

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042821\  
 Data File : VD068999.D  
 Acq On : 28 Apr 2021 12:40  
 Operator : VA/SY  
 Sample : VD0428SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0428SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 4/29/2021 5:51:33 PM

Quant Time: Apr 29 06:30:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 08 03:50:31 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                        |                |      |                    |        |        |          |
| Internal Standards           |                |      |                    |        |        |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 261879             | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861          | 114  | 422842             | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.644         | 117  | 400671             | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.573         | 152  | 200920             | 50.00  | ug/l   | 0.00     |
|                              |                |      |                    |        |        |          |
| System Monitoring Compounds  |                |      |                    |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 132295             | 47.80  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 95.60%  |        |        |          |
| 35) Dibromofluoromethane     | 7.914          | 113  | 148929             | 54.15  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 108.30% |        |        |          |
| 50) Toluene-d8               | 10.338         | 98   | 543761             | 52.41  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 104.82% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.632         | 95   | 182435             | 52.94  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 105.88% |        |        |          |
|                              |                |      |                    |        |        |          |
| Target Compounds             |                |      |                    |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 52316              | 20.16  | ug/l   | 88       |
| 3) Chloromethane             | 2.209          | 50   | 57000              | 18.68  | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.350          | 62   | 79122              | 20.65  | ug/l   | 98       |
| 5) Bromomethane              | 2.750          | 94   | 63598              | 22.20  | ug/l   | 99       |
| 6) Chloroethane              | 2.915          | 64   | 55301              | 21.96  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.268          | 101  | 95921              | 21.27  | ug/l   | 98       |
| 8) Diethyl Ether             | 3.709          | 74   | 26231              | 21.54  | ug/l   | 89       |
| 9) 1,1,2-Trichlorotrifluo... | 4.091          | 101  | 58972              | 21.67  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.297          | 142  | 50799              | 17.48  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.232          | 59   | 17879              | 104.28 | ug/l # | 73       |
| 12) 1,1-Dichloroethene       | 4.068          | 96   | 53508              | 20.41  | ug/l   | 98       |
| 13) Acrolein                 | 3.915          | 56   | 7767               | 71.30  | ug/l   | 90       |
| 14) Allyl chloride           | 4.709          | 41   | 51852              | 17.55  | ug/l   | 93       |
| 15) Acrylonitrile            | 5.426          | 53   | 51577              | 94.37  | ug/l   | 97       |
| 16) Acetone                  | 4.156          | 43   | 42370              | 110.55 | ug/l   | 94       |
| 17) Carbon Disulfide         | 4.409          | 76   | 158504             | 18.68  | ug/l   | 97       |
| 18) Methyl Acetate           | 4.715          | 43   | 20579              | 19.55  | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.473          | 73   | 109387             | 18.81  | ug/l   | 97       |
| 20) Methylene Chloride       | 4.962          | 84   | 82168              | 23.96  | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 5.467          | 96   | 63896              | 18.98  | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.362          | 45   | 126945             | 17.74  | ug/l   | 89       |
| 23) Vinyl Acetate            | 6.309          | 43   | 339212             | 89.42  | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 6.267          | 63   | 103224             | 19.13  | ug/l   | 96       |
| 25) 2-Butanone               | 7.214          | 43   | 58538              | 107.94 | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.209          | 77   | 90793              | 20.60  | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.209          | 96   | 72748              | 21.75  | ug/l   | 95       |
| 28) Bromochloromethane       | 7.544          | 49   | 32462              | 16.66  | ug/l   | 88       |
| 29) Tetrahydrofuran          | 7.573          | 42   | 33274              | 91.23  | ug/l   | 91       |
| 30) Chloroform               | 7.709          | 83   | 114249             | 19.34  | ug/l   | 99       |
| 31) Cyclohexane              | 7.985          | 56   | 81503              | 17.70  | ug/l   | 88       |
| 32) 1,1,1-Trichloroethane    | 7.903          | 97   | 100164             | 19.41  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 83781              | 19.57  | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.297          | 43   | 25418              | 20.22  | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 91612              | 21.62  | ug/l   | 100      |
| 39) Methylcyclohexane        | 9.356          | 83   | 98315              | 19.70  | ug/l   | 97       |
| 40) Benzene                  | 8.356          | 78   | 248839             | 19.87  | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042821\  
 Data File : VD068999.D  
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 Operator : VA/SY  
 Sample : VD0428SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0428SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 4/29/2021 5:51:33 PM

Quant Time: Apr 29 06:30:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 08 03:50:31 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.544  | 41   | 17707m   | 23.79  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.432  | 62   | 67983    | 20.53  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.456  | 43   | 51221    | 19.99  | ug/l   | 97       |
| 44) Trichloroethene           | 9.114  | 130  | 73683    | 21.30  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 57898    | 19.35  | ug/l   | 97       |
| 46) Dibromomethane            | 9.473  | 93   | 36551    | 21.93  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.661  | 83   | 91206    | 20.95  | ug/l   | 92       |
| 48) Methyl methacrylate       | 9.456  | 41   | 21791    | 17.25  | ug/l # | 72       |
| 49) 1,4-Dioxane               | 9.456  | 88   | 7897     | 447.59 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 131578   | 101.86 | ug/l   | 100      |
| 52) Toluene                   | 10.403 | 92   | 163813   | 20.66  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 82151    | 21.29  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 92647    | 20.07  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 51380    | 21.81  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 47934    | 19.76  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.944 | 76   | 78890    | 20.33  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 107626   | 94.67  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.985 | 43   | 88098    | 101.93 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.138 | 129  | 65011    | 22.00  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 48678    | 21.26  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.873 | 164  | 62418    | 22.22  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.667 | 112  | 180967   | 20.86  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 67008    | 21.49  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.744 | 91   | 300584   | 20.01  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.855 | 106  | 238125   | 41.09  | ug/l   | 98       |
| 69) o-Xylene                  | 12.179 | 106  | 108696   | 20.63  | ug/l   | 96       |
| 70) Styrene                   | 12.191 | 104  | 193424   | 21.06  | ug/l   | 99       |
| 71) Bromoform                 | 12.361 | 173  | 38001    | 22.75  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.479 | 105  | 292422   | 19.93  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.285 | 43   | 45241    | 18.18  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 57160    | 20.85  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 36608m   | 19.94  | ug/l   |          |
| 77) Bromobenzene              | 12.761 | 156  | 72233    | 20.48  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.814 | 91   | 350637   | 19.68  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 198264   | 19.92  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 247282   | 20.16  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 16388    | 20.72  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 207145   | 19.63  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 202061   | 19.42  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 248876   | 20.09  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 291395   | 19.84  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 270754   | 20.19  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 143915   | 20.60  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.591 | 146  | 140827   | 20.36  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.838 | 91   | 247448   | 19.59  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.102 | 117  | 55921    | 20.93  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 124956   | 20.67  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 7723     | 18.53  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 80359    | 21.48  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 45667    | 21.32  | ug/l   | 98       |
| 95) Naphthalene               | 15.396 | 128  | 129248   | 19.83  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.585 | 180  | 69263    | 21.17  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042821\  
Data File : VD068999.D  
Acq On : 28 Apr 2021 12:40  
Operator : VA/SY  
Sample : VD0428SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

Manual Integrations  
APPROVED

MMDadoda  
4/29/2021 5:51:33 PM

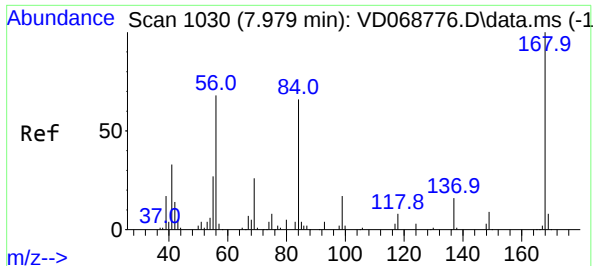
Quant Time: Apr 29 06:30:29 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 08 03:50:31 2021  
Response via : Initial Calibration

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

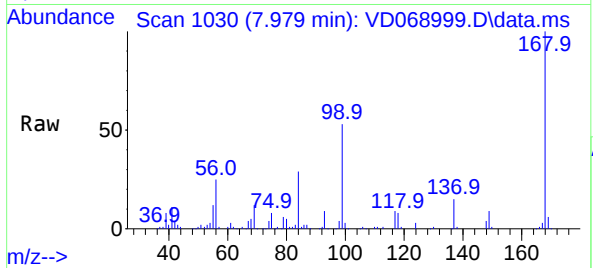
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

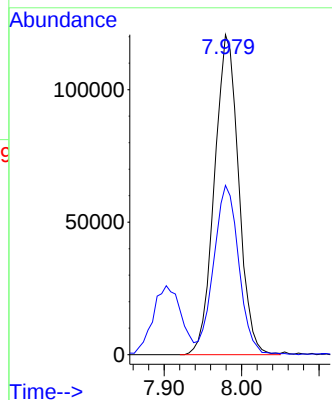




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



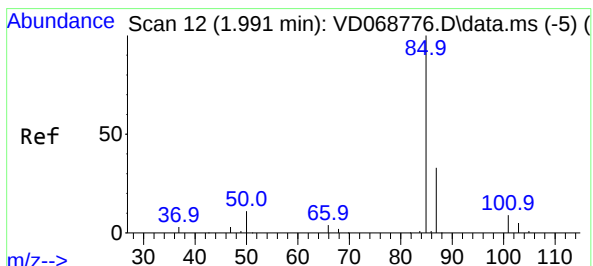
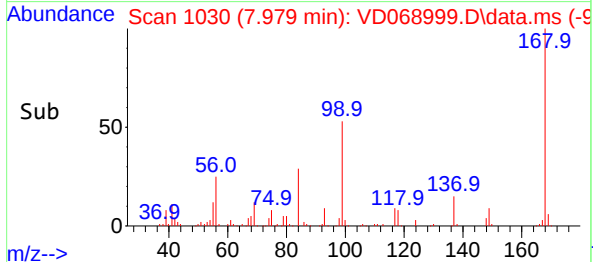
Tgt Ion: 168 Resp: 261879  
Ion Ratio Lower Upper  
168 100  
99 52.6 46.2 69.2



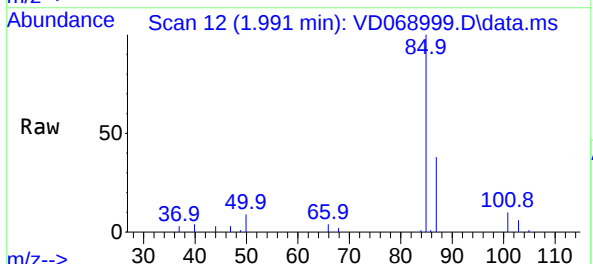
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

Manual Integrations  
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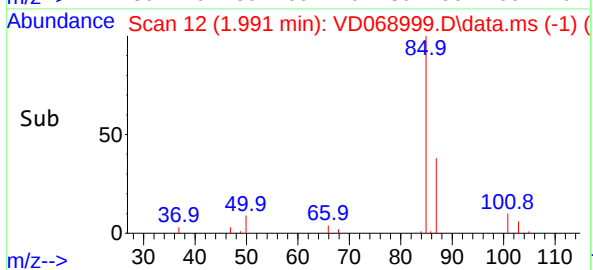
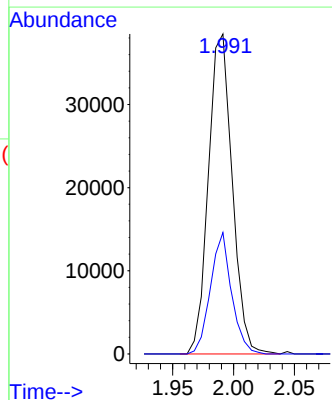
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4/29/2021 5:51:33 PM



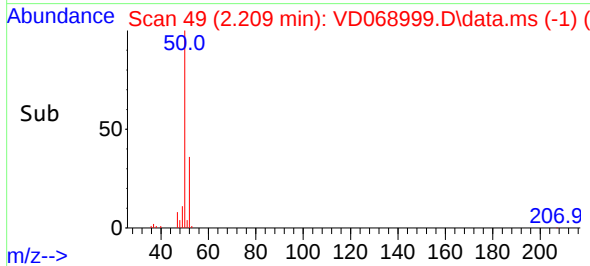
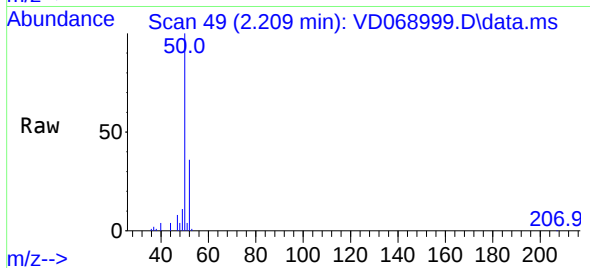
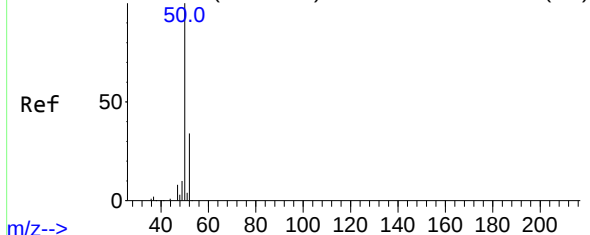
#2  
Dichlorodifluoromethane  
Concen: 20.16 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



Tgt Ion: 85 Resp: 52316  
Ion Ratio Lower Upper  
85 100  
87 38.0 15.7 47.0

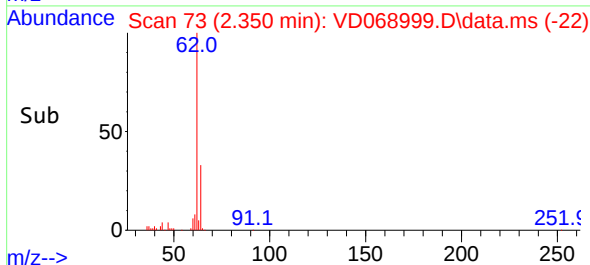
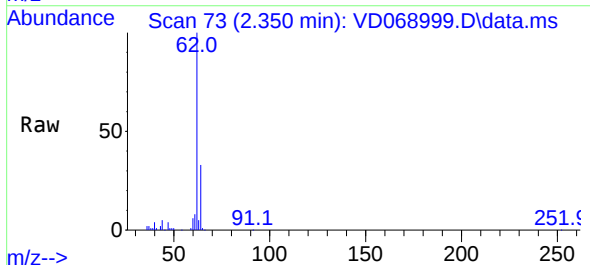
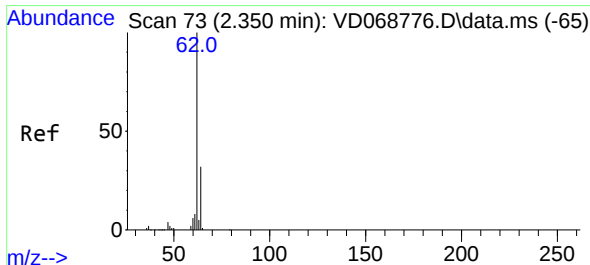
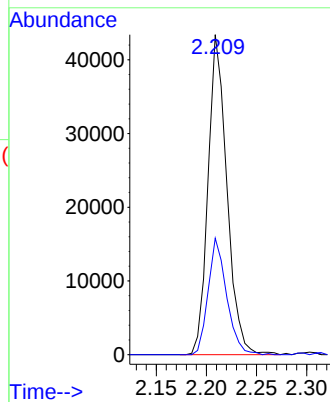


Abundance Scan 49 (2.209 min): VD068776.D\data.ms (-43)



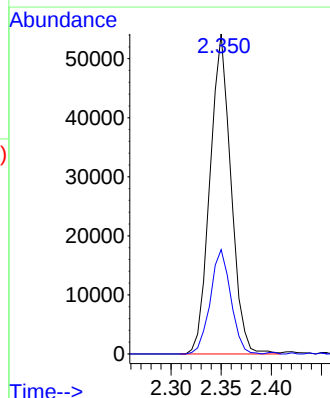
#3  
Chloromethane  
Concen: 18.68 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 50 Resp: 57000  
Ion Ratio Lower Upper  
50 100  
52 36.4 26.7 40.1



#4  
Vinyl Chloride  
Concen: 20.65 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

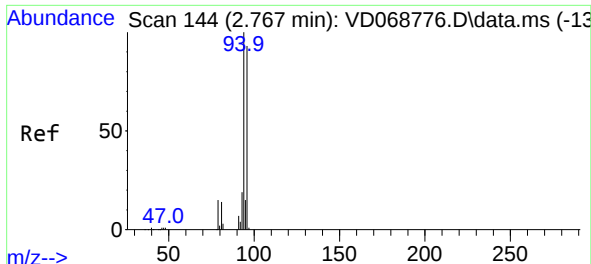
Tgt Ion: 62 Resp: 79122  
Ion Ratio Lower Upper  
62 100  
64 32.6 27.1 40.7



Instrument :  
MSVOA\_D  
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4/29/2021 5:51:33 PM



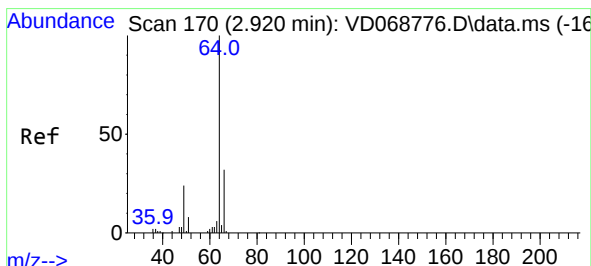
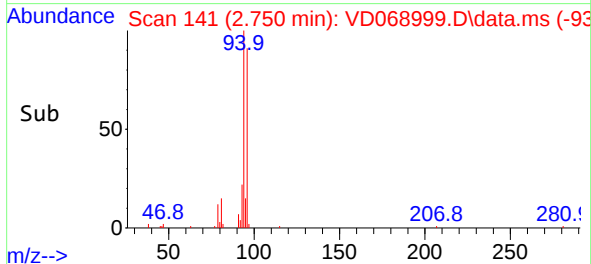
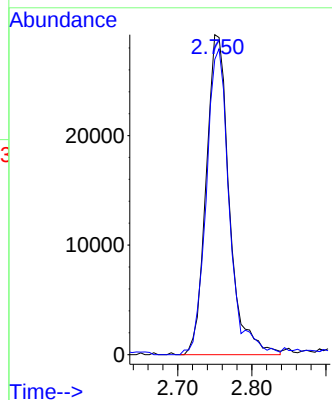
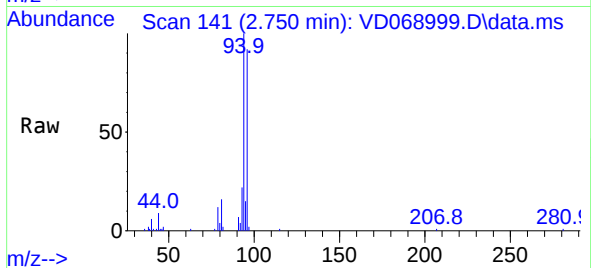
#5  
Bromomethane  
Concen: 22.20 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.017 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 94 Resp: 63598  
Ion Ratio Lower Upper  
94 100  
96 92.2 74.7 112.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

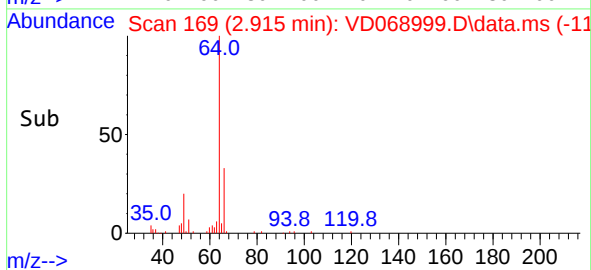
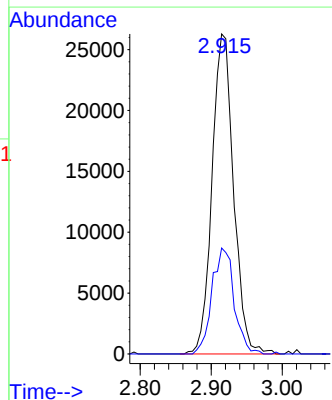
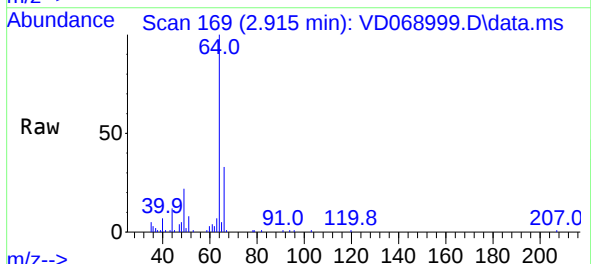
Manual Integrations  
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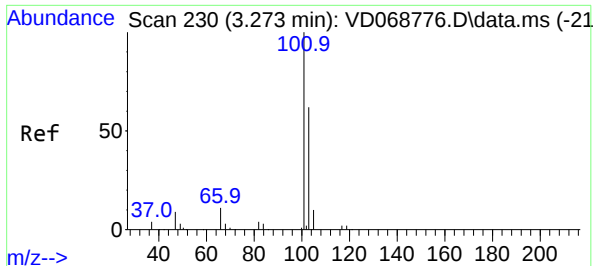
MMDadoda  
4/29/2021 5:51:33 PM



#6  
Chloroethane  
Concen: 21.96 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.005 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 64 Resp: 55301  
Ion Ratio Lower Upper  
64 100  
66 33.1 26.0 39.0





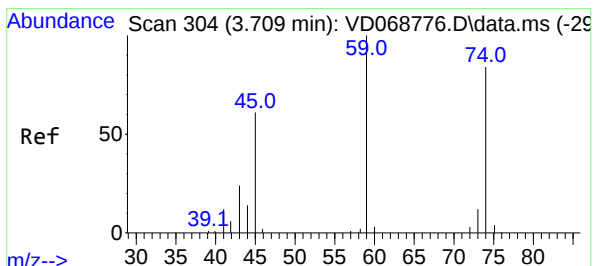
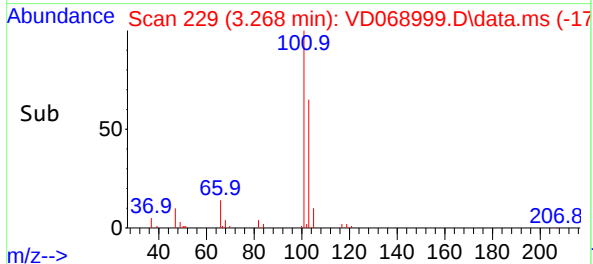
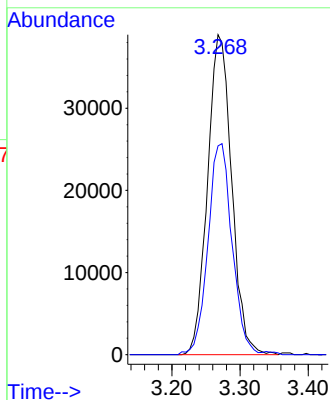
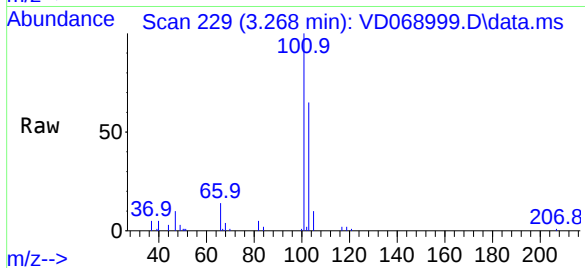
#7  
Trichlorofluoromethane  
Concen: 21.27 ug/l  
RT: 3.268 min Scan# 229  
Delta R.T. -0.005 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion:101 Resp: 95921  
Ion Ratio Lower Upper  
101 100  
103 65.3 53.4 80.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

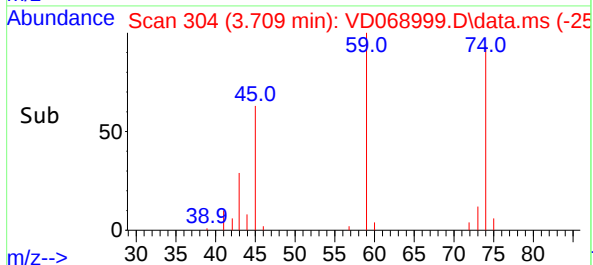
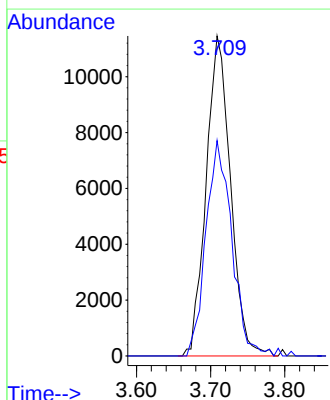
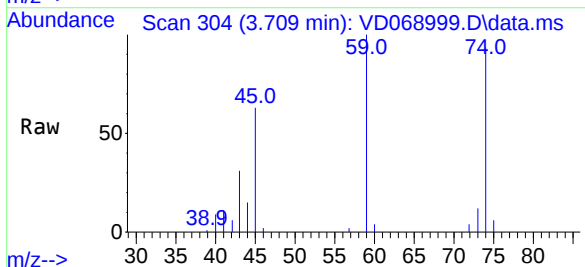
Manual Integrations  
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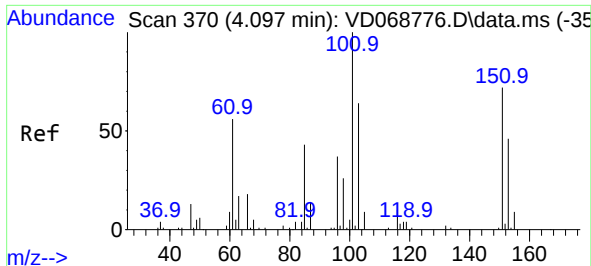
MMDadoda  
4/29/2021 5:51:33 PM



#8  
Diethyl Ether  
Concen: 21.54 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 74 Resp: 26231  
Ion Ratio Lower Upper  
74 100  
45 71.3 40.5 121.5





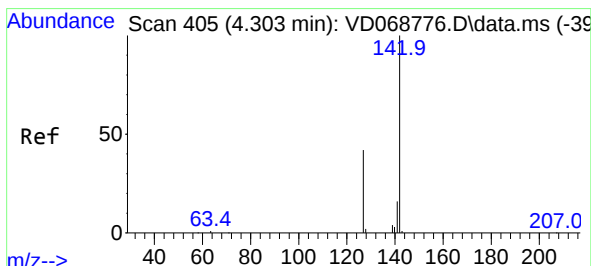
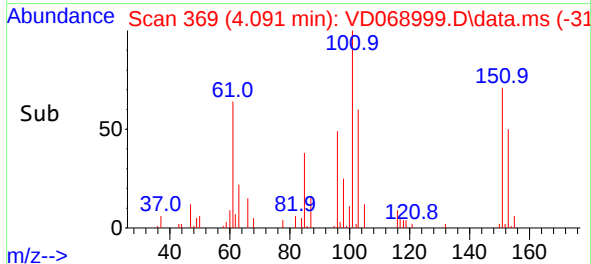
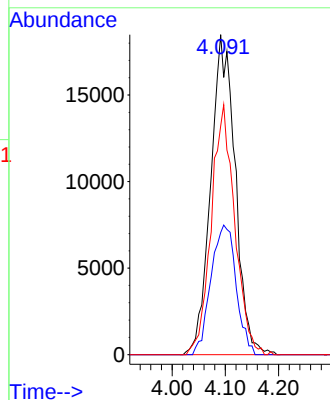
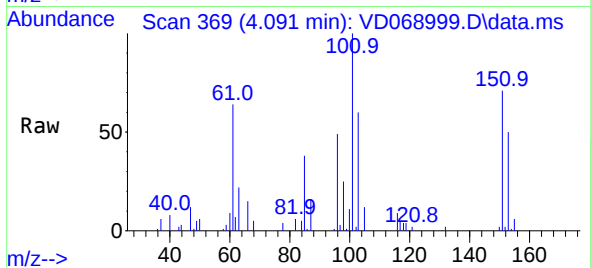
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.67 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. -0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 58972 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 41.6  | 33.8  | 50.6  |
| 151      | 75.0  | 59.4  | 89.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBS01

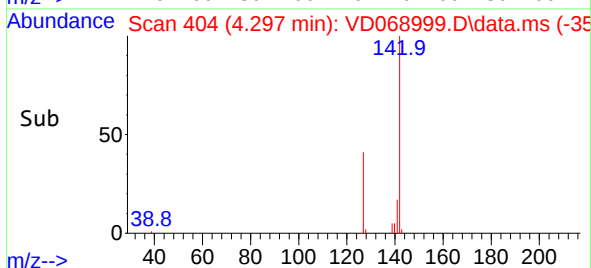
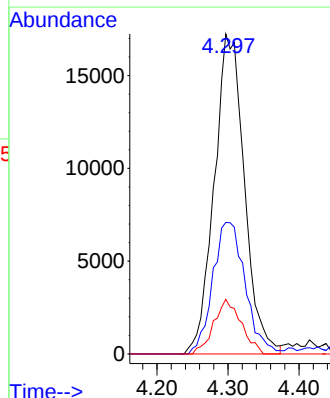
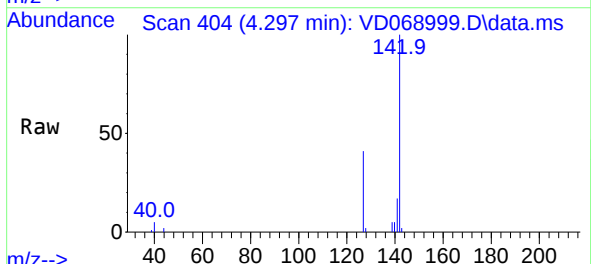
Manual Integrations  
APPROVED

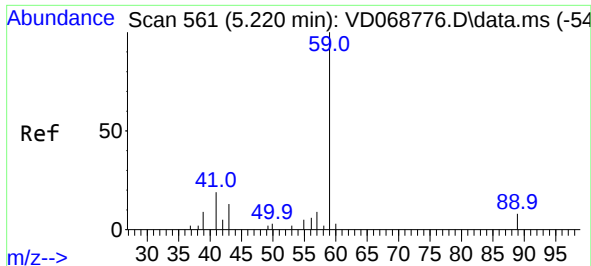
MMDadoda  
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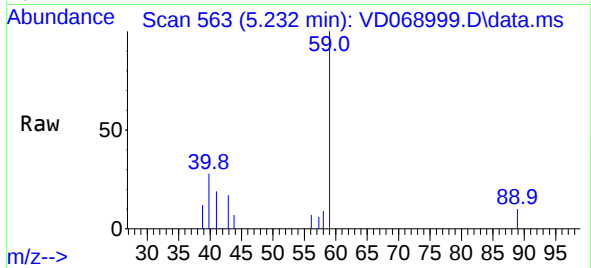
#10  
Methyl Iodide  
Concen: 17.48 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 50799 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 44.3  | 34.7  | 52.1  |
| 141      | 15.5  | 11.0  | 16.4  |

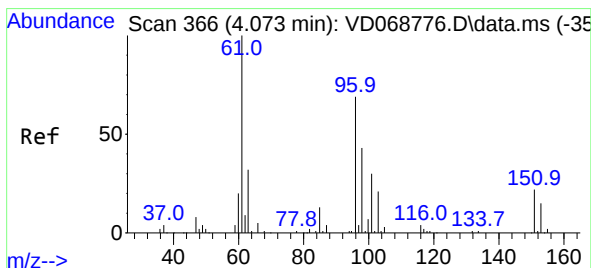
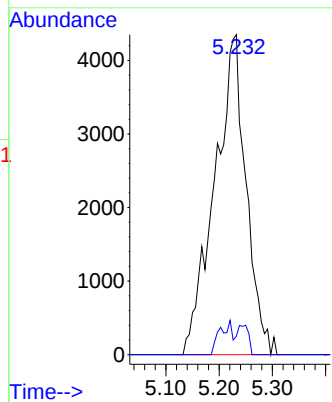
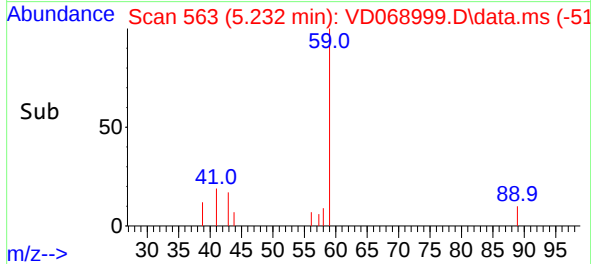




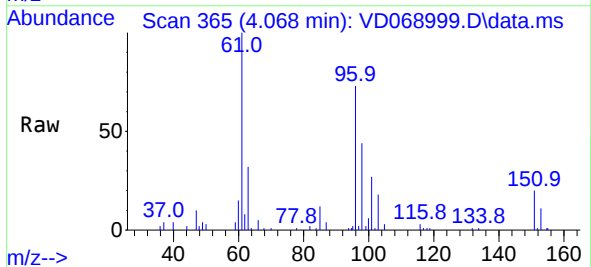
#11  
Tert butyl alcohol  
Concen: 104.28 ug/l  
RT: 5.232 min Scan# 563  
Delta R.T. 0.012 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



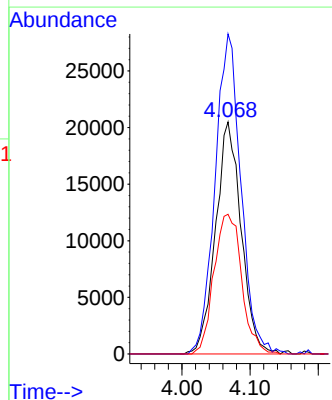
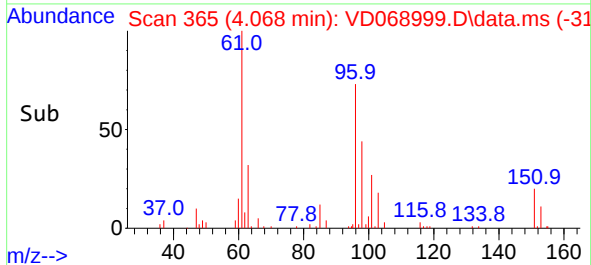
Tgt Ion: 59 Resp: 17879  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#



#12  
1,1-Dichloroethene  
Concen: 20.41 ug/l  
RT: 4.068 min Scan# 365  
Delta R.T. -0.005 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



Tgt Ion: 96 Resp: 53508  
Ion Ratio Lower Upper  
96 100  
61 137.9 112.2 168.2  
98 60.2 50.2 75.2



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBS01

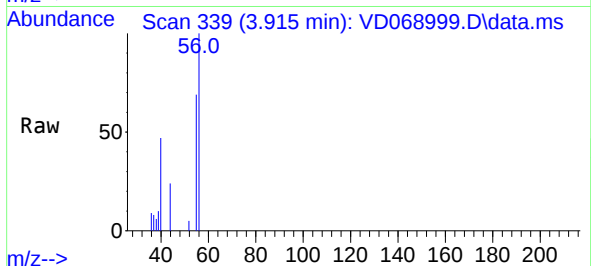
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#13  
Acrolein  
Concen: 71.30 ug/l  
RT: 3.915 min Scan# 339  
Delta R.T. -0.011 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

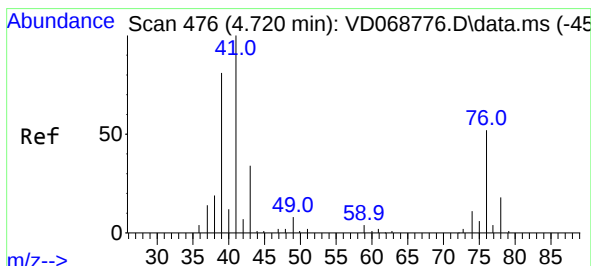
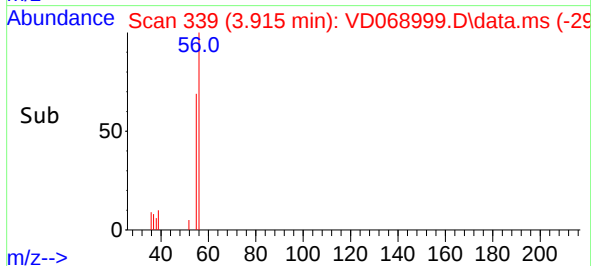
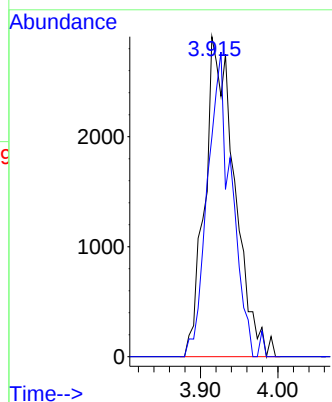
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01



Tgt Ion: 56 Resp: 7767  
Ion Ratio Lower Upper  
56 100  
55 76.5 54.7 82.1

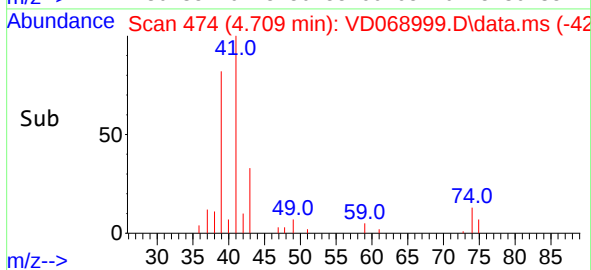
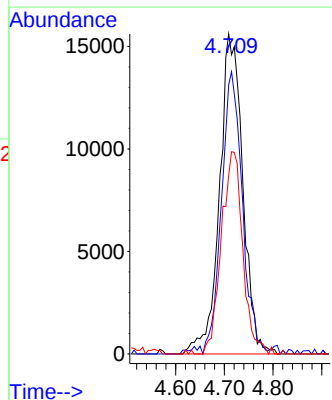
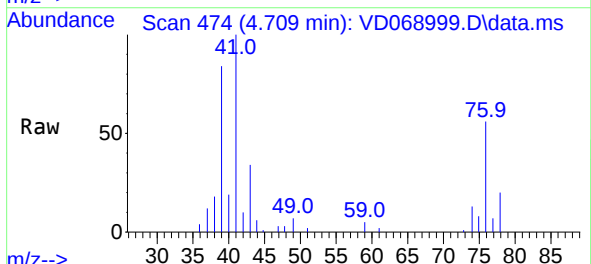
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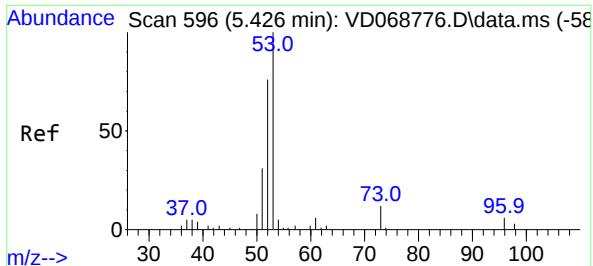
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4/29/2021 5:51:33 PM



#14  
Allyl chloride  
Concen: 17.55 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.011 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 41 Resp: 51852  
Ion Ratio Lower Upper  
41 100  
39 79.2 60.6 91.0  
76 57.9 40.4 60.6





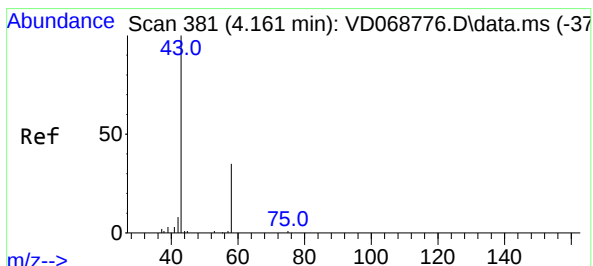
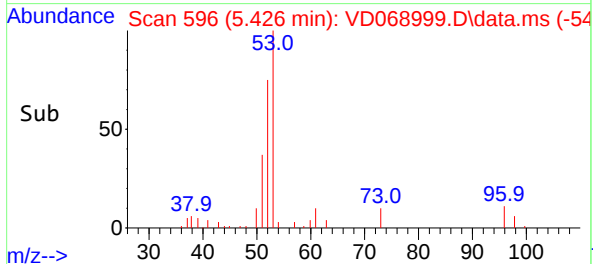
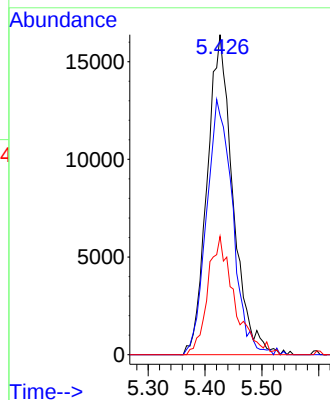
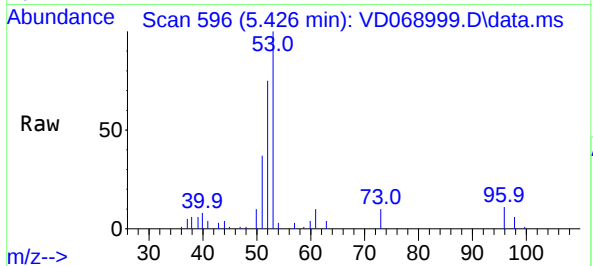
#15  
Acrylonitrile  
Concen: 94.37 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 51577 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.6  | 63.3  | 94.9  |
| 51       | 38.2  | 28.3  | 42.5  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

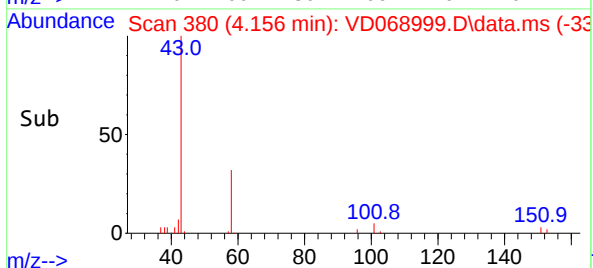
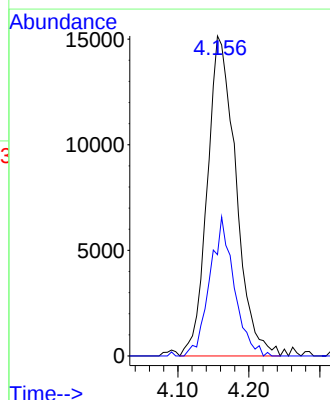
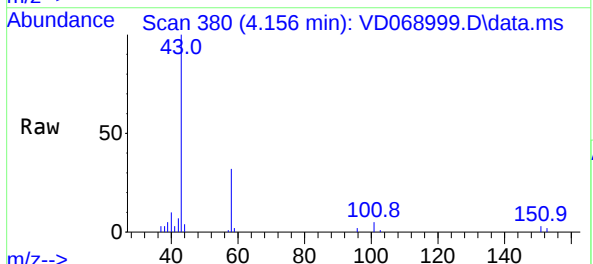
Manual Integrations  
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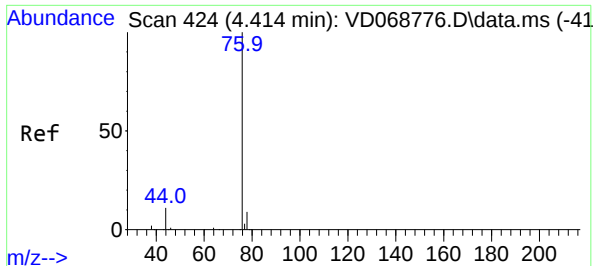
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#16  
Acetone  
Concen: 110.55 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.005 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 42370 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.7  | 28.0  | 42.0  |





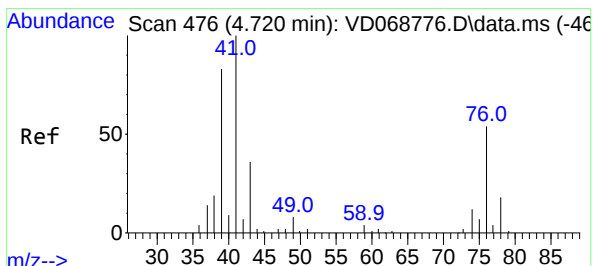
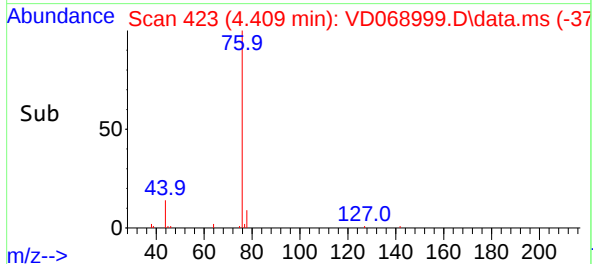
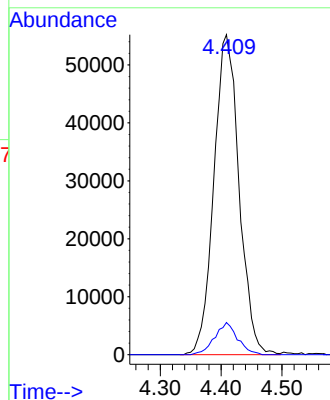
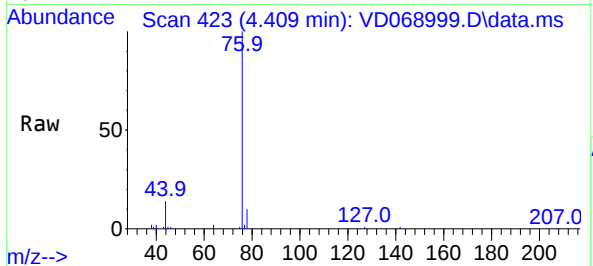
#17  
Carbon Disulfide  
Concen: 18.68 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.005 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 76 Resp: 158504  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.3 10.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

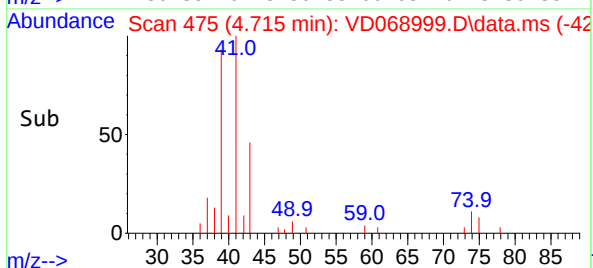
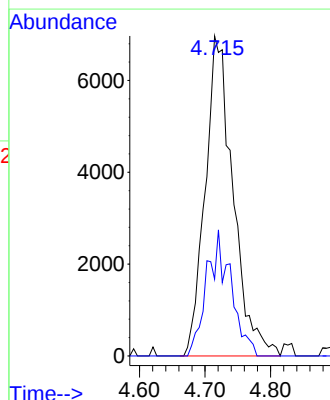
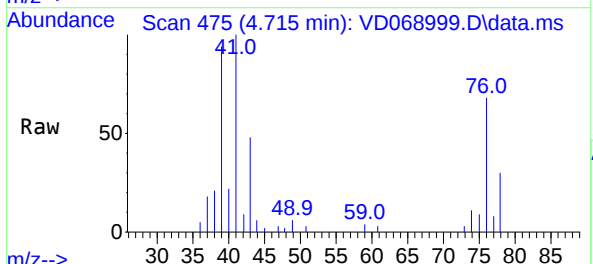
Manual Integrations  
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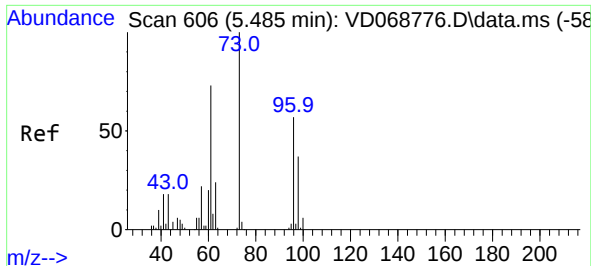
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4/29/2021 5:51:33 PM



#18  
Methyl Acetate  
Concen: 19.55 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.005 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 43 Resp: 20579  
Ion Ratio Lower Upper  
43 100  
74 34.2 25.4 38.2





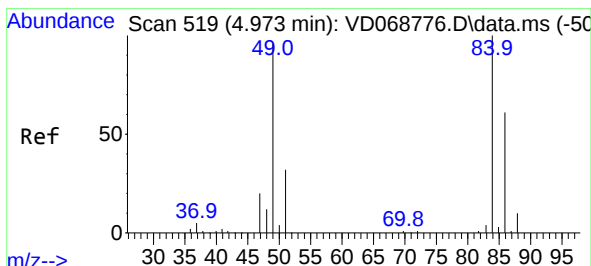
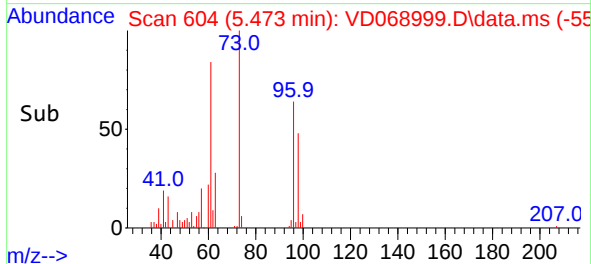
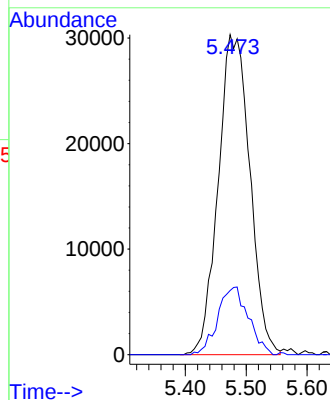
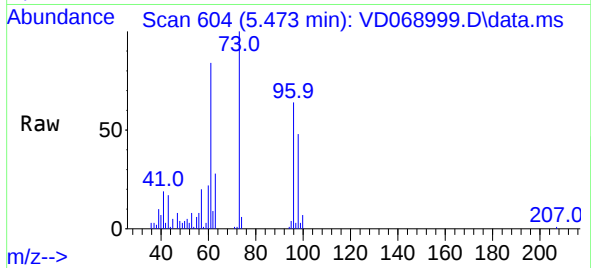
#19  
Methyl tert-butyl Ether  
Concen: 18.81 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.012 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 73 Resp: 109387  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.3 25.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

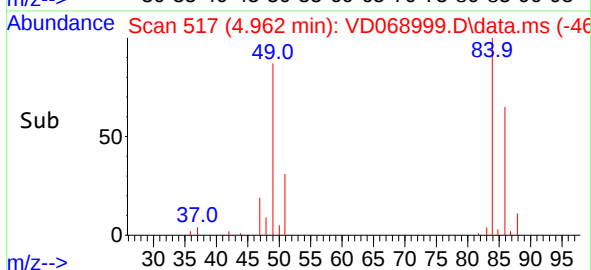
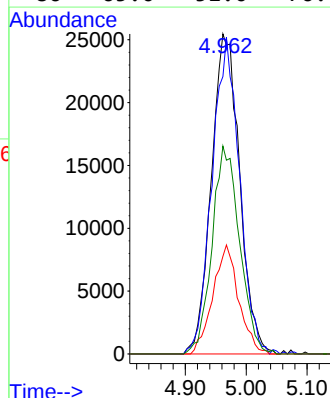
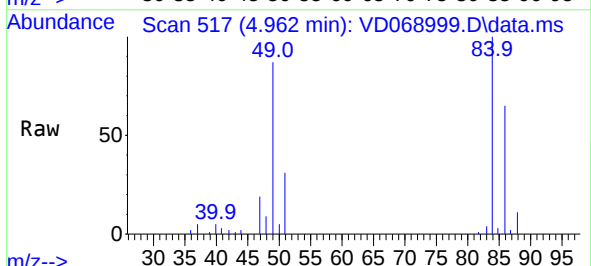
Manual Integrations  
APPROVED

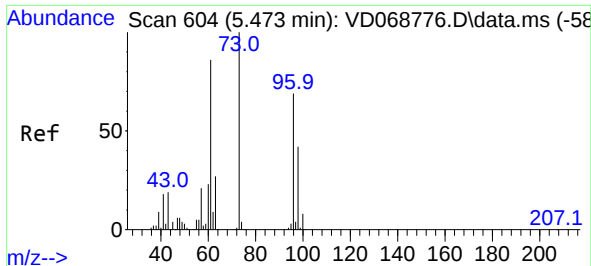
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#20  
Methylene Chloride  
Concen: 23.96 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.011 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

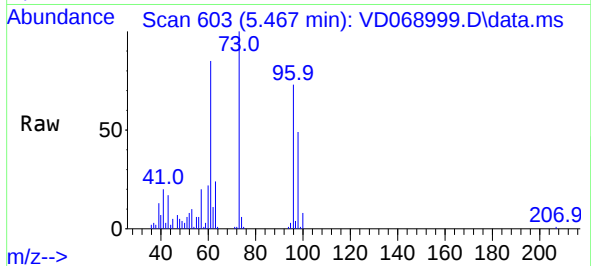
Tgt Ion: 84 Resp: 82168  
Ion Ratio Lower Upper  
84 100  
49 86.7 83.4 125.0  
51 30.5 23.4 35.2  
86 65.0 51.0 76.4





#21  
trans-1,2-Dichloroethene  
Concen: 18.98 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

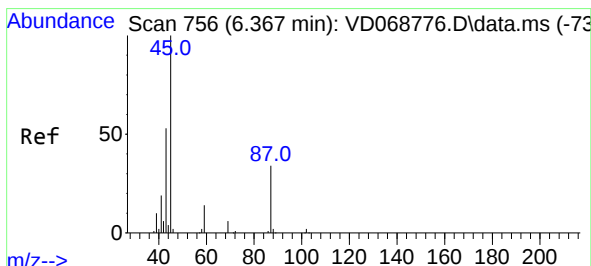
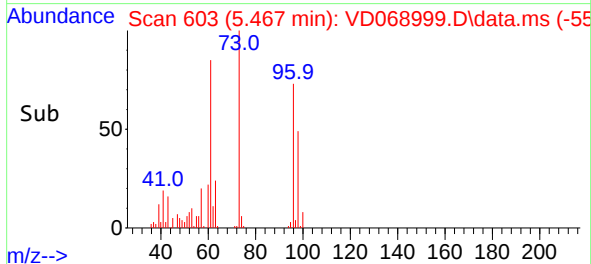
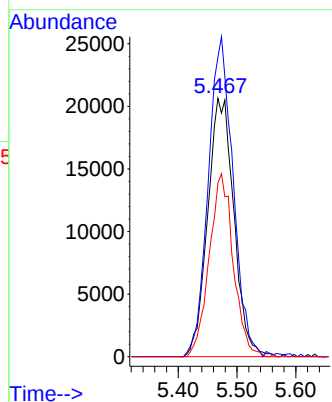
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01



Tgt Ion: 96 Resp: 63896  
Ion Ratio Lower Upper  
96 100  
61 116.0 91.8 137.6  
98 67.3 49.3 73.9

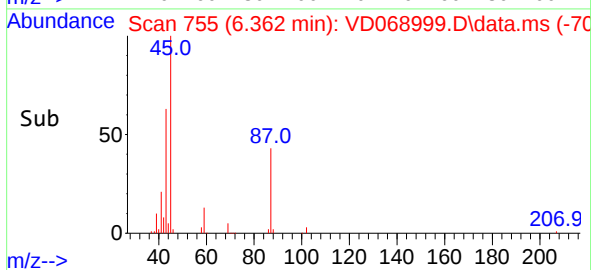
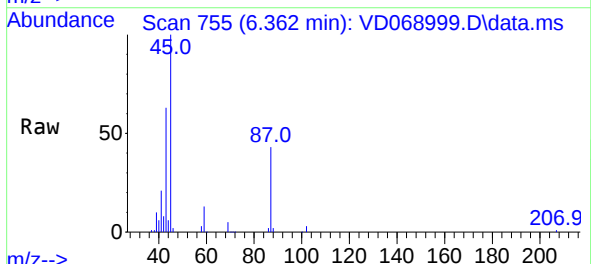
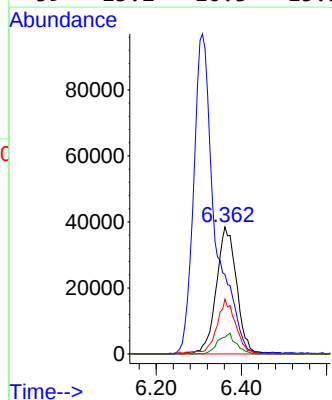
Manual Integrations  
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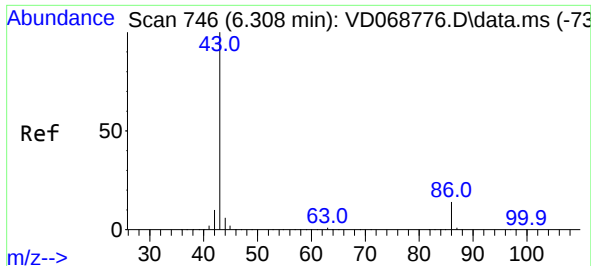
MMDadoda  
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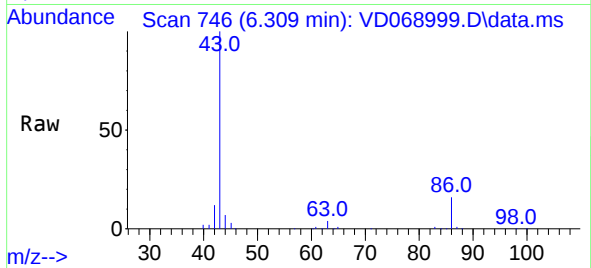
#22  
Diisopropyl ether  
Concen: 17.74 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. -0.005 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 45 Resp: 126945  
Ion Ratio Lower Upper  
45 100  
43 61.4 41.8 62.8  
87 43.0 29.2 43.8  
59 13.2 10.3 15.5

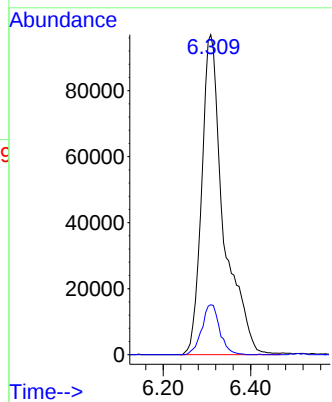
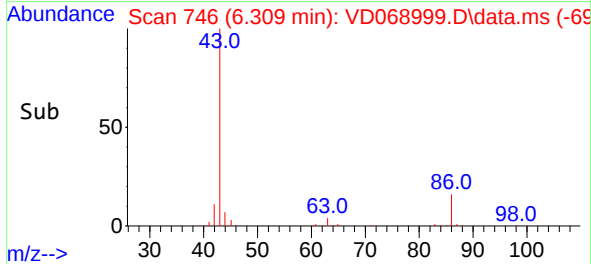




#23  
 Vinyl Acetate  
 Concen: 89.42 ug/l  
 RT: 6.309 min Scan# 746  
 Delta R.T. 0.001 min  
 Lab File: VD068999.D  
 Acq: 28 Apr 2021 12:40



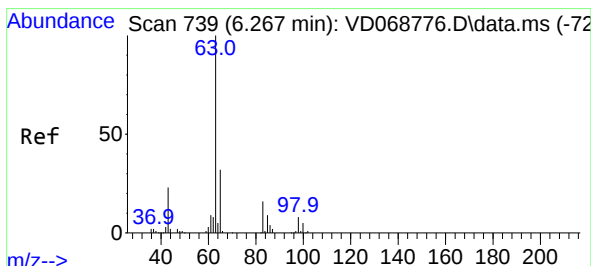
Tgt Ion: 43 Resp: 339212  
 Ion Ratio Lower Upper  
 43 100  
 86 15.6 11.0 16.6



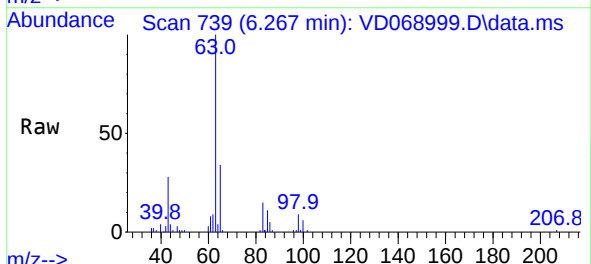
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0428SBS01

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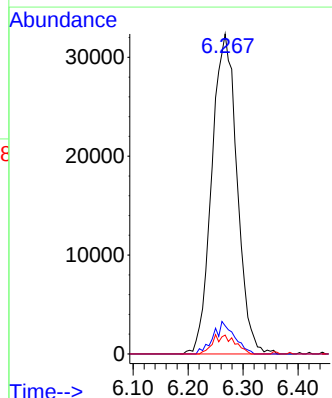
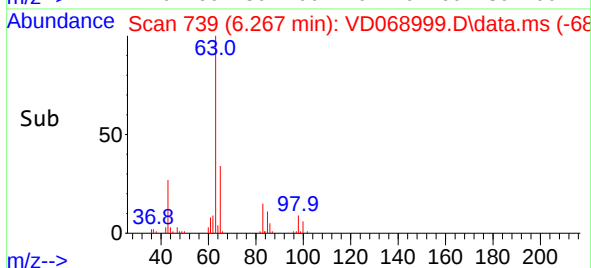
MMDadoda  
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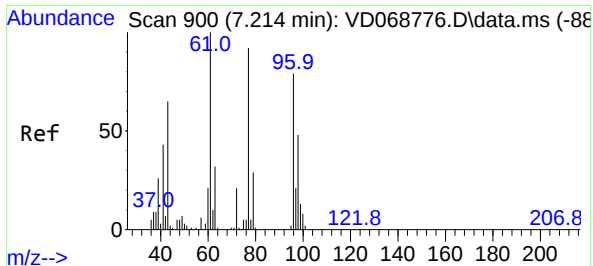


#24  
 1,1-Dichloroethane  
 Concen: 19.13 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.000 min  
 Lab File: VD068999.D  
 Acq: 28 Apr 2021 12:40



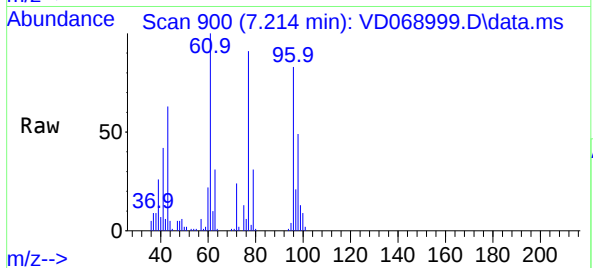
Tgt Ion: 63 Resp: 103224  
 Ion Ratio Lower Upper  
 63 100  
 98 8.8 3.8 11.2  
 100 5.9 2.3 6.9





#25  
2-Butanone  
Concen: 107.94 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

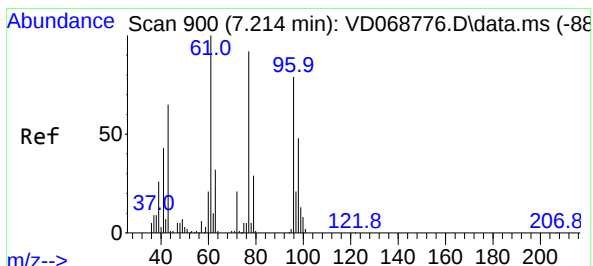
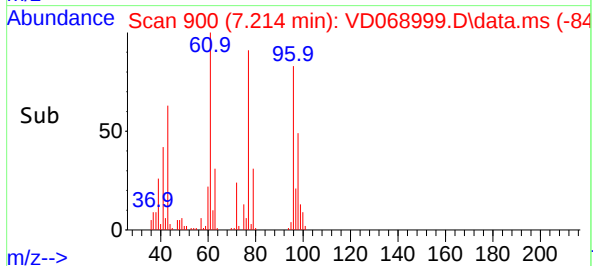
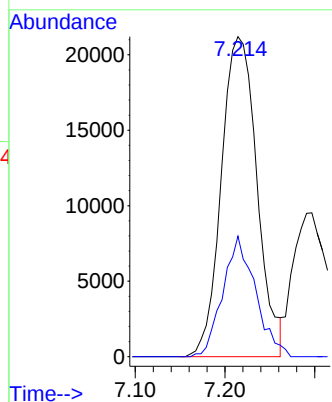
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01



Tgt Ion: 43 Resp: 58538  
Ion Ratio Lower Upper  
43 100  
72 37.7 28.6 43.0

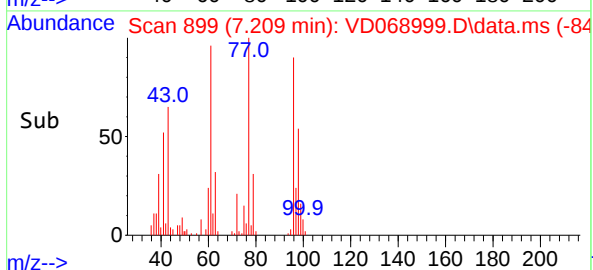
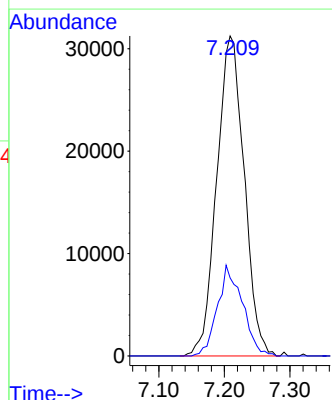
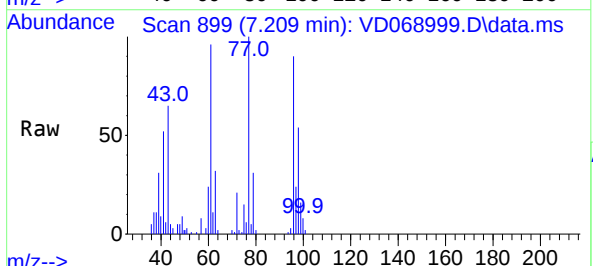
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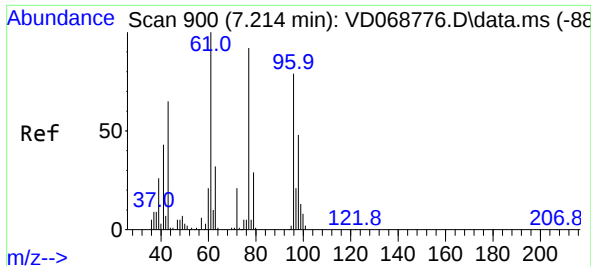
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#26  
2,2-Dichloropropane  
Concen: 20.60 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.005 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

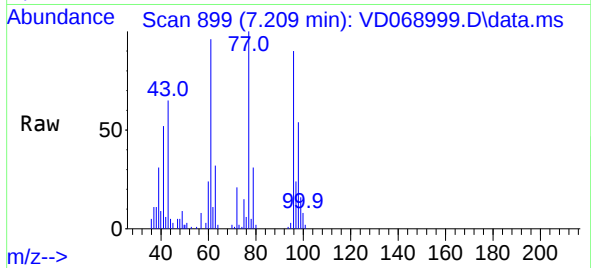
Tgt Ion: 77 Resp: 90793  
Ion Ratio Lower Upper  
77 100  
97 25.8 12.0 36.1





#27  
cis-1,2-Dichloroethene  
Concen: 21.75 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.005 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

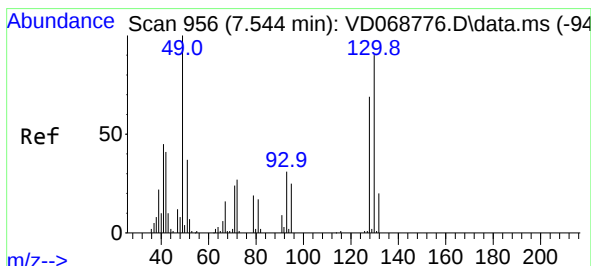
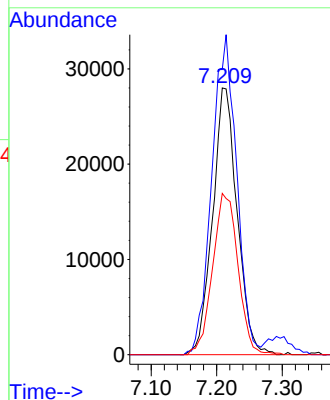
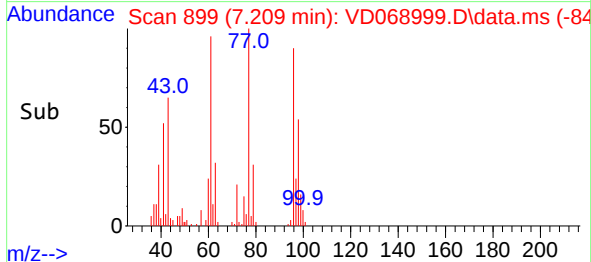
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01



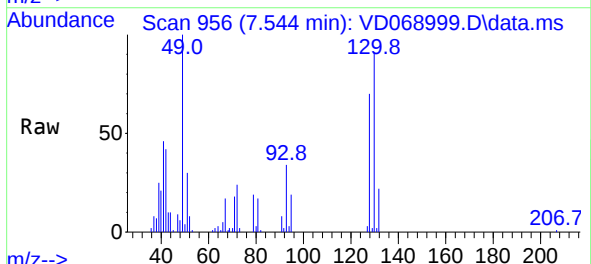
Tgt Ion: 96 Resp: 72748  
Ion Ratio Lower Upper  
96 100  
61 121.8 0.0 258.8  
98 62.7 0.0 128.4

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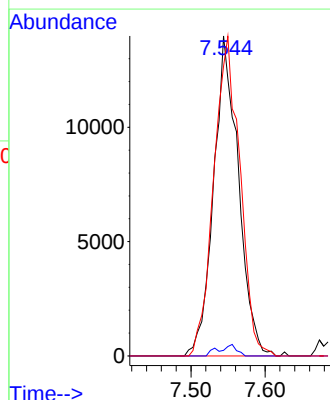
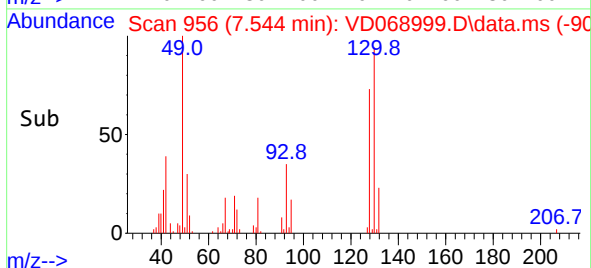
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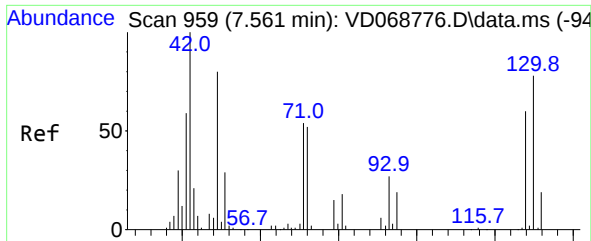


#28  
Bromochloromethane  
Concen: 16.66 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



Tgt Ion: 49 Resp: 32462  
Ion Ratio Lower Upper  
49 100  
129 1.7 0.0 5.2  
130 105.6 74.6 112.0





#29  
Tetrahydrofuran  
Concen: 91.23 ug/l  
RT: 7.573 min Scan# 961  
Delta R.T. 0.012 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

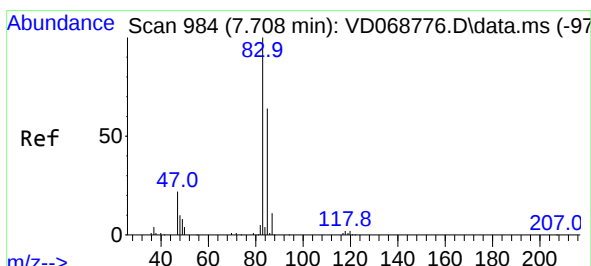
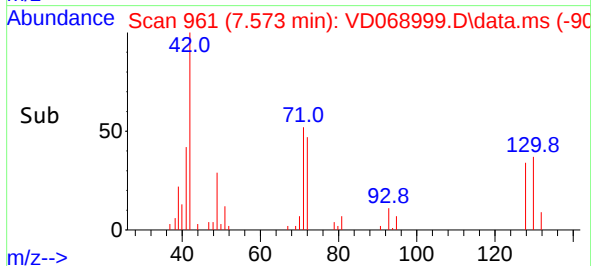
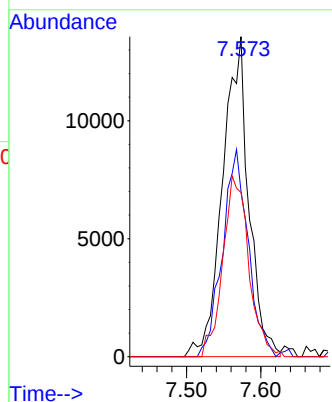
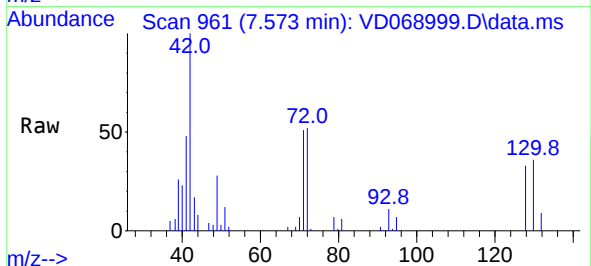
Tgt Ion: 42 Resp: 33274

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 63.5  | 45.2  | 67.8  |
| 71  | 56.1  | 40.8  | 61.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

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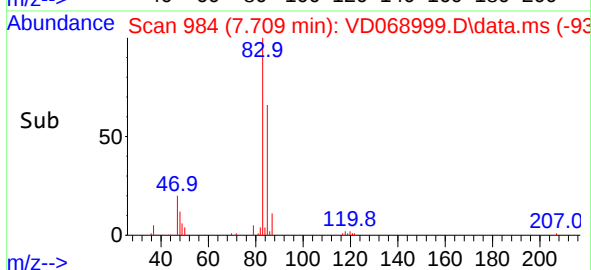
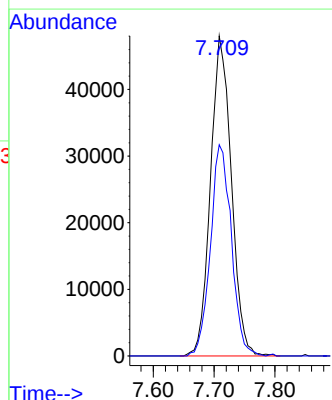
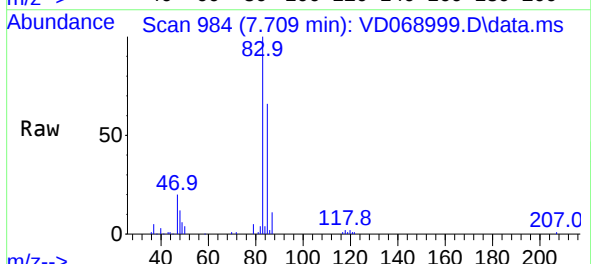
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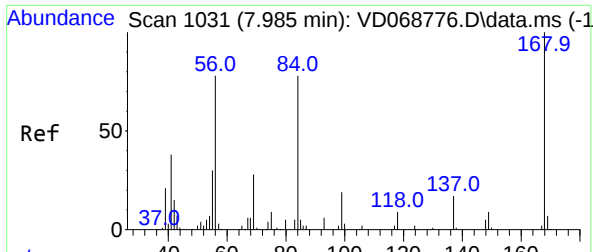


#30  
Chloroform  
Concen: 19.34 ug/l  
RT: 7.709 min Scan# 984  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

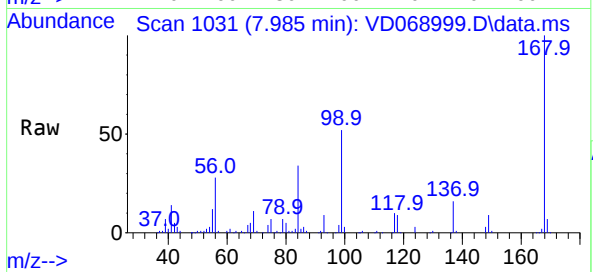
Tgt Ion: 83 Resp: 114249

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.0  | 53.3  | 79.9  |

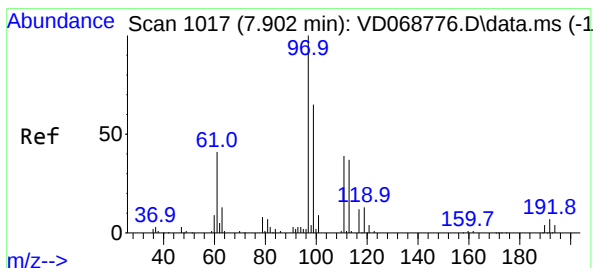
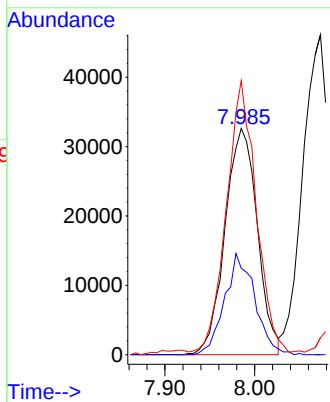
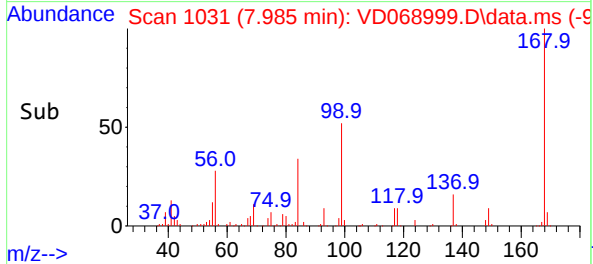




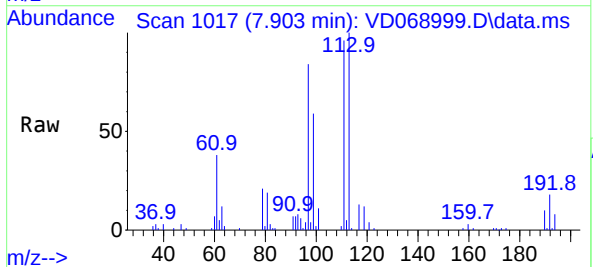
#31  
Cyclohexane  
Concen: 17.70 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



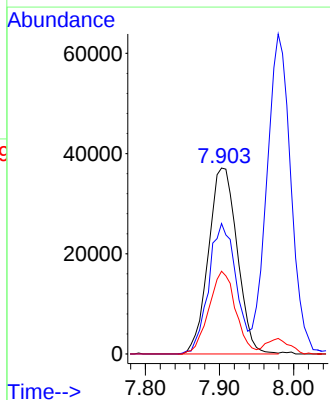
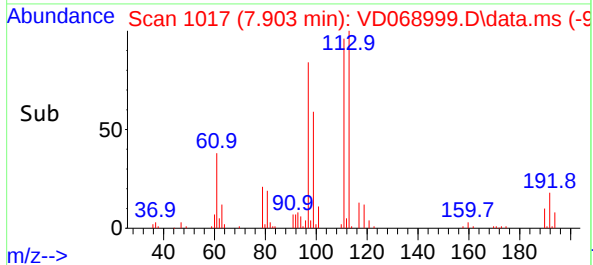
Tgt Ion: 56 Resp: 81503  
Ion Ratio Lower Upper  
56 100  
69 38.2 30.0 45.0  
84 119.1 82.0 123.0



#32  
1,1,1-Trichloroethane  
Concen: 19.41 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



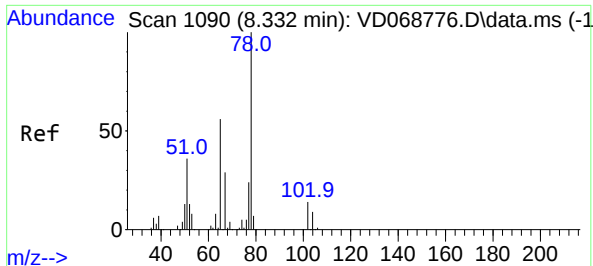
Tgt Ion: 97 Resp: 100164  
Ion Ratio Lower Upper  
97 100  
99 66.3 50.8 76.2  
61 41.5 33.7 50.5



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

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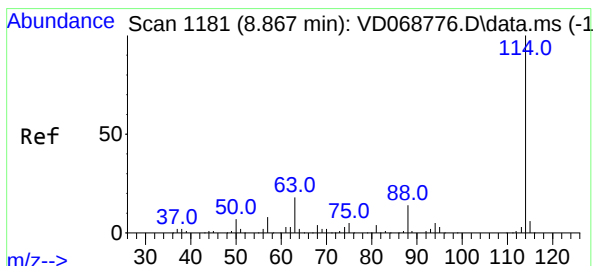
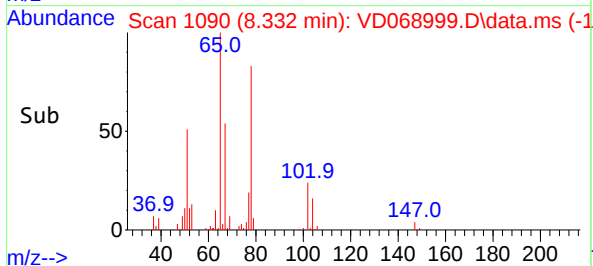
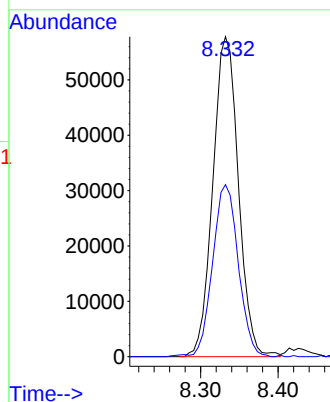
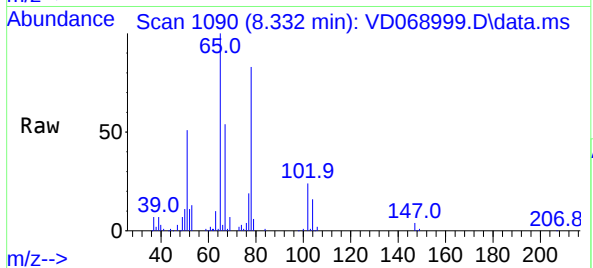
#33  
1,2-Dichloroethane-d4  
Concen: 47.80 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 65 Resp: 132295  
Ion Ratio Lower Upper  
65 100  
67 54.1 0.0 106.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

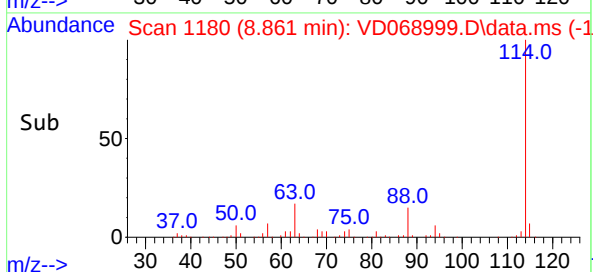
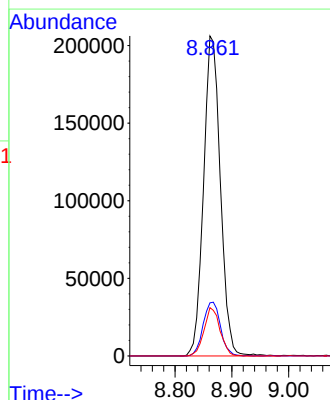
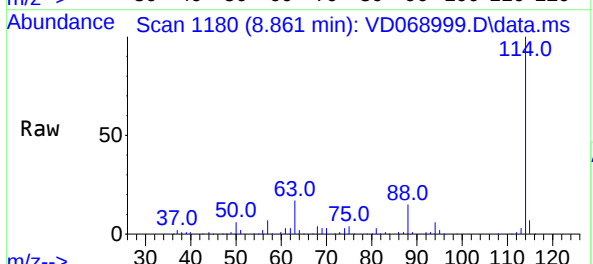
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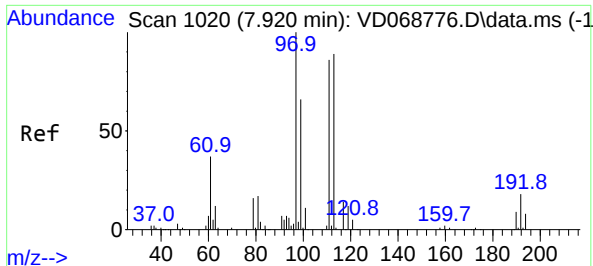
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 114 Resp: 422842  
Ion Ratio Lower Upper  
114 100  
63 16.6 0.0 38.2  
88 15.1 0.0 29.4





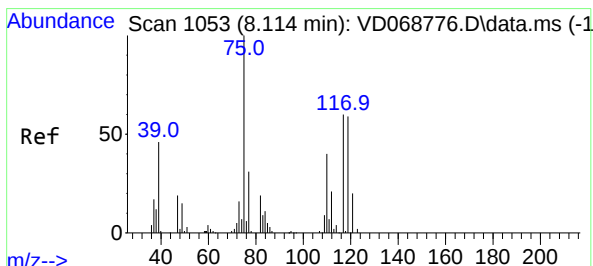
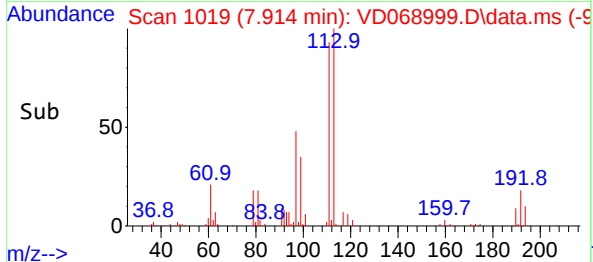
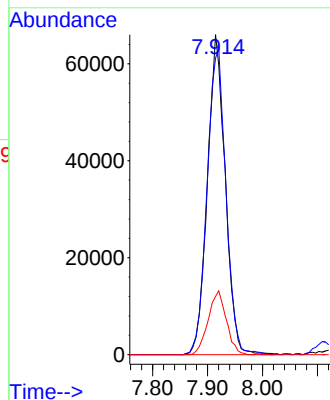
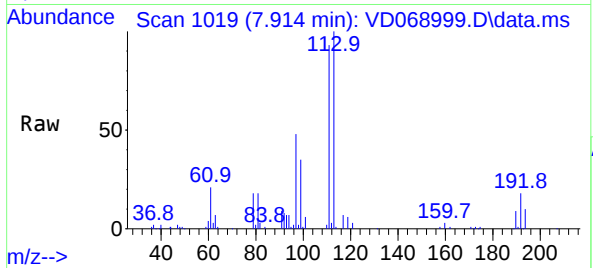
#35  
Dibromofluoromethane  
Concen: 54.15 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion:113 Resp: 148929  
Ion Ratio Lower Upper  
113 100  
111 101.0 82.5 123.7  
192 20.3 15.1 22.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

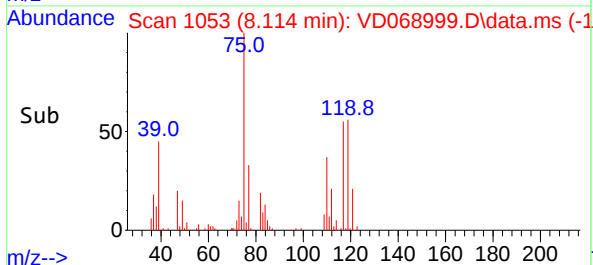
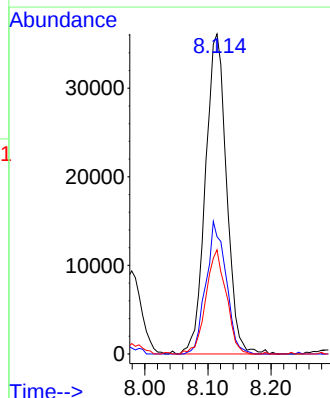
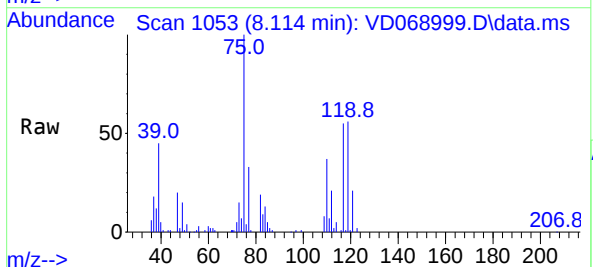
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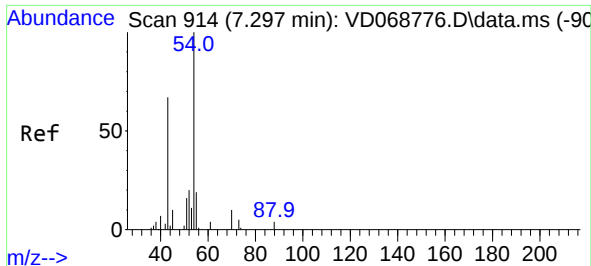
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4/29/2021 5:51:33 PM



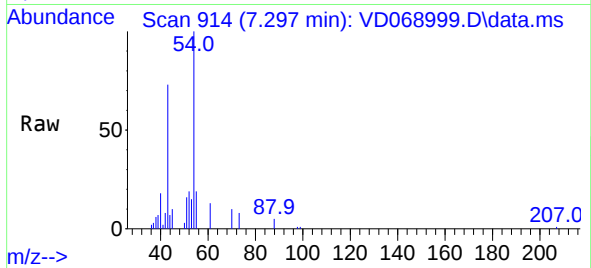
#36  
1,1-Dichloropropene  
Concen: 19.57 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 75 Resp: 83781  
Ion Ratio Lower Upper  
75 100  
110 39.3 18.1 54.4  
77 31.4 24.7 37.1

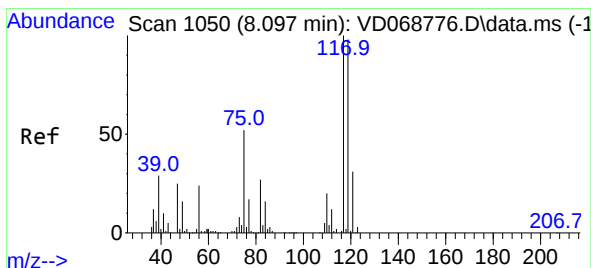
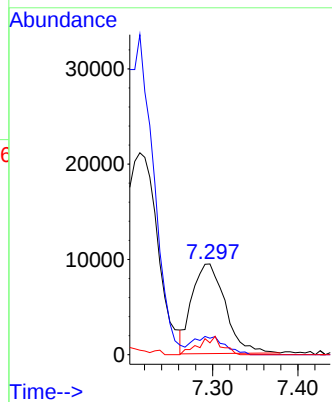
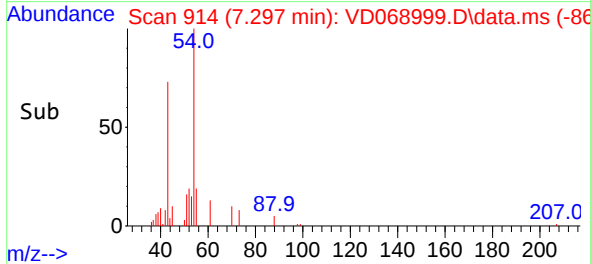




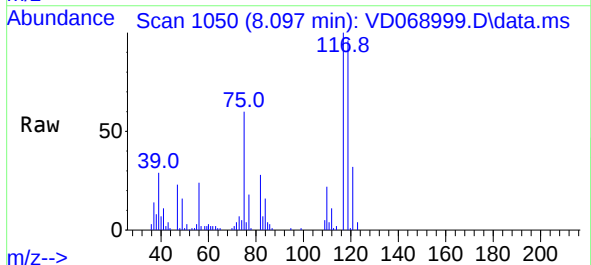
#37  
Ethyl Acetate  
Concen: 20.22 ug/l  
RT: 7.297 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



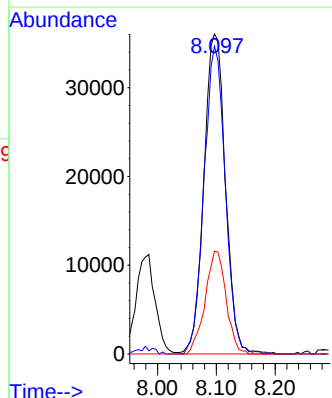
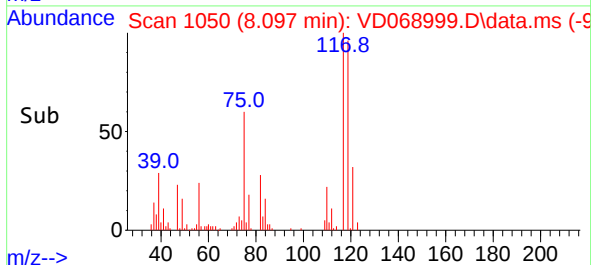
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 25418 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 19.3  | 14.2  | 21.4  |
| 70       | 14.0  | 9.4   | 14.0  |



#38  
Carbon Tetrachloride  
Concen: 21.62 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



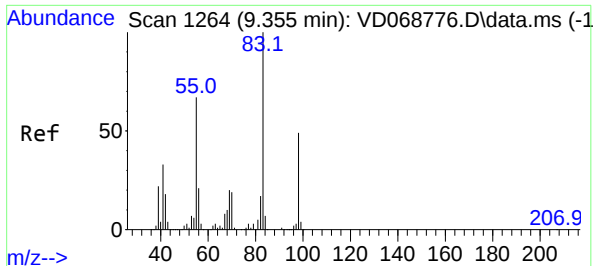
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 91612 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.1  | 76.6  | 115.0 |
| 121      | 32.1  | 26.1  | 39.1  |



Instrument :  
MSVOA\_D  
ClientSampleId :  
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Manual Integrations  
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#39

Methylcyclohexane

Concen: 19.70 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.001 min

Lab File: VD068999.D

Acq: 28 Apr 2021 12:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 98315 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 65.8  | 51.7  | 77.5  |
| 98       | 52.1  | 38.8  | 58.2  |

Instrument :

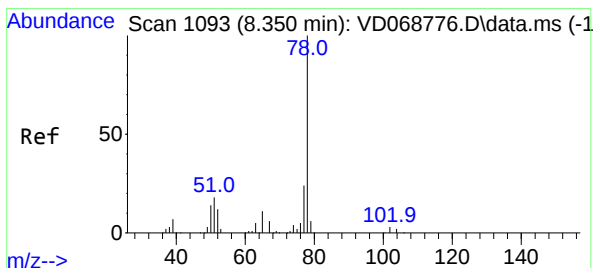
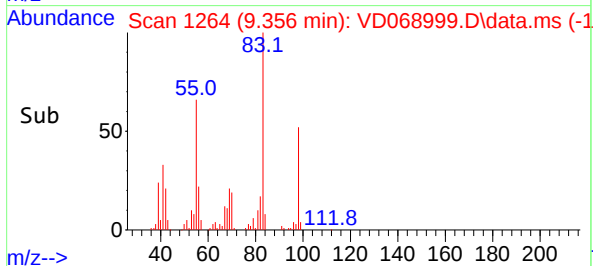
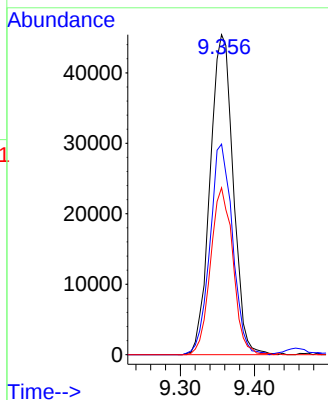
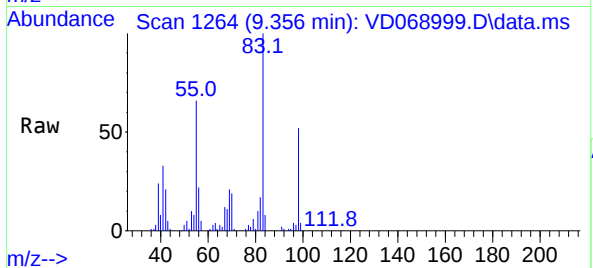
MSVOA\_D

ClientSampleId :

VD0428SBSD01

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#40

Benzene

Concen: 19.87 ug/l

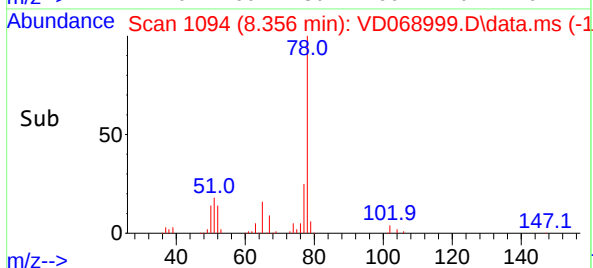
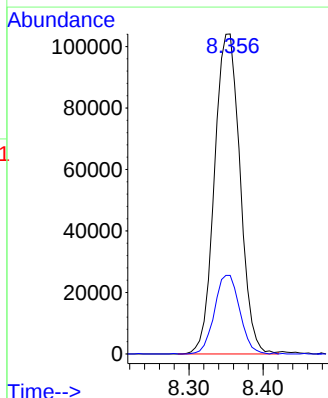
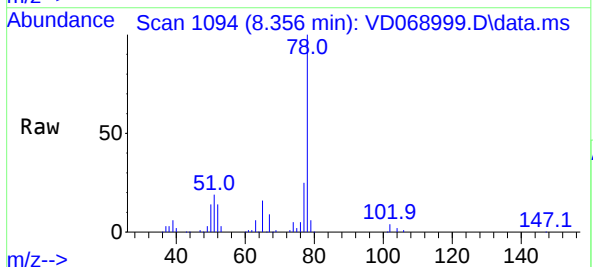
RT: 8.356 min Scan# 1094

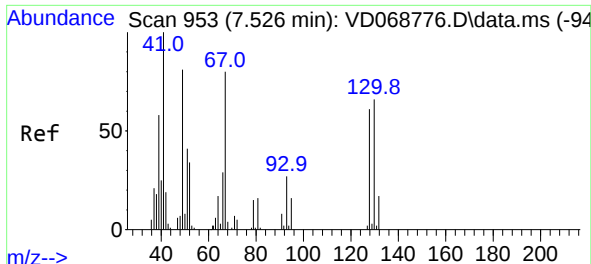
Delta R.T. 0.006 min

Lab File: VD068999.D

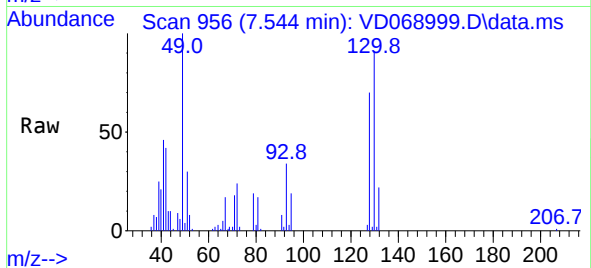
Acq: 28 Apr 2021 12:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 248839 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.5  | 18.2  | 27.2   |

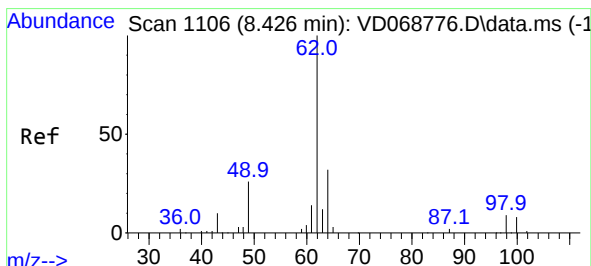
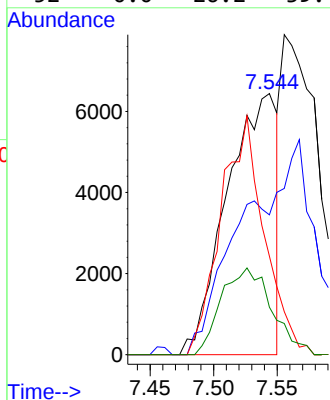
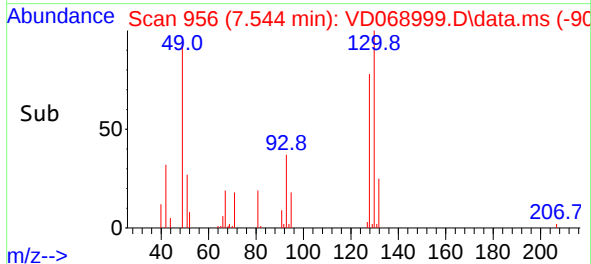




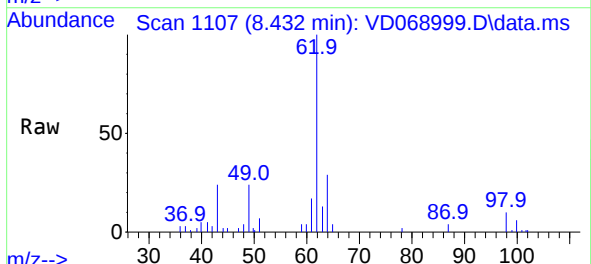
#41  
Methacrylonitrile  
Concen: 23.79 ug/l m  
RT: 7.544 min Scan# 956  
Delta R.T. 0.018 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



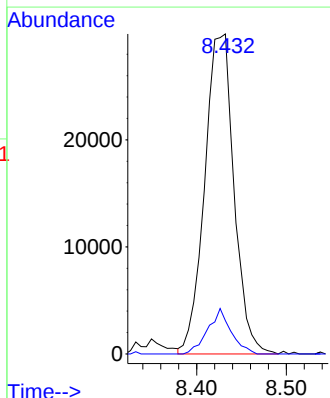
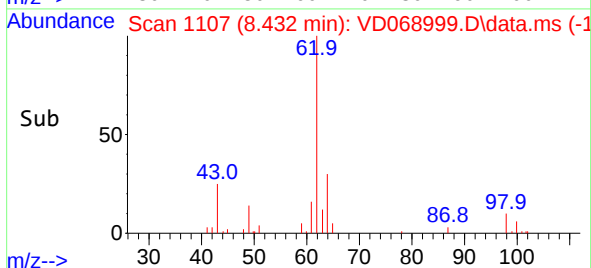
Tgt Ion: 41 Resp: 17707  
Ion Ratio Lower Upper  
41 100  
39 65.5 43.2 64.8#  
67 0.0 63.9 95.9#  
52 0.0 26.2 39.4#



#42  
1,2-Dichloroethane  
Concen: 20.53 ug/l  
RT: 8.432 min Scan# 1107  
Delta R.T. 0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



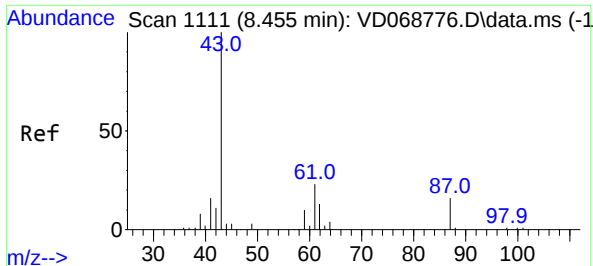
Tgt Ion: 62 Resp: 67983  
Ion Ratio Lower Upper  
62 100  
98 11.2 0.0 22.6



Instrument :  
MSVOA\_D  
ClientSampleId :  
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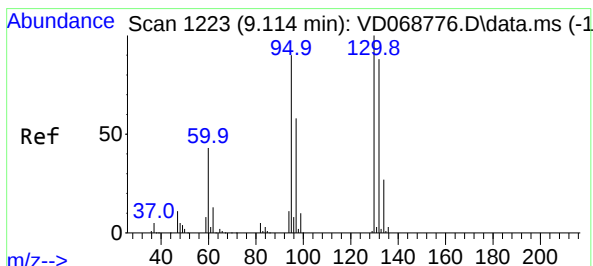
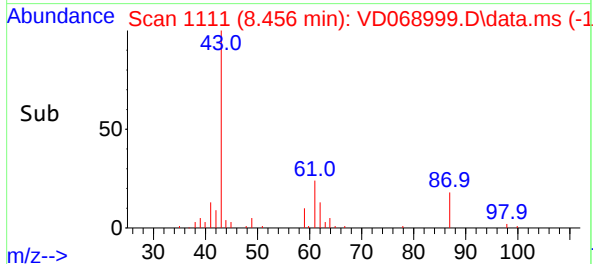
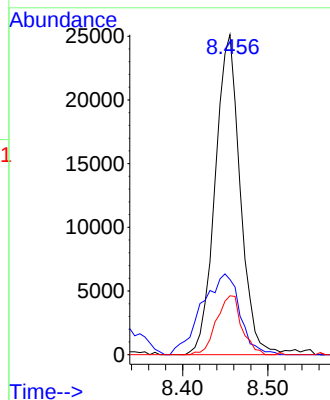
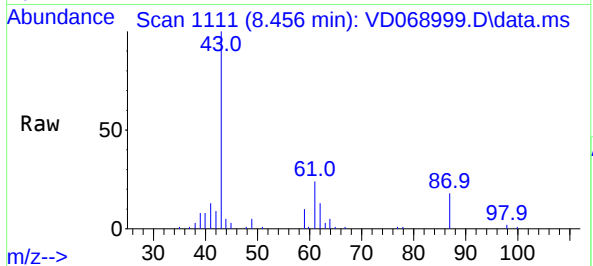
#43  
Isopropyl Acetate  
Concen: 19.99 ug/l  
RT: 8.456 min Scan# 1111  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 51221 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 38.6  | 29.5  | 44.3  |
| 87        | 18.6  | 13.5  | 20.3  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

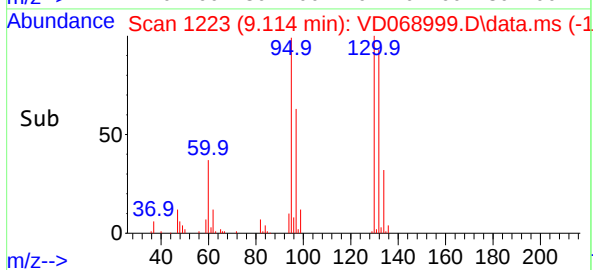
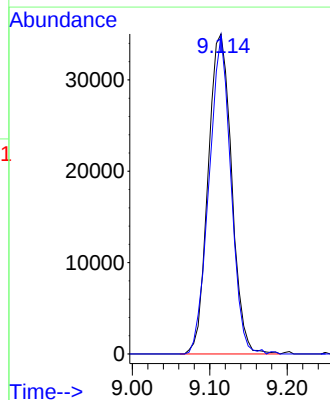
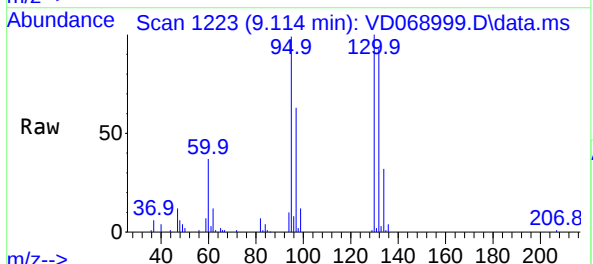
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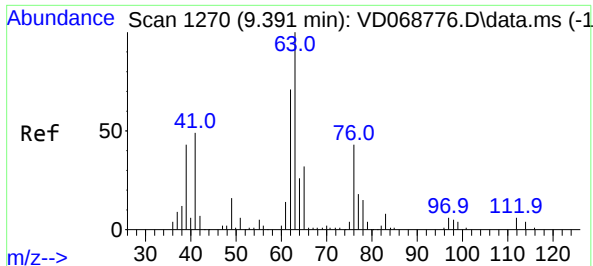
MMDadoda  
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#44  
Trichloroethene  
Concen: 21.30 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 73683 |
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 99.4  | 0.0   | 203.8 |





#45

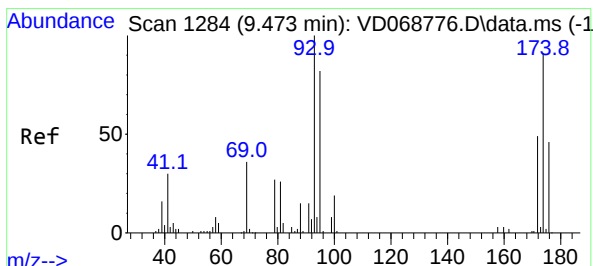
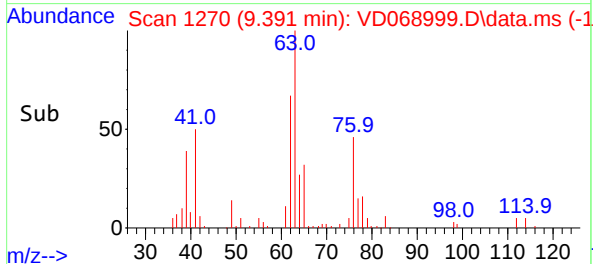
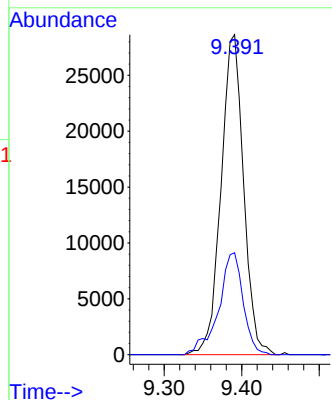
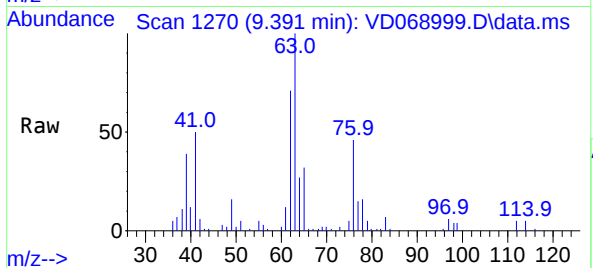
1,2-Dichloropropane  
Concen: 19.35 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 63 Resp: 57898  
Ion Ratio Lower Upper  
63 100  
65 31.9 27.0 40.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

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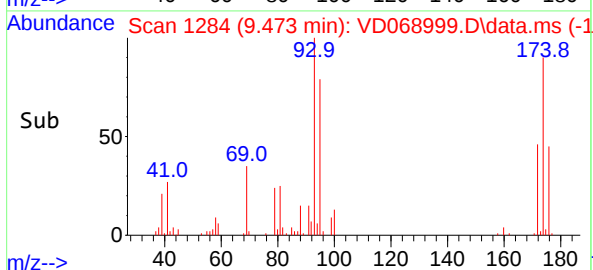
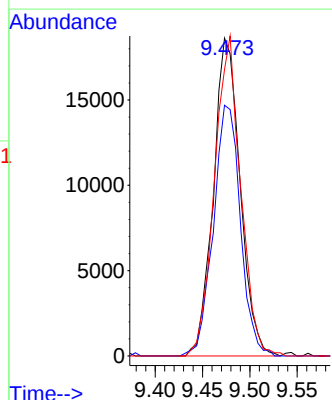
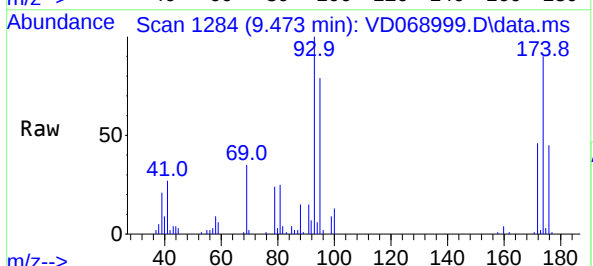
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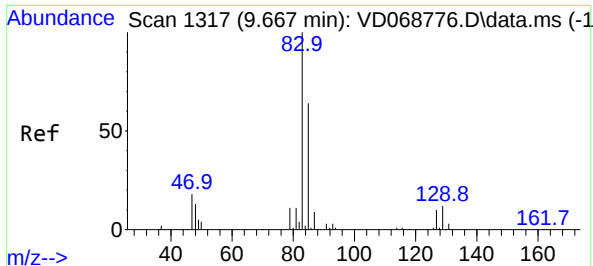


#46

Dibromomethane  
Concen: 21.93 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 93 Resp: 36551  
Ion Ratio Lower Upper  
93 100  
95 79.6 64.5 96.7  
174 98.6 75.3 112.9





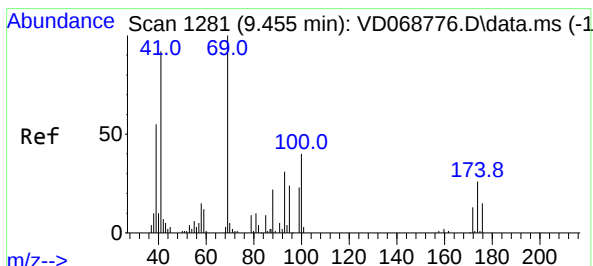
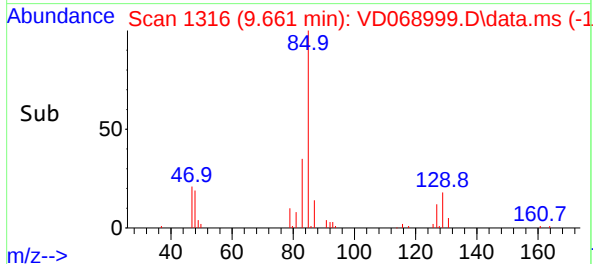
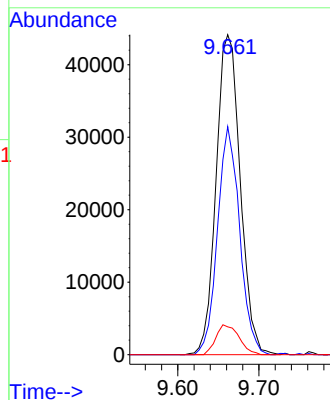
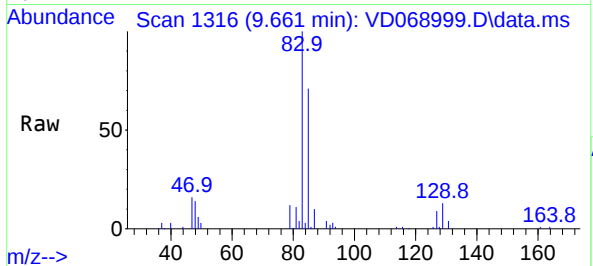
#47  
Bromodichloromethane  
Concen: 20.95 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 91206 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 71.3  | 51.0  | 76.6  |
| 127      | 8.7   | 7.1   | 10.7  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBS01

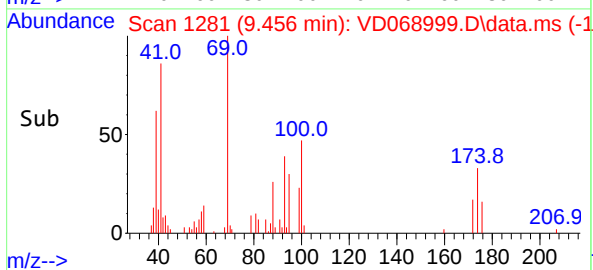
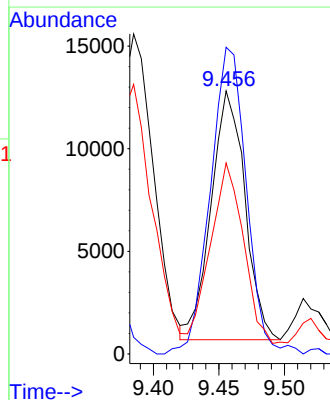
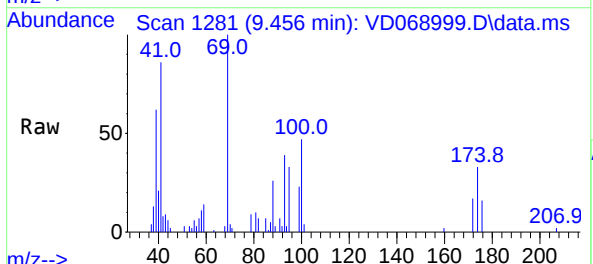
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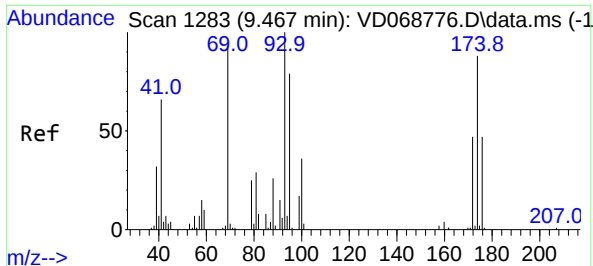
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#48  
Methyl methacrylate  
Concen: 17.25 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

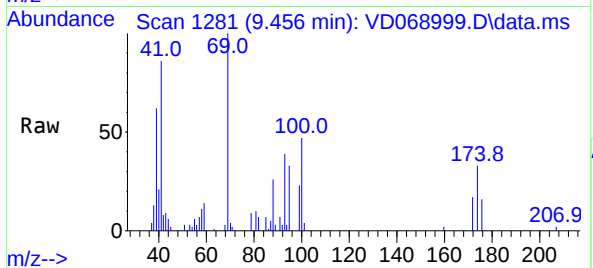
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 21791  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 131.3 | 83.0  | 124.6# |
| 39       | 80.8  | 47.0  | 70.6#  |





#49  
1,4-Dioxane  
Concen: 447.59 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. -0.011 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

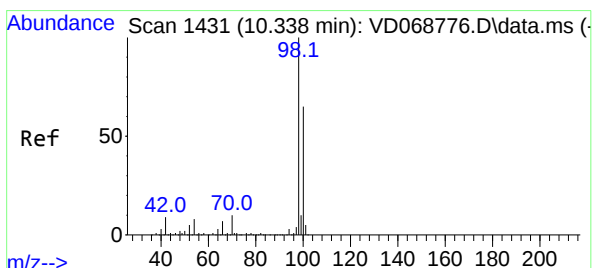
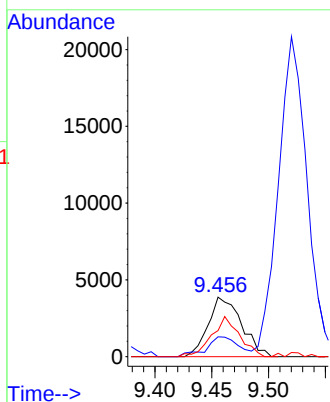
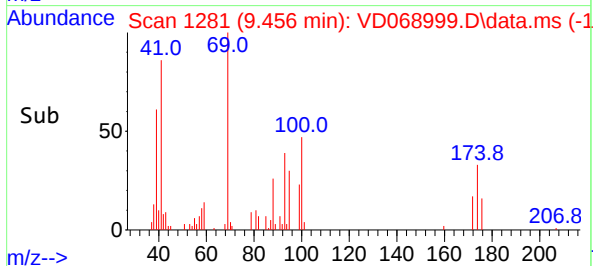
Instrument :  
MSVOA\_D  
ClientSampleId :  
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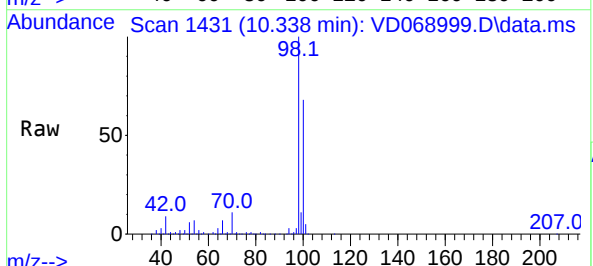
Tgt Ion: 88 Resp: 7897  
Ion Ratio Lower Upper  
88 100  
43 32.4 25.8 38.8  
58 56.2 54.0 81.0

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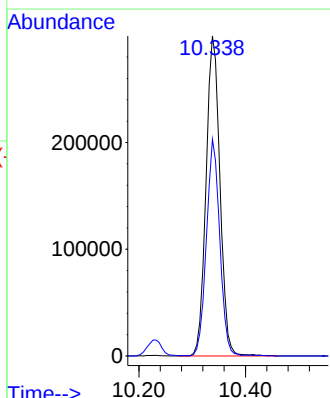
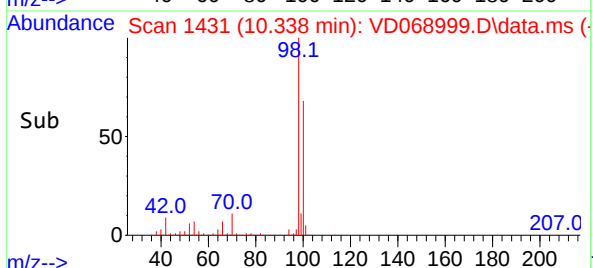
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#50  
Toluene-d8  
Concen: 52.41 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



Tgt Ion: 98 Resp: 543761  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.8 77.6





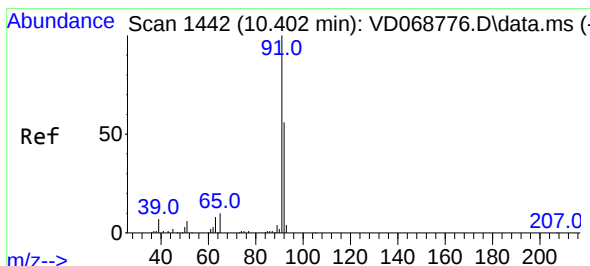
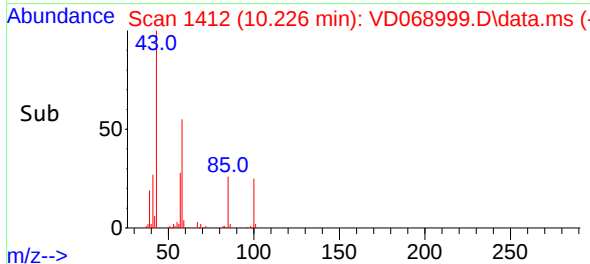
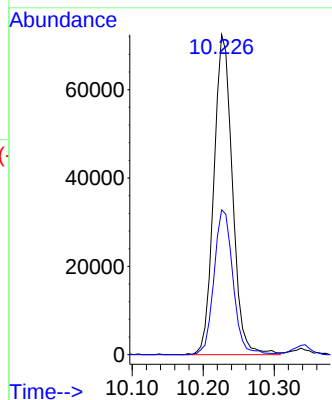
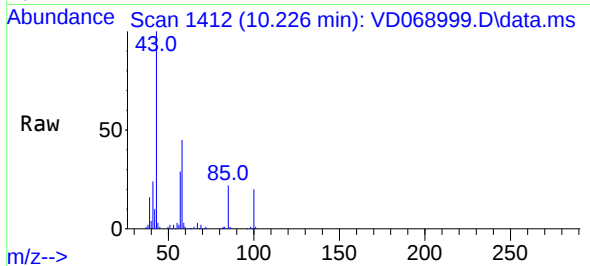
#51  
4-Methyl-2-Pentanone  
Concen: 101.86 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 43 Resp: 131578  
Ion Ratio Lower Upper  
43 100  
58 46.3 37.3 55.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

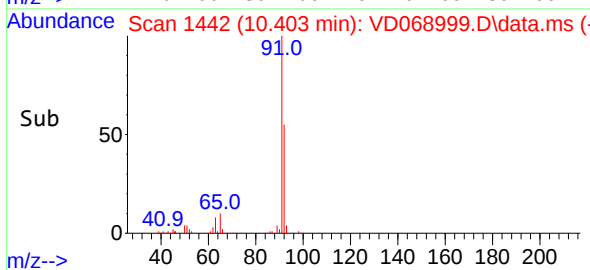
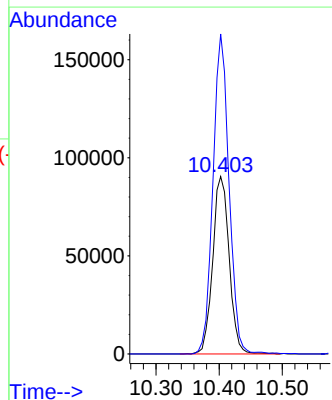
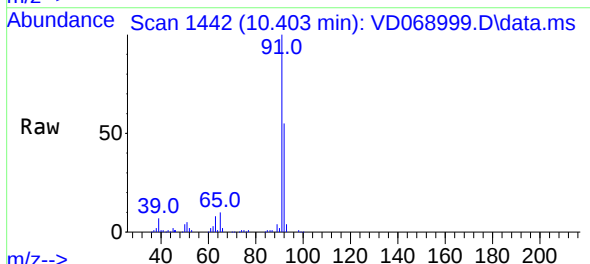
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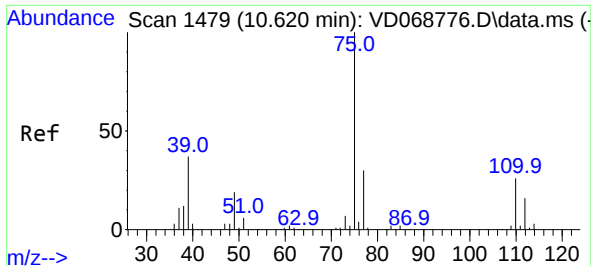
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#52  
Toluene  
Concen: 20.66 ug/l  
RT: 10.403 min Scan# 1442  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 92 Resp: 163813  
Ion Ratio Lower Upper  
92 100  
91 175.9 139.1 208.7





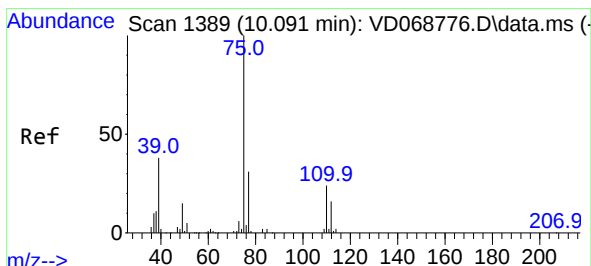
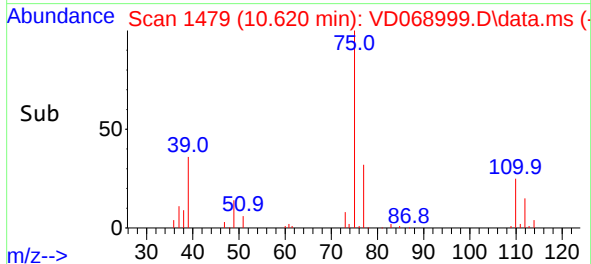
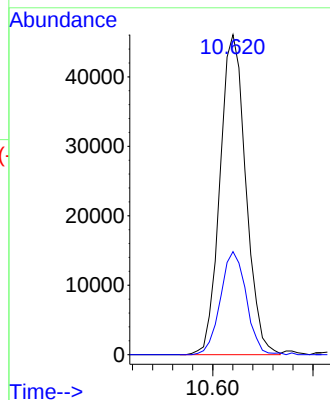
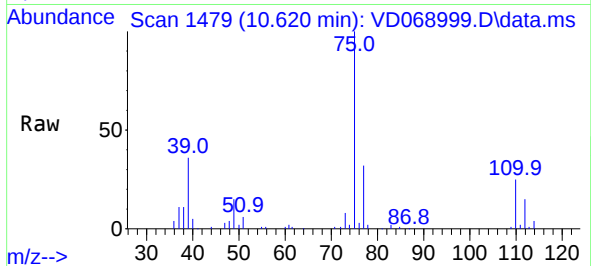
#53  
t-1,3-Dichloropropene  
Concen: 21.29 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 75 Resp: 82151  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

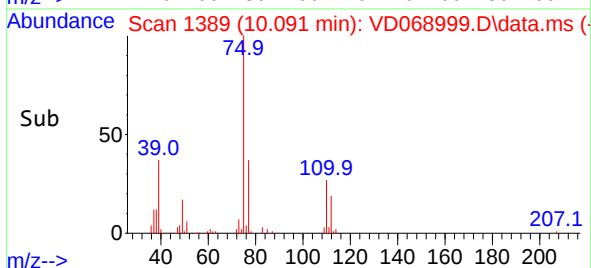
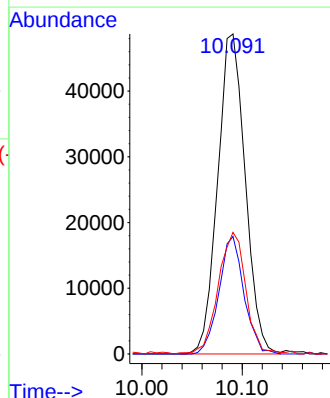
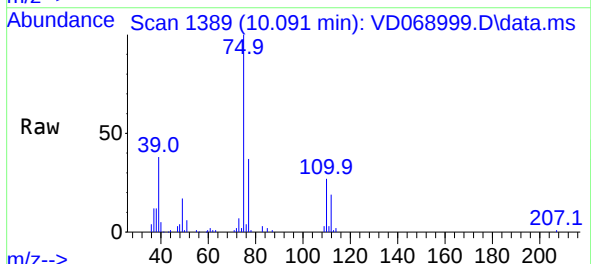
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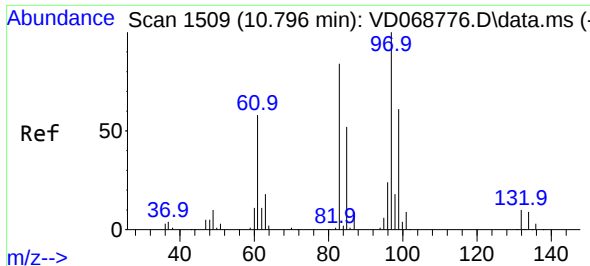
MMDadoda  
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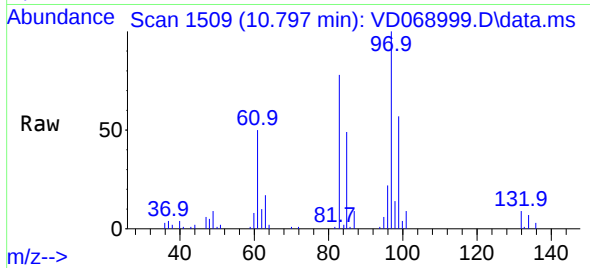
#54  
cis-1,3-Dichloropropene  
Concen: 20.07 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 75 Resp: 92647  
Ion Ratio Lower Upper  
75 100  
77 36.7 24.7 37.1  
39 37.6 30.2 45.2

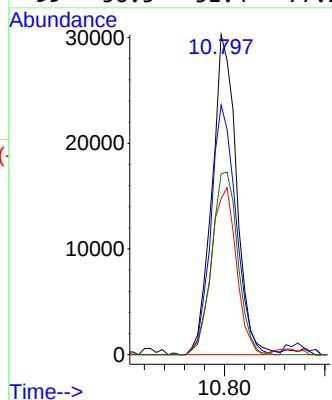




#55  
1,1,2-Trichloroethane  
Concen: 21.81 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



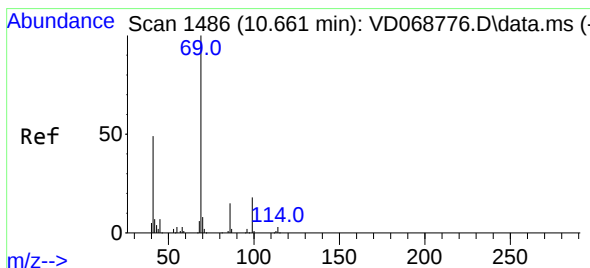
| Tgt Ion: | 97    | Resp: | 51380 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 78.0  | 65.7  | 98.5  |
| 85       | 48.8  | 44.3  | 66.5  |
| 99       | 56.5  | 51.4  | 77.2  |



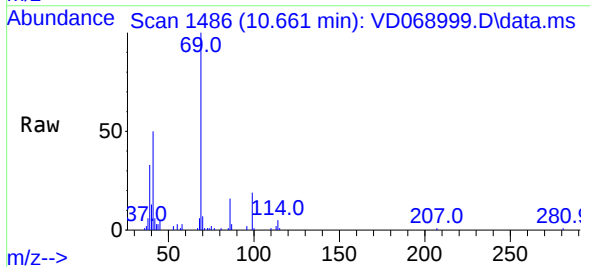
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

Manual Integrations  
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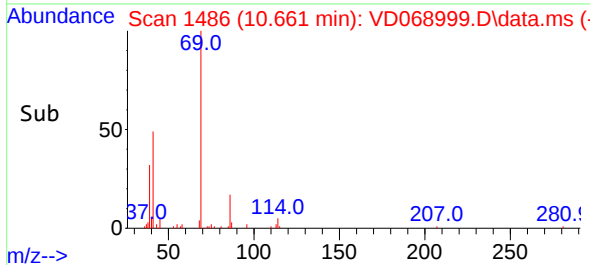
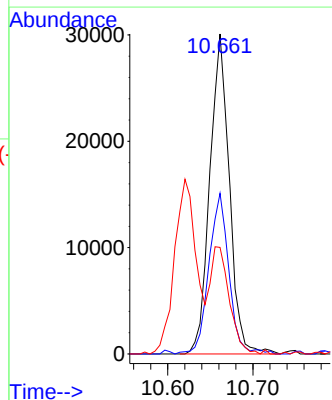
MMDadoda  
4/29/2021 5:51:33 PM

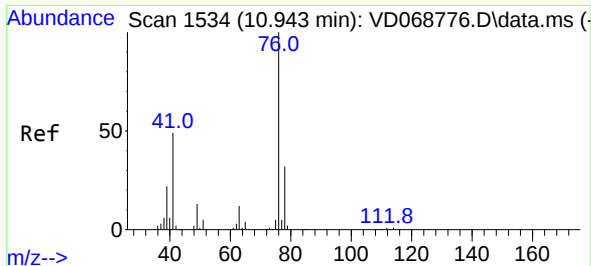


#56  
Ethyl methacrylate  
Concen: 19.76 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



| Tgt Ion: | 69    | Resp: | 47934 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 51.4  | 42.2  | 63.4  |
| 39       | 32.5  | 24.2  | 36.2  |





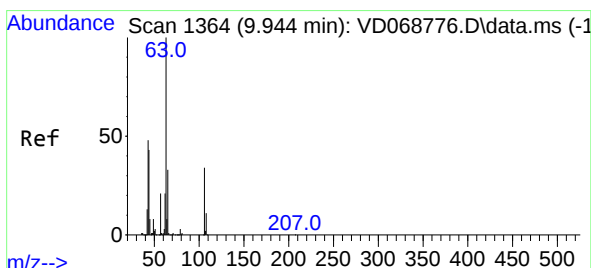
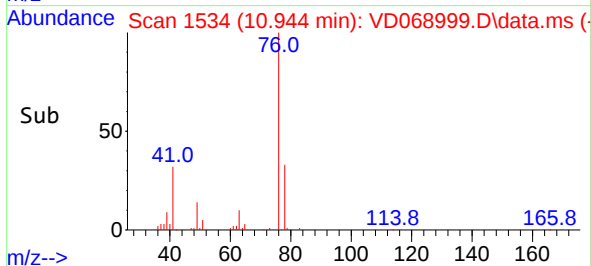
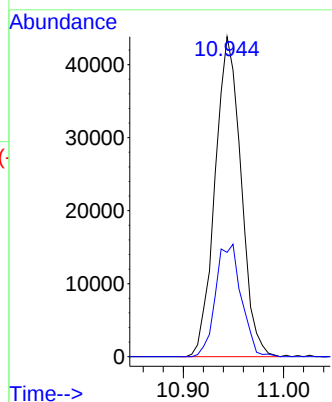
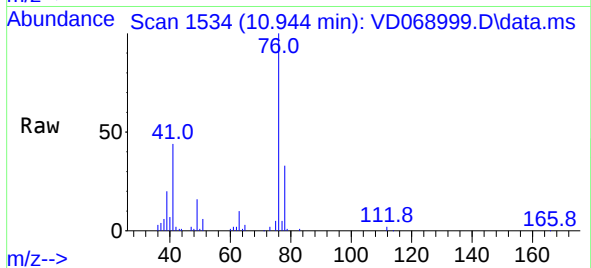
#57  
1,3-Dichloropropane  
Concen: 20.33 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 76 Resp: 78890  
Ion Ratio Lower Upper  
76 100  
78 34.8 25.8 38.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

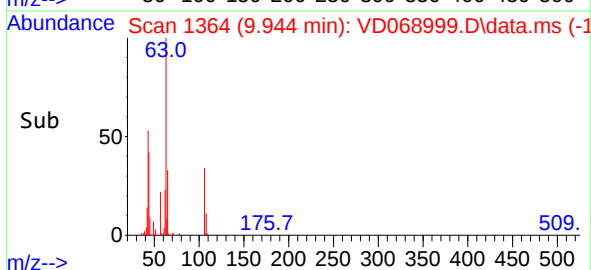
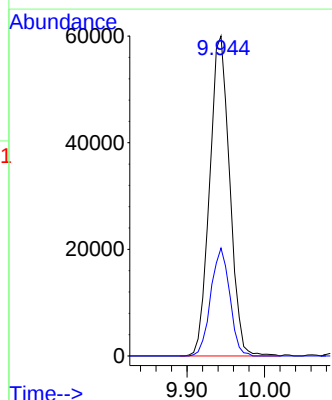
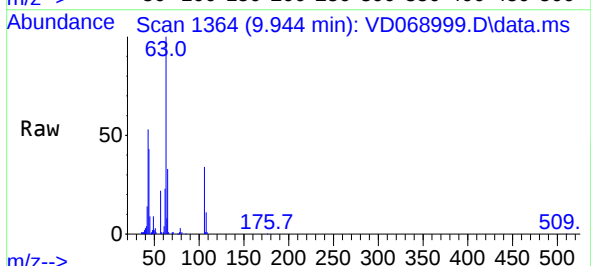
Manual Integrations  
APPROVED

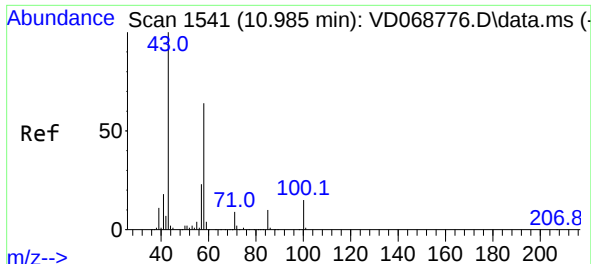
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#58  
2-Chloroethyl Vinyl ether  
Concen: 94.67 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

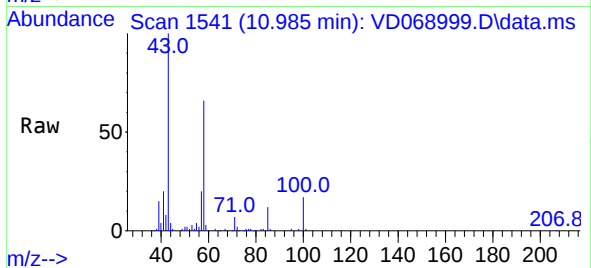
Tgt Ion: 63 Resp: 107626  
Ion Ratio Lower Upper  
63 100  
106 31.9 24.6 36.8





#59  
2-Hexanone  
Concen: 101.93 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

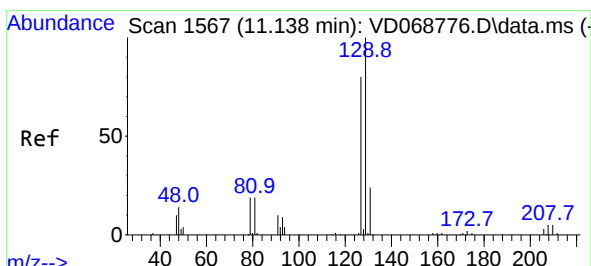
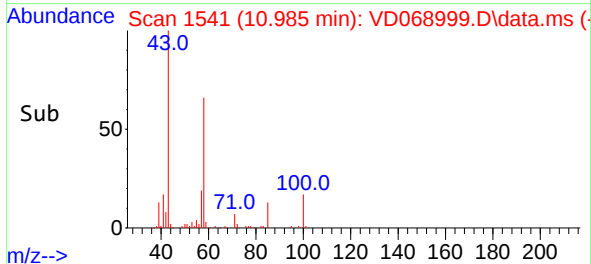
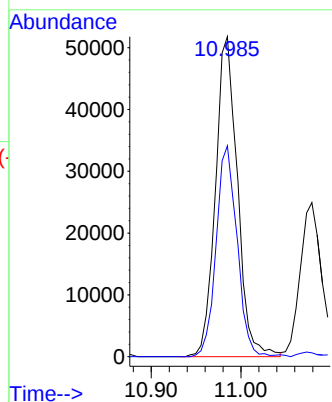
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01



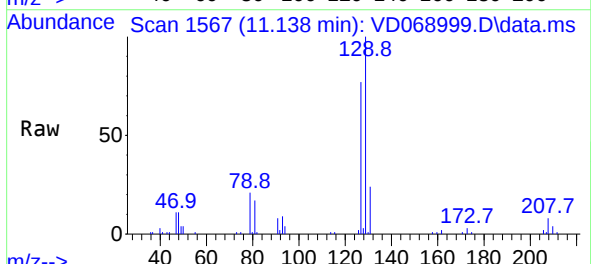
Tgt Ion: 43 Resp: 88098  
Ion Ratio Lower Upper  
43 100  
58 62.8 31.3 93.8

Manual Integrations  
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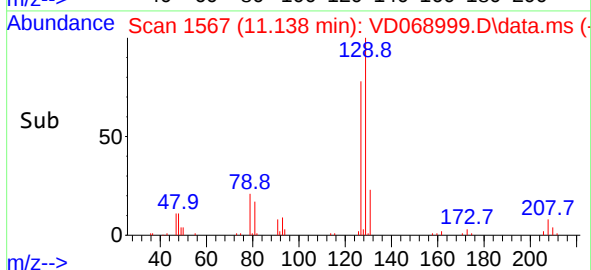
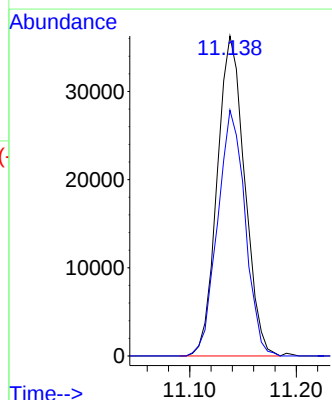
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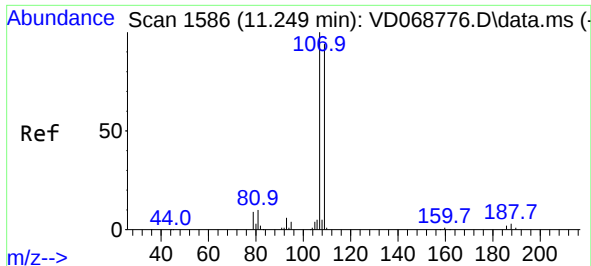


#60  
Dibromochloromethane  
Concen: 22.00 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



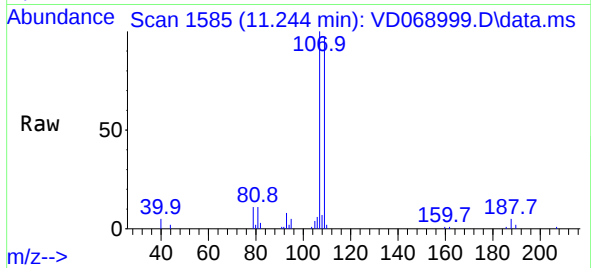
Tgt Ion: 129 Resp: 65011  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.8 116.3





#61  
1,2-Dibromoethane  
Concen: 21.26 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. -0.005 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

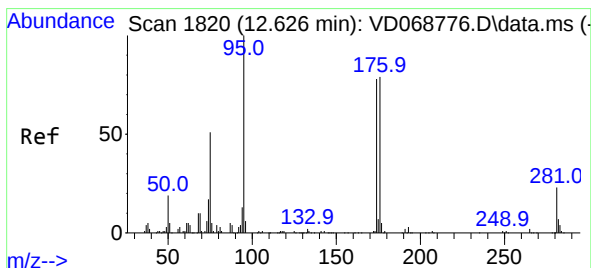
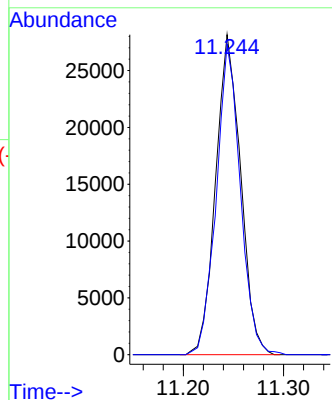
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01



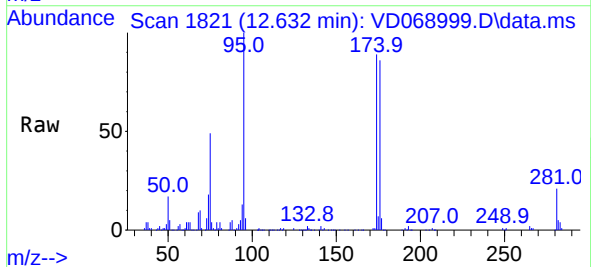
Tgt Ion:107 Resp: 48678  
Ion Ratio Lower Upper  
107 100  
109 93.5 74.9 112.3

Manual Integrations  
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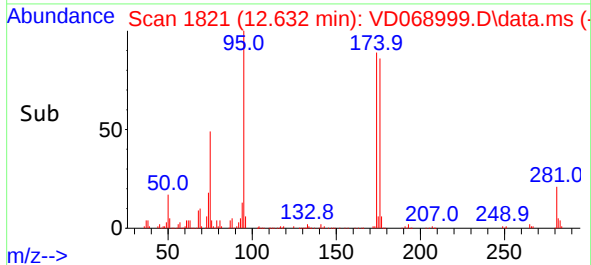
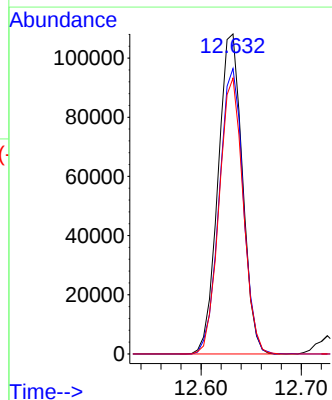
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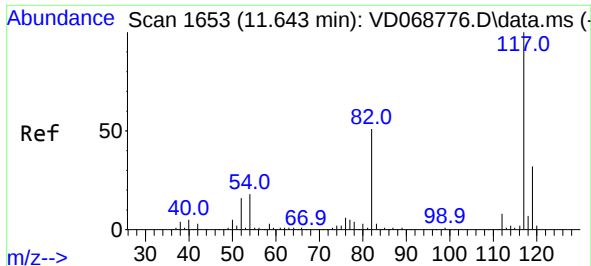


#62  
4-Bromofluorobenzene  
Concen: 52.94 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



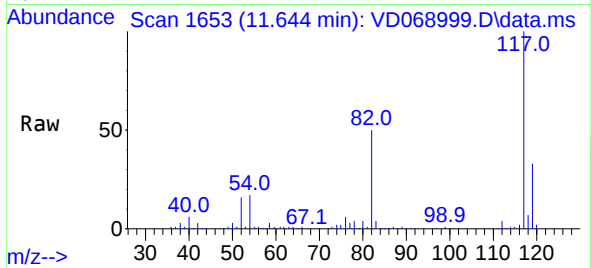
Tgt Ion: 95 Resp: 182435  
Ion Ratio Lower Upper  
95 100  
174 87.8 0.0 168.0  
176 84.6 0.0 160.2





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

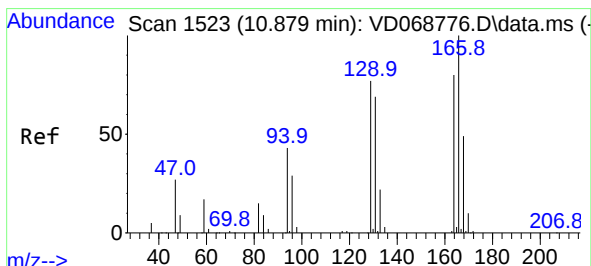
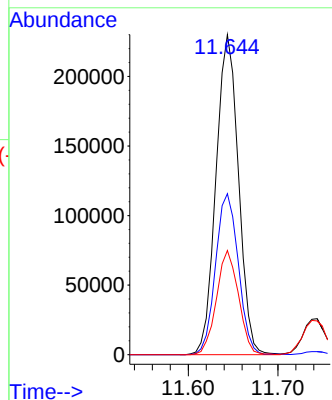
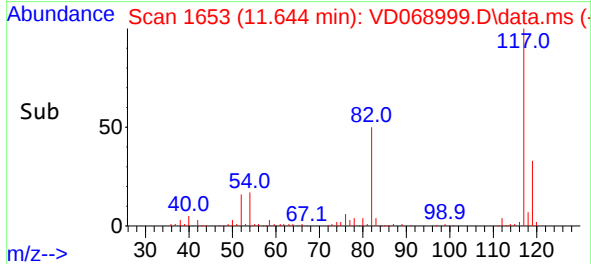
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBS01



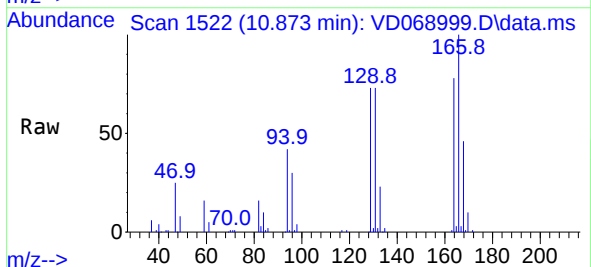
Tgt Ion:117 Resp: 400671  
Ion Ratio Lower Upper  
117 100  
82 50.3 43.5 65.3  
119 32.6 26.7 40.1

Manual Integrations  
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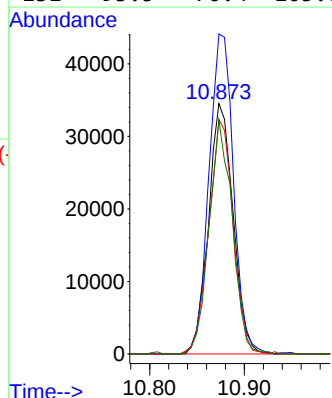
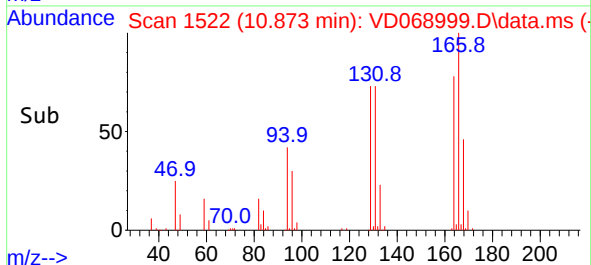
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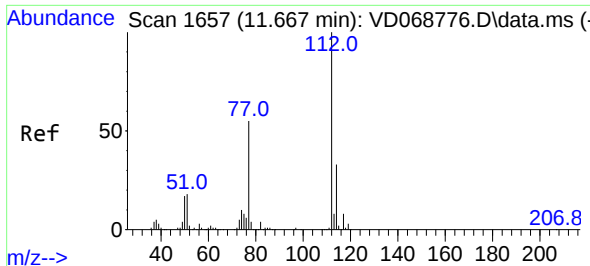


#64  
Tetrachloroethene  
Concen: 22.22 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



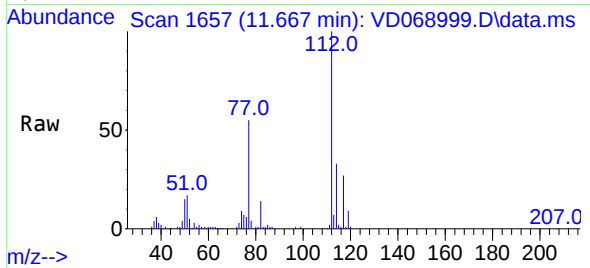
Tgt Ion:164 Resp: 62418  
Ion Ratio Lower Upper  
164 100  
166 127.8 103.0 154.6  
129 93.6 77.4 116.0  
131 93.5 70.4 105.6





#65  
Chlorobenzene  
Concen: 20.86 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

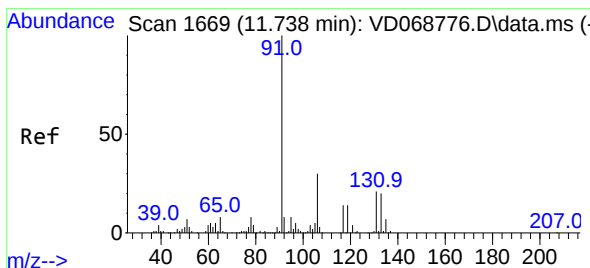
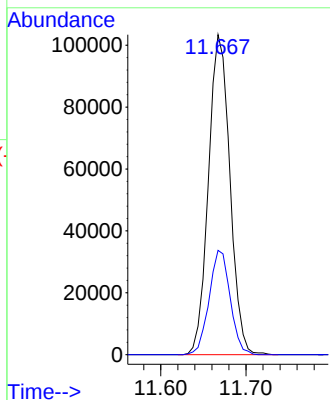
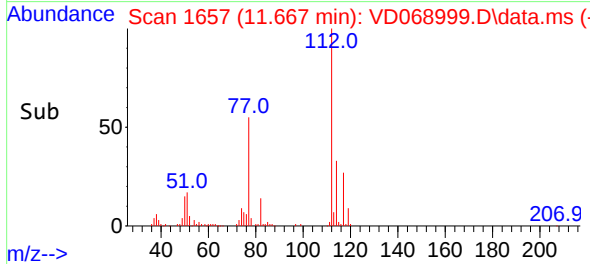
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01



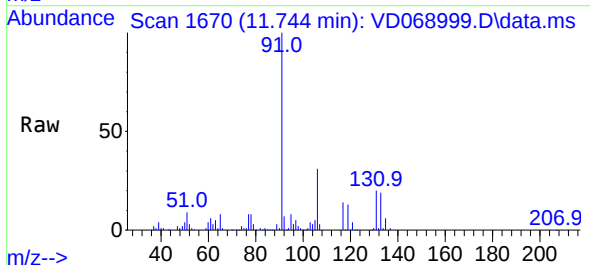
Tgt Ion:112 Resp: 180967  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.2 37.8

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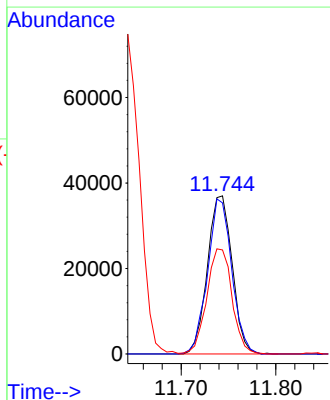
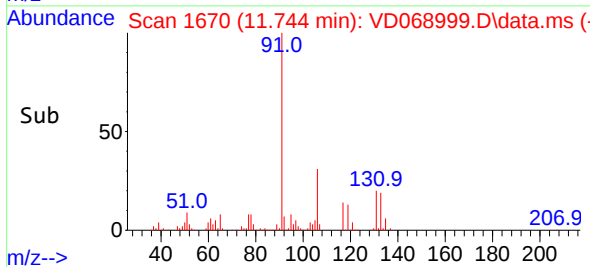
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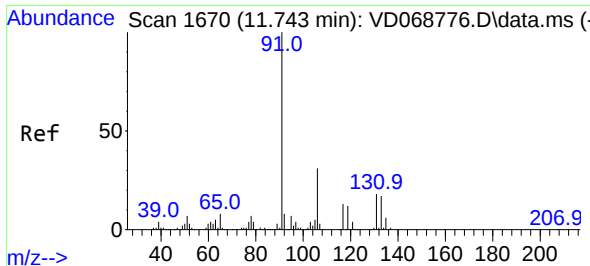


#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.49 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



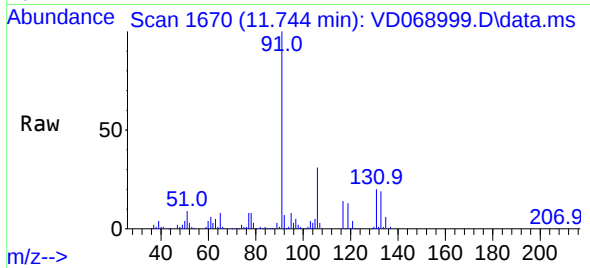
Tgt Ion:131 Resp: 67008  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.0 141.2  
119 67.9 32.8 98.3





#67  
Ethyl Benzene  
Concen: 20.01 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

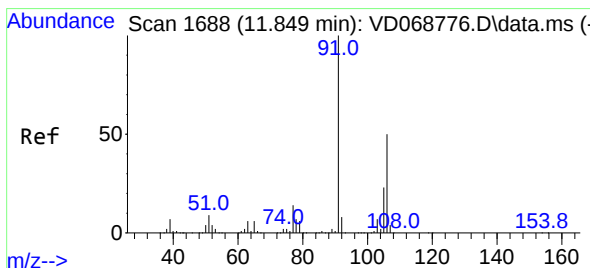
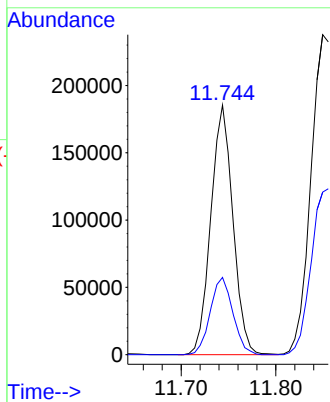
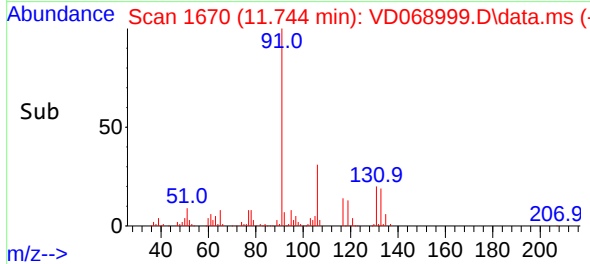
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01



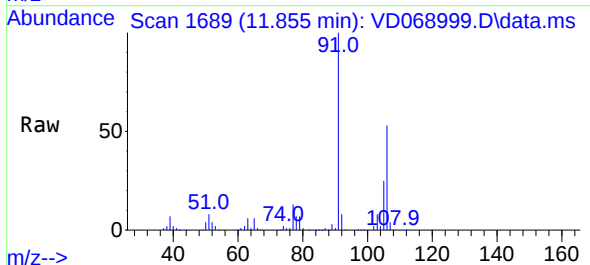
Tgt Ion: 91 Resp: 300584  
Ion Ratio Lower Upper  
91 100  
106 31.0 25.1 37.7

Manual Integrations  
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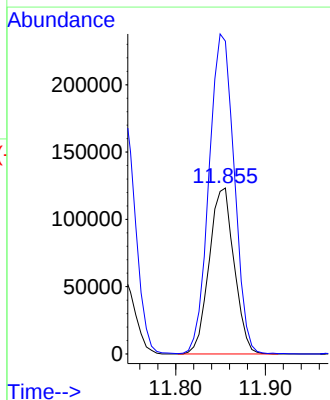
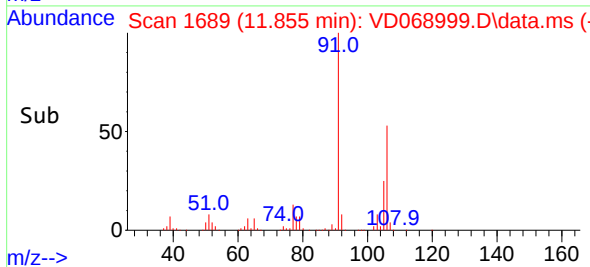
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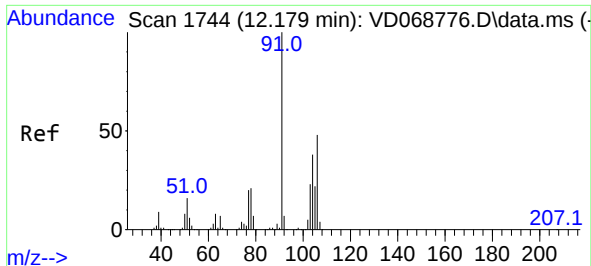


#68  
m/p-Xylenes  
Concen: 41.09 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



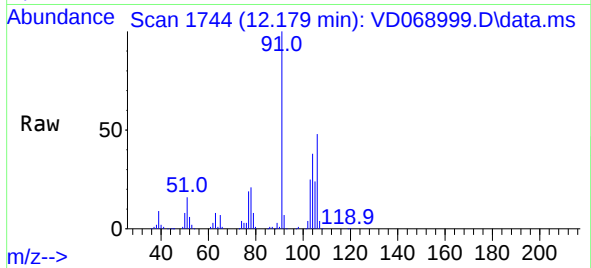
Tgt Ion: 106 Resp: 238125  
Ion Ratio Lower Upper  
106 100  
91 195.2 158.6 238.0





#69  
o-Xylene  
Concen: 20.63 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

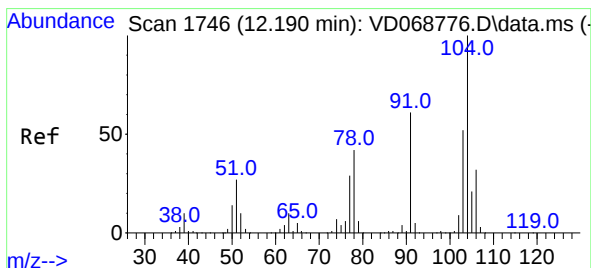
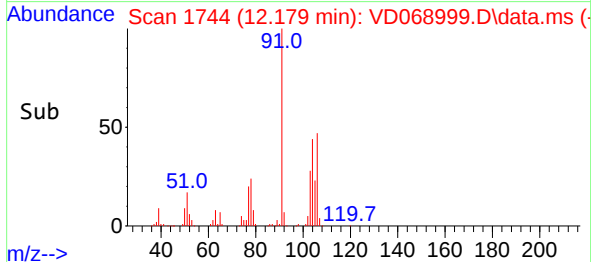
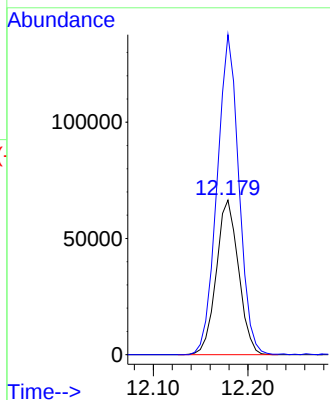
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01



Tgt Ion:106 Resp: 108696  
Ion Ratio Lower Upper  
106 100  
91 203.2 105.0 315.0

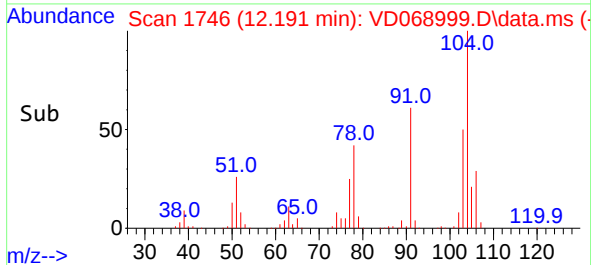
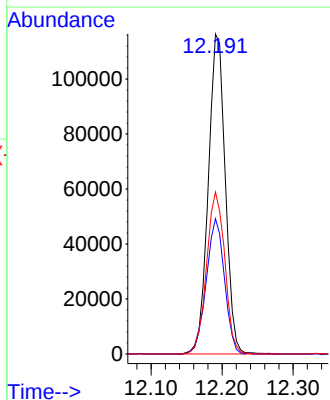
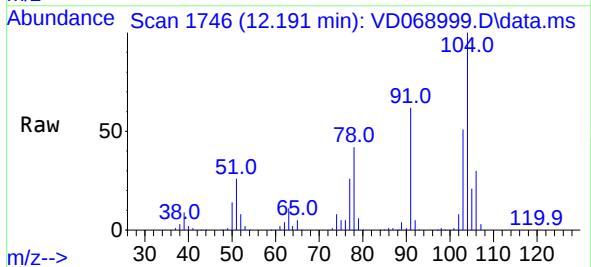
Manual Integrations  
APPROVED

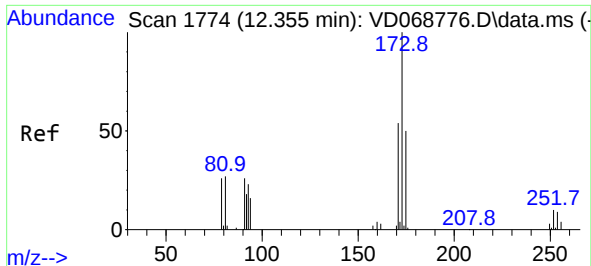
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4/29/2021 5:51:33 PM



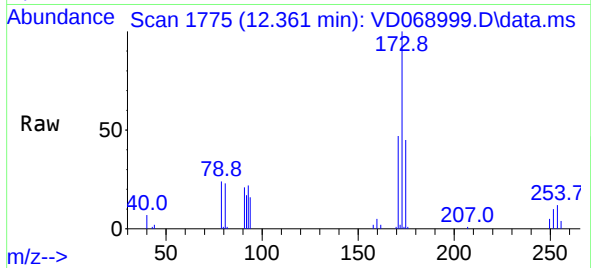
#70  
Styrene  
Concen: 21.06 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion:104 Resp: 193424  
Ion Ratio Lower Upper  
104 100  
78 45.4 36.9 55.3  
103 54.3 44.3 66.5

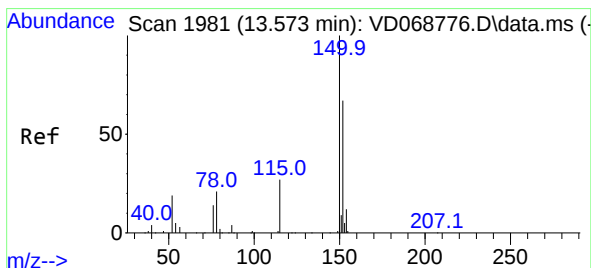
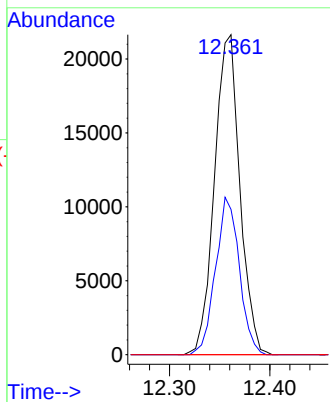
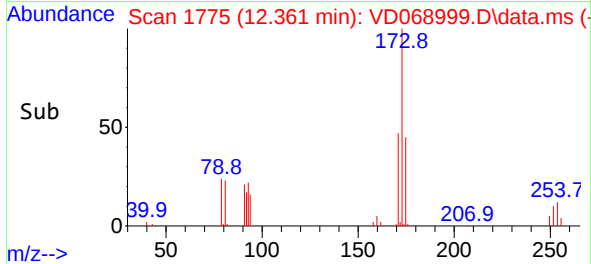




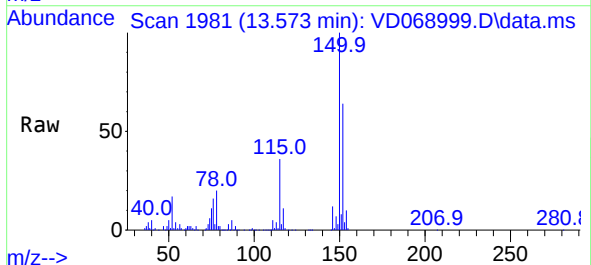
#71  
Bromoform  
Concen: 22.75 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



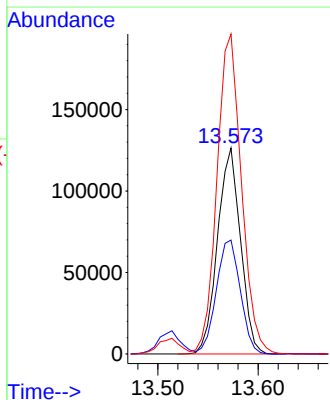
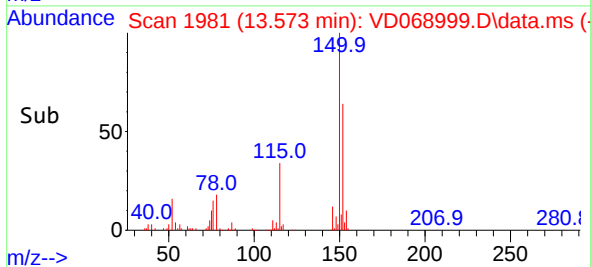
Tgt Ion:173 Resp: 38001  
Ion Ratio Lower Upper  
173 100  
175 46.1 23.6 71.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



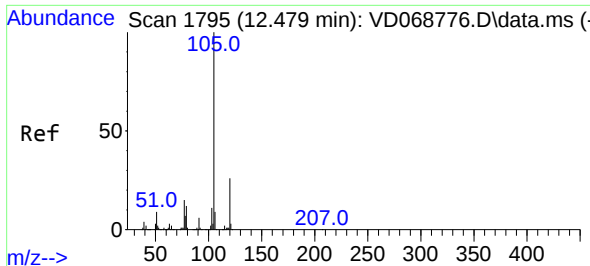
Tgt Ion:152 Resp: 200920  
Ion Ratio Lower Upper  
152 100  
115 57.7 29.3 87.8  
150 165.9 0.0 347.6



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

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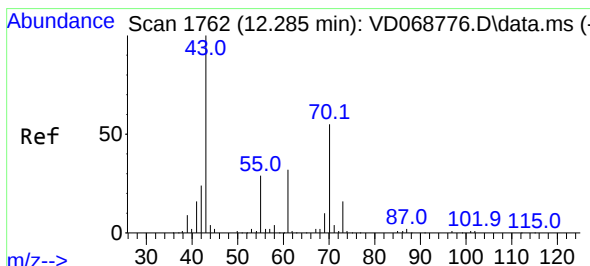
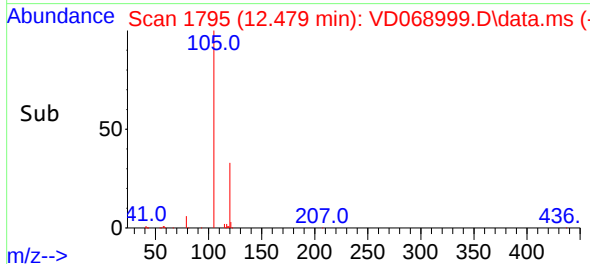
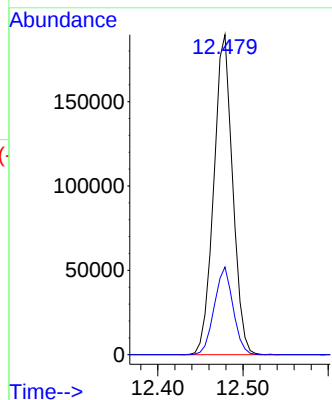
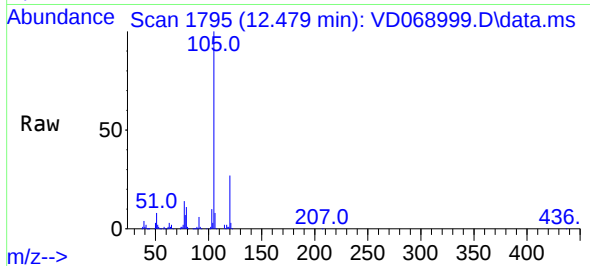
#73  
Isopropylbenzene  
Concen: 19.93 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 105 Resp: 292422  
Ion Ratio Lower Upper  
105 100  
120 27.2 13.4 40.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

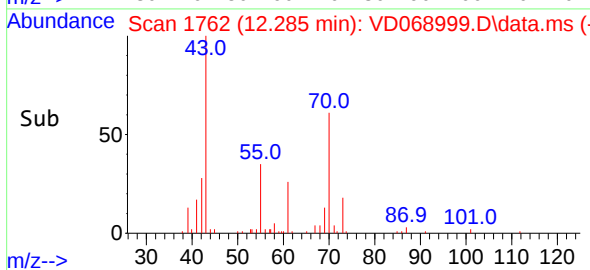
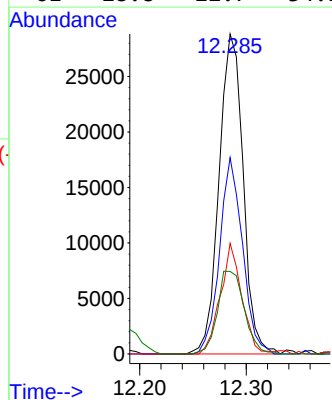
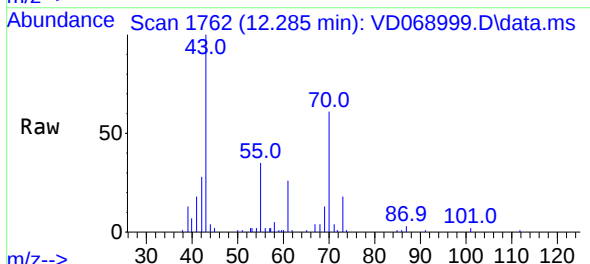
Manual Integrations  
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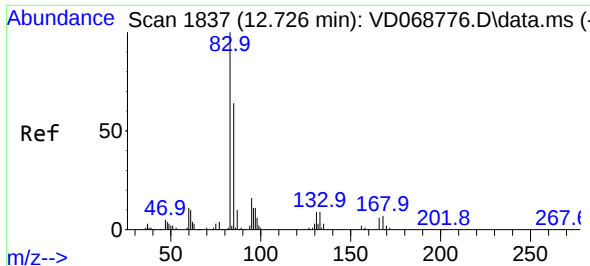
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#74  
N-ethyl acetate  
Concen: 18.18 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Tgt Ion: 43 Resp: 45241  
Ion Ratio Lower Upper  
43 100  
70 58.4 41.9 62.9  
55 31.0 22.8 34.2  
61 28.8 22.7 34.1





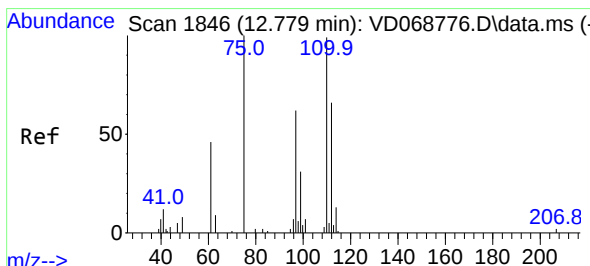
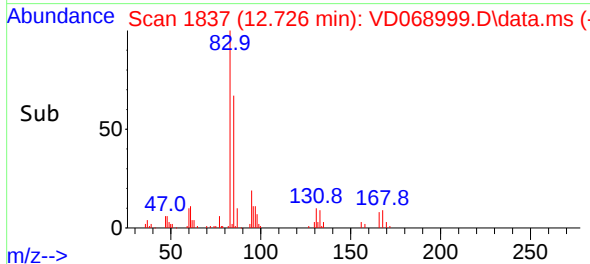
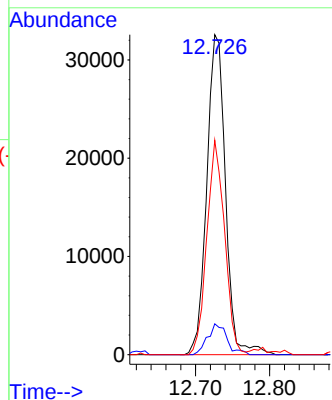
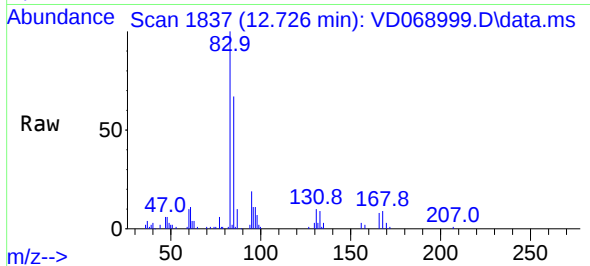
#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.85 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 57160 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.0  | 5.1   | 15.3  |
| 85        | 63.7  | 32.0  | 96.0  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

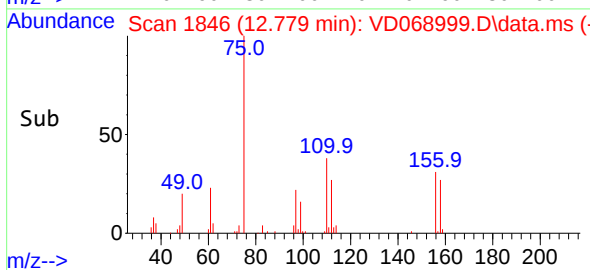
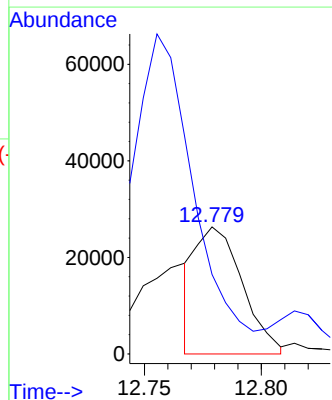
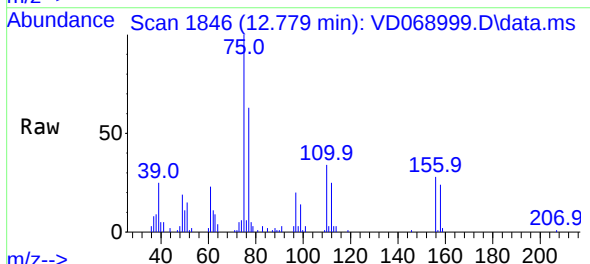
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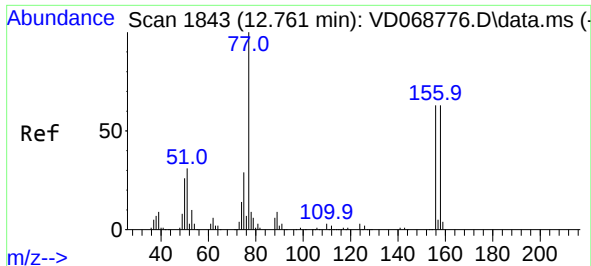
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#76  
1,2,3-Trichloropropane  
Concen: 19.94 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 36608 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





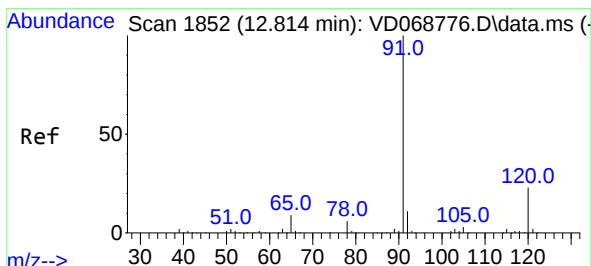
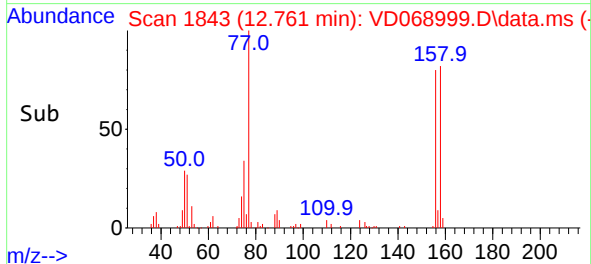
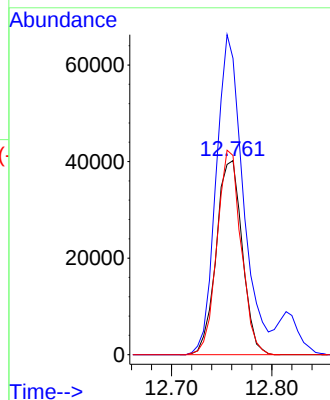
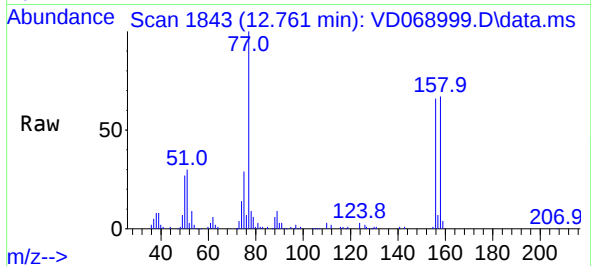
#77  
Bromobenzene  
Concen: 20.48 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

| Tgt Ion: | 156   | Resp: | 72233 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 170.9 | 88.9  | 266.8 |
| 158      | 98.0  | 47.7  | 143.1 |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

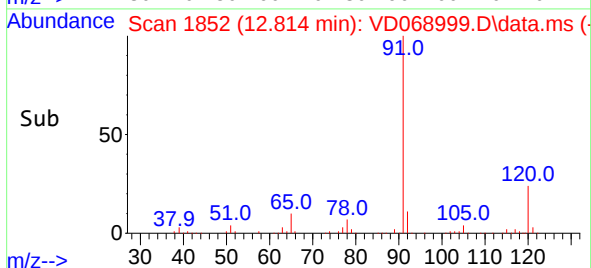
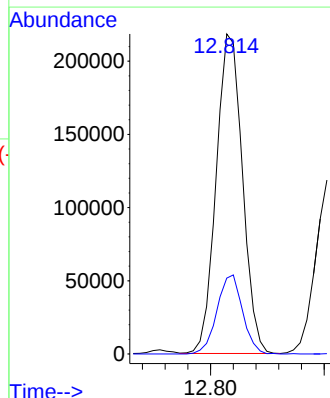
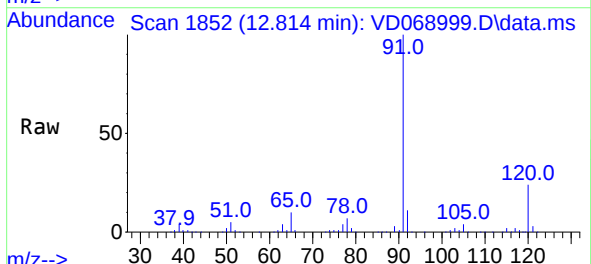
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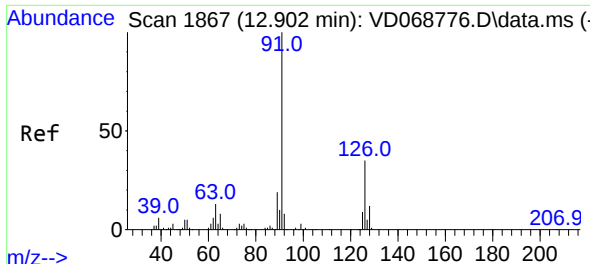
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#78  
n-propylbenzene  
Concen: 19.68 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

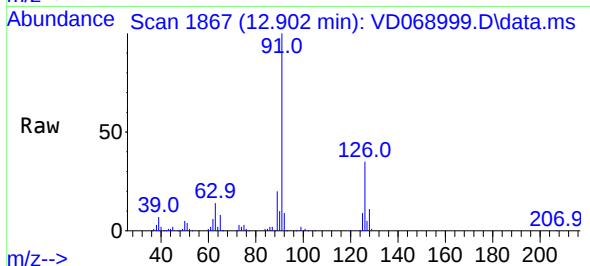
| Tgt Ion: | 91    | Resp: | 350637 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 24.0  | 11.4  | 34.2   |





#79  
2-Chlorotoluene  
Concen: 19.92 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

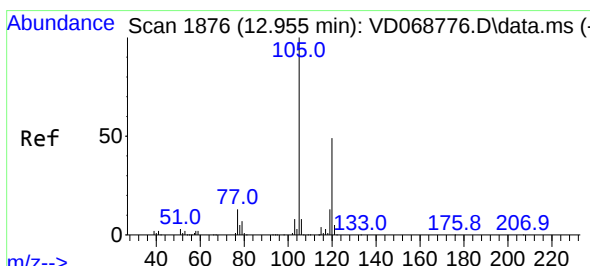
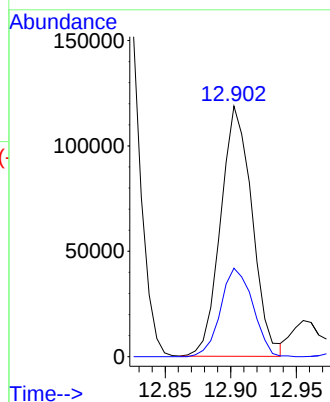
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBS01



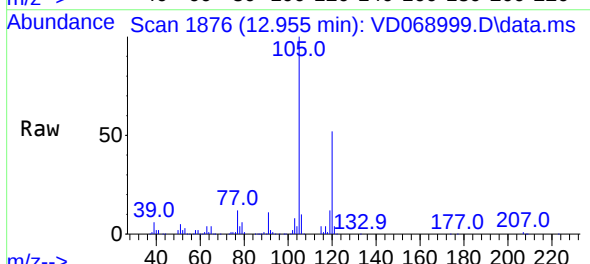
Tgt Ion: 91 Resp: 198264  
Ion Ratio Lower Upper  
91 100  
126 36.1 17.1 51.3

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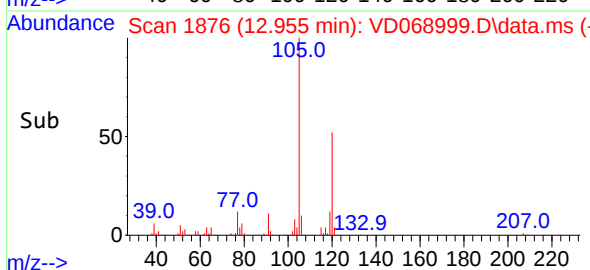
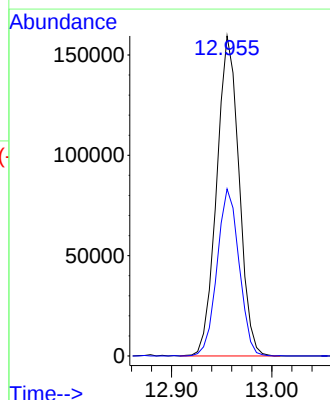
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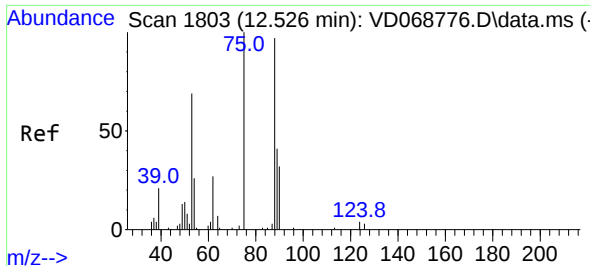


#80  
1,3,5-Trimethylbenzene  
Concen: 20.16 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

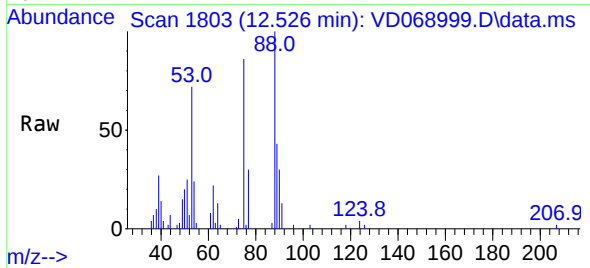


Tgt Ion: 105 Resp: 247282  
Ion Ratio Lower Upper  
105 100  
120 51.2 24.9 74.7

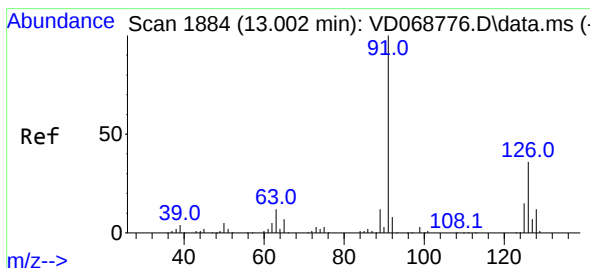
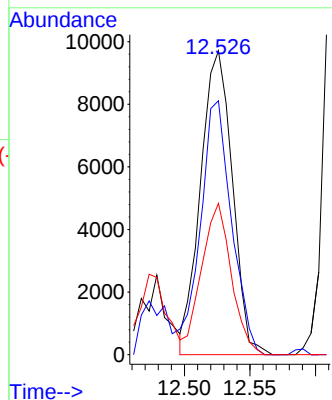
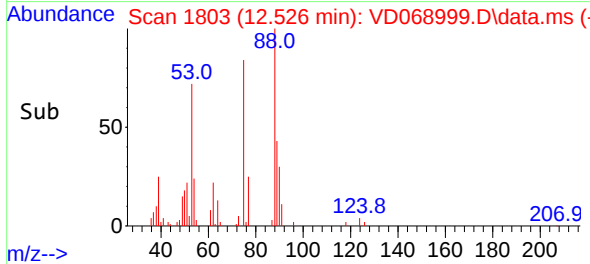




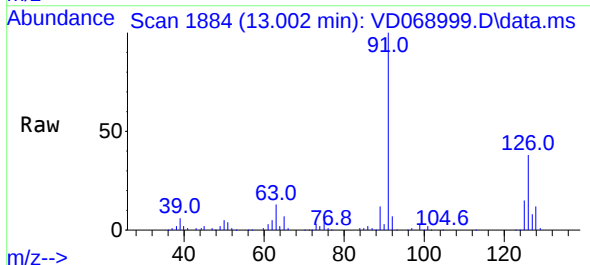
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.72 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



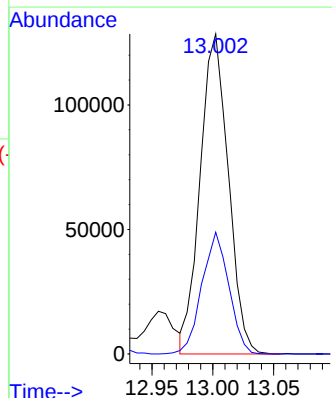
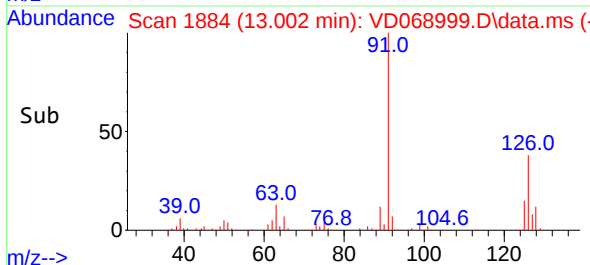
Tgt Ion: 75 Resp: 16388  
Ion Ratio Lower Upper  
75 100  
53 82.4 66.8 100.2  
89 46.8 36.6 54.8



#82  
4-Chlorotoluene  
Concen: 19.63 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



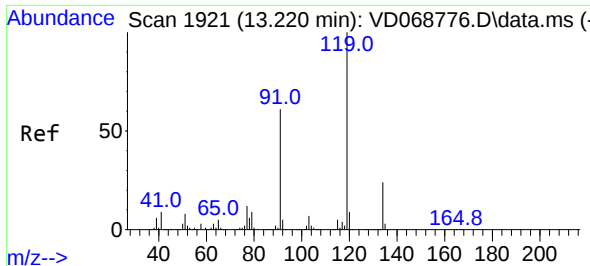
Tgt Ion: 91 Resp: 207145  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.2 51.5



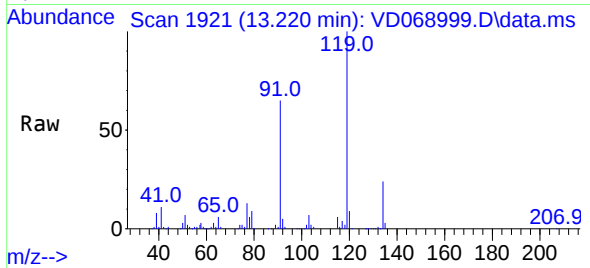
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

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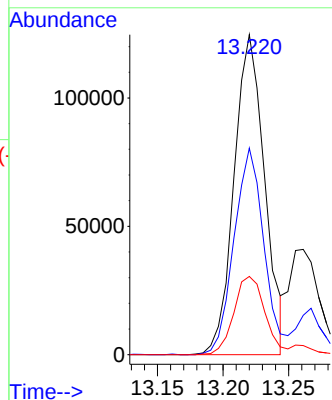
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#83  
tert-Butylbenzene  
Concen: 19.42 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



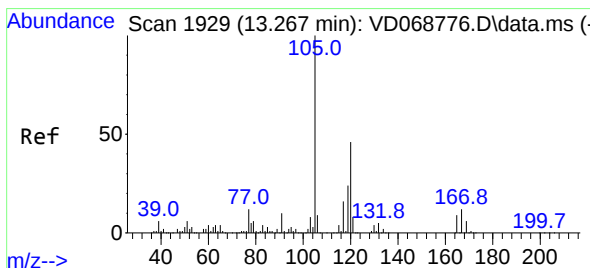
Tgt Ion:119 Resp: 202061  
Ion Ratio Lower Upper  
119 100  
91 63.4 31.6 95.0  
134 24.9 13.4 40.2



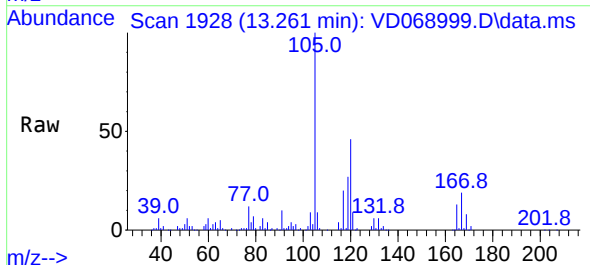
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

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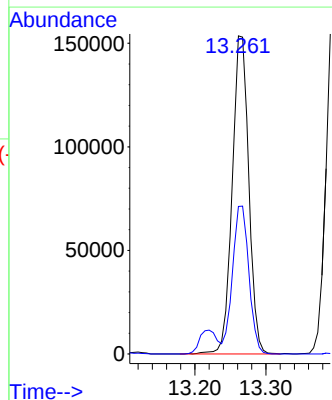
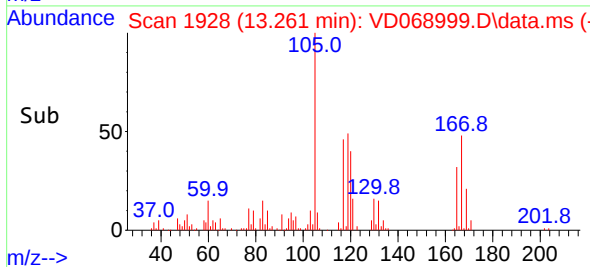
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4/29/2021 5:51:33 PM

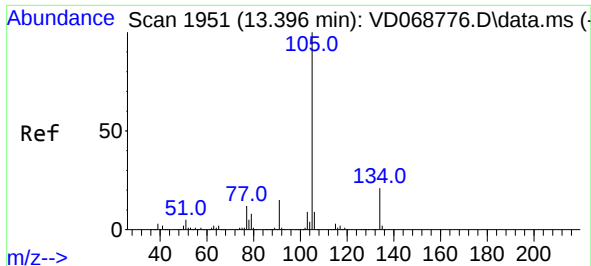


#84  
1,2,4-Trimethylbenzene  
Concen: 20.09 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



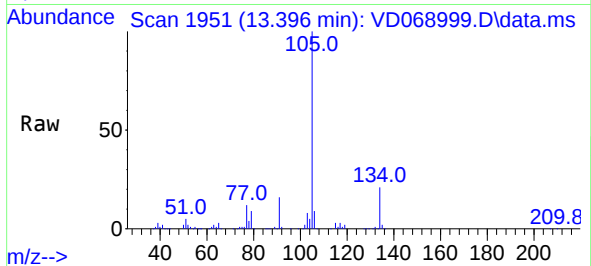
Tgt Ion:105 Resp: 248876  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.6 67.7





#85  
sec-Butylbenzene  
Concen: 19.84 ug/l  
RT: 13.396 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

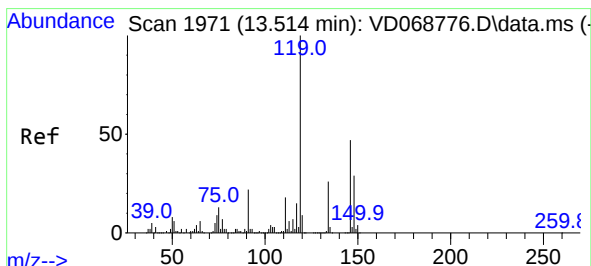
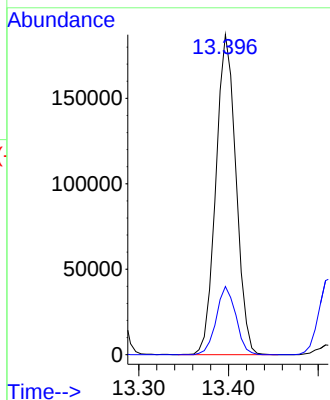
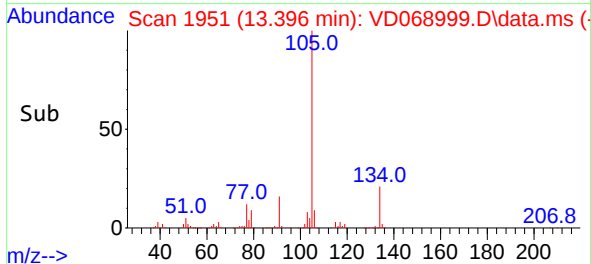
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01



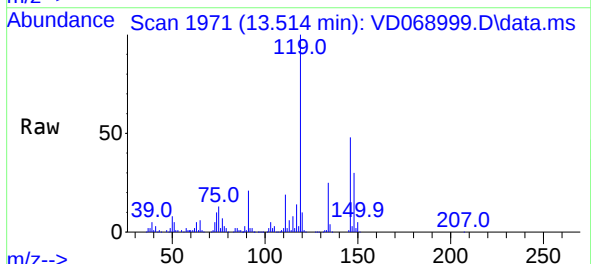
Tgt Ion:105 Resp: 291395  
Ion Ratio Lower Upper  
105 100  
134 20.7 10.0 29.8

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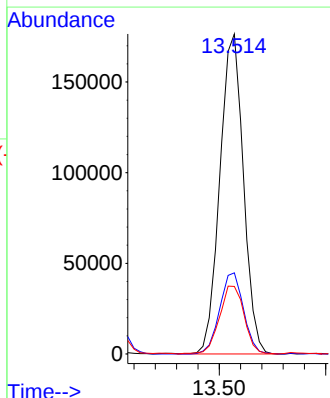
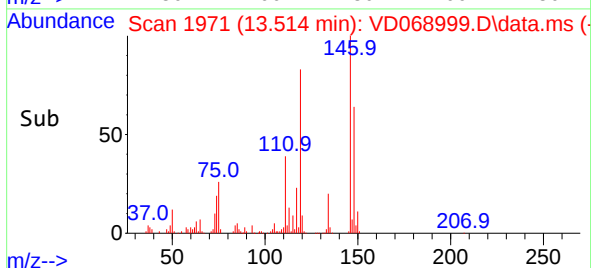
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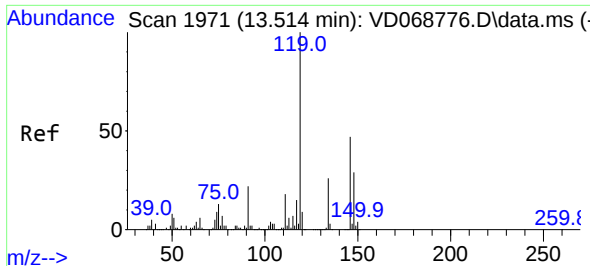


#86  
p-Isopropyltoluene  
Concen: 20.19 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

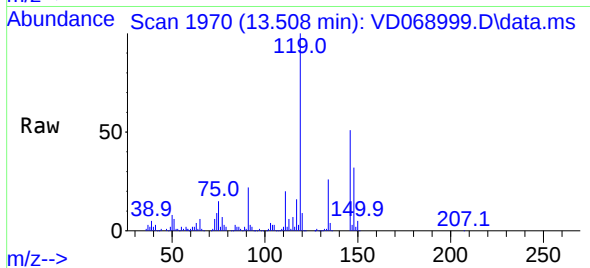


Tgt Ion:119 Resp: 270754  
Ion Ratio Lower Upper  
119 100  
134 25.6 13.3 39.9  
91 22.3 11.1 33.1

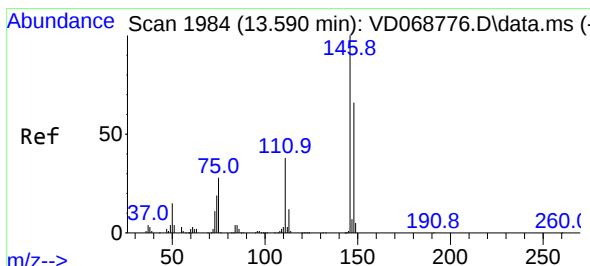
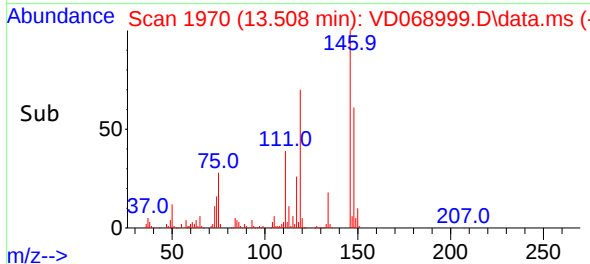
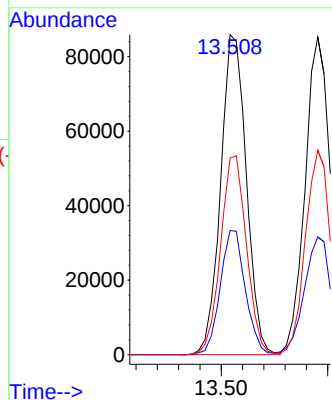




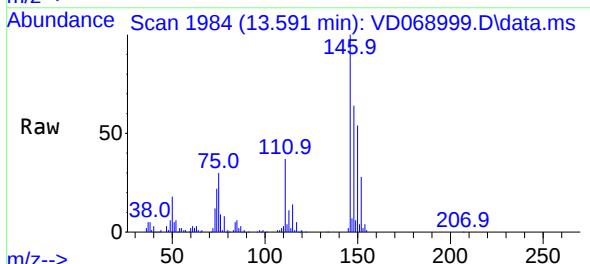
#87  
1,3-Dichlorobenzene  
Concen: 20.60 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



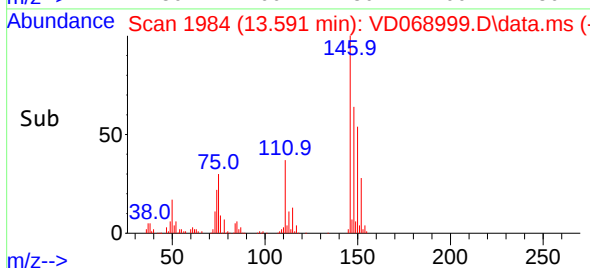
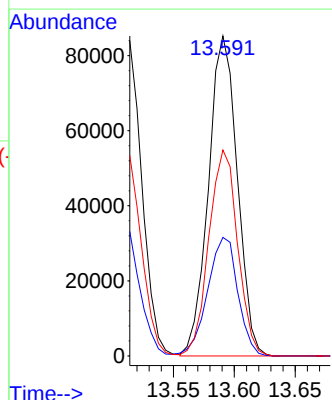
Tgt Ion:146 Resp: 143915  
Ion Ratio Lower Upper  
146 100  
111 37.9 19.3 57.8  
148 62.6 30.9 92.8



#88  
1,4-Dichlorobenzene  
Concen: 20.36 ug/l  
RT: 13.591 min Scan# 1984  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



Tgt Ion:146 Resp: 140827  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.1 57.1  
148 64.0 31.6 95.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

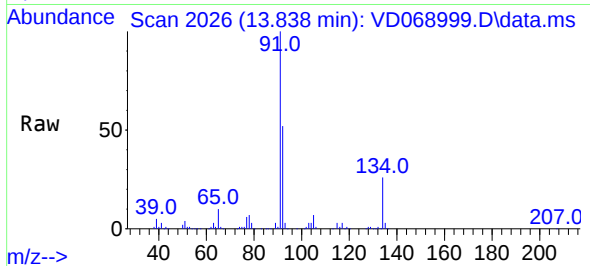
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#89  
n-Butylbenzene  
Concen: 19.59 ug/l  
RT: 13.838 min Scan# 2026  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

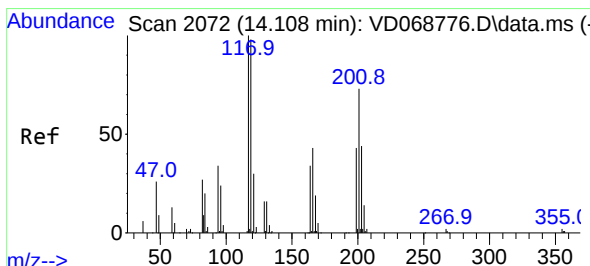
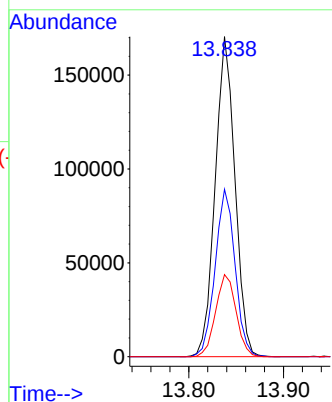


Tgt Ion: 91 Resp: 247448

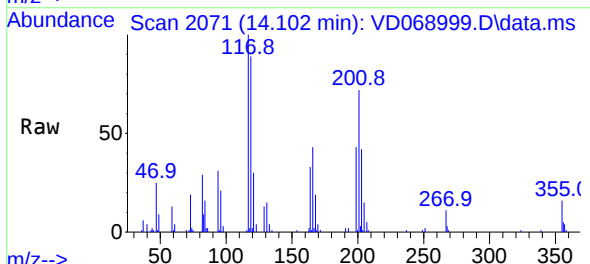
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.7  | 26.7  | 80.1  |
| 134 | 26.5  | 12.9  | 38.6  |

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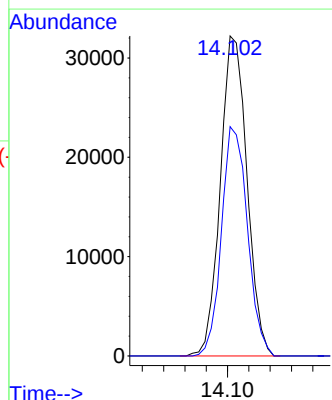
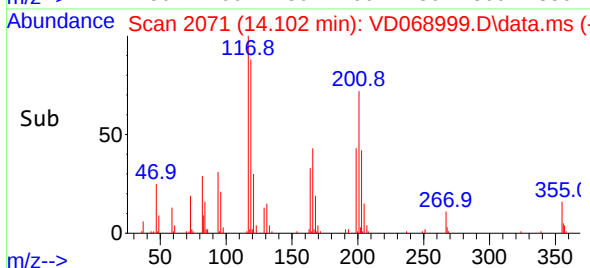


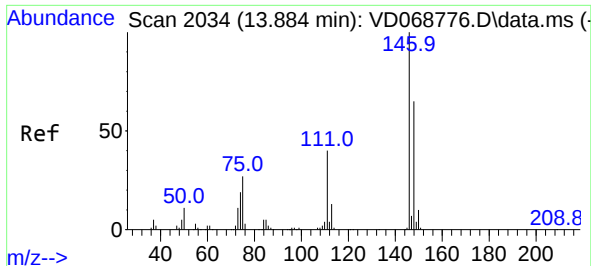
#90  
Hexachloroethane  
Concen: 20.93 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.006 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



Tgt Ion: 117 Resp: 55921

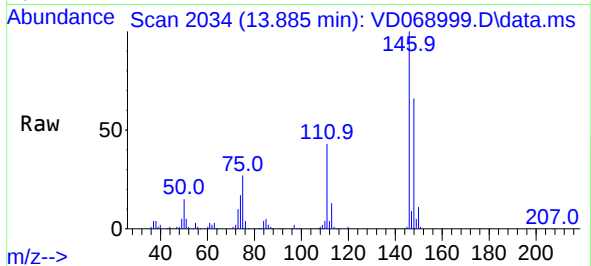
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 69.8  | 35.4  | 106.2 |





#91  
1,2-Dichlorobenzene  
Concen: 20.67 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. 0.001 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

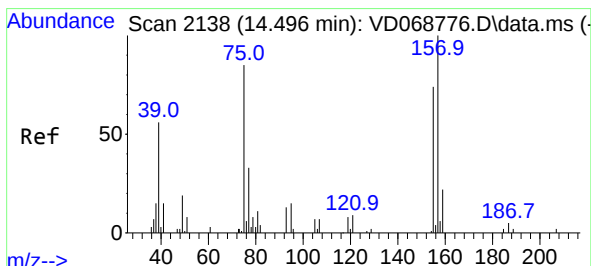
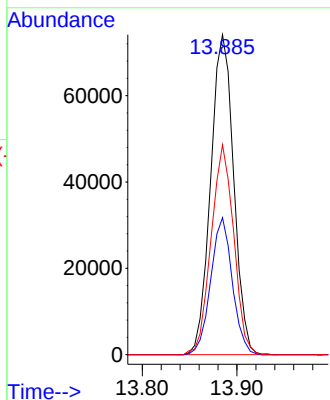
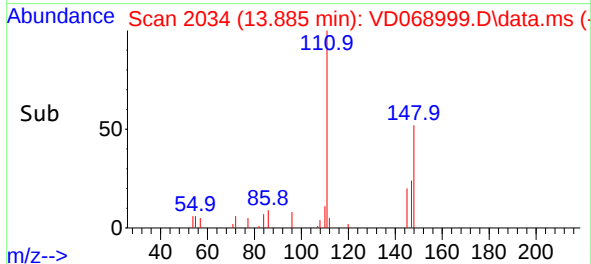
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01



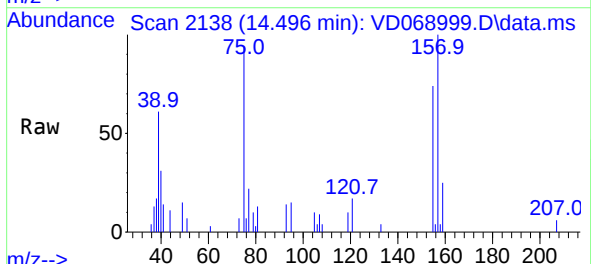
Tgt Ion:146 Resp: 124956  
Ion Ratio Lower Upper  
146 100  
111 40.2 20.3 60.9  
148 64.4 32.2 96.6

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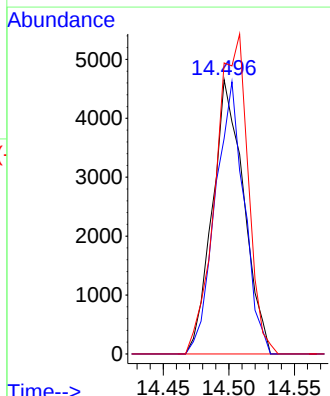
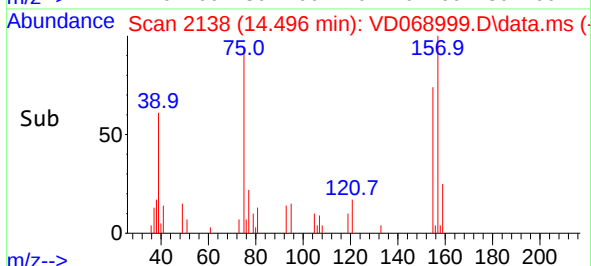
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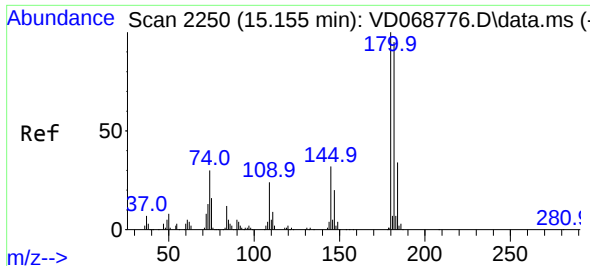


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.53 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40



Tgt Ion: 75 Resp: 7723  
Ion Ratio Lower Upper  
75 100  
155 91.7 46.8 140.3  
157 119.6 59.8 179.3





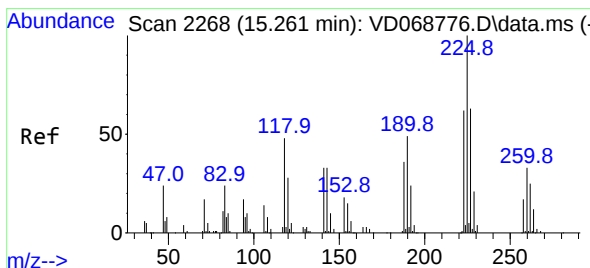
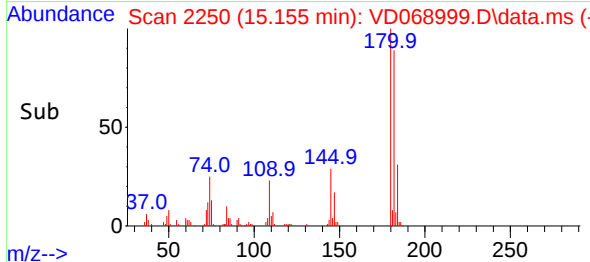
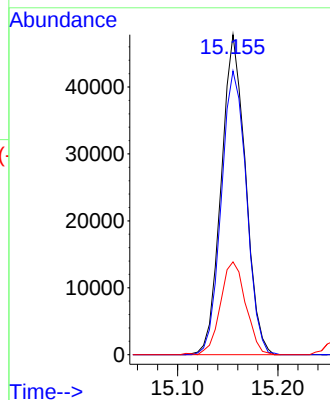
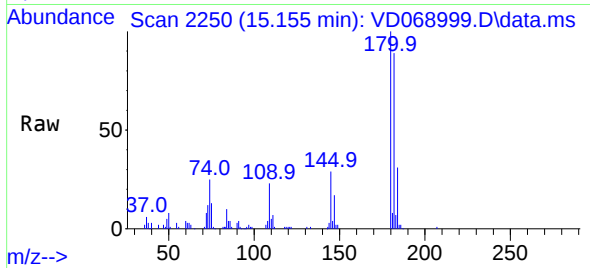
#93  
1,2,4-Trichlorobenzene  
Concen: 21.48 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 80359 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 91.5  | 47.9  | 143.8 |
| 145       | 30.3  | 15.2  | 45.6  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBS01

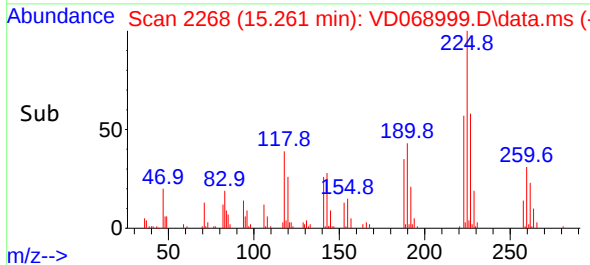
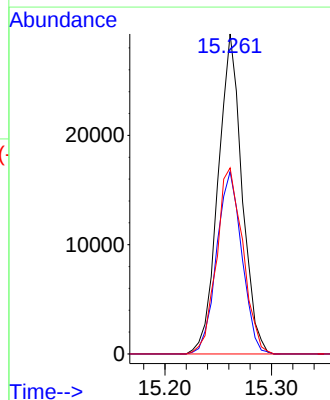
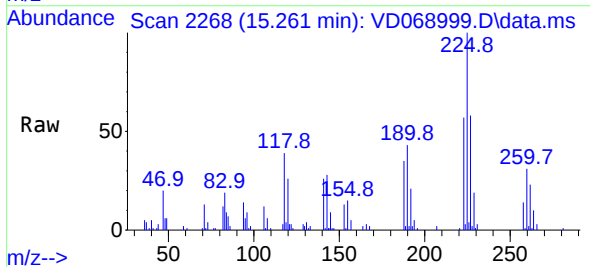
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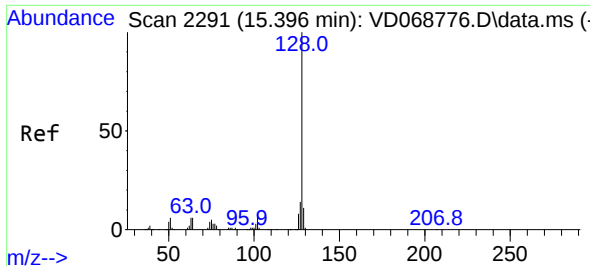
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#94  
Hexachlorobutadiene  
Concen: 21.32 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 45667 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 59.8  | 30.6  | 91.6  |
| 227       | 63.8  | 31.4  | 94.0  |





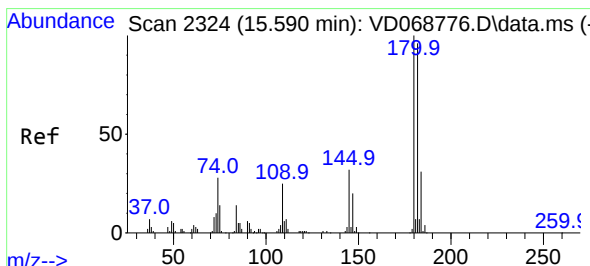
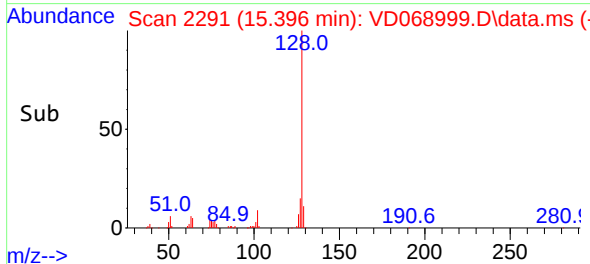
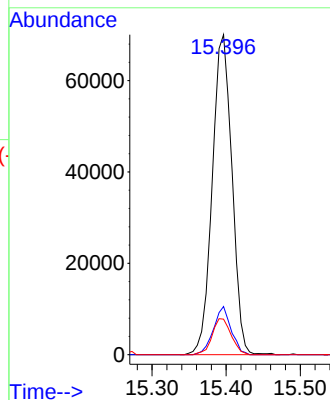
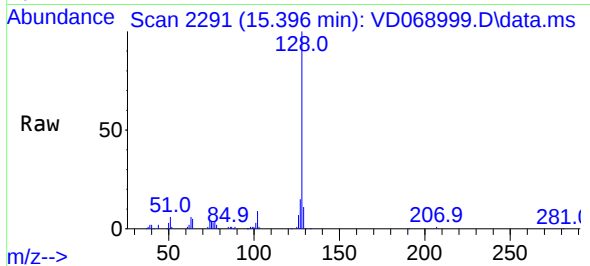
#95  
Naphthalene  
Concen: 19.83 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. 0.000 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 129248 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.5  | 10.2  | 15.4   |
| 129      | 10.9  | 8.9   | 13.3   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0428SBSD01

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 21.17 ug/l  
RT: 15.585 min Scan# 2323  
Delta R.T. -0.005 min  
Lab File: VD068999.D  
Acq: 28 Apr 2021 12:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 69263 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 94.7  | 46.5  | 139.3 |
| 145      | 31.7  | 15.8  | 47.4  |

