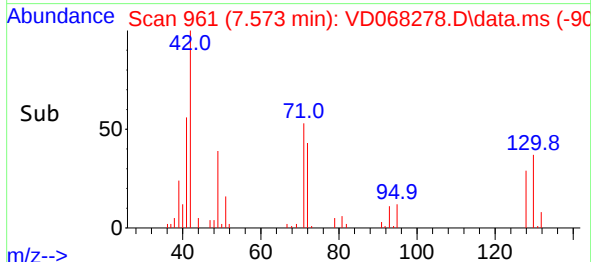
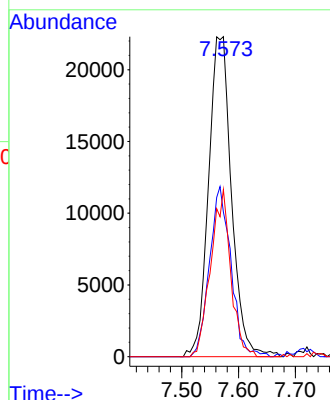
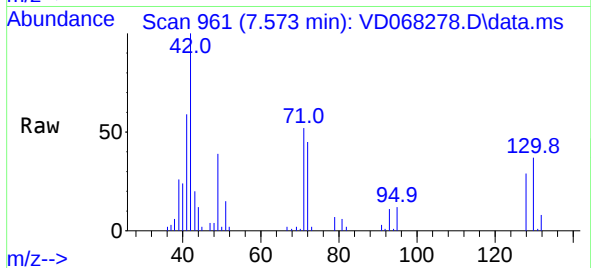
#29  
Tetrahydrofuran  
Concen: 100.73 ug/l  
RT: 7.573 min Scan# 961  
Delta R.T. 0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 42 Resp: 62591  
Ion Ratio Lower Upper  
42 100  
72 49.6 43.4 65.0  
71 45.5 40.8 61.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

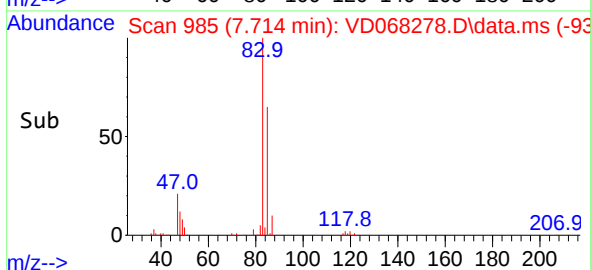
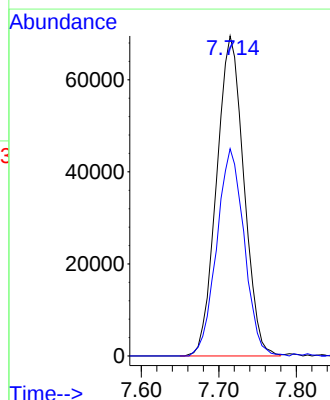
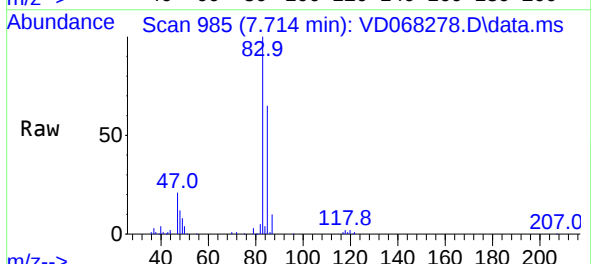
Manual Integrations  
APPROVED

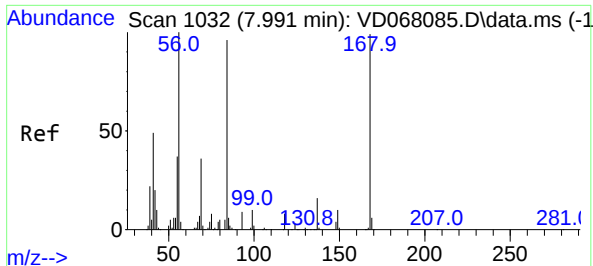
MMDadoda  
2/5/2021 10:50:33 AM



#30  
Chloroform  
Concen: 21.68 ug/l  
RT: 7.714 min Scan# 985  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

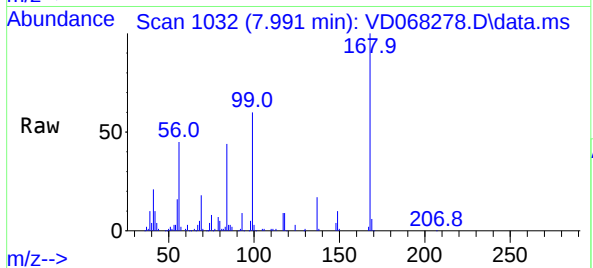
Tgt Ion: 83 Resp: 170086  
Ion Ratio Lower Upper  
83 100  
85 64.8 53.4 80.0





#31  
Cyclohexane  
Concen: 20.67 ug/l  
RT: 7.991 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

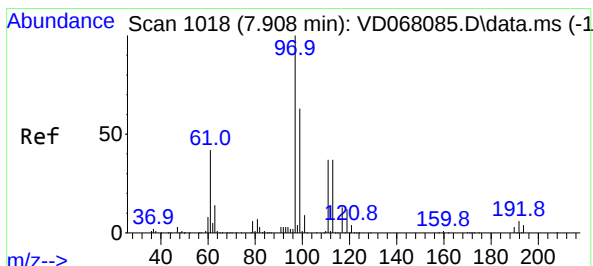
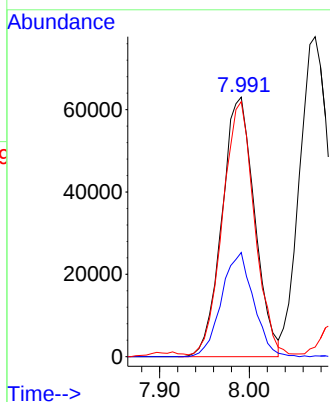
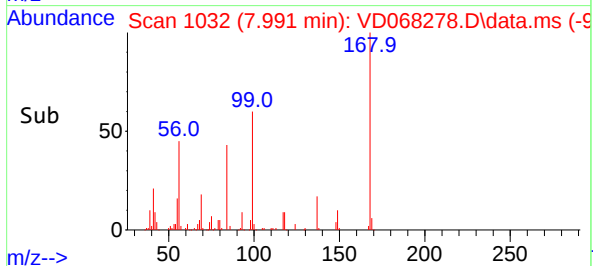
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



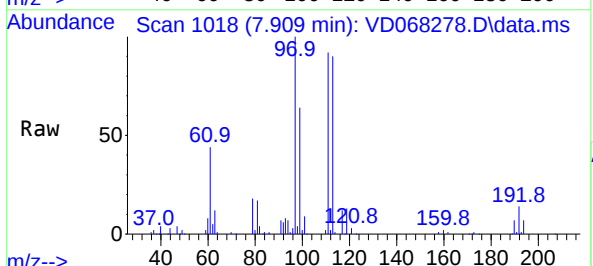
Tgt Ion: 56 Resp: 159574  
Ion Ratio Lower Upper  
56 100  
69 40.1 30.1 45.1  
84 97.2 82.1 123.1

Manual Integrations  
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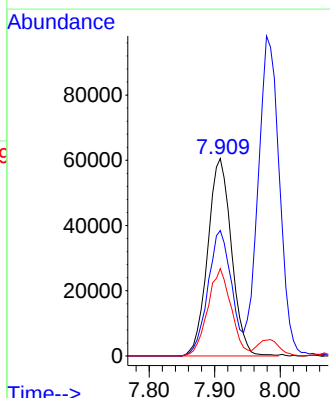
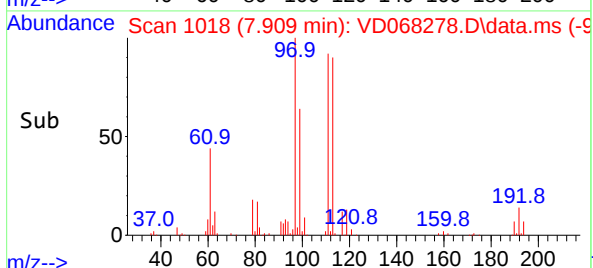
MMDadoda  
2/5/2021 10:50:33 AM

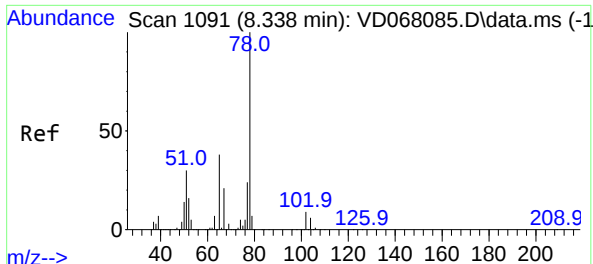


#32  
1,1,1-Trichloroethane  
Concen: 21.53 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



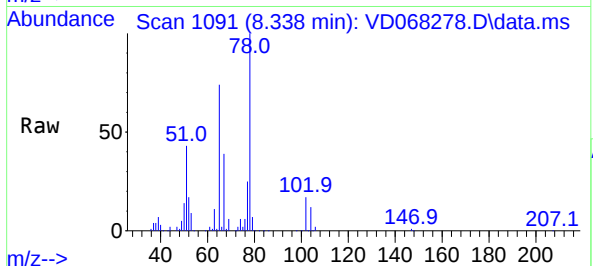
Tgt Ion: 97 Resp: 152280  
Ion Ratio Lower Upper  
97 100  
99 63.7 52.1 78.1  
61 43.8 30.1 45.1





#33  
1,2-Dichloroethane-d4  
Concen: 43.65 ug/l  
RT: 8.338 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

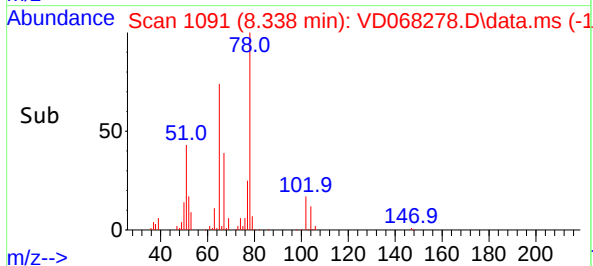
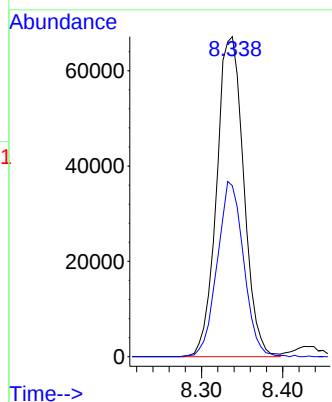
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



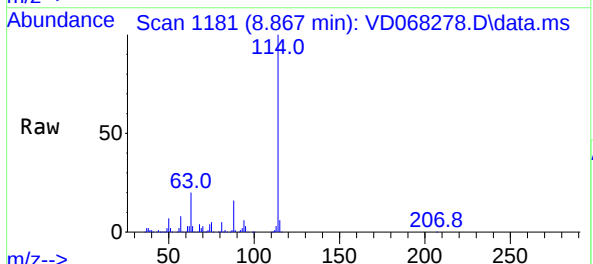
Tgt Ion: 65 Resp: 155633  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 105.0

Manual Integrations  
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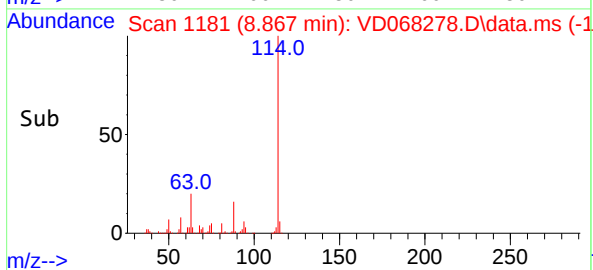
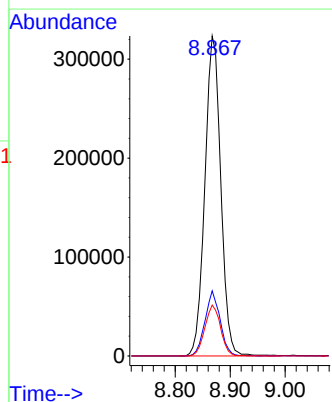
MMDadoda  
2/5/2021 10:50:33 AM

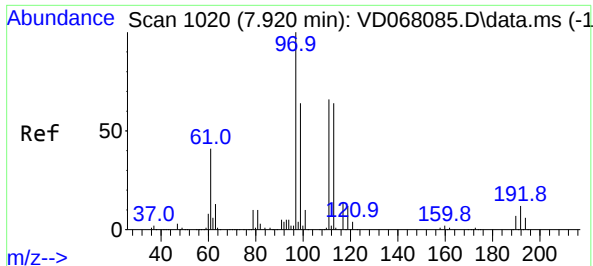


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

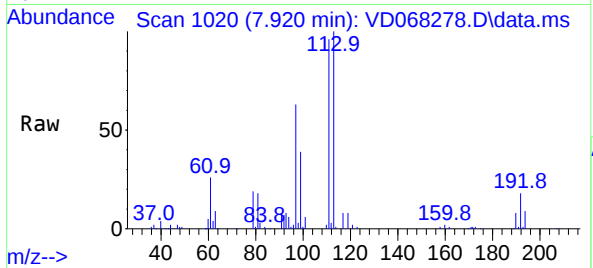


Tgt Ion: 114 Resp: 651064  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 34.8  
88 15.9 0.0 31.6

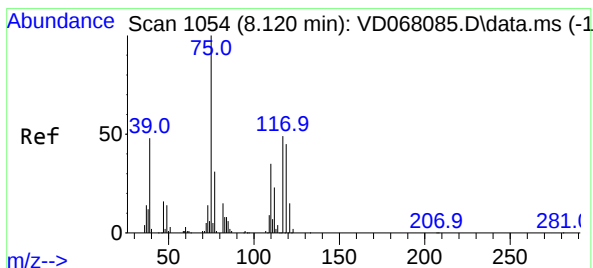
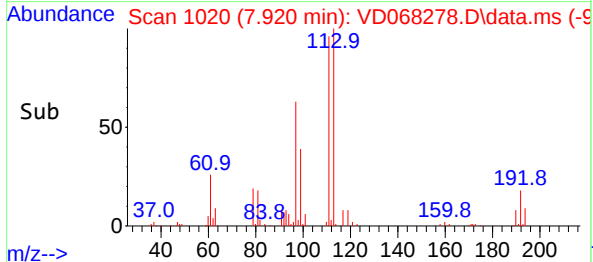
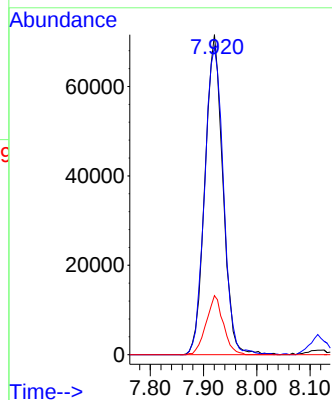




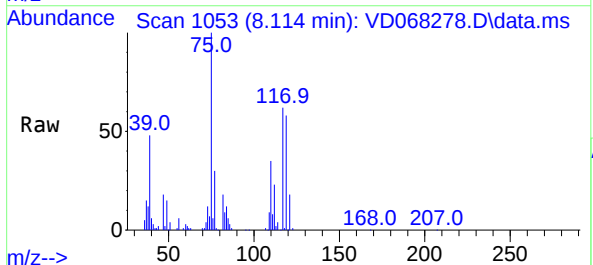
#35  
Dibromofluoromethane  
Concen: 46.35 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



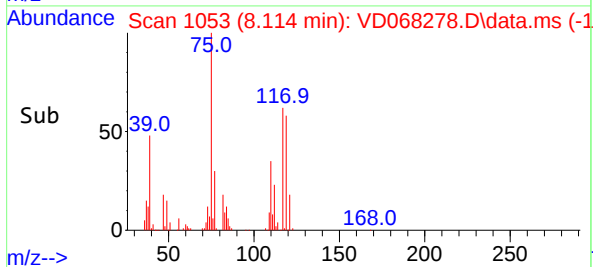
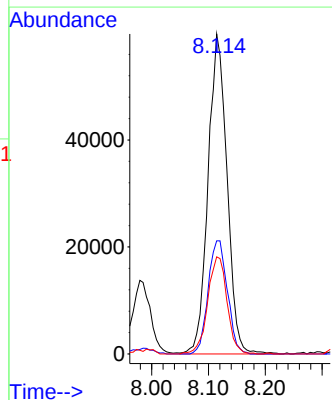
Tgt Ion:113 Resp: 166842  
Ion Ratio Lower Upper  
113 100  
111 100.8 81.4 122.0  
192 17.7 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 21.08 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



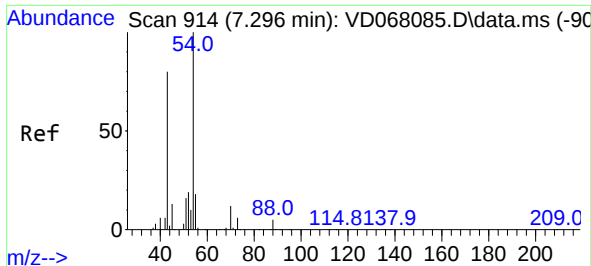
Tgt Ion: 75 Resp: 138411  
Ion Ratio Lower Upper  
75 100  
110 35.8 19.4 58.2  
77 30.9 25.3 37.9



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

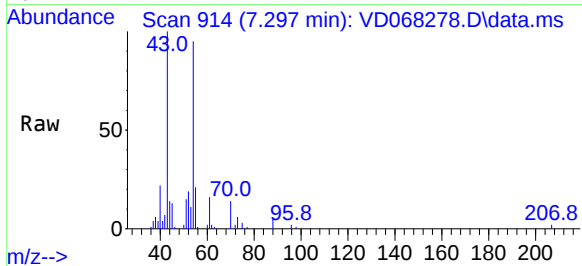
Manual Integrations  
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#37  
Ethyl Acetate  
Concen: 19.88 ug/l  
RT: 7.297 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

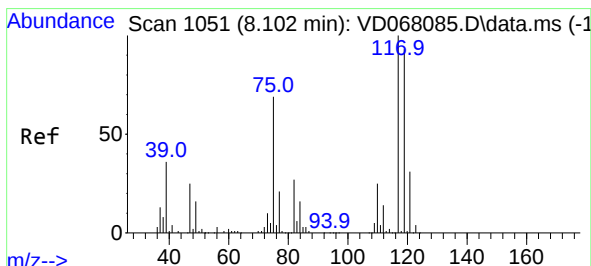
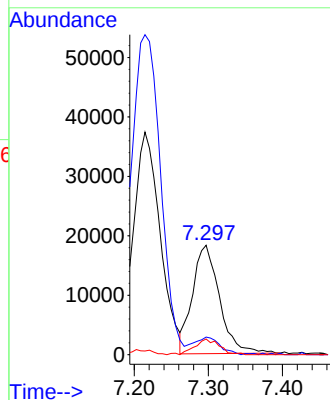
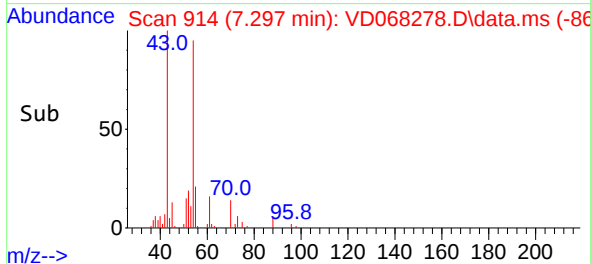
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



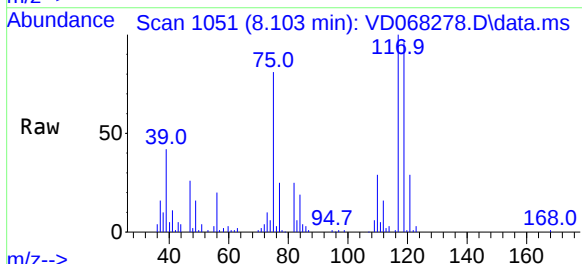
Tgt Ion: 43 Resp: 46173  
Ion Ratio Lower Upper  
43 100  
61 14.6 12.9 19.3  
70 13.3 11.0 16.6

Manual Integrations  
APPROVED

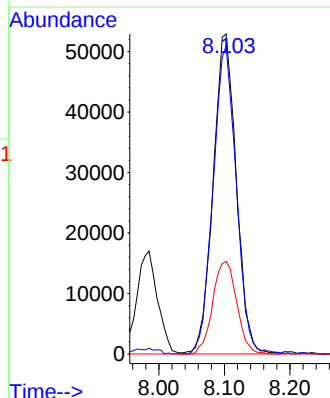
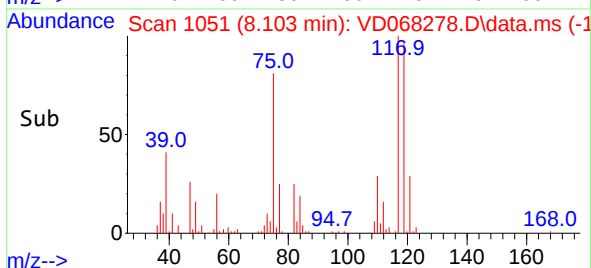
MMDadoda  
2/5/2021 10:50:33 AM

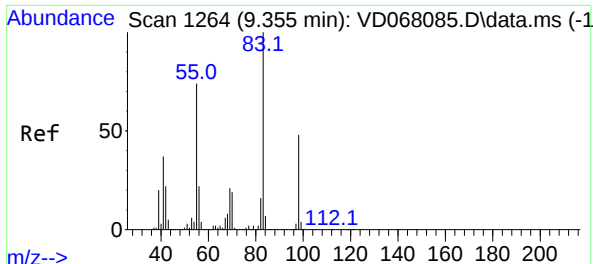


#38  
Carbon Tetrachloride  
Concen: 21.03 ug/l  
RT: 8.103 min Scan# 1051  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



Tgt Ion: 117 Resp: 129236  
Ion Ratio Lower Upper  
117 100  
119 96.2 77.3 115.9  
121 28.9 24.7 37.1





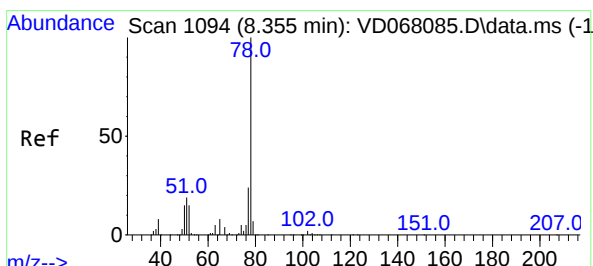
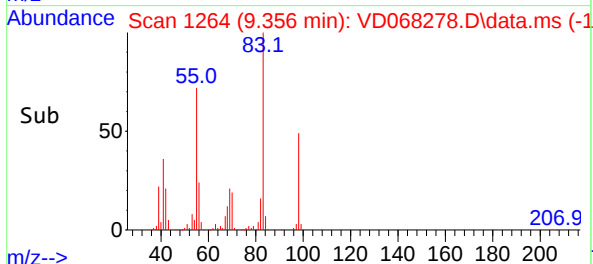
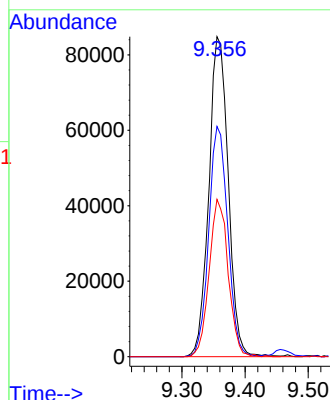
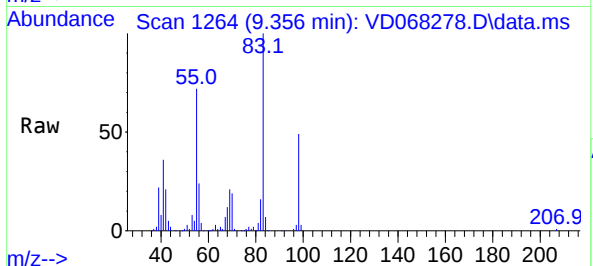
#39  
Methylcyclohexane  
Concen: 21.09 ug/l  
RT: 9.356 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 180994 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 71.9  | 55.2  | 82.8   |
| 98       | 49.1  | 39.1  | 58.7   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

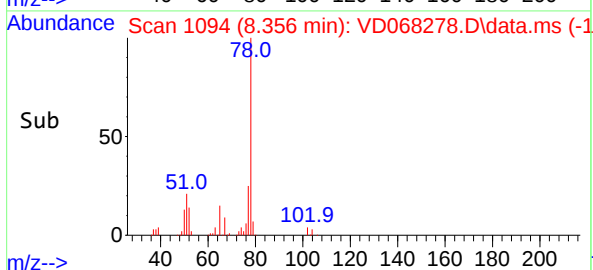
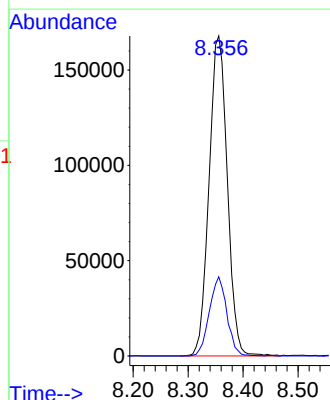
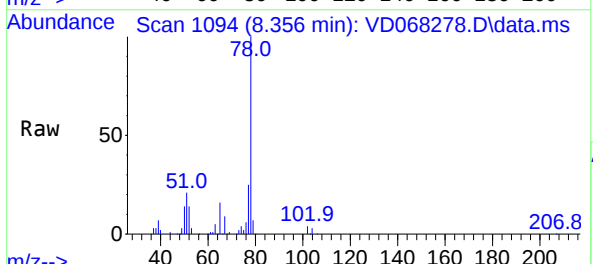
Manual Integrations  
APPROVED

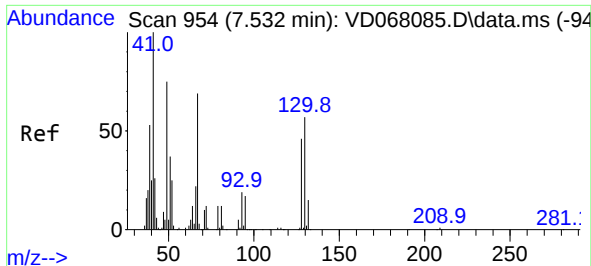
MMDadoda  
2/5/2021 10:50:33 AM



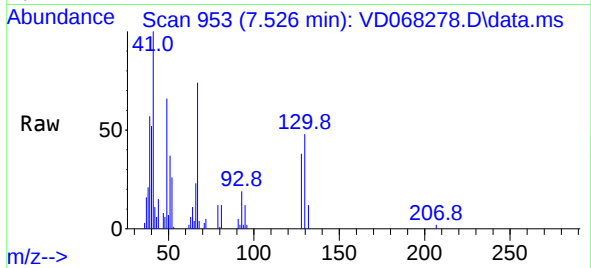
#40  
Benzene  
Concen: 21.08 ug/l  
RT: 8.356 min Scan# 1094  
Delta R.T. 0.001 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 387056 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.8  | 17.8  | 26.6   |



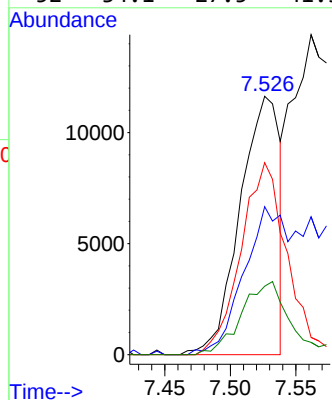


#41  
Methacrylonitrile  
Concen: 17.58 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



Tgt Ion: 41 Resp: 24643

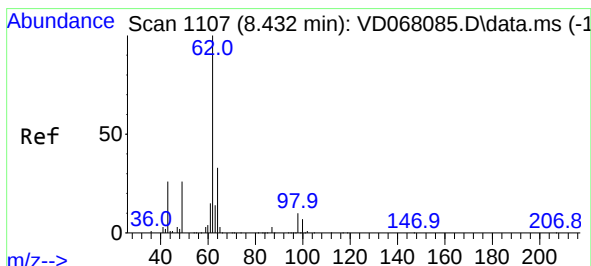
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 60.4  | 45.2  | 67.8  |
| 67  | 86.0  | 67.4  | 101.2 |
| 52  | 34.1  | 27.5  | 41.3  |



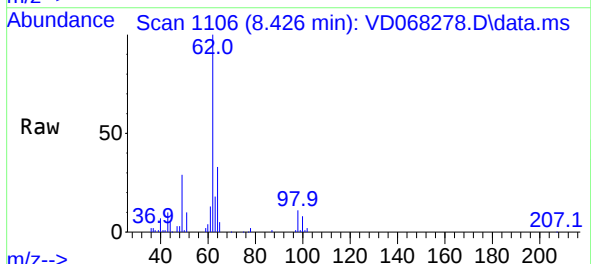
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

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MMDadoda  
2/5/2021 10:50:33 AM

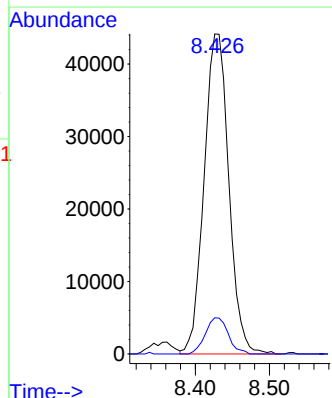
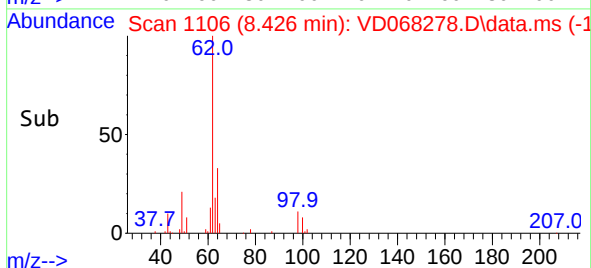


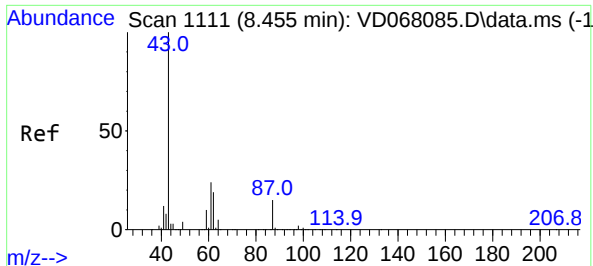
#42  
1,2-Dichloroethane  
Concen: 20.88 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



Tgt Ion: 62 Resp: 102431

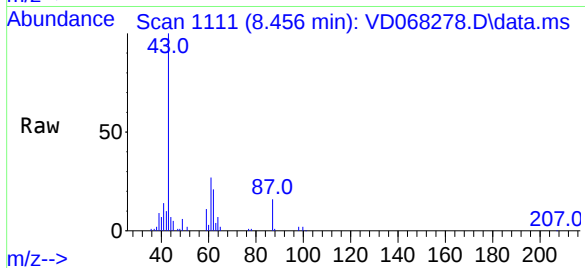
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.5  | 0.0   | 21.8  |





#43  
Isopropyl Acetate  
Concen: 18.45 ug/l  
RT: 8.456 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

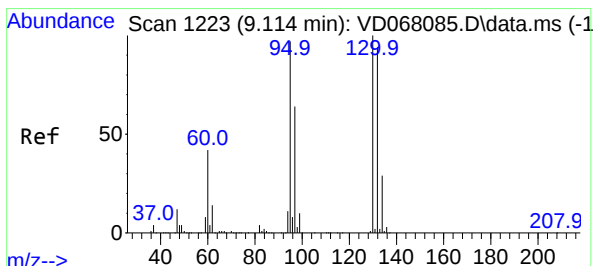
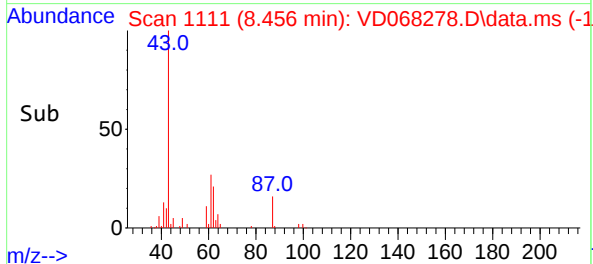
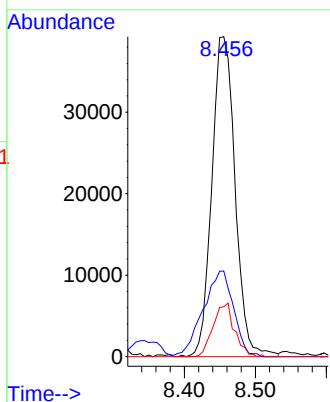
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



Tgt Ion: 43 Resp: 89301  
Ion Ratio Lower Upper  
43 100  
61 35.0 28.7 43.1  
87 15.4 13.9 20.9

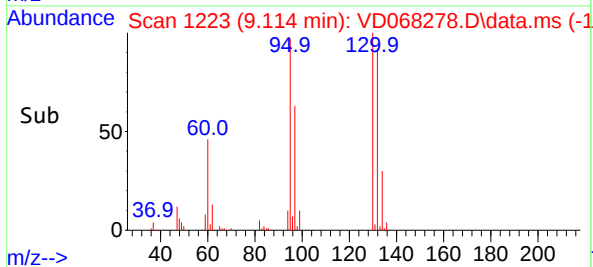
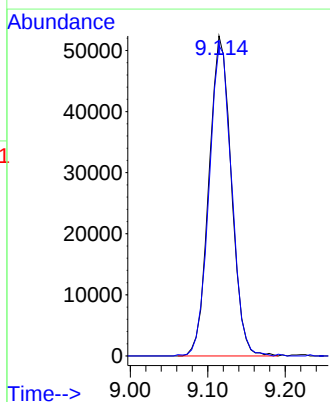
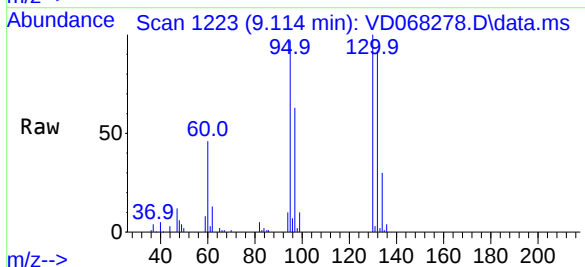
Manual Integrations  
APPROVED

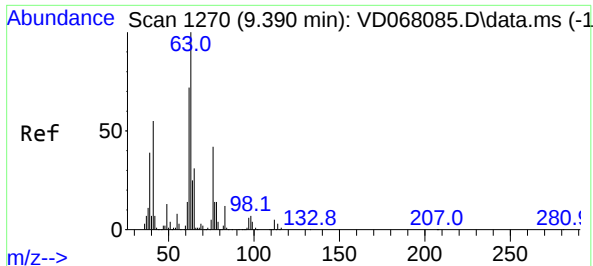
MMDadoda  
2/5/2021 10:50:33 AM



#44  
Trichloroethene  
Concen: 20.86 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 130 Resp: 105171  
Ion Ratio Lower Upper  
130 100  
95 96.5 0.0 191.2





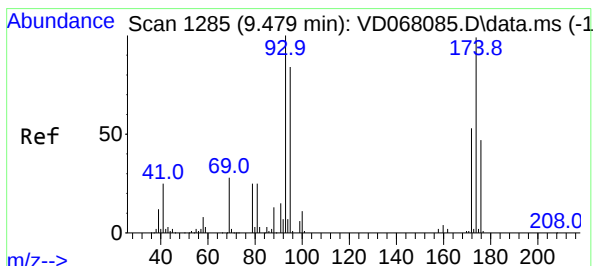
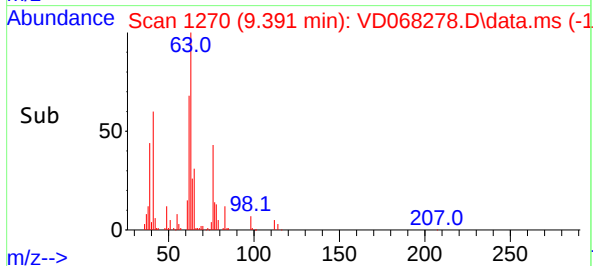
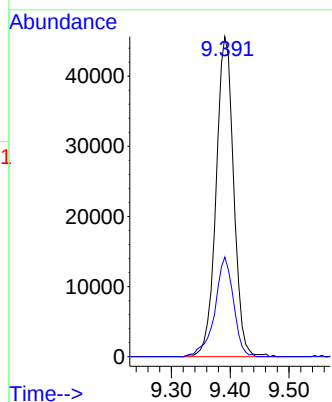
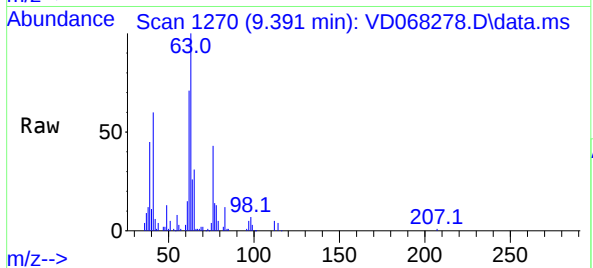
#45  
1,2-Dichloropropane  
Concen: 21.08 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 63 Resp: 94777  
Ion Ratio Lower Upper  
63 100  
65 31.1 26.6 40.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

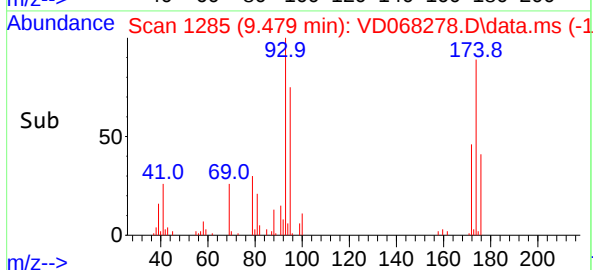
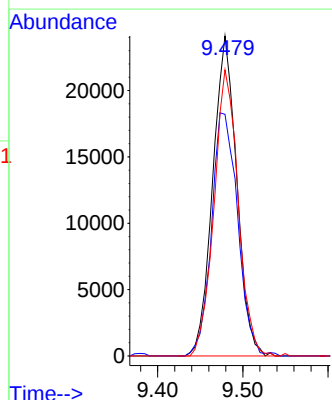
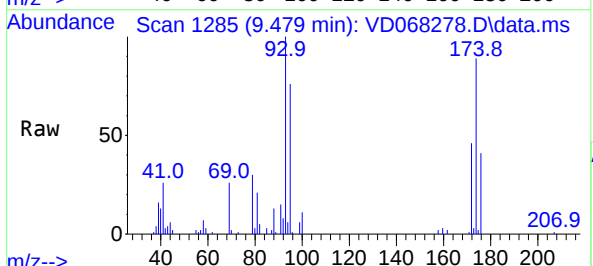
Manual Integrations  
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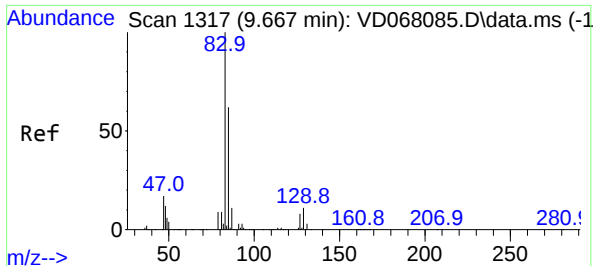
MMDadoda  
2/5/2021 10:50:33 AM



#46  
Dibromomethane  
Concen: 20.68 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 93 Resp: 47117  
Ion Ratio Lower Upper  
93 100  
95 83.0 67.3 100.9  
174 90.1 84.6 127.0





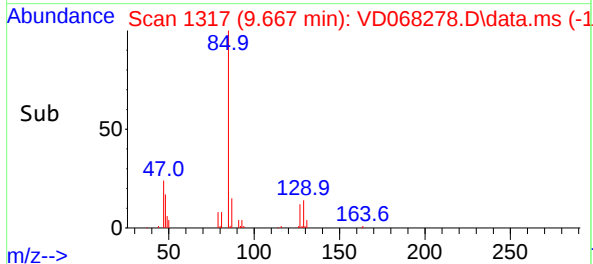
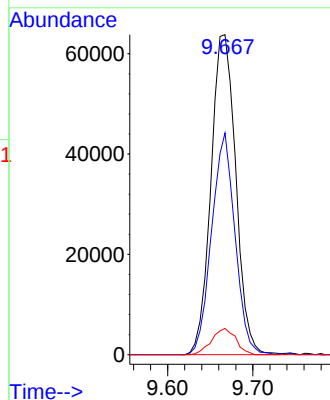
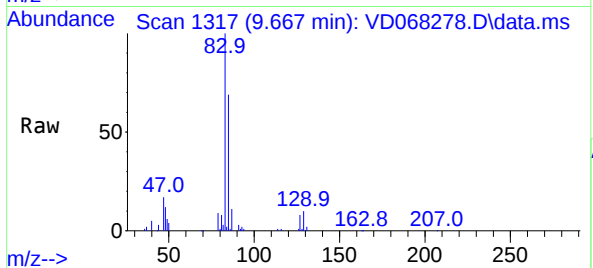
#47  
Bromodichloromethane  
Concen: 21.02 ug/l  
RT: 9.667 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 83 Resp: 129173  
Ion Ratio Lower Upper  
83 100  
85 69.3 51.6 77.4  
127 8.2 7.4 11.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

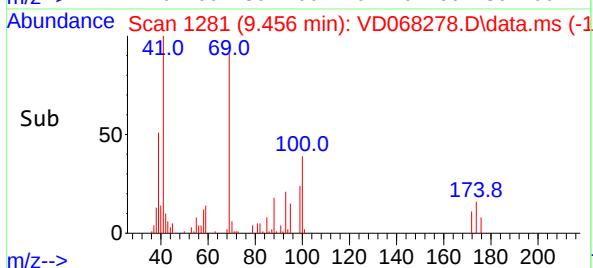
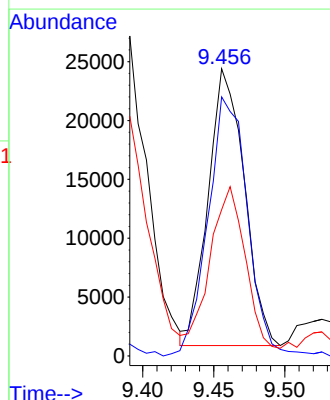
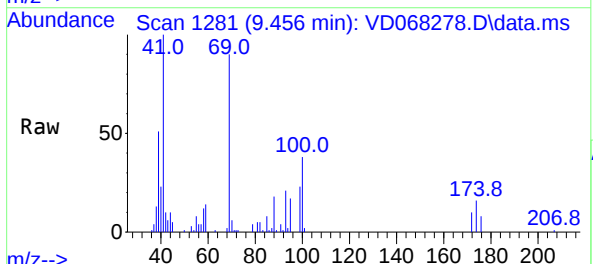
Manual Integrations  
APPROVED

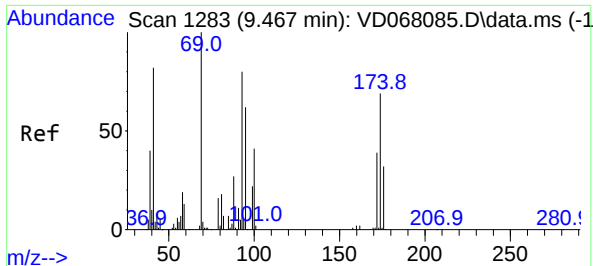
MMDadoda  
2/5/2021 10:50:33 AM



#48  
Methyl methacrylate  
Concen: 17.28 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. -0.005 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 41 Resp: 41636  
Ion Ratio Lower Upper  
41 100  
69 102.4 77.1 115.7  
39 56.2 41.5 62.3





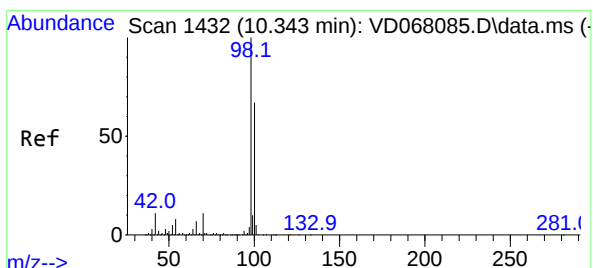
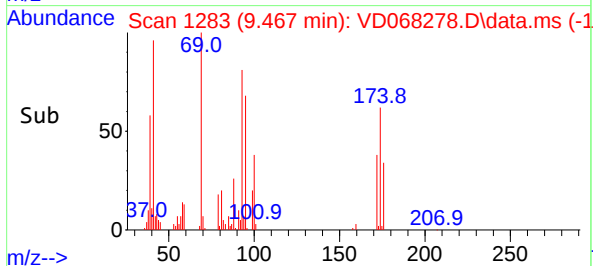
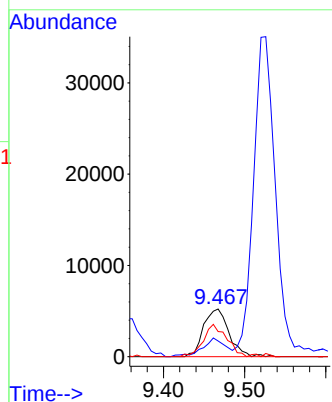
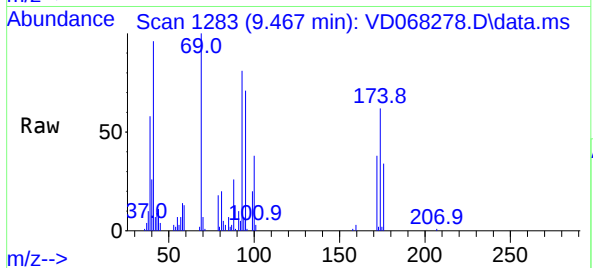
#49  
1,4-Dioxane  
Concen: 426.02 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 88 Resp: 11372  
Ion Ratio Lower Upper  
88 100  
43 34.9 22.1 33.1#  
58 61.8 46.7 70.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

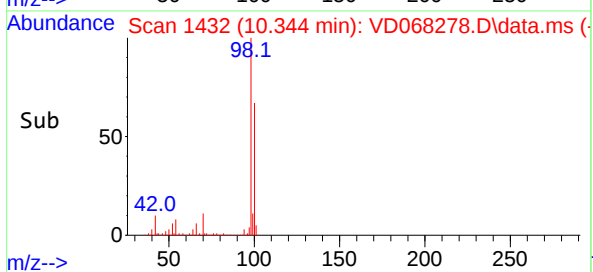
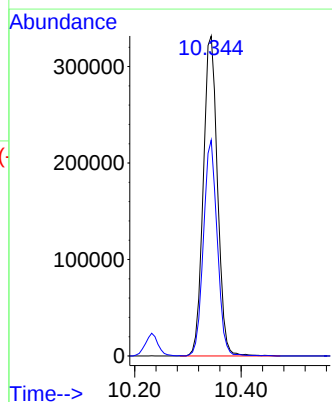
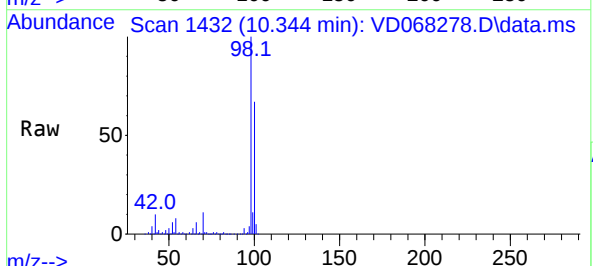
Manual Integrations  
APPROVED

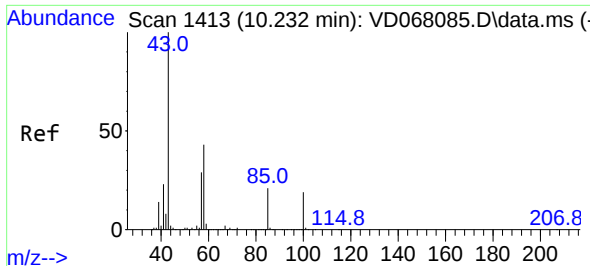
MMDadoda  
2/5/2021 10:50:33 AM



#50  
Toluene-d8  
Concen: 42.56 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

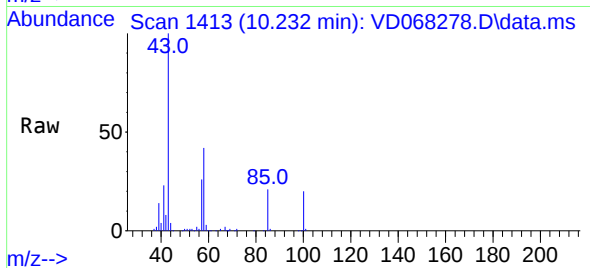
Tgt Ion: 98 Resp: 612810  
Ion Ratio Lower Upper  
98 100  
100 65.2 53.0 79.4





#51  
4-Methyl-2-Pentanone  
Concen: 97.65 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

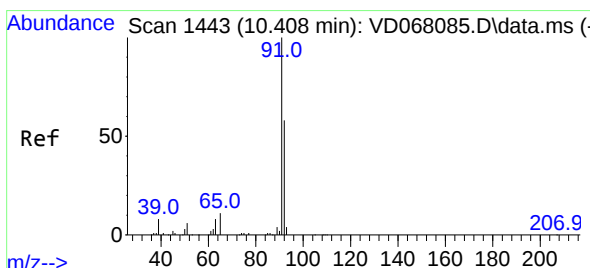
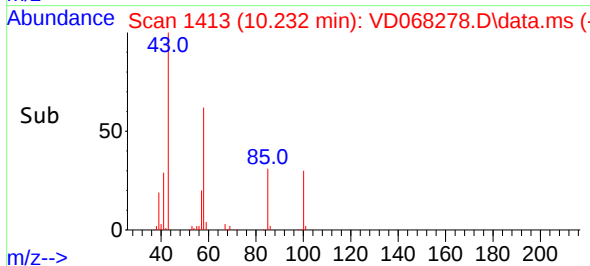
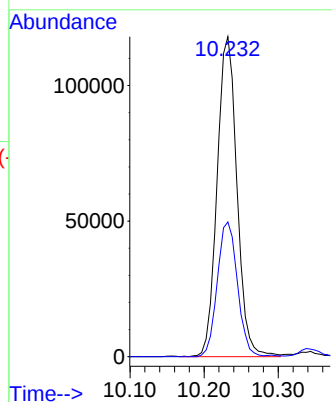
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



Tgt Ion: 43 Resp: 219695  
Ion Ratio Lower Upper  
43 100  
58 42.6 36.1 54.1

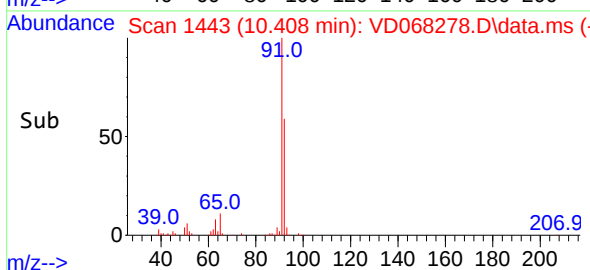
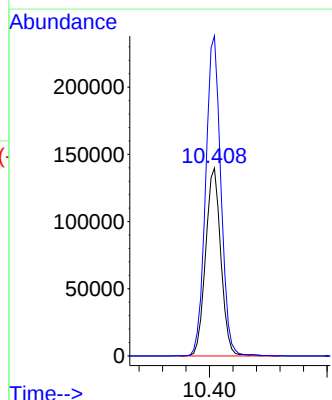
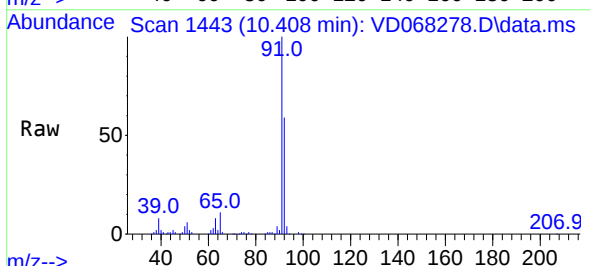
Manual Integrations  
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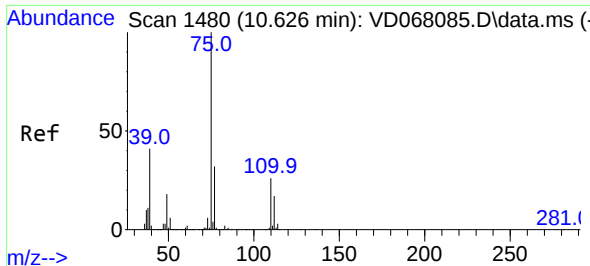
MMDadoda  
2/5/2021 10:50:33 AM



#52  
Toluene  
Concen: 21.08 ug/l  
RT: 10.408 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 92 Resp: 252153  
Ion Ratio Lower Upper  
92 100  
91 170.4 134.1 201.1





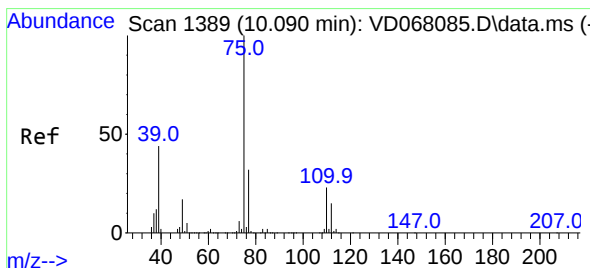
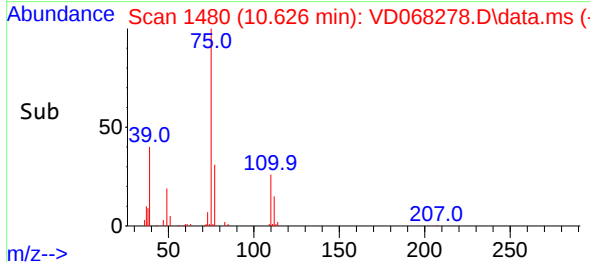
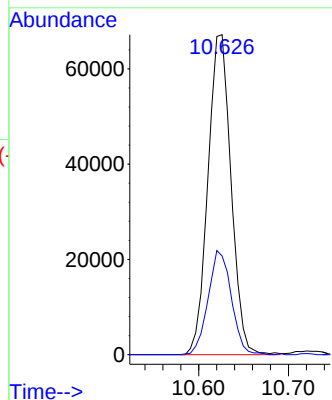
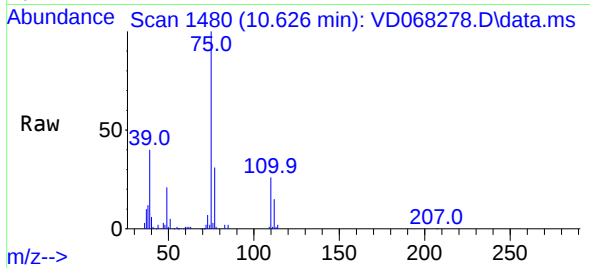
#53  
t-1,3-Dichloropropene  
Concen: 19.35 ug/l  
RT: 10.626 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 75 Resp: 120401  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.0 37.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

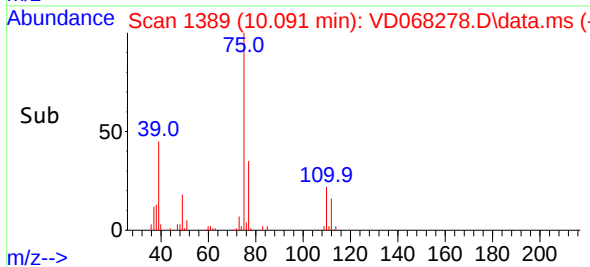
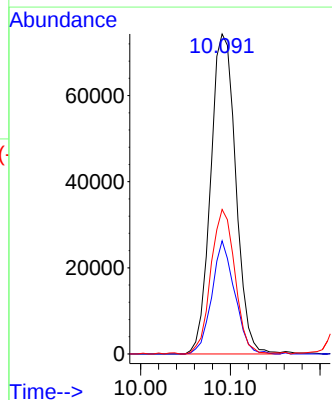
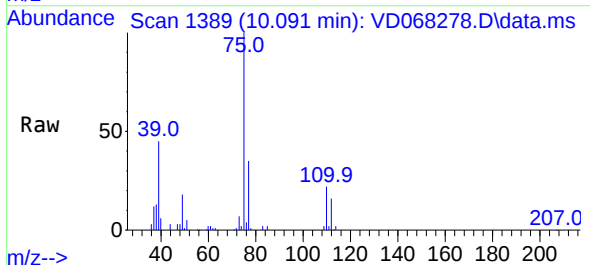
Manual Integrations  
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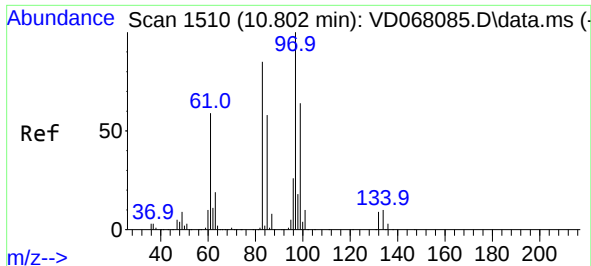
MMDadoda  
2/5/2021 10:50:33 AM



#54  
cis-1,3-Dichloropropene  
Concen: 19.49 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

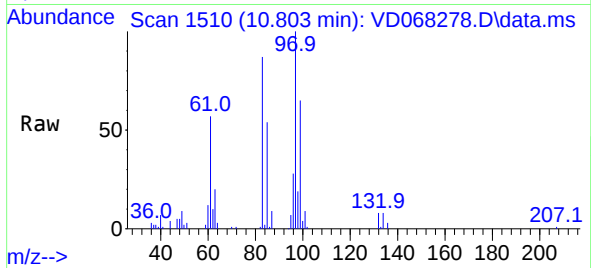
Tgt Ion: 75 Resp: 144298  
Ion Ratio Lower Upper  
75 100  
77 35.4 24.6 37.0  
39 45.2 31.4 47.0





#55  
1,1,2-Trichloroethane  
Concen: 21.44 ug/l  
RT: 10.803 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

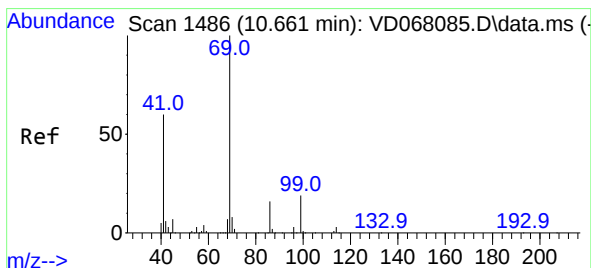
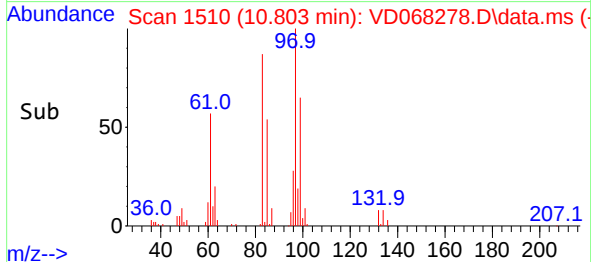
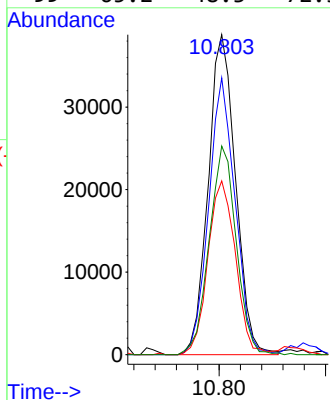
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



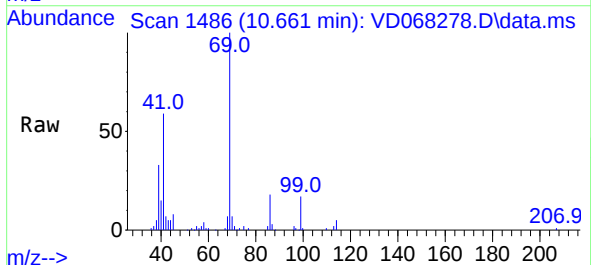
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 69225 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.5  | 61.8  | 92.6  |
| 85       | 54.3  | 42.2  | 63.2  |
| 99       | 65.2  | 48.3  | 72.5  |

Manual Integrations  
APPROVED

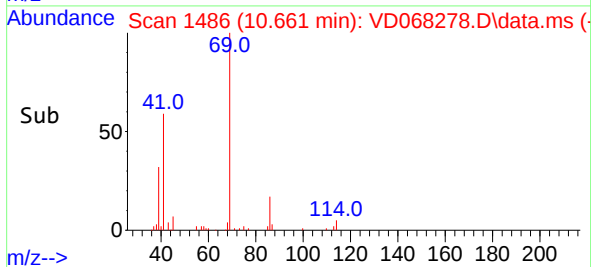
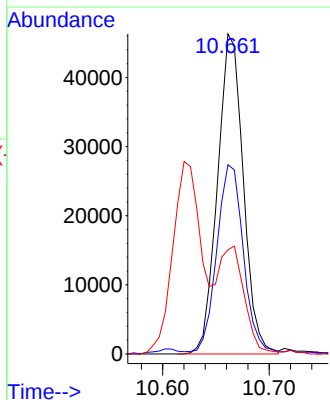
MMDadoda  
2/5/2021 10:50:33 AM

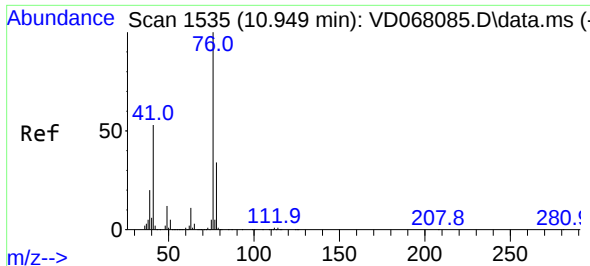


#56  
Ethyl methacrylate  
Concen: 18.10 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 77836 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 60.2  | 44.9  | 67.3  |
| 39       | 29.8  | 21.9  | 32.9  |





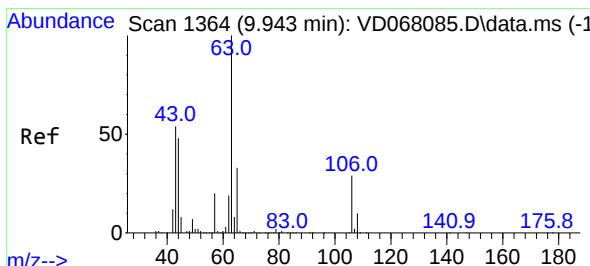
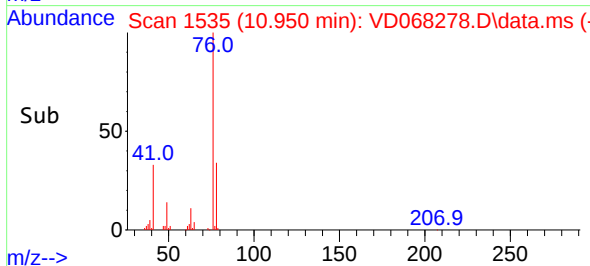
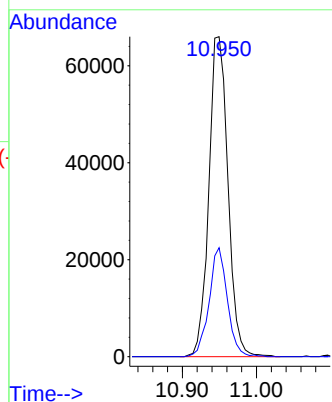
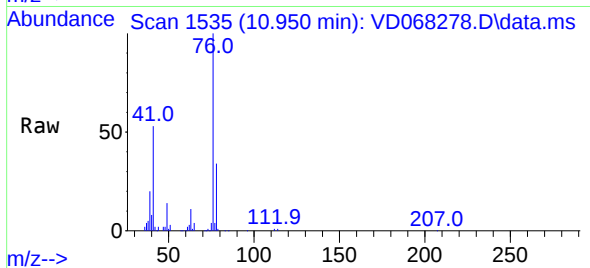
#57  
1,3-Dichloropropane  
Concen: 20.78 ug/l  
RT: 10.950 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 76 Resp: 118349  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.6 38.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

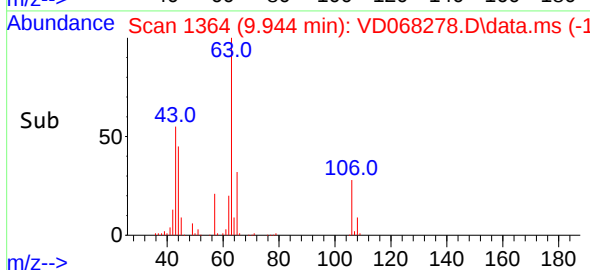
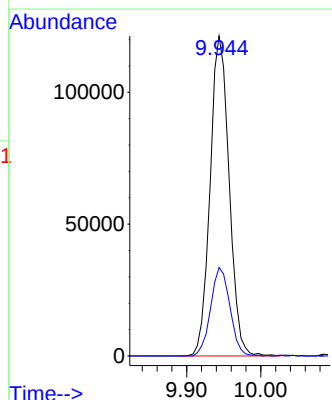
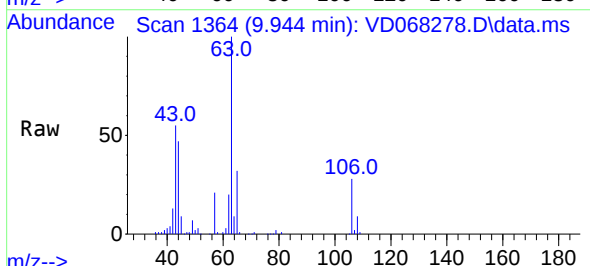
Manual Integrations  
APPROVED

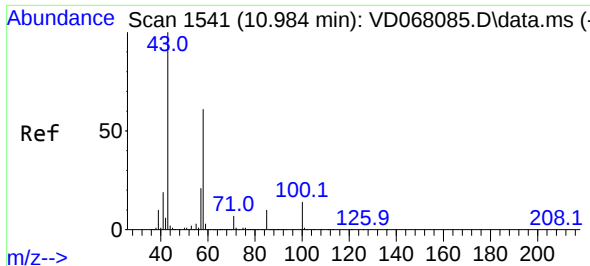
MMDadoda  
2/5/2021 10:50:33 AM



#58  
2-Chloroethyl Vinyl ether  
Concen: 109.09 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

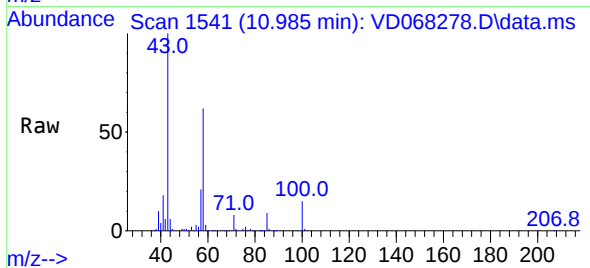
Tgt Ion: 63 Resp: 216483  
Ion Ratio Lower Upper  
63 100  
106 28.0 27.0 40.4





#59  
2-Hexanone  
Concen: 99.06 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

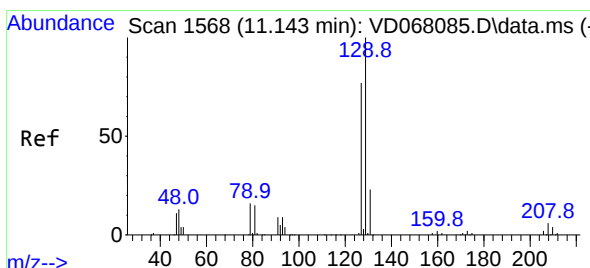
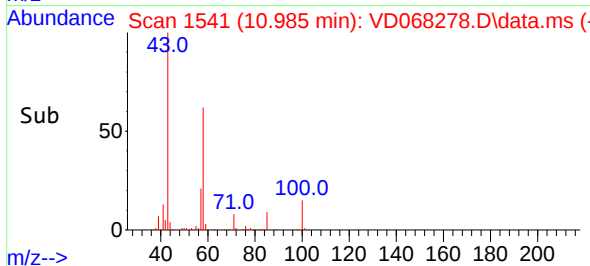
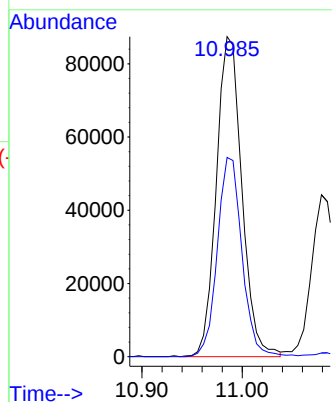
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



Tgt Ion: 43 Resp: 154490  
Ion Ratio Lower Upper  
43 100  
58 60.2 31.0 93.0

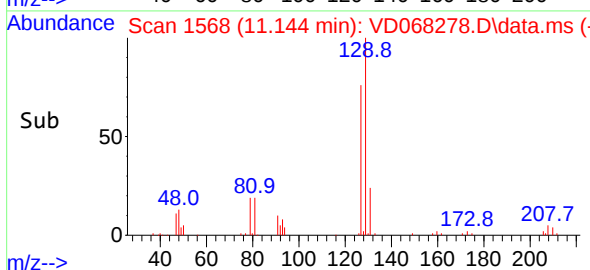
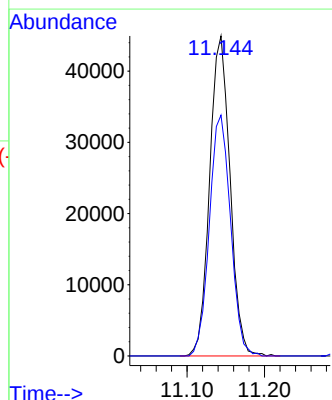
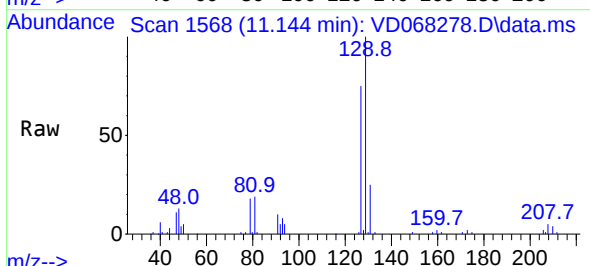
Manual Integrations  
APPROVED

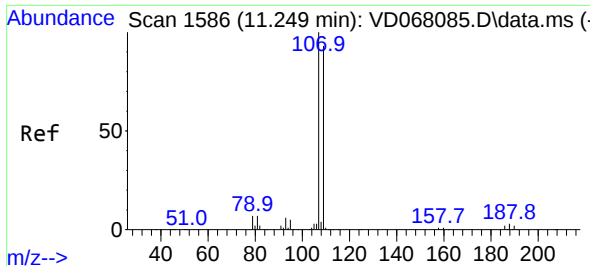
MMDadoda  
2/5/2021 10:50:33 AM



#60  
Dibromochloromethane  
Concen: 20.30 ug/l  
RT: 11.144 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

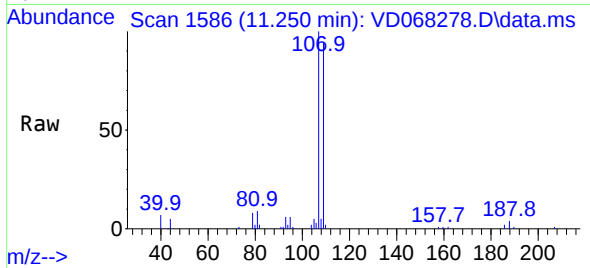
Tgt Ion: 129 Resp: 82148  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.6 116.0





#61  
1,2-Dibromoethane  
Concen: 20.65 ug/l  
RT: 11.250 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

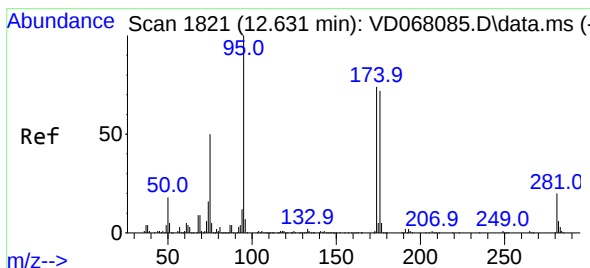
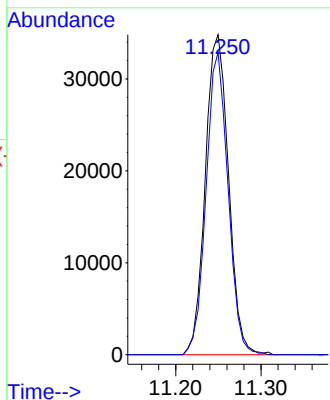
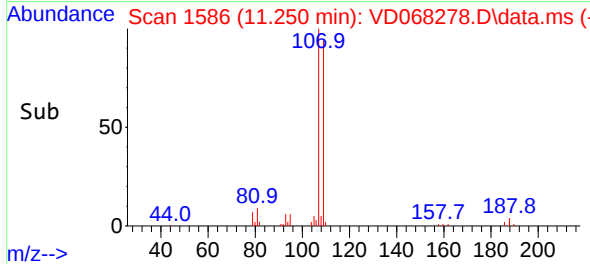
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



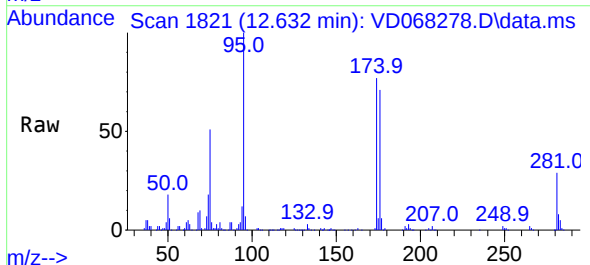
Tgt Ion:107 Resp: 65770  
Ion Ratio Lower Upper  
107 100  
109 89.4 74.8 112.2

Manual Integrations  
APPROVED

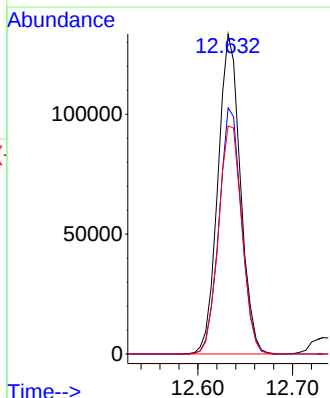
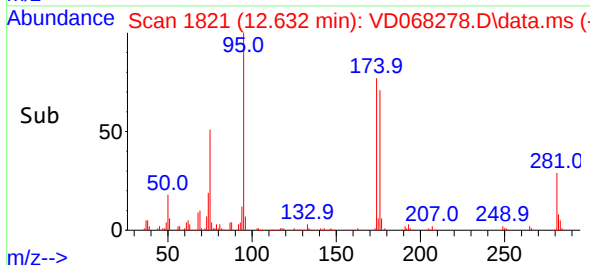
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2/5/2021 10:50:33 AM

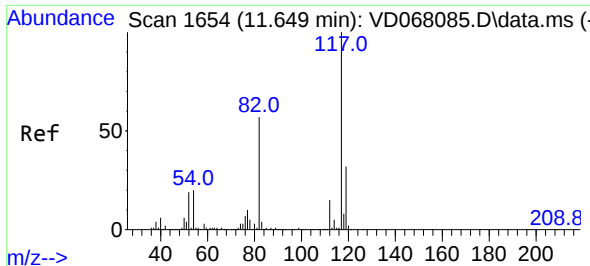


#62  
4-Bromofluorobenzene  
Concen: 42.32 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



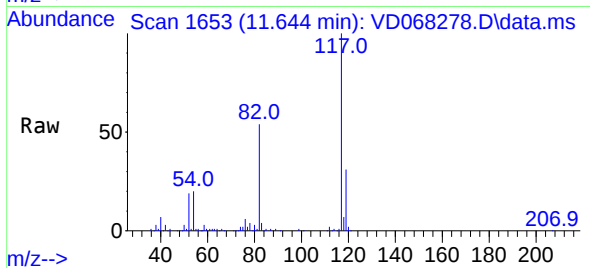
Tgt Ion: 95 Resp: 219422  
Ion Ratio Lower Upper  
95 100  
174 77.2 0.0 172.4  
176 74.3 0.0 168.4





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. -0.005 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

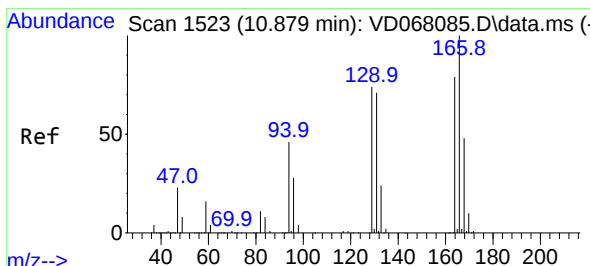
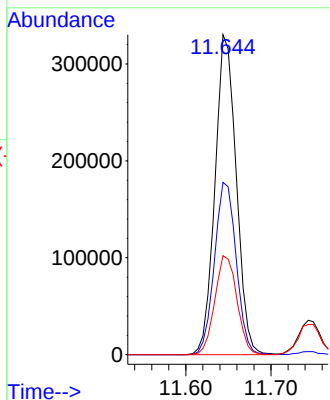
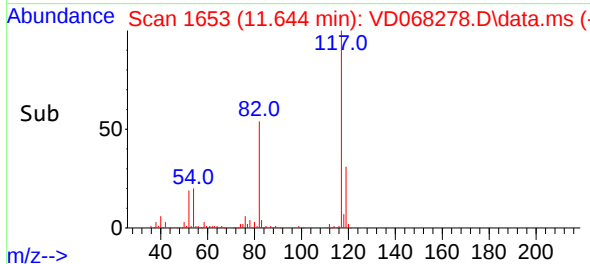
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



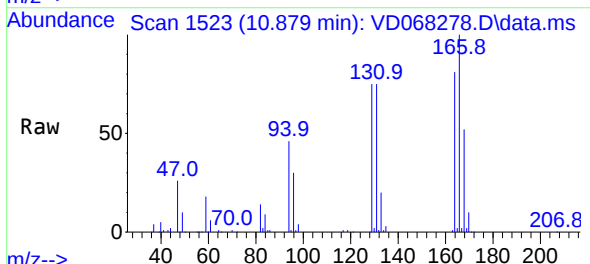
Tgt Ion:117 Resp: 572829  
Ion Ratio Lower Upper  
117 100  
82 53.8 41.4 62.0  
119 30.9 26.1 39.1

Manual Integrations  
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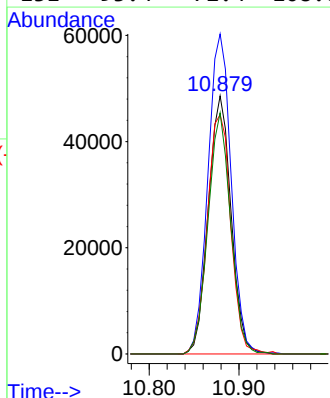
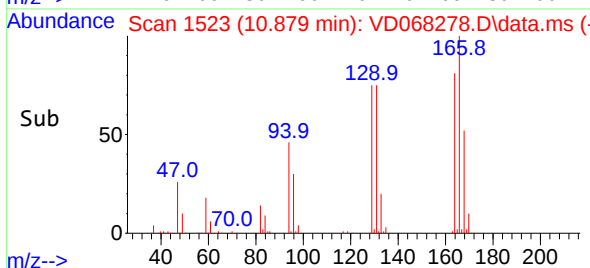
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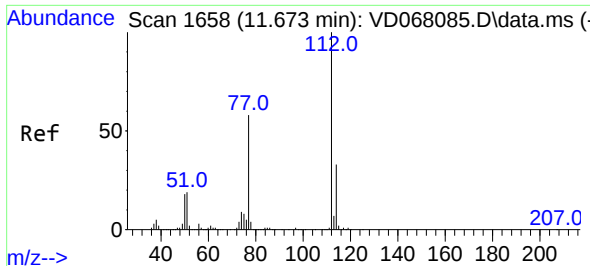


#64  
Tetrachloroethene  
Concen: 21.33 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



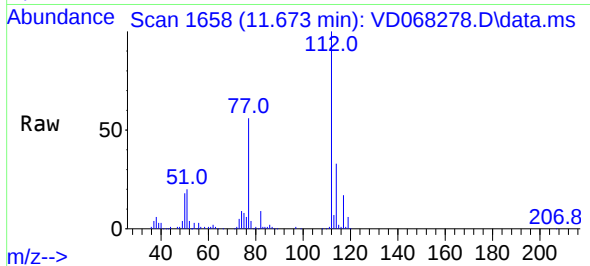
Tgt Ion:164 Resp: 86119  
Ion Ratio Lower Upper  
164 100  
166 124.0 105.5 158.3  
129 92.7 75.6 113.4  
131 93.4 72.4 108.6





#65  
Chlorobenzene  
Concen: 21.45 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

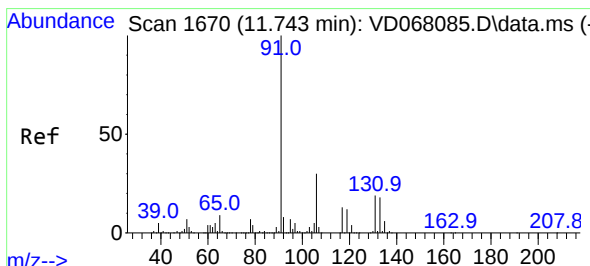
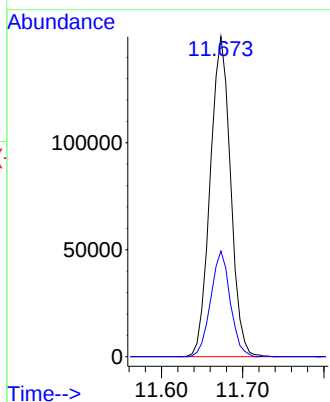
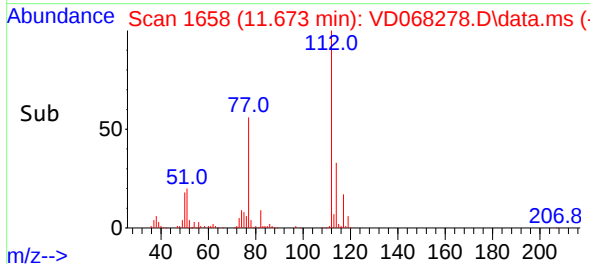
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



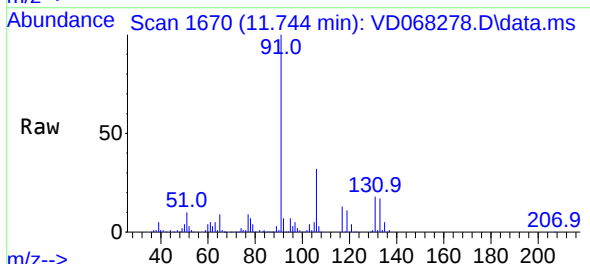
Tgt Ion:112 Resp: 261052  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.7 38.5

Manual Integrations  
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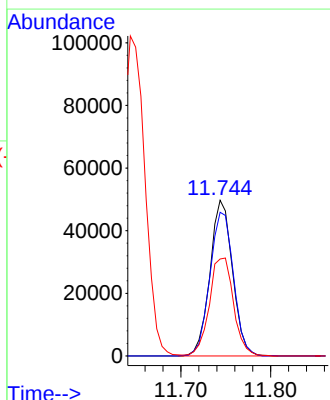
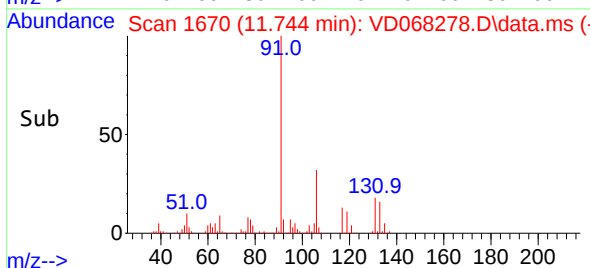
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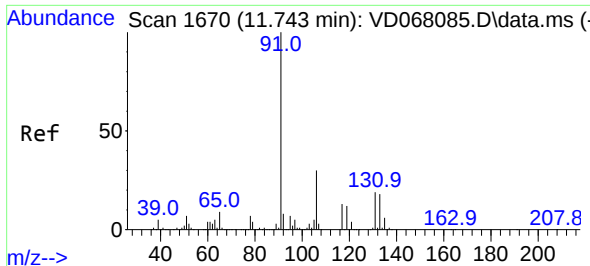


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.27 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



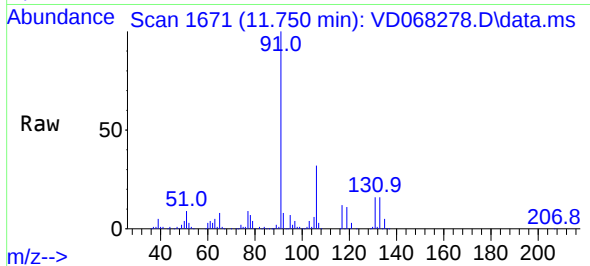
Tgt Ion:131 Resp: 86764  
Ion Ratio Lower Upper  
131 100  
133 96.5 48.1 144.4  
119 67.6 31.6 94.8





#67  
Ethyl Benzene  
Concen: 21.38 ug/l  
RT: 11.750 min Scan# 1671  
Delta R.T. 0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

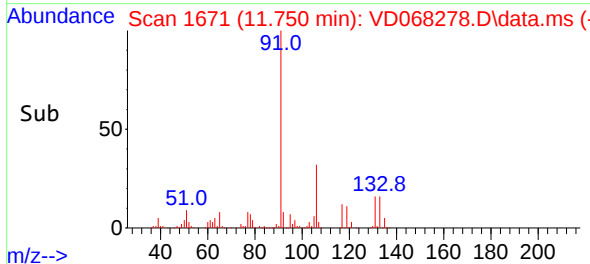
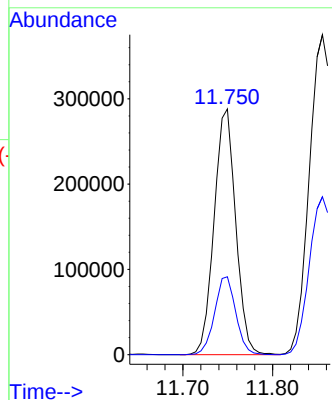
Instrument :  
MSVOA\_D  
ClientSampleID :  
VD0204SBS01



Tgt Ion: 91 Resp: 481848  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.9 38.9

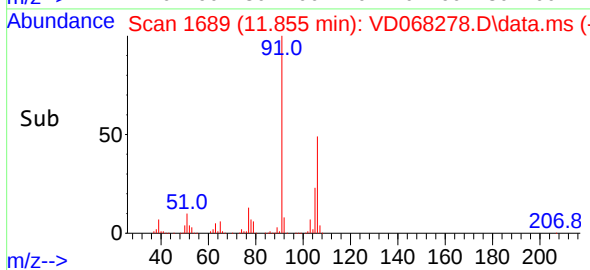
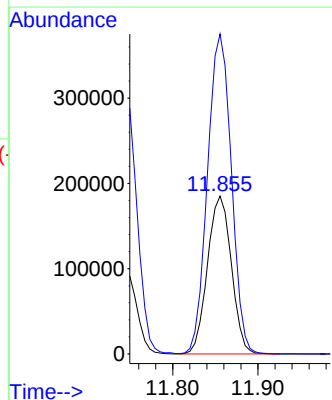
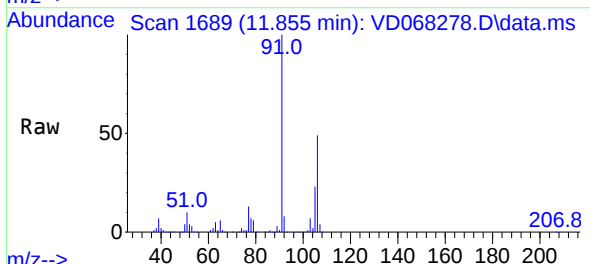
Manual Integrations  
APPROVED

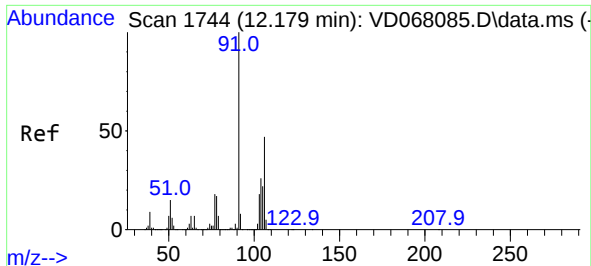
MMDadoda  
2/5/2021 10:50:33 AM



#68  
m/p-Xylenes  
Concen: 42.35 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 106 Resp: 360336  
Ion Ratio Lower Upper  
106 100  
91 202.6 159.1 238.7





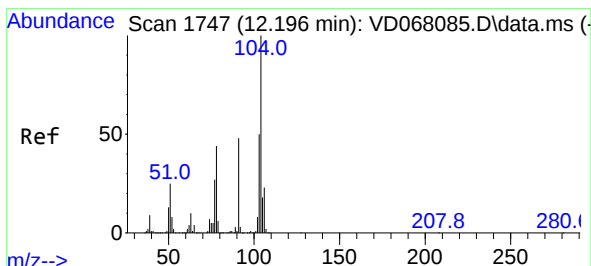
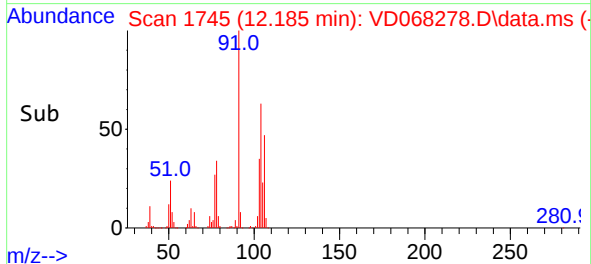
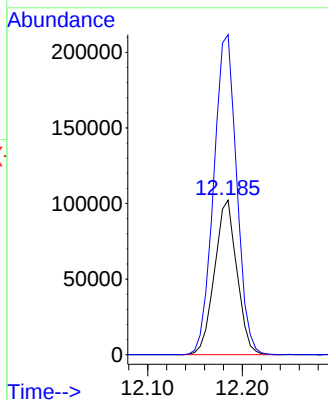
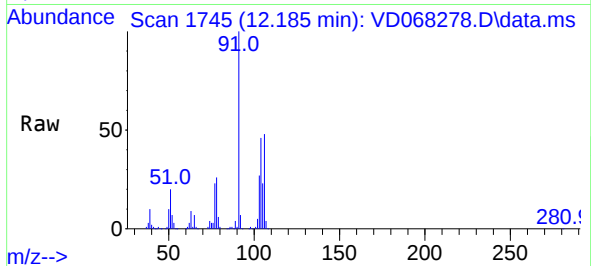
#69  
o-Xylene  
Concen: 21.22 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. 0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion:106 Resp: 167672  
Ion Ratio Lower Upper  
106 100  
91 213.1 108.7 325.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

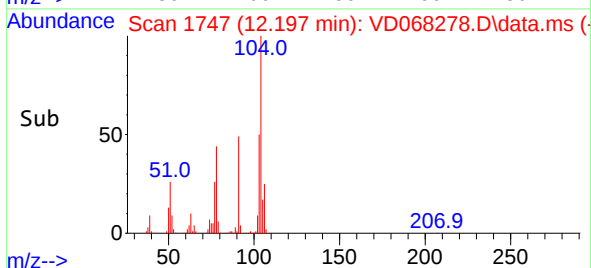
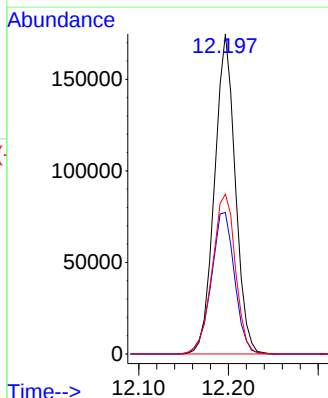
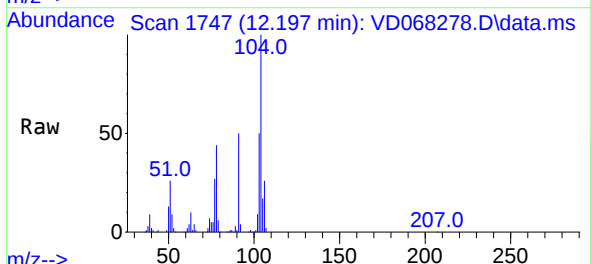
Manual Integrations  
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#70  
Styrene  
Concen: 20.78 ug/l  
RT: 12.197 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion:104 Resp: 280304  
Ion Ratio Lower Upper  
104 100  
78 49.6 38.2 57.2  
103 55.8 43.1 64.7





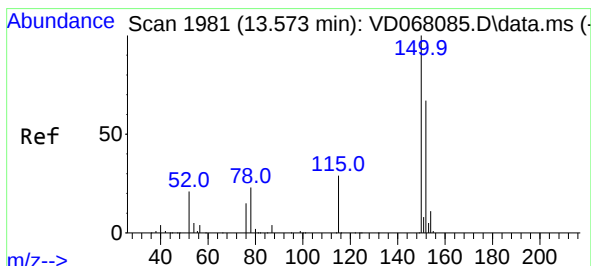
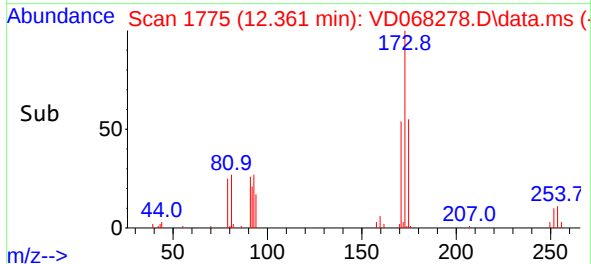
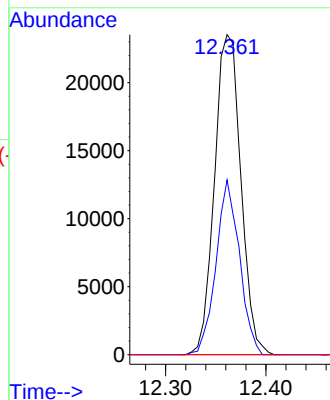
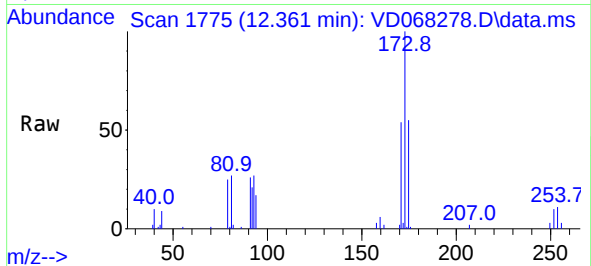
#71  
Bromoform  
Concen: 19.81 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 42978 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.6  | 24.6  | 73.8  |
| 254       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

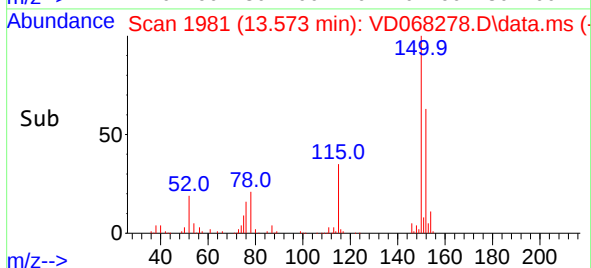
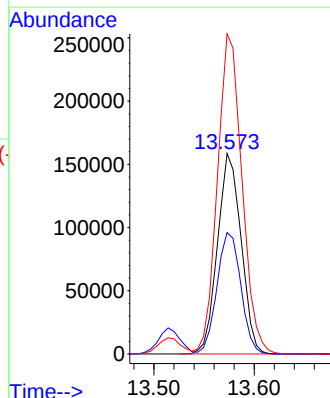
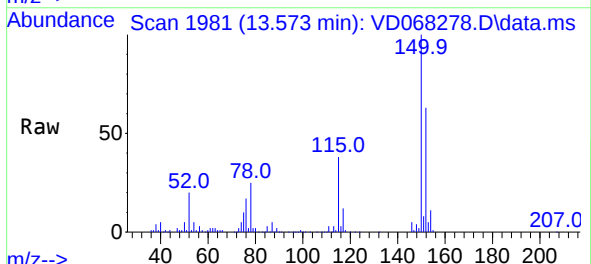
Manual Integrations  
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2/5/2021 10:50:33 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

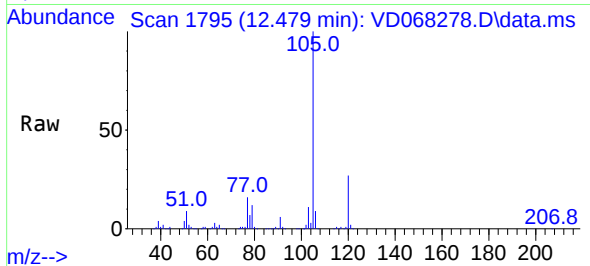
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 259132 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 61.1  | 28.9  | 86.8   |
| 150       | 166.5 | 0.0   | 344.4  |





#73  
Isopropylbenzene  
Concen: 21.48 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

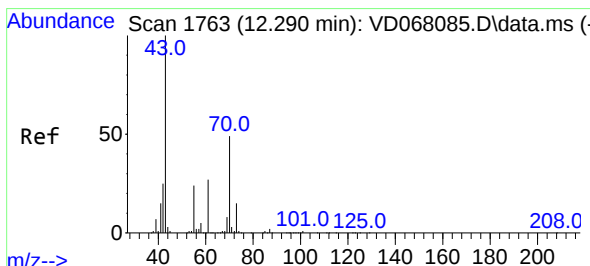
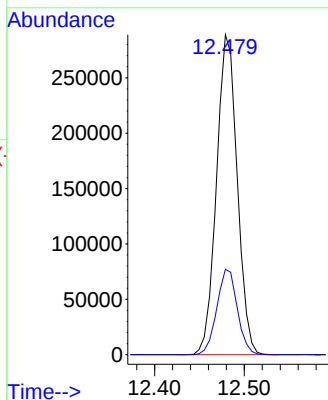
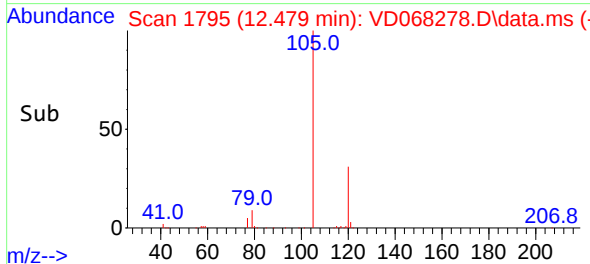
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



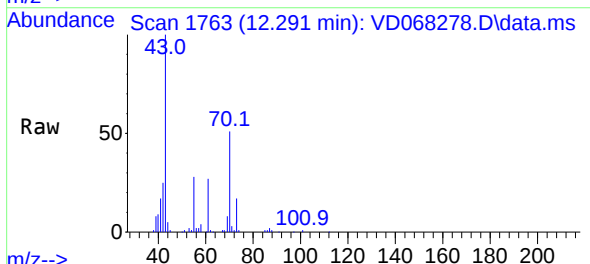
Tgt Ion: 105 Resp: 463231  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.2 39.6

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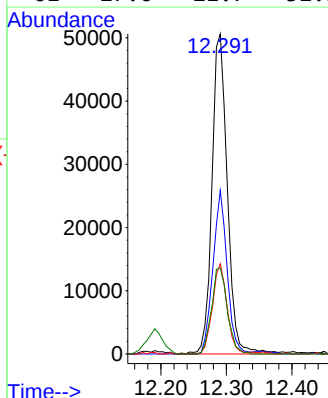
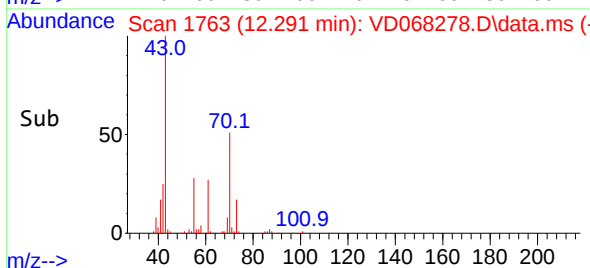
MMDadoda  
2/5/2021 10:50:33 AM



#74  
N-ethyl acetate  
Concen: 18.34 ug/l  
RT: 12.291 min Scan# 1763  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



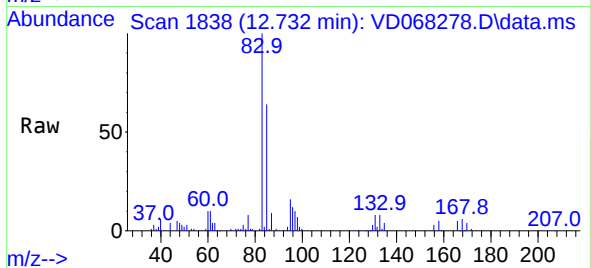
Tgt Ion: 43 Resp: 82181  
Ion Ratio Lower Upper  
43 100  
70 47.2 41.8 62.8  
55 26.7 24.2 36.4  
61 27.6 21.7 32.5





#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.91 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

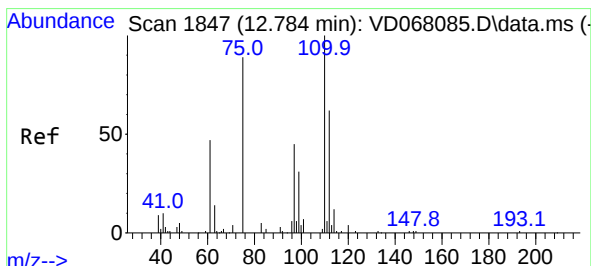
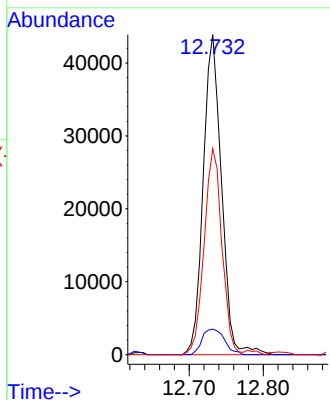
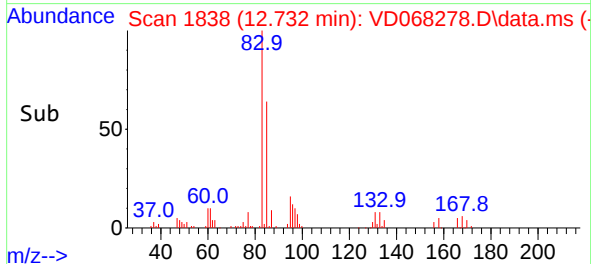
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



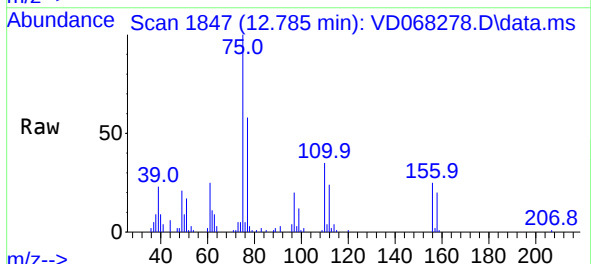
Tgt Ion: 83 Resp: 75132  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.8 17.4  
85 62.5 32.4 97.2

Manual Integrations  
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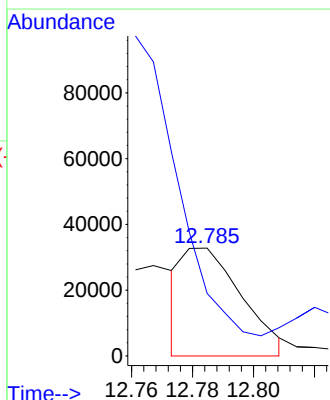
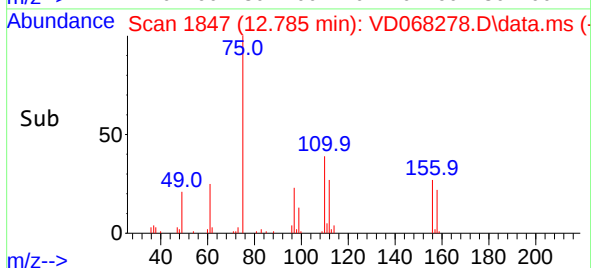
MMDadoda  
2/5/2021 10:50:33 AM

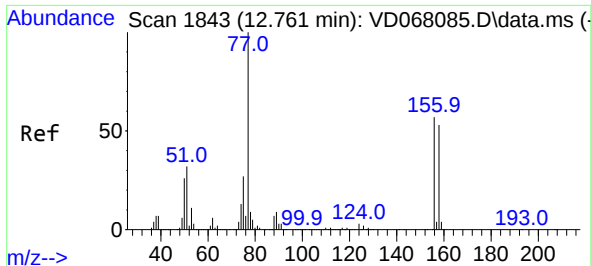


#76  
1,2,3-Trichloropropane  
Concen: 17.64 ug/l m  
RT: 12.785 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



Tgt Ion: 75 Resp: 44197  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





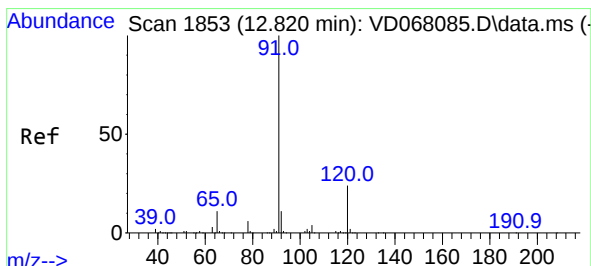
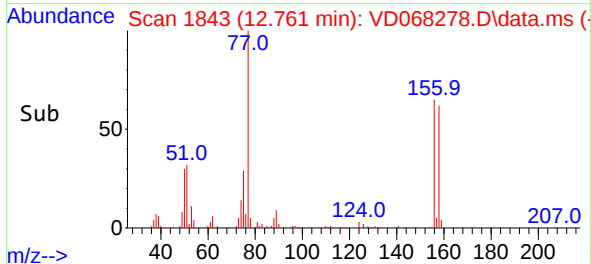
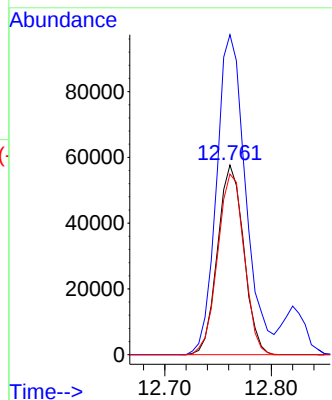
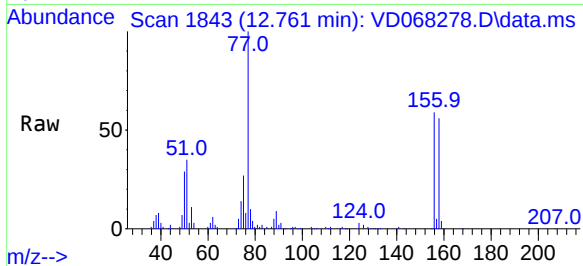
#77  
Bromobenzene  
Concen: 21.26 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 156 Resp: 98259  
Ion Ratio Lower Upper  
156 100  
77 188.0 82.8 248.3  
158 96.7 48.0 144.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

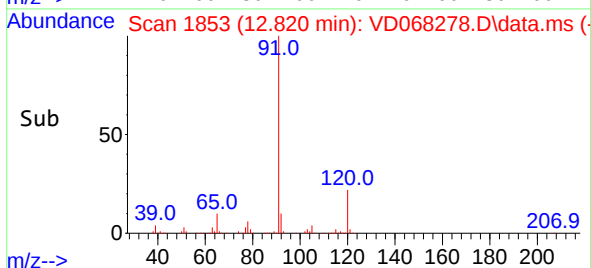
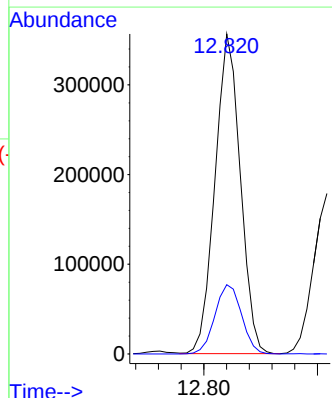
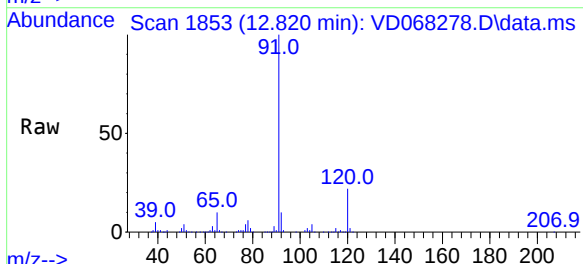
Manual Integrations  
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2/5/2021 10:50:33 AM



#78  
n-propylbenzene  
Concen: 21.61 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 91 Resp: 551396  
Ion Ratio Lower Upper  
91 100  
120 22.8 12.0 36.0





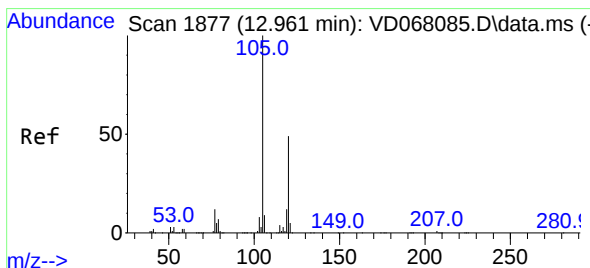
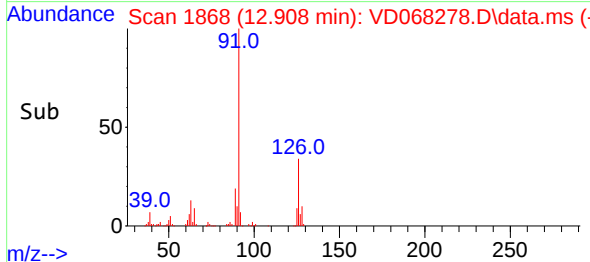
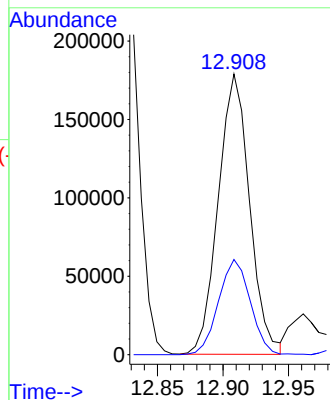
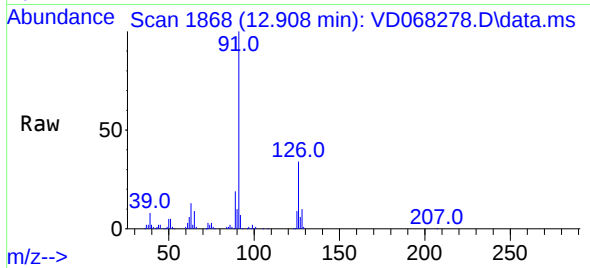
#79  
2-Chlorotoluene  
Concen: 20.75 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion: 91 Resp: 297156  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.8 53.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

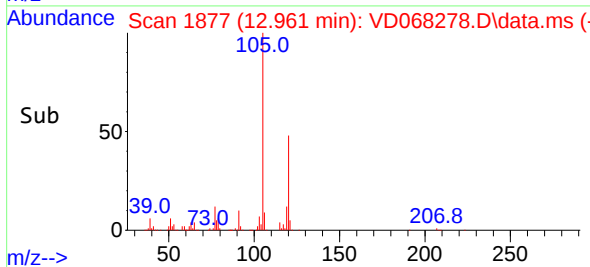
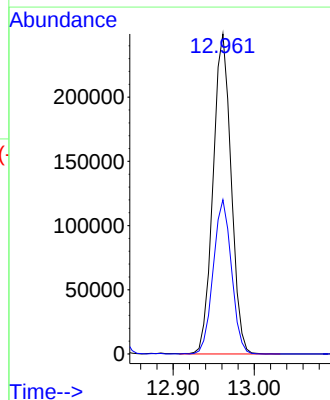
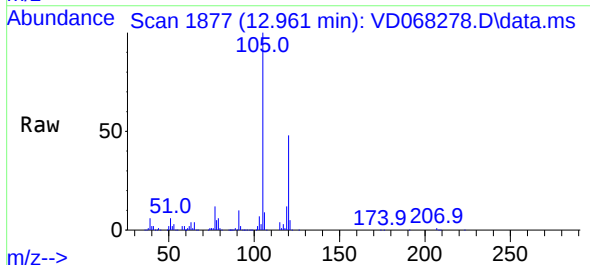
Manual Integrations  
APPROVED

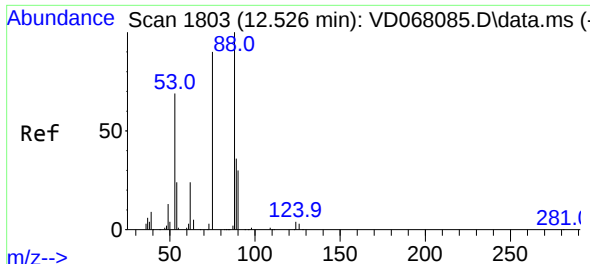
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#80  
1,3,5-Trimethylbenzene  
Concen: 21.45 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

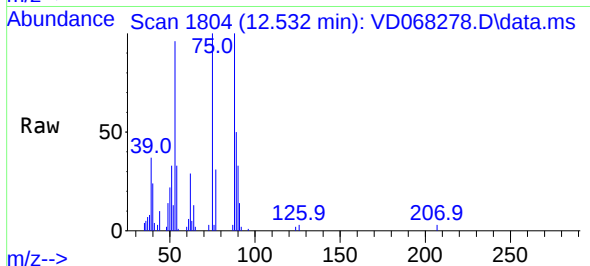
Tgt Ion: 105 Resp: 385234  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.2 72.6





#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.75 ug/l  
RT: 12.532 min Scan# 1804  
Delta R.T. 0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

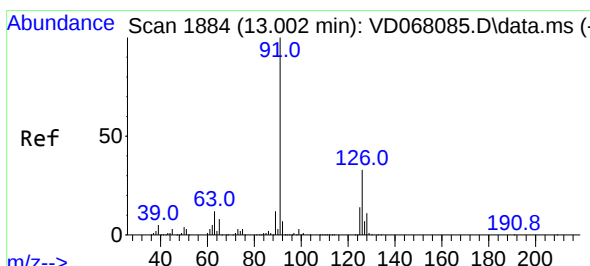
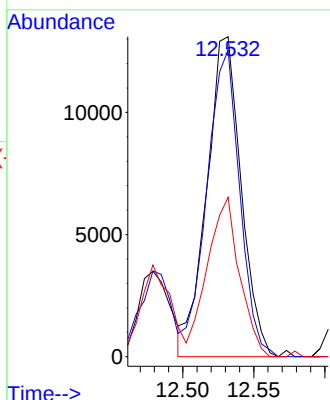
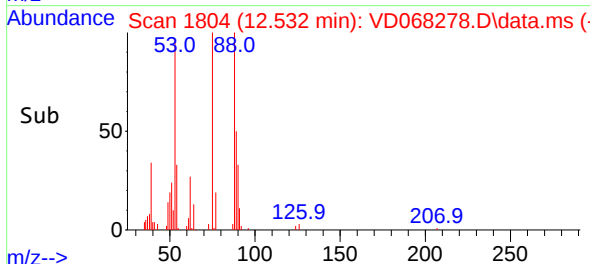
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



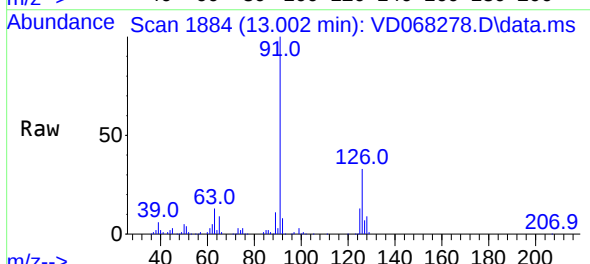
Tgt Ion: 75 Resp: 21984  
Ion Ratio Lower Upper  
75 100  
53 92.1 70.2 105.2  
89 46.7 40.3 60.5

Manual Integrations  
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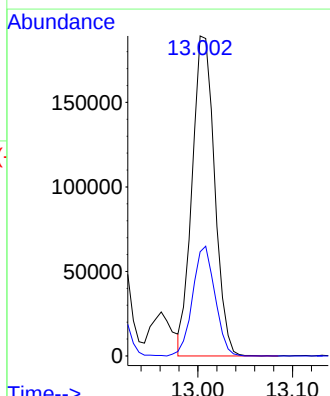
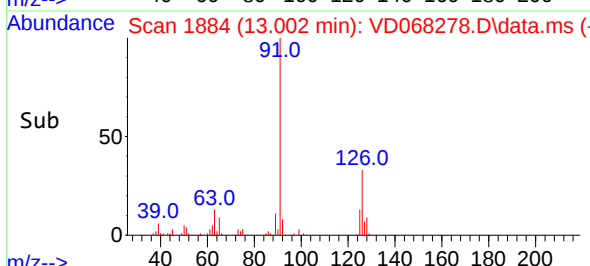
MMDadoda  
2/5/2021 10:50:33 AM

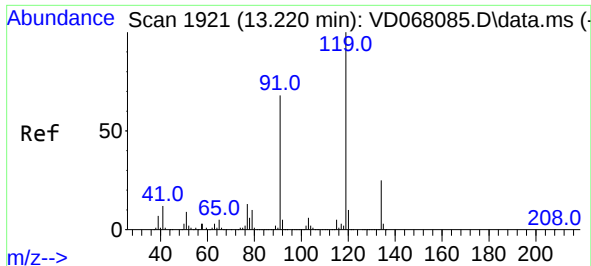


#82  
4-Chlorotoluene  
Concen: 20.90 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



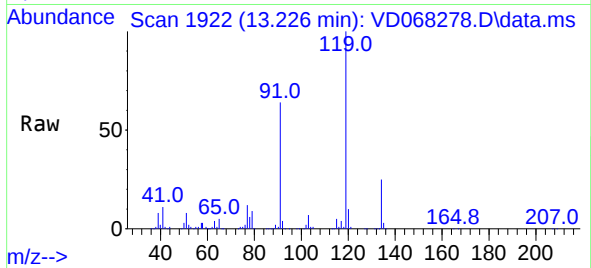
Tgt Ion: 91 Resp: 311314  
Ion Ratio Lower Upper  
91 100  
126 34.2 17.7 53.1





#83  
tert-Butylbenzene  
Concen: 21.10 ug/l  
RT: 13.226 min Scan# 1922  
Delta R.T. 0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

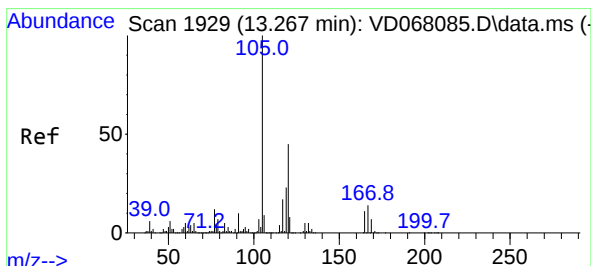
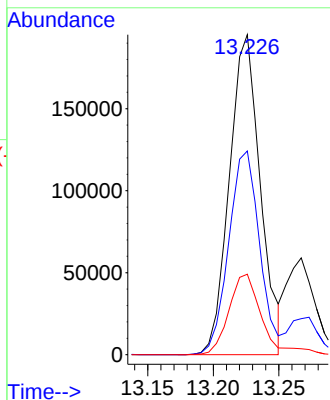
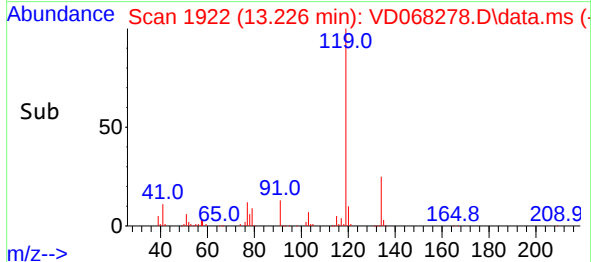
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



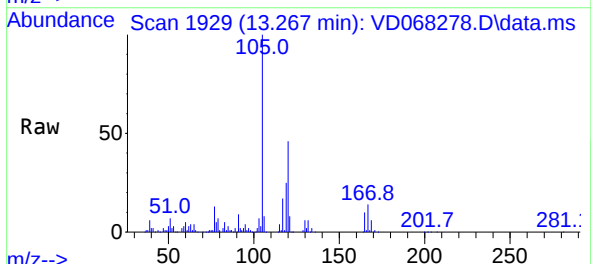
Tgt Ion:119 Resp: 321080  
Ion Ratio Lower Upper  
119 100  
91 63.3 31.1 93.5  
134 26.7 13.3 39.8

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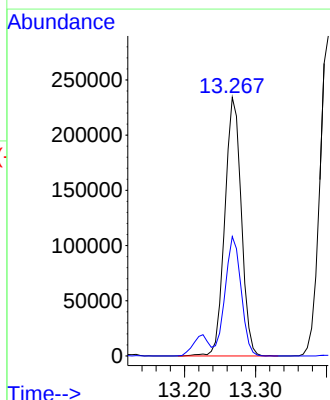
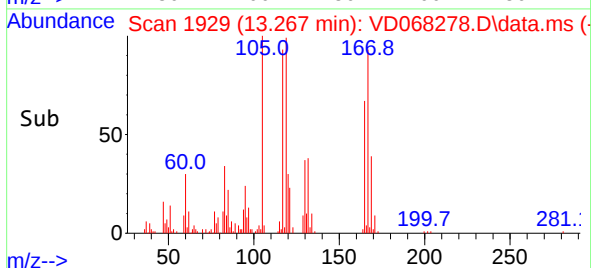
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2/5/2021 10:50:33 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 21.08 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

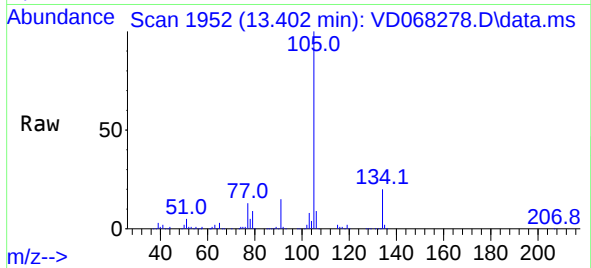


Tgt Ion:105 Resp: 375787  
Ion Ratio Lower Upper  
105 100  
120 45.1 22.4 67.0

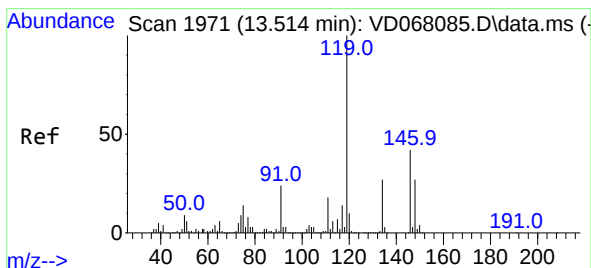
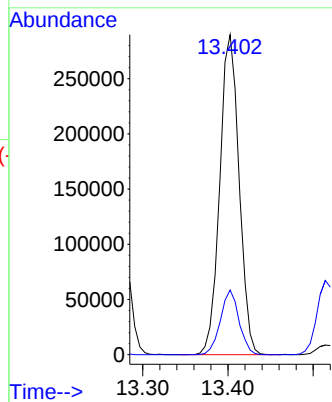
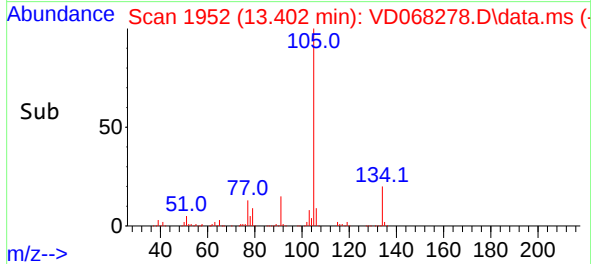




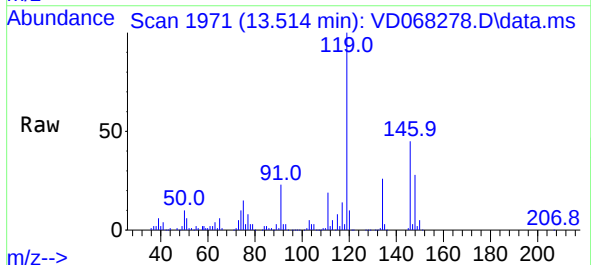
#85  
sec-Butylbenzene  
Concen: 21.42 ug/l  
RT: 13.402 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



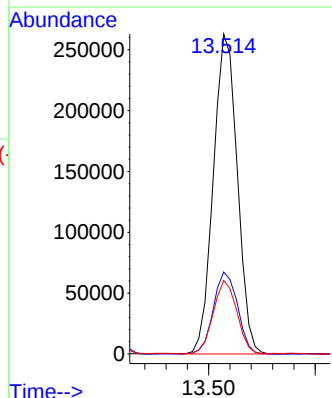
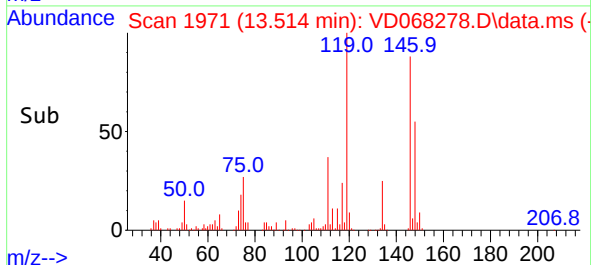
Tgt Ion:105 Resp: 456012  
Ion Ratio Lower Upper  
105 100  
134 19.4 10.3 30.9



#86  
p-Isopropyltoluene  
Concen: 21.21 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



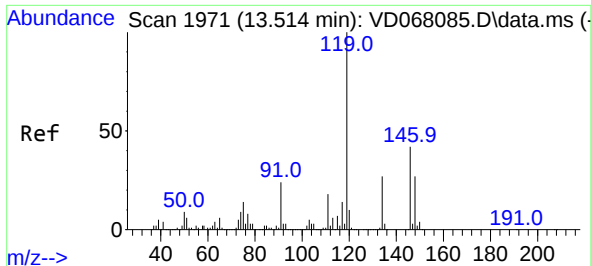
Tgt Ion:119 Resp: 410651  
Ion Ratio Lower Upper  
119 100  
134 25.9 12.9 38.7  
91 22.5 11.7 35.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

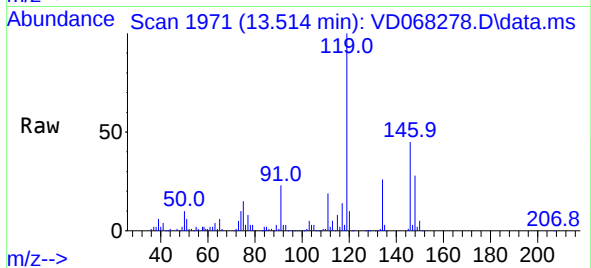
Manual Integrations  
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#87  
1,3-Dichlorobenzene  
Concen: 21.96 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

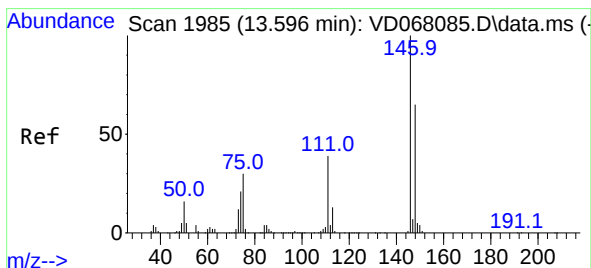
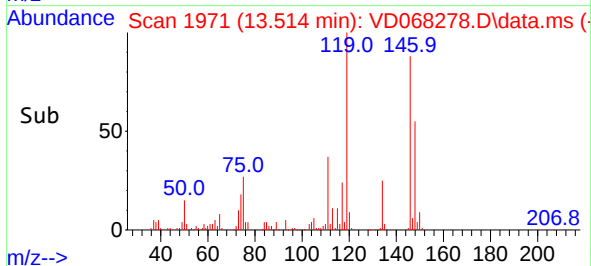
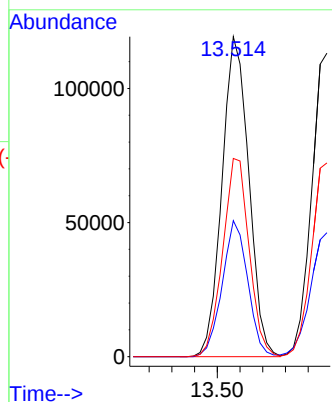
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



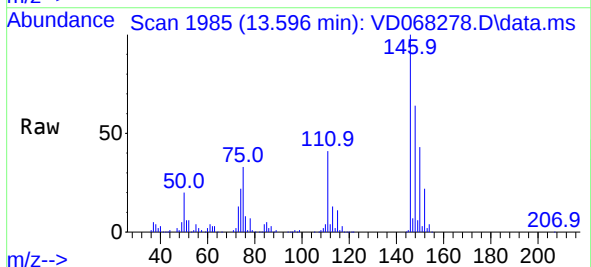
Tgt Ion:146 Resp: 195189  
Ion Ratio Lower Upper  
146 100  
111 40.7 19.5 58.5  
148 61.2 31.6 95.0

Manual Integrations  
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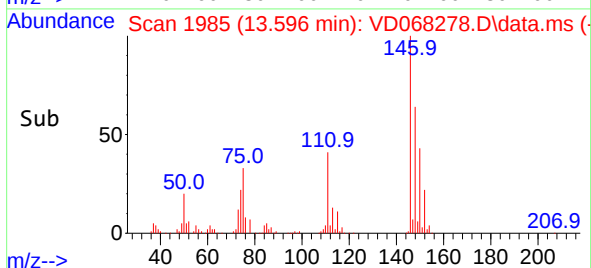
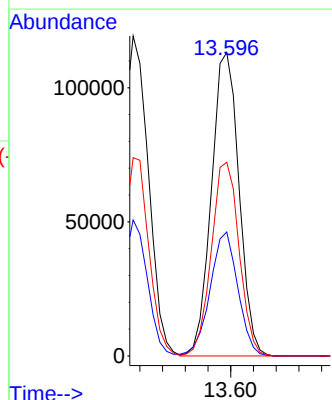
MMDadoda  
2/5/2021 10:50:33 AM

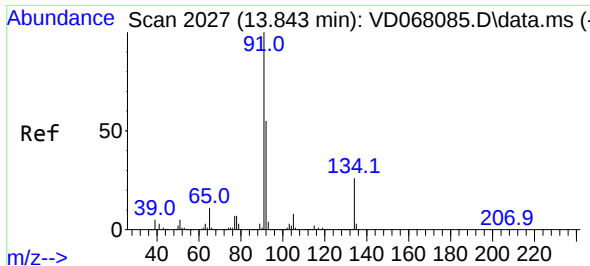


#88  
1,4-Dichlorobenzene  
Concen: 21.79 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



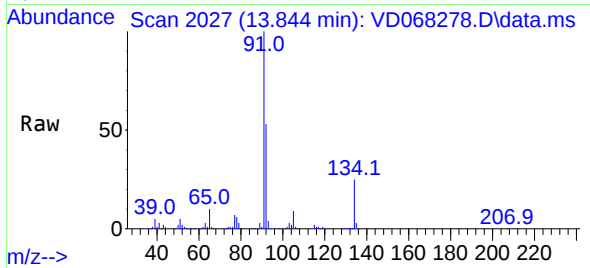
Tgt Ion:146 Resp: 190776  
Ion Ratio Lower Upper  
146 100  
111 41.1 19.1 57.1  
148 64.3 31.9 95.7





#89  
n-Butylbenzene  
Concen: 21.71 ug/l  
RT: 13.844 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

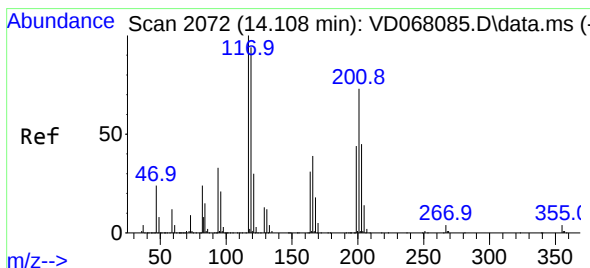
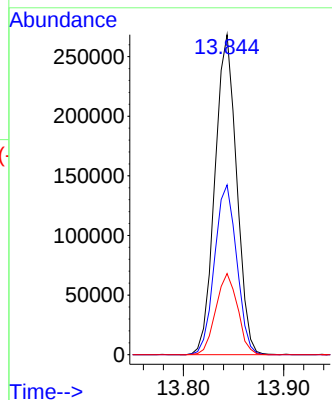
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



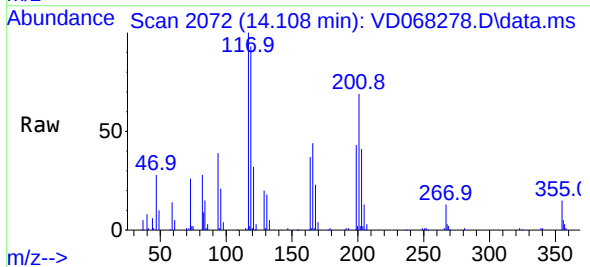
Tgt Ion: 91 Resp: 403439  
Ion Ratio Lower Upper  
91 100  
92 54.1 27.2 81.6  
134 25.5 13.9 41.7

Manual Integrations  
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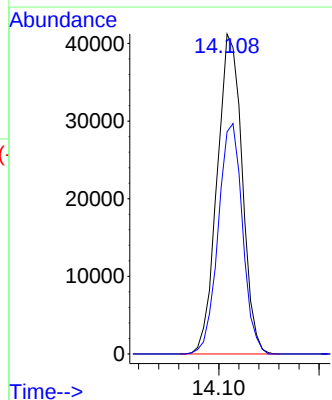
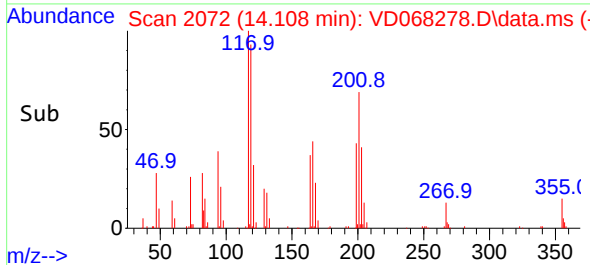
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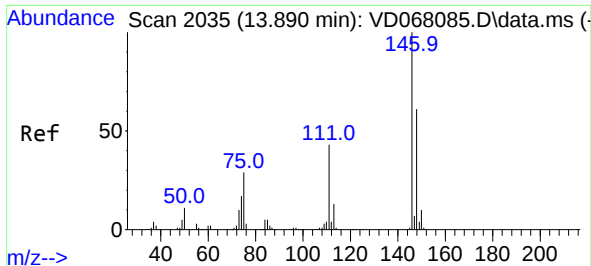


#90  
Hexachloroethane  
Concen: 20.41 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



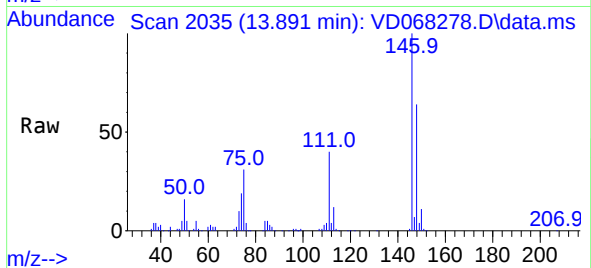
Tgt Ion: 117 Resp: 71380  
Ion Ratio Lower Upper  
117 100  
201 69.9 39.5 118.5





#91  
1,2-Dichlorobenzene  
Concen: 21.54 ug/l  
RT: 13.891 min Scan# 2035  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

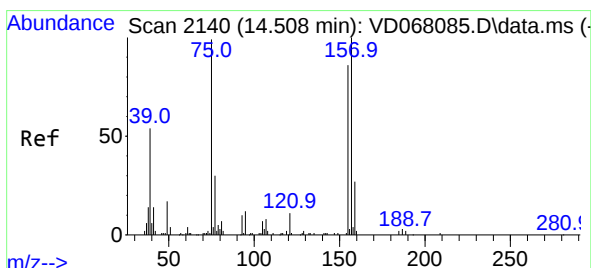
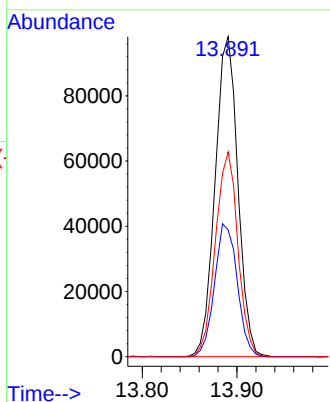
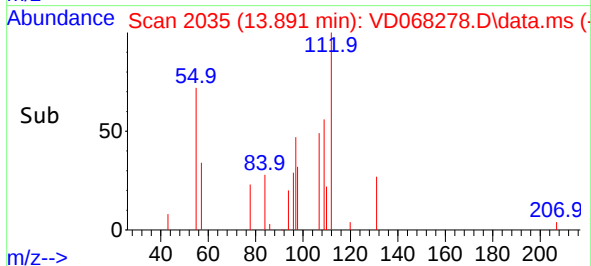
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



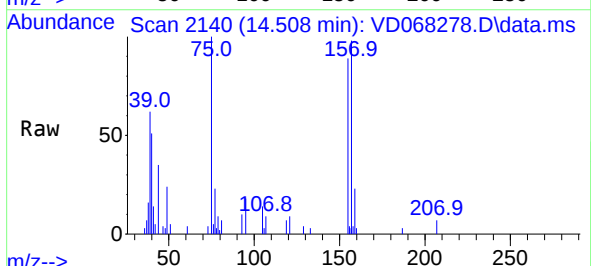
Tgt Ion:146 Resp: 164002  
Ion Ratio Lower Upper  
146 100  
111 41.5 20.3 60.9  
148 63.1 31.7 95.1

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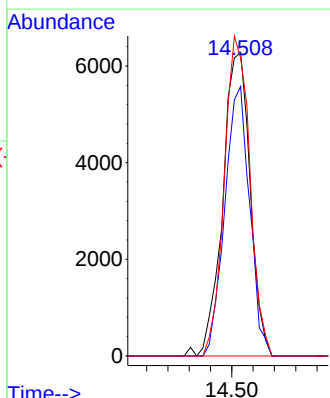
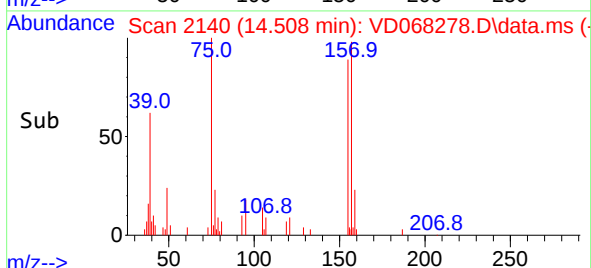
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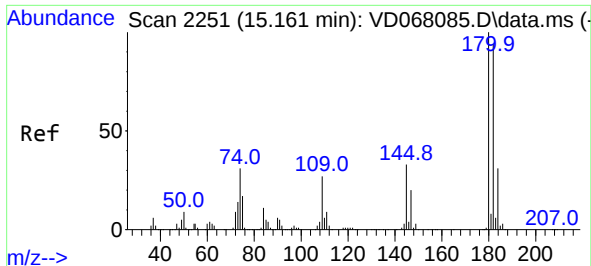


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.99 ug/l  
RT: 14.508 min Scan# 2140  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



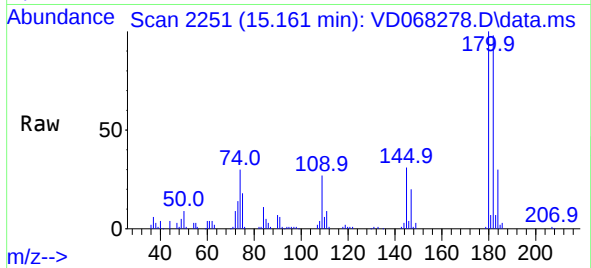
Tgt Ion: 75 Resp: 11218  
Ion Ratio Lower Upper  
75 100  
155 80.6 48.0 144.2  
157 98.2 65.0 194.8





#93  
1,2,4-Trichlorobenzene  
Concen: 21.10 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

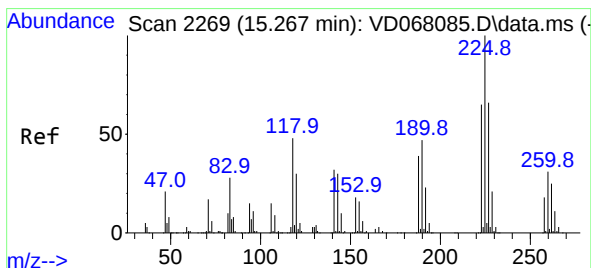
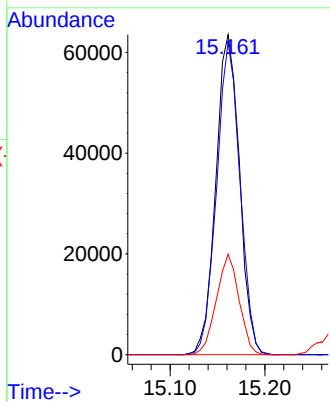
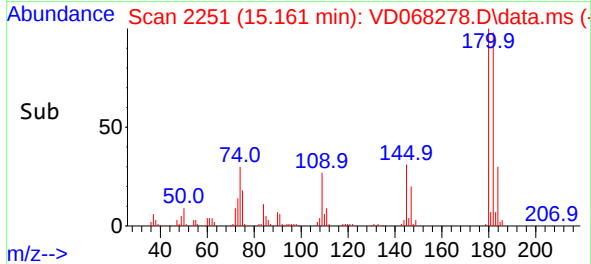
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01



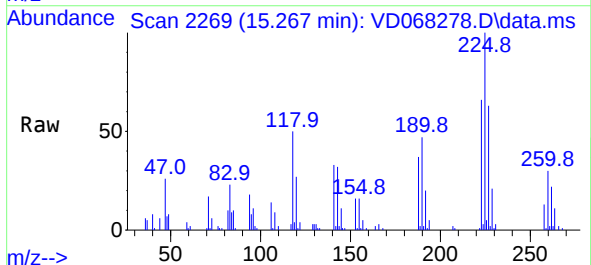
Tgt Ion:180 Resp: 110129  
Ion Ratio Lower Upper  
180 100  
182 96.4 46.8 140.4  
145 30.1 15.2 45.5

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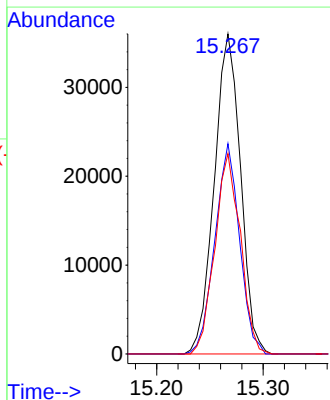
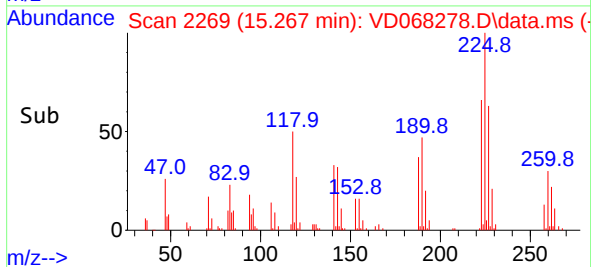
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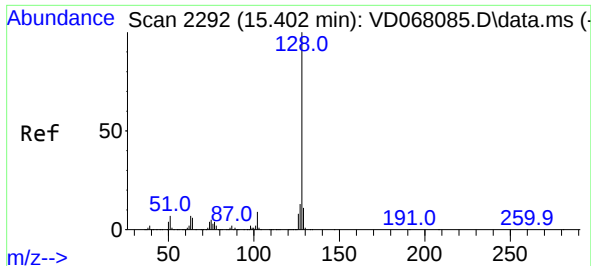


#94  
Hexachlorobutadiene  
Concen: 21.32 ug/l  
RT: 15.267 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18



Tgt Ion:225 Resp: 61676  
Ion Ratio Lower Upper  
225 100  
223 61.8 31.9 95.5  
227 60.6 32.1 96.5





#95  
Naphthalene  
Concen: 20.21 ug/l  
RT: 15.402 min Scan# 2292  
Delta R.T. 0.000 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

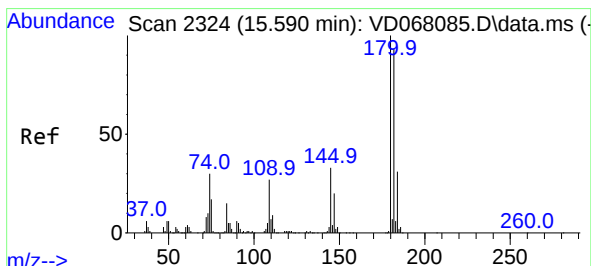
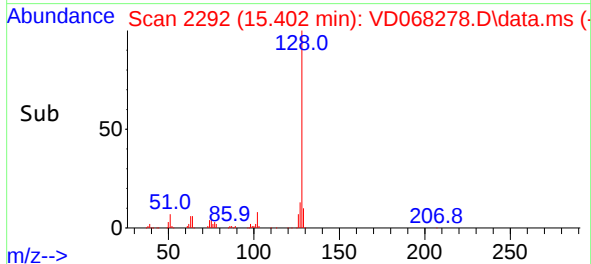
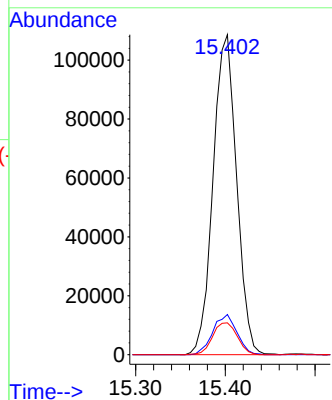
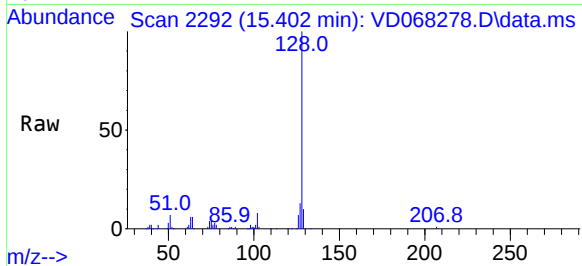
Tgt Ion:128 Resp: 197720  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.9  | 10.2  | 15.2  |
| 129 | 10.5  | 8.8   | 13.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0204SBS01

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#96  
1,2,3-Trichlorobenzene  
Concen: 21.04 ug/l  
RT: 15.596 min Scan# 2325  
Delta R.T. 0.006 min  
Lab File: VD068278.D  
Acq: 04 Feb 2021 15:18

Tgt Ion:180 Resp: 92609  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.5  | 48.3  | 144.8 |
| 145 | 33.2  | 16.7  | 50.1  |

