

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080321\  
 Data File : VW019659.D  
 Acq On : 03 Aug 2021 14:32  
 Operator : SY/VA  
 Sample : VSTDICCC050  
 Misc : 5.00g/5.00mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 8/4/2021 7:04:14 PM

Quant Time: Aug 03 16:01:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W080321S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 15:58:27 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 7.951          | 168  | 675173     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.848          | 114  | 1111189    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.634         | 117  | 1037003    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.554         | 152  | 506446     | 50.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.311          | 65   | 422519     | 49.187   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 98.380%  |        |          |
| 35) Dibromofluoromethane     | 7.884          | 113  | 369640     | 50.326   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 100.660% |        |          |
| 50) Toluene-d8               | 10.323         | 98   | 1463679    | 50.993   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 101.980% |        |          |
| 62) 4-Bromofluorobenzene     | 12.615         | 95   | 530199     | 51.770   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 103.540% |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.013          | 85   | 187468     | 49.496   | ug/l   | 97       |
| 3) Chloromethane             | 2.215          | 50   | 233490     | 45.255   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.367          | 62   | 355490     | 47.320   | ug/l   | 98       |
| 5) Bromomethane              | 2.782          | 94   | 258218     | 45.925   | ug/l   | 94       |
| 6) Chloroethane              | 2.928          | 64   | 234359     | 49.065   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.269          | 101  | 268839     | 47.131   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.684          | 74   | 165803     | 46.961   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.068          | 101  | 318822     | 46.751   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.281          | 142  | 418139     | 47.586   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.190          | 59   | 96637      | 289.342  | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 4.050          | 96   | 318192     | 47.298   | ug/l   | 95       |
| 13) Acrolein                 | 3.903          | 56   | 102522     | 279.936  | ug/l   | 100      |
| 14) Allyl chloride           | 4.678          | 41   | 479592     | 49.413   | ug/l   | 91       |
| 15) Acrylonitrile            | 5.373          | 53   | 380602     | 250.514  | ug/l   | 99       |
| 16) Acetone                  | 4.129          | 43   | 303493     | 239.128  | ug/l   | 94       |
| 17) Carbon Disulfide         | 4.391          | 76   | 860217     | 48.352   | ug/l   | 98       |
| 18) Methyl Acetate           | 4.678          | 43   | 171206     | 45.308   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.427          | 73   | 499039     | 50.449   | ug/l   | 98       |
| 20) Methylene Chloride       | 4.921          | 84   | 407950     | 37.121   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 5.427          | 96   | 362064     | 48.571   | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.311          | 45   | 1038699    | 50.247   | ug/l   | 95       |
| 23) Vinyl Acetate            | 6.257          | 43   | 3142872    | 260.704  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.220          | 63   | 687286     | 48.173   | ug/l   | 100      |
| 25) 2-Butanone               | 7.177          | 43   | 465733     | 253.775  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.171          | 77   | 377520     | 47.674   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.171          | 96   | 406621     | 49.485   | ug/l   | 99       |
| 28) Bromochloromethane       | 7.512          | 49   | 275115     | 48.933   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.537          | 42   | 302273     | 256.885  | ug/l   | 97       |
| 30) Chloroform               | 7.677          | 83   | 700205     | 48.358   | ug/l   | 98       |
| 31) Cyclohexane              | 7.958          | 56   | 567536     | 45.098   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 7.878          | 97   | 549011     | 48.850   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.086          | 75   | 534814     | 49.112   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.256          | 43   | 218238     | 51.673   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.067          | 117  | 503469     | 49.909   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.335          | 83   | 615192     | 49.187   | ug/l   | 99       |
| 40) Benzene                  | 8.323          | 78   | 1471211    | 49.055   | ug/l   | 99       |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
 APPROVED

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 8/4/2021 7:04:14 PM

Quant Time: Aug 03 16:01:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W080321S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 15:58:27 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 125942   | 52.911   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 463251   | 49.350   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.427  | 43   | 412578   | 51.501   | ug/l   | 99       |
| 44) Trichloroethene           | 9.091  | 130  | 374455   | 48.541   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.372  | 63   | 372733   | 49.074   | ug/l   | 99       |
| 46) Dibromomethane            | 9.463  | 93   | 196781   | 48.985   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.646  | 83   | 505784   | 50.416   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.439  | 41   | 186986   | 52.519   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.457  | 88   | 55920    | 1069.501 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.213 | 43   | 1086250  | 259.171  | ug/l   | 99       |
| 52) Toluene                   | 10.390 | 92   | 948334   | 50.194   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.609 | 75   | 503023   | 51.357   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 576400   | 50.332   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 276771   | 49.290   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 360022   | 53.313   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 493136   | 49.718   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 848351   | 270.457  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.969 | 43   | 737046   | 260.813  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.128 | 129  | 308391   | 50.492   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 260966   | 49.842   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.866 | 164  | 307617   | 47.797   | ug/l   | 93       |
| 65) Chlorobenzene             | 11.658 | 112  | 959719   | 46.639   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 340012   | 48.247   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.731 | 91   | 1848791  | 49.550   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.841 | 106  | 1412930  | 99.134   | ug/l   | 99       |
| 69) o-Xylene                  | 12.164 | 106  | 659993   | 49.979   | ug/l   | 94       |
| 70) Styrene                   | 12.182 | 104  | 1138104  | 50.998   | ug/l   | 99       |
| 71) Bromoform                 | 12.353 | 173  | 167218   | 49.394   | ug/l # | 90       |
| 73) Isopropylbenzene          | 12.463 | 105  | 1799167  | 50.182   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.274 | 43   | 387346   | 51.354   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 330293   | 50.148   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 269602m  | 39.302   | ug/l   |          |
| 77) Bromobenzene              | 12.749 | 156  | 385097   | 48.935   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.804 | 91   | 2225950  | 50.495   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 1280442  | 49.539   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 1559973  | 51.038   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 96103    | 51.261   | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 1319930  | 49.102   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 1339661  | 51.003   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 1527100  | 50.179   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.383 | 105  | 2018530  | 50.611   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.499 | 119  | 1640833  | 50.138   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 819366   | 49.419   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.578 | 146  | 779632   | 47.296   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.822 | 91   | 1575094  | 48.923   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.091 | 117  | 297379   | 49.809   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 698737   | 47.973   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 54341    | 50.657   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 430447   | 47.636   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 255992   | 48.734   | ug/l   | 98       |
| 95) Naphthalene               | 15.365 | 128  | 878940   | 52.180   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 394812   | 49.430   | ug/l   | 96       |

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Sample : VSTDICCC050  
Misc : 5.00g/5.00mL/MSVOA\_W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

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8/4/2021 7:04:14 PM

Quant Time: Aug 03 16:01:12 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W080321S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 03 15:58:27 2021  
Response via : Initial Calibration

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

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

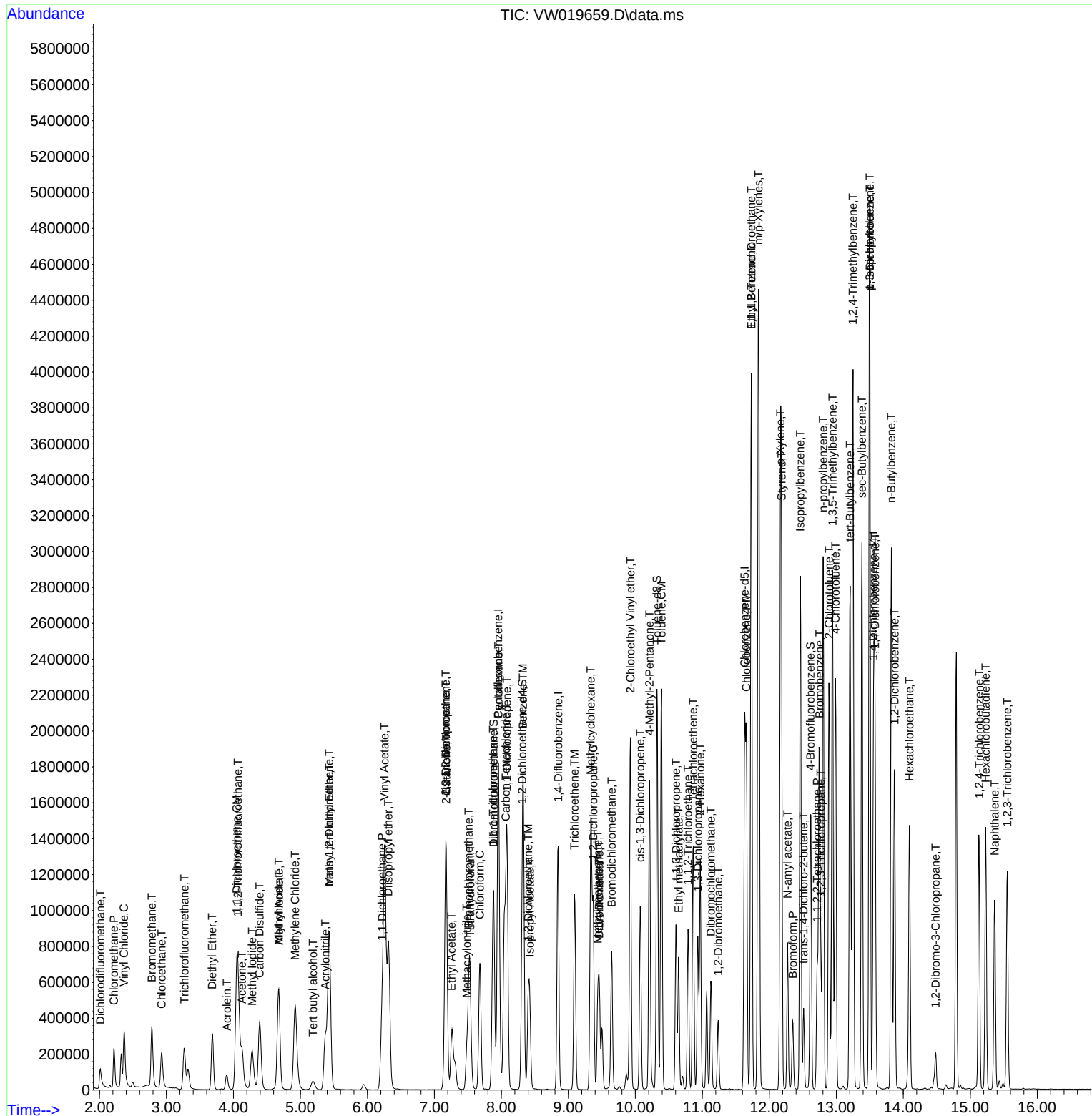
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Data File : VW019659.D  
Acq On : 03 Aug 2021 14:32  
Operator : SY/VA  
Sample : VSTDICCC050  
Misc : 5.00g/5.00mL/MSVOA\_W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

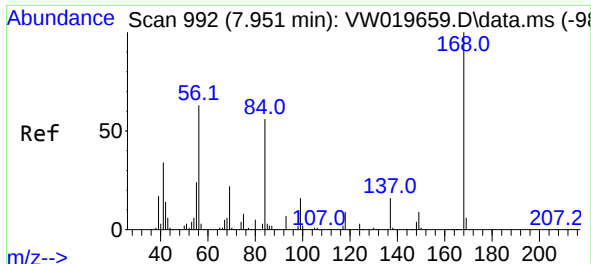
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

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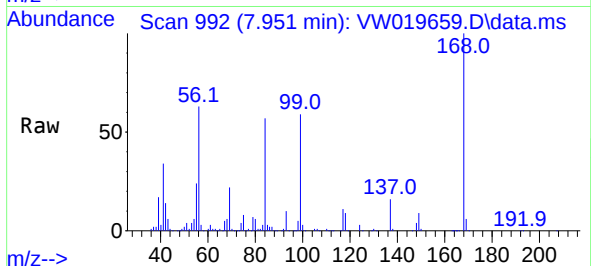
Quant Time: Aug 03 16:01:12 2021  
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Quant Title : SW846 8260  
QLast Update : Tue Aug 03 15:58:27 2021  
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#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.951 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

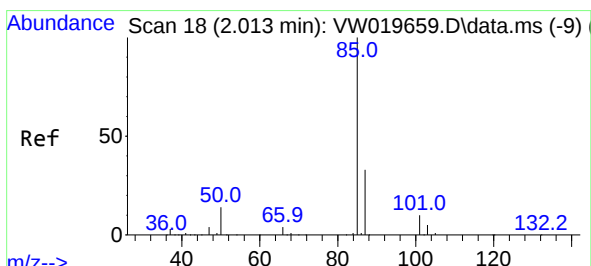
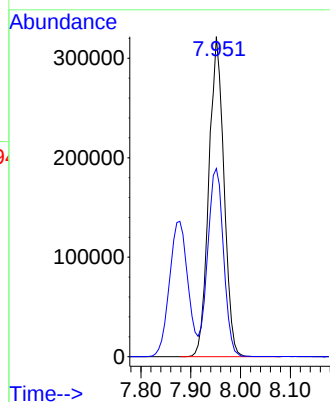
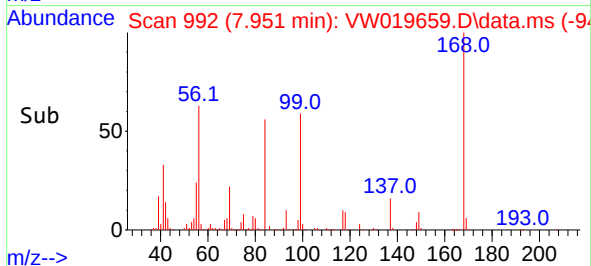
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



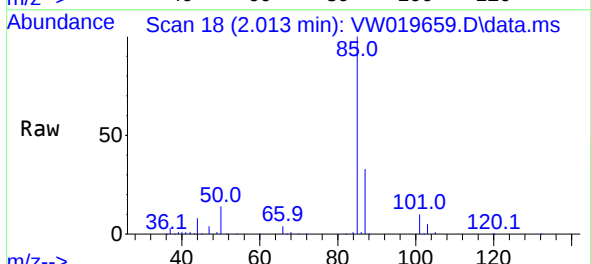
Tgt Ion:168 Resp: 675173  
Ion Ratio Lower Upper  
168 100  
99 58.7 51.9 77.9

Manual Integrations  
APPROVED

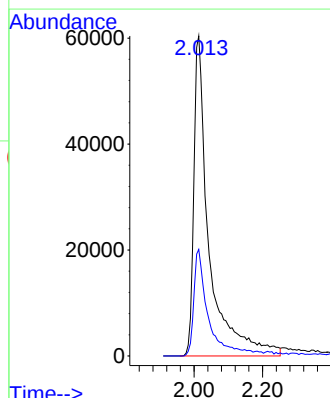
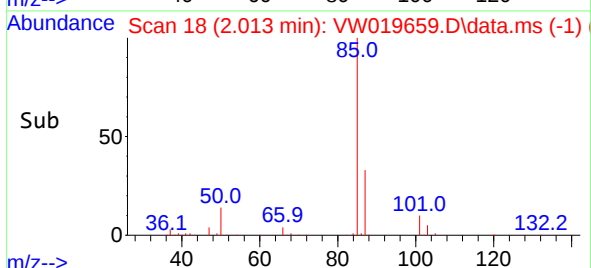
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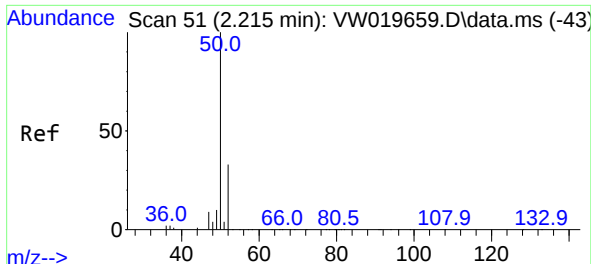


#2  
Dichlorodifluoromethane  
Concen: 49.496 ug/l  
RT: 2.013 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



Tgt Ion: 85 Resp: 187468  
Ion Ratio Lower Upper  
85 100  
87 33.3 15.8 47.4





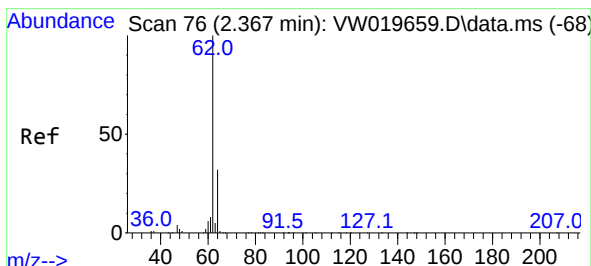
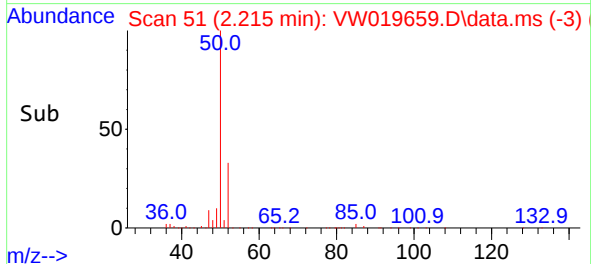
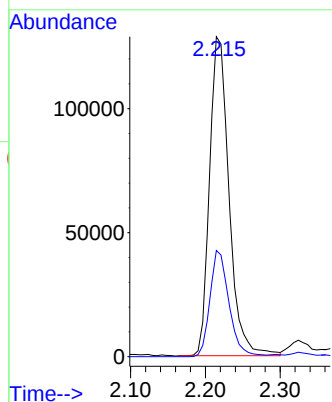
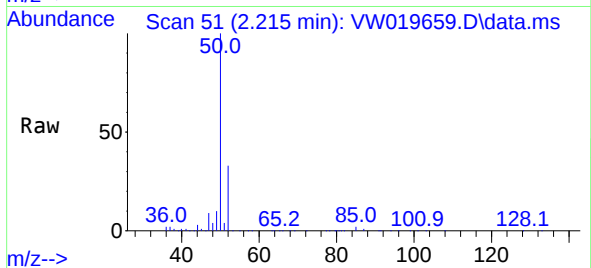
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Chloromethane  
Concen: 45.255 ug/l  
RT: 2.215 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 50 Resp: 233490  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.0 37.4

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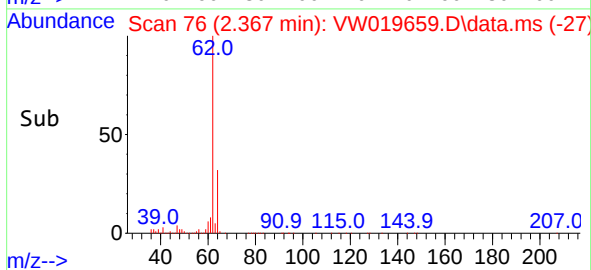
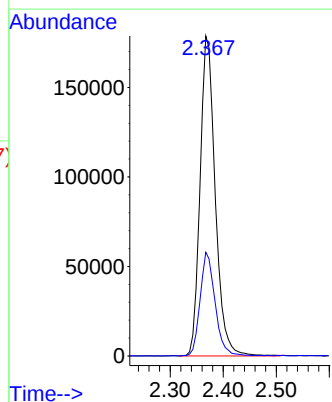
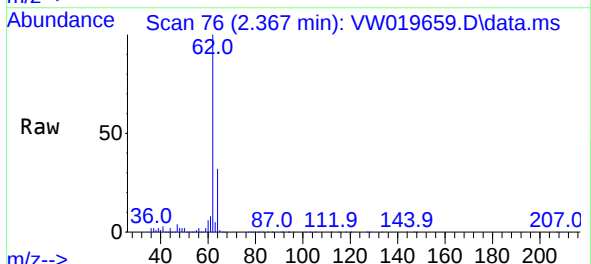
Manual Integrations  
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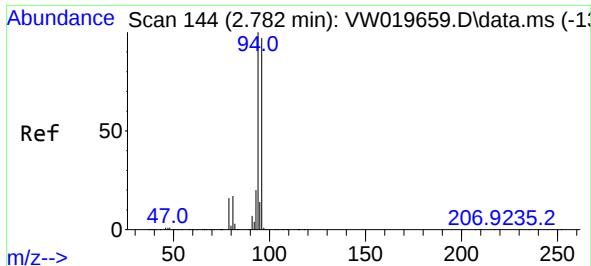
MMDadoda  
8/4/2021 7:04:14 PM



#4  
Vinyl Chloride  
Concen: 47.320 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 62 Resp: 355490  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.1 37.7





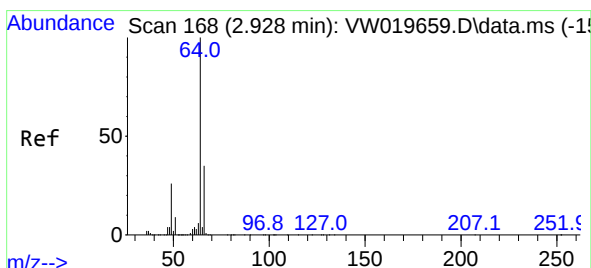
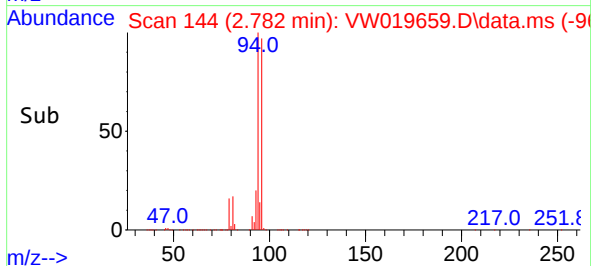
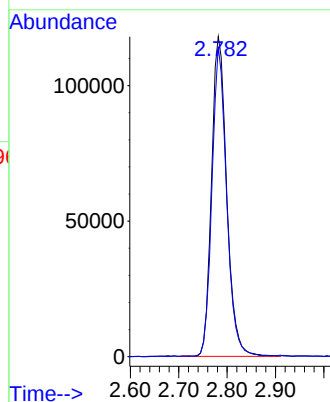
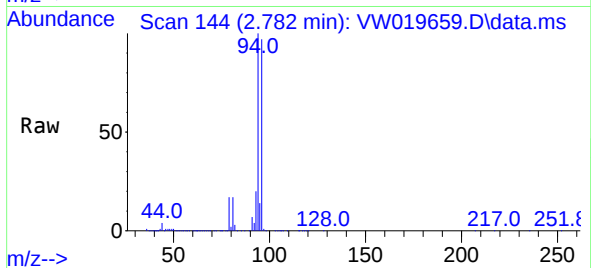
#5  
Bromomethane  
Concen: 45.925 ug/l  
RT: 2.782 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 94 Resp: 258218  
Ion Ratio Lower Upper  
94 100  
96 96.8 72.7 109.1

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VSTDICCC050

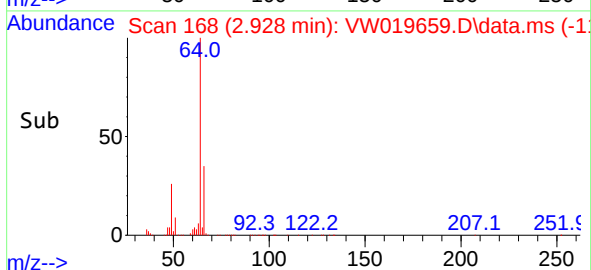
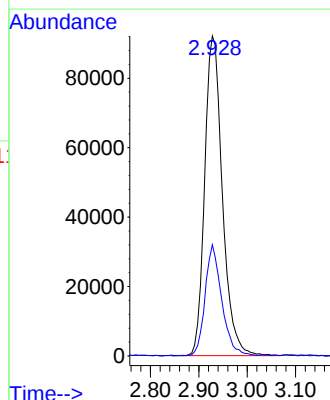
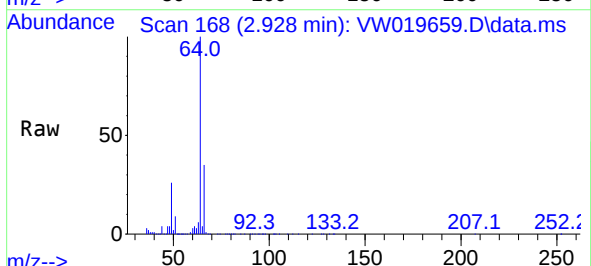
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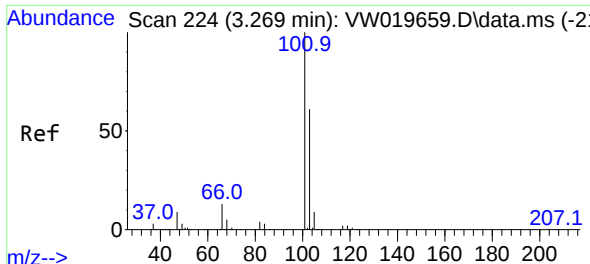
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8/4/2021 7:04:14 PM



#6  
Chloroethane  
Concen: 49.065 ug/l  
RT: 2.928 min Scan# 168  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

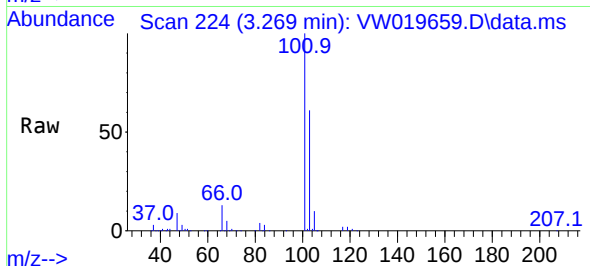
Tgt Ion: 64 Resp: 234359  
Ion Ratio Lower Upper  
64 100  
66 34.7 26.9 40.3





#7  
 Trichlorofluoromethane  
 Concen: 47.131 ug/l  
 RT: 3.269 min Scan# 224  
 Delta R.T. 0.000 min  
 Lab File: VW019659.D  
 Acq: 03 Aug 2021 14:32

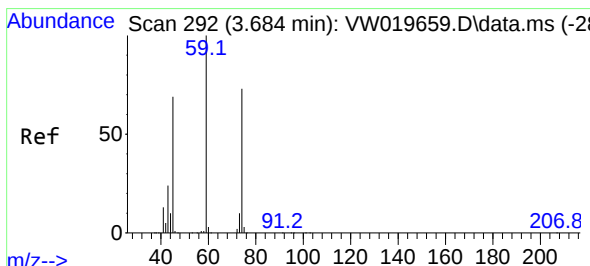
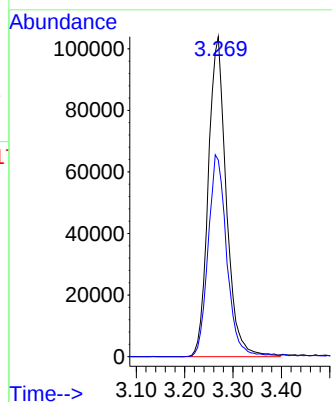
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050



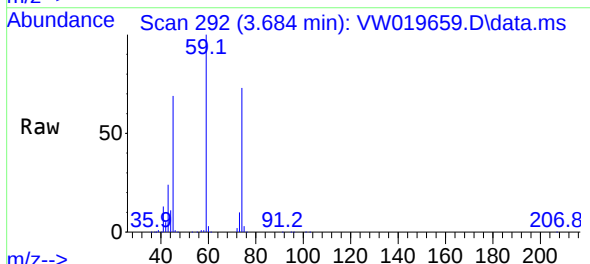
Tgt Ion:101 Resp: 268839  
 Ion Ratio Lower Upper  
 101 100  
 103 61.5 52.2 78.2

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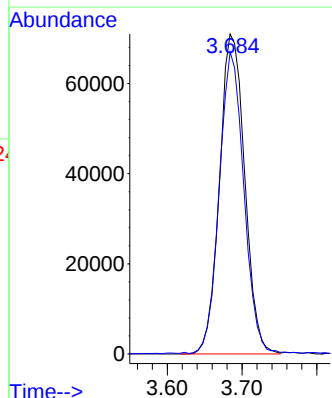
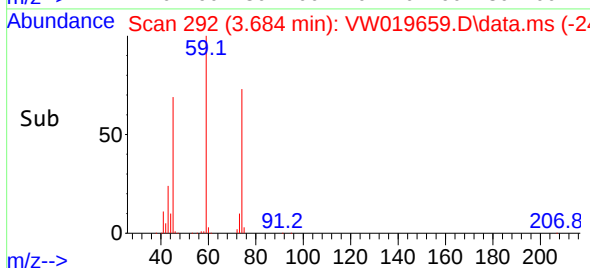
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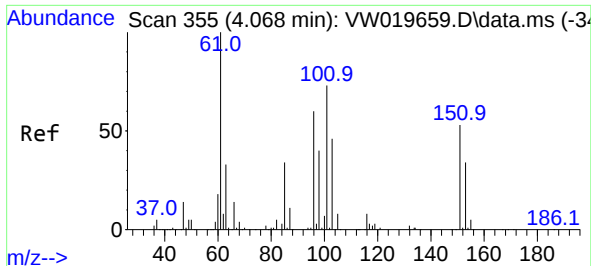


#8  
 Diethyl Ether  
 Concen: 46.961 ug/l  
 RT: 3.684 min Scan# 292  
 Delta R.T. -0.000 min  
 Lab File: VW019659.D  
 Acq: 03 Aug 2021 14:32



Tgt Ion: 74 Resp: 165803  
 Ion Ratio Lower Upper  
 74 100  
 45 92.1 48.8 146.3





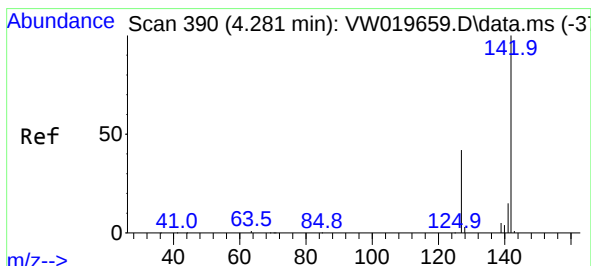
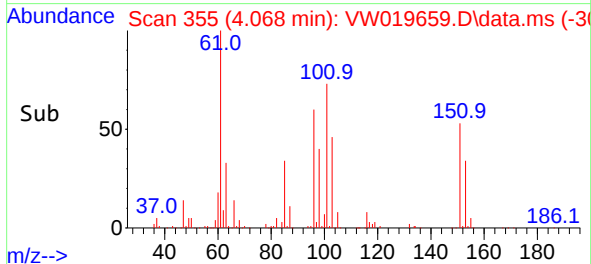
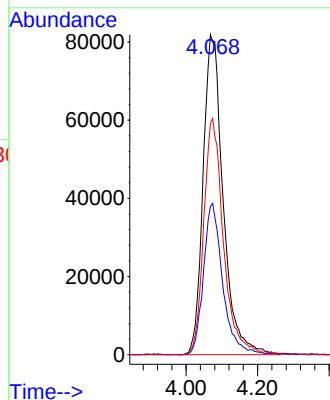
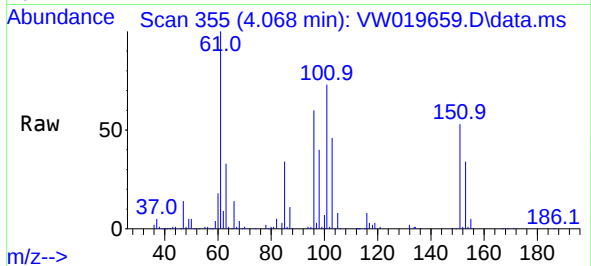
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.751 ug/l  
RT: 4.068 min Scan# 355  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion:101 Resp: 318822  
Ion Ratio Lower Upper  
101 100  
85 45.4 35.4 53.0  
151 72.6 59.6 89.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

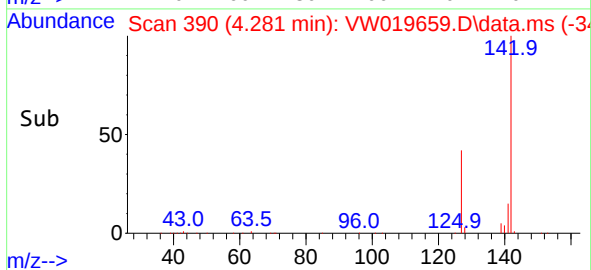
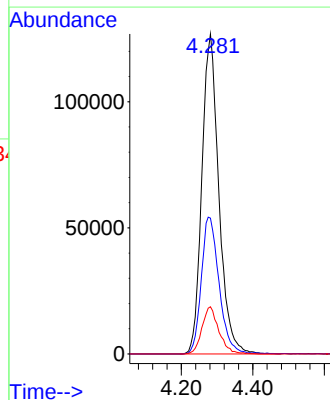
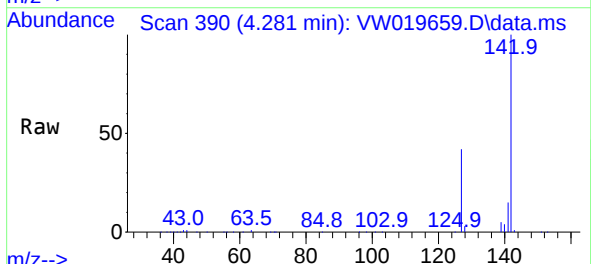
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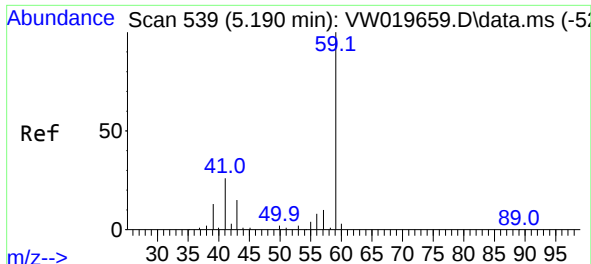
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#10  
Methyl Iodide  
Concen: 47.586 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

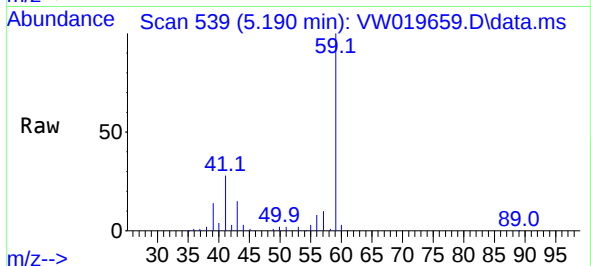
Tgt Ion:142 Resp: 418139  
Ion Ratio Lower Upper  
142 100  
127 44.6 34.2 51.2  
141 14.7 11.9 17.9





#11  
Tert butyl alcohol  
Concen: 289.342 ug/l  
RT: 5.190 min Scan# 539  
Delta R.T. 0.025 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

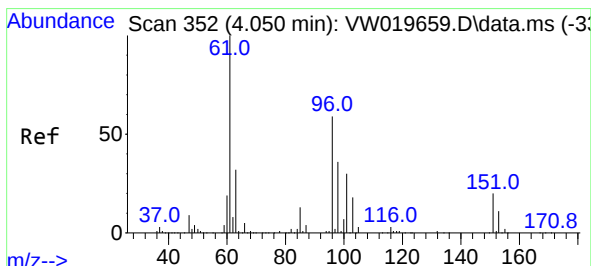
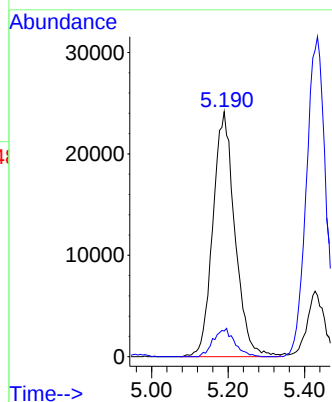
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



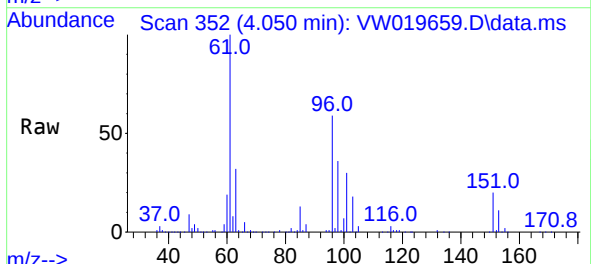
Tgt Ion: 59 Resp: 96637  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.0 12.0

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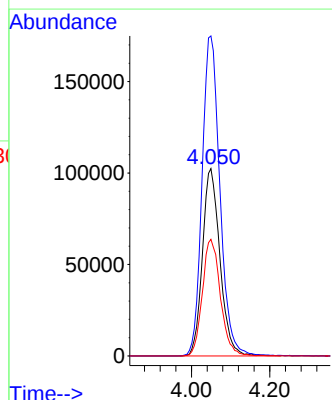
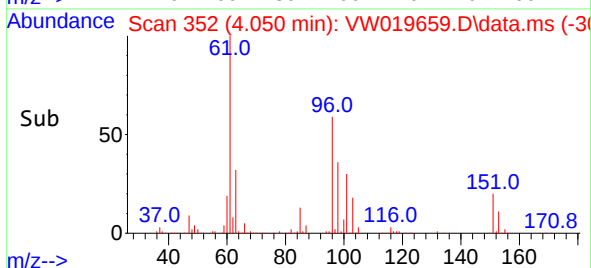
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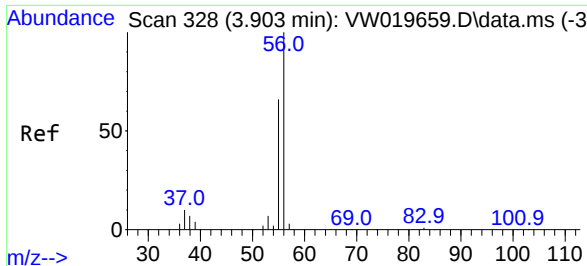


#12  
1,1-Dichloroethene  
Concen: 47.298 ug/l  
RT: 4.050 min Scan# 352  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



Tgt Ion: 96 Resp: 318192  
Ion Ratio Lower Upper  
96 100  
61 170.8 131.0 196.6  
98 62.3 52.2 78.2





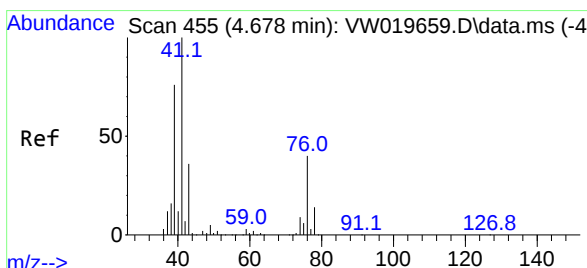
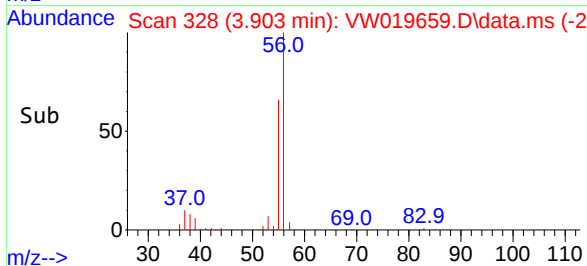
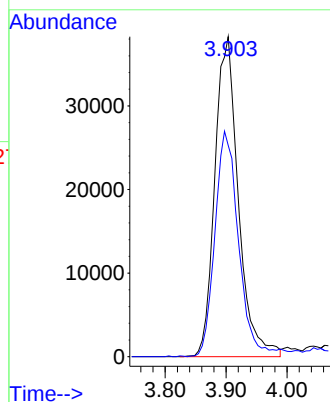
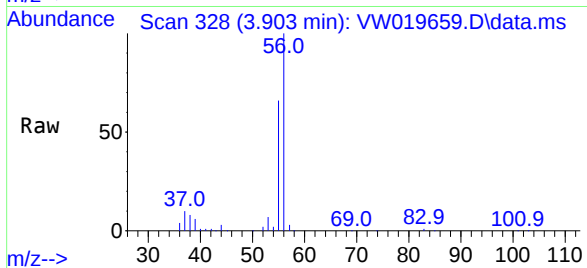
#13  
Acrolein  
Concen: 279.936 ug/l  
RT: 3.903 min Scan# 328  
Delta R.T. 0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 56 Resp: 102522  
Ion Ratio Lower Upper  
56 100  
55 70.7 56.3 84.5

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

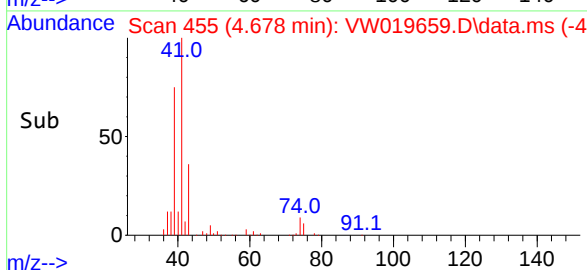
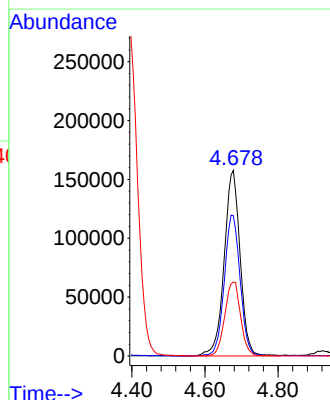
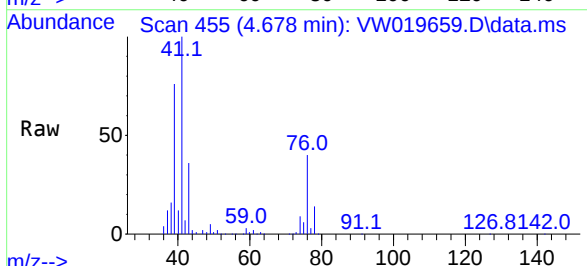
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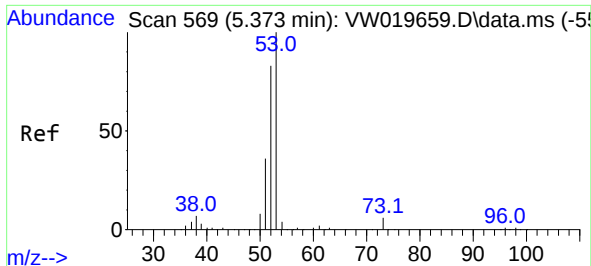
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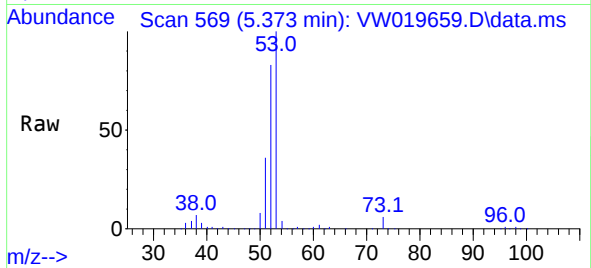
#14  
Allyl chloride  
Concen: 49.413 ug/l  
RT: 4.678 min Scan# 455  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 41 Resp: 479592  
Ion Ratio Lower Upper  
41 100  
39 75.2 52.2 78.2  
76 39.2 30.1 45.1



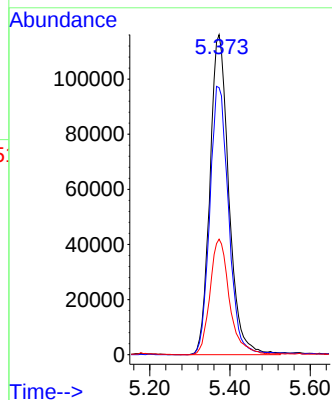


#15  
Acrylonitrile  
Concen: 250.514 ug/l  
RT: 5.373 min Scan# 569  
Delta R.T. 0.007 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



Tgt Ion: 53 Resp: 380602

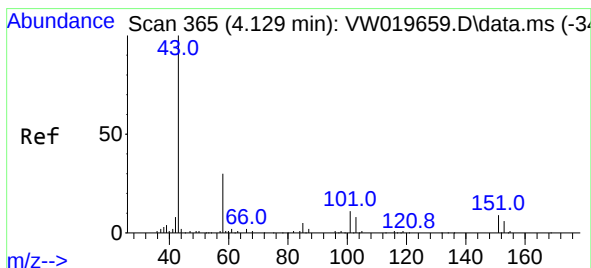
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.3  | 65.9  | 98.9  |
| 51  | 37.2  | 29.2  | 43.8  |



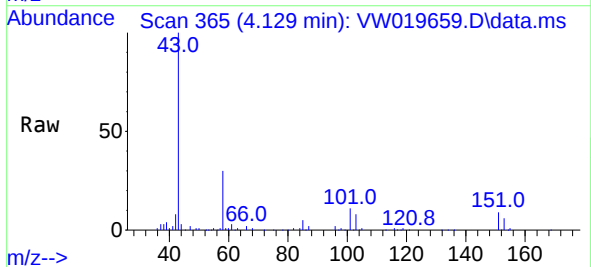
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

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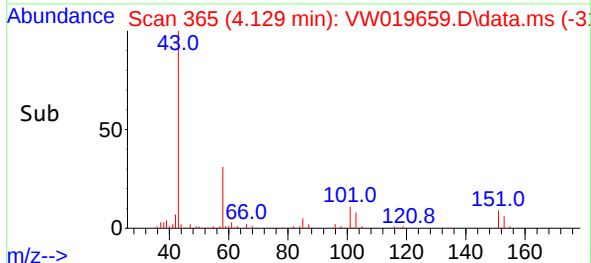
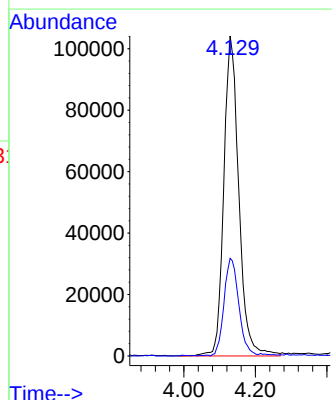


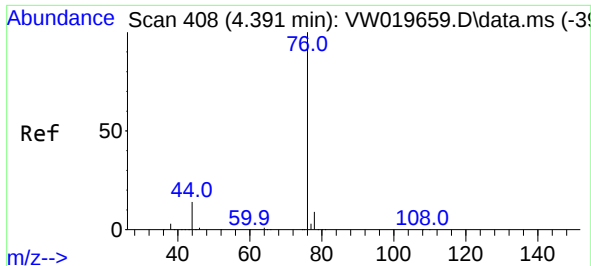
#16  
Acetone  
Concen: 239.128 ug/l  
RT: 4.129 min Scan# 365  
Delta R.T. 0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



Tgt Ion: 43 Resp: 303493

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.4  | 27.2  | 40.8  |





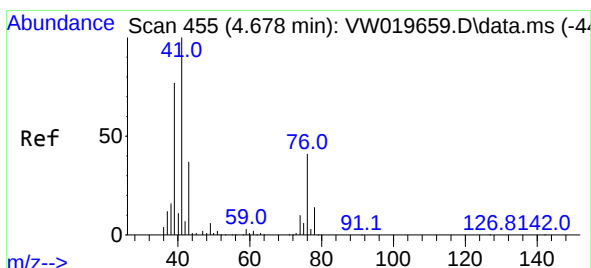
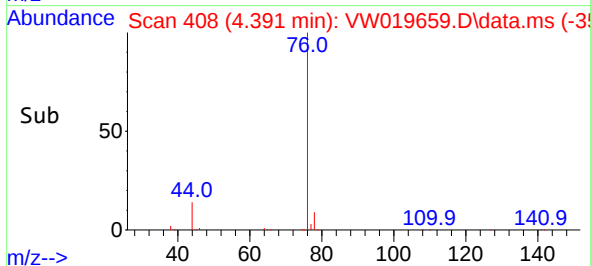
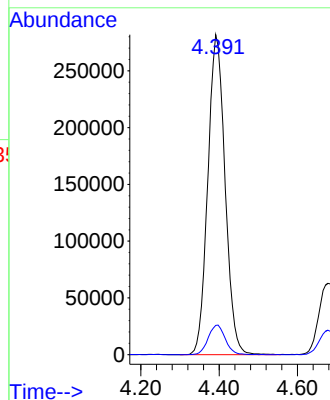
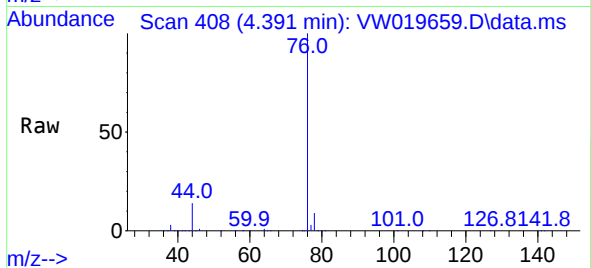
#17  
Carbon Disulfide  
Concen: 48.352 ug/l  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 76 Resp: 860217  
Ion Ratio Lower Upper  
76 100  
78 9.2 6.8 10.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

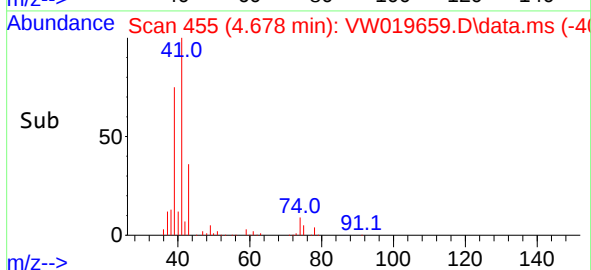
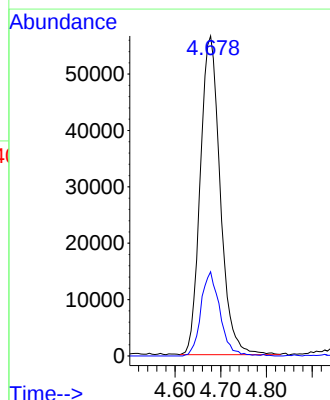
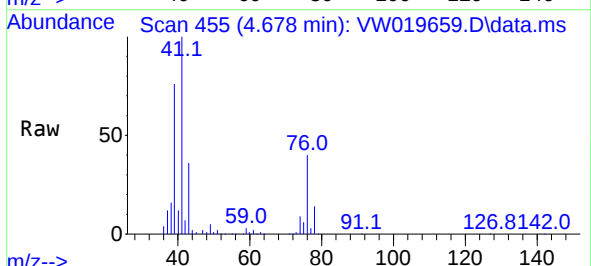
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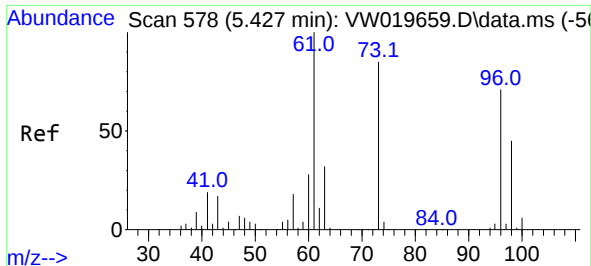
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#18  
Methyl Acetate  
Concen: 45.308 ug/l  
RT: 4.678 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 43 Resp: 171206  
Ion Ratio Lower Upper  
43 100  
74 25.2 20.1 30.1





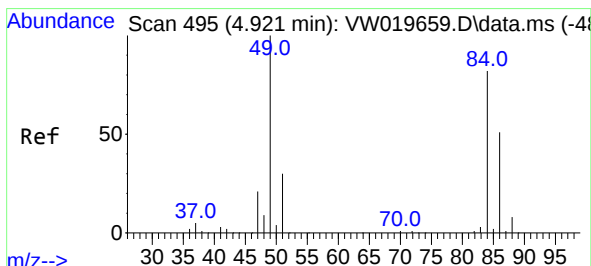
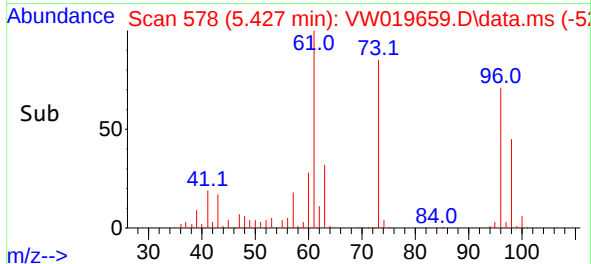
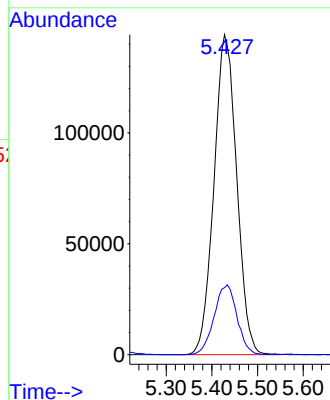
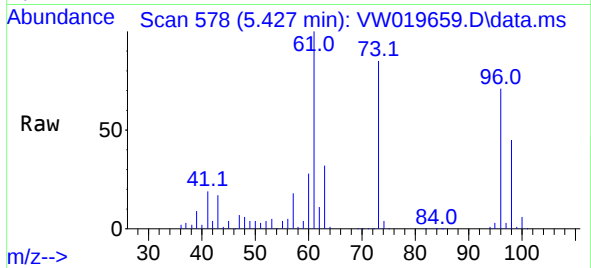
#19  
Methyl tert-butyl Ether  
Concen: 50.449 ug/l  
RT: 5.427 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 73 Resp: 499039  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.4 26.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

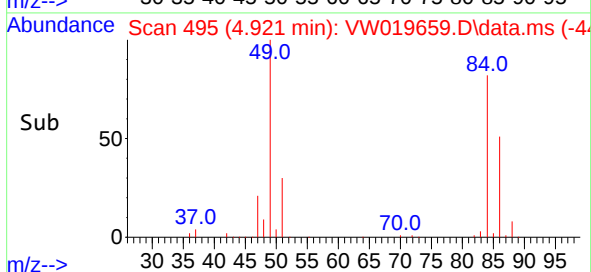
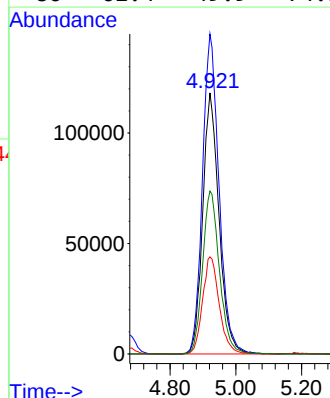
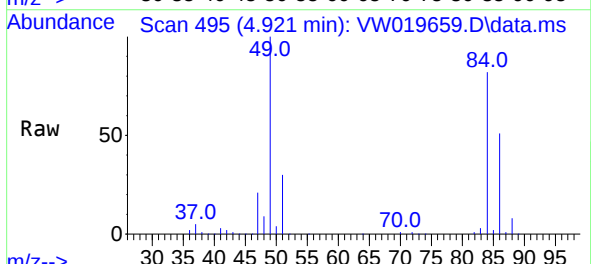
Manual Integrations  
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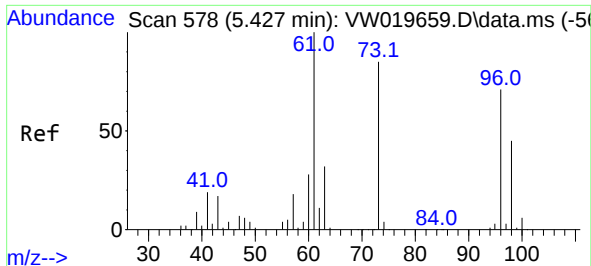
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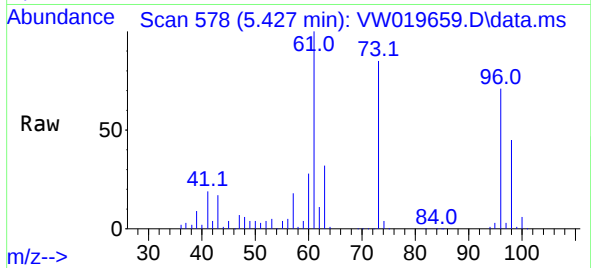
#20  
Methylene Chloride  
Concen: 37.121 ug/l  
RT: 4.921 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 84 Resp: 407950  
Ion Ratio Lower Upper  
84 100  
49 122.5 97.2 145.8  
51 37.2 30.1 45.1  
86 62.4 49.9 74.9

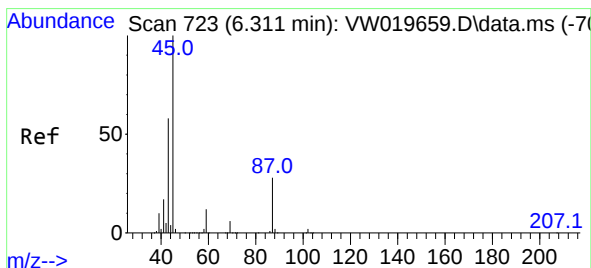
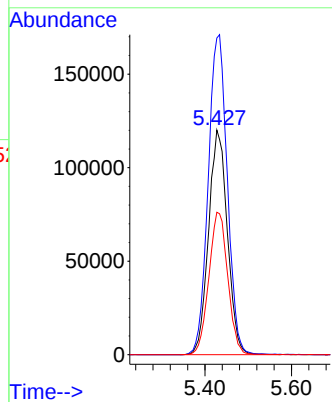
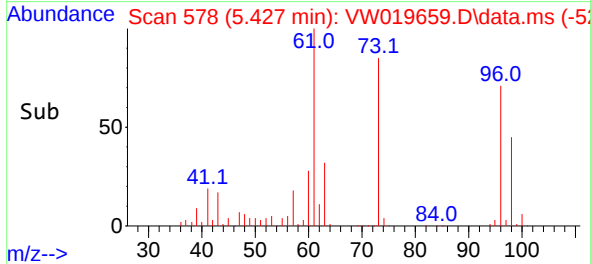




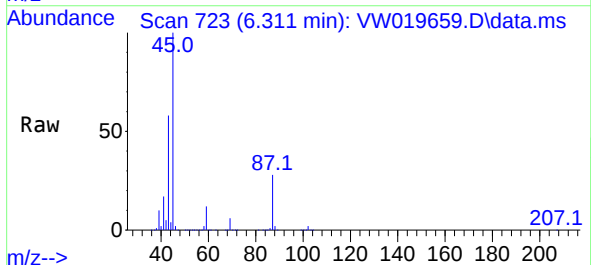
#21  
trans-1,2-Dichloroethene  
Concen: 48.571 ug/l  
RT: 5.427 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



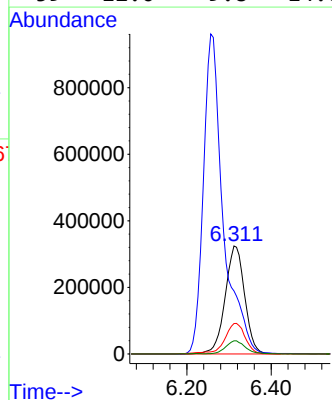
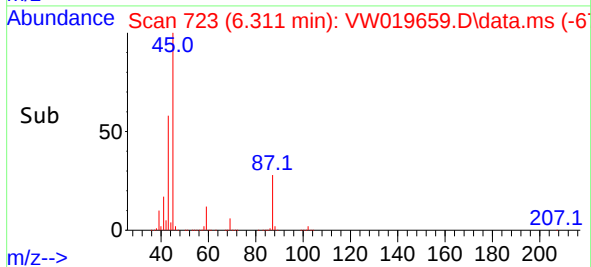
Tgt Ion: 96 Resp: 362064  
Ion Ratio Lower Upper  
96 100  
61 141.0 110.3 165.5  
98 63.4 49.1 73.7



#22  
Diisopropyl ether  
Concen: 50.247 ug/l  
RT: 6.311 min Scan# 723  
Delta R.T. -0.007 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



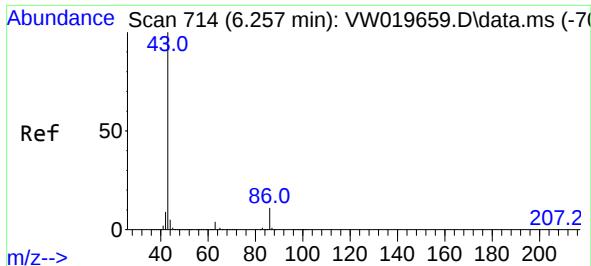
Tgt Ion: 45 Resp: 1038699  
Ion Ratio Lower Upper  
45 100  
43 58.4 42.0 63.0  
87 28.0 23.0 34.6  
59 12.0 9.8 14.6



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

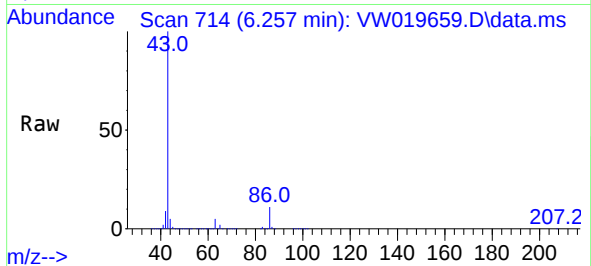
Manual Integrations  
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#23  
 Vinyl Acetate  
 Concen: 260.704 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. -0.000 min  
 Lab File: VW019659.D  
 Acq: 03 Aug 2021 14:32

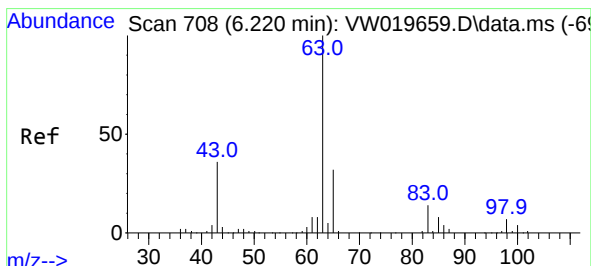
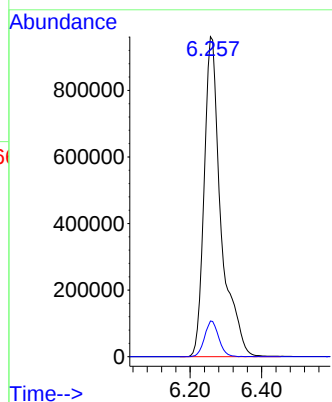
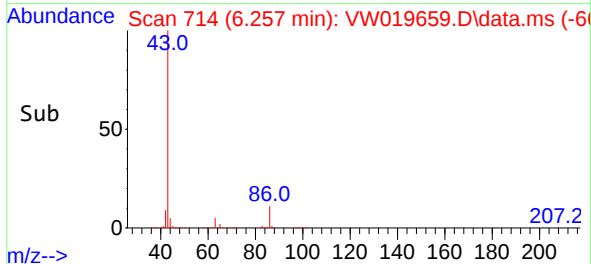
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050



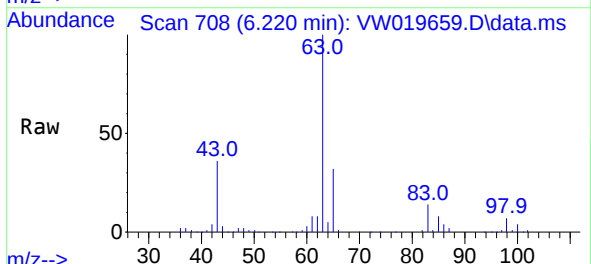
Tgt Ion: 43 Resp: 3142872  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 9.1 13.7

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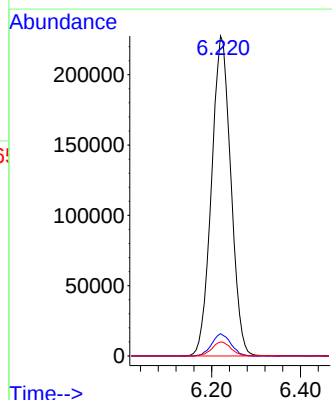
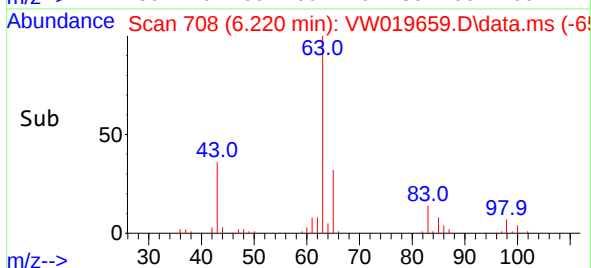
MMDadoda  
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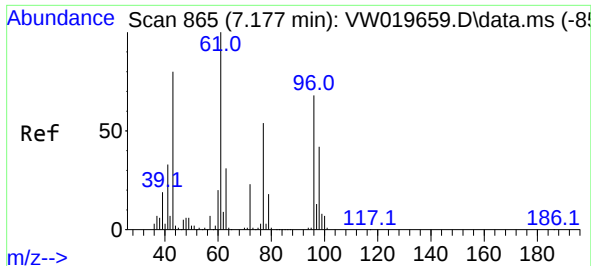


#24  
 1,1-Dichloroethane  
 Concen: 48.173 ug/l  
 RT: 6.220 min Scan# 708  
 Delta R.T. 0.000 min  
 Lab File: VW019659.D  
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Tgt Ion: 63 Resp: 687286  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.4  
 100 4.4 2.2 6.6





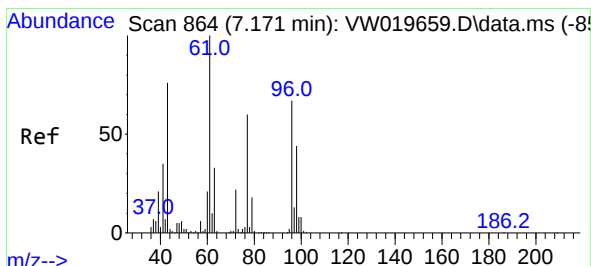
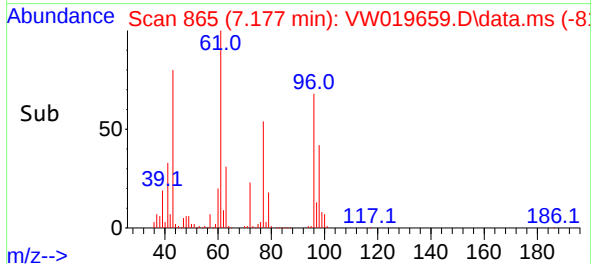
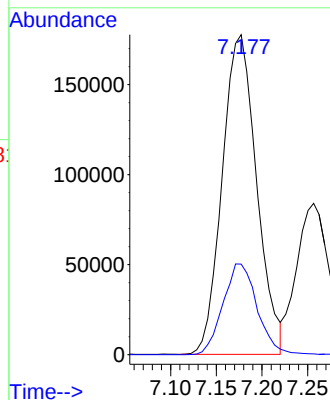
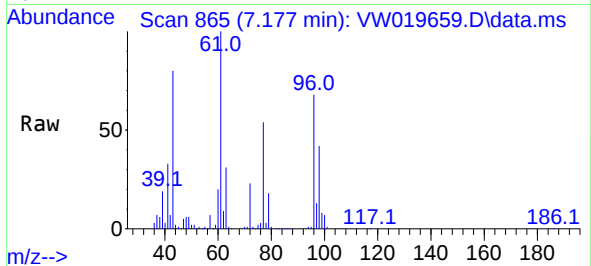
#25  
2-Butanone  
Concen: 253.775 ug/l  
RT: 7.177 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 43 Resp: 465733  
Ion Ratio Lower Upper  
43 100  
72 28.3 21.4 32.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

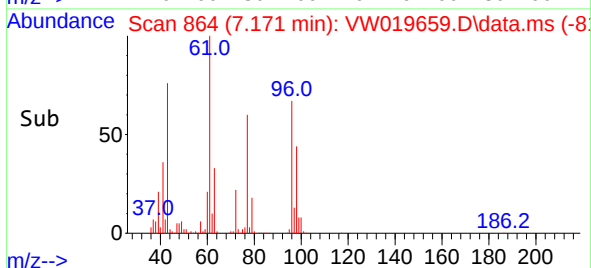
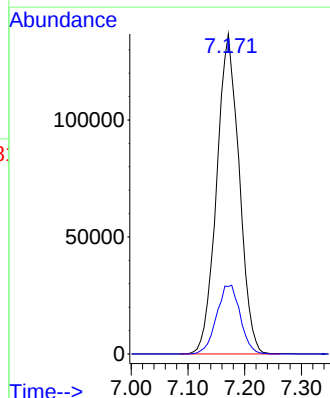
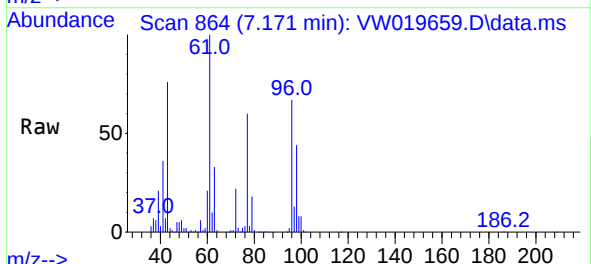
Manual Integrations  
APPROVED

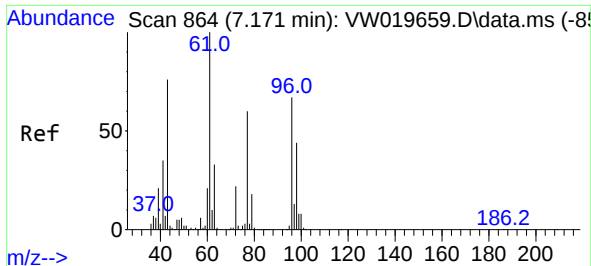
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#26  
2,2-Dichloropropane  
Concen: 47.674 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 77 Resp: 377520  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 49.485 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW019659.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 406621 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 146.5 | 0.0   | 289.6  |
| 98       | 63.7  | 0.0   | 127.4  |

Instrument :

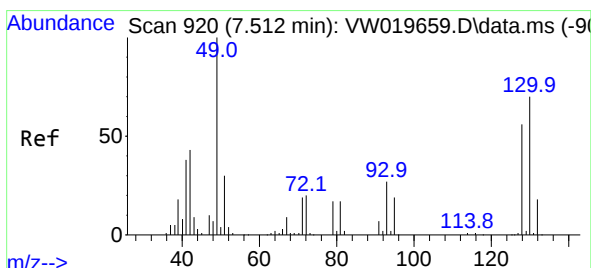
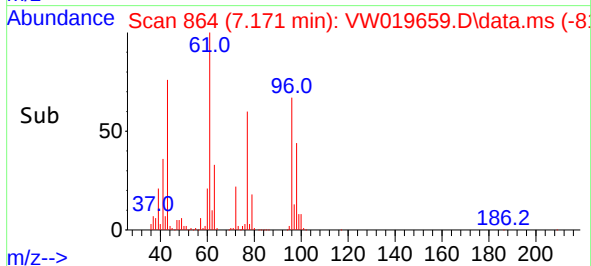
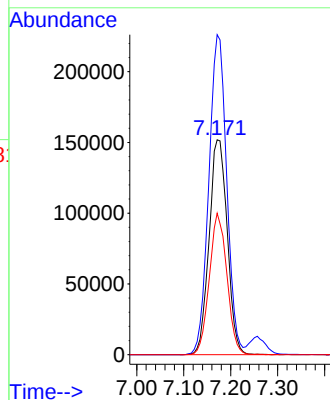
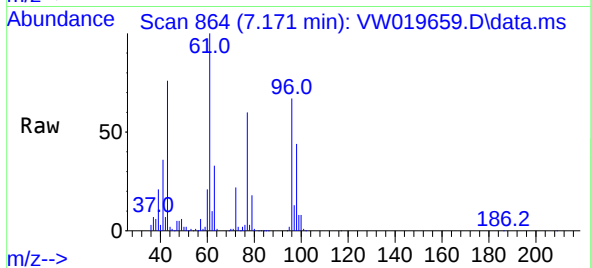
MSVOA\_W

ClientSampleId :

VSTDICCC050

Manual Integrations  
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#28

Bromochloromethane

Concen: 48.933 ug/l

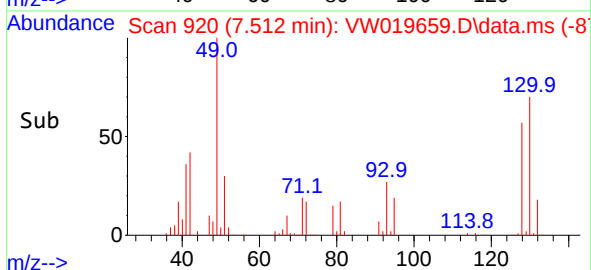
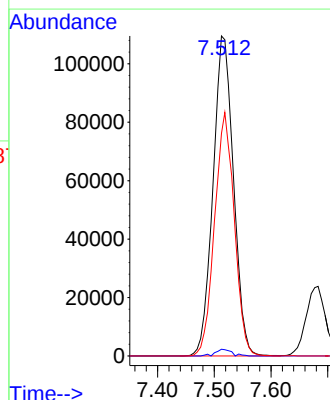
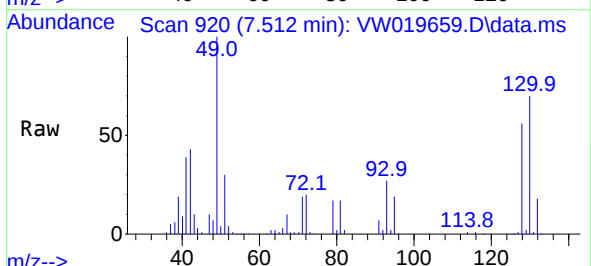
RT: 7.512 min Scan# 920

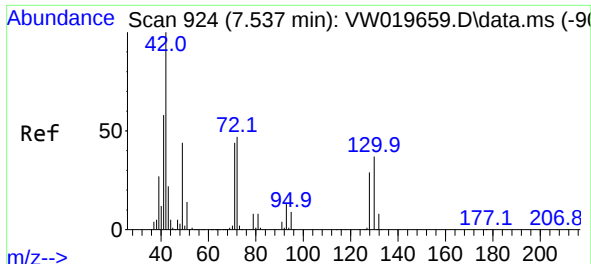
Delta R.T. -0.007 min

Lab File: VW019659.D

Acq: 03 Aug 2021 14:32

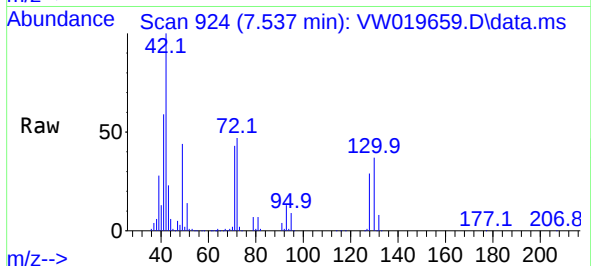
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 275115 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 1.7   | 0.0   | 3.4    |
| 130      | 73.2  | 59.8  | 89.6   |





#29  
Tetrahydrofuran  
Concen: 256.885 ug/l  
RT: 7.537 min Scan# 924  
Delta R.T. 0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

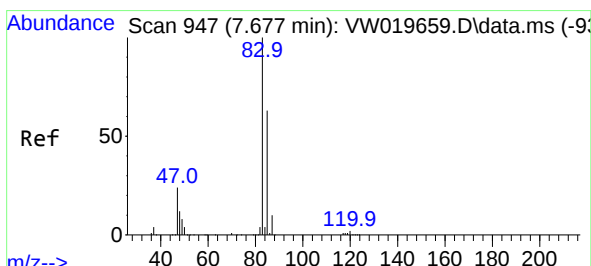
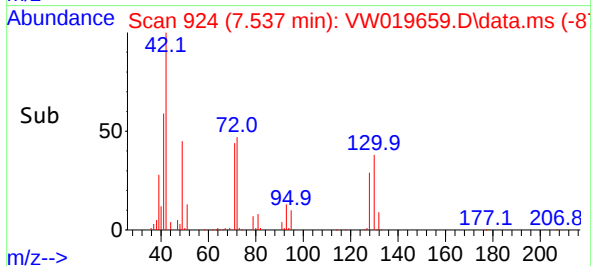
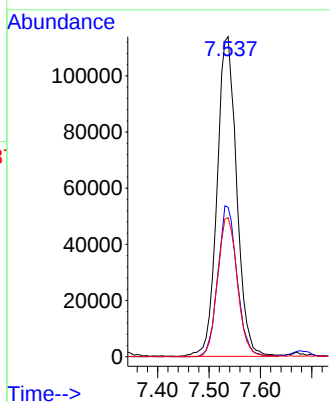
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



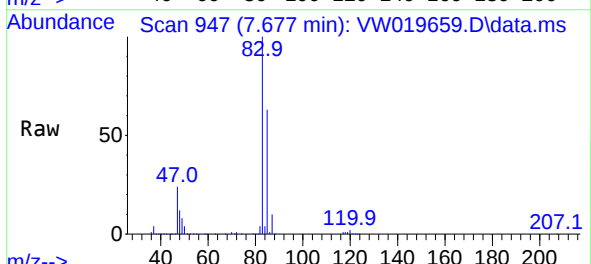
Tgt Ion: 42 Resp: 302273  
Ion Ratio Lower Upper  
42 100  
72 46.2 35.8 53.8  
71 43.9 33.4 50.2

Manual Integrations  
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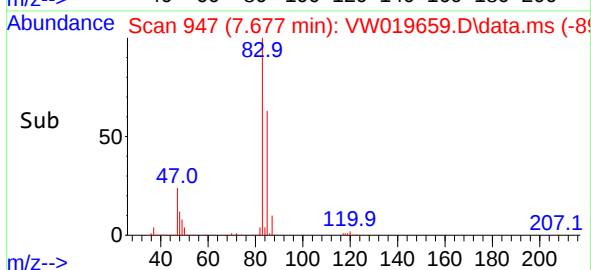
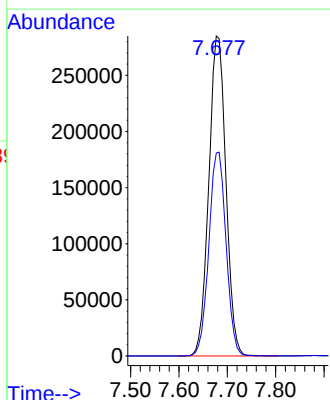
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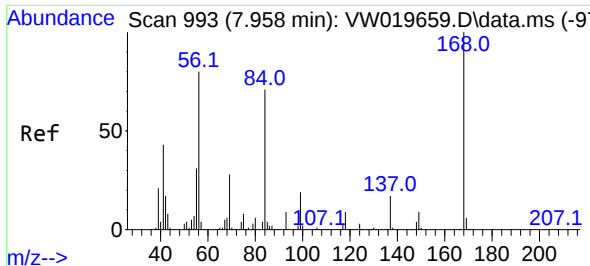


#30  
Chloroform  
Concen: 48.358 ug/l  
RT: 7.677 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



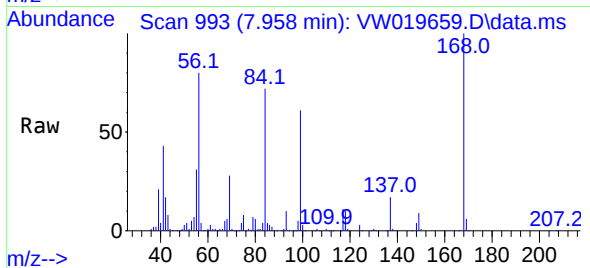
Tgt Ion: 83 Resp: 700205  
Ion Ratio Lower Upper  
83 100  
85 63.4 52.1 78.1





#31  
Cyclohexane  
Concen: 45.098 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. 0.001 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

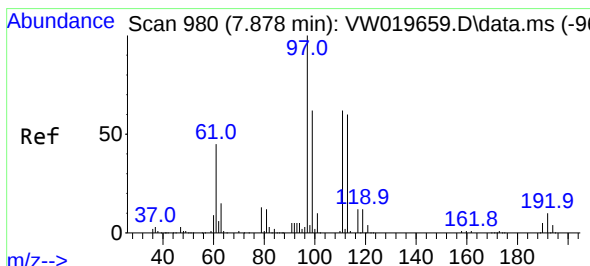
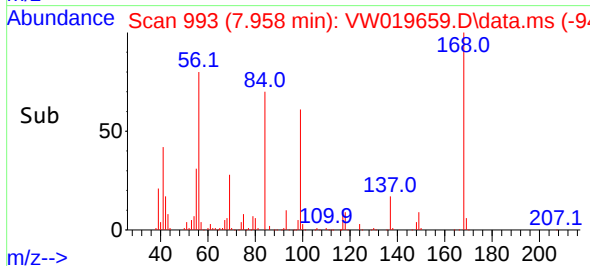
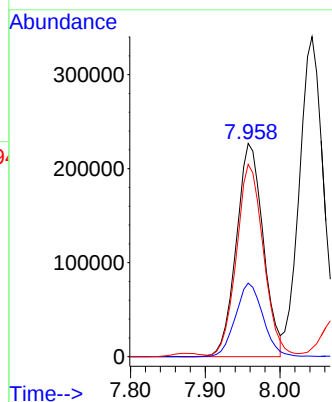
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



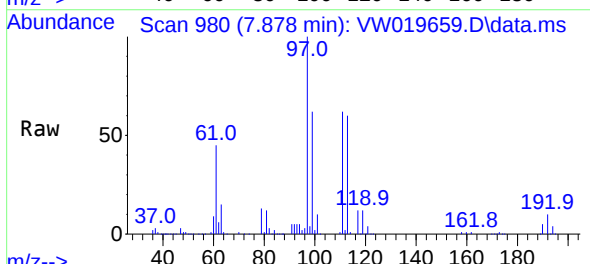
Tgt Ion: 56 Resp: 567536  
Ion Ratio Lower Upper  
56 100  
69 34.5 28.3 42.5  
84 88.7 68.1 102.1

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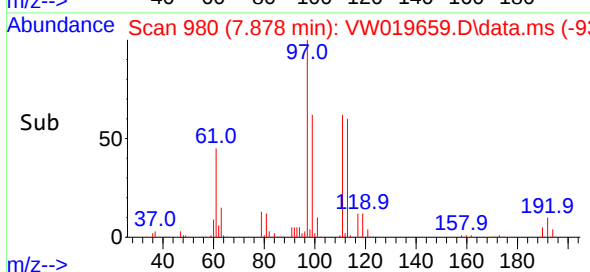
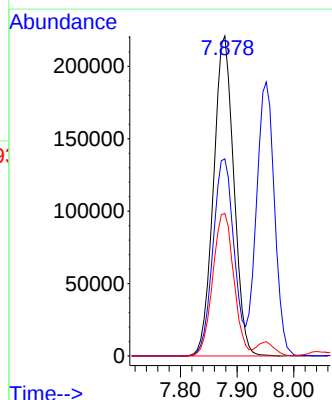
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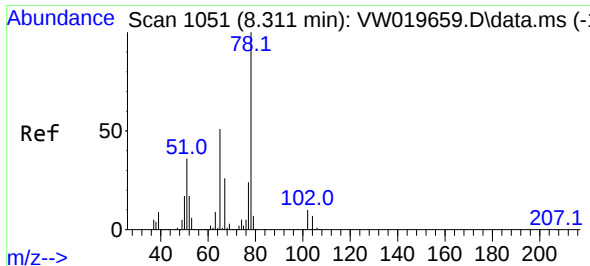


#32  
1,1,1-Trichloroethane  
Concen: 48.850 ug/l  
RT: 7.878 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



Tgt Ion: 97 Resp: 549011  
Ion Ratio Lower Upper  
97 100  
99 64.3 52.0 78.0  
61 46.1 36.5 54.7





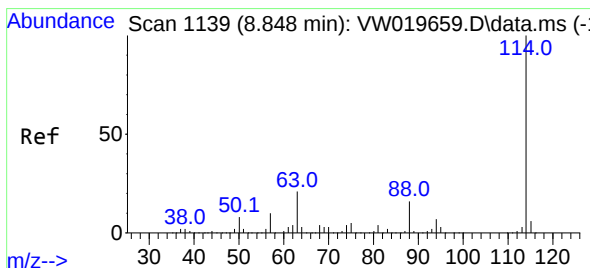
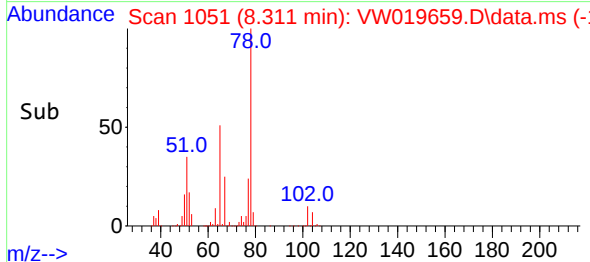
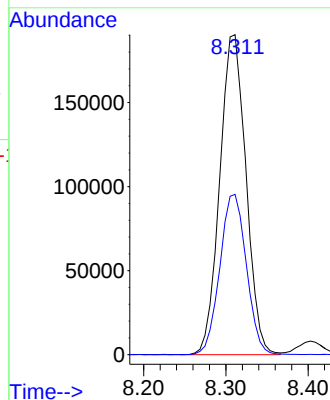
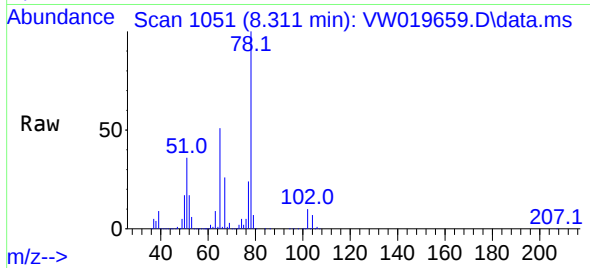
#33  
1,2-Dichloroethane-d4  
Concen: 49.187 ug/l  
RT: 8.311 min Scan# 1051  
Delta R.T. 0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 65 Resp: 422519  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 107.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

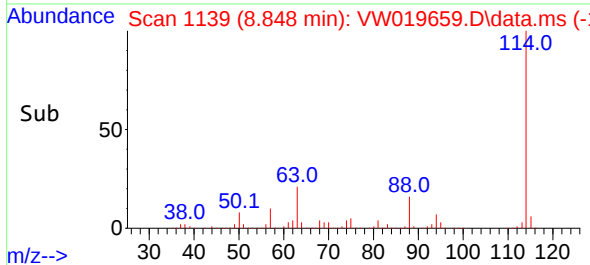
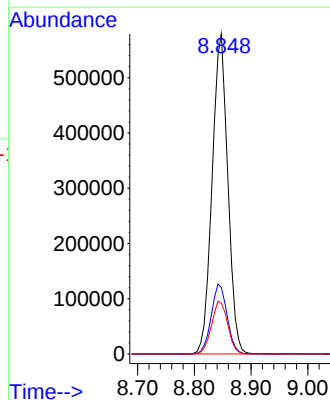
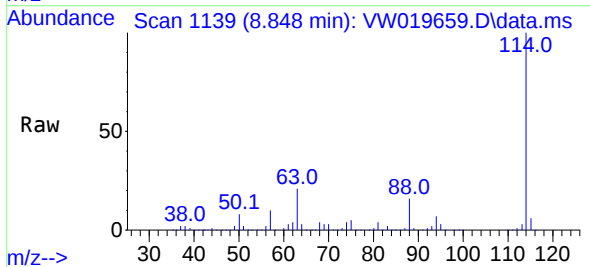
Manual Integrations  
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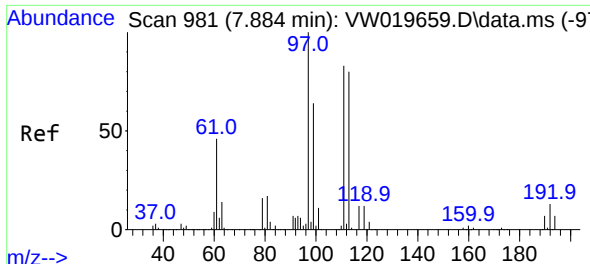
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.848 min Scan# 1139  
Delta R.T. 0.007 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

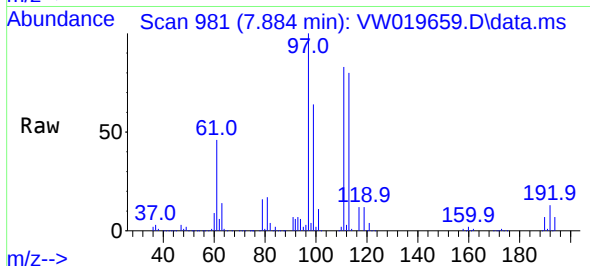
Tgt Ion: 114 Resp: 1111189  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 43.8  
88 15.9 0.0 33.4





#35  
Dibromofluoromethane  
Concen: 50.326 ug/l  
RT: 7.884 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

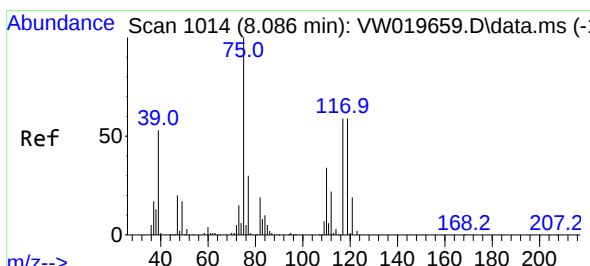
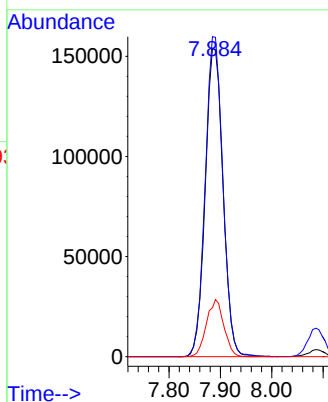
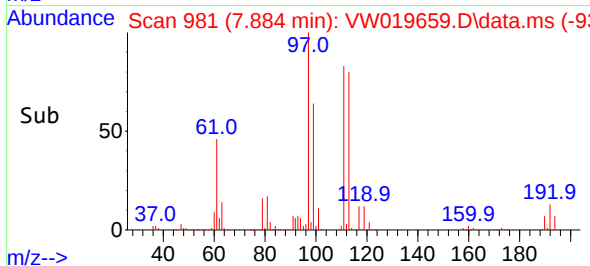
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



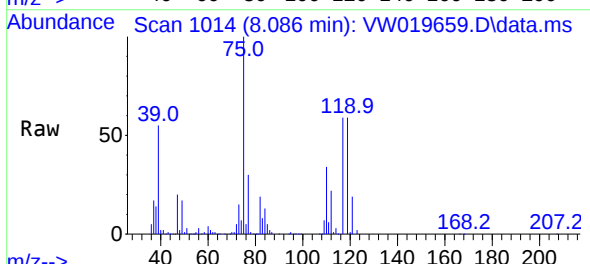
Tgt Ion:113 Resp: 369640  
Ion Ratio Lower Upper  
113 100  
111 103.1 83.8 125.6  
192 18.2 15.4 23.2

Manual Integrations  
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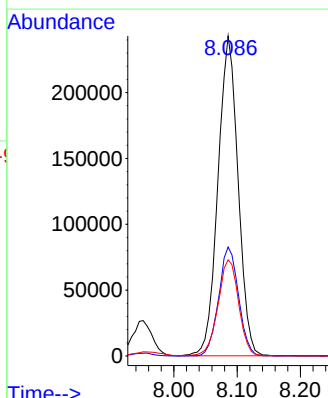
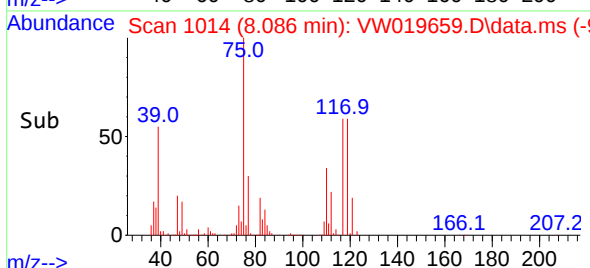
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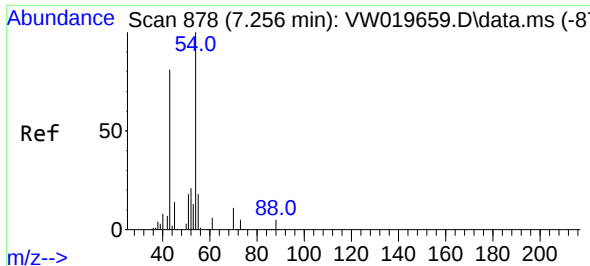


#36  
1,1-Dichloropropene  
Concen: 49.112 ug/l  
RT: 8.086 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



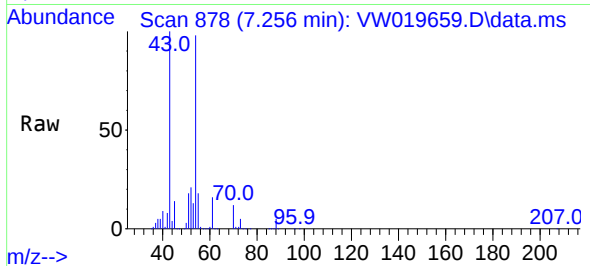
Tgt Ion: 75 Resp: 534814  
Ion Ratio Lower Upper  
75 100  
110 33.7 16.6 49.7  
77 30.9 25.1 37.7





#37  
Ethyl Acetate  
Concen: 51.673 ug/l  
RT: 7.256 min Scan# 878  
Delta R.T. 0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

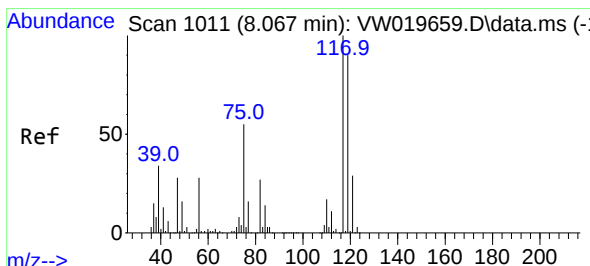
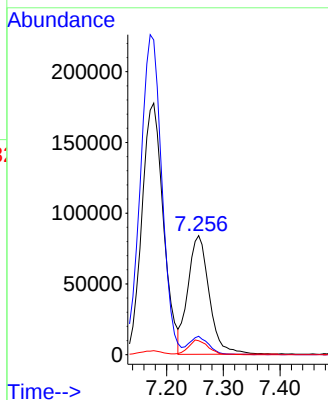
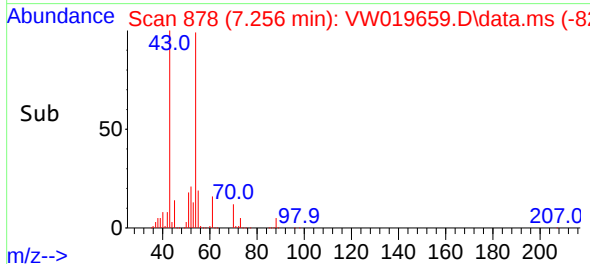
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



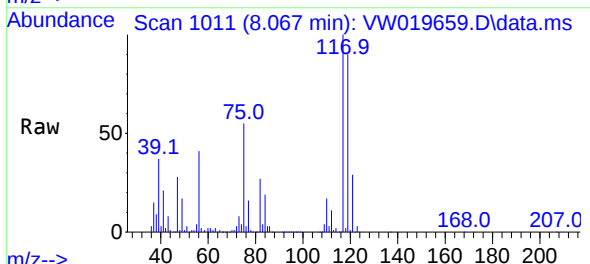
Tgt Ion: 43 Resp: 218238  
Ion Ratio Lower Upper  
43 100  
61 14.1 11.5 17.3  
70 11.5 9.4 14.0

Manual Integrations  
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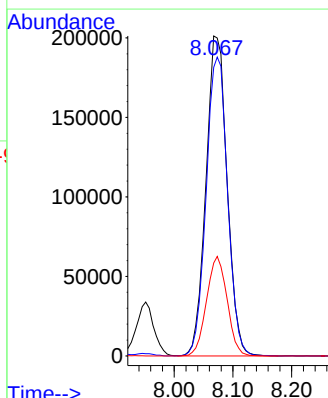
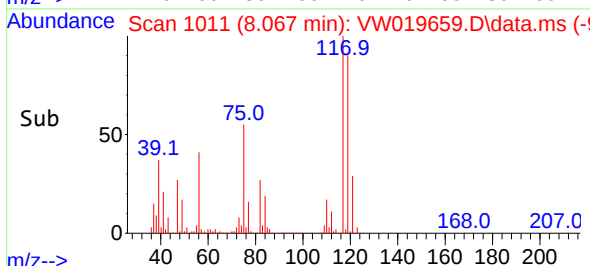
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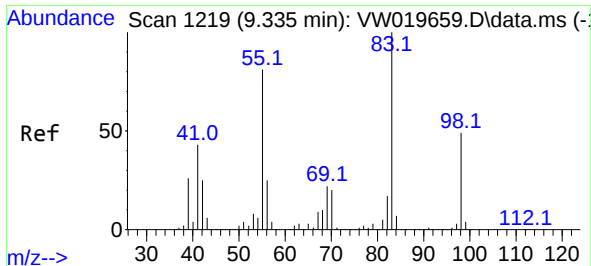


#38  
Carbon Tetrachloride  
Concen: 49.909 ug/l  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

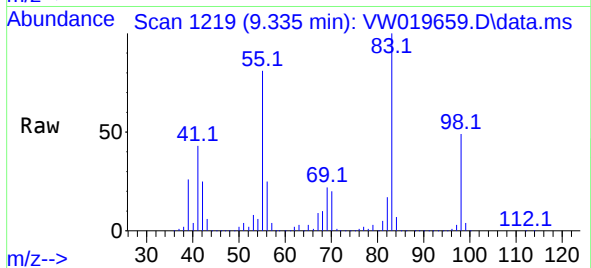


Tgt Ion: 117 Resp: 503469  
Ion Ratio Lower Upper  
117 100  
119 90.2 76.7 115.1  
121 29.1 24.8 37.2

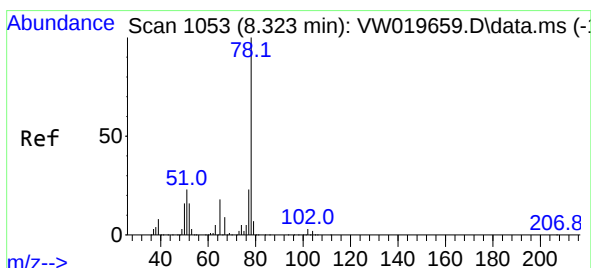
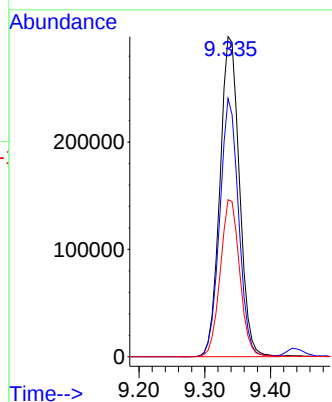
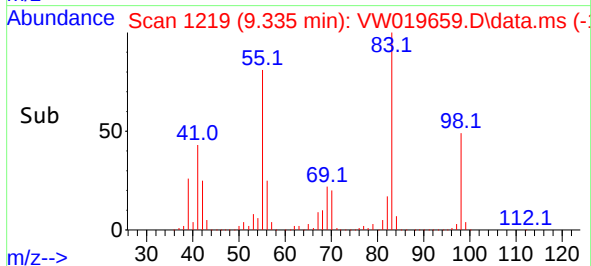




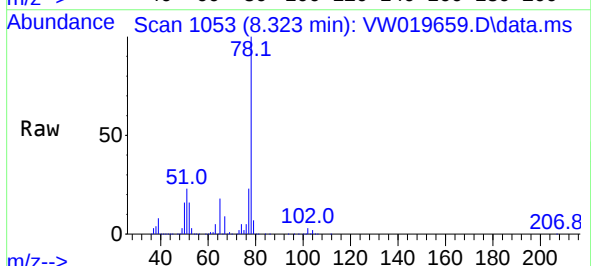
#39  
Methylcyclohexane  
Concen: 49.187 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



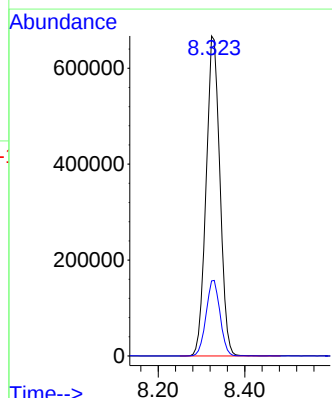
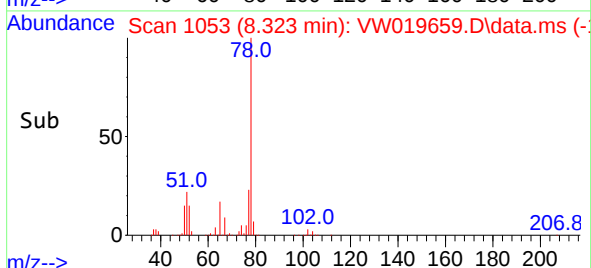
Tgt Ion: 83 Resp: 615192  
Ion Ratio Lower Upper  
83 100  
55 80.7 64.9 97.3  
98 49.1 38.1 57.1



#40  
Benzene  
Concen: 49.055 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



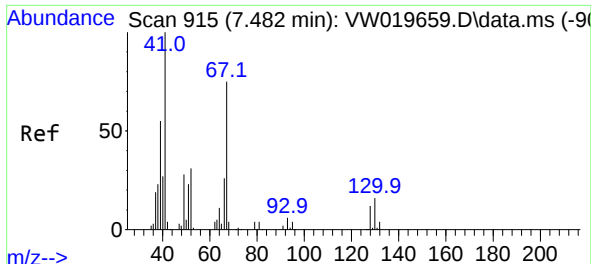
Tgt Ion: 78 Resp: 1471211  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.2 28.8



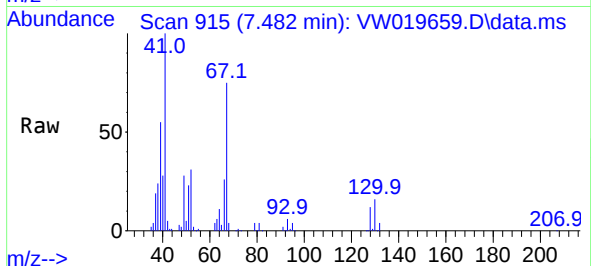
Instrument :  
MSVOA\_W  
ClientSampleId :  
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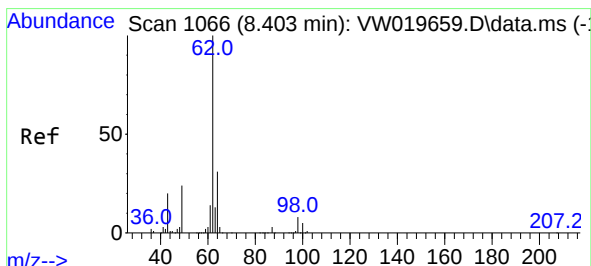
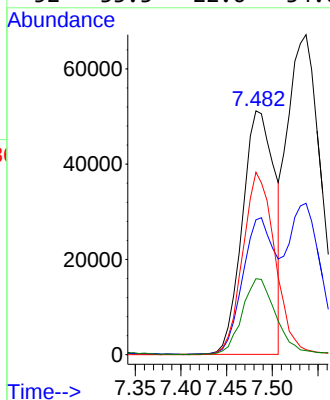
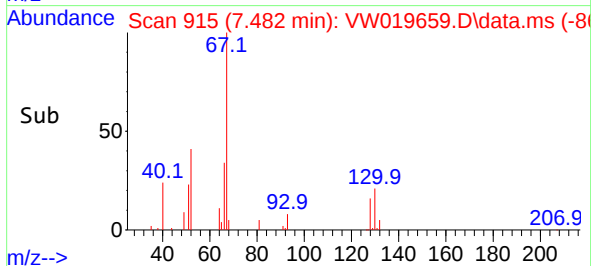
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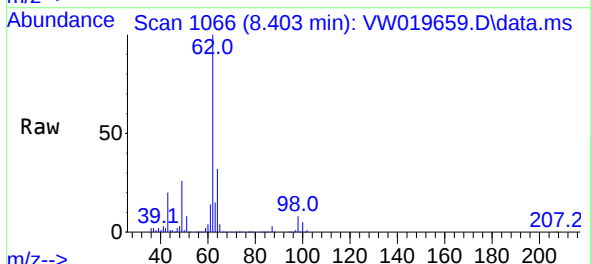
#41  
Methacrylonitrile  
Concen: 52.911 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



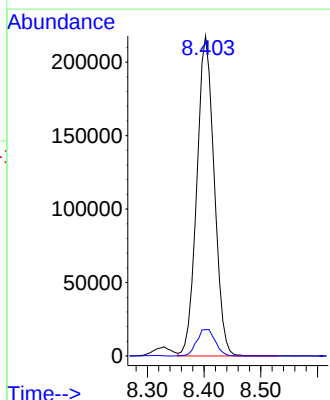
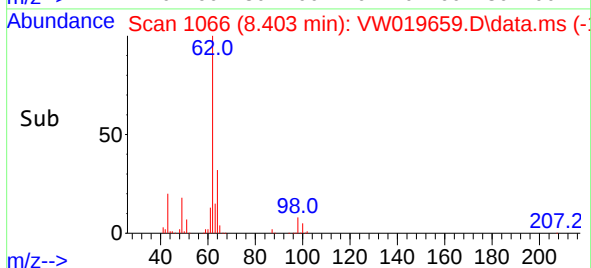
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 125942 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 56.1  | 41.6  | 62.4   |
| 67       | 75.4  | 55.3  | 82.9   |
| 52       | 33.3  | 22.6  | 34.0   |



#42  
1,2-Dichloroethane  
Concen: 49.350 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



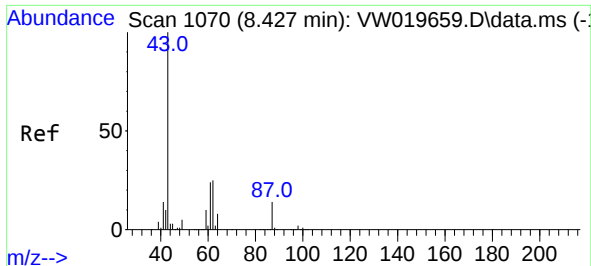
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 463251 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.8   | 0.0   | 18.4   |



Instrument :  
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ClientSampleId :  
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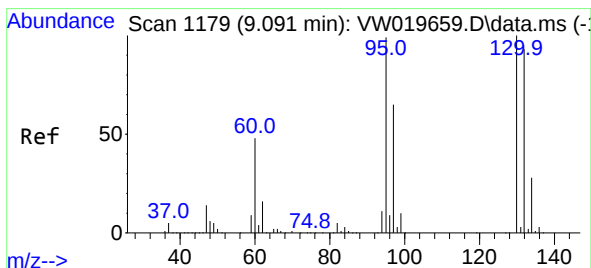
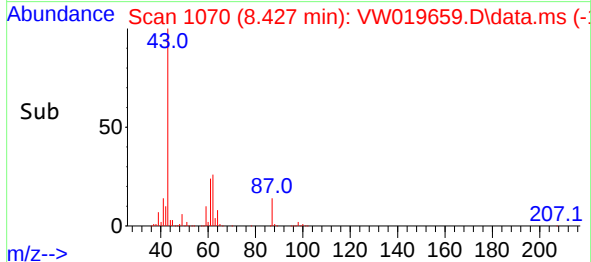
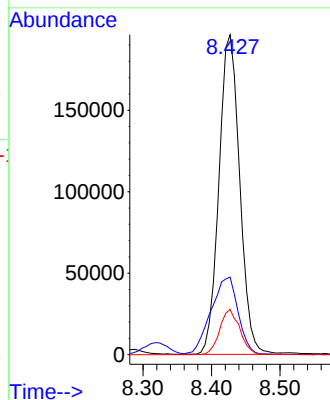
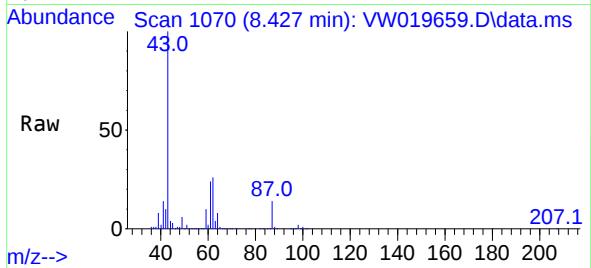
#43  
Isopropyl Acetate  
Concen: 51.501 ug/l  
RT: 8.427 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 412578 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 31.7  | 26.2  | 39.4   |
| 87       | 13.8  | 11.0  | 16.6   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
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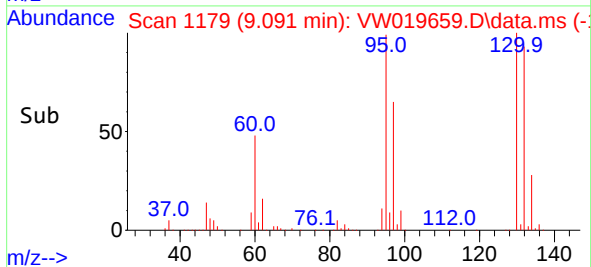
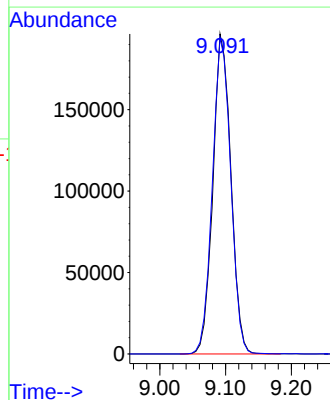
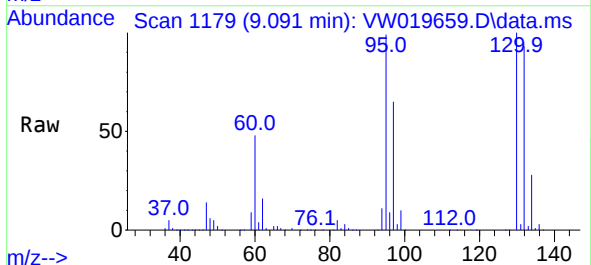
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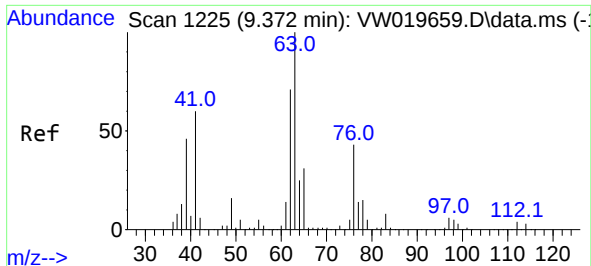
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#44  
Trichloroethene  
Concen: 48.541 ug/l  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.007 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

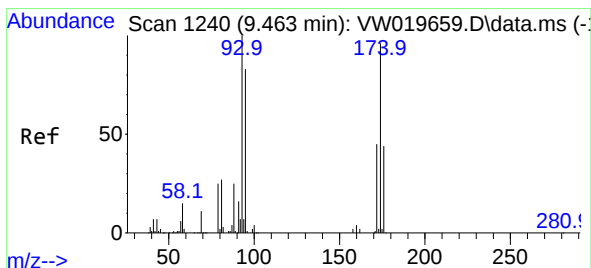
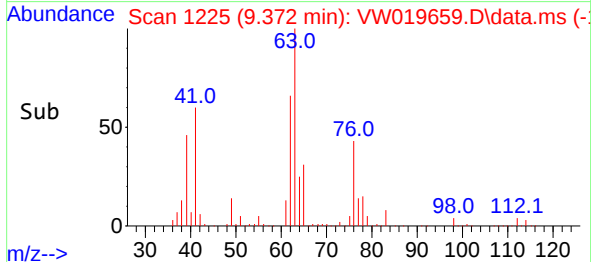
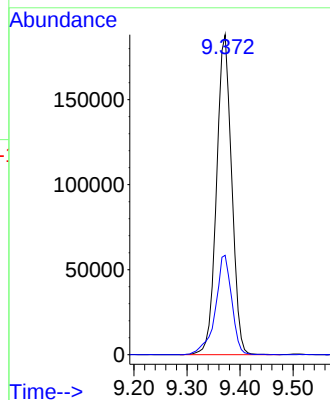
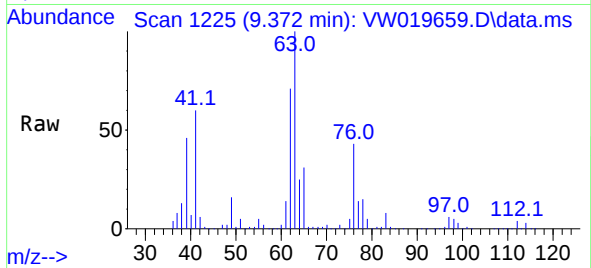
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 374455 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 98.9  | 0.0   | 194.6  |





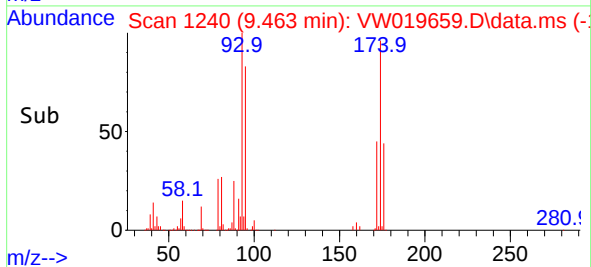
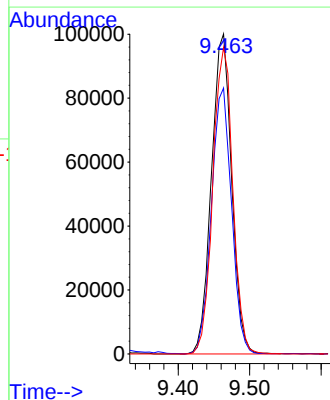
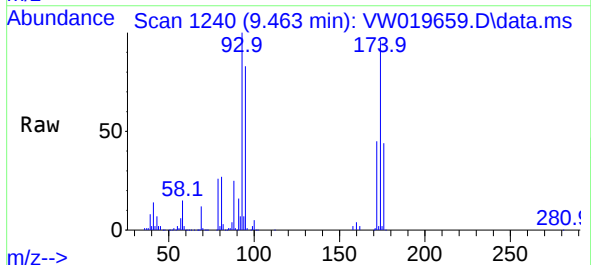
#45  
1,2-Dichloropropane  
Concen: 49.074 ug/l  
RT: 9.372 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
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Tgt Ion: 63 Resp: 372733  
Ion Ratio Lower Upper  
63 100  
65 31.1 25.3 37.9



#46  
Dibromomethane  
Concen: 48.985 ug/l  
RT: 9.463 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

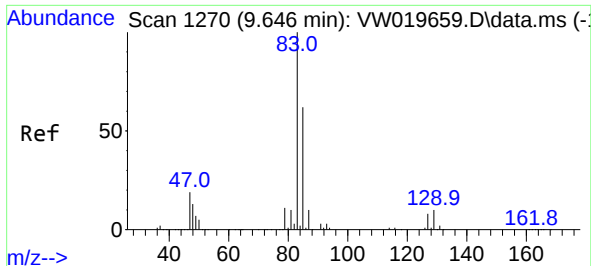
Tgt Ion: 93 Resp: 196781  
Ion Ratio Lower Upper  
93 100  
95 82.6 66.0 99.0  
174 94.5 75.0 112.6



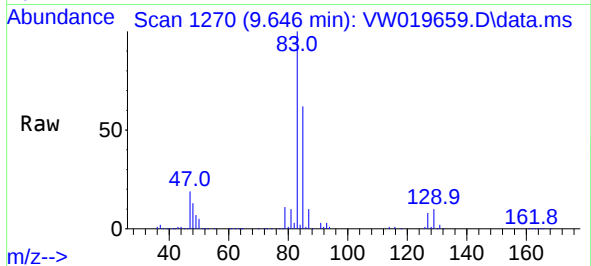
Instrument :  
MSVOA\_W  
ClientSampleId :  
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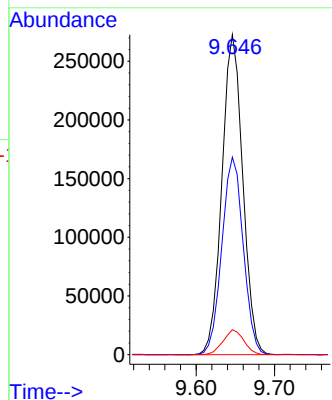
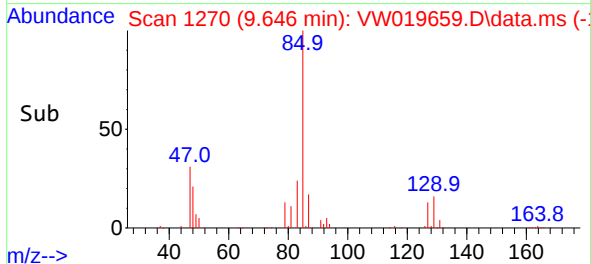
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#47  
Bromodichloromethane  
Concen: 50.416 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



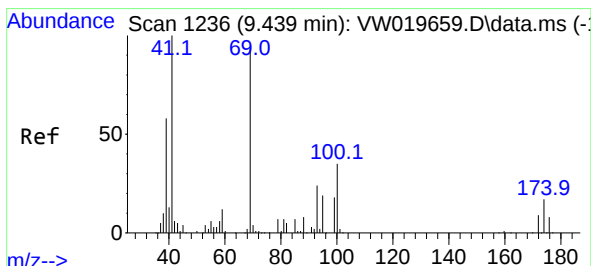
Tgt Ion: 83 Resp: 505784  
Ion Ratio Lower Upper  
83 100  
85 61.7 49.9 74.9  
127 7.8 6.2 9.4



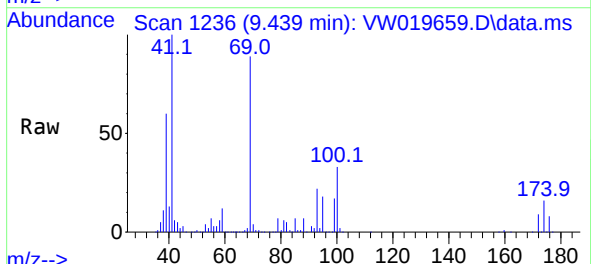
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

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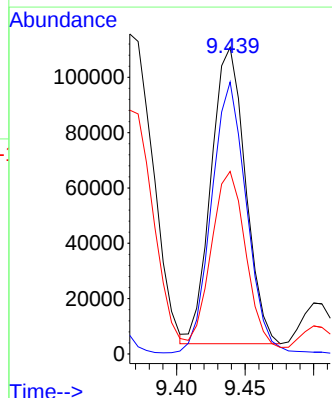
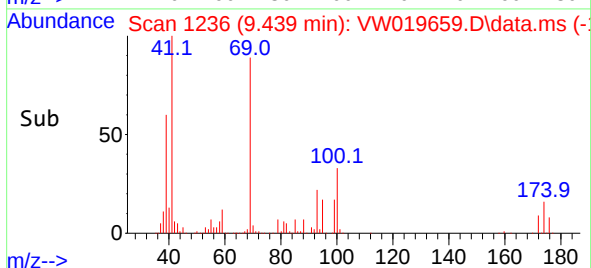
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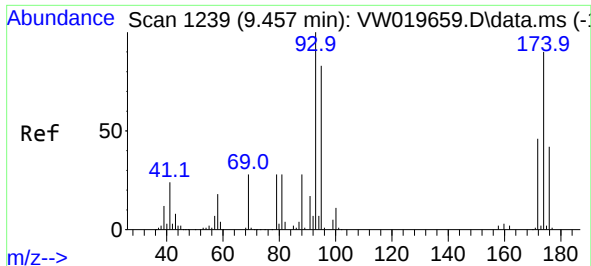


#48  
Methyl methacrylate  
Concen: 52.519 ug/l  
RT: 9.439 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



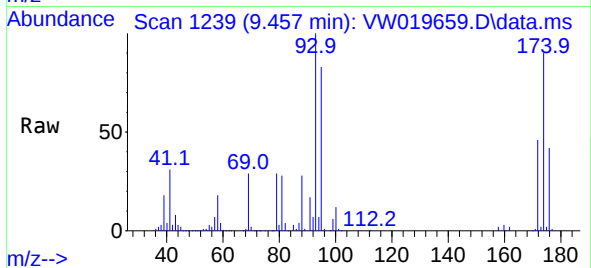
Tgt Ion: 41 Resp: 186986  
Ion Ratio Lower Upper  
41 100  
69 93.8 74.5 111.7  
39 58.7 41.1 61.7





#49  
1,4-Dioxane  
Concen: 1069.501 ug/l  
RT: 9.457 min Scan# 1239  
Delta R.T. 0.012 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

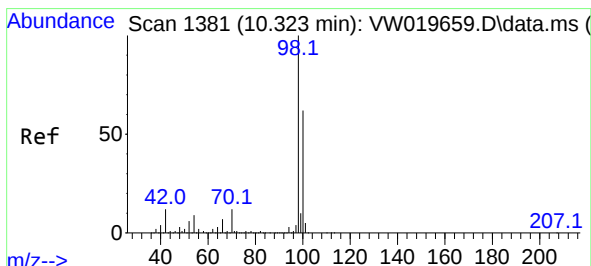
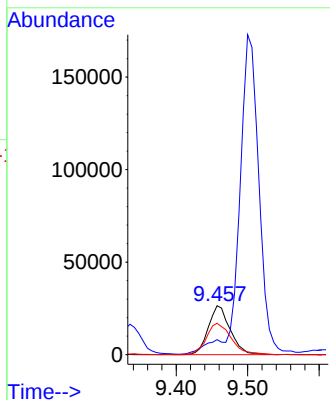
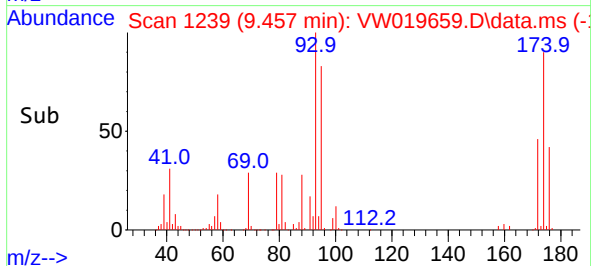
Instrument :  
MSVOA\_W  
ClientSampleId :  
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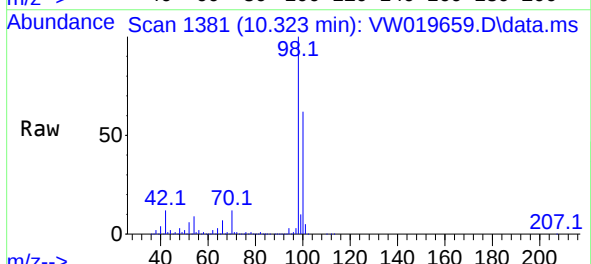
Tgt Ion: 88 Resp: 55920  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 73.9 61.8 92.6

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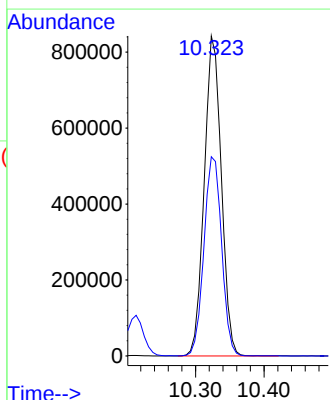
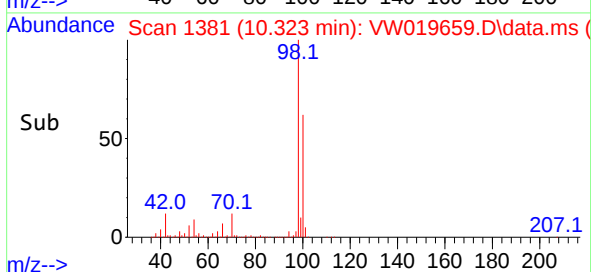
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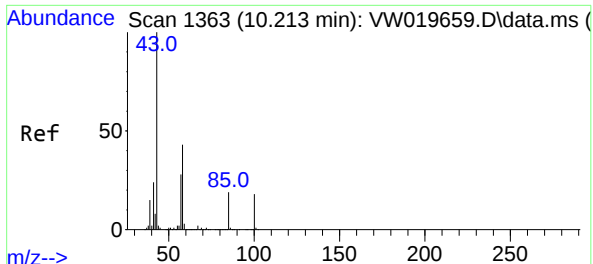


#50  
Toluene-d8  
Concen: 50.993 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
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Tgt Ion: 98 Resp: 1463679  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.2 78.4





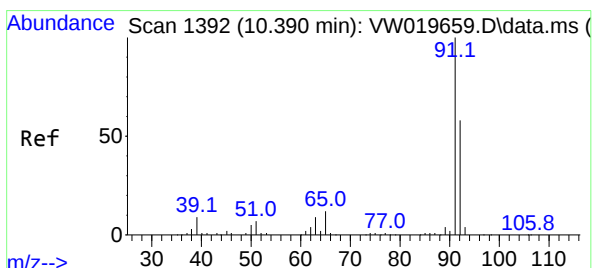
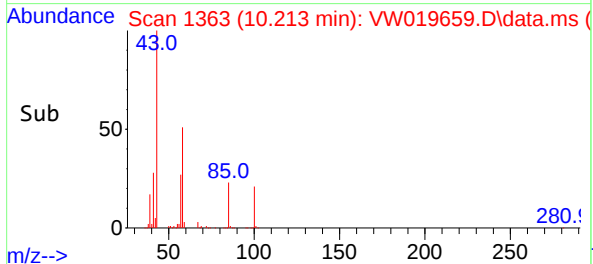
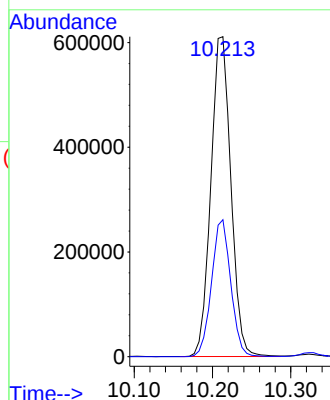
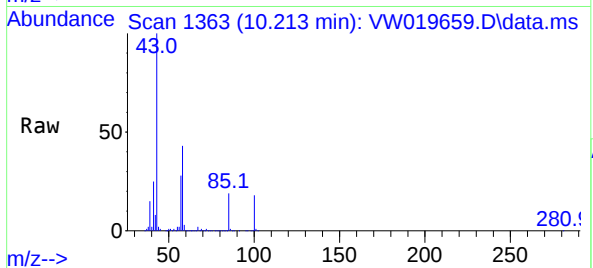
#51  
4-Methyl-2-Pentanone  
Concen: 259.171 ug/l  
RT: 10.213 min Scan# 1363  
Delta R.T. 0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 43 Resp: 1086250  
Ion Ratio Lower Upper  
43 100  
58 41.1 33.4 50.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
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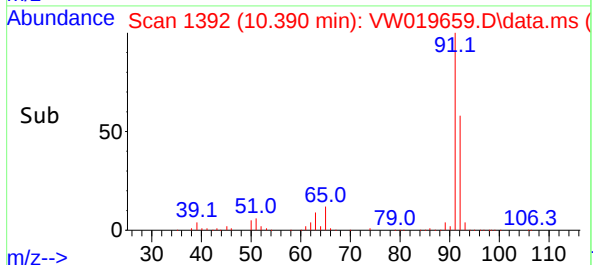
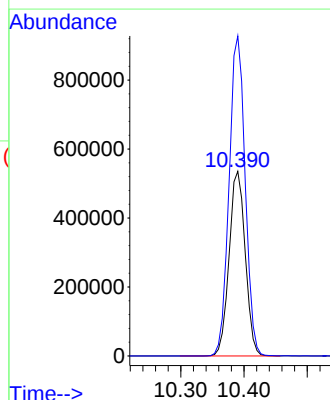
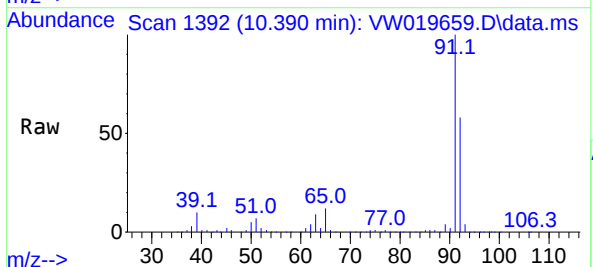
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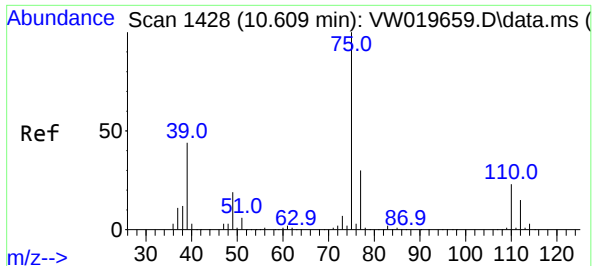
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#52  
Toluene  
Concen: 50.194 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
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Tgt Ion: 92 Resp: 948334  
Ion Ratio Lower Upper  
92 100  
91 172.5 139.3 208.9





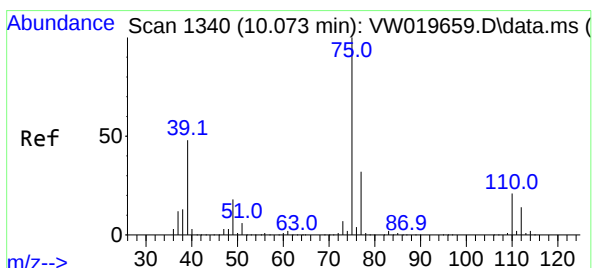
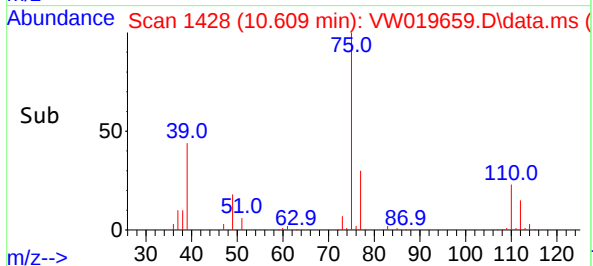
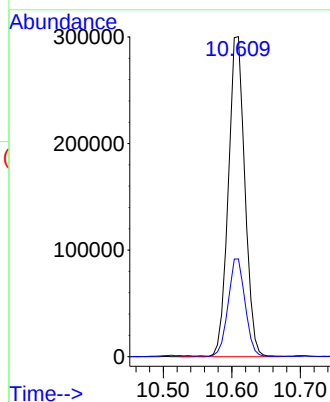
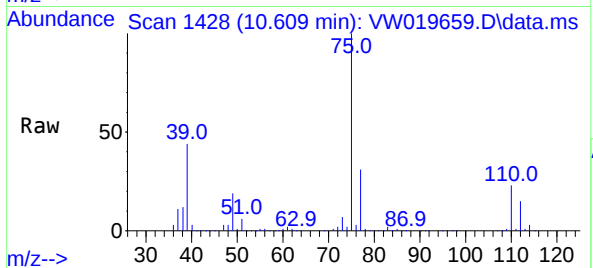
#53  
t-1,3-Dichloropropene  
Concen: 51.357 ug/l  
RT: 10.609 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
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Tgt Ion: 75 Resp: 503023  
Ion Ratio Lower Upper  
75 100  
77 30.4 24.9 37.3

Instrument :  
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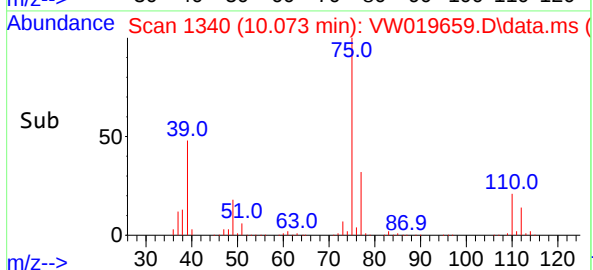
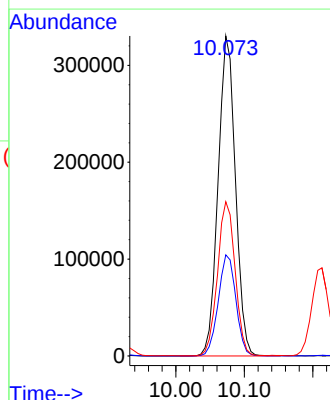
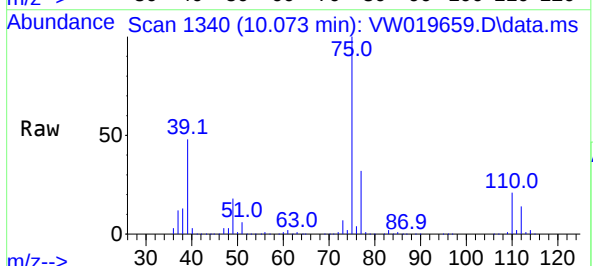
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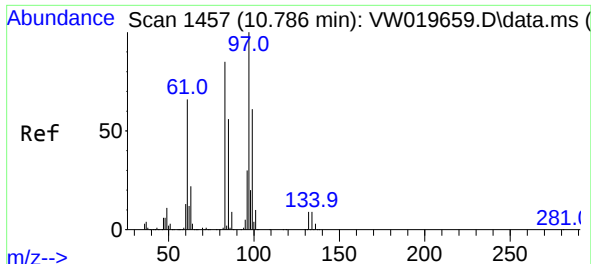
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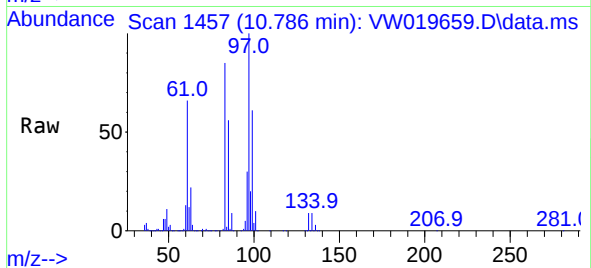
#54  
cis-1,3-Dichloropropene  
Concen: 50.332 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 75 Resp: 576400  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.4 38.0  
39 48.1 35.3 52.9



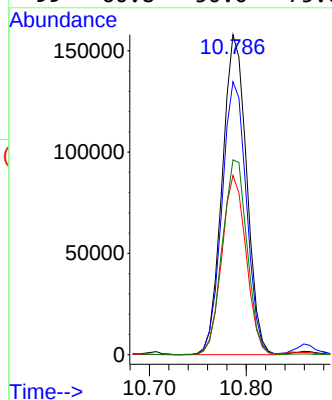


#55  
1,1,2-Trichloroethane  
Concen: 49.290 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
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Tgt Ion: 97 Resp: 276771

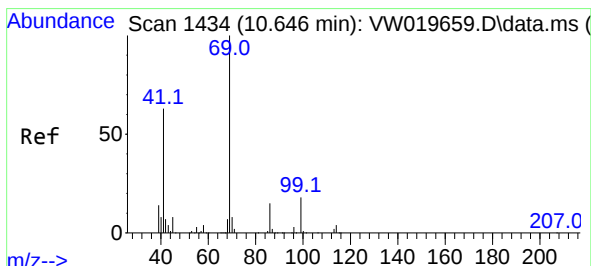
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.3  | 69.4  | 104.2 |
| 85  | 56.0  | 43.3  | 64.9  |
| 99  | 60.8  | 50.0  | 75.0  |



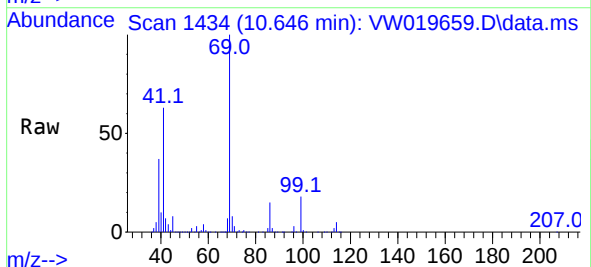
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ClientSampleId :  
VSTDICCC050

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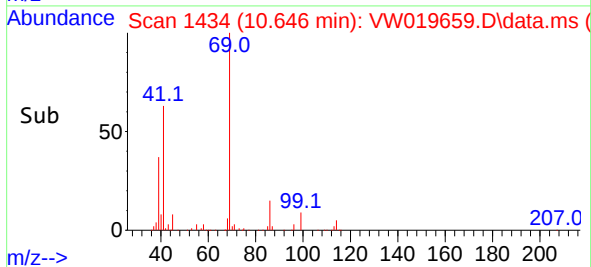
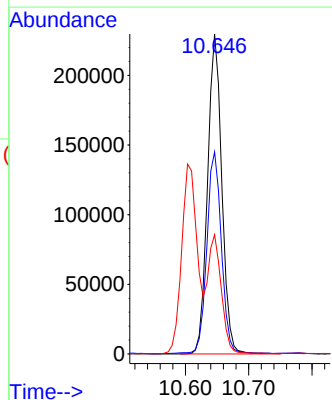


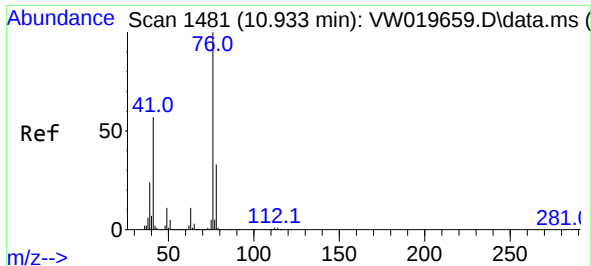
#56  
Ethyl methacrylate  
Concen: 53.313 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



Tgt Ion: 69 Resp: 360022

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.8  | 51.0  | 76.6  |
| 39  | 35.3  | 23.9  | 35.9  |





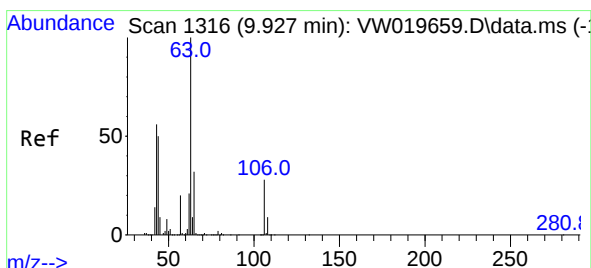
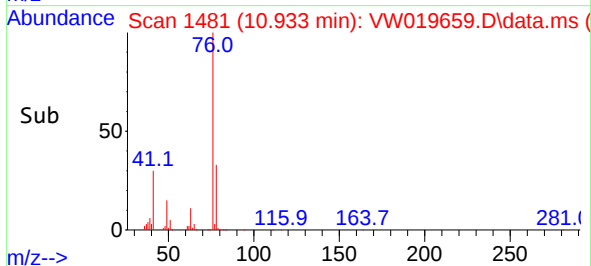
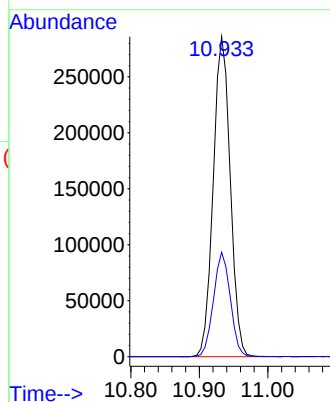
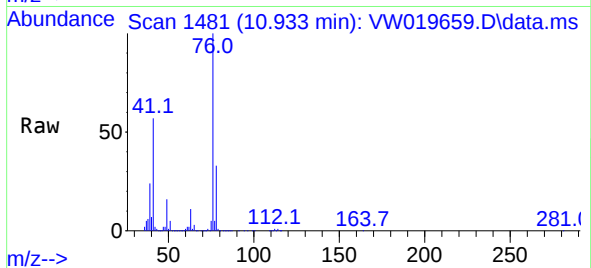
#57  
1,3-Dichloropropane  
Concen: 49.718 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 76 Resp: 493136  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.6 38.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

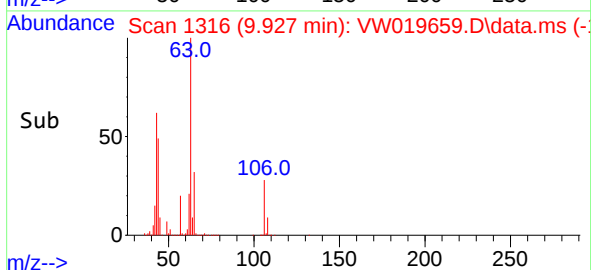
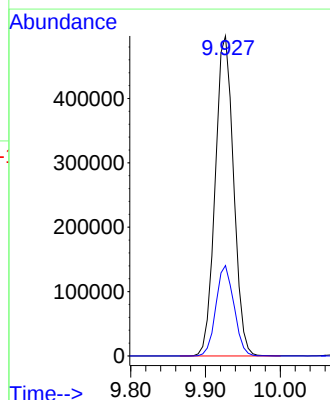
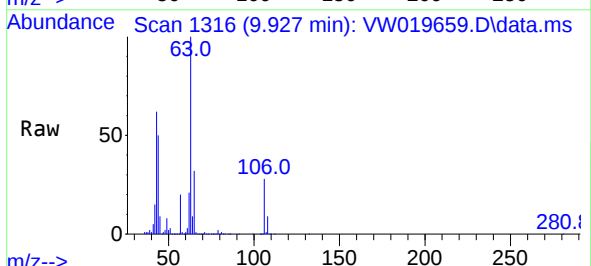
Manual Integrations  
APPROVED

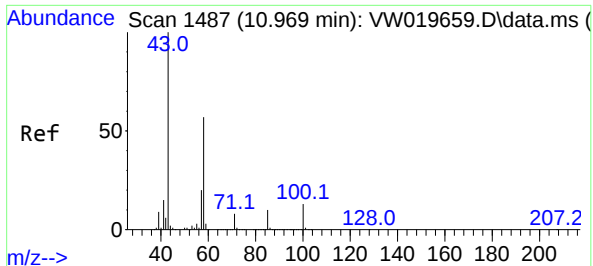
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#58  
2-Chloroethyl Vinyl ether  
Concen: 270.457 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

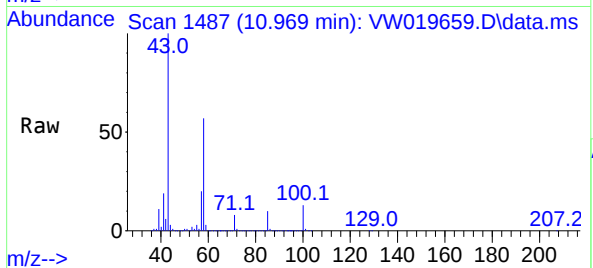
Tgt Ion: 63 Resp: 848351  
Ion Ratio Lower Upper  
63 100  
106 27.7 22.6 33.8





#59  
2-Hexanone  
Concen: 260.813 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

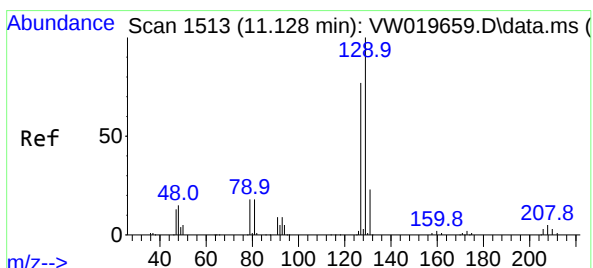
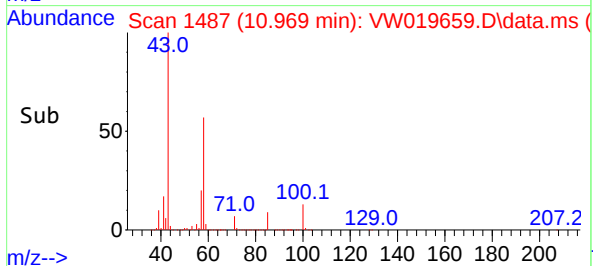
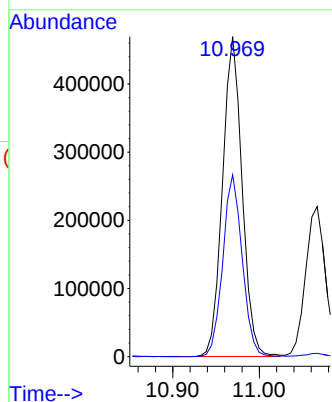
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 43 Resp: 737046  
Ion Ratio Lower Upper  
43 100  
58 56.4 29.3 87.8

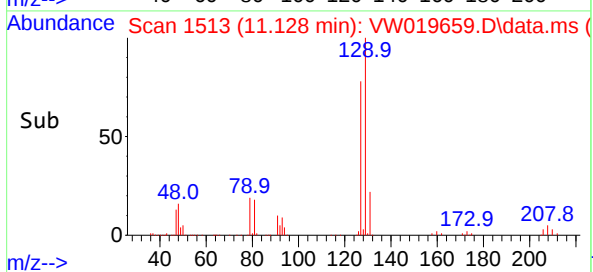
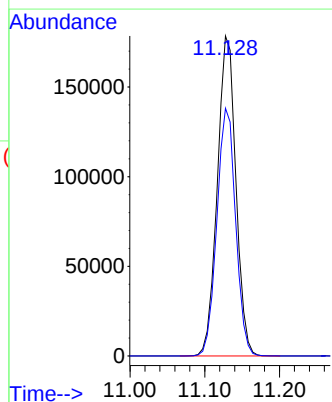
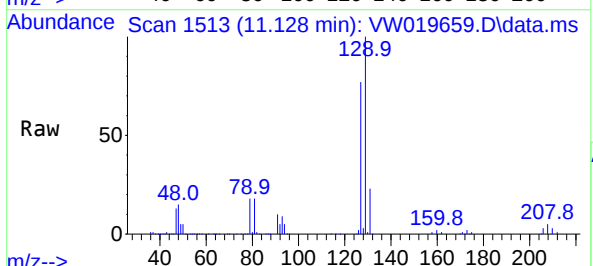
Manual Integrations  
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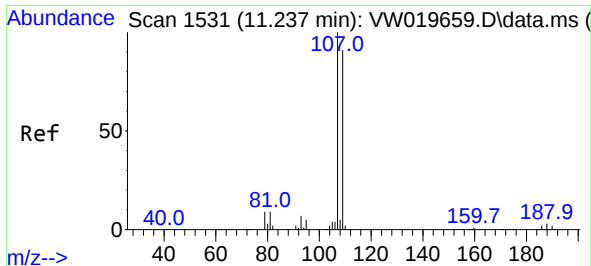
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#60  
Dibromochloromethane  
Concen: 50.492 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

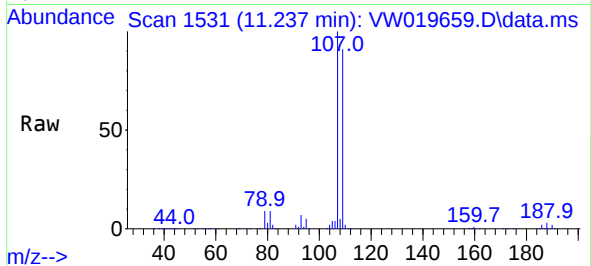
Tgt Ion: 129 Resp: 308391  
Ion Ratio Lower Upper  
129 100  
127 78.2 39.8 119.4





#61  
1,2-Dibromoethane  
Concen: 49.842 ug/l  
RT: 11.237 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

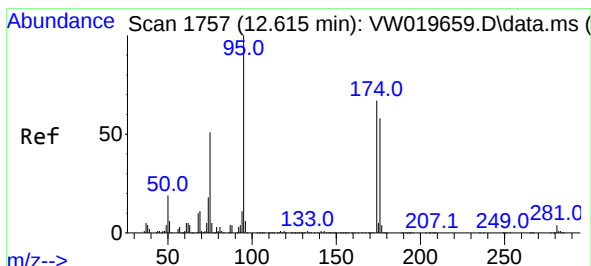
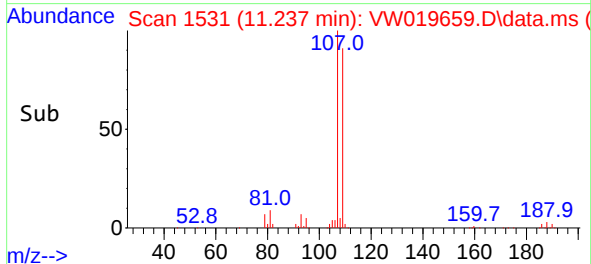
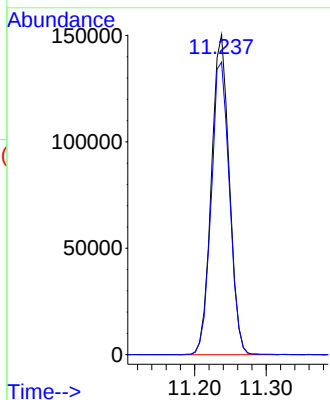
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



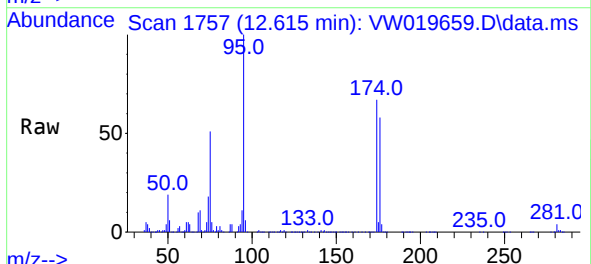
Tgt Ion:107 Resp: 260966  
Ion Ratio Lower Upper  
107 100  
109 93.4 76.6 114.8

Manual Integrations  
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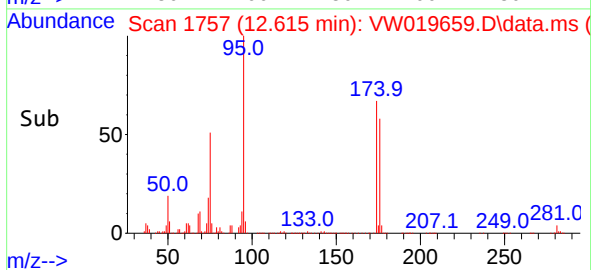
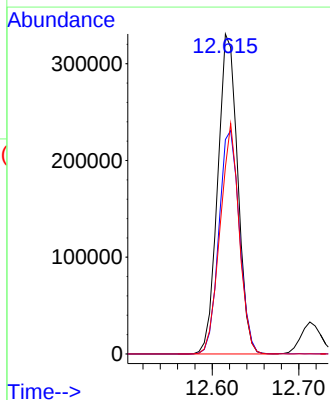
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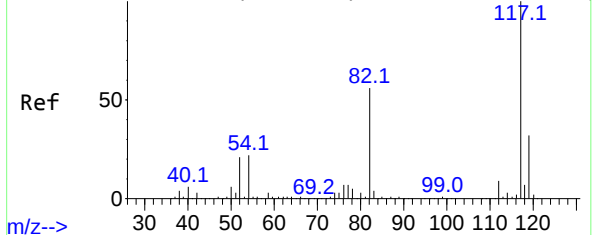
#62  
4-Bromofluorobenzene  
Concen: 51.770 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. -0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



Tgt Ion: 95 Resp: 530199  
Ion Ratio Lower Upper  
95 100  
174 71.6 0.0 146.6  
176 68.6 0.0 136.8



Abundance Scan 1596 (11.634 min): VW019659.D\data.ms (



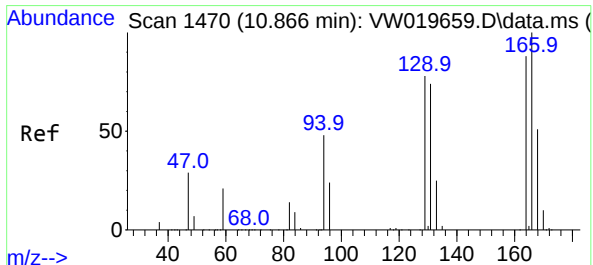
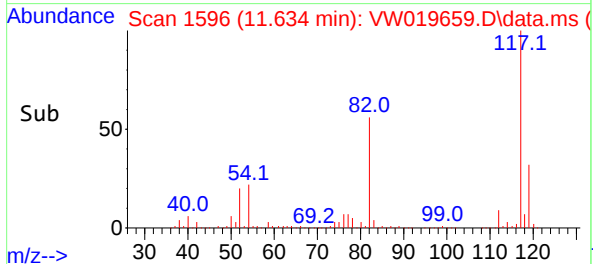
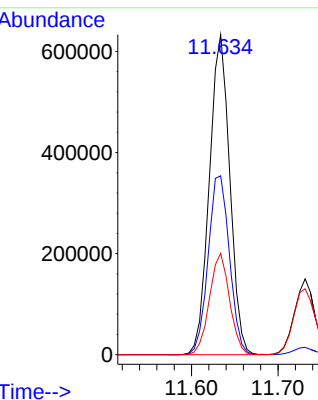
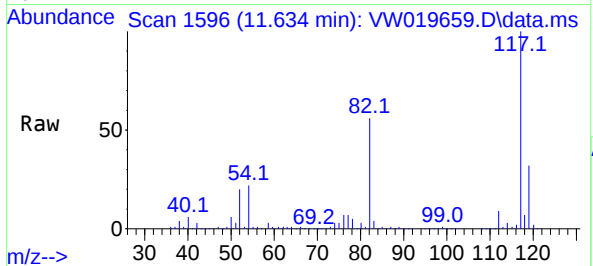
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion:117 Resp: 1037003  
Ion Ratio Lower Upper  
117 100  
82 55.9 47.4 71.0  
119 31.7 26.6 39.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

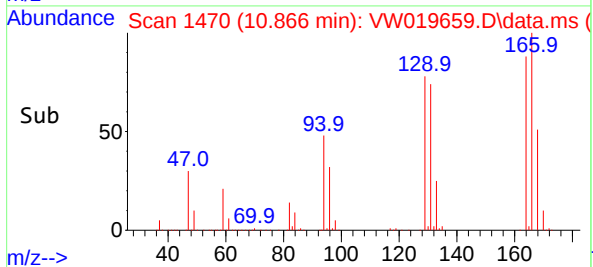
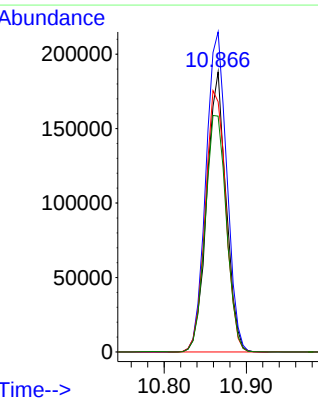
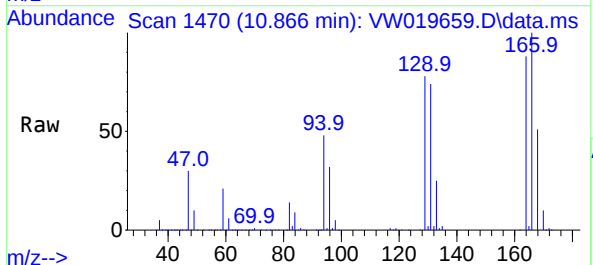
Manual Integrations  
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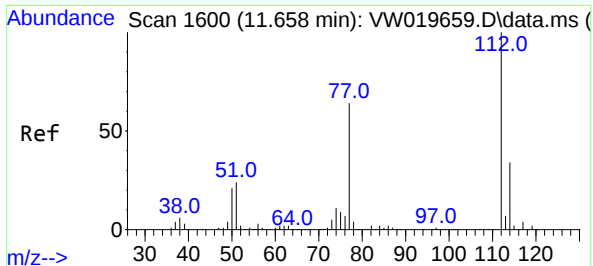
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#64  
Tetrachloroethene  
Concen: 47.797 ug/l  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion:164 Resp: 307617  
Ion Ratio Lower Upper  
164 100  
166 114.3 98.5 147.7  
129 89.4 76.3 114.5  
131 84.2 73.1 109.7





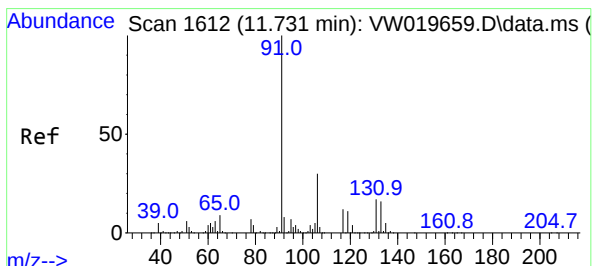
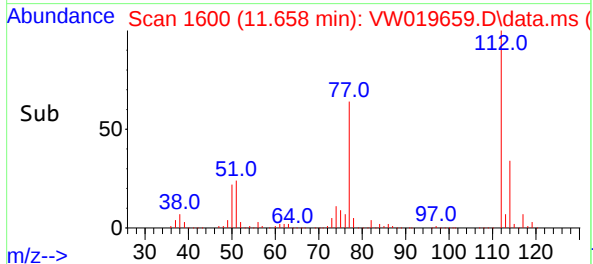
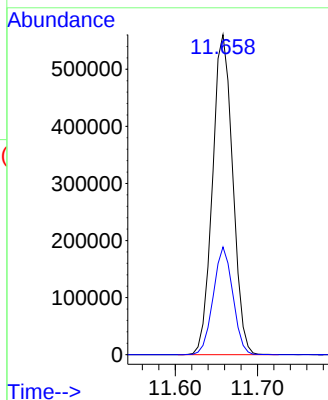
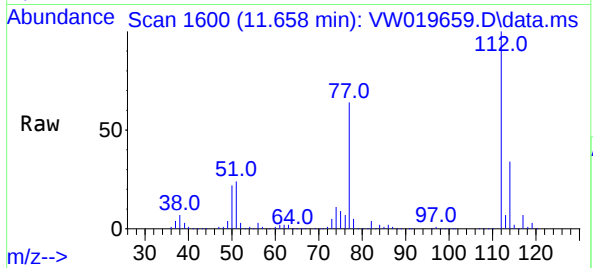
#65  
Chlorobenzene  
Concen: 46.639 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Tgt Ion:112 Resp: 959719  
Ion Ratio Lower Upper  
112 100  
114 33.7 25.6 38.4

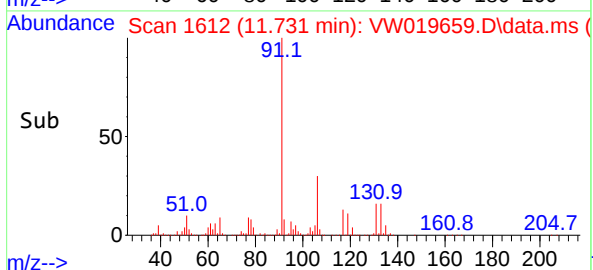
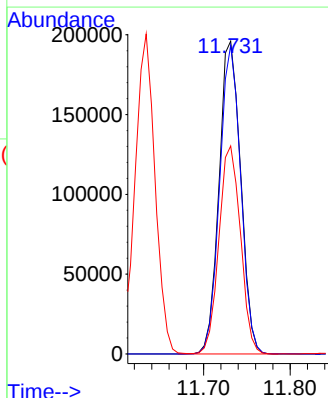
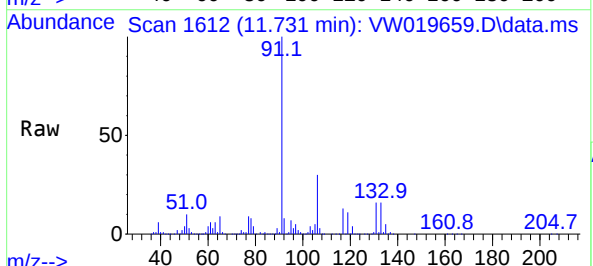
Manual Integrations  
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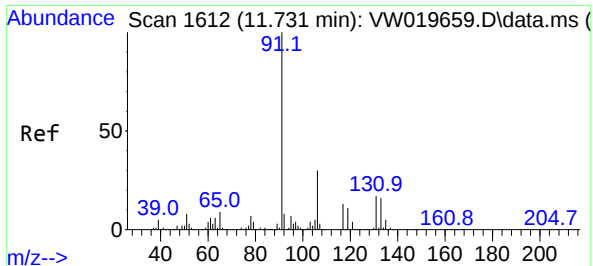
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.247 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

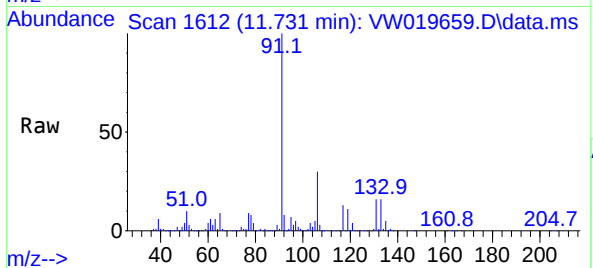
Tgt Ion:131 Resp: 340012  
Ion Ratio Lower Upper  
131 100  
133 96.0 46.8 140.3  
119 66.2 32.9 98.6





#67  
Ethyl Benzene  
Concen: 49.550 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

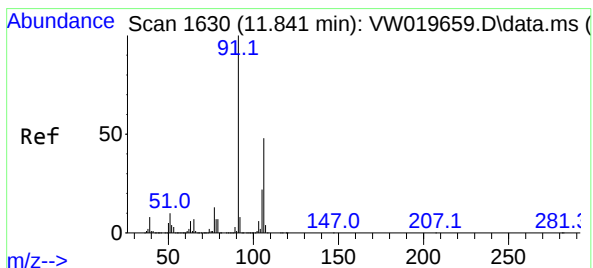
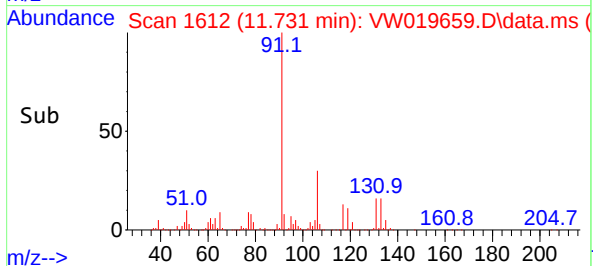
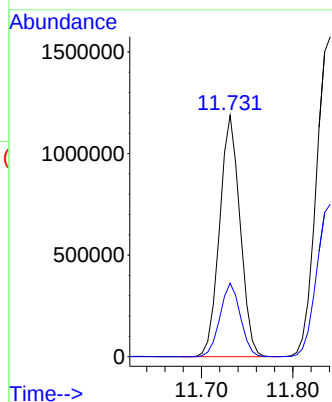
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



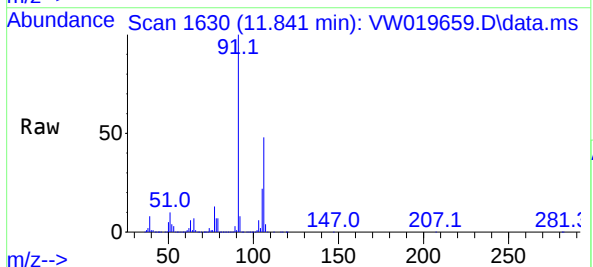
Tgt Ion: 91 Resp: 1848791  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.8 37.2

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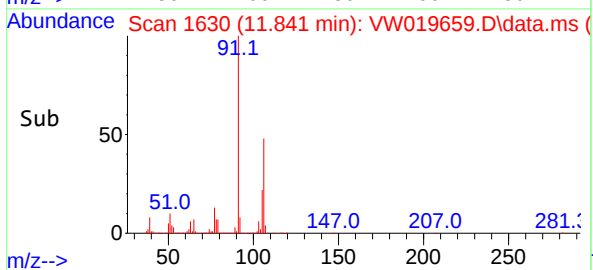
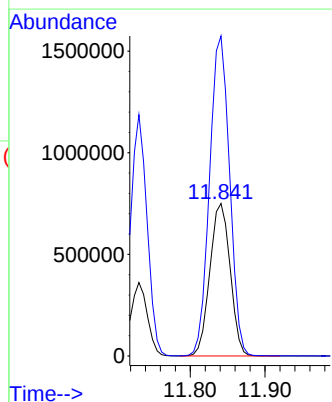
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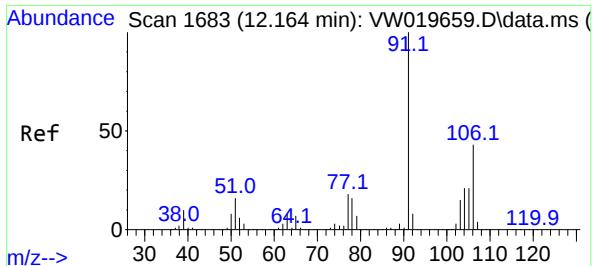


#68  
m/p-Xylenes  
Concen: 99.134 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



Tgt Ion:106 Resp: 1412930  
Ion Ratio Lower Upper  
106 100  
91 207.5 164.3 246.5





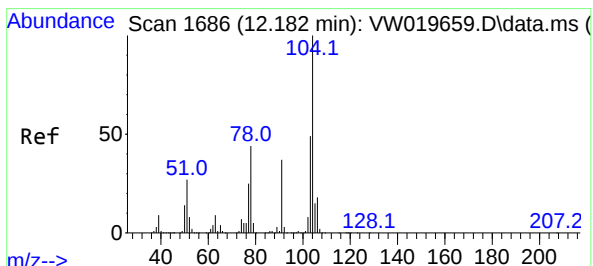
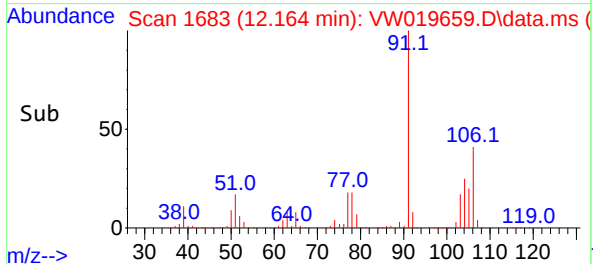
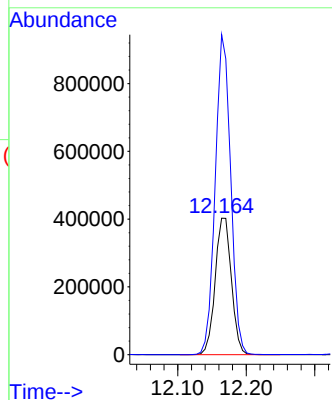
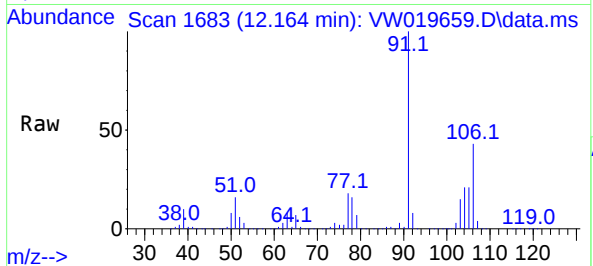
#69  
o-Xylene  
Concen: 49.979 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Tgt Ion:106 Resp: 659993  
Ion Ratio Lower Upper  
106 100  
91 223.2 106.5 319.6

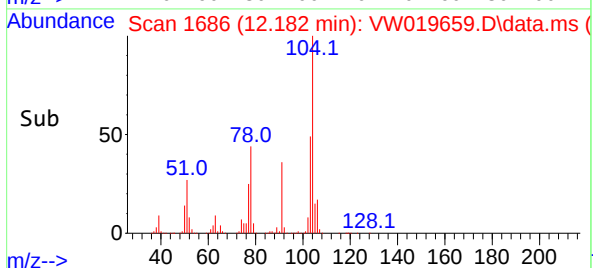
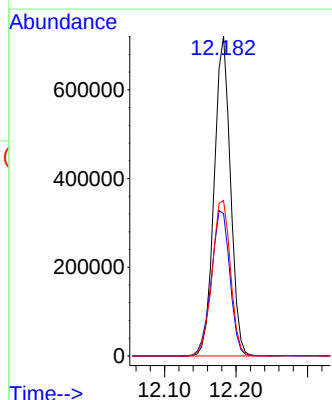
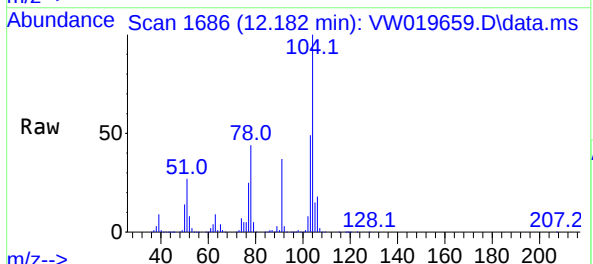
Manual Integrations  
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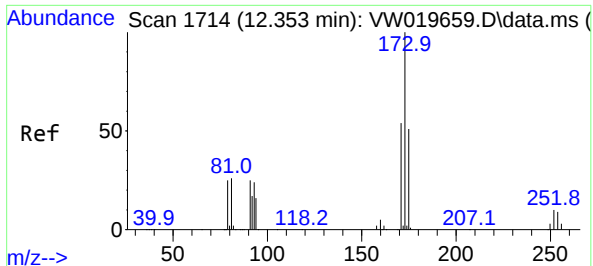
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#70  
Styrene  
Concen: 50.998 ug/l  
RT: 12.182 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion:104 Resp: 1138104  
Ion Ratio Lower Upper  
104 100  
78 52.0 41.4 62.0  
103 55.1 43.3 64.9





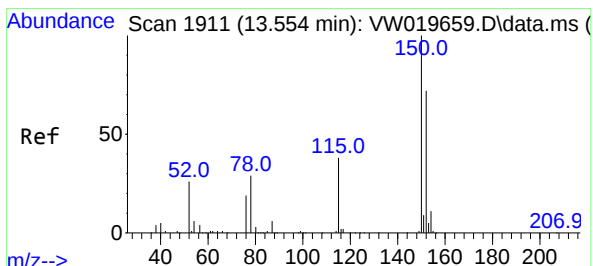
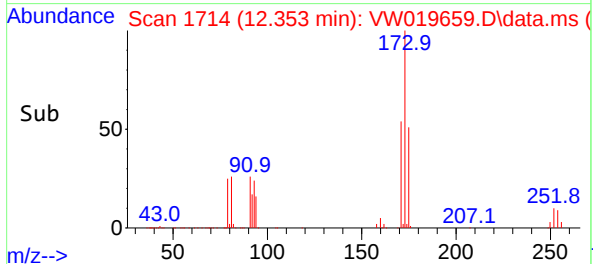
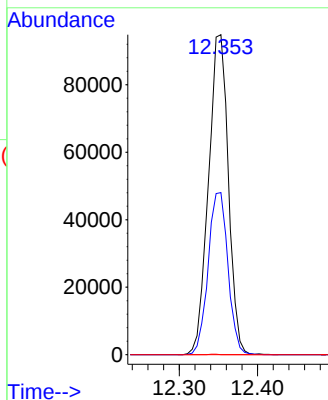
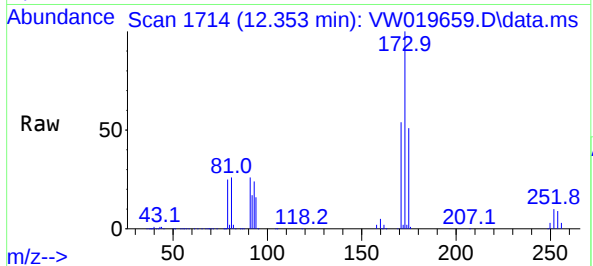
#71  
Bromoform  
Concen: 49.394 ug/l  
RT: 12.353 min Scan# 1714  
Delta R.T. 0.006 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion:173 Resp: 167218  
Ion Ratio Lower Upper  
173 100  
175 50.5 21.9 65.8  
254 0.1 0.0 0.0#

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

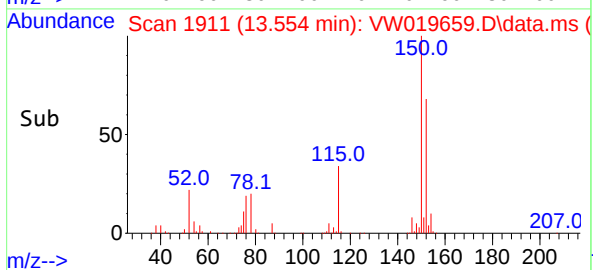
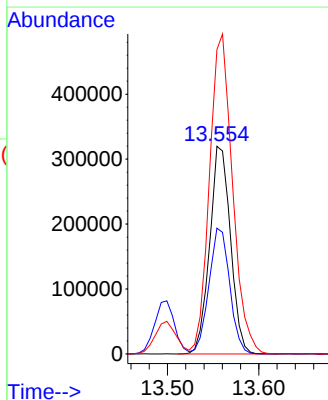
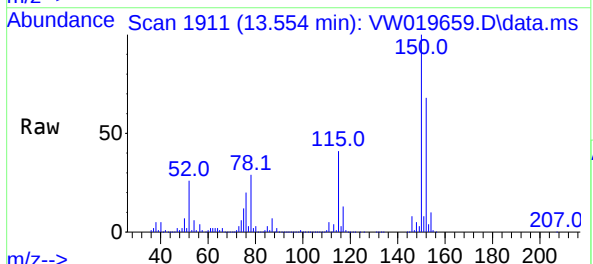
Manual Integrations  
APPROVED

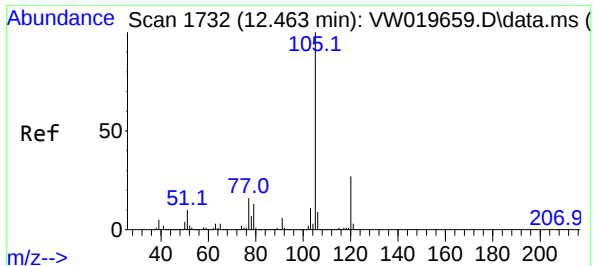
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.554 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

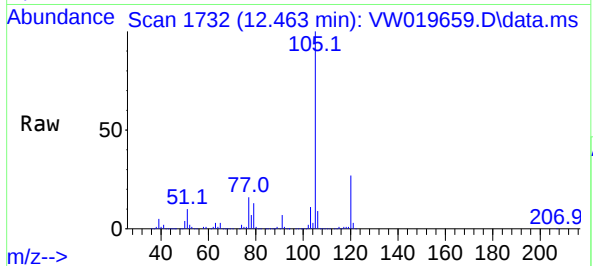
Tgt Ion:152 Resp: 506446  
Ion Ratio Lower Upper  
152 100  
115 60.3 30.6 91.8  
150 170.1 0.0 342.4





#73  
Isopropylbenzene  
Concen: 50.182 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

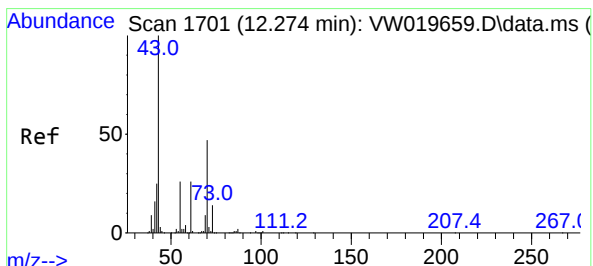
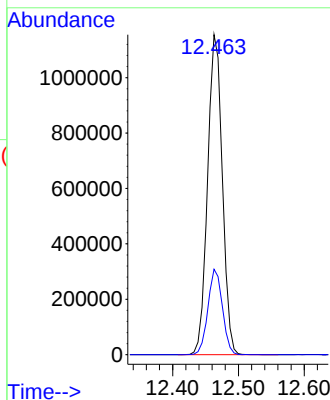
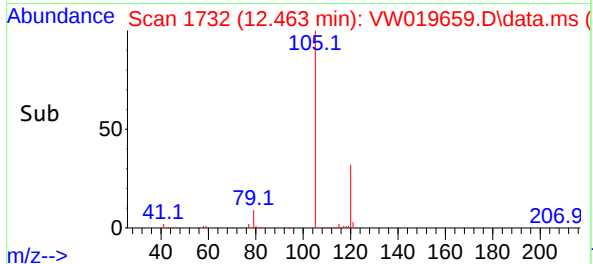
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



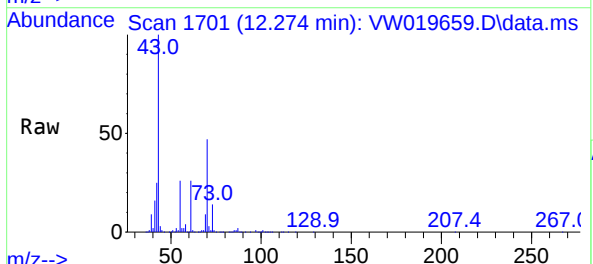
Tgt Ion:105 Resp: 1799167  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.0 39.0

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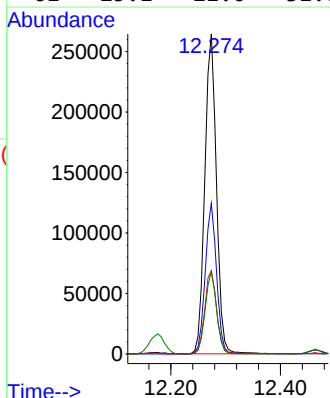
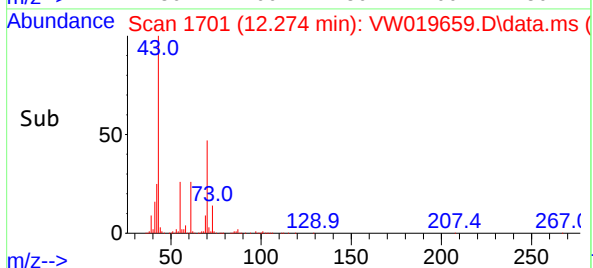
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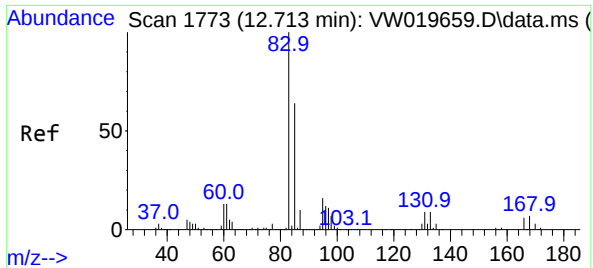


#74  
N-ethyl acetate  
Concen: 51.354 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



Tgt Ion: 43 Resp: 387346  
Ion Ratio Lower Upper  
43 100  
70 46.1 37.0 55.4  
55 26.7 21.3 31.9  
61 25.1 21.0 31.6





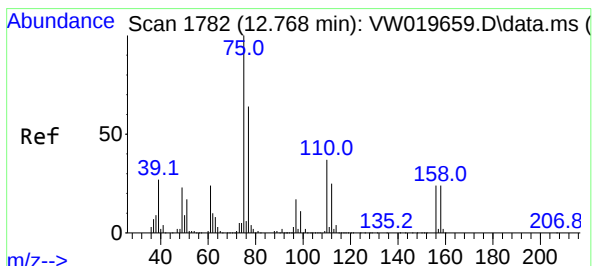
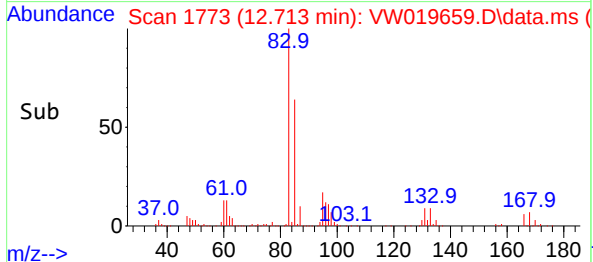
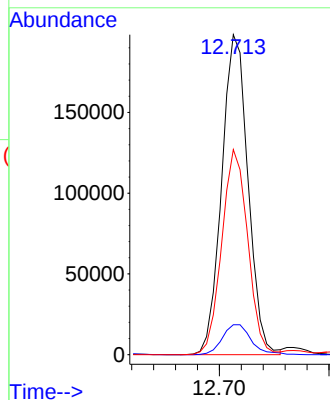
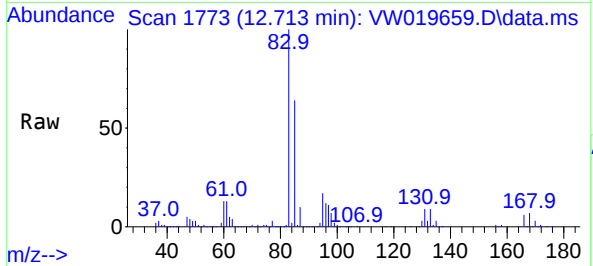
#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.148 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 83 Resp: 330293  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.1 15.4  
85 63.3 31.8 95.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

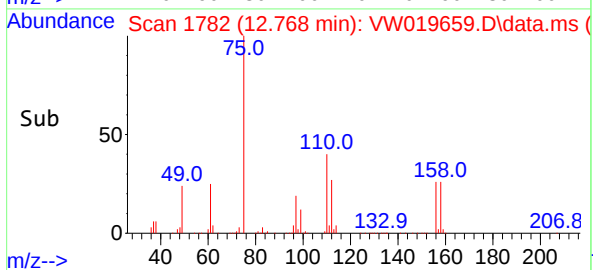
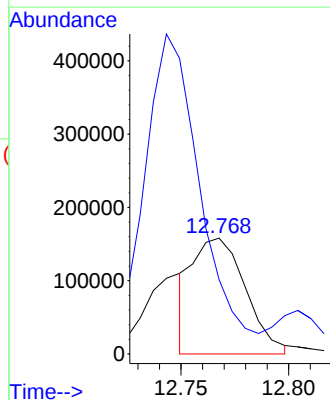
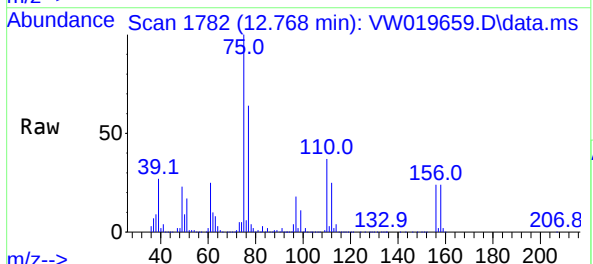
Manual Integrations  
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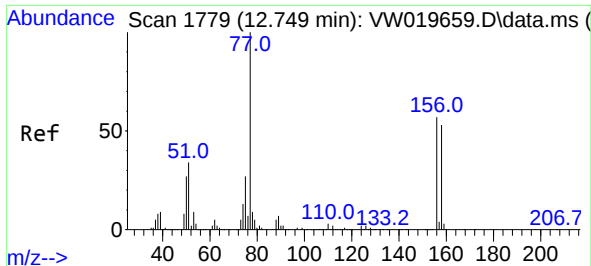
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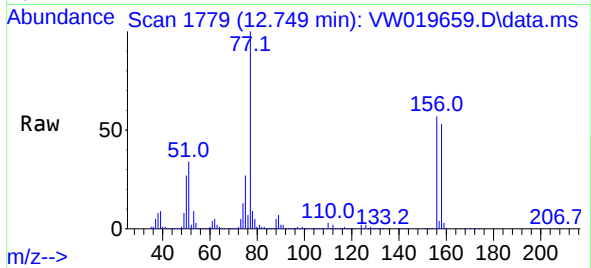
#76  
1,2,3-Trichloropropane  
Concen: 39.302 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 75 Resp: 269602  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

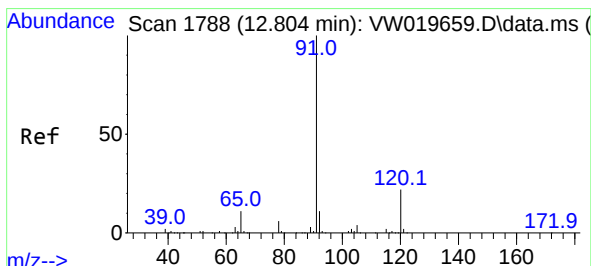
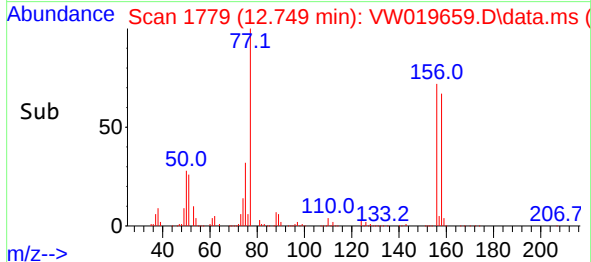
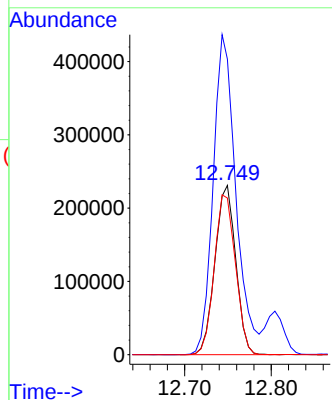




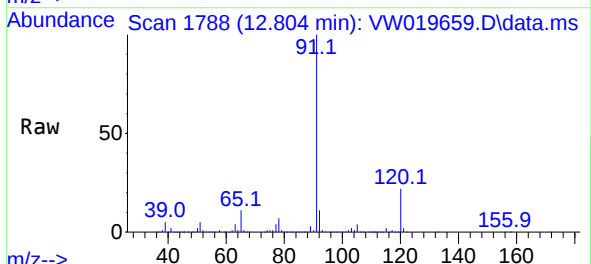
#77  
Bromobenzene  
Concen: 48.935 ug/l  
RT: 12.749 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



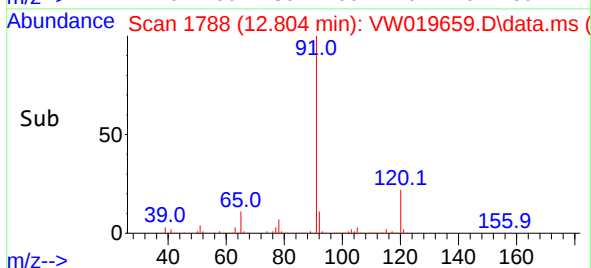
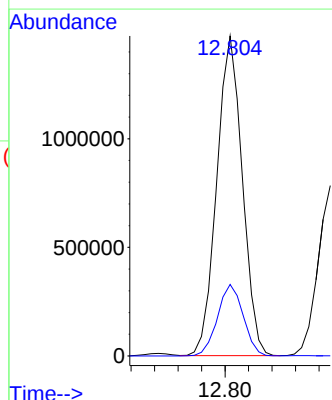
Tgt Ion: 156 Resp: 385097  
Ion Ratio Lower Upper  
156 100  
77 206.4 102.6 307.9  
158 96.5 47.1 141.4



#78  
n-propylbenzene  
Concen: 50.495 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



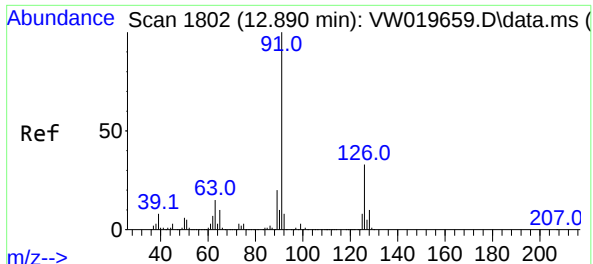
Tgt Ion: 91 Resp: 2225950  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.2 33.6



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

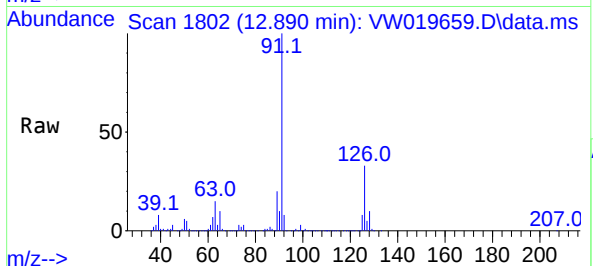
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#79  
2-Chlorotoluene  
Concen: 49.539 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

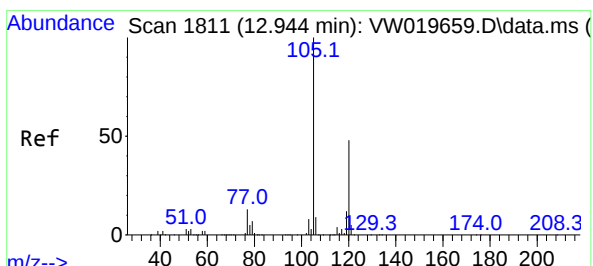
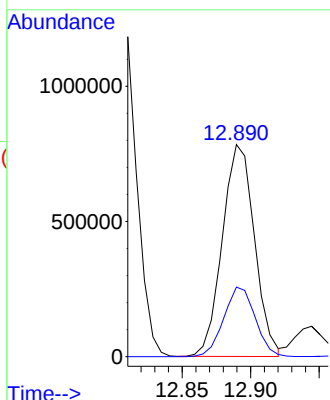
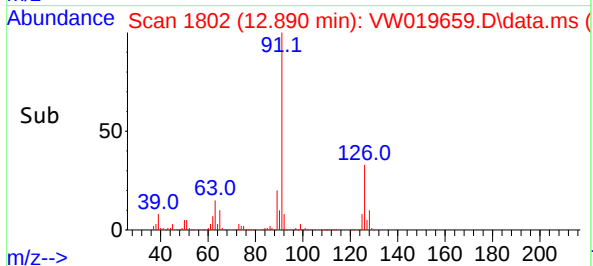
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



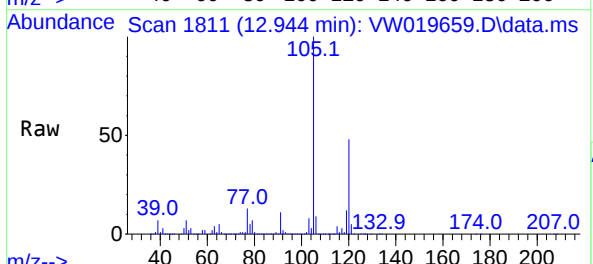
Tgt Ion: 91 Resp: 1280442  
Ion Ratio Lower Upper  
91 100  
126 32.2 15.3 45.9

Manual Integrations  
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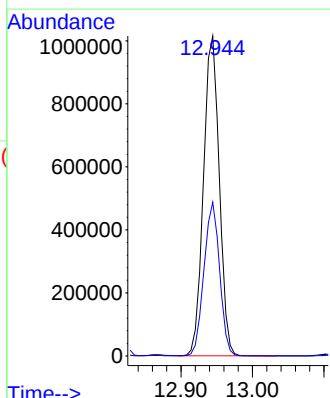
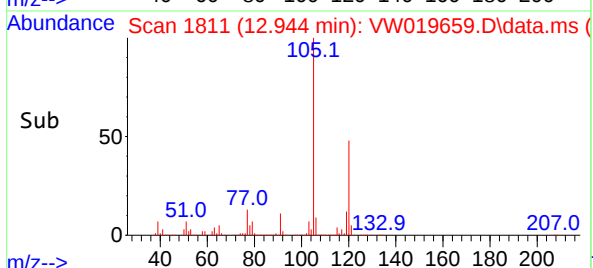
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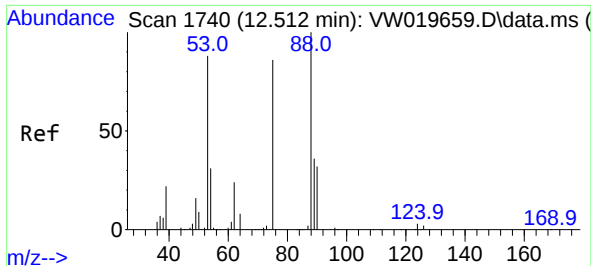


#80  
1,3,5-Trimethylbenzene  
Concen: 51.038 ug/l  
RT: 12.944 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



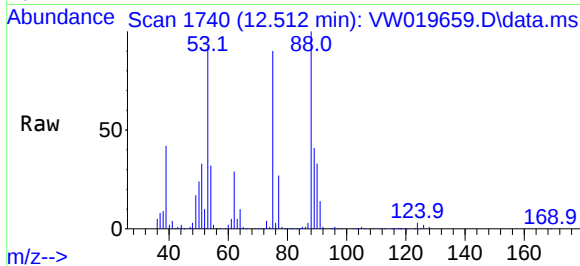
Tgt Ion: 105 Resp: 1559973  
Ion Ratio Lower Upper  
105 100  
120 47.6 24.1 72.3





#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.261 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

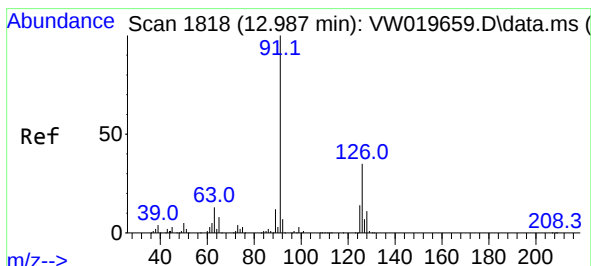
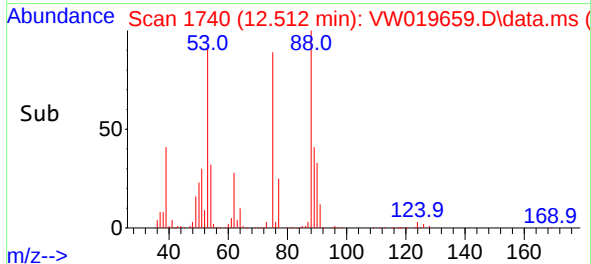
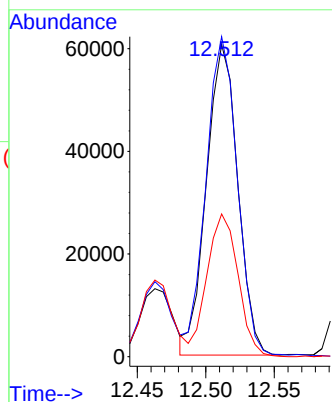
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 103.8 | 75.8  | 113.8 |
| 89      | 45.5  | 35.7  | 53.5  |

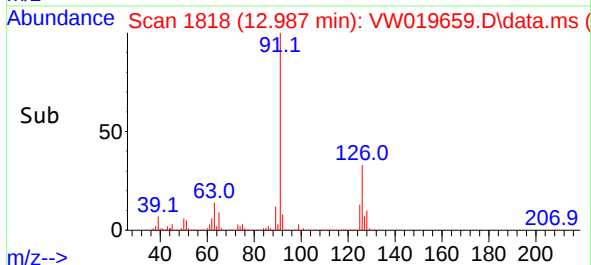
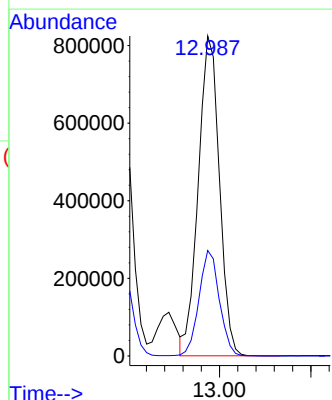
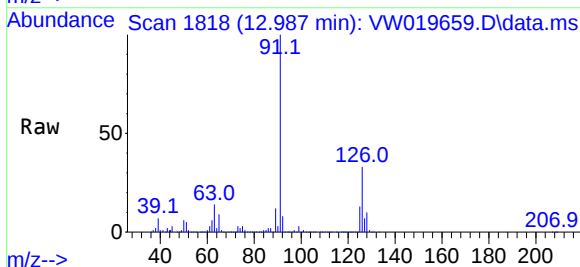
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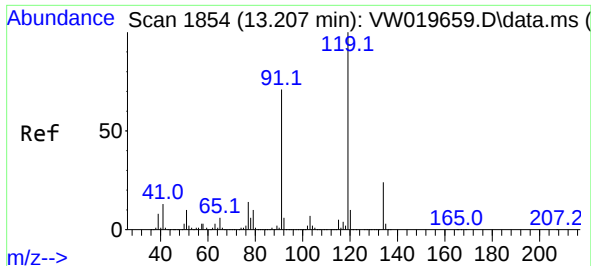
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#82  
4-Chlorotoluene  
Concen: 49.102 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

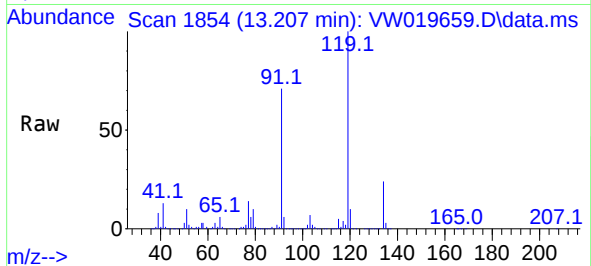
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.0  | 15.7  | 47.1  |





#83  
tert-Butylbenzene  
Concen: 51.003 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

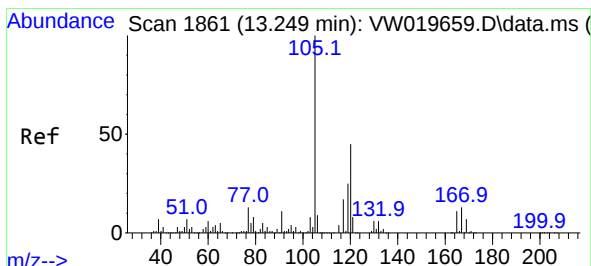
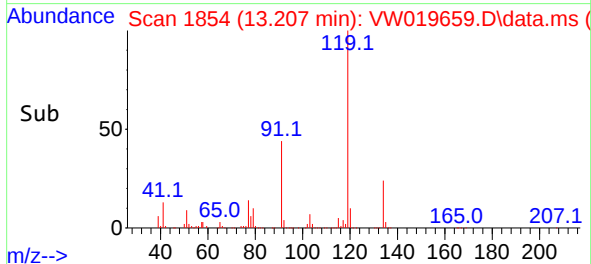
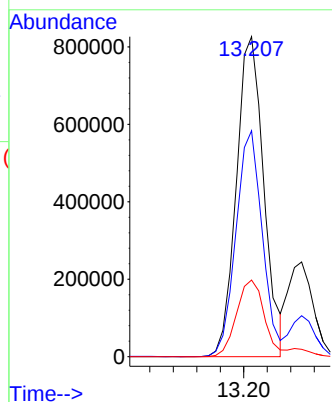
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



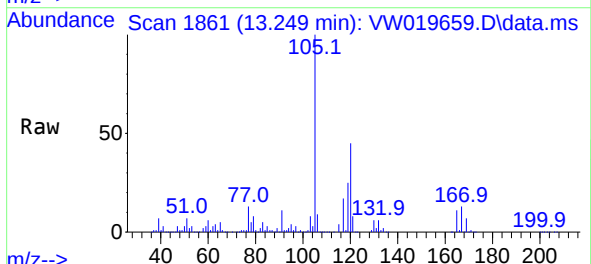
Tgt Ion:119 Resp: 1339661  
Ion Ratio Lower Upper  
119 100  
91 67.8 33.7 101.1  
134 24.5 12.4 37.0

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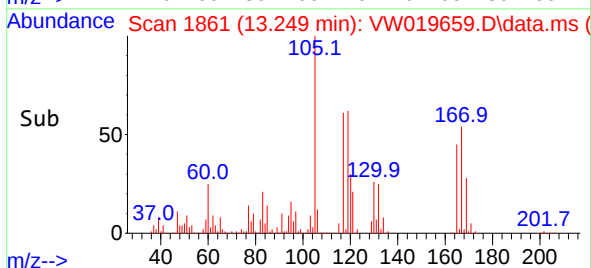
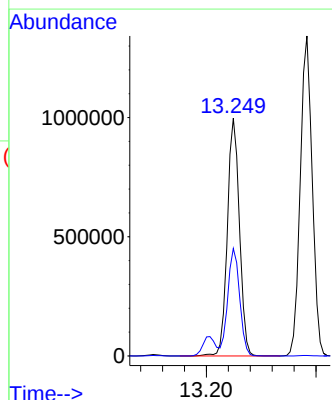
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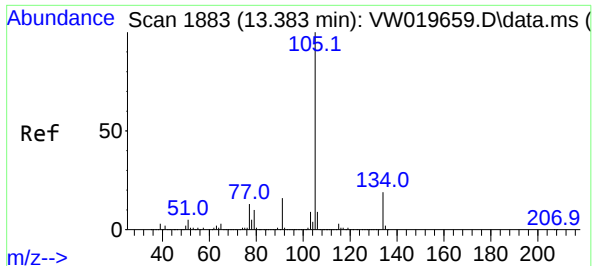


#84  
1,2,4-Trimethylbenzene  
Concen: 50.179 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



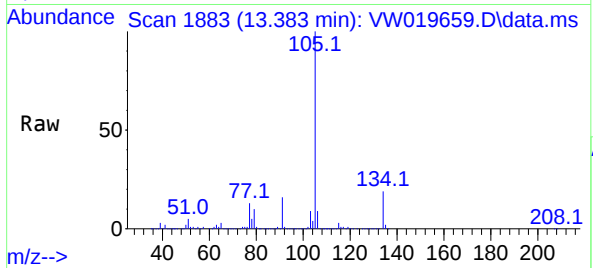
Tgt Ion:105 Resp: 1527100  
Ion Ratio Lower Upper  
105 100  
120 44.2 21.9 65.8





#85  
 sec-Butylbenzene  
 Concen: 50.611 ug/l  
 RT: 13.383 min Scan# 1883  
 Delta R.T. 0.000 min  
 Lab File: VW019659.D  
 Acq: 03 Aug 2021 14:32

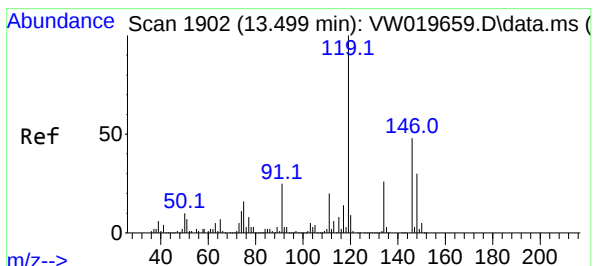
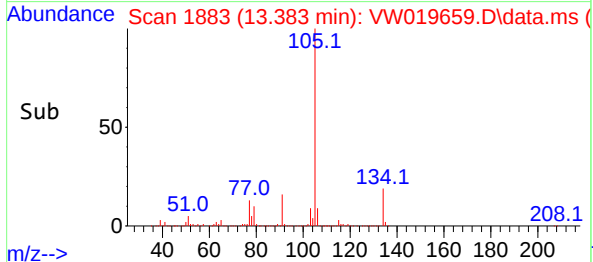
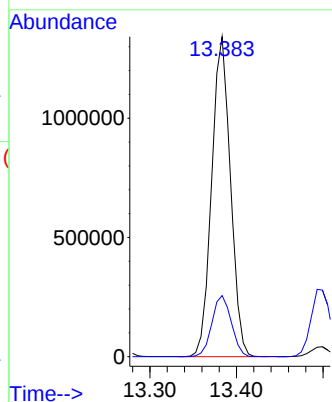
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050



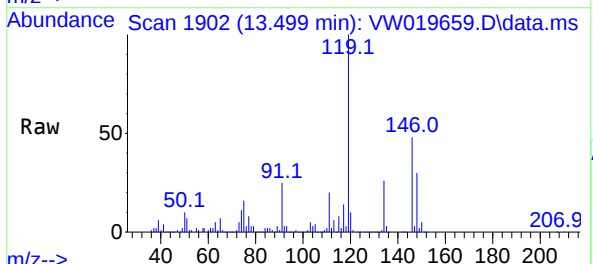
Tgt Ion:105 Resp: 2018530  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.8 29.4

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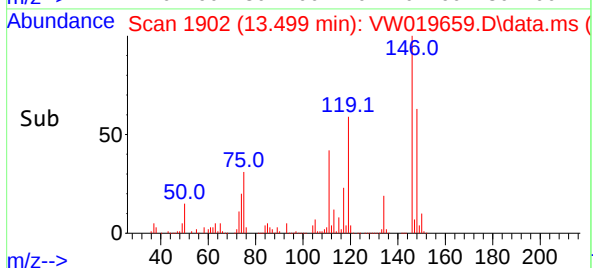
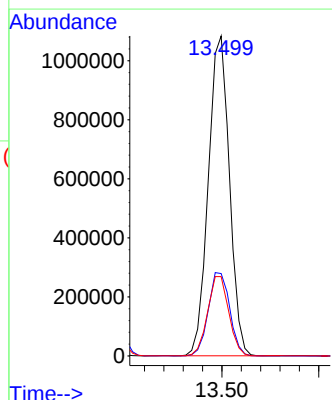
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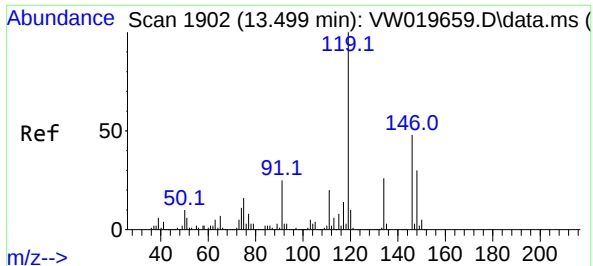


#86  
 p-Isopropyltoluene  
 Concen: 50.138 ug/l  
 RT: 13.499 min Scan# 1902  
 Delta R.T. 0.000 min  
 Lab File: VW019659.D  
 Acq: 03 Aug 2021 14:32

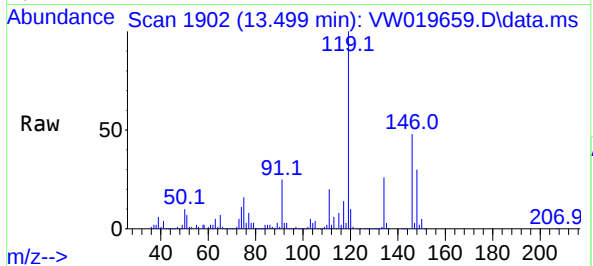


Tgt Ion:119 Resp: 1640833  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.1 39.1  
 91 24.9 12.1 36.3

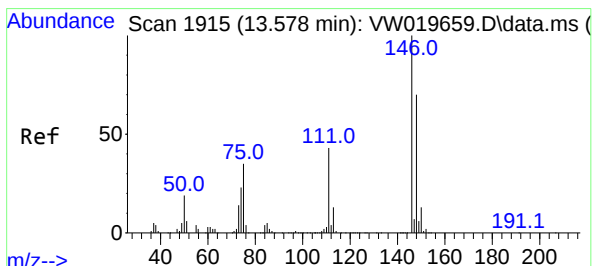
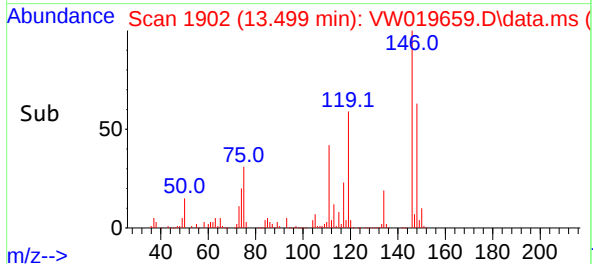
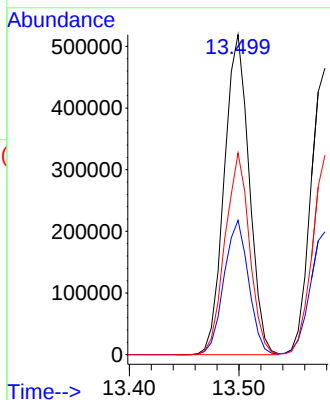




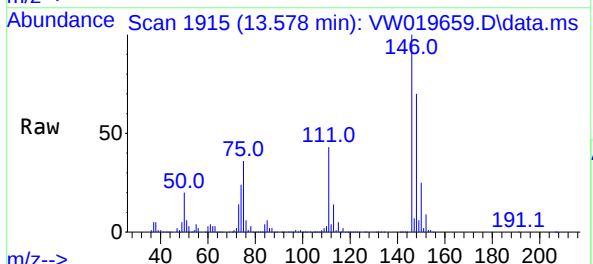
#87  
1,3-Dichlorobenzene  
Concen: 49.419 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



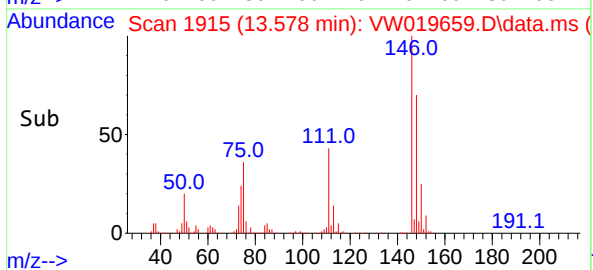
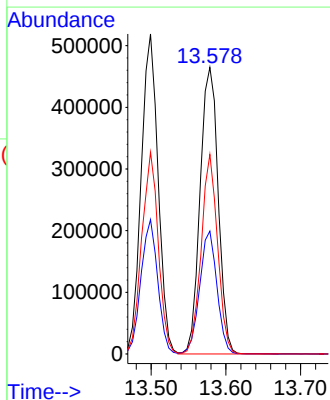
Tgt Ion:146 Resp: 819366  
Ion Ratio Lower Upper  
146 100  
111 41.6 20.8 62.2  
148 61.9 31.3 93.9



#88  
1,4-Dichlorobenzene  
Concen: 47.296 ug/l  
RT: 13.578 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



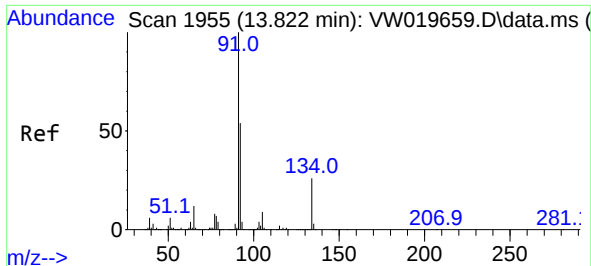
Tgt Ion:146 Resp: 779632  
Ion Ratio Lower Upper  
146 100  
111 41.1 20.6 61.8  
148 63.3 32.1 96.5



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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#89  
n-Butylbenzene  
Concen: 48.923 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

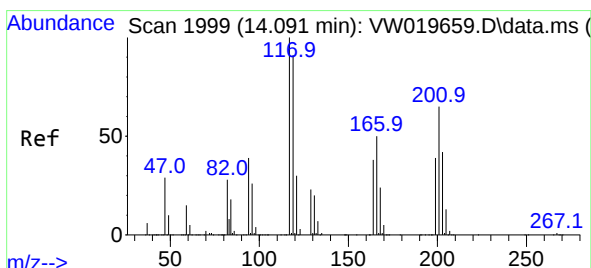
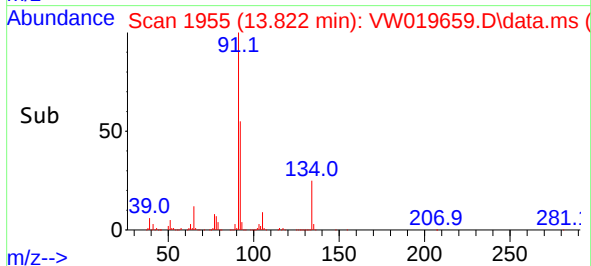
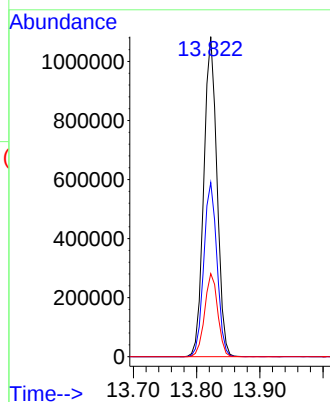
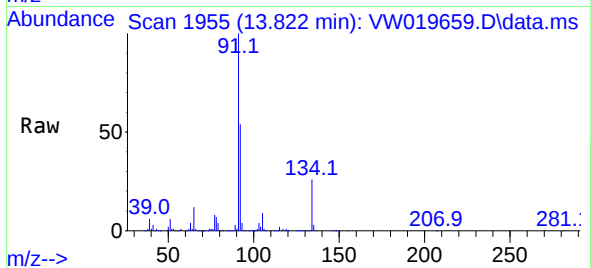
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 91 Resp: 1575094  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.5  | 27.7  | 83.1  |
| 134 | 25.8  | 12.7  | 38.1  |

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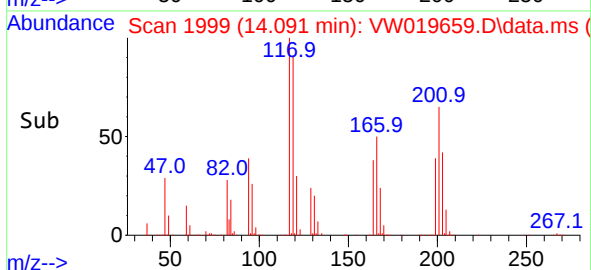
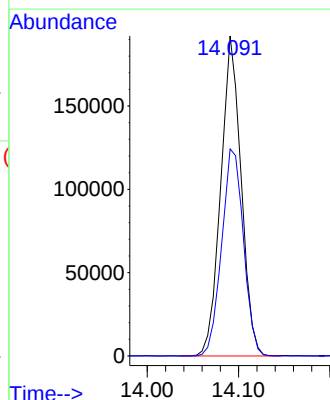
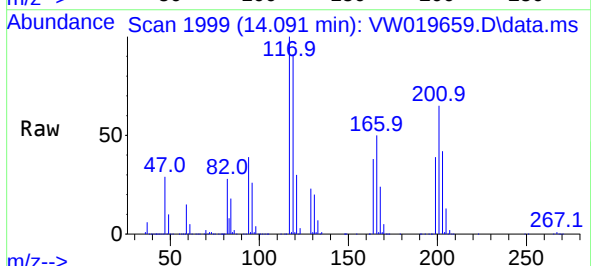
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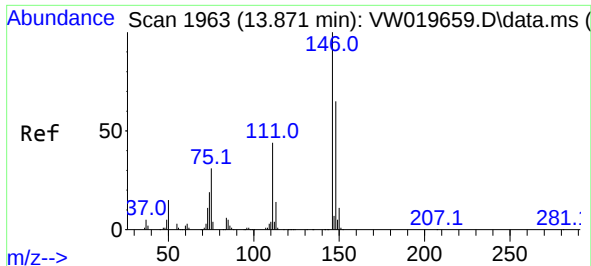


#90  
Hexachloroethane  
Concen: 49.809 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 117 Resp: 297379  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 69.3  | 37.2  | 111.6 |





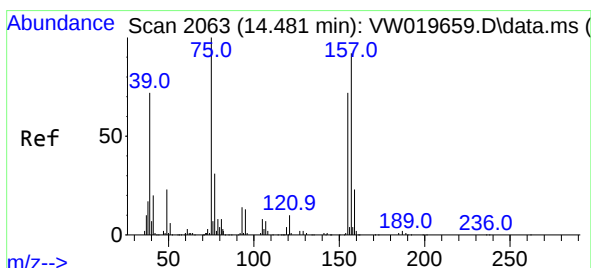
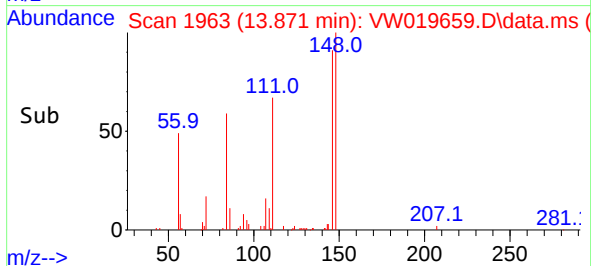
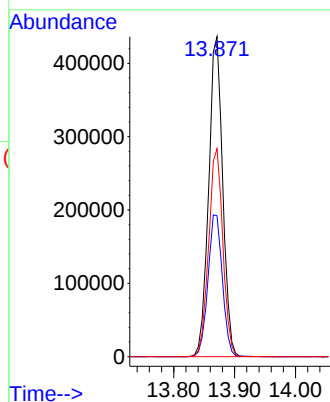
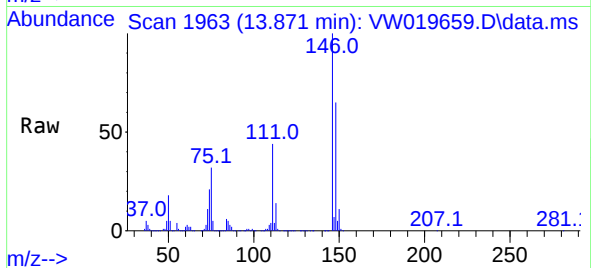
#91  
1,2-Dichlorobenzene  
Concen: 47.973 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion: 146 Resp: 698737  
Ion Ratio Lower Upper  
146 100  
111 45.5 21.4 64.2  
148 65.7 31.9 95.7

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

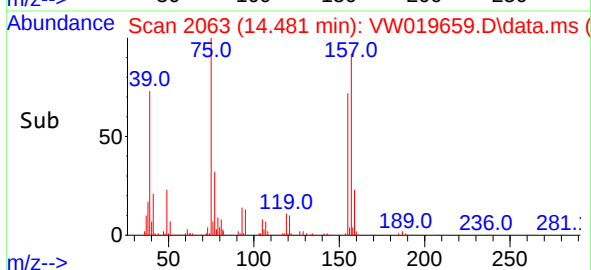
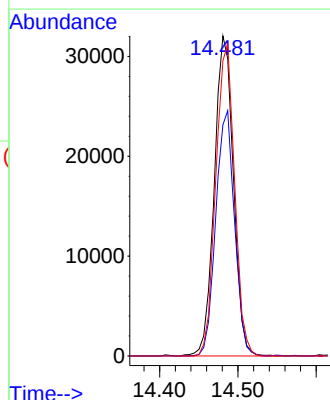
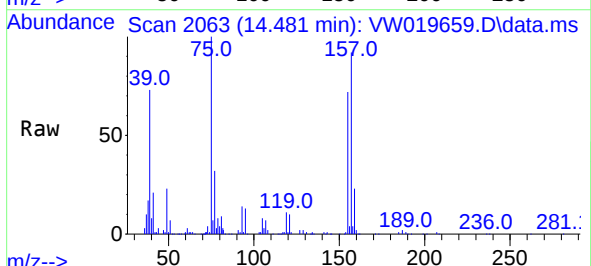
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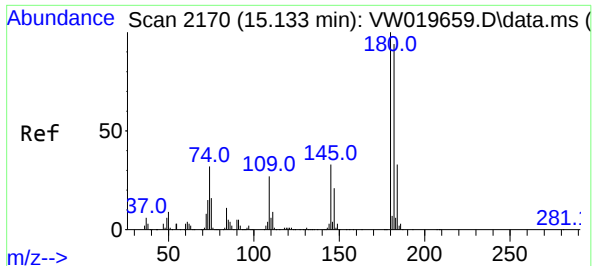
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.657 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

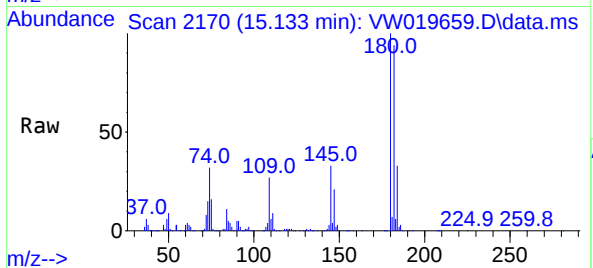
Tgt Ion: 75 Resp: 54341  
Ion Ratio Lower Upper  
75 100  
155 75.2 38.4 115.2  
157 95.9 48.9 146.6





#93  
1,2,4-Trichlorobenzene  
Concen: 47.636 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

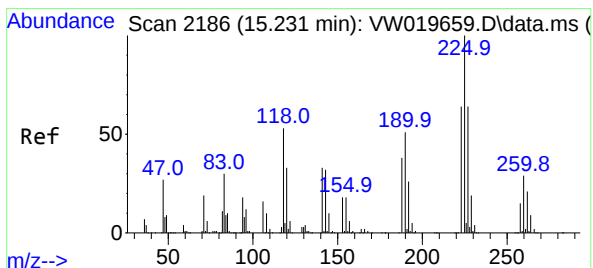
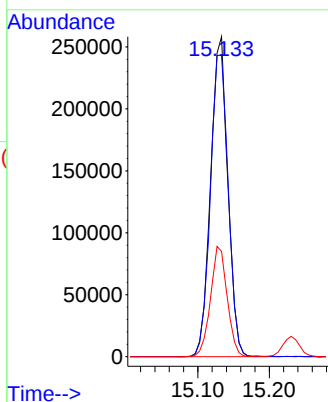
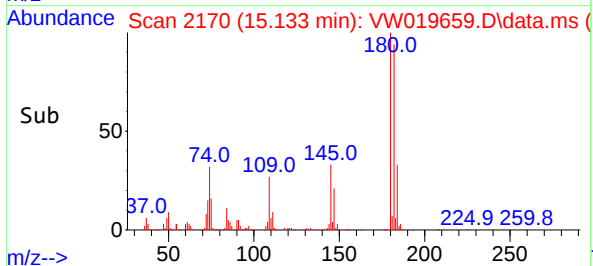
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050



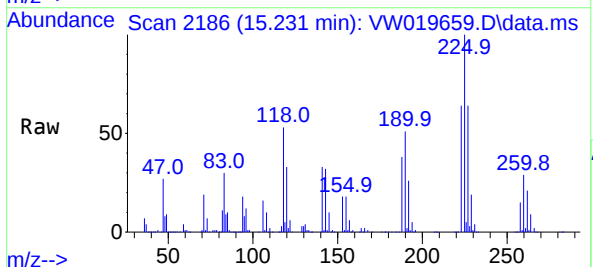
Tgt Ion:180 Resp: 430447  
Ion Ratio Lower Upper  
180 100  
182 98.3 47.3 141.8  
145 33.5 15.4 46.2

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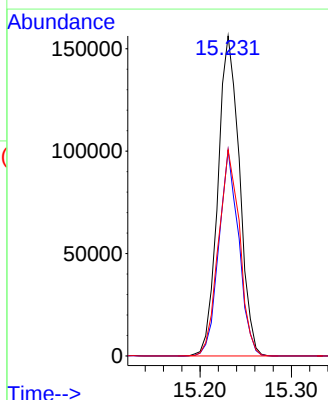
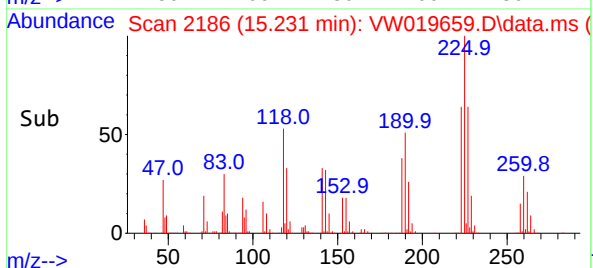
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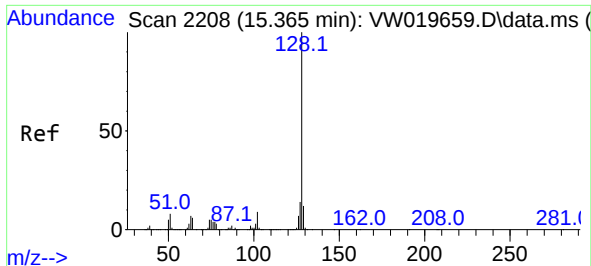


#94  
Hexachlorobutadiene  
Concen: 48.734 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32



Tgt Ion:225 Resp: 255992  
Ion Ratio Lower Upper  
225 100  
223 59.5 31.4 94.0  
227 63.2 31.6 94.7





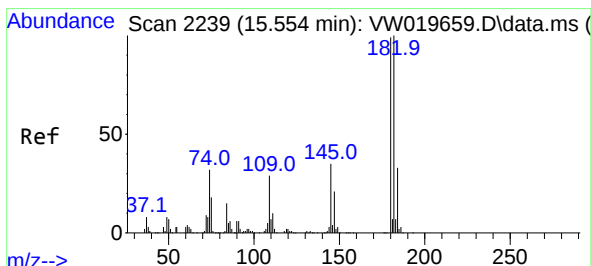
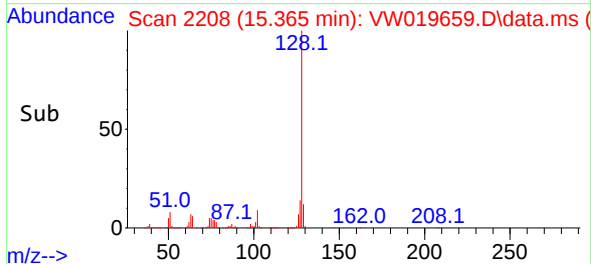
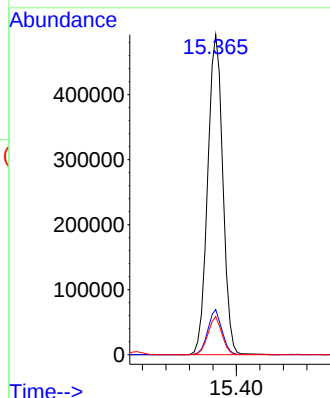
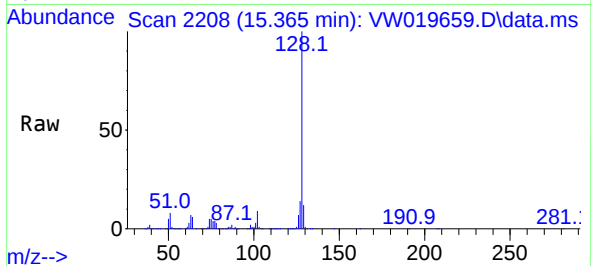
#95  
Naphthalene  
Concen: 52.180 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion:128 Resp: 878940  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.2 15.2  
129 11.0 8.8 13.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 49.430 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW019659.D  
Acq: 03 Aug 2021 14:32

Tgt Ion:180 Resp: 394812  
Ion Ratio Lower Upper  
180 100  
182 92.8 48.5 145.6  
145 34.0 17.4 52.2

