

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD040721\  
 Data File : VD068776.D  
 Acq On : 07 Apr 2021 11:38  
 Operator : VA/SY  
 Sample : VSTDICCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/8/2021 3:08:15 PM

Quant Time: Apr 07 12:08:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 07 12:04:11 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|-------|----------|
| -----                        |                |      |                    |        |       |          |
| Internal Standards           |                |      |                    |        |       |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 269450             | 50.00  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.867          | 114  | 461074             | 50.00  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.643         | 117  | 433567             | 50.00  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.573         | 152  | 212645             | 50.00  | ug/l  | 0.00     |
|                              |                |      |                    |        |       |          |
| System Monitoring Compounds  |                |      |                    |        |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 139151             | 51.39  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 102.78% |        |       |          |
| 35) Dibromofluoromethane     | 7.920          | 113  | 147702             | 51.61  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 103.22% |        |       |          |
| 50) Toluene-d8               | 10.338         | 98   | 564144             | 51.42  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 102.84% |        |       |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 186845             | 52.15  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 104.30% |        |       |          |
|                              |                |      |                    |        |       |          |
| Target Compounds             |                |      |                    |        |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 130076             | 59.10  | ug/l  | 97       |
| 3) Chloromethane             | 2.209          | 50   | 151387             | 56.41  | ug/l  | 98       |
| 4) Vinyl Chloride            | 2.350          | 62   | 191266             | 59.63  | ug/l  | 97       |
| 5) Bromomethane              | 2.767          | 94   | 134733             | 56.76  | ug/l  | 100      |
| 6) Chloroethane              | 2.920          | 64   | 125643             | 59.73  | ug/l  | 99       |
| 7) Trichlorofluoromethane    | 3.273          | 101  | 220263             | 58.01  | ug/l  | 93       |
| 8) Diethyl Ether             | 3.709          | 74   | 67128              | 63.13  | ug/l  | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 145235             | 62.78  | ug/l  | 97       |
| 10) Methyl Iodide            | 4.303          | 142  | 169685             | 70.54  | ug/l  | 98       |
| 11) Tert butyl alcohol       | 5.220          | 59   | 39793              | 303.47 | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 4.073          | 96   | 138032             | 61.87  | ug/l  | 98       |
| 13) Acrolein                 | 3.926          | 56   | 28233              | 241.05 | ug/l  | 96       |
| 14) Allyl chloride           | 4.720          | 41   | 156303             | 58.33  | ug/l  | 96       |
| 15) Acrylonitrile            | 5.426          | 53   | 142936             | 283.63 | ug/l  | 96       |
| 16) Acetone                  | 4.161          | 43   | 98361              | 287.22 | ug/l  | 100      |
| 17) Carbon Disulfide         | 4.414          | 76   | 458277             | 63.51  | ug/l  | 100      |
| 18) Methyl Acetate           | 4.720          | 43   | 54160              | 58.14  | ug/l  | 100      |
| 19) Methyl tert-butyl Ether  | 5.485          | 73   | 309121             | 56.27  | ug/l  | 99       |
| 20) Methylene Chloride       | 4.973          | 84   | 171889             | 46.45  | ug/l  | 94       |
| 21) trans-1,2-Dichloroethene | 5.473          | 96   | 171991             | 56.55  | ug/l  | 94       |
| 22) Diisopropyl ether        | 6.367          | 45   | 380748             | 56.53  | ug/l  | 97       |
| 23) Vinyl Acetate            | 6.308          | 43   | 1051904            | 292.67 | ug/l  | 99       |
| 24) 1,1-Dichloroethane       | 6.267          | 63   | 274449             | 55.47  | ug/l  | 99       |
| 25) 2-Butanone               | 7.214          | 43   | 146720             | 266.02 | ug/l  | 94       |
| 26) 2,2-Dichloropropane      | 7.214          | 77   | 217690             | 50.57  | ug/l  | 99       |
| 27) cis-1,2-Dichloroethene   | 7.214          | 96   | 173096             | 52.10  | ug/l  | 99       |
| 28) Bromochloromethane       | 7.544          | 49   | 100962             | 52.69  | ug/l  | 99       |
| 29) Tetrahydrofuran          | 7.561          | 42   | 100535             | 284.96 | ug/l  | 98       |
| 30) Chloroform               | 7.708          | 83   | 300295             | 55.77  | ug/l  | 97       |
| 31) Cyclohexane              | 7.985          | 56   | 229625             | 51.59  | ug/l  | 98       |
| 32) 1,1,1-Trichloroethane    | 7.902          | 97   | 264406             | 55.25  | ug/l  | 100      |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 231988             | 55.28  | ug/l  | 98       |
| 37) Ethyl Acetate            | 7.297          | 43   | 65669              | 50.43  | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 232111             | 55.21  | ug/l  | 98       |
| 39) Methylcyclohexane        | 9.355          | 83   | 285729             | 55.47  | ug/l  | 98       |
| 40) Benzene                  | 8.350          | 78   | 680087             | 55.44  | ug/l  | 98       |

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 Sample : VSTDICCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/8/2021 3:08:15 PM

Quant Time: Apr 07 12:08:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 07 12:04:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 33482    | 45.59   | ug/l # | 67       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 179662   | 55.75   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.455  | 43   | 141398   | 55.65   | ug/l   | 100      |
| 44) Trichloroethene           | 9.114  | 130  | 187010   | 54.90   | ug/l   | 88       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 161192   | 54.91   | ug/l   | 96       |
| 46) Dibromomethane            | 9.473  | 93   | 91940    | 55.15   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.667  | 83   | 233737   | 54.61   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.455  | 41   | 74006    | 57.33   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.467  | 88   | 20144    | 1087.29 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 374339   | 281.69  | ug/l   | 98       |
| 52) Toluene                   | 10.402 | 92   | 445406   | 57.19   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 214926   | 54.68   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 256300   | 54.87   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 128846   | 54.65   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 143061   | 56.64   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.943 | 76   | 212697   | 55.61   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 357702   | 279.41  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.985 | 43   | 254488   | 285.69  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.138 | 129  | 160606   | 55.07   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 124493   | 54.90   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.879 | 164  | 150121   | 52.97   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.667 | 112  | 475287   | 54.86   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 170463   | 54.62   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.743 | 91   | 848700   | 56.06   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.849 | 106  | 651452   | 110.60  | ug/l   | 99       |
| 69) o-Xylene                  | 12.179 | 106  | 300579   | 55.16   | ug/l   | 99       |
| 70) Styrene                   | 12.190 | 104  | 527673   | 56.29   | ug/l   | 100      |
| 71) Bromoform                 | 12.355 | 173  | 91479    | 55.62   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.479 | 105  | 803466   | 54.22   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.285 | 43   | 137750   | 55.74   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 144336   | 54.73   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 95524m   | 52.81   | ug/l   |          |
| 77) Bromobenzene              | 12.761 | 156  | 183512   | 53.00   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.814 | 91   | 976652   | 55.26   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 534842   | 55.23   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 683548   | 56.59   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 44685    | 56.43   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 562772   | 54.65   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 572733   | 55.93   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 690544   | 55.77   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.396 | 105  | 815770   | 55.00   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 746655   | 55.31   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 373999   | 53.87   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.590 | 146  | 364679   | 53.51   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.837 | 91   | 705733   | 55.16   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.108 | 117  | 141760   | 56.26   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.884 | 146  | 323070   | 54.60   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 21598    | 57.13   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 200141   | 52.51   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 118686   | 54.38   | ug/l   | 98       |
| 95) Naphthalene               | 15.396 | 128  | 371677   | 55.59   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.590 | 180  | 179062   | 55.03   | ug/l   | 98       |

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Data File : VD068776.D  
Acq On : 07 Apr 2021 11:38  
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Sample : VSTDICCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

MMDadoda  
4/8/2021 3:08:15 PM

Quant Time: Apr 07 12:08:31 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 07 12:04:11 2021  
Response via : Initial Calibration

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

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

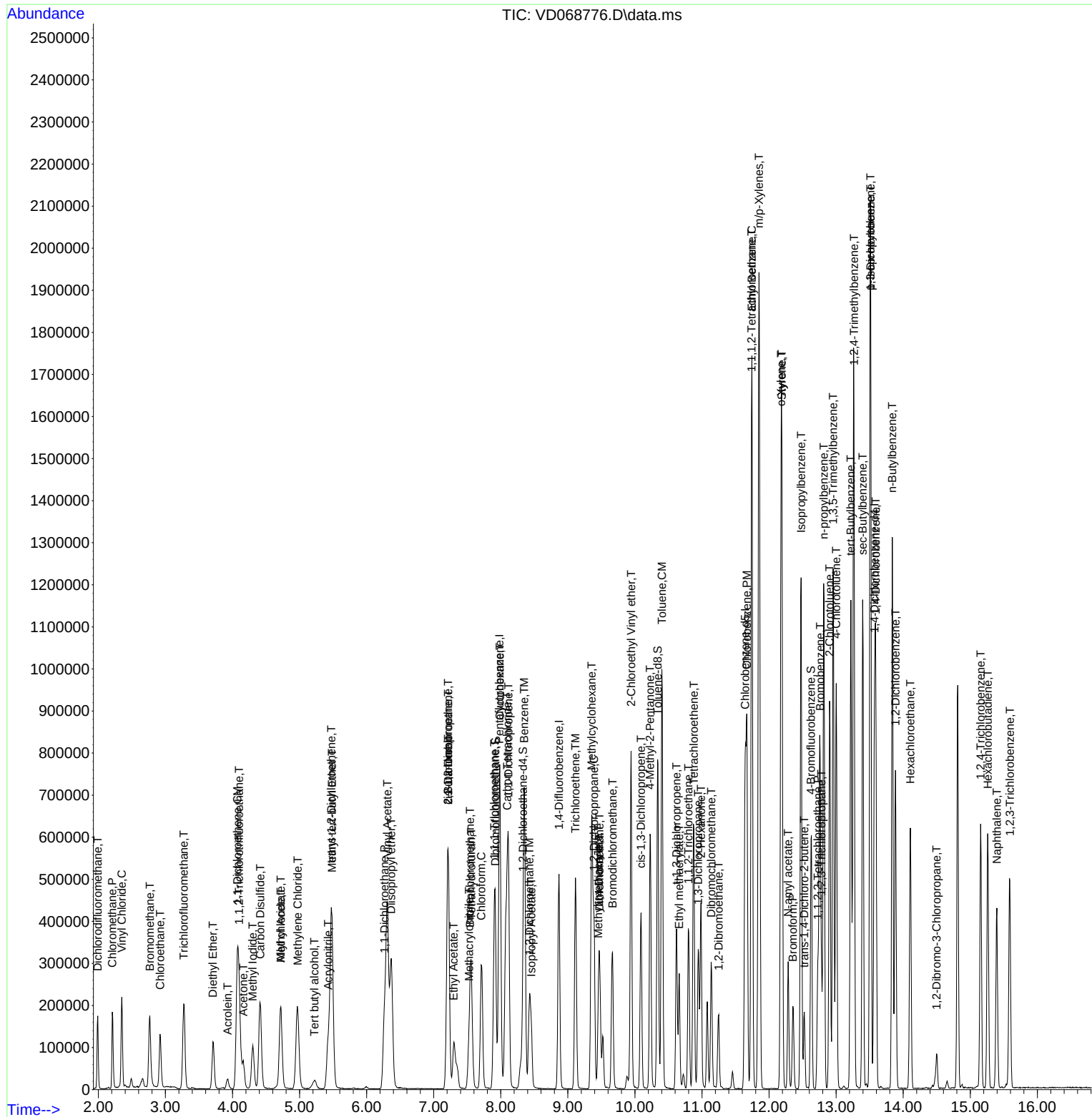
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Data File : VD068776.D  
Acq On : 07 Apr 2021 11:38  
Operator : VA/SY  
Sample : VSTDICCC050  
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ALS Vial : 6 Sample Multiplier: 1

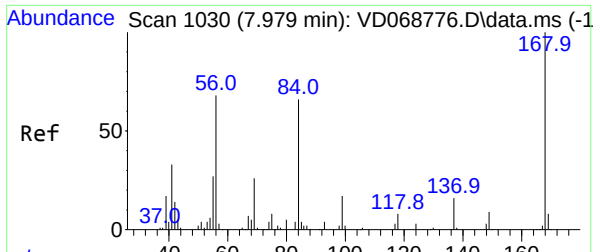
Instrument :  
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ClientSampleId :  
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Manual Integrations  
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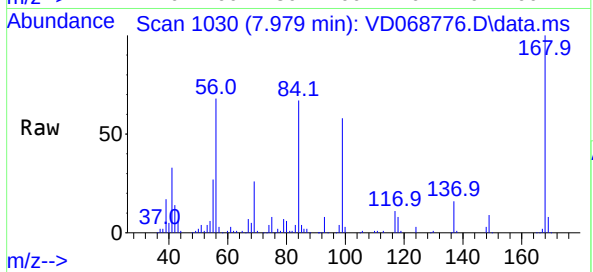
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Quant Title : SW846 8260  
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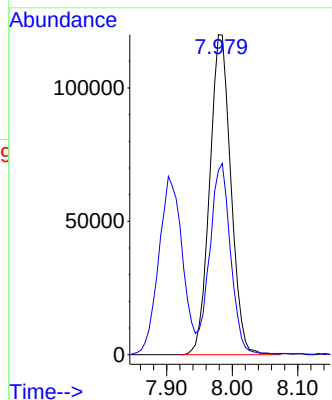
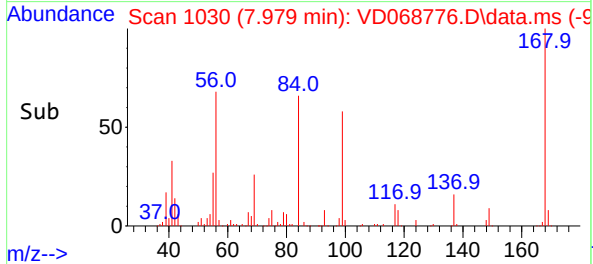




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



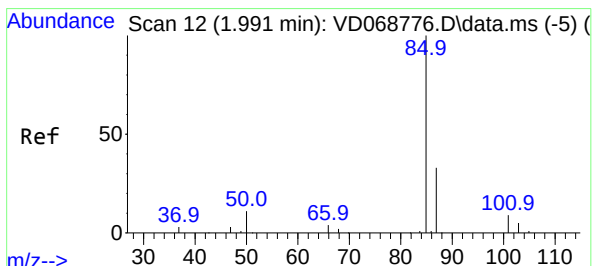
Tgt Ion: 168 Resp: 269450  
Ion Ratio Lower Upper  
168 100  
99 57.4 46.2 69.2



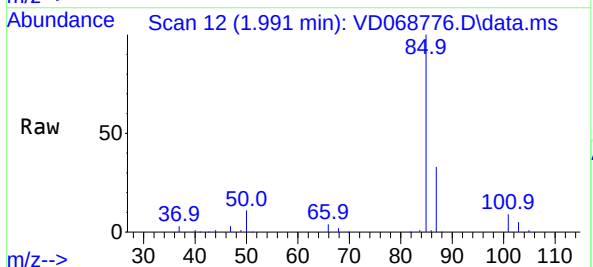
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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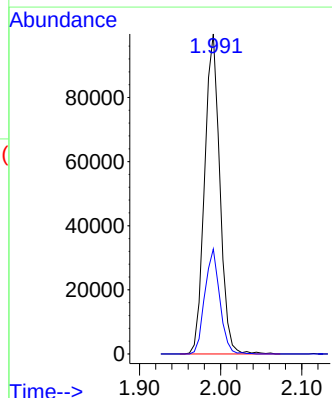
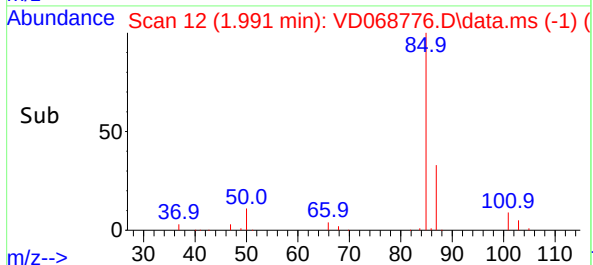
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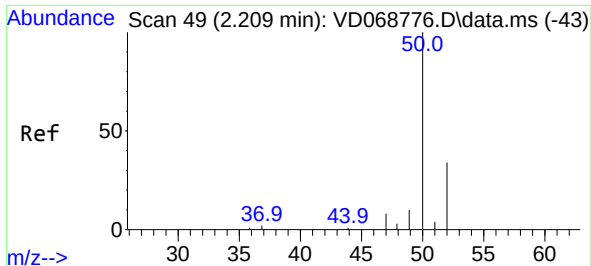


#2  
Dichlorodifluoromethane  
Concen: 59.10 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



Tgt Ion: 85 Resp: 130076  
Ion Ratio Lower Upper  
85 100  
87 32.8 15.7 47.0





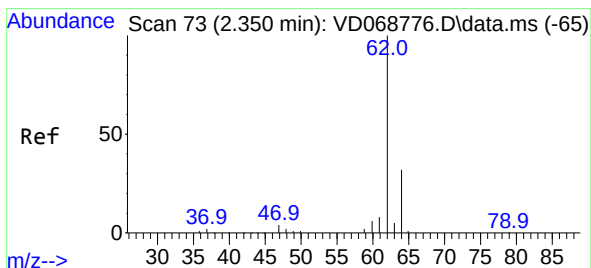
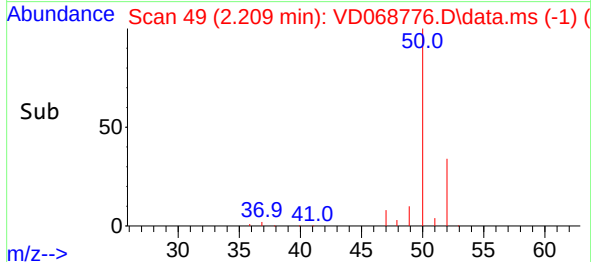
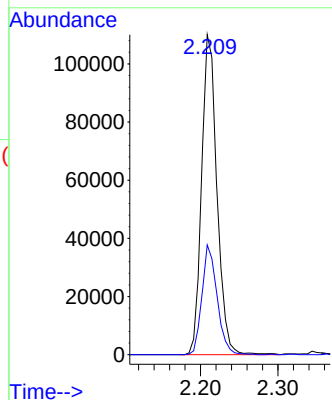
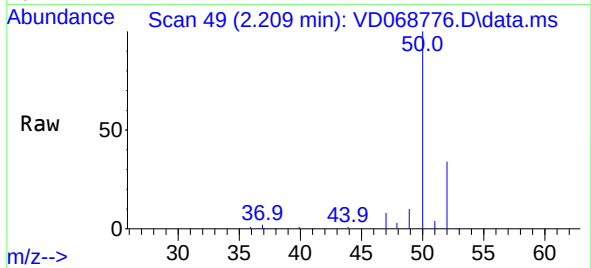
#3  
Chloromethane  
Concen: 56.41 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 50 Resp: 151387  
Ion Ratio Lower Upper  
50 100  
52 34.3 26.7 40.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

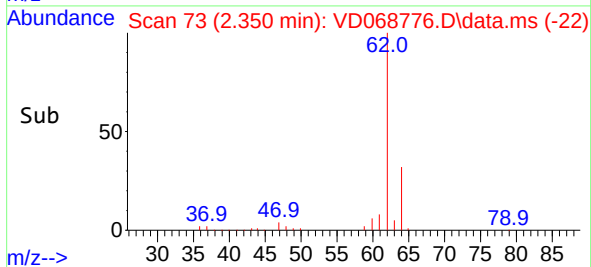
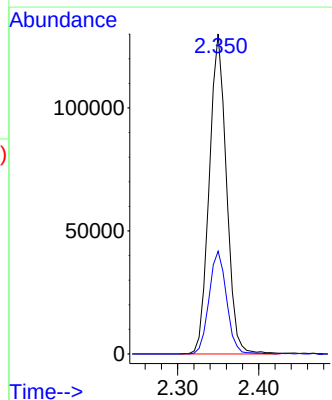
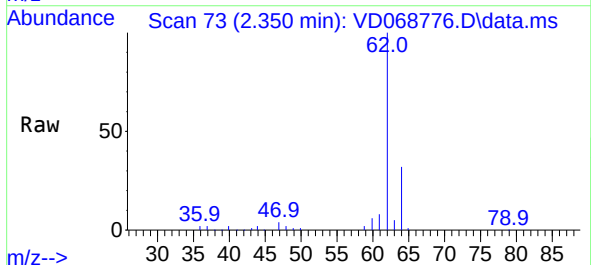
Manual Integrations  
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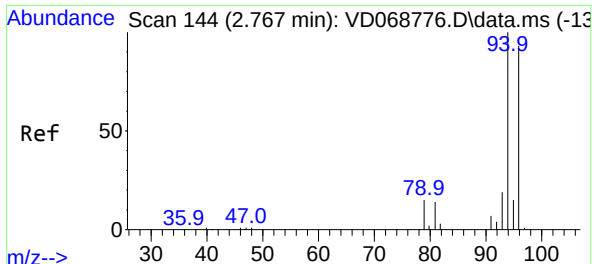
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4/8/2021 3:08:15 PM



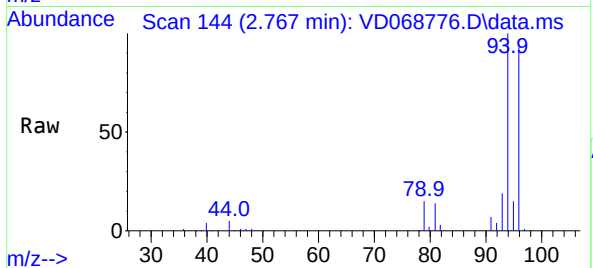
#4  
Vinyl Chloride  
Concen: 59.63 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 62 Resp: 191266  
Ion Ratio Lower Upper  
62 100  
64 32.1 27.1 40.7

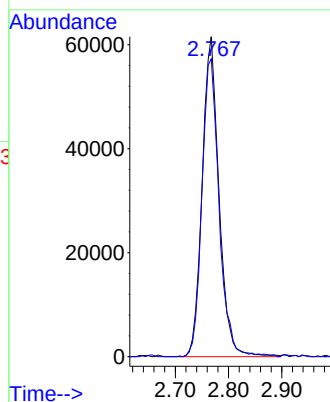
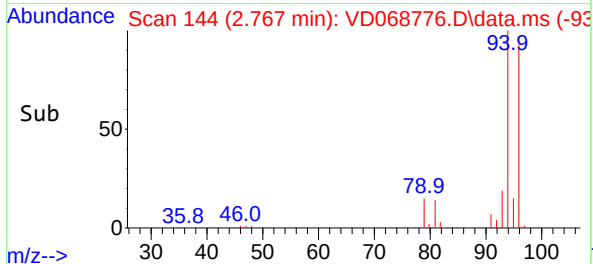




#5  
Bromomethane  
Concen: 56.76 ug/l  
RT: 2.767 min Scan# 144  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



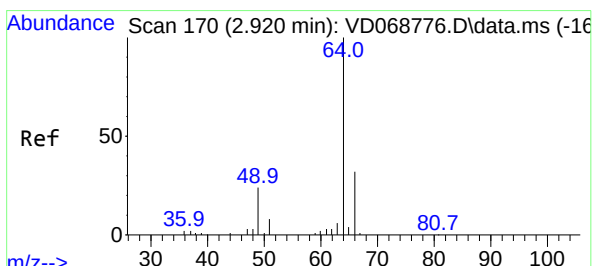
Tgt Ion: 94 Resp: 134733  
Ion Ratio Lower Upper  
94 100  
96 93.0 74.7 112.1



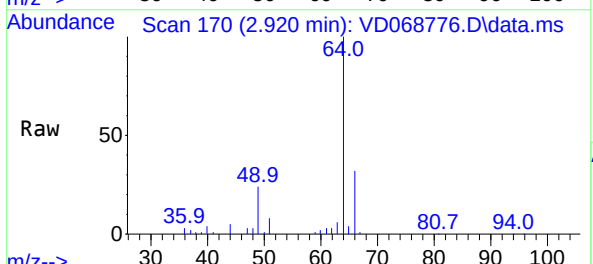
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

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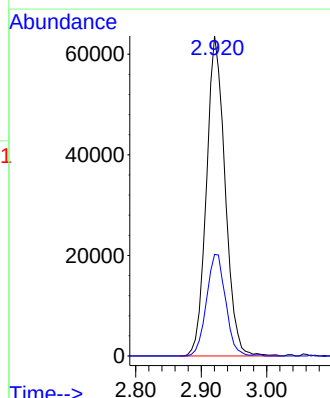
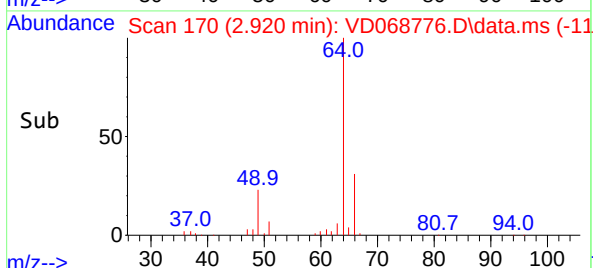
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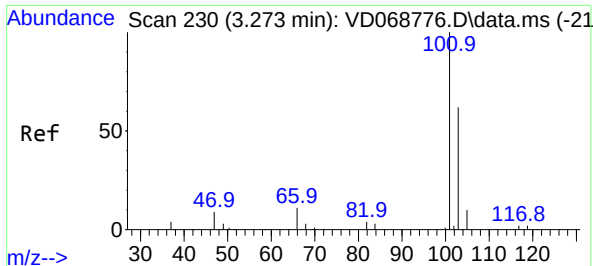


#6  
Chloroethane  
Concen: 59.73 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



Tgt Ion: 64 Resp: 125643  
Ion Ratio Lower Upper  
64 100  
66 31.8 26.0 39.0





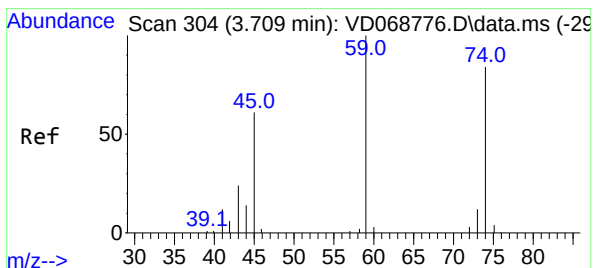
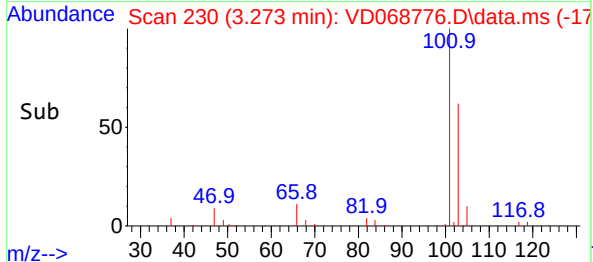
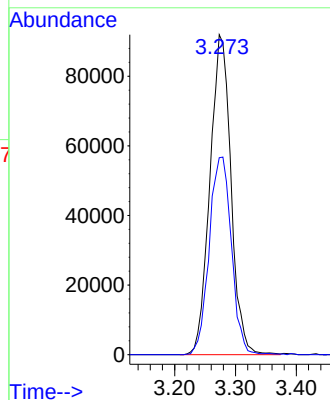
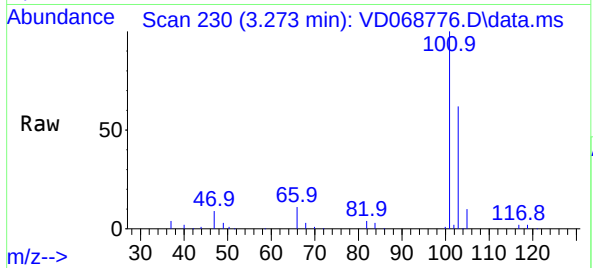
#7  
Trichlorofluoromethane  
Concen: 58.01 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion:101 Resp: 220263  
Ion Ratio Lower Upper  
101 100  
103 61.5 53.4 80.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

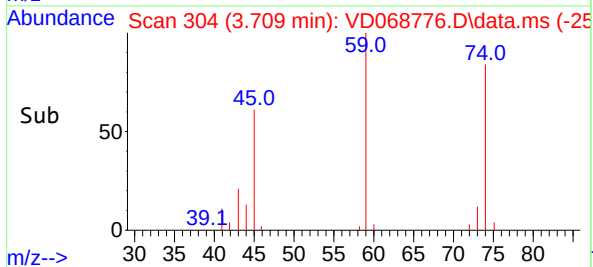
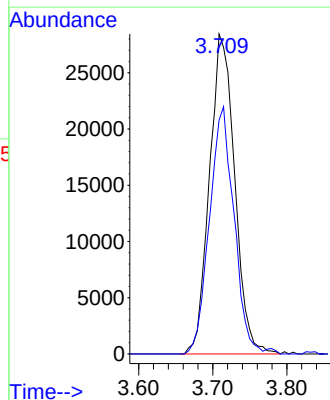
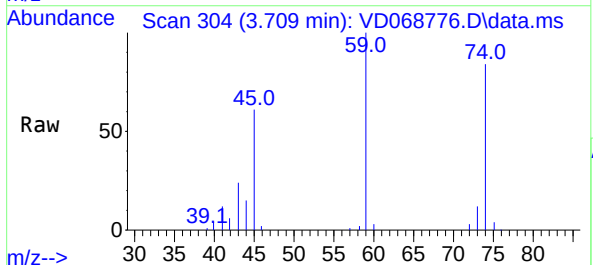
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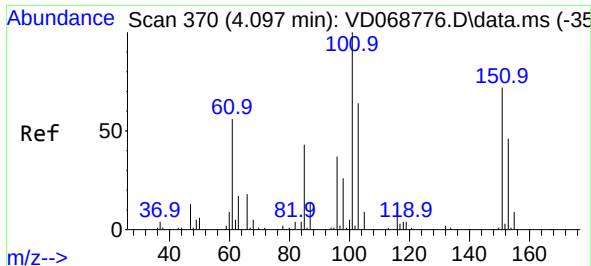


#8  
Diethyl Ether  
Concen: 63.13 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 74 Resp: 67128  
Ion Ratio Lower Upper  
74 100  
45 75.0 40.5 121.5







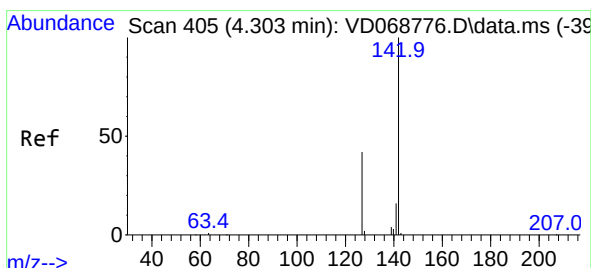
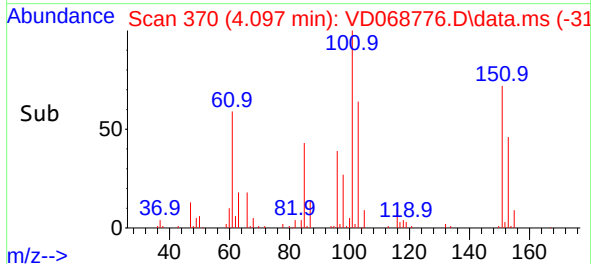
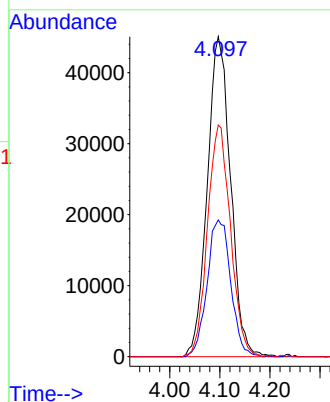
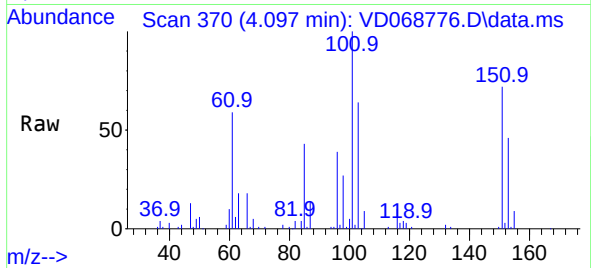
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 62.78 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion:101 Resp: 145235  
Ion Ratio Lower Upper  
101 100  
85 43.4 33.8 50.6  
151 71.6 59.4 89.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

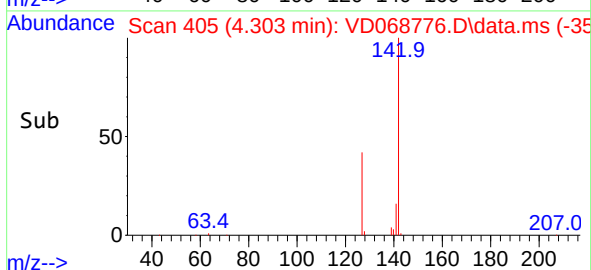
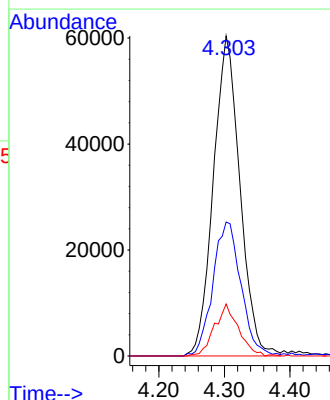
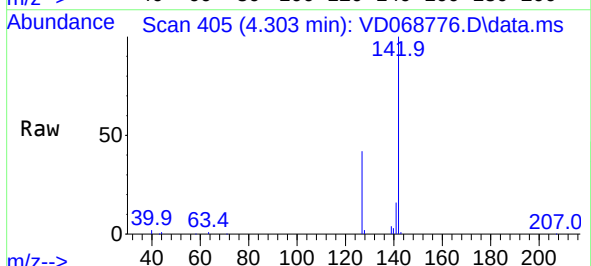
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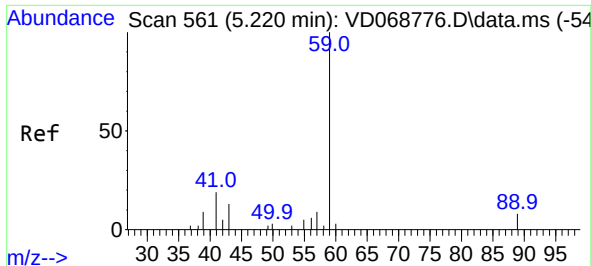
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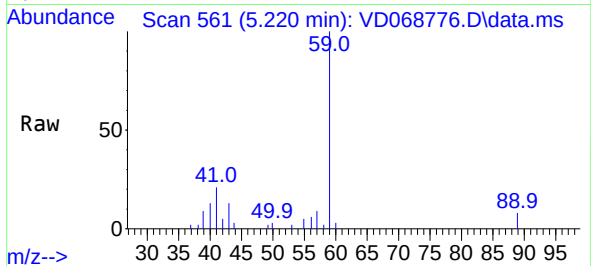
#10  
Methyl Iodide  
Concen: 70.54 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion:142 Resp: 169685  
Ion Ratio Lower Upper  
142 100  
127 44.3 34.7 52.1  
141 14.6 11.0 16.4

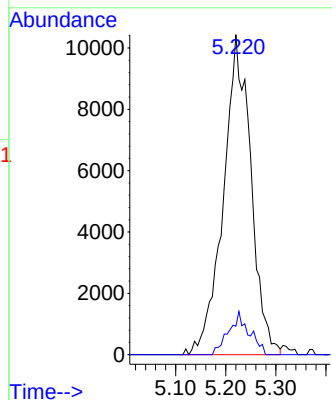
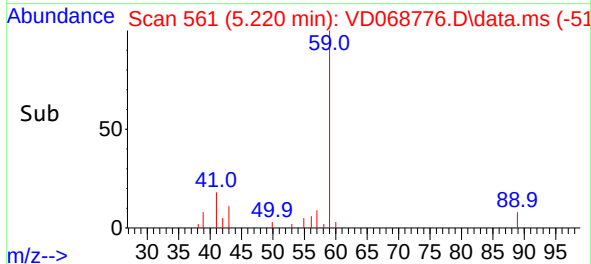




#11  
Tert butyl alcohol  
Concen: 303.47 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



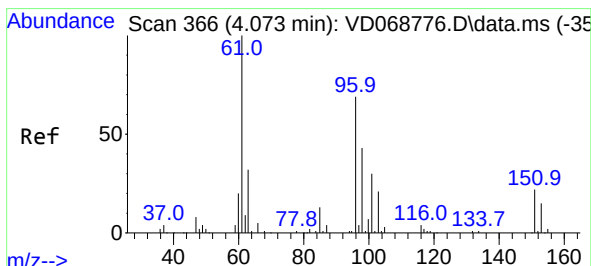
Tgt Ion: 59 Resp: 39793  
Ion Ratio Lower Upper  
59 100  
57 10.0 7.8 11.8



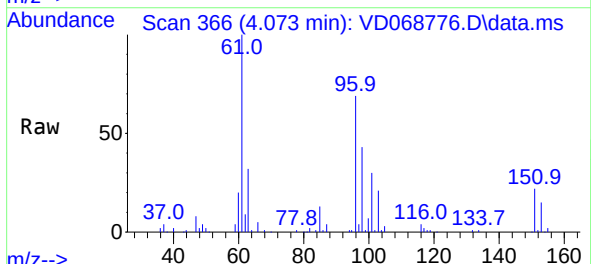
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

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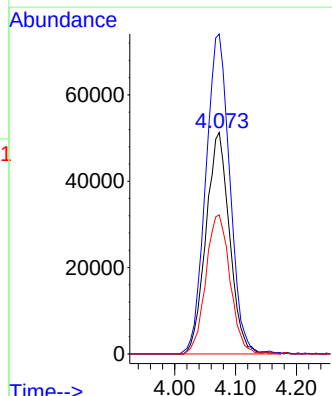
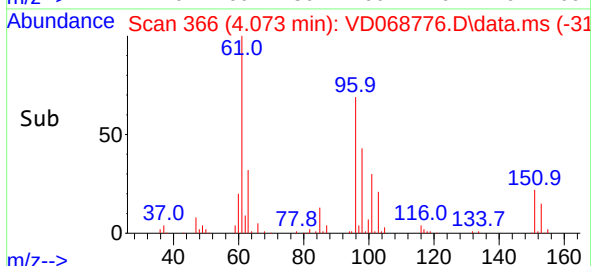
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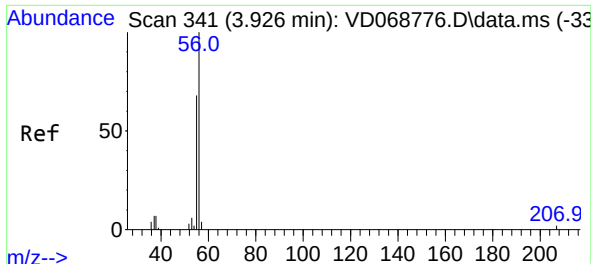


#12  
1,1-Dichloroethene  
Concen: 61.87 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



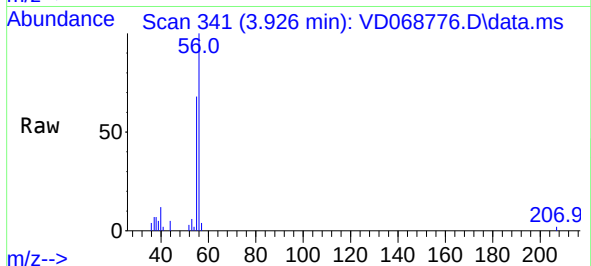
Tgt Ion: 96 Resp: 138032  
Ion Ratio Lower Upper  
96 100  
61 144.5 112.2 168.2  
98 62.8 50.2 75.2





#13  
Acrolein  
Concen: 241.05 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

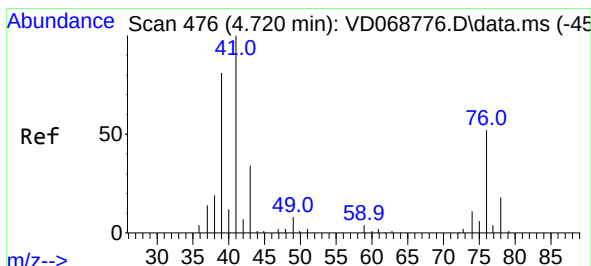
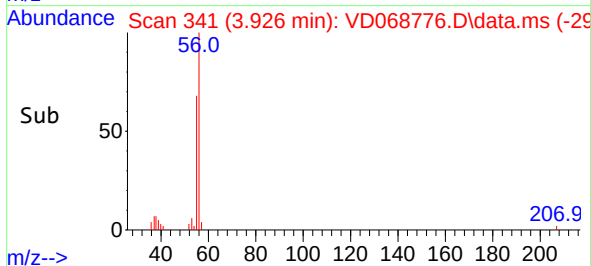
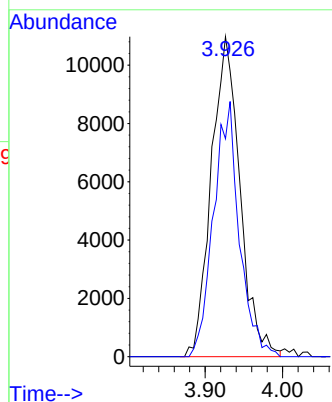
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050



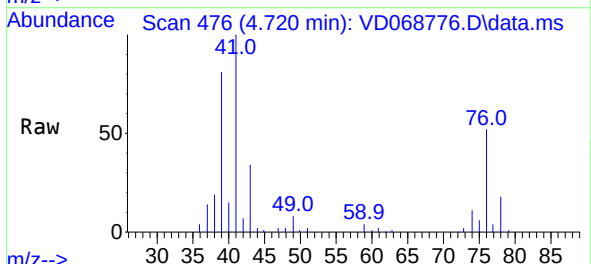
Tgt Ion: 56 Resp: 28233  
Ion Ratio Lower Upper  
56 100  
55 71.6 54.7 82.1

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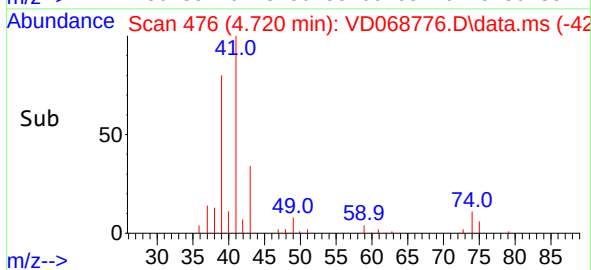
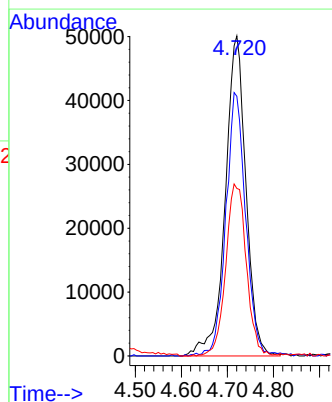
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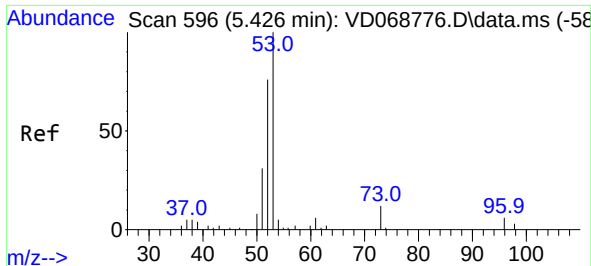


#14  
Allyl chloride  
Concen: 58.33 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

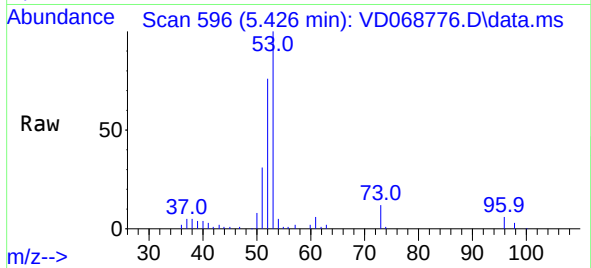


Tgt Ion: 41 Resp: 156303  
Ion Ratio Lower Upper  
41 100  
39 79.3 60.6 91.0  
76 53.4 40.4 60.6

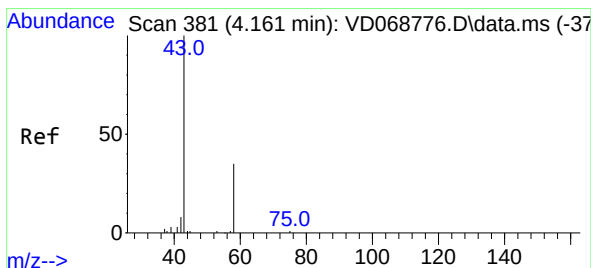
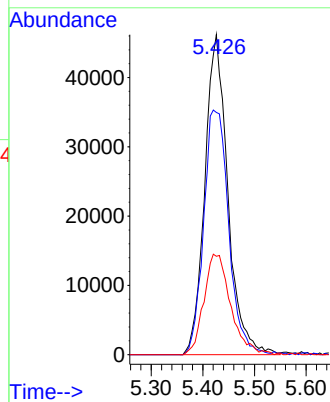
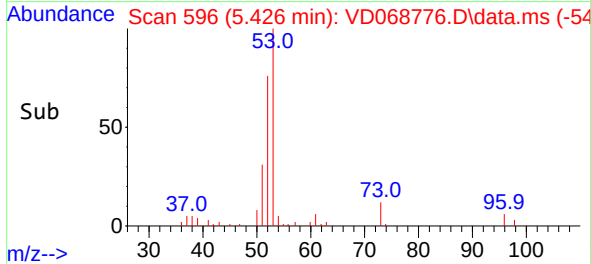




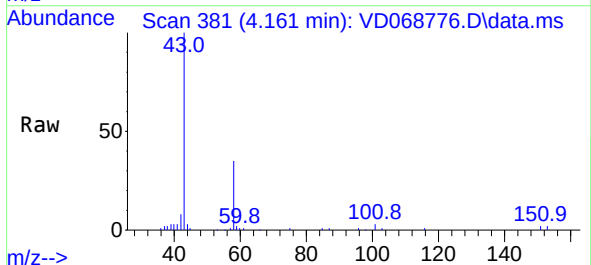
#15  
Acrylonitrile  
Concen: 283.63 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



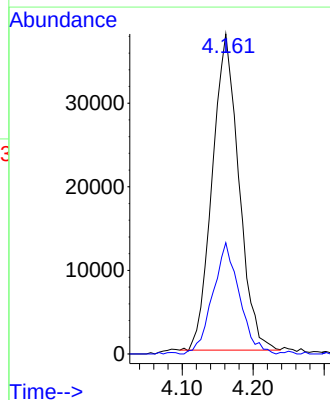
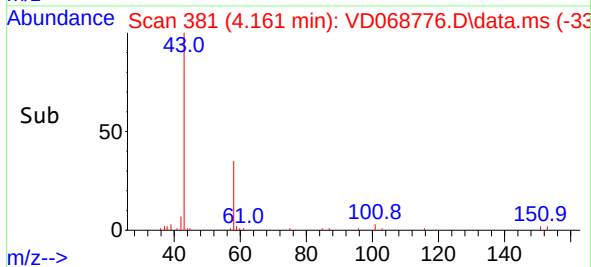
Tgt Ion: 53 Resp: 142936  
Ion Ratio Lower Upper  
53 100  
52 83.1 63.3 94.9  
51 36.5 28.3 42.5



#16  
Acetone  
Concen: 287.22 ug/l  
RT: 4.161 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



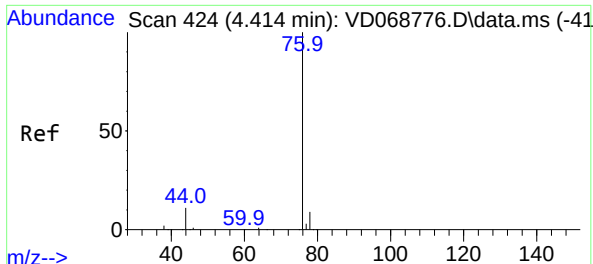
Tgt Ion: 43 Resp: 98361  
Ion Ratio Lower Upper  
43 100  
58 35.2 28.0 42.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

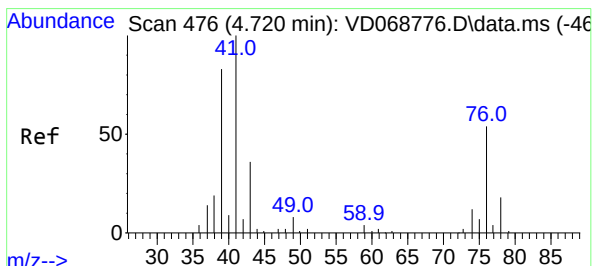
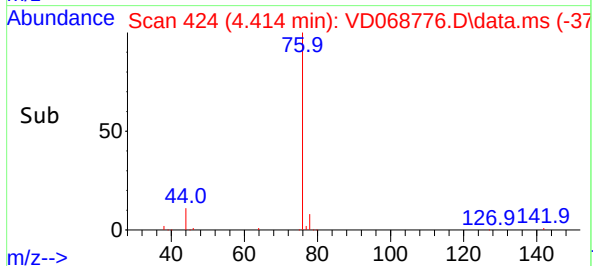
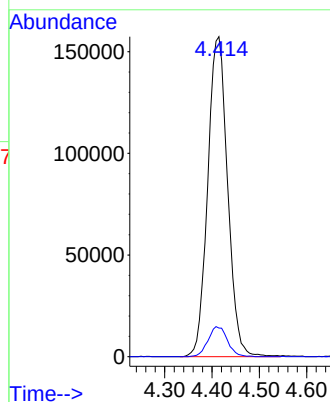
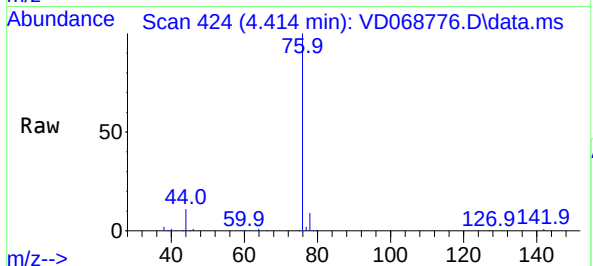
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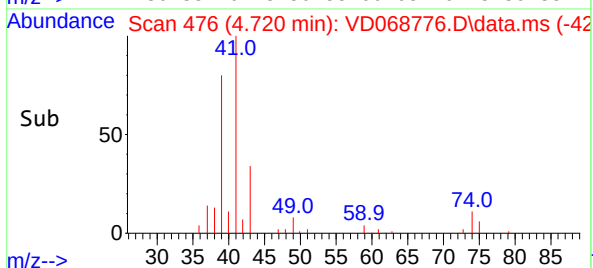
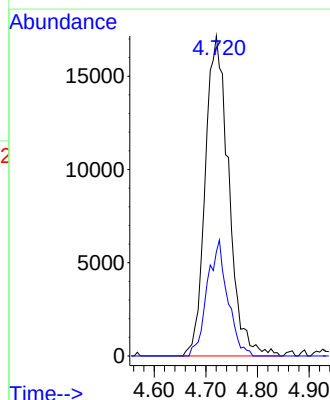
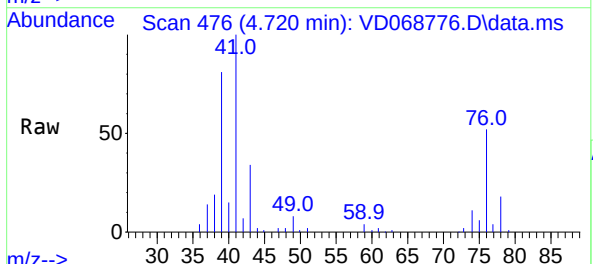
#17  
Carbon Disulfide  
Concen: 63.51 ug/l  
RT: 4.414 min Scan# 424  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 76 Resp: 458277  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9



#18  
Methyl Acetate  
Concen: 58.14 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

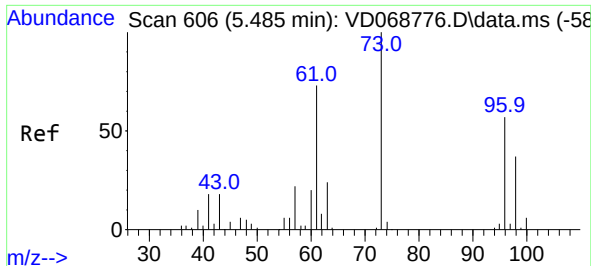
Tgt Ion: 43 Resp: 54160  
Ion Ratio Lower Upper  
43 100  
74 31.6 25.4 38.2



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

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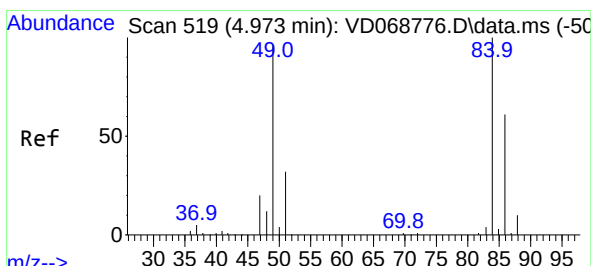
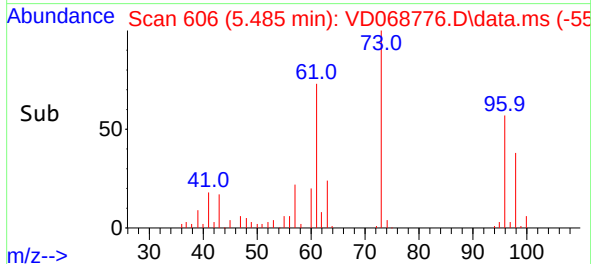
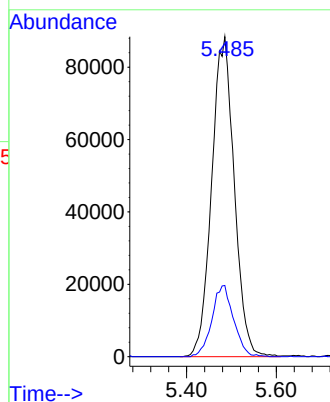
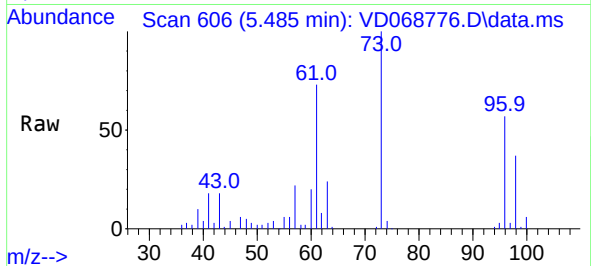
#19  
Methyl tert-butyl Ether  
Concen: 56.27 ug/l  
RT: 5.485 min Scan# 606  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 73 Resp: 309121  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.3 25.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

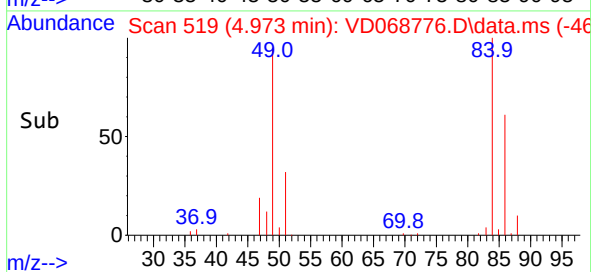
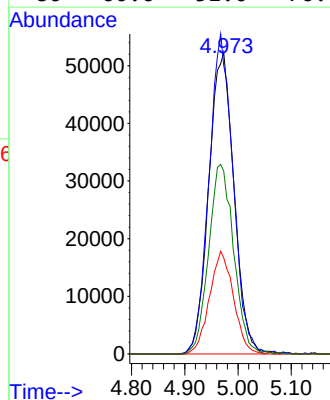
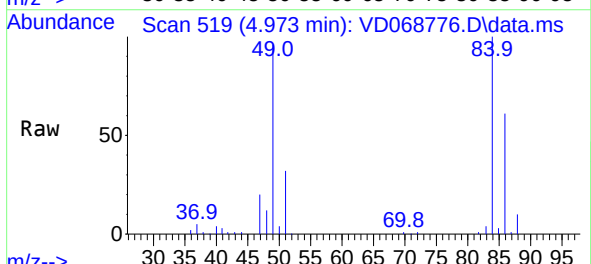
Manual Integrations  
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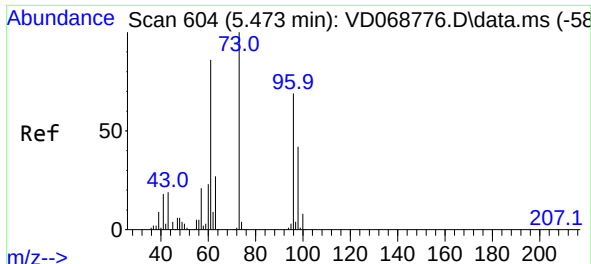
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#20  
Methylene Chloride  
Concen: 46.45 ug/l  
RT: 4.973 min Scan# 519  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

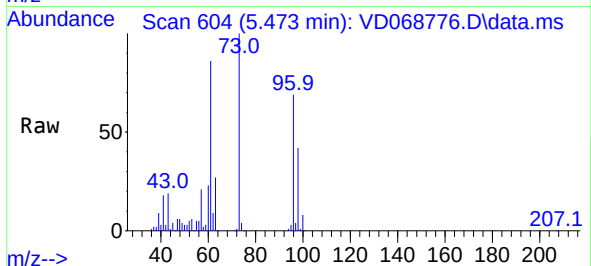
Tgt Ion: 84 Resp: 171889  
Ion Ratio Lower Upper  
84 100  
49 95.7 83.4 125.0  
51 31.9 23.4 35.2  
86 60.6 51.0 76.4





#21  
trans-1,2-Dichloroethene  
Concen: 56.55 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

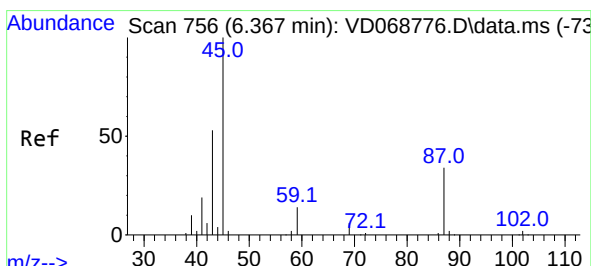
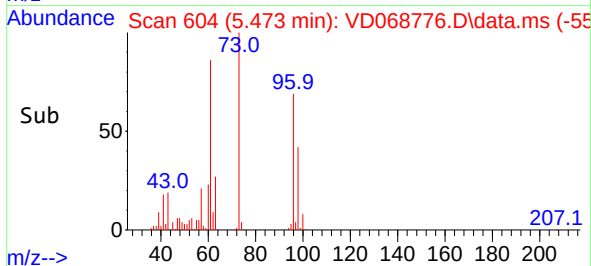
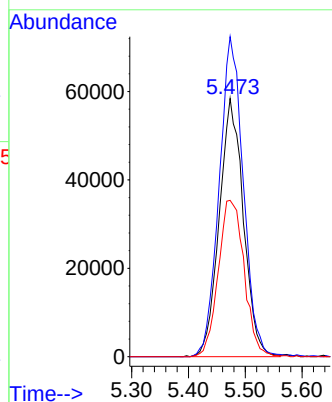
Instrument :  
MSVOA\_D  
ClientSampleID :  
VSTDICCC050



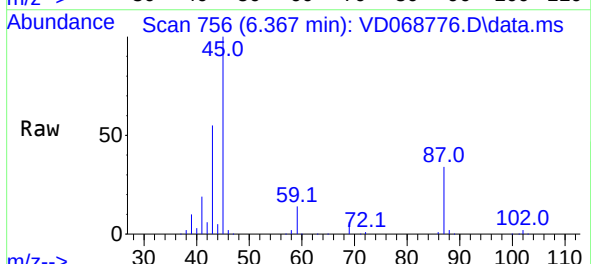
Tgt Ion: 96 Resp: 171991  
Ion Ratio Lower Upper  
96 100  
61 123.9 91.8 137.6  
98 60.6 49.3 73.9

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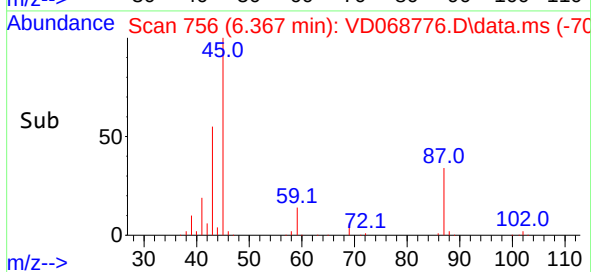
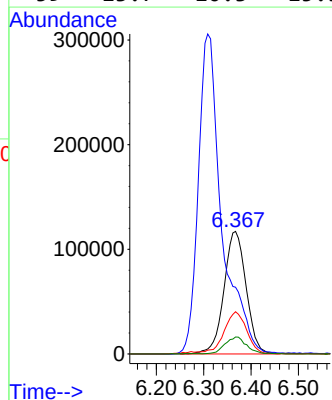
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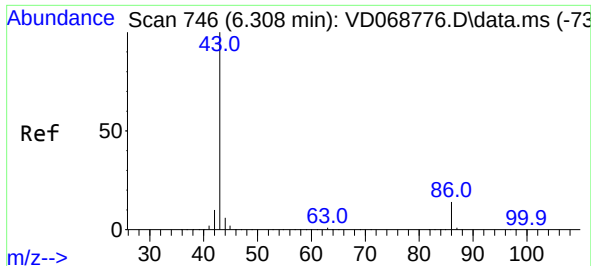


#22  
Diisopropyl ether  
Concen: 56.53 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

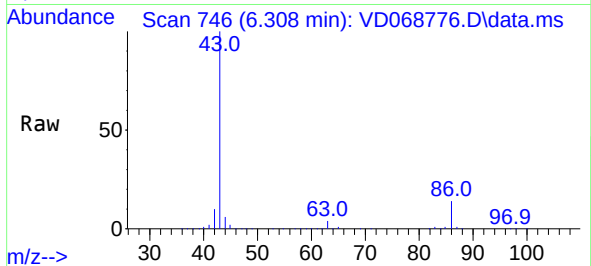


Tgt Ion: 45 Resp: 380748  
Ion Ratio Lower Upper  
45 100  
43 53.7 41.8 62.8  
87 34.2 29.2 43.8  
59 13.7 10.3 15.5

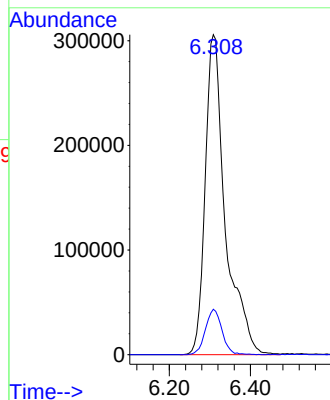
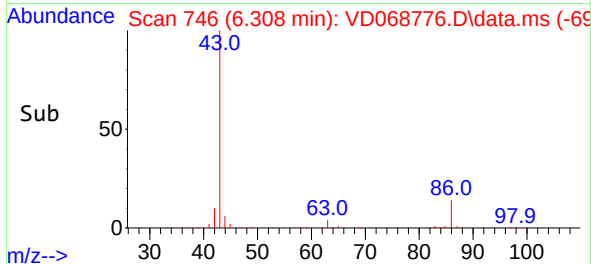




#23  
 Vinyl Acetate  
 Concen: 292.67 ug/l  
 RT: 6.308 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD068776.D  
 Acq: 07 Apr 2021 11:38



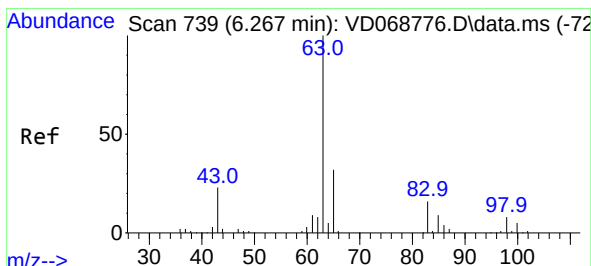
Tgt Ion: 43 Resp: 1051904  
 Ion Ratio Lower Upper  
 43 100  
 86 14.2 11.0 16.6



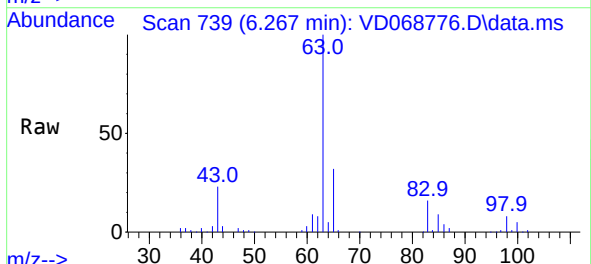
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICCC050

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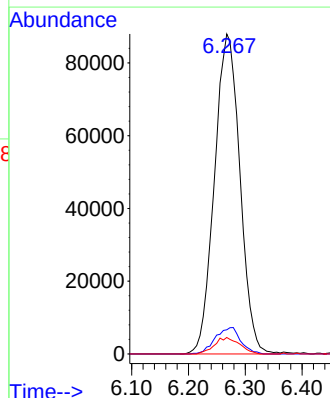
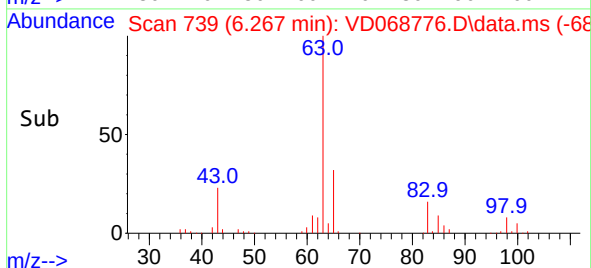
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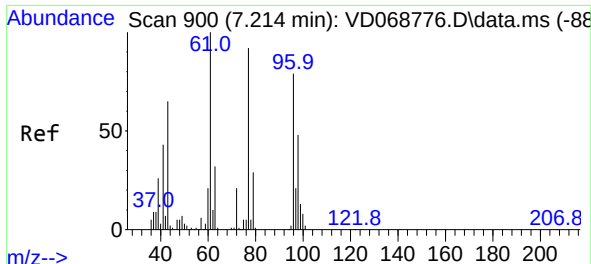
#24  
 1,1-Dichloroethane  
 Concen: 55.47 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.000 min  
 Lab File: VD068776.D  
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Tgt Ion: 63 Resp: 274449  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.8 11.2  
 100 5.2 2.3 6.9

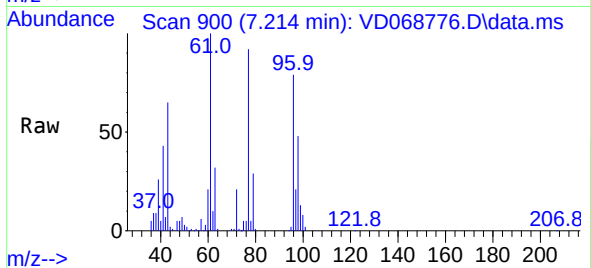






#25  
2-Butanone  
Concen: 266.02 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

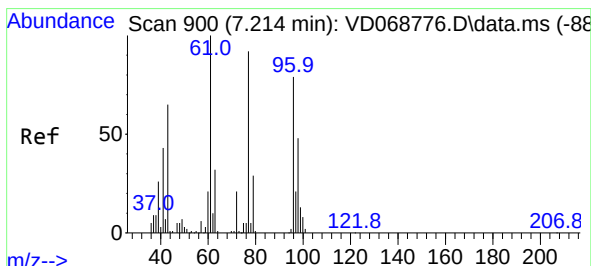
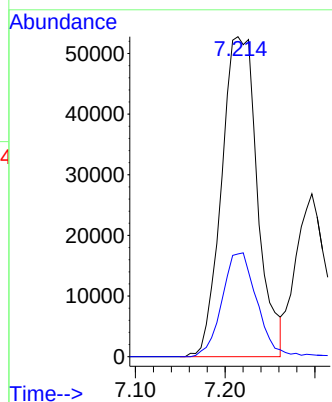
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050



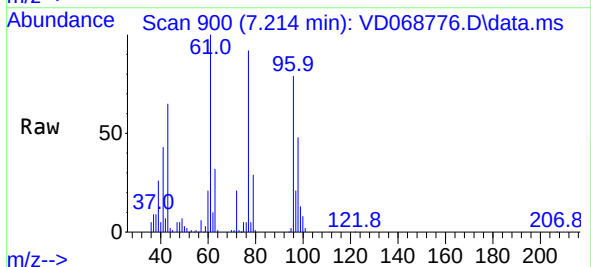
Tgt Ion: 43 Resp: 146720  
Ion Ratio Lower Upper  
43 100  
72 32.1 28.6 43.0

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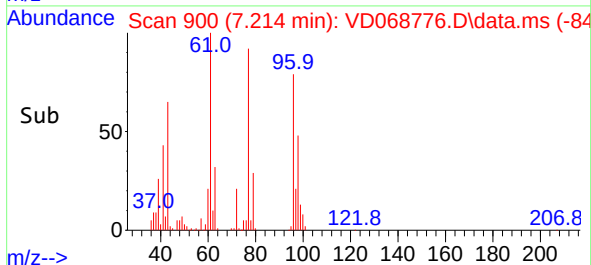
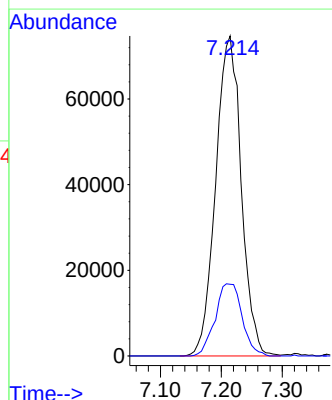
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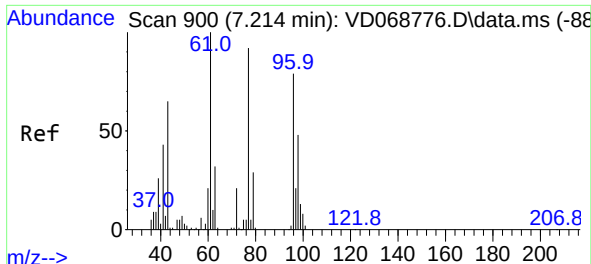


#26  
2,2-Dichloropropane  
Concen: 50.57 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



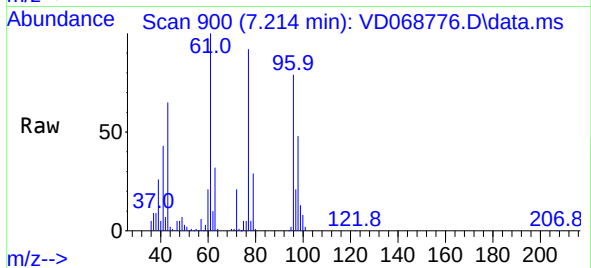
Tgt Ion: 77 Resp: 217690  
Ion Ratio Lower Upper  
77 100  
97 23.8 12.0 36.1





#27  
cis-1,2-Dichloroethene  
Concen: 52.10 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

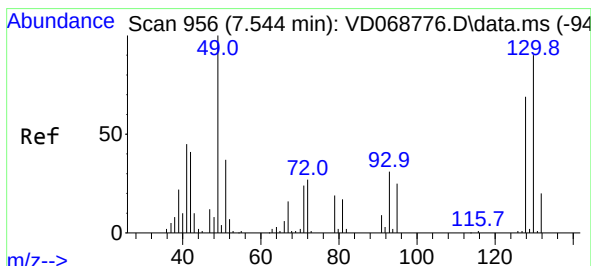
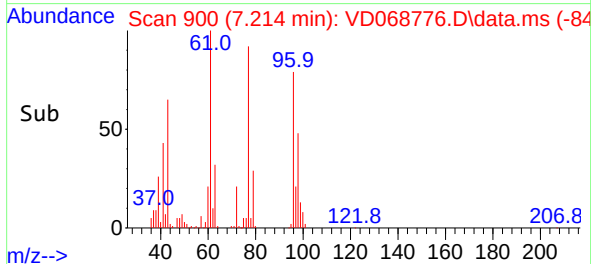
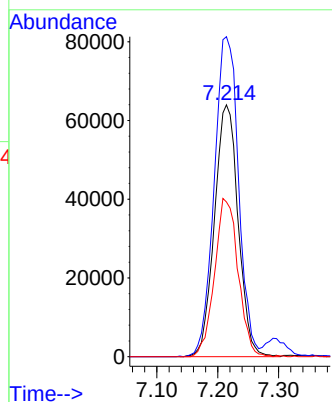
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 96 Resp: 173096  
Ion Ratio Lower Upper  
96 100  
61 130.4 0.0 258.8  
98 62.3 0.0 128.4

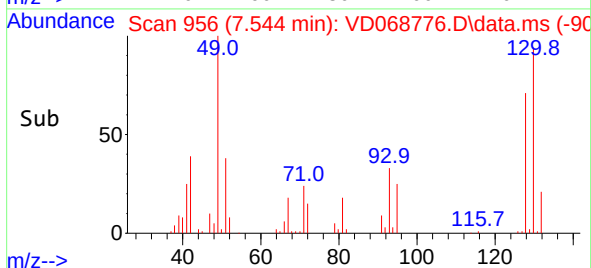
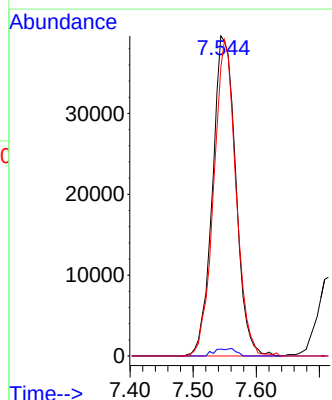
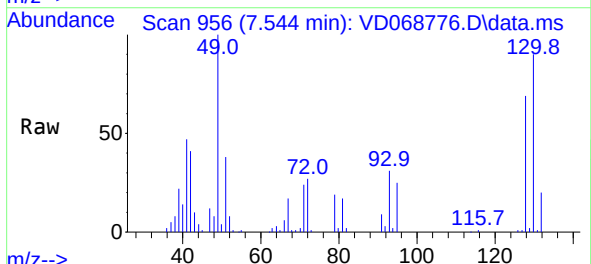
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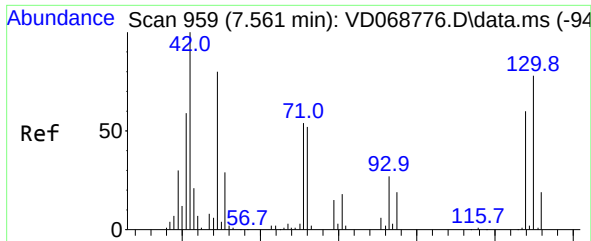
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#28  
Bromochloromethane  
Concen: 52.69 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 49 Resp: 100962  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 5.2  
130 94.7 74.6 112.0





#29  
Tetrahydrofuran  
Concen: 284.96 ug/l  
RT: 7.561 min Scan# 959  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

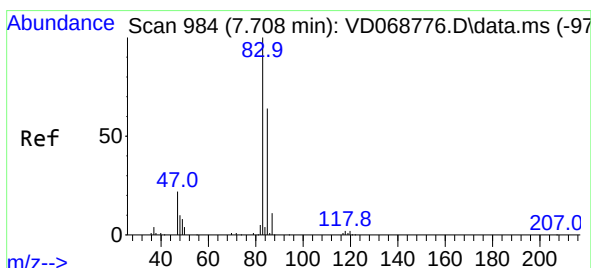
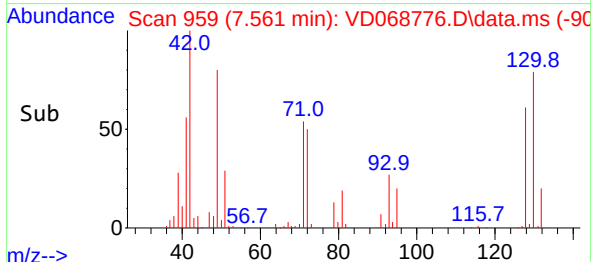
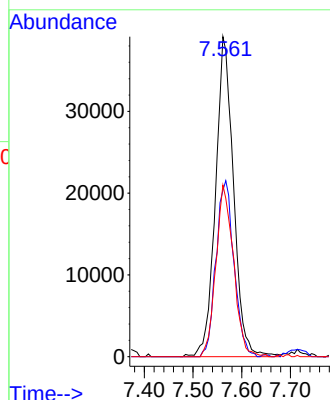
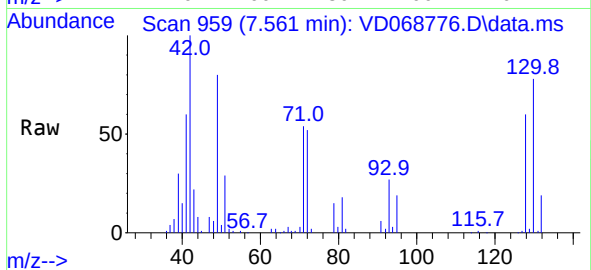
Tgt Ion: 42 Resp: 100535  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 54.8  | 45.2  | 67.8  |
| 71  | 52.5  | 40.8  | 61.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

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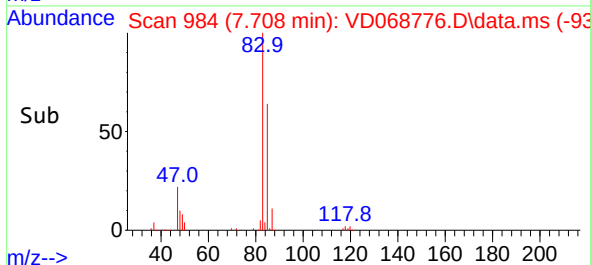
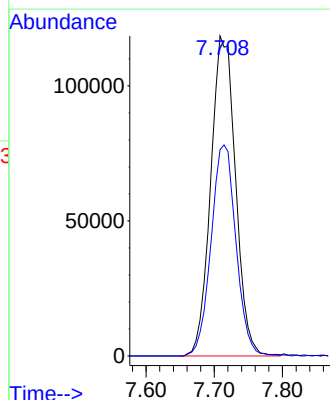
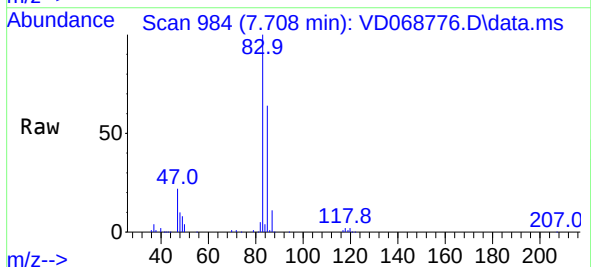
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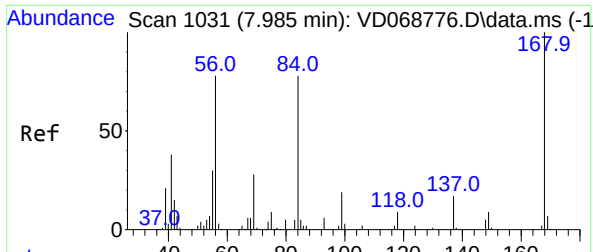


#30  
Chloroform  
Concen: 55.77 ug/l  
RT: 7.708 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

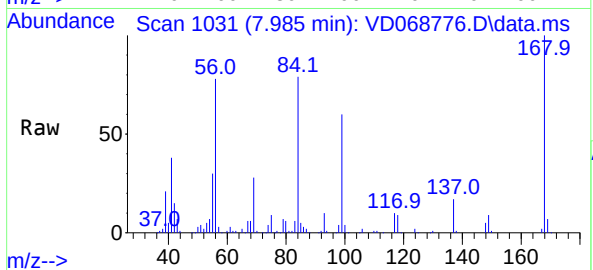
Tgt Ion: 83 Resp: 300295  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.4  | 53.3  | 79.9  |

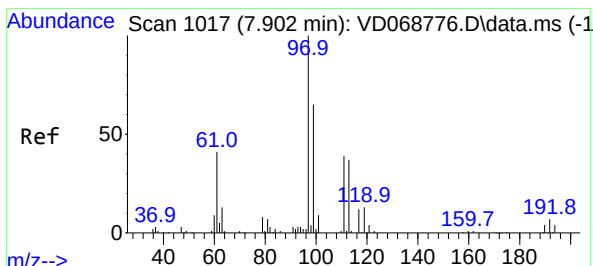
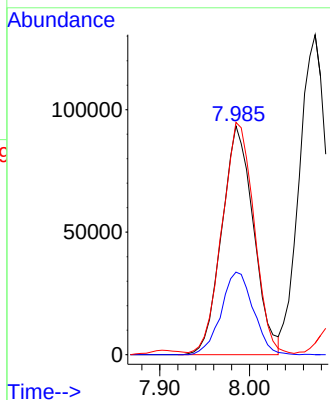
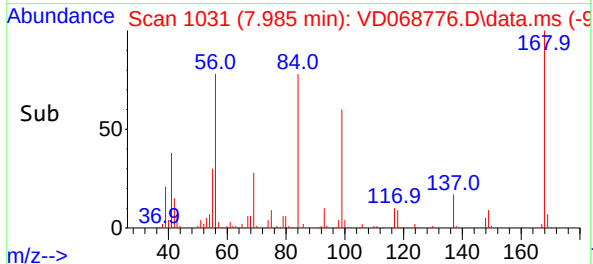




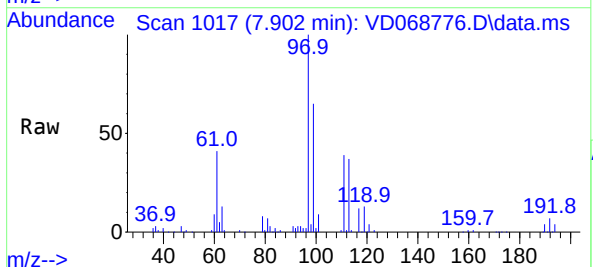
#31  
Cyclohexane  
Concen: 51.59 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



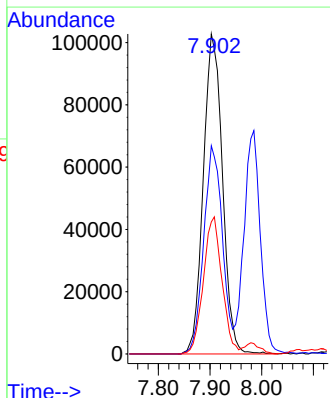
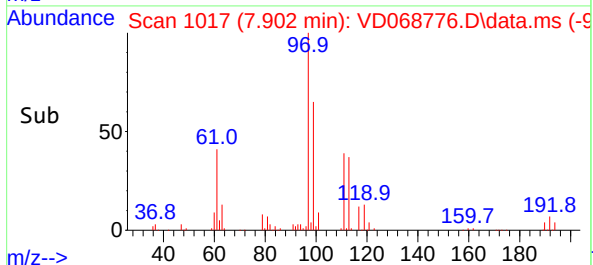
Tgt Ion: 56 Resp: 229625  
Ion Ratio Lower Upper  
56 100  
69 36.1 30.0 45.0  
84 100.1 82.0 123.0



#32  
1,1,1-Trichloroethane  
Concen: 55.25 ug/l  
RT: 7.902 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



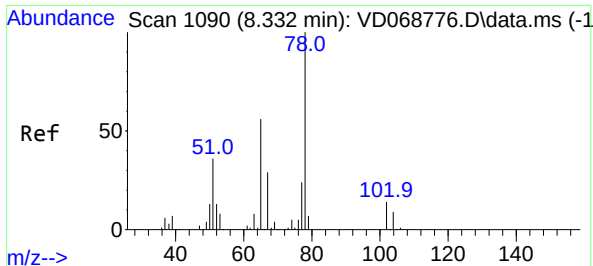
Tgt Ion: 97 Resp: 264406  
Ion Ratio Lower Upper  
97 100  
99 63.4 50.8 76.2  
61 41.7 33.7 50.5



Instrument :  
MSVOA\_D  
ClientSampled :  
VSTDICCC050

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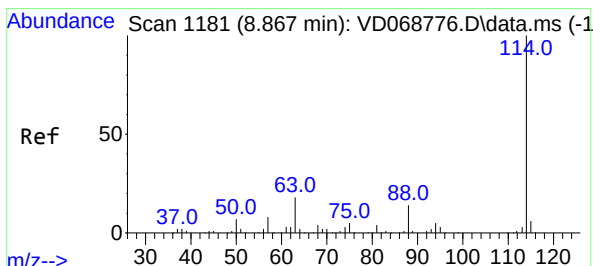
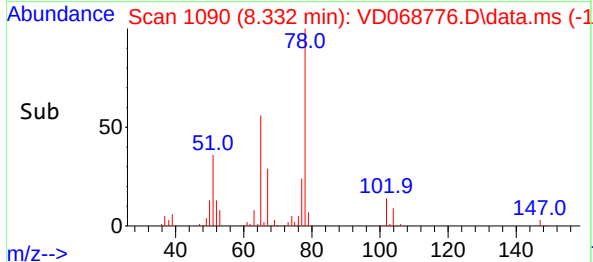
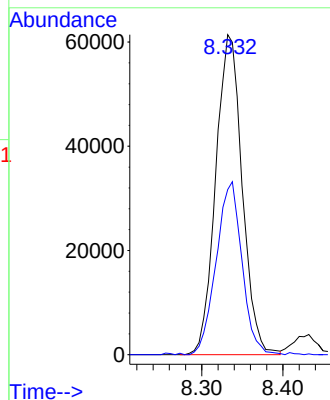
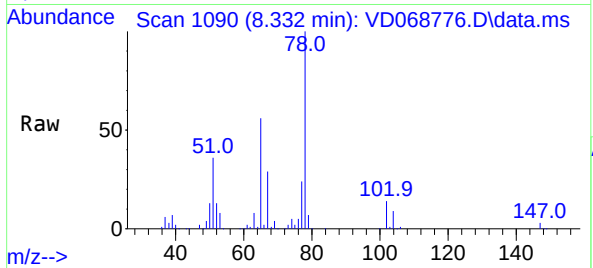
#33  
1,2-Dichloroethane-d4  
Concen: 51.39 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 65 Resp: 139151  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 106.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

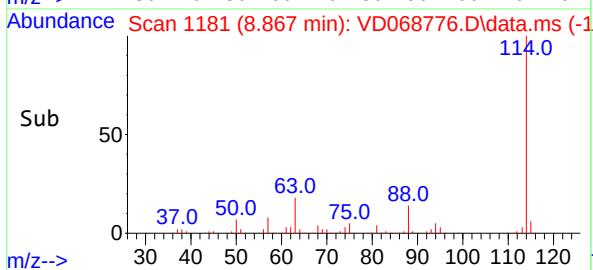
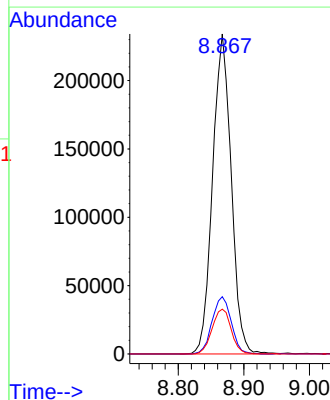
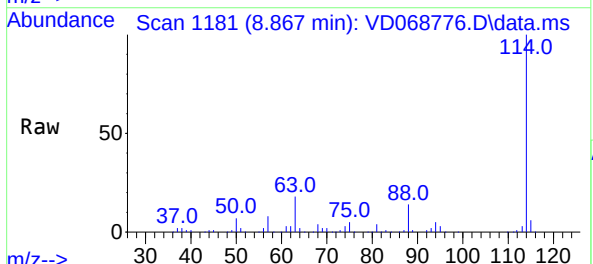
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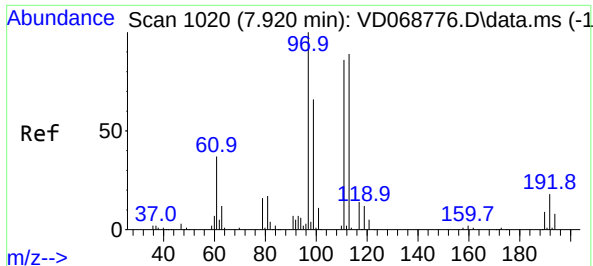
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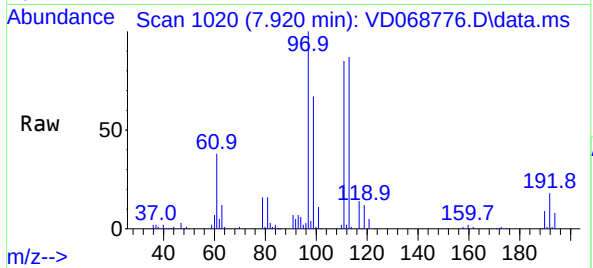
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 114 Resp: 461074  
Ion Ratio Lower Upper  
114 100  
63 17.9 0.0 38.2  
88 14.0 0.0 29.4

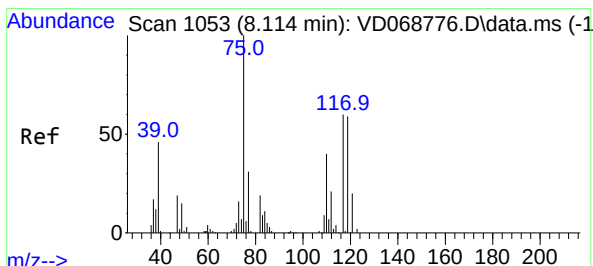
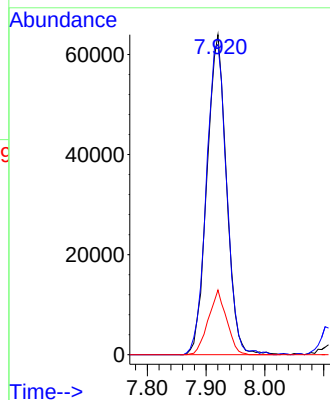
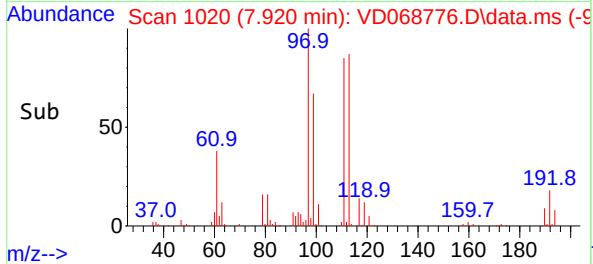




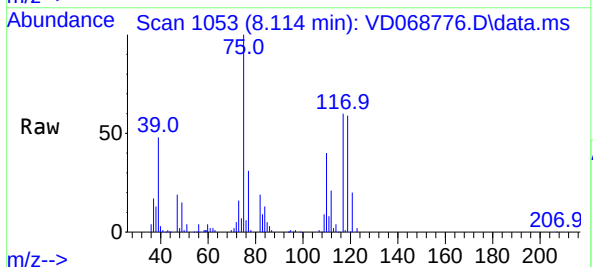
#35  
Dibromofluoromethane  
Concen: 51.61 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



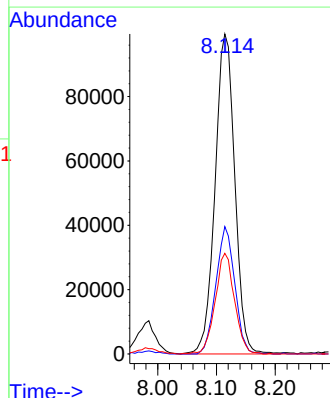
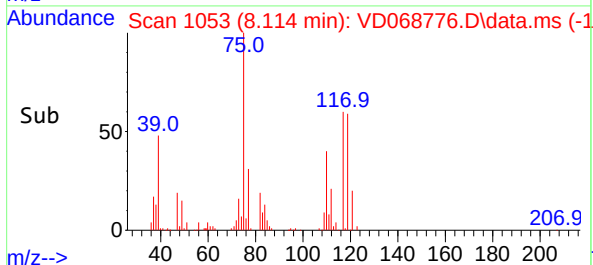
Tgt Ion:113 Resp: 147702  
Ion Ratio Lower Upper  
113 100  
111 101.0 82.5 123.7  
192 18.8 15.1 22.7



#36  
1,1-Dichloropropene  
Concen: 55.28 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



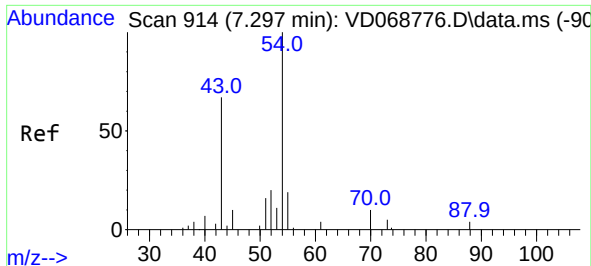
Tgt Ion: 75 Resp: 231988  
Ion Ratio Lower Upper  
75 100  
110 38.0 18.1 54.4  
77 30.8 24.7 37.1



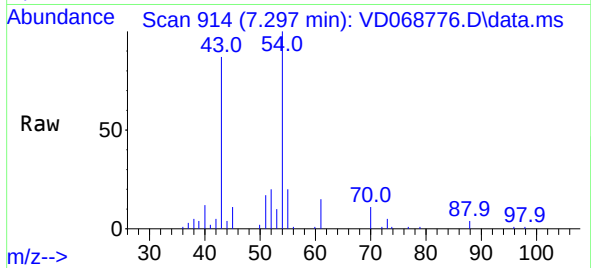
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

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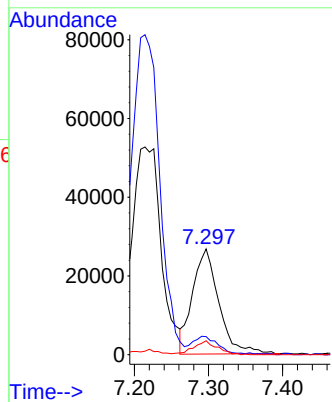
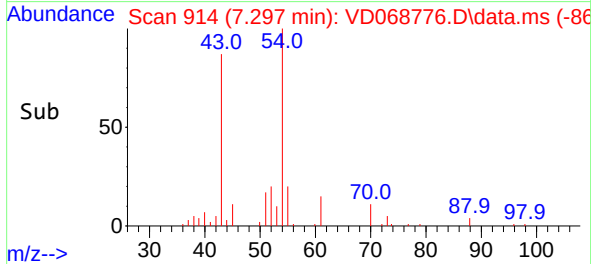
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#37  
Ethyl Acetate  
Concen: 50.43 ug/l  
RT: 7.297 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



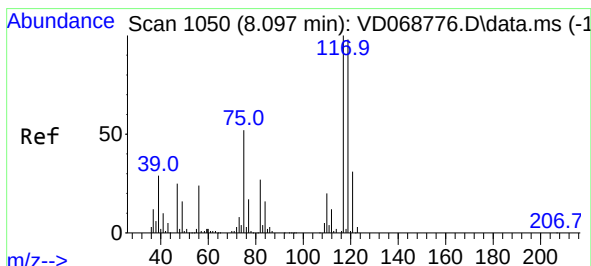
Tgt Ion: 43 Resp: 65669  
Ion Ratio Lower Upper  
43 100  
61 18.2 14.2 21.4  
70 12.0 9.4 14.0



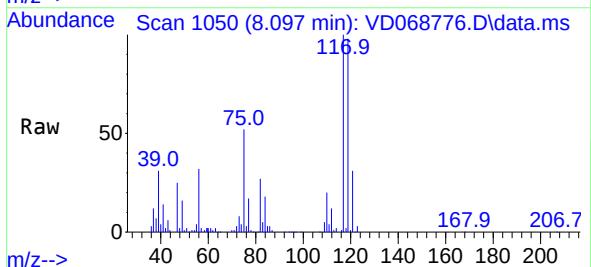
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

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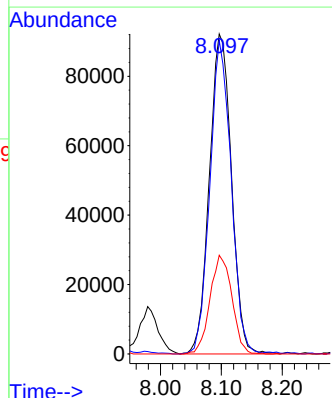
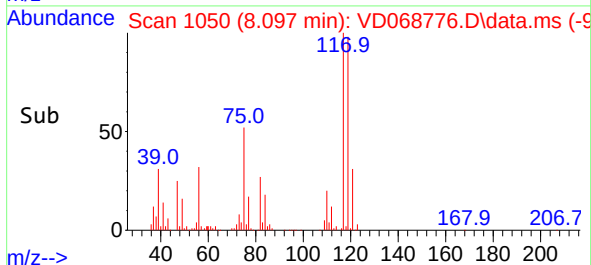
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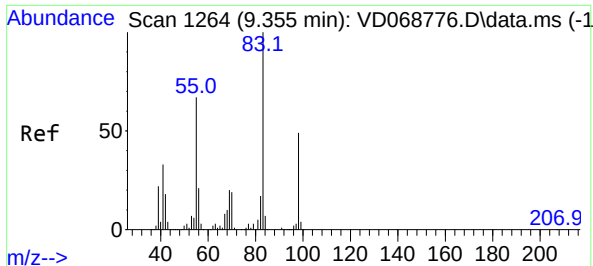


#38  
Carbon Tetrachloride  
Concen: 55.21 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



Tgt Ion: 117 Resp: 232111  
Ion Ratio Lower Upper  
117 100  
119 98.0 76.6 115.0  
121 30.8 26.1 39.1





#39

Methylcyclohexane

Concen: 55.47 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068776.D

Acq: 07 Apr 2021 11:38

Tgt Ion: 83 Resp: 285729

Ion Ratio Lower Upper

83 100

55 66.7 51.7 77.5

98 48.6 38.8 58.2

Instrument :

MSVOA\_D

ClientSampleId :

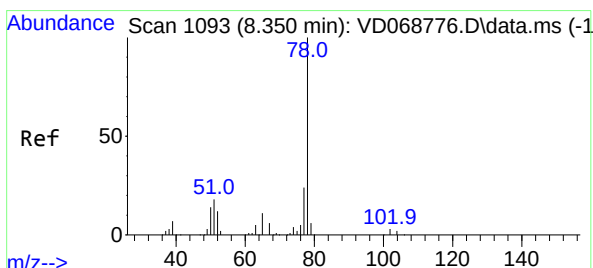
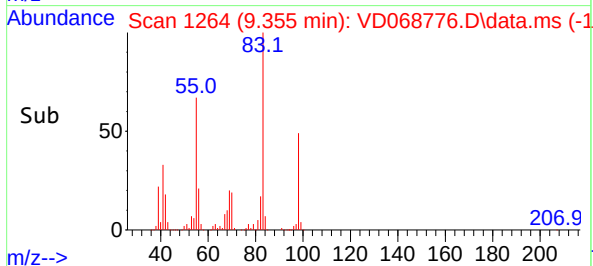
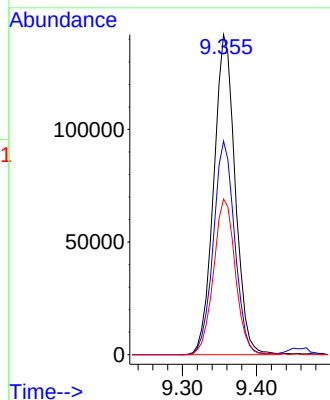
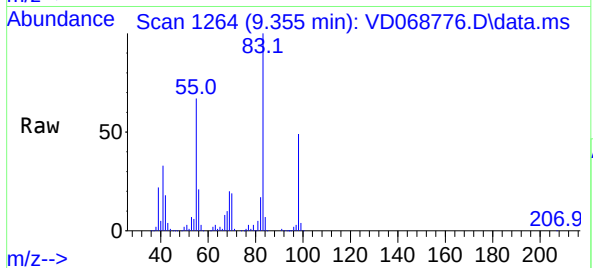
VSTDICCC050

Manual Integrations

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#40

Benzene

Concen: 55.44 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD068776.D

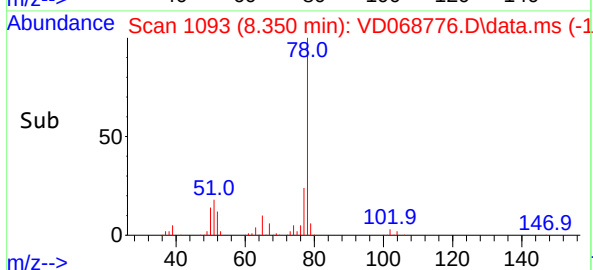
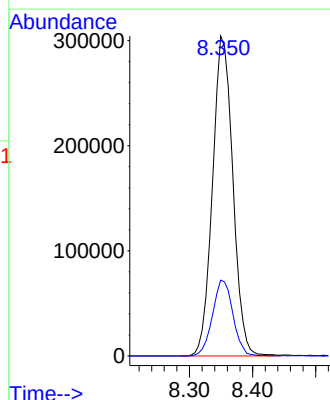
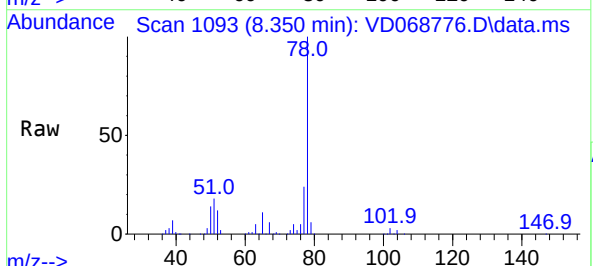
Acq: 07 Apr 2021 11:38

Tgt Ion: 78 Resp: 680087

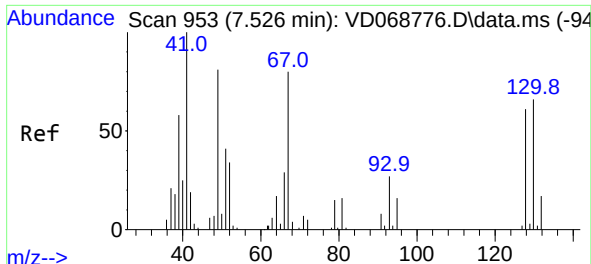
Ion Ratio Lower Upper

78 100

77 23.7 18.2 27.2







#41  
Methacrylonitrile  
Concen: 45.59 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

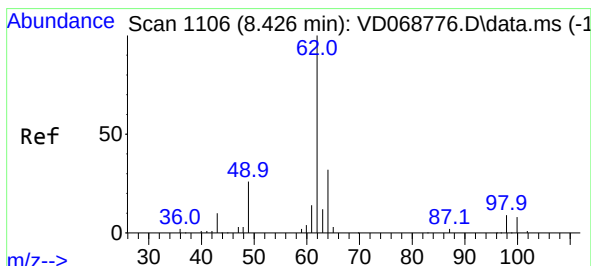
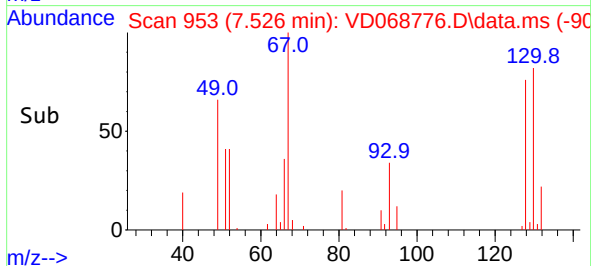
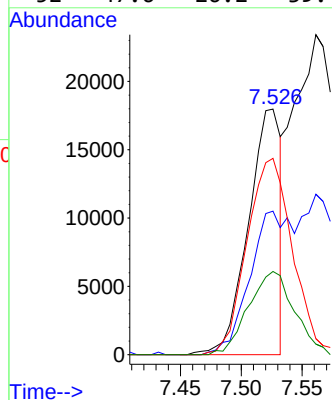
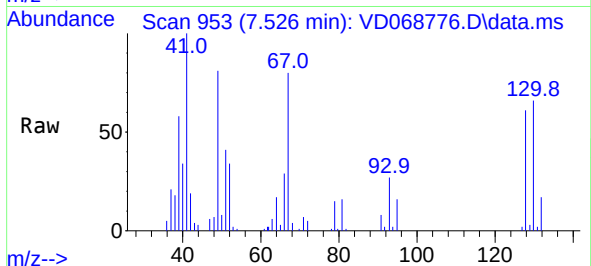
Tgt Ion: 41 Resp: 33482

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 76.8  | 43.2  | 64.8# |
| 67  | 111.9 | 63.9  | 95.9# |
| 52  | 47.6  | 26.2  | 39.4# |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

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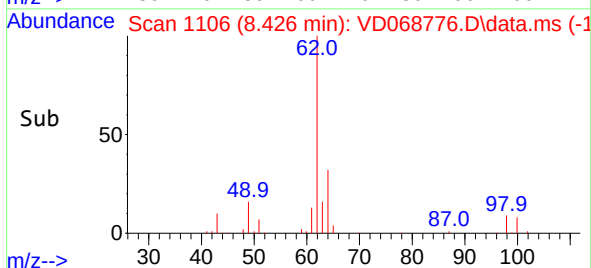
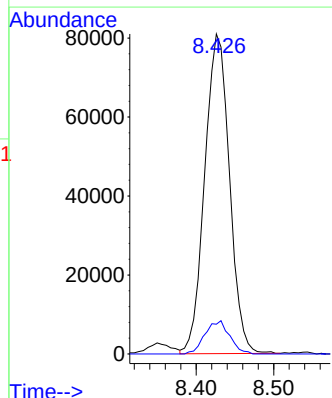
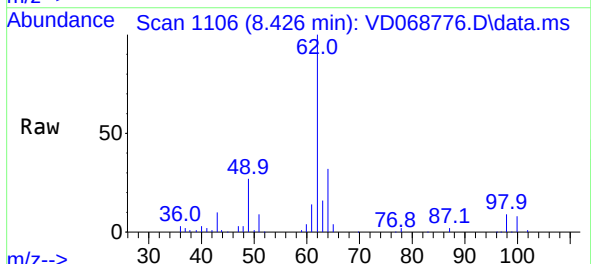
MMDadoda  
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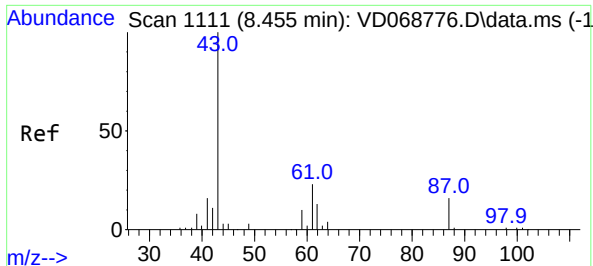


#42  
1,2-Dichloroethane  
Concen: 55.75 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 62 Resp: 179662

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.3  | 0.0   | 22.6  |





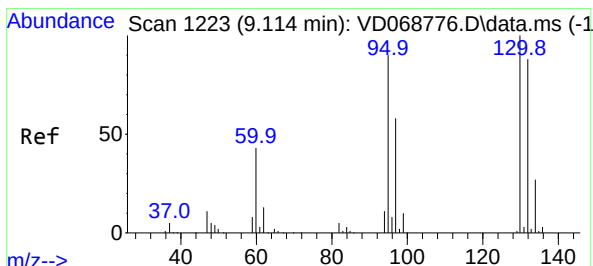
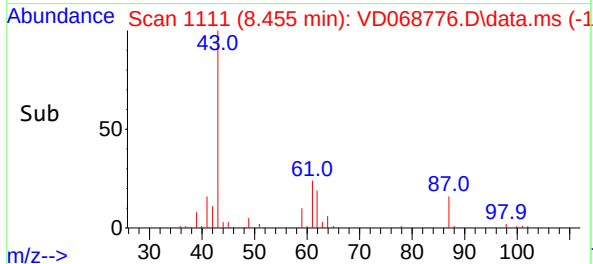
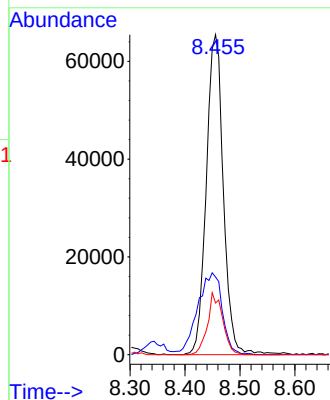
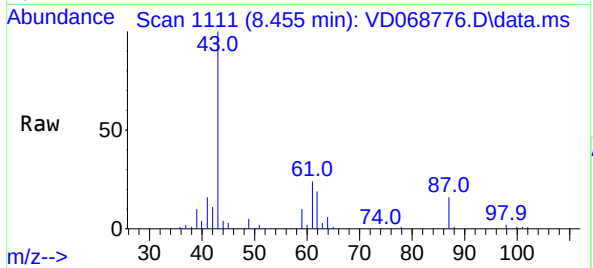
#43  
Isopropyl Acetate  
Concen: 55.65 ug/l  
RT: 8.455 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 43 Resp: 141398  
Ion Ratio Lower Upper  
43 100  
61 37.0 29.5 44.3  
87 17.3 13.5 20.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

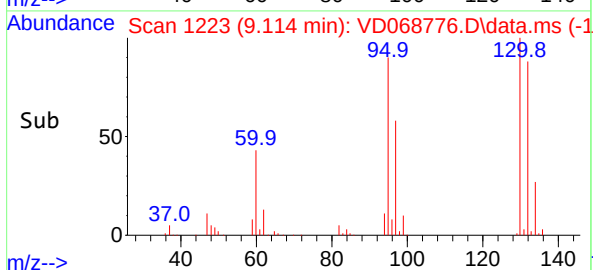
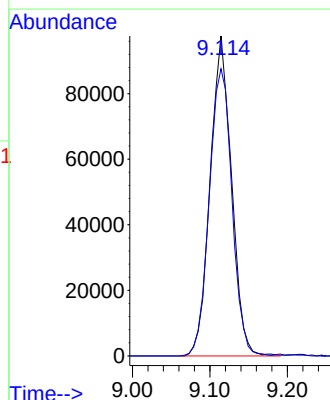
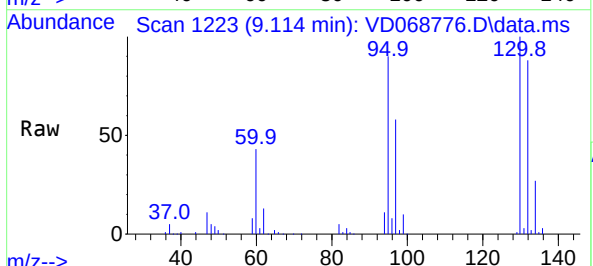
Manual Integrations  
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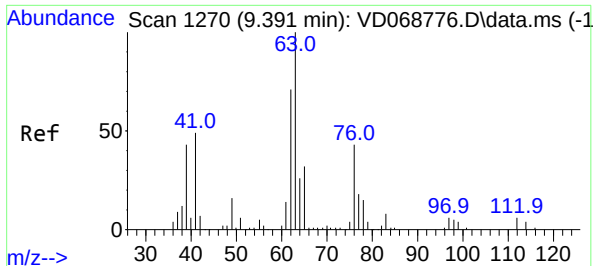
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#44  
Trichloroethene  
Concen: 54.90 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion:130 Resp: 187010  
Ion Ratio Lower Upper  
130 100  
95 89.7 0.0 203.8





#45

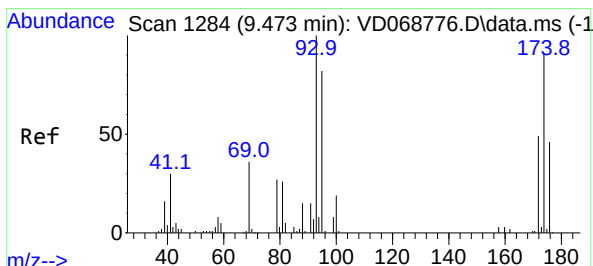
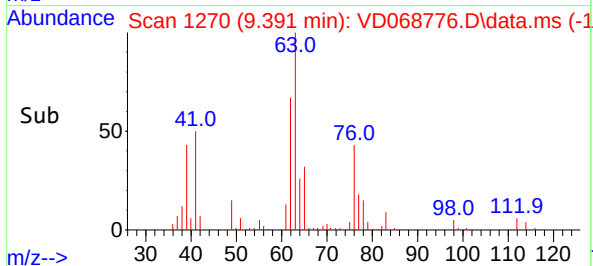
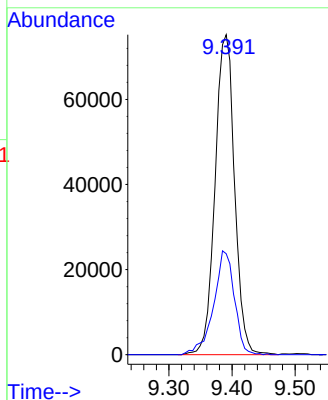
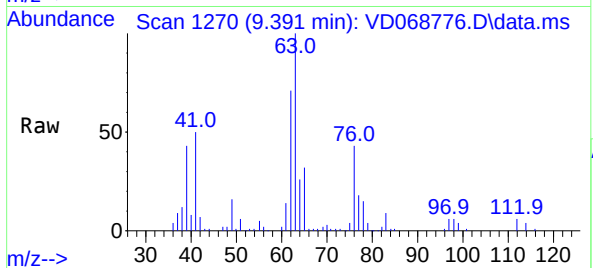
1,2-Dichloropropane  
Concen: 54.91 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 63 Resp: 161192  
Ion Ratio Lower Upper  
63 100  
65 31.6 27.0 40.4

Instrument :  
MSVOA\_D  
ClientSampled :  
VSTDICCC050

Manual Integrations  
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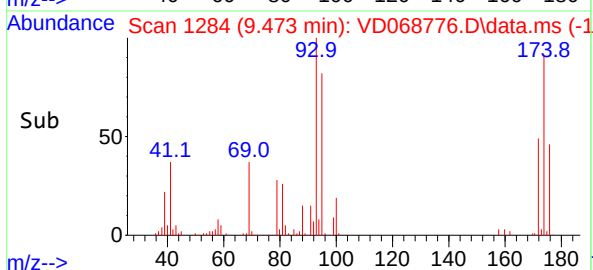
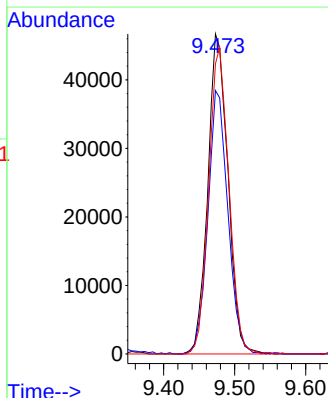
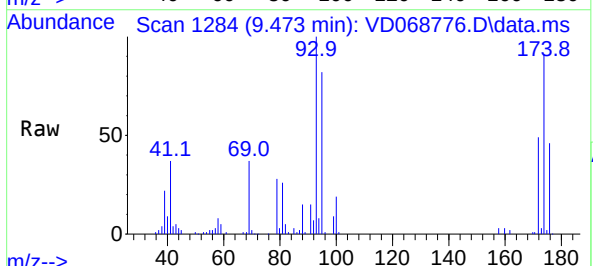
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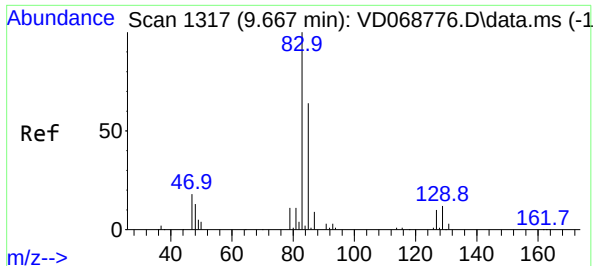


#46

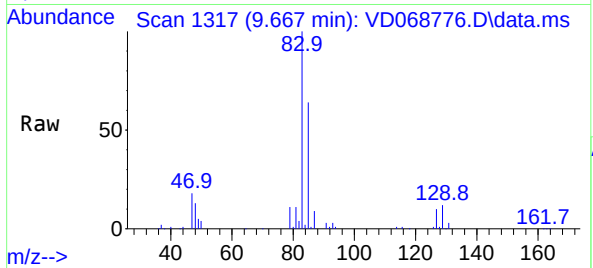
Dibromomethane  
Concen: 55.15 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 93 Resp: 91940  
Ion Ratio Lower Upper  
93 100  
95 81.9 64.5 96.7  
174 95.7 75.3 112.9

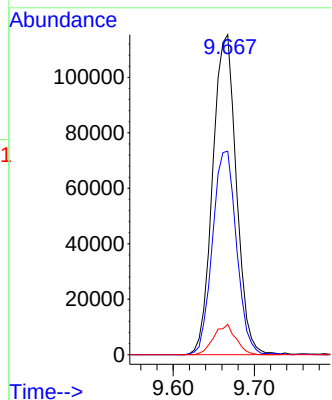




#47  
Bromodichloromethane  
Concen: 54.61 ug/l  
RT: 9.667 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



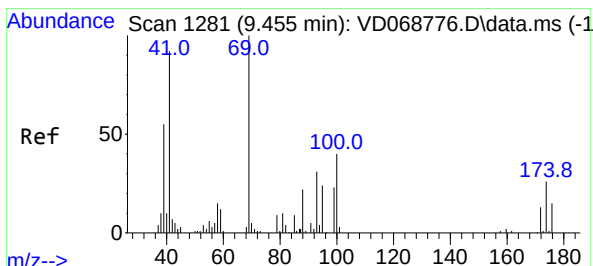
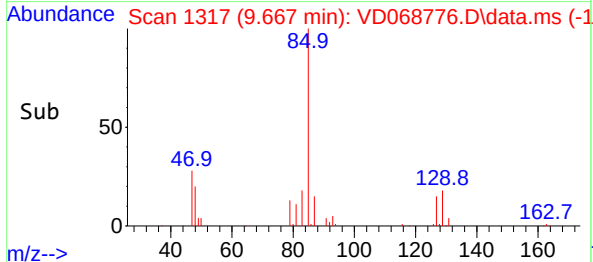
Tgt Ion: 83 Resp: 233737  
Ion Ratio Lower Upper  
83 100  
85 63.6 51.0 76.6  
127 9.5 7.1 10.7



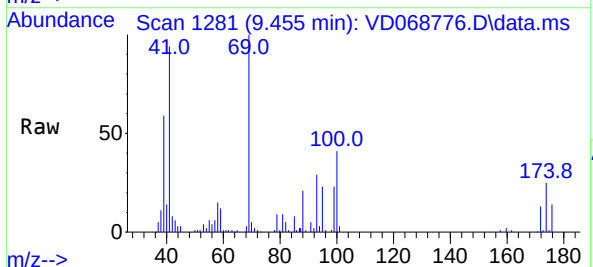
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

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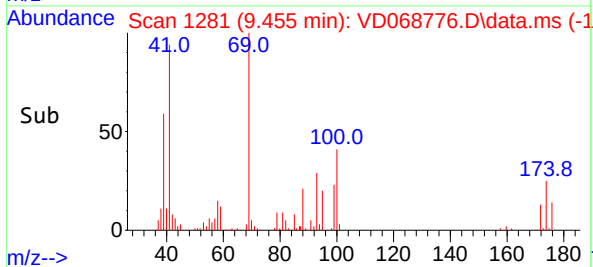
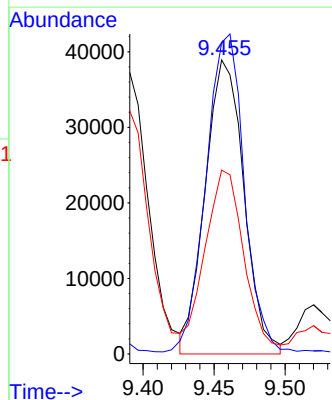
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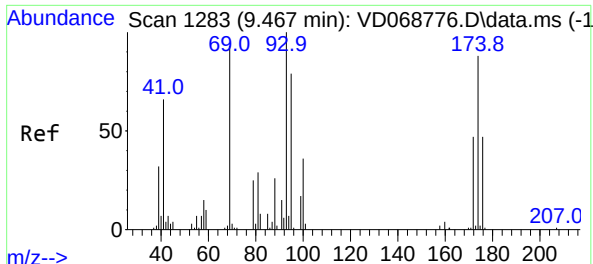


#48  
Methyl methacrylate  
Concen: 57.33 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



Tgt Ion: 41 Resp: 74006  
Ion Ratio Lower Upper  
41 100  
69 108.7 83.0 124.6  
39 56.8 47.0 70.6





#49

1,4-Dioxane

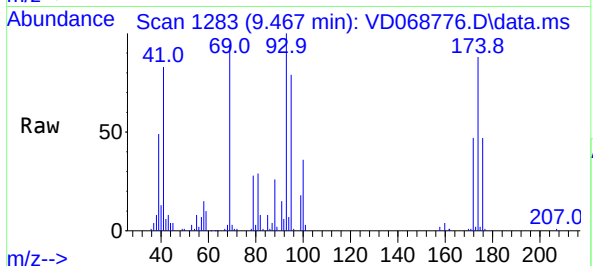
Concen: 1087.29 ug/l

RT: 9.467 min Scan# 1283

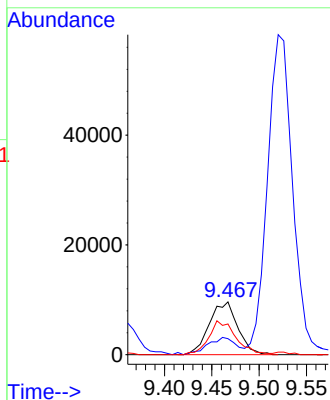
Delta R.T. 0.000 min

Lab File: VD068776.D

Acq: 07 Apr 2021 11:38



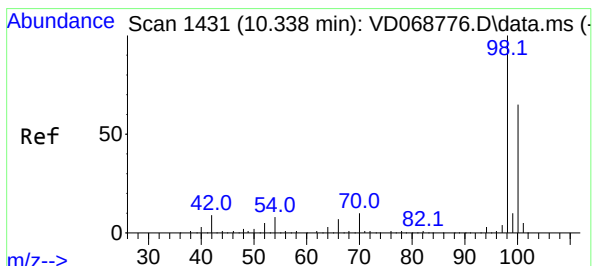
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 20144 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 33.6  | 25.8  | 38.8  |
| 58       | 61.4  | 54.0  | 81.0  |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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#50

Toluene-d8

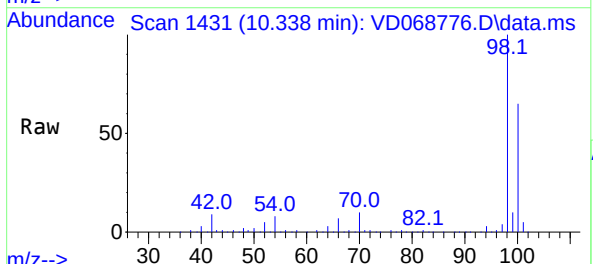
Concen: 51.42 ug/l

RT: 10.338 min Scan# 1431

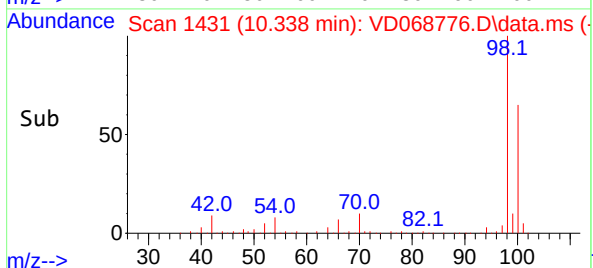
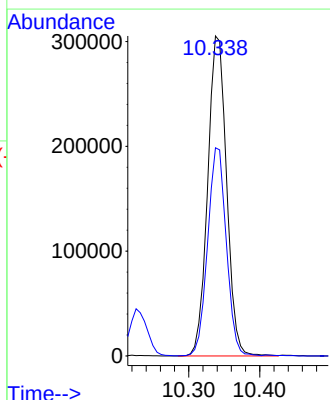
Delta R.T. 0.000 min

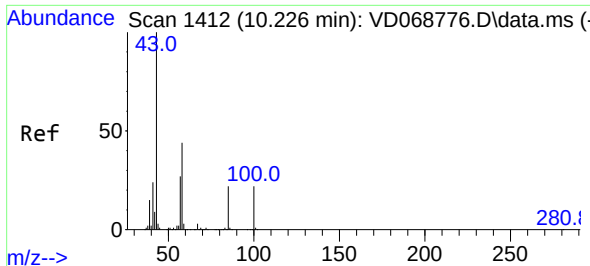
Lab File: VD068776.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 564144 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.1  | 51.8  | 77.6   |





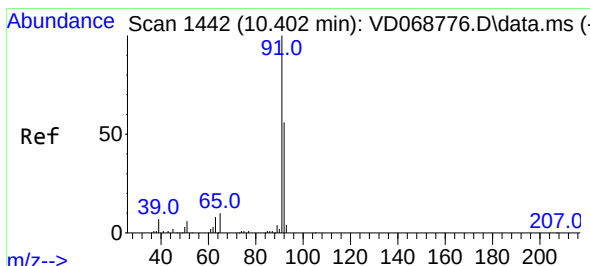
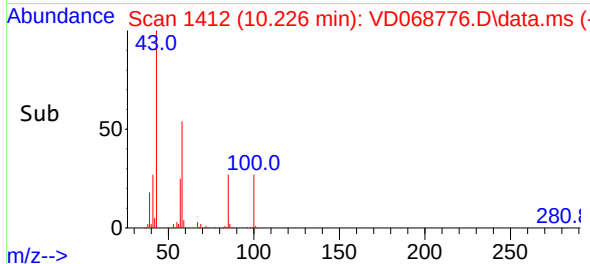
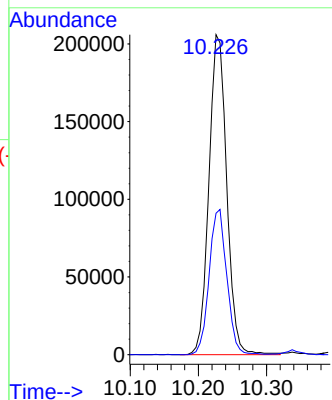
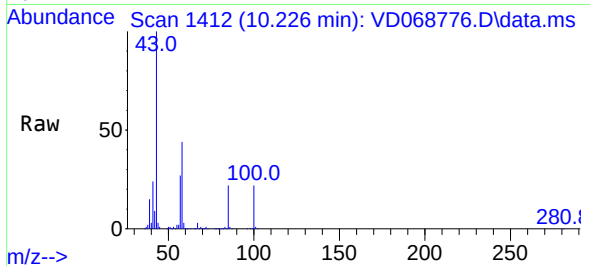
#51  
4-Methyl-2-Pentanone  
Concen: 281.69 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 43 Resp: 374339  
Ion Ratio Lower Upper  
43 100  
58 45.1 37.3 55.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

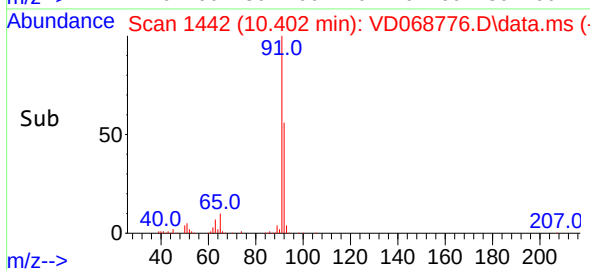
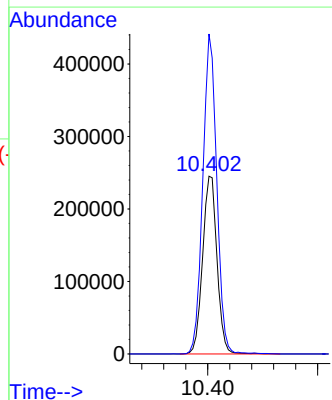
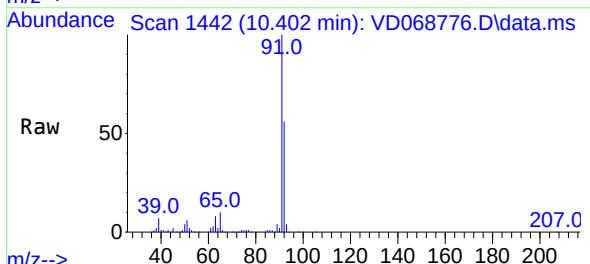
Manual Integrations  
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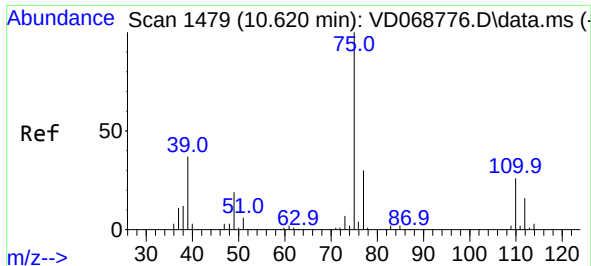
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#52  
Toluene  
Concen: 57.19 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 92 Resp: 445406  
Ion Ratio Lower Upper  
92 100  
91 174.6 139.1 208.7





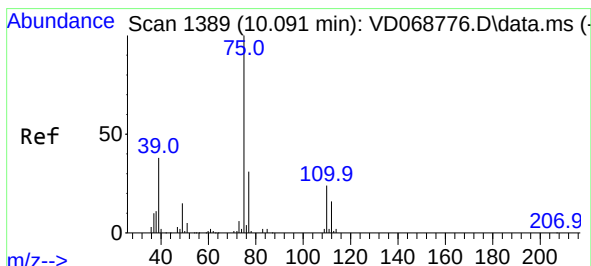
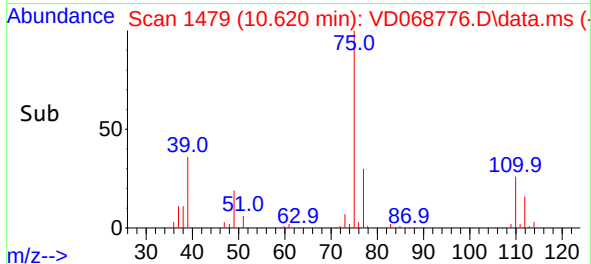
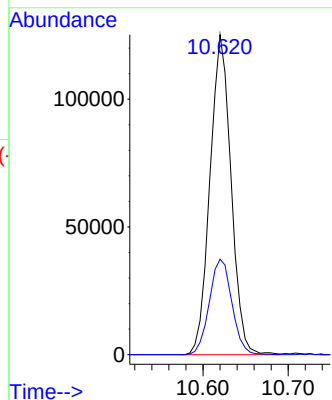
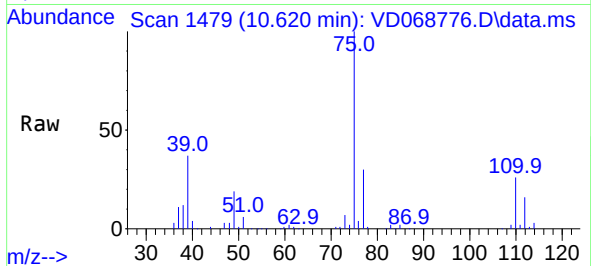
#53  
t-1,3-Dichloropropene  
Concen: 54.68 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 75 Resp: 214926  
Ion Ratio Lower Upper  
75 100  
77 29.9 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

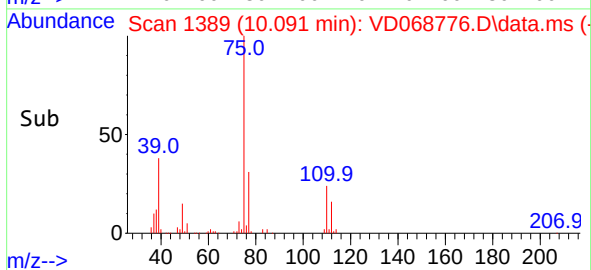
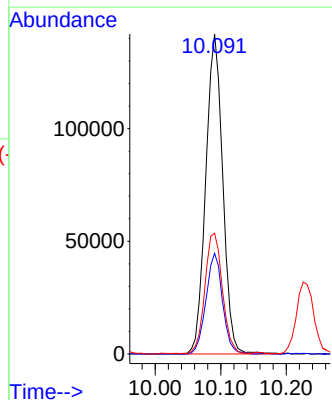
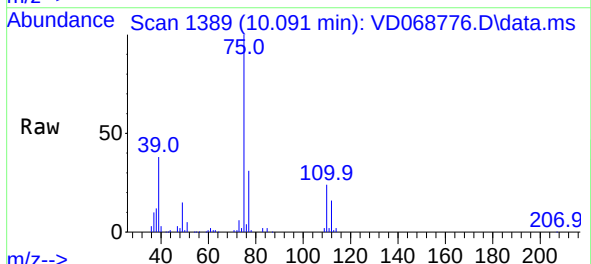
Manual Integrations  
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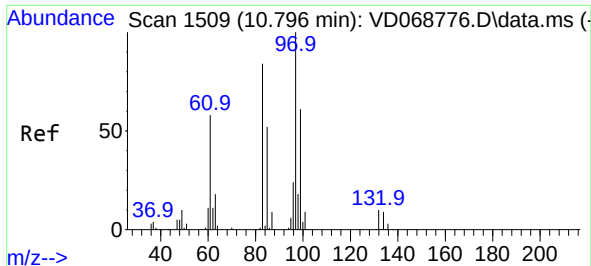
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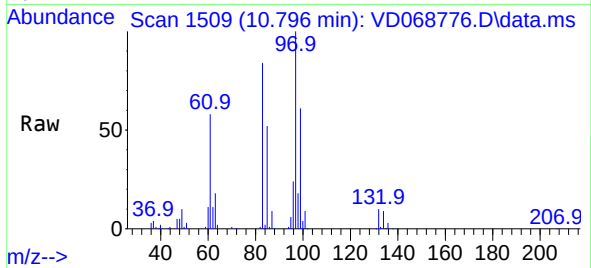
#54  
cis-1,3-Dichloropropene  
Concen: 54.87 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 75 Resp: 256300  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.7 37.1  
39 37.6 30.2 45.2

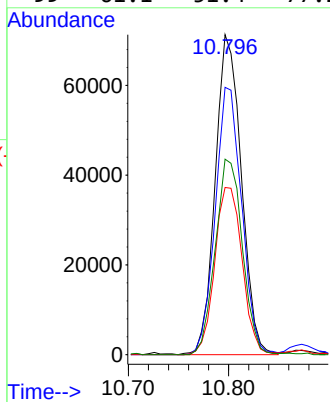




#55  
1,1,2-Trichloroethane  
Concen: 54.65 ug/l  
RT: 10.796 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



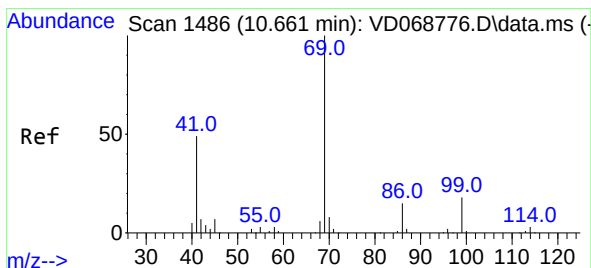
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 128846 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.6  | 65.7  | 98.5   |
| 85       | 52.3  | 44.3  | 66.5   |
| 99       | 61.1  | 51.4  | 77.2   |



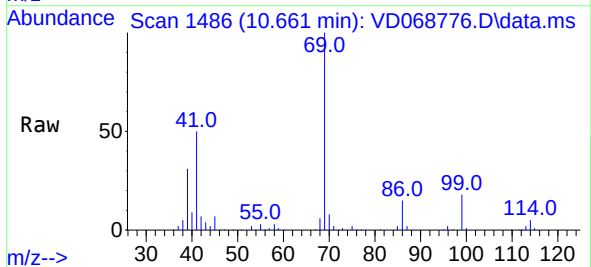
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

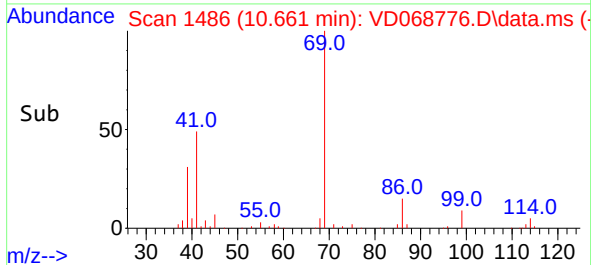
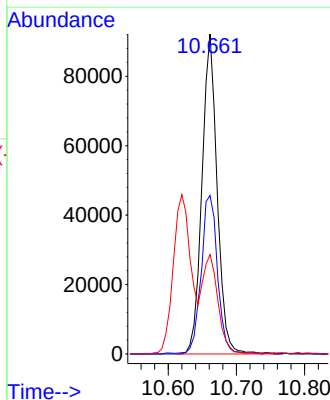
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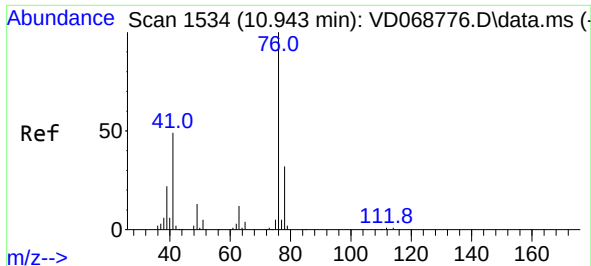
#56  
Ethyl methacrylate  
Concen: 56.64 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 143061 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 53.5  | 42.2  | 63.4   |
| 39       | 31.8  | 24.2  | 36.2   |







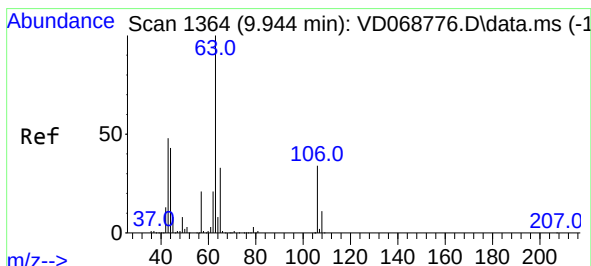
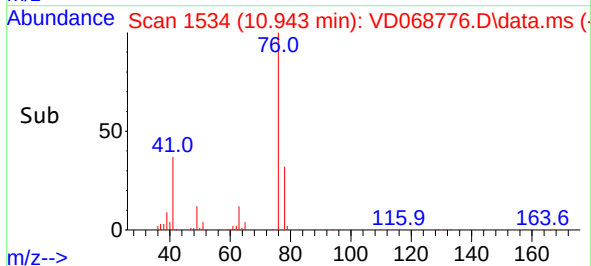
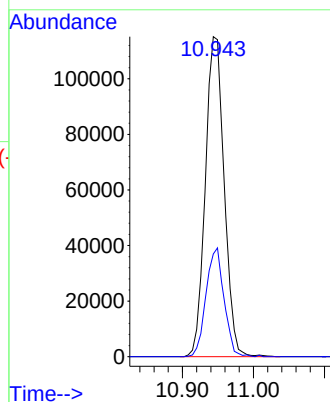
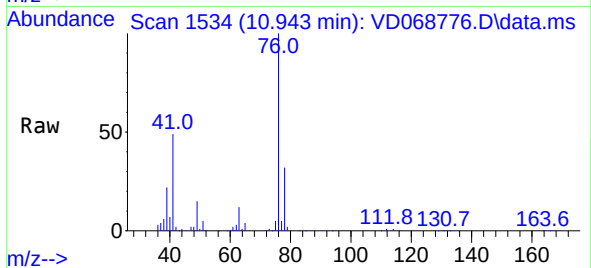
#57  
1,3-Dichloropropane  
Concen: 55.61 ug/l  
RT: 10.943 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 76 Resp: 212697  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.8 38.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

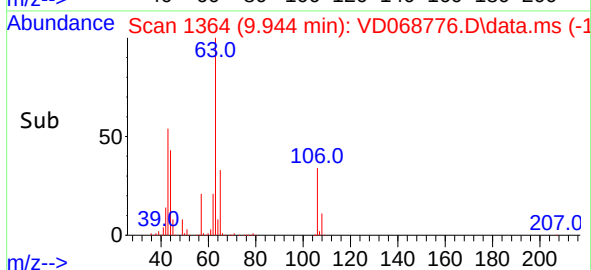
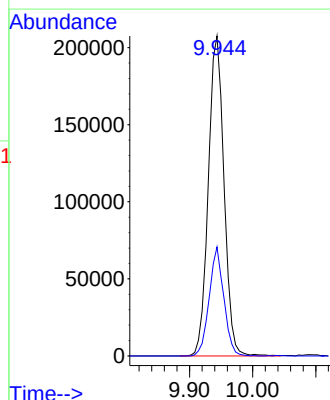
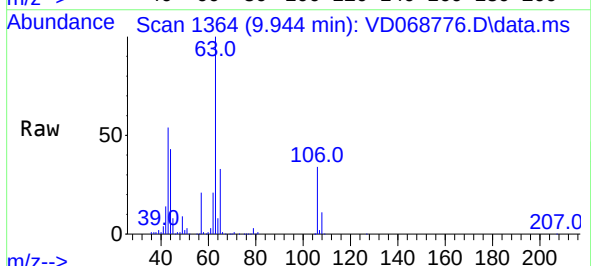
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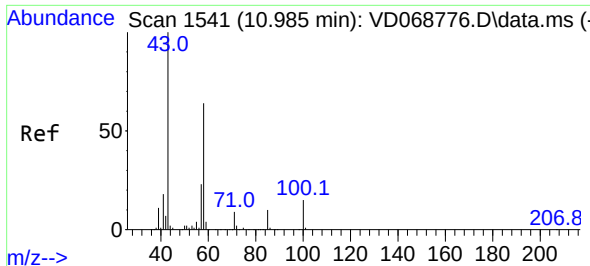
MMDadoda  
4/8/2021 3:08:15 PM



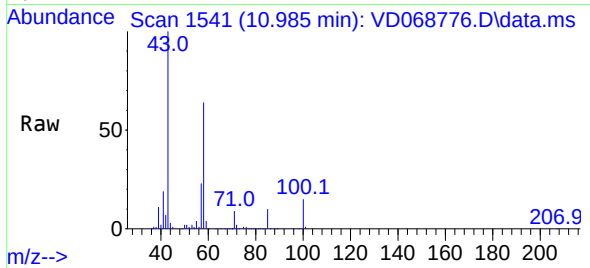
#58  
2-Chloroethyl Vinyl ether  
Concen: 279.41 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 63 Resp: 357702  
Ion Ratio Lower Upper  
63 100  
106 31.7 24.6 36.8

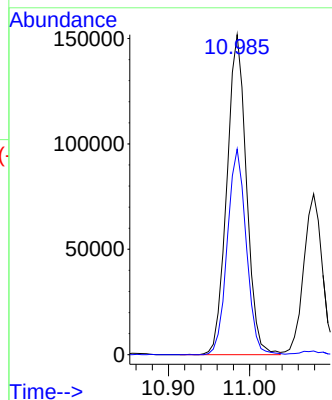




#59  
2-Hexanone  
Concen: 285.69 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



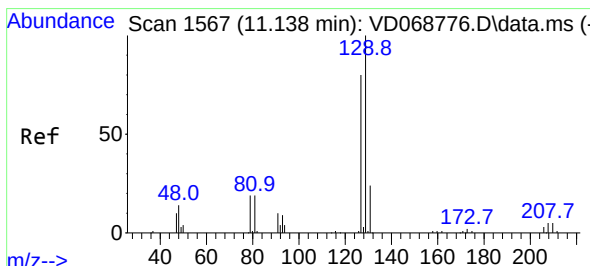
Tgt Ion: 43 Resp: 254488  
Ion Ratio Lower Upper  
43 100  
58 62.1 31.3 93.8



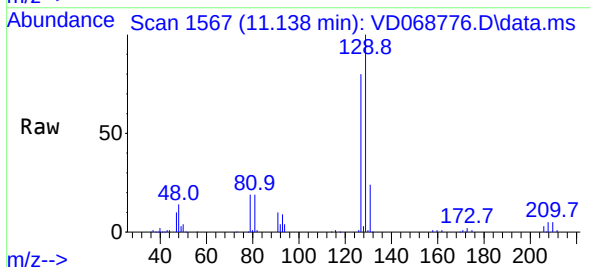
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

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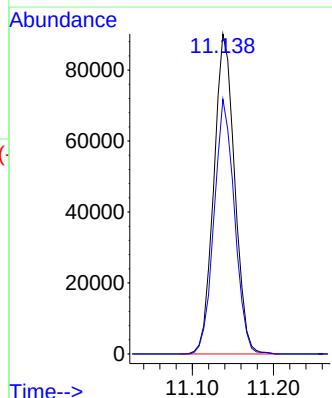
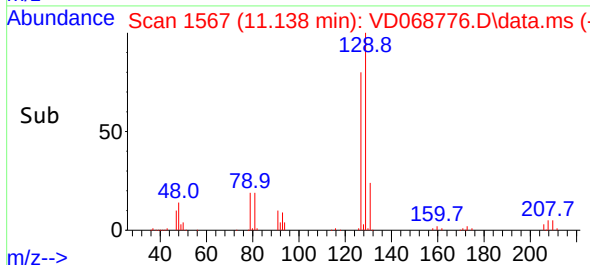
MMDadoda  
4/8/2021 3:08:15 PM

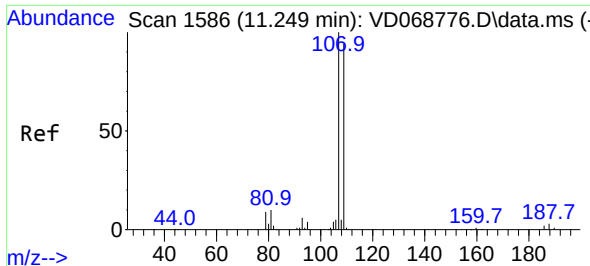


#60  
Dibromochloromethane  
Concen: 55.07 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



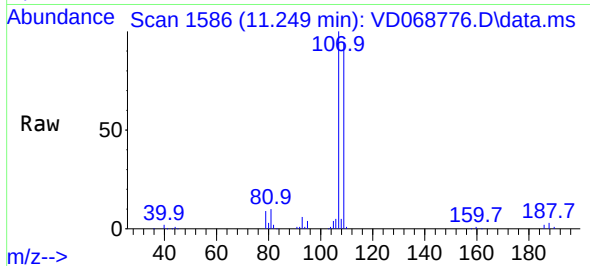
Tgt Ion:129 Resp: 160606  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.8 116.3





#61  
1,2-Dibromoethane  
Concen: 54.90 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

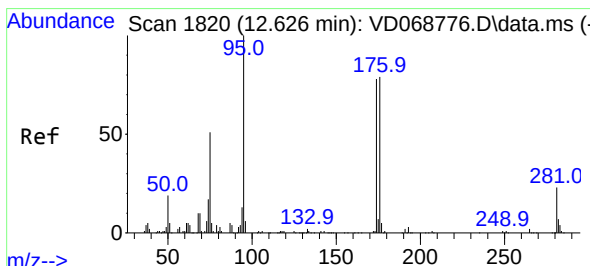
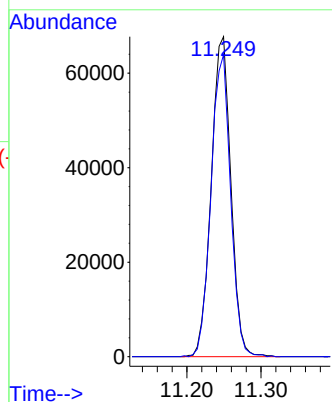
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050



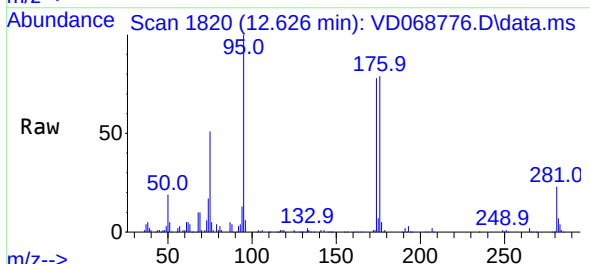
Tgt Ion:107 Resp: 124493  
Ion Ratio Lower Upper  
107 100  
109 94.1 74.9 112.3

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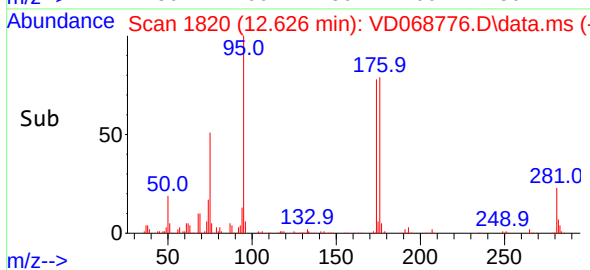
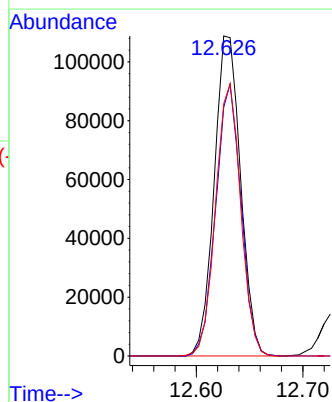
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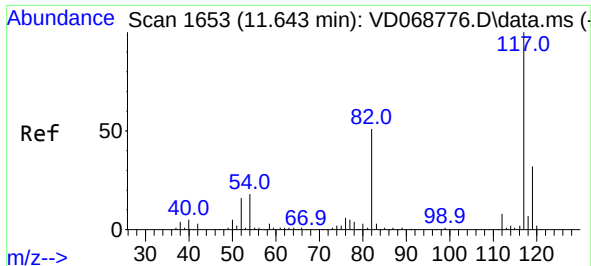


#62  
4-Bromofluorobenzene  
Concen: 52.15 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

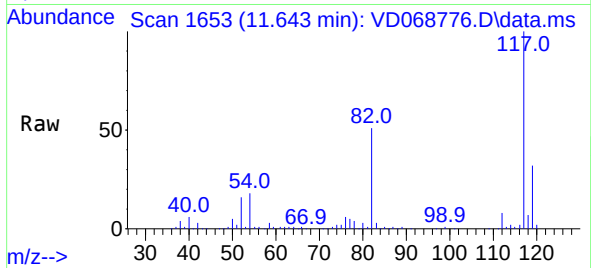


Tgt Ion: 95 Resp: 186845  
Ion Ratio Lower Upper  
95 100  
174 81.5 0.0 168.0  
176 81.0 0.0 160.2

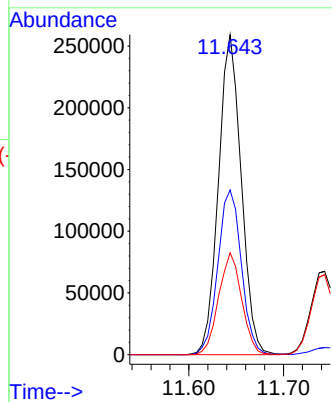
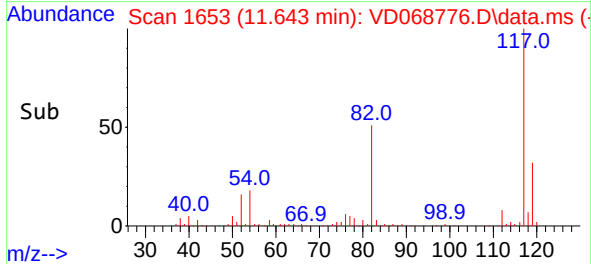




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.643 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



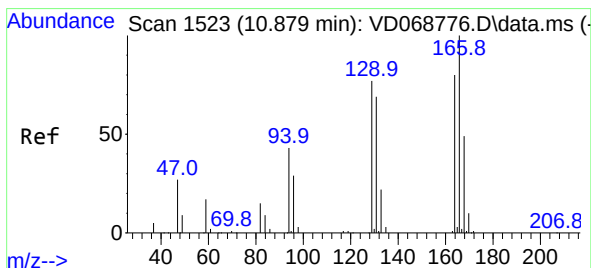
Tgt Ion:117 Resp: 433567  
Ion Ratio Lower Upper  
117 100  
82 51.4 43.5 65.3  
119 31.9 26.7 40.1



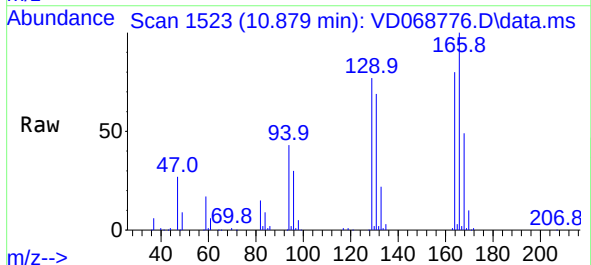
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

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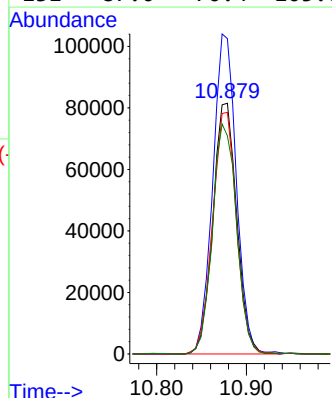
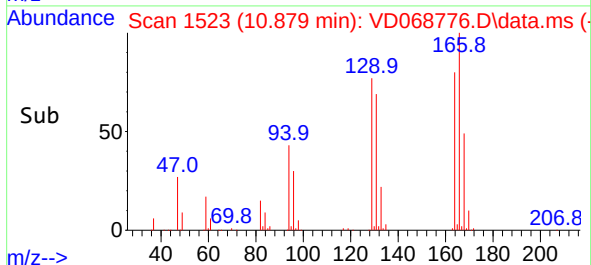
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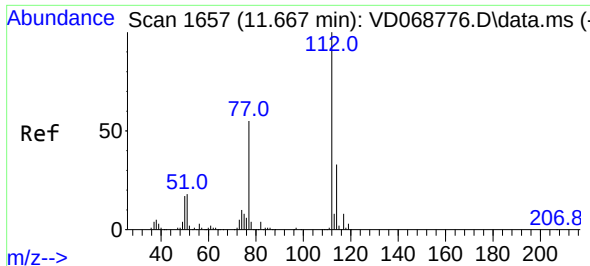


#64  
Tetrachloroethene  
Concen: 52.97 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



Tgt Ion:164 Resp: 150121  
Ion Ratio Lower Upper  
164 100  
166 125.8 103.0 154.6  
129 96.4 77.4 116.0  
131 87.0 70.4 105.6





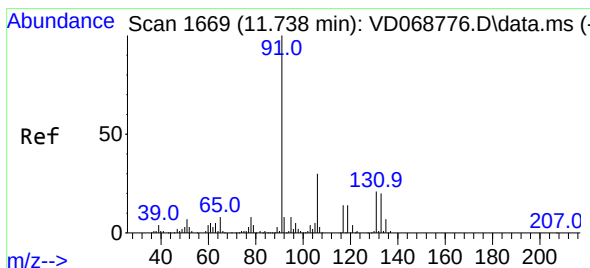
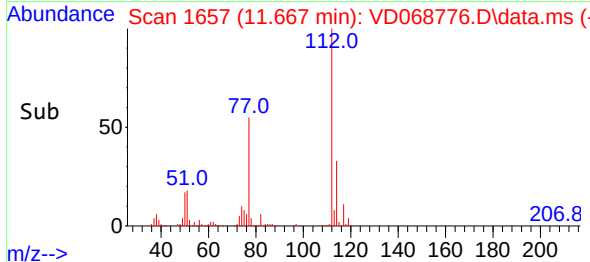
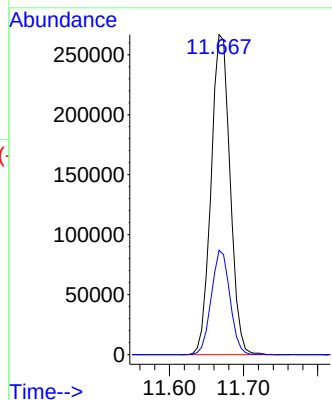
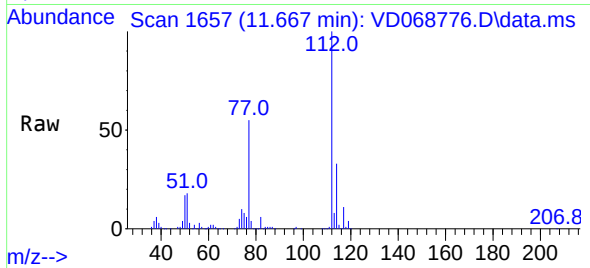
#65  
Chlorobenzene  
Concen: 54.86 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

Tgt Ion:112 Resp: 475287  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.2 37.8

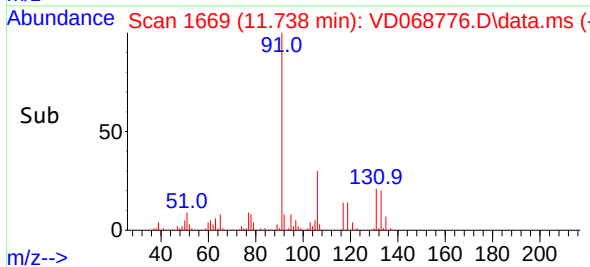
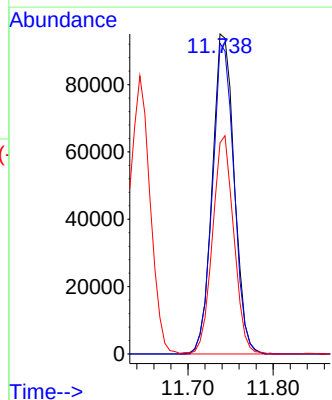
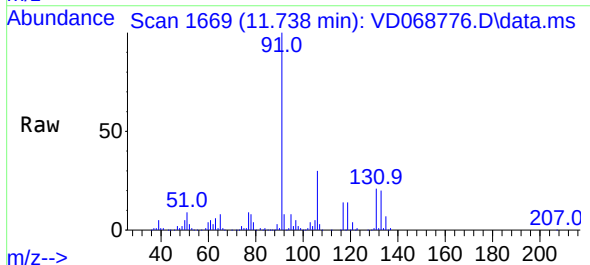
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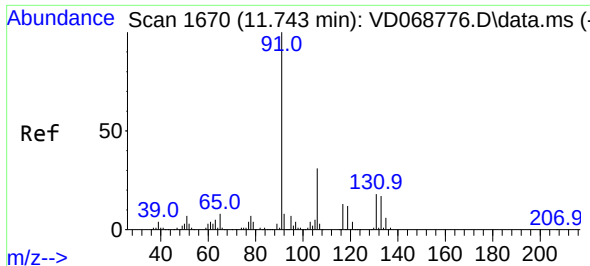
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.62 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

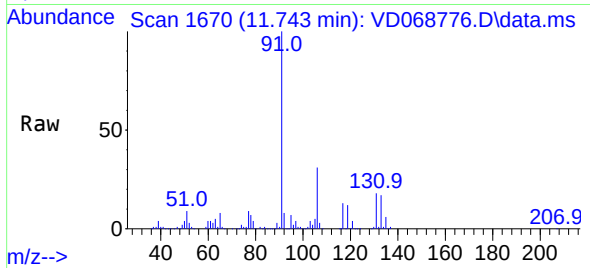
Tgt Ion:131 Resp: 170463  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.0 141.2  
119 66.1 32.8 98.3





#67  
Ethyl Benzene  
Concen: 56.06 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

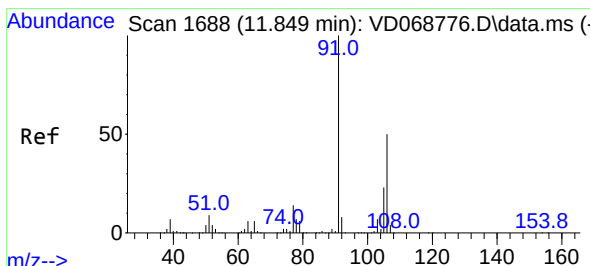
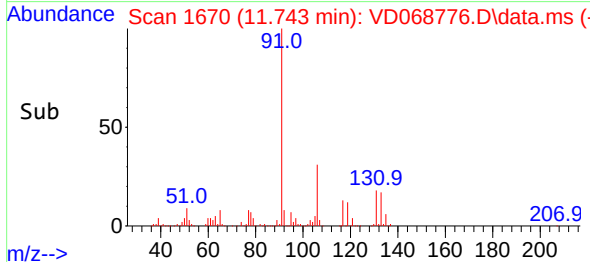
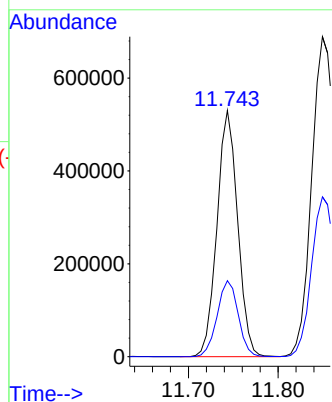
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 91 Resp: 848700  
Ion Ratio Lower Upper  
91 100  
106 30.9 25.1 37.7

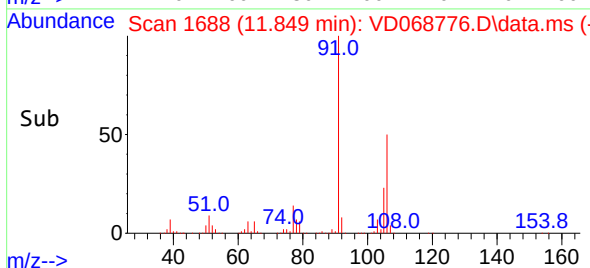
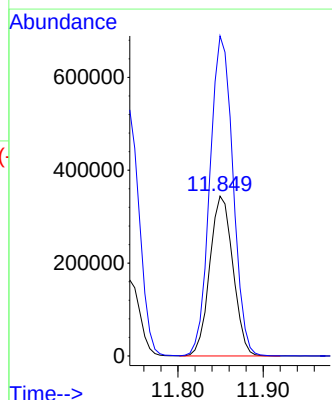
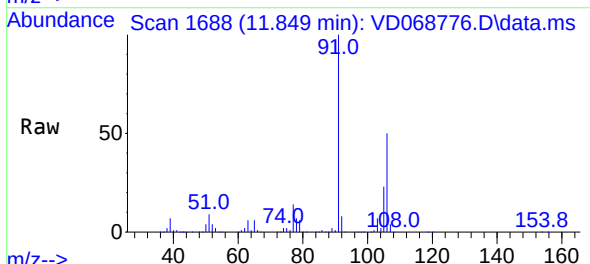
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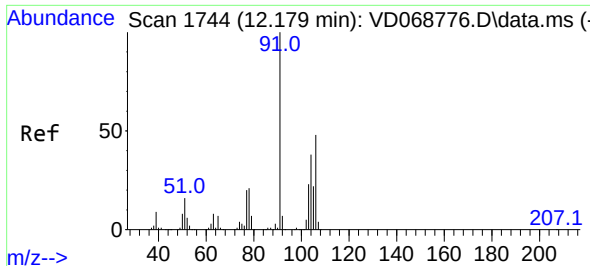
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#68  
m/p-Xylenes  
Concen: 110.60 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

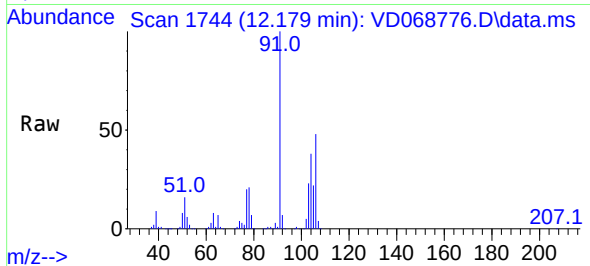
Tgt Ion: 106 Resp: 651452  
Ion Ratio Lower Upper  
106 100  
91 199.4 158.6 238.0





#69  
o-Xylene  
Concen: 55.16 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

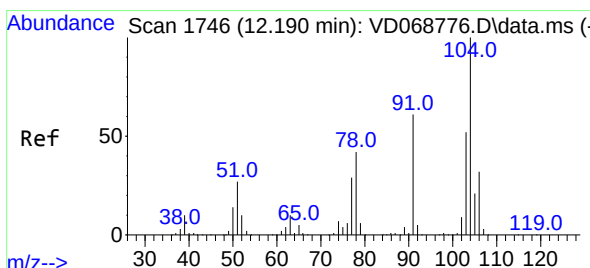
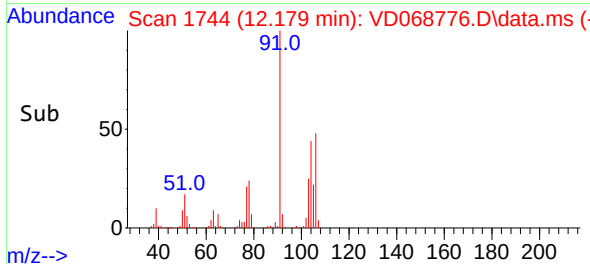
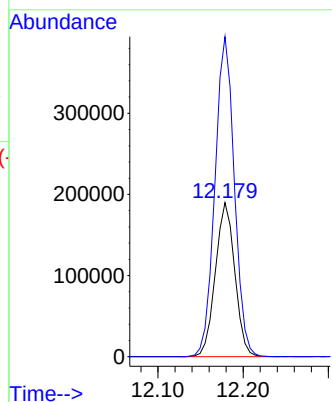
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050



Tgt Ion:106 Resp: 300579  
Ion Ratio Lower Upper  
106 100  
91 208.0 105.0 315.0

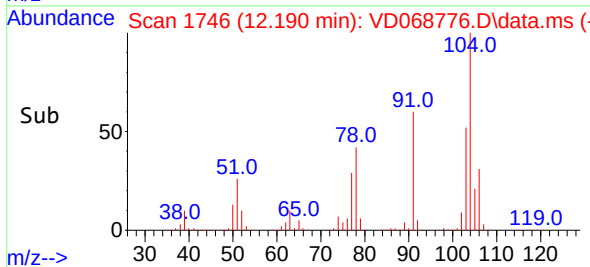
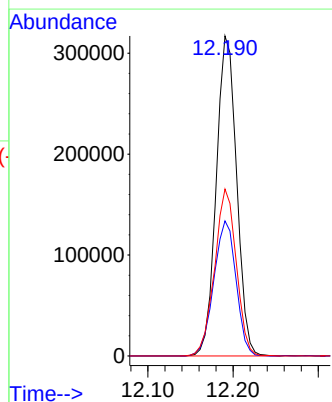
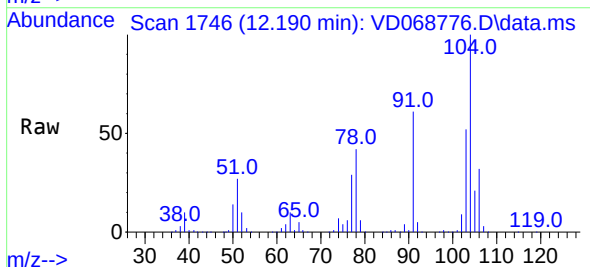
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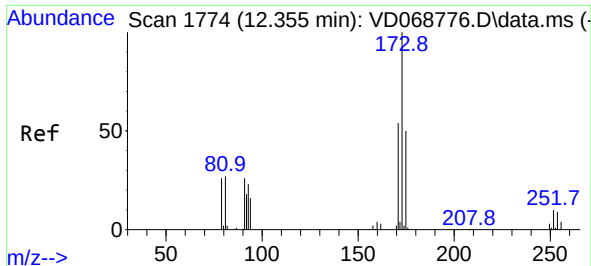
MMDadoda  
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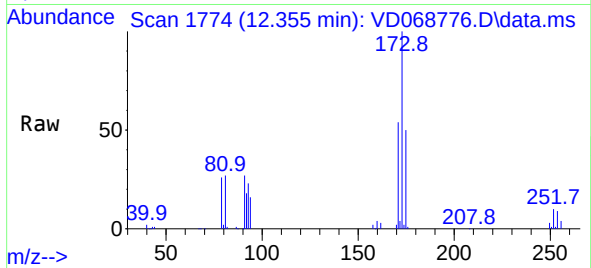
#70  
Styrene  
Concen: 56.29 ug/l  
RT: 12.190 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion:104 Resp: 527673  
Ion Ratio Lower Upper  
104 100  
78 46.1 36.9 55.3  
103 55.5 44.3 66.5

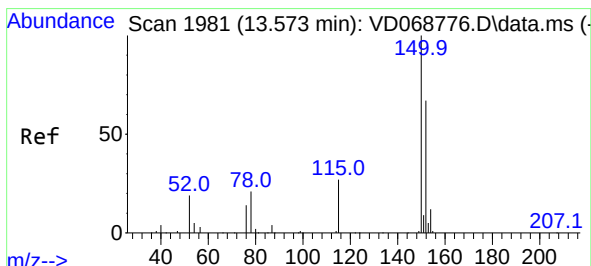
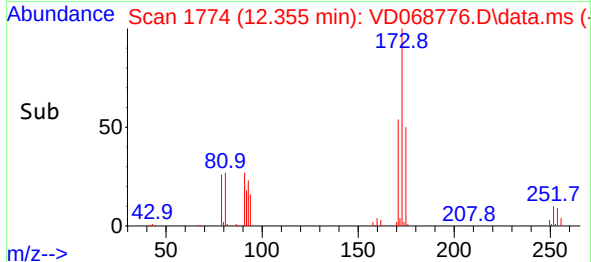
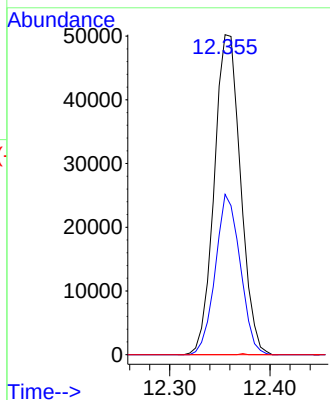




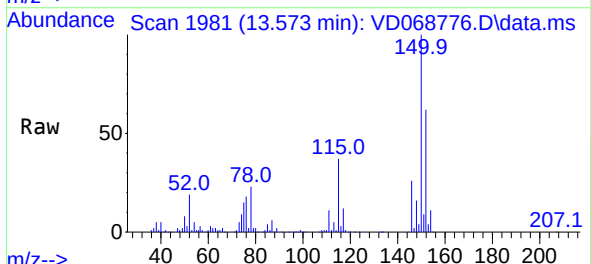
#71  
Bromoform  
Concen: 55.62 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



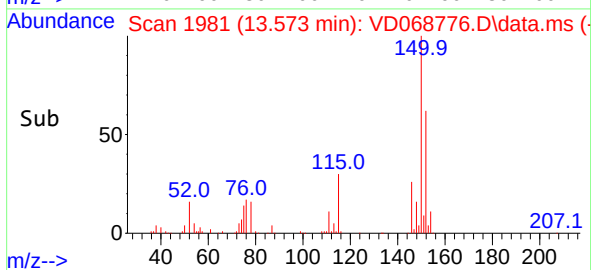
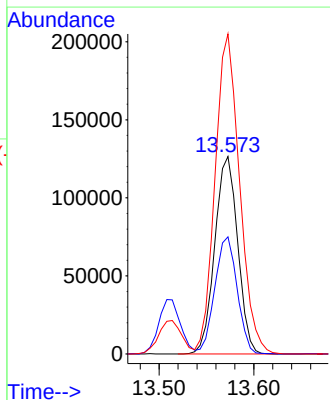
Tgt Ion:173 Resp: 91479  
Ion Ratio Lower Upper  
173 100  
175 47.4 23.6 71.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



Tgt Ion:152 Resp: 212645  
Ion Ratio Lower Upper  
152 100  
115 58.1 29.3 87.8  
150 173.5 0.0 347.6

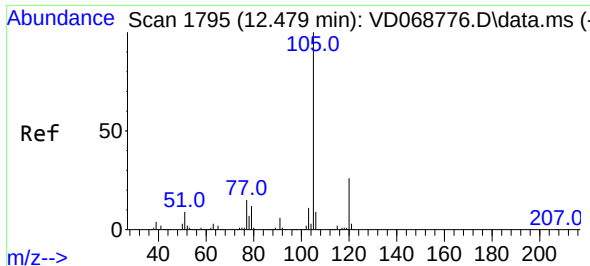


Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

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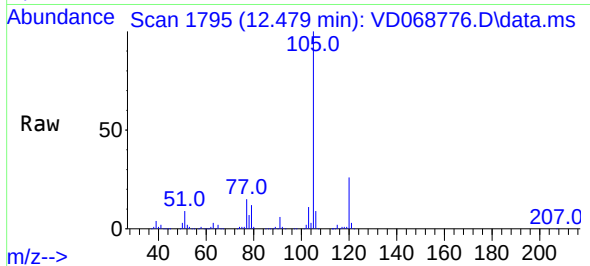
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#73  
Isopropylbenzene  
Concen: 54.22 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

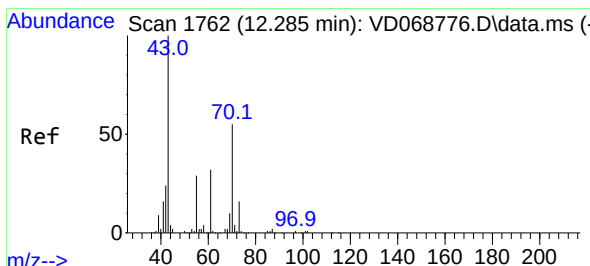
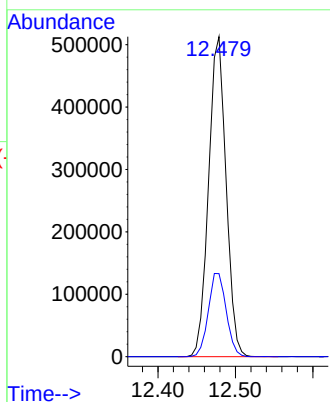
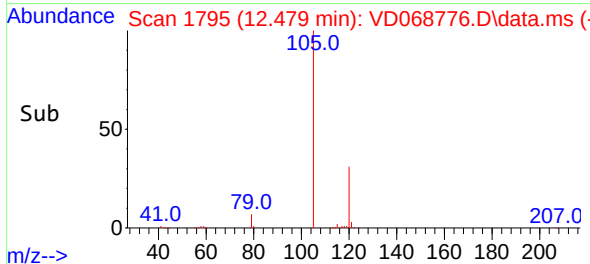
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ClientSampleId :  
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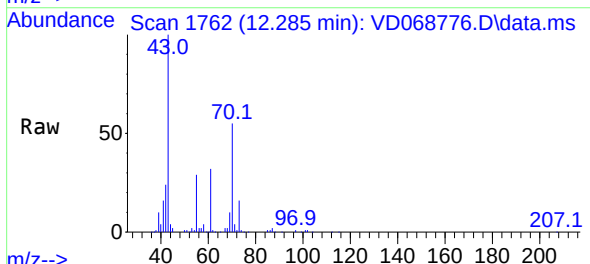
Tgt Ion:105 Resp: 803466  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.4 40.2

Manual Integrations  
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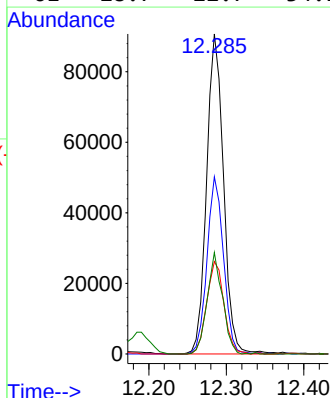
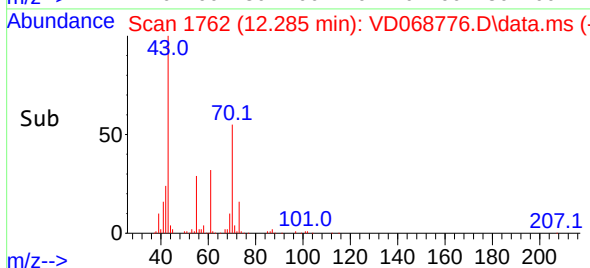
MMDadoda  
4/8/2021 3:08:15 PM

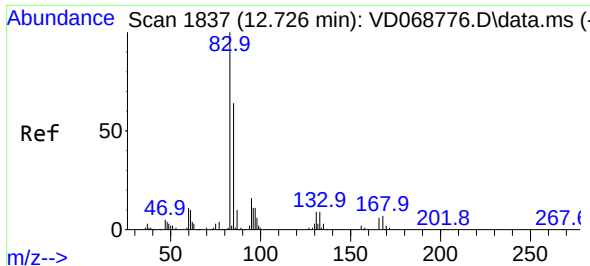


#74  
N-ethyl acetate  
Concen: 55.74 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



Tgt Ion: 43 Resp: 137750  
Ion Ratio Lower Upper  
43 100  
70 53.9 41.9 62.9  
55 29.5 22.8 34.2  
61 28.7 22.7 34.1





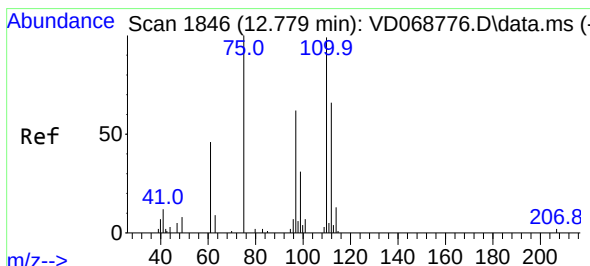
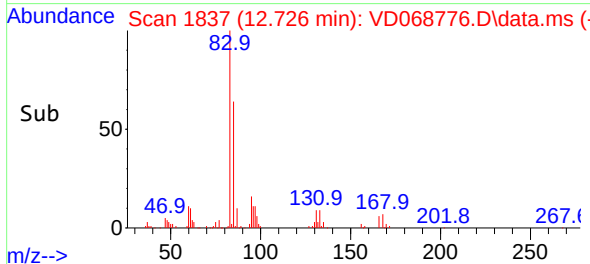
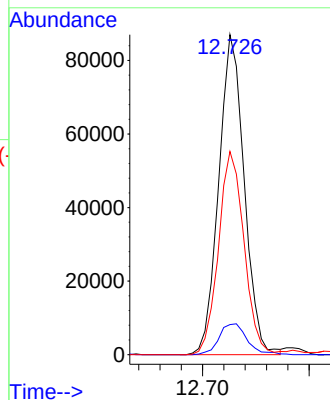
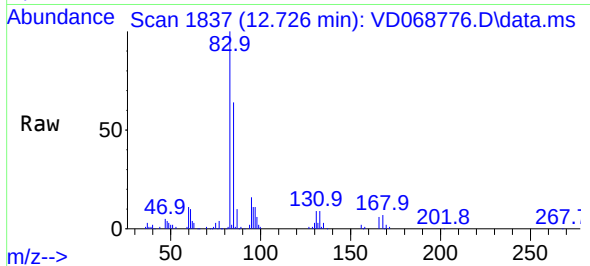
#75  
1,1,2,2-Tetrachloroethane  
Concen: 54.73 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 83 Resp: 144336  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.1 15.3  
85 64.0 32.0 96.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

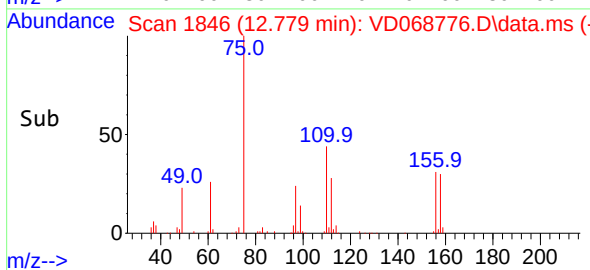
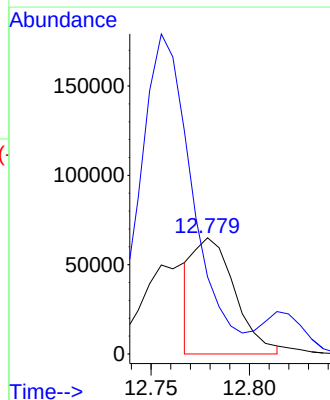
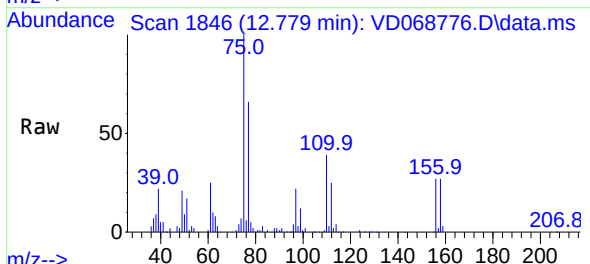
Manual Integrations  
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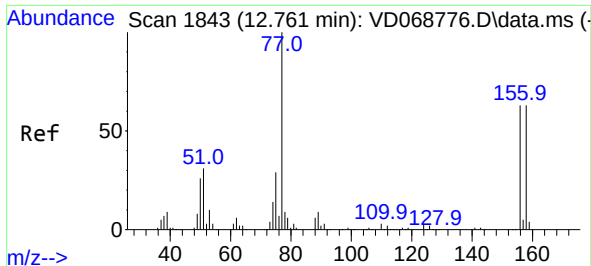
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#76  
1,2,3-Trichloropropane  
Concen: 52.81 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 75 Resp: 95524  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





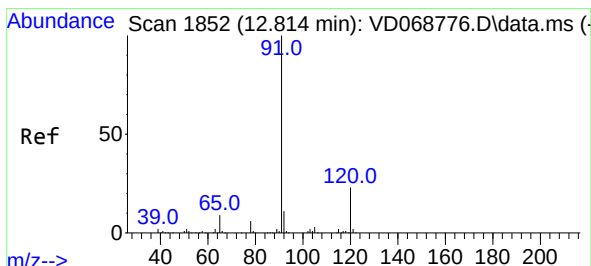
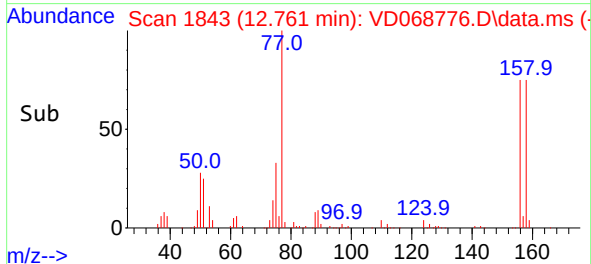
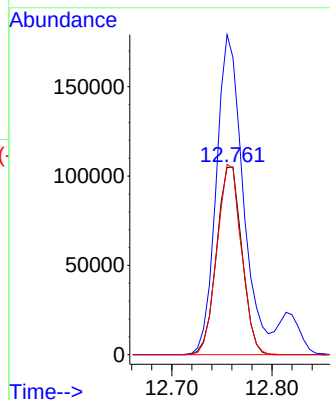
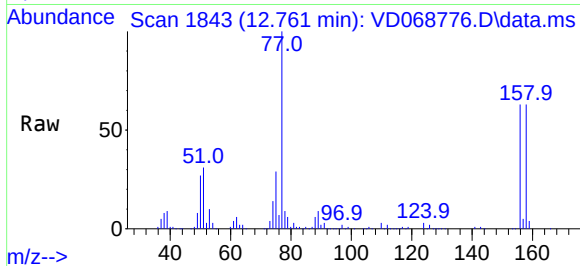
#77  
Bromobenzene  
Concen: 53.00 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion:156 Resp: 183512  
Ion Ratio Lower Upper  
156 100  
77 180.0 88.9 266.8  
158 98.8 47.7 143.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

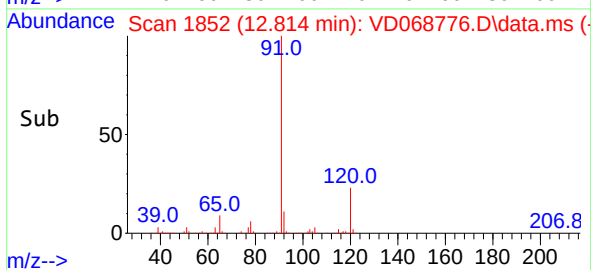
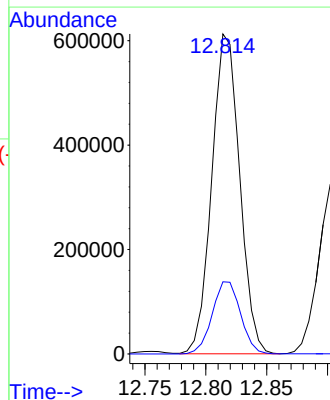
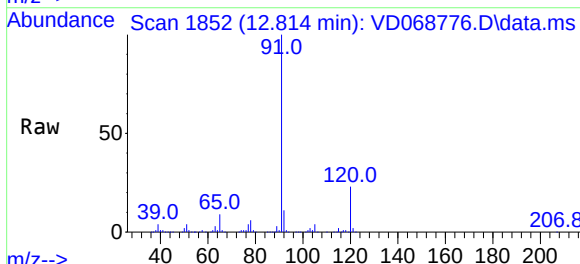
Manual Integrations  
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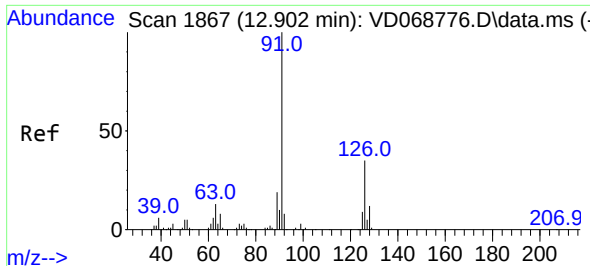
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#78  
n-propylbenzene  
Concen: 55.26 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 91 Resp: 976652  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.4 34.2





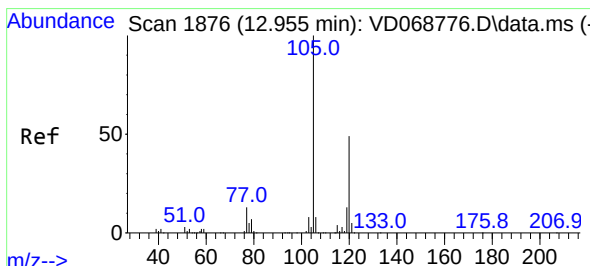
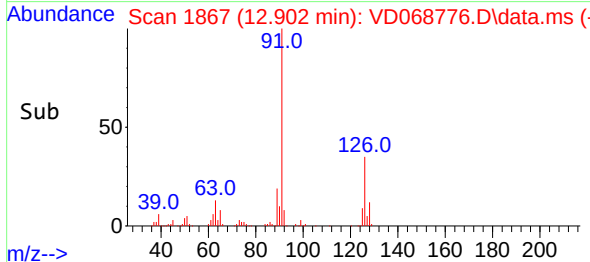
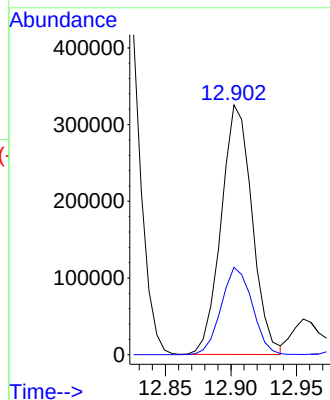
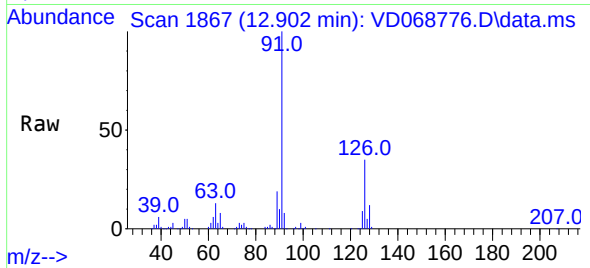
#79  
2-Chlorotoluene  
Concen: 55.23 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 91 Resp: 534842  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.1 51.3

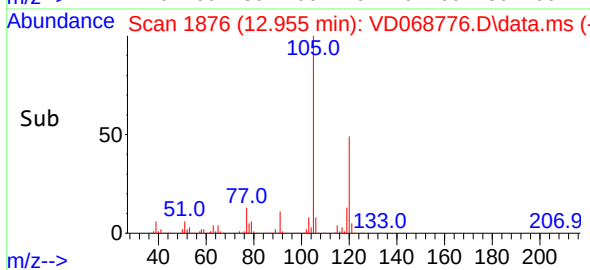
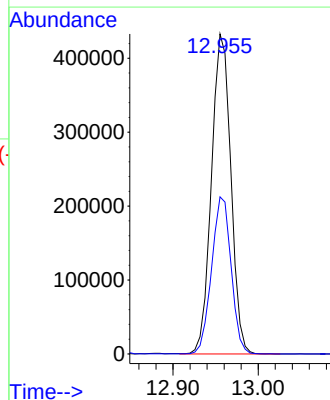
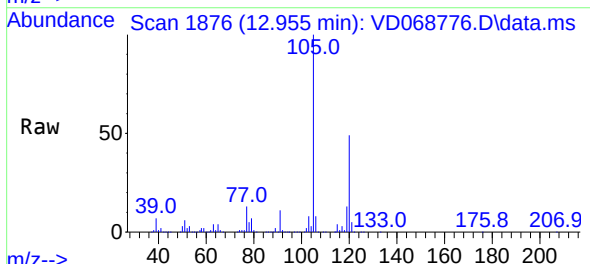
Manual Integrations  
APPROVED

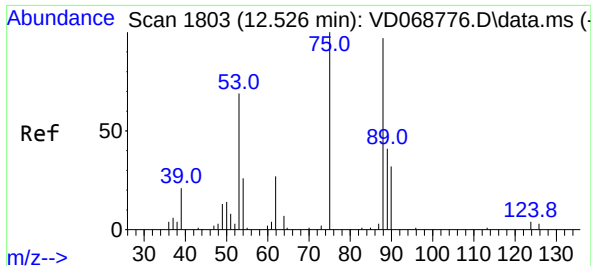
MMDadoda  
4/8/2021 3:08:15 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 56.59 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 105 Resp: 683548  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.9 74.7





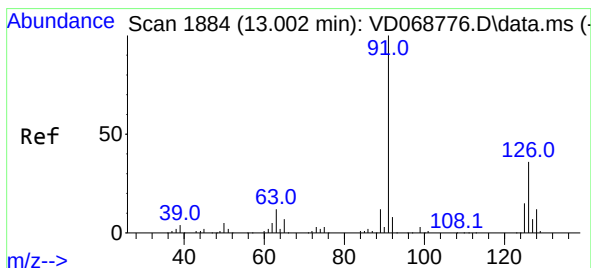
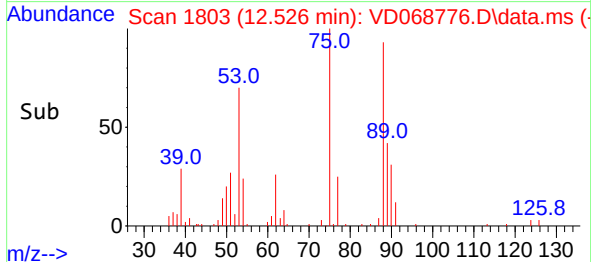
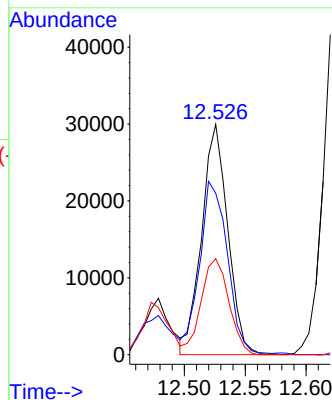
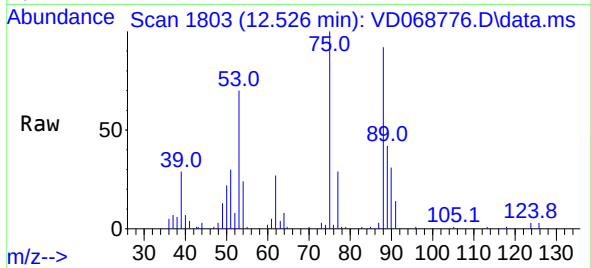
#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.43 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 75 Resp: 44685  
Ion Ratio Lower Upper  
75 100  
53 80.0 66.8 100.2  
89 44.4 36.6 54.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

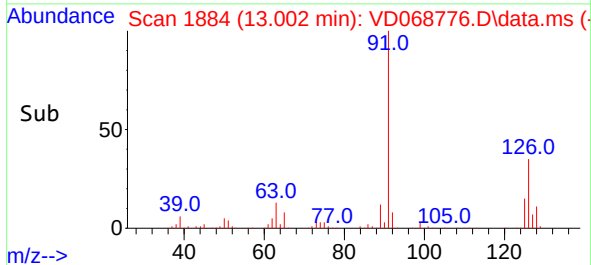
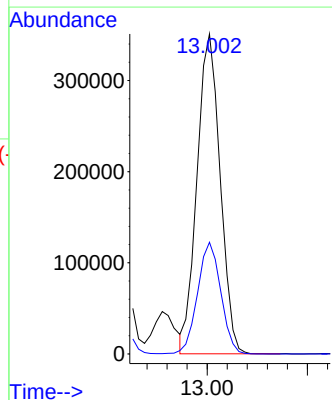
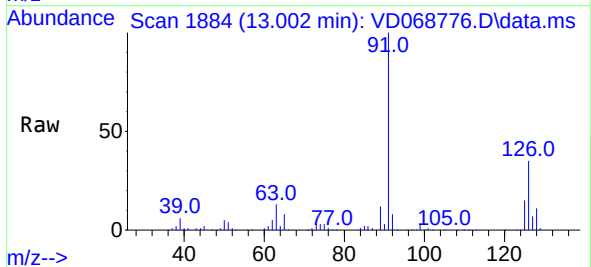
Manual Integrations  
APPROVED

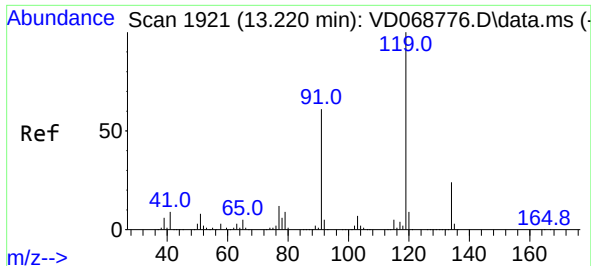
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4/8/2021 3:08:15 PM



#82  
4-Chlorotoluene  
Concen: 54.65 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion: 91 Resp: 562772  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.2 51.5





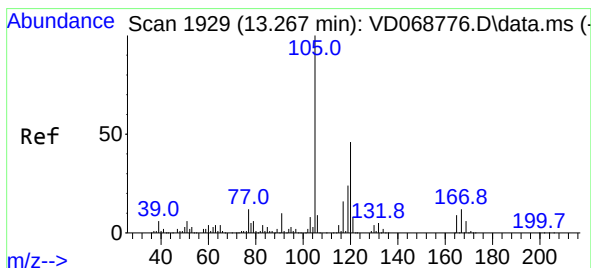
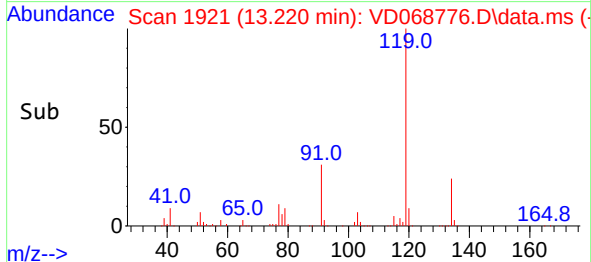
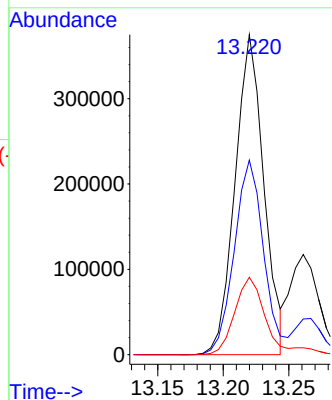
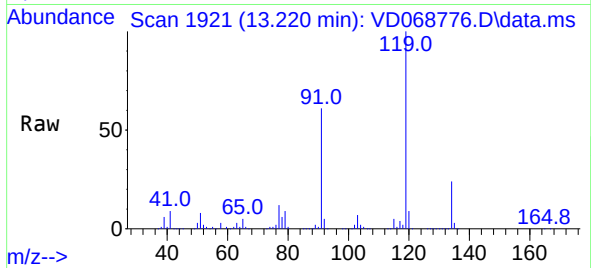
#83  
tert-Butylbenzene  
Concen: 55.93 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

Tgt Ion:119 Resp: 572733  
Ion Ratio Lower Upper  
119 100  
91 62.6 31.6 95.0  
134 26.5 13.4 40.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

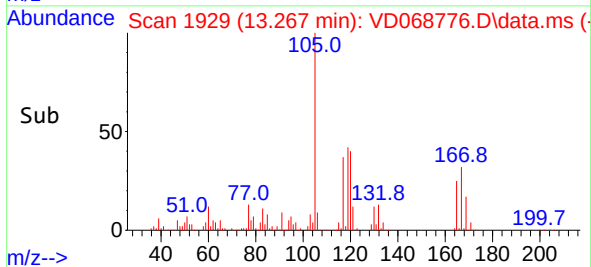
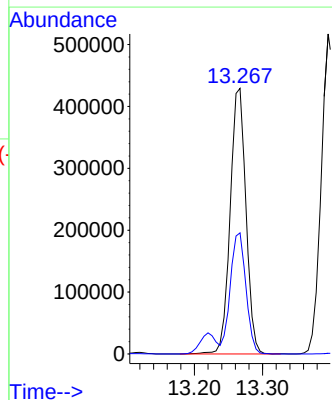
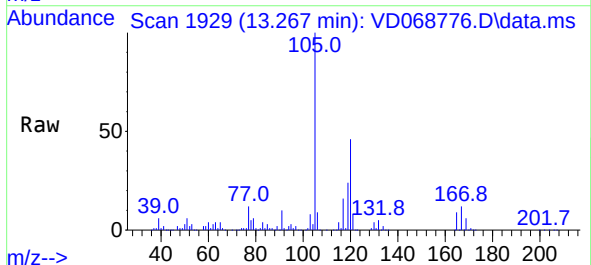
Manual Integrations  
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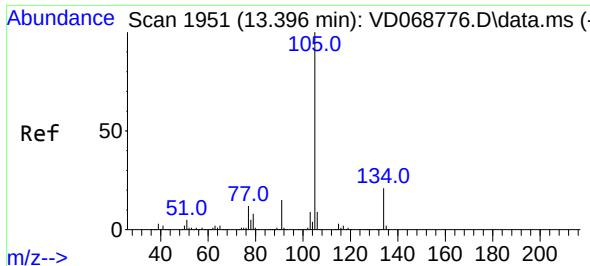
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#84  
1,2,4-Trimethylbenzene  
Concen: 55.77 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

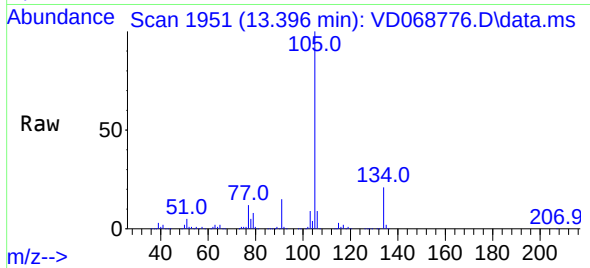
Tgt Ion:105 Resp: 690544  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.6 67.7





#85  
 sec-Butylbenzene  
 Concen: 55.00 ug/l  
 RT: 13.396 min Scan# 1951  
 Delta R.T. 0.000 min  
 Lab File: VD068776.D  
 Acq: 07 Apr 2021 11:38

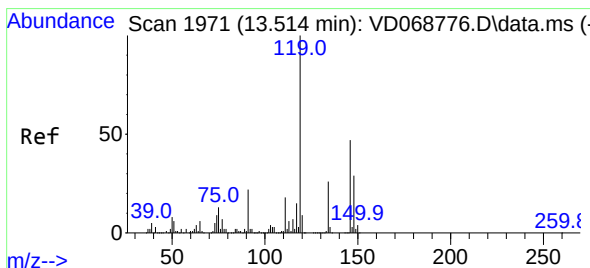
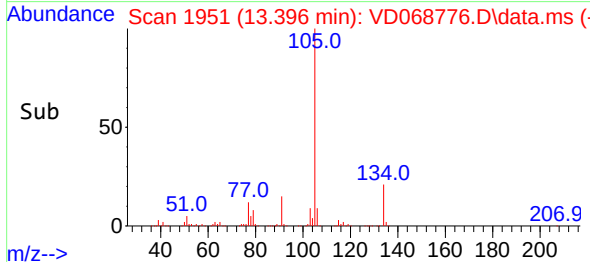
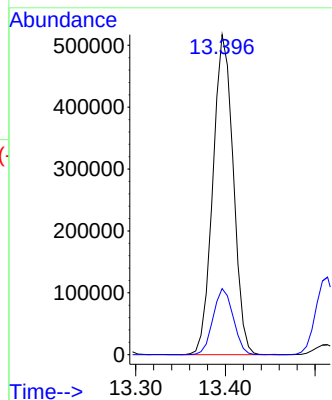
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICCC050



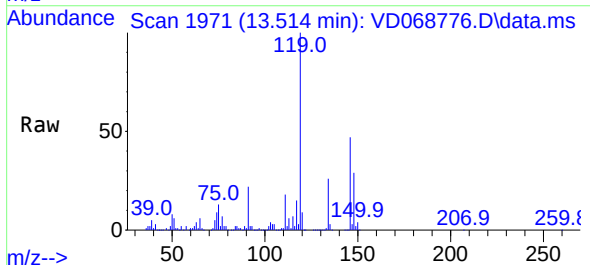
Tgt Ion:105 Resp: 815770  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.0 29.8

Manual Integrations  
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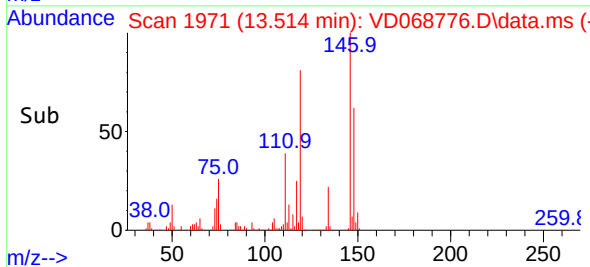
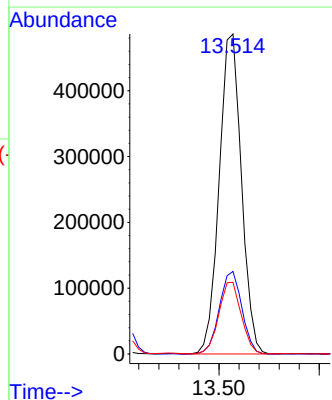
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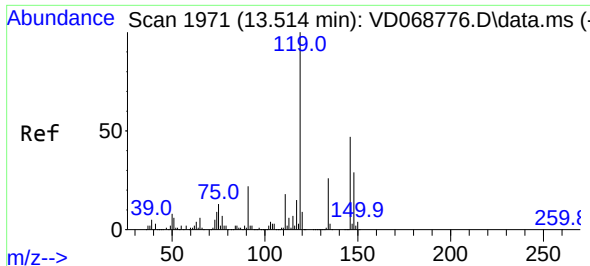


#86  
 p-Isopropyltoluene  
 Concen: 55.31 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. 0.000 min  
 Lab File: VD068776.D  
 Acq: 07 Apr 2021 11:38



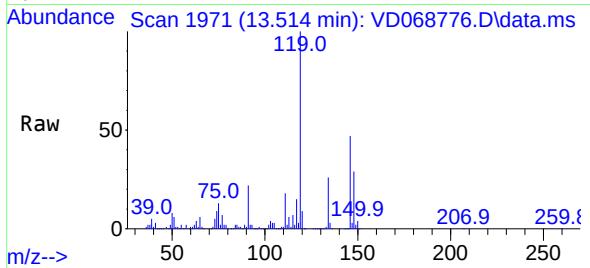
Tgt Ion:119 Resp: 746655  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.3 39.9  
 91 22.6 11.1 33.1





#87  
1,3-Dichlorobenzene  
Concen: 53.87 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

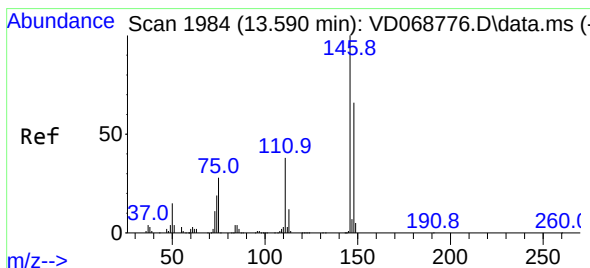
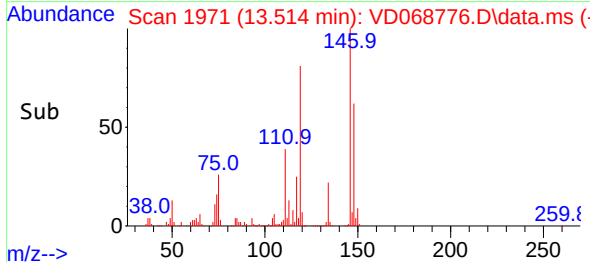
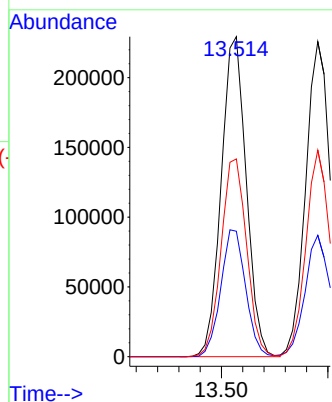
Instrument :  
MSVOA\_D  
ClientSampled :  
VSTDICCC050



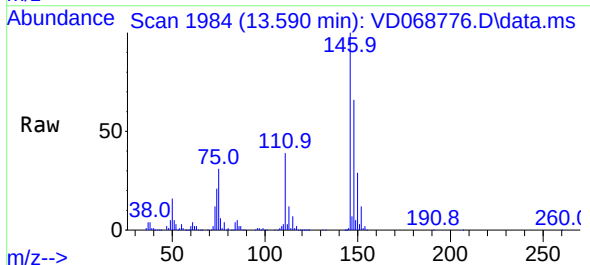
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 19.3  | 57.8  |
| 148     | 62.9  | 30.9  | 92.8  |

Manual Integrations  
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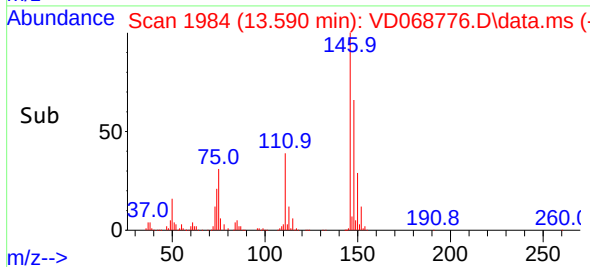
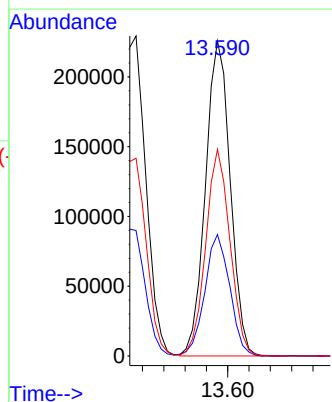
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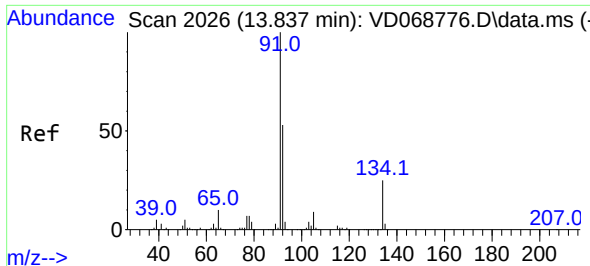
#88  
1,4-Dichlorobenzene  
Concen: 53.51 ug/l  
RT: 13.590 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.9  | 19.1  | 57.1  |
| 148     | 64.4  | 31.6  | 95.0  |

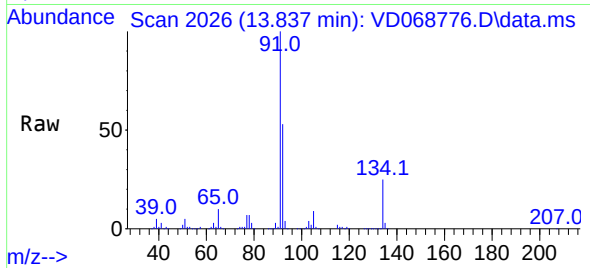






#89  
n-Butylbenzene  
Concen: 55.16 ug/l  
RT: 13.837 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

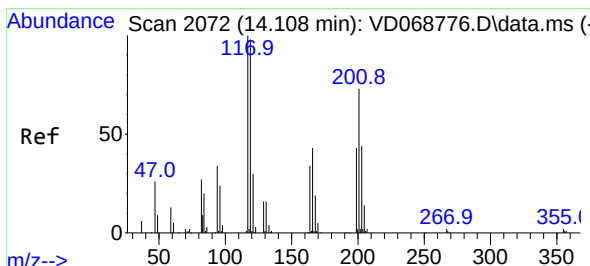
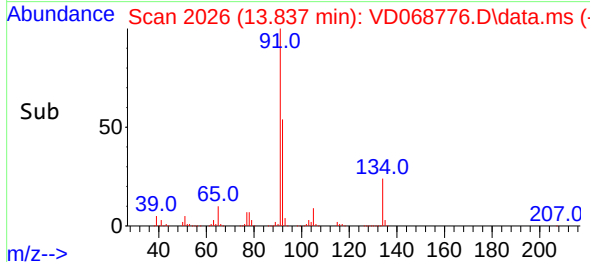
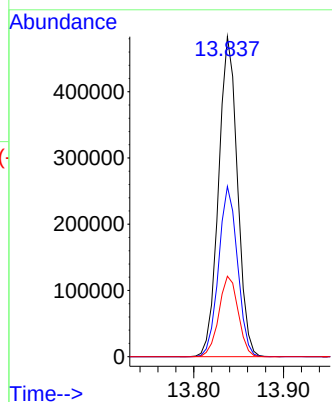
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 91 Resp: 705733  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.7 80.1  
134 25.7 12.9 38.6

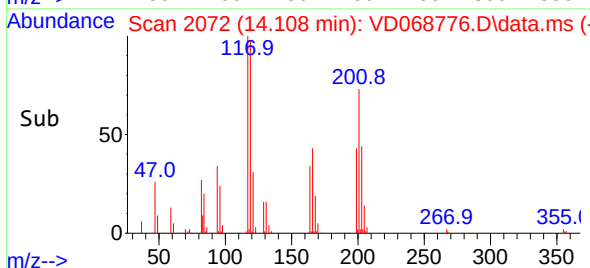
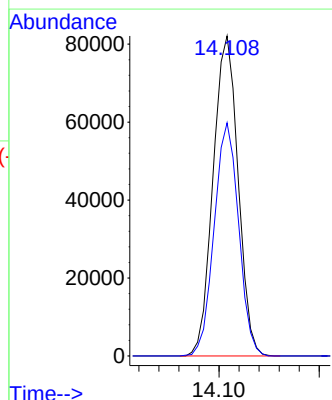
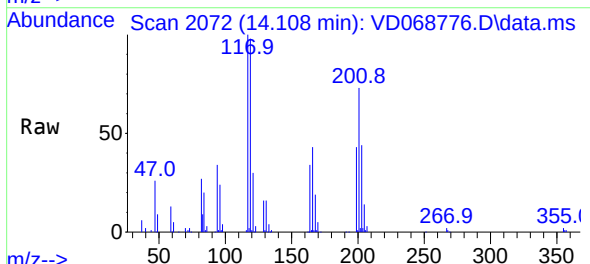
Manual Integrations  
APPROVED

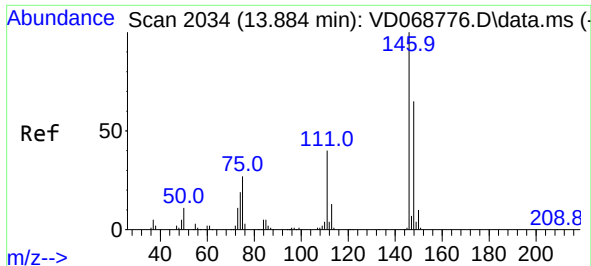
MMDadoda  
4/8/2021 3:08:15 PM



#90  
Hexachloroethane  
Concen: 56.26 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

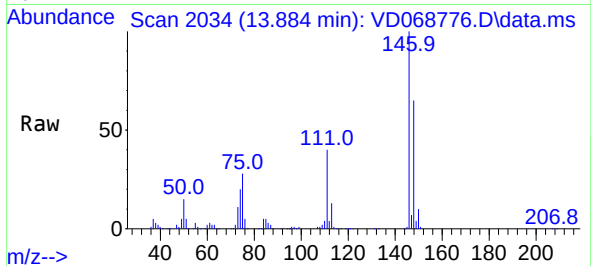
Tgt Ion: 117 Resp: 141760  
Ion Ratio Lower Upper  
117 100  
201 71.3 35.4 106.2





#91  
1,2-Dichlorobenzene  
Concen: 54.60 ug/l  
RT: 13.884 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

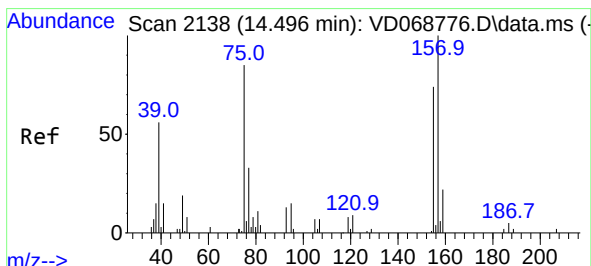
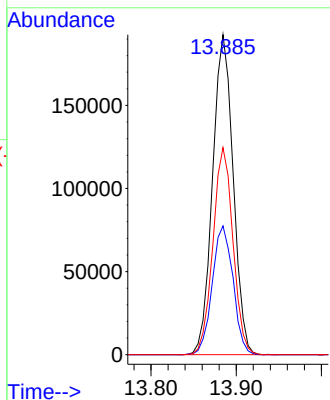
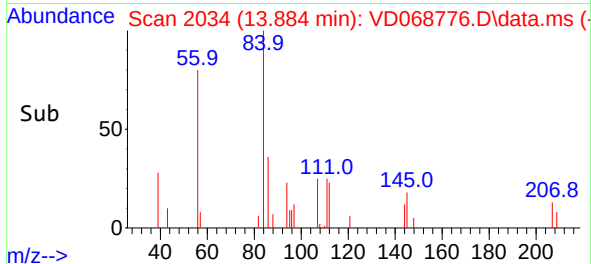
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050



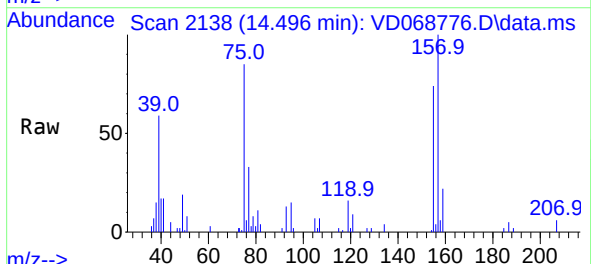
Tgt Ion:146 Resp: 323070  
Ion Ratio Lower Upper  
146 100  
111 40.6 20.3 60.9  
148 63.1 32.2 96.6

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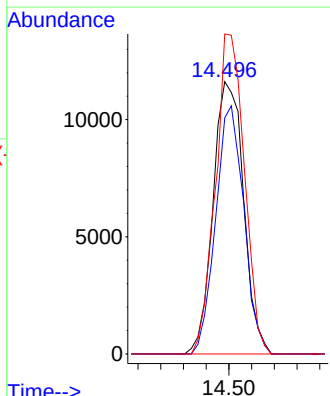
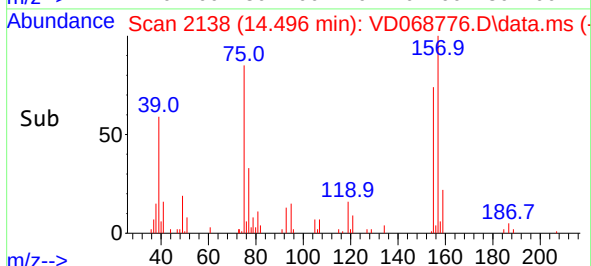
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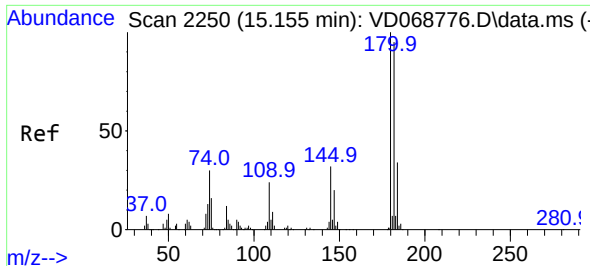


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 57.13 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

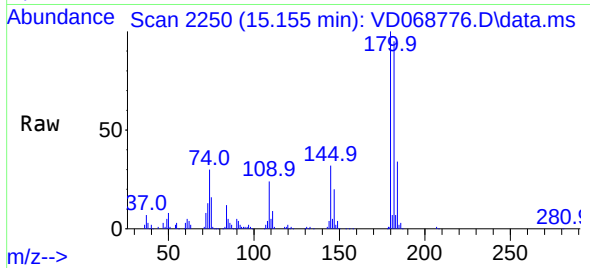


Tgt Ion: 75 Resp: 21598  
Ion Ratio Lower Upper  
75 100  
155 84.5 46.8 140.3  
157 111.8 59.8 179.3

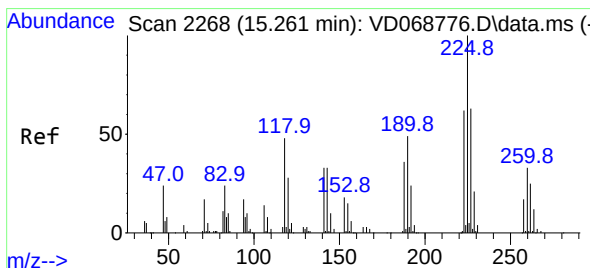
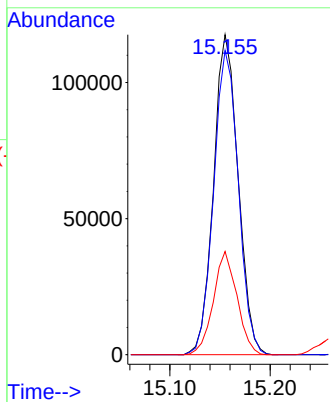
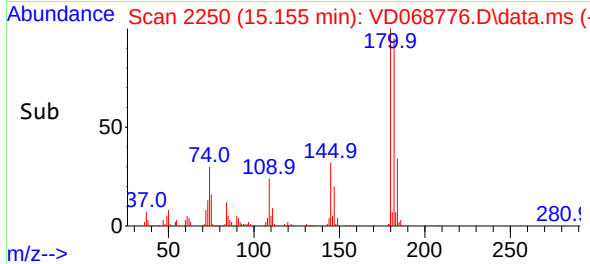




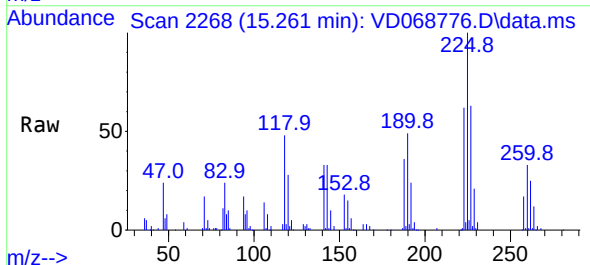
#93  
1,2,4-Trichlorobenzene  
Concen: 52.51 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



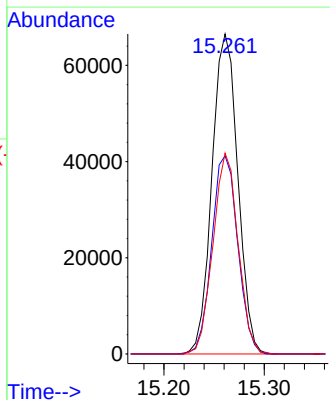
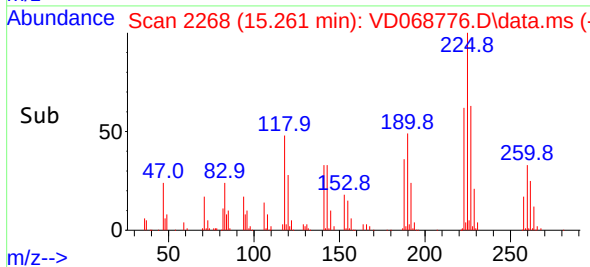
Tgt Ion:180 Resp: 200141  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.9 143.8  
145 31.0 15.2 45.6



#94  
Hexachlorobutadiene  
Concen: 54.38 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



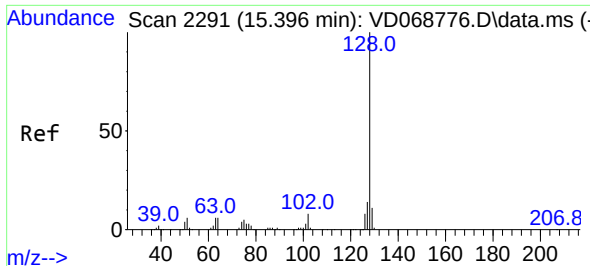
Tgt Ion:225 Resp: 118686  
Ion Ratio Lower Upper  
225 100  
223 62.5 30.6 91.6  
227 61.1 31.4 94.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050

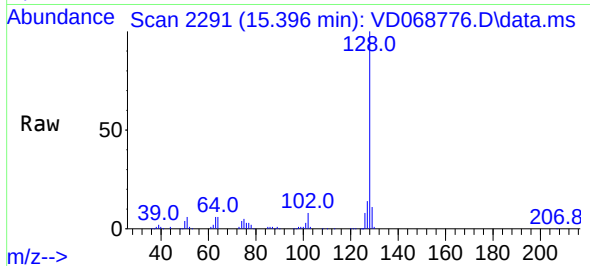
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#95  
Naphthalene  
Concen: 55.59 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38

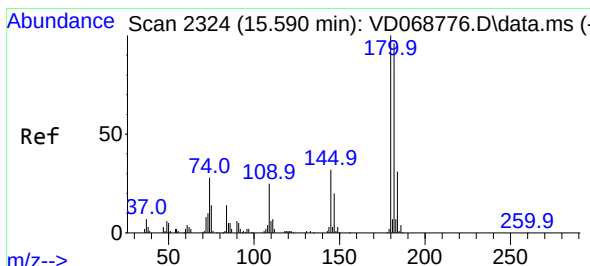
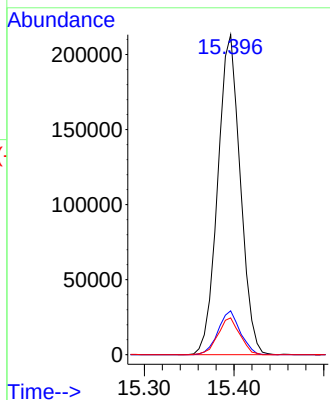
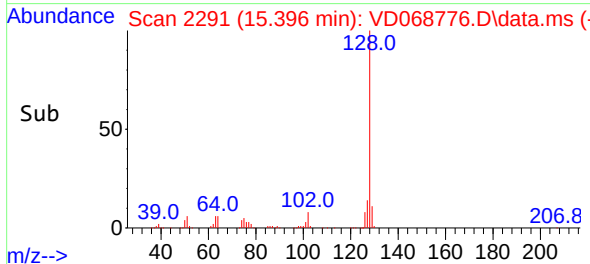
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICCC050



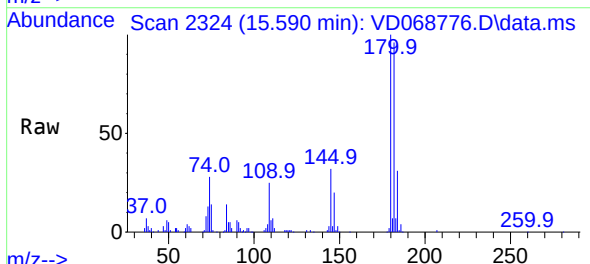
Tgt Ion:128 Resp: 371677  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.2 15.4  
129 11.2 8.9 13.3

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 55.03 ug/l  
RT: 15.590 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VD068776.D  
Acq: 07 Apr 2021 11:38



Tgt Ion:180 Resp: 179062  
Ion Ratio Lower Upper  
180 100  
182 95.2 46.5 139.3  
145 31.6 15.8 47.4

