

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051921\  
 Data File : VW019022.D  
 Acq On : 18 May 2021 15:54  
 Operator : SY/VA  
 Sample : VSTDIC150  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

MMDadoda  
 5/20/2021 5:58:40 PM

Quant Time: May 19 06:23:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W051921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 06:19:30 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Pentafluorobenzene        | 7.951  | 168  | 415282   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.842  | 114  | 672231   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 11.634 | 117  | 631721   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.560 | 152  | 311900   | 50.00  | ug/l    | 0.00     |
|                              |        |      |          |        |         |          |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 8.305  | 65   | 725234   | 184.66 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 369.32% |          |
| 35) Dibromofluoromethane     | 7.884  | 113  | 664303   | 194.88 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 389.76% |          |
| 50) Toluene-d8               | 10.323 | 98   | 2636556  | 197.55 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 395.10% |          |
| 62) 4-Bromofluorobenzene     | 12.615 | 95   | 971162   | 205.82 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 411.64% |          |
|                              |        |      |          |        |         |          |
| Target Compounds             |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.007  | 85   | 430624   | 157.27 | ug/l    | 99       |
| 3) Chloromethane             | 2.215  | 50   | 500208   | 166.26 | ug/l    | 100      |
| 4) Vinyl Chloride            | 2.367  | 62   | 679560   | 149.94 | ug/l    | 100      |
| 5) Bromomethane              | 2.776  | 94   | 556456   | 146.62 | ug/l    | 99       |
| 6) Chloroethane              | 2.922  | 64   | 483609   | 156.56 | ug/l    | 99       |
| 7) Trichlorofluoromethane    | 3.257  | 101  | 397292   | 161.72 | ug/l    | 99       |
| 8) Diethyl Ether             | 3.678  | 74   | 330954   | 152.72 | ug/l    | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.068  | 101  | 586597   | 142.67 | ug/l    | 99       |
| 10) Methyl Iodide            | 4.281  | 142  | 902242   | 152.69 | ug/l    | 100      |
| 11) Tert butyl alcohol       | 5.190  | 59   | 170266   | 661.99 | ug/l    | 99       |
| 12) 1,1-Dichloroethene       | 4.044  | 96   | 630110   | 153.74 | ug/l    | 91       |
| 13) Acrolein                 | 3.897  | 56   | 202717   | 709.71 | ug/l    | 99       |
| 14) Allyl chloride           | 4.665  | 41   | 820875   | 153.91 | ug/l    | 100      |
| 15) Acrylonitrile            | 5.367  | 53   | 624277   | 766.99 | ug/l    | 100      |
| 16) Acetone                  | 4.129  | 43   | 470762   | 688.55 | ug/l    | 99       |
| 17) Carbon Disulfide         | 4.385  | 76   | 1751071  | 158.22 | ug/l    | 99       |
| 18) Methyl Acetate           | 4.672  | 43   | 290862   | 147.23 | ug/l    | 99       |
| 19) Methyl tert-butyl Ether  | 5.421  | 73   | 778173   | 150.04 | ug/l    | 99       |
| 20) Methylene Chloride       | 4.915  | 84   | 672010   | 100.43 | ug/l    | 96       |
| 21) trans-1,2-Dichloroethene | 5.421  | 96   | 707138   | 149.99 | ug/l    | 97       |
| 22) Diisopropyl ether        | 6.312  | 45   | 1679105  | 154.91 | ug/l    | 97       |
| 23) Vinyl Acetate            | 6.257  | 43   | 5964068  | 838.45 | ug/l    | 100      |
| 24) 1,1-Dichloroethane       | 6.220  | 63   | 1265471  | 148.87 | ug/l    | 100      |
| 25) 2-Butanone               | 7.171  | 43   | 831140   | 763.28 | ug/l    | 99       |
| 26) 2,2-Dichloropropane      | 7.165  | 77   | 648088   | 138.99 | ug/l    | 100      |
| 27) cis-1,2-Dichloroethene   | 7.171  | 96   | 800306   | 153.58 | ug/l    | 98       |
| 28) Bromochloromethane       | 7.513  | 49   | 520347   | 149.88 | ug/l    | 97       |
| 29) Tetrahydrofuran          | 7.531  | 42   | 493650   | 781.41 | ug/l    | 99       |
| 30) Chloroform               | 7.677  | 83   | 1288035  | 149.57 | ug/l    | 96       |
| 31) Cyclohexane              | 7.958  | 56   | 961240   | 130.18 | ug/l    | 97       |
| 32) 1,1,1-Trichloroethane    | 7.872  | 97   | 947609   | 147.82 | ug/l    | 100      |
| 36) 1,1-Dichloropropene      | 8.079  | 75   | 1010697  | 151.19 | ug/l    | 99       |
| 37) Ethyl Acetate            | 7.250  | 43   | 398095   | 154.44 | ug/l    | 99       |
| 38) Carbon Tetrachloride     | 8.067  | 117  | 924650   | 159.42 | ug/l    | 99       |
| 39) Methylcyclohexane        | 9.335  | 83   | 1145580  | 157.14 | ug/l    | 98       |
| 40) Benzene                  | 8.323  | 78   | 2796098  | 149.46 | ug/l    | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051921\  
 Data File : VW019022.D  
 Acq On : 18 May 2021 15:54  
 Operator : SY/VA  
 Sample : VSTDIC150  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

MMDadoda  
 5/20/2021 5:58:40 PM

Quant Time: May 19 06:23:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W051921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 06:19:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 247184   | 187.55  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 859089   | 156.49  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.421  | 43   | 799784   | 172.89  | ug/l   | 98       |
| 44) Trichloroethene           | 9.092  | 130  | 747582   | 157.71  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.366  | 63   | 689805   | 153.46  | ug/l   | 98       |
| 46) Dibromomethane            | 9.457  | 93   | 378888   | 156.13  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.646  | 83   | 980026   | 165.38  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.433  | 41   | 373807   | 177.69  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.457  | 88   | 89089    | 3264.00 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.207 | 43   | 1990145  | 814.97  | ug/l   | 100      |
| 52) Toluene                   | 10.390 | 92   | 1826808  | 155.95  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.603 | 75   | 1015484  | 179.34  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 1154816  | 167.74  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 525829   | 157.35  | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.646 | 69   | 734881   | 183.94  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 939766   | 156.73  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 1784299  | 841.03  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.969 | 43   | 1354815  | 846.37  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.134 | 129  | 629918   | 175.02  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 525491   | 166.00  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.866 | 164  | 613569   | 150.46  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.658 | 112  | 1954105  | 153.06  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 694185   | 163.07  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.731 | 91   | 3571970  | 151.29  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.841 | 106  | 2665715  | 300.44  | ug/l   | 99       |
| 69) o-Xylene                  | 12.164 | 106  | 1312015  | 161.81  | ug/l   | 98       |
| 70) Styrene                   | 12.182 | 104  | 2246727  | 163.81  | ug/l   | 100      |
| 71) Bromoform                 | 12.353 | 173  | 378227   | 184.14  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.463 | 105  | 3573717  | 159.02  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.274 | 43   | 794529   | 177.46  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 619258   | 151.36  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 415935m  | 145.05  | ug/l   |          |
| 77) Bromobenzene              | 12.743 | 156  | 792191   | 159.55  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.804 | 91   | 4149415  | 147.99  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 2422574  | 153.03  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 2926374  | 151.60  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 213212   | 190.73  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 2538834  | 150.79  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 2519609  | 156.26  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 2907927  | 151.54  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.383 | 105  | 3623343  | 149.43  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.499 | 119  | 3143413  | 150.63  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 1516884  | 147.64  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 1544091  | 152.20  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.822 | 91   | 3095265  | 149.91  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.091 | 117  | 526172   | 165.14  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 1340218  | 146.81  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 103650   | 162.60  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.127 | 180  | 930364   | 153.86  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 508143   | 143.20  | ug/l   | 94       |
| 95) Naphthalene               | 15.365 | 128  | 1762662  | 162.57  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 806097   | 153.84  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051921\  
Data File : VW019022.D  
Acq On : 18 May 2021 15:54  
Operator : SY/VA  
Sample : VSTDICC150  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC150

Manual Integrations  
APPROVED

MMDadoda  
5/20/2021 5:58:40 PM

Quant Time: May 19 06:23:30 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W051921S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 06:19:30 2021  
Response via : Initial Calibration

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

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

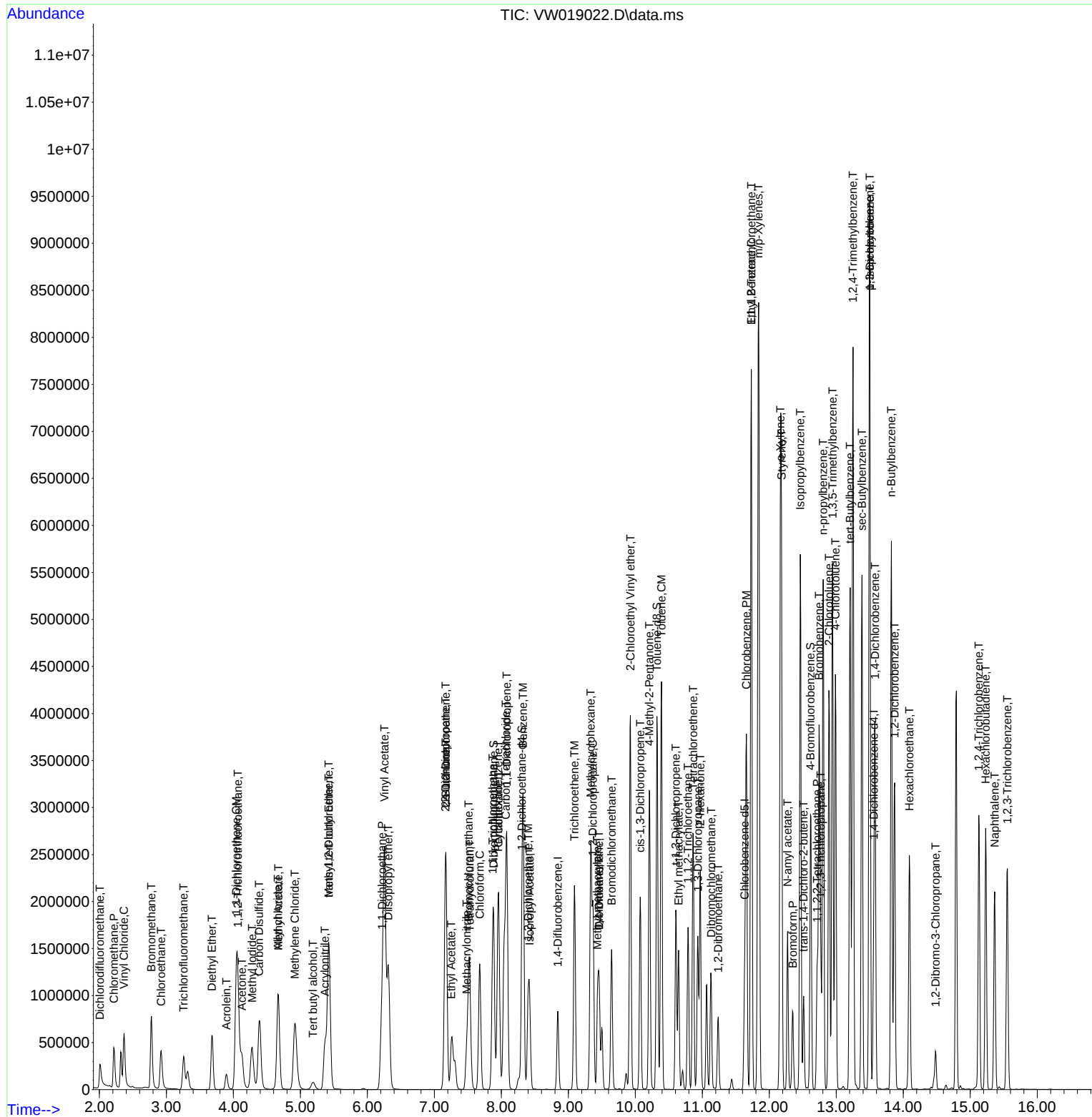
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Data File : VW019022.D  
Acq On : 18 May 2021 15:54  
Operator : SY/VA  
Sample : VSTDIC150  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

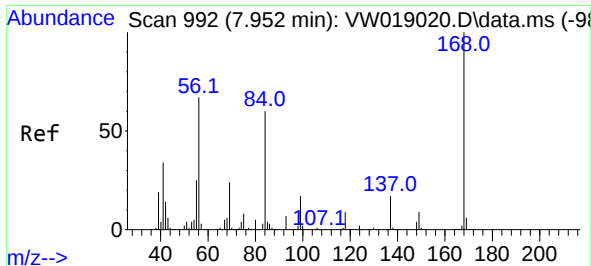
Instrument :  
MSVOA\_W  
Client Sampled :  
VSTDIC150

Manual Integrations  
APPROVED

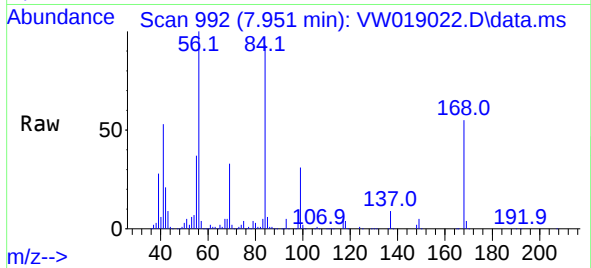
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Quant Time: May 19 06:23:30 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W051921S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 06:19:30 2021  
Response via : Initial Calibration

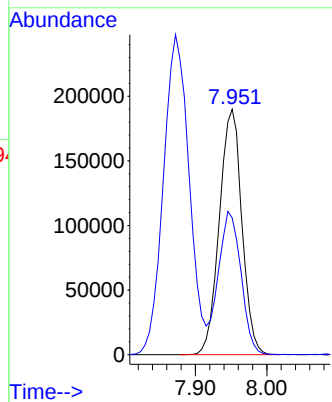
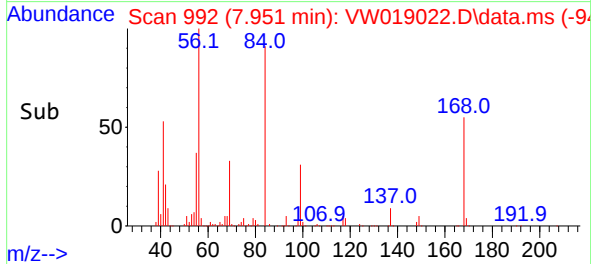




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.951 min Scan# 992  
Delta R.T. -0.001 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



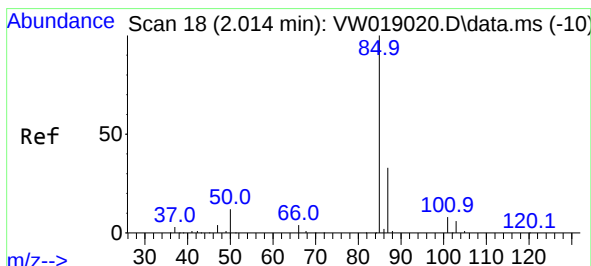
Tgt Ion: 168 Resp: 415282  
Ion Ratio Lower Upper  
168 100  
99 55.6 48.8 73.2



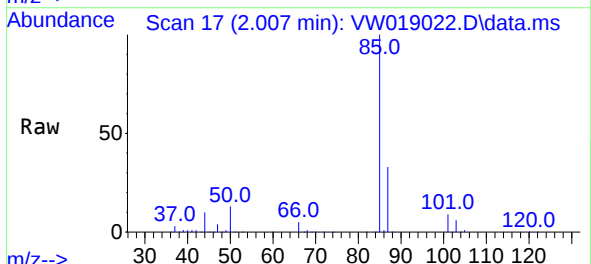
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Manual Integrations  
APPROVED

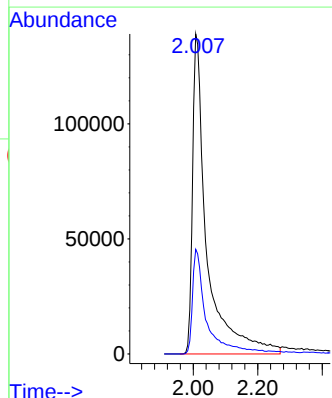
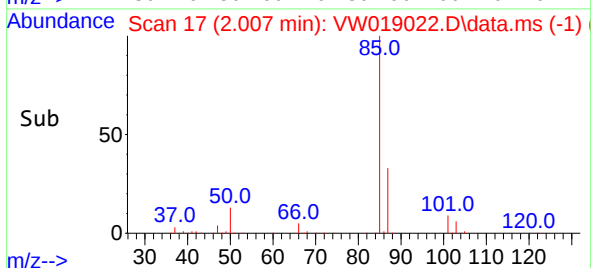
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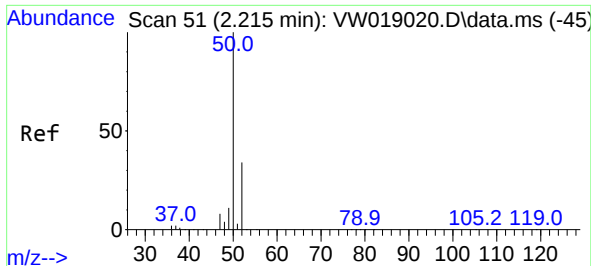


#2  
Dichlorodifluoromethane  
Concen: 157.27 ug/l  
RT: 2.007 min Scan# 17  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



Tgt Ion: 85 Resp: 430624  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.7 50.0





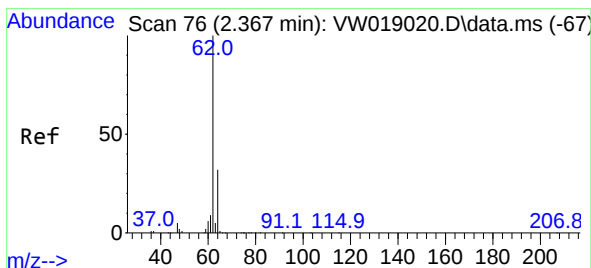
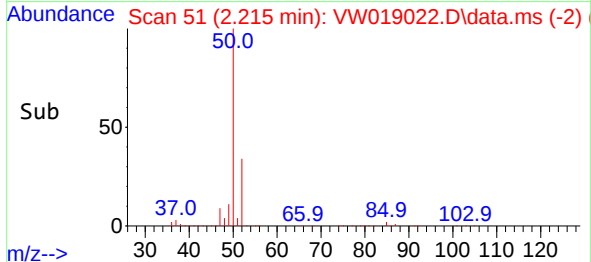
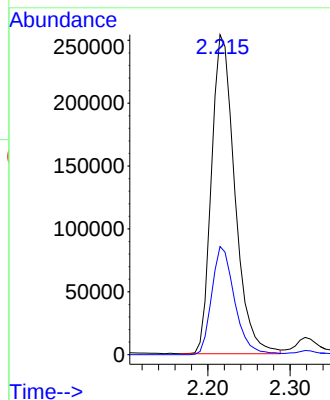
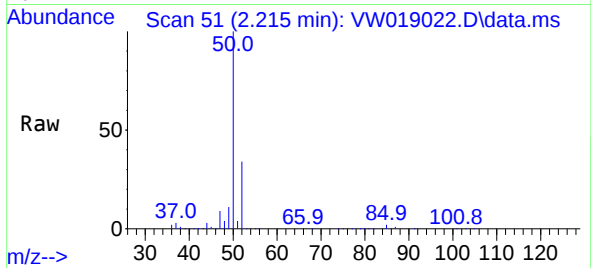
#3  
Chloromethane  
Concen: 166.26 ug/l  
RT: 2.215 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 50 Resp: 500208  
Ion Ratio Lower Upper  
50 100  
52 33.9 26.9 40.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

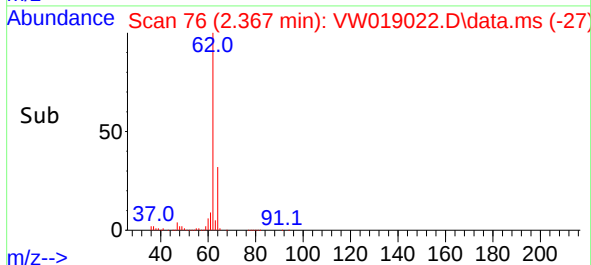
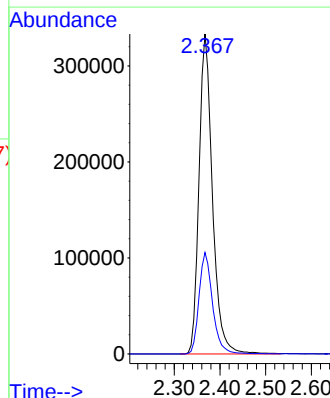
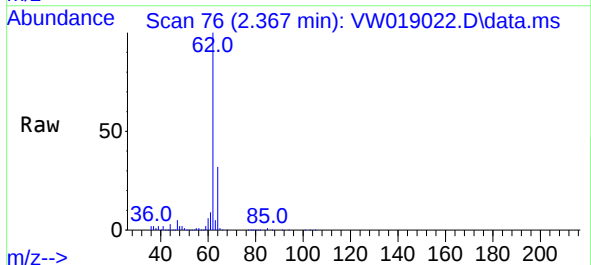
Manual Integrations  
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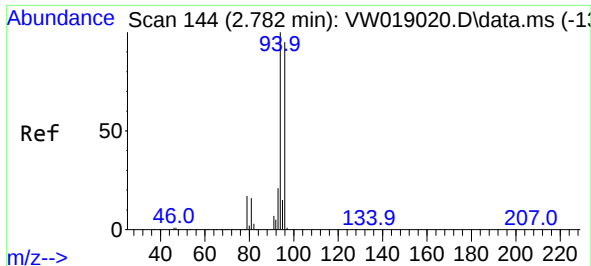
MMDadoda  
5/20/2021 5:58:40 PM



#4  
Vinyl Chloride  
Concen: 149.94 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 62 Resp: 679560  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.3 37.9





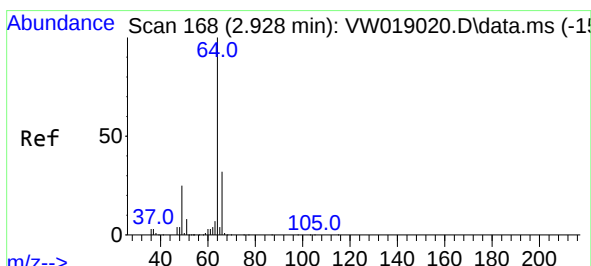
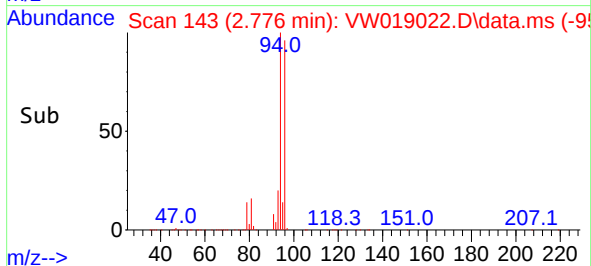
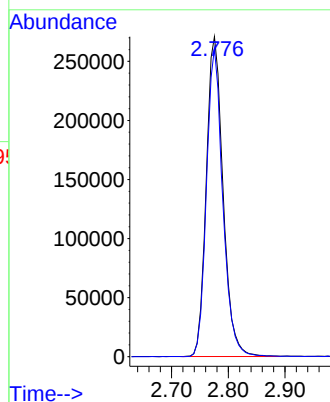
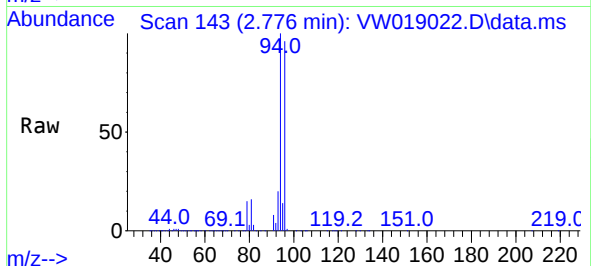
#5  
Bromomethane  
Concen: 146.62 ug/l  
RT: 2.776 min Scan# 143  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 94 Resp: 556456  
Ion Ratio Lower Upper  
94 100  
96 96.4 76.4 114.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

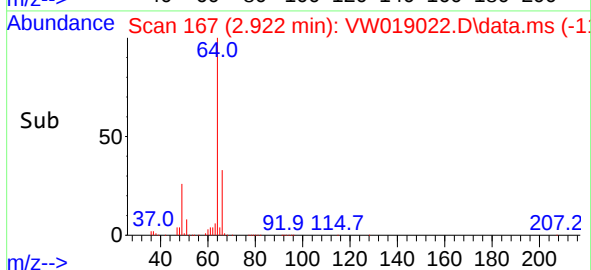
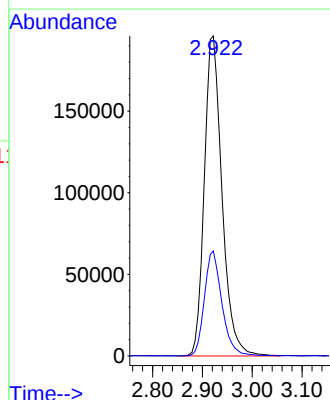
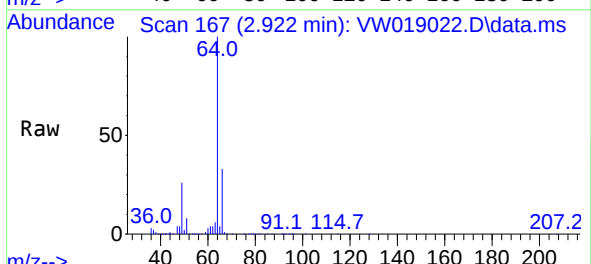
Manual Integrations  
APPROVED

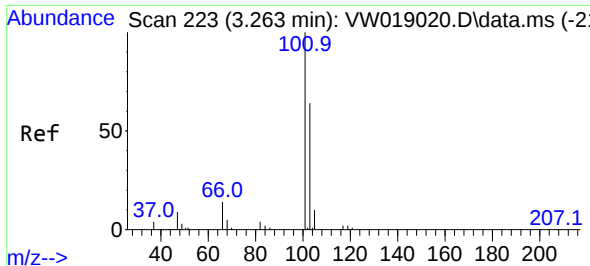
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5/20/2021 5:58:40 PM



#6  
Chloroethane  
Concen: 156.56 ug/l  
RT: 2.922 min Scan# 167  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 64 Resp: 483609  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.9 38.9





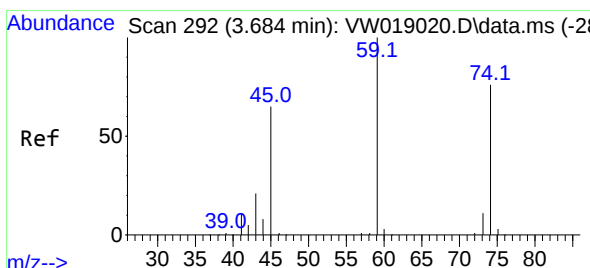
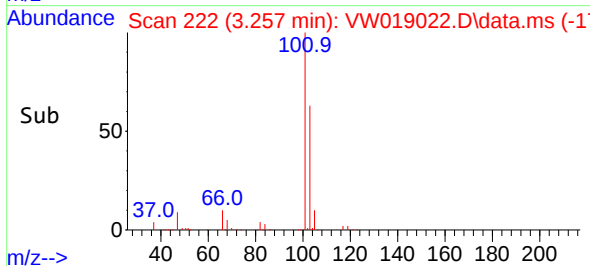
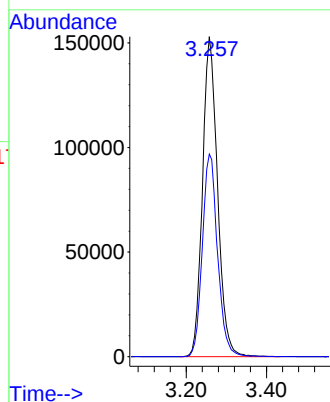
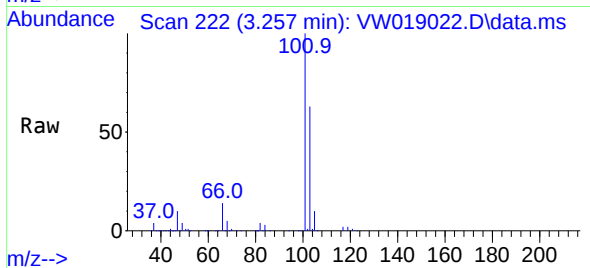
#7  
Trichlorofluoromethane  
Concen: 161.72 ug/l  
RT: 3.257 min Scan# 222  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion:101 Resp: 397292  
Ion Ratio Lower Upper  
101 100  
103 63.3 51.4 77.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

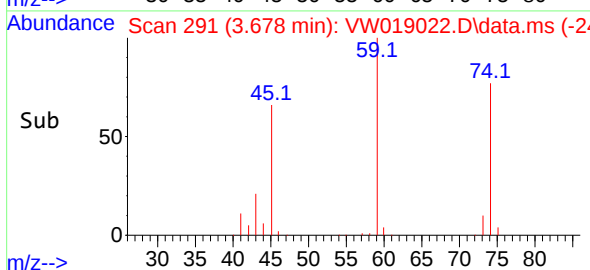
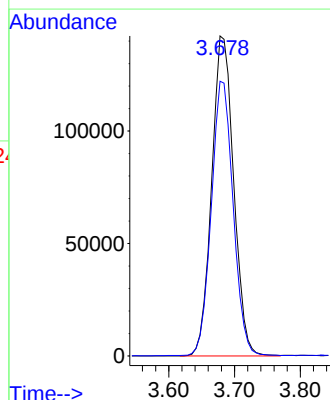
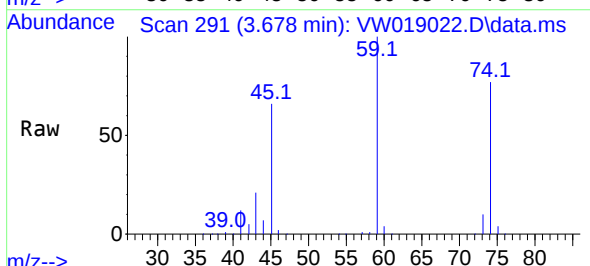
Manual Integrations  
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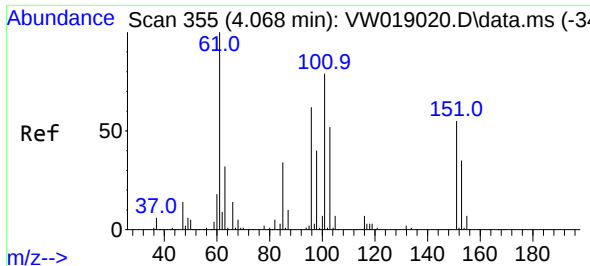
MMDadoda  
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#8  
Diethyl Ether  
Concen: 152.72 ug/l  
RT: 3.678 min Scan# 291  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 74 Resp: 330954  
Ion Ratio Lower Upper  
74 100  
45 85.5 43.3 129.8





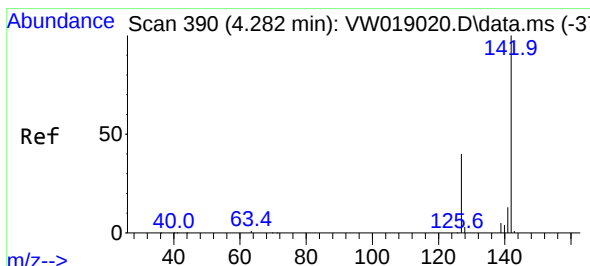
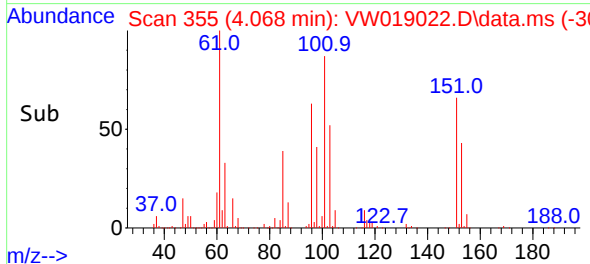
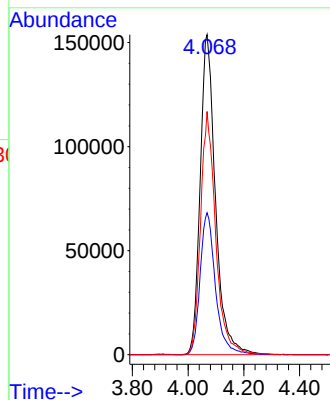
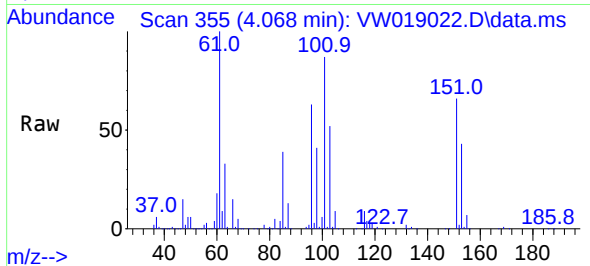
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 142.67 ug/l  
RT: 4.068 min Scan# 355  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 101   | Resp: | 586597 |
| Ion      | Ratio | Lower | Upper  |
| 101      | 100   |       |        |
| 85       | 44.6  | 35.9  | 53.9   |
| 151      | 75.2  | 59.8  | 89.6   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

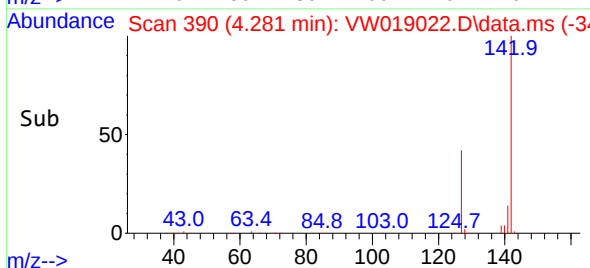
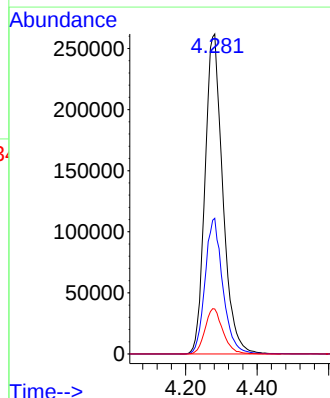
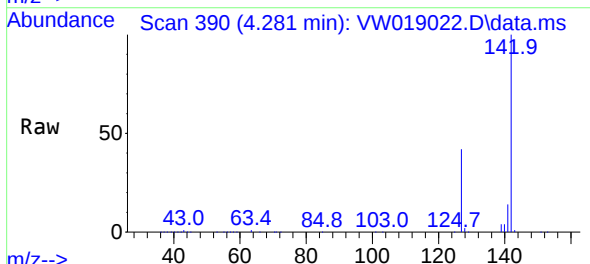
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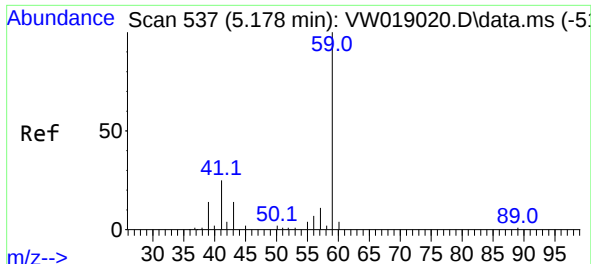
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#10  
Methyl Iodide  
Concen: 152.69 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

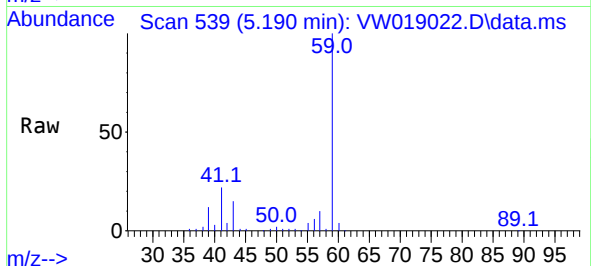
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 902242 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 127      | 42.3  | 33.7  | 50.5   |
| 141      | 14.3  | 11.2  | 16.8   |





#11  
Tert butyl alcohol  
Concen: 661.99 ug/l  
RT: 5.190 min Scan# 539  
Delta R.T. 0.012 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

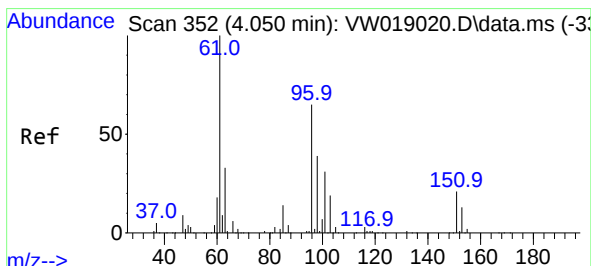
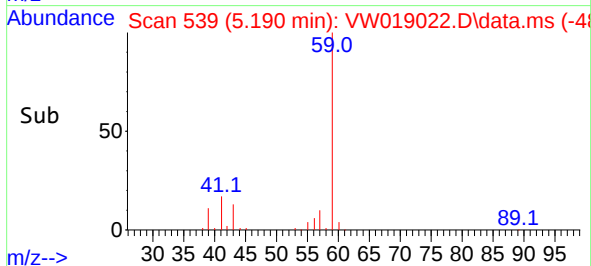
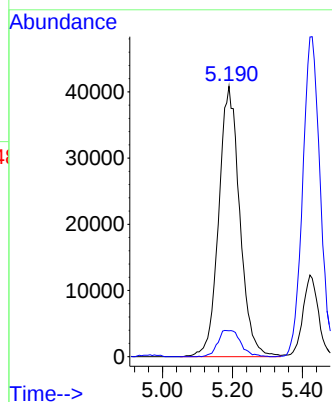
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



Tgt Ion: 59 Resp: 170266  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.9 13.3

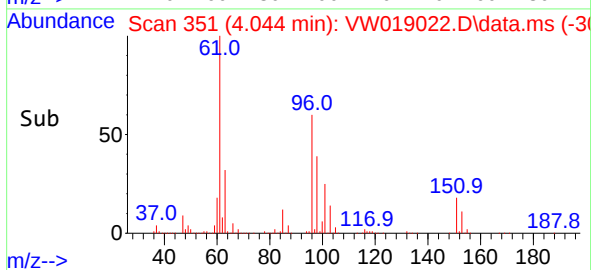
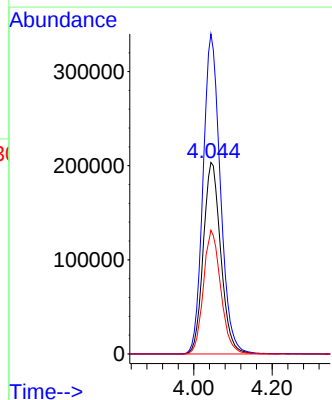
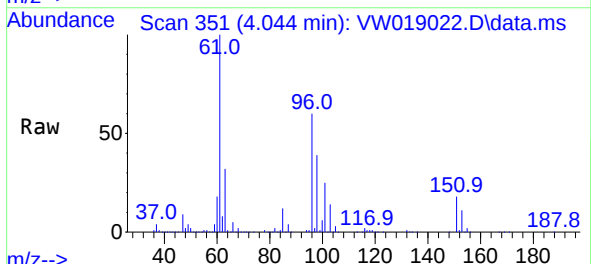
Manual Integrations  
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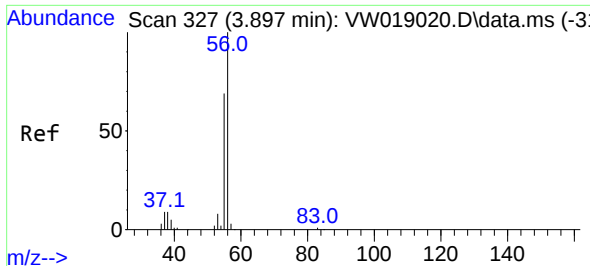
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#12  
1,1-Dichloroethene  
Concen: 153.74 ug/l  
RT: 4.044 min Scan# 351  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 96 Resp: 630110  
Ion Ratio Lower Upper  
96 100  
61 167.1 123.0 184.4  
98 64.5 47.5 71.3





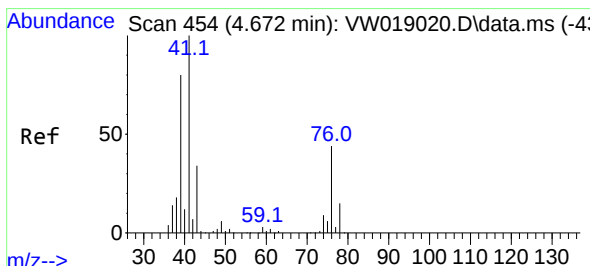
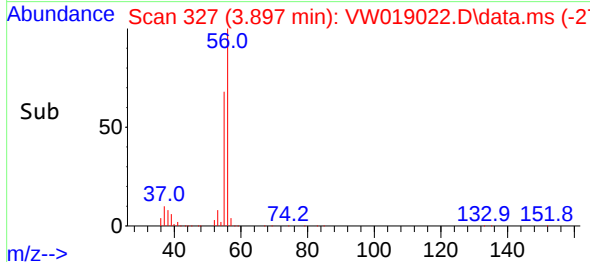
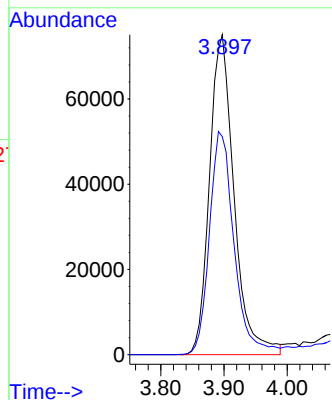
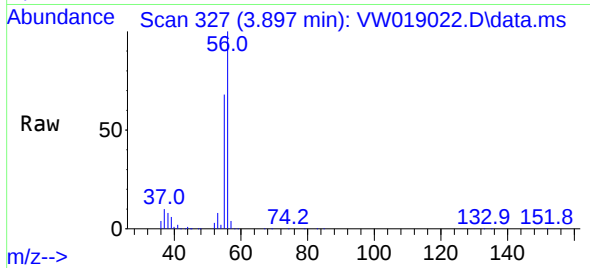
#13  
Acrolein  
Concen: 709.71 ug/l  
RT: 3.897 min Scan# 327  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 56 Resp: 202717  
Ion Ratio Lower Upper  
56 100  
55 70.2 56.7 85.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

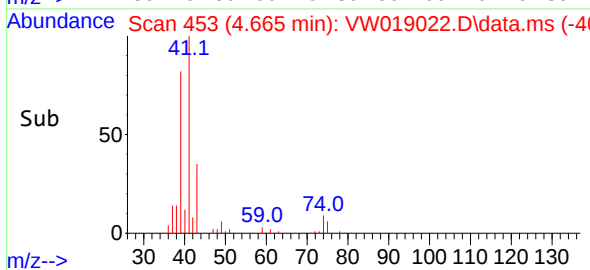
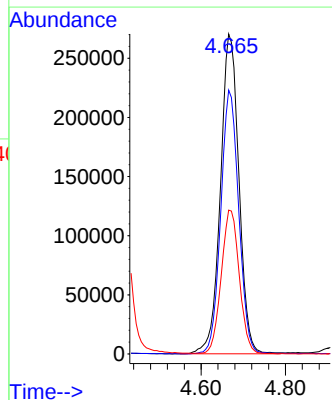
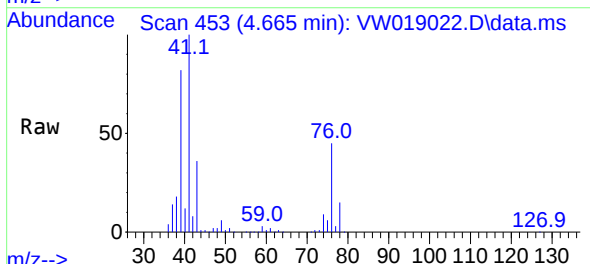
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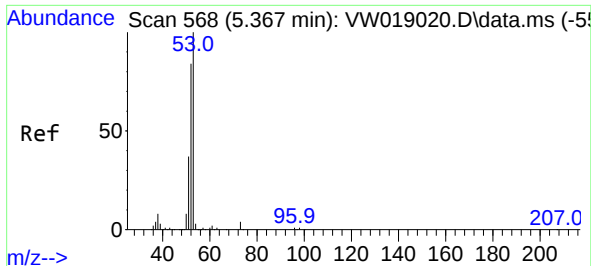
MMDadoda  
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#14  
Allyl chloride  
Concen: 153.91 ug/l  
RT: 4.665 min Scan# 453  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

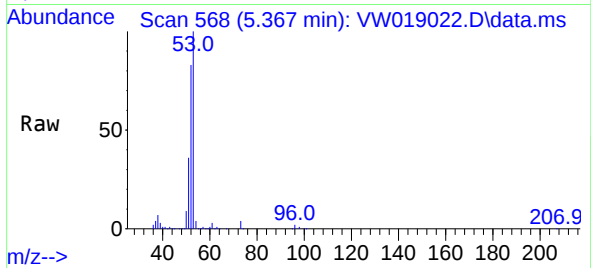
Tgt Ion: 41 Resp: 820875  
Ion Ratio Lower Upper  
41 100  
39 80.1 63.9 95.9  
76 44.0 35.1 52.7





#15  
Acrylonitrile  
Concen: 766.99 ug/l  
RT: 5.367 min Scan# 568  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

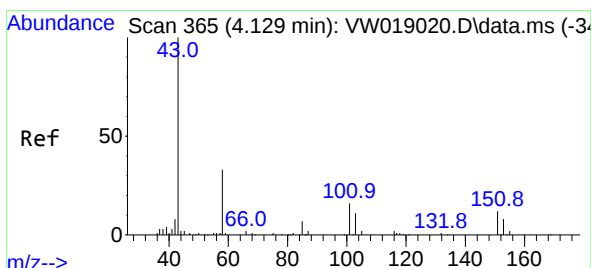
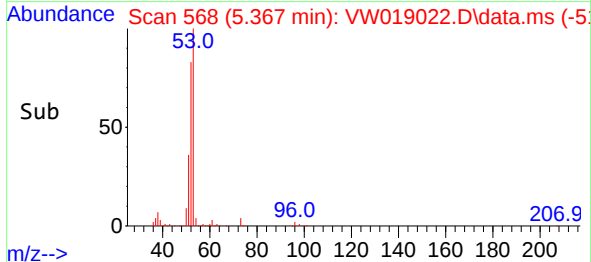
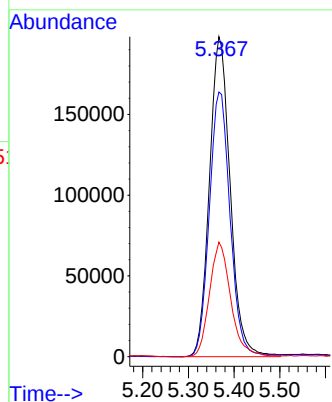
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



Tgt Ion: 53 Resp: 624277  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.5 99.7  
51 36.7 29.8 44.8

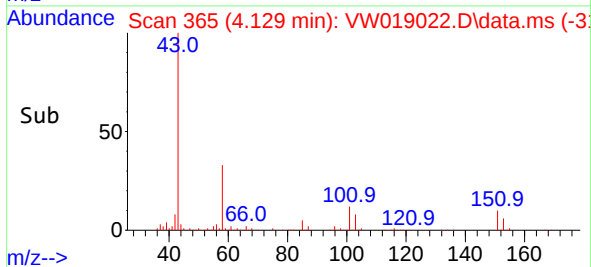
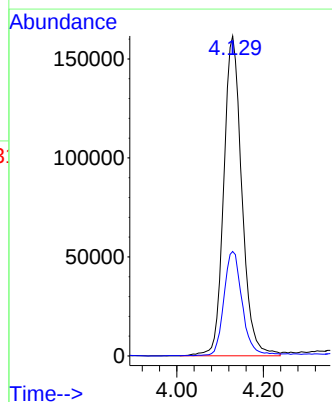
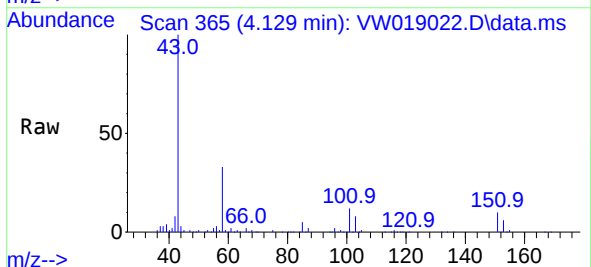
Manual Integrations  
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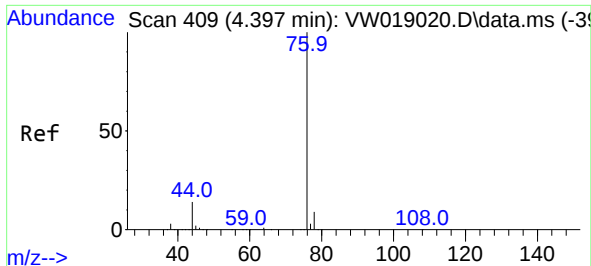
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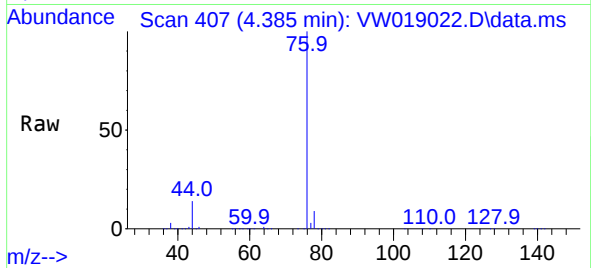
#16  
Acetone  
Concen: 688.55 ug/l  
RT: 4.129 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 43 Resp: 470762  
Ion Ratio Lower Upper  
43 100  
58 32.6 26.4 39.6

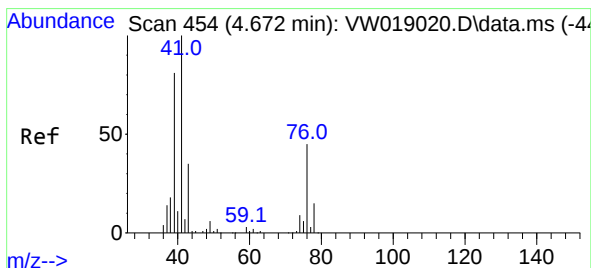
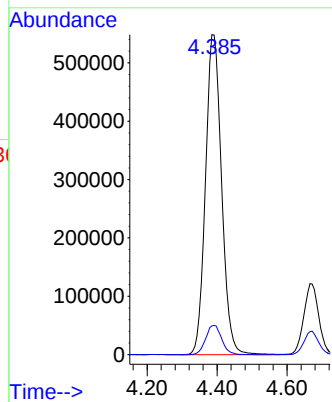
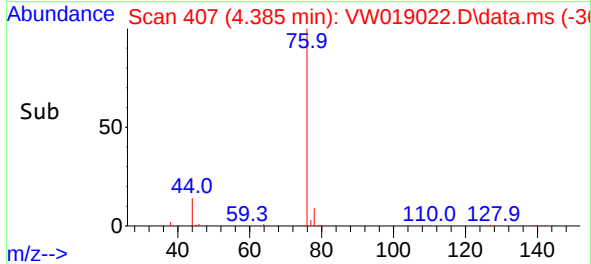




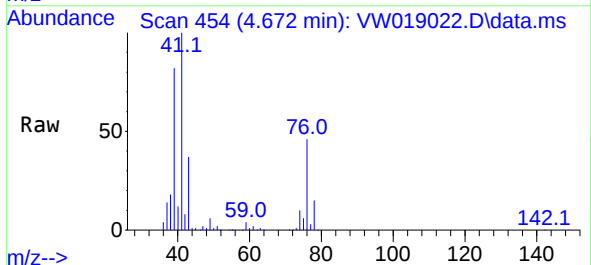
#17  
Carbon Disulfide  
Concen: 158.22 ug/l  
RT: 4.385 min Scan# 407  
Delta R.T. -0.012 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



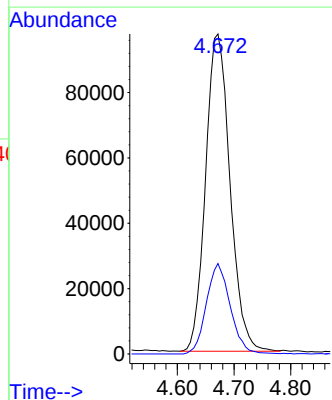
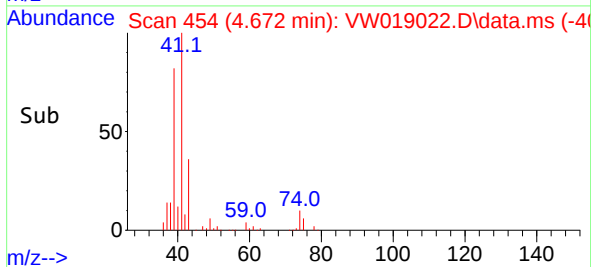
Tgt Ion: 76 Resp: 1751071  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.2



#18  
Methyl Acetate  
Concen: 147.23 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



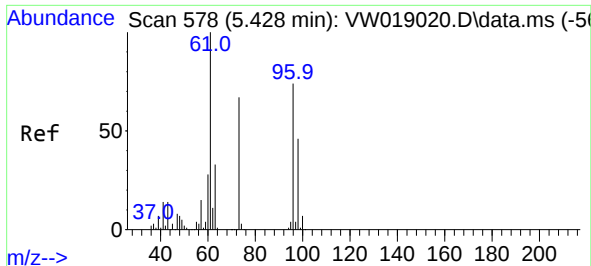
Tgt Ion: 43 Resp: 290862  
Ion Ratio Lower Upper  
43 100  
74 27.8 21.8 32.8



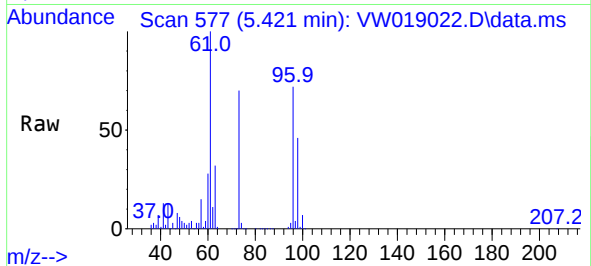
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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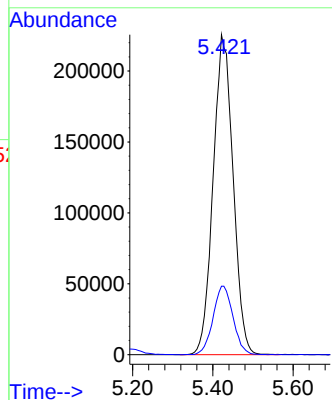
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#19  
Methyl tert-butyl Ether  
Concen: 150.04 ug/l  
RT: 5.421 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



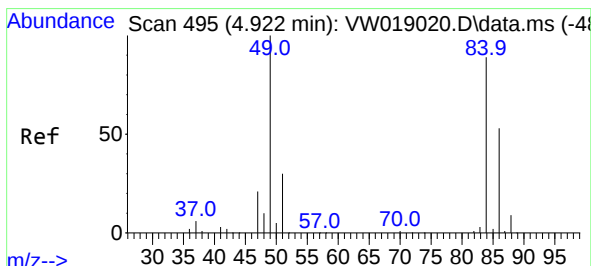
Tgt Ion: 73 Resp: 778173  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.4 26.0



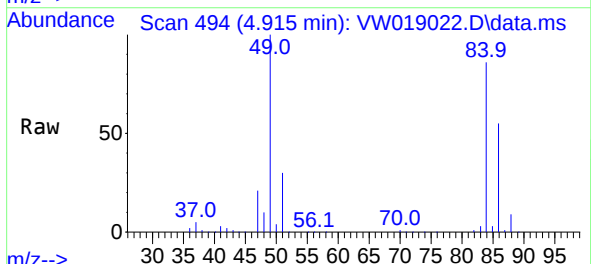
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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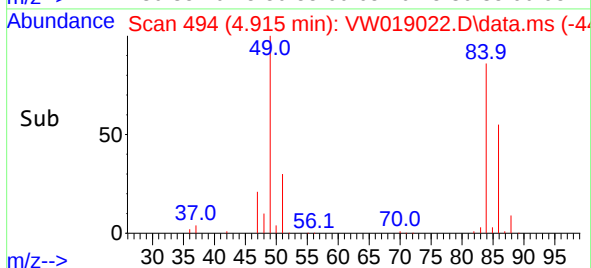
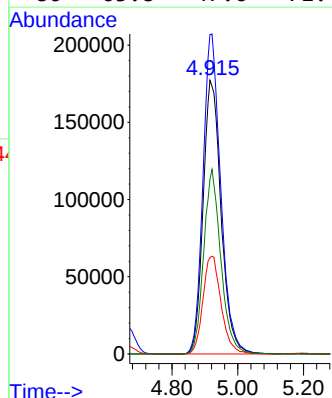
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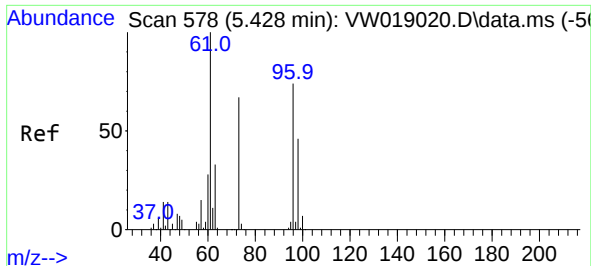


#20  
Methylene Chloride  
Concen: 100.43 ug/l  
RT: 4.915 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

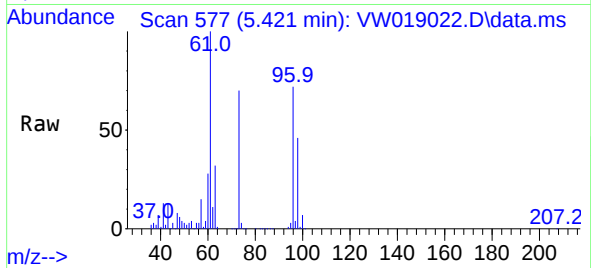


Tgt Ion: 84 Resp: 672010  
Ion Ratio Lower Upper  
84 100  
49 116.7 90.4 135.6  
51 35.2 27.1 40.7  
86 63.8 47.6 71.4



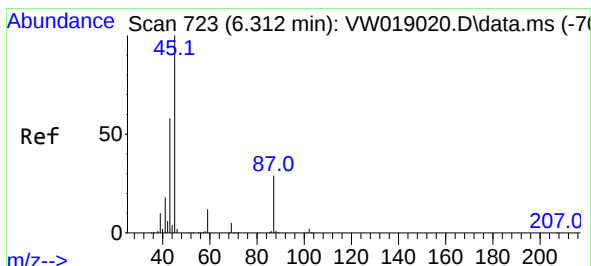
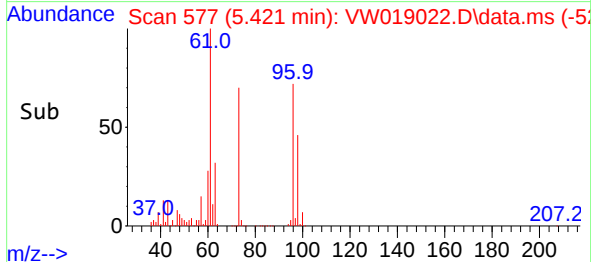
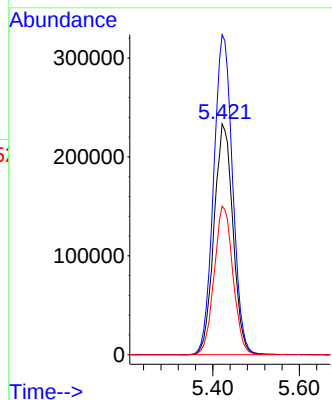


#21  
trans-1,2-Dichloroethene  
Concen: 149.99 ug/l  
RT: 5.421 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

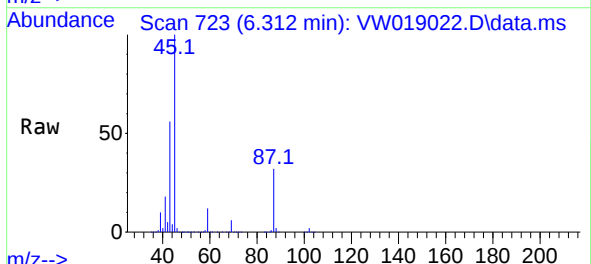


Tgt Ion: 96 Resp: 707138

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 138.6 | 108.5 | 162.7 |
| 98  | 64.4  | 49.4  | 74.0  |

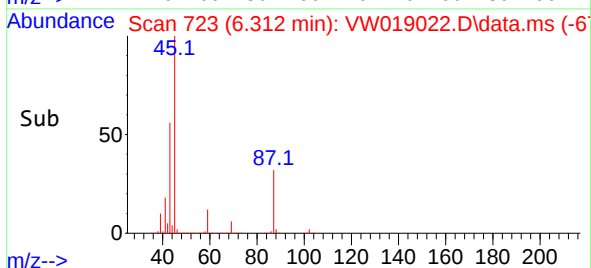
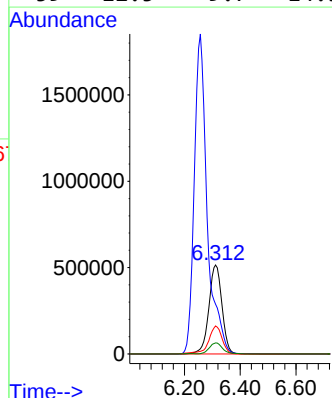


#22  
Diisopropyl ether  
Concen: 154.91 ug/l  
RT: 6.312 min Scan# 723  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



Tgt Ion: 45 Resp: 1679105

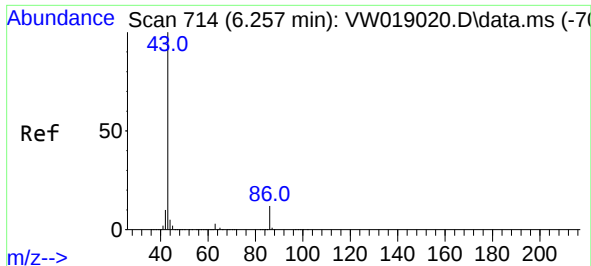
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 55.9  | 46.1  | 69.1  |
| 87  | 31.5  | 23.4  | 35.2  |
| 59  | 12.5  | 9.7   | 14.5  |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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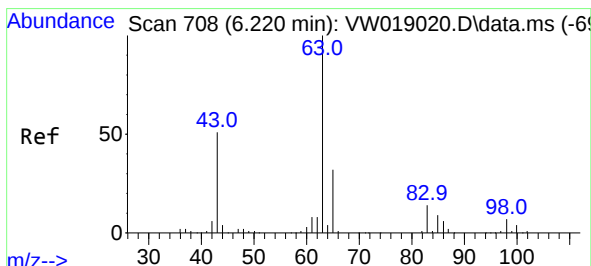
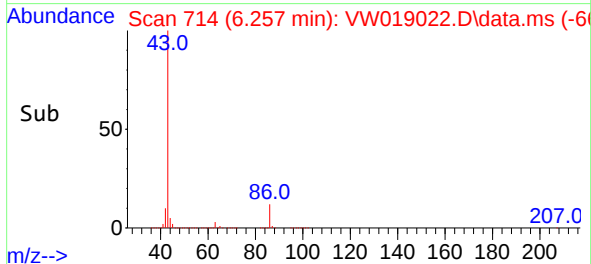
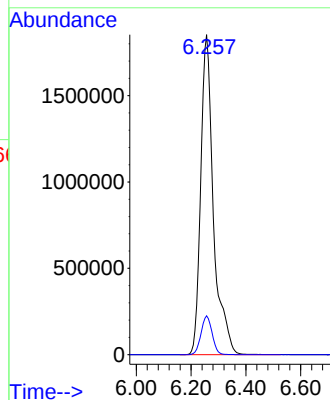
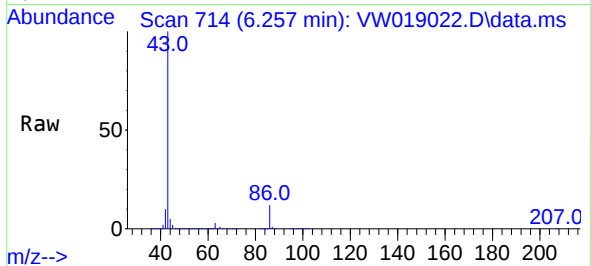
#23  
 Vinyl Acetate  
 Concen: 838.45 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. -0.000 min  
 Lab File: VW019022.D  
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Tgt Ion: 43 Resp: 5964068  
 Ion Ratio Lower Upper  
 43 100  
 86 12.2 9.6 14.4

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

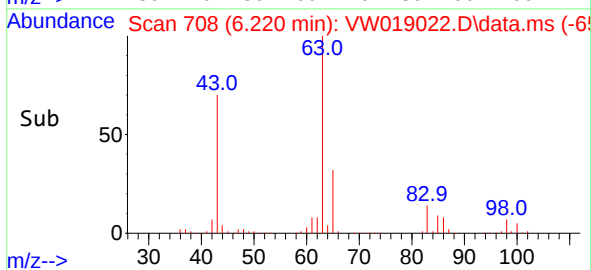
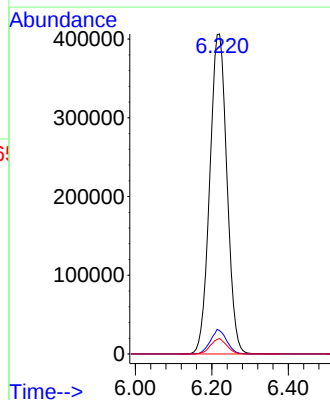
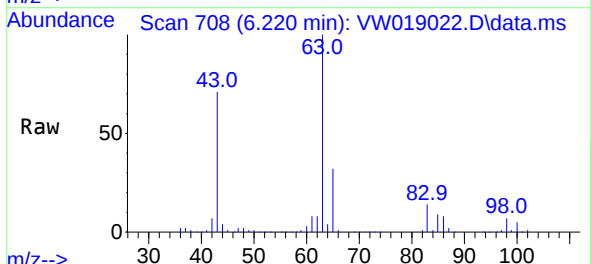
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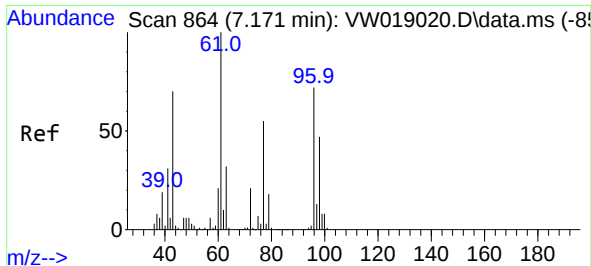
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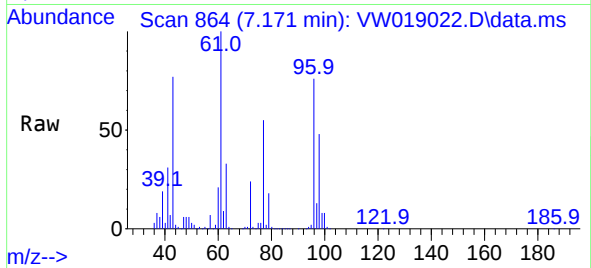
#24  
 1,1-Dichloroethane  
 Concen: 148.87 ug/l  
 RT: 6.220 min Scan# 708  
 Delta R.T. -0.000 min  
 Lab File: VW019022.D  
 Acq: 18 May 2021 15:54

Tgt Ion: 63 Resp: 1265471  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.6 10.9  
 100 4.9 2.3 6.8

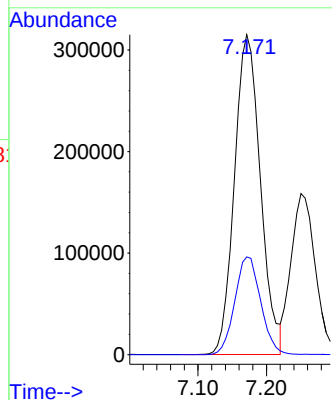




#25  
2-Butanone  
Concen: 763.28 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



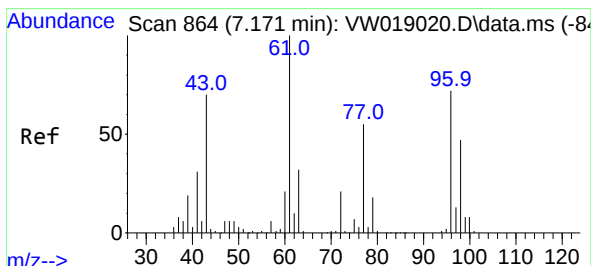
Tgt Ion: 43 Resp: 831140  
Ion Ratio Lower Upper  
43 100  
72 30.6 24.0 36.0



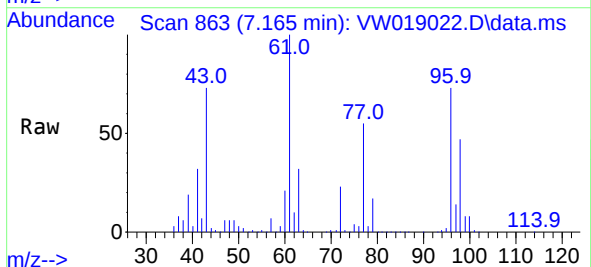
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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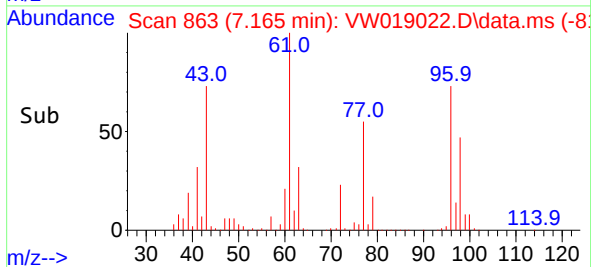
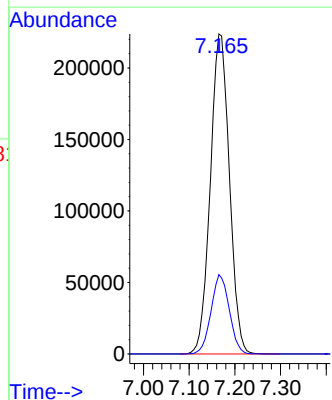
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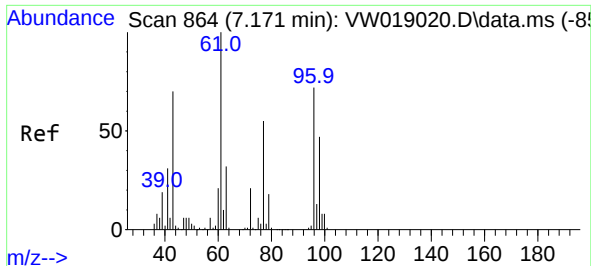


#26  
2,2-Dichloropropane  
Concen: 138.99 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



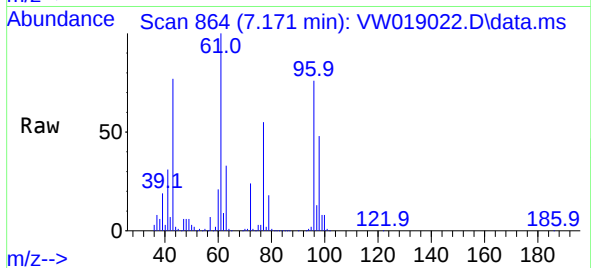
Tgt Ion: 77 Resp: 648088  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.8 35.3



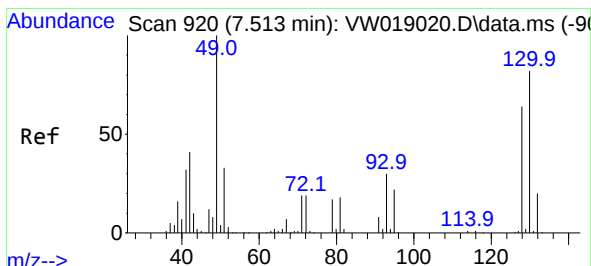
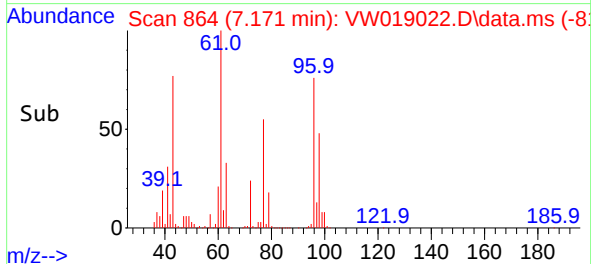
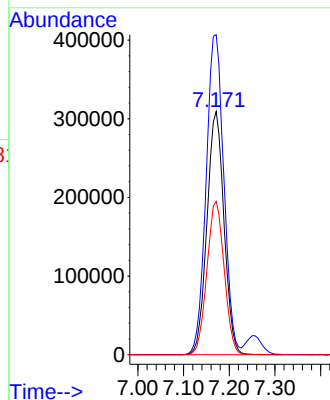


#27

cis-1,2-Dichloroethene  
Concen: 153.58 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

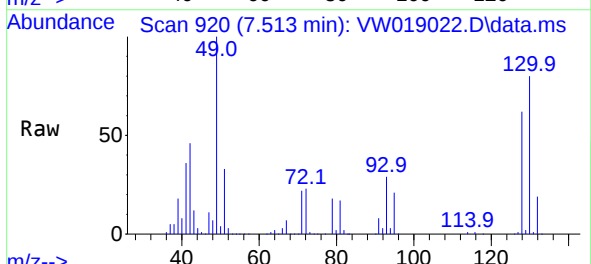


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 800306 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 136.8 | 0.0   | 281.2  |
| 98       | 64.0  | 0.0   | 127.4  |

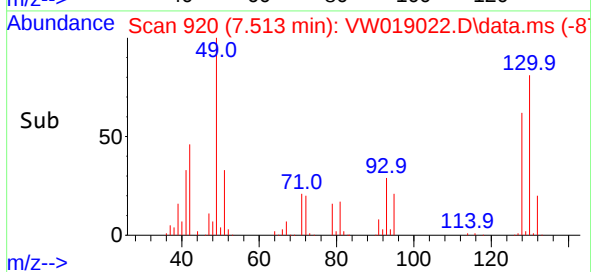
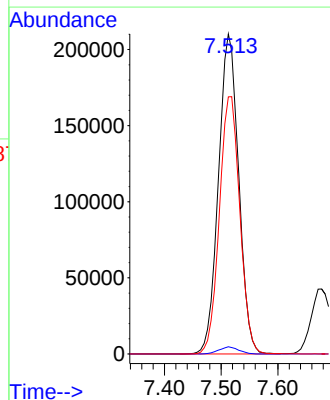


#28

Bromochloromethane  
Concen: 149.88 ug/l  
RT: 7.513 min Scan# 920  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



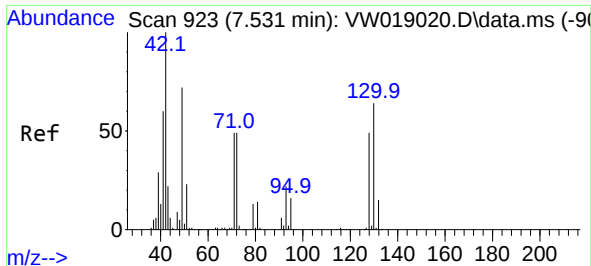
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 520347 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 2.2   | 0.0   | 4.4    |
| 130      | 81.5  | 63.0  | 94.4   |



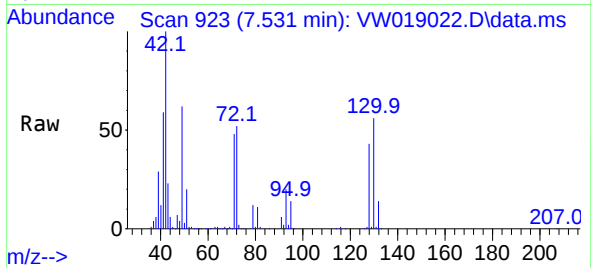
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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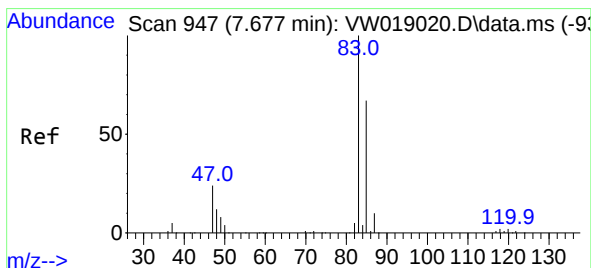
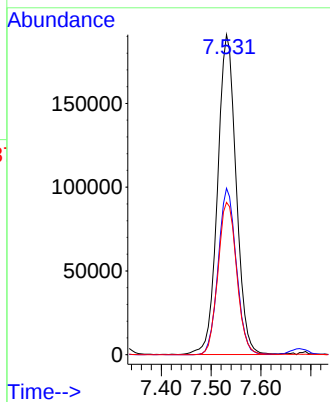
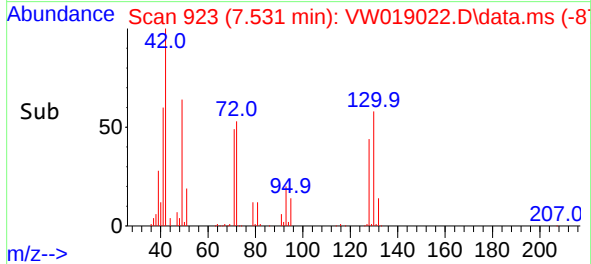
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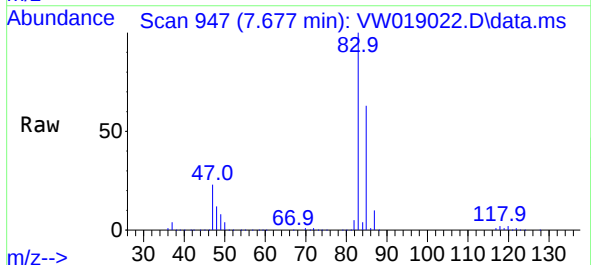
#29  
Tetrahydrofuran  
Concen: 781.41 ug/l  
RT: 7.531 min Scan# 923  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



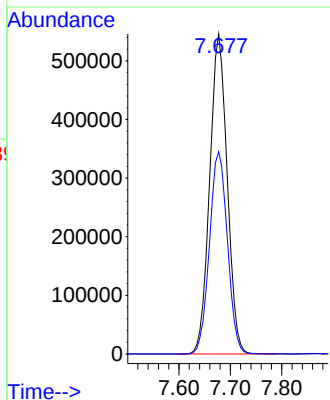
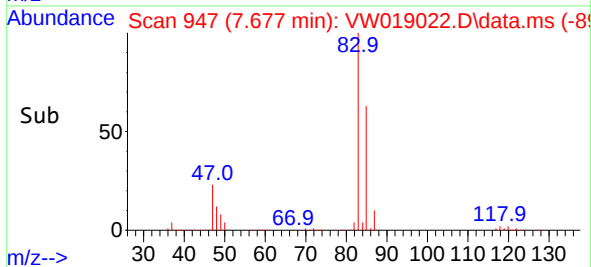
Tgt Ion: 42 Resp: 493650  
Ion Ratio Lower Upper  
42 100  
72 50.8 40.1 60.1  
71 48.1 38.3 57.5



#30  
Chloroform  
Concen: 149.57 ug/l  
RT: 7.677 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



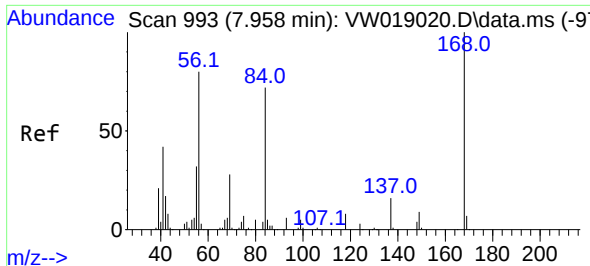
Tgt Ion: 83 Resp: 1288035  
Ion Ratio Lower Upper  
83 100  
85 63.2 53.4 80.0



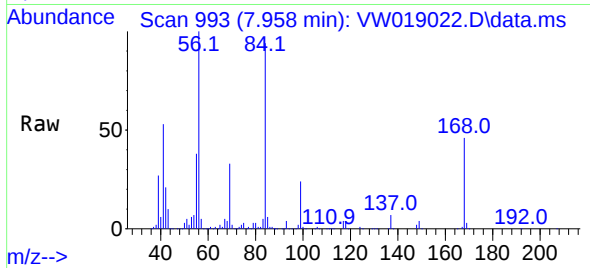
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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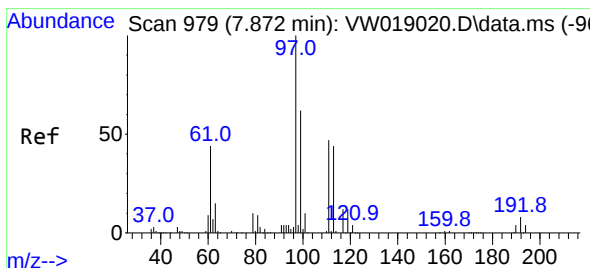
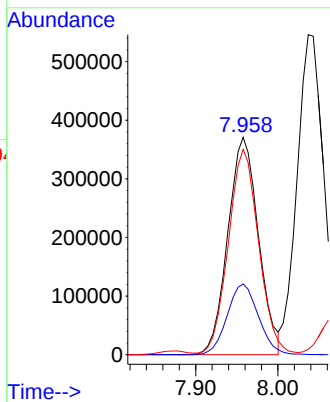
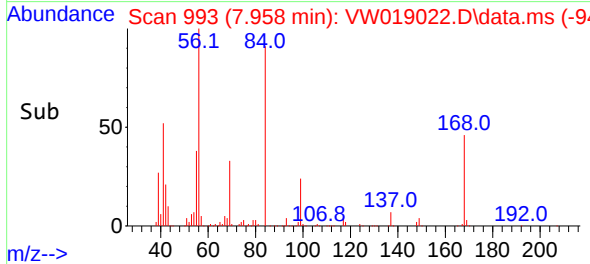
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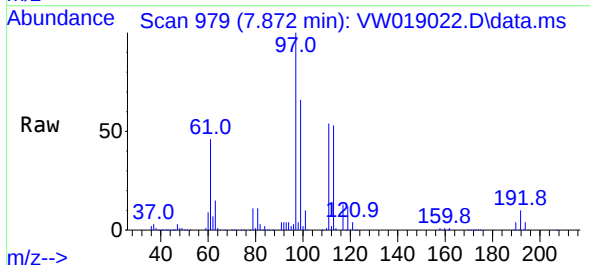
#31  
Cyclohexane  
Concen: 130.18 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



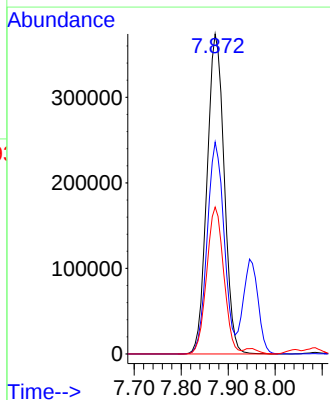
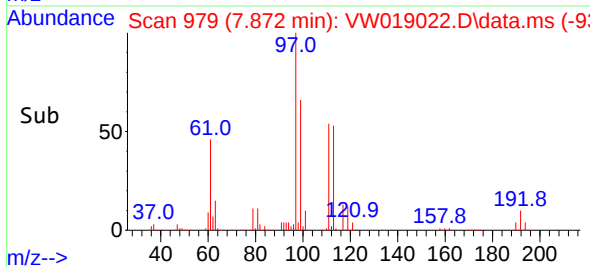
Tgt Ion: 56 Resp: 961240  
Ion Ratio Lower Upper  
56 100  
69 32.5 28.4 42.6  
84 92.8 72.3 108.5



#32  
1,1,1-Trichloroethane  
Concen: 147.82 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



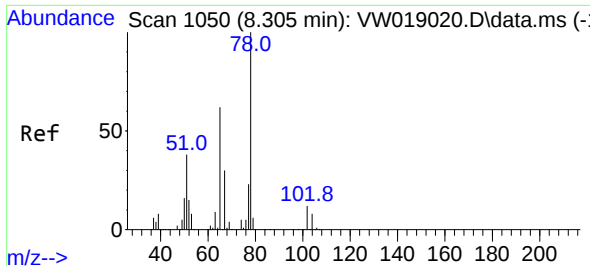
Tgt Ion: 97 Resp: 947609  
Ion Ratio Lower Upper  
97 100  
99 65.3 52.2 78.4  
61 45.8 36.7 55.1



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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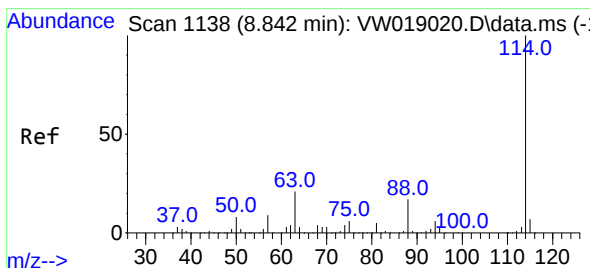
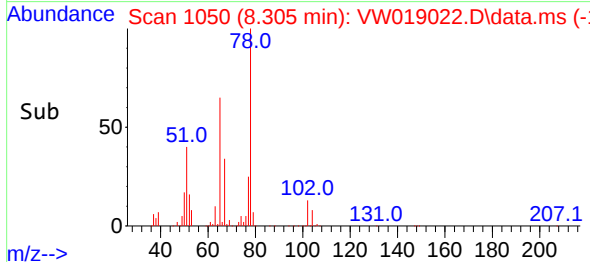
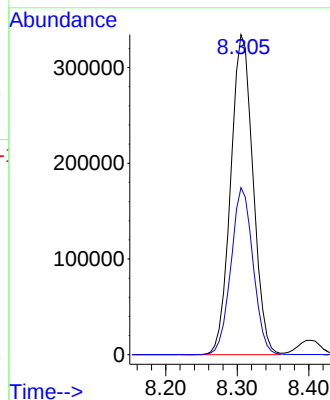
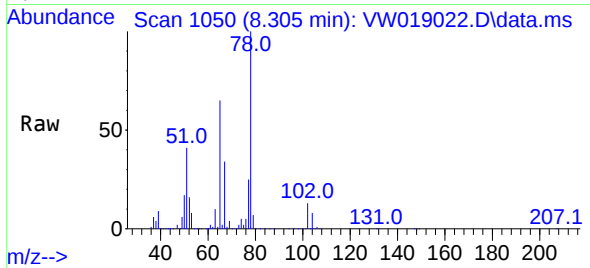
#33  
1,2-Dichloroethane-d4  
Concen: 184.66 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
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Tgt Ion: 65 Resp: 725234  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 104.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

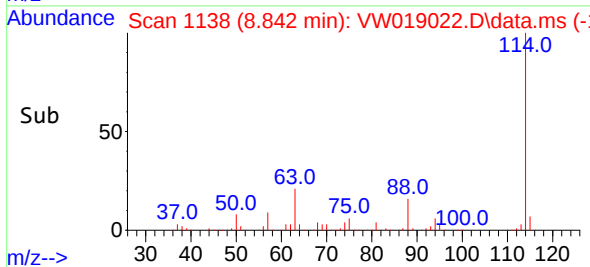
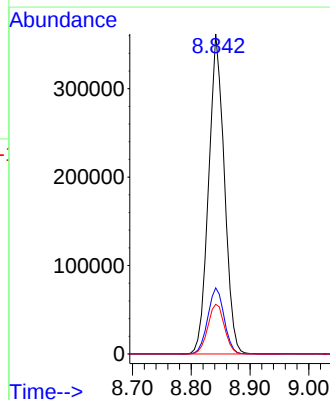
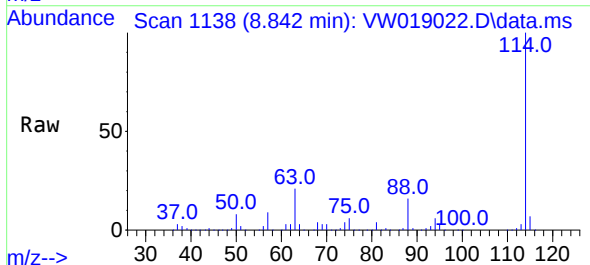
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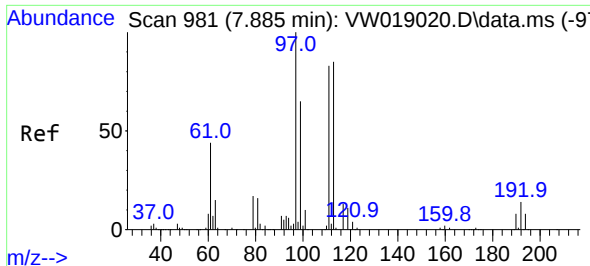
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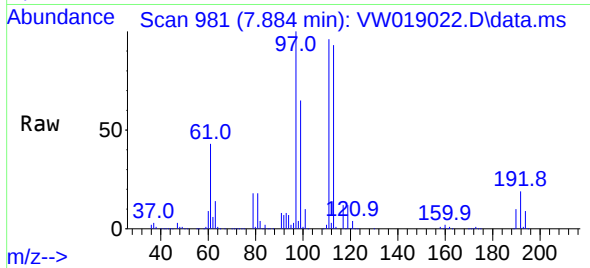
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 114 Resp: 672231  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 42.4  
88 15.5 0.0 33.2

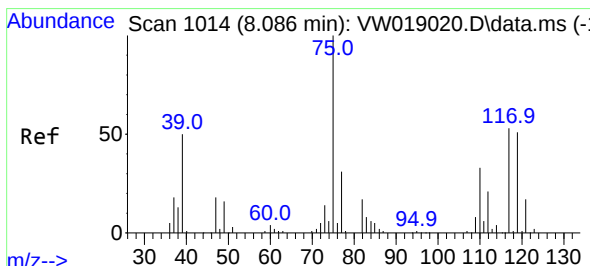
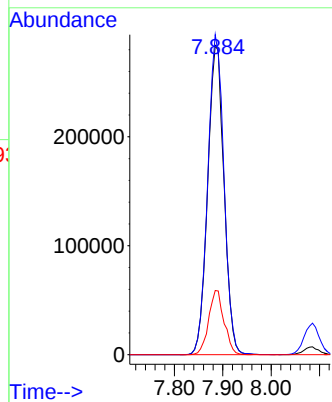
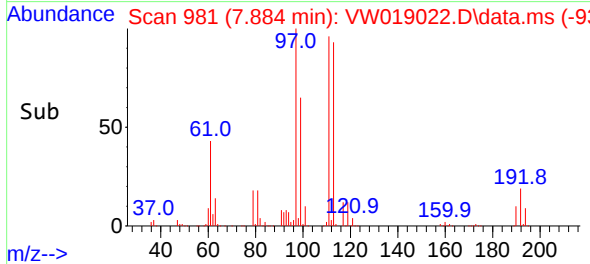




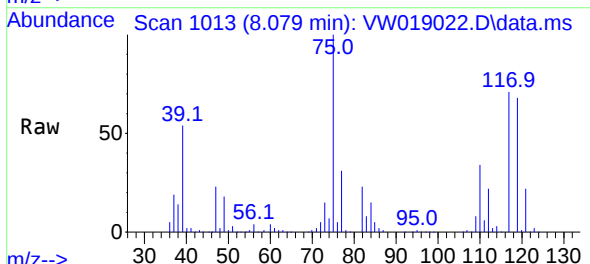
#35  
Dibromofluoromethane  
Concen: 194.88 ug/l  
RT: 7.884 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



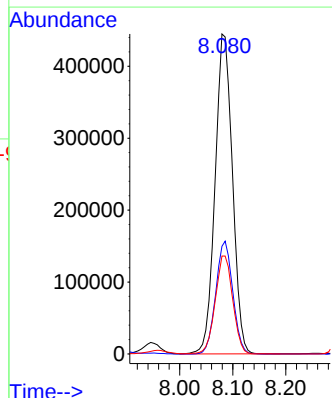
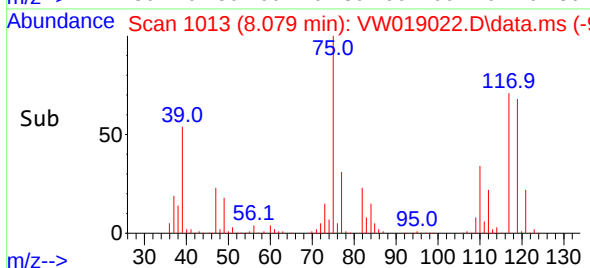
Tgt Ion: 113 Resp: 664303  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.3 123.5  
192 19.6 15.3 22.9



#36  
1,1-Dichloropropene  
Concen: 151.19 ug/l  
RT: 8.079 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



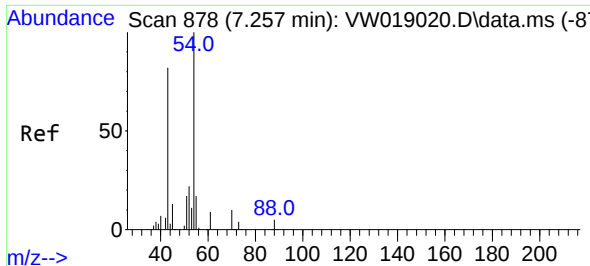
Tgt Ion: 75 Resp: 1010697  
Ion Ratio Lower Upper  
75 100  
110 34.5 17.1 51.2  
77 31.0 25.3 37.9



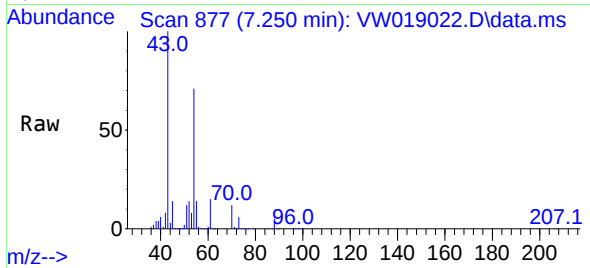
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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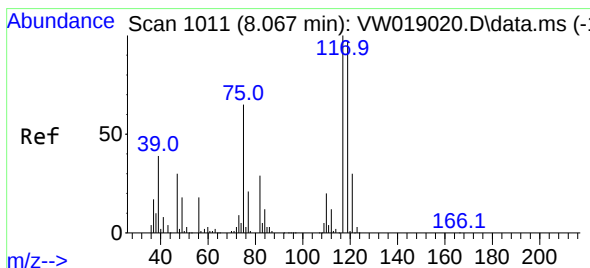
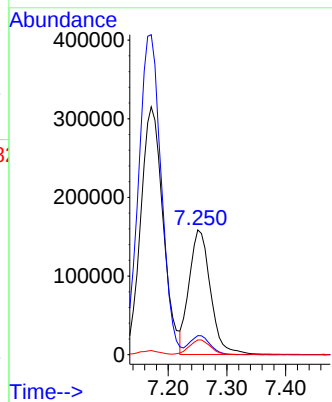
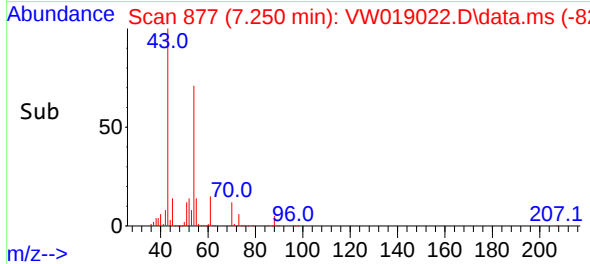
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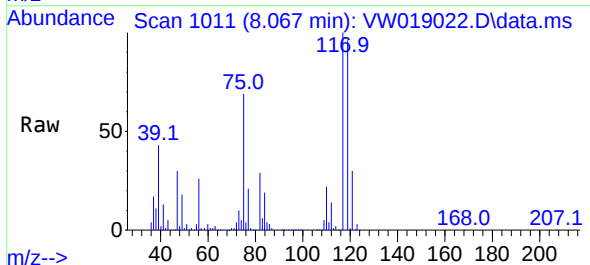
#37  
Ethyl Acetate  
Concen: 154.44 ug/l  
RT: 7.250 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



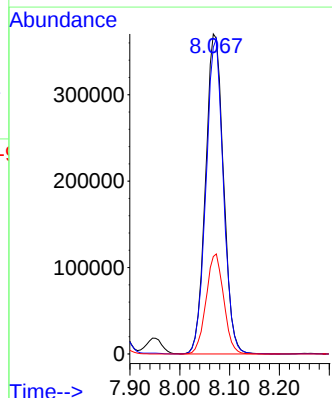
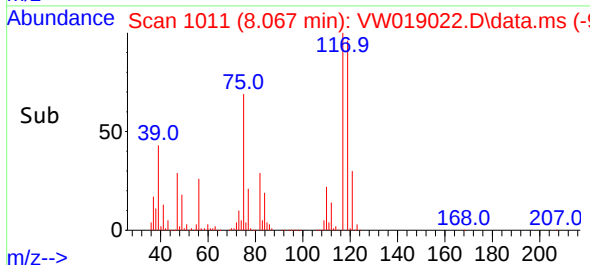
Tgt Ion: 43 Resp: 398095  
Ion Ratio Lower Upper  
43 100  
61 14.5 12.2 18.4  
70 11.7 9.5 14.3



#38  
Carbon Tetrachloride  
Concen: 159.42 ug/l  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



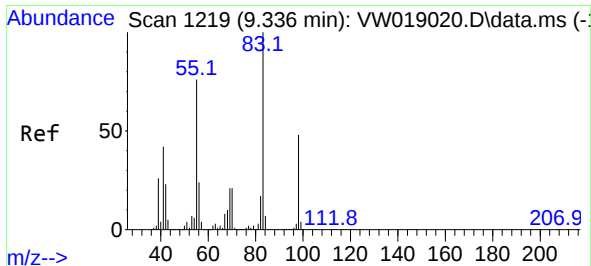
Tgt Ion: 117 Resp: 924650  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.4 116.0  
121 30.5 23.6 35.4



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

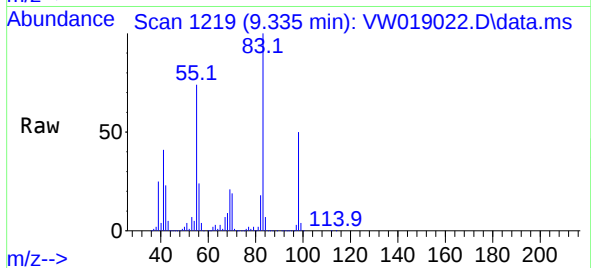
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#39  
Methylcyclohexane  
Concen: 157.14 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

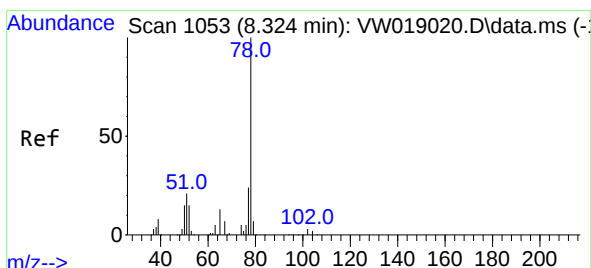
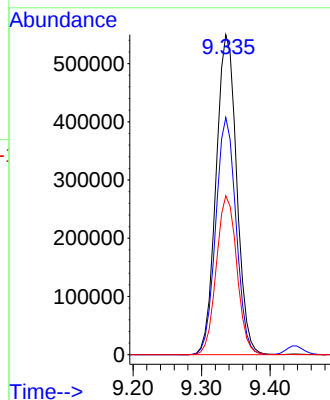
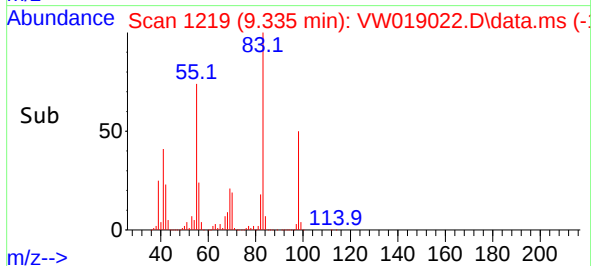
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



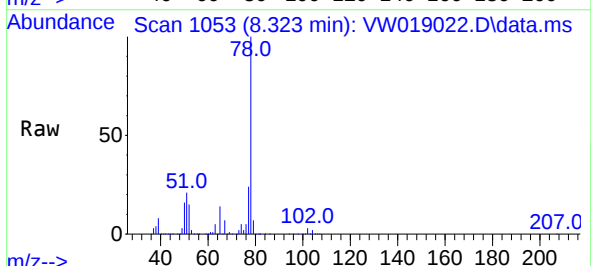
Tgt Ion: 83 Resp: 1145580  
Ion Ratio Lower Upper  
83 100  
55 74.1 60.9 91.3  
98 49.6 38.4 57.6

Manual Integrations  
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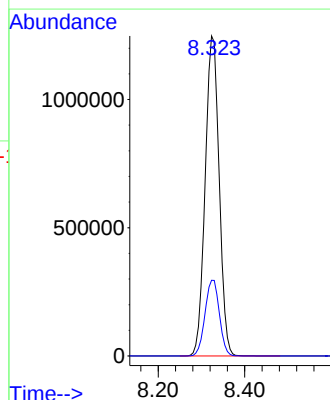
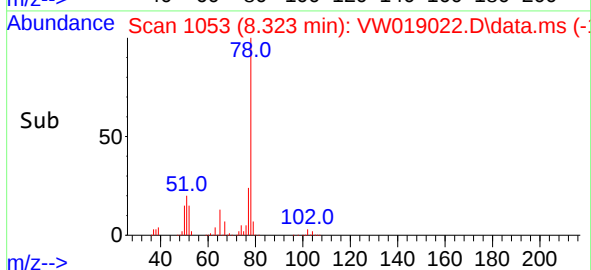
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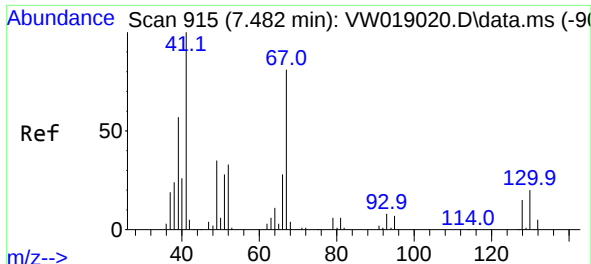


#40  
Benzene  
Concen: 149.46 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

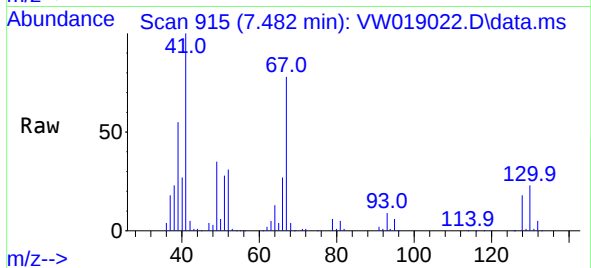


Tgt Ion: 78 Resp: 2796098  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.6 29.4

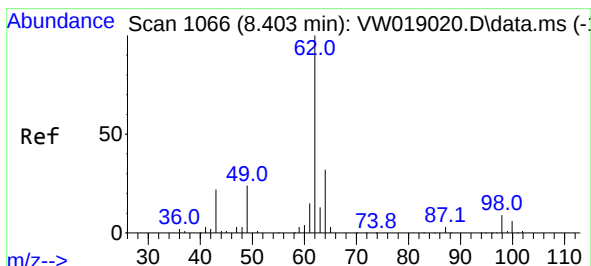
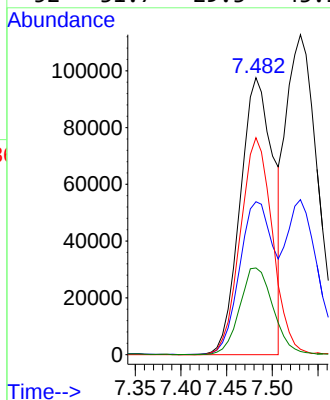
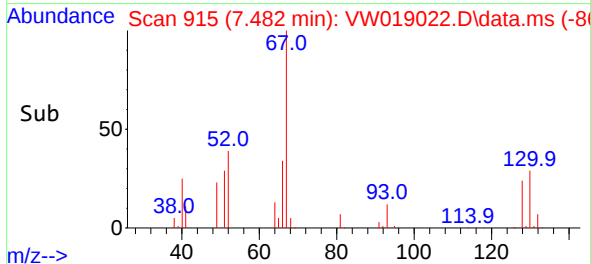




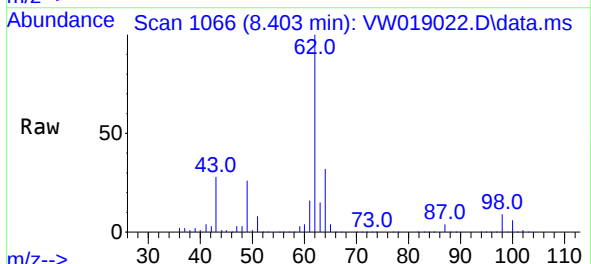
#41  
Methacrylonitrile  
Concen: 187.55 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



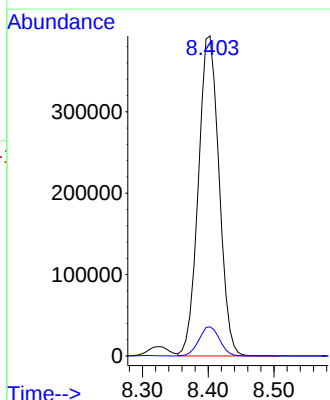
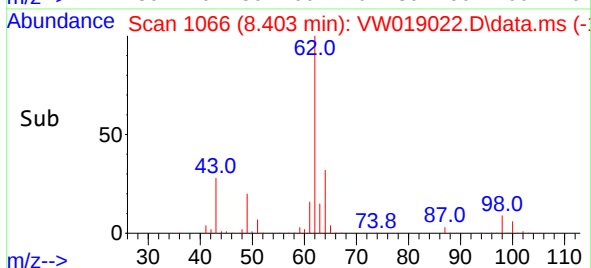
Tgt Ion: 41 Resp: 247184  
Ion Ratio Lower Upper  
41 100  
39 56.3 50.1 75.1  
67 76.2 69.0 103.4  
52 31.7 29.3 43.9



#42  
1,2-Dichloroethane  
Concen: 156.49 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



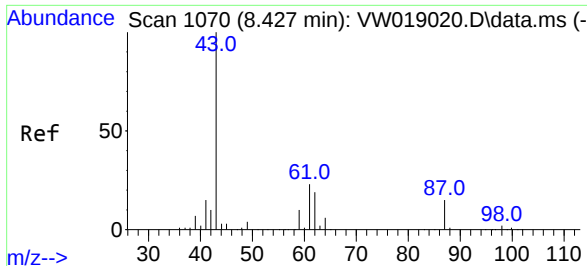
Tgt Ion: 62 Resp: 859089  
Ion Ratio Lower Upper  
62 100  
98 9.1 0.0 18.0



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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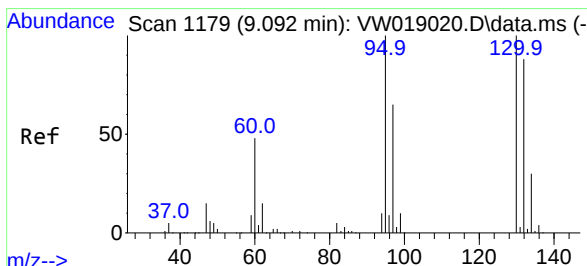
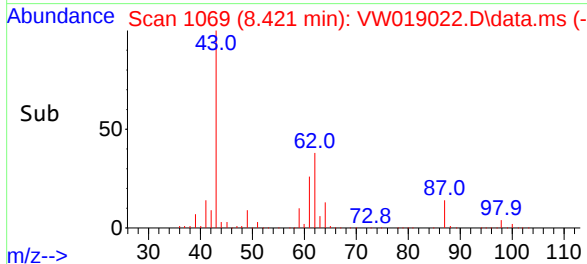
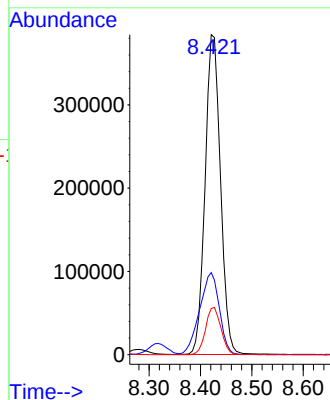
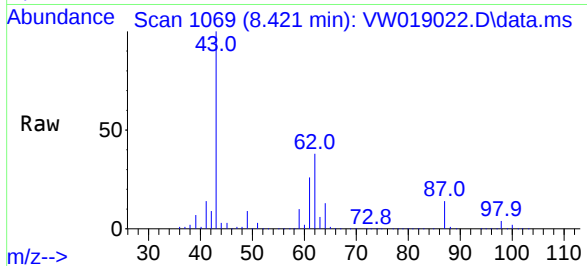
#43  
Isopropyl Acetate  
Concen: 172.89 ug/l  
RT: 8.421 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 799784 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 32.7  | 27.0  | 40.6   |
| 87       | 14.8  | 11.6  | 17.4   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

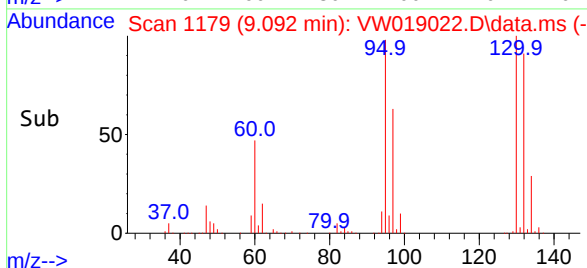
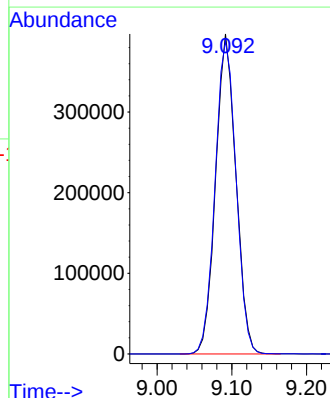
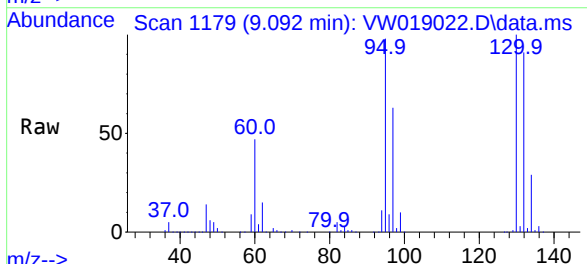
Manual Integrations  
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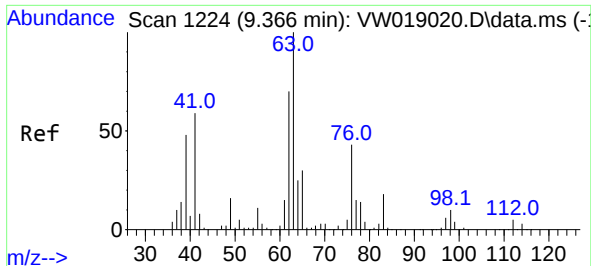
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#44  
Trichloroethene  
Concen: 157.71 ug/l  
RT: 9.092 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 747582 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 97.8  | 0.0   | 199.0  |





#45

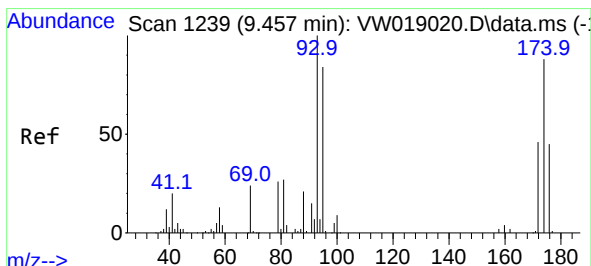
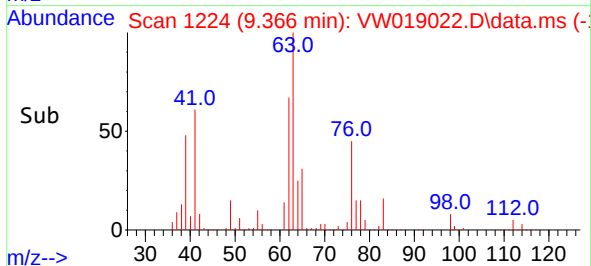
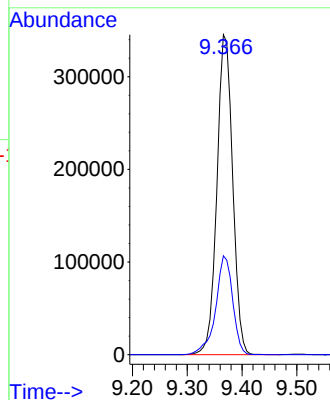
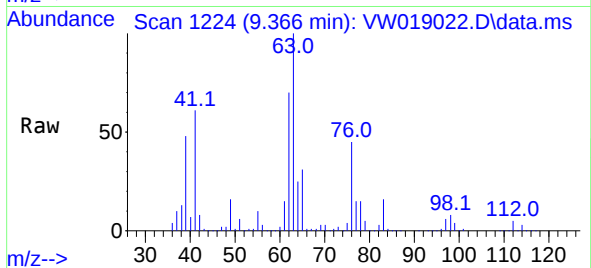
1,2-Dichloropropane  
Concen: 153.46 ug/l  
RT: 9.366 min Scan# 1224  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 63 Resp: 689805  
Ion Ratio Lower Upper  
63 100  
65 30.9 24.1 36.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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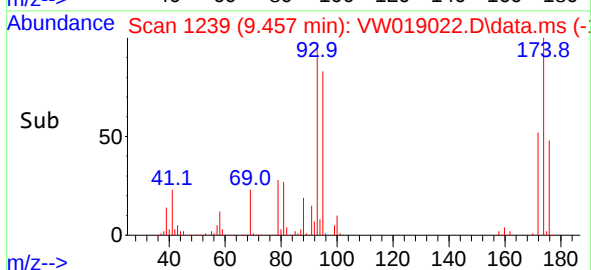
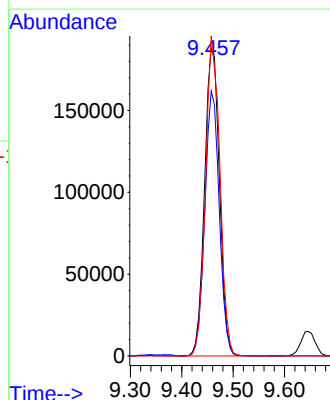
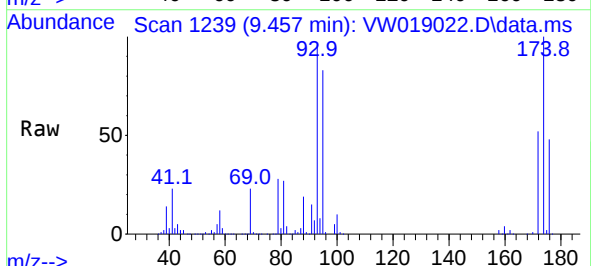
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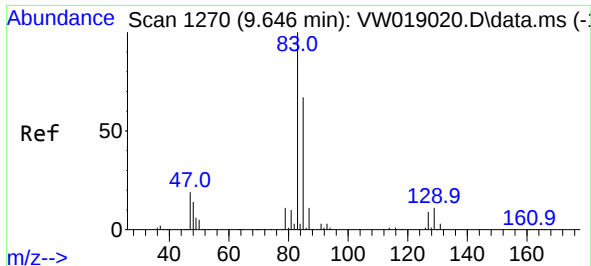


#46

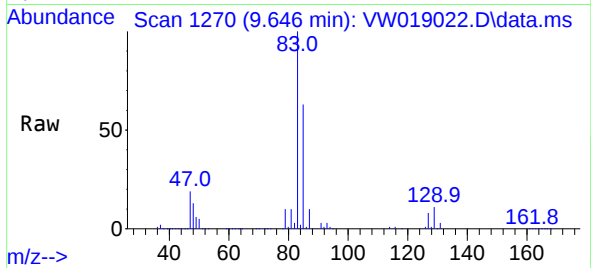
Dibromomethane  
Concen: 156.13 ug/l  
RT: 9.457 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 93 Resp: 378888  
Ion Ratio Lower Upper  
93 100  
95 83.3 66.7 100.1  
174 99.7 75.3 112.9

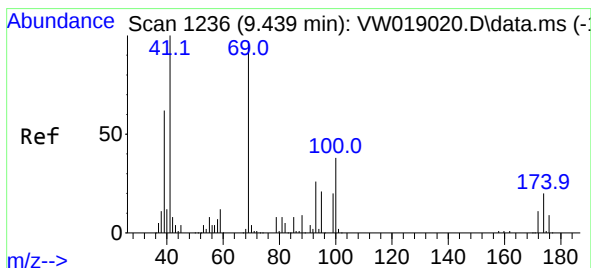
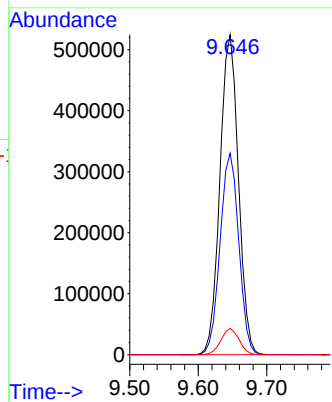
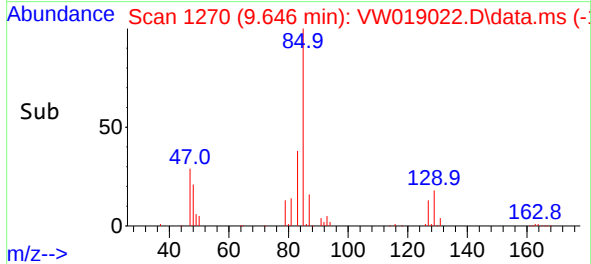




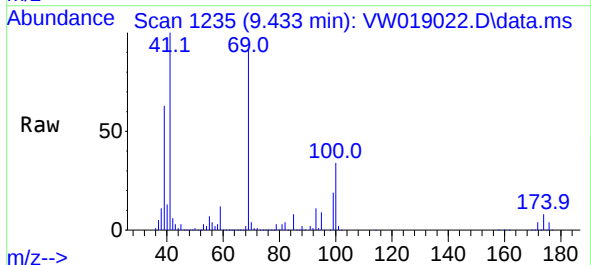
#47  
Bromodichloromethane  
Concen: 165.38 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



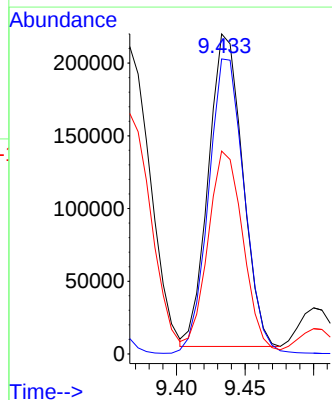
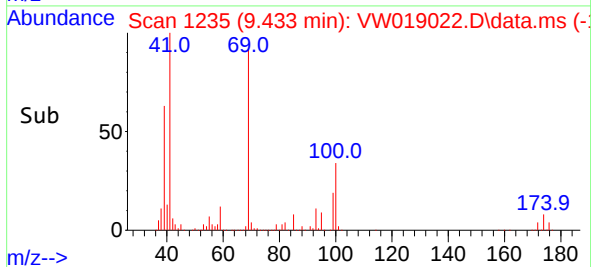
Tgt Ion: 83 Resp: 980026  
Ion Ratio Lower Upper  
83 100  
85 62.9 53.4 80.2  
127 8.2 7.0 10.6



#48  
Methyl methacrylate  
Concen: 177.69 ug/l  
RT: 9.433 min Scan# 1235  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



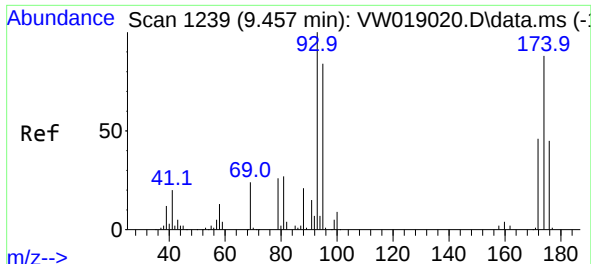
Tgt Ion: 41 Resp: 373807  
Ion Ratio Lower Upper  
41 100  
69 98.8 80.2 120.2  
39 67.4 51.5 77.3



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

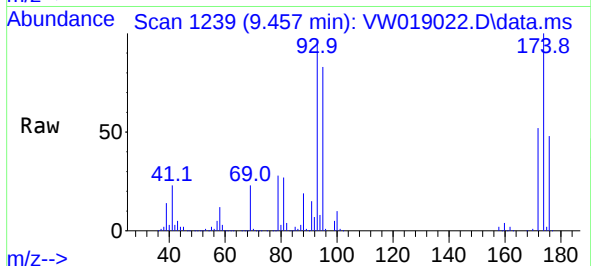
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#49  
1,4-Dioxane  
Concen: 3264.00 ug/l  
RT: 9.457 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

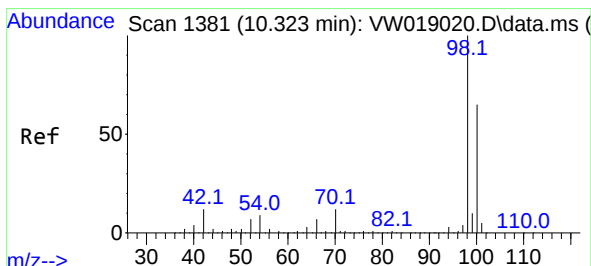
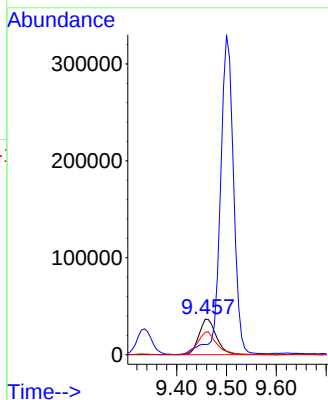
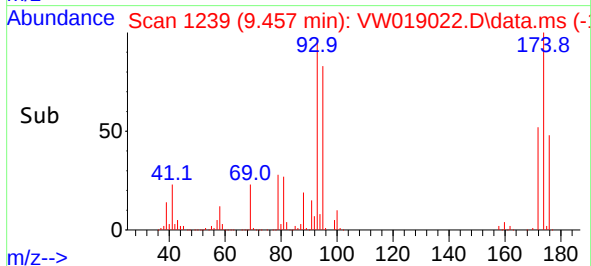
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



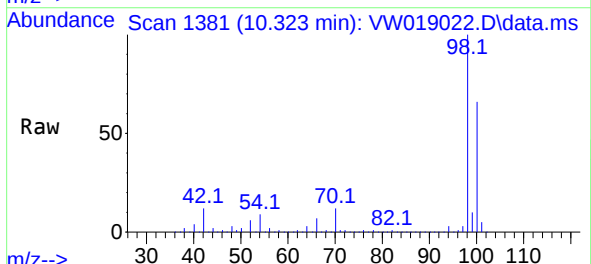
Tgt Ion: 88 Resp: 89089  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.1 33.1#  
58 70.1 55.4 83.2

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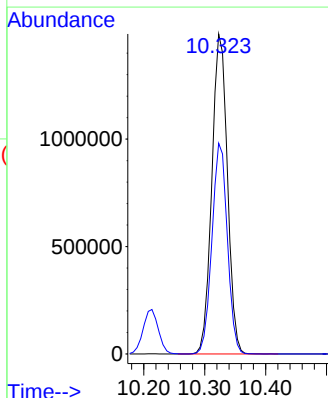
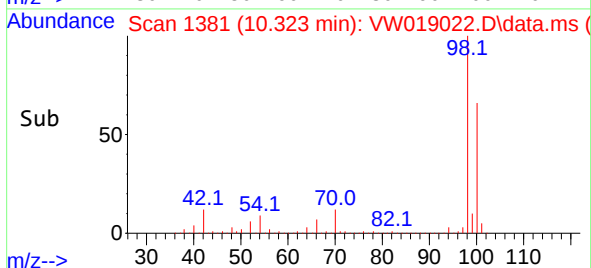
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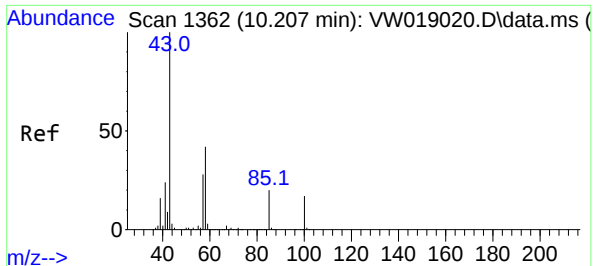


#50  
Toluene-d8  
Concen: 197.55 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



Tgt Ion: 98 Resp: 2636556  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.0 78.0





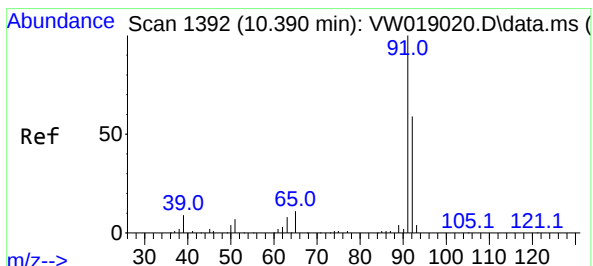
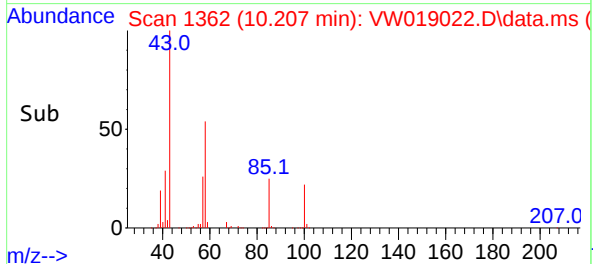
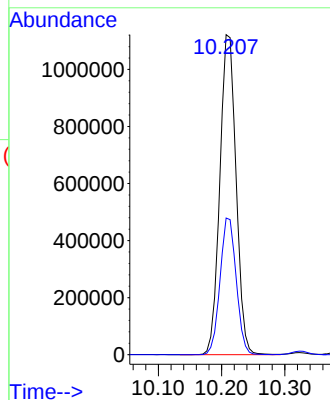
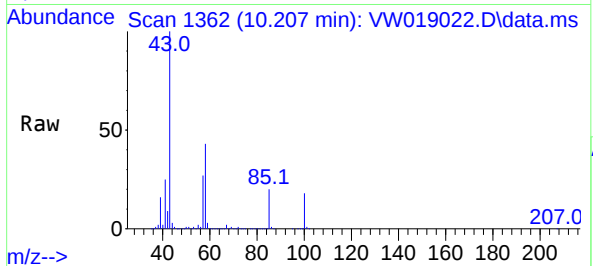
#51  
4-Methyl-2-Pentanone  
Concen: 814.97 ug/l  
RT: 10.207 min Scan# 1362  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 43 Resp: 1990145  
Ion Ratio Lower Upper  
43 100  
58 42.5 34.2 51.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

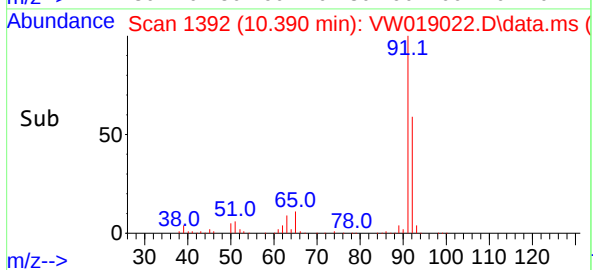
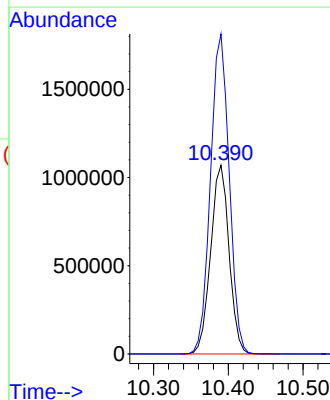
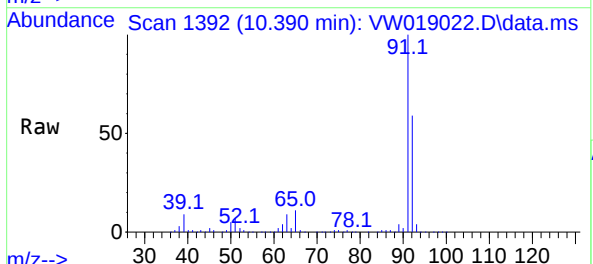
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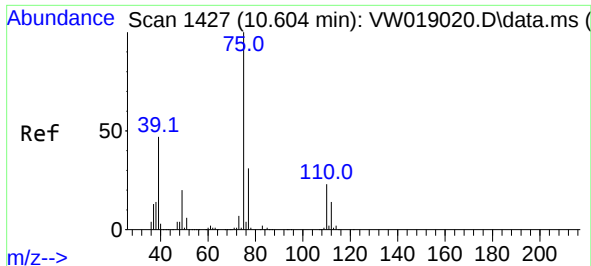
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#52  
Toluene  
Concen: 155.95 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 92 Resp: 1826808  
Ion Ratio Lower Upper  
92 100  
91 172.7 137.4 206.0





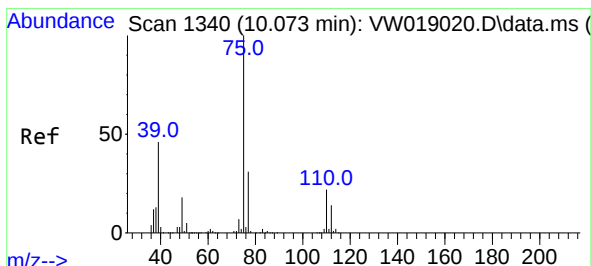
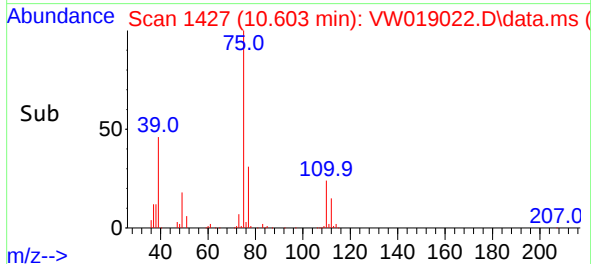
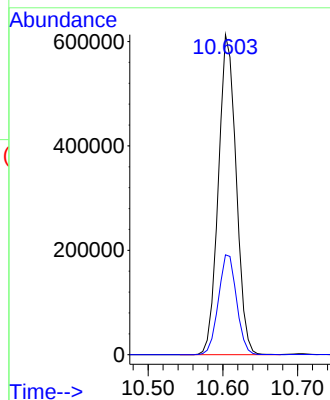
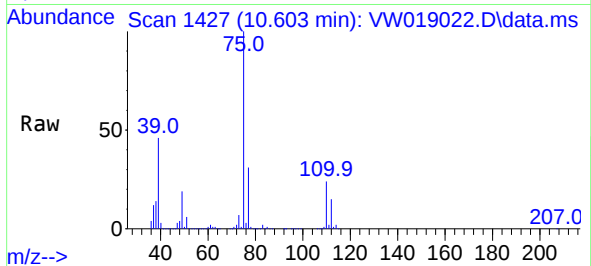
#53  
t-1,3-Dichloropropene  
Concen: 179.34 ug/l  
RT: 10.603 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 75 Resp: 1015484  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.8 37.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

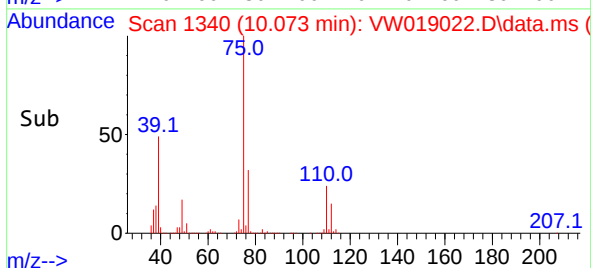
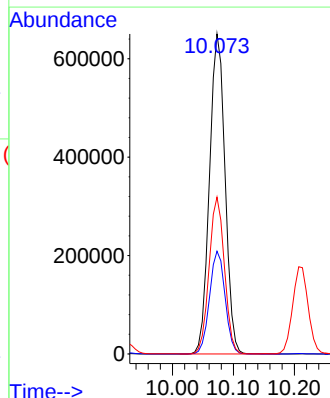
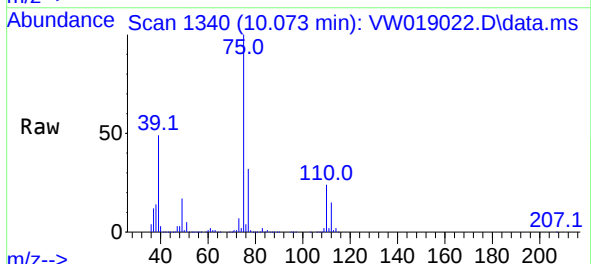
Manual Integrations  
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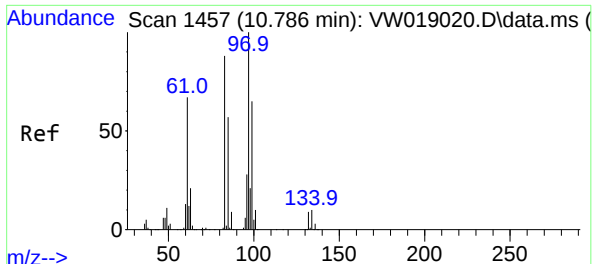
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#54  
cis-1,3-Dichloropropene  
Concen: 167.74 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 75 Resp: 1154816  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.0 37.6  
39 49.0 36.9 55.3





#55  
1,1,2-Trichloroethane  
Concen: 157.35 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

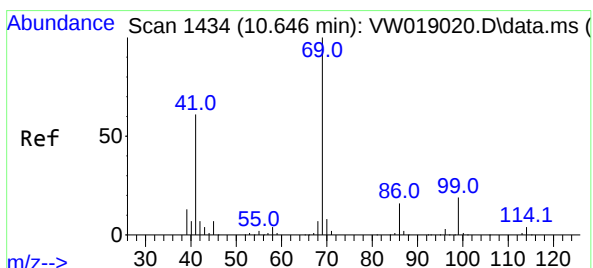
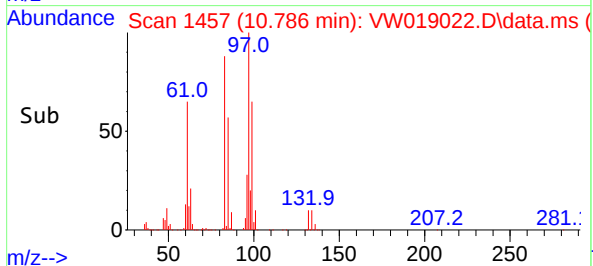
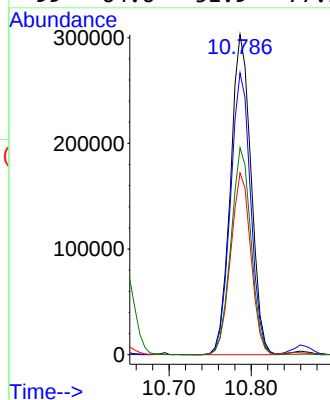
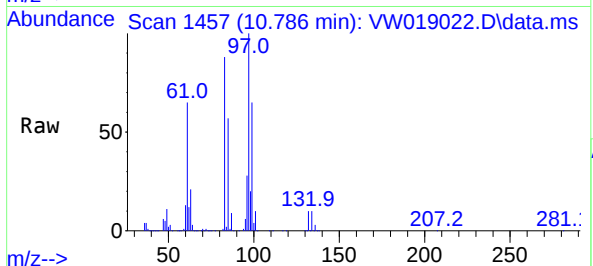
Tgt Ion: 97 Resp: 525829

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.0  | 70.6  | 106.0 |
| 85  | 56.7  | 45.8  | 68.6  |
| 99  | 64.6  | 51.9  | 77.9  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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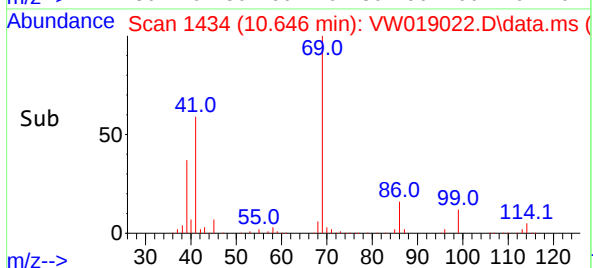
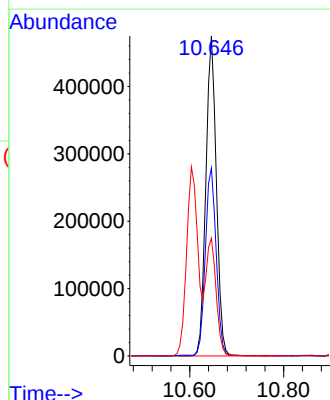
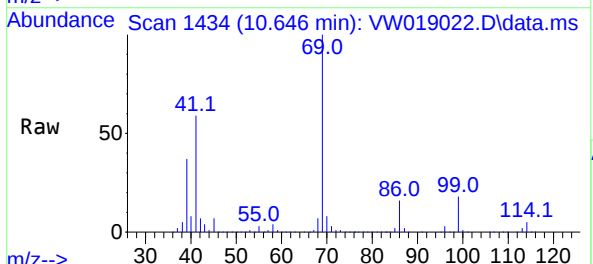
MMDadoda  
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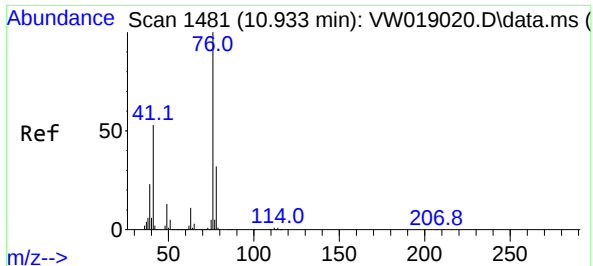


#56  
Ethyl methacrylate  
Concen: 183.94 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 69 Resp: 734881

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.1  | 48.7  | 73.1  |
| 39  | 35.1  | 29.0  | 43.4  |





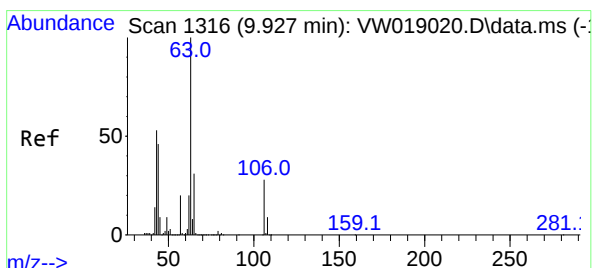
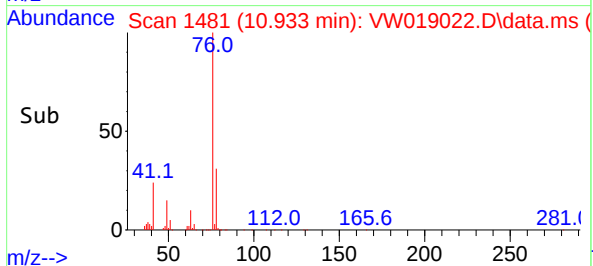
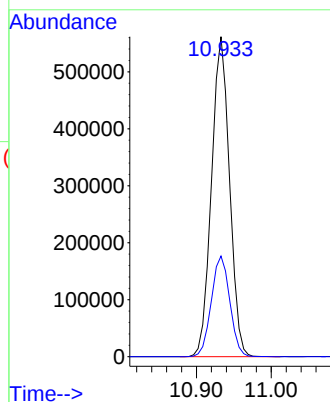
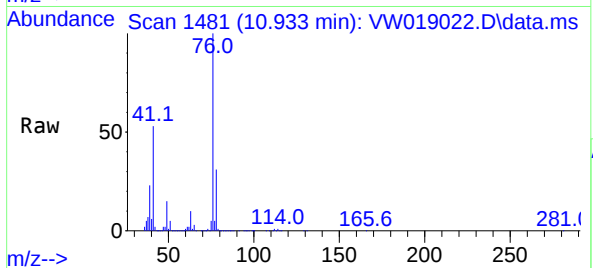
#57  
1,3-Dichloropropane  
Concen: 156.73 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 76 Resp: 939766  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.5 38.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

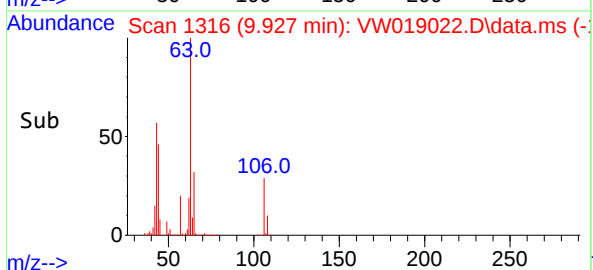
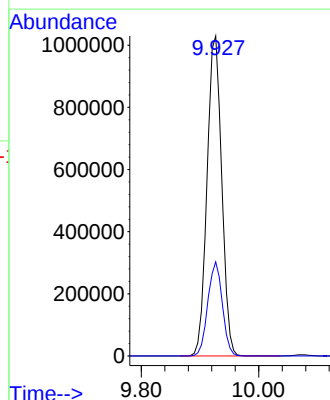
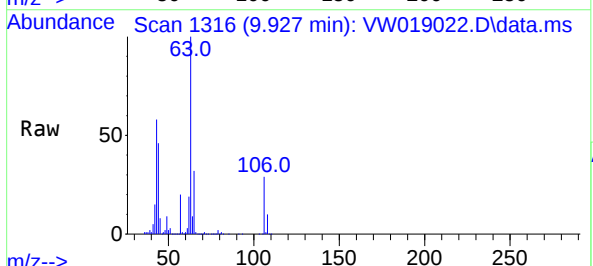
Manual Integrations  
APPROVED

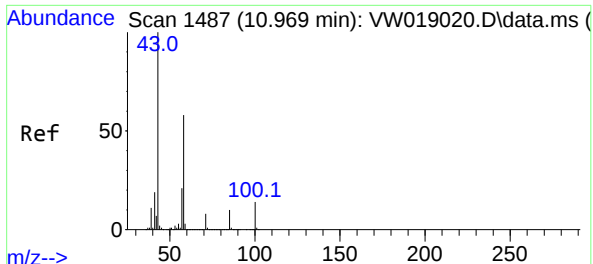
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#58  
2-Chloroethyl Vinyl ether  
Concen: 841.03 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 63 Resp: 1784299  
Ion Ratio Lower Upper  
63 100  
106 29.0 22.3 33.5





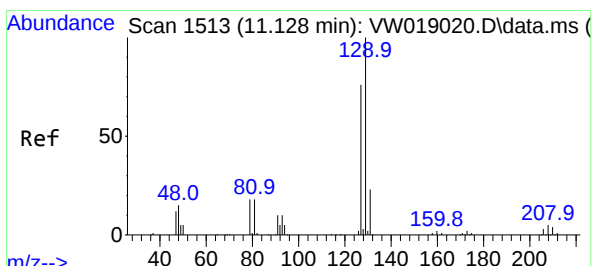
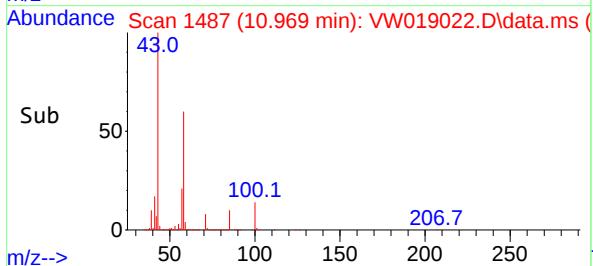
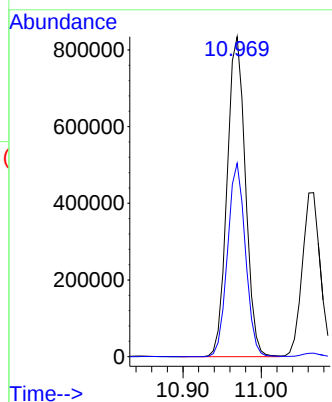
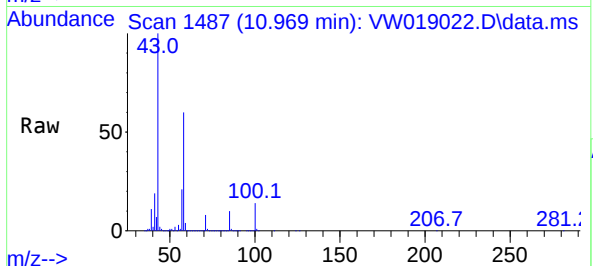
#59  
2-Hexanone  
Concen: 846.37 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 43 Resp: 1354815  
Ion Ratio Lower Upper  
43 100  
58 59.0 29.0 87.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

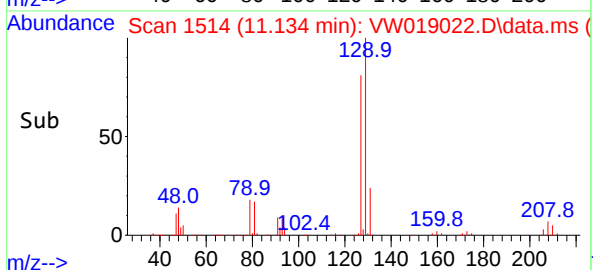
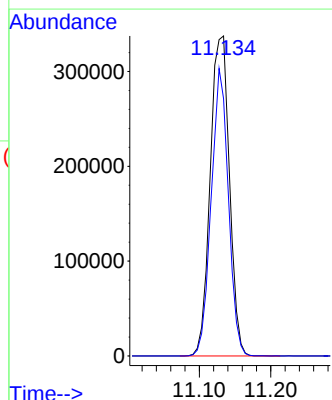
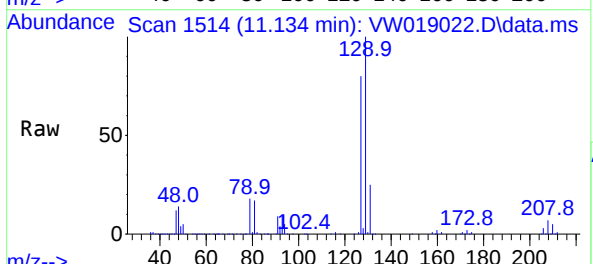
Manual Integrations  
APPROVED

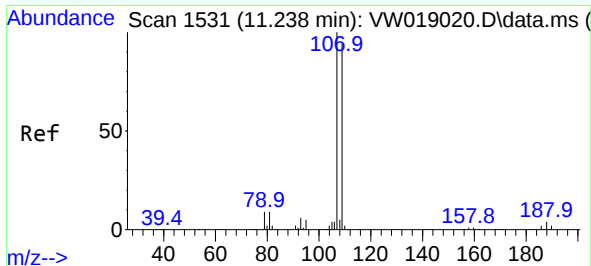
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 175.02 ug/l  
RT: 11.134 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 129 Resp: 629918  
Ion Ratio Lower Upper  
129 100  
127 80.1 38.2 114.6





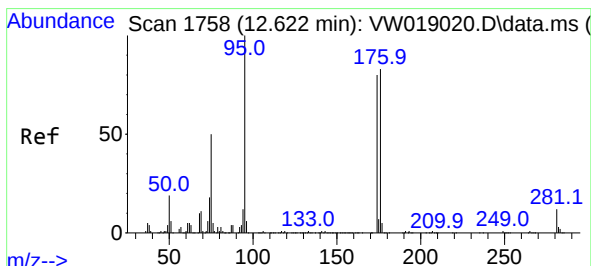
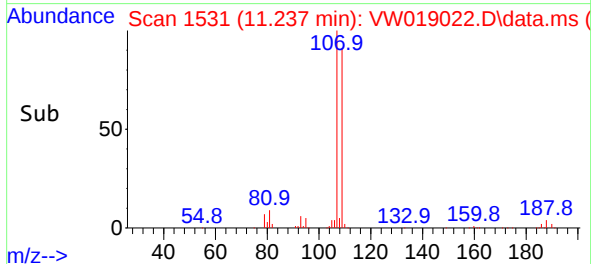
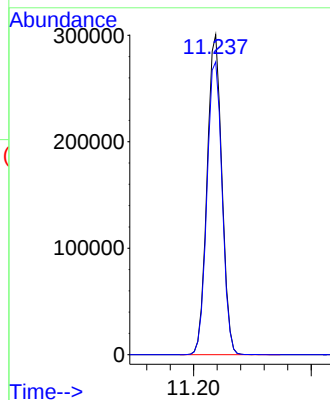
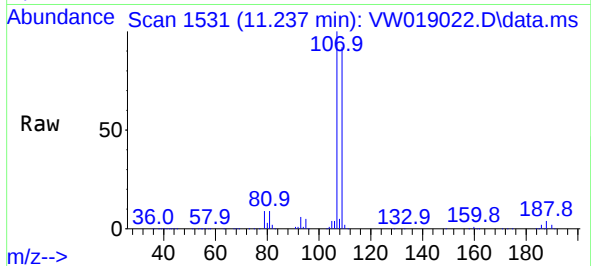
#61  
1,2-Dibromoethane  
Concen: 166.00 ug/l  
RT: 11.237 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion:107 Resp: 525491  
Ion Ratio Lower Upper  
107 100  
109 93.7 73.9 110.9

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

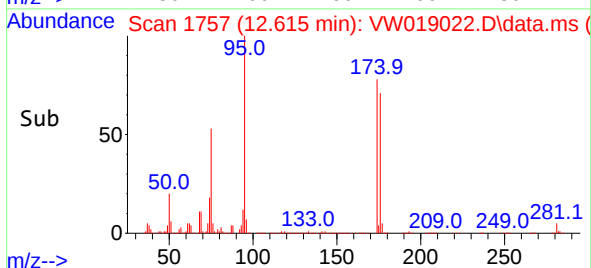
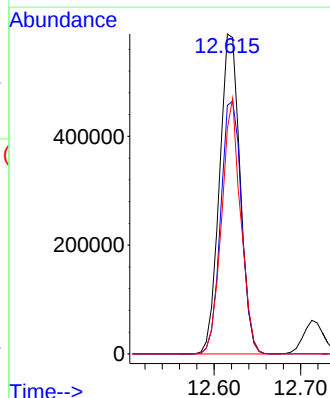
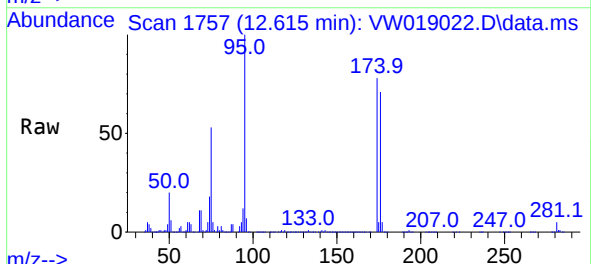
Manual Integrations  
APPROVED

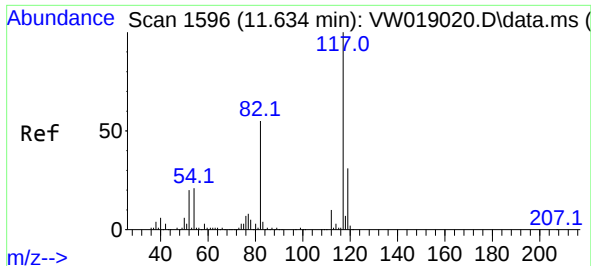
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#62  
4-Bromofluorobenzene  
Concen: 205.82 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

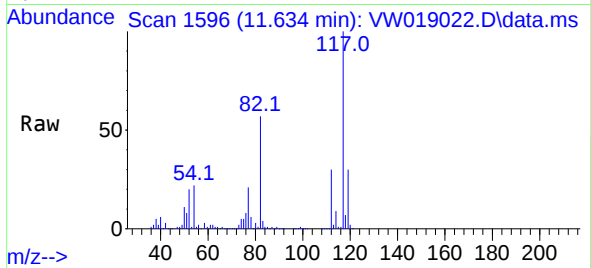
Tgt Ion: 95 Resp: 971162  
Ion Ratio Lower Upper  
95 100  
174 79.9 0.0 156.2  
176 73.9 0.0 160.8





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

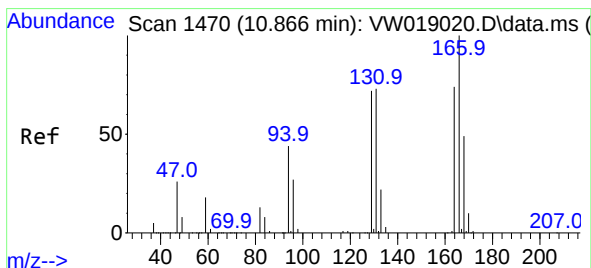
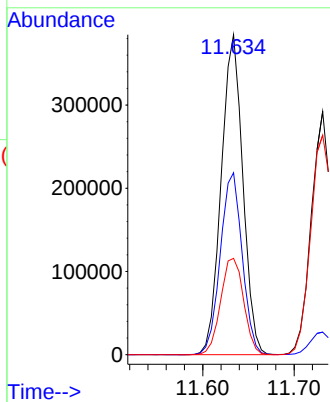
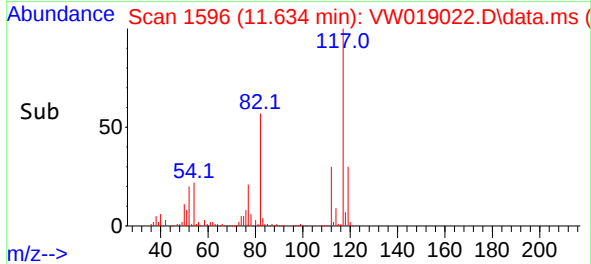
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



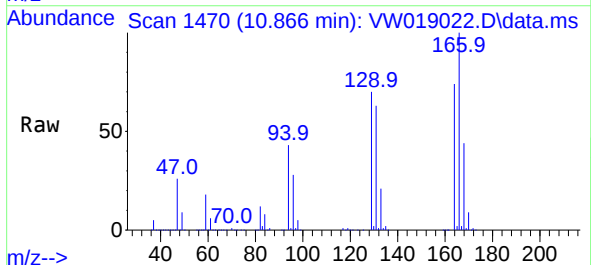
Tgt Ion:117 Resp: 631721  
Ion Ratio Lower Upper  
117 100  
82 56.8 44.4 66.6  
119 30.1 24.6 36.8

Manual Integrations  
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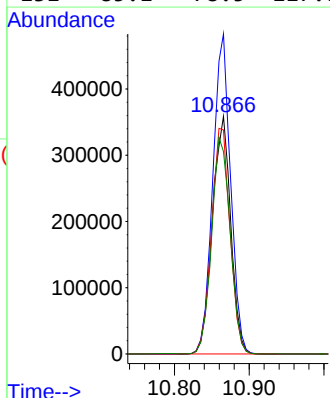
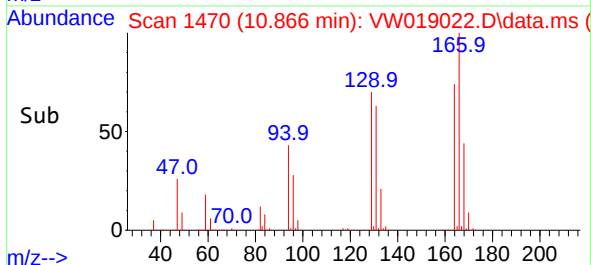
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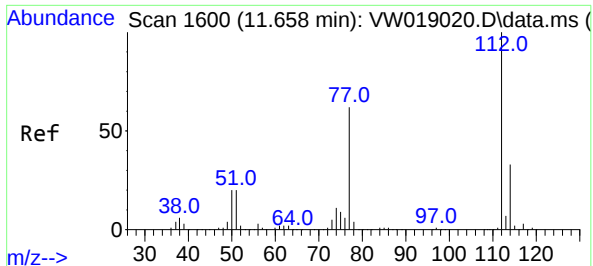


#64  
Tetrachloroethene  
Concen: 150.46 ug/l  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



Tgt Ion:164 Resp: 613569  
Ion Ratio Lower Upper  
164 100  
166 134.7 107.8 161.8  
129 94.3 77.3 115.9  
131 85.1 78.5 117.7





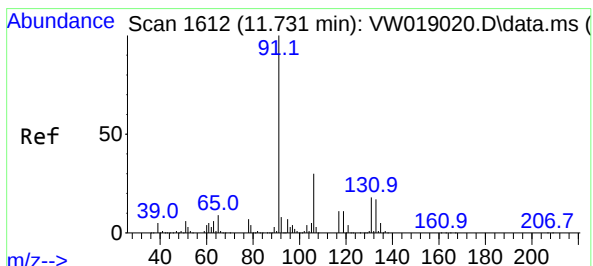
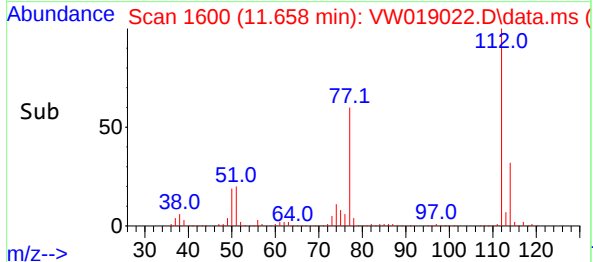
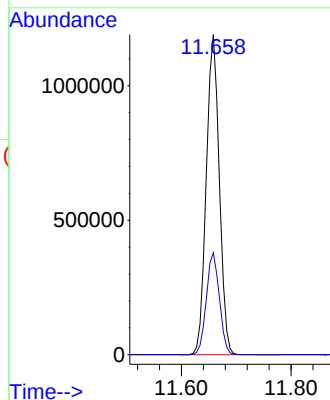
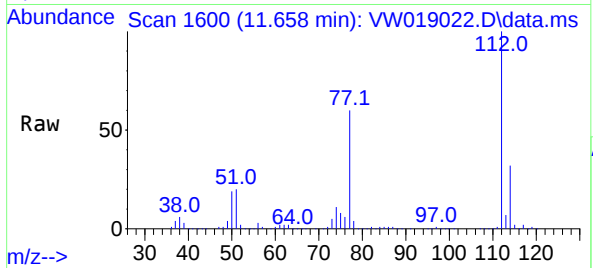
#65  
Chlorobenzene  
Concen: 153.06 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion:112 Resp: 1954105  
Ion Ratio Lower Upper  
112 100  
114 31.8 26.4 39.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

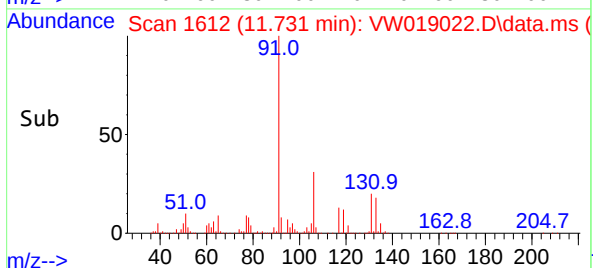
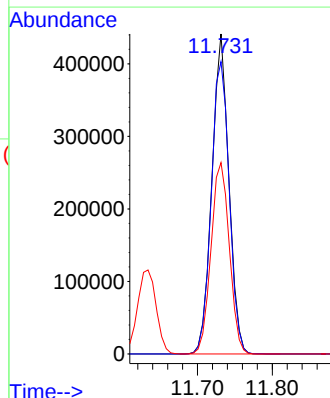
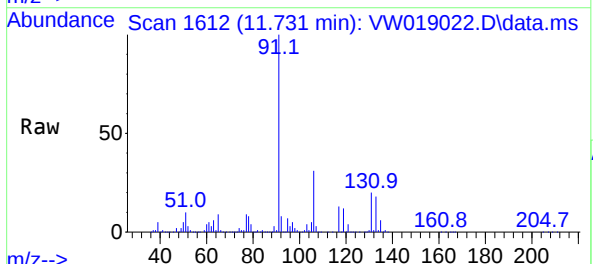
Manual Integrations  
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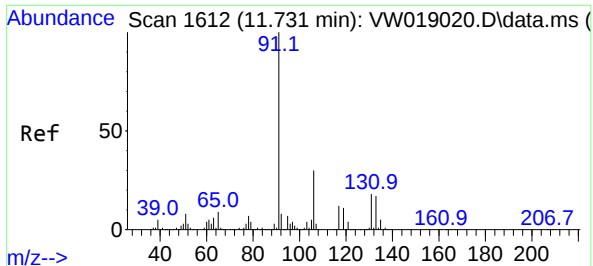
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 163.07 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion:131 Resp: 694185  
Ion Ratio Lower Upper  
131 100  
133 97.1 48.1 144.3  
119 64.7 33.1 99.2





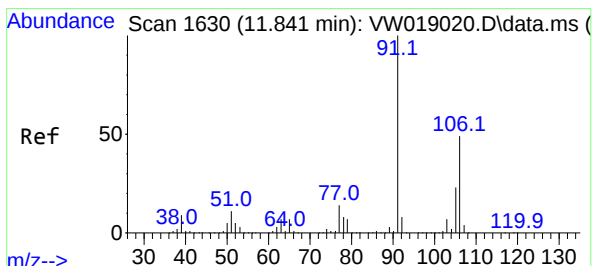
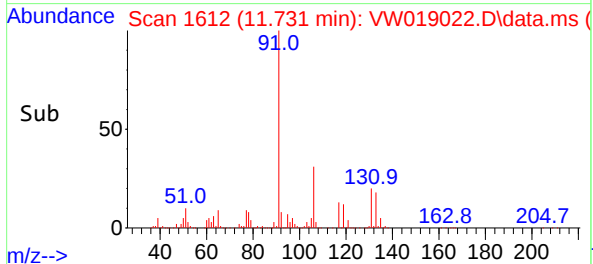
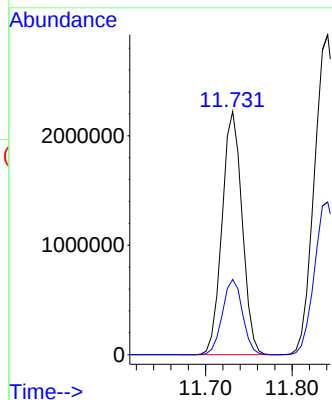
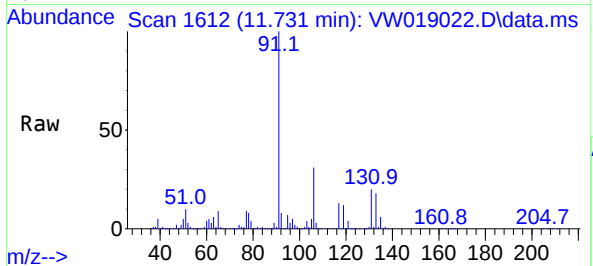
#67  
Ethyl Benzene  
Concen: 151.29 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 91 Resp: 3571970  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.0 36.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

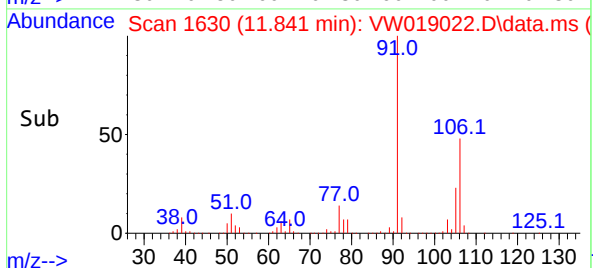
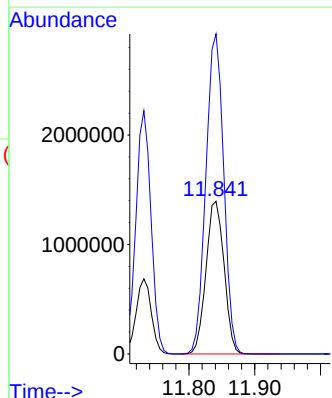
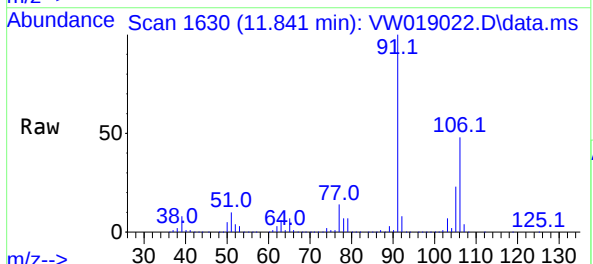
Manual Integrations  
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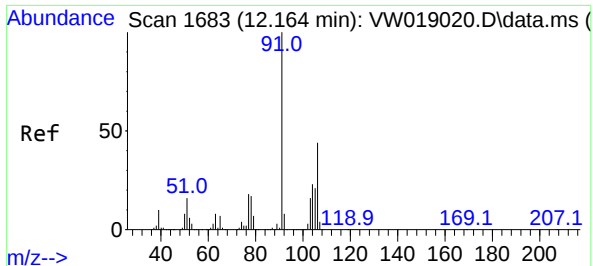
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#68  
m/p-Xylenes  
Concen: 300.44 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

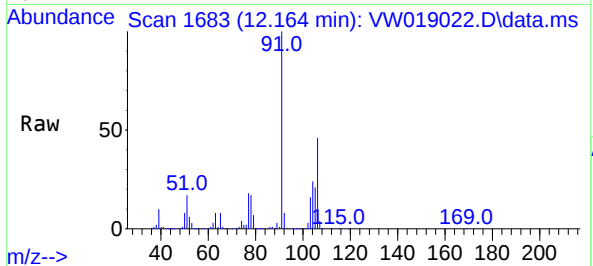
Tgt Ion: 106 Resp: 2665715  
Ion Ratio Lower Upper  
106 100  
91 206.8 164.2 246.2





#69  
o-Xylene  
Concen: 161.81 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

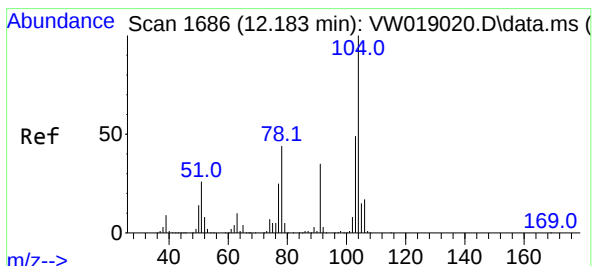
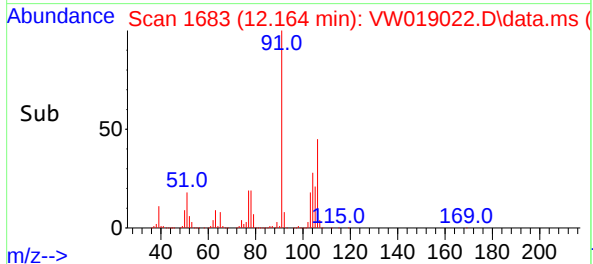
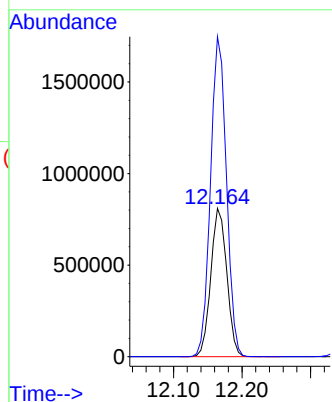
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



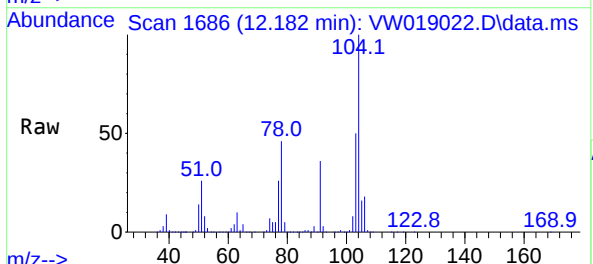
Tgt Ion:106 Resp: 1312015  
Ion Ratio Lower Upper  
106 100  
91 214.7 109.1 327.2

Manual Integrations  
APPROVED

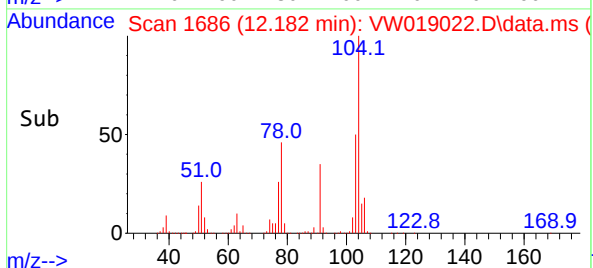
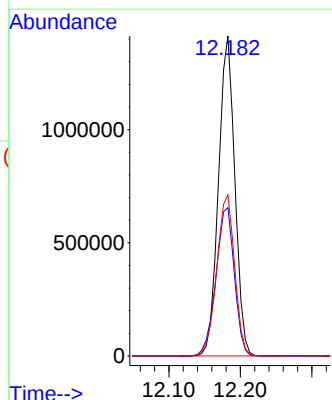
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5/20/2021 5:58:40 PM

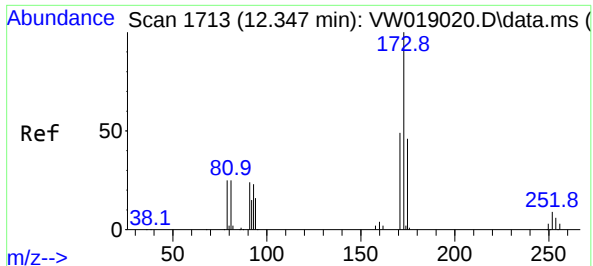


#70  
Styrene  
Concen: 163.81 ug/l  
RT: 12.182 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

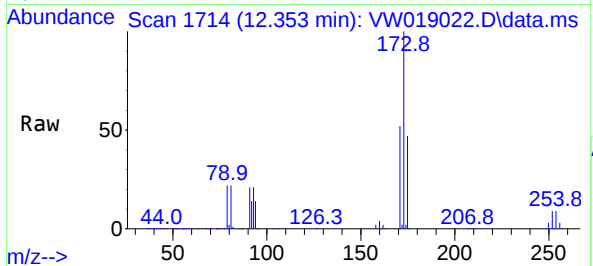


Tgt Ion:104 Resp: 2246727  
Ion Ratio Lower Upper  
104 100  
78 52.1 41.3 61.9  
103 55.0 44.1 66.1

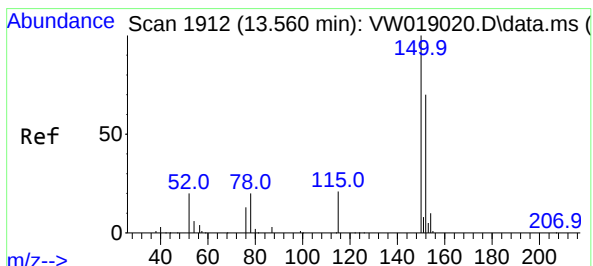
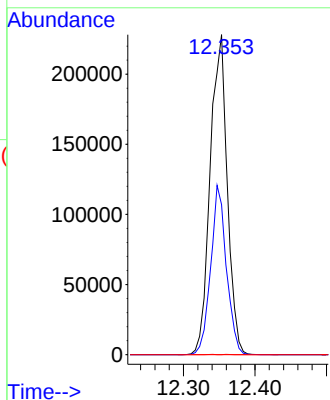
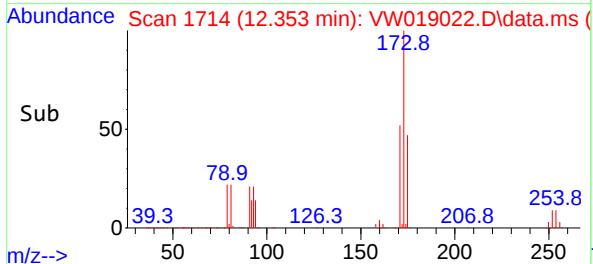




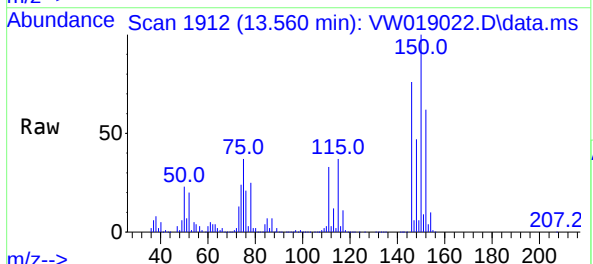
#71  
Bromoform  
Concen: 184.14 ug/l  
RT: 12.353 min Scan# 1714  
Delta R.T. 0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



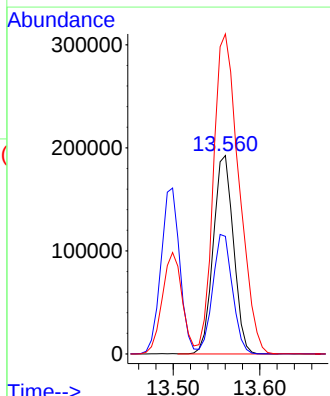
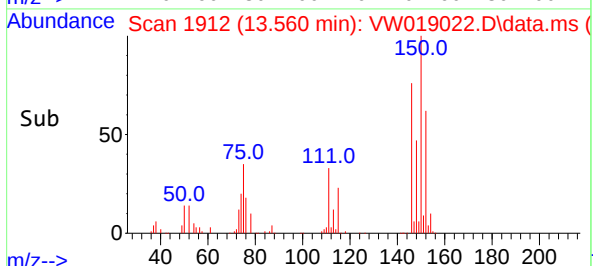
Tgt Ion:173 Resp: 378227  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.6 73.8  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



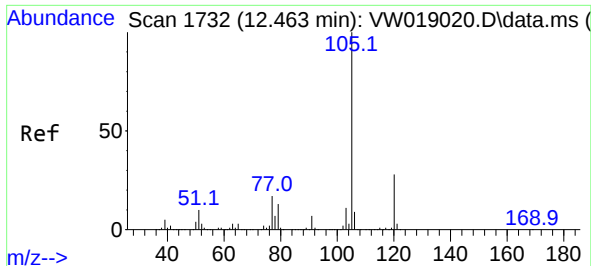
Tgt Ion:152 Resp: 311900  
Ion Ratio Lower Upper  
152 100  
115 58.6 30.3 90.8  
150 204.1 0.0 356.0



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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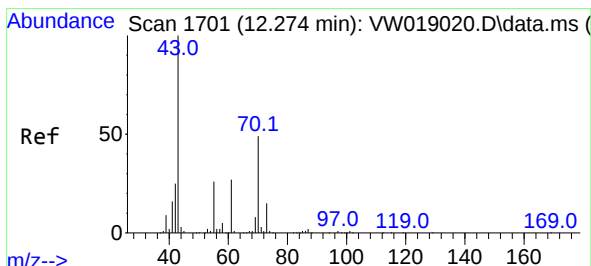
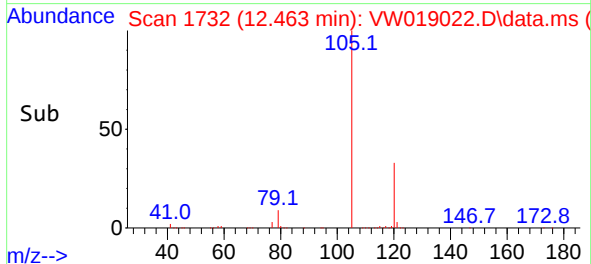
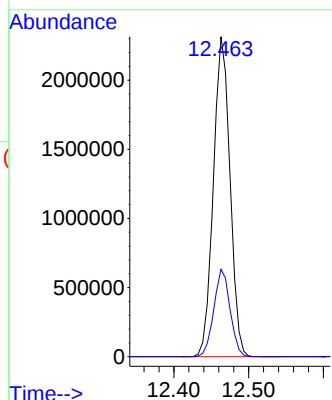
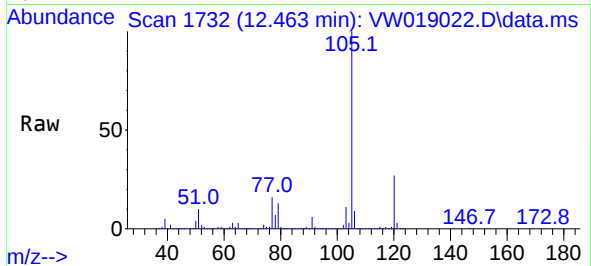
#73  
Isopropylbenzene  
Concen: 159.02 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Tgt Ion:105 Resp: 3573717  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.2 39.5

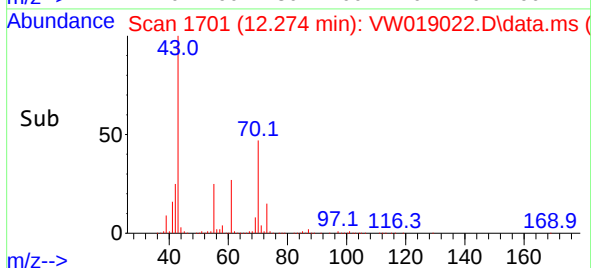
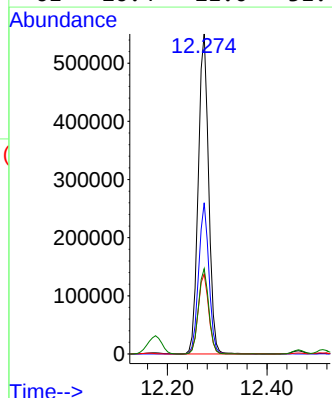
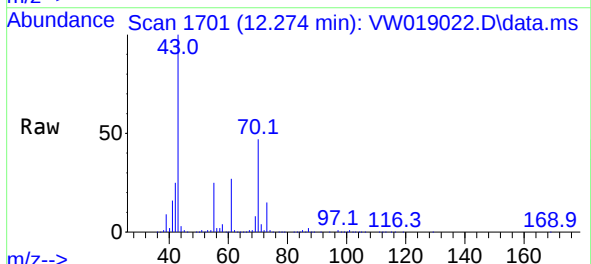
Manual Integrations  
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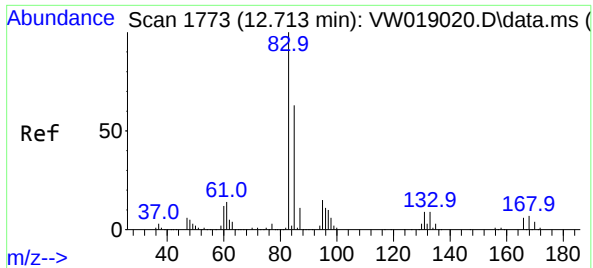
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#74  
N-ethyl acetate  
Concen: 177.46 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 43 Resp: 794529  
Ion Ratio Lower Upper  
43 100  
70 46.7 38.4 57.6  
55 25.3 21.6 32.4  
61 26.4 21.0 31.4





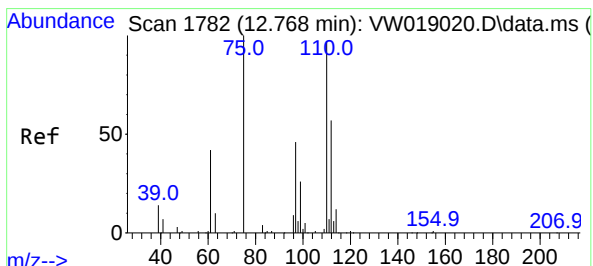
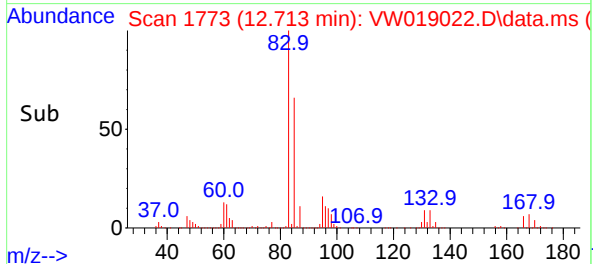
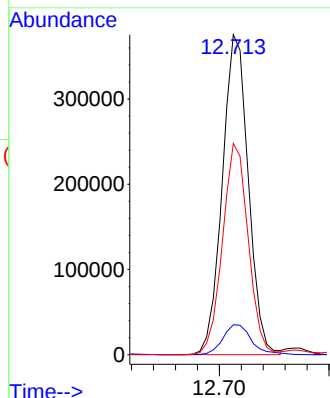
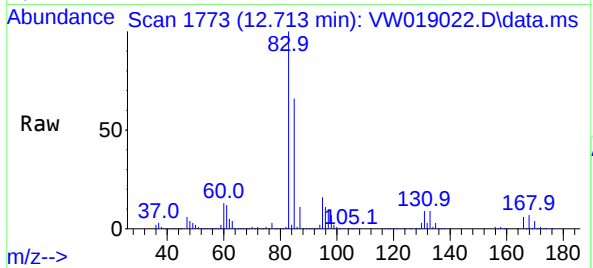
#75  
1,1,2,2-Tetrachloroethane  
Concen: 151.36 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Tgt Ion: 83 Resp: 619258  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.1 15.2  
85 65.1 31.6 94.8

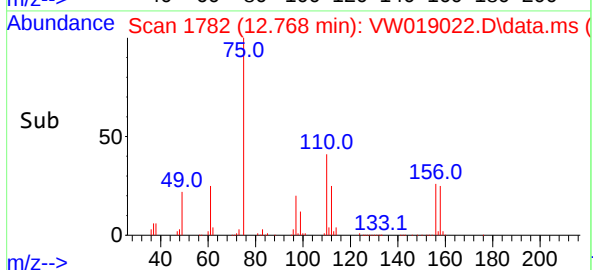
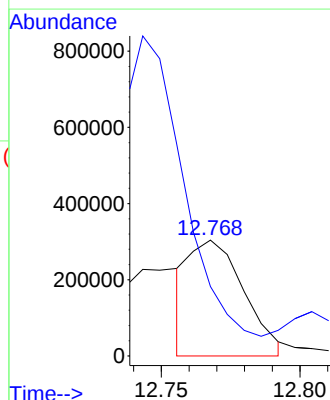
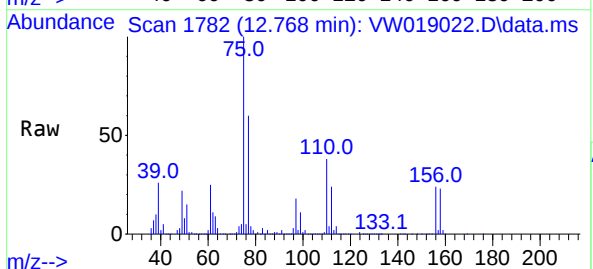
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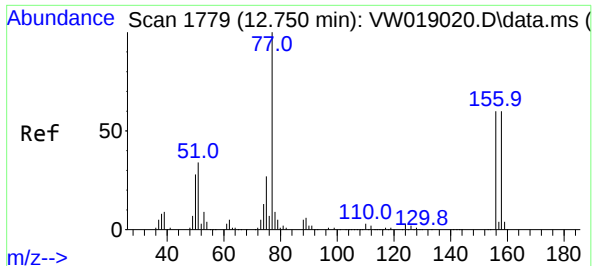
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#76  
1,2,3-Trichloropropane  
Concen: 145.05 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 75 Resp: 415935  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





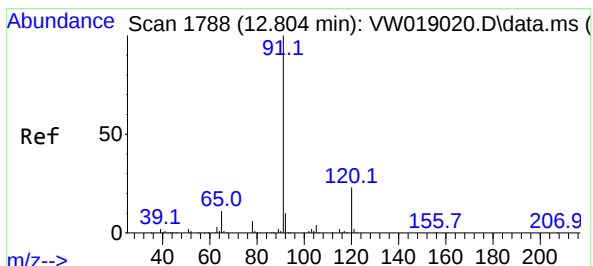
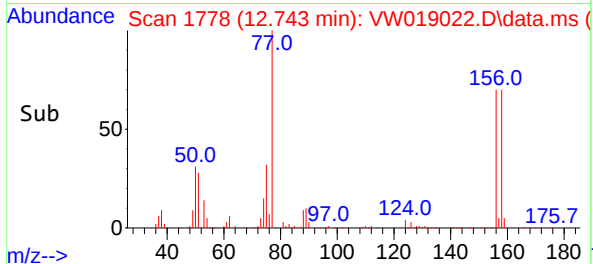
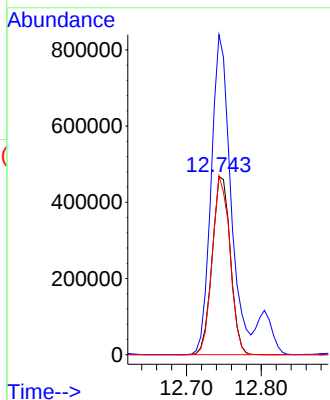
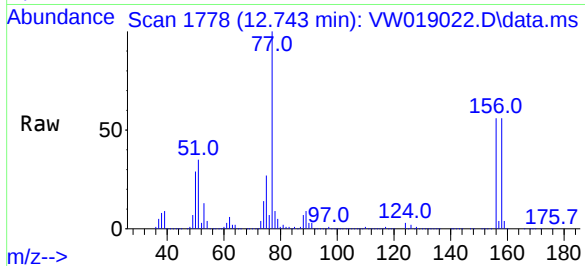
#77  
Bromobenzene  
Concen: 159.55 ug/l  
RT: 12.743 min Scan# 1778  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion:156 Resp: 792191  
Ion Ratio Lower Upper  
156 100  
77 192.4 96.7 290.0  
158 97.1 48.4 145.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

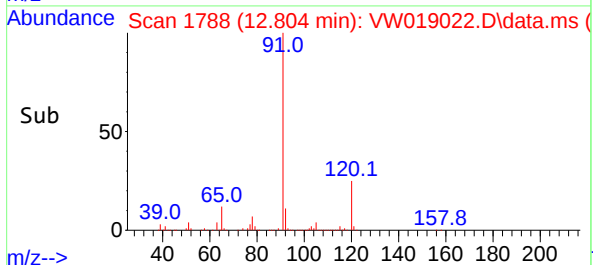
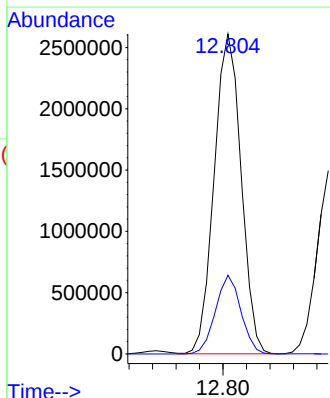
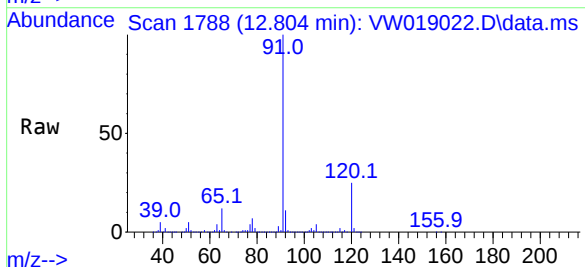
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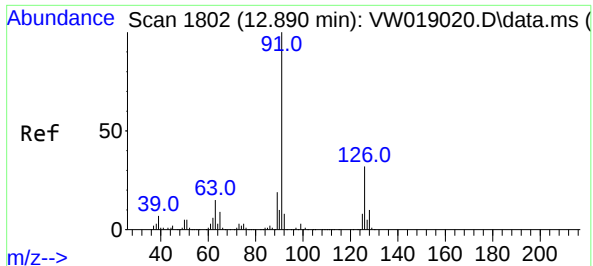
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#78  
n-propylbenzene  
Concen: 147.99 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 91 Resp: 4149415  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.1 33.3





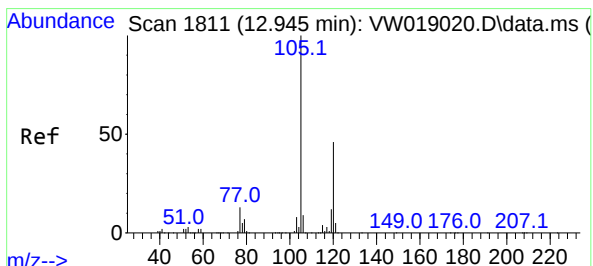
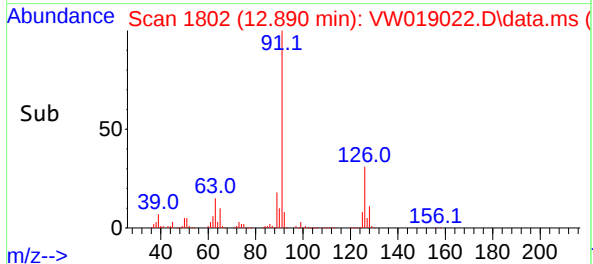
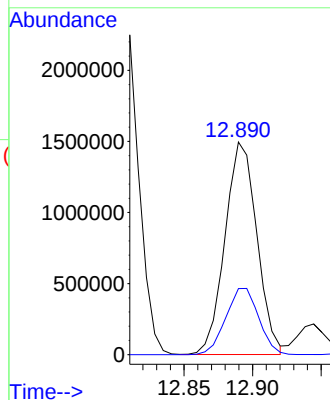
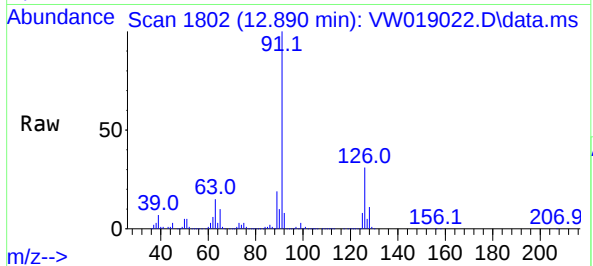
#79  
2-Chlorotoluene  
Concen: 153.03 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion: 91 Resp: 2422574  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.5 49.5

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

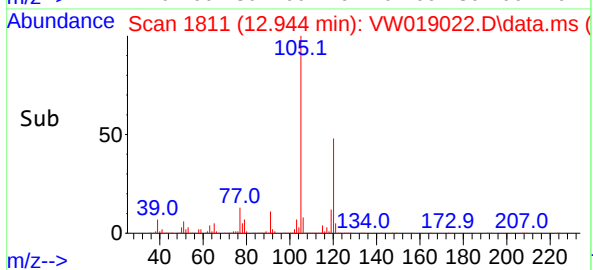
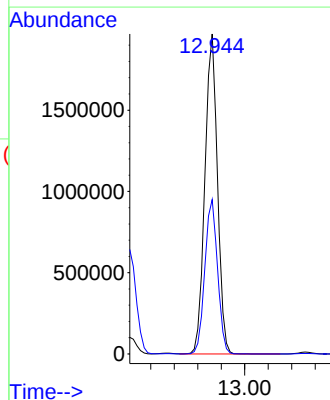
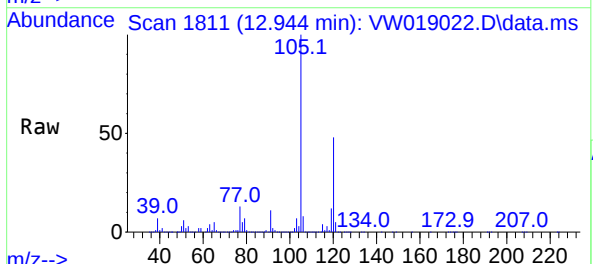
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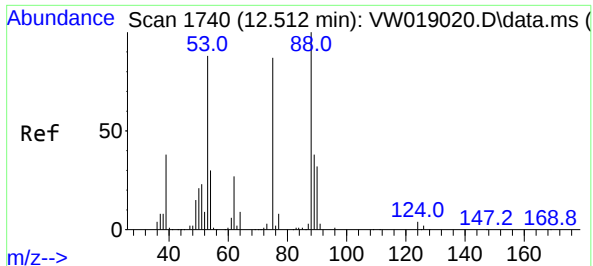
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#80  
1,3,5-Trimethylbenzene  
Concen: 151.60 ug/l  
RT: 12.944 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

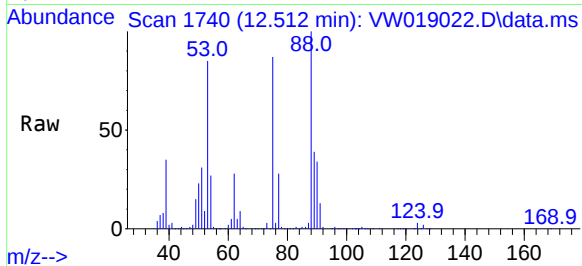
Tgt Ion:105 Resp: 2926374  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.1 72.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 190.73 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

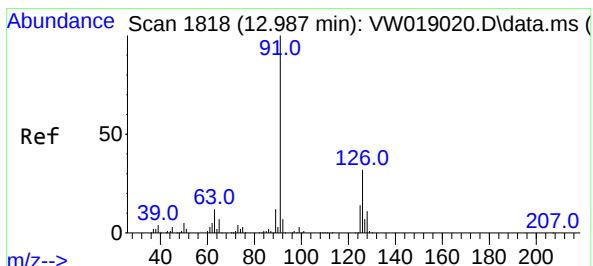
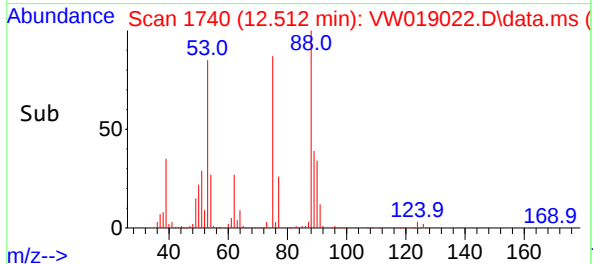
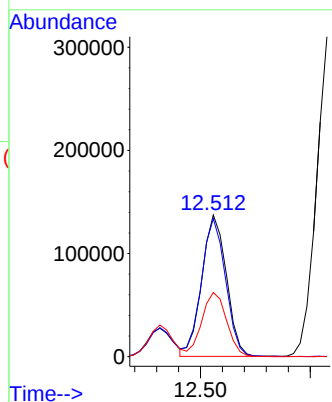
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



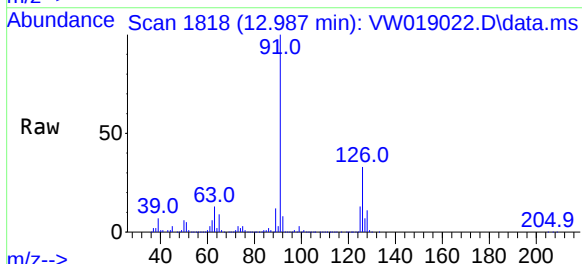
Tgt Ion: 75 Resp: 213212  
Ion Ratio Lower Upper  
75 100  
53 96.5 81.5 122.3  
89 45.8 36.3 54.5

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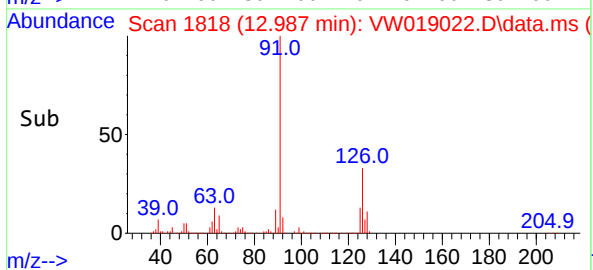
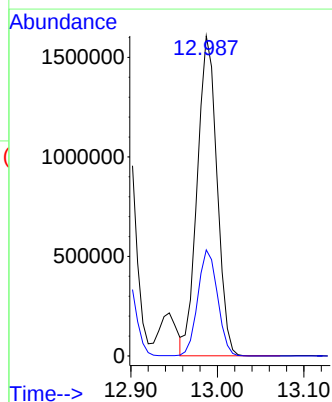
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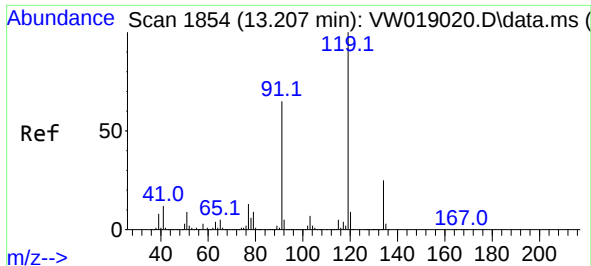


#82  
4-Chlorotoluene  
Concen: 150.79 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

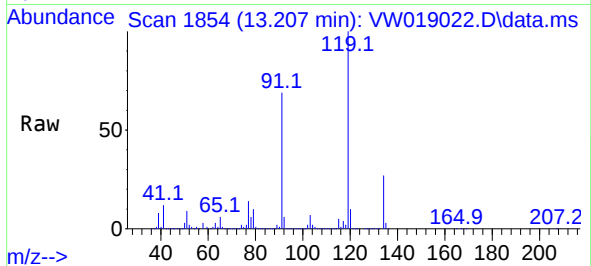


Tgt Ion: 91 Resp: 2538834  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.1 48.2

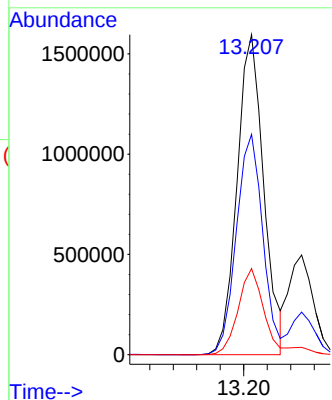




#83  
tert-Butylbenzene  
Concen: 156.26 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



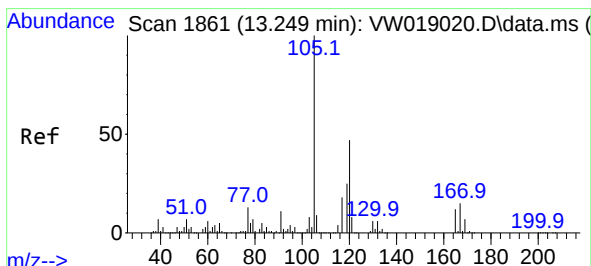
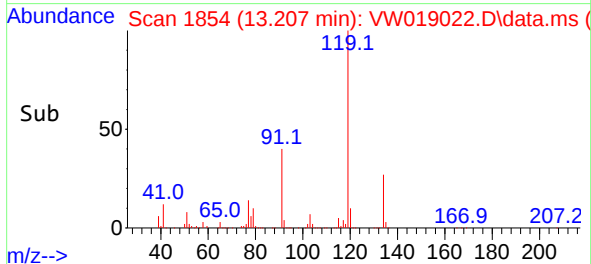
Tgt Ion:119 Resp: 2519609  
Ion Ratio Lower Upper  
119 100  
91 68.3 34.0 102.0  
134 27.5 13.0 38.9



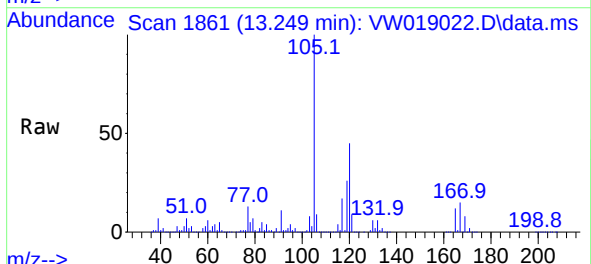
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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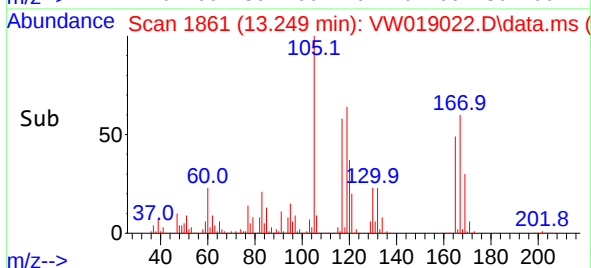
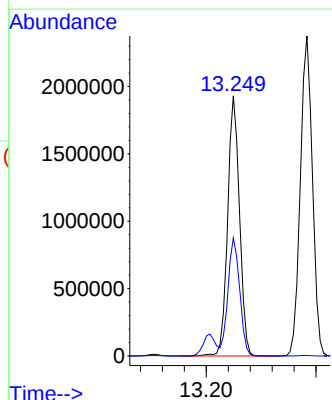
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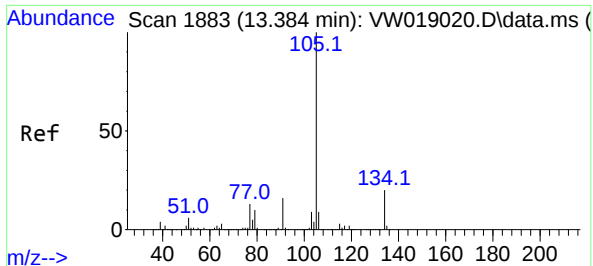


#84  
1,2,4-Trimethylbenzene  
Concen: 151.54 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



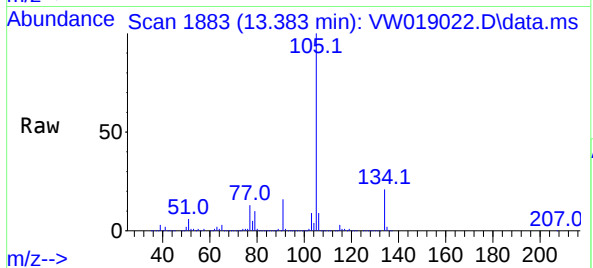
Tgt Ion:105 Resp: 2907927  
Ion Ratio Lower Upper  
105 100  
120 44.8 22.4 67.0





#85  
 sec-Butylbenzene  
 Concen: 149.43 ug/l  
 RT: 13.383 min Scan# 1883  
 Delta R.T. -0.000 min  
 Lab File: VW019022.D  
 Acq: 18 May 2021 15:54

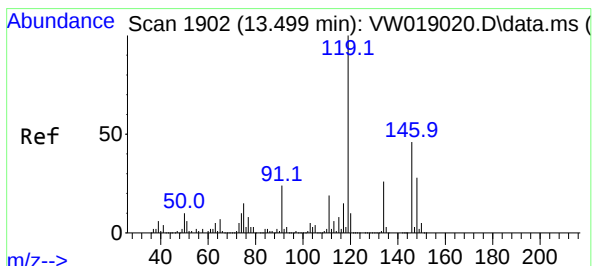
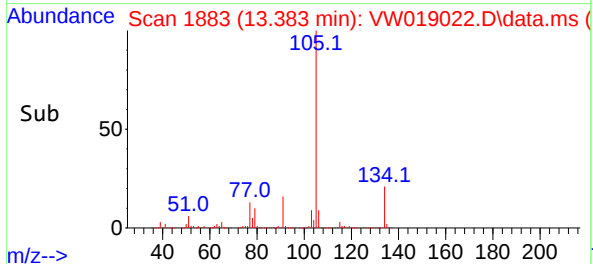
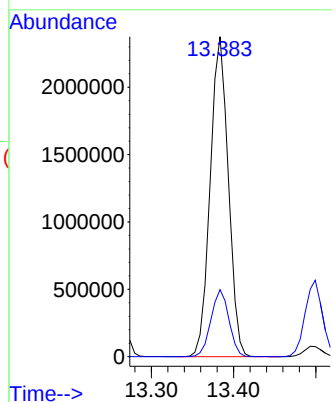
Instrument :  
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 ClientSampleId :  
 VSTDIC150



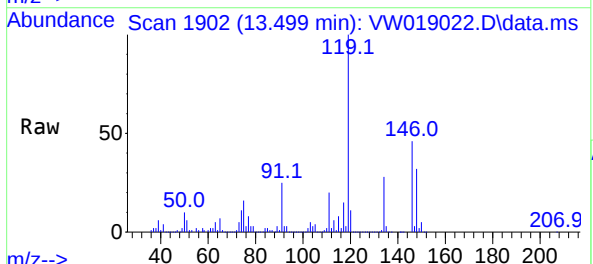
Tgt Ion:105 Resp: 3623343  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.1 30.1

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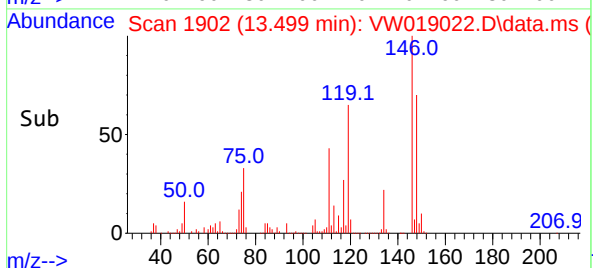
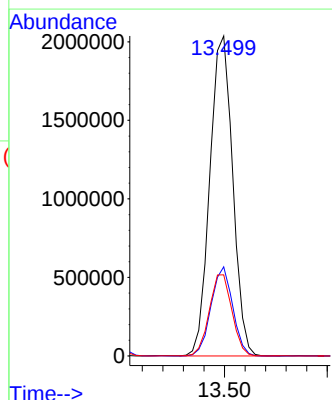
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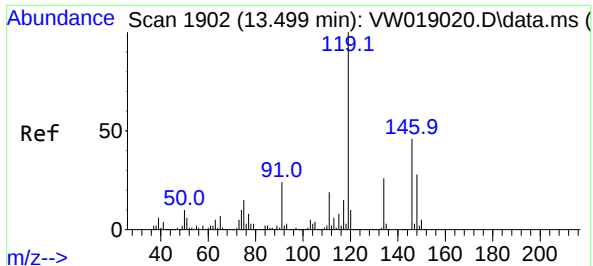


#86  
 p-Isopropyltoluene  
 Concen: 150.63 ug/l  
 RT: 13.499 min Scan# 1902  
 Delta R.T. -0.000 min  
 Lab File: VW019022.D  
 Acq: 18 May 2021 15:54



Tgt Ion:119 Resp: 3143413  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 12.8 38.3  
 91 25.2 12.1 36.3





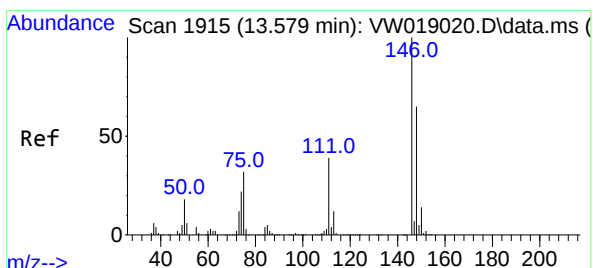
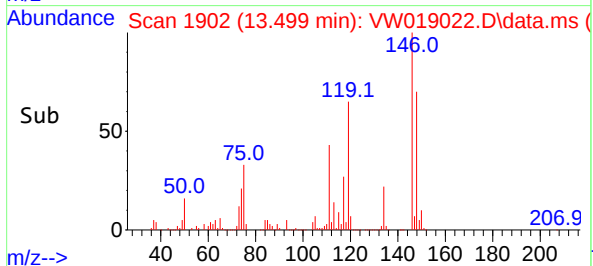
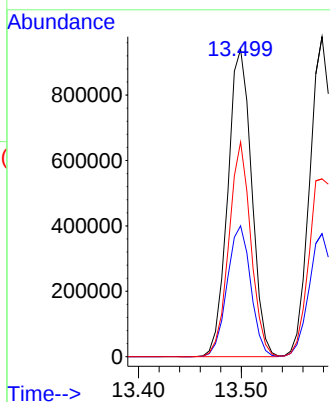
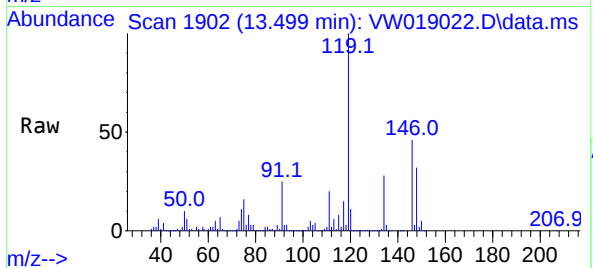
#87  
1,3-Dichlorobenzene  
Concen: 147.64 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion:146 Resp: 1516884  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.7 62.1  
148 64.4 31.8 95.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

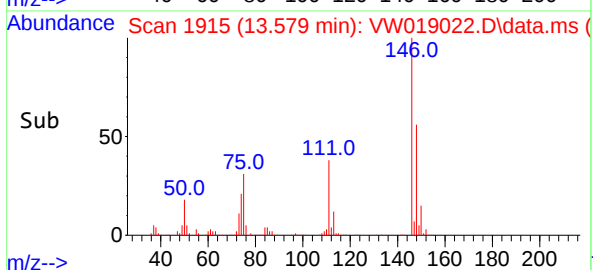
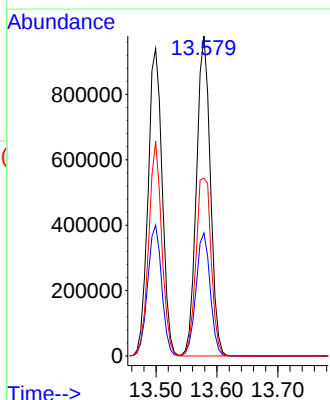
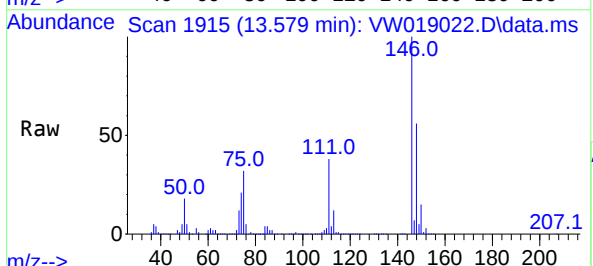
Manual Integrations  
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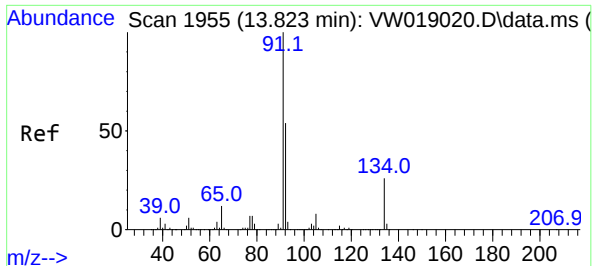
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#88  
1,4-Dichlorobenzene  
Concen: 152.20 ug/l  
RT: 13.579 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

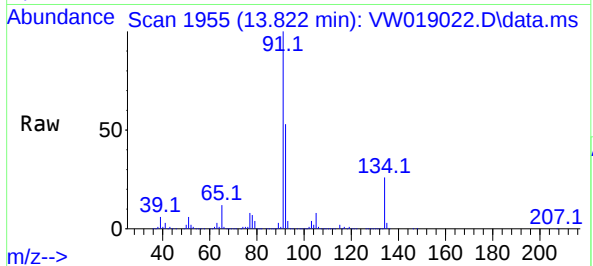
Tgt Ion:146 Resp: 1544091  
Ion Ratio Lower Upper  
146 100  
111 39.1 20.1 60.3  
148 61.2 32.4 97.2





#89  
n-Butylbenzene  
Concen: 149.91 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

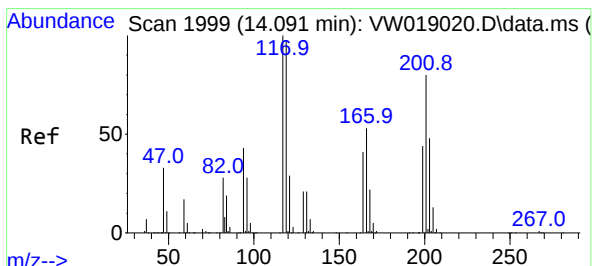
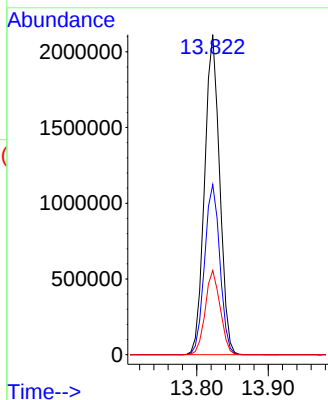
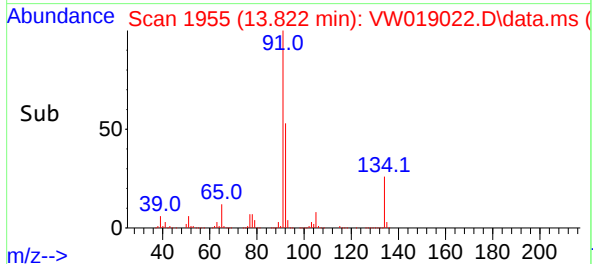
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



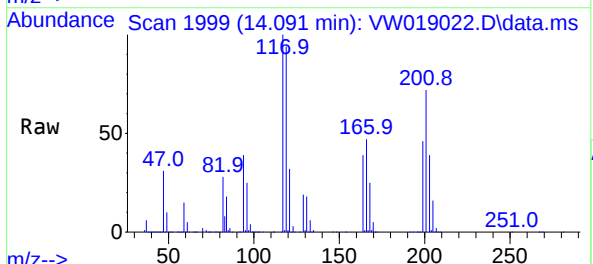
Tgt Ion: 91 Resp: 3095265  
Ion Ratio Lower Upper  
91 100  
92 53.9 26.6 79.8  
134 26.1 12.7 38.0

Manual Integrations  
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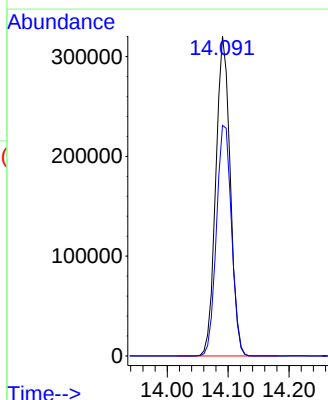
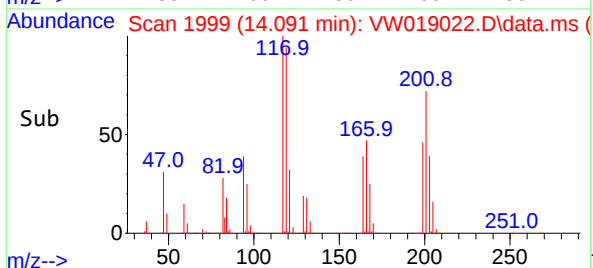
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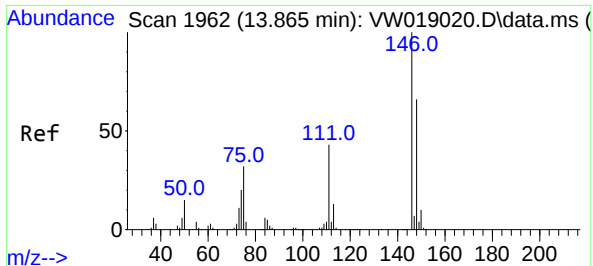


#90  
Hexachloroethane  
Concen: 165.14 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



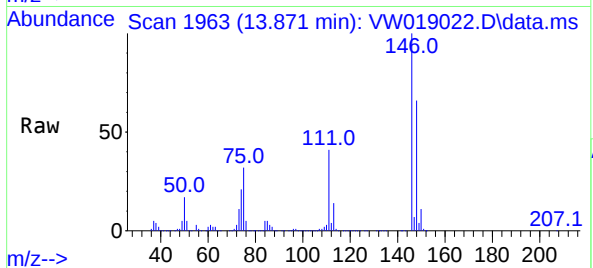
Tgt Ion: 117 Resp: 526172  
Ion Ratio Lower Upper  
117 100  
201 75.7 38.4 115.2





#91  
1,2-Dichlorobenzene  
Concen: 146.81 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

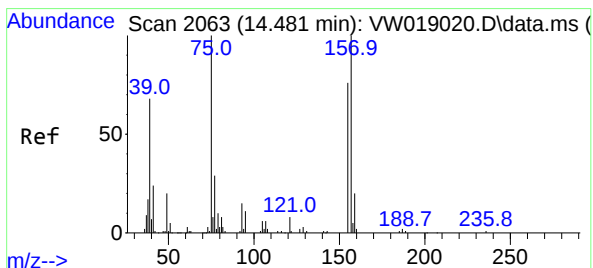
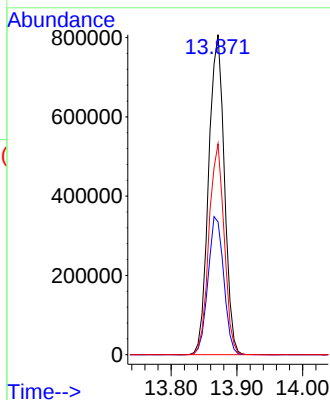
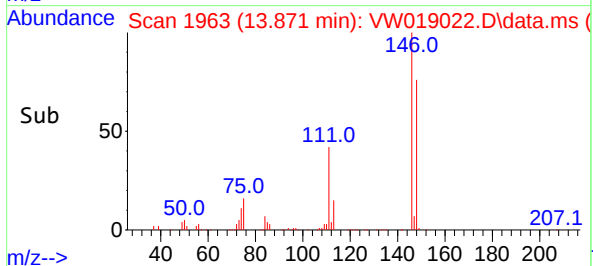
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



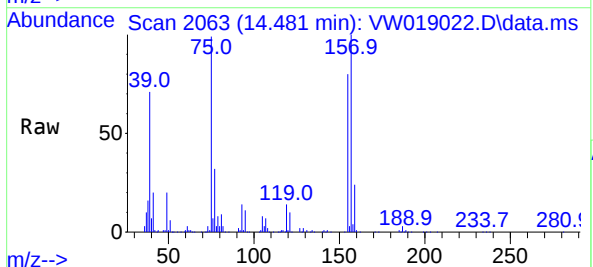
Tgt Ion:146 Resp: 1340218  
Ion Ratio Lower Upper  
146 100  
111 43.2 21.1 63.1  
148 64.0 32.6 97.7

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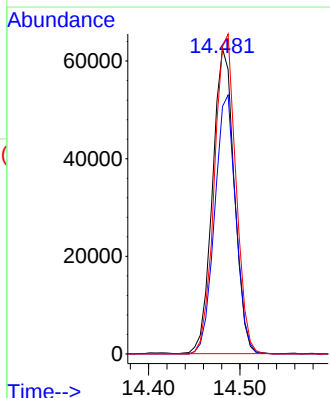
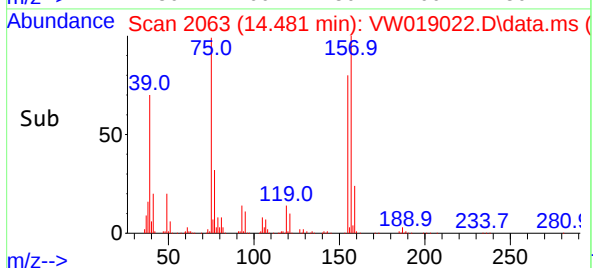
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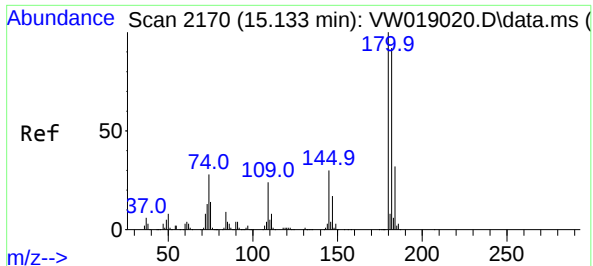


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 162.60 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



Tgt Ion: 75 Resp: 103650  
Ion Ratio Lower Upper  
75 100  
155 82.4 41.3 124.1  
157 103.4 51.2 153.6





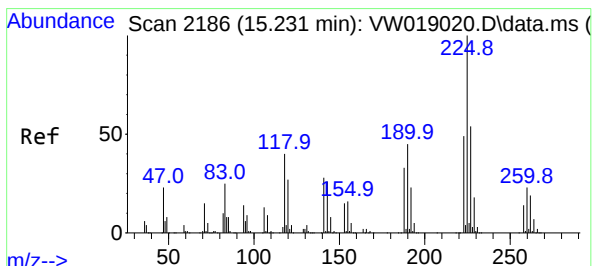
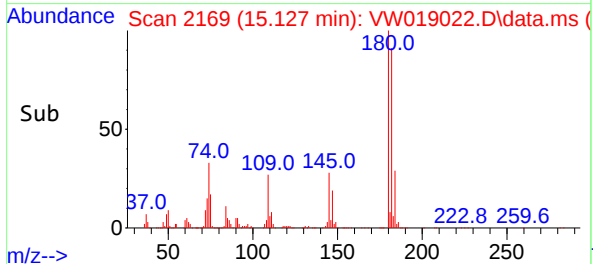
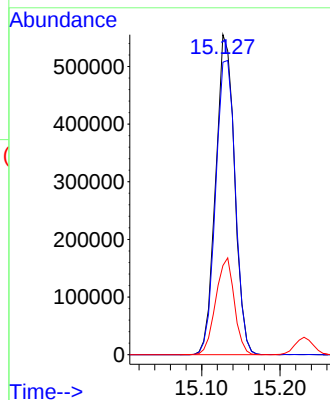
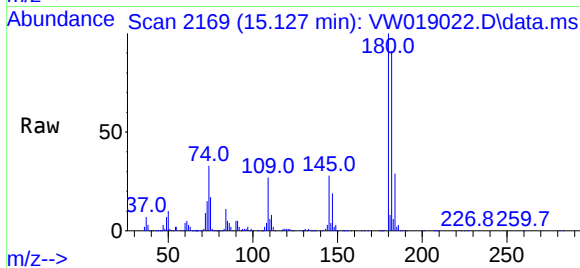
#93  
1,2,4-Trichlorobenzene  
Concen: 153.86 ug/l  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

Tgt Ion:180 Resp: 930364  
Ion Ratio Lower Upper  
180 100  
182 95.9 48.9 146.7  
145 29.9 15.4 46.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

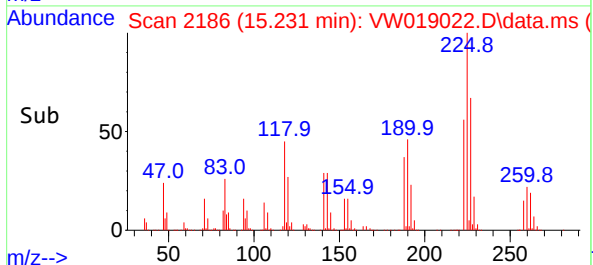
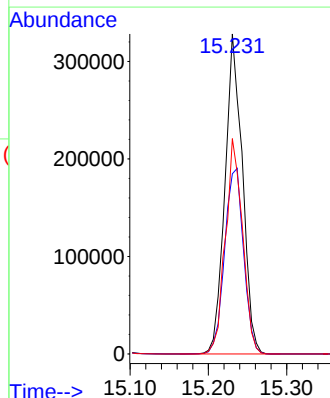
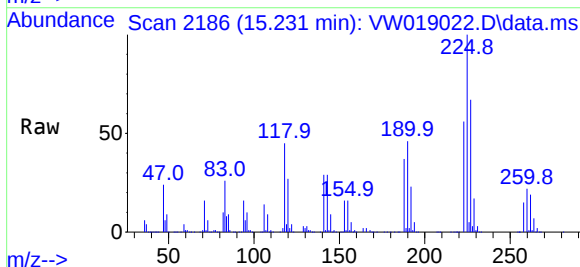
Manual Integrations  
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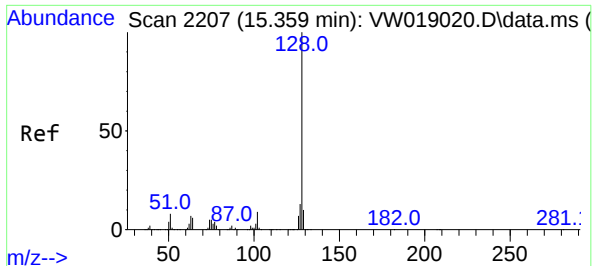
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#94  
Hexachlorobutadiene  
Concen: 143.20 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

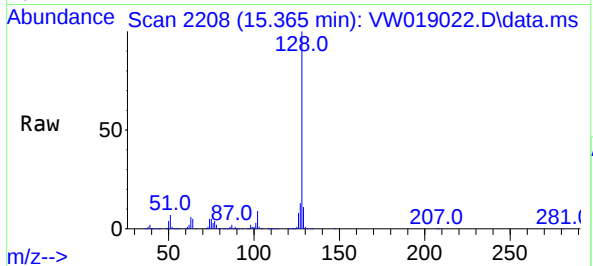
Tgt Ion:225 Resp: 508143  
Ion Ratio Lower Upper  
225 100  
223 63.2 29.6 88.8  
227 66.4 30.4 91.3





#95  
Naphthalene  
Concen: 162.57 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.006 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54

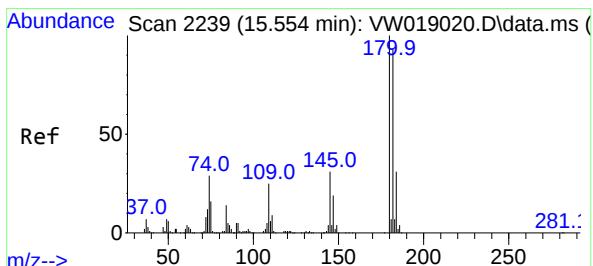
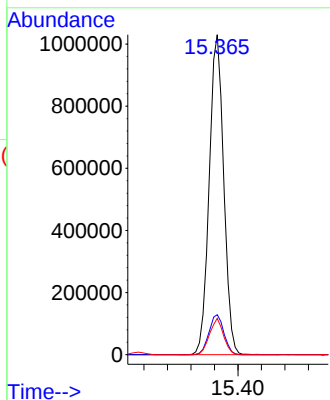
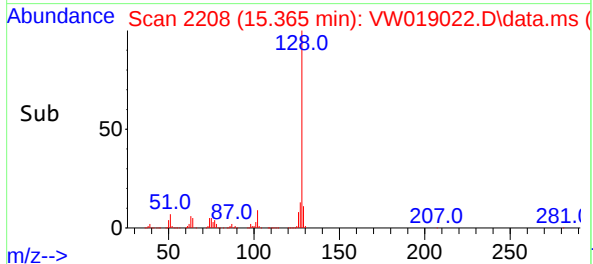
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



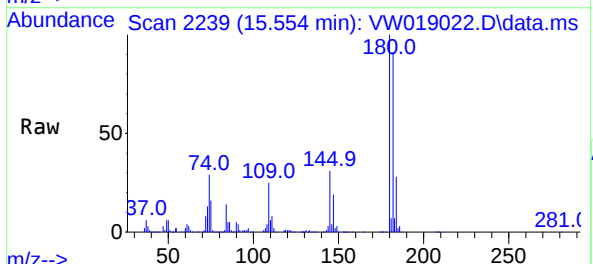
Tgt Ion:128 Resp: 1762662  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.4 15.6  
129 11.0 8.5 12.7

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 153.84 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW019022.D  
Acq: 18 May 2021 15:54



Tgt Ion:180 Resp: 806097  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.4 142.3  
145 32.6 16.1 48.2

