

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012821\  
 Data File : VD068215.D  
 Acq On : 28 Jan 2021 11:34  
 Operator : VA/SY  
 Sample : VD0128SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0128SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/29/2021 11:59:14 AM

Quant Time: Jan 29 00:06:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|--------|--------|----------|
| -----                        |                |      |            |        |        |          |
| Internal Standards           |                |      |            |        |        |          |
| 1) Pentafluorobenzene        | 7.985          | 168  | 341106     | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.867          | 114  | 601194     | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.649         | 117  | 539153     | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.578         | 152  | 239186     | 50.00  | ug/l   | 0.00     |
|                              |                |      |            |        |        |          |
| System Monitoring Compounds  |                |      |            |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.338          | 65   | 147178     | 45.10  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 90.20% |        |          |
| 35) Dibromofluoromethane     | 7.920          | 113  | 153283     | 46.12  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 92.24% |        |          |
| 50) Toluene-d8               | 10.343         | 98   | 566187     | 42.59  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 85.18% |        |          |
| 62) 4-Bromofluorobenzene     | 12.631         | 95   | 200982     | 41.98  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 83.96% |        |          |
|                              |                |      |            |        |        |          |
| Target Compounds             |                |      |            |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 85587      | 21.12  | ug/l   | 98       |
| 3) Chloromethane             | 2.208          | 50   | 99095      | 22.71  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.350          | 62   | 108550     | 22.36  | ug/l   | 97       |
| 5) Bromomethane              | 2.761          | 94   | 76778      | 23.07  | ug/l   | 92       |
| 6) Chloroethane              | 2.926          | 64   | 69098      | 23.30  | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 3.279          | 101  | 131477     | 20.64  | ug/l   | 95       |
| 8) Diethyl Ether             | 3.714          | 74   | 38700      | 20.63  | ug/l   | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 4.103          | 101  | 78444      | 21.11  | ug/l   | 93       |
| 10) Methyl Iodide            | 4.308          | 142  | 78778      | 20.87  | ug/l   | 92       |
| 11) Tert butyl alcohol       | 5.226          | 59   | 28297      | 42.69  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.067          | 96   | 77940      | 20.86  | ug/l   | 91       |
| 13) Acrolein                 | 3.920          | 56   | 24732      | 96.18  | ug/l   | 93       |
| 14) Allyl chloride           | 4.714          | 41   | 110808     | 20.39  | ug/l   | 96       |
| 15) Acrylonitrile            | 5.432          | 53   | 81975      | 110.33 | ug/l   | 99       |
| 16) Acetone                  | 4.161          | 43   | 61233      | 105.10 | ug/l   | 95       |
| 17) Carbon Disulfide         | 4.414          | 76   | 242209     | 20.12  | ug/l   | 97       |
| 18) Methyl Acetate           | 4.720          | 43   | 34473      | 22.80  | ug/l   | 91       |
| 19) Methyl tert-butyl Ether  | 5.473          | 73   | 184454     | 21.35  | ug/l # | 91       |
| 20) Methylene Chloride       | 4.967          | 84   | 96933      | 21.56  | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 5.479          | 96   | 90351      | 21.06  | ug/l   | 92       |
| 22) Diisopropyl ether        | 6.361          | 45   | 235868     | 21.50  | ug/l   | 93       |
| 23) Vinyl Acetate            | 6.302          | 43   | 618675     | 105.81 | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 6.267          | 63   | 155647     | 21.90  | ug/l   | 97       |
| 25) 2-Butanone               | 7.220          | 43   | 92791      | 105.77 | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 7.214          | 77   | 133953     | 19.92  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.214          | 96   | 101271     | 21.74  | ug/l   | 94       |
| 28) Bromochloromethane       | 7.549          | 49   | 53906      | 22.26  | ug/l # | 77       |
| 29) Tetrahydrofuran          | 7.567          | 42   | 61054      | 107.36 | ug/l   | 93       |
| 30) Chloroform               | 7.714          | 83   | 155751     | 21.69  | ug/l   | 95       |
| 31) Cyclohexane              | 7.985          | 56   | 146383     | 20.72  | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 7.908          | 97   | 137566     | 21.25  | ug/l   | 94       |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 123215     | 20.32  | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.291          | 43   | 44531      | 20.76  | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 8.096          | 117  | 114671     | 20.21  | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.355          | 83   | 155409     | 19.61  | ug/l   | 97       |
| 40) Benzene                  | 8.355          | 78   | 355823     | 20.99  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012821\  
 Data File : VD068215.D  
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 Operator : VA/SY  
 Sample : VD0128SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0128SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/29/2021 11:59:14 AM

Quant Time: Jan 29 00:06:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 24968    | 19.29  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 98061    | 21.65  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.455  | 43   | 89764    | 20.08  | ug/l   | 95       |
| 44) Trichloroethene           | 9.114  | 130  | 94701    | 20.34  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.390  | 63   | 89350    | 21.52  | ug/l # | 87       |
| 46) Dibromomethane            | 9.479  | 93   | 44118    | 20.97  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.661  | 83   | 121637   | 21.43  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.455  | 41   | 45657    | 20.52  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 10278    | 416.97 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 216152   | 104.04 | ug/l   | 96       |
| 52) Toluene                   | 10.408 | 92   | 226522   | 20.51  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.626 | 75   | 116202   | 20.23  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.090 | 75   | 140659   | 20.57  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 63688    | 21.37  | ug/l   | 90       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 79781    | 20.09  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 10.949 | 76   | 110905   | 21.09  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.943  | 63   | 200678   | 109.52 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.985 | 43   | 147136   | 102.17 | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.143 | 129  | 77073    | 20.62  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 60444    | 20.55  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.879 | 164  | 77235    | 20.32  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.673 | 112  | 237890   | 20.77  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.743 | 131  | 82206    | 20.40  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.743 | 91   | 435747   | 20.54  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.855 | 106  | 327672   | 40.92  | ug/l   | 98       |
| 69) o-Xylene                  | 12.179 | 106  | 152404   | 20.49  | ug/l   | 97       |
| 70) Styrene                   | 12.196 | 104  | 259540   | 20.45  | ug/l   | 99       |
| 71) Bromoform                 | 12.361 | 173  | 40682    | 19.92  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.479 | 105  | 416505   | 20.93  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.290 | 43   | 82122    | 19.85  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.731 | 83   | 69382    | 21.92  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.784 | 75   | 44241m   | 19.13  | ug/l   |          |
| 77) Bromobenzene              | 12.761 | 156  | 89798    | 21.04  | ug/l   | 87       |
| 78) n-propylbenzene           | 12.820 | 91   | 493785   | 20.97  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 277530   | 20.99  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 344708   | 20.80  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.531 | 75   | 22246    | 19.46  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.008 | 91   | 284881   | 20.72  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.226 | 119  | 285036   | 20.29  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 336499   | 20.45  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.402 | 105  | 405041   | 20.62  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 363408   | 20.34  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 171604   | 20.92  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 172186   | 21.30  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.843 | 91   | 353094   | 20.59  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.114 | 117  | 63906    | 19.80  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.890 | 146  | 150823   | 21.46  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.508 | 75   | 10462    | 20.19  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 97314    | 20.20  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.267 | 225  | 52781    | 19.76  | ug/l   | 98       |
| 95) Naphthalene               | 15.402 | 128  | 184549   | 20.43  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.596 | 180  | 82372    | 20.27  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012821\  
Data File : VD068215.D  
Acq On : 28 Jan 2021 11:34  
Operator : VA/SY  
Sample : VD0128SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

Manual Integrations  
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1/29/2021 11:59:14 AM

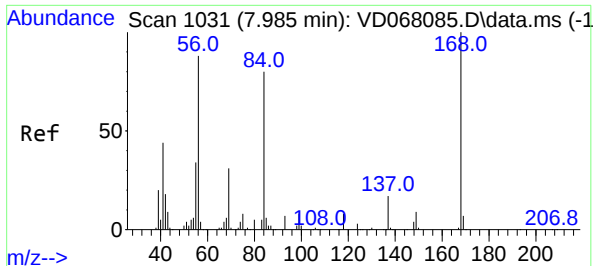
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 19 13:19:08 2021  
Response via : Initial Calibration

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

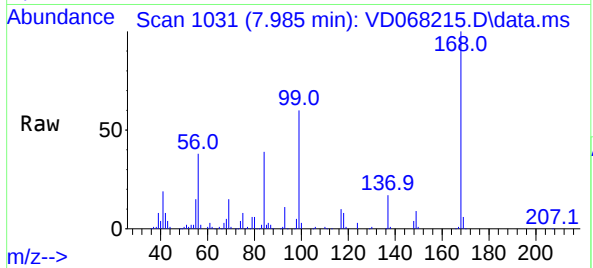
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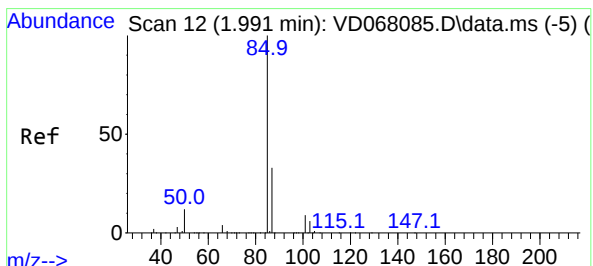
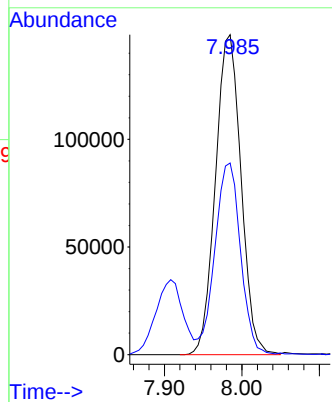
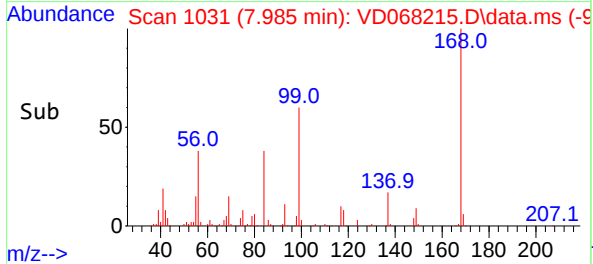




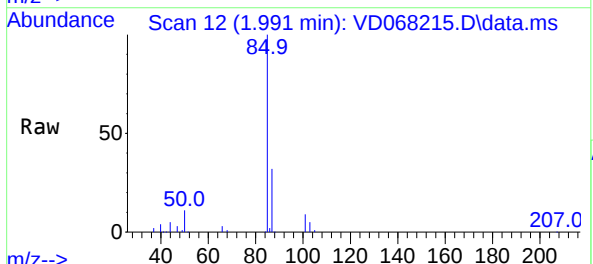
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



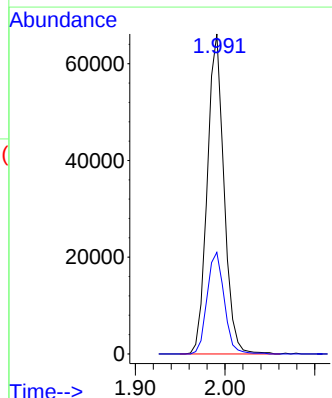
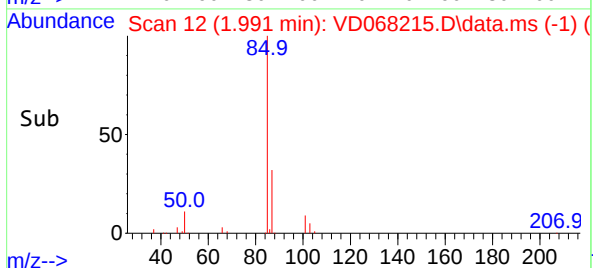
Tgt Ion: 168 Resp: 341106  
Ion Ratio Lower Upper  
168 100  
99 59.3 43.5 65.3



Dichlorodifluoromethane  
Concen: 21.12 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



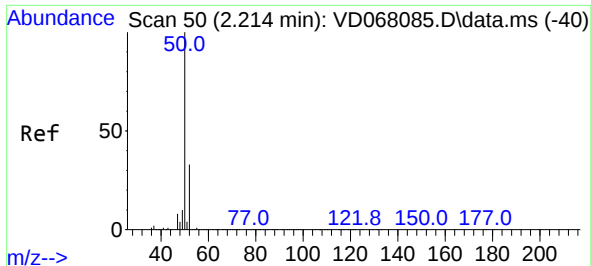
Tgt Ion: 85 Resp: 85587  
Ion Ratio Lower Upper  
85 100  
87 31.8 15.4 46.1



Instrument :  
MSVOA\_D  
ClientSampleId :  
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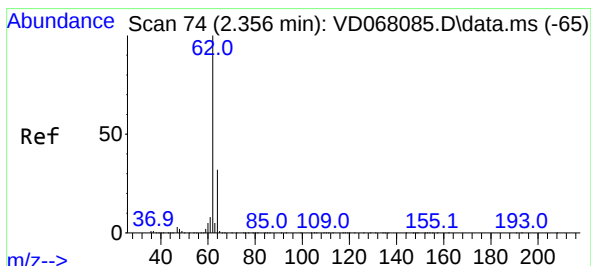
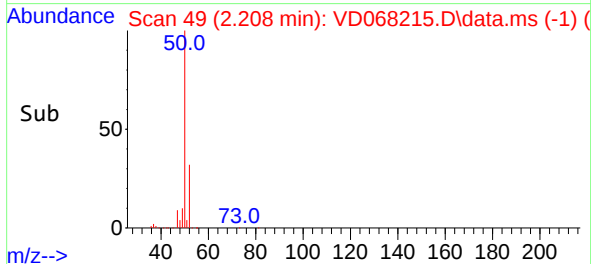
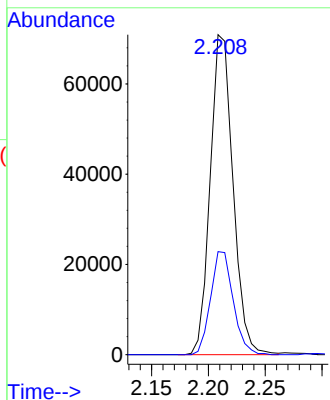
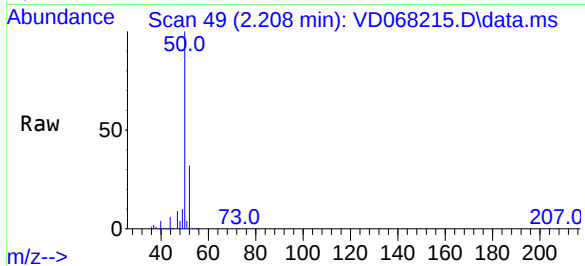
#3  
Chloromethane  
Concen: 22.71 ug/l  
RT: 2.208 min Scan# 49  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 50 Resp: 99095  
Ion Ratio Lower Upper  
50 100  
52 32.2 25.4 38.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

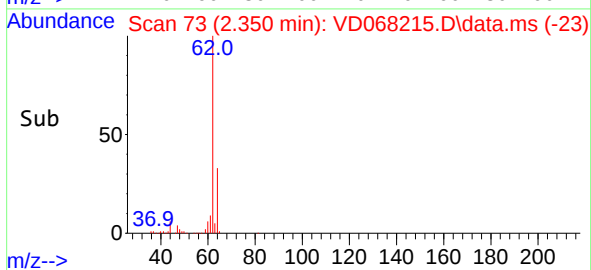
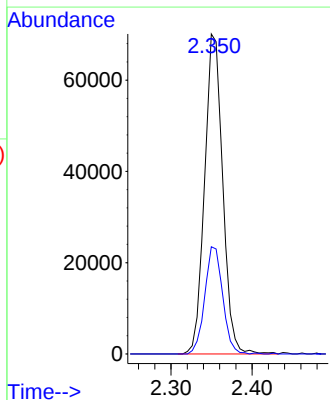
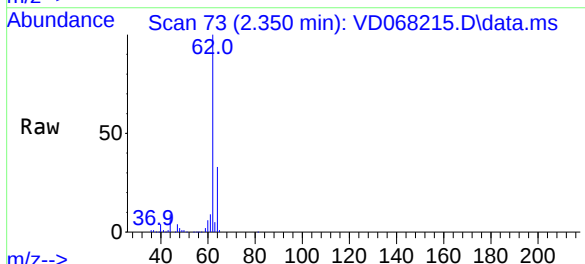
Manual Integrations  
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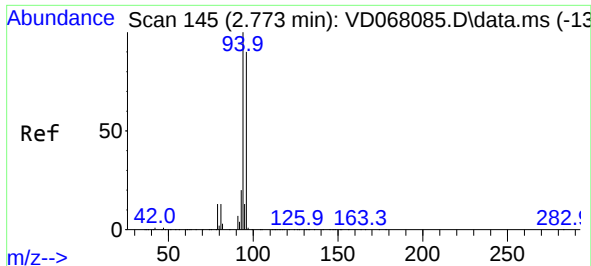
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1/29/2021 11:59:14 AM



#4  
Vinyl Chloride  
Concen: 22.36 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 62 Resp: 108550  
Ion Ratio Lower Upper  
62 100  
64 33.5 25.4 38.2





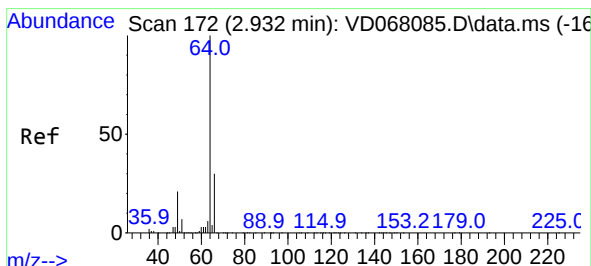
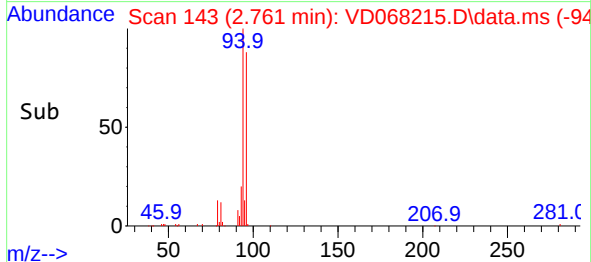
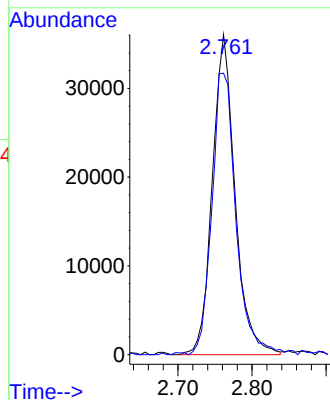
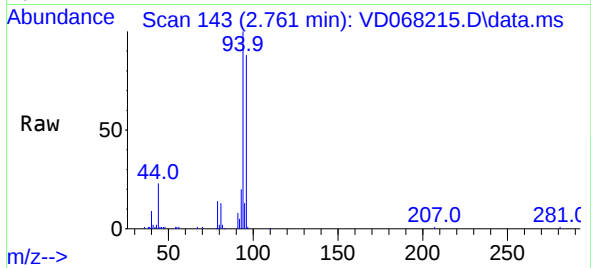
#5  
Bromomethane  
Concen: 23.07 ug/l  
RT: 2.761 min Scan# 143  
Delta R.T. -0.012 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 94 Resp: 76778  
Ion Ratio Lower Upper  
94 100  
96 87.4 75.8 113.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

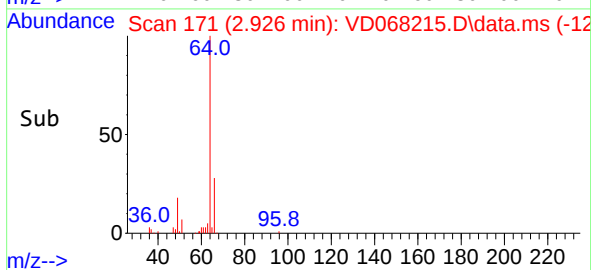
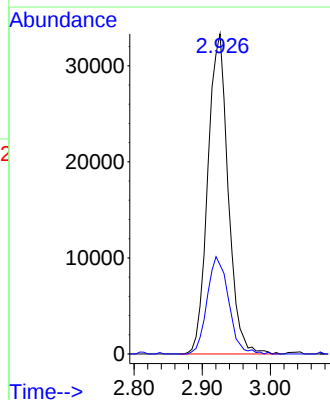
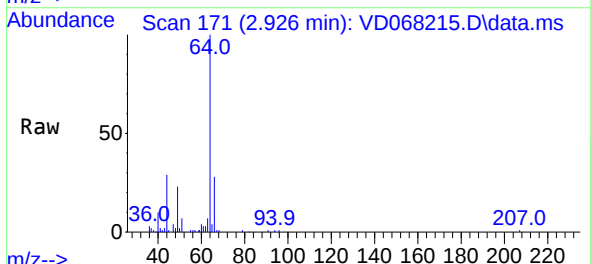
Manual Integrations  
APPROVED

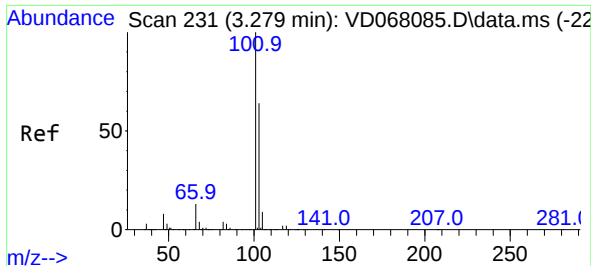
MMDadoda  
1/29/2021 11:59:14 AM



#6  
Chloroethane  
Concen: 23.30 ug/l  
RT: 2.926 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 64 Resp: 69098  
Ion Ratio Lower Upper  
64 100  
66 27.8 25.1 37.7





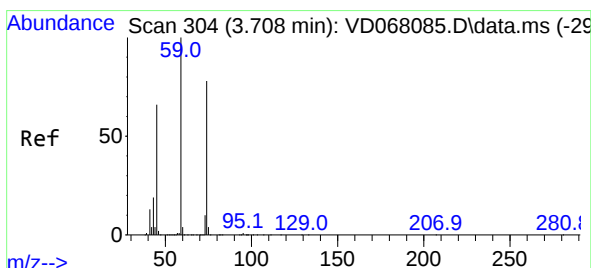
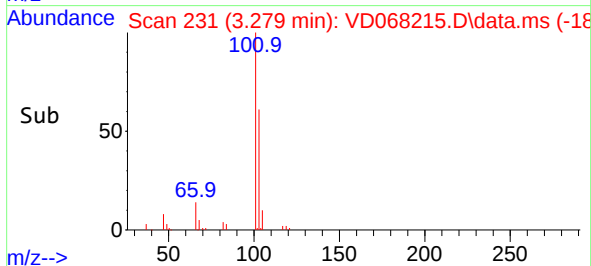
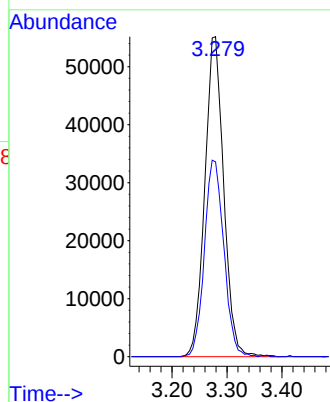
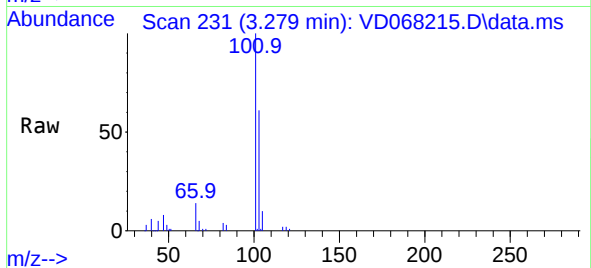
#7  
Trichlorofluoromethane  
Concen: 20.64 ug/l  
RT: 3.279 min Scan# 231  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion:101 Resp: 131477  
Ion Ratio Lower Upper  
101 100  
103 60.9 52.0 78.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

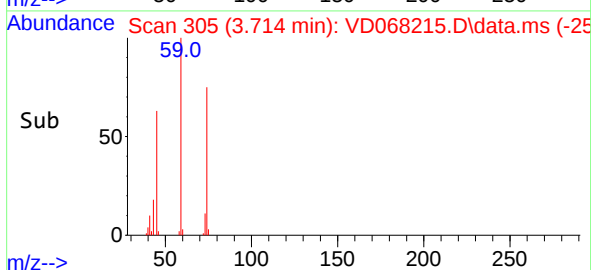
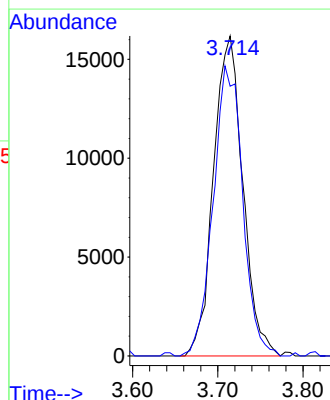
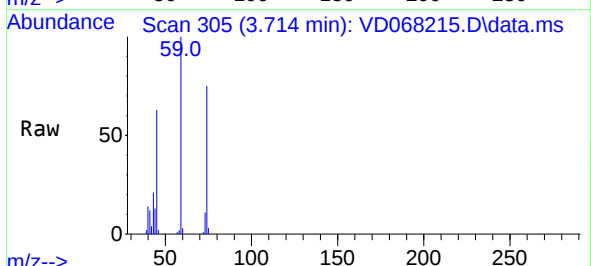
Manual Integrations  
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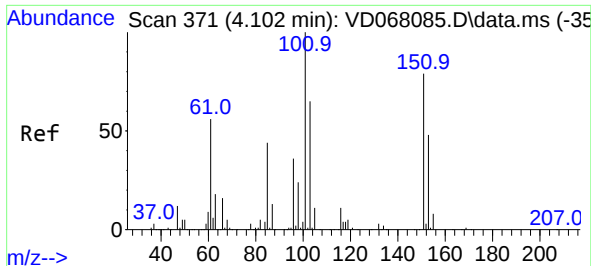
MMDadoda  
1/29/2021 11:59:14 AM



#8  
Diethyl Ether  
Concen: 20.63 ug/l  
RT: 3.714 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

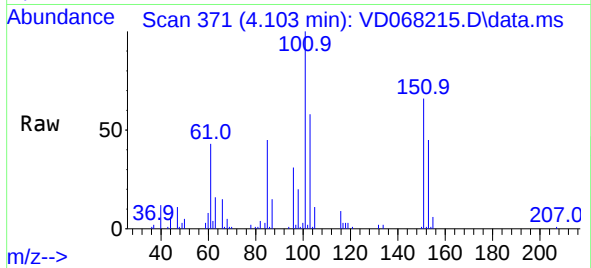
Tgt Ion: 74 Resp: 38700  
Ion Ratio Lower Upper  
74 100  
45 91.1 42.1 126.4





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.11 ug/l  
RT: 4.103 min Scan# 371  
Delta R.T. 0.001 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

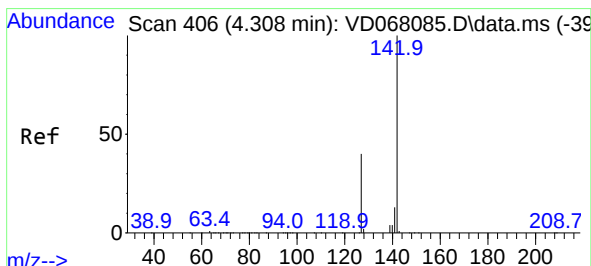
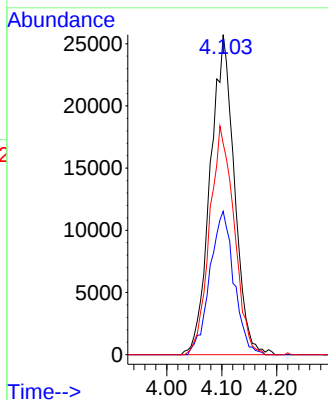
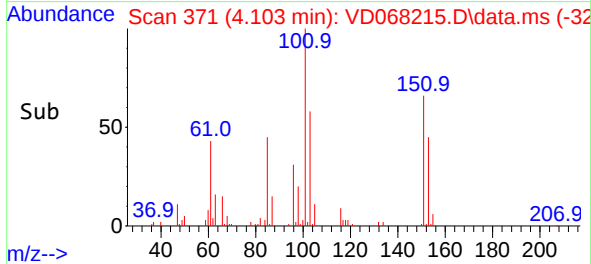
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBS01



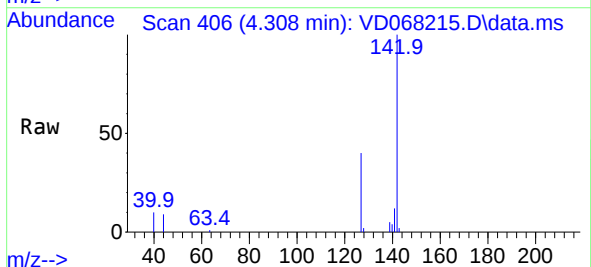
Tgt Ion:101 Resp: 78444  
Ion Ratio Lower Upper  
101 100  
85 44.9 34.0 51.0  
151 72.6 64.1 96.1

Manual Integrations  
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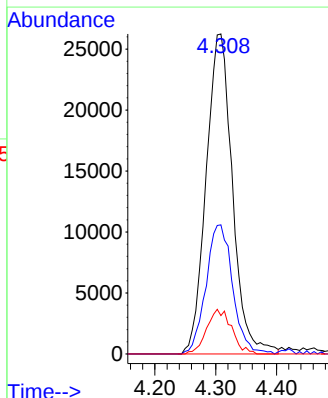
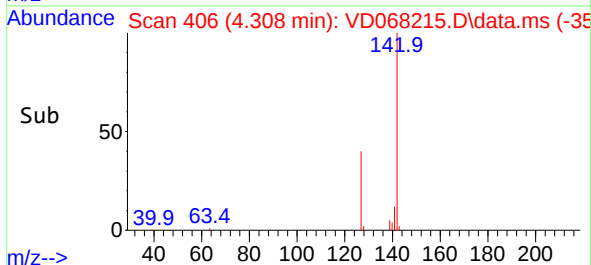
MMDadoda  
1/29/2021 11:59:14 AM

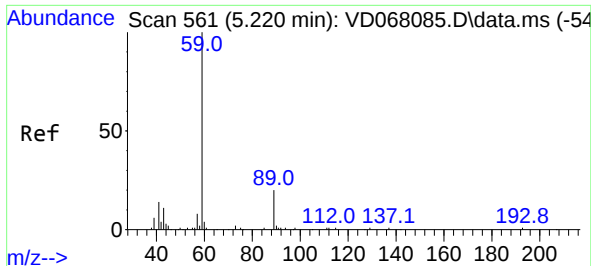


#10  
Methyl Iodide  
Concen: 20.87 ug/l  
RT: 4.308 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



Tgt Ion:142 Resp: 78778  
Ion Ratio Lower Upper  
142 100  
127 40.9 37.9 56.9  
141 13.2 11.5 17.3





#11

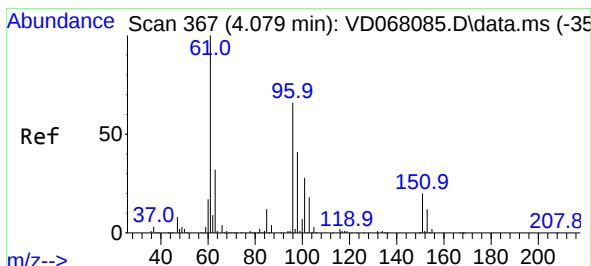
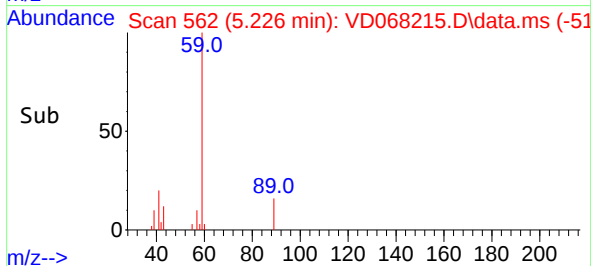
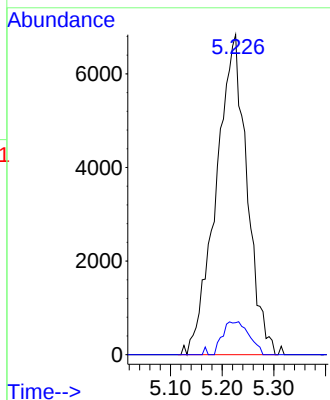
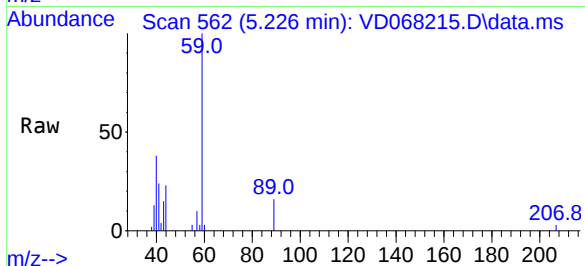
Tert butyl alcohol  
Concen: 42.69 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. 0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 59 Resp: 28297  
Ion Ratio Lower Upper  
59 100  
57 8.8 7.4 11.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

Manual Integrations  
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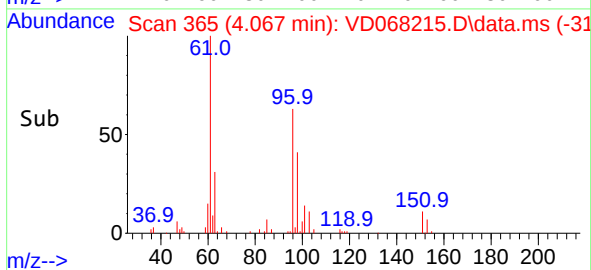
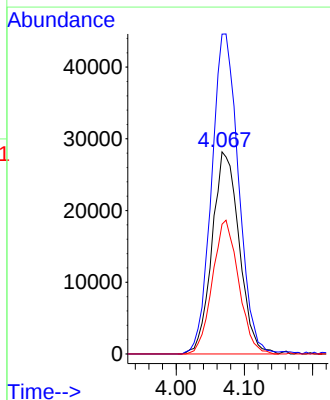
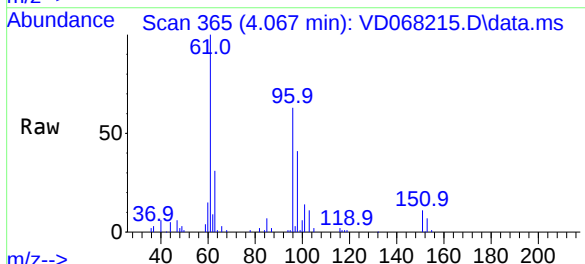
MMDadoda  
1/29/2021 11:59:14 AM

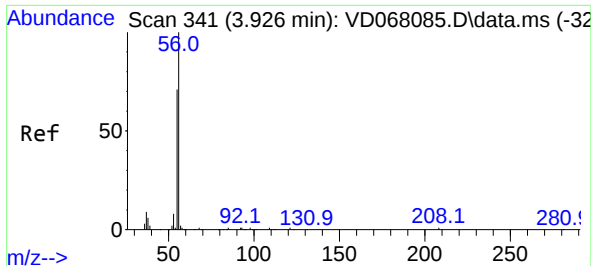


#12

1,1-Dichloroethene  
Concen: 20.86 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.012 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 96 Resp: 77940  
Ion Ratio Lower Upper  
96 100  
61 158.3 116.2 174.4  
98 64.3 48.6 73.0





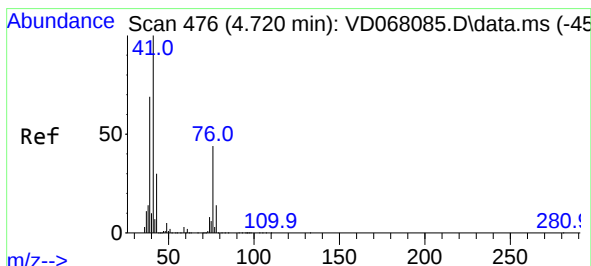
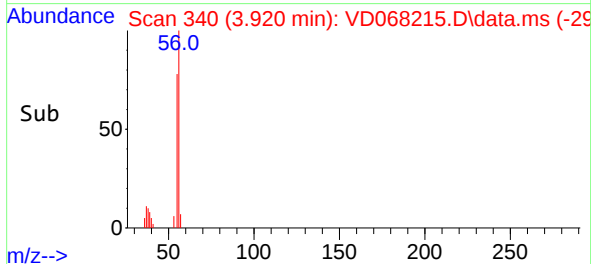
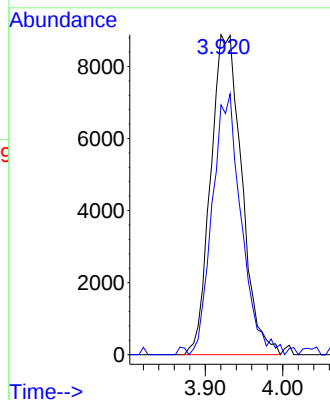
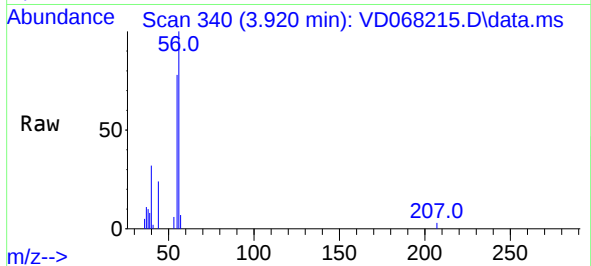
#13  
Acrolein  
Concen: 96.18 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 56 Resp: 24732  
Ion Ratio Lower Upper  
56 100  
55 76.1 56.5 84.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

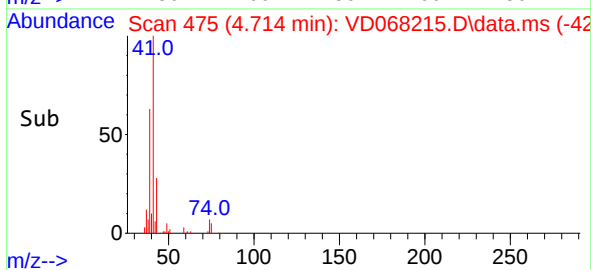
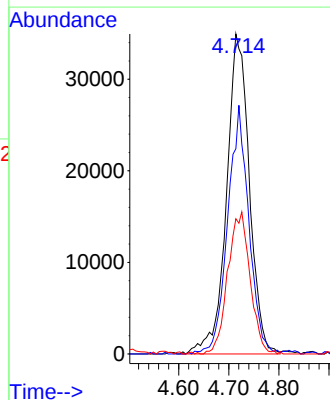
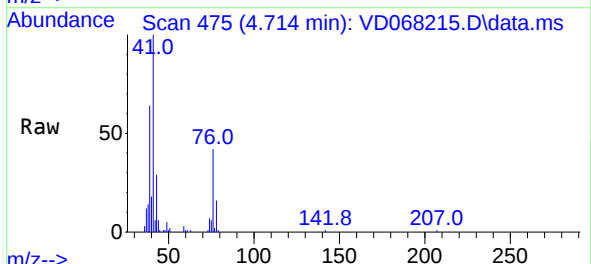
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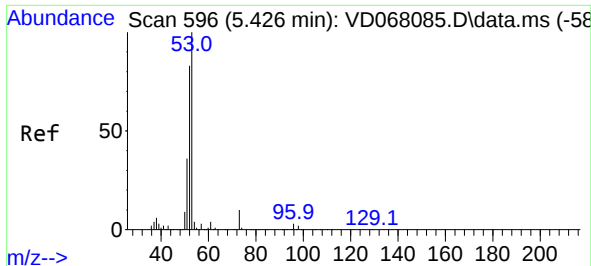
MMDadoda  
1/29/2021 11:59:14 AM



#14  
Allyl chloride  
Concen: 20.39 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 41 Resp: 110808  
Ion Ratio Lower Upper  
41 100  
39 71.9 56.3 84.5  
76 43.3 38.9 58.3





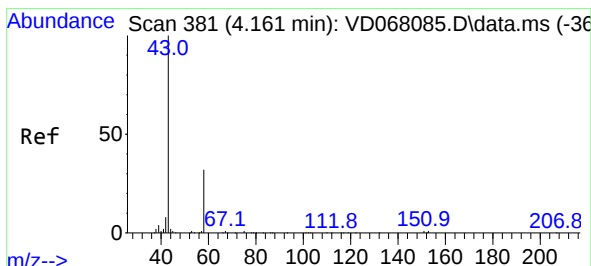
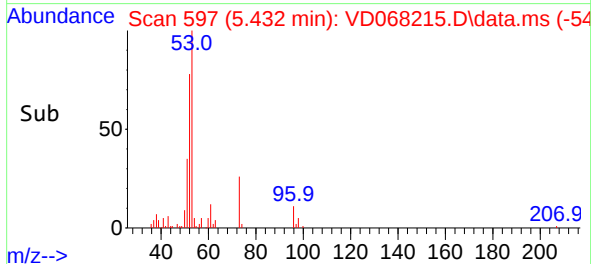
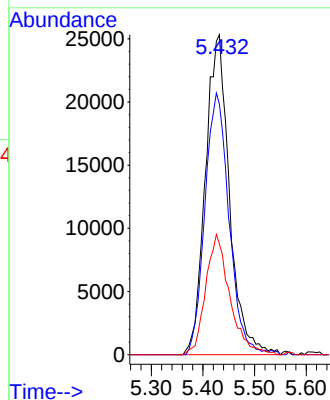
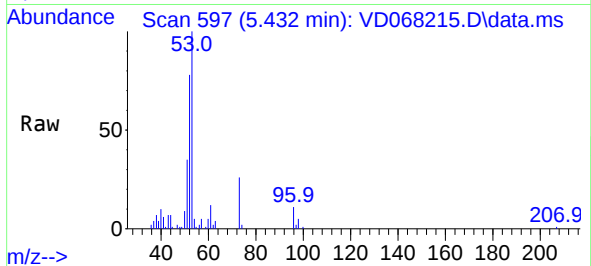
#15  
Acrylonitrile  
Concen: 110.33 ug/l  
RT: 5.432 min Scan# 597  
Delta R.T. 0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 81975 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 81.9     | 66.2 99.2   |
| 51 37.7     | 29.0 43.4   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBS01

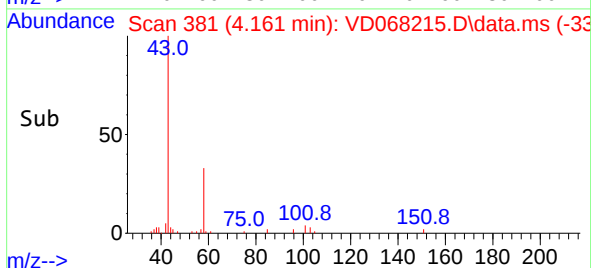
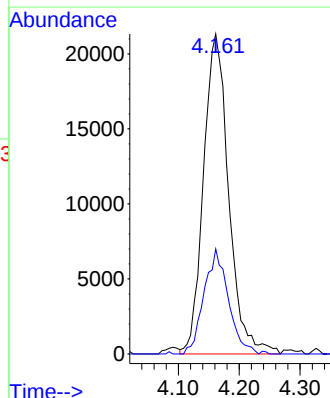
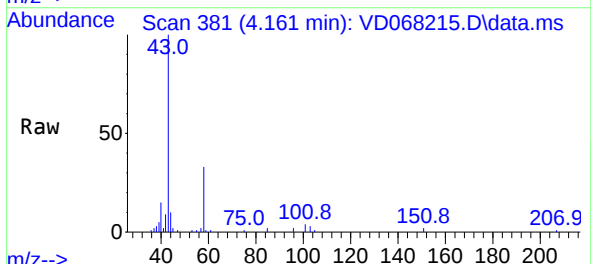
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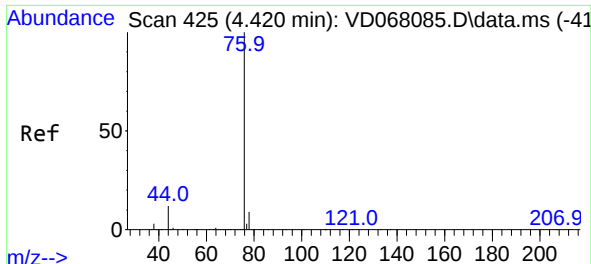
MMDadoda  
1/29/2021 11:59:14 AM



#16  
Acetone  
Concen: 105.10 ug/l  
RT: 4.161 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 61233 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 32.8     | 24.2 36.4   |



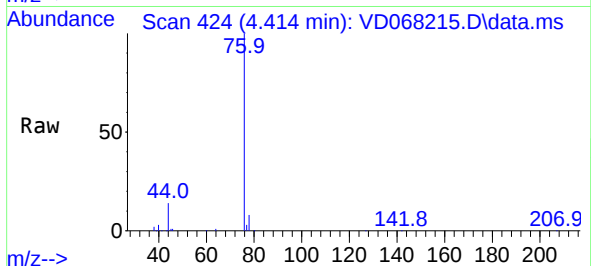


#17  
Carbon Disulfide  
Concen: 20.12 ug/l  
RT: 4.414 min Scan# 424  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

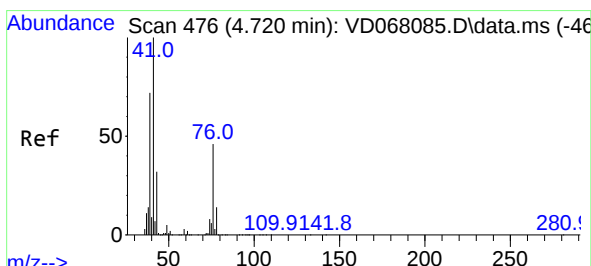
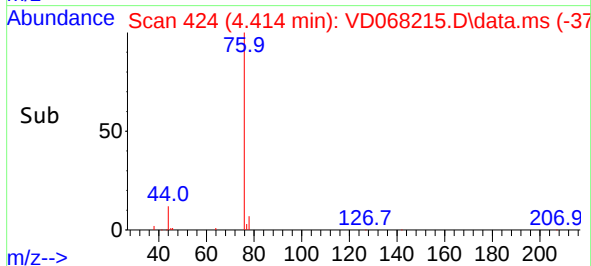
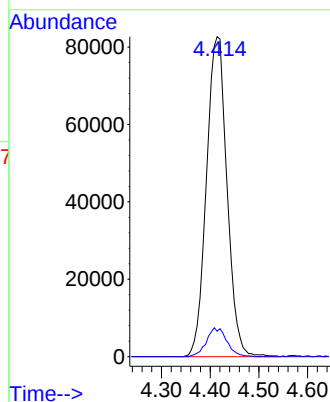
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBS01

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1/29/2021 11:59:14 AM

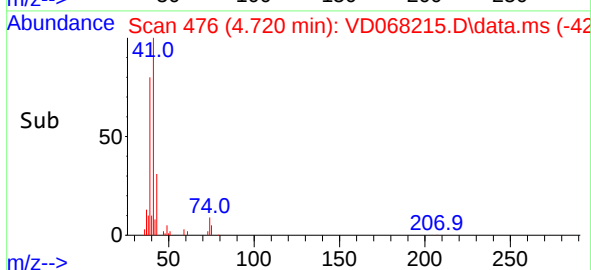
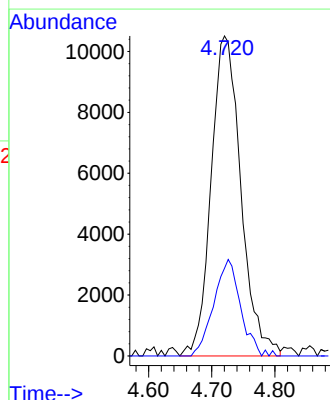
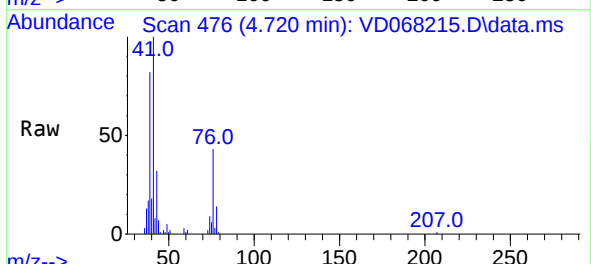


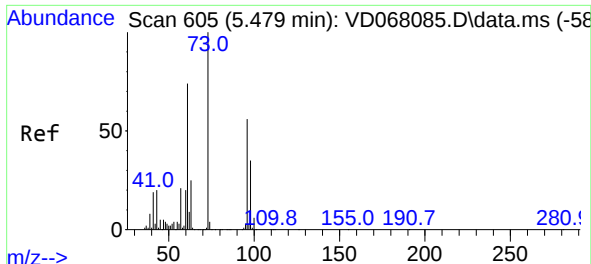
Tgt Ion: 76 Resp: 242209  
Ion Ratio Lower Upper  
76 100  
78 7.9 7.3 10.9



#18  
Methyl Acetate  
Concen: 22.80 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 43 Resp: 34473  
Ion Ratio Lower Upper  
43 100  
74 26.8 25.4 38.0





#19

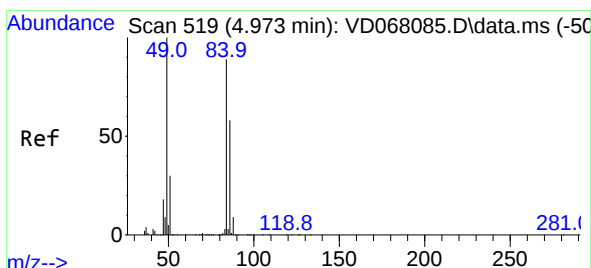
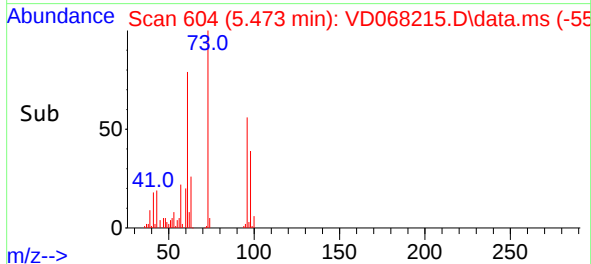
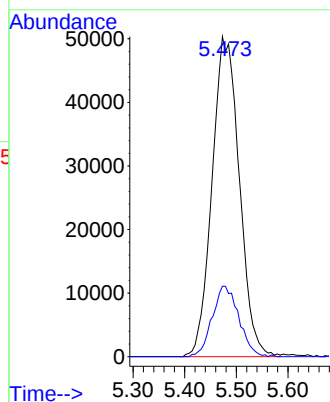
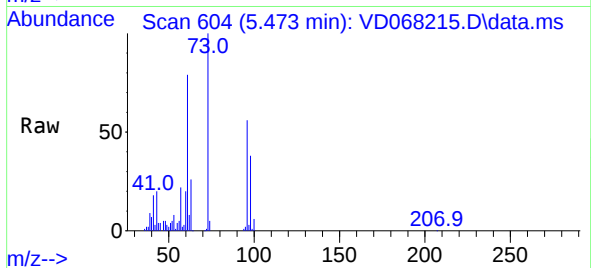
Methyl tert-butyl Ether  
Concen: 21.35 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 73 Resp: 184454  
Ion Ratio Lower Upper  
73 100  
57 22.0 14.4 21.6#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBS01

Manual Integrations  
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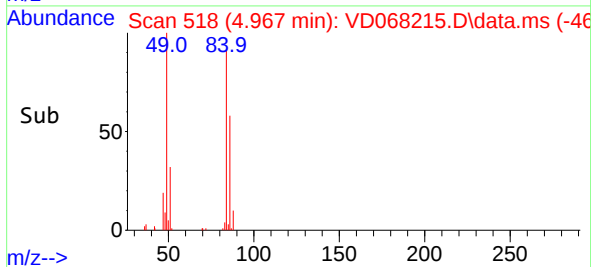
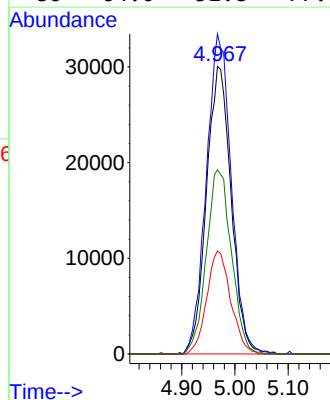
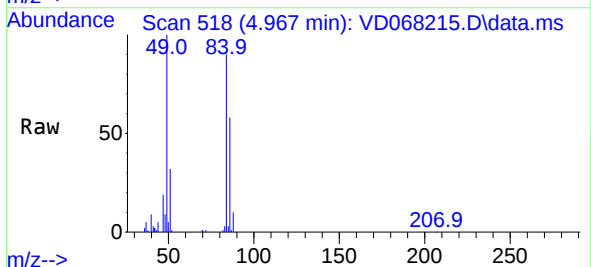
MMDadoda  
1/29/2021 11:59:14 AM

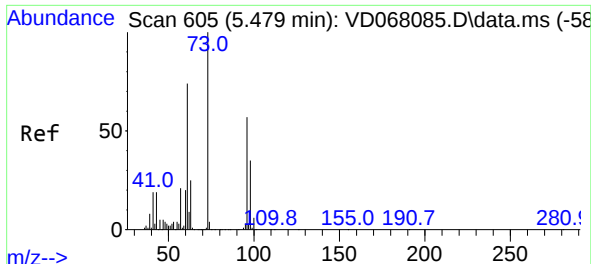


#20

Methylene Chloride  
Concen: 21.56 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

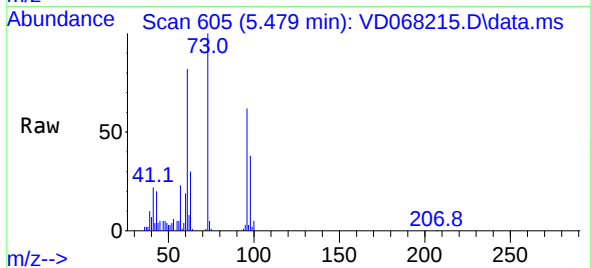
Tgt Ion: 84 Resp: 96933  
Ion Ratio Lower Upper  
84 100  
49 111.2 77.4 116.2  
51 35.8 26.1 39.1  
86 64.0 51.8 77.8





#21  
trans-1,2-Dichloroethene  
Concen: 21.06 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

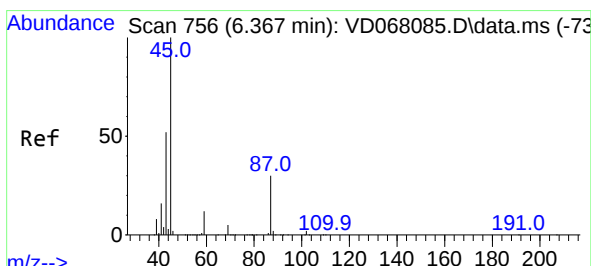
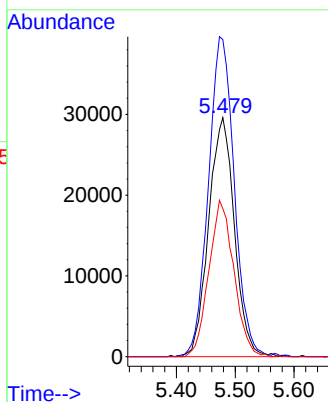
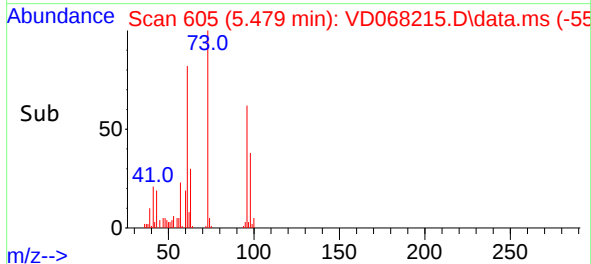
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



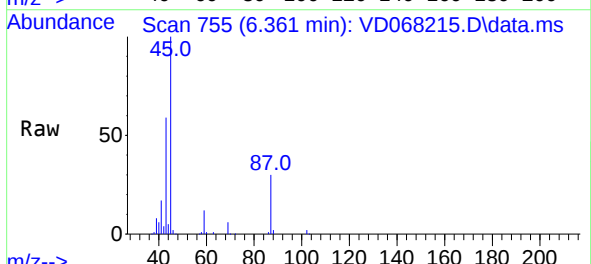
Tgt Ion: 96 Resp: 90351  
Ion Ratio Lower Upper  
96 100  
61 132.2 96.7 145.1  
98 61.9 47.6 71.4

Manual Integrations  
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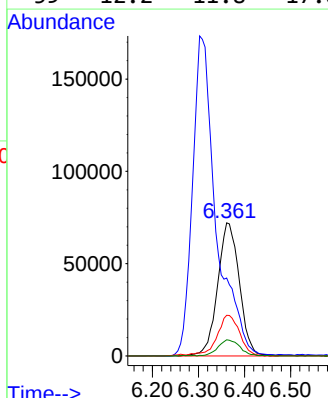
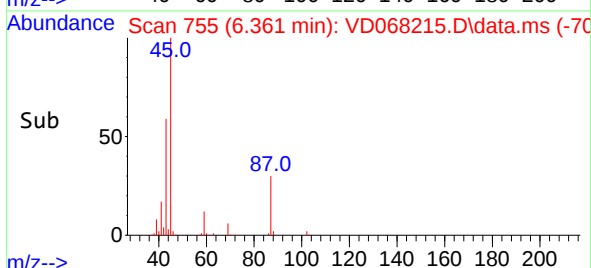
MMDadoda  
1/29/2021 11:59:14 AM

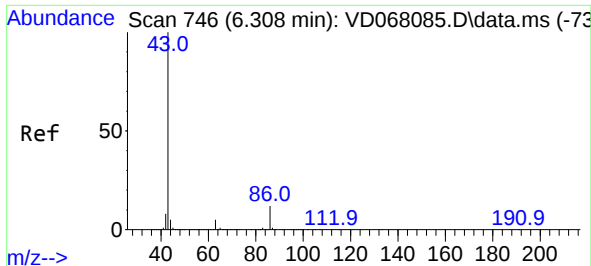


#22  
Diisopropyl ether  
Concen: 21.50 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



Tgt Ion: 45 Resp: 235868  
Ion Ratio Lower Upper  
45 100  
43 57.4 43.9 65.9  
87 30.5 29.9 44.9  
59 12.2 11.8 17.8



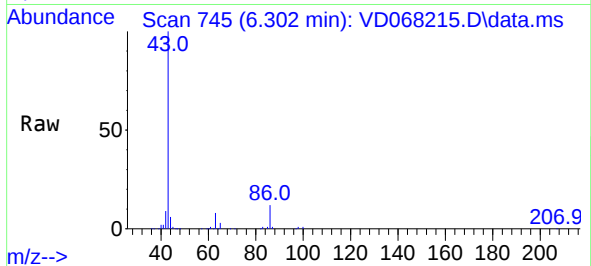


#23  
 Vinyl Acetate  
 Concen: 105.81 ug/l  
 RT: 6.302 min Scan# 745  
 Delta R.T. -0.006 min  
 Lab File: VD068215.D  
 Acq: 28 Jan 2021 11:34

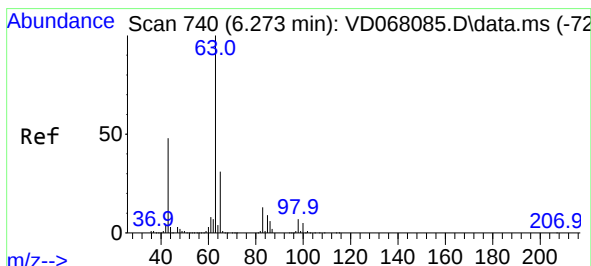
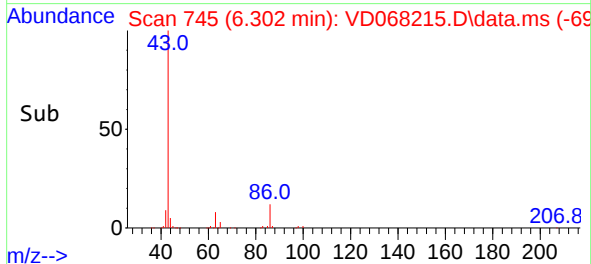
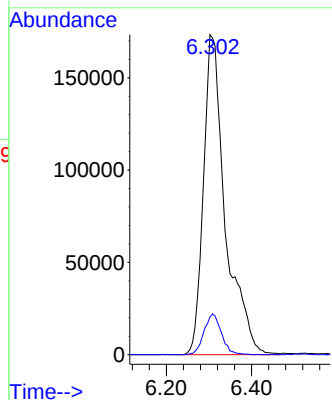
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0128SBSD01

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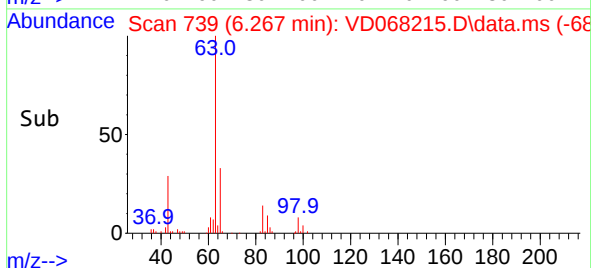
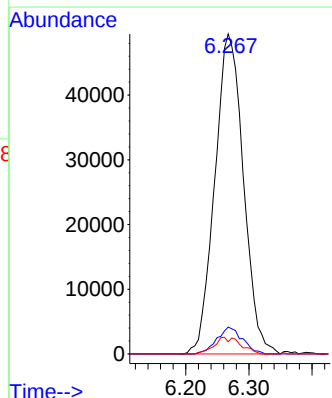
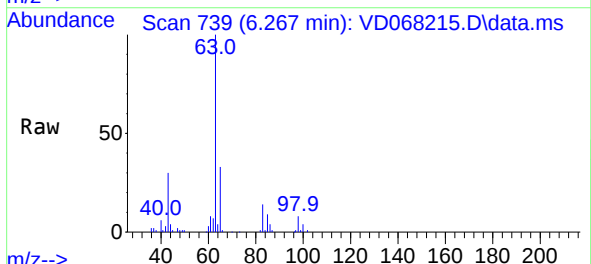


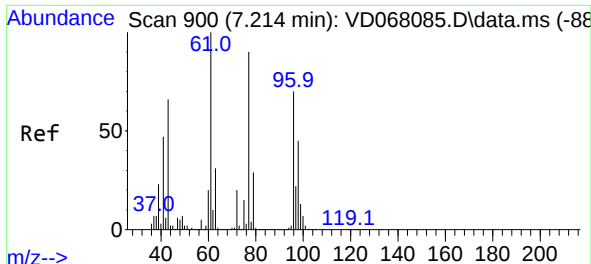
Tgt Ion: 43 Resp: 618675  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 10.8 16.2



#24  
 1,1-Dichloroethane  
 Concen: 21.90 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. -0.006 min  
 Lab File: VD068215.D  
 Acq: 28 Jan 2021 11:34

Tgt Ion: 63 Resp: 155647  
 Ion Ratio Lower Upper  
 63 100  
 98 8.4 3.8 11.4  
 100 3.8 2.6 8.0





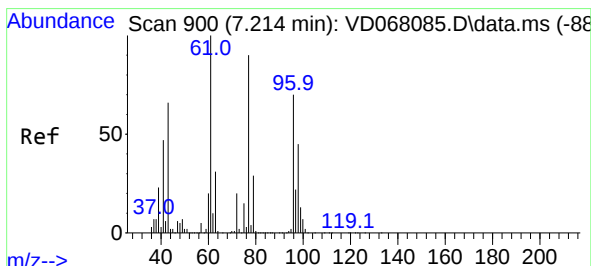
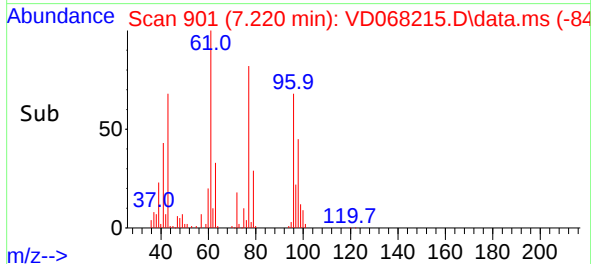
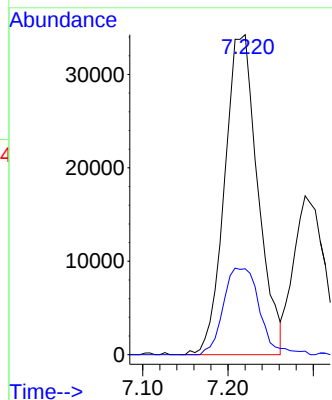
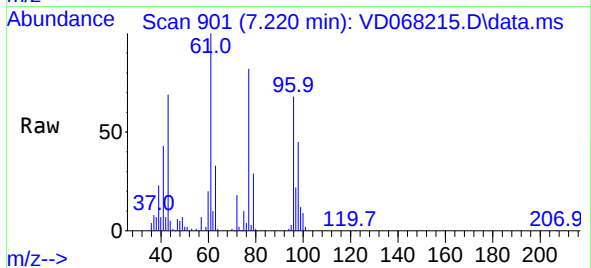
#25  
2-Butanone  
Concen: 105.77 ug/l  
RT: 7.220 min Scan# 901  
Delta R.T. 0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 43 Resp: 92791  
Ion Ratio Lower Upper  
43 100  
72 26.9 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

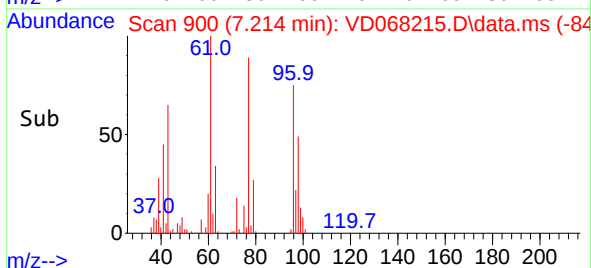
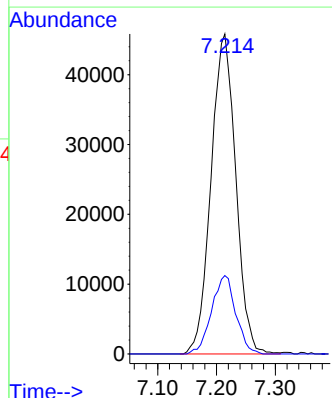
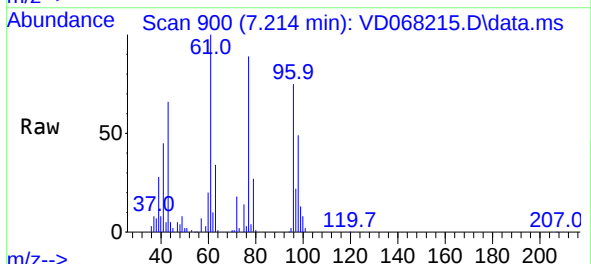
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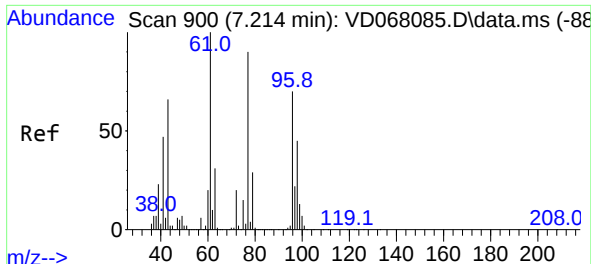
MMDadoda  
1/29/2021 11:59:14 AM



#26  
2,2-Dichloropropane  
Concen: 19.92 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

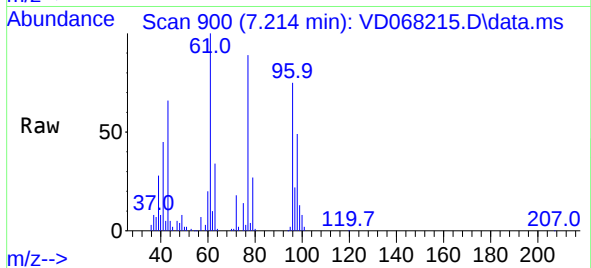
Tgt Ion: 77 Resp: 133953  
Ion Ratio Lower Upper  
77 100  
97 24.0 11.7 35.1





#27  
cis-1,2-Dichloroethene  
Concen: 21.74 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

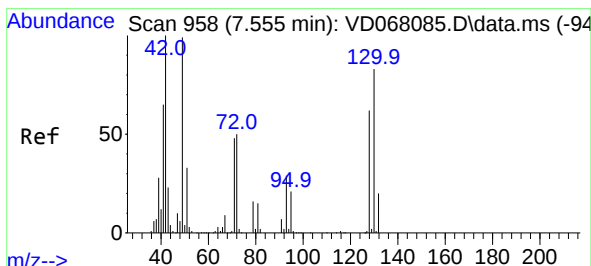
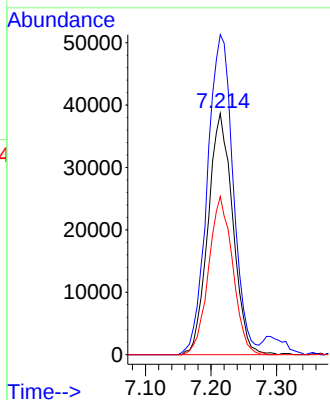
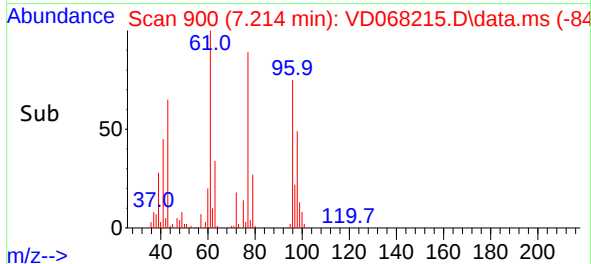
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



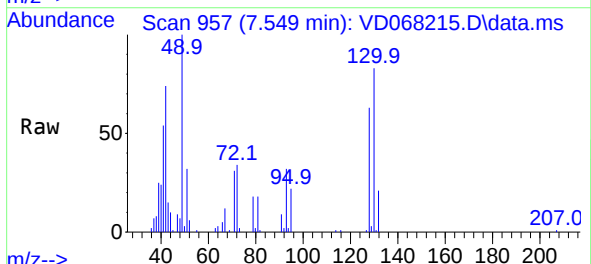
Tgt Ion: 96 Resp: 101271  
Ion Ratio Lower Upper  
96 100  
61 138.4 0.0 257.4  
98 63.9 0.0 126.6

Manual Integrations  
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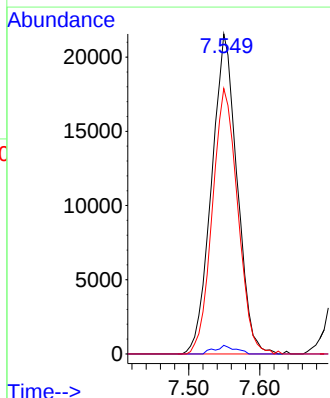
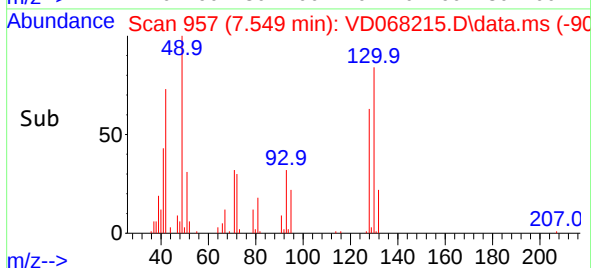
MMDadoda  
1/29/2021 11:59:14 AM

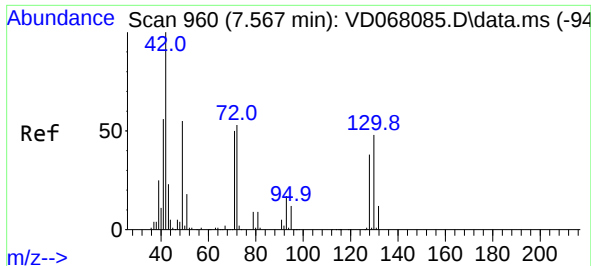


#28  
Bromochloromethane  
Concen: 22.26 ug/l  
RT: 7.549 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



Tgt Ion: 49 Resp: 53906  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.8  
130 82.3 85.5 128.3#





#29

Tetrahydrofuran

Concen: 107.36 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.000 min

Lab File: VD068215.D

Acq: 28 Jan 2021 11:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 61054 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 48.9  | 43.4  | 65.0  |
| 71       | 46.6  | 40.8  | 61.2  |

Instrument :

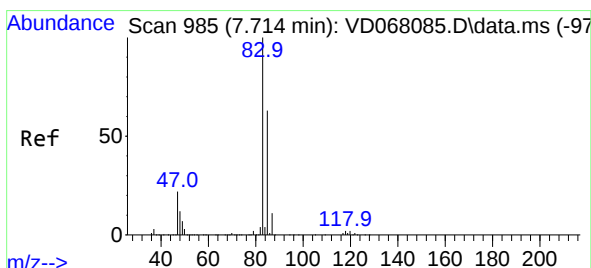
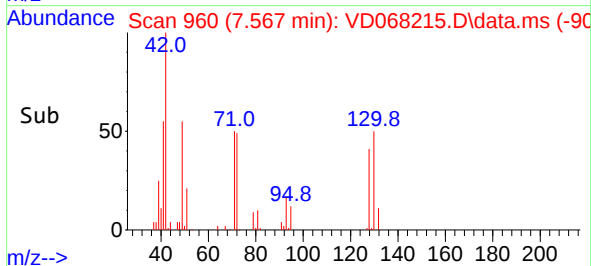
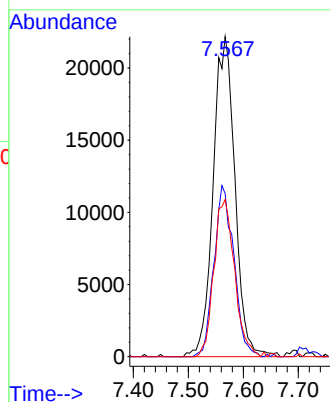
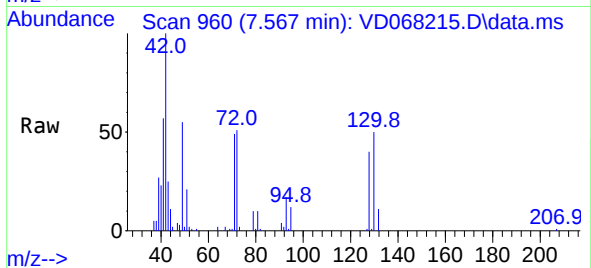
MSVOA\_D

ClientSampleId :

VD0128SBS01

Manual Integrations  
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MMDadoda  
1/29/2021 11:59:14 AM



#30

Chloroform

Concen: 21.69 ug/l

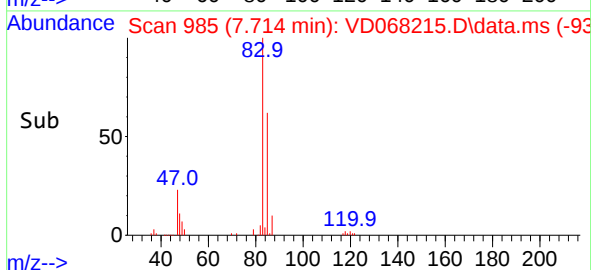
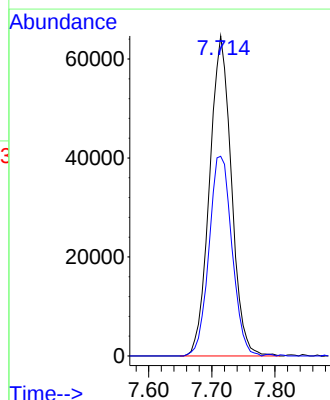
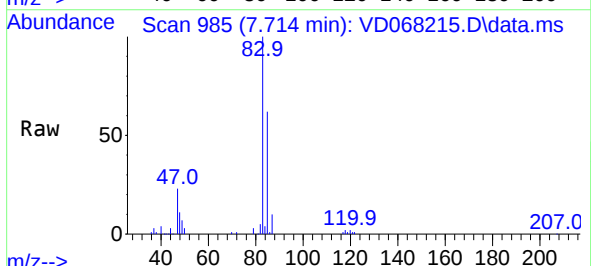
RT: 7.714 min Scan# 985

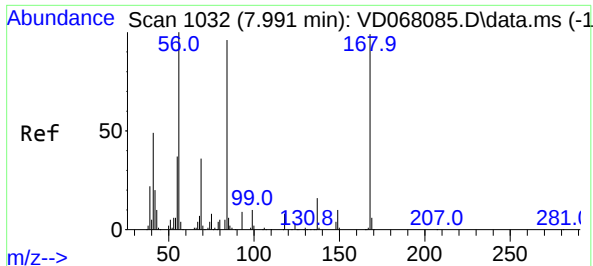
Delta R.T. 0.000 min

Lab File: VD068215.D

Acq: 28 Jan 2021 11:34

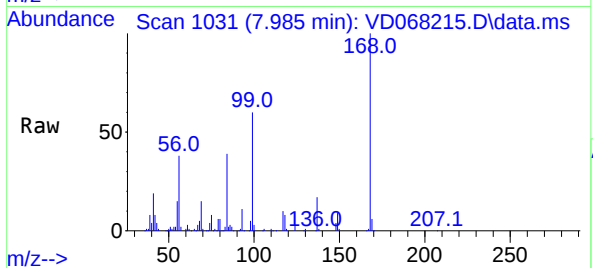
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 155751 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.4  | 53.4  | 80.0   |





#31  
Cyclohexane  
Concen: 20.72 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

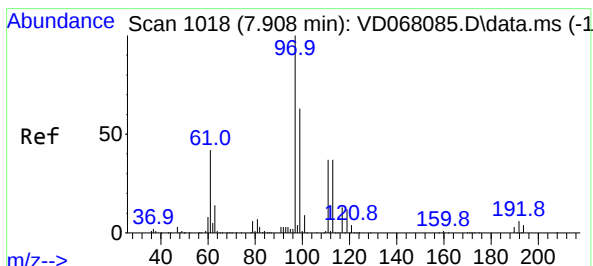
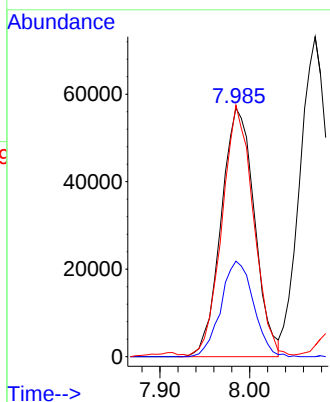
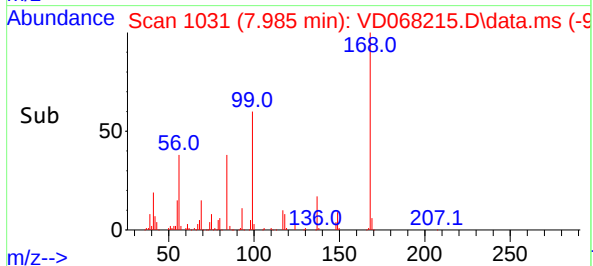
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



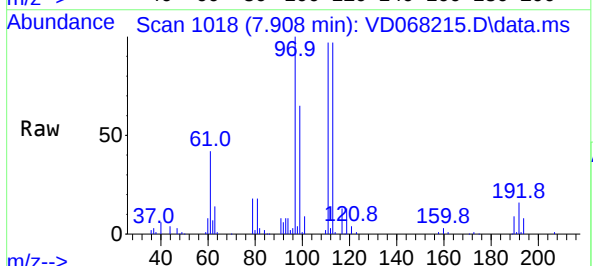
Tgt Ion: 56 Resp: 146383  
Ion Ratio Lower Upper  
56 100  
69 38.4 30.1 45.1  
84 100.3 82.1 123.1

Manual Integrations  
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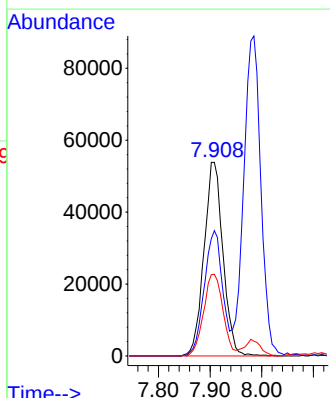
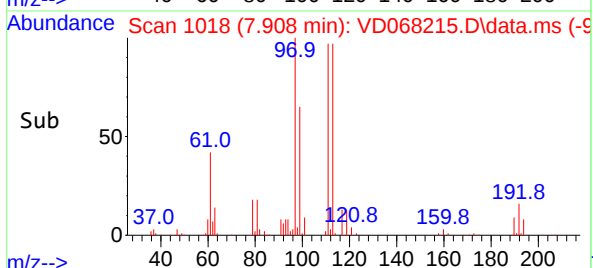
MMDadoda  
1/29/2021 11:59:14 AM

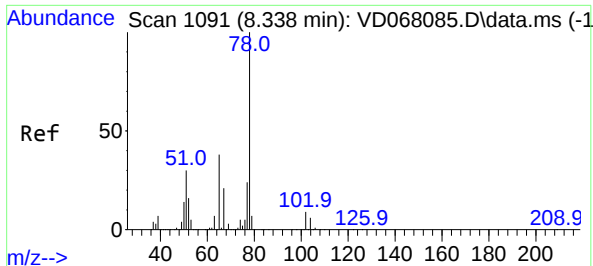


#32  
1,1,1-Trichloroethane  
Concen: 21.25 ug/l  
RT: 7.908 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



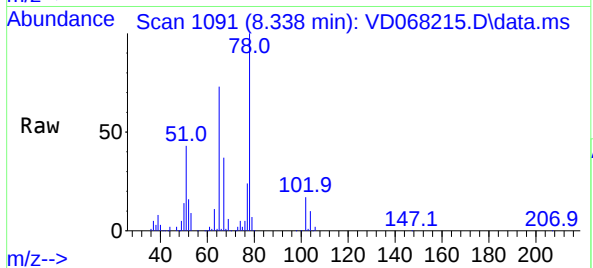
Tgt Ion: 97 Resp: 137566  
Ion Ratio Lower Upper  
97 100  
99 61.9 52.1 78.1  
61 42.9 30.1 45.1





#33  
1,2-Dichloroethane-d4  
Concen: 45.10 ug/l  
RT: 8.338 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

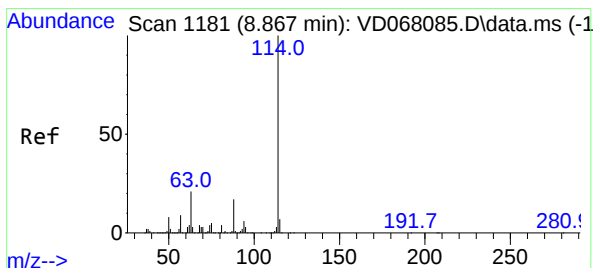
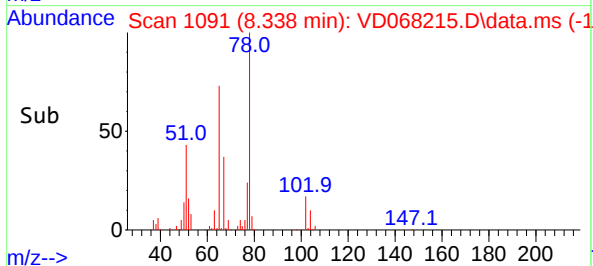
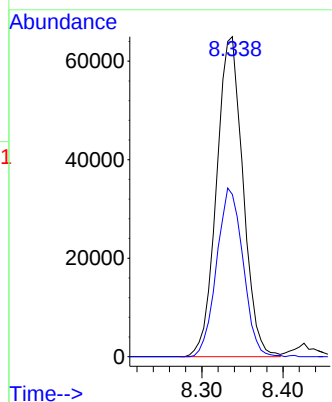
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



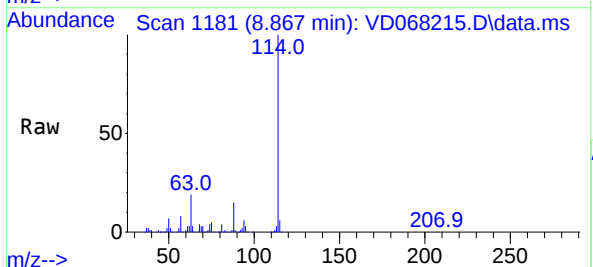
Tgt Ion: 65 Resp: 147178  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 105.0

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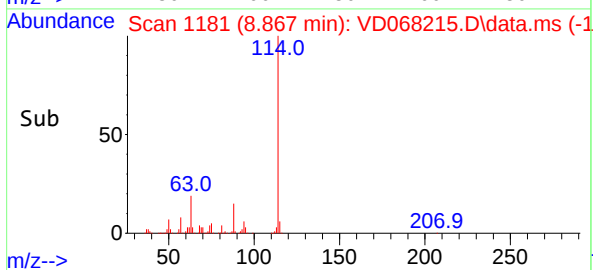
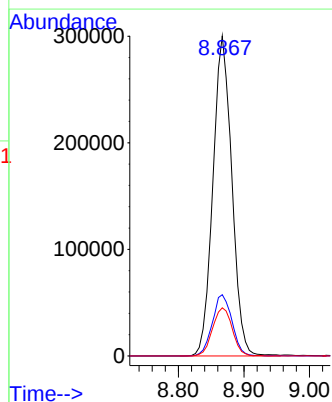
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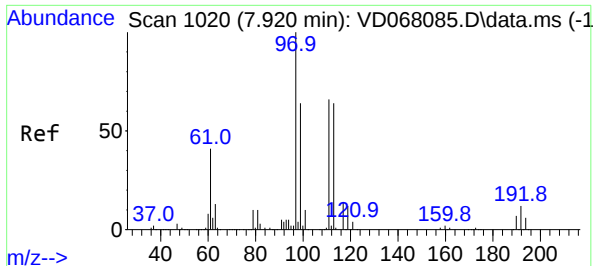


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



Tgt Ion: 114 Resp: 601194  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 34.8  
88 15.1 0.0 31.6





#35

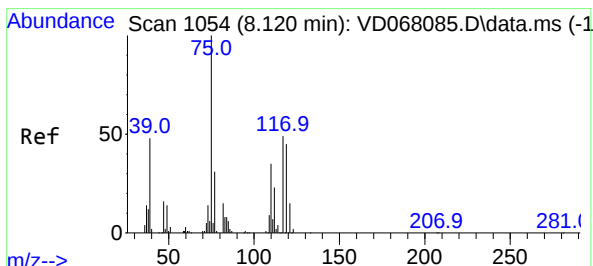
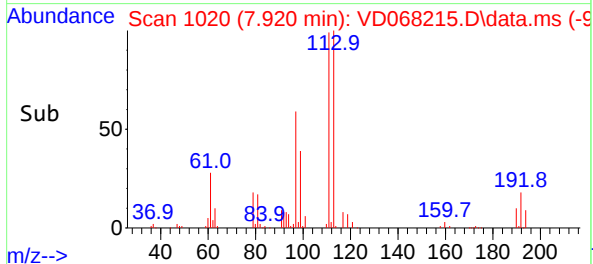
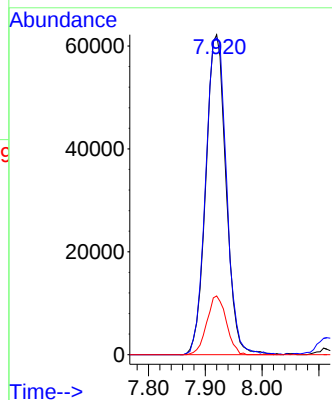
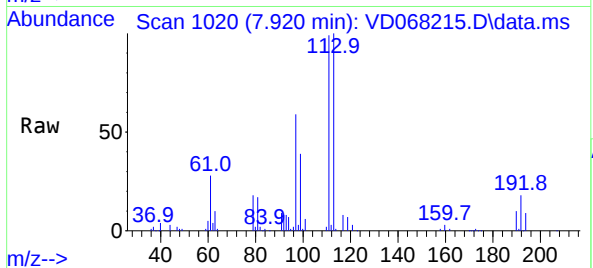
Dibromofluoromethane  
Concen: 46.12 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion:113 Resp: 153283  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.4 122.0  
192 17.8 16.1 24.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

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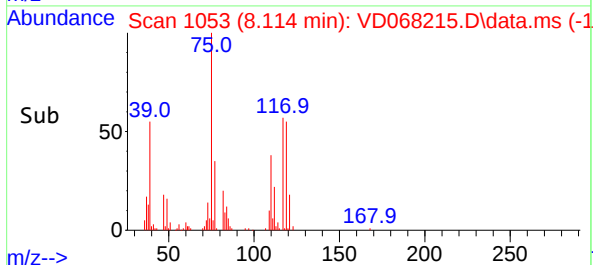
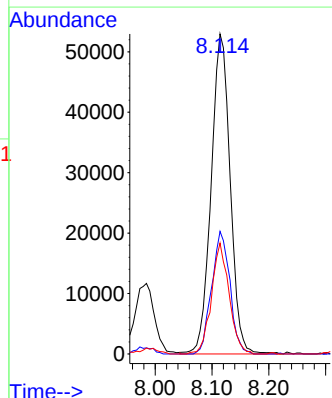
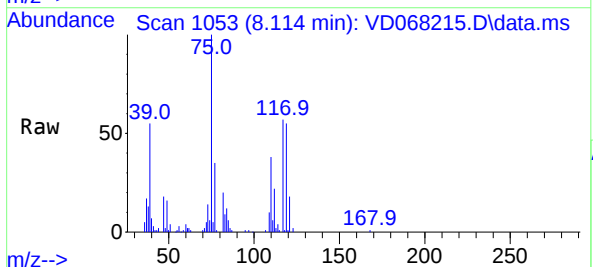
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1/29/2021 11:59:14 AM

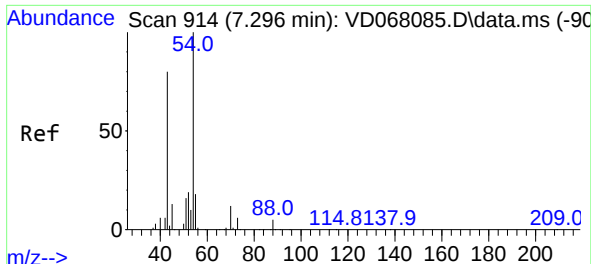


#36

1,1-Dichloropropene  
Concen: 20.32 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

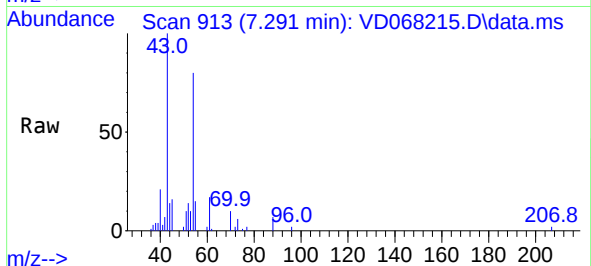
Tgt Ion: 75 Resp: 123215  
Ion Ratio Lower Upper  
75 100  
110 36.7 19.4 58.2  
77 32.2 25.3 37.9





#37  
Ethyl Acetate  
Concen: 20.76 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

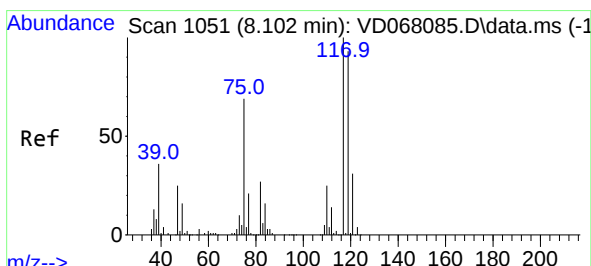
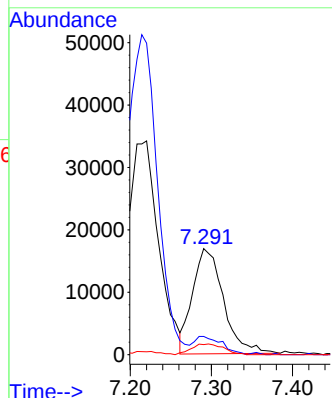
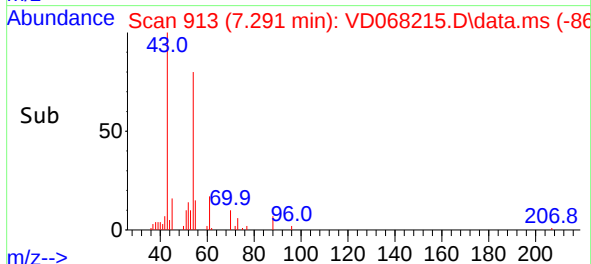
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



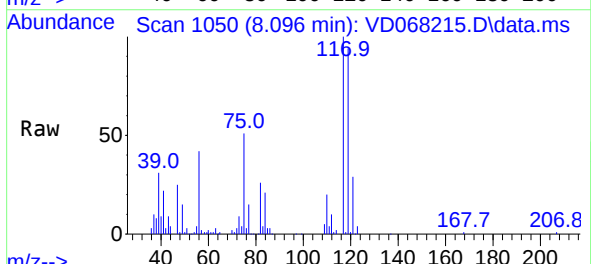
Tgt Ion: 43 Resp: 44531  
Ion Ratio Lower Upper  
43 100  
61 15.3 12.9 19.3  
70 10.7 11.0 16.6#

Manual Integrations  
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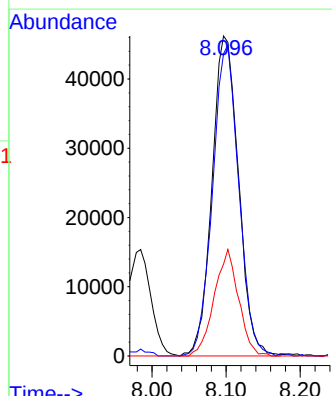
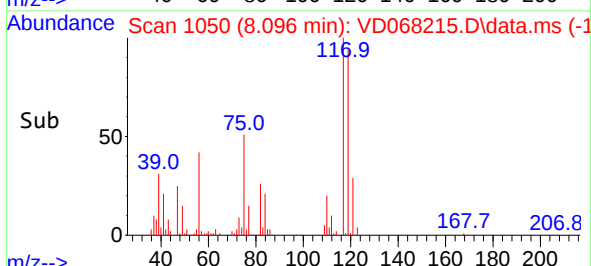
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1/29/2021 11:59:14 AM

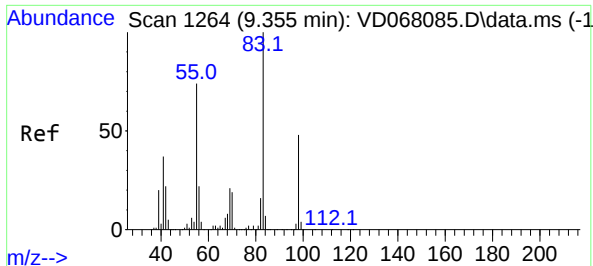


#38  
Carbon Tetrachloride  
Concen: 20.21 ug/l  
RT: 8.096 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



Tgt Ion: 117 Resp: 114671  
Ion Ratio Lower Upper  
117 100  
119 94.4 77.3 115.9  
121 28.7 24.7 37.1





#39

Methylcyclohexane

Concen: 19.61 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068215.D

Acq: 28 Jan 2021 11:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 155409 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 71.7  | 55.2  | 82.8   |
| 98       | 48.0  | 39.1  | 58.7   |

Instrument :

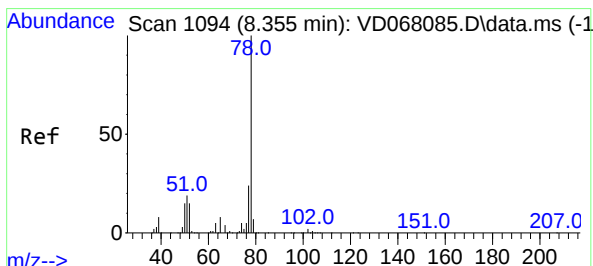
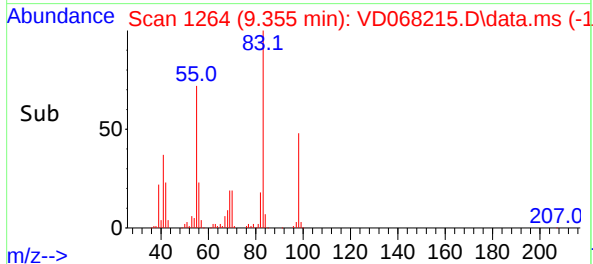
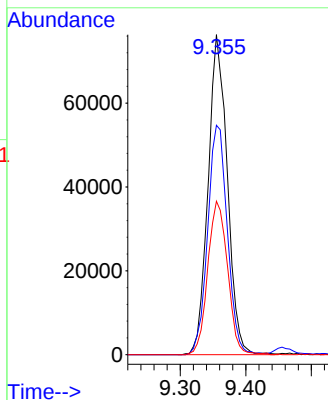
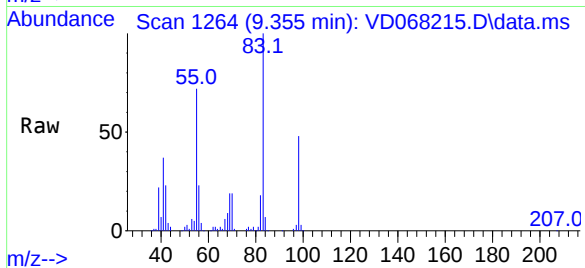
MSVOA\_D

ClientSampleId :

VD0128SBSD01

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#40

Benzene

Concen: 20.99 ug/l

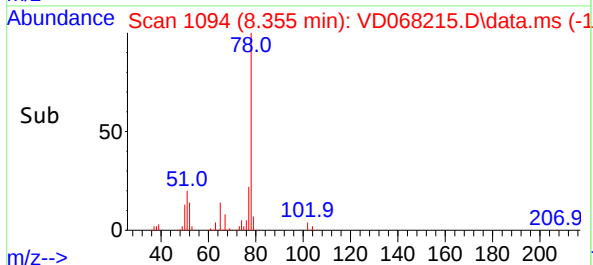
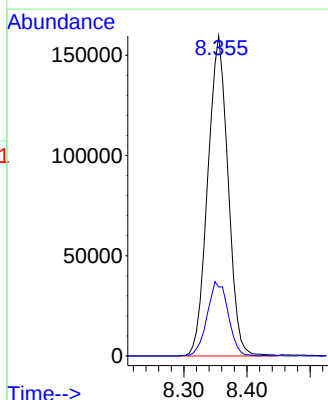
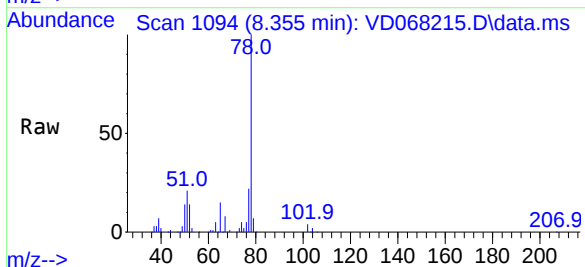
RT: 8.355 min Scan# 1094

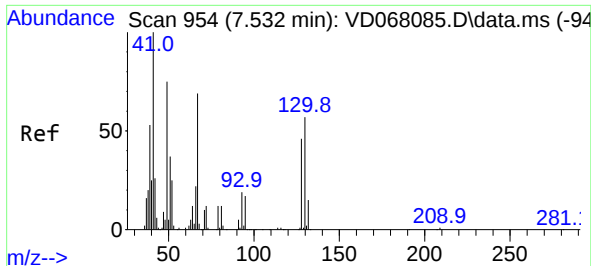
Delta R.T. 0.000 min

Lab File: VD068215.D

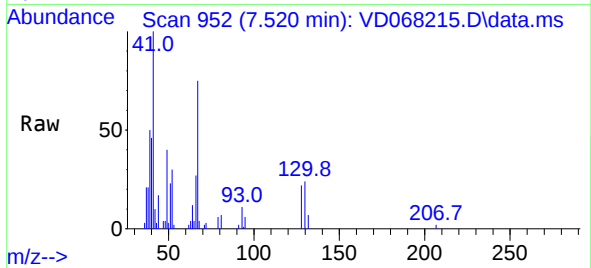
Acq: 28 Jan 2021 11:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 355823 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 21.6  | 17.8  | 26.6   |



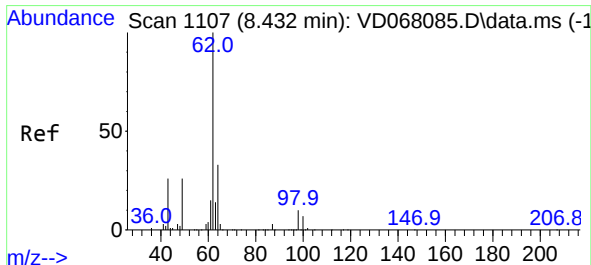
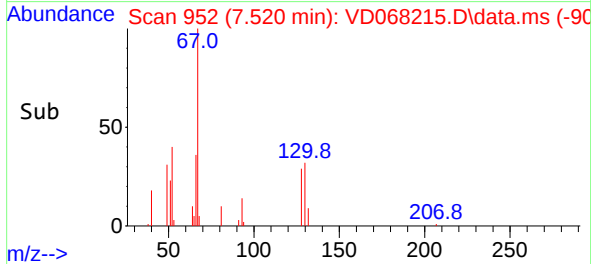
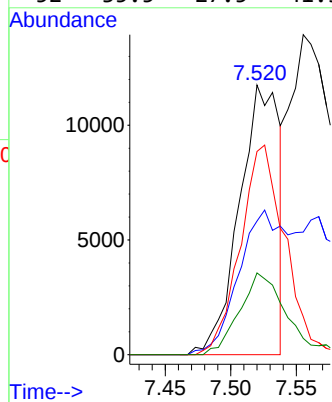


#41  
Methacrylonitrile  
Concen: 19.29 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. -0.012 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

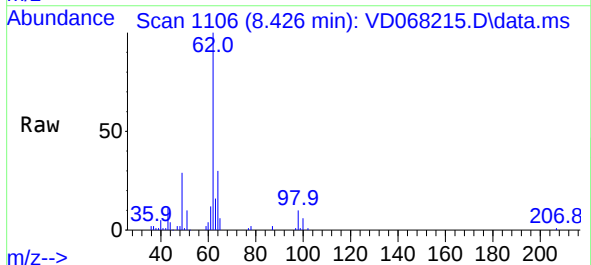


Tgt Ion: 41 Resp: 24968

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 62.0  | 45.2  | 67.8  |
| 67  | 86.5  | 67.4  | 101.2 |
| 52  | 35.5  | 27.5  | 41.3  |

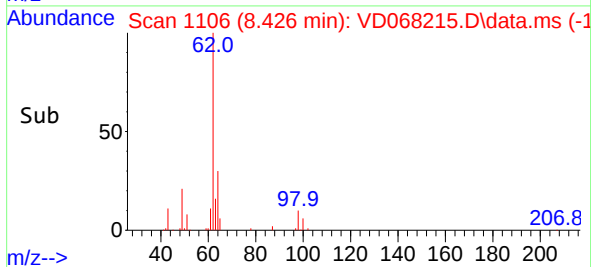
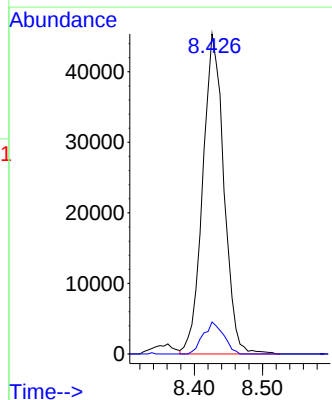


#42  
1,2-Dichloroethane  
Concen: 21.65 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



Tgt Ion: 62 Resp: 98061

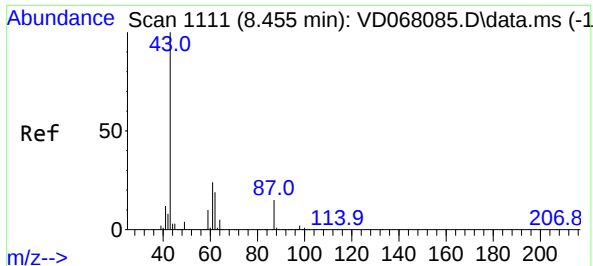
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.6   | 0.0   | 21.8  |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBS01

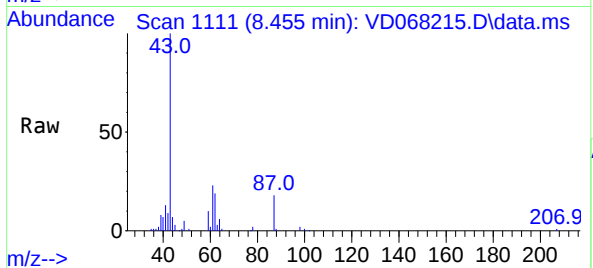
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#43  
Isopropyl Acetate  
Concen: 20.08 ug/l  
RT: 8.455 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

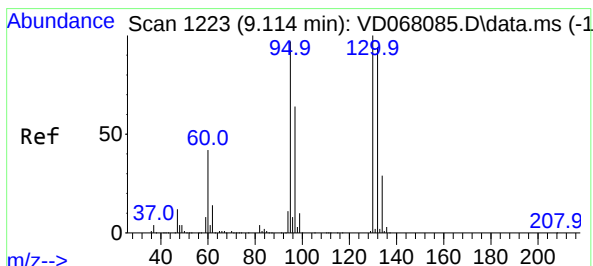
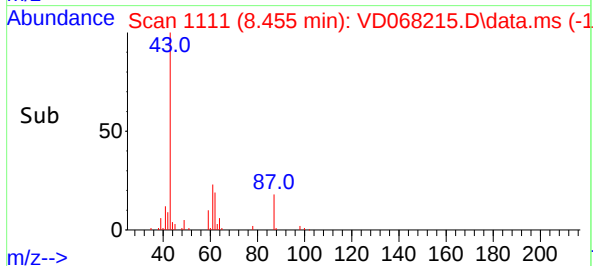
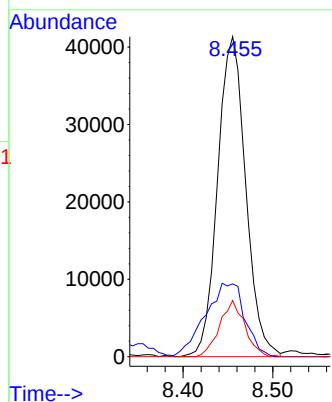
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBS01



Tgt Ion: 43 Resp: 89764  
Ion Ratio Lower Upper  
43 100  
61 32.4 28.7 43.1  
87 15.7 13.9 20.9

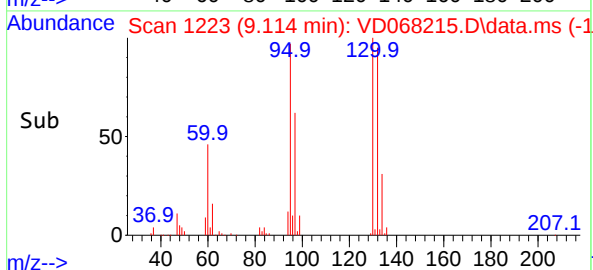
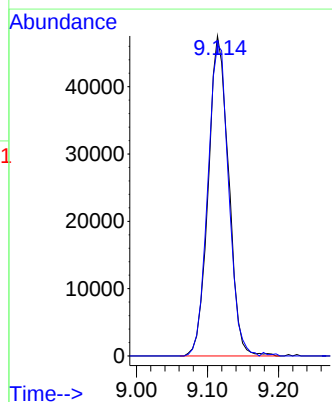
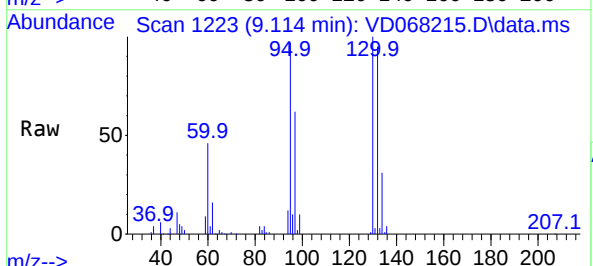
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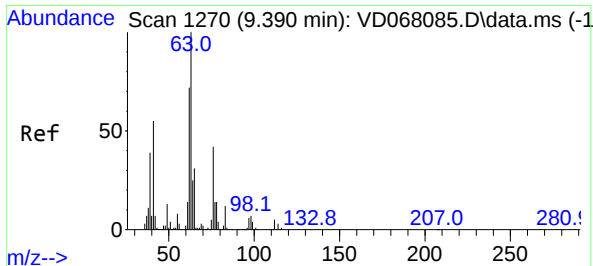
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#44  
Trichloroethene  
Concen: 20.34 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 130 Resp: 94701  
Ion Ratio Lower Upper  
130 100  
95 97.2 0.0 191.2





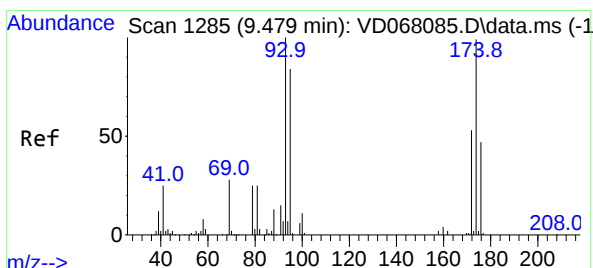
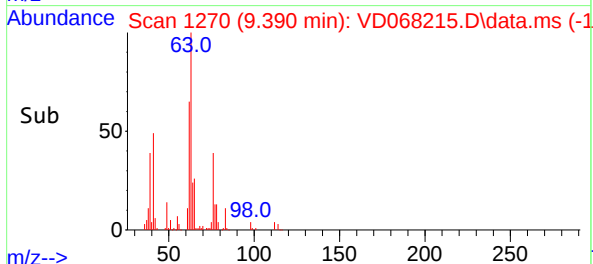
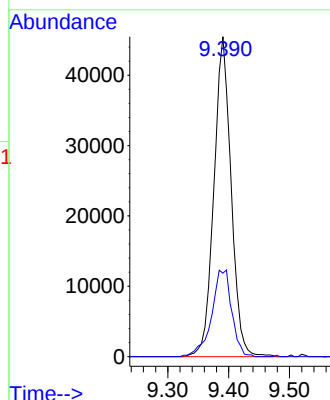
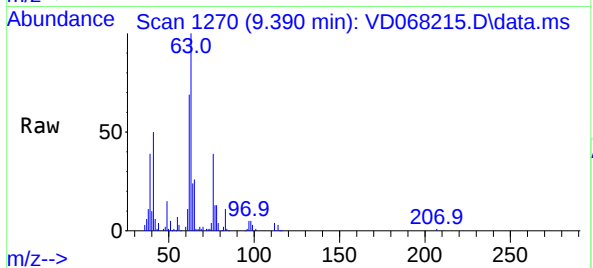
#45  
1,2-Dichloropropane  
Concen: 21.52 ug/l  
RT: 9.390 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 63 Resp: 89350  
Ion Ratio Lower Upper  
63 100  
65 26.1 26.6 40.0#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

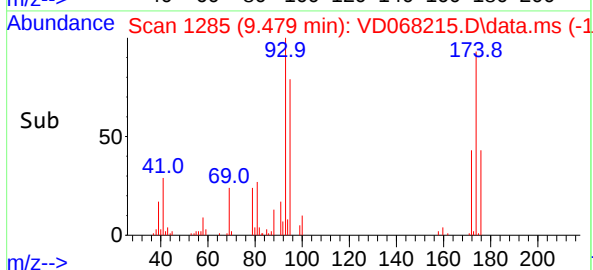
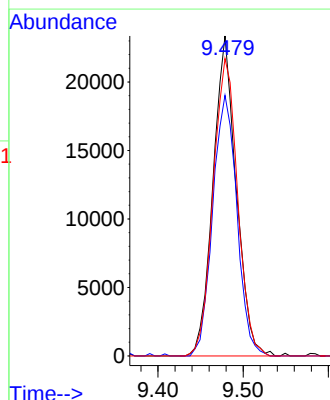
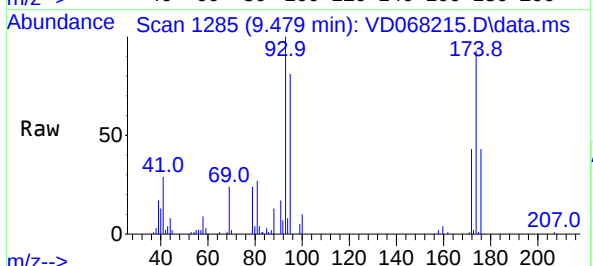
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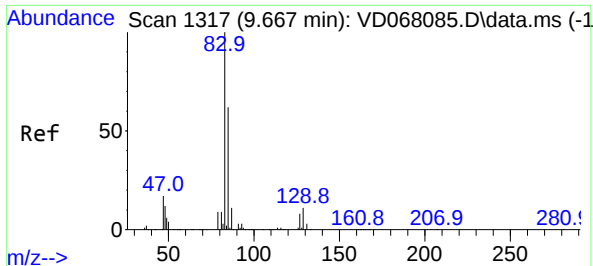
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#46  
Dibromomethane  
Concen: 20.97 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

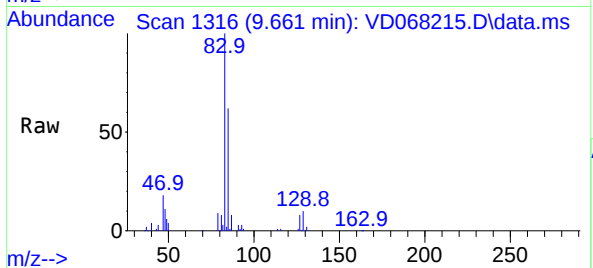
Tgt Ion: 93 Resp: 44118  
Ion Ratio Lower Upper  
93 100  
95 84.8 67.3 100.9  
174 98.1 84.6 127.0





#47  
Bromodichloromethane  
Concen: 21.43 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

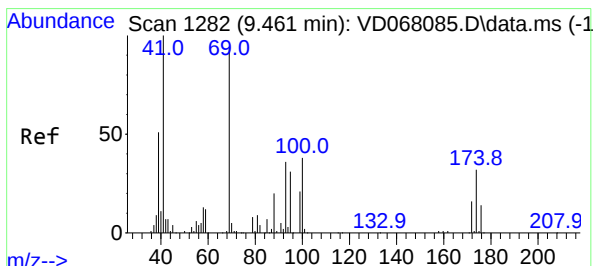
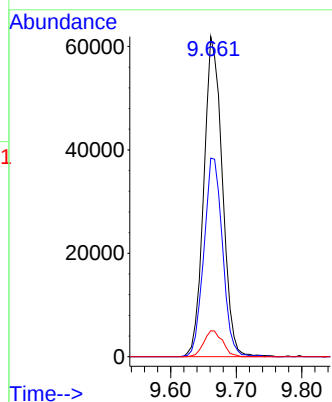
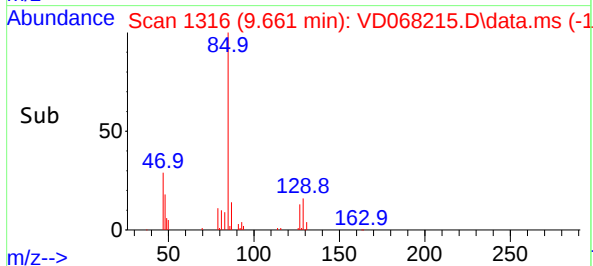
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



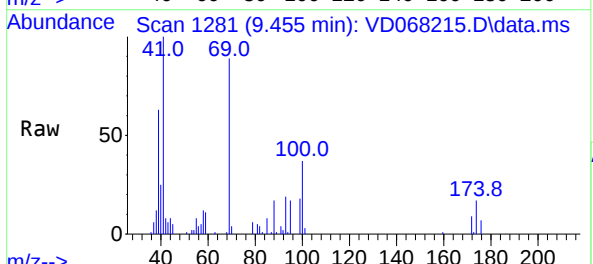
Tgt Ion: 83 Resp: 121637  
Ion Ratio Lower Upper  
83 100  
85 62.1 51.6 77.4  
127 8.1 7.4 11.0

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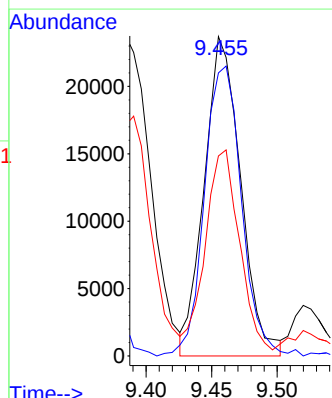
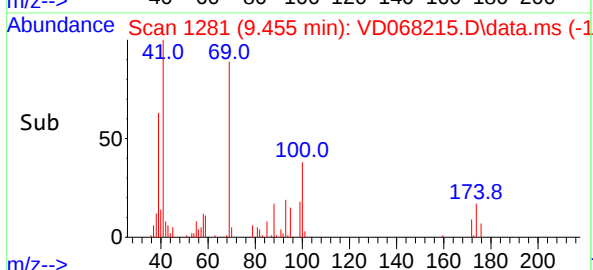
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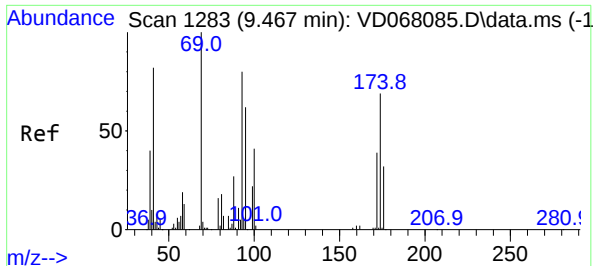


#48  
Methyl methacrylate  
Concen: 20.52 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



Tgt Ion: 41 Resp: 45657  
Ion Ratio Lower Upper  
41 100  
69 93.2 77.1 115.7  
39 57.9 41.5 62.3





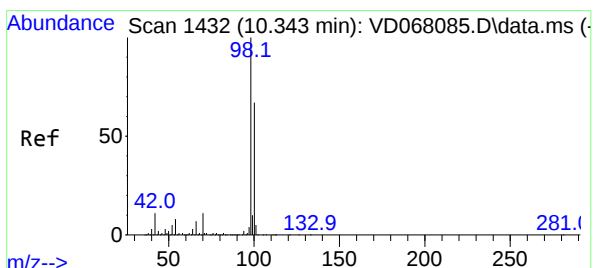
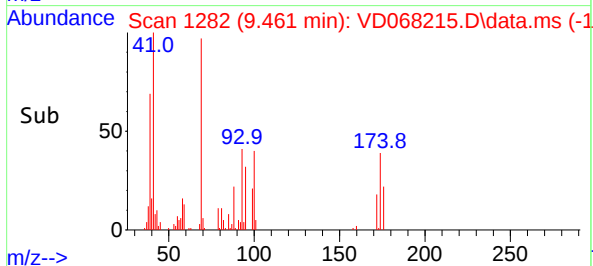
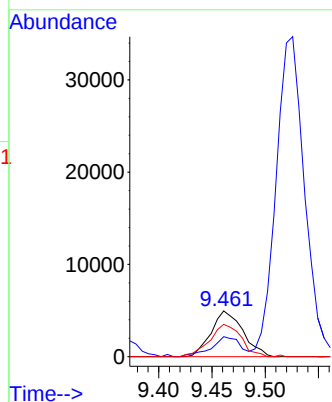
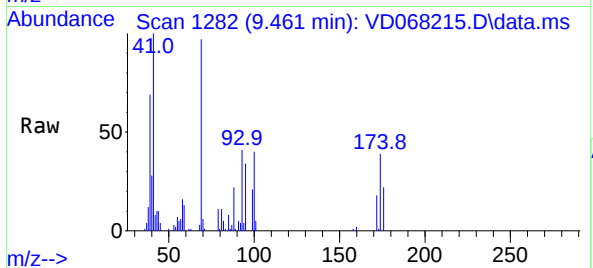
#49  
1,4-Dioxane  
Concen: 416.97 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 88 Resp: 10278  
Ion Ratio Lower Upper  
88 100  
43 39.2 22.1 33.1#  
58 70.0 46.7 70.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

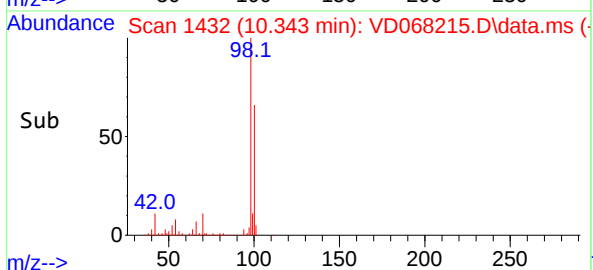
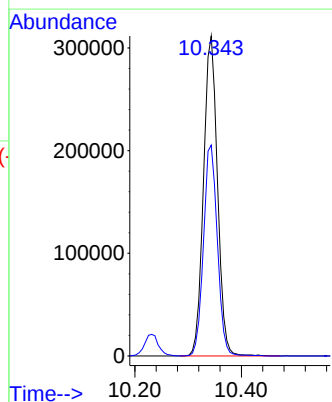
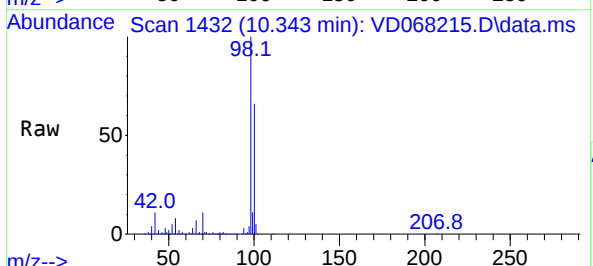
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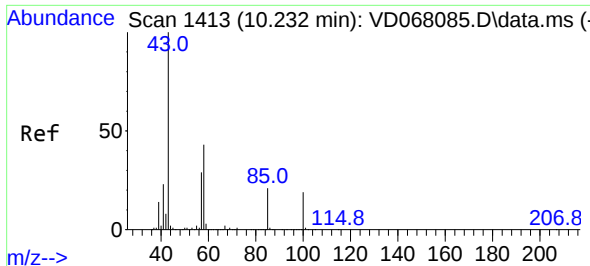
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#50  
Toluene-d8  
Concen: 42.59 ug/l  
RT: 10.343 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 98 Resp: 566187  
Ion Ratio Lower Upper  
98 100  
100 65.5 53.0 79.4





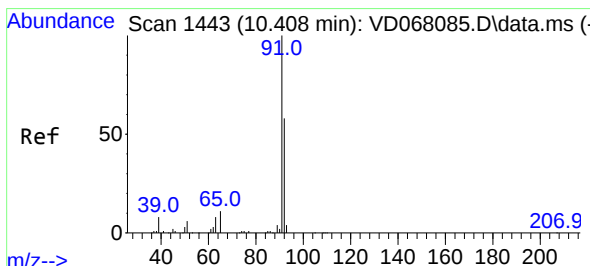
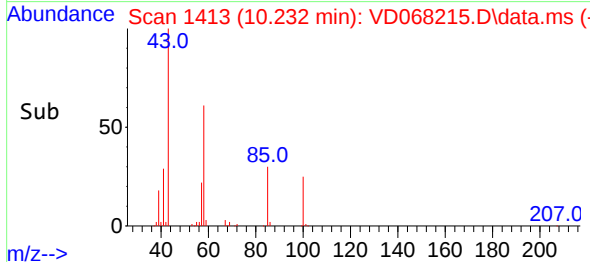
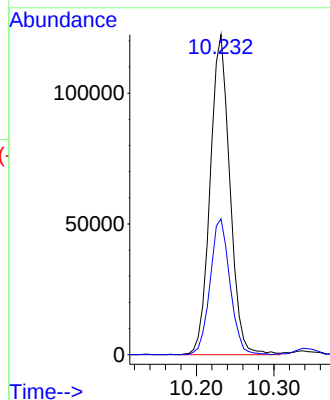
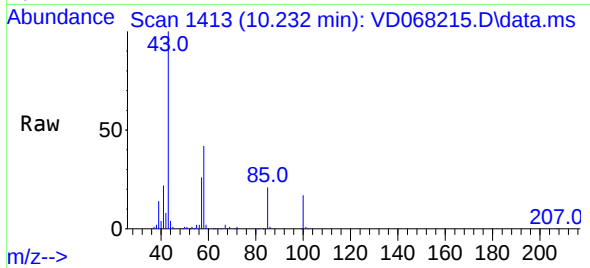
#51  
4-Methyl-2-Pentanone  
Concen: 104.04 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 43 Resp: 216152  
Ion Ratio Lower Upper  
43 100  
58 42.7 36.1 54.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

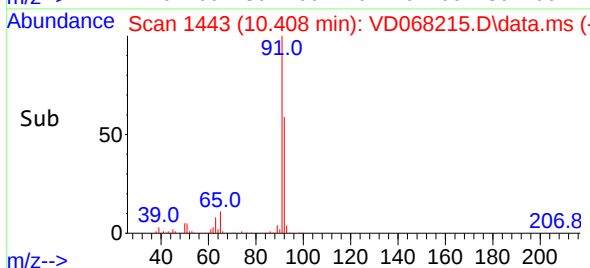
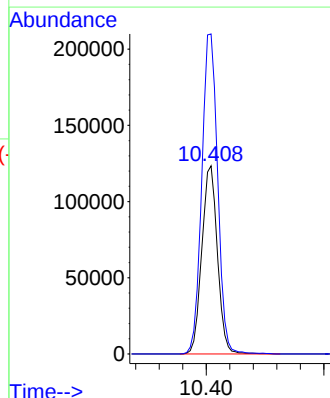
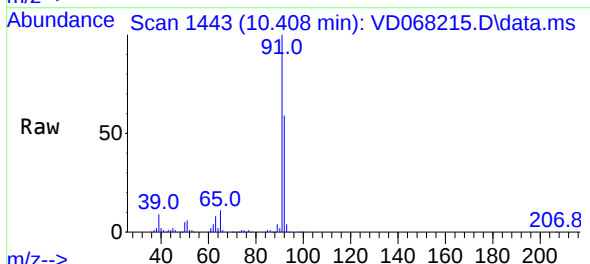
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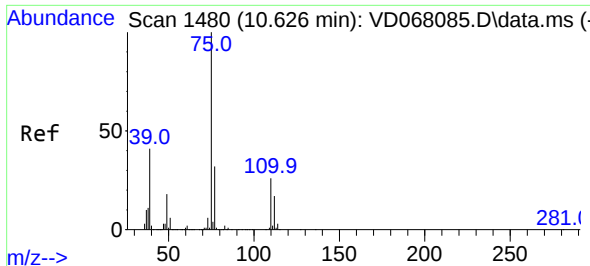
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#52  
Toluene  
Concen: 20.51 ug/l  
RT: 10.408 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 92 Resp: 226522  
Ion Ratio Lower Upper  
92 100  
91 173.8 134.1 201.1





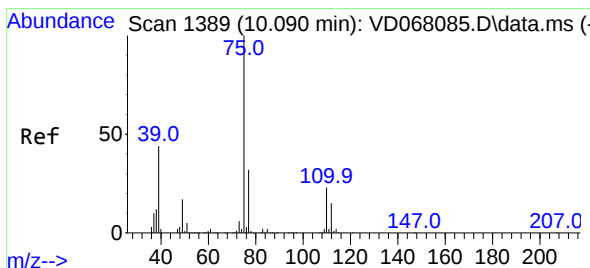
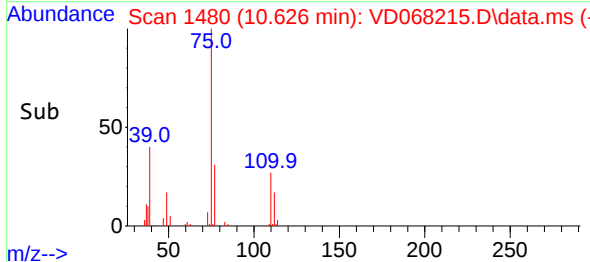
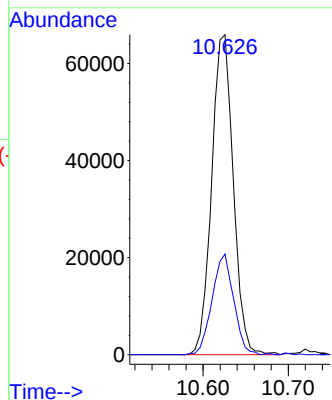
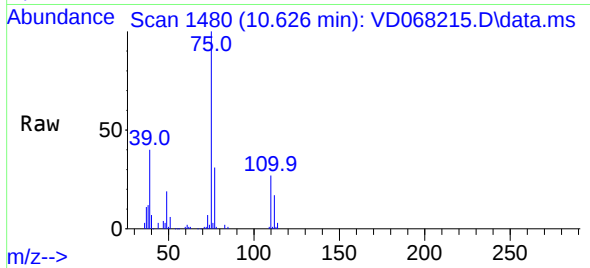
#53  
t-1,3-Dichloropropene  
Concen: 20.23 ug/l  
RT: 10.626 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 75 Resp: 116202  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.0 37.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBS01

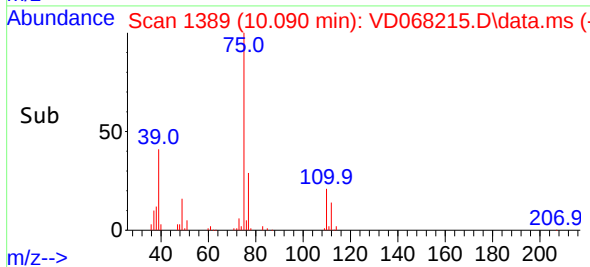
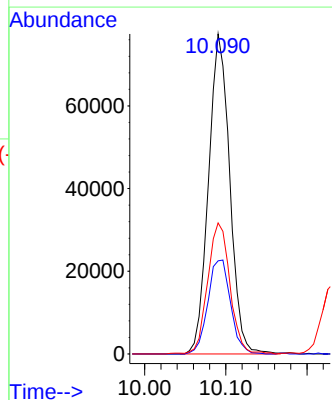
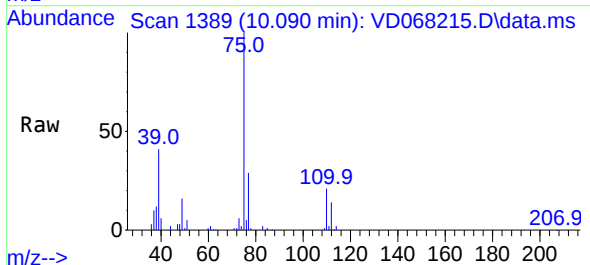
Manual Integrations  
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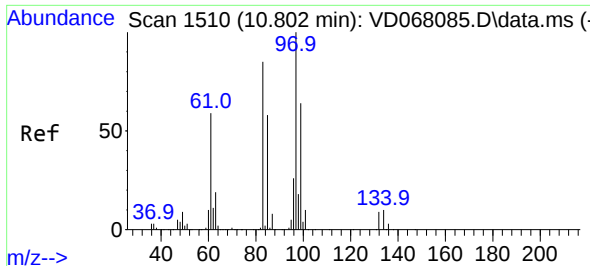
MMDadoda  
1/29/2021 11:59:14 AM



#54  
cis-1,3-Dichloropropene  
Concen: 20.57 ug/l  
RT: 10.090 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 75 Resp: 140659  
Ion Ratio Lower Upper  
75 100  
77 29.1 24.6 37.0  
39 40.7 31.4 47.0





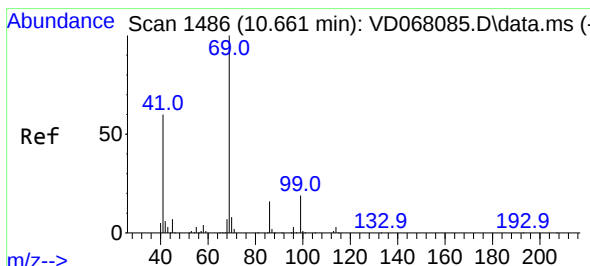
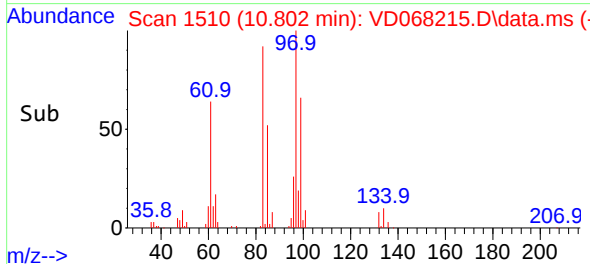
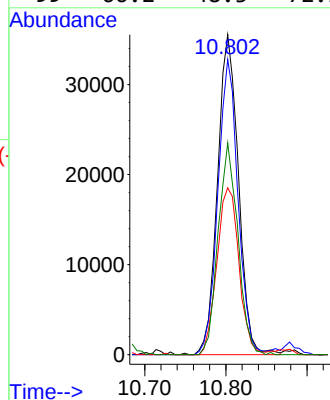
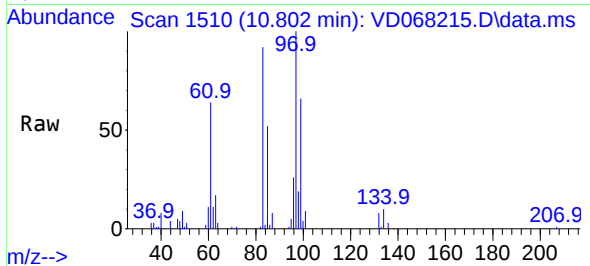
#55  
1,1,2-Trichloroethane  
Concen: 21.37 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 63688 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 92.2  | 61.8  | 92.6  |
| 85       | 52.2  | 42.2  | 63.2  |
| 99       | 66.2  | 48.3  | 72.5  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

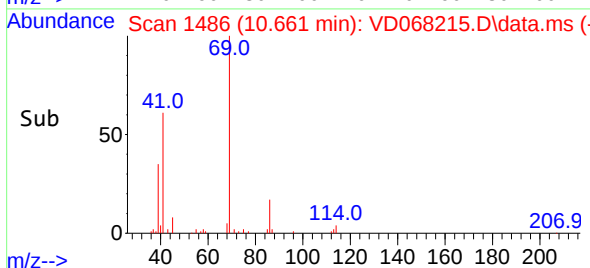
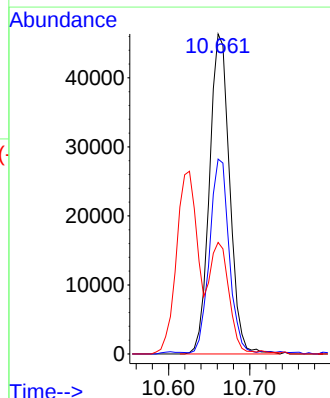
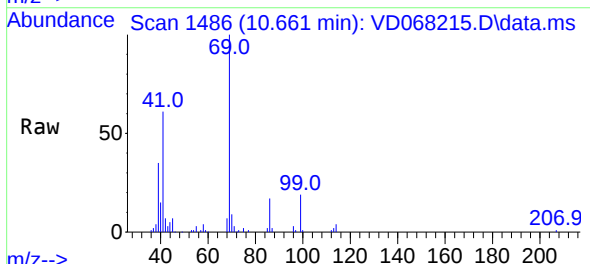
Manual Integrations  
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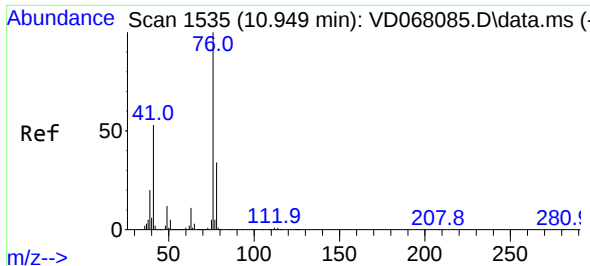
MMDadoda  
1/29/2021 11:59:14 AM



#56  
Ethyl methacrylate  
Concen: 20.09 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 79781 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 58.5  | 44.9  | 67.3  |
| 39       | 32.7  | 21.9  | 32.9  |





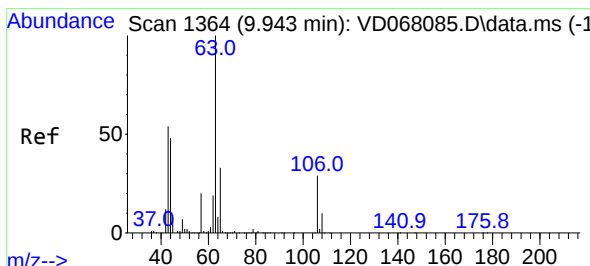
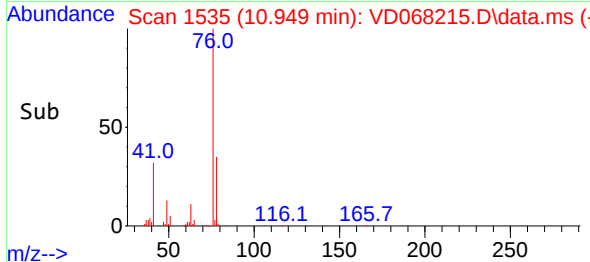
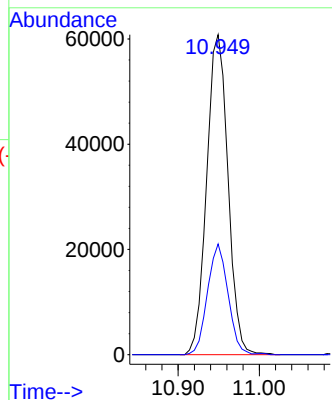
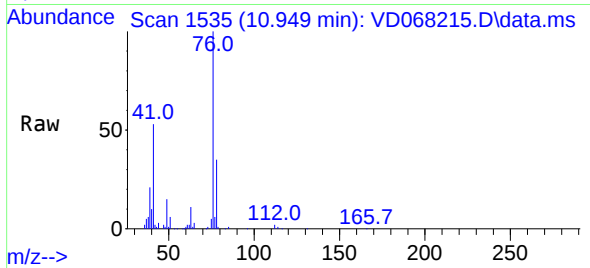
#57  
1,3-Dichloropropane  
Concen: 21.09 ug/l  
RT: 10.949 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 76 Resp: 110905  
Ion Ratio Lower Upper  
76 100  
78 33.3 25.6 38.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

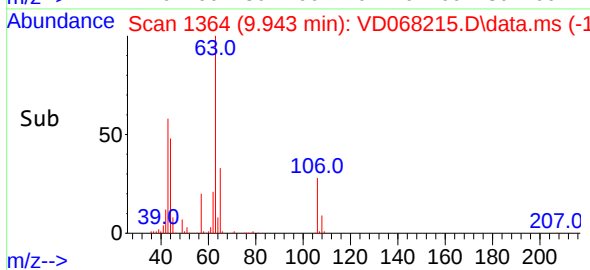
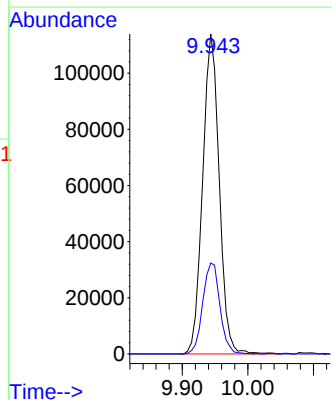
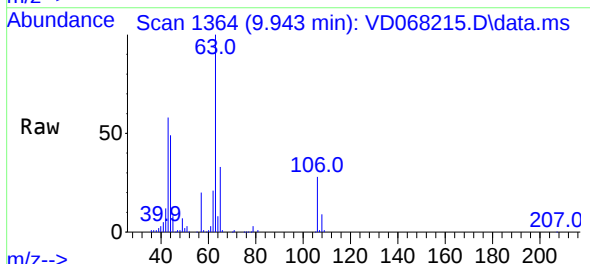
Manual Integrations  
APPROVED

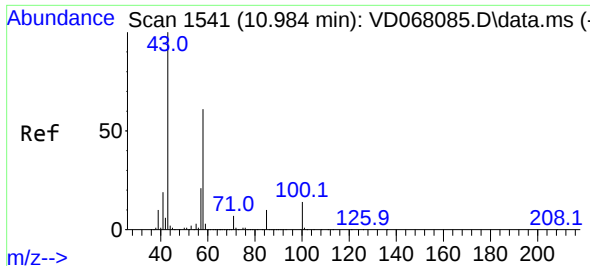
MMDadoda  
1/29/2021 11:59:14 AM



#58  
2-Chloroethyl Vinyl ether  
Concen: 109.52 ug/l  
RT: 9.943 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 63 Resp: 200678  
Ion Ratio Lower Upper  
63 100  
106 29.4 27.0 40.4





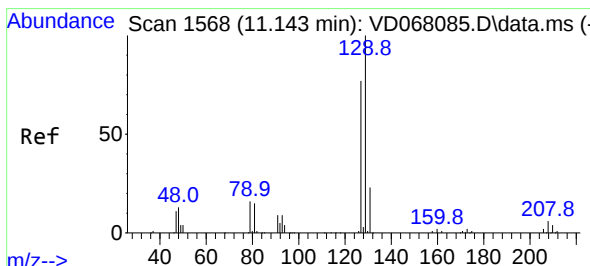
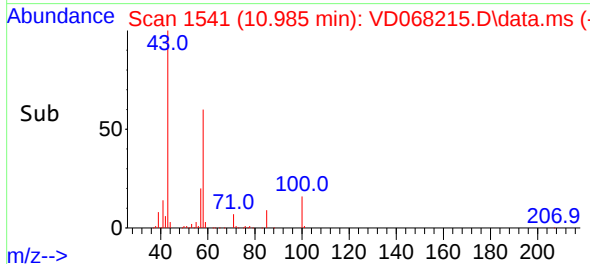
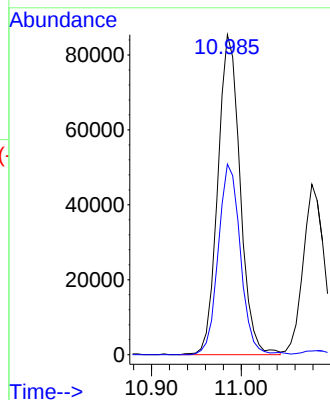
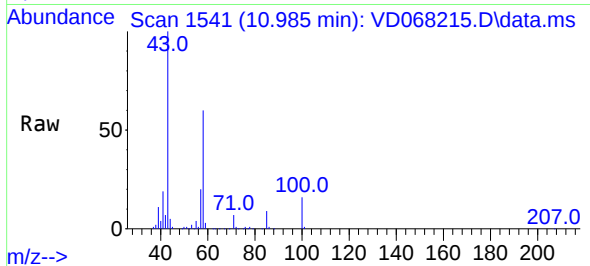
#59  
2-Hexanone  
Concen: 102.17 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 43 Resp: 147136  
Ion Ratio Lower Upper  
43 100  
58 59.3 31.0 93.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBS01

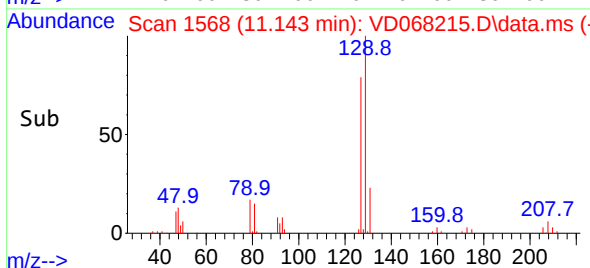
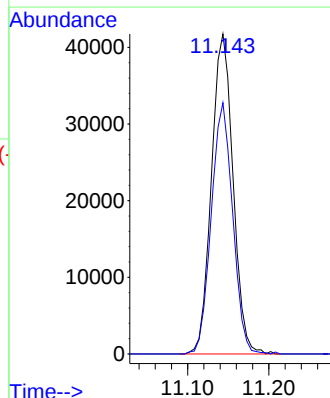
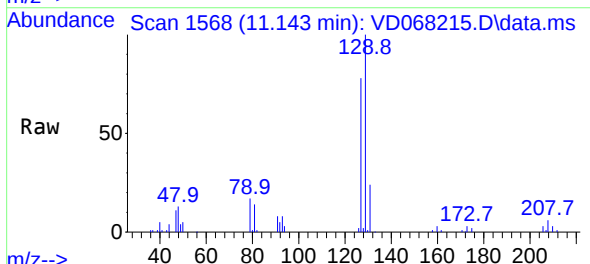
Manual Integrations  
APPROVED

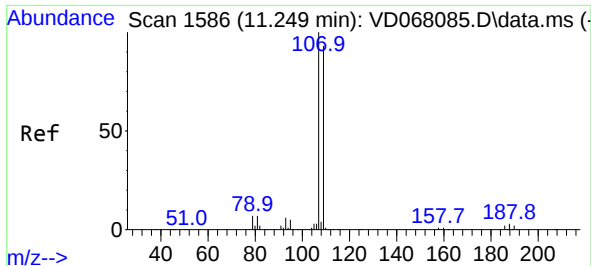
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#60  
Dibromochloromethane  
Concen: 20.62 ug/l  
RT: 11.143 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

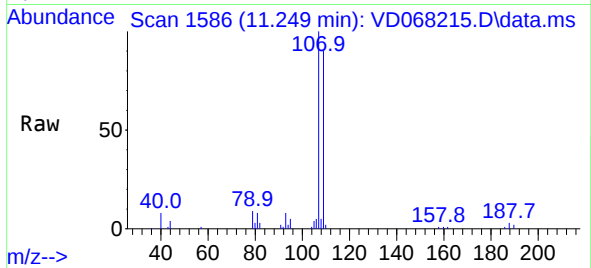
Tgt Ion: 129 Resp: 77073  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 116.0





#61  
1,2-Dibromoethane  
Concen: 20.55 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

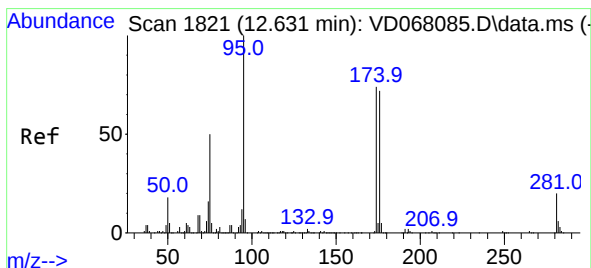
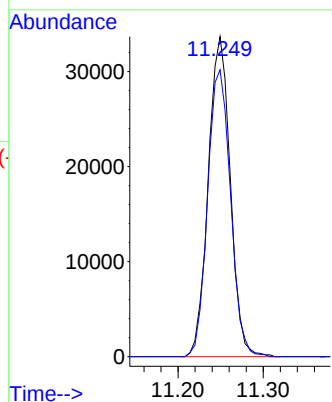
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



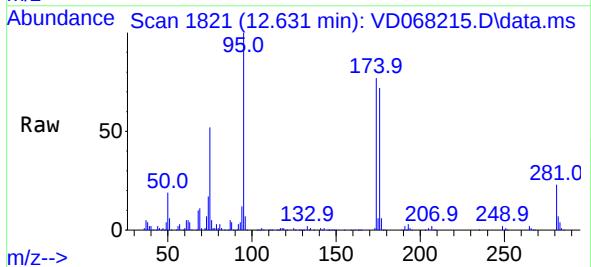
Tgt Ion:107 Resp: 60444  
Ion Ratio Lower Upper  
107 100  
109 93.1 74.8 112.2

Manual Integrations  
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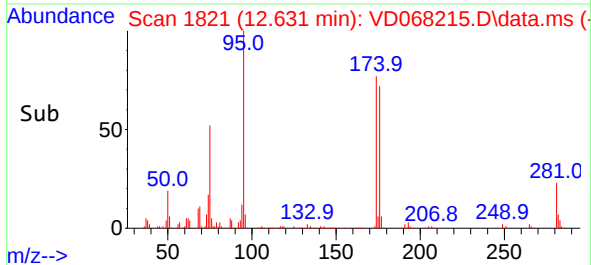
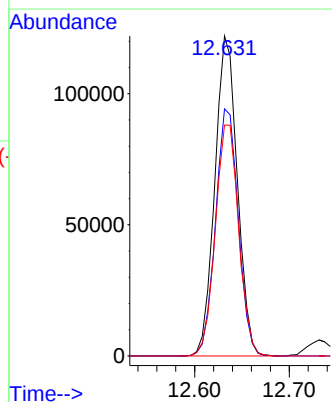
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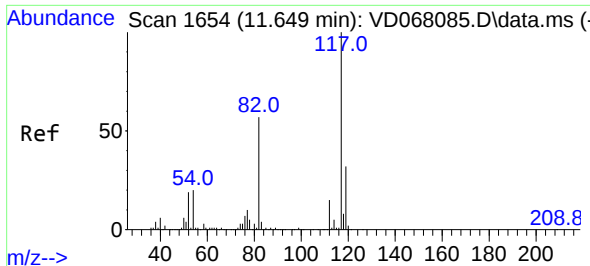


#62  
4-Bromofluorobenzene  
Concen: 41.98 ug/l  
RT: 12.631 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



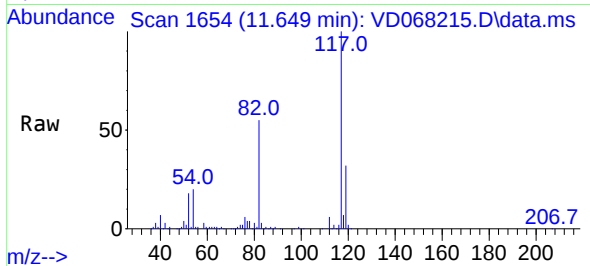
Tgt Ion: 95 Resp: 200982  
Ion Ratio Lower Upper  
95 100  
174 78.4 0.0 172.4  
176 75.1 0.0 168.4





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.649 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

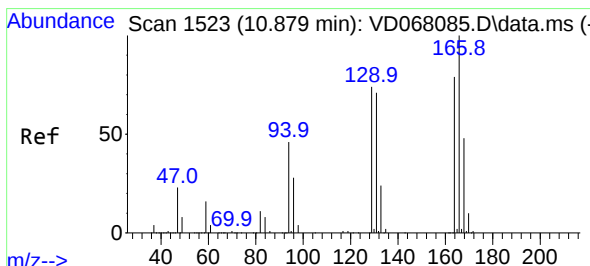
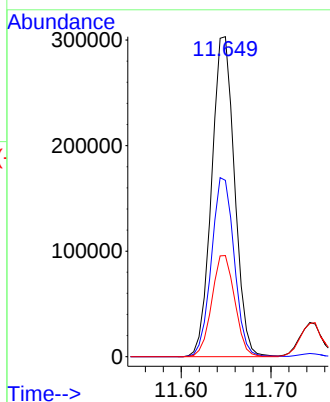
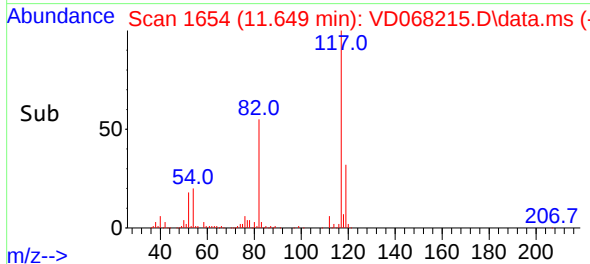
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



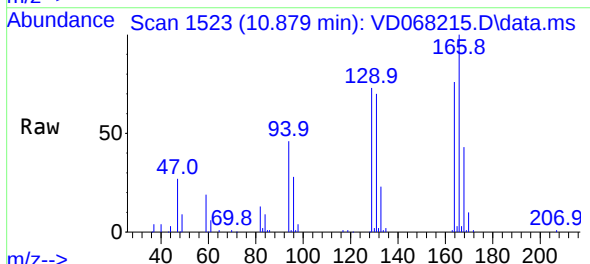
Tgt Ion:117 Resp: 539153  
Ion Ratio Lower Upper  
117 100  
82 55.1 41.4 62.0  
119 31.6 26.1 39.1

Manual Integrations  
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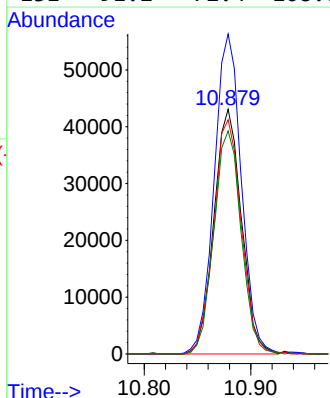
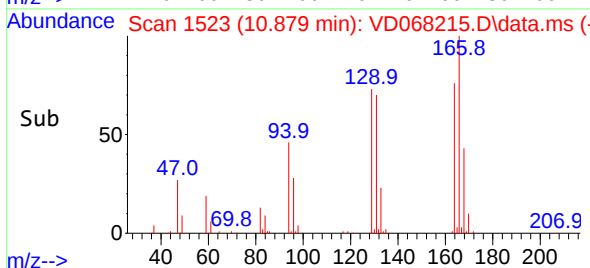
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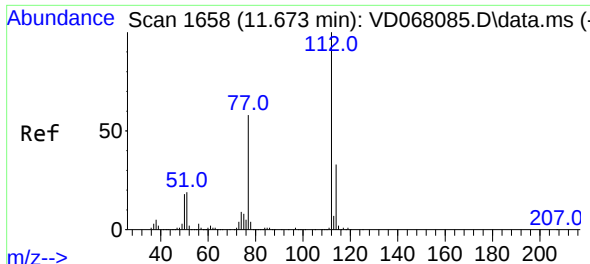


#64  
Tetrachloroethene  
Concen: 20.32 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



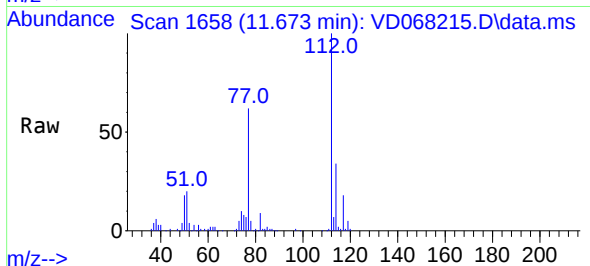
Tgt Ion:164 Resp: 77235  
Ion Ratio Lower Upper  
164 100  
166 130.8 105.5 158.3  
129 95.8 75.6 113.4  
131 91.2 72.4 108.6





#65  
Chlorobenzene  
Concen: 20.77 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

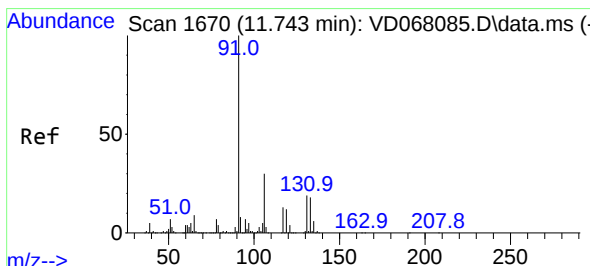
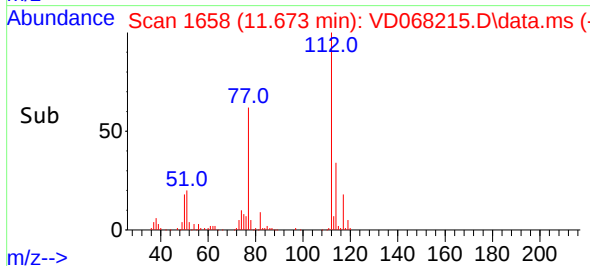
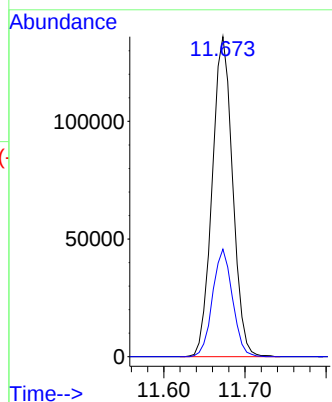
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



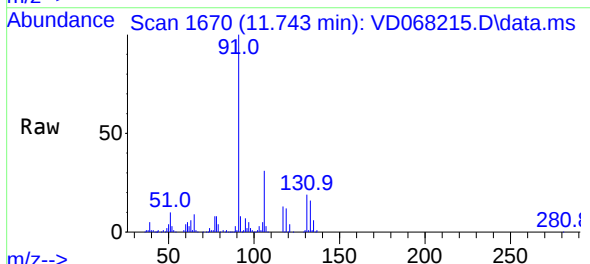
Tgt Ion:112 Resp: 237890  
Ion Ratio Lower Upper  
112 100  
114 33.6 25.7 38.5

Manual Integrations  
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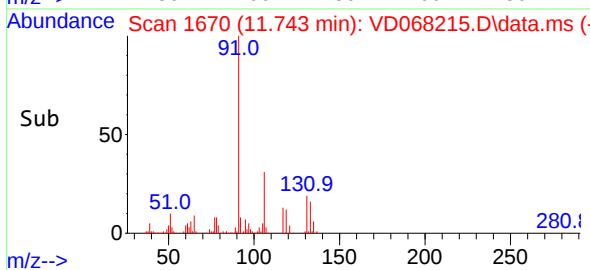
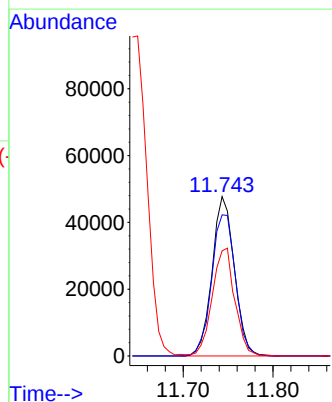
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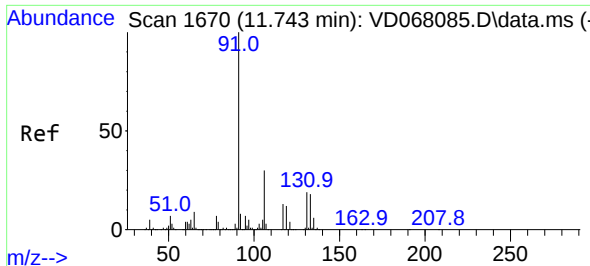


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.40 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



Tgt Ion:131 Resp: 82206  
Ion Ratio Lower Upper  
131 100  
133 94.6 48.1 144.4  
119 68.6 31.6 94.8





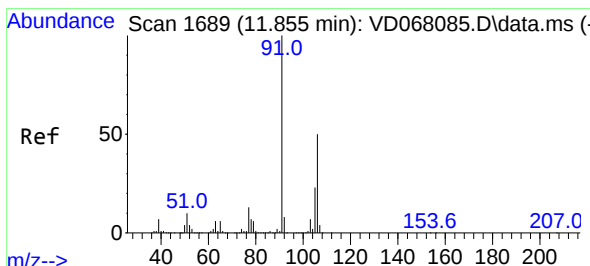
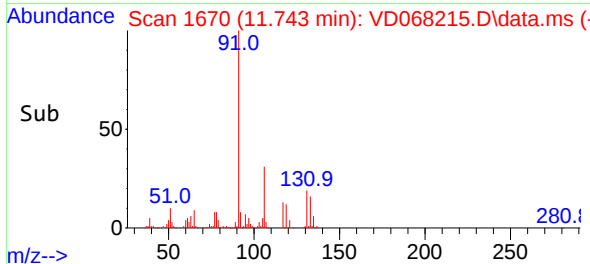
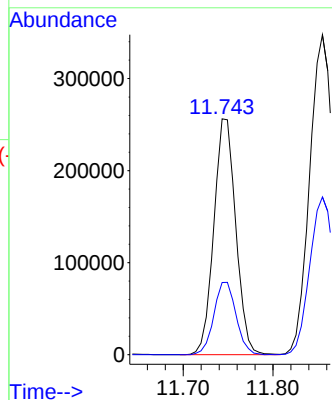
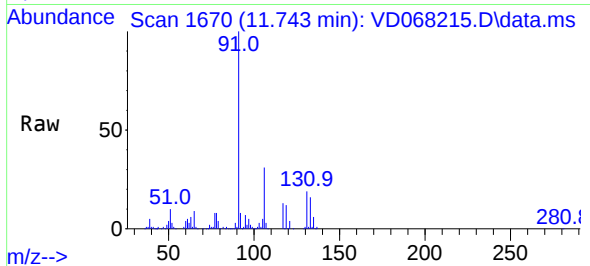
#67  
Ethyl Benzene  
Concen: 20.54 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 91 Resp: 435747  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.9 38.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

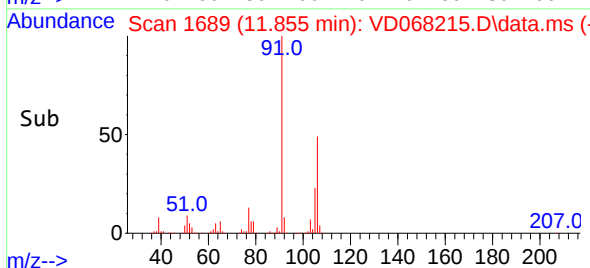
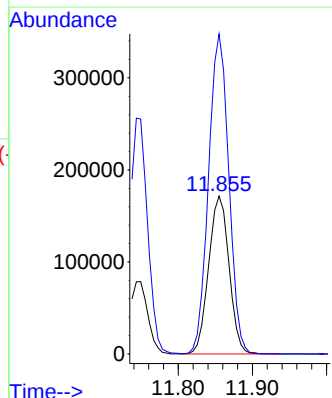
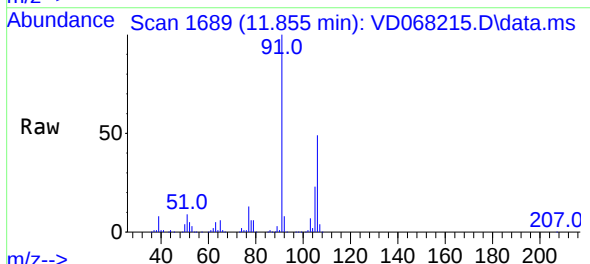
Manual Integrations  
APPROVED

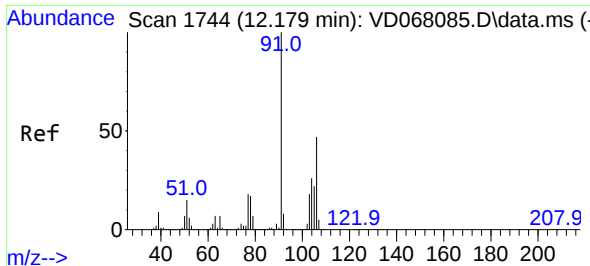
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#68  
m/p-Xylenes  
Concen: 40.92 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

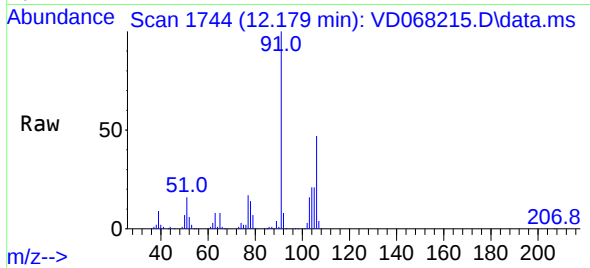
Tgt Ion:106 Resp: 327672  
Ion Ratio Lower Upper  
106 100  
91 201.4 159.1 238.7





#69  
o-Xylene  
Concen: 20.49 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

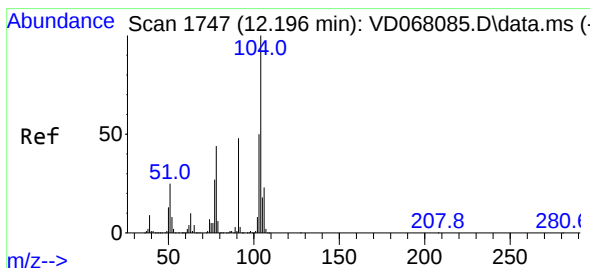
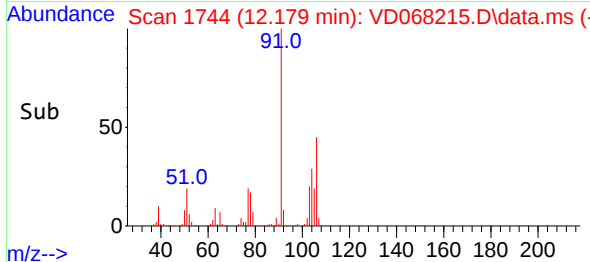
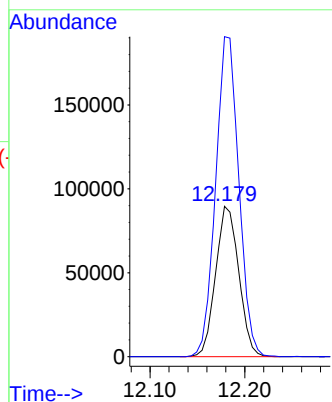
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



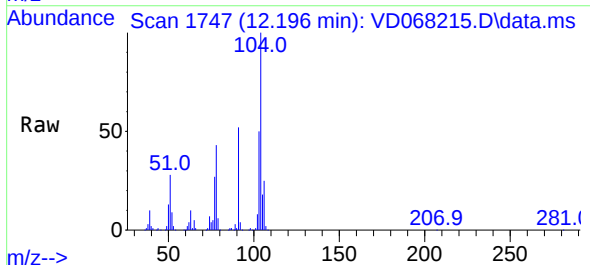
Tgt Ion:106 Resp: 152404  
Ion Ratio Lower Upper  
106 100  
91 213.2 108.7 325.9

Manual Integrations  
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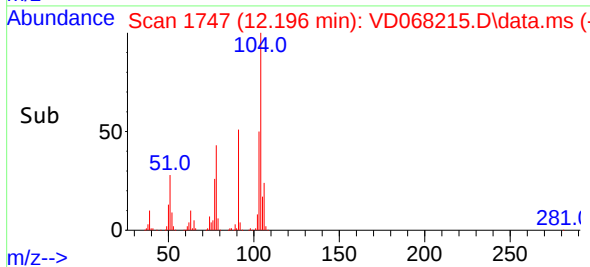
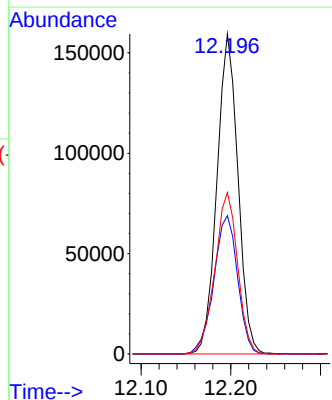
MMDadoda  
1/29/2021 11:59:14 AM

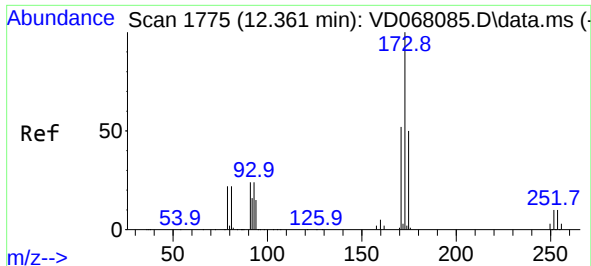


#70  
Styrene  
Concen: 20.45 ug/l  
RT: 12.196 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



Tgt Ion:104 Resp: 259540  
Ion Ratio Lower Upper  
104 100  
78 48.8 38.2 57.2  
103 54.4 43.1 64.7





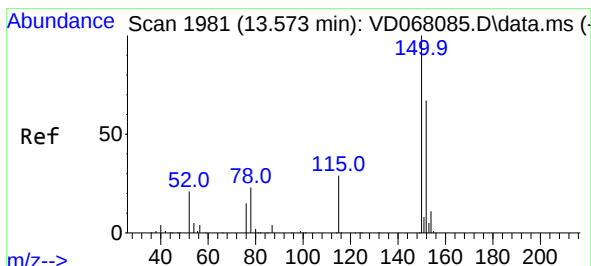
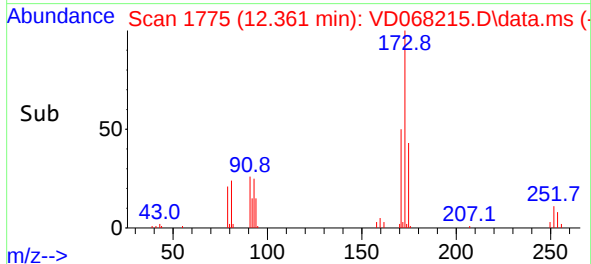
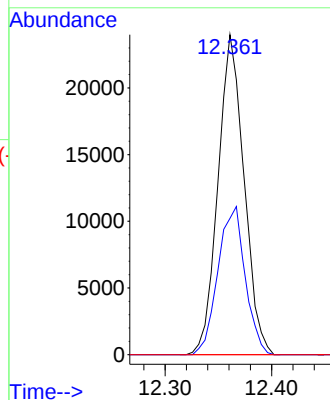
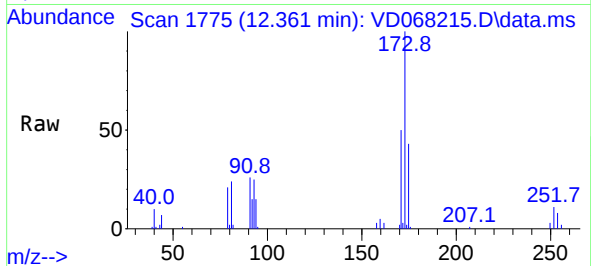
#71  
Bromoform  
Concen: 19.92 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion:173 Resp: 40682  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.6 73.8  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

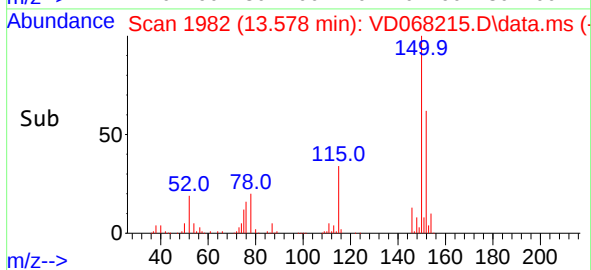
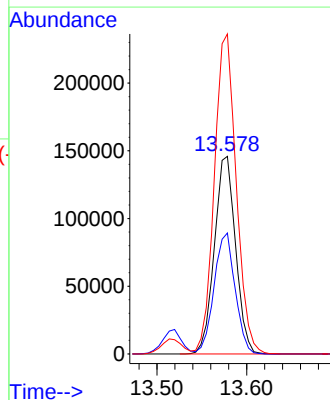
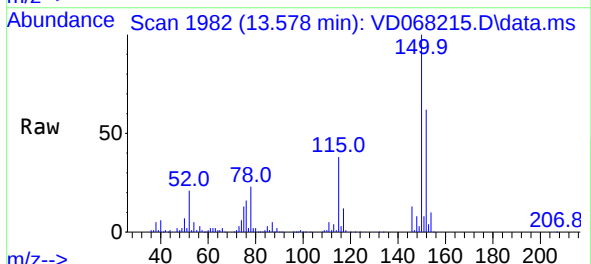
Manual Integrations  
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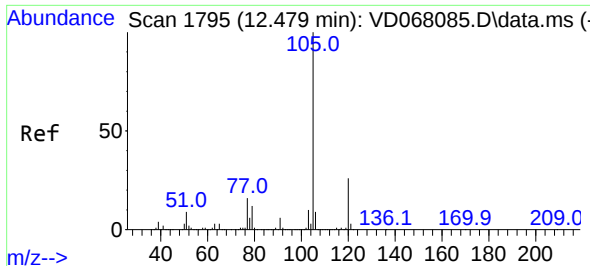
MMDadoda  
1/29/2021 11:59:14 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.578 min Scan# 1982  
Delta R.T. 0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

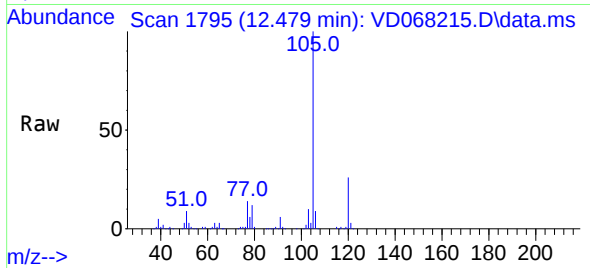
Tgt Ion:152 Resp: 239186  
Ion Ratio Lower Upper  
152 100  
115 60.7 28.9 86.8  
150 167.4 0.0 344.4





#73  
Isopropylbenzene  
Concen: 20.93 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

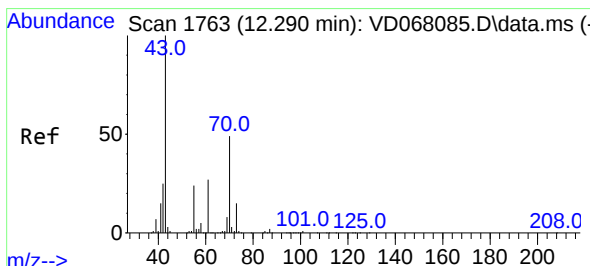
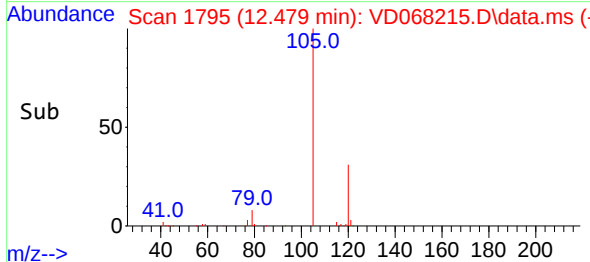
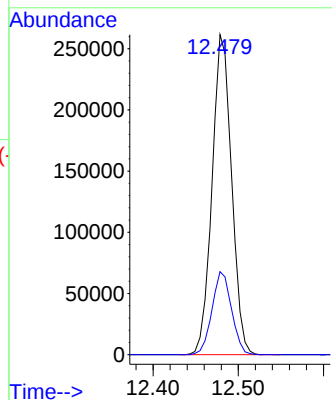
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



Tgt Ion:105 Resp: 416505  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.2 39.6

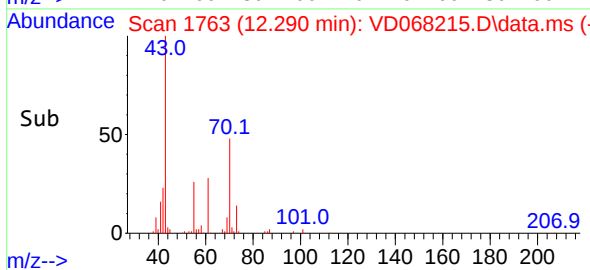
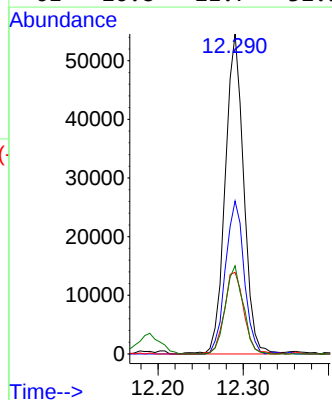
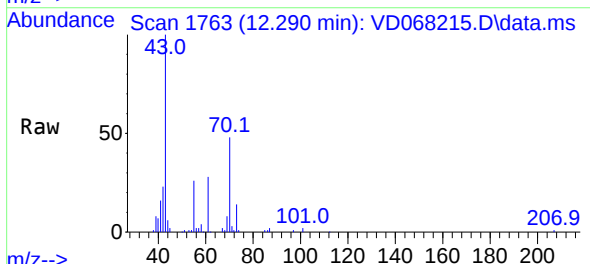
Manual Integrations  
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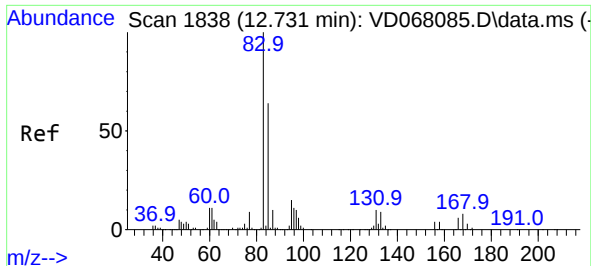
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#74  
N-ethyl acetate  
Concen: 19.85 ug/l  
RT: 12.290 min Scan# 1763  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 43 Resp: 82122  
Ion Ratio Lower Upper  
43 100  
70 48.1 41.8 62.8  
55 26.9 24.2 36.4  
61 26.8 21.7 32.5





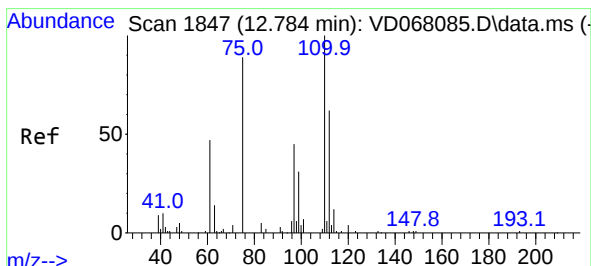
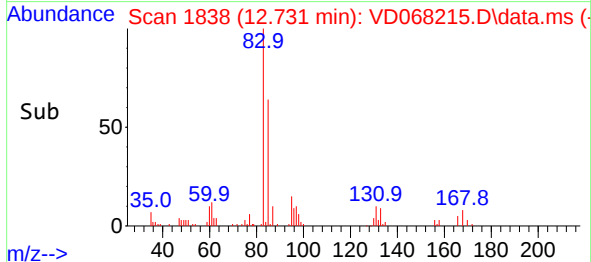
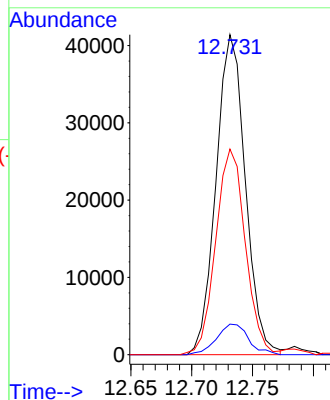
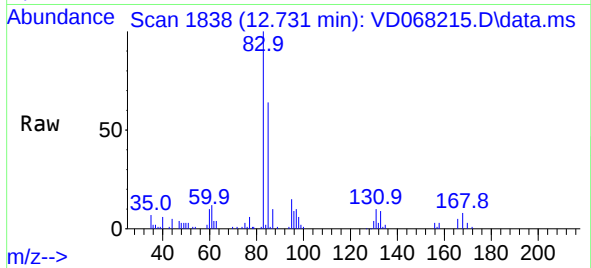
#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.92 ug/l  
RT: 12.731 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 83 Resp: 69382  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.8 17.4  
85 65.0 32.4 97.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

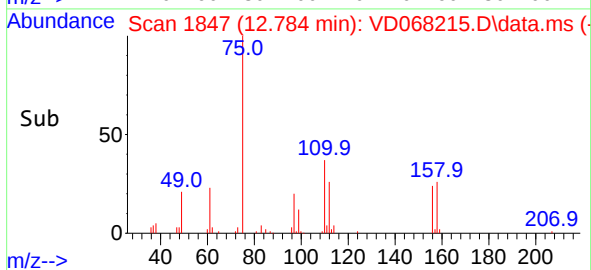
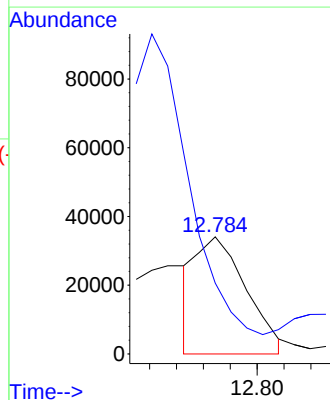
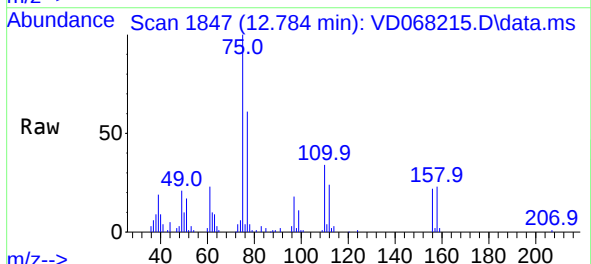
Manual Integrations  
APPROVED

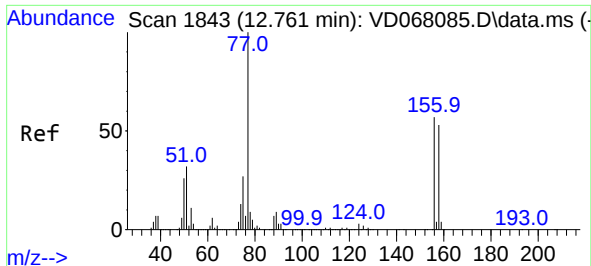
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#76  
1,2,3-Trichloropropane  
Concen: 19.13 ug/l m  
RT: 12.784 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 75 Resp: 44241  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





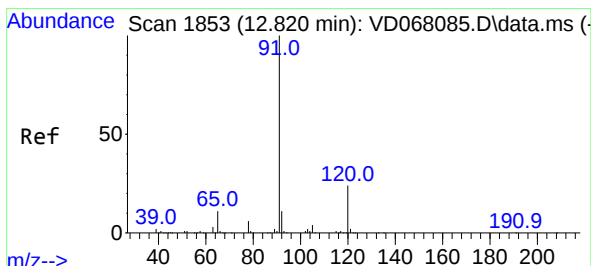
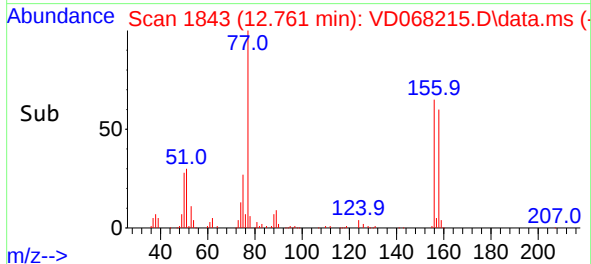
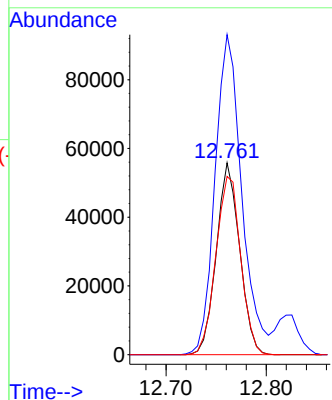
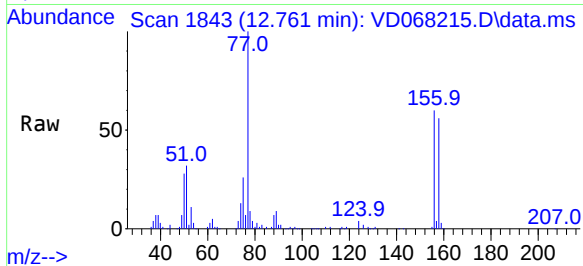
#77  
Bromobenzene  
Concen: 21.04 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 156 Resp: 89798  
Ion Ratio Lower Upper  
156 100  
77 191.1 82.8 248.3  
158 99.1 48.0 144.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

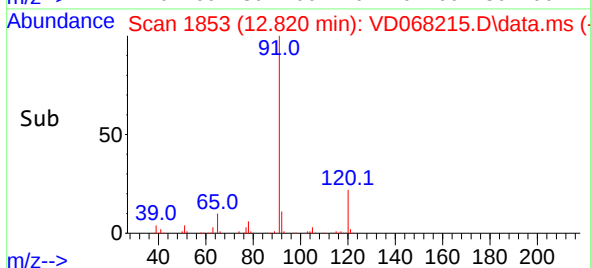
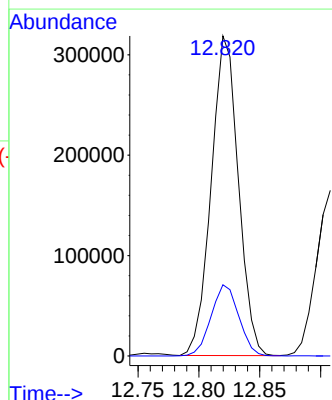
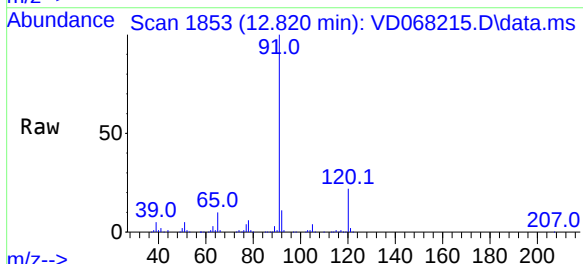
Manual Integrations  
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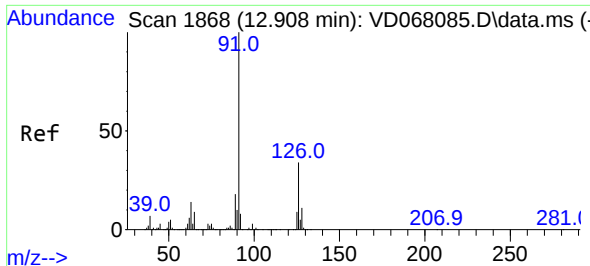
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#78  
n-propylbenzene  
Concen: 20.97 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 91 Resp: 493785  
Ion Ratio Lower Upper  
91 100  
120 22.7 12.0 36.0





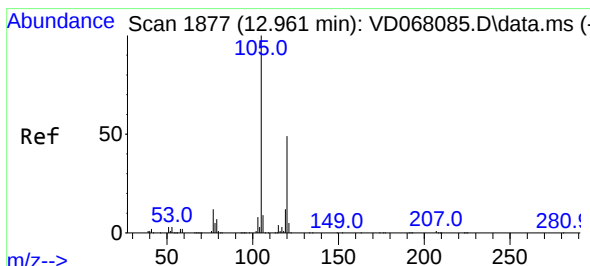
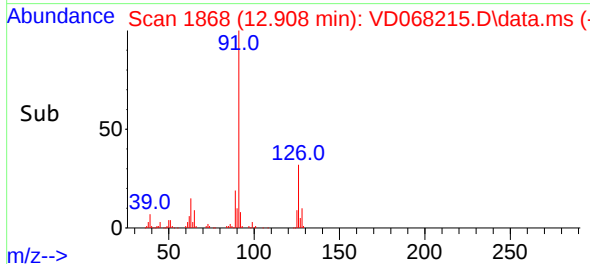
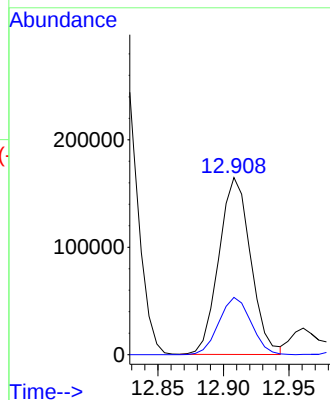
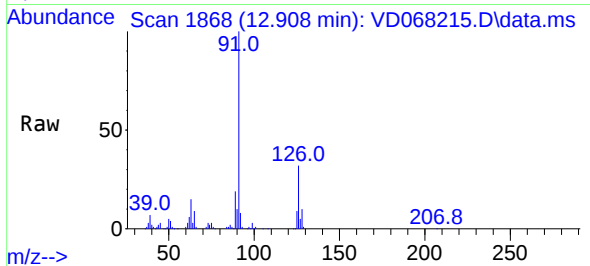
#79  
2-Chlorotoluene  
Concen: 20.99 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 91 Resp: 277530  
Ion Ratio Lower Upper  
91 100  
126 32.8 17.8 53.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

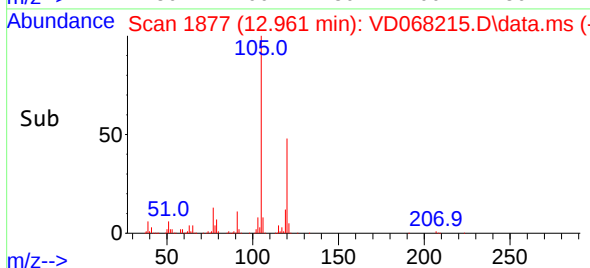
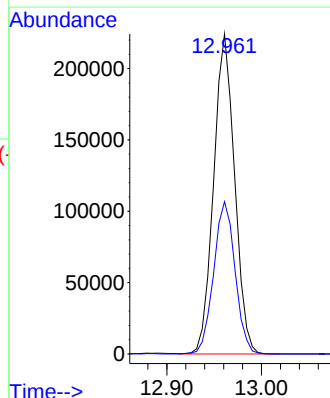
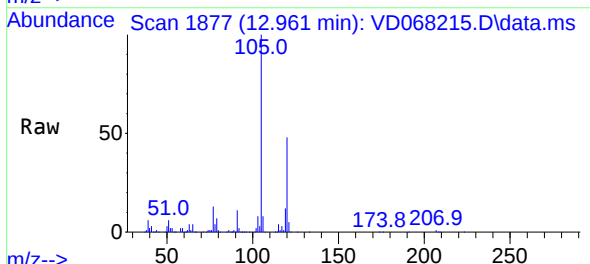
Manual Integrations  
APPROVED

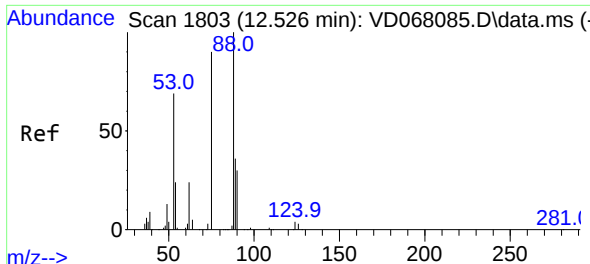
MMDadoda  
1/29/2021 11:59:14 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 20.80 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

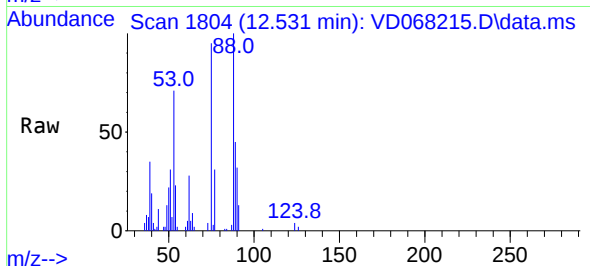
Tgt Ion: 105 Resp: 344708  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.2 72.6





#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.46 ug/l  
RT: 12.531 min Scan# 1804  
Delta R.T. 0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

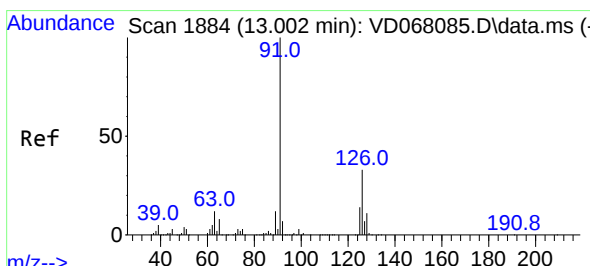
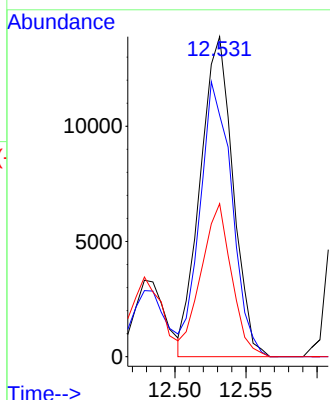
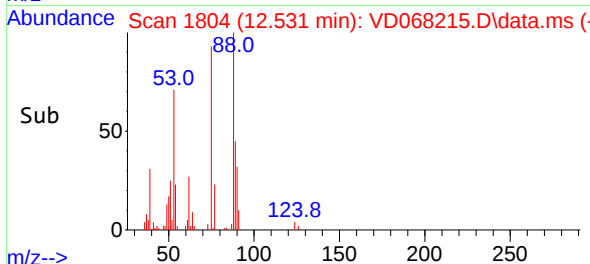
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



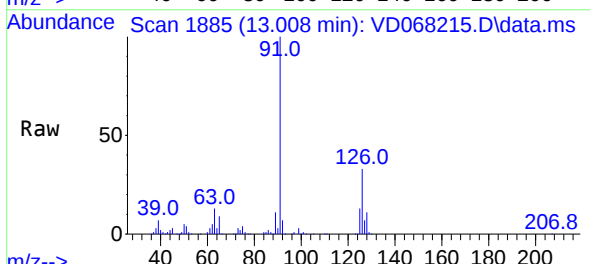
Tgt Ion: 75 Resp: 22246  
Ion Ratio Lower Upper  
75 100  
53 83.7 70.2 105.2  
89 44.7 40.3 60.5

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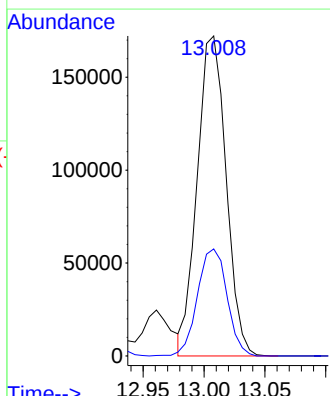
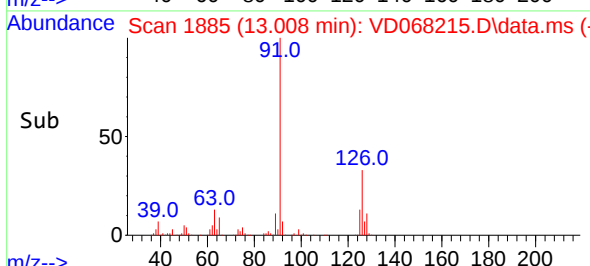
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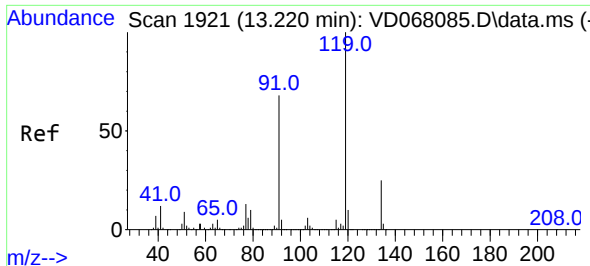


#82  
4-Chlorotoluene  
Concen: 20.72 ug/l  
RT: 13.008 min Scan# 1885  
Delta R.T. 0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



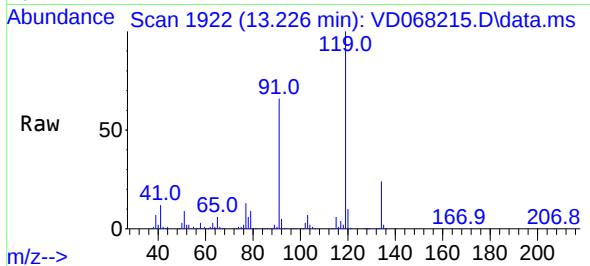
Tgt Ion: 91 Resp: 284881  
Ion Ratio Lower Upper  
91 100  
126 34.3 17.7 53.1





#83  
tert-Butylbenzene  
Concen: 20.29 ug/l  
RT: 13.226 min Scan# 1922  
Delta R.T. 0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

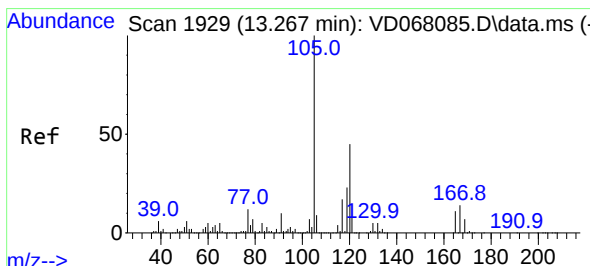
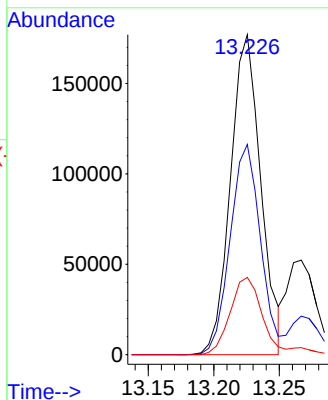
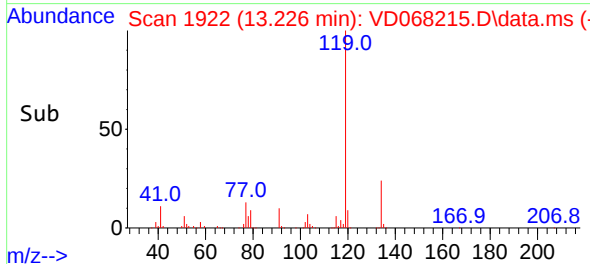
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



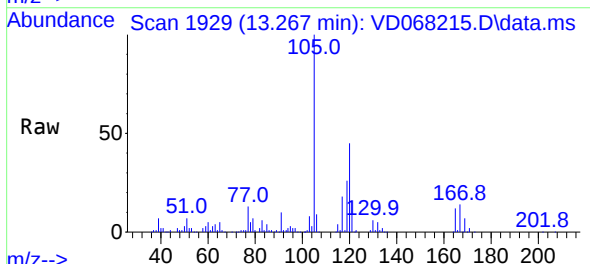
Tgt Ion:119 Resp: 285036  
Ion Ratio Lower Upper  
119 100  
91 65.3 31.1 93.5  
134 26.6 13.3 39.8

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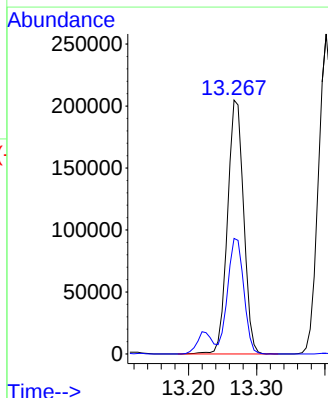
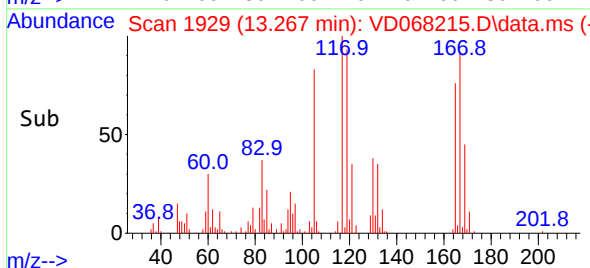
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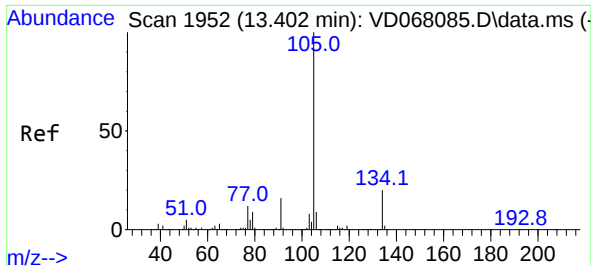


#84  
1,2,4-Trimethylbenzene  
Concen: 20.45 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



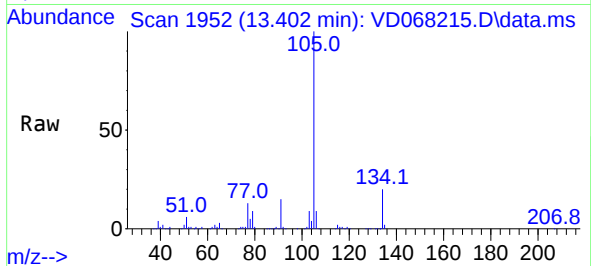
Tgt Ion:105 Resp: 336499  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.4 67.0





#85  
 sec-Butylbenzene  
 Concen: 20.62 ug/l  
 RT: 13.402 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VD068215.D  
 Acq: 28 Jan 2021 11:34

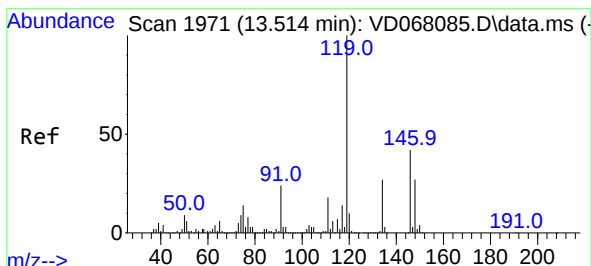
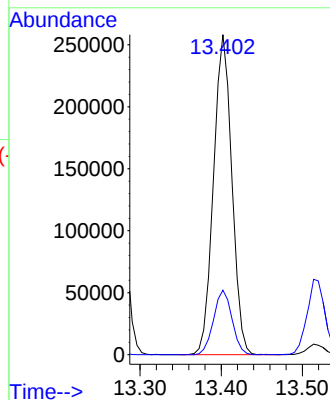
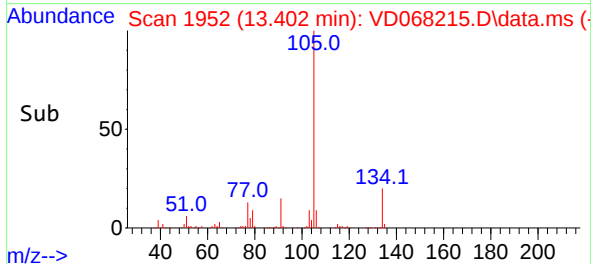
Instrument :  
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 ClientSampleId :  
 VD0128SBSD01



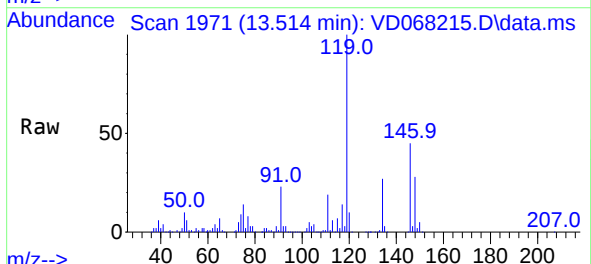
Tgt Ion:105 Resp: 405041  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.3 30.9

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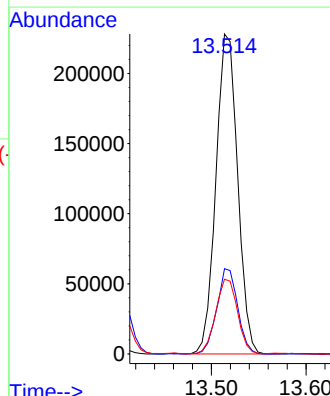
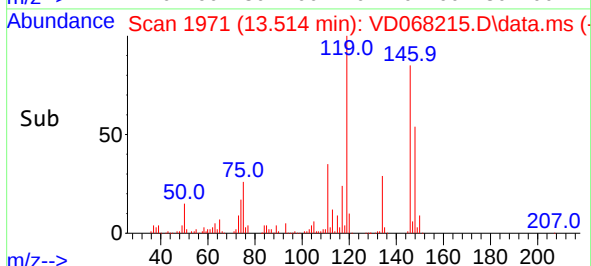
MMDadoda  
 1/29/2021 11:59:14 AM

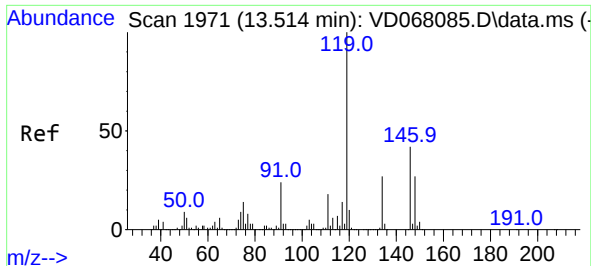


#86  
 p-Isopropyltoluene  
 Concen: 20.34 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. 0.000 min  
 Lab File: VD068215.D  
 Acq: 28 Jan 2021 11:34

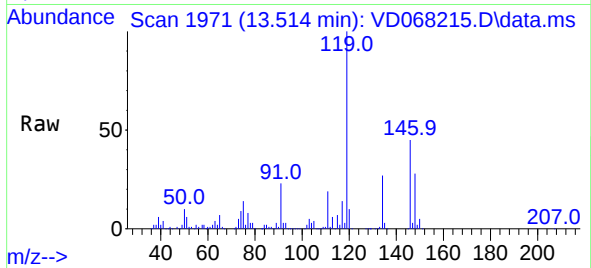


Tgt Ion:119 Resp: 363408  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 12.9 38.7  
 91 23.4 11.7 35.0

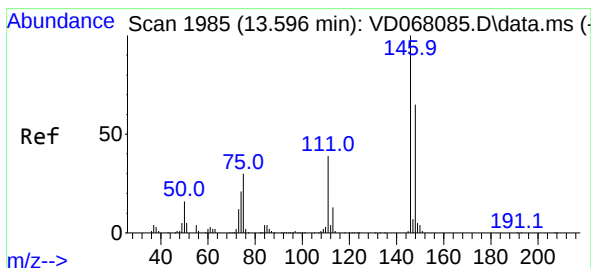
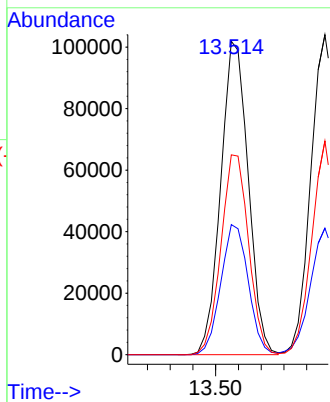
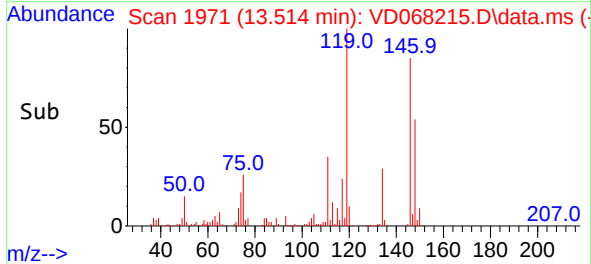




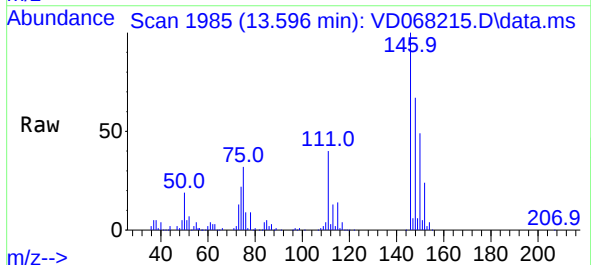
#87  
1,3-Dichlorobenzene  
Concen: 20.92 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



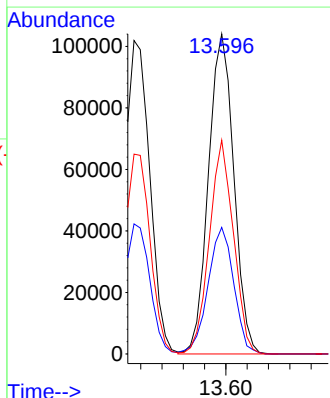
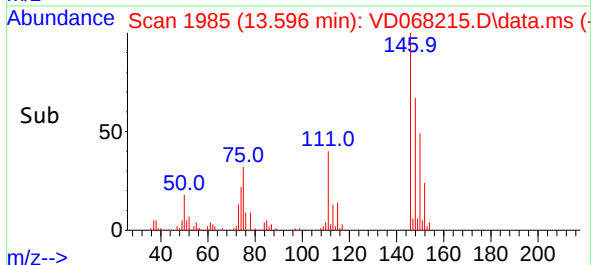
Tgt Ion:146 Resp: 171604  
Ion Ratio Lower Upper  
146 100  
111 41.5 19.5 58.5  
148 64.0 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 21.30 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



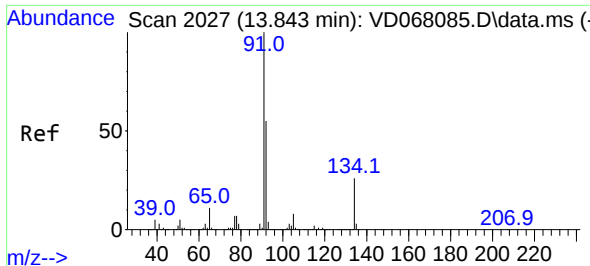
Tgt Ion:146 Resp: 172186  
Ion Ratio Lower Upper  
146 100  
111 40.1 19.1 57.1  
148 63.4 31.9 95.7



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBS01

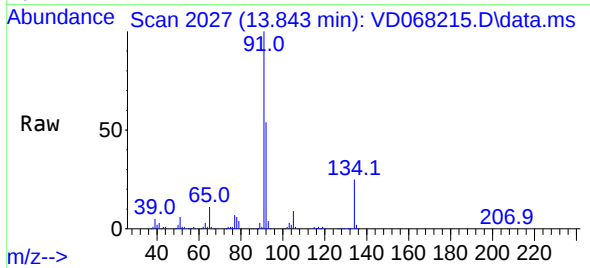
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#89  
n-Butylbenzene  
Concen: 20.59 ug/l  
RT: 13.843 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

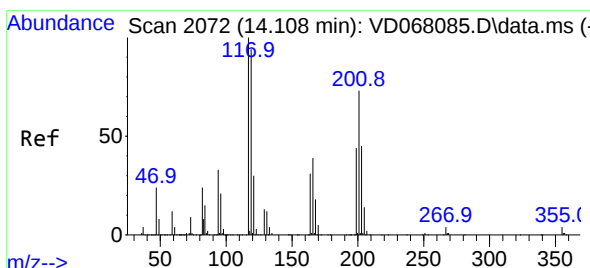
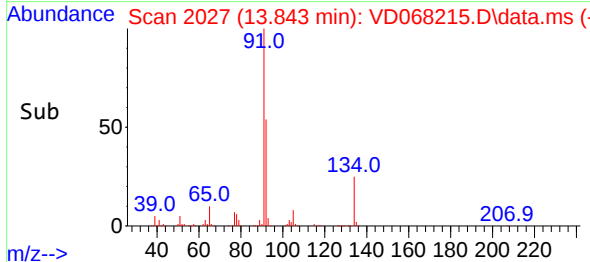
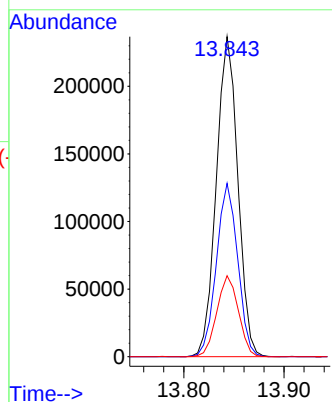
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



Tgt Ion: 91 Resp: 353094  
Ion Ratio Lower Upper  
91 100  
92 53.6 27.2 81.6  
134 25.3 13.9 41.7

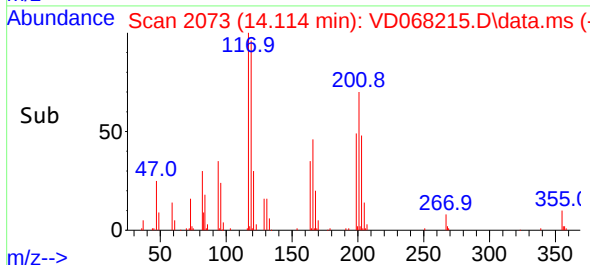
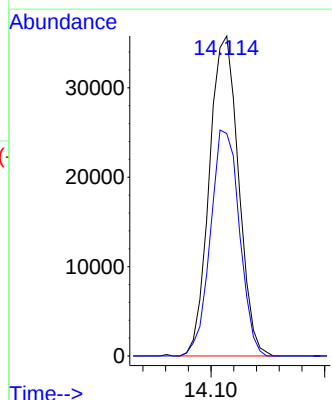
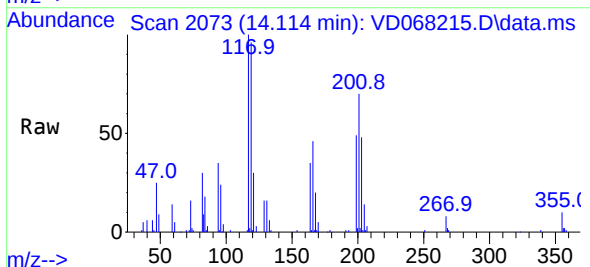
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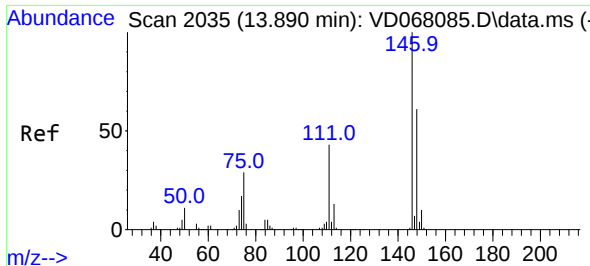
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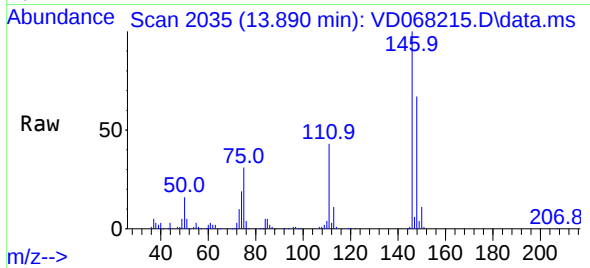
#90  
Hexachloroethane  
Concen: 19.80 ug/l  
RT: 14.114 min Scan# 2073  
Delta R.T. 0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion: 117 Resp: 63906  
Ion Ratio Lower Upper  
117 100  
201 70.0 39.5 118.5

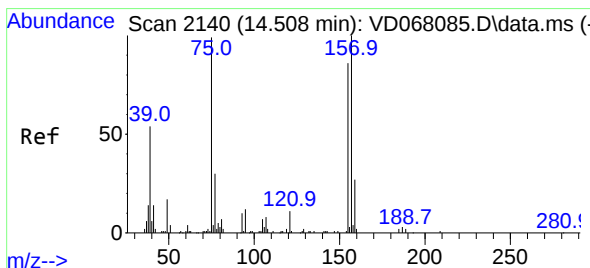
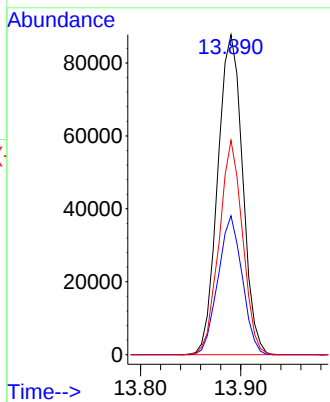
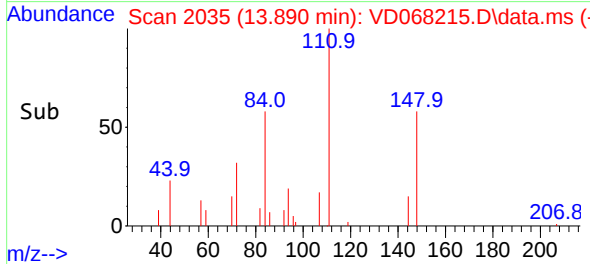




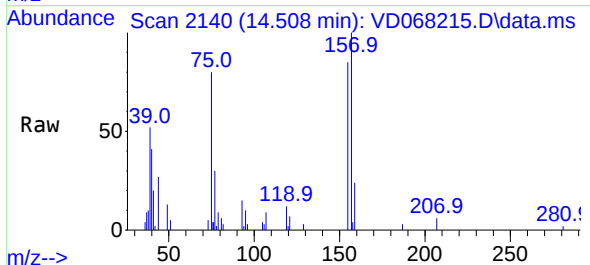
#91  
1,2-Dichlorobenzene  
Concen: 21.46 ug/l  
RT: 13.890 min Scan# 2035  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



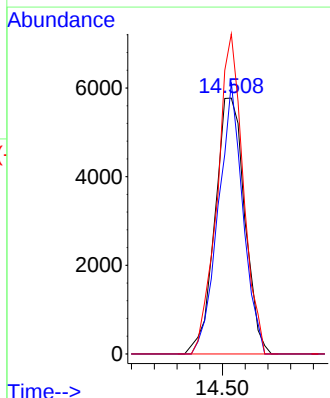
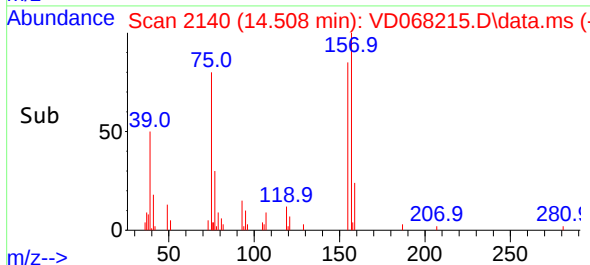
Tgt Ion:146 Resp: 150823  
Ion Ratio Lower Upper  
146 100  
111 42.2 20.3 60.9  
148 63.3 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.19 ug/l  
RT: 14.508 min Scan# 2140  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



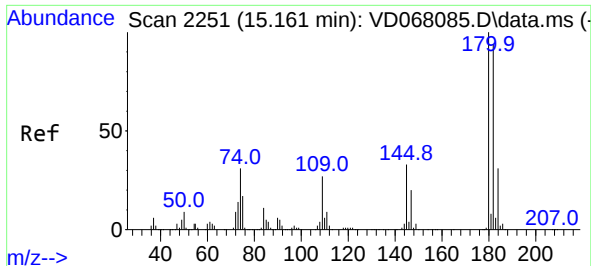
Tgt Ion: 75 Resp: 10462  
Ion Ratio Lower Upper  
75 100  
155 87.9 48.0 144.2  
157 109.1 65.0 194.8



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

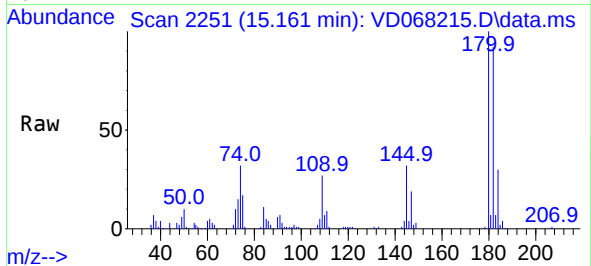
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#93  
1,2,4-Trichlorobenzene  
Concen: 20.20 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

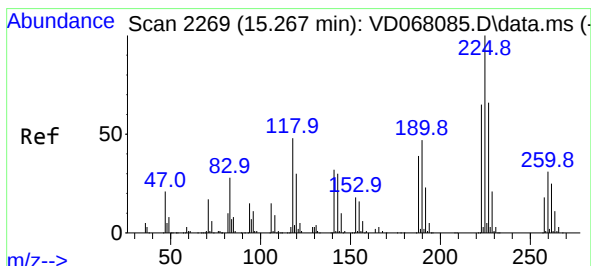
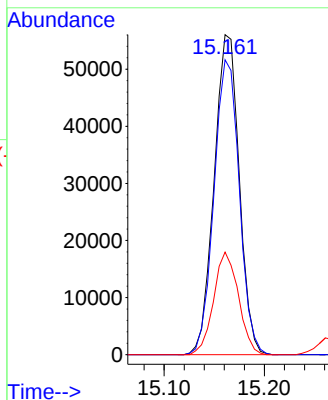
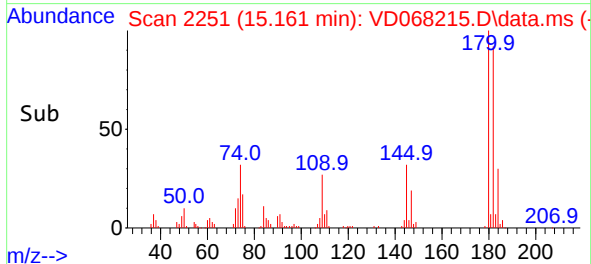
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01



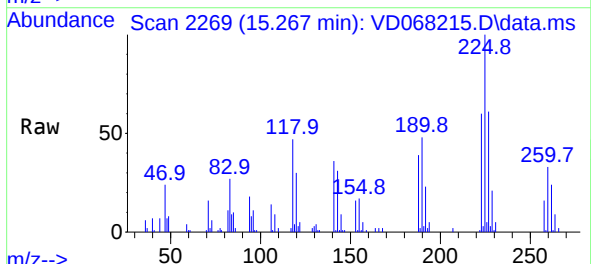
Tgt Ion:180 Resp: 97314  
Ion Ratio Lower Upper  
180 100  
182 92.9 46.8 140.4  
145 31.7 15.2 45.5

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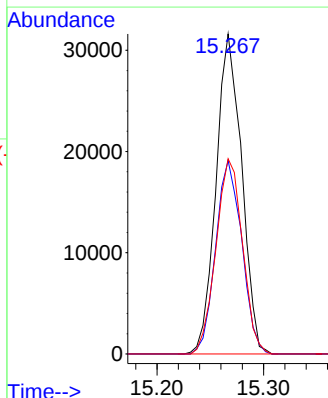
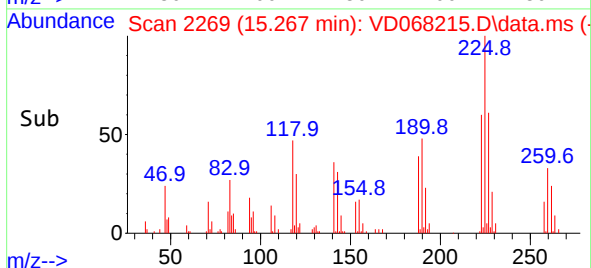
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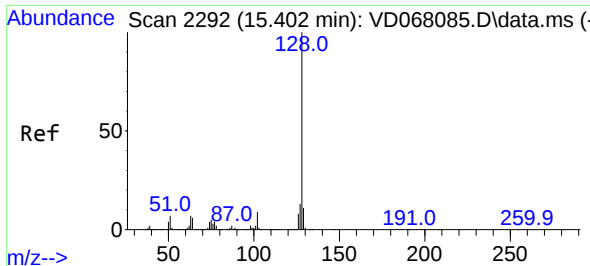


#94  
Hexachlorobutadiene  
Concen: 19.76 ug/l  
RT: 15.267 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34



Tgt Ion:225 Resp: 52781  
Ion Ratio Lower Upper  
225 100  
223 61.5 31.9 95.5  
227 63.1 32.1 96.5





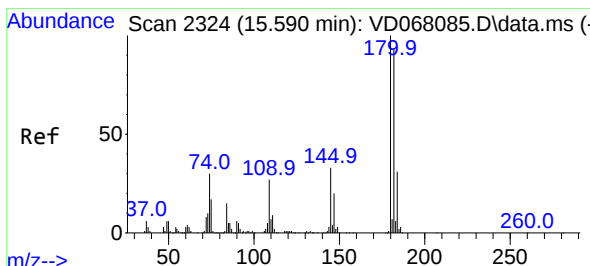
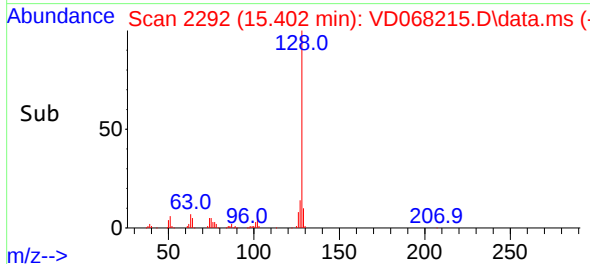
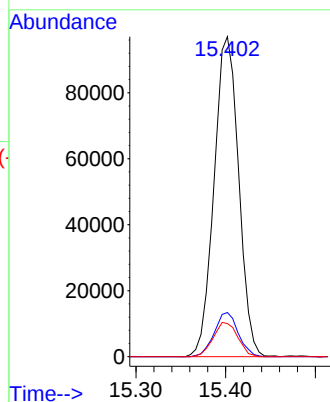
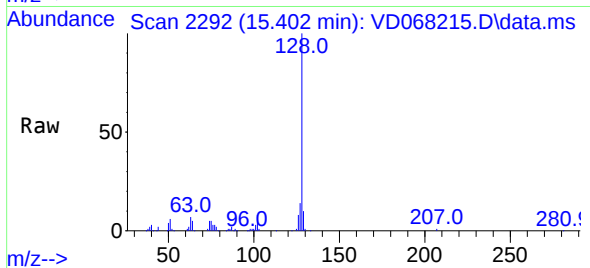
#95  
Naphthalene  
Concen: 20.43 ug/l  
RT: 15.402 min Scan# 2292  
Delta R.T. 0.000 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion:128 Resp: 184549  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.2 15.2  
129 10.7 8.8 13.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0128SBSD01

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.27 ug/l  
RT: 15.596 min Scan# 2325  
Delta R.T. 0.006 min  
Lab File: VD068215.D  
Acq: 28 Jan 2021 11:34

Tgt Ion:180 Resp: 82372  
Ion Ratio Lower Upper  
180 100  
182 98.0 48.3 144.8  
145 33.3 16.7 50.1

