

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW010721\  
 Data File : VW017799.D  
 Acq On : 07 Jan 2021 14:03  
 Operator : SY/VA  
 Sample : VSTDIC100  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

Manual Integrations  
 APPROVED

MMDadoda  
 1/8/2021 2:31:24 PM

Quant Time: Jan 08 05:02:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W010721S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 08 04:59:43 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Pentafluorobenzene        | 7.952  | 168  | 188975   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.842  | 114  | 342696   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 11.634 | 117  | 309793   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.560 | 152  | 156459   | 50.00  | ug/l    | 0.00     |
|                              |        |      |          |        |         |          |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 8.305  | 65   | 215603   | 89.96  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 179.92% |          |
| 35) Dibromofluoromethane     | 7.885  | 113  | 206518   | 90.47  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 180.94% |          |
| 50) Toluene-d8               | 10.323 | 98   | 810362   | 91.46  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 182.92% |          |
| 62) 4-Bromofluorobenzene     | 12.615 | 95   | 288015   | 90.32  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 180.64% |          |
|                              |        |      |          |        |         |          |
| Target Compounds             |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.008  | 85   | 144625   | 91.98  | ug/l    | 97       |
| 3) Chloromethane             | 2.215  | 50   | 146482   | 84.79  | ug/l    | 98       |
| 4) Vinyl Chloride            | 2.367  | 62   | 238839   | 90.01  | ug/l    | 94       |
| 5) Bromomethane              | 2.770  | 94   | 246220   | 84.51  | ug/l    | 93       |
| 6) Chloroethane              | 2.916  | 64   | 164821   | 86.73  | ug/l    | 96       |
| 7) Trichlorofluoromethane    | 3.257  | 101  | 183081   | 97.90  | ug/l    | 100      |
| 8) Diethyl Ether             | 3.684  | 74   | 91907    | 96.47  | ug/l    | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.068  | 101  | 187941   | 88.16  | ug/l    | 99       |
| 10) Methyl Iodide            | 4.275  | 142  | 267684   | 94.08  | ug/l    | 99       |
| 11) Tert butyl alcohol       | 5.184  | 59   | 52281    | 378.91 | ug/l    | 99       |
| 12) 1,1-Dichloroethene       | 4.044  | 96   | 190072   | 93.58  | ug/l    | 97       |
| 13) Acrolein                 | 3.891  | 56   | 72104    | 456.85 | ug/l    | 100      |
| 14) Allyl chloride           | 4.672  | 41   | 270152   | 95.57  | ug/l    | 99       |
| 15) Acrylonitrile            | 5.361  | 53   | 212102   | 477.26 | ug/l    | 99       |
| 16) Acetone                  | 4.123  | 43   | 203180   | 484.11 | ug/l    | 95       |
| 17) Carbon Disulfide         | 4.385  | 76   | 554899   | 92.31  | ug/l    | 98       |
| 18) Methyl Acetate           | 4.666  | 43   | 88559    | 86.85  | ug/l    | 98       |
| 19) Methyl tert-butyl Ether  | 5.428  | 73   | 253381   | 90.54  | ug/l    | 100      |
| 20) Methylene Chloride       | 4.922  | 84   | 205133   | 77.52  | ug/l    | 97       |
| 21) trans-1,2-Dichloroethene | 5.422  | 96   | 223178   | 92.20  | ug/l    | 96       |
| 22) Diisopropyl ether        | 6.312  | 45   | 558198   | 96.32  | ug/l    | 98       |
| 23) Vinyl Acetate            | 6.257  | 43   | 1858216  | 508.92 | ug/l    | 99       |
| 24) 1,1-Dichloroethane       | 6.214  | 63   | 381446   | 93.93  | ug/l    | 98       |
| 25) 2-Butanone               | 7.171  | 43   | 273354   | 468.30 | ug/l    | 99       |
| 26) 2,2-Dichloropropane      | 7.165  | 77   | 219996   | 92.37  | ug/l    | 100      |
| 27) cis-1,2-Dichloroethene   | 7.165  | 96   | 245259   | 96.53  | ug/l    | 98       |
| 28) Bromochloromethane       | 7.513  | 49   | 168369   | 102.13 | ug/l    | 94       |
| 29) Tetrahydrofuran          | 7.531  | 42   | 175312   | 476.48 | ug/l    | 98       |
| 30) Chloroform               | 7.677  | 83   | 418931   | 96.31  | ug/l    | 95       |
| 31) Cyclohexane              | 7.958  | 56   | 344610   | 83.92  | ug/l    | 98       |
| 32) 1,1,1-Trichloroethane    | 7.872  | 97   | 348734   | 97.40  | ug/l    | 98       |
| 36) 1,1-Dichloropropene      | 8.080  | 75   | 336408   | 88.99  | ug/l    | 99       |
| 37) Ethyl Acetate            | 7.250  | 43   | 126987   | 87.69  | ug/l    | 99       |
| 38) Carbon Tetrachloride     | 8.067  | 117  | 336083   | 95.37  | ug/l    | 96       |
| 39) Methylcyclohexane        | 9.335  | 83   | 424118   | 92.87  | ug/l    | 97       |
| 40) Benzene                  | 8.323  | 78   | 903063   | 90.71  | ug/l    | 97       |

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 Sample : VSTDIC100  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

Manual Integrations  
 APPROVED

MMDadoda  
 1/8/2021 2:31:24 PM

Quant Time: Jan 08 05:02:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W010721S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 08 04:59:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 72240    | 87.14   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 272228   | 86.75   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.421  | 43   | 244512   | 96.03   | ug/l   | 99       |
| 44) Trichloroethene           | 9.092  | 130  | 252702   | 93.39   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.372  | 63   | 214449   | 91.50   | ug/l   | 99       |
| 46) Dibromomethane            | 9.457  | 93   | 129764   | 93.07   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.646  | 83   | 320570   | 94.78   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.433  | 41   | 124420   | 94.01   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.451  | 88   | 30900    | 1893.97 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.207 | 43   | 616657   | 468.42  | ug/l   | 98       |
| 52) Toluene                   | 10.390 | 92   | 615729   | 94.28   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.604 | 75   | 312836   | 105.21  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 363279   | 100.32  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 170008   | 90.40   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 211112   | 101.44  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 297230   | 91.36   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 492028   | 465.02  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.969 | 43   | 421050   | 486.95  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.128 | 129  | 218069   | 104.85  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 174188   | 96.70   | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.860 | 164  | 197307   | 90.82   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.658 | 112  | 650455   | 93.92   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 228325   | 100.89  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.731 | 91   | 1188732  | 93.84   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.841 | 106  | 925458   | 193.45  | ug/l   | 99       |
| 69) o-Xylene                  | 12.164 | 106  | 426609   | 97.20   | ug/l   | 99       |
| 70) Styrene                   | 12.183 | 104  | 727845   | 99.94   | ug/l   | 99       |
| 71) Bromoform                 | 12.347 | 173  | 117923   | 112.05  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.463 | 105  | 1166570  | 94.03   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.274 | 43   | 215424   | 101.26  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 196123   | 90.79   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 126118m  | 86.42   | ug/l   |          |
| 77) Bromobenzene              | 12.749 | 156  | 253992   | 95.08   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.804 | 91   | 1404626  | 93.41   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 765872   | 92.37   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 983005   | 95.12   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 59986    | 117.98  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 819365   | 91.55   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 859239   | 96.37   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 978854   | 93.02   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.384 | 105  | 1182483  | 93.05   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.499 | 119  | 1086480  | 94.17   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 512955   | 94.11   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 487482   | 87.62   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.822 | 91   | 1040908  | 90.40   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.091 | 117  | 199878   | 106.74  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 448869   | 93.91   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 32933    | 89.38   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 287284   | 91.95   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.237 | 225  | 162044   | 93.78   | ug/l   | 97       |
| 95) Naphthalene               | 15.365 | 128  | 588713   | 100.07  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 250664   | 93.96   | ug/l   | 99       |

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 Sample : VSTDICC100  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampleId :**  
 VSTDICC100

**Manual Integrations**  
**APPROVED**

MMDadoda  
 1/8/2021 2:31:24 PM

Quant Time: Jan 08 05:02:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W010721S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 08 04:59:43 2021  
 Response via : Initial Calibration

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

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

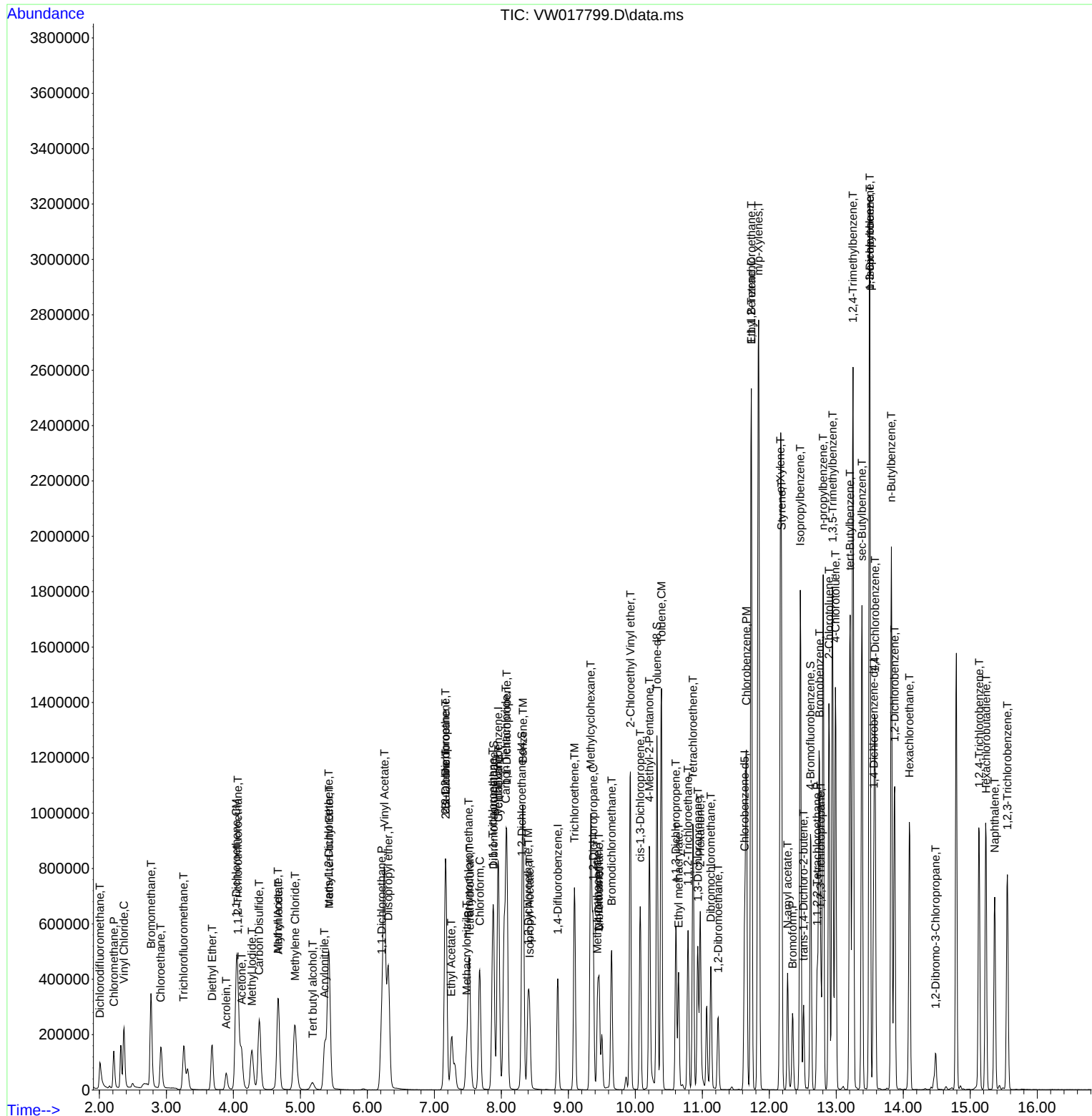
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 Data File : VW017799.D  
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 Operator : SY/VA  
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 ALS Vial : 7 Sample Multiplier: 1

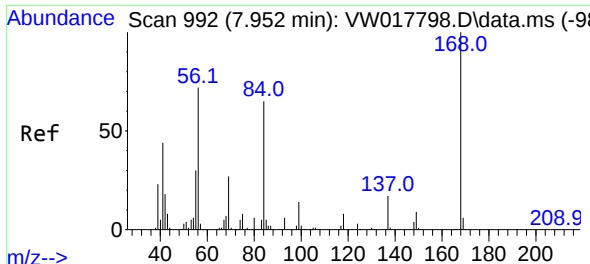
Instrument :  
 MSVOA\_W  
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 VSTDIC100

Manual Integrations  
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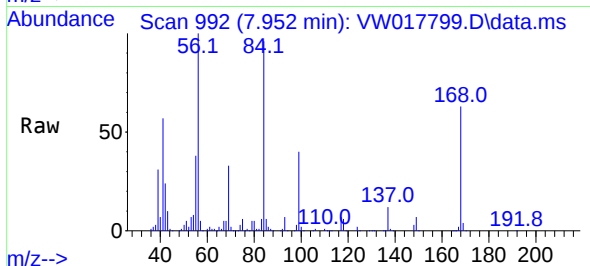
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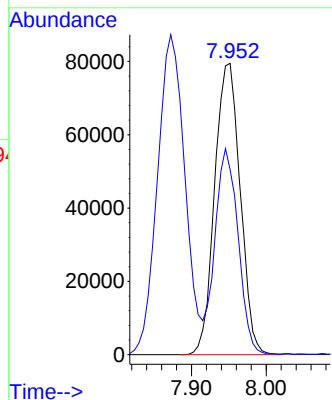
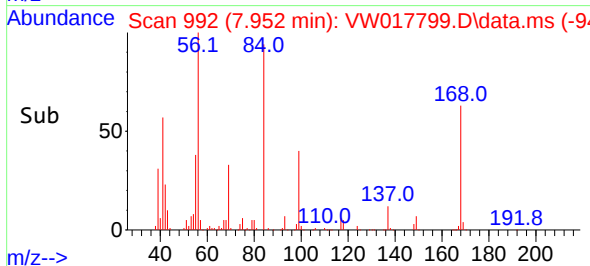




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.952 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



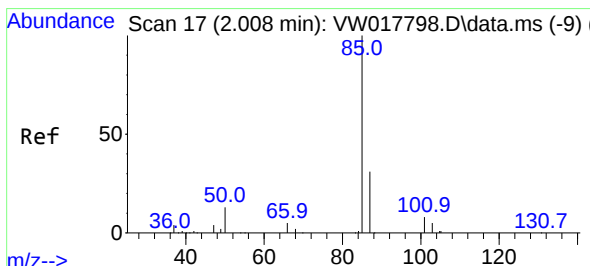
Tgt Ion:168 Resp: 188975  
Ion Ratio Lower Upper  
168 100  
99 63.4 48.1 72.1



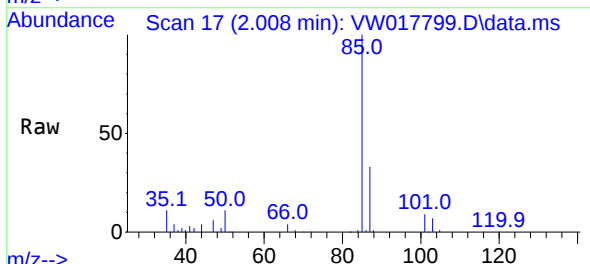
Instrument :  
MSVOA\_W  
ClientSampleId :  
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Manual Integrations  
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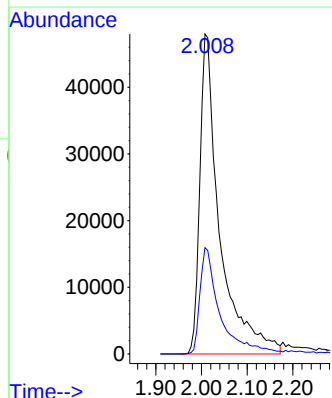
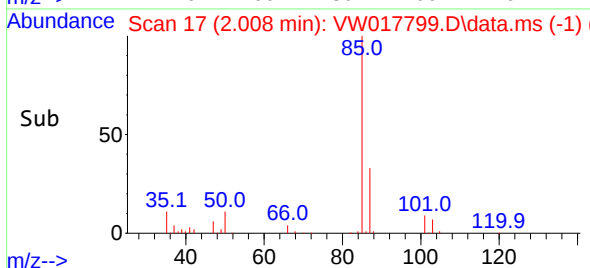
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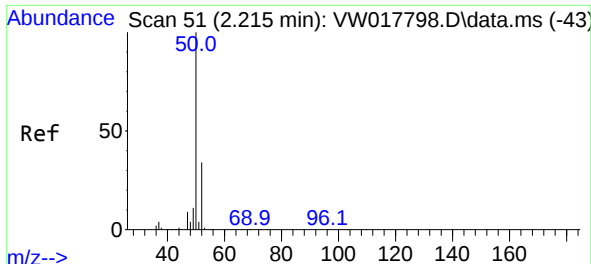


#2  
Dichlorodifluoromethane  
Concen: 91.98 ug/l  
RT: 2.008 min Scan# 17  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



Tgt Ion: 85 Resp: 144625  
Ion Ratio Lower Upper  
85 100  
87 33.2 15.7 47.1





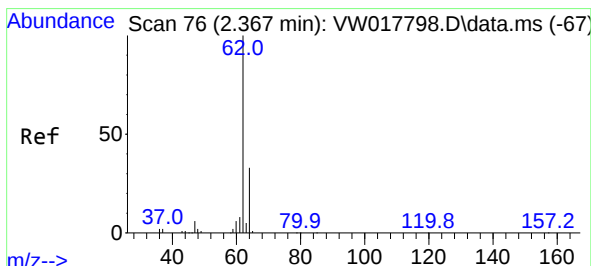
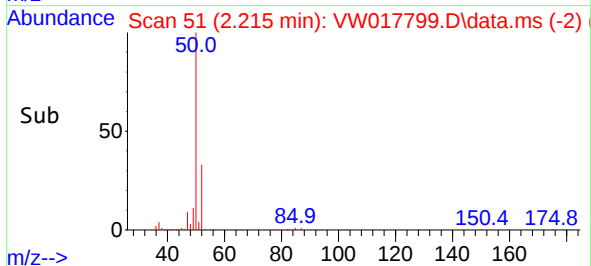
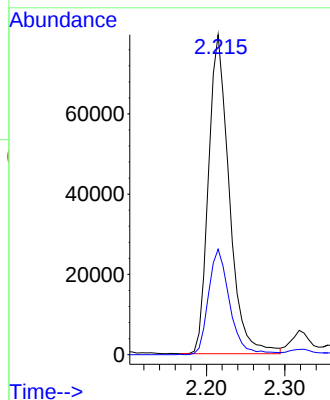
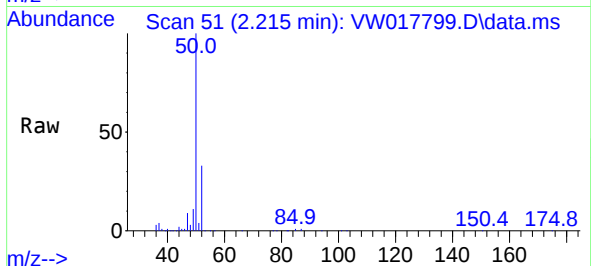
#3  
Chloromethane  
Concen: 84.79 ug/l  
RT: 2.215 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 50 Resp: 146482  
Ion Ratio Lower Upper  
50 100  
52 33.0 27.4 41.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
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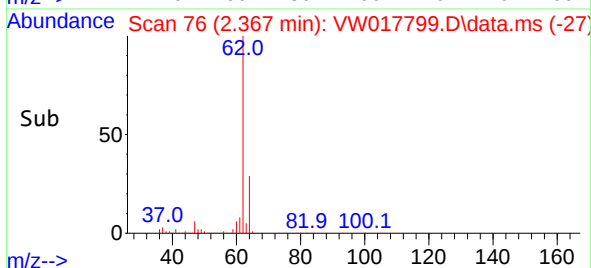
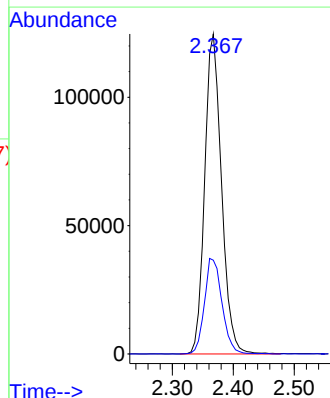
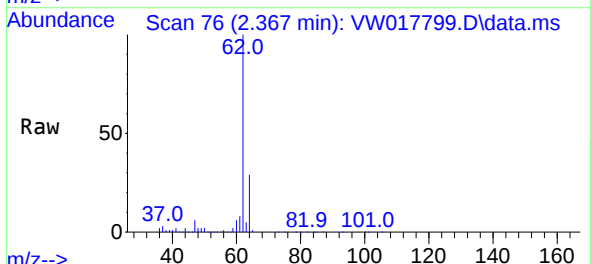
Manual Integrations  
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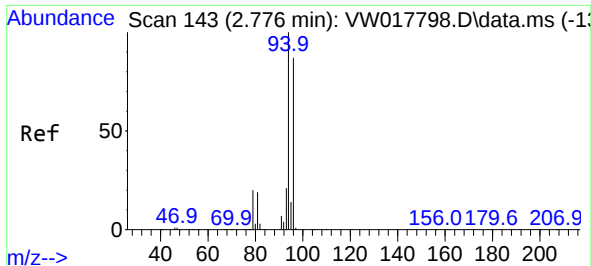
MMDadoda  
1/8/2021 2:31:24 PM



#4  
Vinyl Chloride  
Concen: 90.01 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

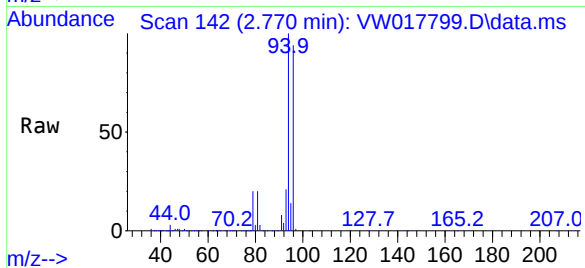
Tgt Ion: 62 Resp: 238839  
Ion Ratio Lower Upper  
62 100  
64 29.3 26.3 39.5





#5  
Bromomethane  
Concen: 84.51 ug/l  
RT: 2.770 min Scan# 142  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

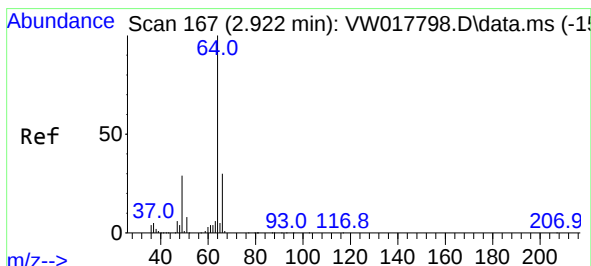
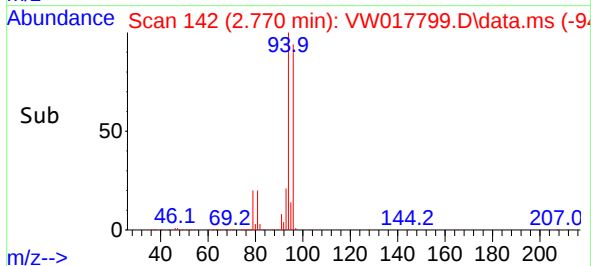
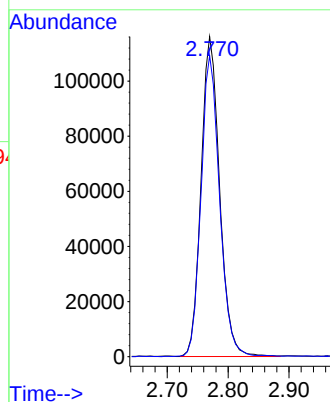
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100



Tgt Ion: 94 Resp: 246220  
Ion Ratio Lower Upper  
94 100  
96 93.9 70.0 105.0

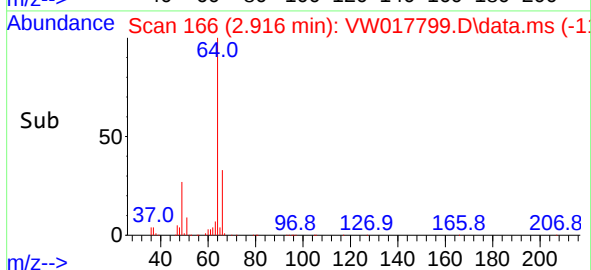
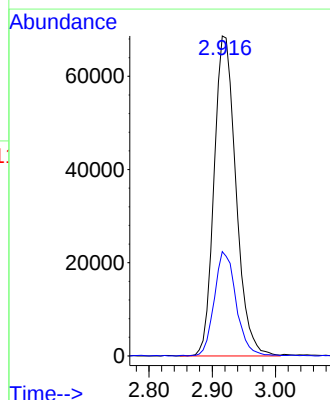
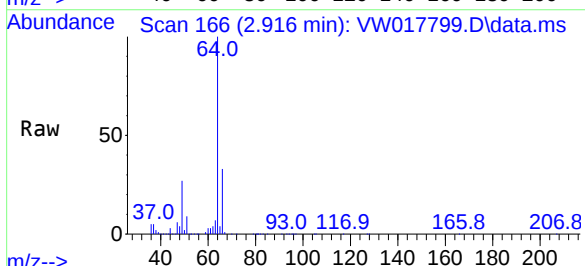
Manual Integrations  
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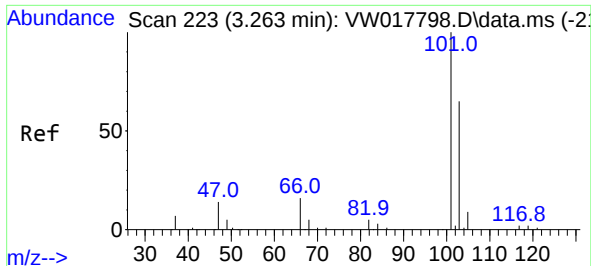
MMDadoda  
1/8/2021 2:31:24 PM



#6  
Chloroethane  
Concen: 86.73 ug/l  
RT: 2.916 min Scan# 166  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

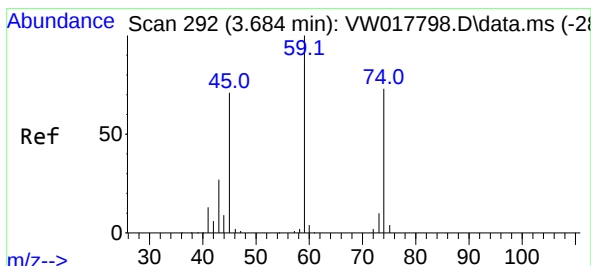
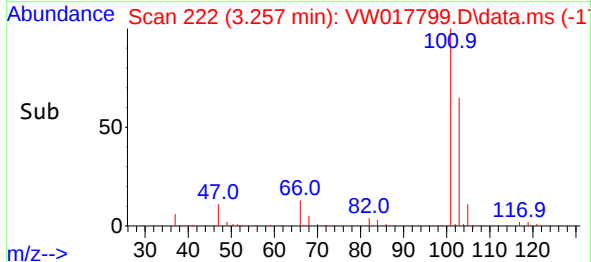
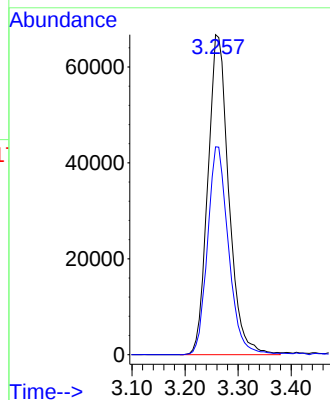
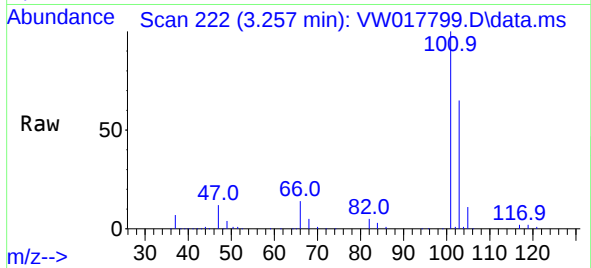
Tgt Ion: 64 Resp: 164821  
Ion Ratio Lower Upper  
64 100  
66 32.4 24.3 36.5





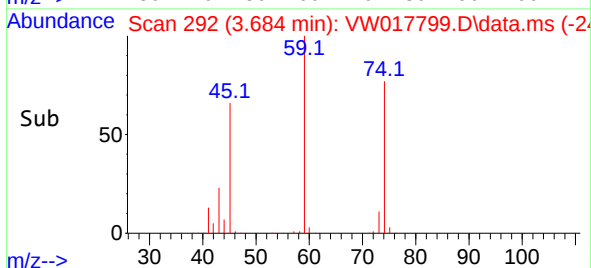
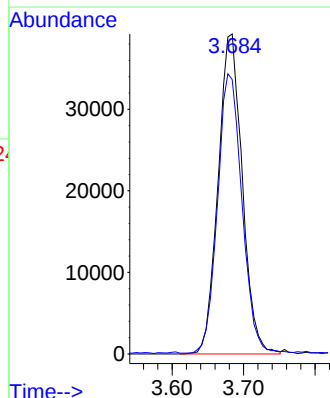
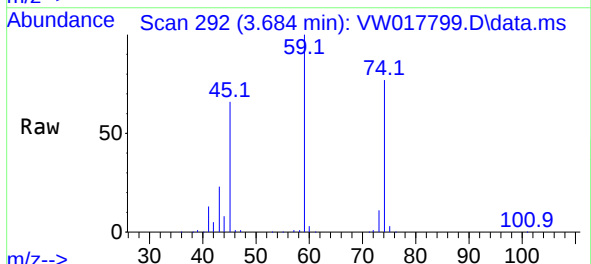
#7  
Trichlorofluoromethane  
Concen: 97.90 ug/l  
RT: 3.257 min Scan# 222  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:101 Resp: 183081  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.8 77.6



#8  
Diethyl Ether  
Concen: 96.47 ug/l  
RT: 3.684 min Scan# 292  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

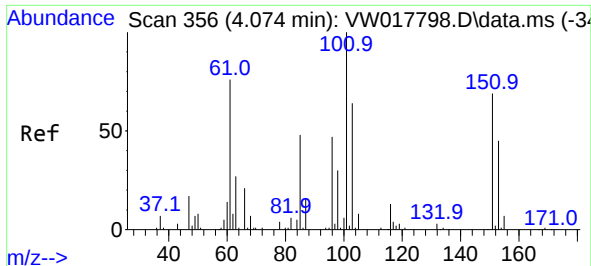
Tgt Ion: 74 Resp: 91907  
Ion Ratio Lower Upper  
74 100  
45 88.2 46.5 139.5



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

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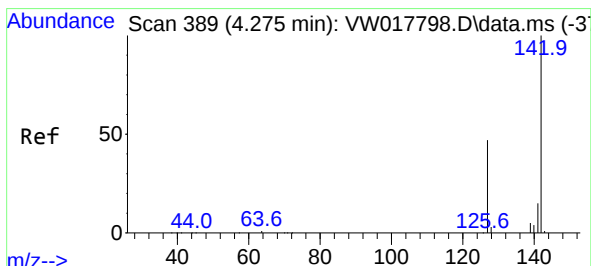
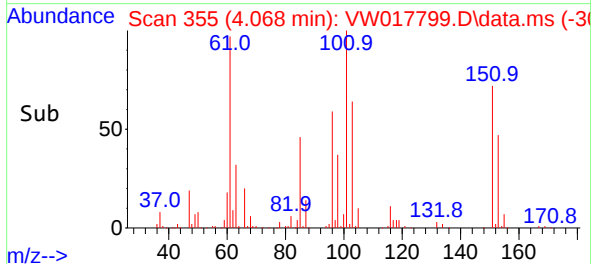
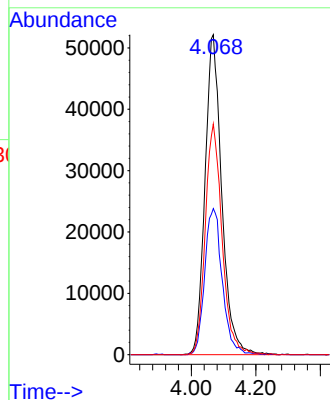
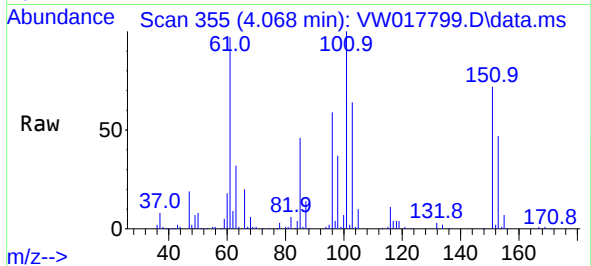
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 88.16 ug/l  
RT: 4.068 min Scan# 355  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:101 Resp: 187941  
Ion Ratio Lower Upper  
101 100  
85 47.9 37.9 56.9  
151 72.3 57.0 85.4

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

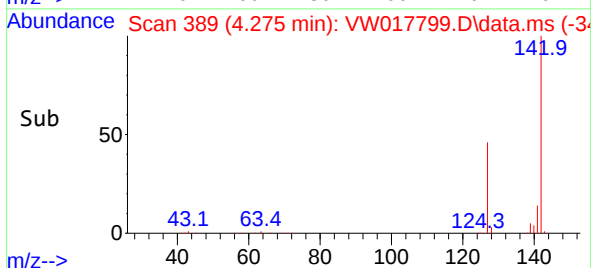
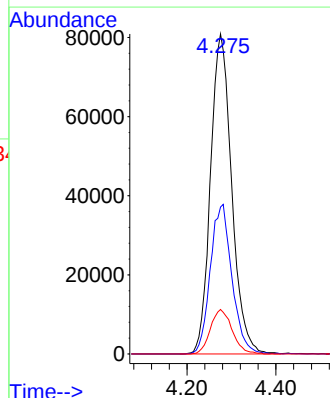
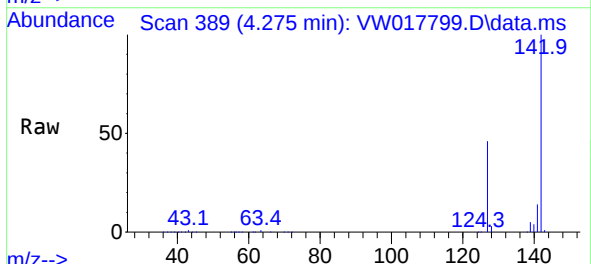
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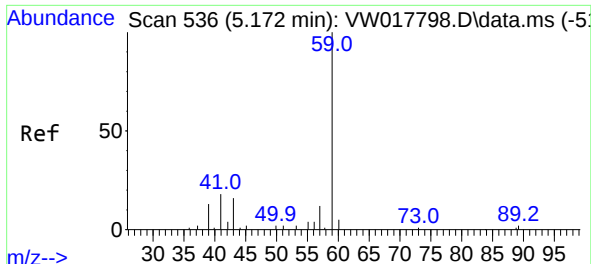
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#10  
Methyl Iodide  
Concen: 94.08 ug/l  
RT: 4.275 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

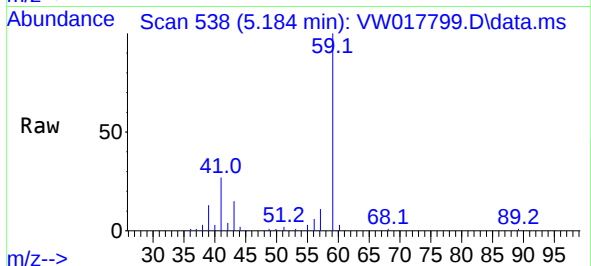
Tgt Ion:142 Resp: 267684  
Ion Ratio Lower Upper  
142 100  
127 47.6 37.7 56.5  
141 14.3 11.7 17.5





#11  
Tert butyl alcohol  
Concen: 378.91 ug/l  
RT: 5.184 min Scan# 538  
Delta R.T. 0.012 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

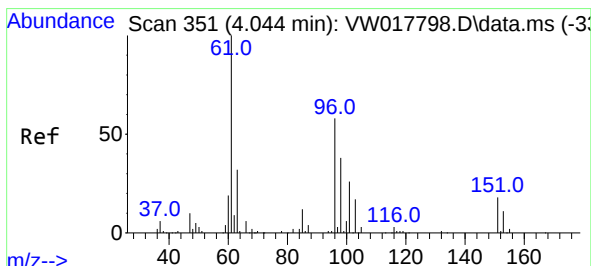
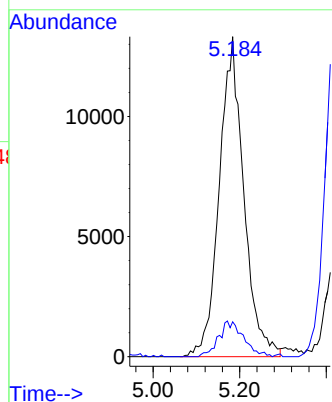
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100



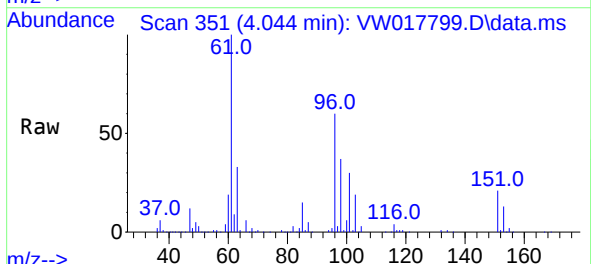
Tgt Ion: 59 Resp: 52281  
Ion Ratio Lower Upper  
59 100  
57 11.3 8.7 13.1

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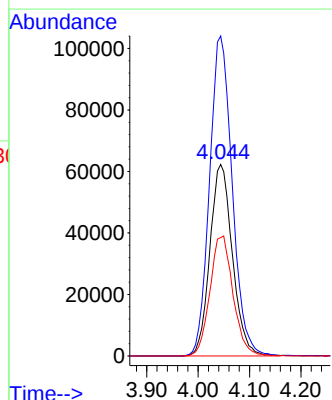
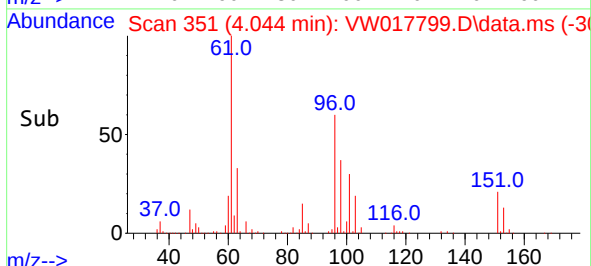
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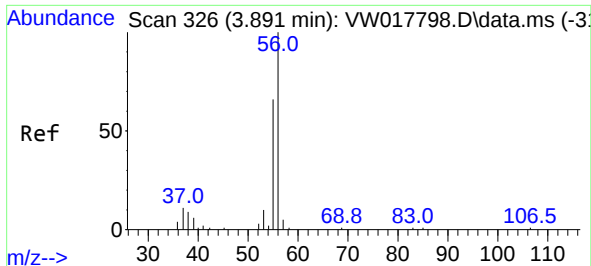


#12  
1,1-Dichloroethene  
Concen: 93.58 ug/l  
RT: 4.044 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

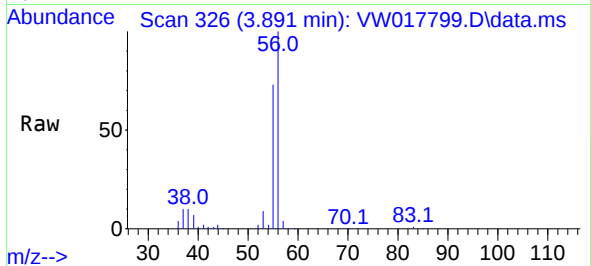


Tgt Ion: 96 Resp: 190072  
Ion Ratio Lower Upper  
96 100  
61 167.0 137.0 205.6  
98 61.8 51.7 77.5

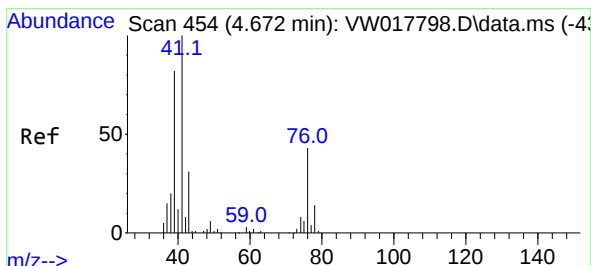
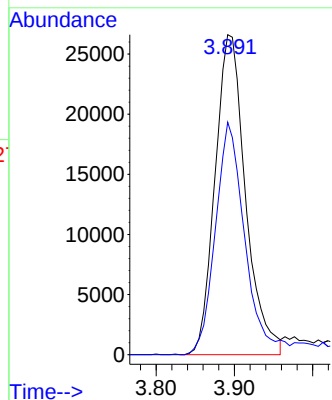
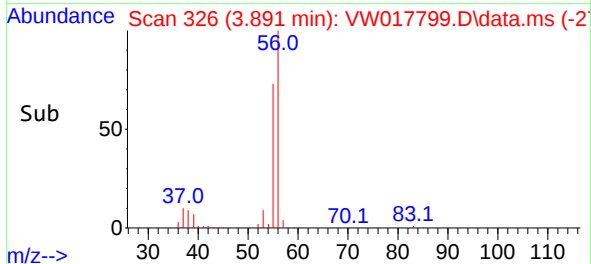




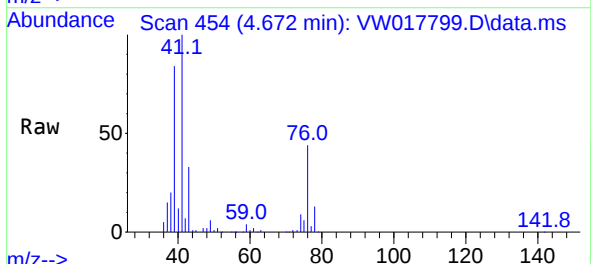
#13  
Acrolein  
Concen: 456.85 ug/l  
RT: 3.891 min Scan# 326  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



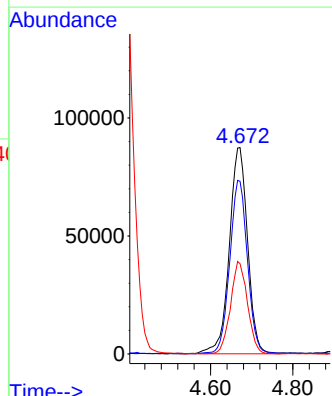
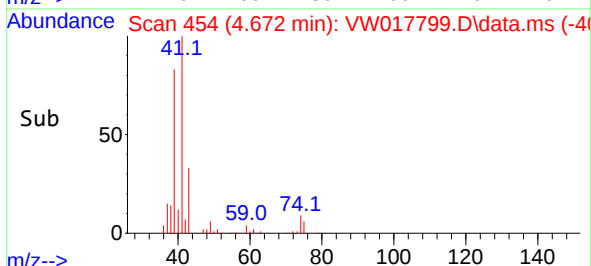
Tgt Ion: 56 Resp: 72104  
Ion Ratio Lower Upper  
56 100  
55 70.3 56.5 84.7



#14  
Allyl chloride  
Concen: 95.57 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



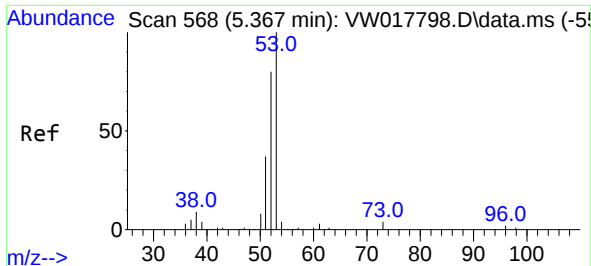
Tgt Ion: 41 Resp: 270152  
Ion Ratio Lower Upper  
41 100  
39 81.6 64.8 97.2  
76 41.3 32.7 49.1



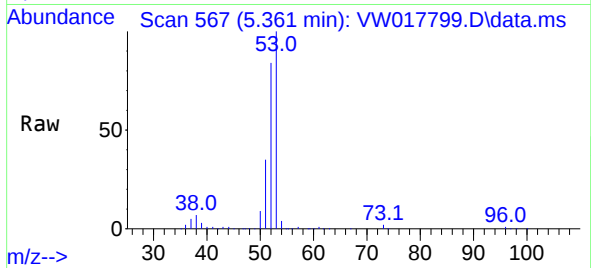
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

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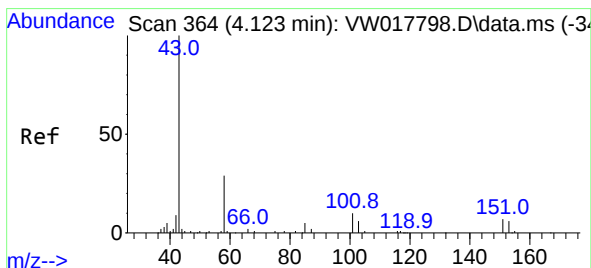
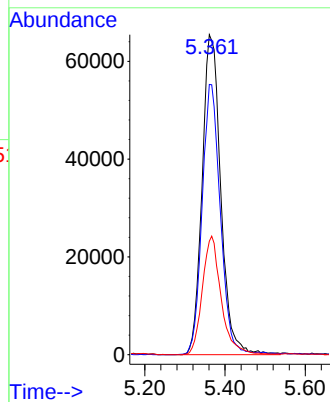
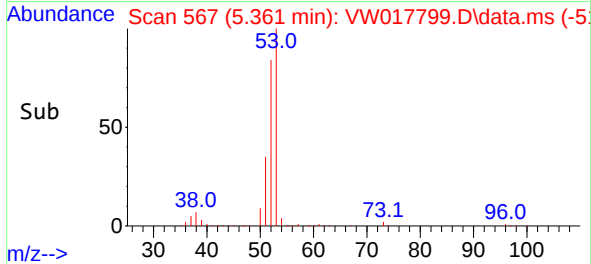


#15  
Acrylonitrile  
Concen: 477.26 ug/l  
RT: 5.361 min Scan# 567  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

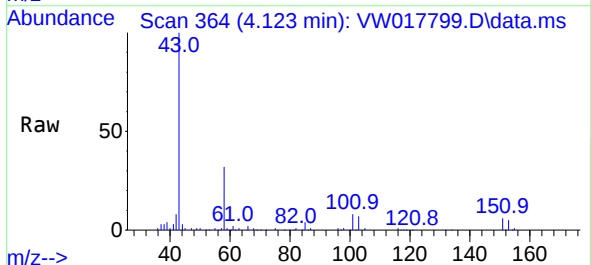


Tgt Ion: 53 Resp: 212102

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.1  | 65.4  | 98.0  |
| 51  | 37.4  | 29.5  | 44.3  |

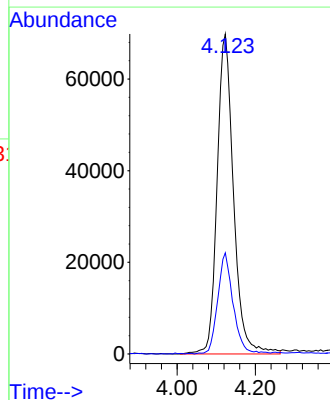
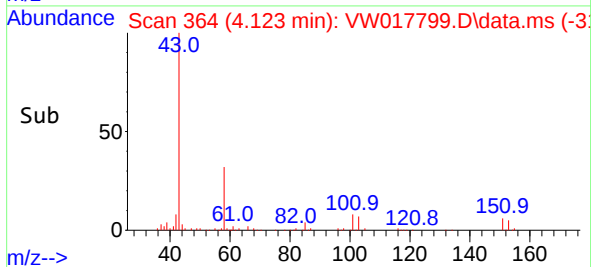


#16  
Acetone  
Concen: 484.11 ug/l  
RT: 4.123 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



Tgt Ion: 43 Resp: 203180

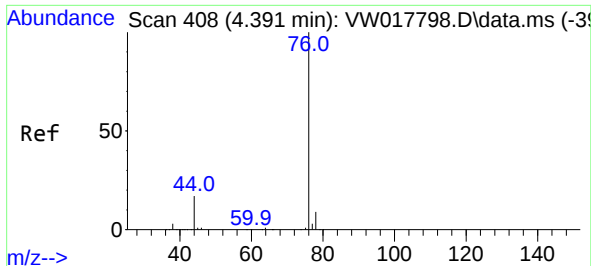
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.5  | 22.9  | 34.3  |



Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

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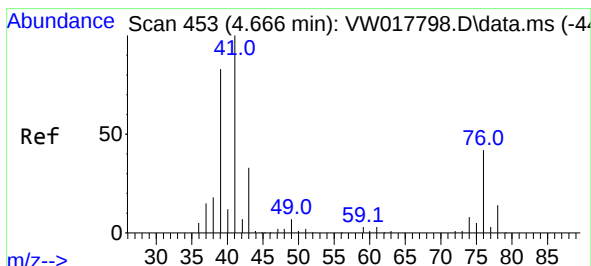
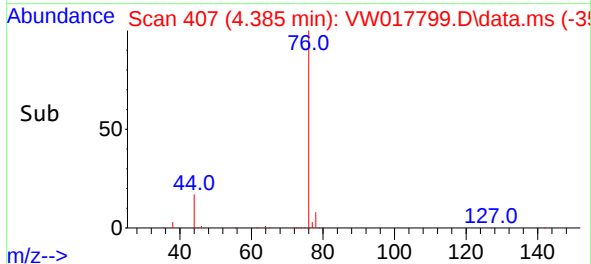
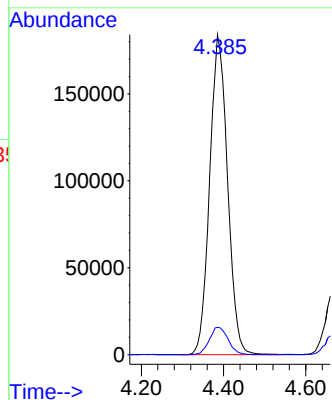
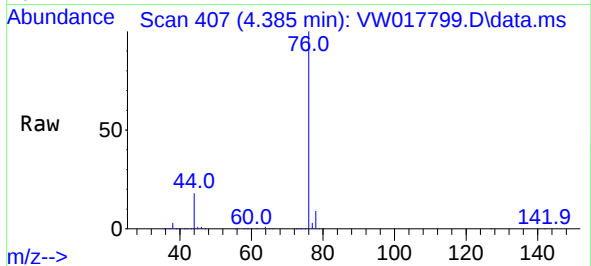
#17  
Carbon Disulfide  
Concen: 92.31 ug/l  
RT: 4.385 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 76 Resp: 554899  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.5 11.3

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICC100

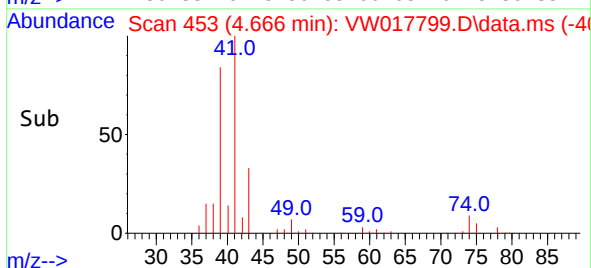
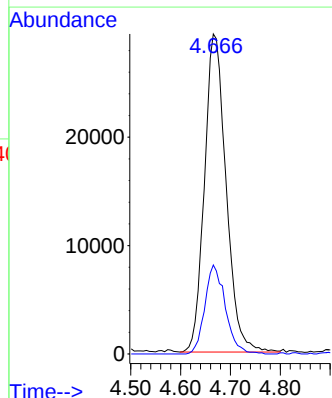
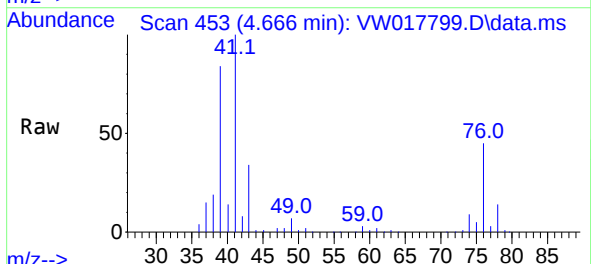
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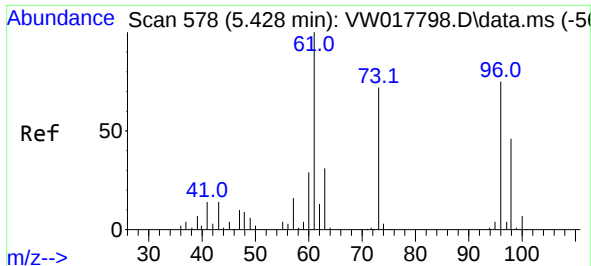
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#18  
Methyl Acetate  
Concen: 86.85 ug/l  
RT: 4.666 min Scan# 453  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 43 Resp: 88559  
Ion Ratio Lower Upper  
43 100  
74 26.5 20.4 30.6





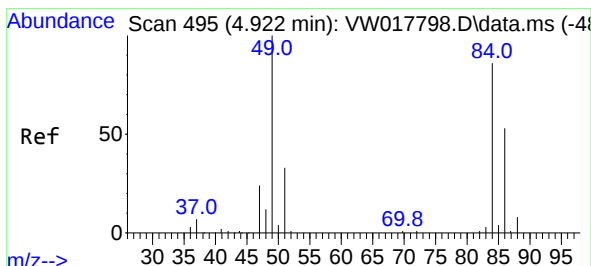
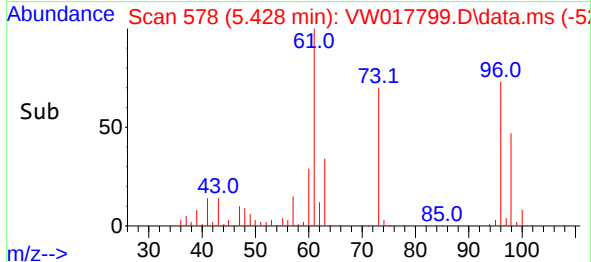
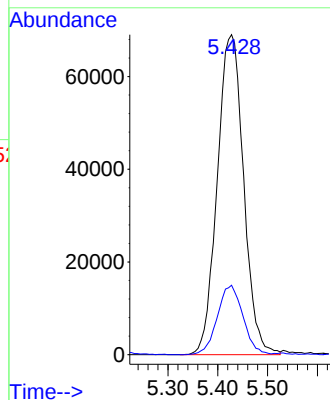
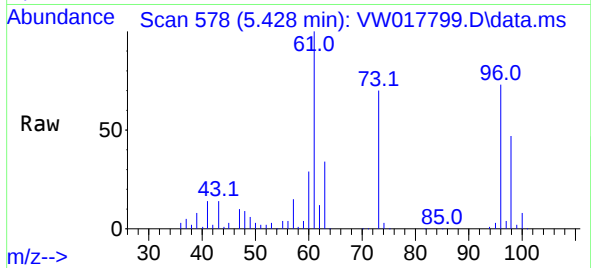
#19  
Methyl tert-butyl Ether  
Concen: 90.54 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 73 Resp: 253381  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.2 25.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

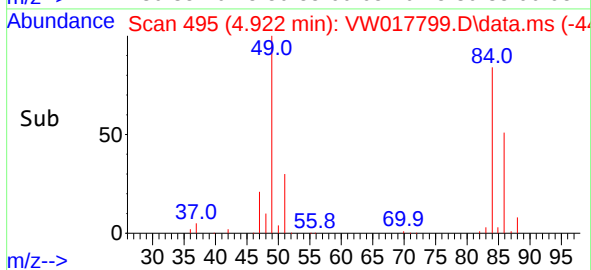
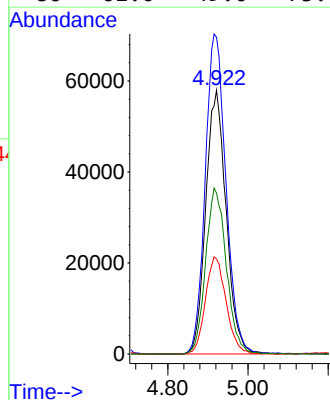
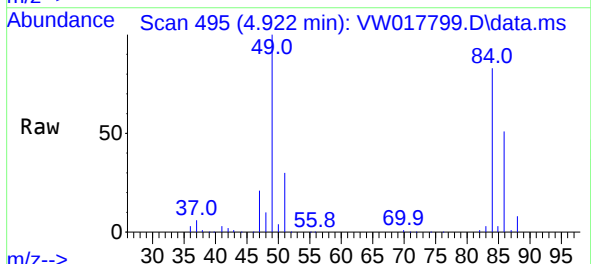
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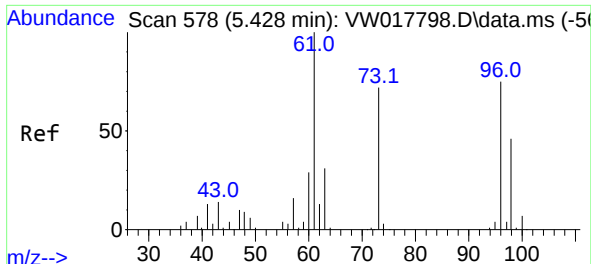
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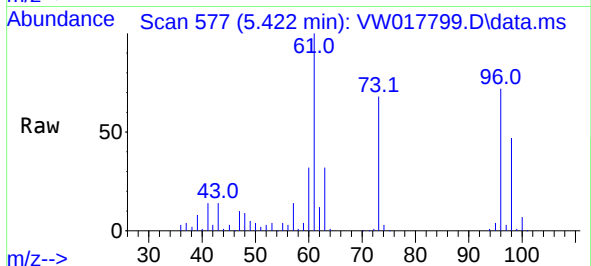
#20  
Methylene Chloride  
Concen: 77.52 ug/l  
RT: 4.922 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 84 Resp: 205133  
Ion Ratio Lower Upper  
84 100  
49 120.0 92.6 138.8  
51 36.1 30.6 45.8  
86 61.0 49.0 73.4



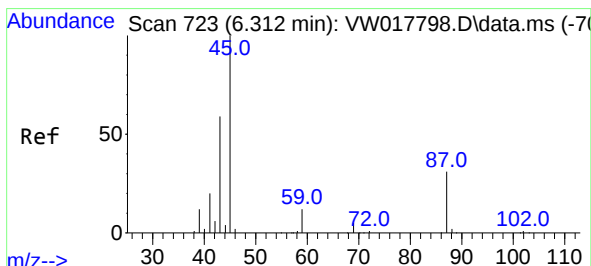
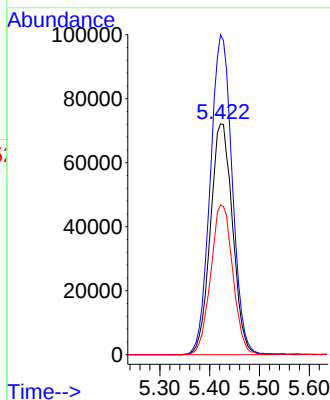
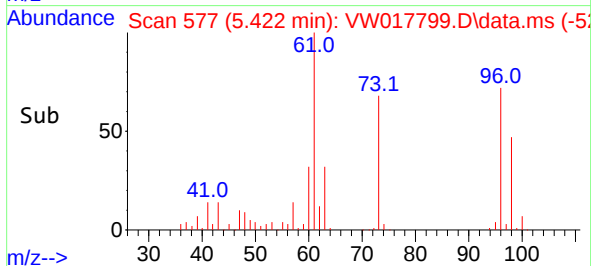


#21  
trans-1,2-Dichloroethene  
Concen: 92.20 ug/l  
RT: 5.422 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

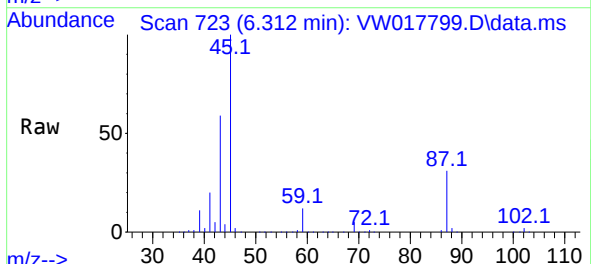


Tgt Ion: 96 Resp: 223178

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 138.7 | 107.3 | 160.9 |
| 98  | 64.9  | 49.6  | 74.4  |

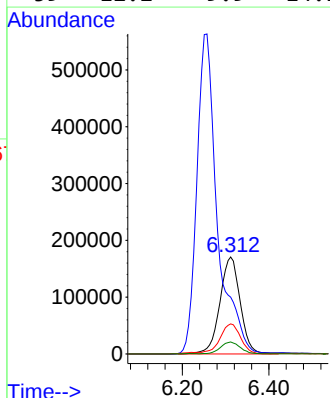
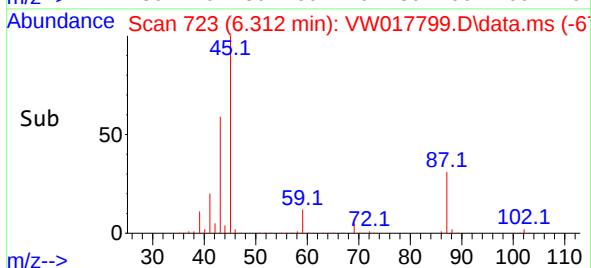


#22  
Diisopropyl ether  
Concen: 96.32 ug/l  
RT: 6.312 min Scan# 723  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



Tgt Ion: 45 Resp: 558198

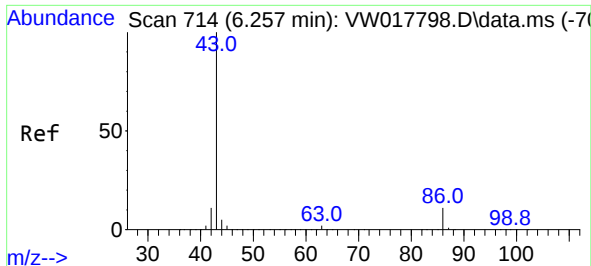
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 58.0  | 48.4  | 72.6  |
| 87  | 30.7  | 25.2  | 37.8  |
| 59  | 12.2  | 9.9   | 14.9  |



Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

Manual Integrations  
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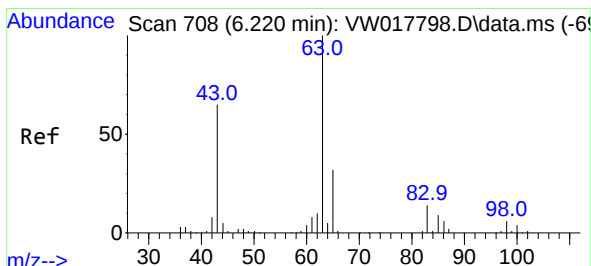
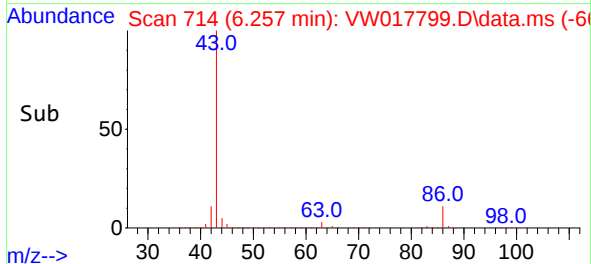
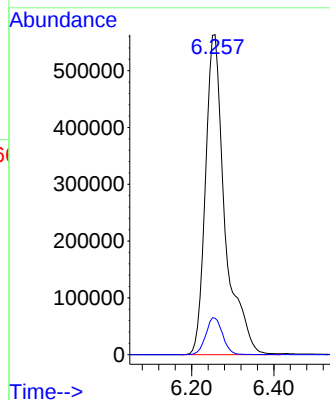
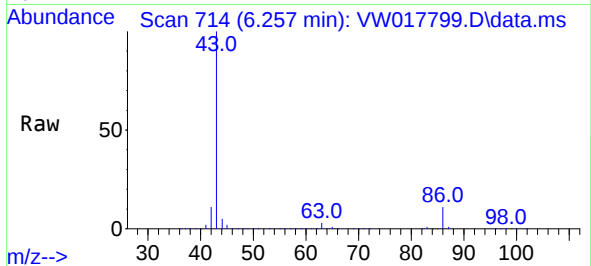
#23  
Vinyl Acetate  
Concen: 508.92 ug/l  
RT: 6.257 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 43 Resp: 1858216  
Ion Ratio Lower Upper  
43 100  
86 11.4 8.9 13.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

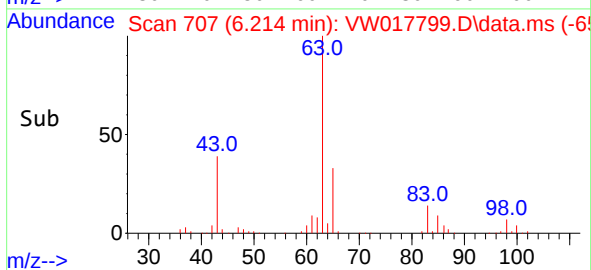
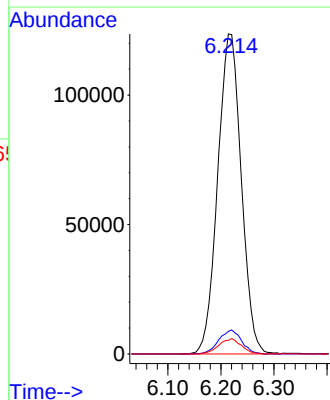
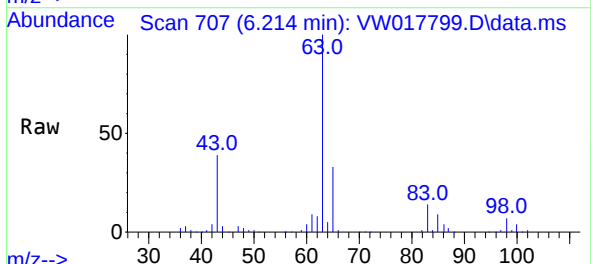
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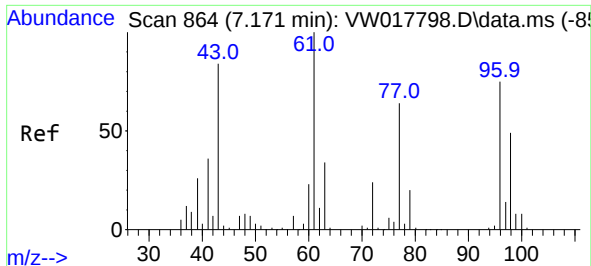
MMDadoda  
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#24  
1,1-Dichloroethane  
Concen: 93.93 ug/l  
RT: 6.214 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 63 Resp: 381446  
Ion Ratio Lower Upper  
63 100  
98 7.1 3.1 9.3  
100 4.3 2.1 6.3





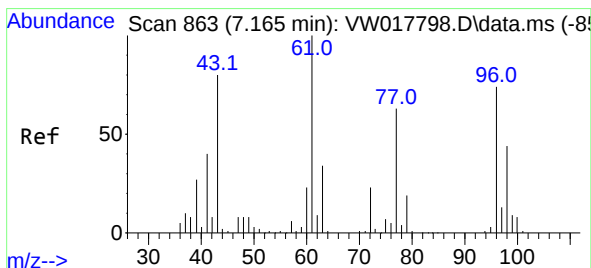
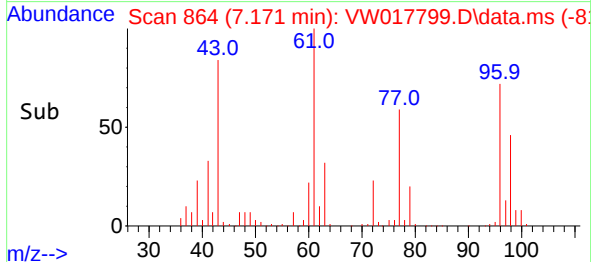
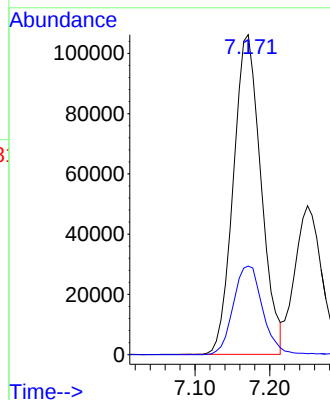
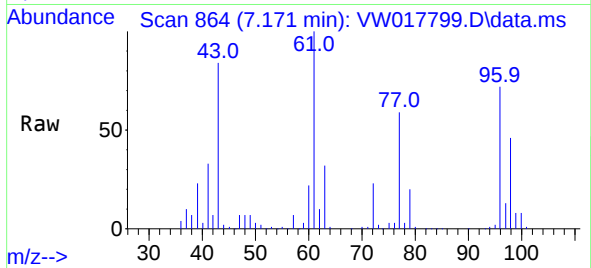
#25  
2-Butanone  
Concen: 468.30 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 43 Resp: 273354  
Ion Ratio Lower Upper  
43 100  
72 27.7 22.6 33.8

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

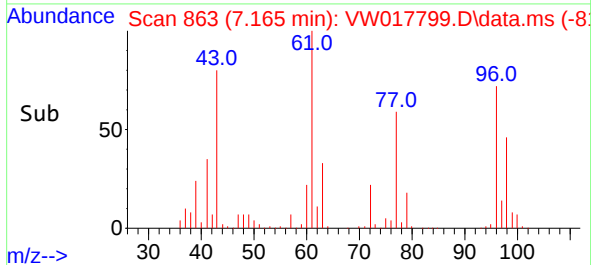
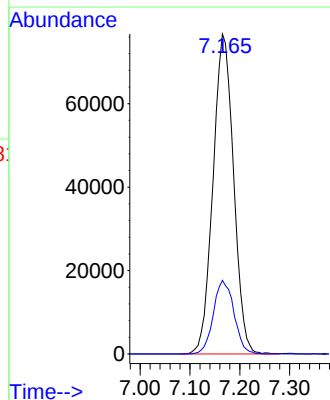
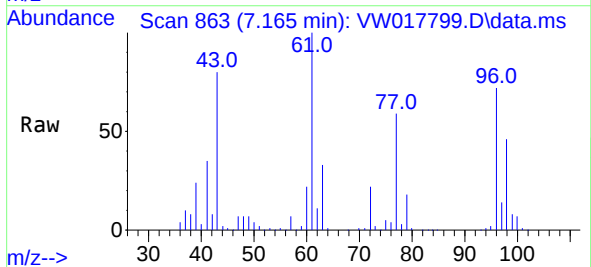
Manual Integrations  
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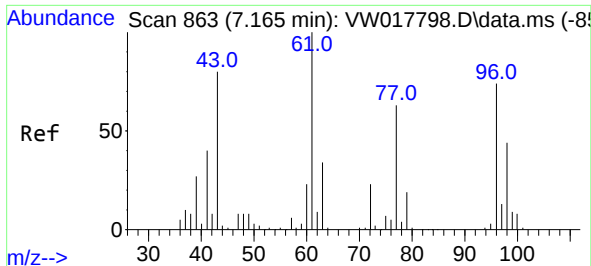
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#26  
2,2-Dichloropropane  
Concen: 92.37 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 77 Resp: 219996  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.5 34.5





#27  
 cis-1,2-Dichloroethene  
 Concen: 96.53 ug/l  
 RT: 7.165 min Scan# 863  
 Delta R.T. -0.000 min  
 Lab File: VW017799.D  
 Acq: 07 Jan 2021 14:03

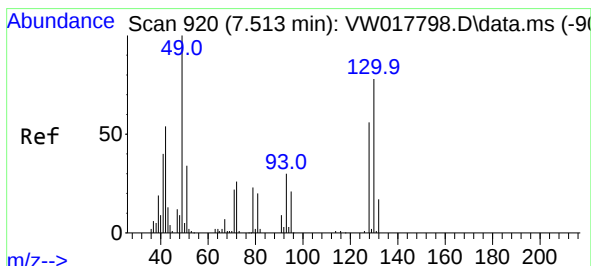
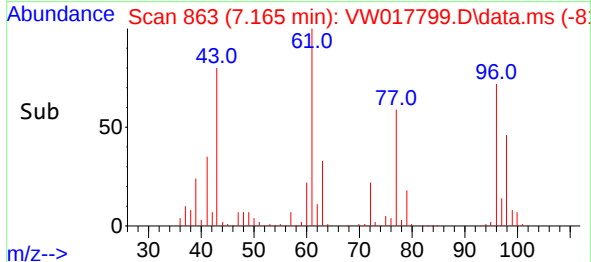
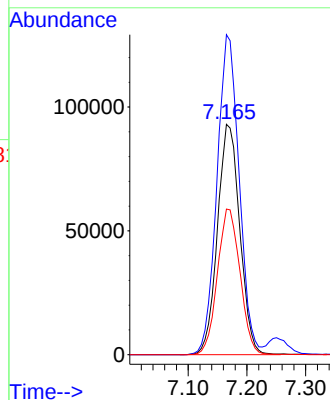
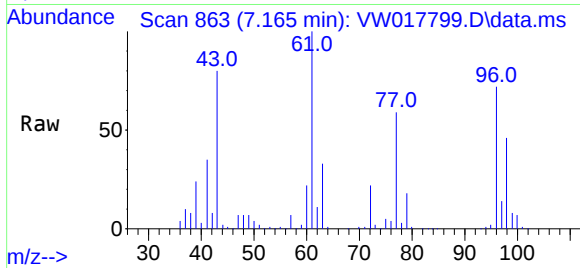
Tgt Ion: 96 Resp: 245259

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 138.3 | 0.0   | 281.0 |
| 98  | 64.2  | 0.0   | 129.8 |

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

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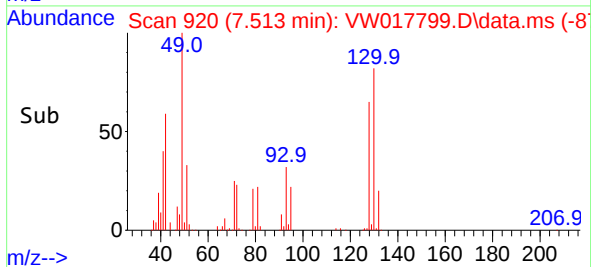
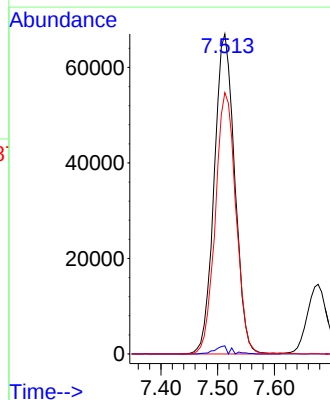
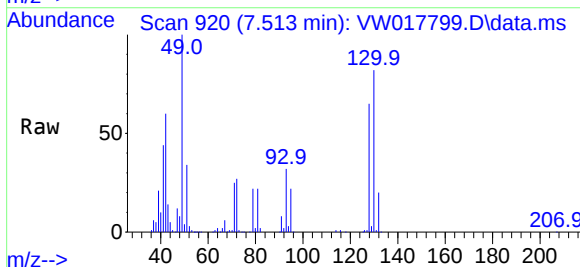
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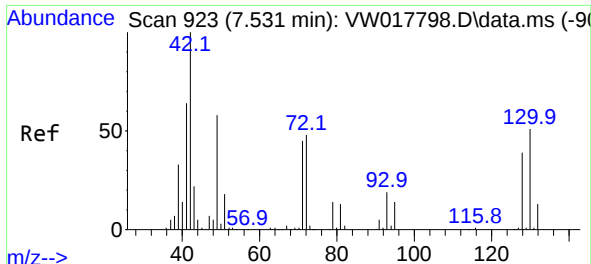


#28  
 Bromochloromethane  
 Concen: 102.13 ug/l  
 RT: 7.513 min Scan# 920  
 Delta R.T. -0.000 min  
 Lab File: VW017799.D  
 Acq: 07 Jan 2021 14:03

Tgt Ion: 49 Resp: 168369

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.9   | 0.0   | 4.8   |
| 130 | 81.8  | 61.1  | 91.7  |





#29

Tetrahydrofuran

Concen: 476.48 ug/l

RT: 7.531 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW017799.D

Acq: 07 Jan 2021 14:03

Tgt Ion: 42 Resp: 175312

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 47.8  | 37.7  | 56.5  |
| 71  | 44.6  | 34.1  | 51.1  |

Instrument :

MSVOA\_W

ClientSampled :

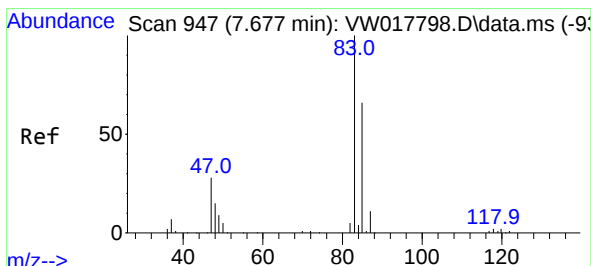
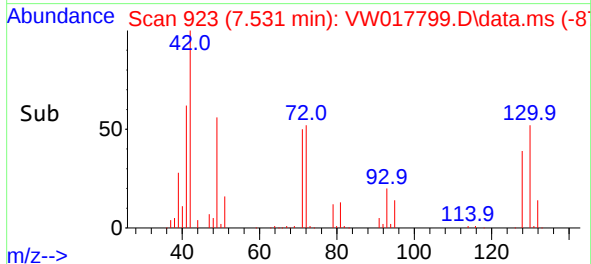
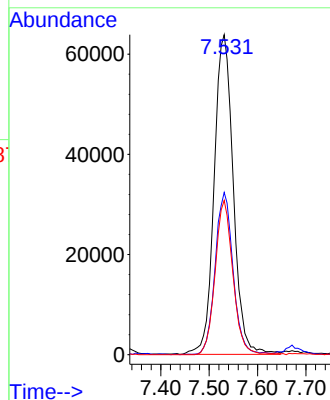
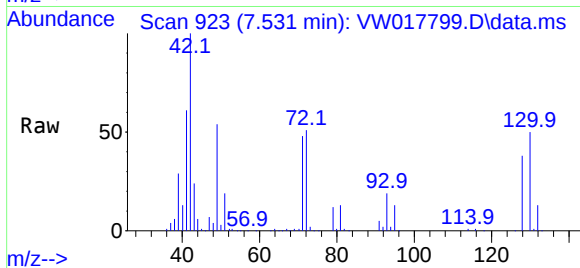
VSTDIC100

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#30

Chloroform

Concen: 96.31 ug/l

RT: 7.677 min Scan# 947

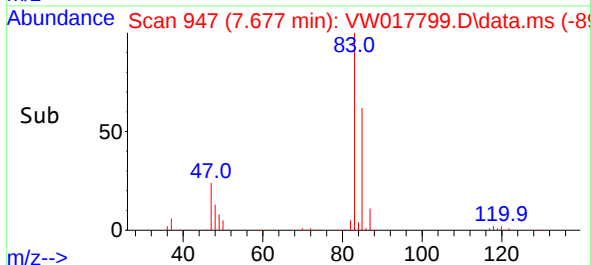
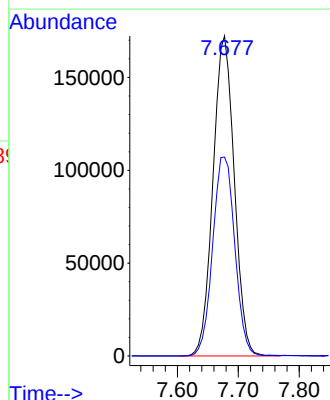
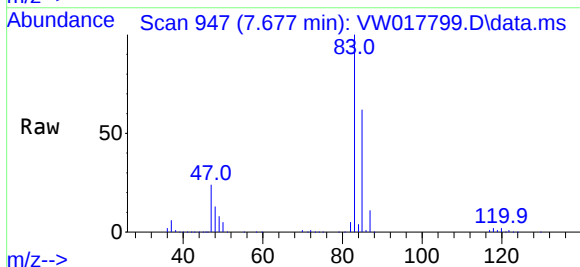
Delta R.T. -0.000 min

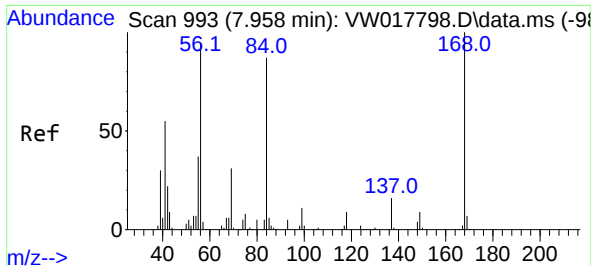
Lab File: VW017799.D

Acq: 07 Jan 2021 14:03

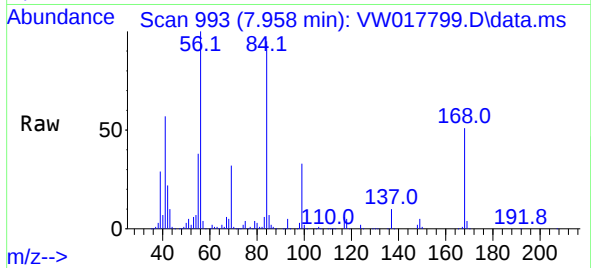
Tgt Ion: 83 Resp: 418931

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.2  | 52.8  | 79.2  |

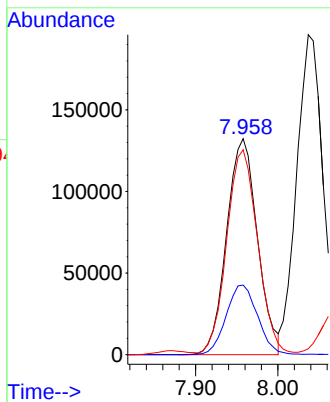
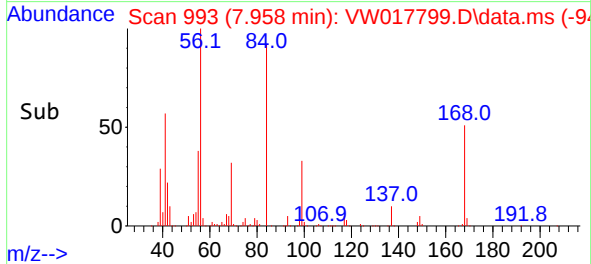




#31  
Cyclohexane  
Concen: 83.92 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



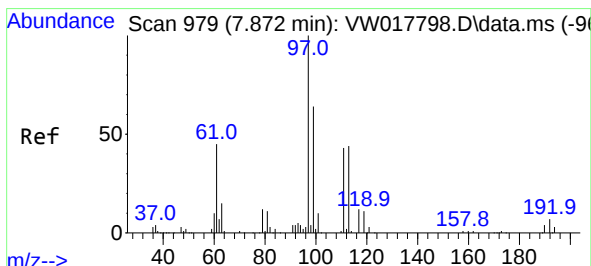
Tgt Ion: 56 Resp: 344610  
Ion Ratio Lower Upper  
56 100  
69 32.2 26.7 40.1  
84 93.4 73.6 110.4



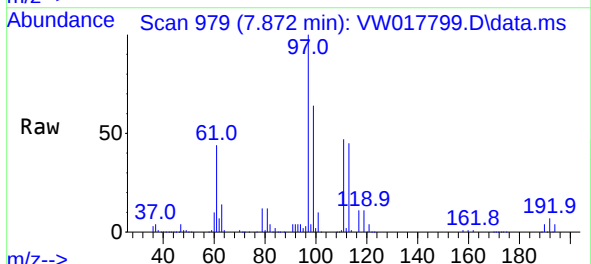
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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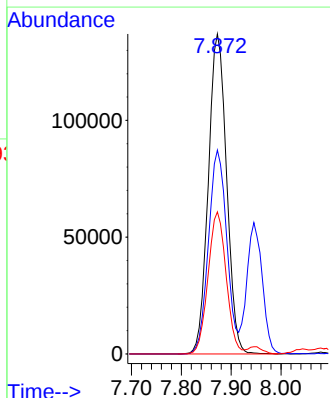
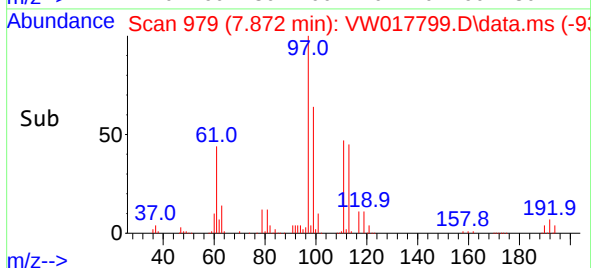
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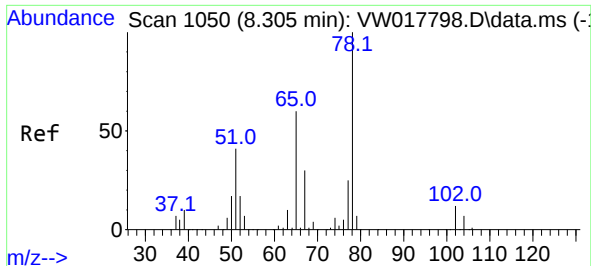


#32  
1,1,1-Trichloroethane  
Concen: 97.40 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



Tgt Ion: 97 Resp: 348734  
Ion Ratio Lower Upper  
97 100  
99 64.2 52.0 78.0  
61 44.2 36.7 55.1





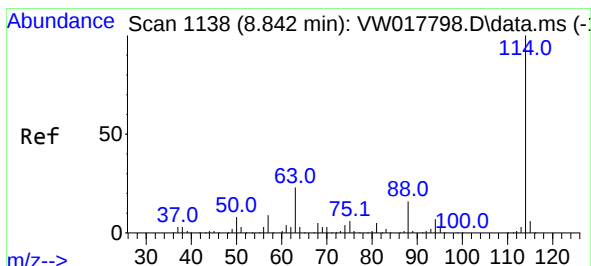
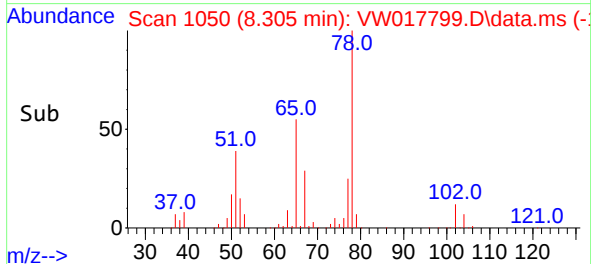
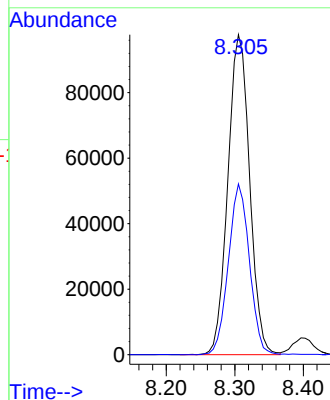
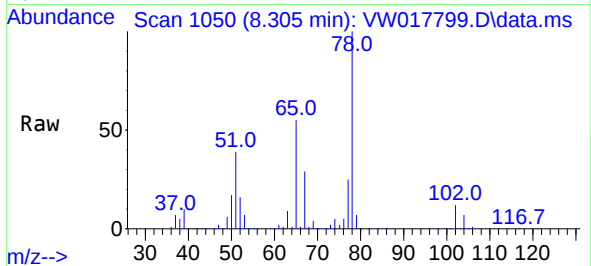
#33  
1,2-Dichloroethane-d4  
Concen: 89.96 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 65 Resp: 215603  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 101.8

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

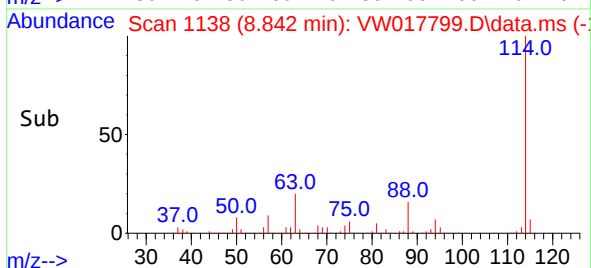
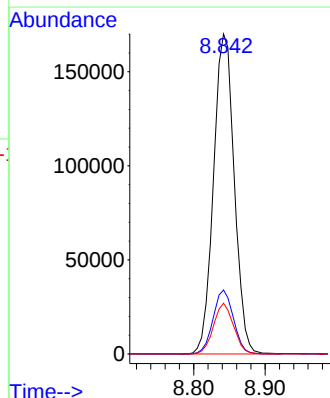
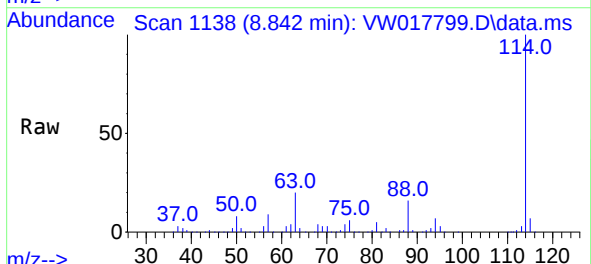
Manual Integrations  
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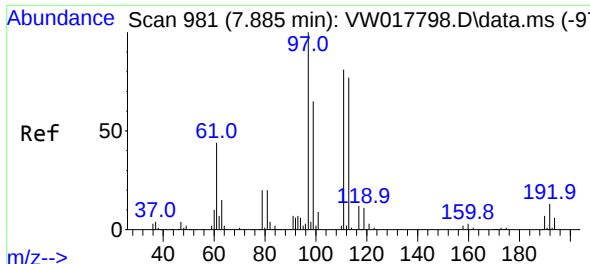
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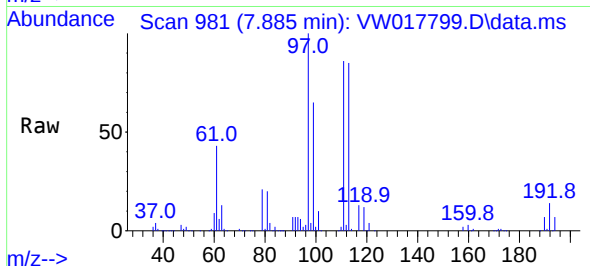
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 114 Resp: 342696  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 45.0  
88 15.8 0.0 31.2

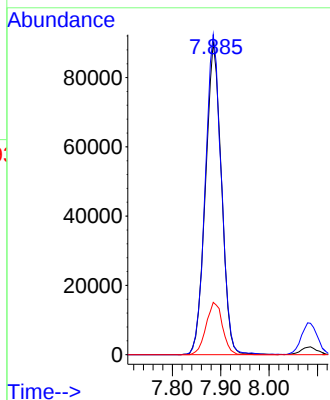
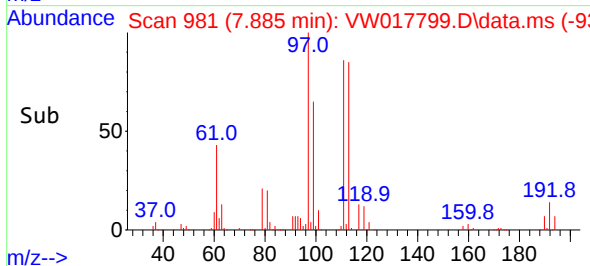




#35  
Dibromofluoromethane  
Concen: 90.47 ug/l  
RT: 7.885 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



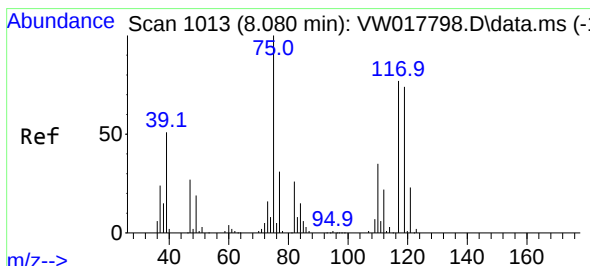
Tgt Ion: 113 Resp: 206518  
Ion Ratio Lower Upper  
113 100  
111 102.7 81.4 122.2  
192 17.3 13.9 20.9



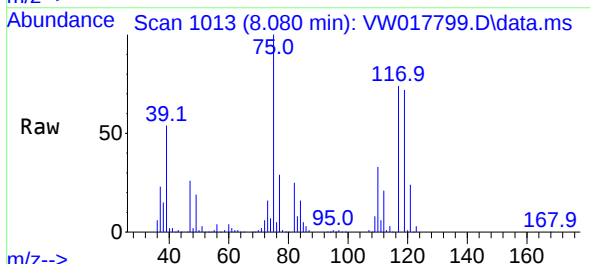
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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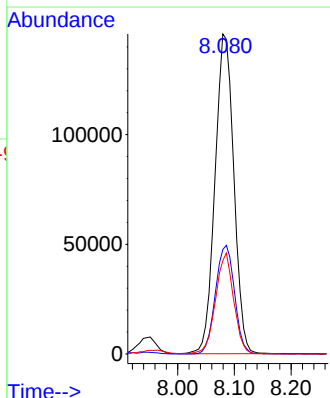
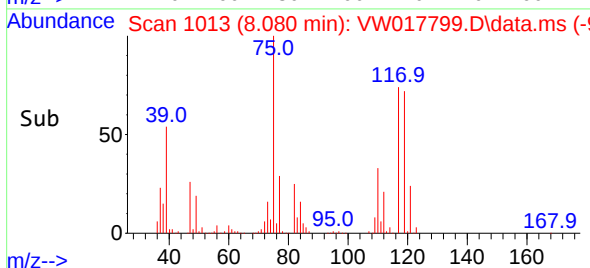
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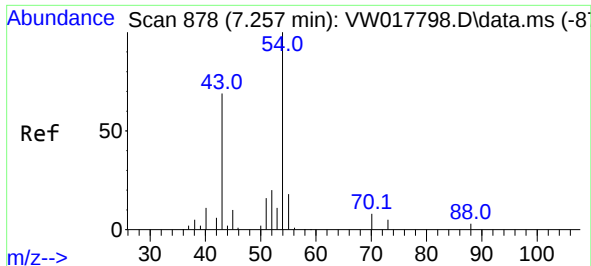


#36  
1,1-Dichloropropene  
Concen: 88.99 ug/l  
RT: 8.080 min Scan# 1013  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



Tgt Ion: 75 Resp: 336408  
Ion Ratio Lower Upper  
75 100  
110 34.3 17.0 50.9  
77 30.3 24.6 37.0





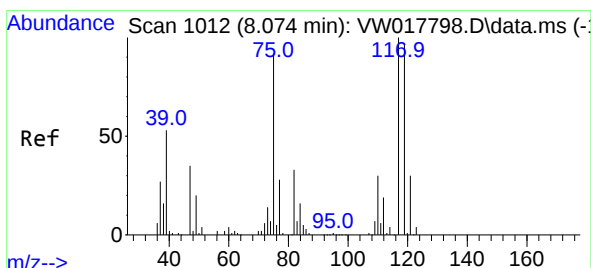
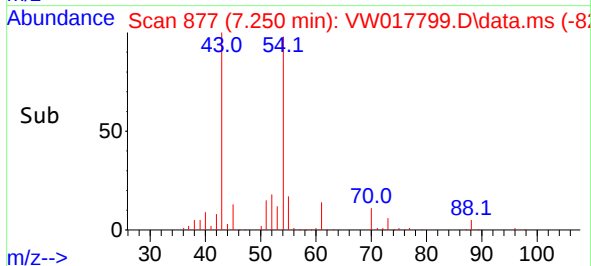
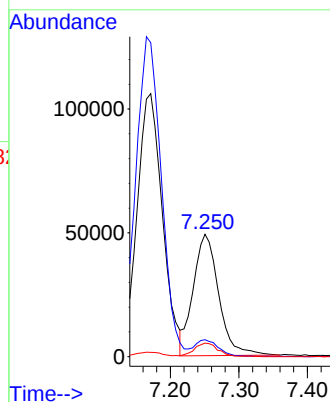
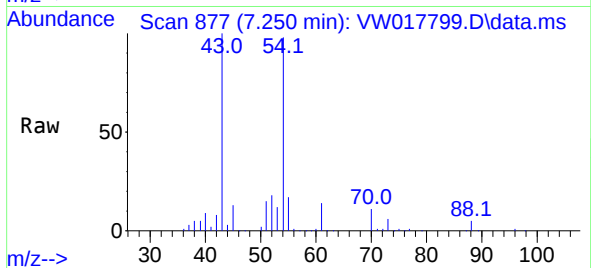
#37  
Ethyl Acetate  
Concen: 87.69 ug/l  
RT: 7.250 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 43 Resp: 126987  
Ion Ratio Lower Upper  
43 100  
61 12.6 9.7 14.5  
70 10.5 7.9 11.9

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

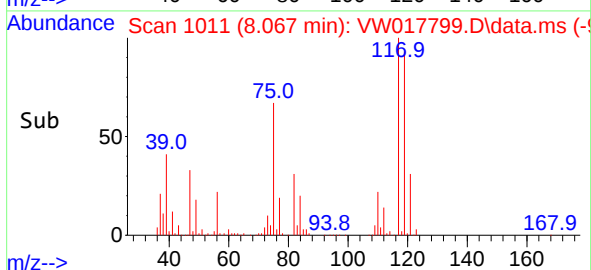
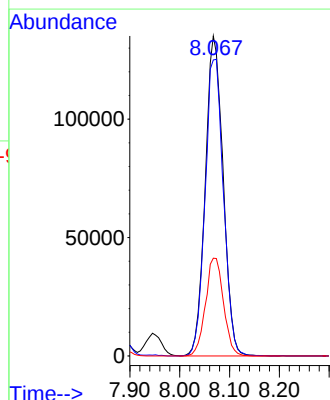
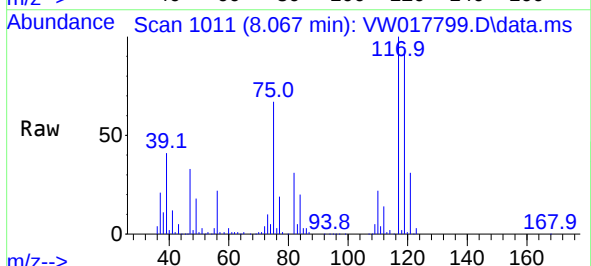
Manual Integrations  
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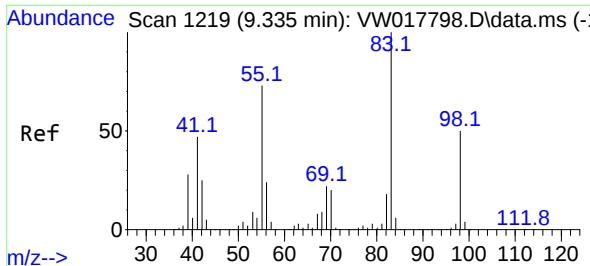
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1/8/2021 2:31:24 PM



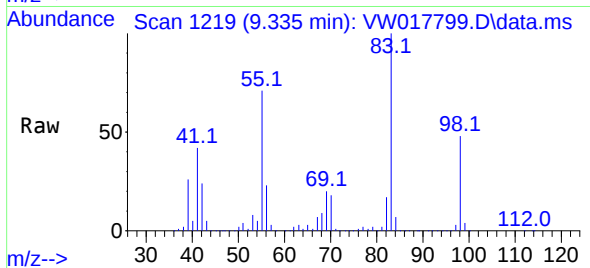
#38  
Carbon Tetrachloride  
Concen: 95.37 ug/l  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 117 Resp: 336083  
Ion Ratio Lower Upper  
117 100  
119 92.5 77.9 116.9  
121 30.6 24.2 36.4

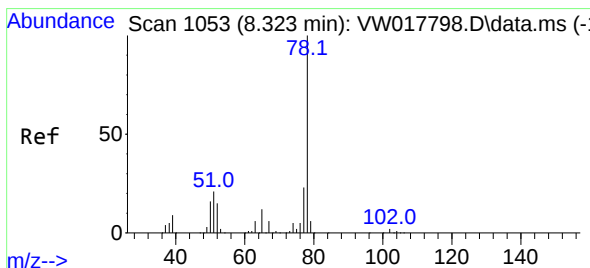
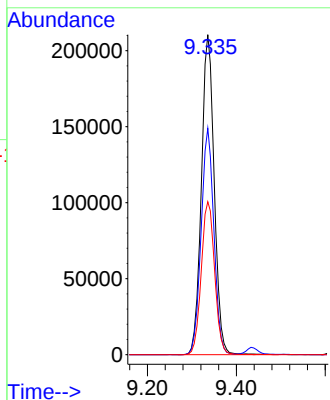
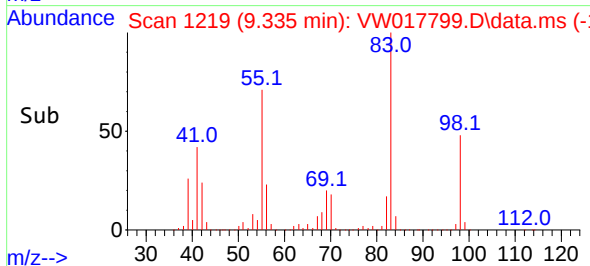




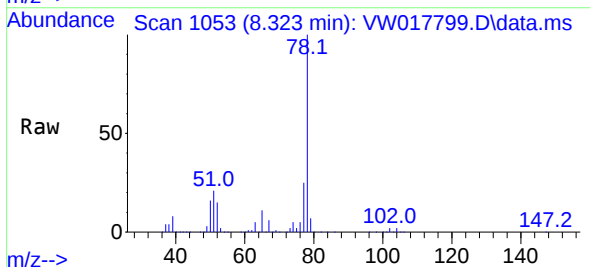
#39  
Methylcyclohexane  
Concen: 92.87 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



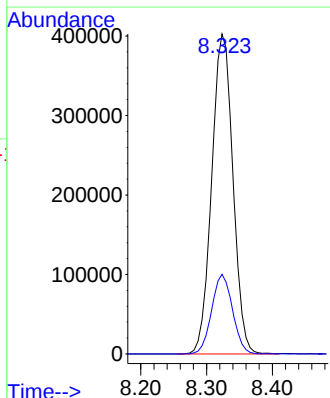
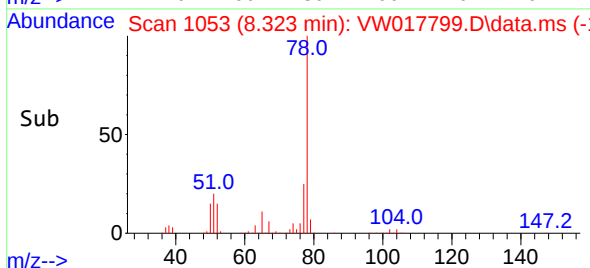
Tgt Ion: 83 Resp: 424118  
Ion Ratio Lower Upper  
83 100  
55 70.7 58.4 87.6  
98 47.8 40.0 60.0



#40  
Benzene  
Concen: 90.71 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



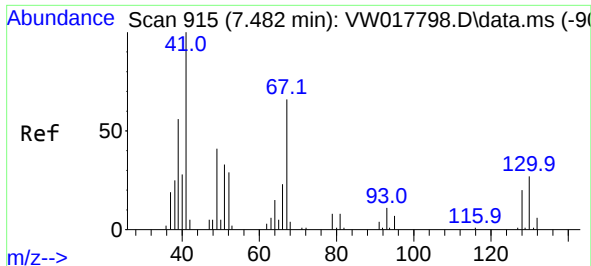
Tgt Ion: 78 Resp: 903063  
Ion Ratio Lower Upper  
78 100  
77 24.9 18.7 28.1



Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

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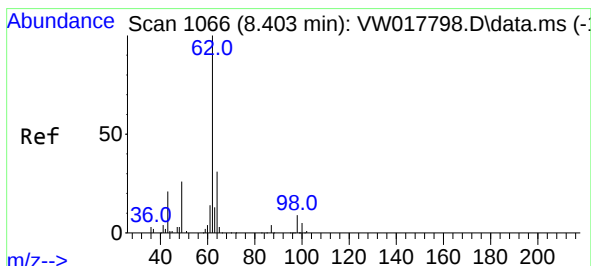
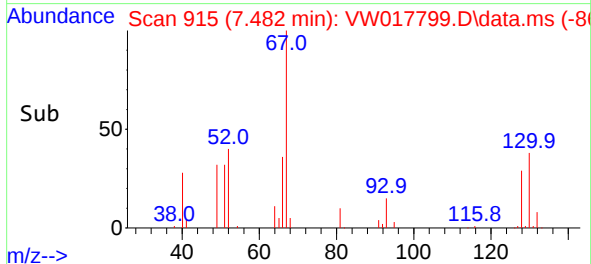
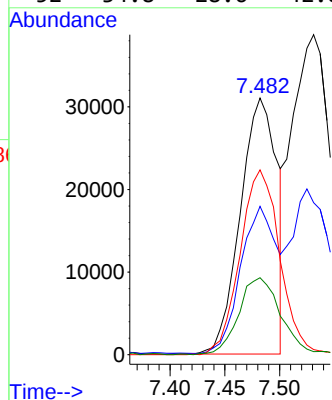
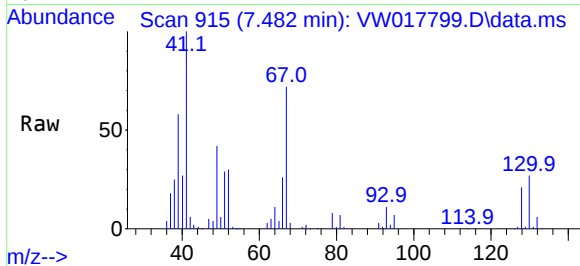
#41  
Methacrylonitrile  
Concen: 87.14 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 72240 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.9  | 47.8  | 71.6  |
| 67       | 78.4  | 64.2  | 96.2  |
| 52       | 34.8  | 28.6  | 42.8  |

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

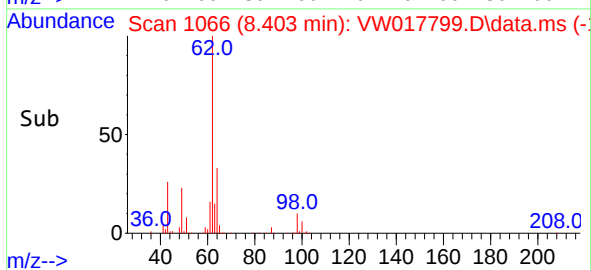
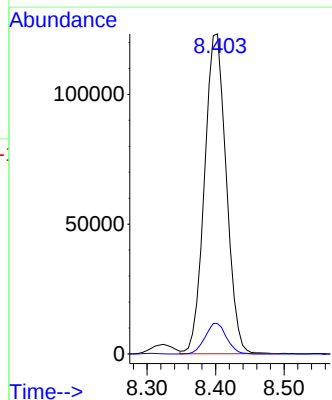
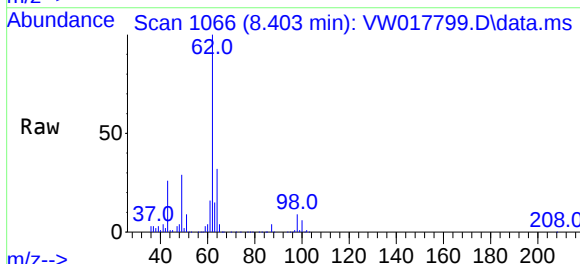
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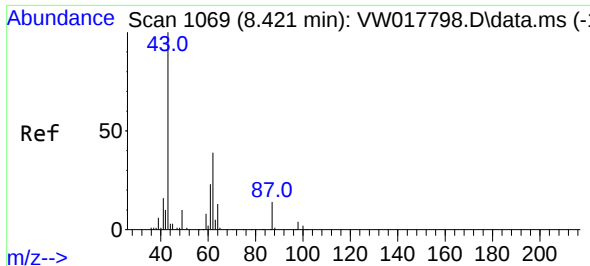
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#42  
1,2-Dichloroethane  
Concen: 86.75 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 272228 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.4   | 0.0   | 17.8   |





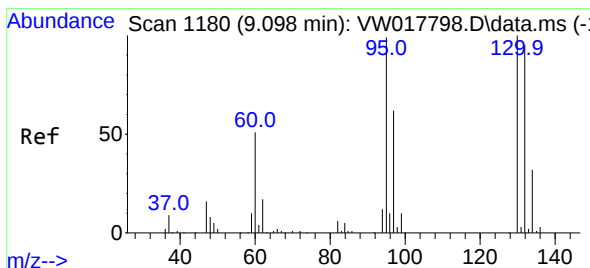
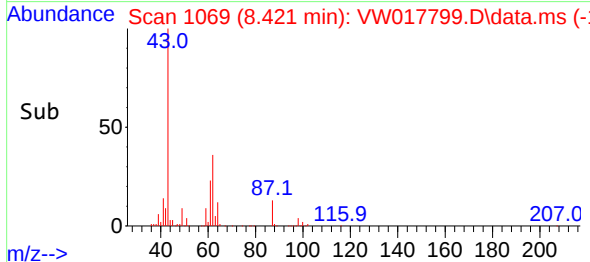
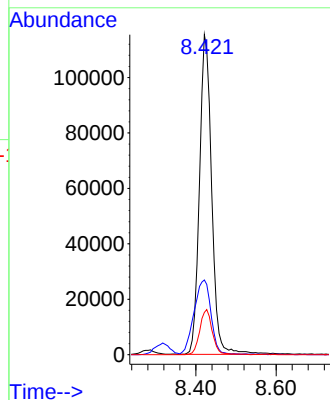
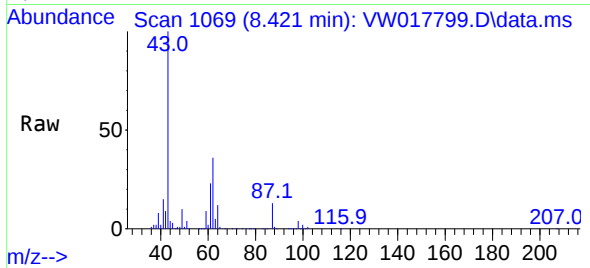
#43  
Isopropyl Acetate  
Concen: 96.03 ug/l  
RT: 8.421 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 43 Resp: 244512  
Ion Ratio Lower Upper  
43 100  
61 31.9 25.5 38.3  
87 14.5 11.0 16.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

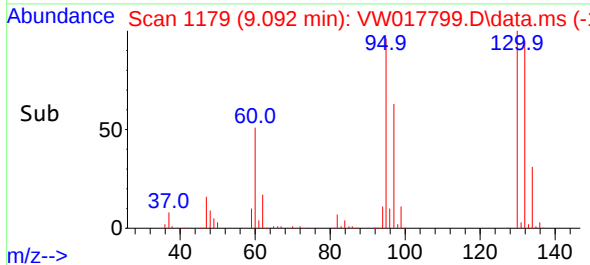
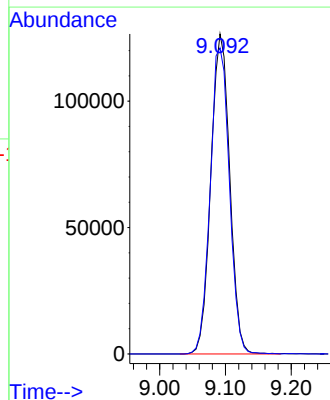
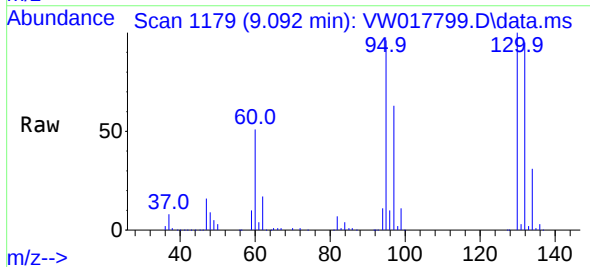
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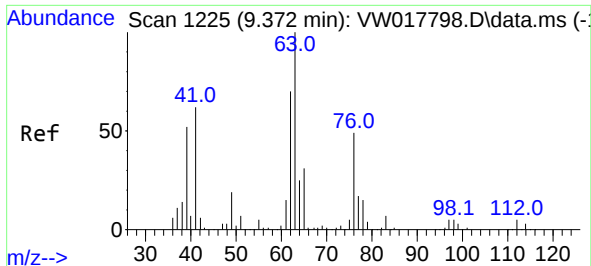
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#44  
Trichloroethene  
Concen: 93.39 ug/l  
RT: 9.092 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:130 Resp: 252702  
Ion Ratio Lower Upper  
130 100  
95 95.7 0.0 198.8





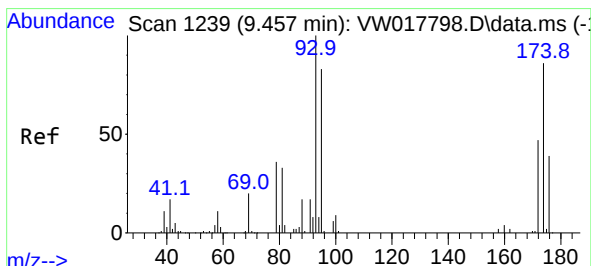
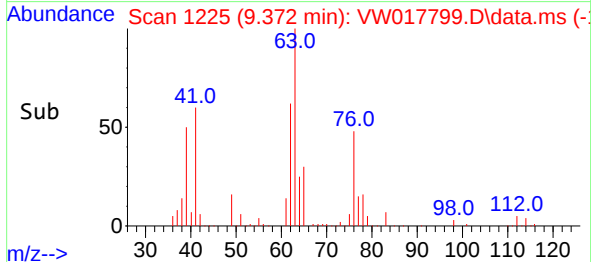
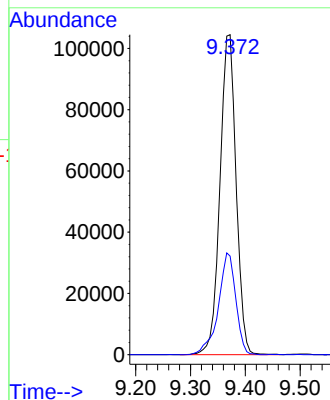
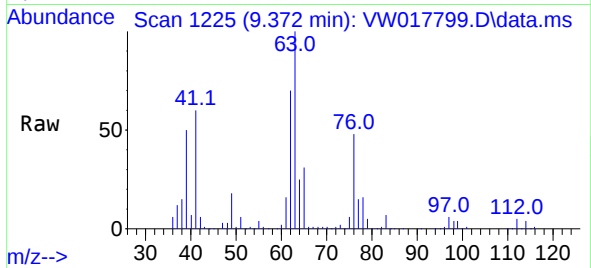
#45  
1,2-Dichloropropane  
Concen: 91.50 ug/l  
RT: 9.372 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 63 Resp: 214449  
Ion Ratio Lower Upper  
63 100  
65 30.8 25.2 37.8

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

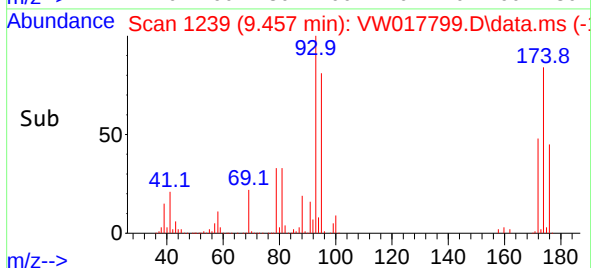
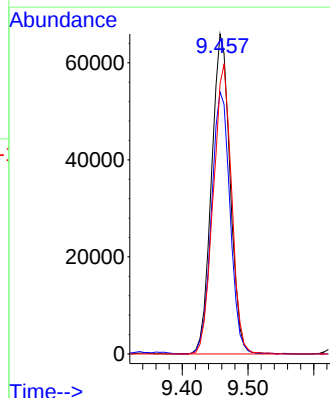
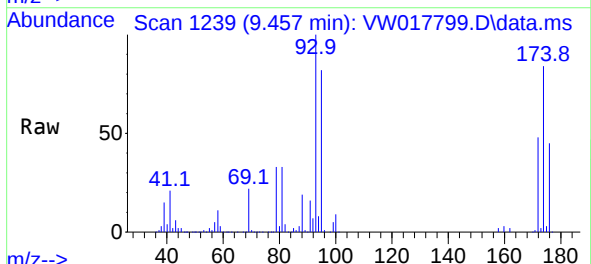
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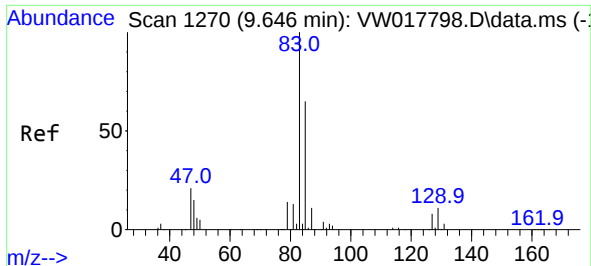
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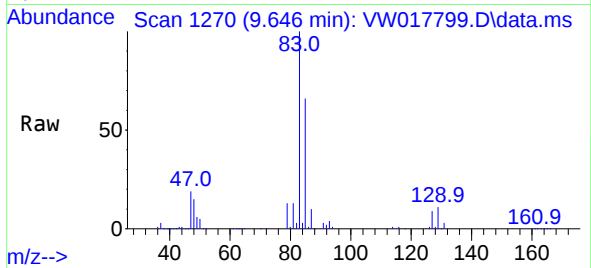
#46  
Dibromomethane  
Concen: 93.07 ug/l  
RT: 9.457 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 93 Resp: 129764  
Ion Ratio Lower Upper  
93 100  
95 81.9 65.3 97.9  
174 89.1 68.6 103.0

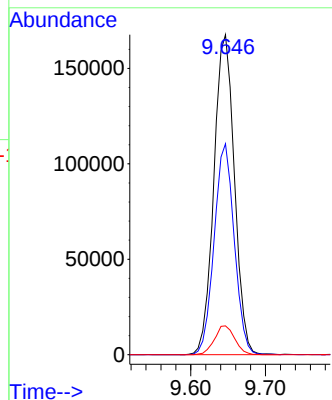
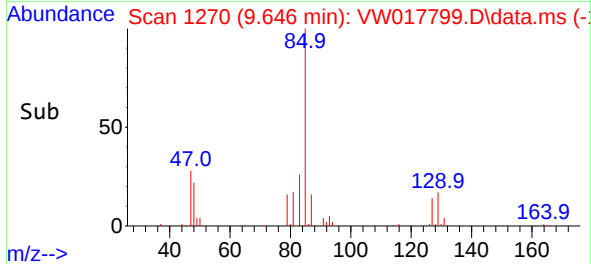




#47  
Bromodichloromethane  
Concen: 94.78 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



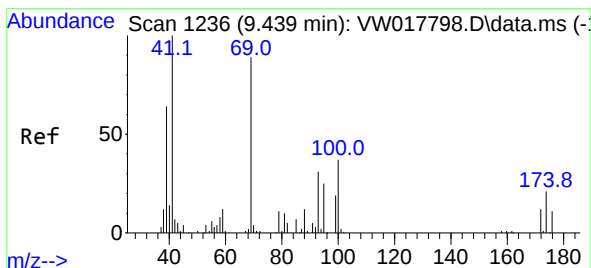
Tgt Ion: 83 Resp: 320570  
Ion Ratio Lower Upper  
83 100  
85 65.9 52.3 78.5  
127 9.0 6.6 10.0



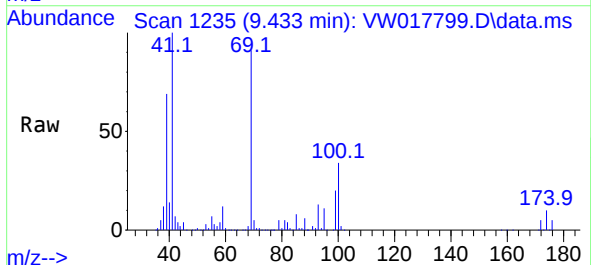
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

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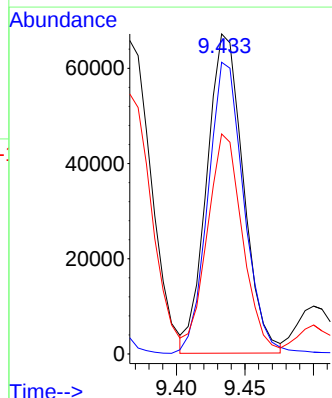
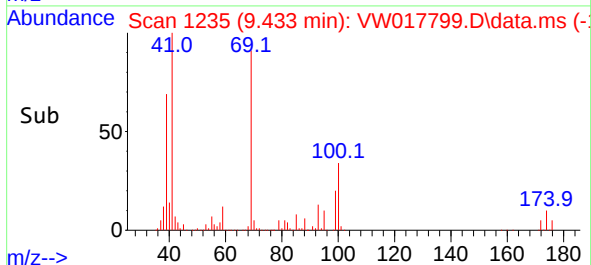
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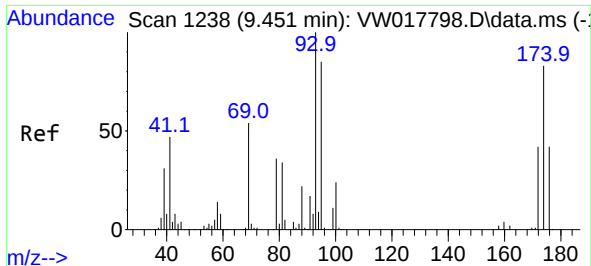


#48  
Methyl methacrylate  
Concen: 94.01 ug/l  
RT: 9.433 min Scan# 1235  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



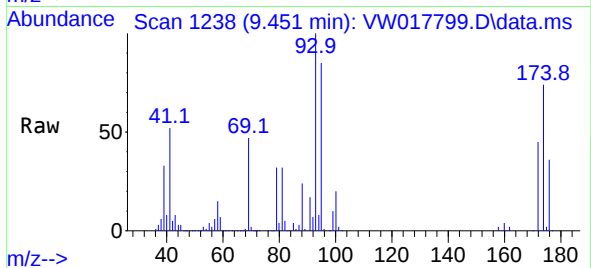
Tgt Ion: 41 Resp: 124420  
Ion Ratio Lower Upper  
41 100  
69 89.4 70.5 105.7  
39 62.9 50.2 75.2





#49  
1,4-Dioxane  
Concen: 1893.97 ug/l  
RT: 9.451 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

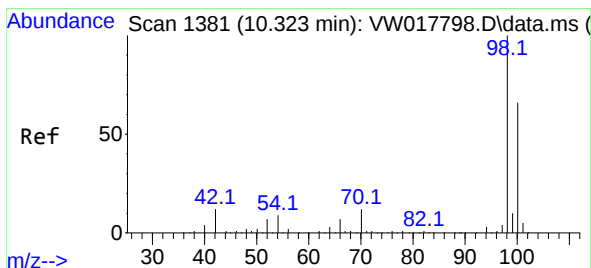
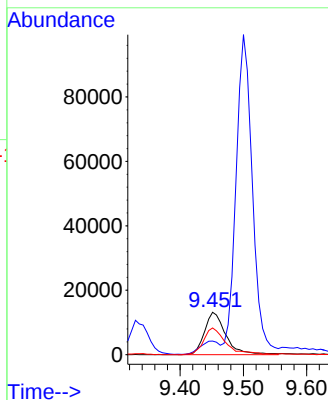
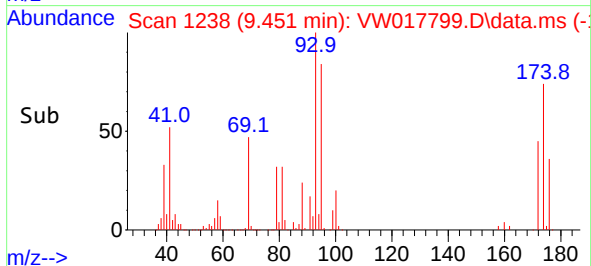
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100



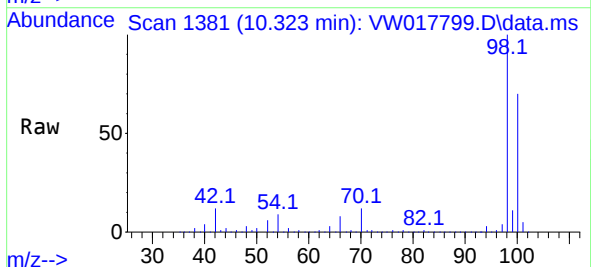
Tgt Ion: 88 Resp: 30900  
Ion Ratio Lower Upper  
88 100  
43 27.7 24.3 36.5  
58 66.3 57.0 85.4

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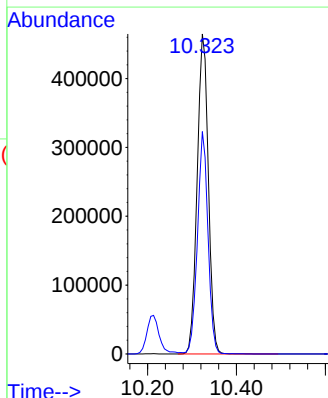
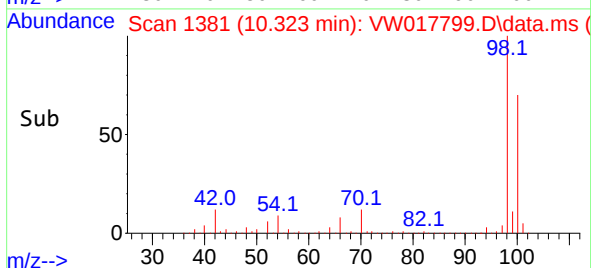
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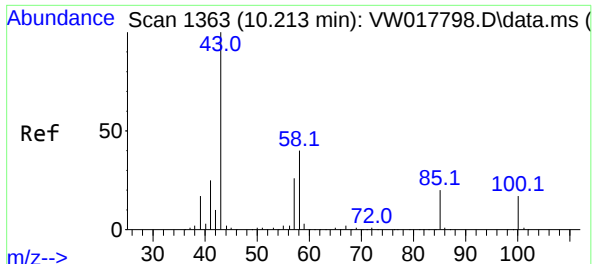


#50  
Toluene-d8  
Concen: 91.46 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



Tgt Ion: 98 Resp: 810362  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.6 78.8





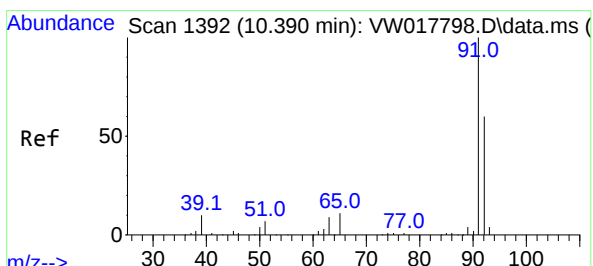
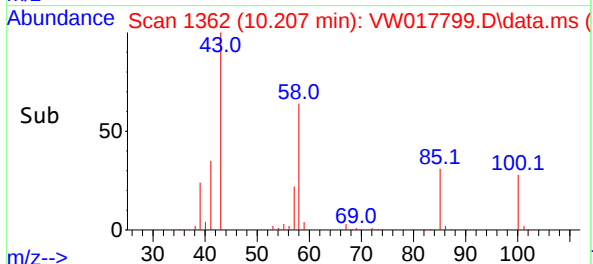
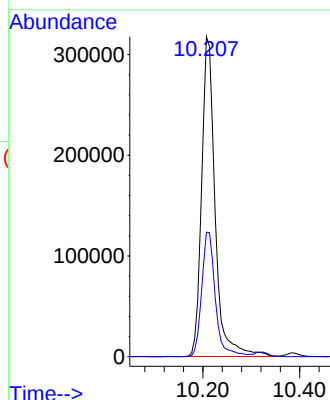
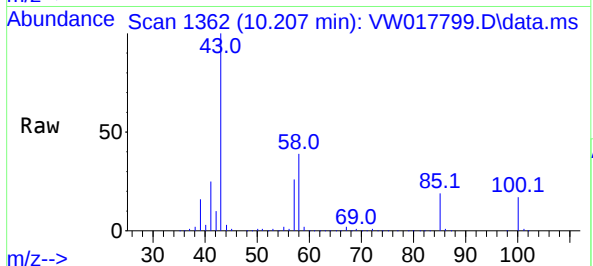
#51  
4-Methyl-2-Pentanone  
Concen: 468.42 ug/l  
RT: 10.207 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 43 Resp: 616657  
Ion Ratio Lower Upper  
43 100  
58 39.3 30.7 46.1

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

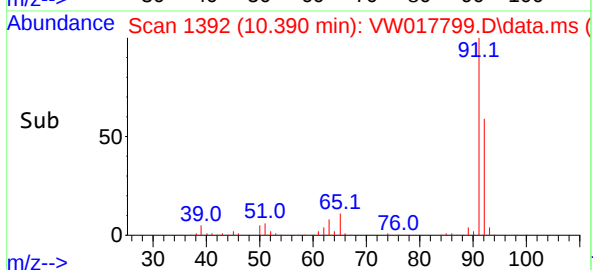
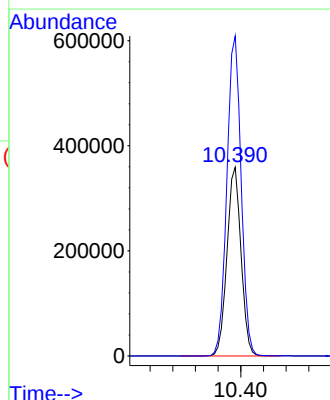
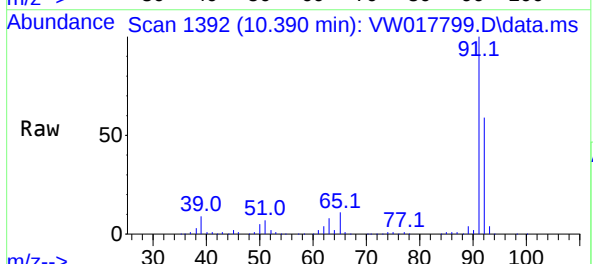
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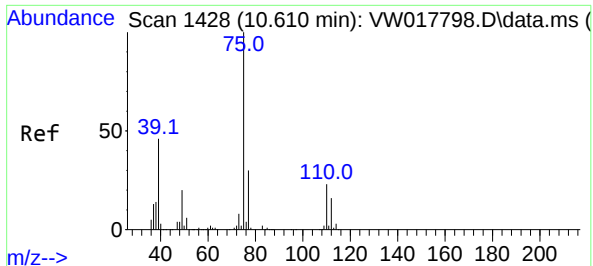
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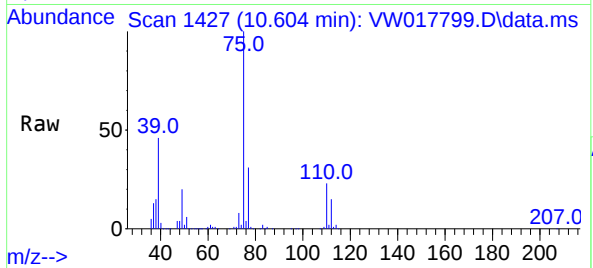
#52  
Toluene  
Concen: 94.28 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 92 Resp: 615729  
Ion Ratio Lower Upper  
92 100  
91 172.2 136.2 204.4

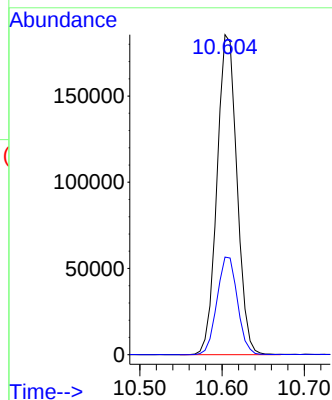




#53  
t-1,3-Dichloropropene  
Concen: 105.21 ug/l  
RT: 10.604 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



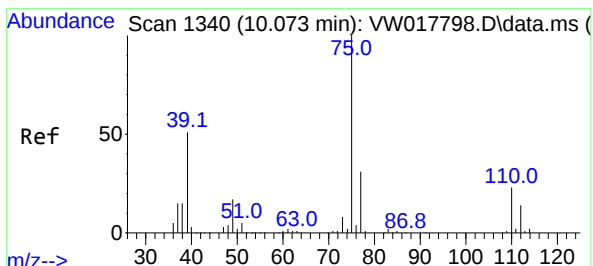
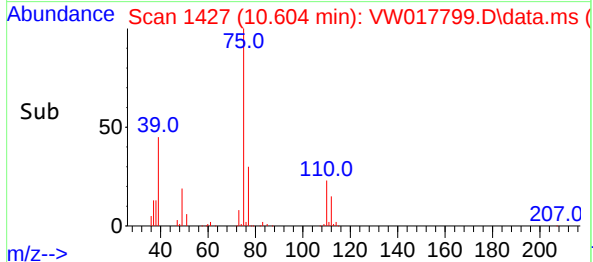
Tgt Ion: 75 Resp: 312836  
Ion Ratio Lower Upper  
75 100  
77 30.5 23.8 35.8



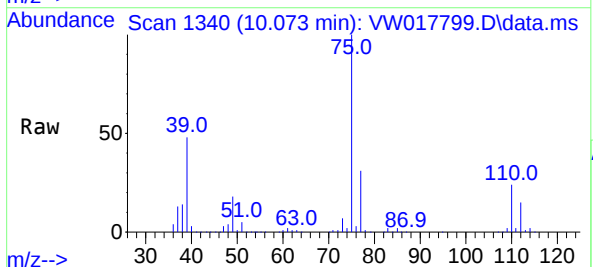
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

Manual Integrations  
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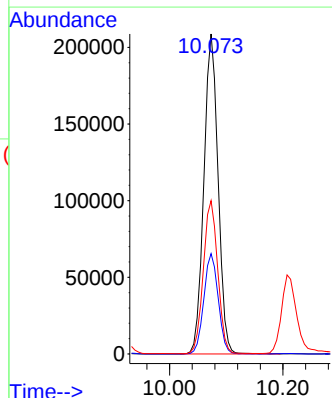
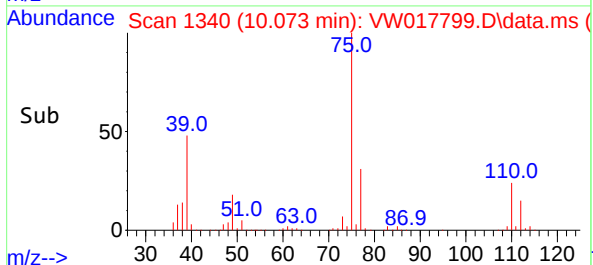
MMDadoda  
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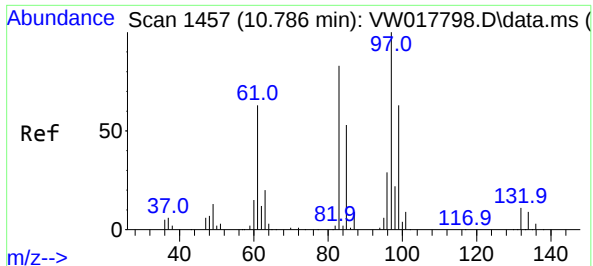


#54  
cis-1,3-Dichloropropene  
Concen: 100.32 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

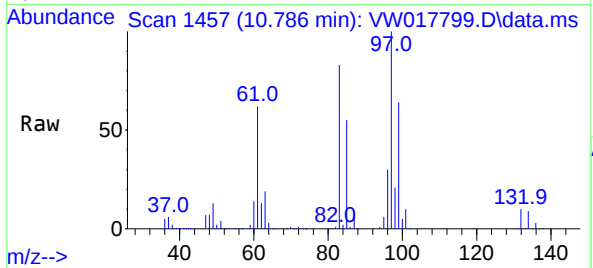


Tgt Ion: 75 Resp: 363279  
Ion Ratio Lower Upper  
75 100  
77 31.4 24.5 36.7  
39 47.8 40.6 61.0



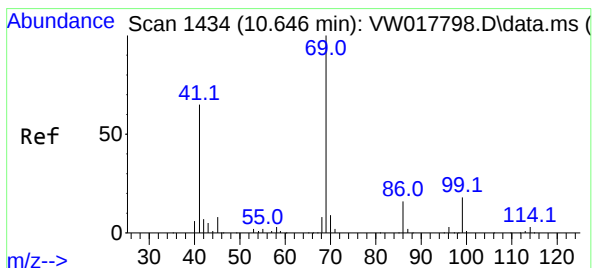
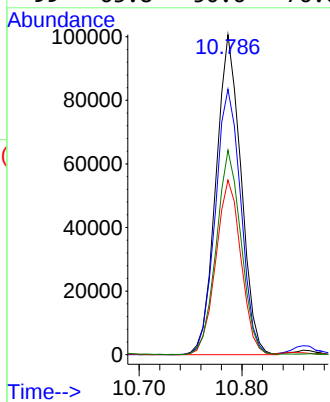
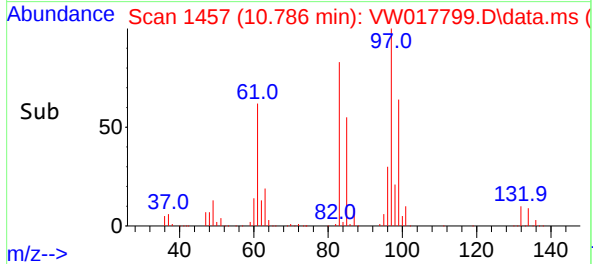


#55  
1,1,2-Trichloroethane  
Concen: 90.40 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

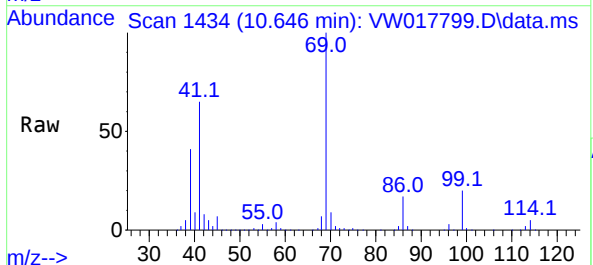


Tgt Ion: 97 Resp: 170008

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.9  | 66.6  | 100.0 |
| 85  | 54.6  | 42.6  | 63.8  |
| 99  | 63.8  | 50.6  | 76.0  |

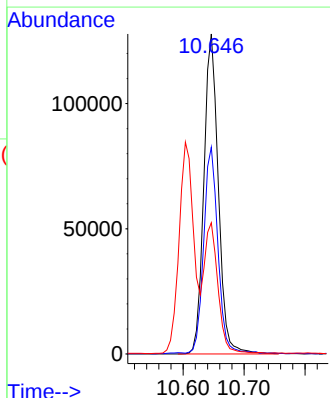
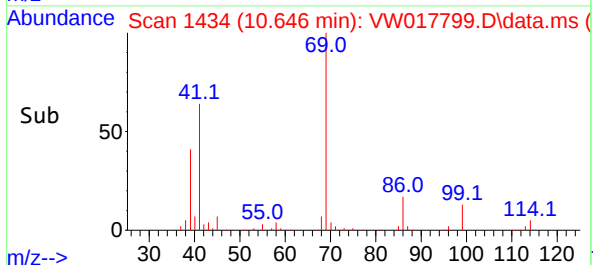


#56  
Ethyl methacrylate  
Concen: 101.44 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



Tgt Ion: 69 Resp: 211112

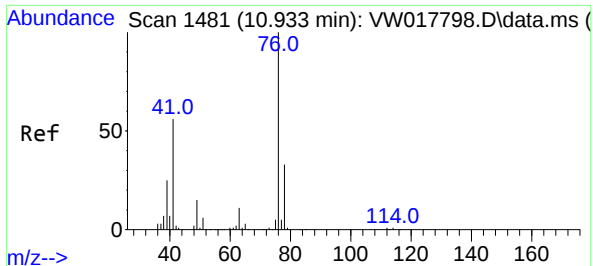
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.4  | 51.1  | 76.7  |
| 39  | 38.2  | 31.8  | 47.8  |



Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

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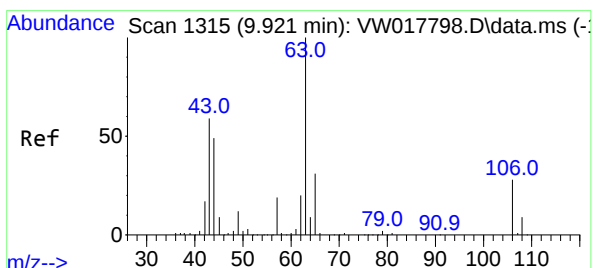
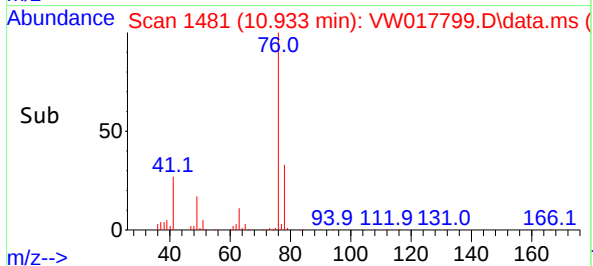
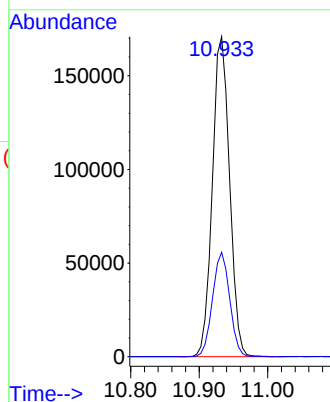
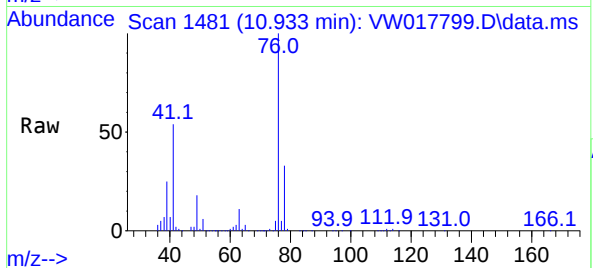
#57  
1,3-Dichloropropane  
Concen: 91.36 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 76 Resp: 297230  
Ion Ratio Lower Upper  
76 100  
78 32.6 26.2 39.4

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

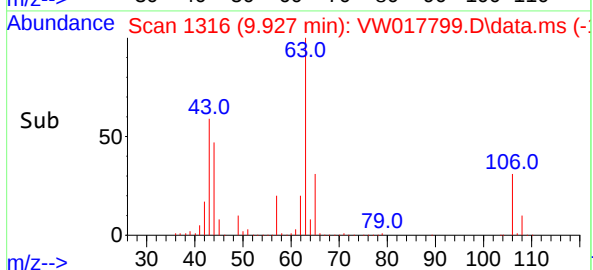
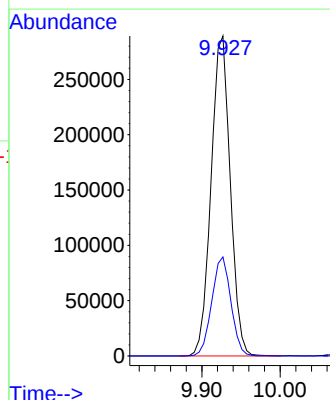
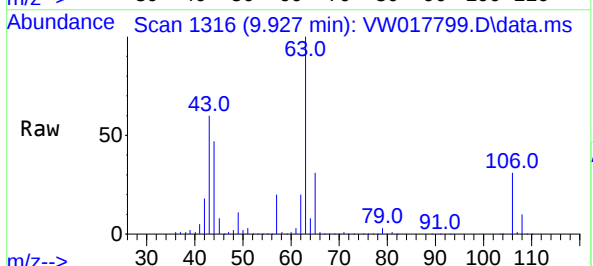
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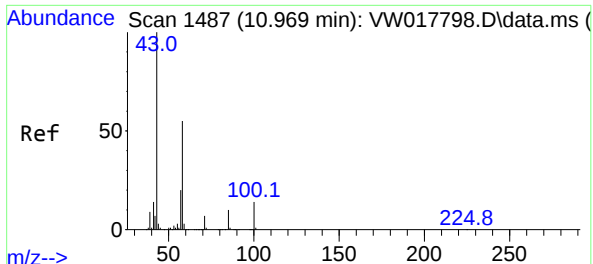
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#58  
2-Chloroethyl Vinyl ether  
Concen: 465.02 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. 0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 63 Resp: 492028  
Ion Ratio Lower Upper  
63 100  
106 30.8 23.5 35.3





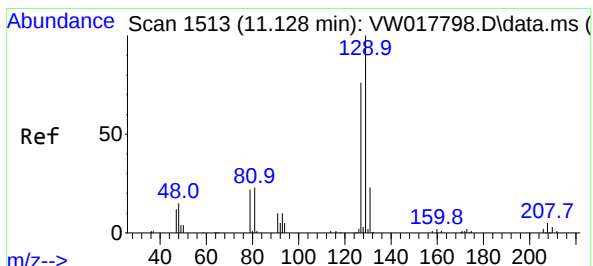
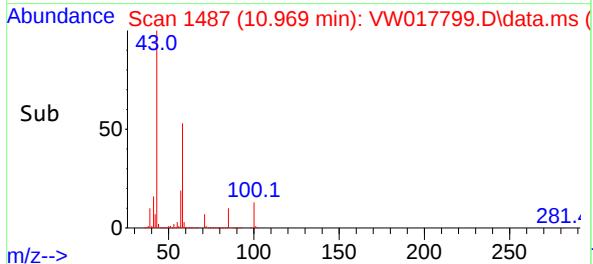
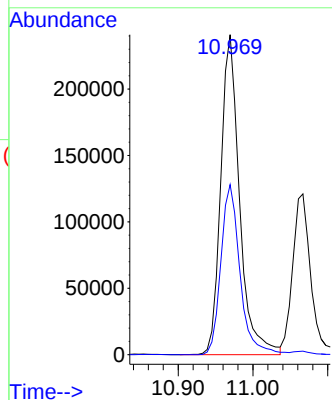
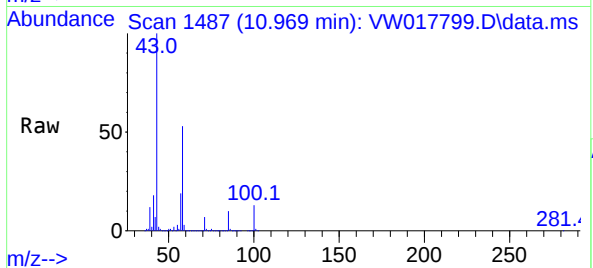
#59  
2-Hexanone  
Concen: 486.95 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 43 Resp: 421050  
Ion Ratio Lower Upper  
43 100  
58 54.1 27.4 82.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

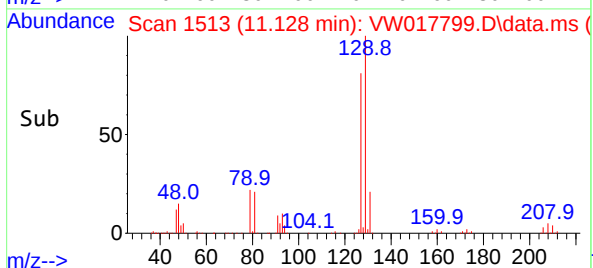
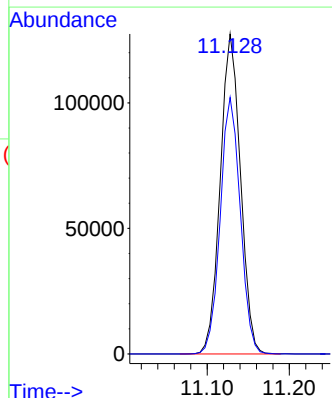
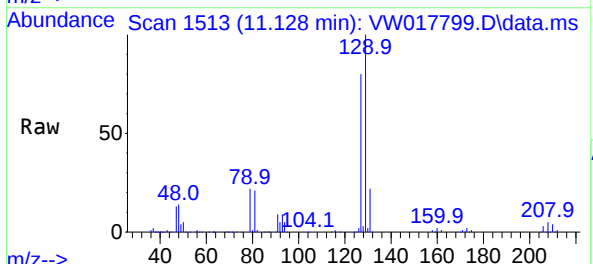
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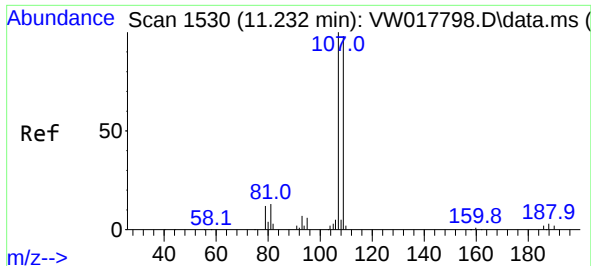
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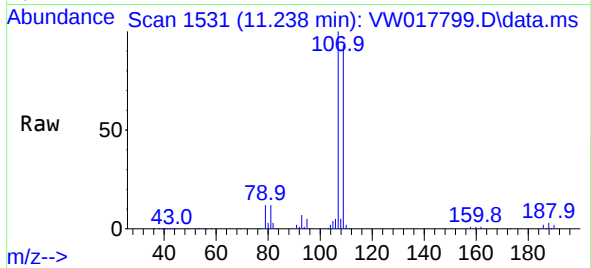
#60  
Dibromochloromethane  
Concen: 104.85 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:129 Resp: 218069  
Ion Ratio Lower Upper  
129 100  
127 79.2 37.6 112.9

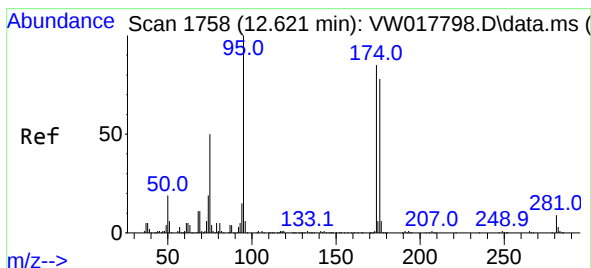
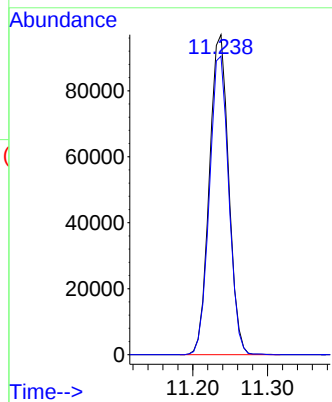
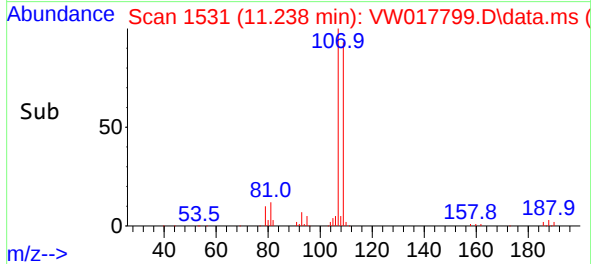




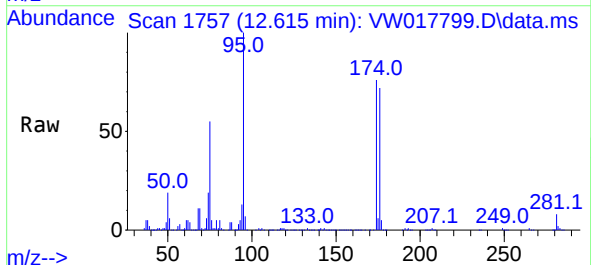
#61  
1,2-Dibromoethane  
Concen: 96.70 ug/l  
RT: 11.238 min Scan# 1531  
Delta R.T. 0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



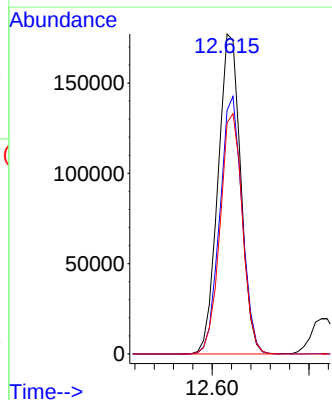
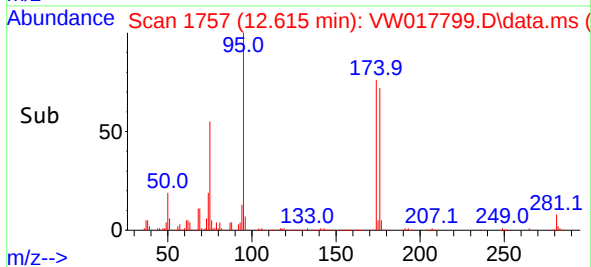
Tgt Ion:107 Resp: 174188  
Ion Ratio Lower Upper  
107 100  
109 93.3 77.5 116.3



#62  
4-Bromofluorobenzene  
Concen: 90.32 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



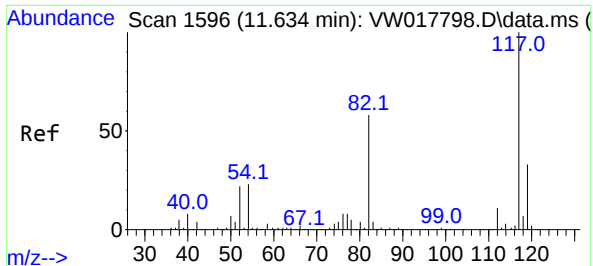
Tgt Ion: 95 Resp: 288015  
Ion Ratio Lower Upper  
95 100  
174 79.2 0.0 159.4  
176 74.2 0.0 150.0



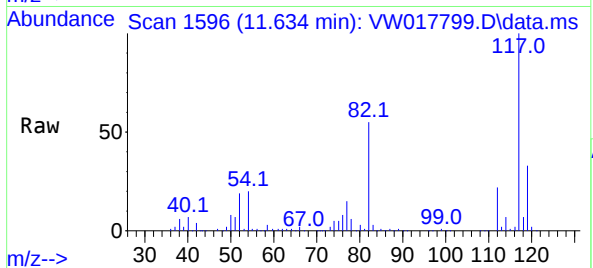
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

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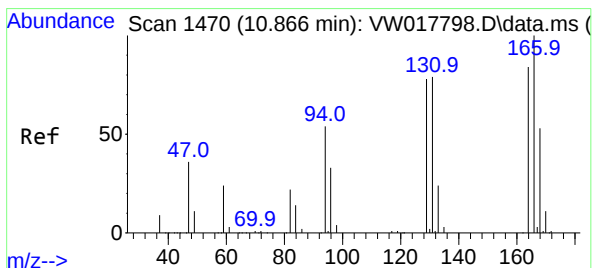
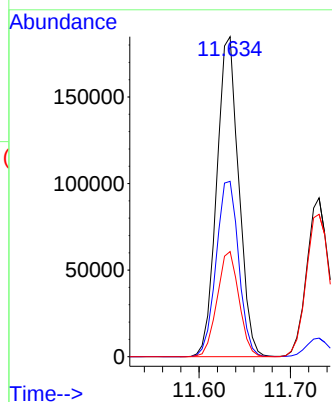
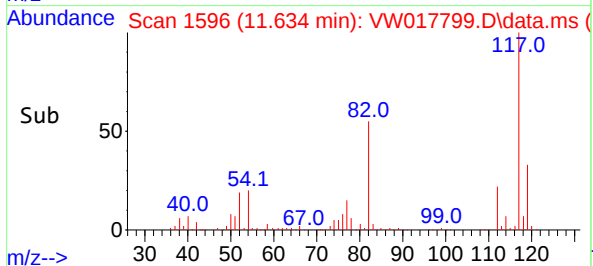
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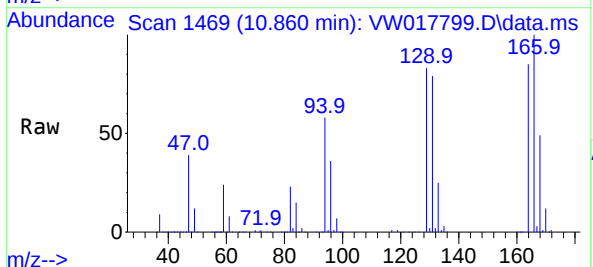
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



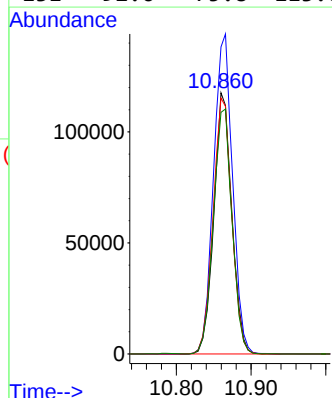
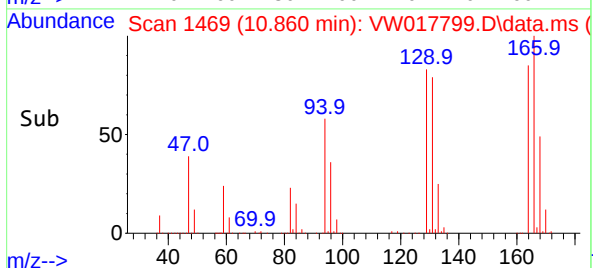
Tgt Ion:117 Resp: 309793  
Ion Ratio Lower Upper  
117 100  
82 54.8 46.4 69.6  
119 32.8 26.6 40.0



#64  
Tetrachloroethene  
Concen: 90.82 ug/l  
RT: 10.860 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



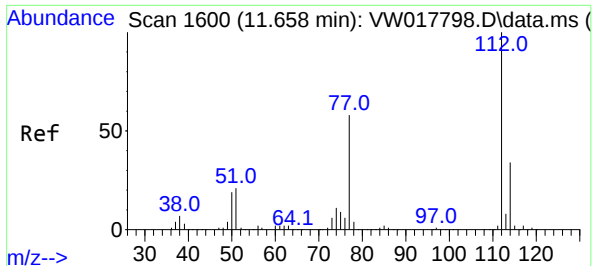
Tgt Ion:164 Resp: 197307  
Ion Ratio Lower Upper  
164 100  
166 117.6 95.8 143.6  
129 98.0 74.5 111.7  
131 92.6 75.8 113.6



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

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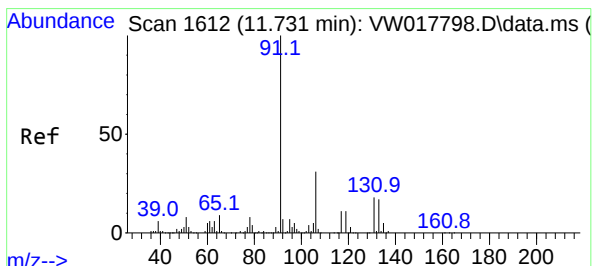
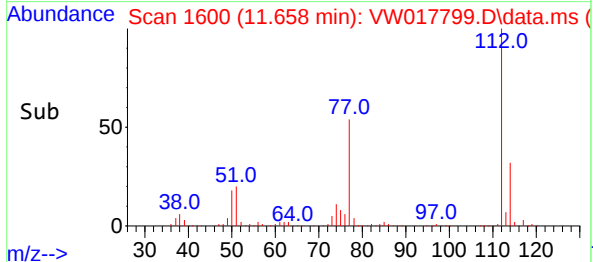
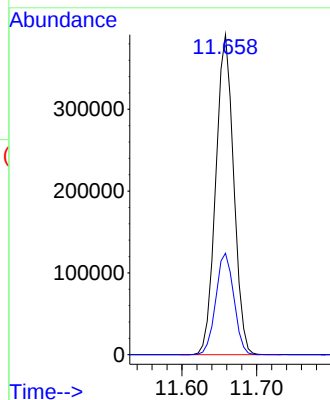
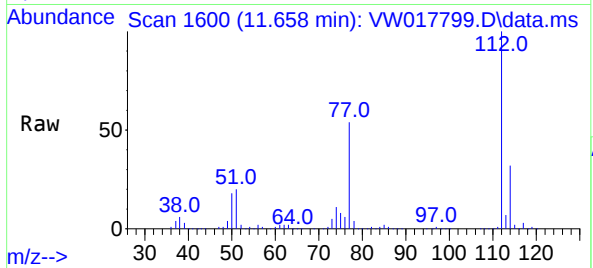
#65  
Chlorobenzene  
Concen: 93.92 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tgt Ion:112 Resp: 650455  
Ion Ratio Lower Upper  
112 100  
114 31.7 26.9 40.3

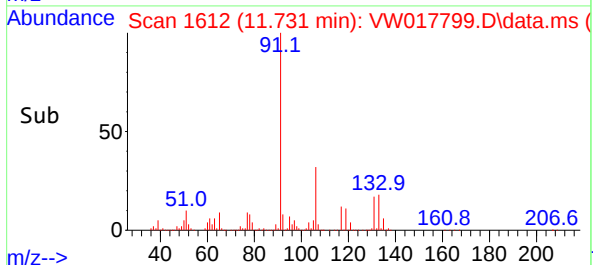
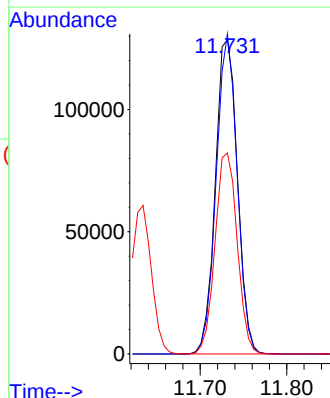
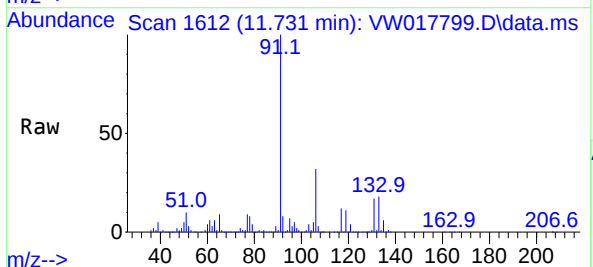
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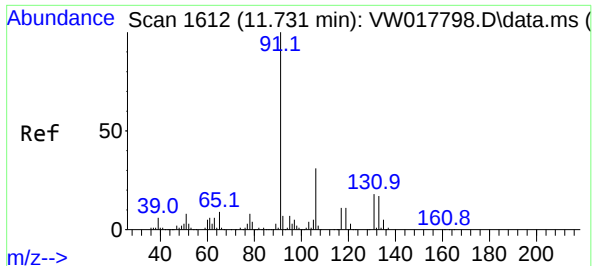
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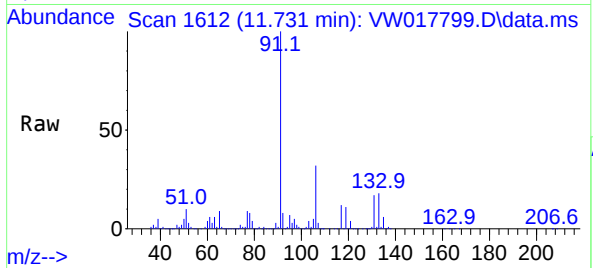
#66  
1,1,1,2-Tetrachloroethane  
Concen: 100.89 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:131 Resp: 228325  
Ion Ratio Lower Upper  
131 100  
133 96.0 46.9 140.6  
119 63.9 32.1 96.5

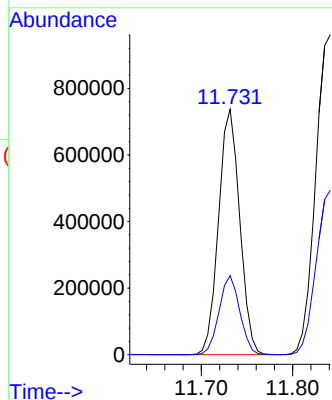




#67  
Ethyl Benzene  
Concen: 93.84 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



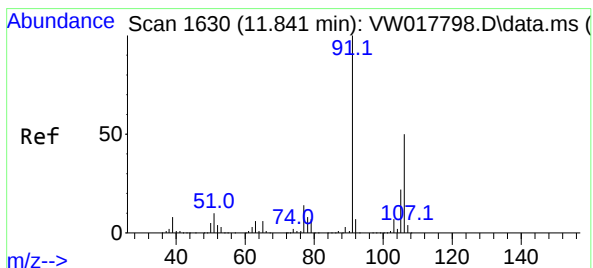
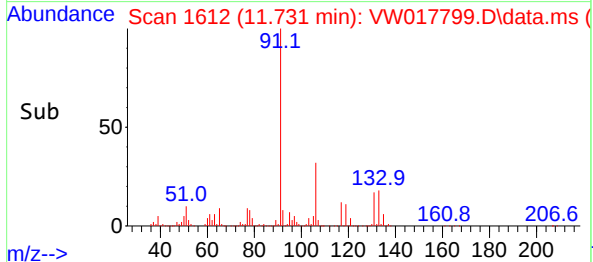
Tgt Ion: 91 Resp: 1188732  
Ion Ratio Lower Upper  
91 100  
106 32.2 25.0 37.4



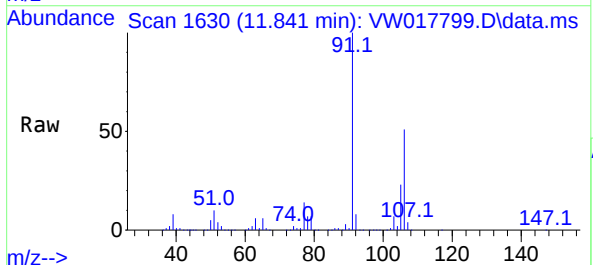
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

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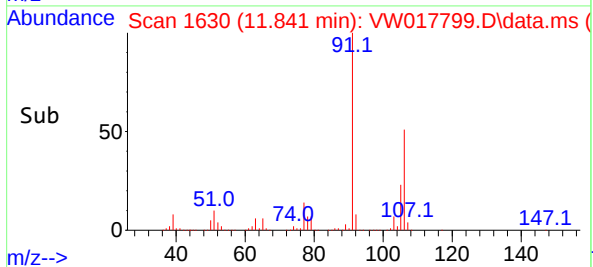
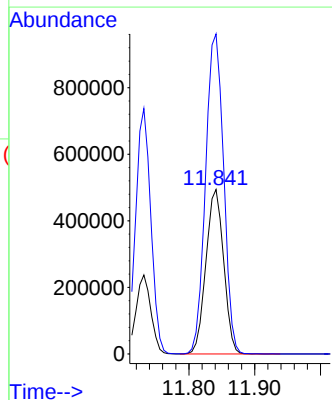
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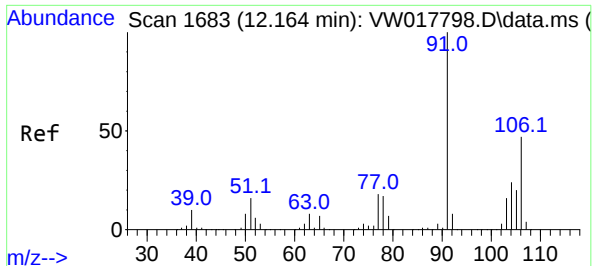


#68  
m/p-Xylenes  
Concen: 193.45 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



Tgt Ion:106 Resp: 925458  
Ion Ratio Lower Upper  
106 100  
91 198.3 160.4 240.6





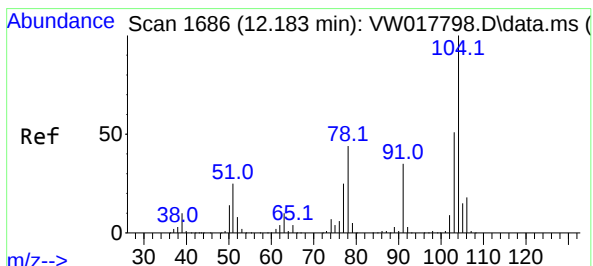
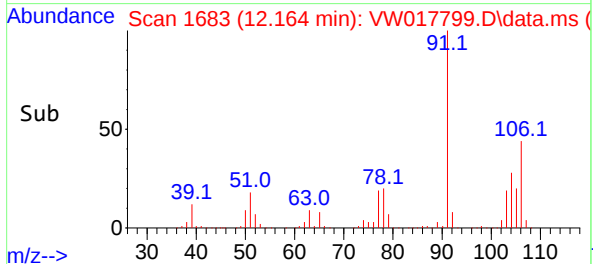
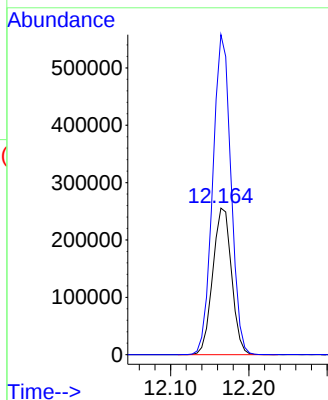
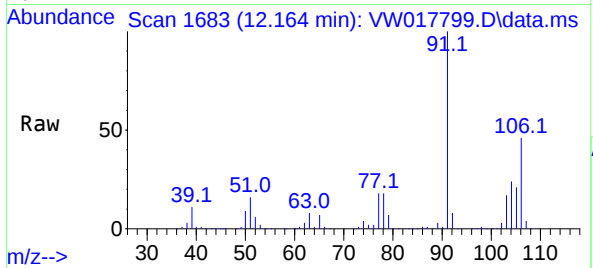
#69  
o-Xylene  
Concen: 97.20 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tgt Ion:106 Resp: 426609  
Ion Ratio Lower Upper  
106 100  
91 211.3 106.1 318.3

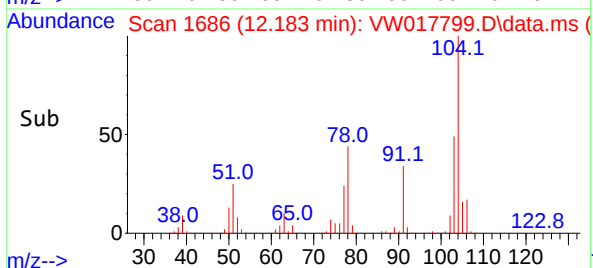
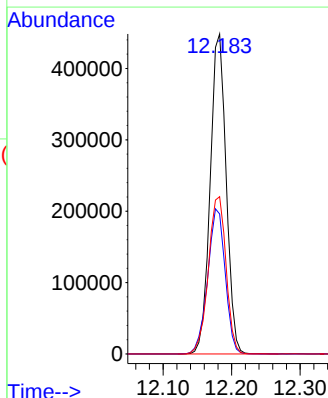
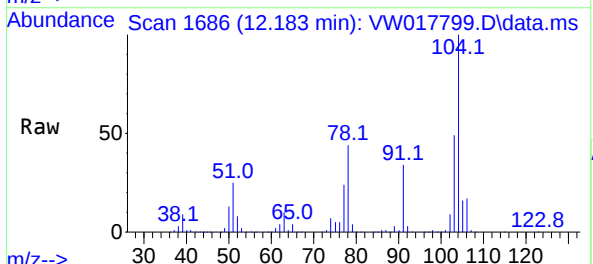
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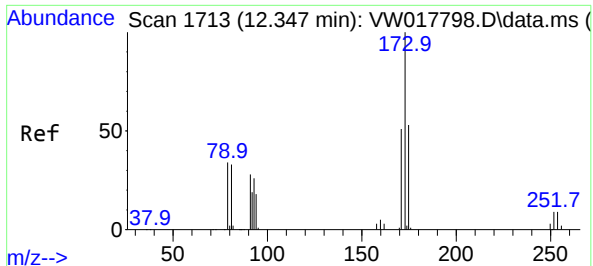
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#70  
Styrene  
Concen: 99.94 ug/l  
RT: 12.183 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:104 Resp: 727845  
Ion Ratio Lower Upper  
104 100  
78 49.8 41.0 61.4  
103 54.5 43.9 65.9





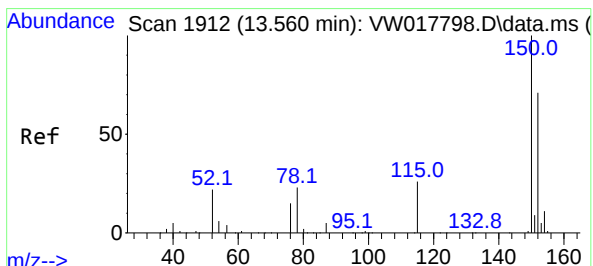
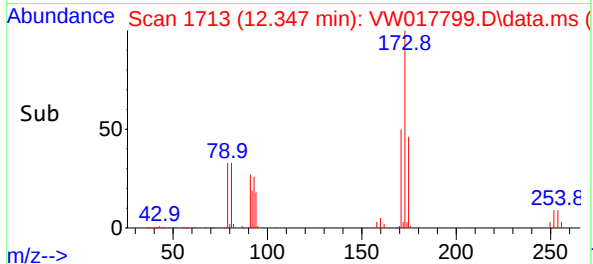
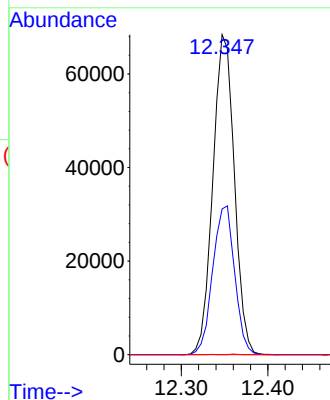
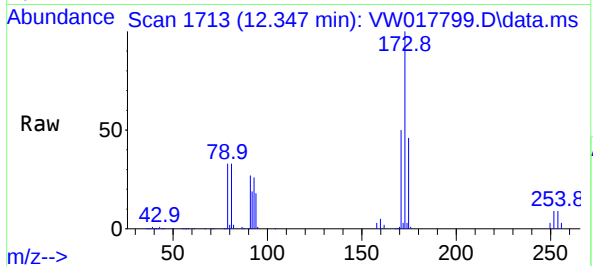
#71  
Bromoform  
Concen: 112.05 ug/l  
RT: 12.347 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:173 Resp: 117923  
Ion Ratio Lower Upper  
173 100  
175 47.4 23.9 71.7  
254 0.1 0.0 0.0#

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

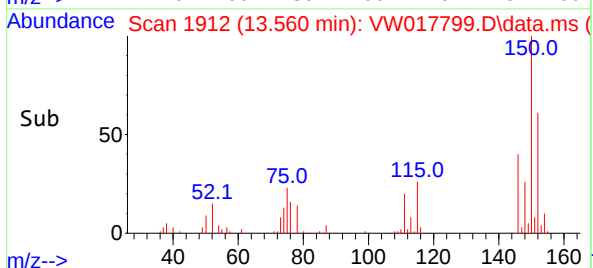
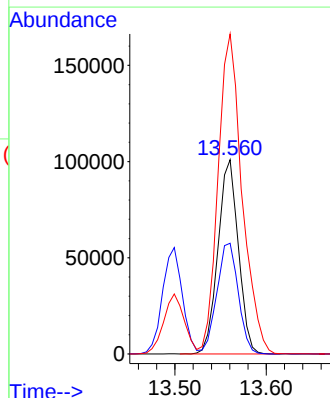
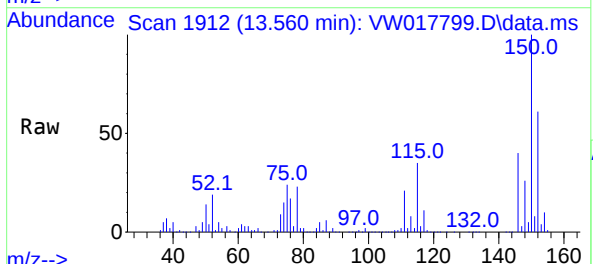
Manual Integrations  
APPROVED

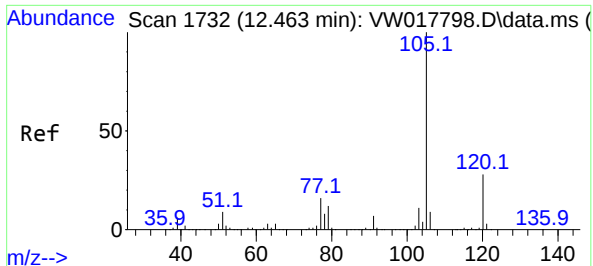
MMDadoda  
1/8/2021 2:31:24 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:152 Resp: 156459  
Ion Ratio Lower Upper  
152 100  
115 60.1 30.3 90.9  
150 194.4 0.0 347.4





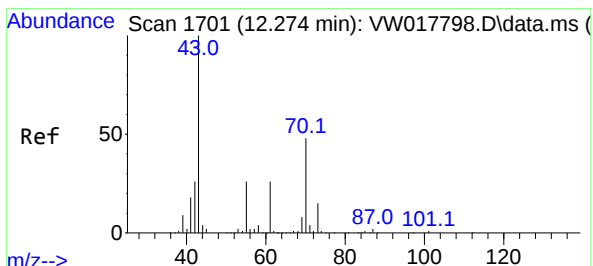
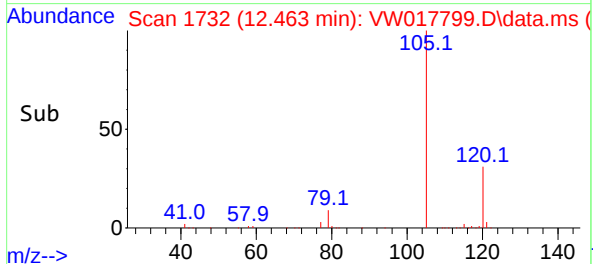
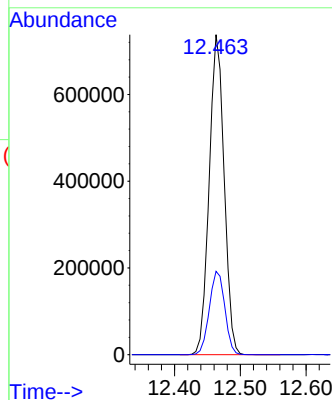
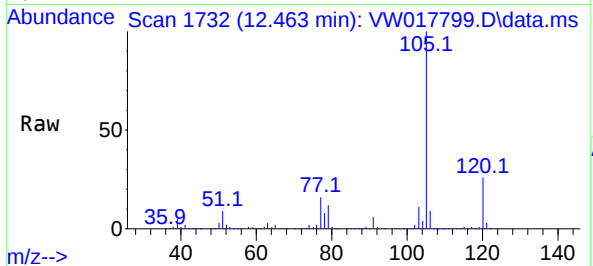
#73  
Isopropylbenzene  
Concen: 94.03 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 105 Resp: 1166570  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.4 40.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

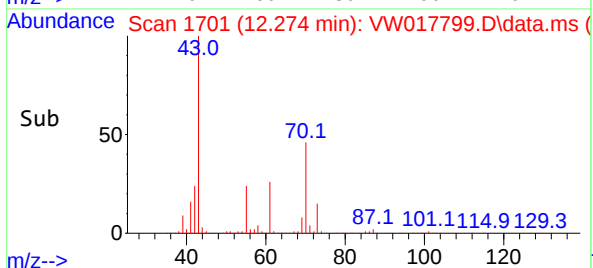
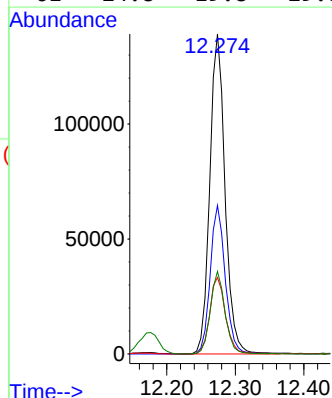
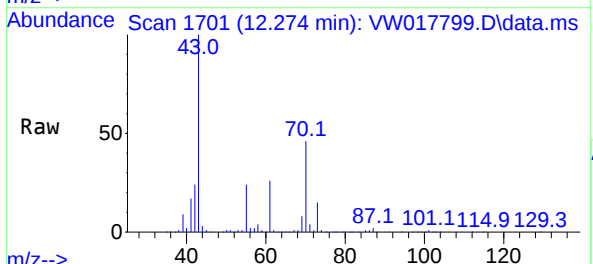
Manual Integrations  
APPROVED

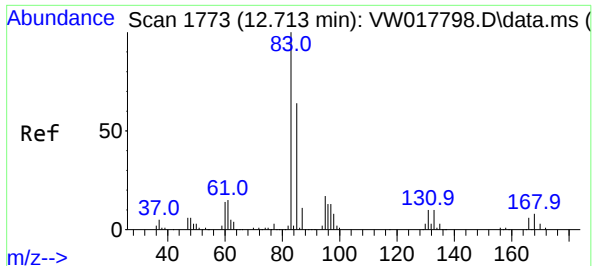
MMDadoda  
1/8/2021 2:31:24 PM



#74  
N-ethyl acetate  
Concen: 101.26 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 43 Resp: 215424  
Ion Ratio Lower Upper  
43 100  
70 45.8 37.6 56.4  
55 24.9 20.5 30.7  
61 24.8 19.8 29.8





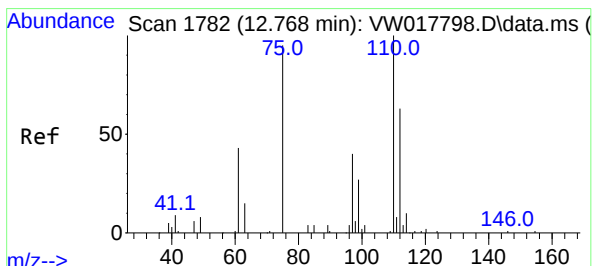
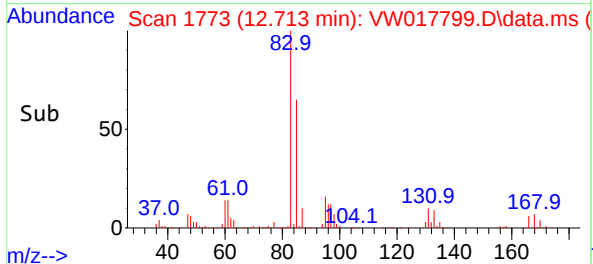
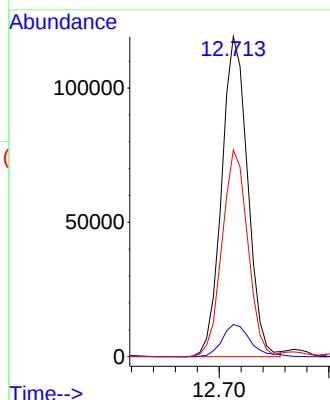
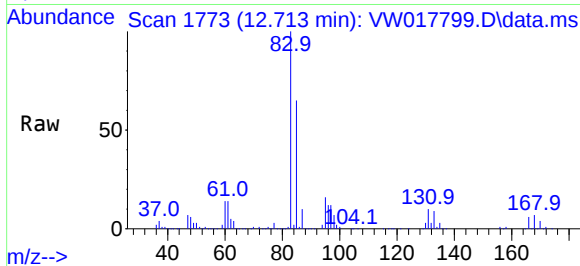
#75  
1,1,2,2-Tetrachloroethane  
Concen: 90.79 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 83 Resp: 196123  
Ion Ratio Lower Upper  
83 100  
131 11.0 5.5 16.5  
85 64.0 32.7 98.1

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

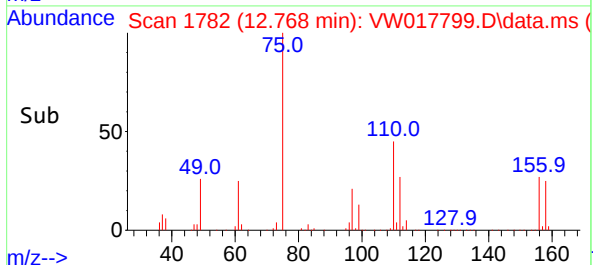
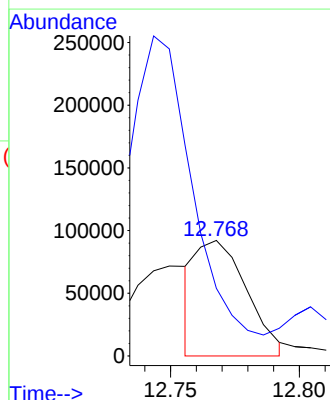
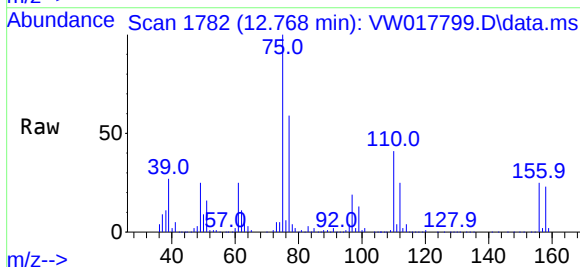
Manual Integrations  
APPROVED

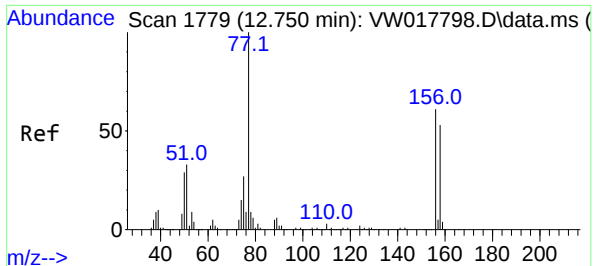
MMDadoda  
1/8/2021 2:31:24 PM



#76  
1,2,3-Trichloropropane  
Concen: 86.42 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 75 Resp: 126118  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





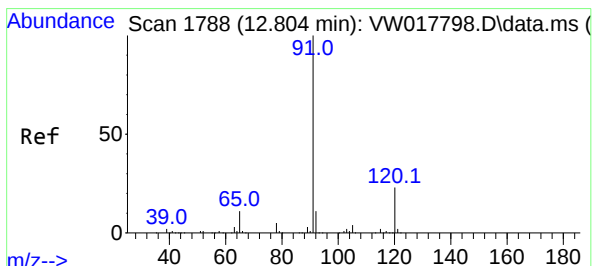
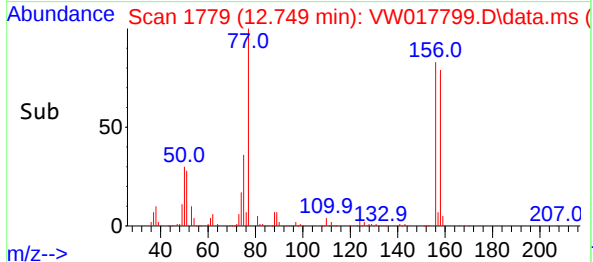
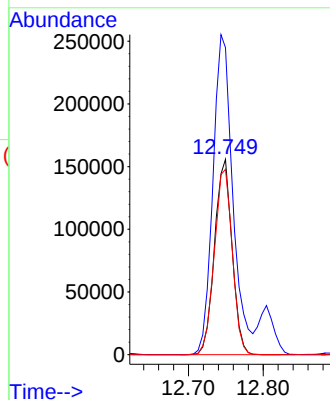
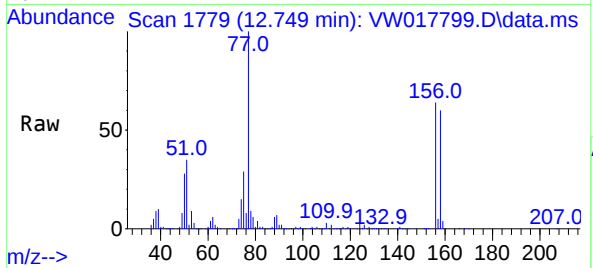
#77  
Bromobenzene  
Concen: 95.08 ug/l  
RT: 12.749 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:156 Resp: 253992  
Ion Ratio Lower Upper  
156 100  
77 185.0 94.1 282.3  
158 97.5 47.3 142.0

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

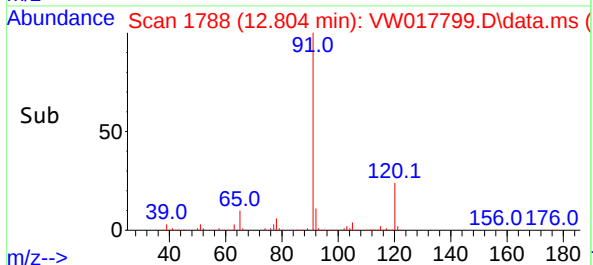
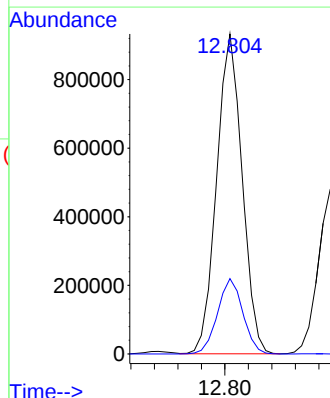
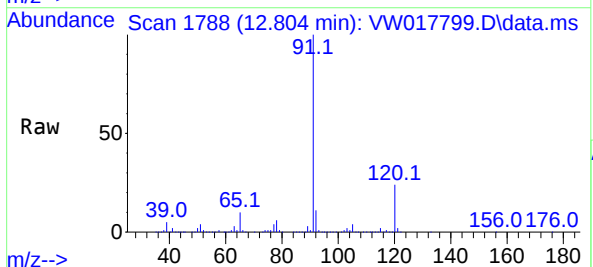
Manual Integrations  
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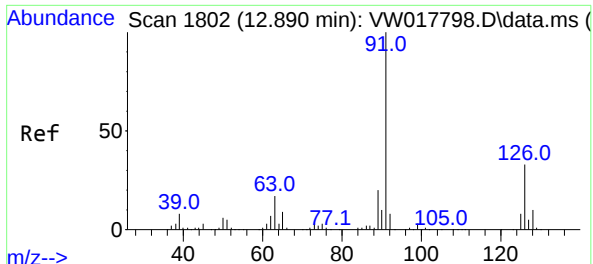
MMDadoda  
1/8/2021 2:31:24 PM



#78  
n-propylbenzene  
Concen: 93.41 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 91 Resp: 1404626  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.5 34.5





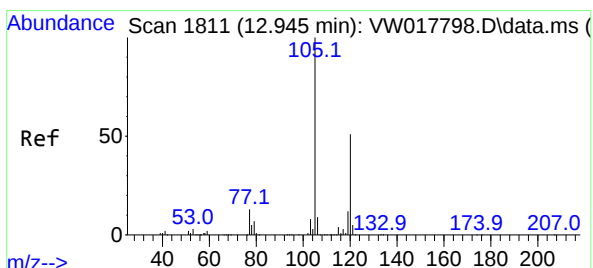
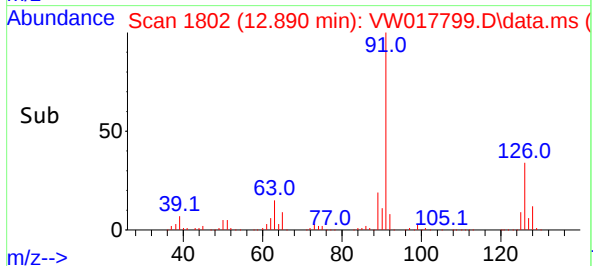
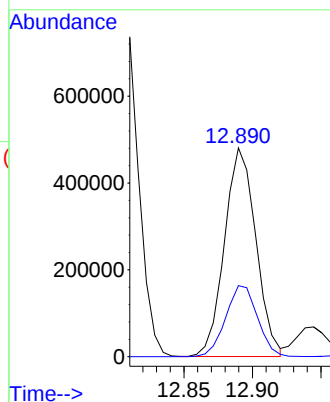
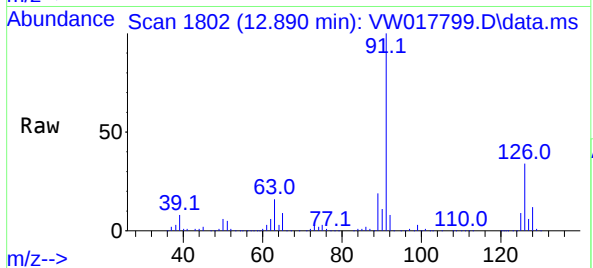
#79  
2-Chlorotoluene  
Concen: 92.37 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 91 Resp: 765872  
Ion Ratio Lower Upper  
91 100  
126 34.6 17.1 51.3

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

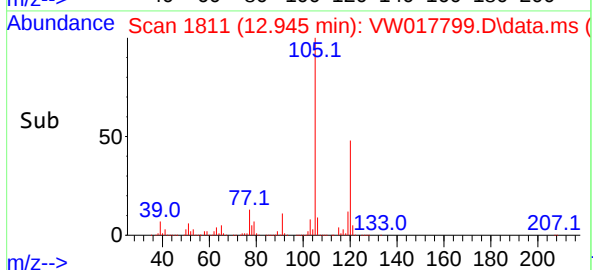
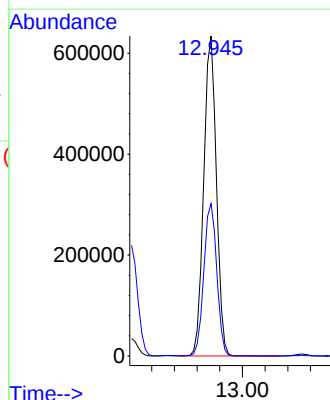
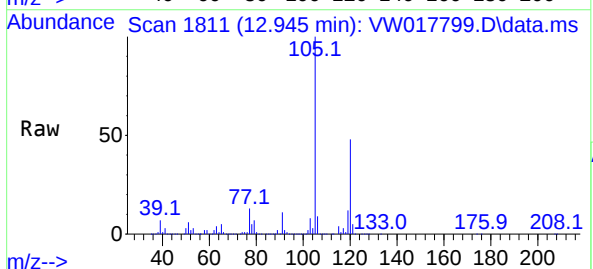
Manual Integrations  
APPROVED

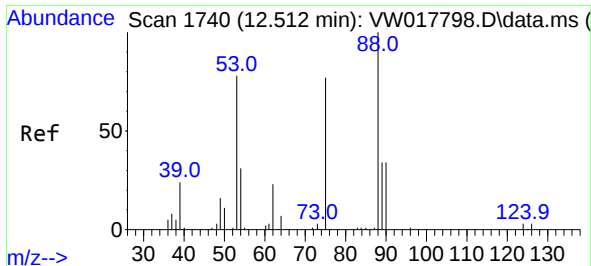
MMDadoda  
1/8/2021 2:31:24 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 95.12 ug/l  
RT: 12.945 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

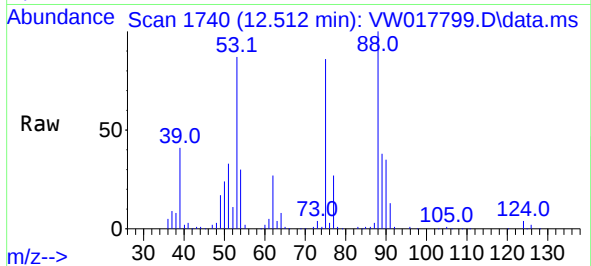
Tgt Ion: 105 Resp: 983005  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.9 74.8





#81  
trans-1,4-Dichloro-2-butene  
Concen: 117.98 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

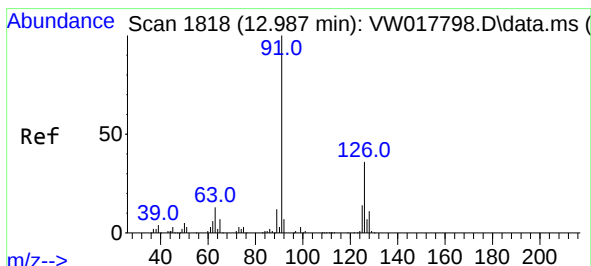
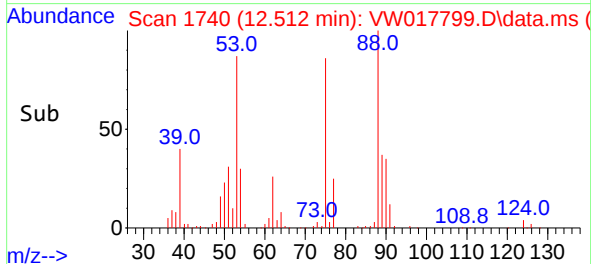
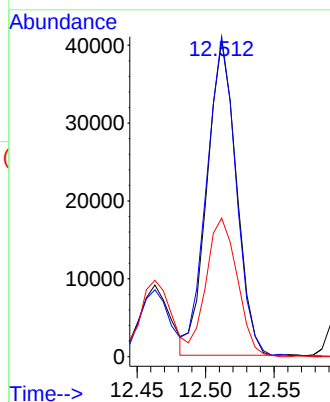
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100



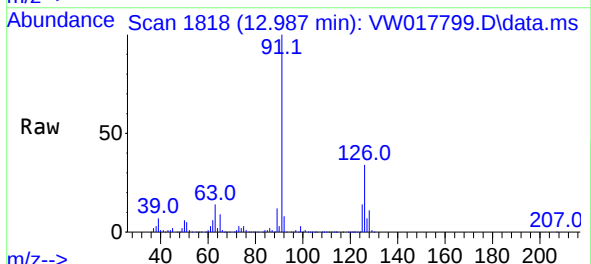
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 102.6 | 80.6  | 121.0 |
| 89      | 46.5  | 38.4  | 57.6  |

Manual Integrations  
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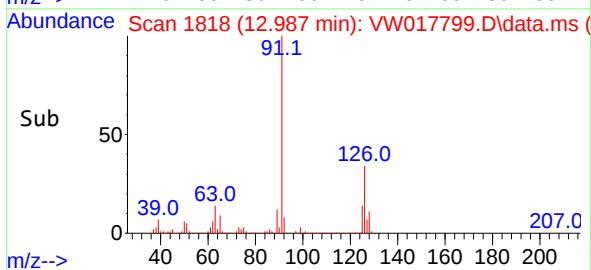
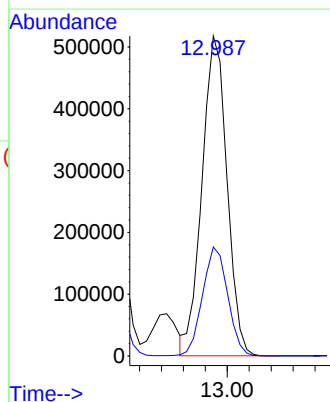
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1/8/2021 2:31:24 PM

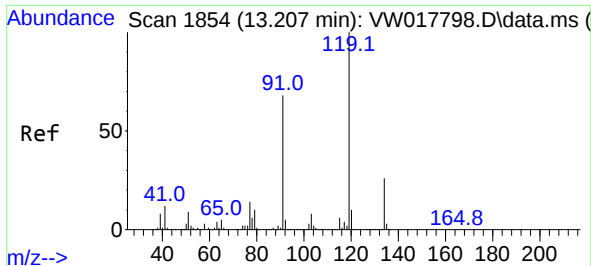


#82  
4-Chlorotoluene  
Concen: 91.55 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.4  | 17.0  | 51.0  |





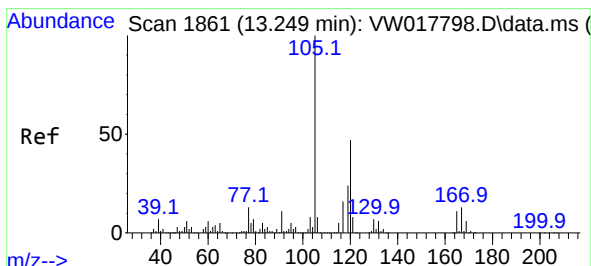
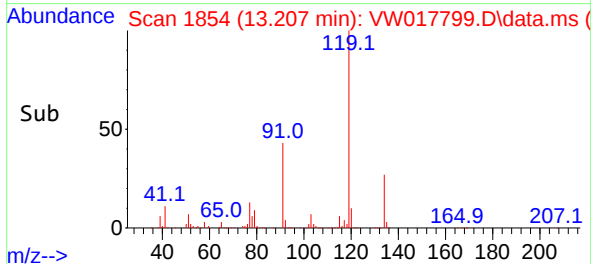
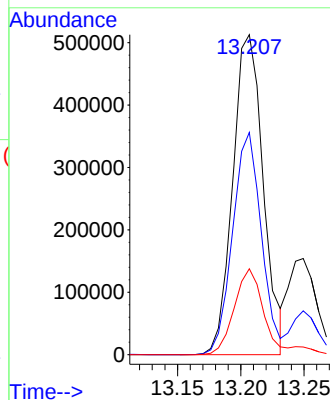
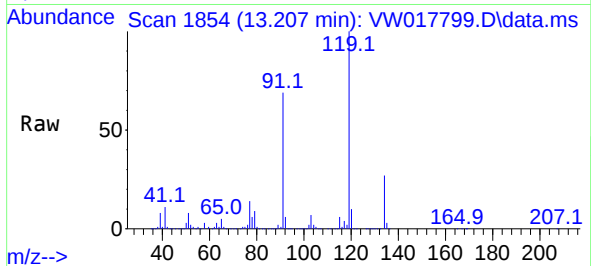
#83  
tert-Butylbenzene  
Concen: 96.37 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:119 Resp: 859239  
Ion Ratio Lower Upper  
119 100  
91 65.5 33.6 100.6  
134 25.4 12.8 38.3

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

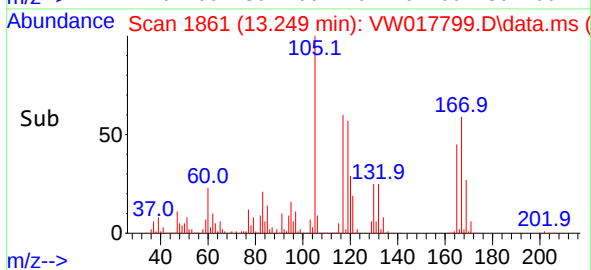
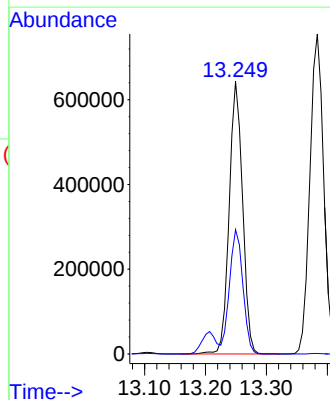
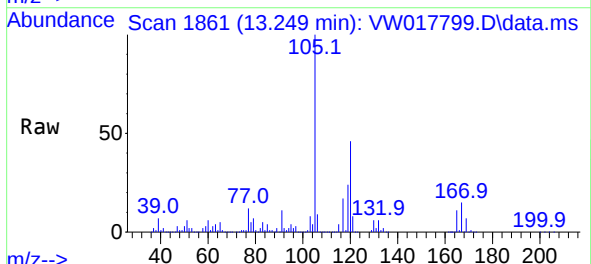
Manual Integrations  
APPROVED

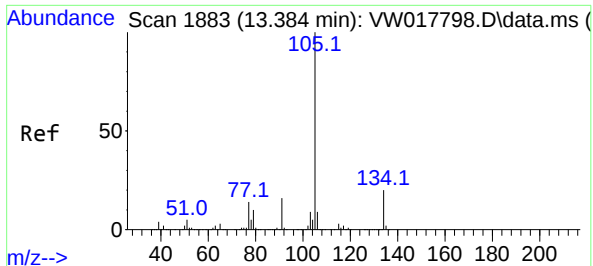
MMDadoda  
1/8/2021 2:31:24 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 93.02 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

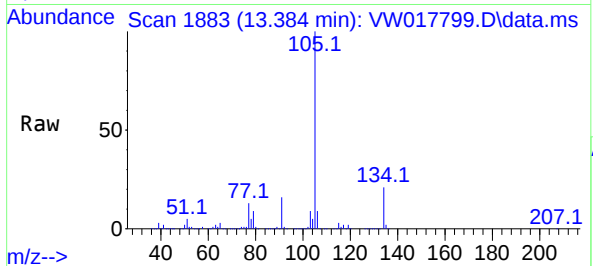
Tgt Ion:105 Resp: 978854  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.2 66.6





#85  
sec-Butylbenzene  
Concen: 93.05 ug/l  
RT: 13.384 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

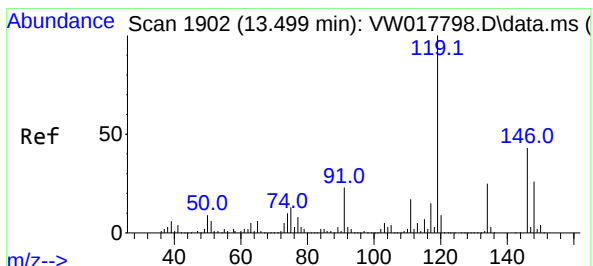
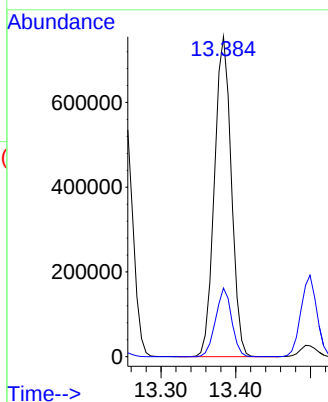
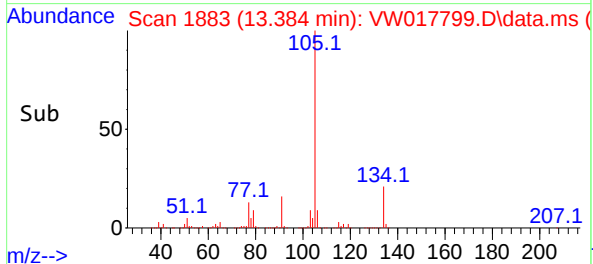
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100



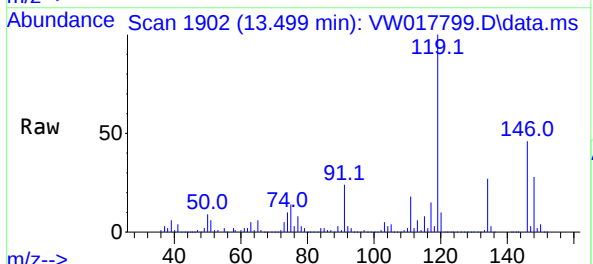
Tgt Ion:105 Resp: 1182483  
Ion Ratio Lower Upper  
105 100  
134 20.4 10.0 29.8

Manual Integrations  
APPROVED

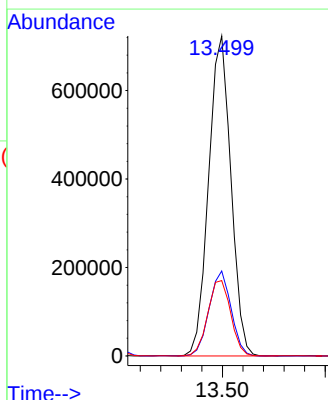
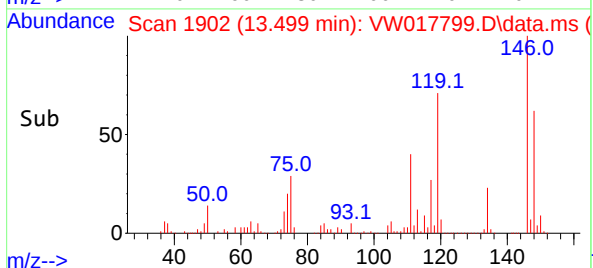
MMDadoda  
1/8/2021 2:31:24 PM

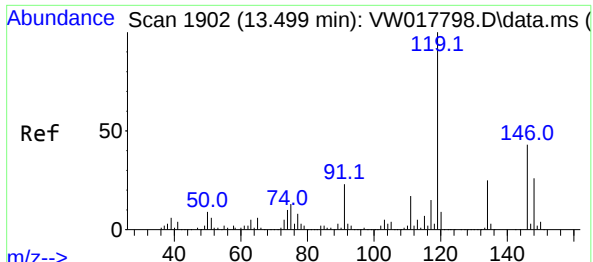


#86  
p-Isopropyltoluene  
Concen: 94.17 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



Tgt Ion:119 Resp: 1086480  
Ion Ratio Lower Upper  
119 100  
134 26.2 12.8 38.3  
91 24.3 12.0 36.0





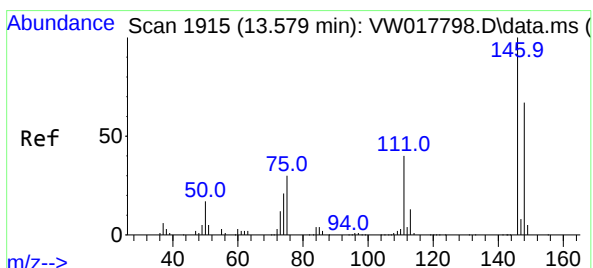
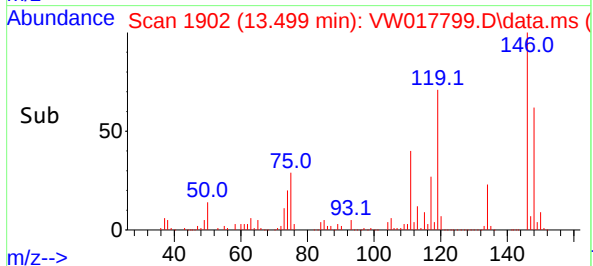
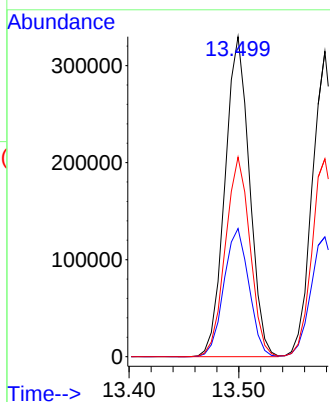
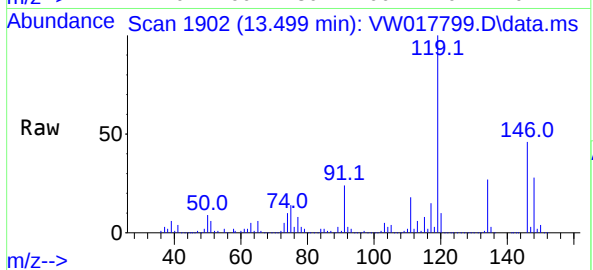
#87  
1,3-Dichlorobenzene  
Concen: 94.11 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:146 Resp: 512955  
Ion Ratio Lower Upper  
146 100  
111 40.9 21.3 64.0  
148 62.7 30.4 91.2

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICC100

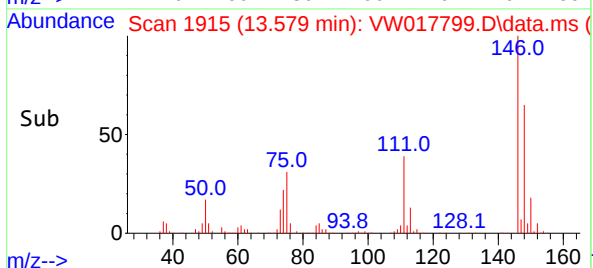
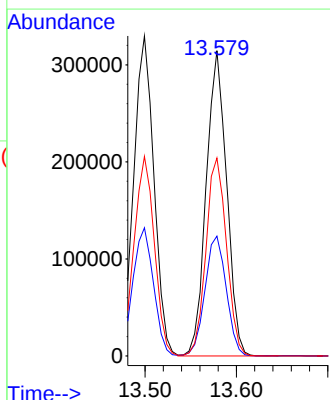
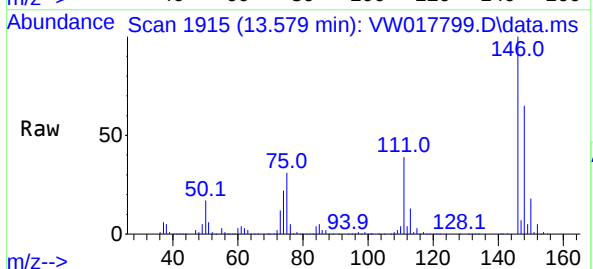
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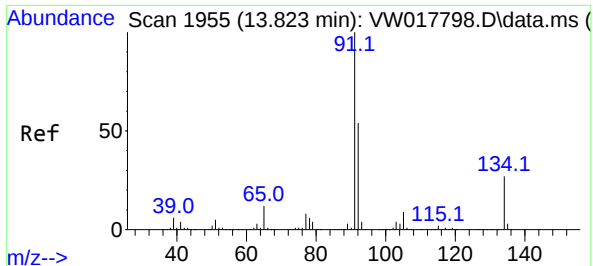
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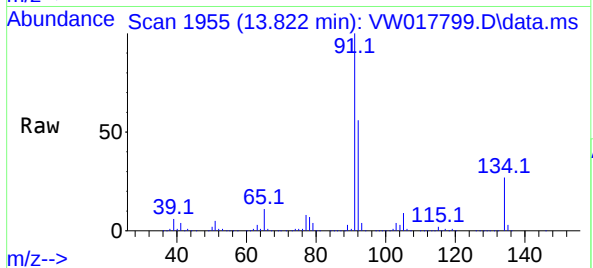
#88  
1,4-Dichlorobenzene  
Concen: 87.62 ug/l  
RT: 13.579 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:146 Resp: 487482  
Ion Ratio Lower Upper  
146 100  
111 40.9 19.8 59.4  
148 65.2 32.6 97.8

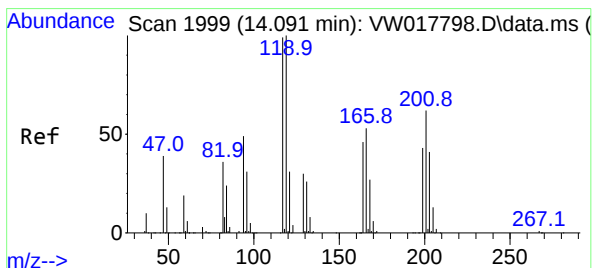
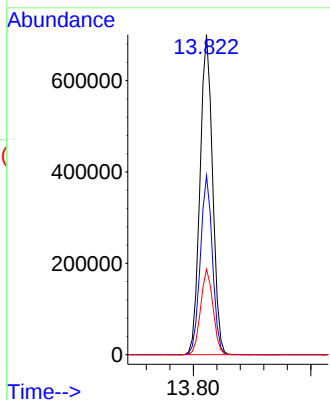
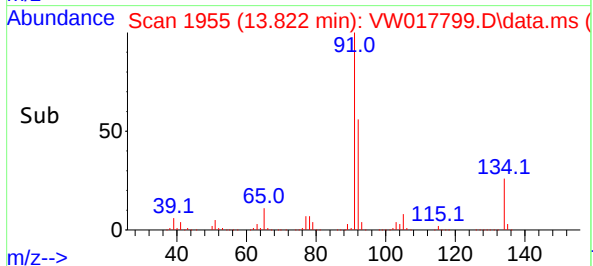




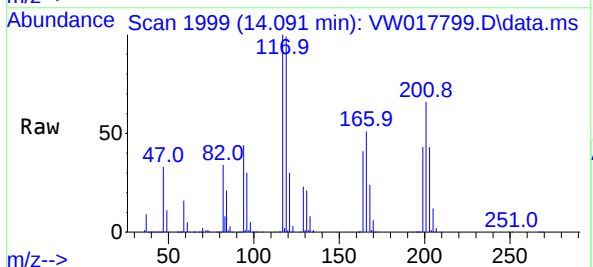
#89  
n-Butylbenzene  
Concen: 90.40 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



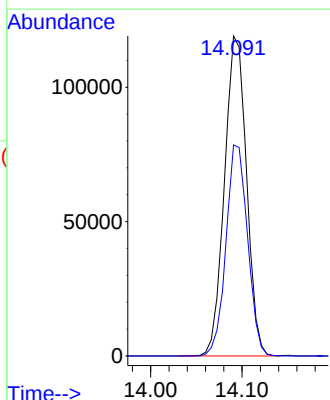
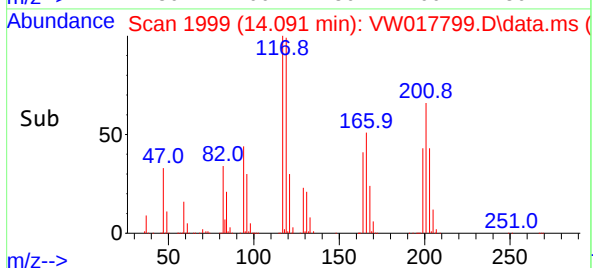
Tgt Ion: 91 Resp: 1040908  
Ion Ratio Lower Upper  
91 100  
92 54.0 26.8 80.4  
134 26.4 13.1 39.3



#90  
Hexachloroethane  
Concen: 106.74 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



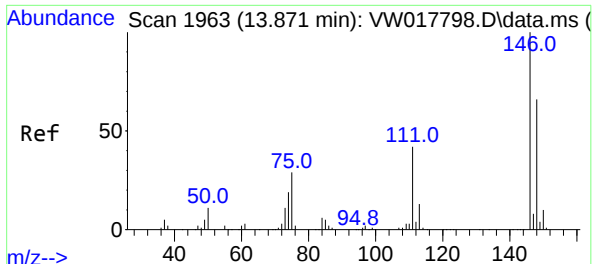
Tgt Ion: 117 Resp: 199878  
Ion Ratio Lower Upper  
117 100  
201 64.7 32.0 96.2



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

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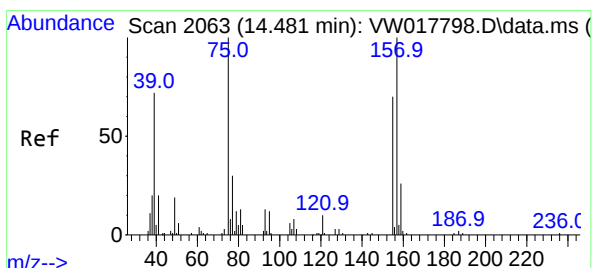
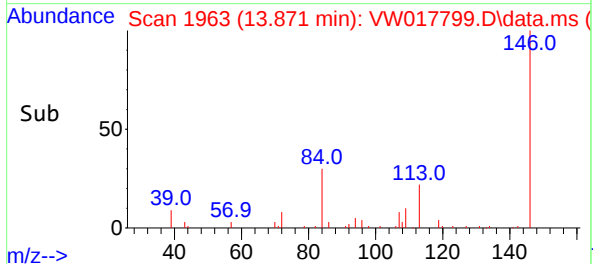
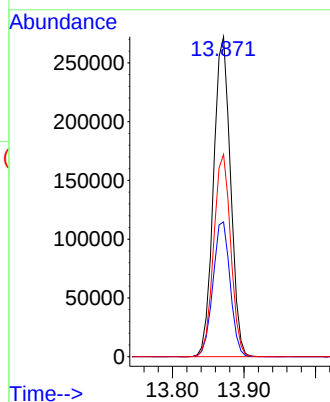
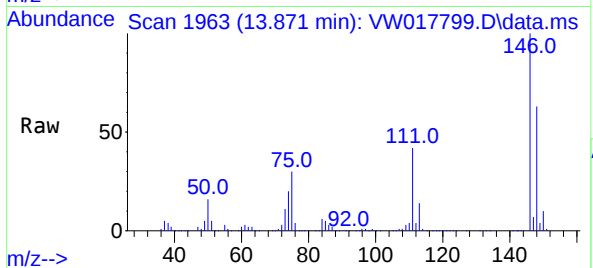
#91  
1,2-Dichlorobenzene  
Concen: 93.91 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:146 Resp: 448869  
Ion Ratio Lower Upper  
146 100  
111 42.6 21.3 64.0  
148 63.2 31.7 95.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

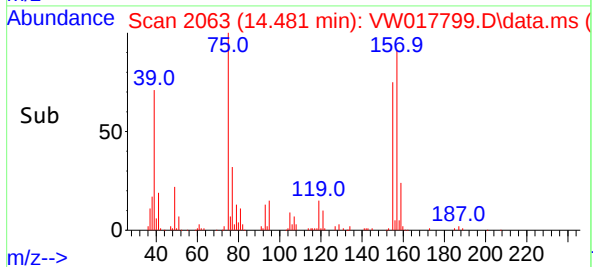
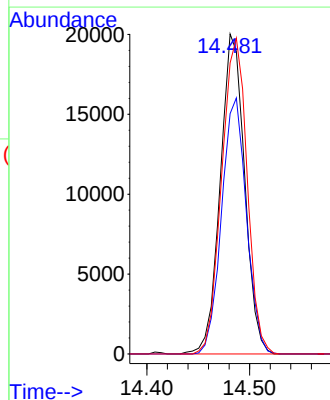
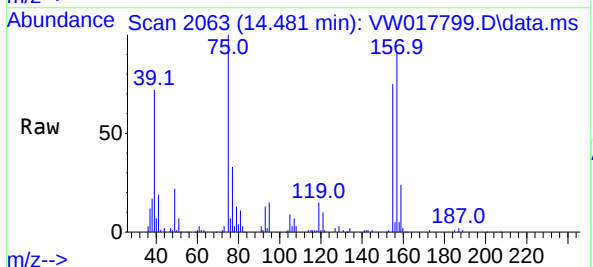
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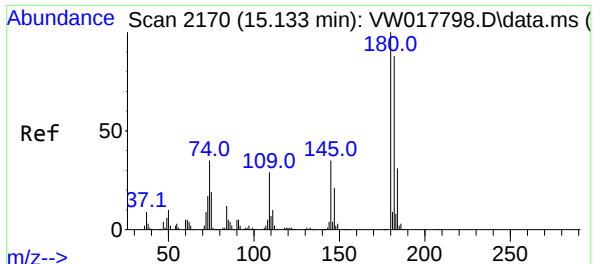
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 89.38 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion: 75 Resp: 32933  
Ion Ratio Lower Upper  
75 100  
155 81.5 40.3 120.8  
157 103.0 52.8 158.4





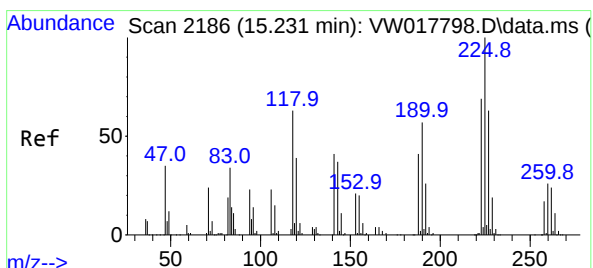
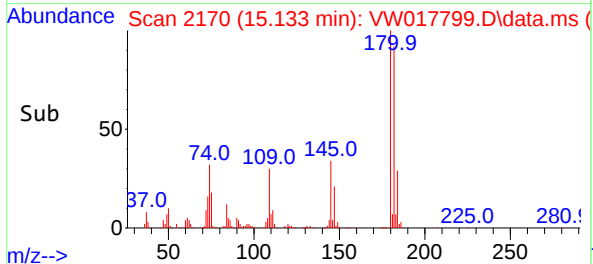
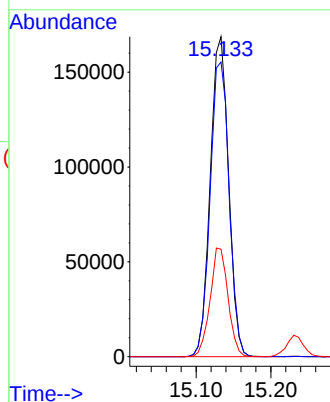
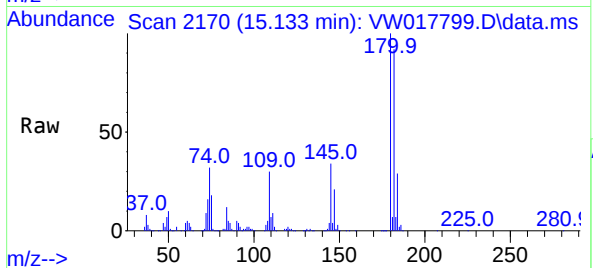
#93  
1,2,4-Trichlorobenzene  
Concen: 91.95 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:180 Resp: 287284  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.1 141.4  
145 33.2 16.9 50.6

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

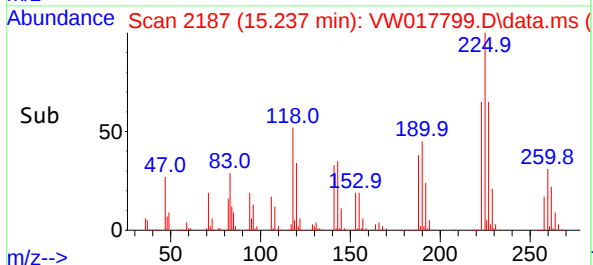
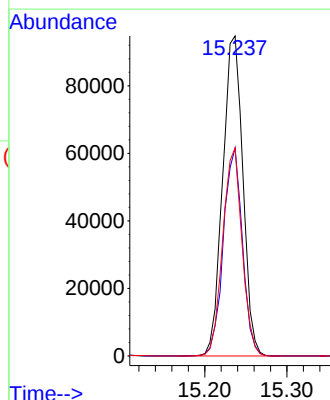
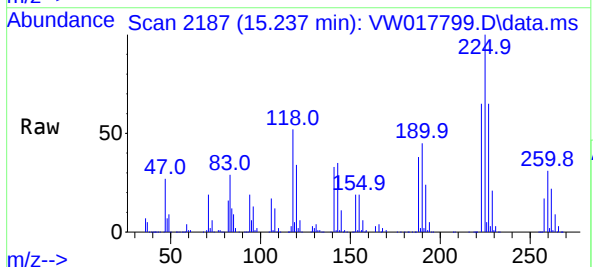
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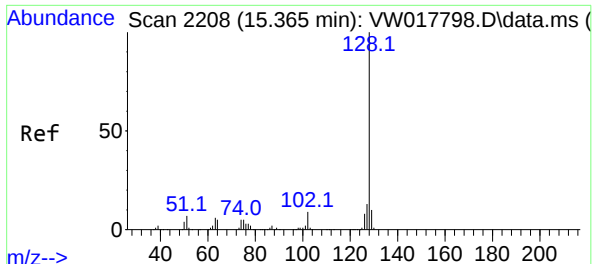
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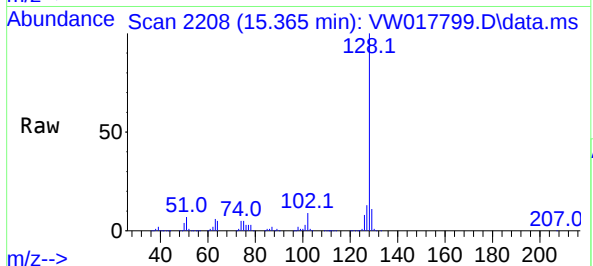
#94  
Hexachlorobutadiene  
Concen: 93.78 ug/l  
RT: 15.237 min Scan# 2187  
Delta R.T. 0.006 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03

Tgt Ion:225 Resp: 162044  
Ion Ratio Lower Upper  
225 100  
223 61.2 32.4 97.0  
227 62.1 31.6 94.8

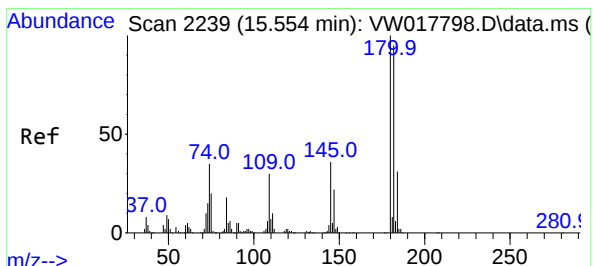
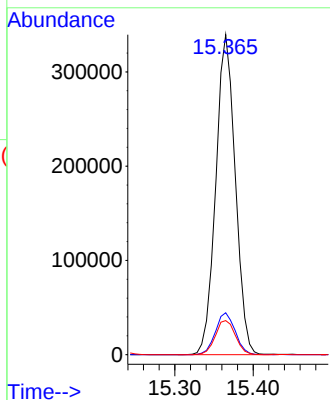
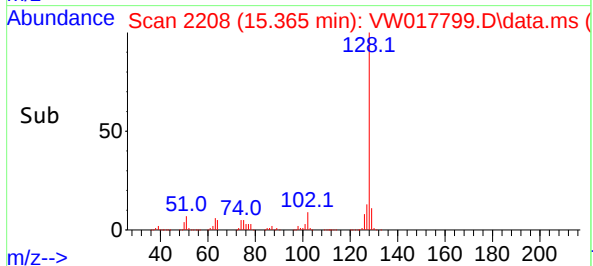




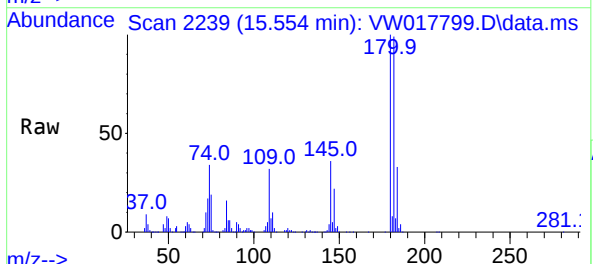
#95  
Naphthalene  
Concen: 100.07 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



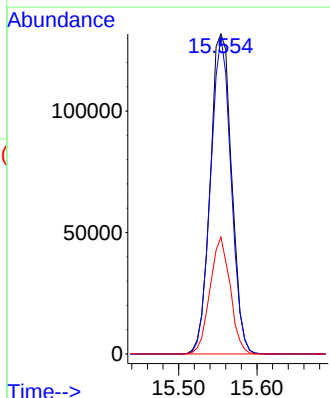
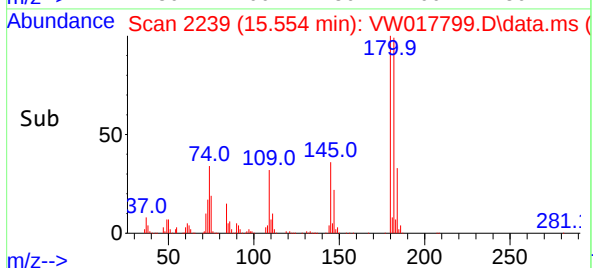
Tgt Ion:128 Resp: 588713  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.8 16.2  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 93.96 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW017799.D  
Acq: 07 Jan 2021 14:03



Tgt Ion:180 Resp: 250664  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.9 143.8  
145 34.3 17.3 51.9



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

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