

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020821\  
 Data File : VD068313.D  
 Acq On : 08 Feb 2021 12:19  
 Operator : VA/SY  
 Sample : VD0208SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0208SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/9/2021 9:59:50 AM

Quant Time: Feb 09 00:13:24 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        | 7.979          | 168  | 395370     | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.867          | 114  | 683383     | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.644         | 117  | 625556     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.573         | 152  | 280589     | 50.00   | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 175354     | 46.36   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 92.72%  |        |          |
| 35) Dibromofluoromethane     | 7.920          | 113  | 194202     | 51.40   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 102.80% |        |          |
| 50) Toluene-d8               | 10.344         | 98   | 683006     | 45.19   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 90.38%  |        |          |
| 62) 4-Bromofluorobenzene     | 12.632         | 95   | 252247     | 46.35   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 92.70%  |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 84234      | 17.93   | ug/l   | 99       |
| 3) Chloromethane             | 2.209          | 50   | 94988      | 18.78   | ug/l   | 92       |
| 4) Vinyl Chloride            | 2.350          | 62   | 115530     | 20.54   | ug/l   | 100      |
| 5) Bromomethane              | 2.768          | 94   | 88753      | 23.01   | ug/l   | 99       |
| 6) Chloroethane              | 2.921          | 64   | 76442      | 22.24   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.273          | 101  | 149342     | 20.22   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.709          | 74   | 42646      | 19.62   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 86593      | 20.11   | ug/l   | 97       |
| 10) Methyl Iodide            | 4.303          | 142  | 84309      | 19.51   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.220          | 59   | 31561      | 37.77   | ug/l # | 84       |
| 12) 1,1-Dichloroethene       | 4.073          | 96   | 85782      | 19.80   | ug/l # | 94       |
| 13) Acrolein                 | 3.932          | 56   | 25529      | 85.65   | ug/l   | 97       |
| 14) Allyl chloride           | 4.720          | 41   | 111792     | 17.74   | ug/l   | 95       |
| 15) Acrylonitrile            | 5.420          | 53   | 85133      | 98.85   | ug/l   | 99       |
| 16) Acetone                  | 4.162          | 43   | 59073      | 87.47   | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.409          | 76   | 250056     | 17.92   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.715          | 43   | 35340      | 20.16   | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 5.479          | 73   | 195350     | 19.51   | ug/l   | 94       |
| 20) Methylene Chloride       | 4.968          | 84   | 107961     | 20.54   | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 5.479          | 96   | 101492     | 20.41   | ug/l   | 94       |
| 22) Diisopropyl ether        | 6.362          | 45   | 247398     | 19.46   | ug/l # | 97       |
| 23) Vinyl Acetate            | 6.309          | 43   | 625208     | 92.25   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.262          | 63   | 172999     | 21.00   | ug/l   | 98       |
| 25) 2-Butanone               | 7.214          | 43   | 91448      | 89.93   | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 7.209          | 77   | 148492     | 19.05   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.214          | 96   | 116724     | 21.62   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.556          | 49   | 60754      | 21.65   | ug/l   | 81       |
| 29) Tetrahydrofuran          | 7.561          | 42   | 57894      | 87.83   | ug/l   | 99       |
| 30) Chloroform               | 7.709          | 83   | 180422     | 21.67   | ug/l   | 92       |
| 31) Cyclohexane              | 7.985          | 56   | 145755     | 17.80   | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 7.903          | 97   | 156809     | 20.90   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 136351     | 19.79   | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.297          | 43   | 40206      | 16.49   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 135129     | 20.95   | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.355          | 83   | 164052     | 18.21   | ug/l   | 99       |
| 40) Benzene                  | 8.350          | 78   | 400360     | 20.78   | ug/l   | 95       |

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 Sample : VD0208SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

MMDadoda  
 2/9/2021 9:59:50 AM

Quant Time: Feb 09 00:13:24 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         | 7.532  | 41   | 25872    | 17.59  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 106379   | 20.66  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.450  | 43   | 88011    | 17.32  | ug/l   | 99       |
| 44) Trichloroethene           | 9.114  | 130  | 110359   | 20.85  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 96469    | 20.44  | ug/l   | 97       |
| 46) Dibromomethane            | 9.473  | 93   | 50924    | 21.30  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.661  | 83   | 135709   | 21.04  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.456  | 41   | 41226    | 16.30  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 10534    | 375.96 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 213384   | 90.36  | ug/l   | 100      |
| 52) Toluene                   | 10.403 | 92   | 261519   | 20.83  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 126683   | 19.40  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 155870   | 20.05  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 71697    | 21.16  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 83938    | 18.60  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.950 | 76   | 123372   | 20.63  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 220690   | 105.95 | ug/l   | 94       |
| 59) 2-Hexanone                | 10.985 | 43   | 139627   | 85.30  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.144 | 129  | 86782    | 20.43  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.250 | 107  | 67932    | 20.32  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 87946    | 19.95  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.673 | 112  | 276186   | 20.78  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 96657    | 20.67  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.744 | 91   | 497362   | 20.21  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.855 | 106  | 369272   | 39.75  | ug/l   | 98       |
| 69) o-Xylene                  | 12.179 | 106  | 174061   | 20.17  | ug/l   | 95       |
| 70) Styrene                   | 12.197 | 104  | 298810   | 20.29  | ug/l   | 99       |
| 71) Bromoform                 | 12.361 | 173  | 47556    | 20.07  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.479 | 105  | 478345   | 20.49  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.291 | 43   | 79994    | 16.48  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 73989    | 19.92  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 54134m   | 19.95  | ug/l   |          |
| 77) Bromobenzene              | 12.761 | 156  | 106026   | 21.18  | ug/l   | 92       |
| 78) n-propylbenzene           | 12.820 | 91   | 548321   | 19.85  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 311783   | 20.10  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 387744   | 19.94  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 22545    | 16.82  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 326145   | 20.22  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 332731   | 20.19  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 382486   | 19.82  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.402 | 105  | 454153   | 19.70  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 414047   | 19.75  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 200258   | 20.81  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 198177   | 20.90  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.844 | 91   | 386279   | 19.20  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.114 | 117  | 73856    | 19.50  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 172179   | 20.89  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.508 | 75   | 10268    | 16.89  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 115958   | 20.52  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.267 | 225  | 59378    | 18.95  | ug/l   | 99       |
| 95) Naphthalene               | 15.396 | 128  | 204699   | 19.32  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.590 | 180  | 95028    | 19.93  | ug/l   | 99       |

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Operator : VA/SY  
Sample : VD0208SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

Manual Integrations  
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MMDadoda  
2/9/2021 9:59:50 AM

Quant Time: Feb 09 00:13:24 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

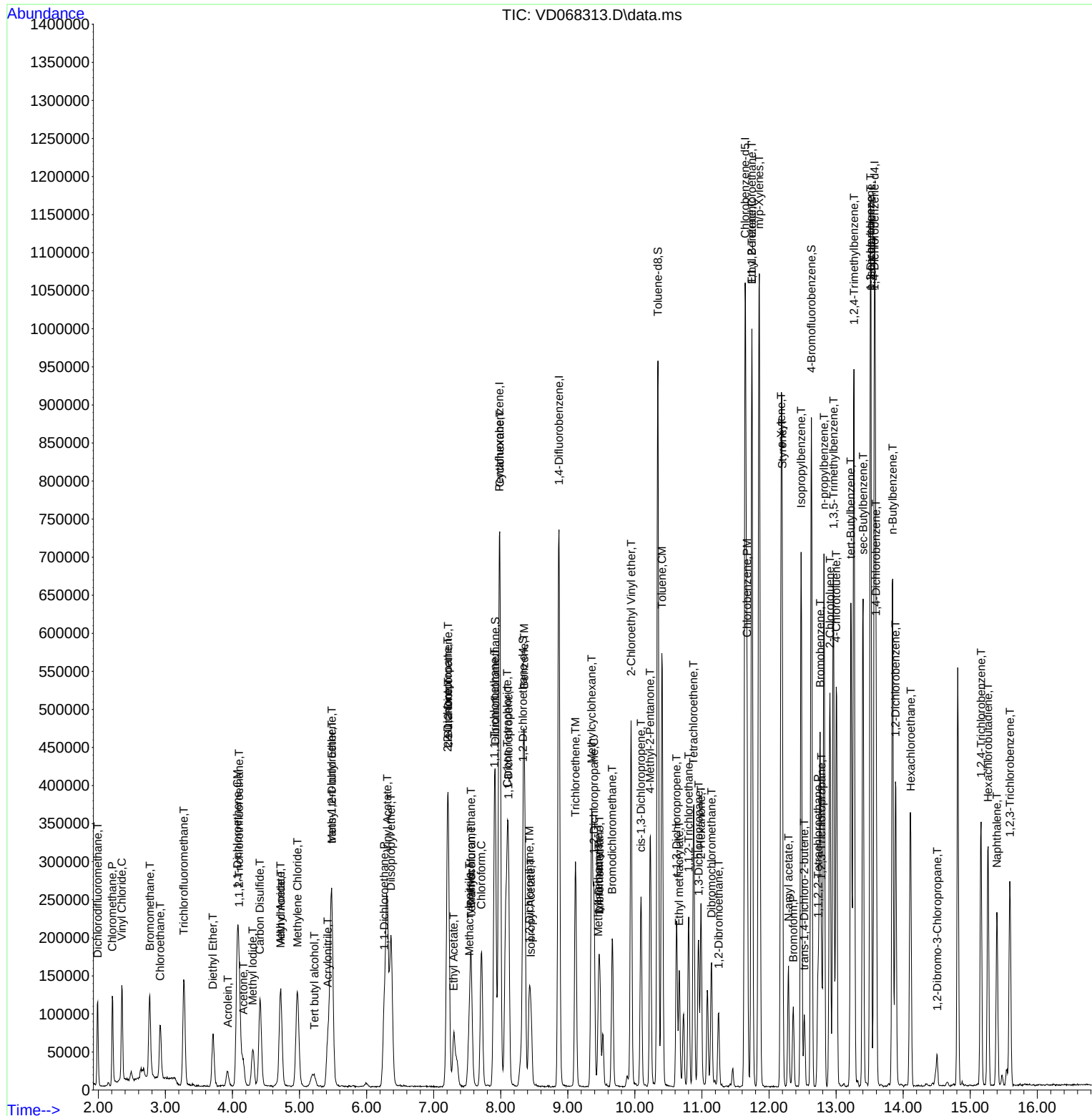
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Data File : VD068313.D  
Acq On : 08 Feb 2021 12:19  
Operator : VA/SY  
Sample : VD0208SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

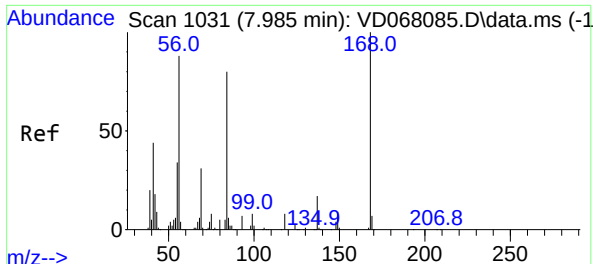
Instrument :  
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Quant Title : SW846 8260  
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Response via : Initial Calibration





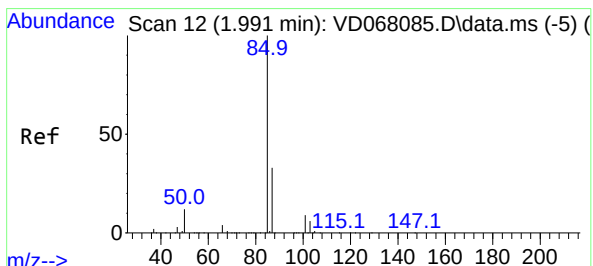
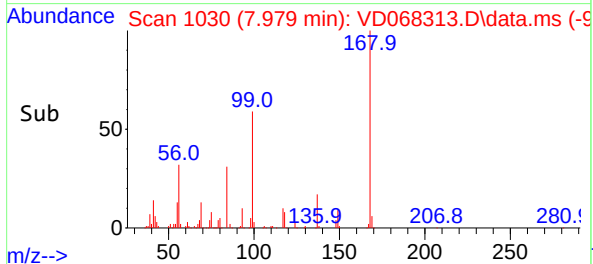
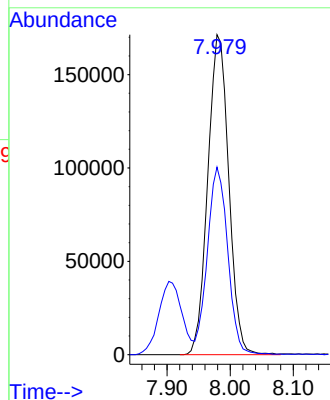
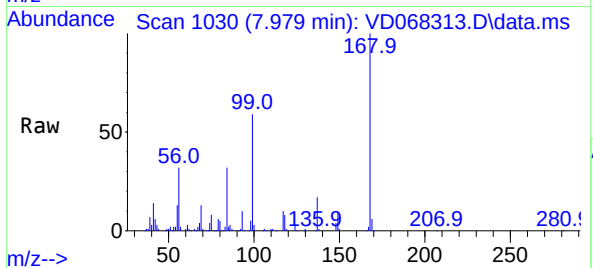
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 168 Resp: 395370  
Ion Ratio Lower Upper  
168 100  
99 58.4 43.5 65.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

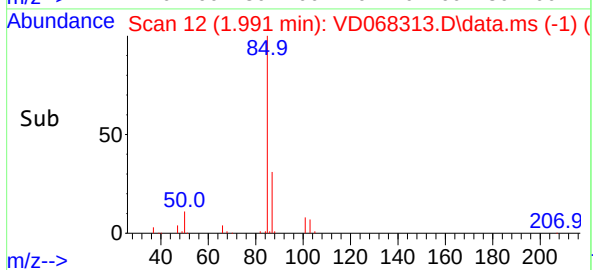
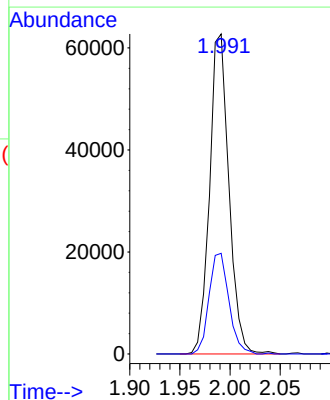
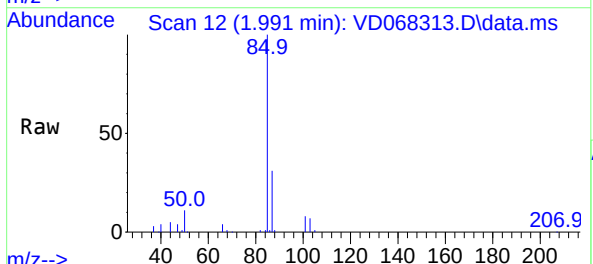
Manual Integrations  
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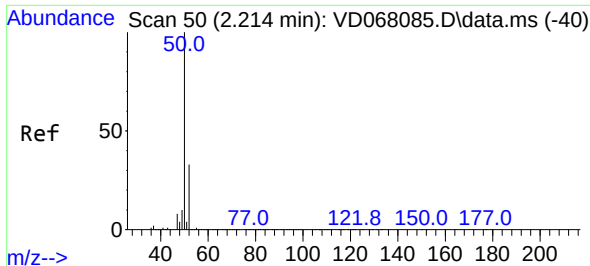
MMDadoda  
2/9/2021 9:59:50 AM



Dichlorodifluoromethane  
Concen: 17.93 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 85 Resp: 84234  
Ion Ratio Lower Upper  
85 100  
87 31.5 15.4 46.1





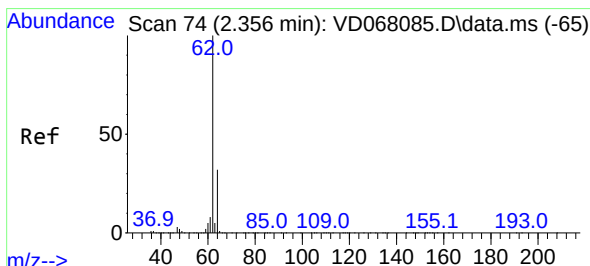
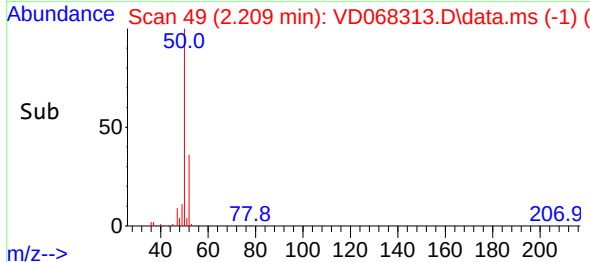
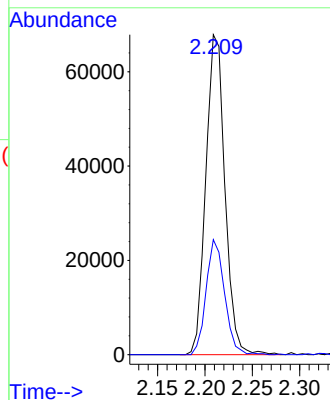
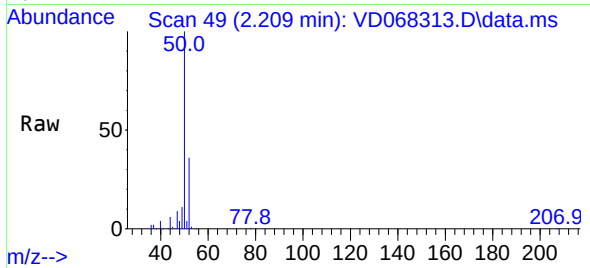
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Chloromethane  
Concen: 18.78 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.005 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 50 Resp: 94988  
Ion Ratio Lower Upper  
50 100  
52 36.0 25.4 38.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
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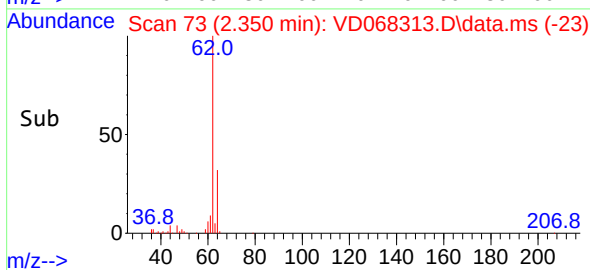
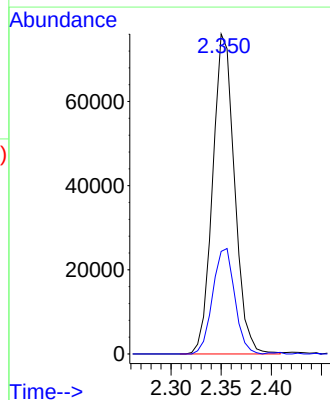
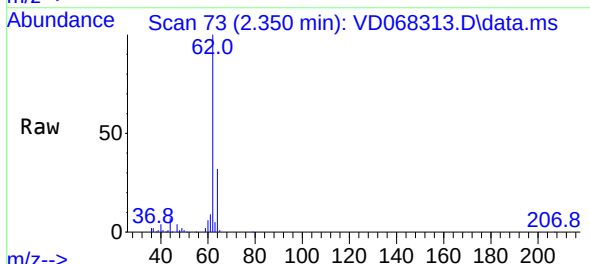
Manual Integrations  
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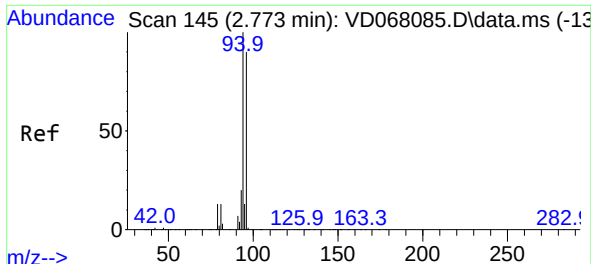
MMDadoda  
2/9/2021 9:59:50 AM



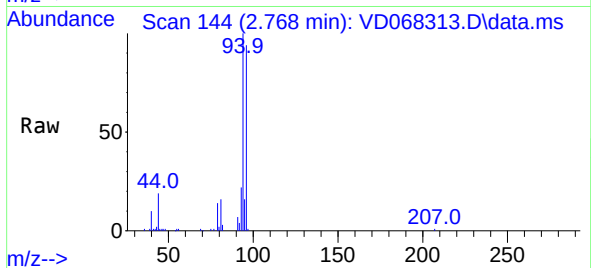
#4  
Vinyl Chloride  
Concen: 20.54 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 62 Resp: 115530  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.4 38.2

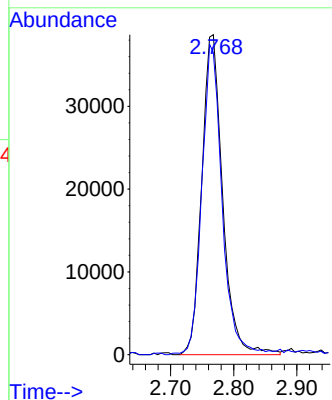




#5  
Bromomethane  
Concen: 23.01 ug/l  
RT: 2.768 min Scan# 144  
Delta R.T. -0.005 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



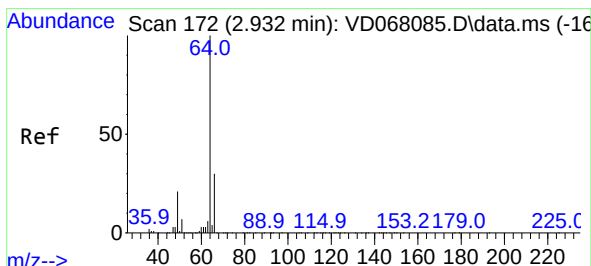
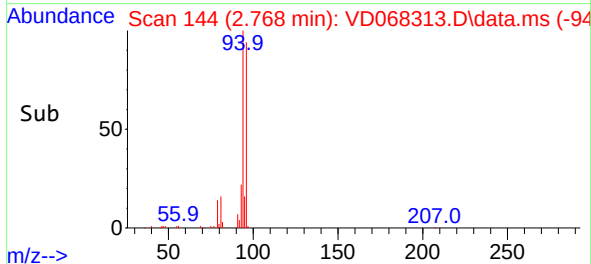
Tgt Ion: 94 Resp: 88753  
Ion Ratio Lower Upper  
94 100  
96 93.9 75.8 113.8



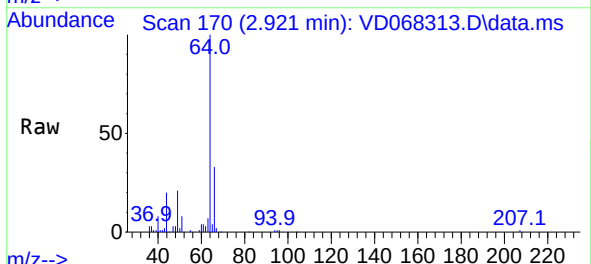
Instrument :  
MSVOA\_D  
ClientSampleId :  
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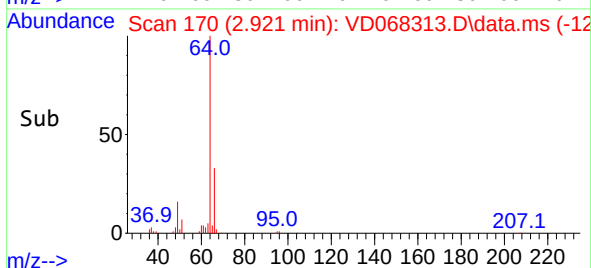
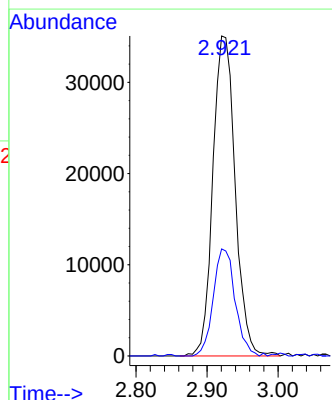
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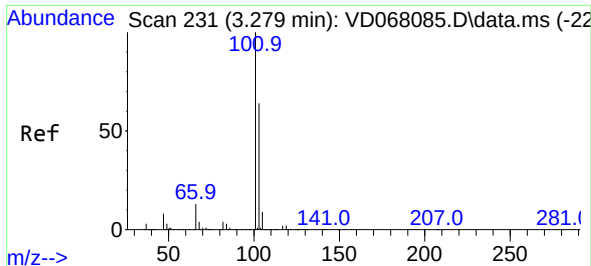


#6  
Chloroethane  
Concen: 22.24 ug/l  
RT: 2.921 min Scan# 170  
Delta R.T. -0.011 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



Tgt Ion: 64 Resp: 76442  
Ion Ratio Lower Upper  
64 100  
66 33.4 25.1 37.7





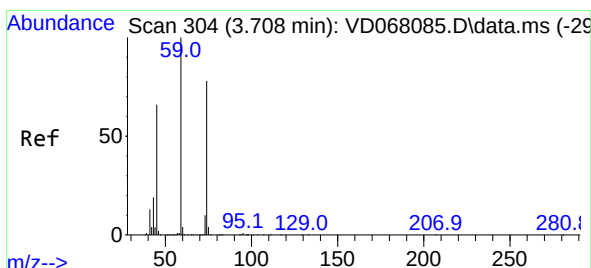
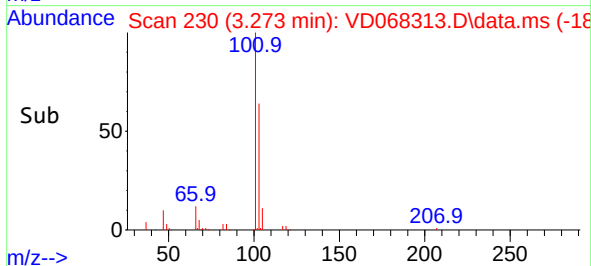
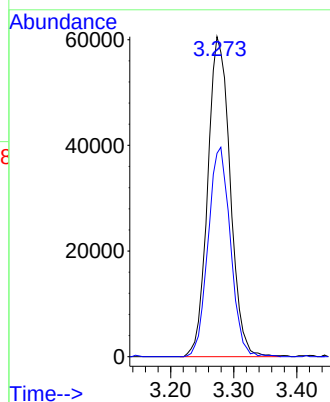
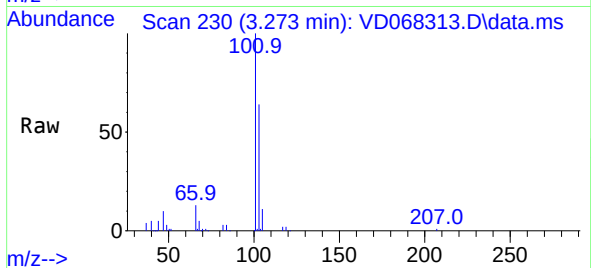
#7  
Trichlorofluoromethane  
Concen: 20.22 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion:101 Resp: 149342  
Ion Ratio Lower Upper  
101 100  
103 63.5 52.0 78.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

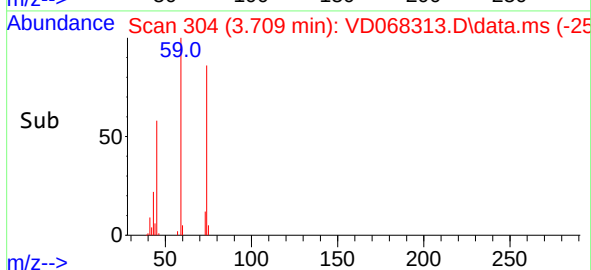
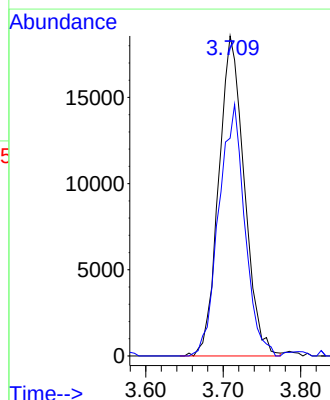
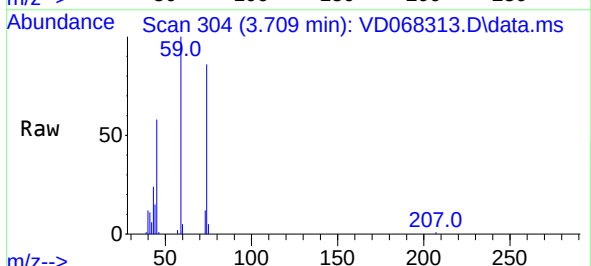
Manual Integrations  
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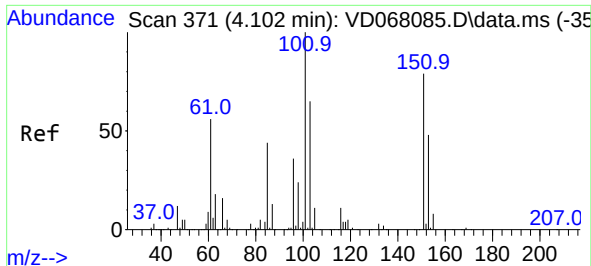


#8  
Diethyl Ether  
Concen: 19.62 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.001 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 74 Resp: 42646  
Ion Ratio Lower Upper  
74 100  
45 79.8 42.1 126.4







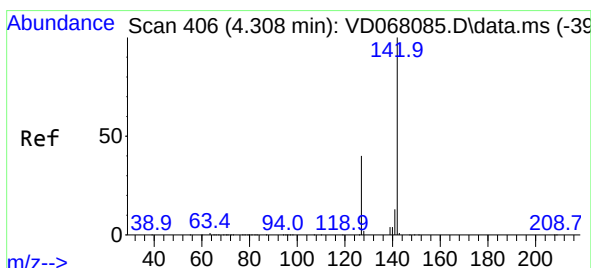
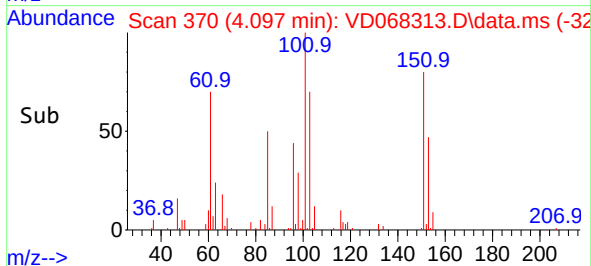
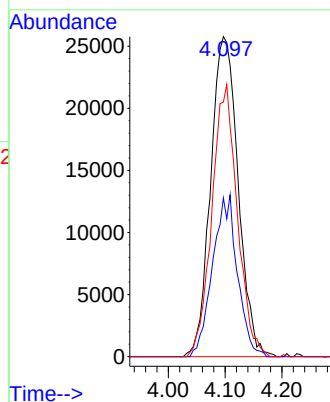
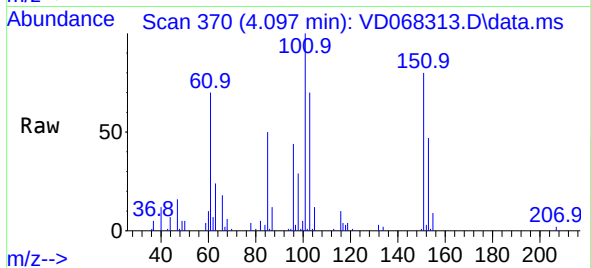
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.11 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. -0.005 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 86593 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 45.6  | 34.0  | 51.0  |
| 151      | 78.7  | 64.1  | 96.1  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

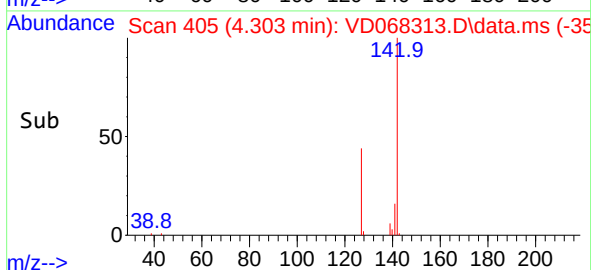
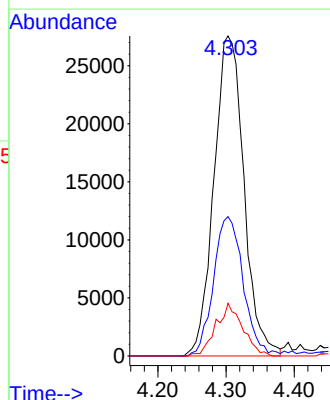
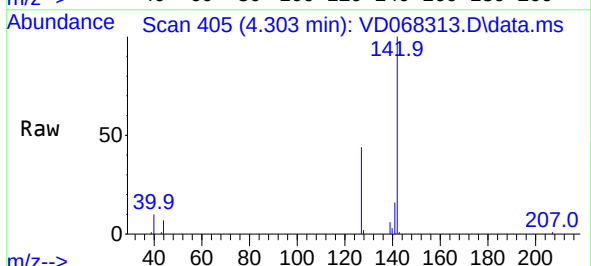
Manual Integrations  
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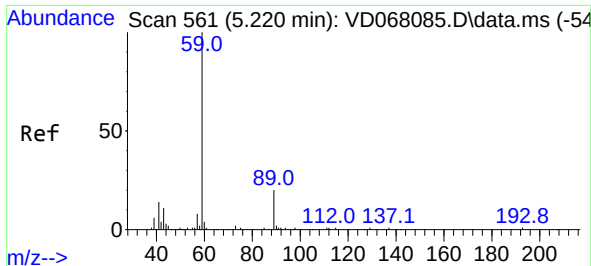
MMDadoda  
2/9/2021 9:59:50 AM



#10  
Methyl Iodide  
Concen: 19.51 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.005 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 84309 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 43.1  | 37.9  | 56.9  |
| 141      | 14.7  | 11.5  | 17.3  |





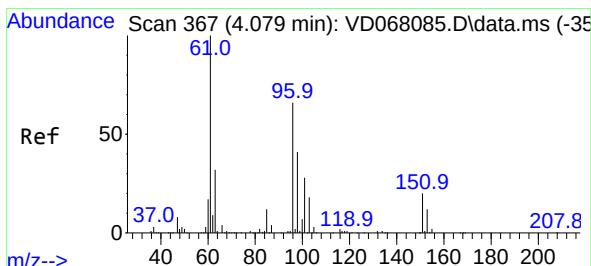
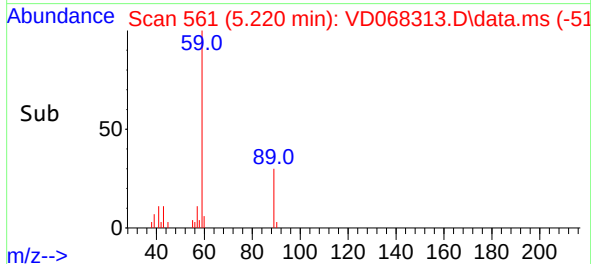
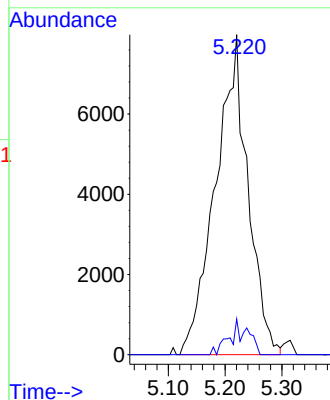
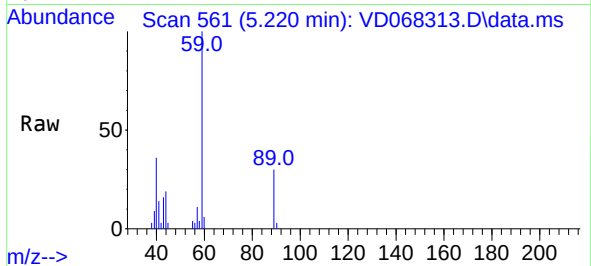
#11  
Tert butyl alcohol  
Concen: 37.77 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 59 Resp: 31561  
Ion Ratio Lower Upper  
59 100  
57 3.5 7.4 11.2#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

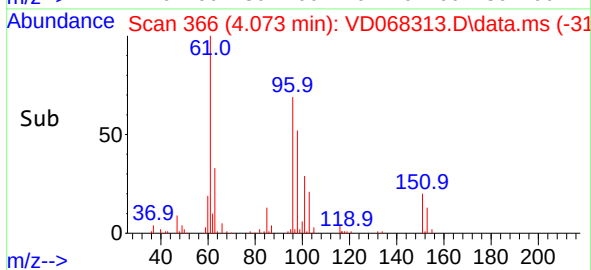
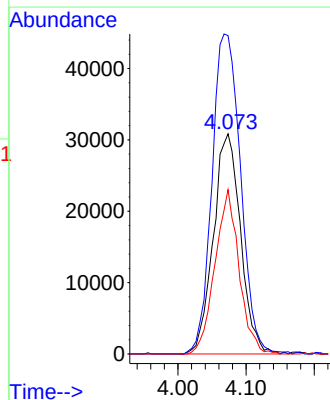
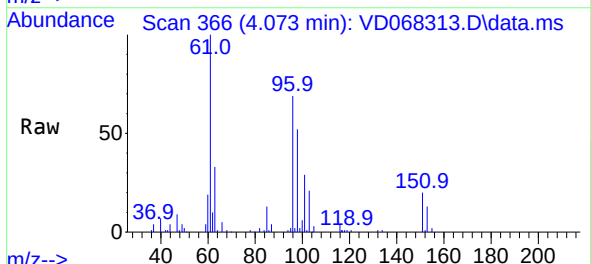
Manual Integrations  
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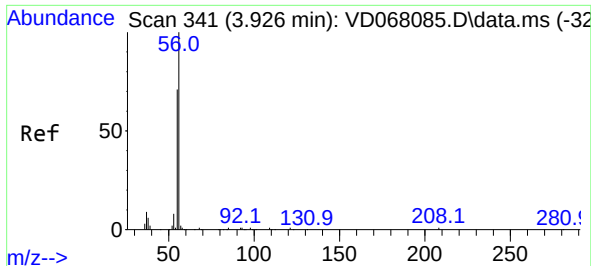
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2/9/2021 9:59:50 AM



#12  
1,1-Dichloroethene  
Concen: 19.80 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 96 Resp: 85782  
Ion Ratio Lower Upper  
96 100  
61 144.7 116.2 174.4  
98 74.7 48.6 73.0#





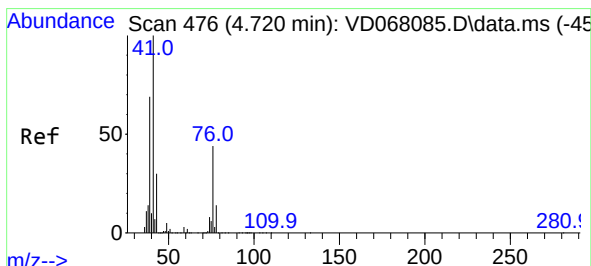
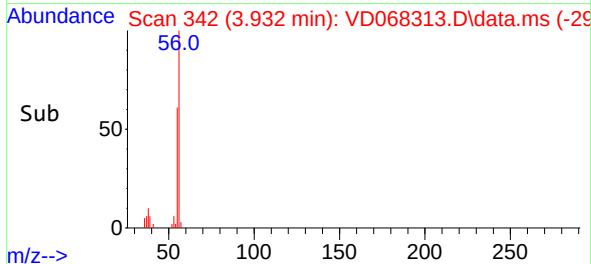
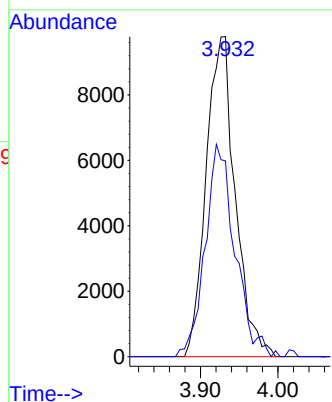
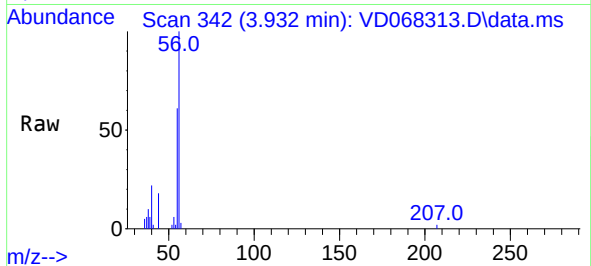
#13  
Acrolein  
Concen: 85.65 ug/l  
RT: 3.932 min Scan# 342  
Delta R.T. 0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 56 Resp: 25529  
Ion Ratio Lower Upper  
56 100  
55 67.9 56.5 84.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

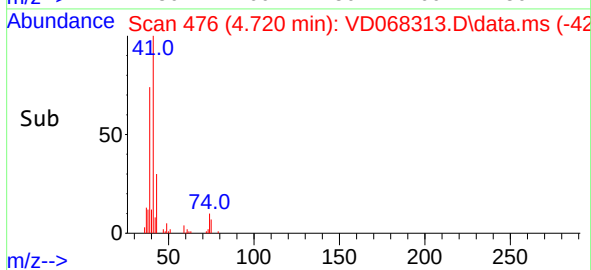
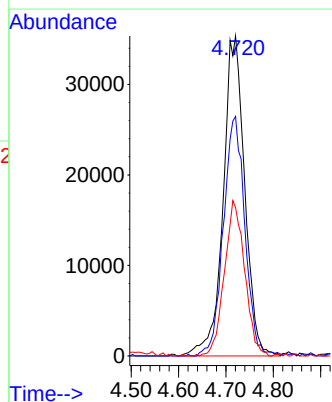
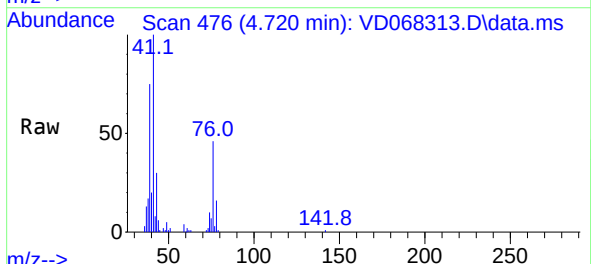
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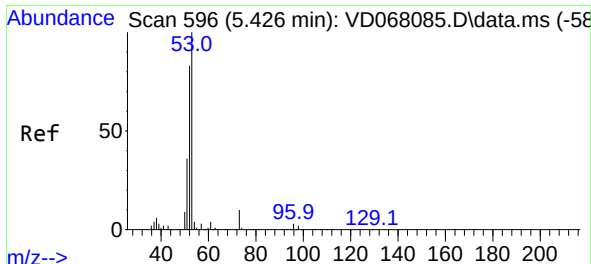
MMDadoda  
2/9/2021 9:59:50 AM



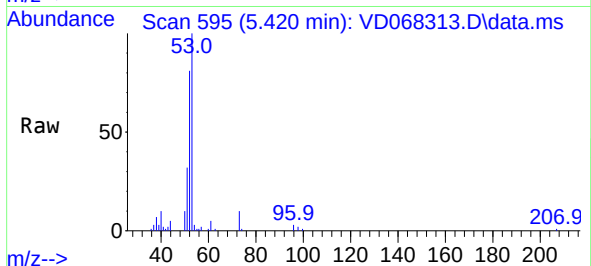
#14  
Allyl chloride  
Concen: 17.74 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 41 Resp: 111792  
Ion Ratio Lower Upper  
41 100  
39 74.7 56.3 84.5  
76 45.7 38.9 58.3

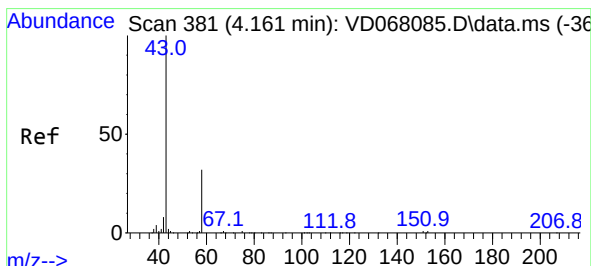
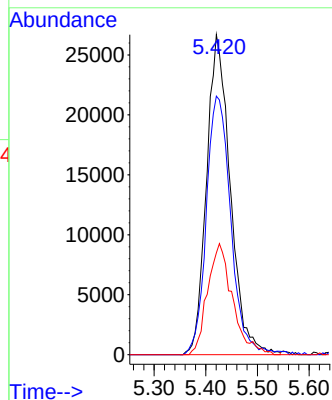
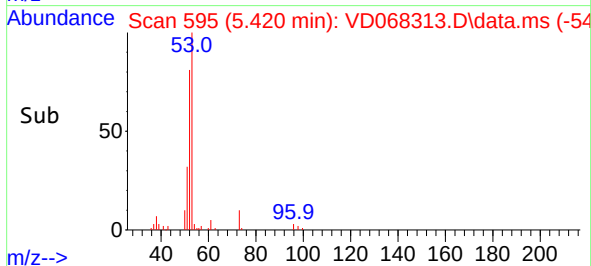




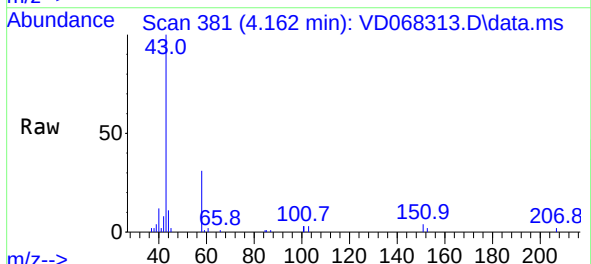
#15  
Acrylonitrile  
Concen: 98.85 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



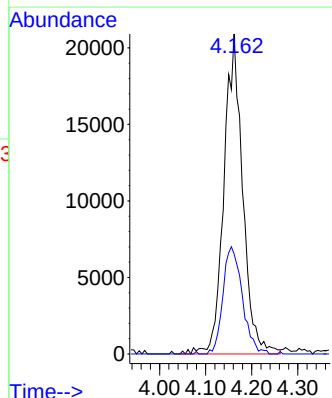
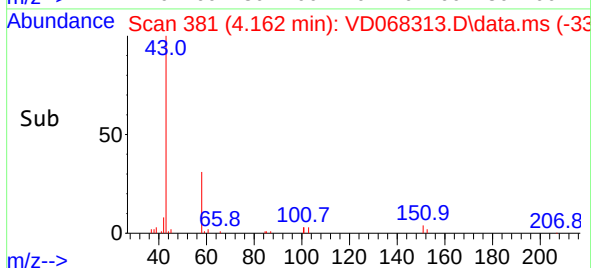
Tgt Ion: 53 Resp: 85133  
Ion Ratio Lower Upper  
53 100  
52 83.5 66.2 99.2  
51 36.5 29.0 43.4



#16  
Acetone  
Concen: 87.47 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



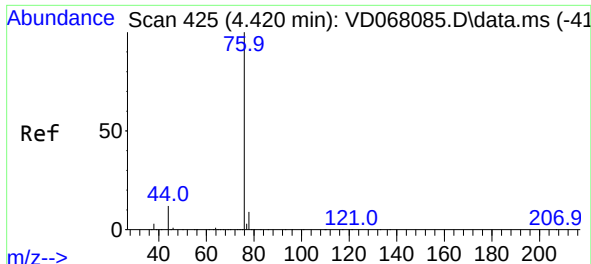
Tgt Ion: 43 Resp: 59073  
Ion Ratio Lower Upper  
43 100  
58 31.2 24.2 36.4



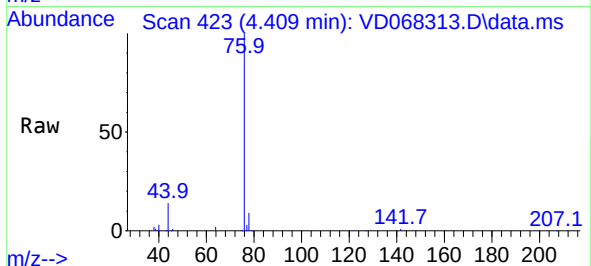
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

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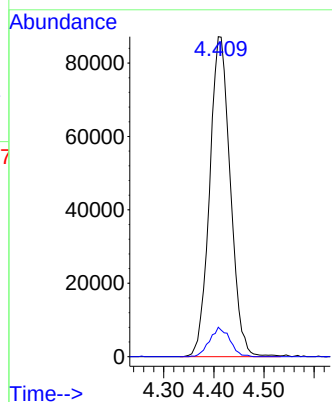
MMDadoda  
2/9/2021 9:59:50 AM



#17  
Carbon Disulfide  
Concen: 17.92 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.011 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



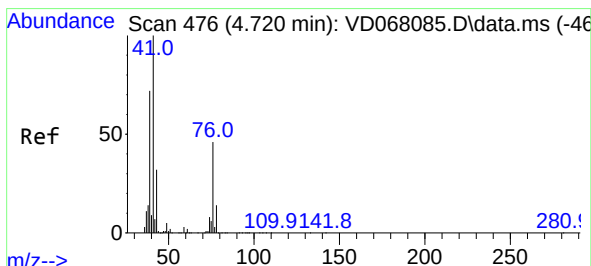
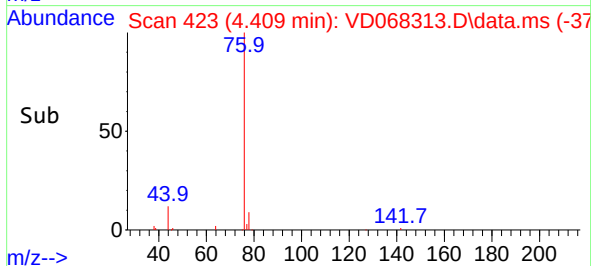
Tgt Ion: 76 Resp: 250056  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9



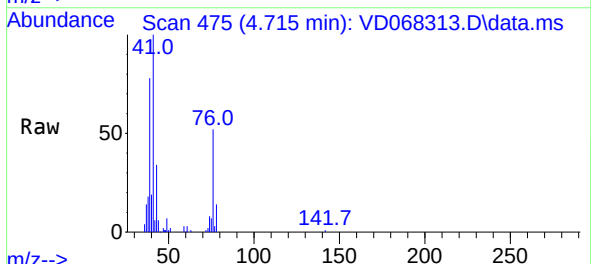
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

Manual Integrations  
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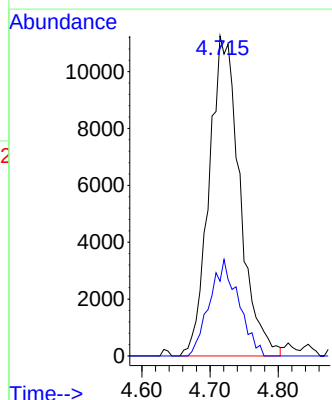
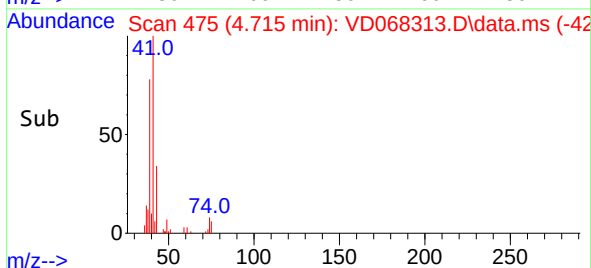
MMDadoda  
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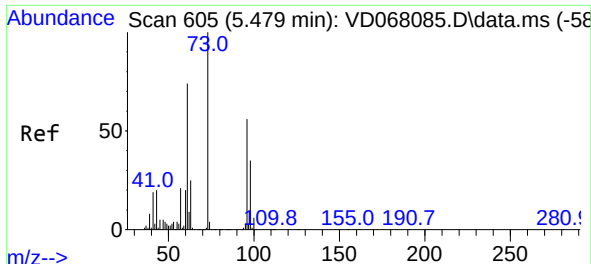


#18  
Methyl Acetate  
Concen: 20.16 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



Tgt Ion: 43 Resp: 35340  
Ion Ratio Lower Upper  
43 100  
74 28.4 25.4 38.0





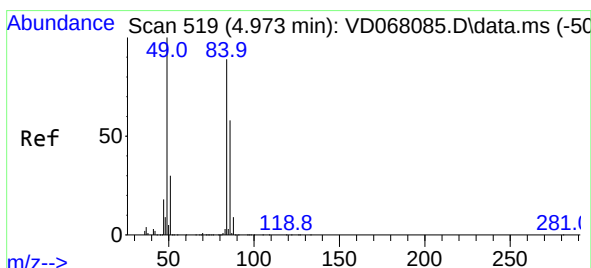
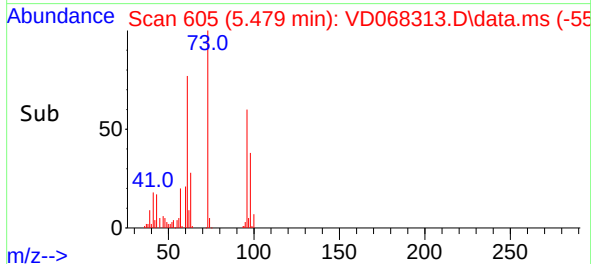
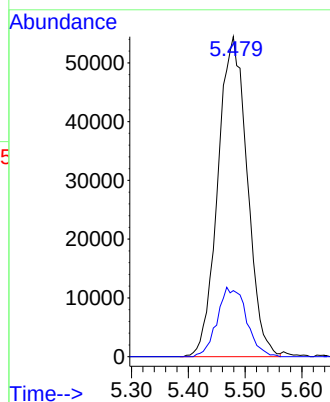
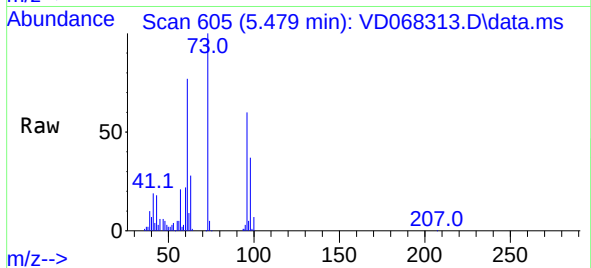
#19  
Methyl tert-butyl Ether  
Concen: 19.51 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 73 Resp: 195350  
Ion Ratio Lower Upper  
73 100  
57 20.7 14.4 21.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

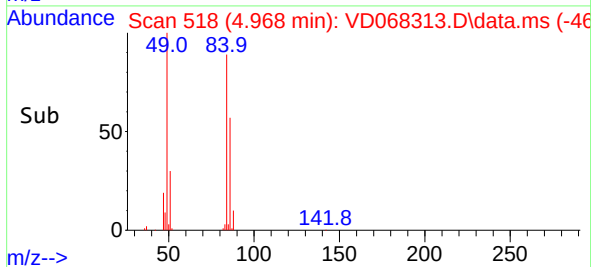
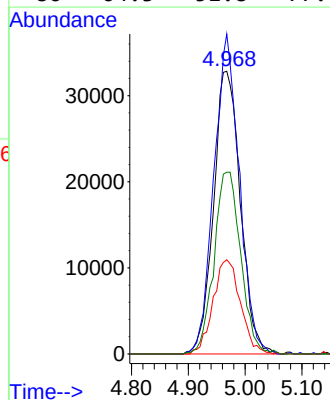
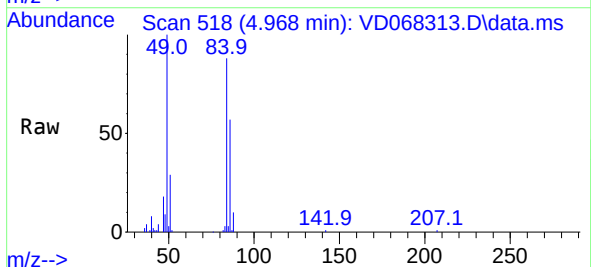
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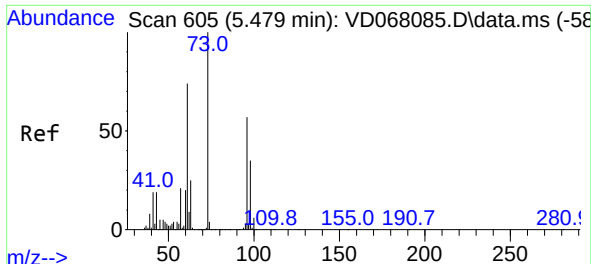
MMDadoda  
2/9/2021 9:59:50 AM



#20  
Methylene Chloride  
Concen: 20.54 ug/l  
RT: 4.968 min Scan# 518  
Delta R.T. -0.005 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

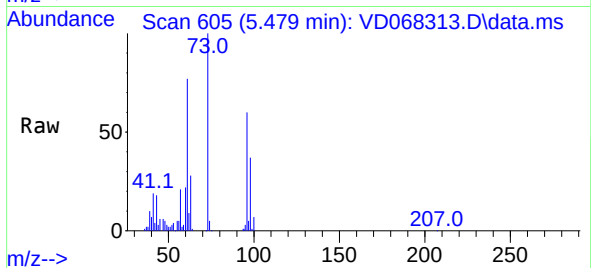
Tgt Ion: 84 Resp: 107961  
Ion Ratio Lower Upper  
84 100  
49 113.2 77.4 116.2  
51 33.3 26.1 39.1  
86 64.3 51.8 77.8





#21  
trans-1,2-Dichloroethene  
Concen: 20.41 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

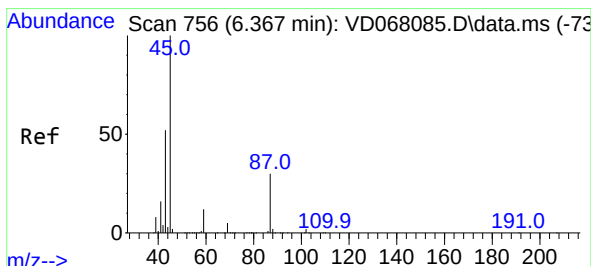
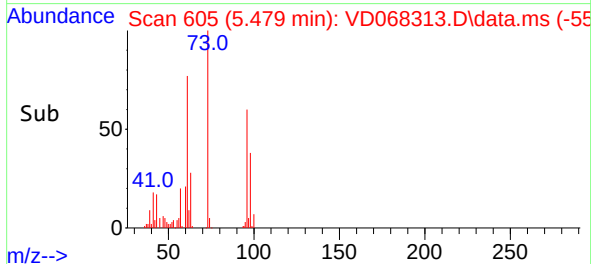
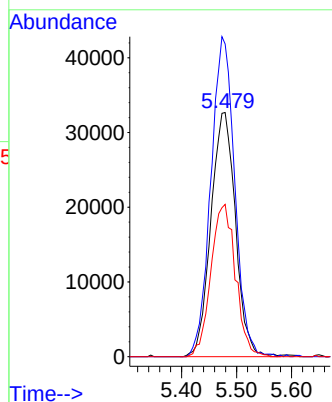
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01



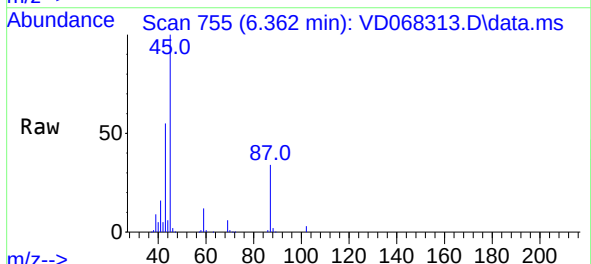
Tgt Ion: 96 Resp: 101492  
Ion Ratio Lower Upper  
96 100  
61 128.0 96.7 145.1  
98 62.4 47.6 71.4

Manual Integrations  
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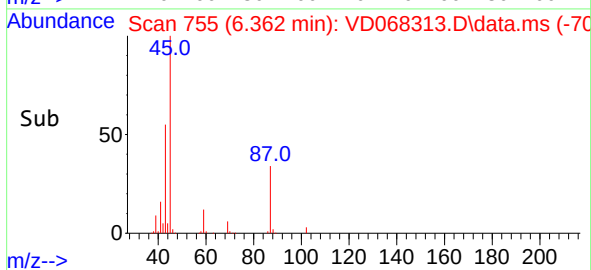
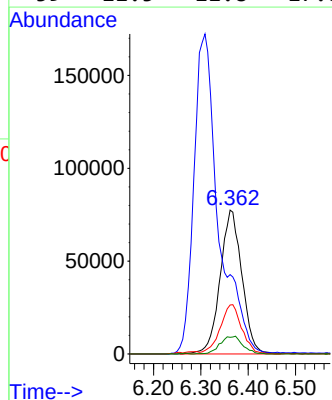
MMDadoda  
2/9/2021 9:59:50 AM

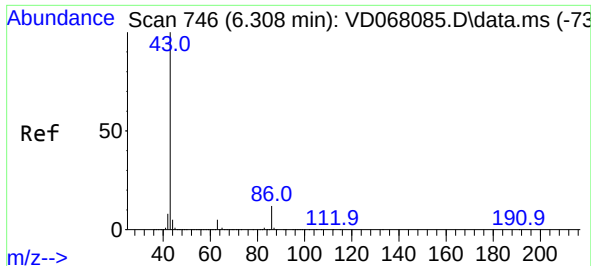


#22  
Diisopropyl ether  
Concen: 19.46 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



Tgt Ion: 45 Resp: 247398  
Ion Ratio Lower Upper  
45 100  
43 54.3 43.9 65.9  
87 34.1 29.9 44.9  
59 11.5 11.8 17.8#



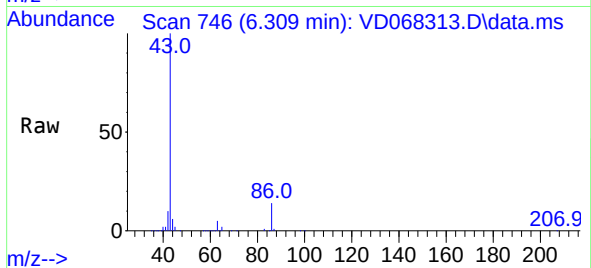


#23  
 Vinyl Acetate  
 Concen: 92.25 ug/l  
 RT: 6.309 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD068313.D  
 Acq: 08 Feb 2021 12:19

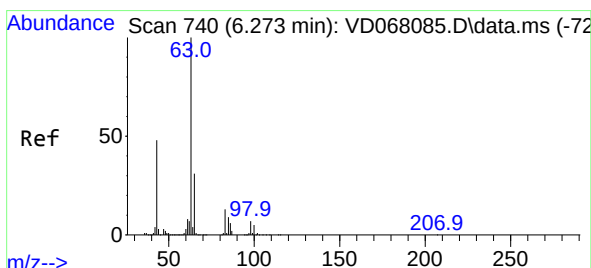
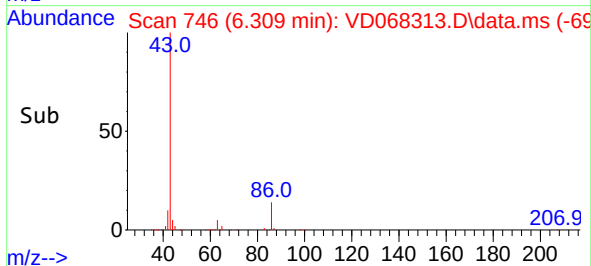
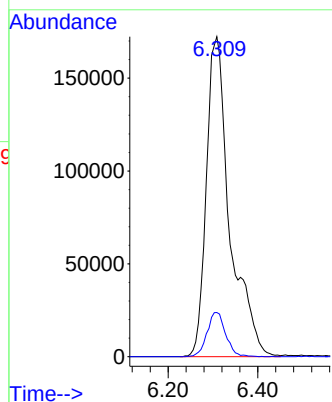
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0208SBS01

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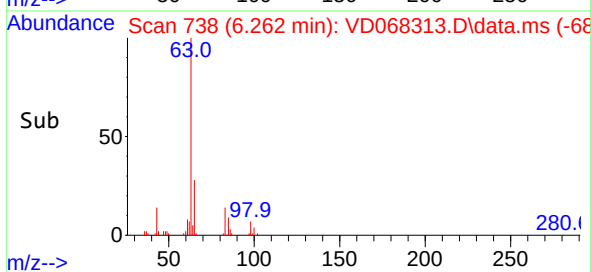
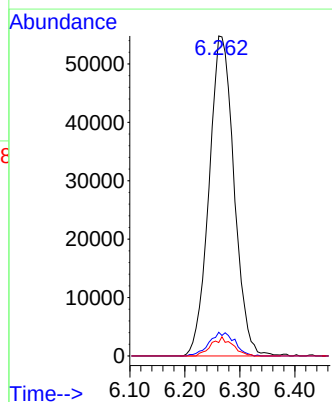
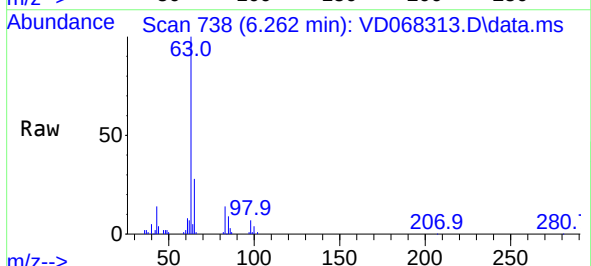


Tgt Ion: 43 Resp: 625208  
 Ion Ratio Lower Upper  
 43 100  
 86 13.8 10.8 16.2

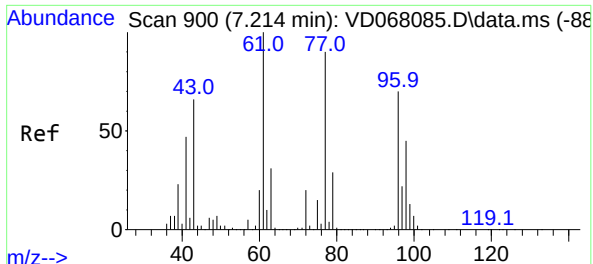


#24  
 1,1-Dichloroethane  
 Concen: 21.00 ug/l  
 RT: 6.262 min Scan# 738  
 Delta R.T. -0.011 min  
 Lab File: VD068313.D  
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Tgt Ion: 63 Resp: 172999  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.8 11.4  
 100 4.2 2.6 8.0







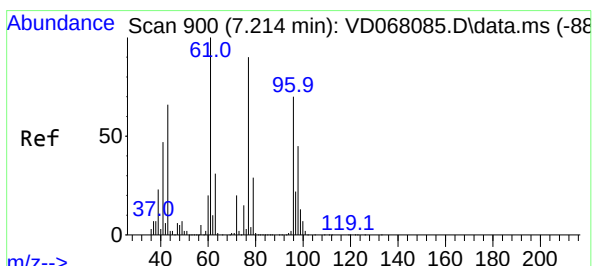
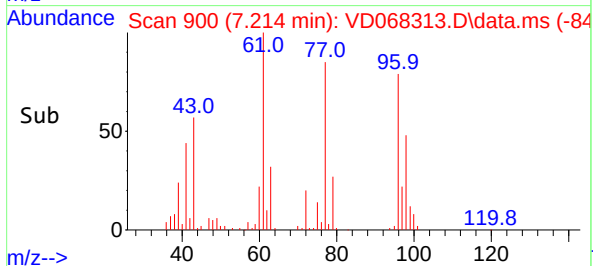
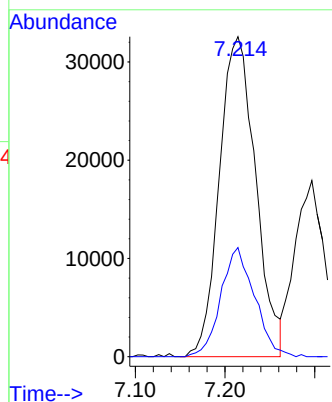
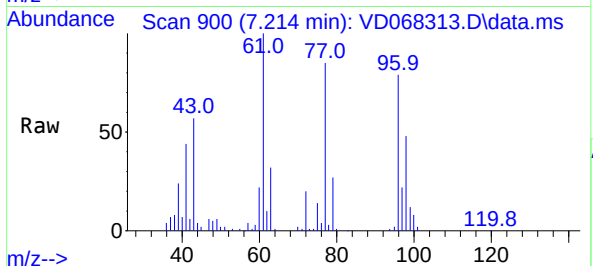
#25  
2-Butanone  
Concen: 89.93 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 43 Resp: 91448  
Ion Ratio Lower Upper  
43 100  
72 34.1 25.1 37.7

Instrument :  
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ClientSampleId :  
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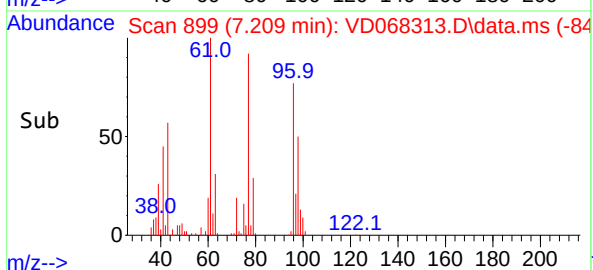
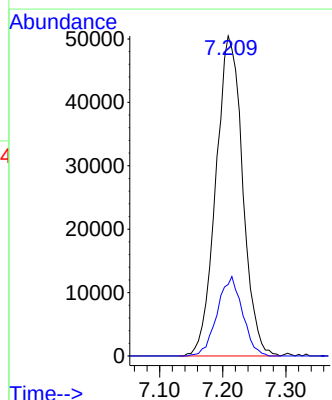
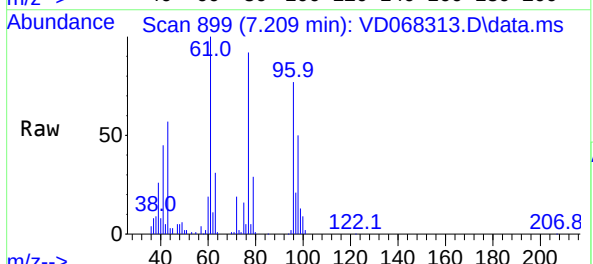
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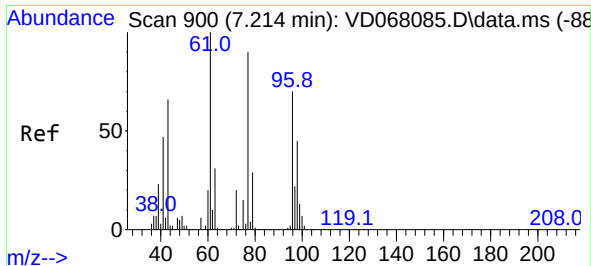
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#26  
2,2-Dichloropropane  
Concen: 19.05 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 77 Resp: 148492  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.7 35.1



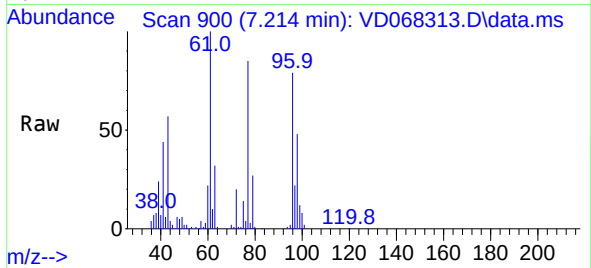


#27  
cis-1,2-Dichloroethene  
Concen: 21.62 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

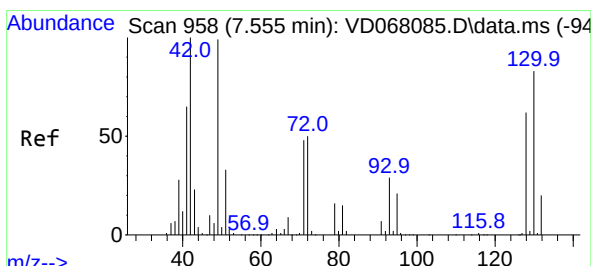
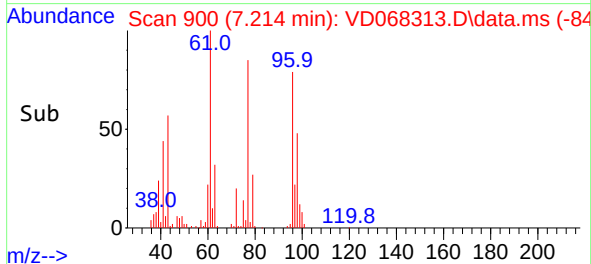
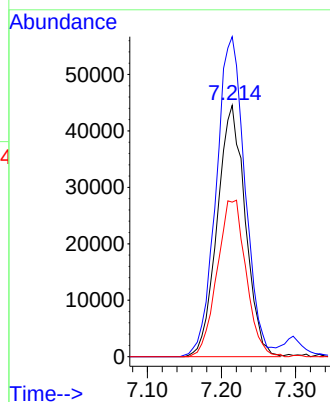
Instrument :  
MSVOA\_D  
ClientSampleId :  
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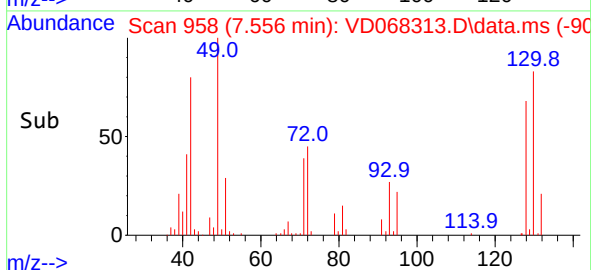
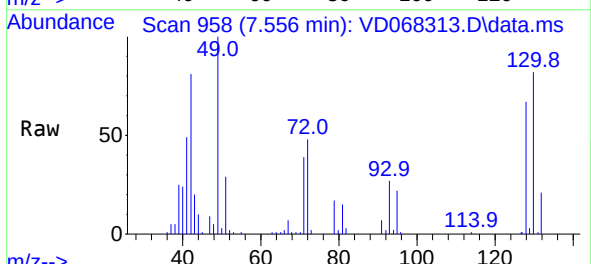
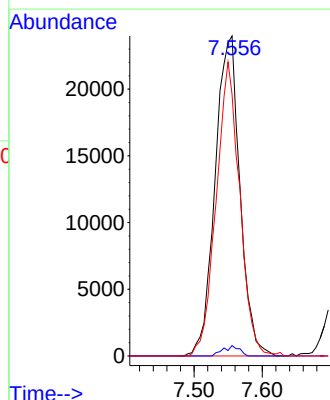


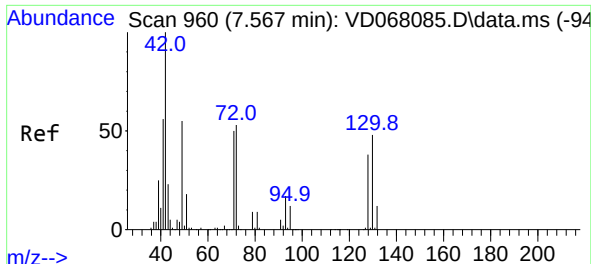
Tgt Ion: 96 Resp: 116724  
Ion Ratio Lower Upper  
96 100  
61 131.7 0.0 257.4  
98 64.4 0.0 126.6



#28  
Bromochloromethane  
Concen: 21.65 ug/l  
RT: 7.556 min Scan# 958  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 49 Resp: 60754  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 4.8  
130 87.1 85.5 128.3





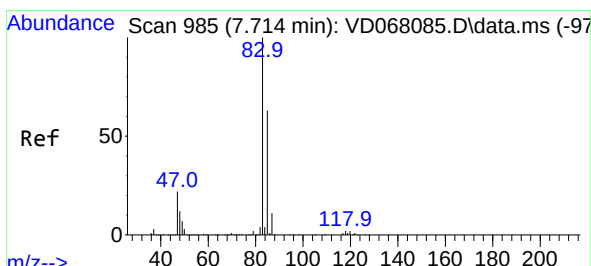
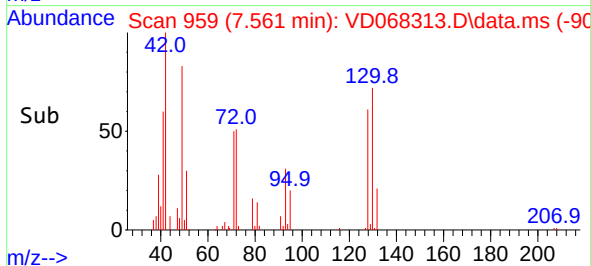
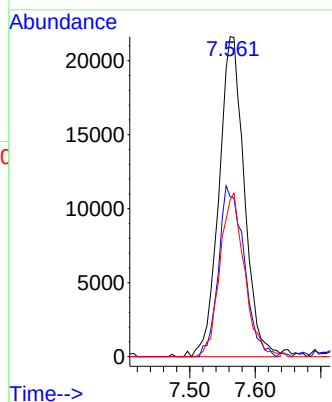
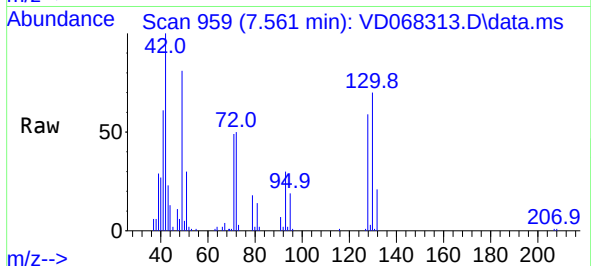
#29  
Tetrahydrofuran  
Concen: 87.83 ug/l  
RT: 7.561 min Scan# 959  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 57894 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 53.6  | 43.4  | 65.0  |
| 71       | 49.9  | 40.8  | 61.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
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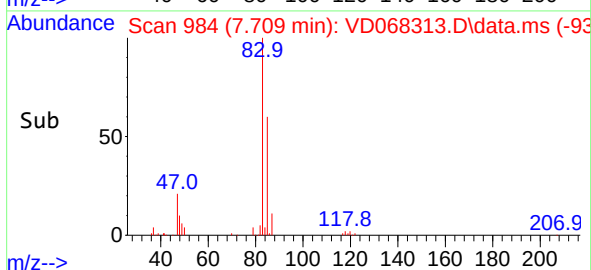
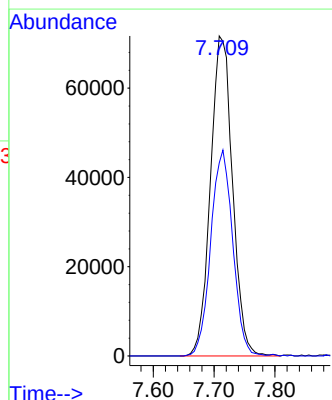
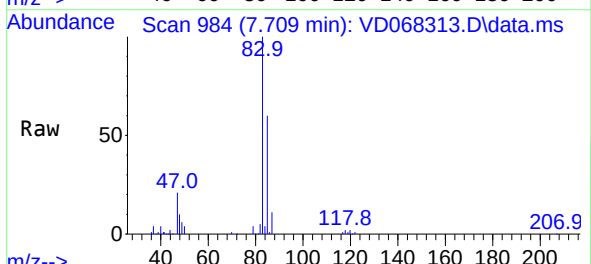
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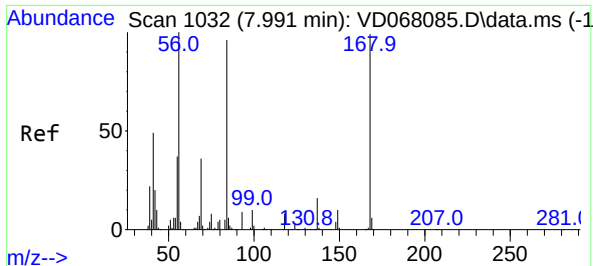
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#30  
Chloroform  
Concen: 21.67 ug/l  
RT: 7.709 min Scan# 984  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

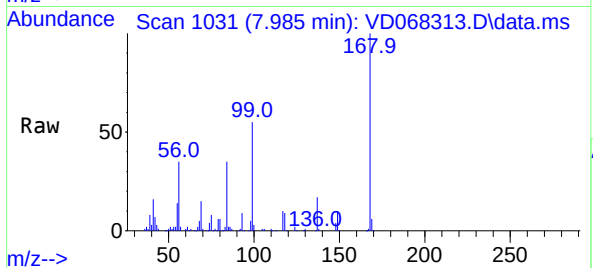
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 180422 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 60.3  | 53.4  | 80.0   |





#31  
Cyclohexane  
Concen: 17.80 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

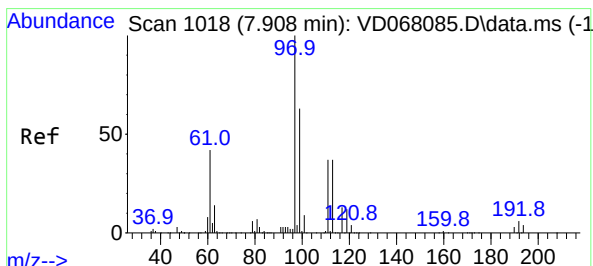
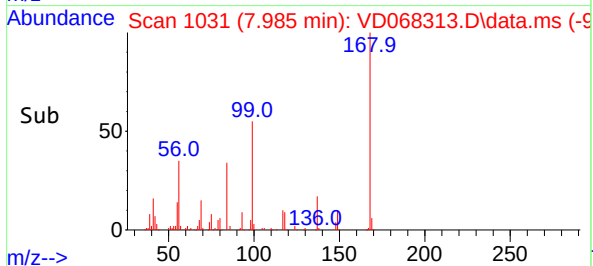
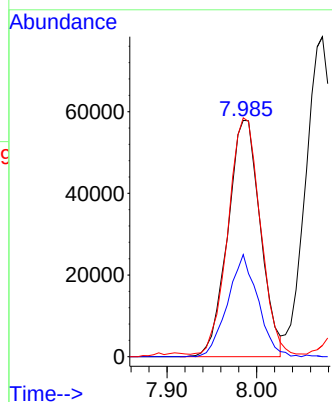
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01



Tgt Ion: 56 Resp: 145755  
Ion Ratio Lower Upper  
56 100  
69 43.2 30.1 45.1  
84 99.7 82.1 123.1

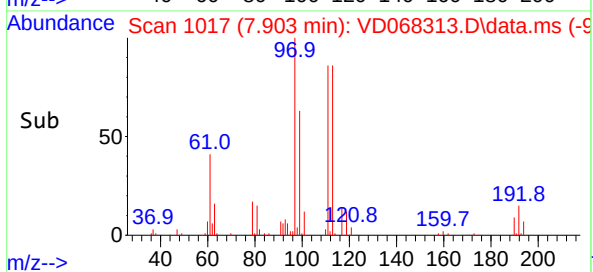
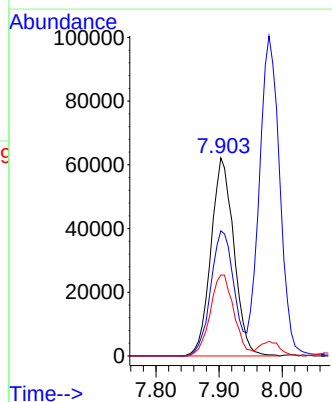
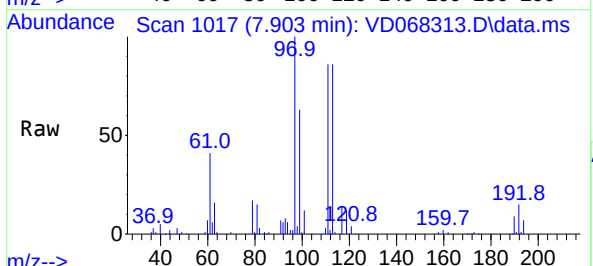
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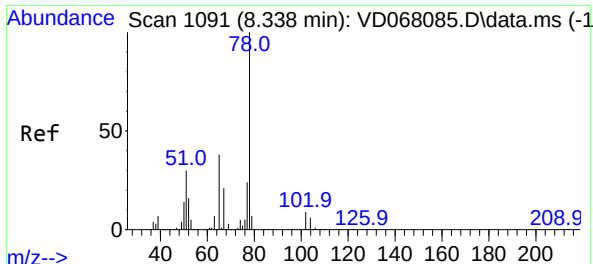
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#32  
1,1,1-Trichloroethane  
Concen: 20.90 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

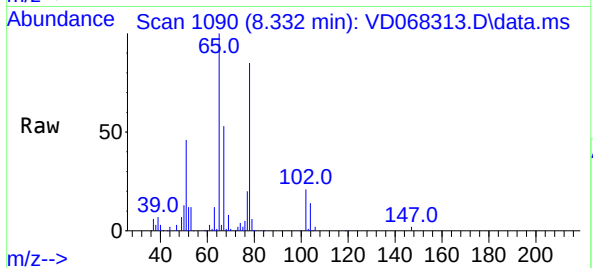
Tgt Ion: 97 Resp: 156809  
Ion Ratio Lower Upper  
97 100  
99 64.9 52.1 78.1  
61 42.5 30.1 45.1





#33  
1,2-Dichloroethane-d4  
Concen: 46.36 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

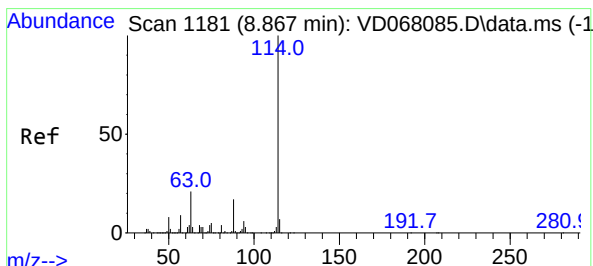
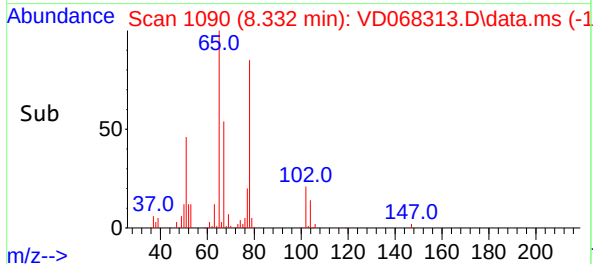
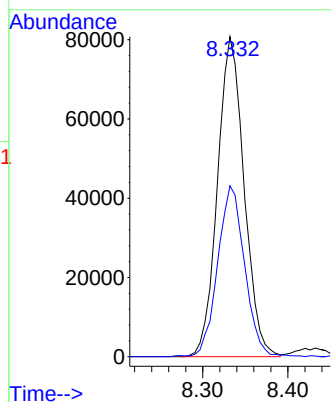
Instrument :  
MSVOA\_D  
ClientSampleId :  
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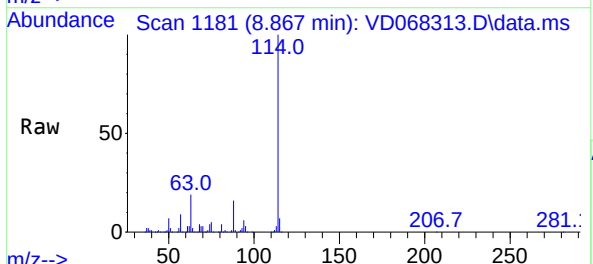
Tgt Ion: 65 Resp: 175354  
Ion Ratio Lower Upper  
65 100  
67 54.2 0.0 105.0

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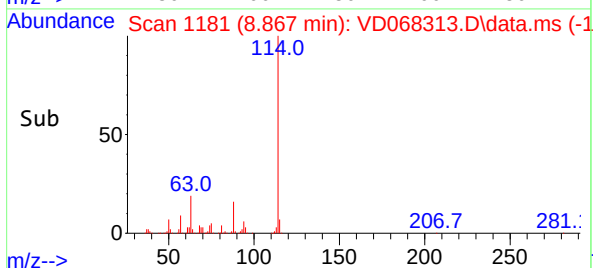
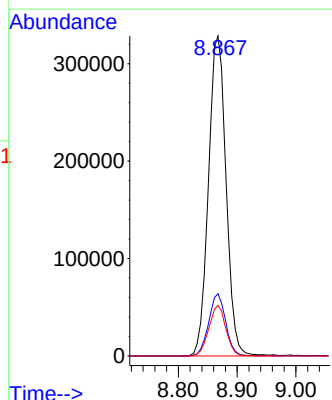
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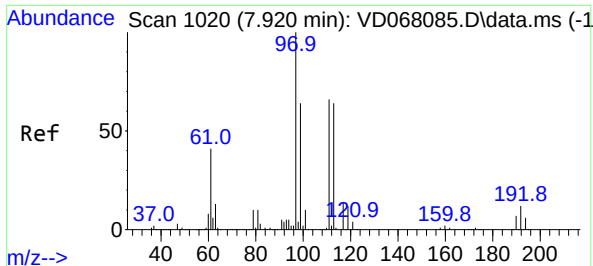


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
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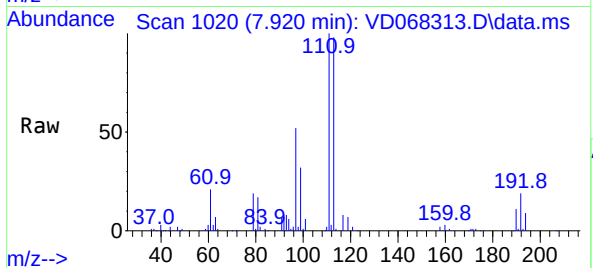


Tgt Ion: 114 Resp: 683383  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 34.8  
88 15.8 0.0 31.6

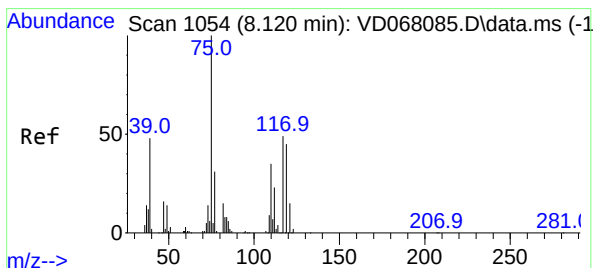
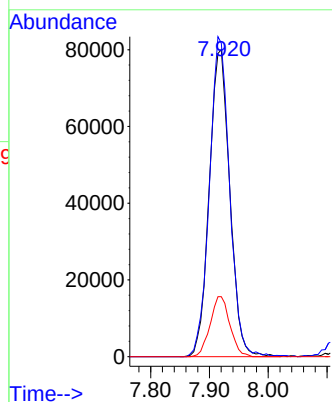
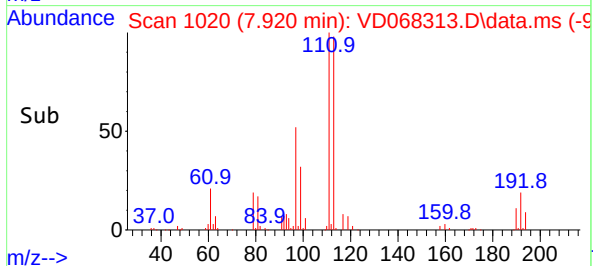




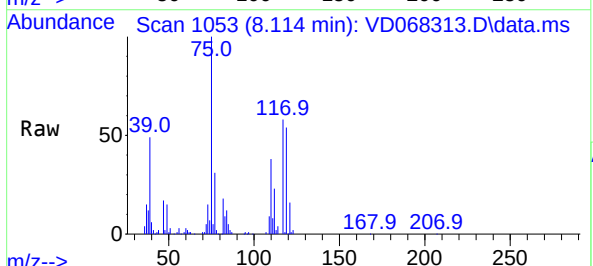
#35  
Dibromofluoromethane  
Concen: 51.40 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



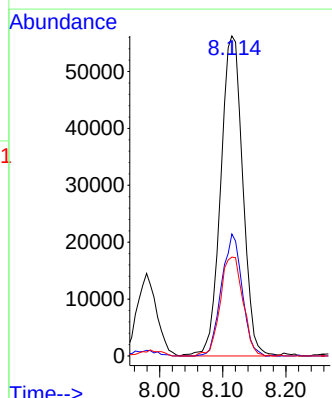
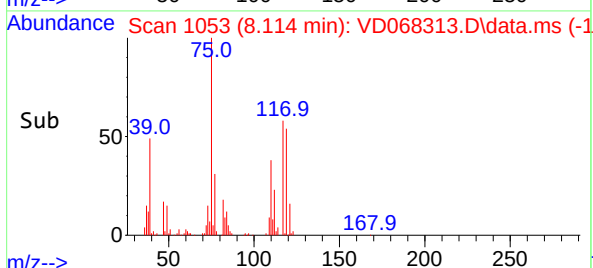
Tgt Ion:113 Resp: 194202  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.4 122.0  
192 18.8 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 19.79 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



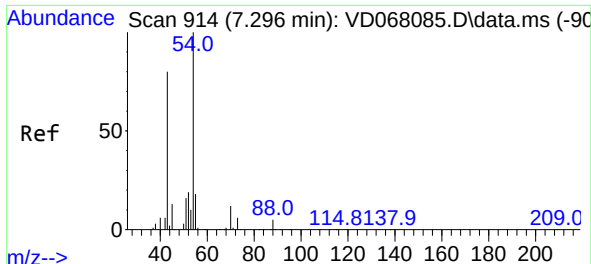
Tgt Ion: 75 Resp: 136351  
Ion Ratio Lower Upper  
75 100  
110 35.8 19.4 58.2  
77 31.9 25.3 37.9



Instrument :  
MSVOA\_D  
ClientSampleId :  
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#37

Ethyl Acetate

Concen: 16.49 ug/l

RT: 7.297 min Scan# 914

Delta R.T. 0.000 min

Lab File: VD068313.D

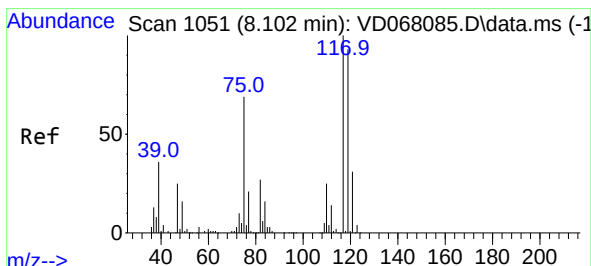
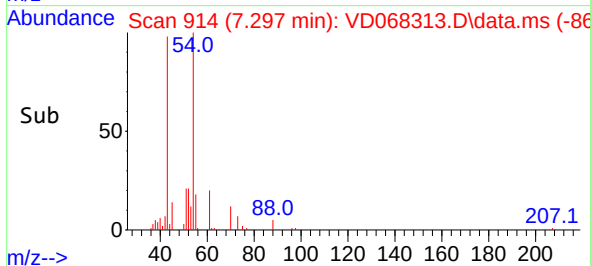
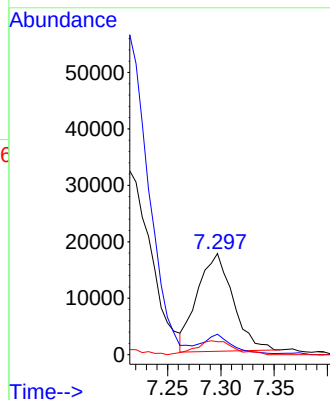
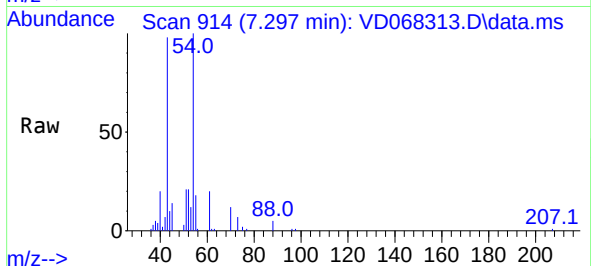
Acq: 08 Feb 2021 12:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 40206 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.3  | 12.9  | 19.3  |
| 70       | 15.1  | 11.0  | 16.6  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

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#38

Carbon Tetrachloride

Concen: 20.95 ug/l

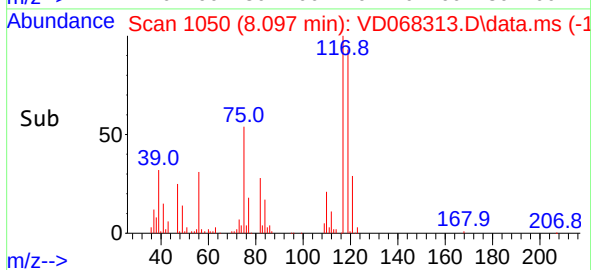
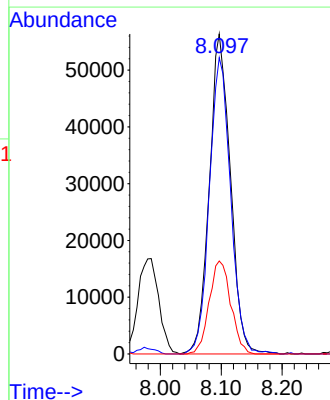
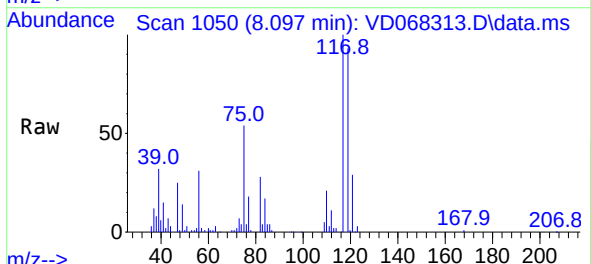
RT: 8.097 min Scan# 1050

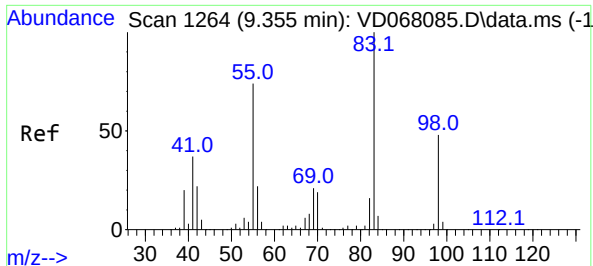
Delta R.T. -0.006 min

Lab File: VD068313.D

Acq: 08 Feb 2021 12:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 135129 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.6  | 77.3  | 115.9  |
| 121      | 29.0  | 24.7  | 37.1   |





#39

Methylcyclohexane

Concen: 18.21 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068313.D

Acq: 08 Feb 2021 12:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 164052 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 68.6  | 55.2  | 82.8   |
| 98       | 49.2  | 39.1  | 58.7   |

Instrument :

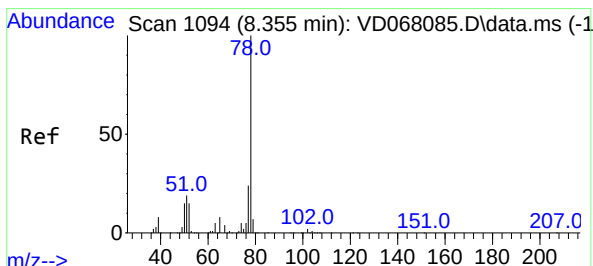
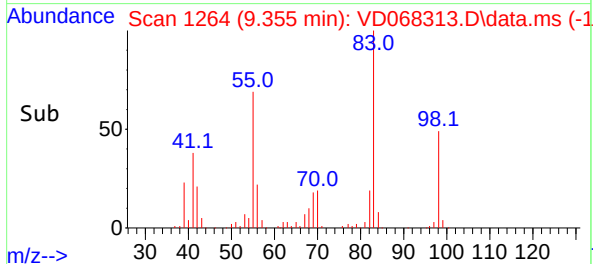
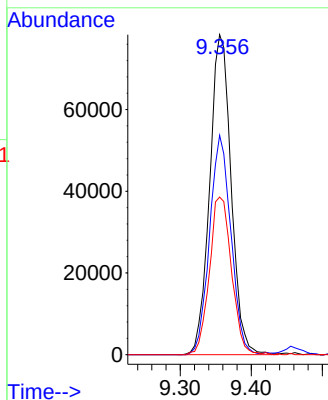
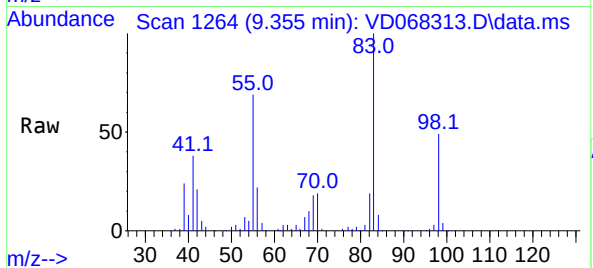
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#40

Benzene

Concen: 20.78 ug/l

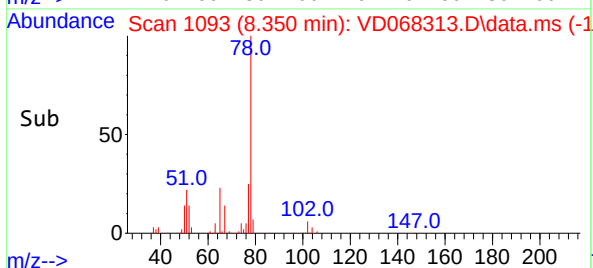
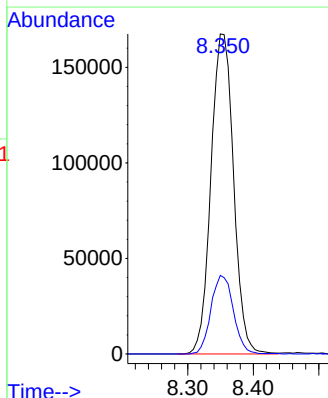
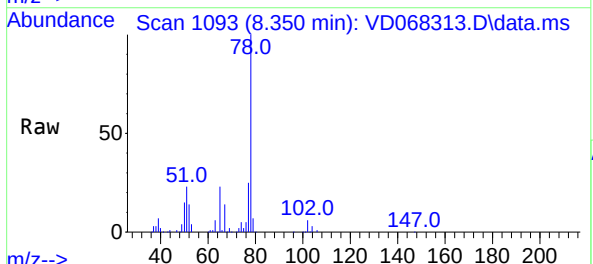
RT: 8.350 min Scan# 1093

Delta R.T. -0.005 min

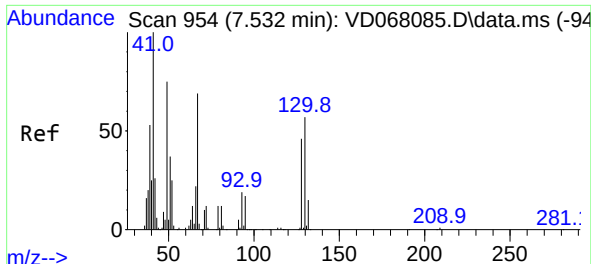
Lab File: VD068313.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 400360 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.6  | 17.8  | 26.6   |







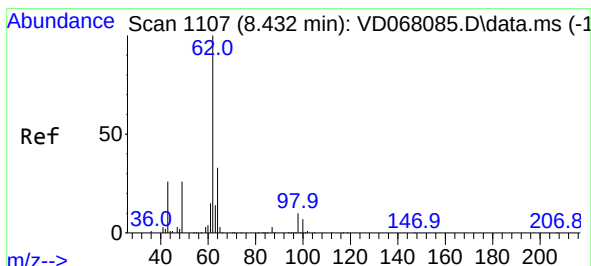
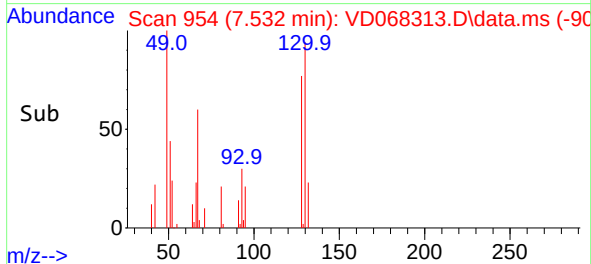
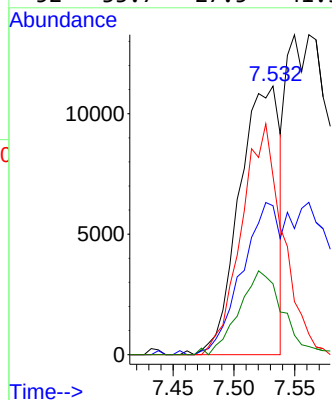
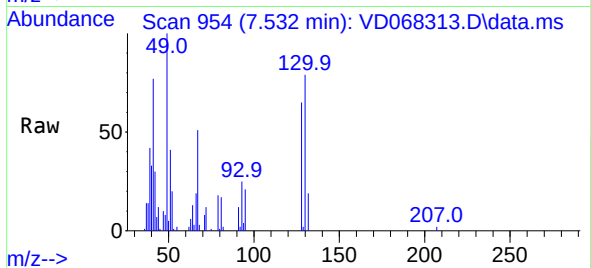
#41  
Methacrylonitrile  
Concen: 17.59 ug/l  
RT: 7.532 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 25872 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.5  | 45.2  | 67.8  |
| 67       | 87.5  | 67.4  | 101.2 |
| 52       | 33.7  | 27.5  | 41.3  |

Instrument :  
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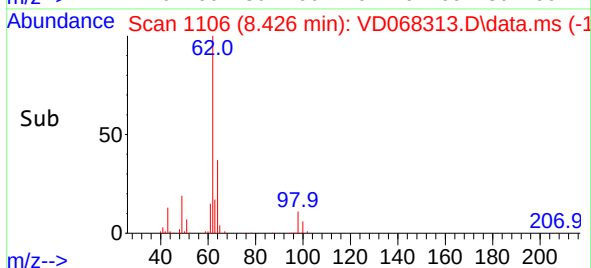
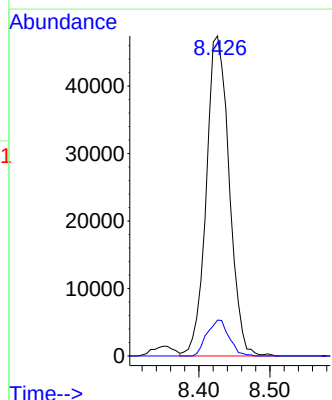
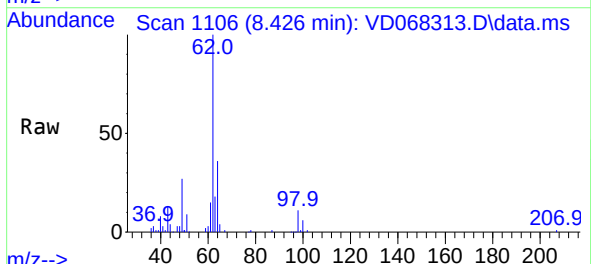
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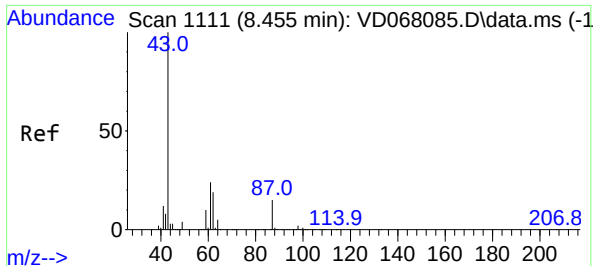
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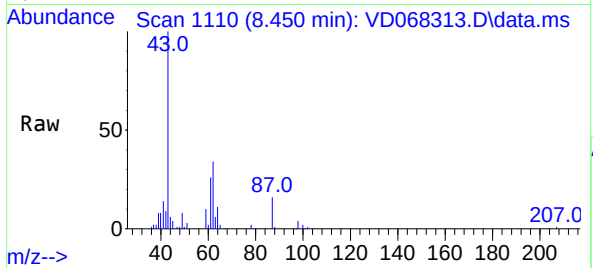
#42  
1,2-Dichloroethane  
Concen: 20.66 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 106379 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.8  | 0.0   | 21.8   |

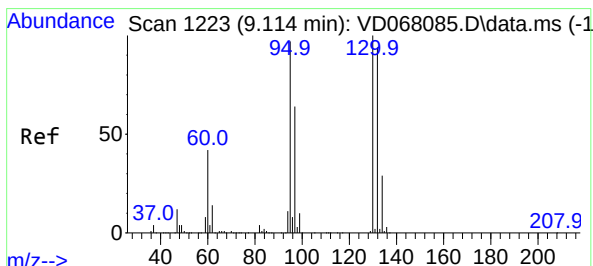
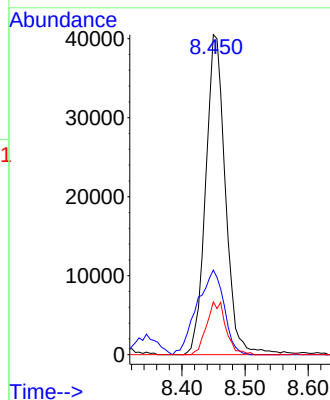
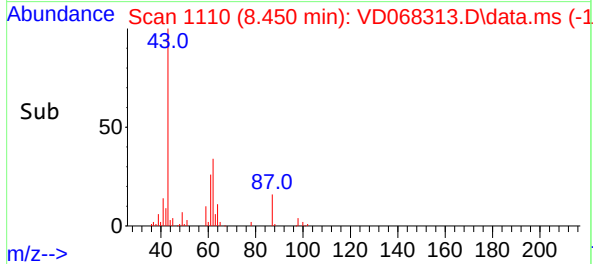




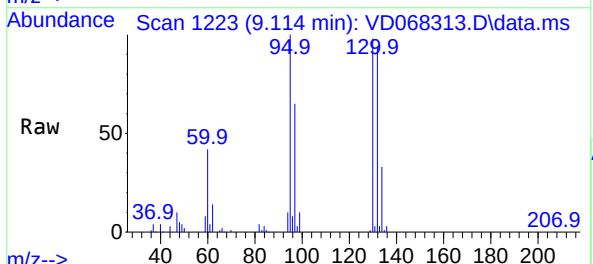
#43  
Isopropyl Acetate  
Concen: 17.32 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



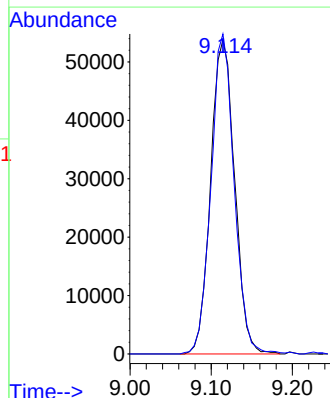
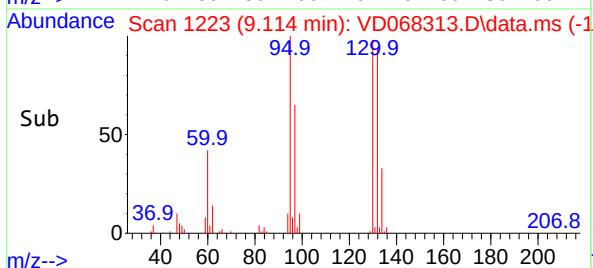
Tgt Ion: 43 Resp: 88011  
Ion Ratio Lower Upper  
43 100  
61 36.1 28.7 43.1  
87 16.2 13.9 20.9



#44  
Trichloroethene  
Concen: 20.85 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



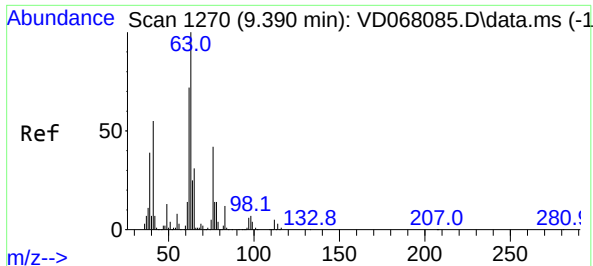
Tgt Ion: 130 Resp: 110359  
Ion Ratio Lower Upper  
130 100  
95 101.9 0.0 191.2



Instrument :  
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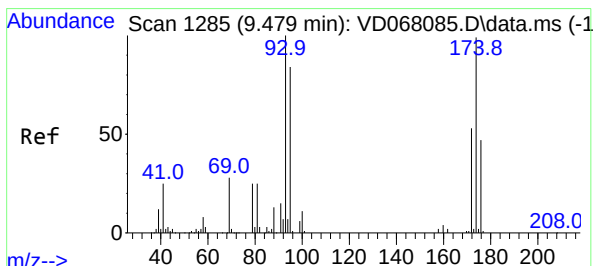
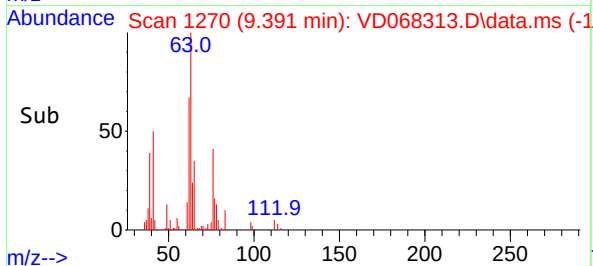
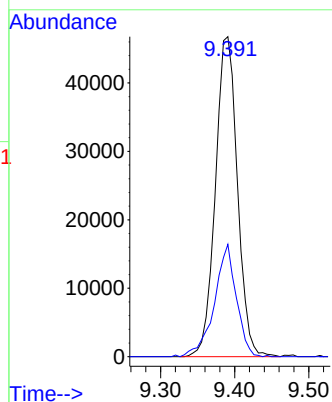
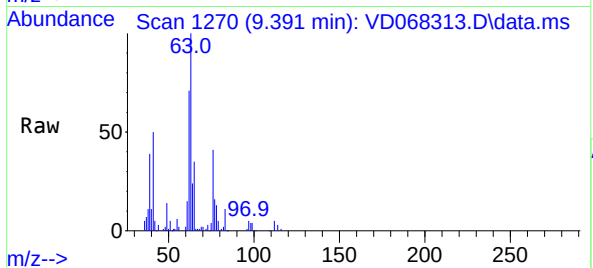
#45  
1,2-Dichloropropane  
Concen: 20.44 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 63 Resp: 96469  
Ion Ratio Lower Upper  
63 100  
65 35.1 26.6 40.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

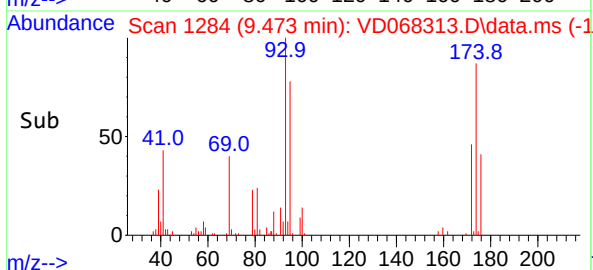
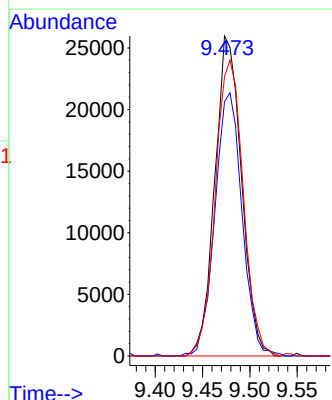
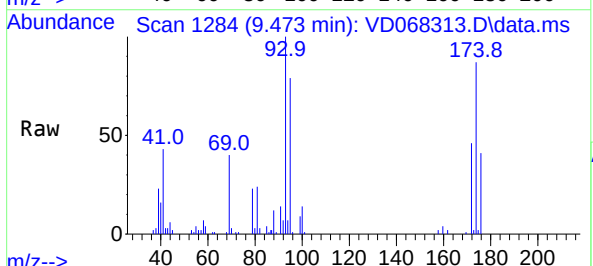
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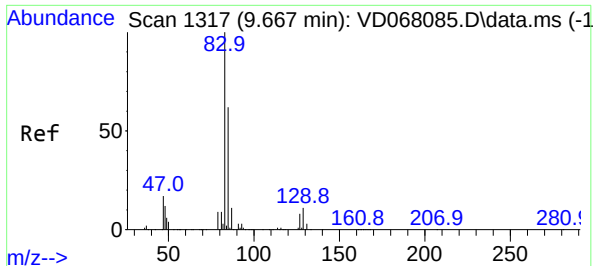
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#46  
Dibromomethane  
Concen: 21.30 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 93 Resp: 50924  
Ion Ratio Lower Upper  
93 100  
95 83.8 67.3 100.9  
174 96.5 84.6 127.0





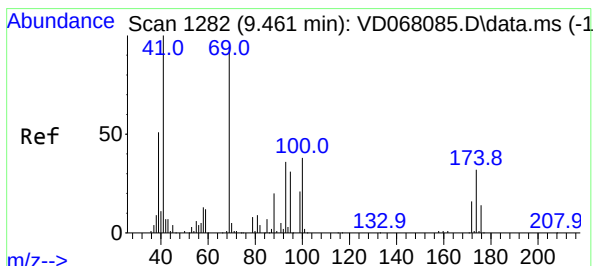
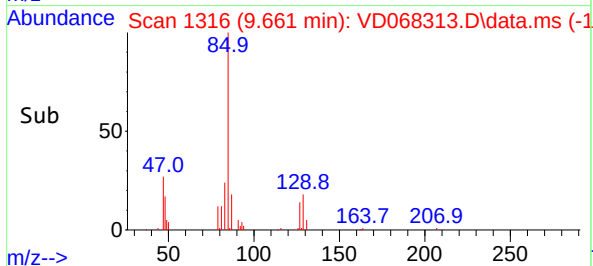
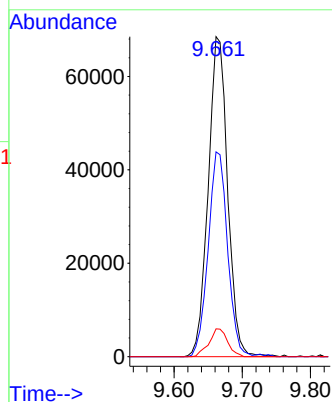
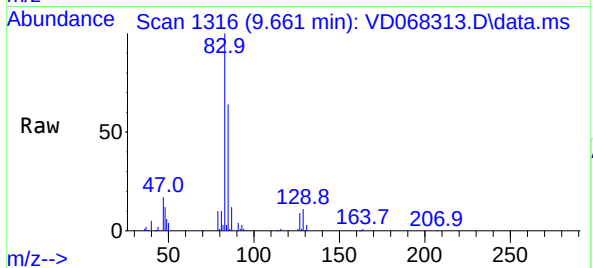
#47  
Bromodichloromethane  
Concen: 21.04 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 83 Resp: 135709  
Ion Ratio Lower Upper  
83 100  
85 64.0 51.6 77.4  
127 8.7 7.4 11.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
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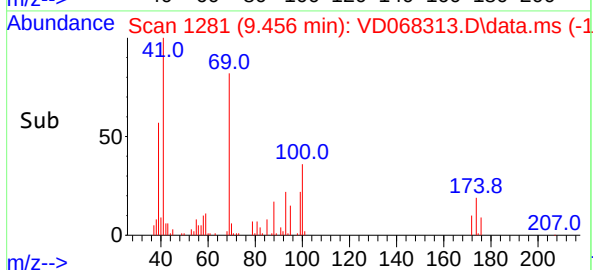
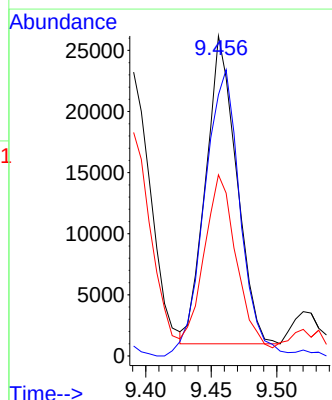
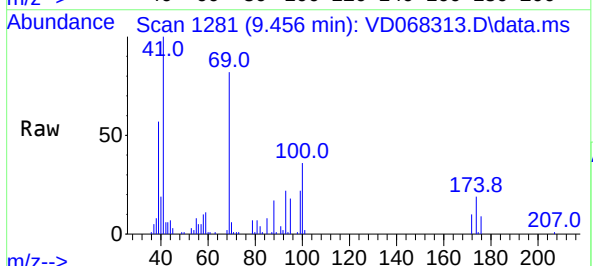
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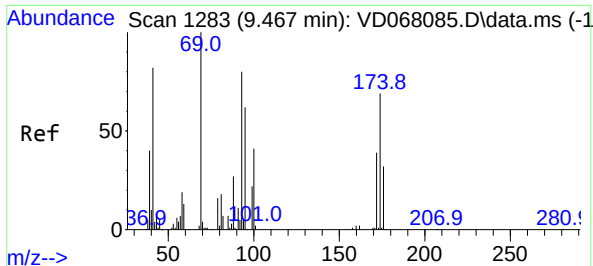
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#48  
Methyl methacrylate  
Concen: 16.30 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 41 Resp: 41226  
Ion Ratio Lower Upper  
41 100  
69 107.2 77.1 115.7  
39 57.8 41.5 62.3





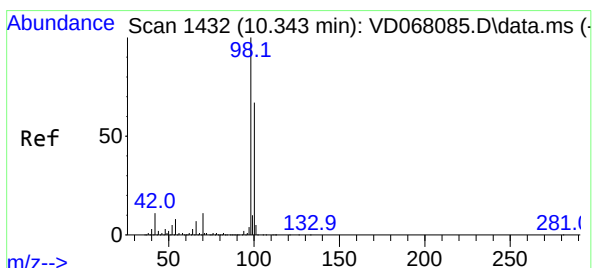
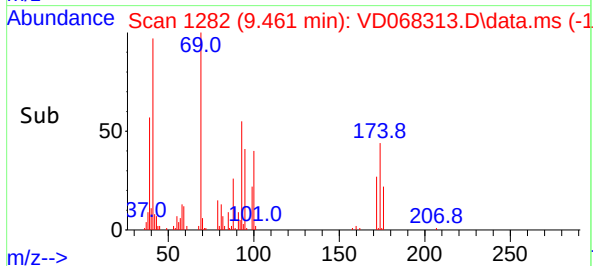
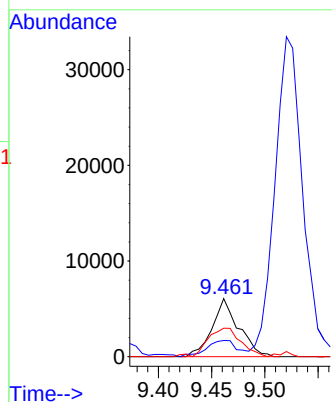
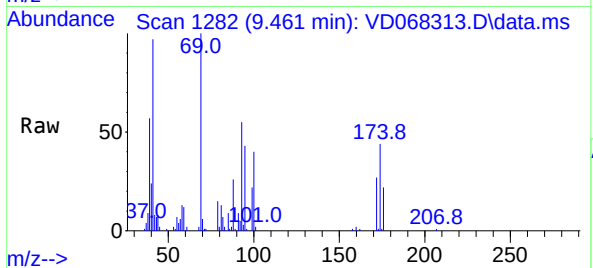
#49  
1,4-Dioxane  
Concen: 375.96 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 88 Resp: 10534  
Ion Ratio Lower Upper  
88 100  
43 32.9 22.1 33.1  
58 61.3 46.7 70.1

Instrument :  
MSVOA\_D  
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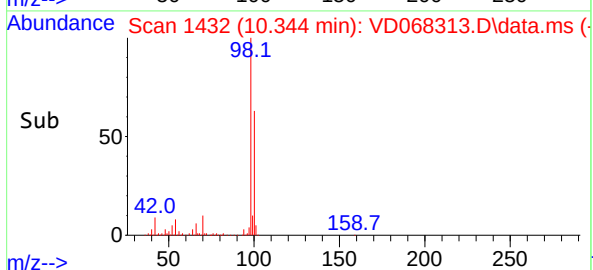
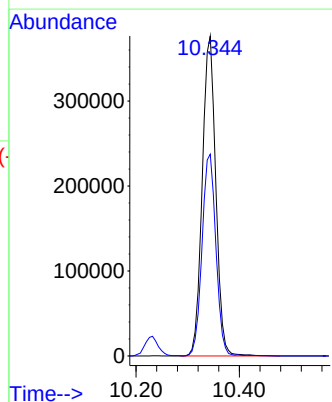
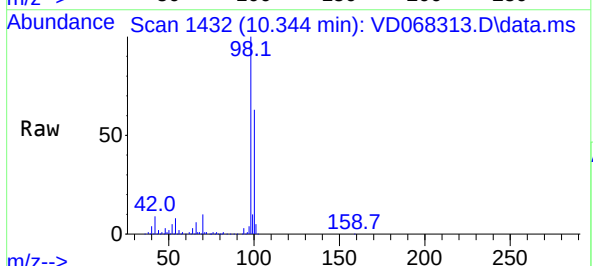
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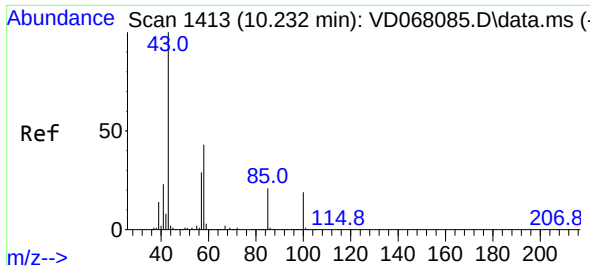
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#50  
Toluene-d8  
Concen: 45.19 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 98 Resp: 683006  
Ion Ratio Lower Upper  
98 100  
100 64.6 53.0 79.4



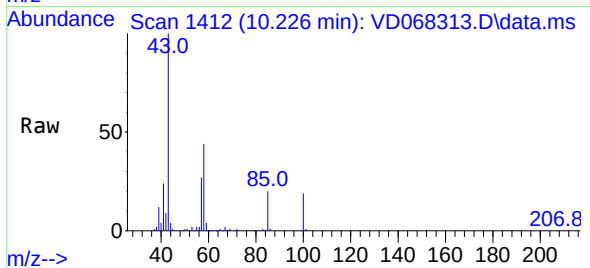


#51  
4-Methyl-2-Pentanone  
Concen: 90.36 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

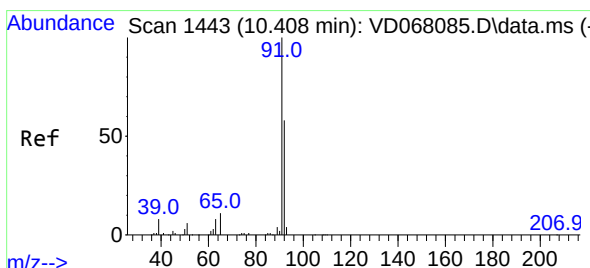
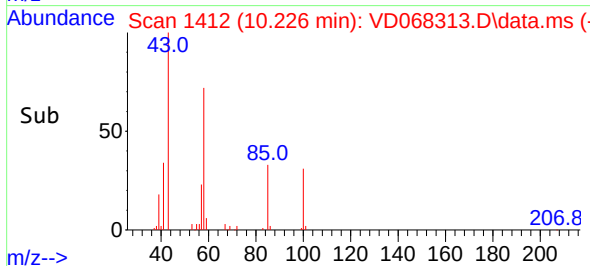
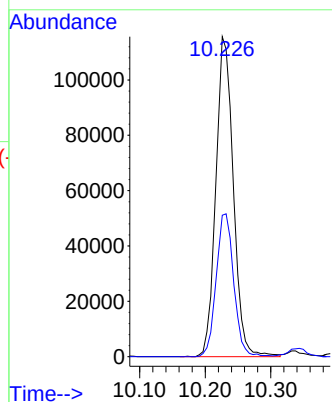
Instrument :  
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ClientSampleId :  
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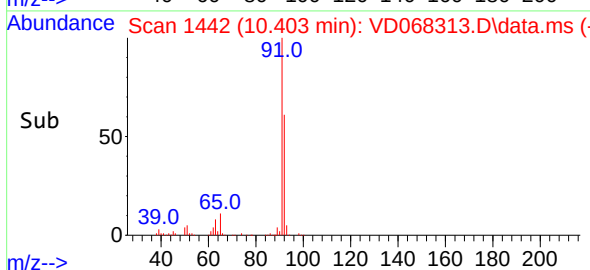
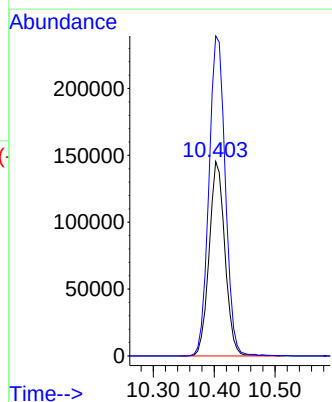
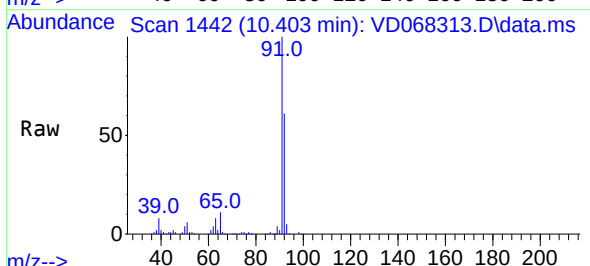


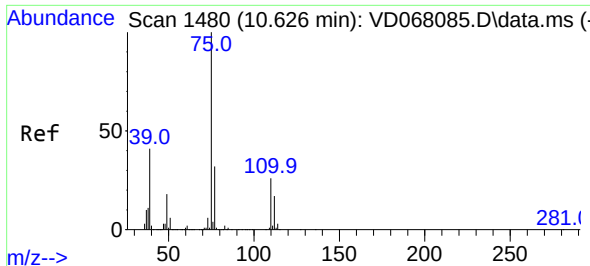
Tgt Ion: 43 Resp: 213384  
Ion Ratio Lower Upper  
43 100  
58 44.9 36.1 54.1



#52  
Toluene  
Concen: 20.83 ug/l  
RT: 10.403 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 92 Resp: 261519  
Ion Ratio Lower Upper  
92 100  
91 171.0 134.1 201.1





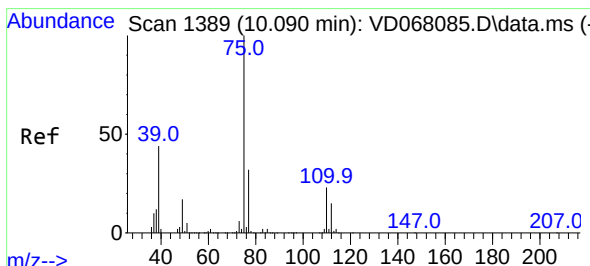
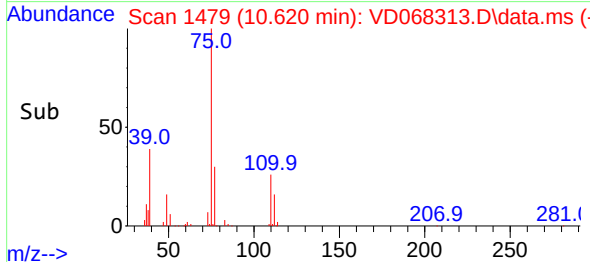
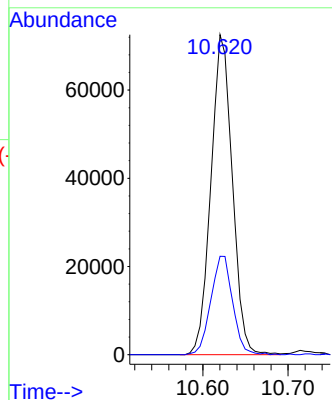
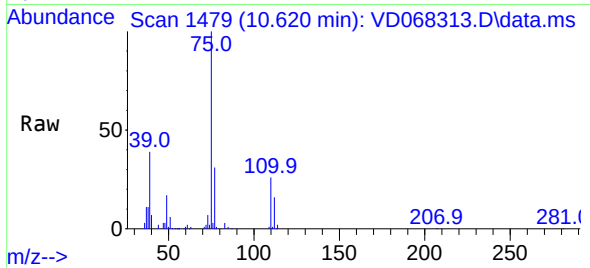
#53  
t-1,3-Dichloropropene  
Concen: 19.40 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 75 Resp: 126683  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.0 37.4

Instrument :  
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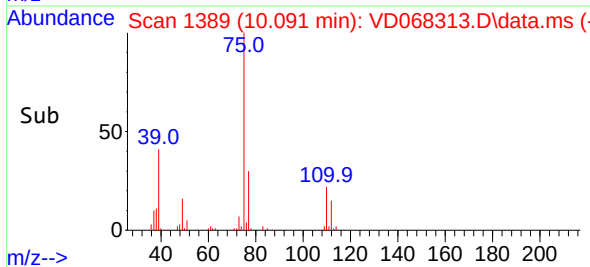
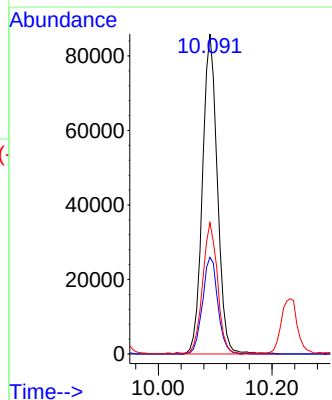
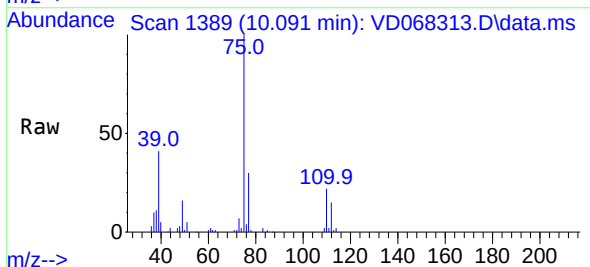
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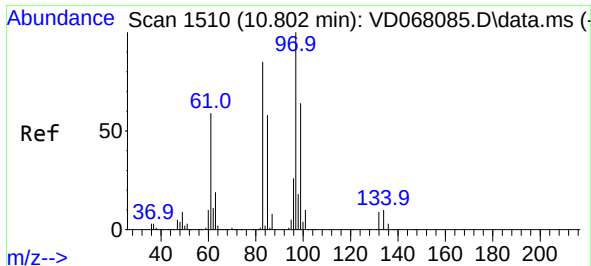
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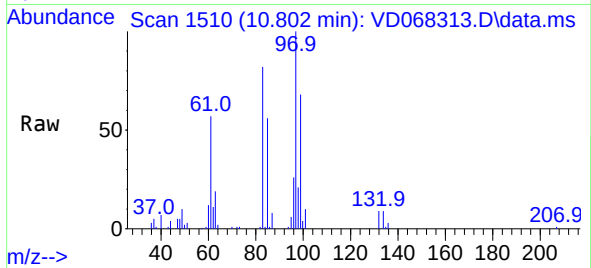
#54  
cis-1,3-Dichloropropene  
Concen: 20.05 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 75 Resp: 155870  
Ion Ratio Lower Upper  
75 100  
77 30.2 24.6 37.0  
39 40.7 31.4 47.0

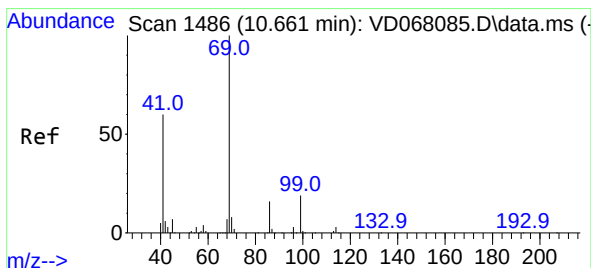
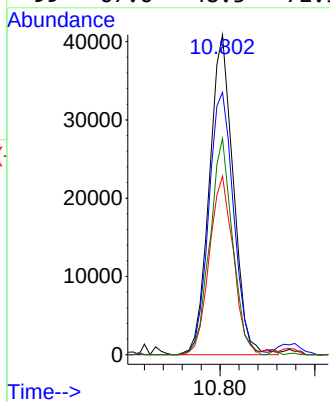
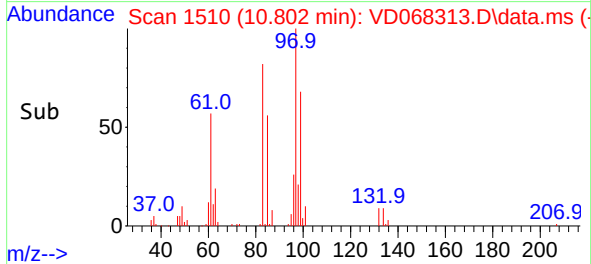




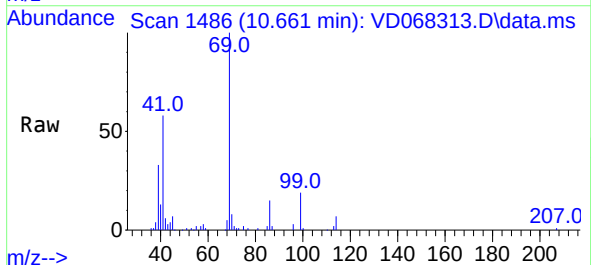
#55  
1,1,2-Trichloroethane  
Concen: 21.16 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
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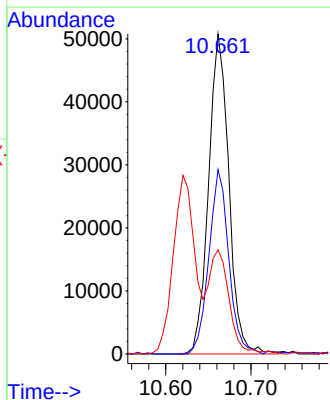
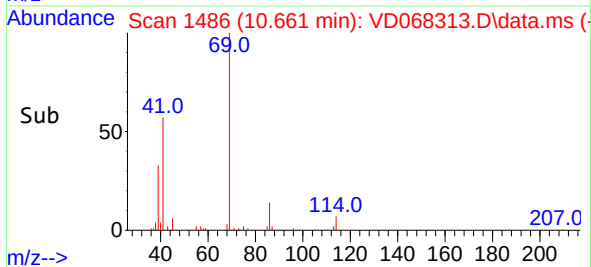
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 71697 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.0  | 61.8  | 92.6  |
| 85       | 55.8  | 42.2  | 63.2  |
| 99       | 67.6  | 48.3  | 72.5  |



#56  
Ethyl methacrylate  
Concen: 18.60 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 83938 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 56.5  | 44.9  | 67.3  |
| 39       | 32.7  | 21.9  | 32.9  |

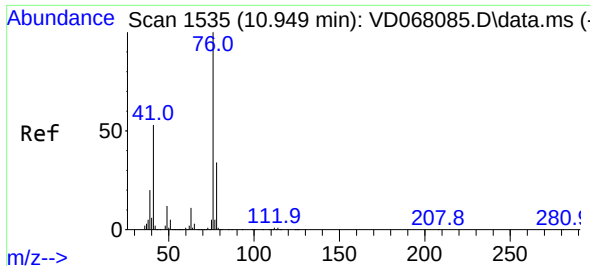


Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

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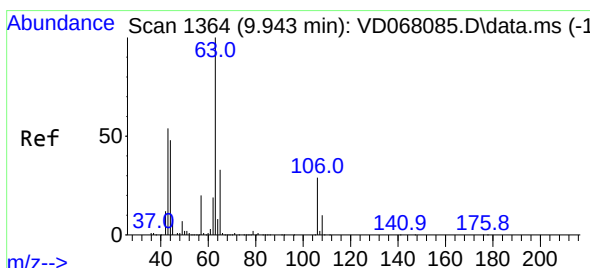
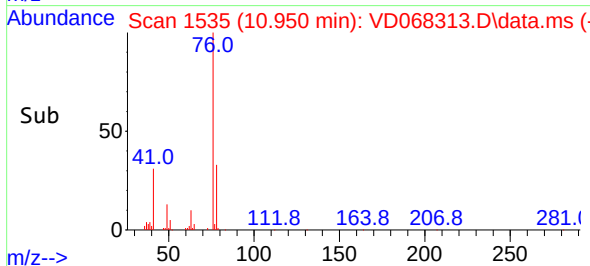
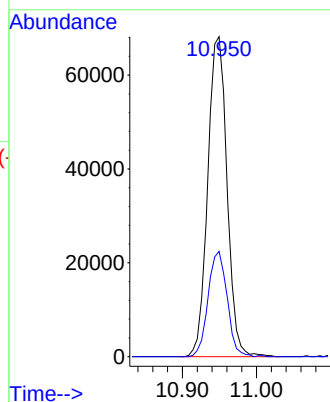
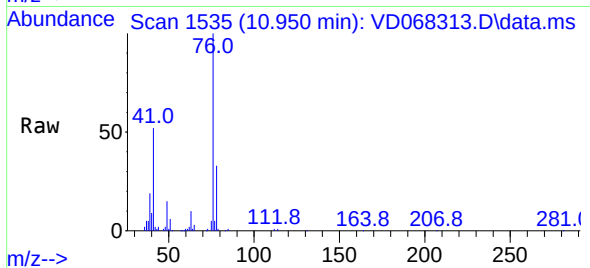
#57  
1,3-Dichloropropane  
Concen: 20.63 ug/l  
RT: 10.950 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 76 Resp: 123372  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.6 38.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
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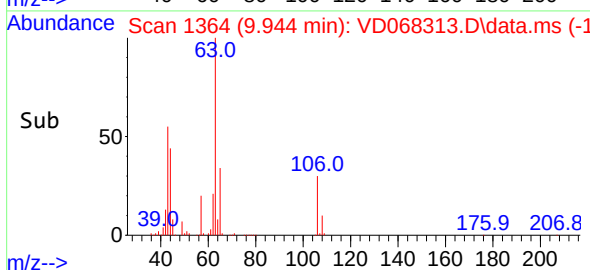
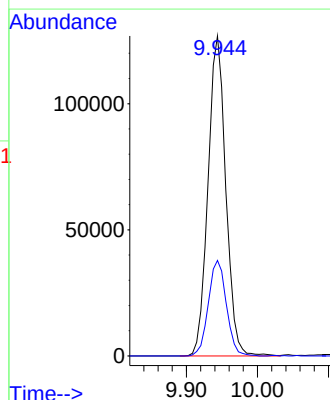
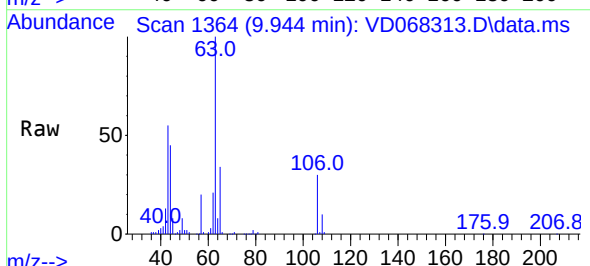
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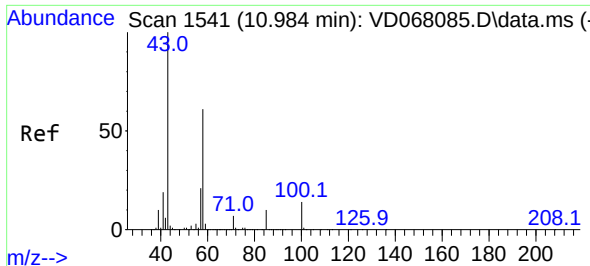
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#58  
2-Chloroethyl Vinyl ether  
Concen: 105.95 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 63 Resp: 220690  
Ion Ratio Lower Upper  
63 100  
106 30.2 27.0 40.4





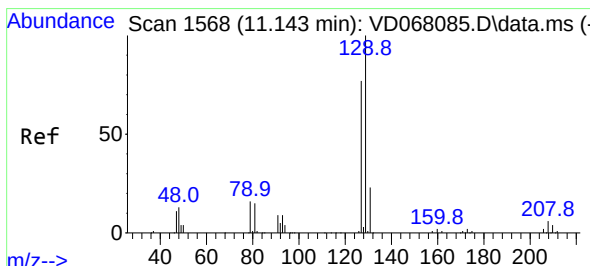
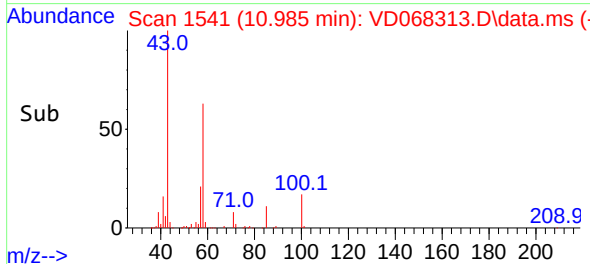
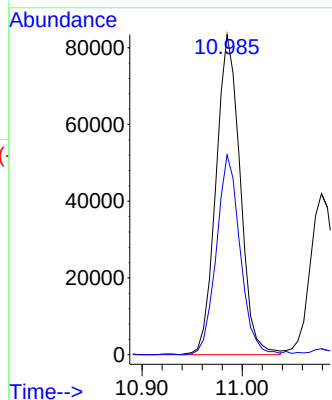
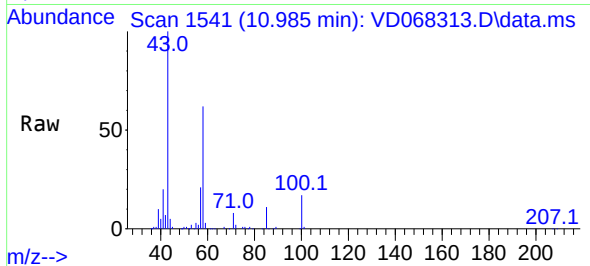
#59  
2-Hexanone  
Concen: 85.30 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
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Tgt Ion: 43 Resp: 139627  
Ion Ratio Lower Upper  
43 100  
58 61.2 31.0 93.0

Instrument :  
MSVOA\_D  
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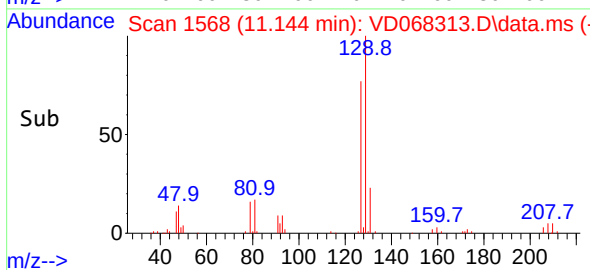
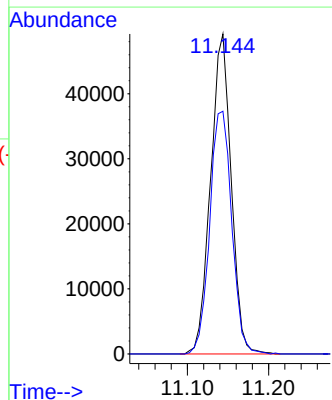
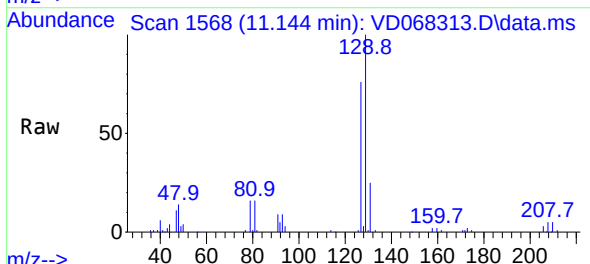
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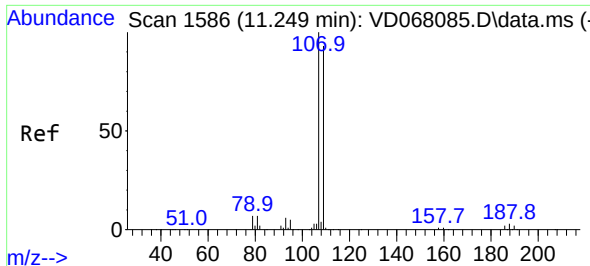
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#60  
Dibromochloromethane  
Concen: 20.43 ug/l  
RT: 11.144 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

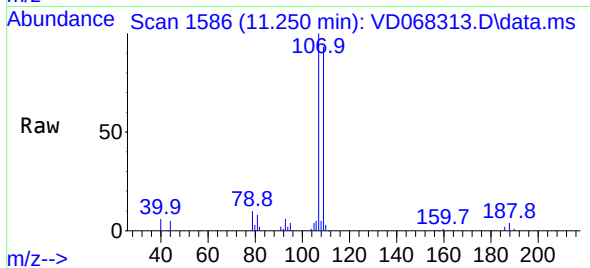
Tgt Ion: 129 Resp: 86782  
Ion Ratio Lower Upper  
129 100  
127 81.1 38.6 116.0





#61  
1,2-Dibromoethane  
Concen: 20.32 ug/l  
RT: 11.250 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

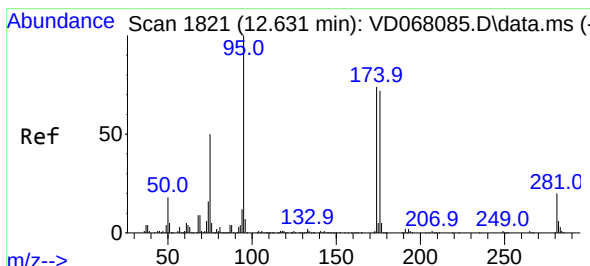
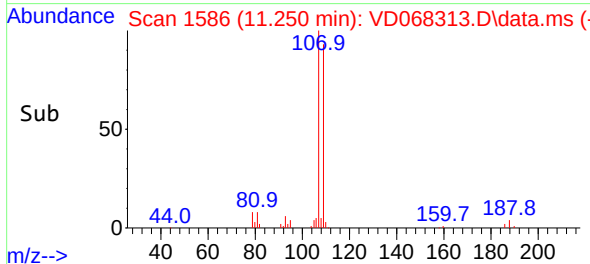
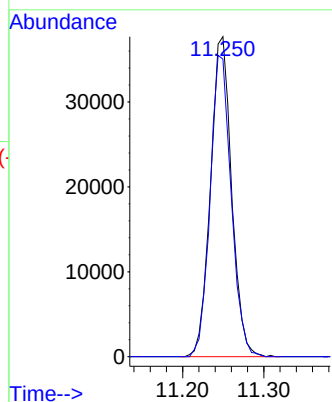
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01



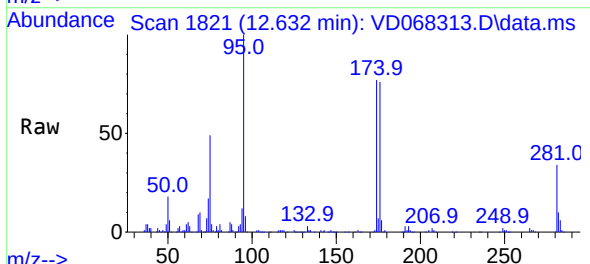
Tgt Ion:107 Resp: 67932  
Ion Ratio Lower Upper  
107 100  
109 94.1 74.8 112.2

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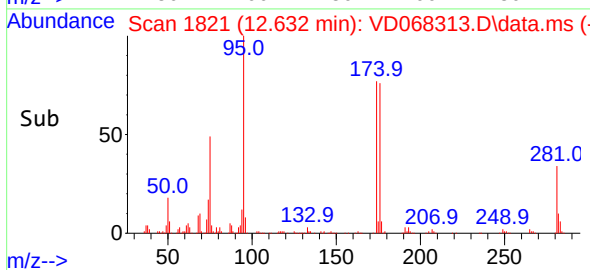
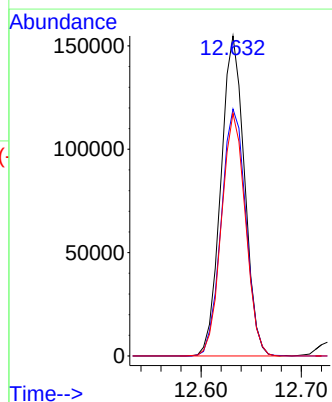
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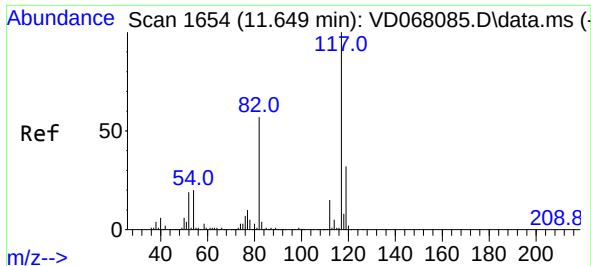


#62  
4-Bromofluorobenzene  
Concen: 46.35 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



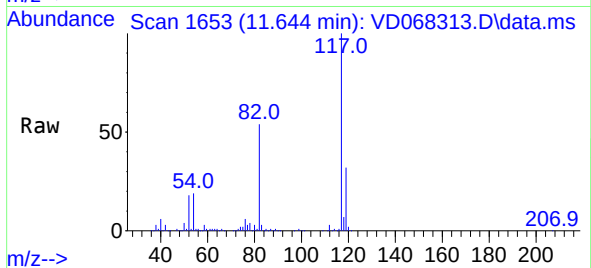
Tgt Ion: 95 Resp: 252247  
Ion Ratio Lower Upper  
95 100  
174 80.4 0.0 172.4  
176 77.0 0.0 168.4





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. -0.005 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

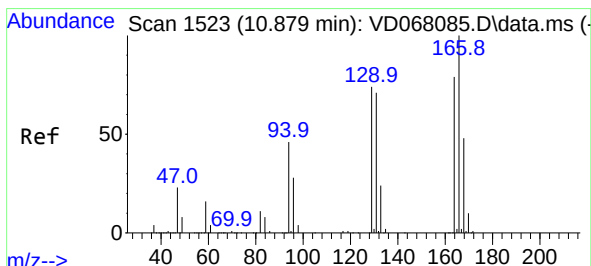
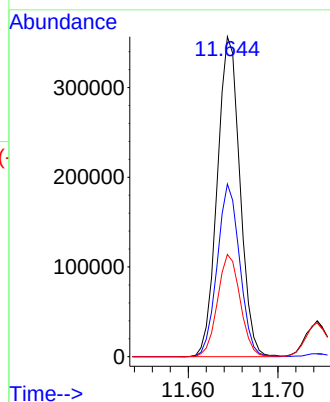
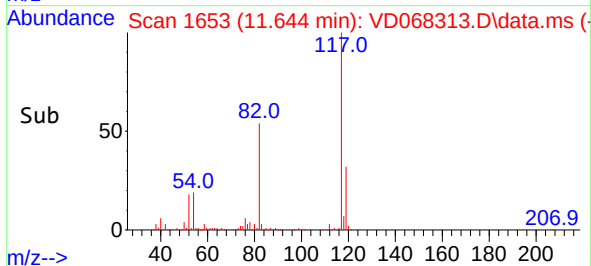
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01



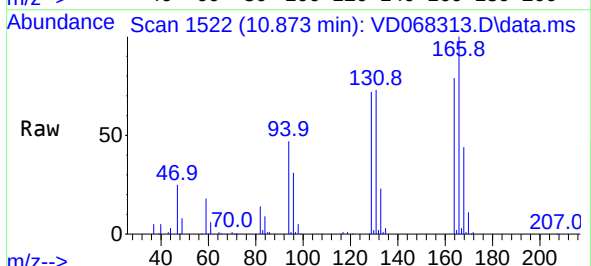
Tgt Ion:117 Resp: 625556  
Ion Ratio Lower Upper  
117 100  
82 53.9 41.4 62.0  
119 31.9 26.1 39.1

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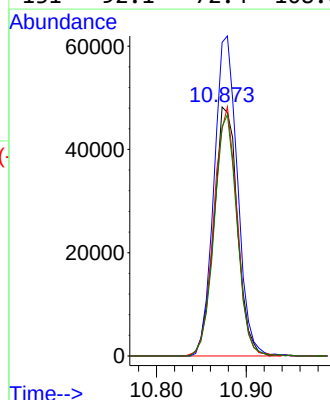
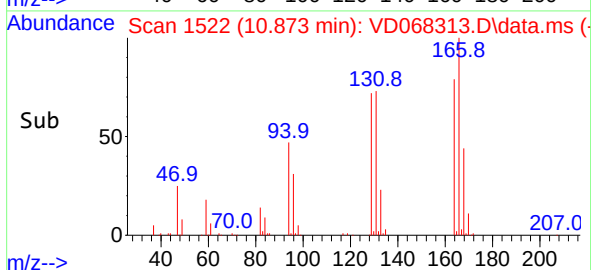
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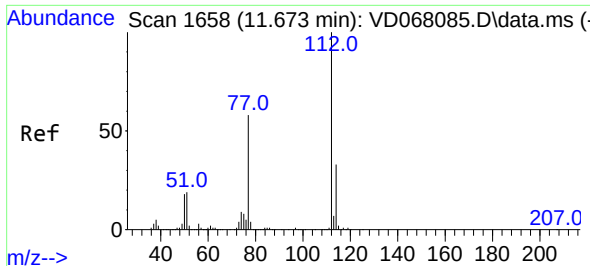


#64  
Tetrachloroethene  
Concen: 19.95 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



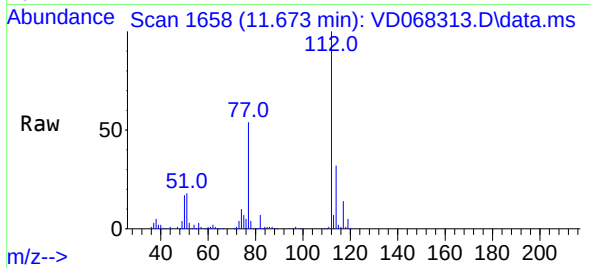
Tgt Ion:164 Resp: 87946  
Ion Ratio Lower Upper  
164 100  
166 126.0 105.5 158.3  
129 91.2 75.6 113.4  
131 92.1 72.4 108.6





#65  
Chlorobenzene  
Concen: 20.78 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

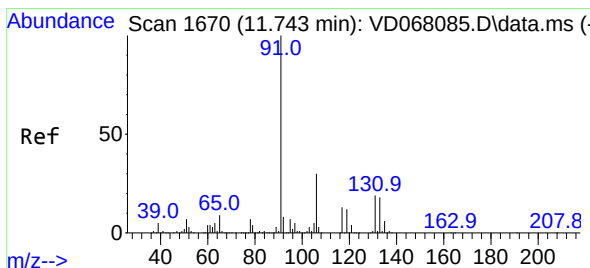
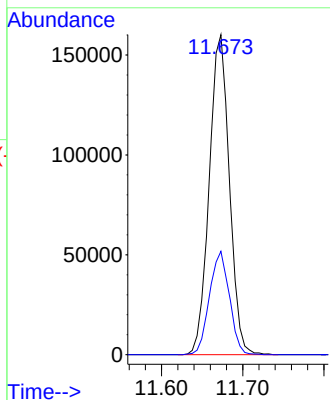
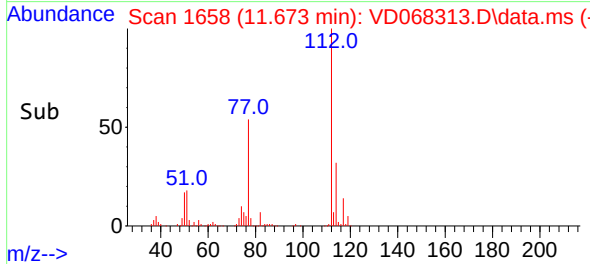
Instrument :  
MSVOA\_D  
ClientSampleId :  
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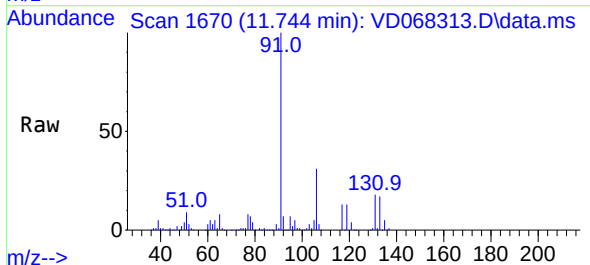
Tgt Ion:112 Resp: 276186  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.7 38.5

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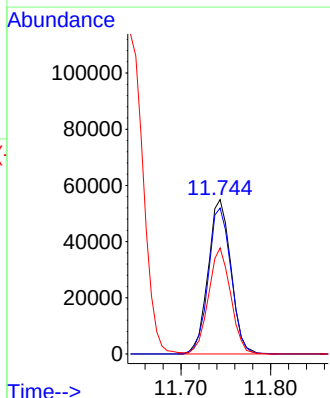
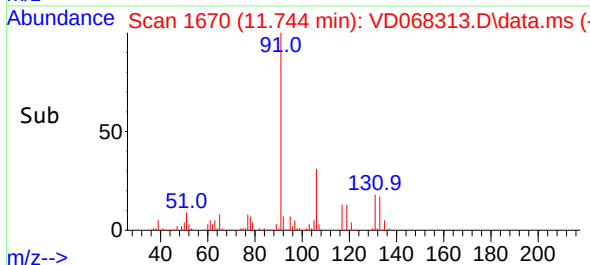
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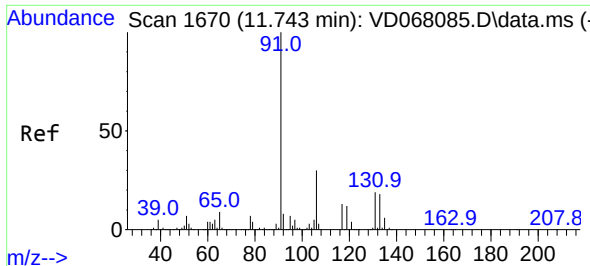


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.67 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



Tgt Ion:131 Resp: 96657  
Ion Ratio Lower Upper  
131 100  
133 94.4 48.1 144.4  
119 67.2 31.6 94.8





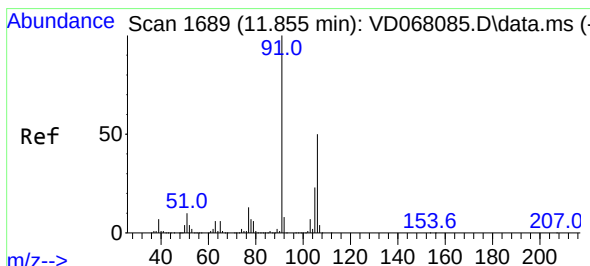
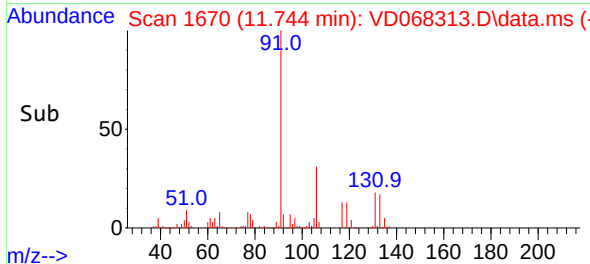
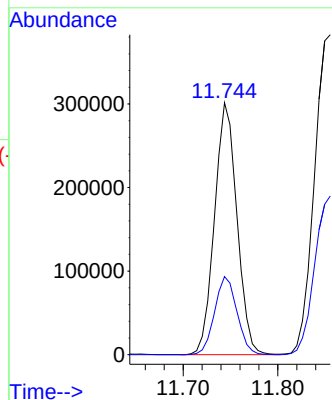
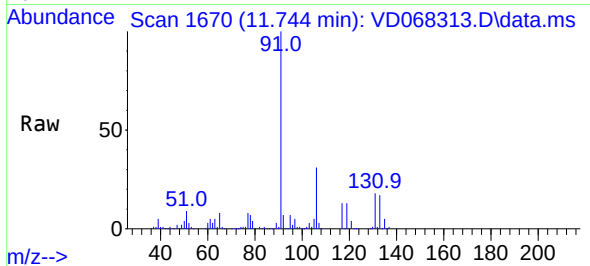
#67  
Ethyl Benzene  
Concen: 20.21 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 91 Resp: 497362  
Ion Ratio Lower Upper  
91 100  
106 31.0 25.9 38.9

Instrument :  
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ClientSampleId :  
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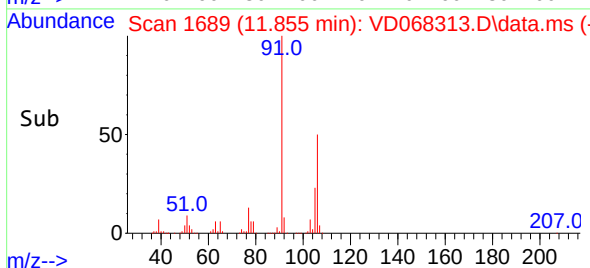
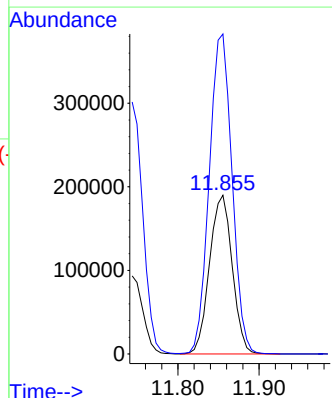
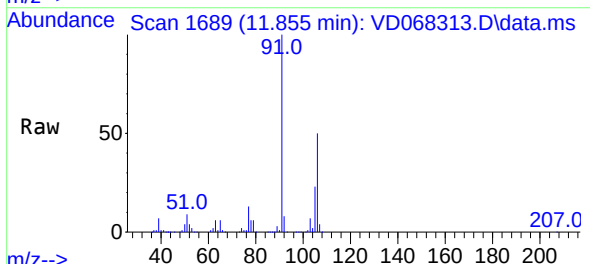
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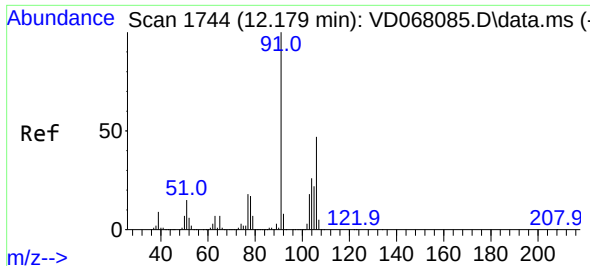
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#68  
m/p-Xylenes  
Concen: 39.75 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

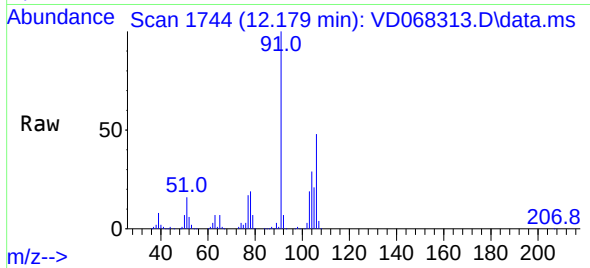
Tgt Ion: 106 Resp: 369272  
Ion Ratio Lower Upper  
106 100  
91 202.0 159.1 238.7





#69  
o-Xylene  
Concen: 20.17 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

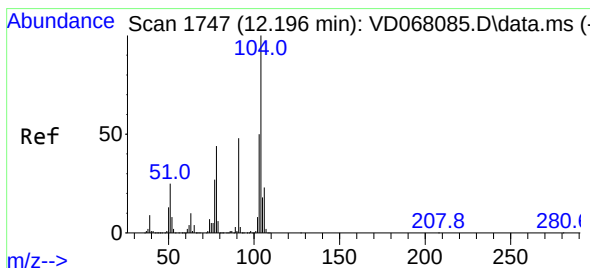
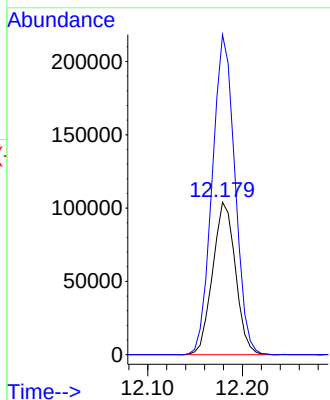
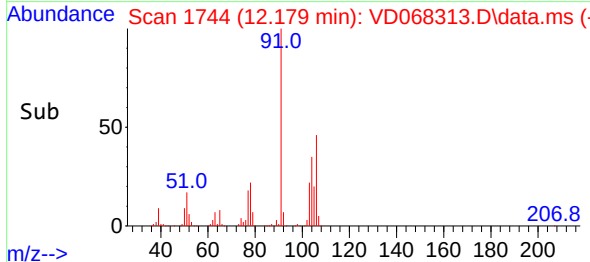
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01



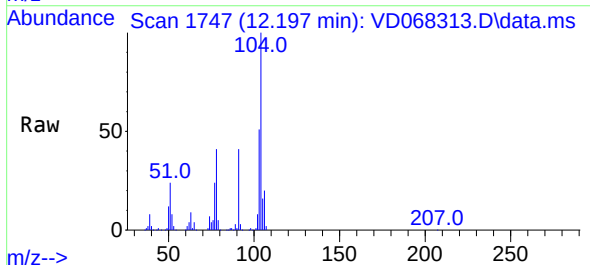
Tgt Ion:106 Resp: 174061  
Ion Ratio Lower Upper  
106 100  
91 209.0 108.7 325.9

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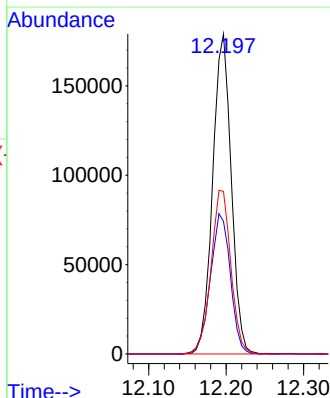
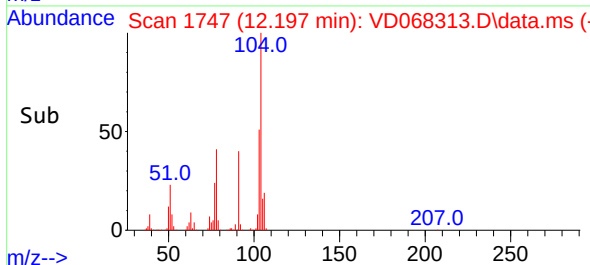
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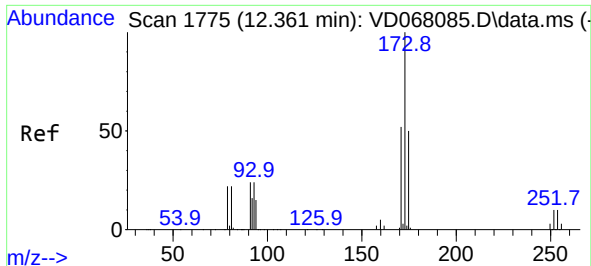


#70  
Styrene  
Concen: 20.29 ug/l  
RT: 12.197 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



Tgt Ion:104 Resp: 298810  
Ion Ratio Lower Upper  
104 100  
78 47.3 38.2 57.2  
103 54.7 43.1 64.7





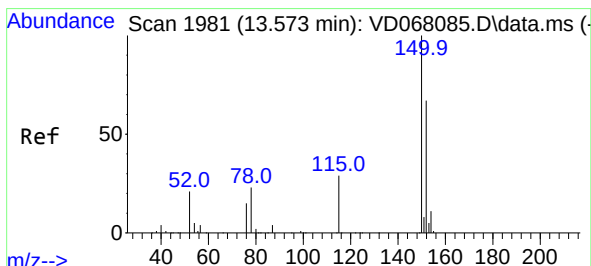
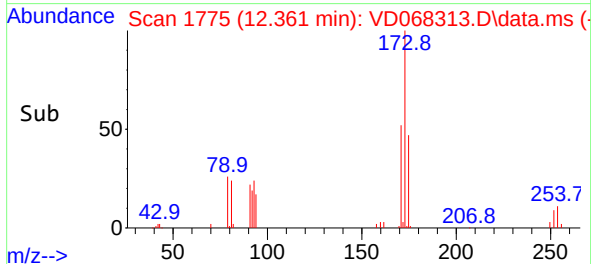
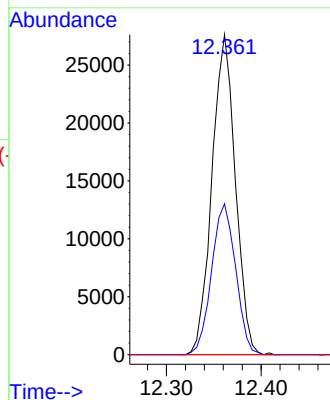
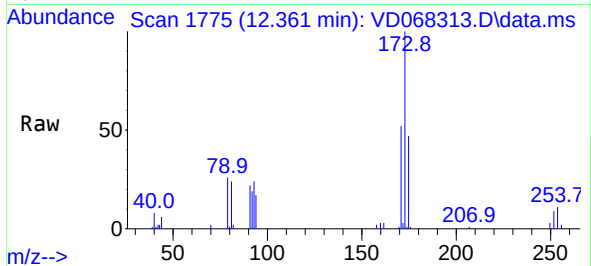
#71  
Bromoform  
Concen: 20.07 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 47556 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.5  | 24.6  | 73.8  |
| 254       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

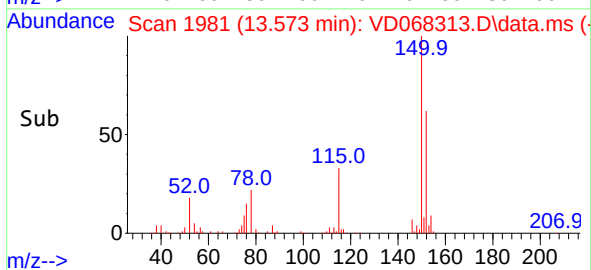
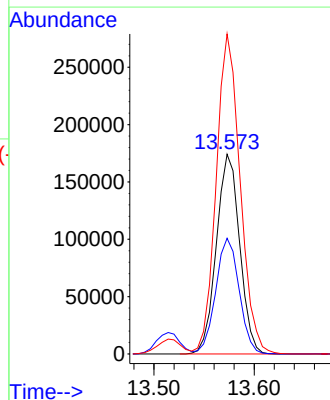
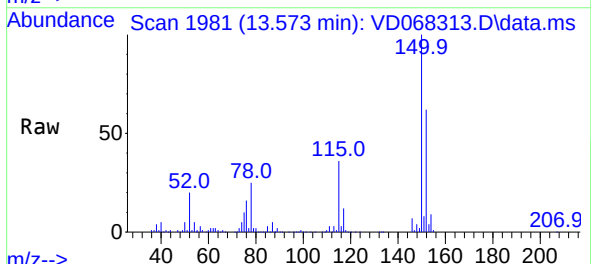
Manual Integrations  
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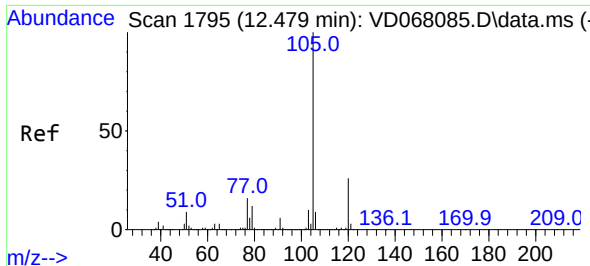


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 280589 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 58.5  | 28.9  | 86.8   |
| 150       | 165.0 | 0.0   | 344.4  |

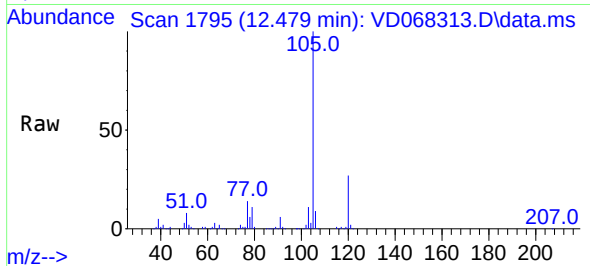






#73  
Isopropylbenzene  
Concen: 20.49 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

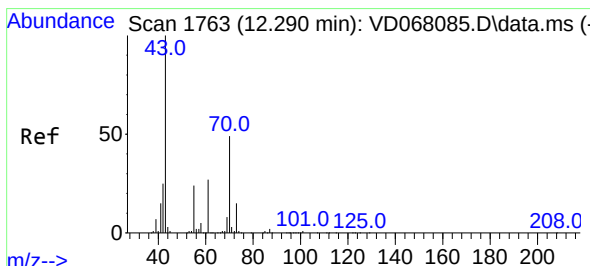
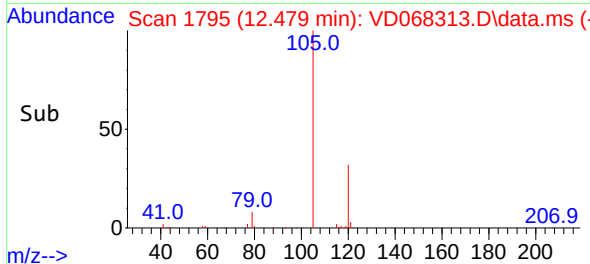
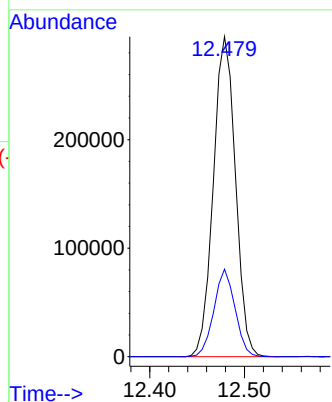
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01



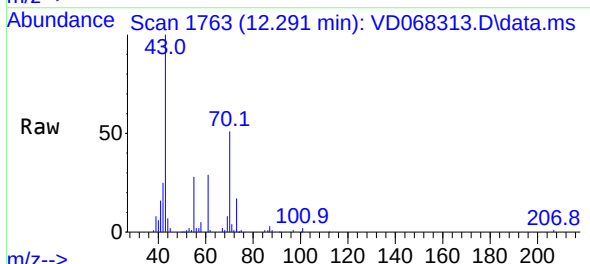
Tgt Ion: 105 Resp: 478345  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.2 39.6

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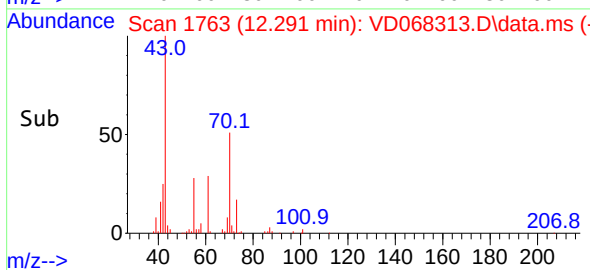
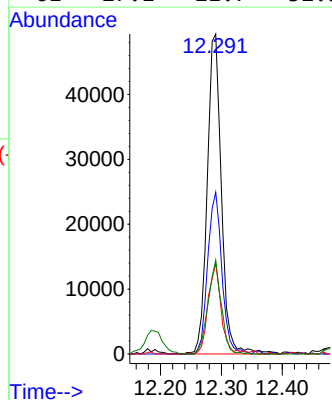
MMDadoda  
2/9/2021 9:59:50 AM

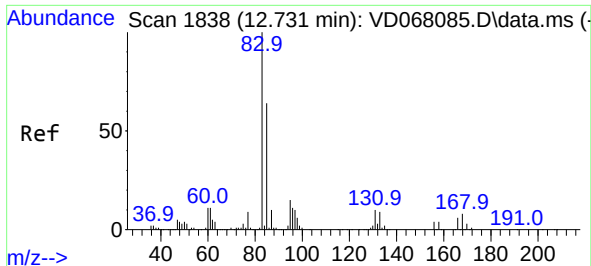


#74  
N-ethyl acetate  
Concen: 16.48 ug/l  
RT: 12.291 min Scan# 1763  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



Tgt Ion: 43 Resp: 79994  
Ion Ratio Lower Upper  
43 100  
70 50.5 41.8 62.8  
55 26.1 24.2 36.4  
61 27.1 21.7 32.5





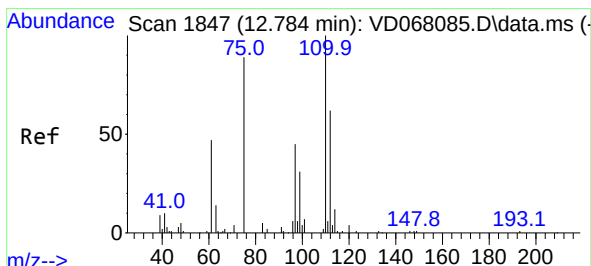
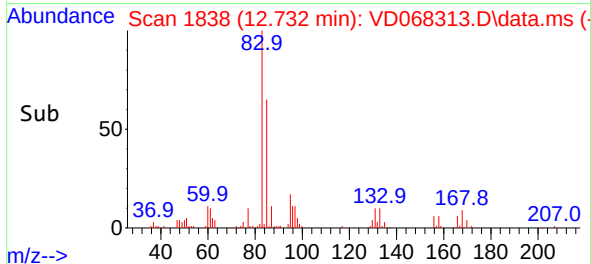
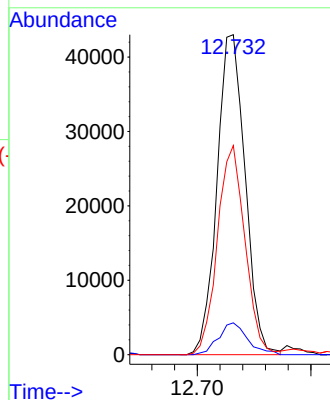
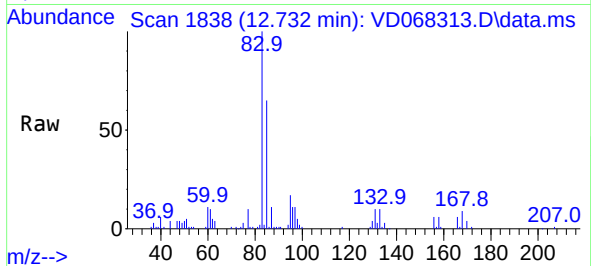
#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.92 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 83 Resp: 73989  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.8 17.4  
85 64.0 32.4 97.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

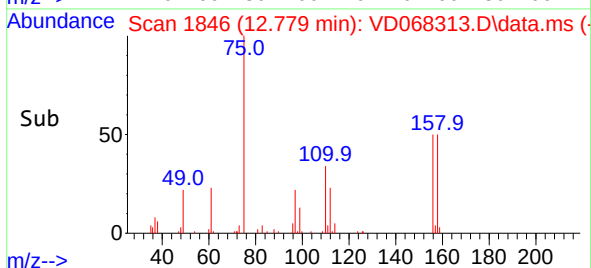
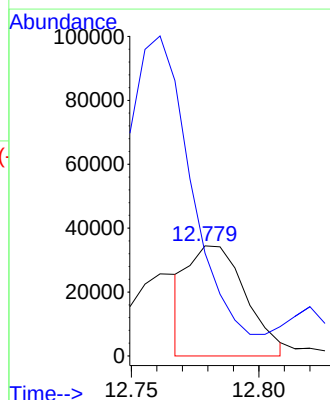
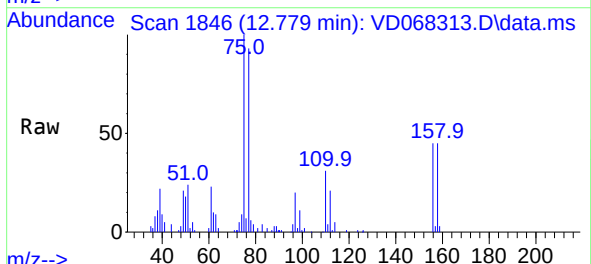
Manual Integrations  
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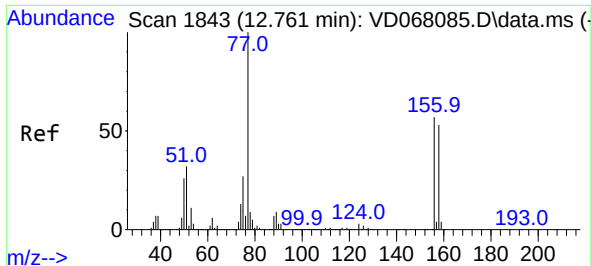
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2/9/2021 9:59:50 AM



#76  
1,2,3-Trichloropropane  
Concen: 19.95 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 75 Resp: 54134  
Ion Ratio Lower Upper  
75 100  
77 355.8 0.0 0.0#





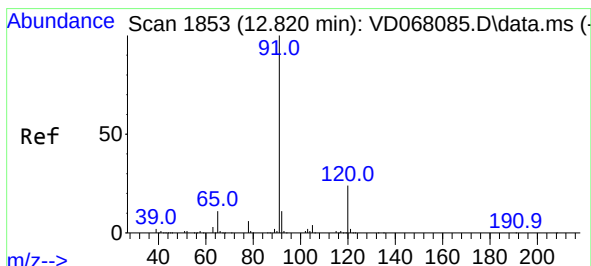
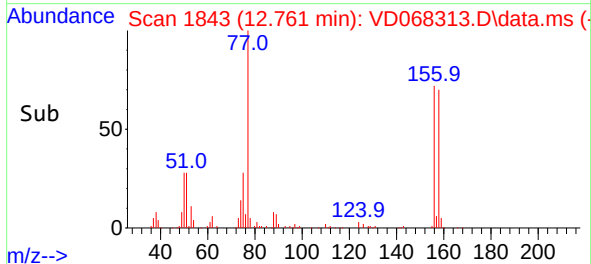
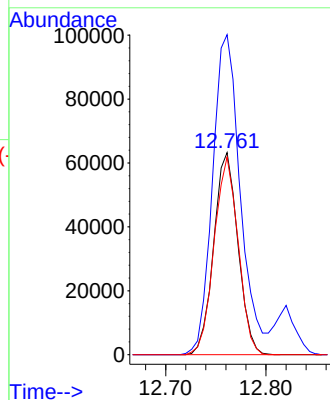
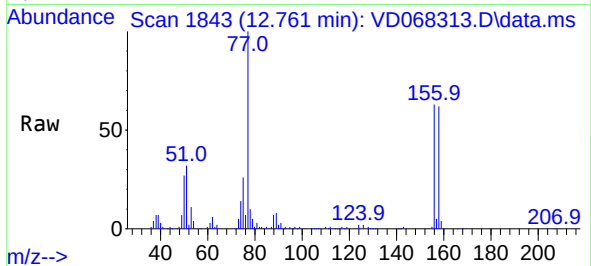
#77  
Bromobenzene  
Concen: 21.18 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion:156 Resp: 106026  
Ion Ratio Lower Upper  
156 100  
77 181.7 82.8 248.3  
158 97.1 48.0 144.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

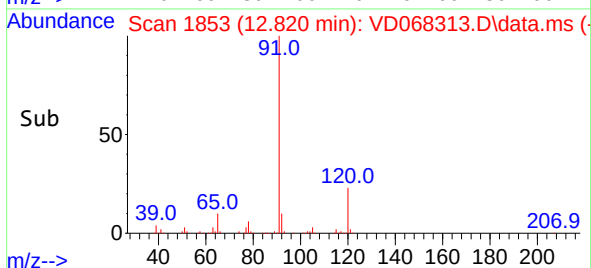
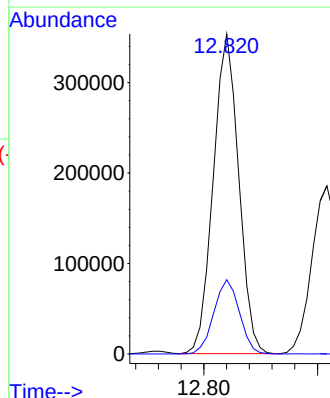
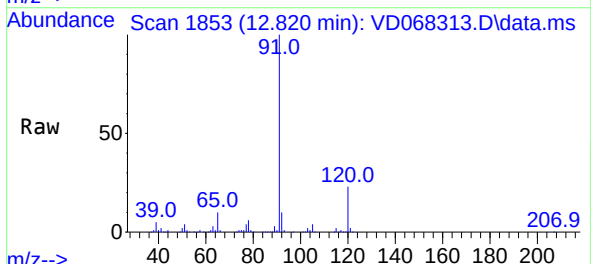
Manual Integrations  
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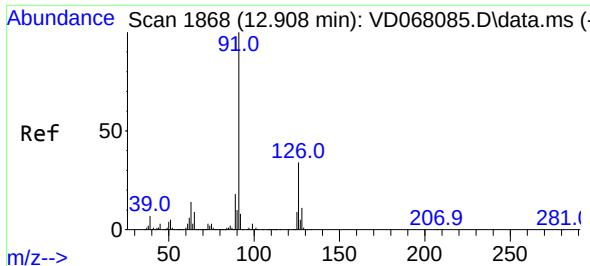
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2/9/2021 9:59:50 AM



#78  
n-propylbenzene  
Concen: 19.85 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 91 Resp: 548321  
Ion Ratio Lower Upper  
91 100  
120 23.4 12.0 36.0





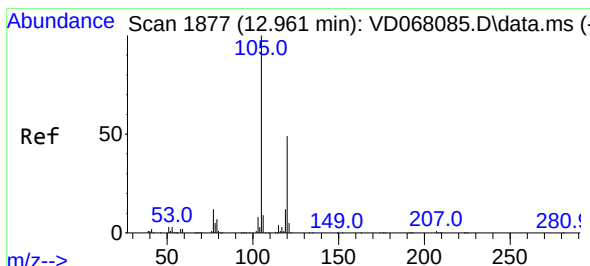
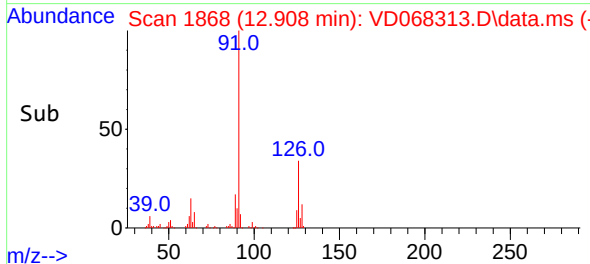
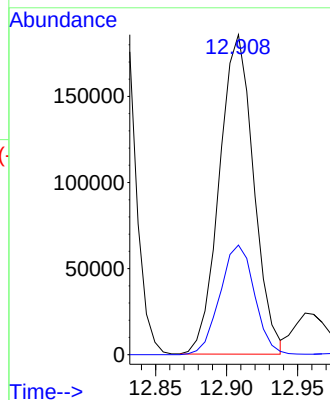
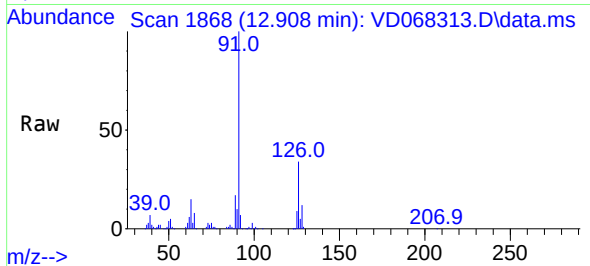
#79  
2-Chlorotoluene  
Concen: 20.10 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion: 91 Resp: 311783  
Ion Ratio Lower Upper  
91 100  
126 34.6 17.8 53.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01

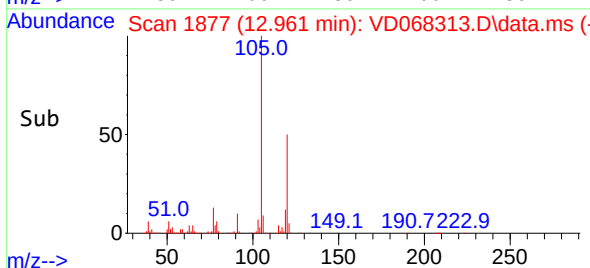
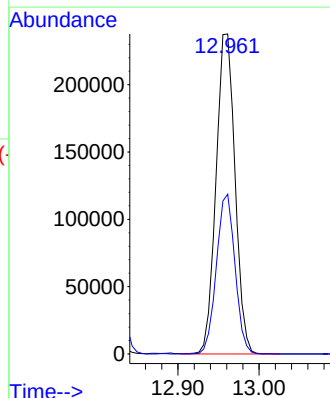
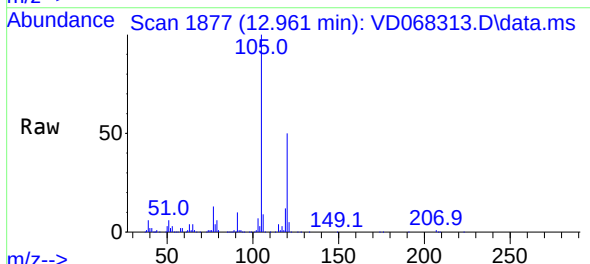
Manual Integrations  
APPROVED

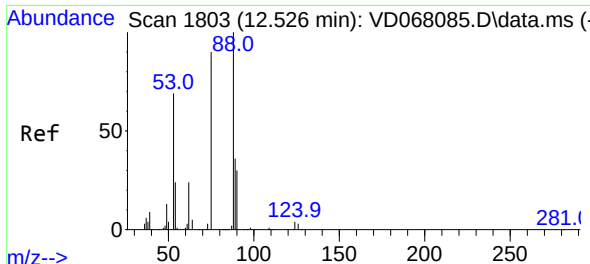
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2/9/2021 9:59:50 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 19.94 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

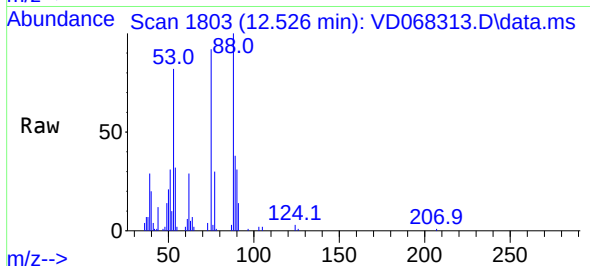
Tgt Ion: 105 Resp: 387744  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.2 72.6





#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.82 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

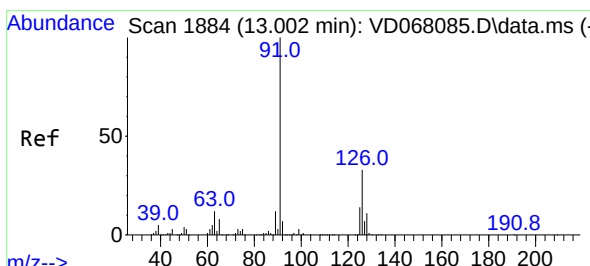
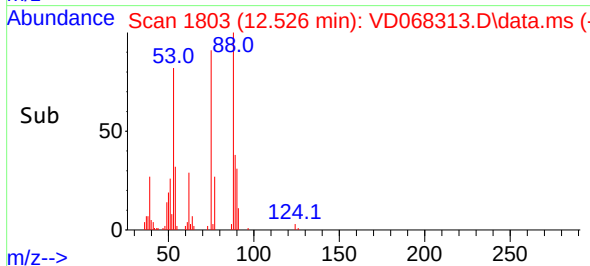
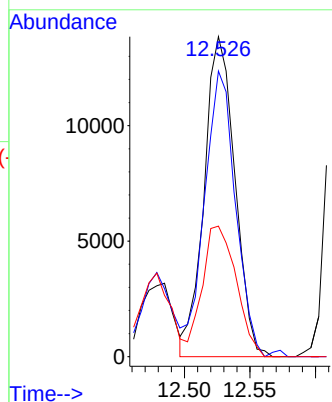
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01



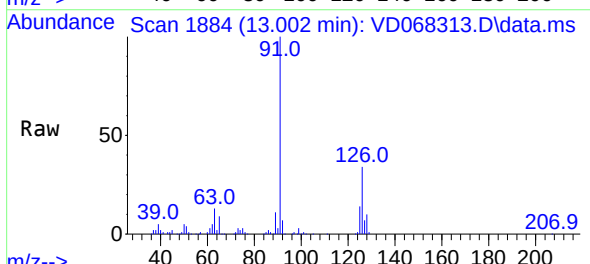
Tgt Ion: 75 Resp: 22545  
Ion Ratio Lower Upper  
75 100  
53 90.7 70.2 105.2  
89 44.7 40.3 60.5

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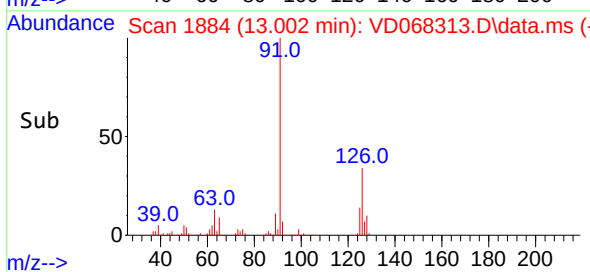
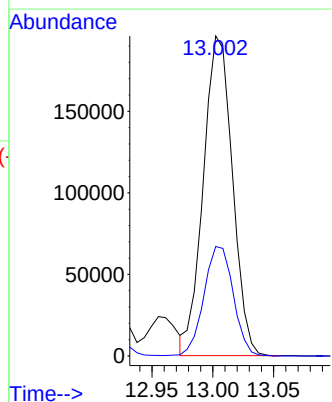
MMDadoda  
2/9/2021 9:59:50 AM

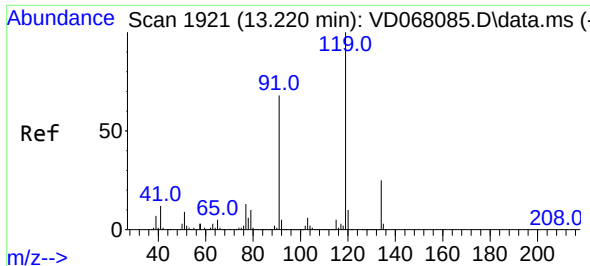


#82  
4-Chlorotoluene  
Concen: 20.22 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



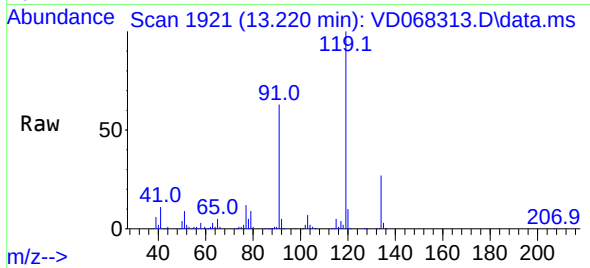
Tgt Ion: 91 Resp: 326145  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.7 53.1





#83  
tert-Butylbenzene  
Concen: 20.19 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

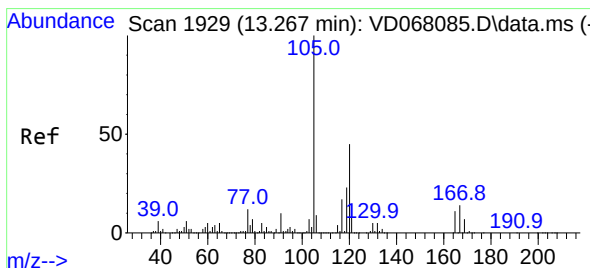
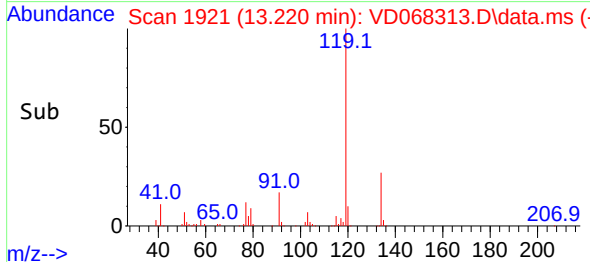
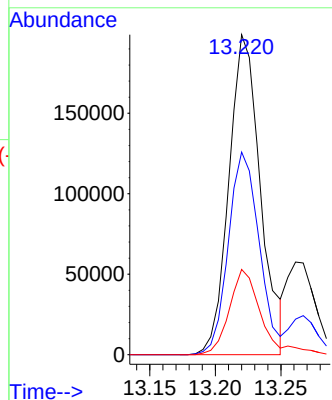
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0208SBS01



Tgt Ion:119 Resp: 332731  
Ion Ratio Lower Upper  
119 100  
91 62.0 31.1 93.5  
134 26.9 13.3 39.8

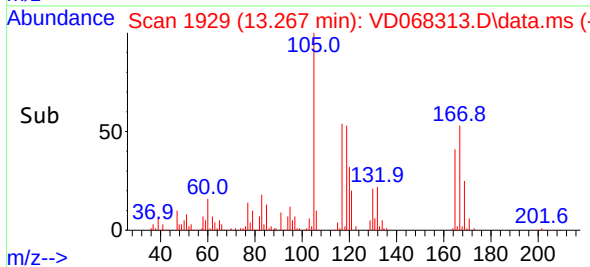
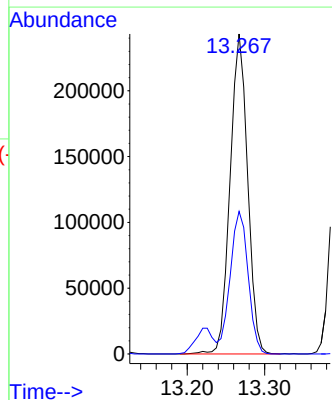
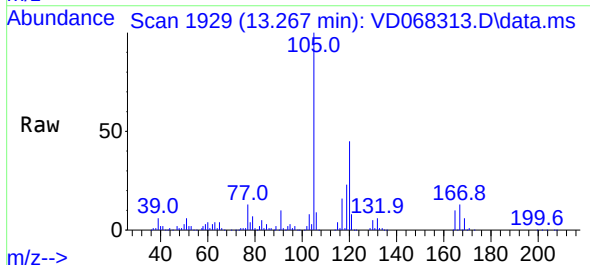
Manual Integrations  
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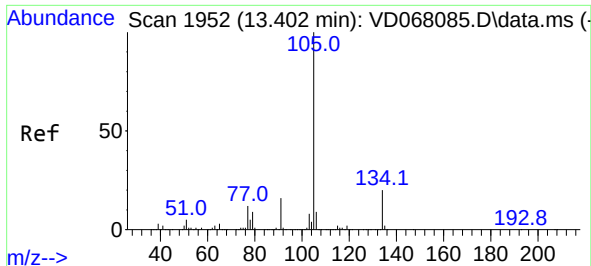
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#84  
1,2,4-Trimethylbenzene  
Concen: 19.82 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

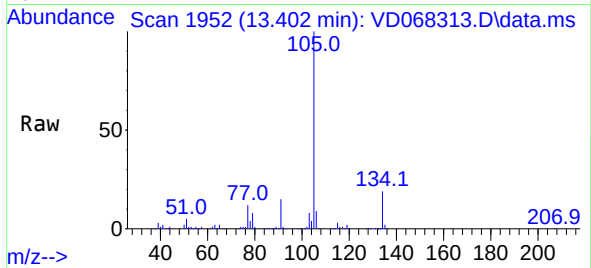
Tgt Ion:105 Resp: 382486  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.4 67.0





#85  
 sec-Butylbenzene  
 Concen: 19.70 ug/l  
 RT: 13.402 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VD068313.D  
 Acq: 08 Feb 2021 12:19

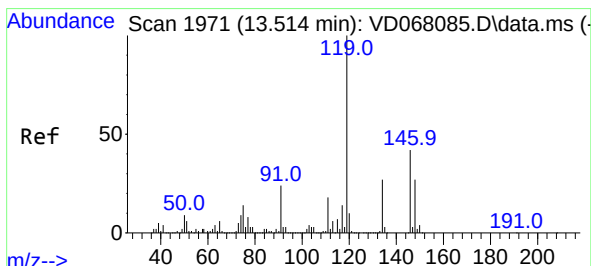
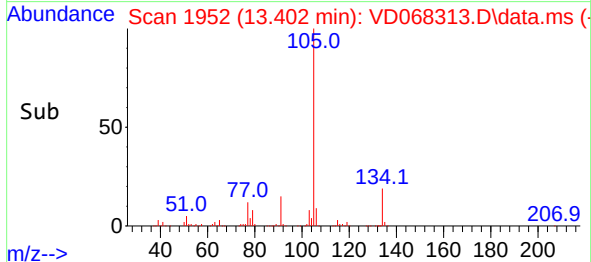
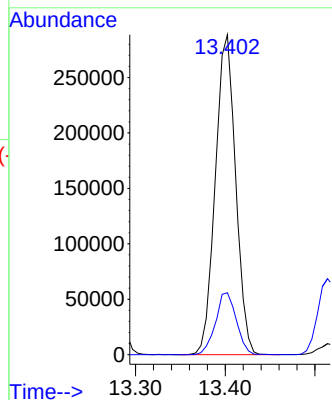
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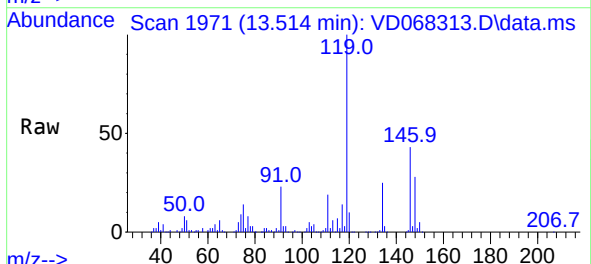
Tgt Ion:105 Resp: 454153  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 10.3 30.9

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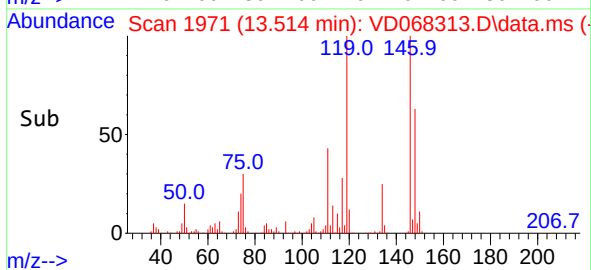
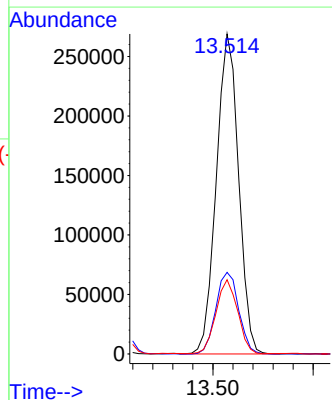
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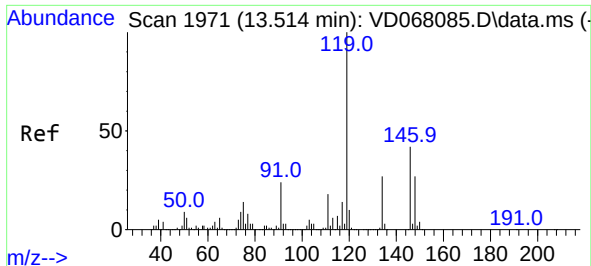


#86  
 p-Isopropyltoluene  
 Concen: 19.75 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. 0.000 min  
 Lab File: VD068313.D  
 Acq: 08 Feb 2021 12:19

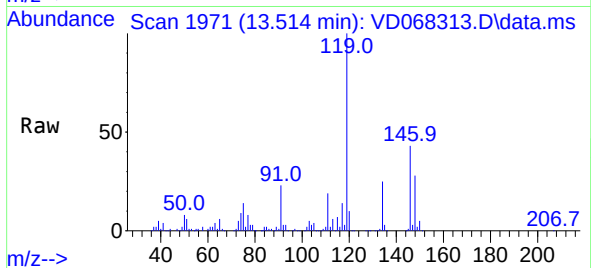


Tgt Ion:119 Resp: 414047  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.7  
 91 22.5 11.7 35.0

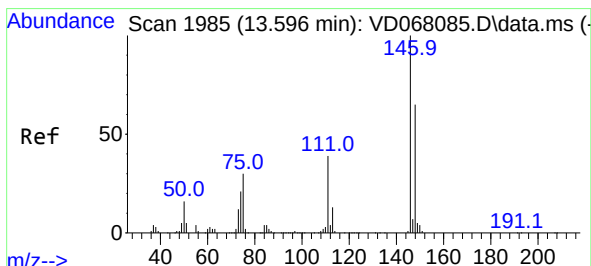
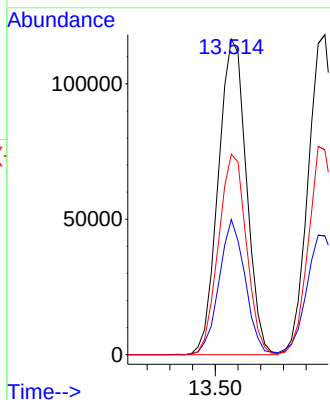
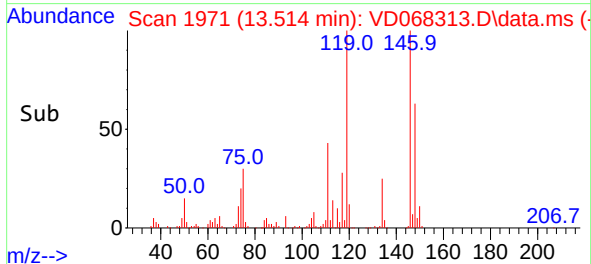




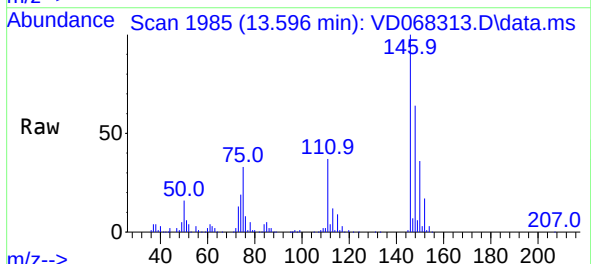
#87  
1,3-Dichlorobenzene  
Concen: 20.81 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



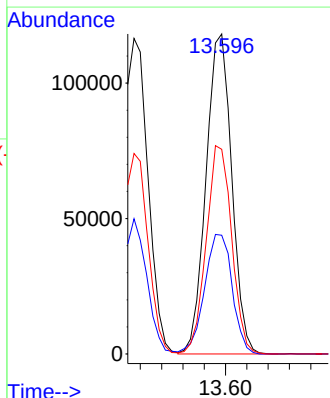
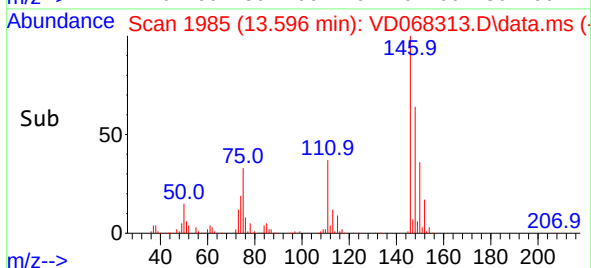
Tgt Ion:146 Resp: 200258  
Ion Ratio Lower Upper  
146 100  
111 40.0 19.5 58.5  
148 63.1 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 20.90 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19



Tgt Ion:146 Resp: 198177  
Ion Ratio Lower Upper  
146 100  
111 40.2 19.1 57.1  
148 64.5 31.9 95.7

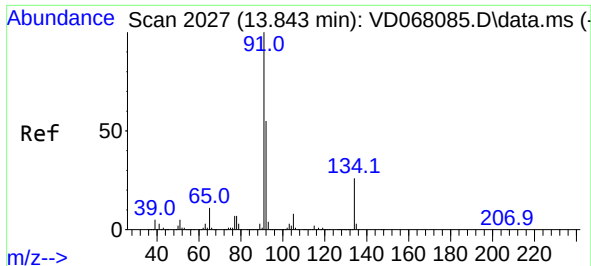


Instrument :  
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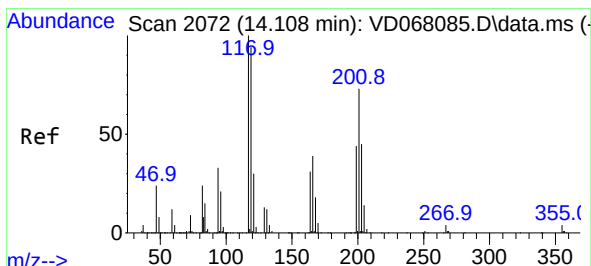
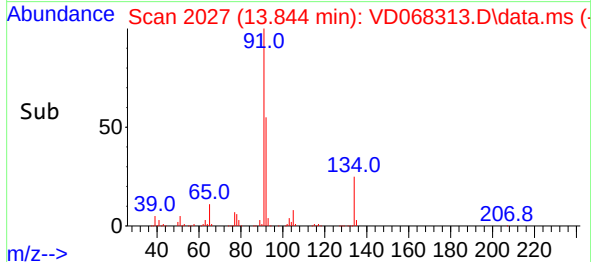
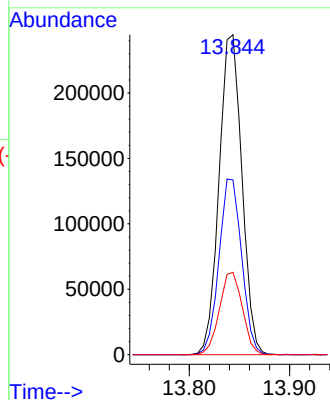
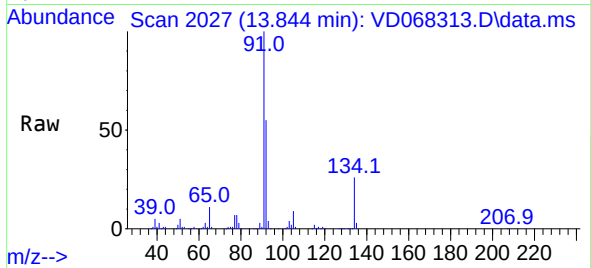
#89  
n-Butylbenzene  
Concen: 19.20 ug/l  
RT: 13.844 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 386279 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 54.6  | 27.2  | 81.6   |
| 134      | 25.9  | 13.9  | 41.7   |

Instrument :  
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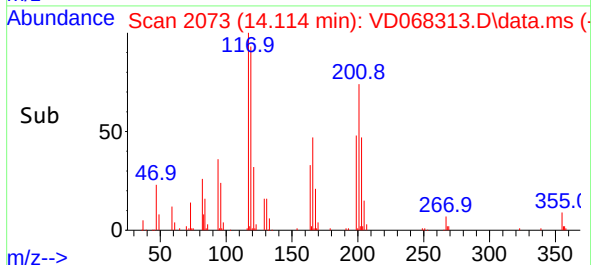
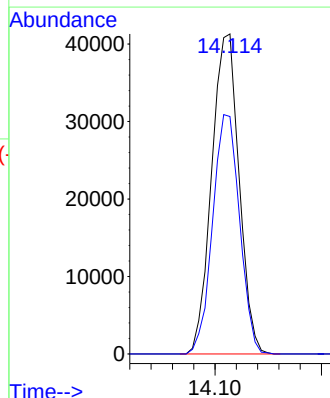
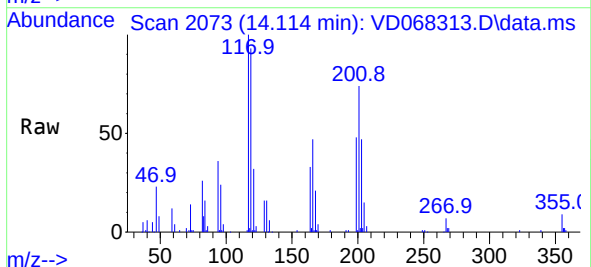
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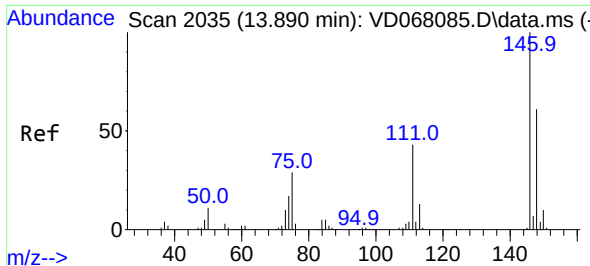
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#90  
Hexachloroethane  
Concen: 19.50 ug/l  
RT: 14.114 min Scan# 2073  
Delta R.T. 0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 73856 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 73.5  | 39.5  | 118.5 |





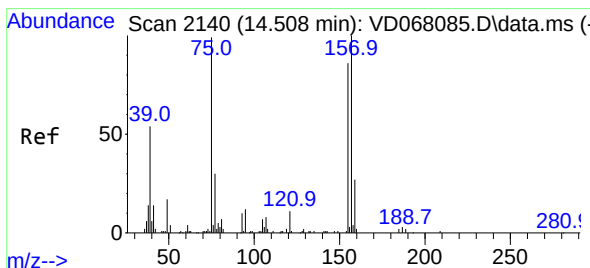
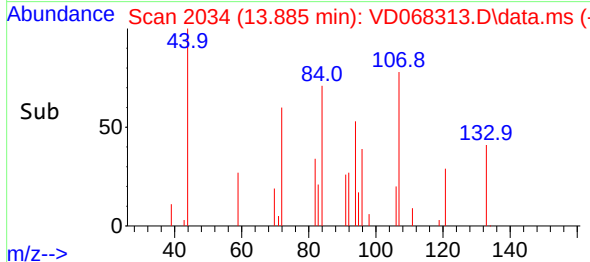
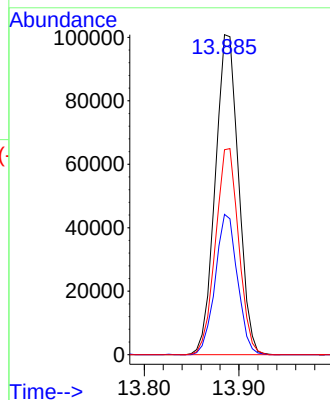
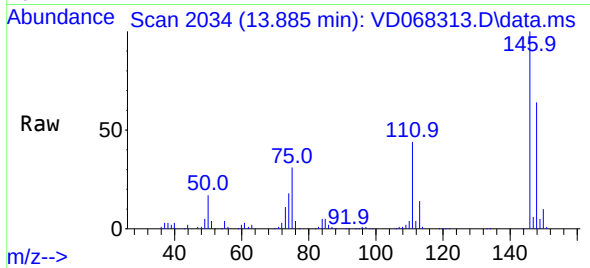
#91  
1,2-Dichlorobenzene  
Concen: 20.89 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
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Tgt Ion:146 Resp: 172179  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.3 60.9  
148 64.4 31.7 95.1

Instrument :  
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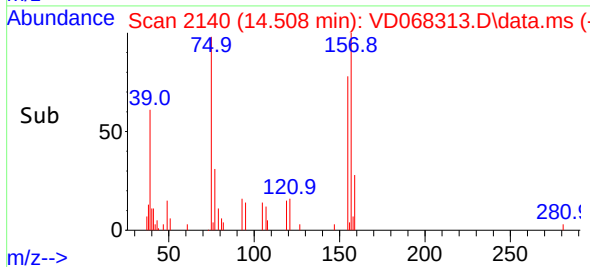
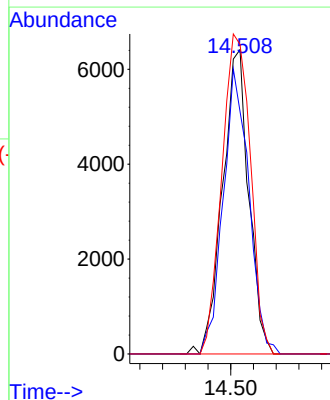
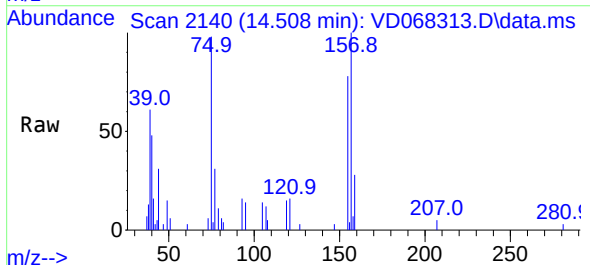
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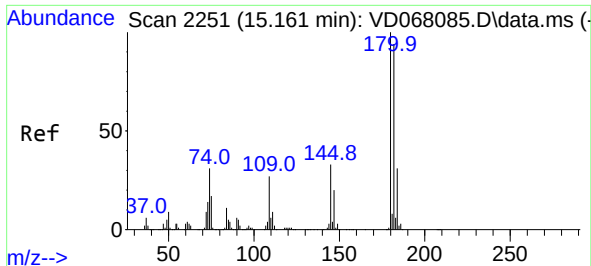
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.89 ug/l  
RT: 14.508 min Scan# 2140  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
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Tgt Ion: 75 Resp: 10268  
Ion Ratio Lower Upper  
75 100  
155 92.2 48.0 144.2  
157 114.8 65.0 194.8





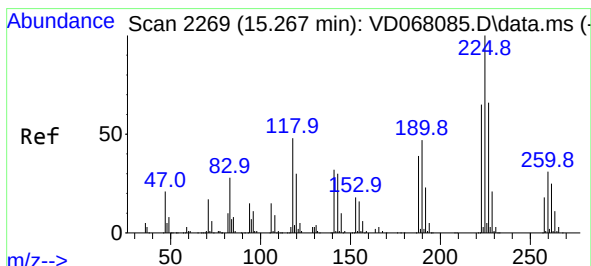
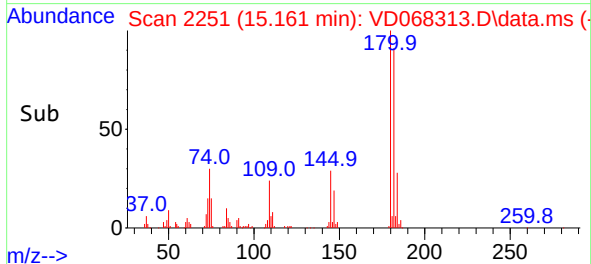
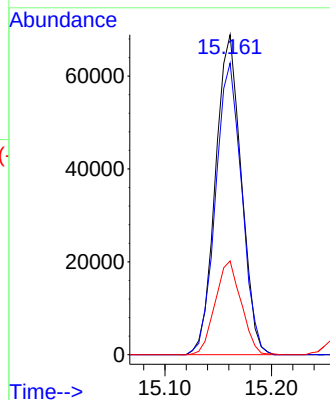
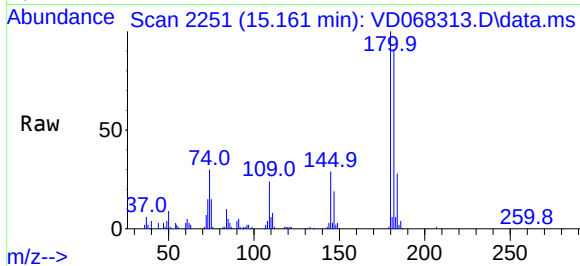
#93  
1,2,4-Trichlorobenzene  
Concen: 20.52 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
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Tgt Ion:180 Resp: 115958  
Ion Ratio Lower Upper  
180 100  
182 92.3 46.8 140.4  
145 29.5 15.2 45.5

Instrument :  
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ClientSampleId :  
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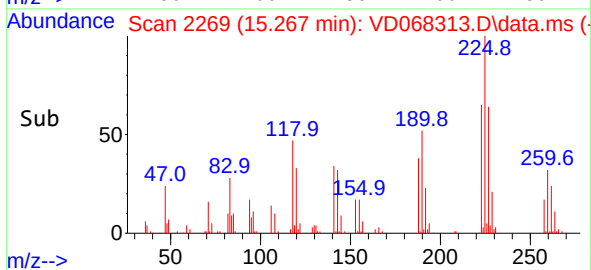
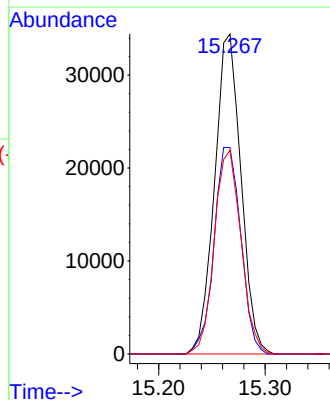
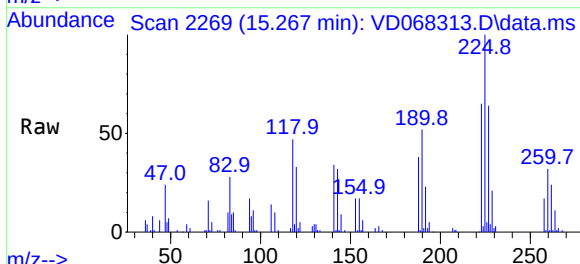
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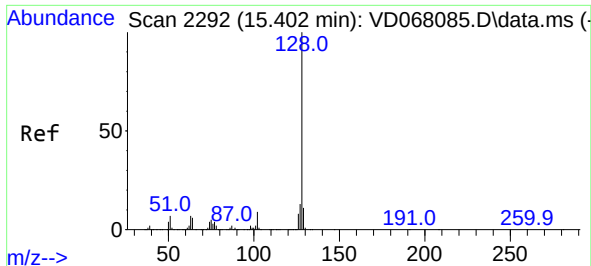
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#94  
Hexachlorobutadiene  
Concen: 18.95 ug/l  
RT: 15.267 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion:225 Resp: 59378  
Ion Ratio Lower Upper  
225 100  
223 65.2 31.9 95.5  
227 64.2 32.1 96.5





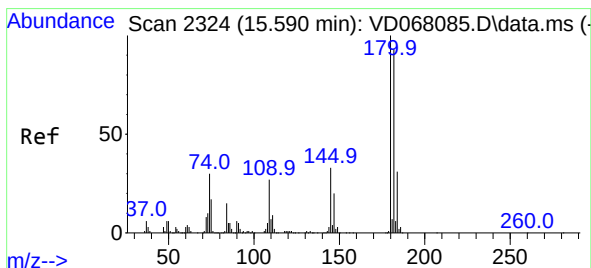
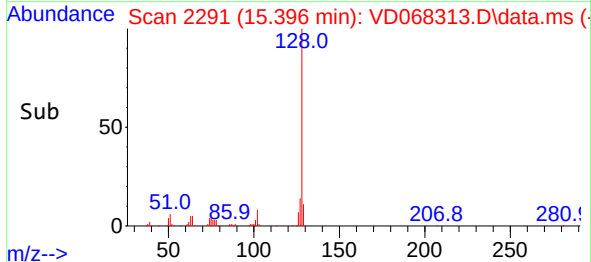
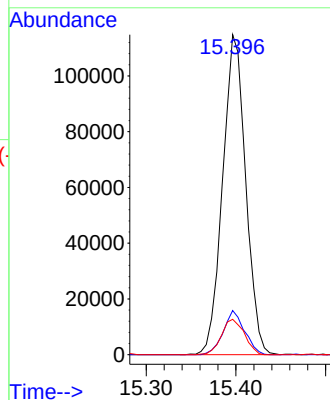
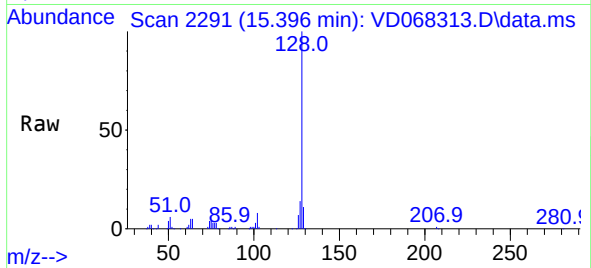
#95  
Naphthalene  
Concen: 19.32 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. -0.006 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion:128 Resp: 204699  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 11.0 8.8 13.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
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#96  
1,2,3-Trichlorobenzene  
Concen: 19.93 ug/l  
RT: 15.590 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VD068313.D  
Acq: 08 Feb 2021 12:19

Tgt Ion:180 Resp: 95028  
Ion Ratio Lower Upper  
180 100  
182 95.2 48.3 144.8  
145 33.1 16.7 50.1

