

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090921\  
 Data File : VW020006.D  
 Acq On : 09 Sep 2021 17:14  
 Operator : SY/VA  
 Sample : VW0909SBS01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0909SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/10/2021 6:38:35 PM

Quant Time: Sep 10 03:47:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W090721S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 08 12:18:21 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.952  | 168   | 173893   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.848  | 114   | 300285   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.634 | 117   | 275562   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.560 | 152   | 143663   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.311  | 65    | 121580   | 60.227   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 120.460% |
| 35) Dibromofluoromethane     | 7.884  | 113   | 108720   | 55.133   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 110.260% |
| 50) Toluene-d8               | 10.323 | 98    | 417367   | 56.937   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 113.880% |
| 62) 4-Bromofluorobenzene     | 12.621 | 95    | 151474   | 55.847   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 111.700% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.014  | 85    | 20584    | 19.492   | ug/l   | 97       |
| 3) Chloromethane             | 2.221  | 50    | 33007    | 20.997   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.367  | 62    | 56424    | 22.137   | ug/l   | 98       |
| 5) Bromomethane              | 2.782  | 94    | 45852    | 22.189   | ug/l   | 96       |
| 6) Chloroethane              | 2.928  | 64    | 38793    | 22.094   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.263  | 101   | 30593    | 20.978   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.684  | 74    | 20765    | 23.253   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.068  | 101   | 41849    | 21.978   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.281  | 142   | 58375    | 22.385   | ug/l   | 100      |
| 11) Tert butyl alcohol       | 5.165  | 59    | 17050    | 176.456  | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 4.050  | 96    | 39746    | 22.152   | ug/l   | 94       |
| 13) Acrolein                 | 3.897  | 56    | 8691     | 118.042  | ug/l   | 98       |
| 14) Allyl chloride           | 4.672  | 41    | 55052    | 22.560   | ug/l   | 99       |
| 15) Acrylonitrile            | 5.367  | 53    | 47136    | 126.668  | ug/l   | 100      |
| 16) Acetone                  | 4.123  | 43    | 39333    | 121.309  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.391  | 76    | 118891   | 21.775   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.678  | 43    | 24317    | 26.417   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.428  | 73    | 56562    | 23.894   | ug/l   | 100      |
| 20) Methylene Chloride       | 4.922  | 84    | 51474    | 22.837   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 5.434  | 96    | 46568    | 22.851   | ug/l   | 99       |
| 22) Diisopropyl ether        | 6.318  | 45    | 119308   | 23.073   | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.257  | 43    | 326281   | 113.234  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.220  | 63    | 83053    | 22.682   | ug/l   | 96       |
| 25) 2-Butanone               | 7.171  | 43    | 59283    | 127.530  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.171  | 77    | 47890    | 21.629   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.171  | 96    | 49958    | 22.955   | ug/l   | 99       |
| 28) Bromochloromethane       | 7.513  | 49    | 31628    | 21.762   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.531  | 42    | 37659    | 130.215  | ug/l   | 99       |
| 30) Chloroform               | 7.683  | 83    | 86115    | 22.319   | ug/l   | 98       |
| 31) Cyclohexane              | 7.958  | 56    | 73103    | 22.214   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 7.878  | 97    | 69752    | 22.341   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.086  | 75    | 66219    | 20.963   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.257  | 43    | 28832    | 24.825   | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 8.073  | 117   | 66287    | 20.579   | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.335  | 83    | 75723    | 20.684   | ug/l   | 96       |
| 40) Benzene                  | 8.329  | 78    | 187598   | 21.559   | ug/l   | 98       |

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 Sample : VW0909SBS01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

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 9/10/2021 6:38:35 PM

Quant Time: Sep 10 03:47:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W090721S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 08 12:18:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.488  | 41   | 14770    | 22.975  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 57299    | 21.446  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.427  | 43   | 49717    | 22.555  | ug/l   | 99       |
| 44) Trichloroethene           | 9.098  | 130  | 48593    | 21.283  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.372  | 63   | 45809    | 21.651  | ug/l   | 95       |
| 46) Dibromomethane            | 9.463  | 93   | 26049    | 21.824  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.646  | 83   | 62376    | 20.975  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.439  | 41   | 21298    | 22.495  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.445  | 88   | 7039     | 447.834 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.213 | 43   | 134897   | 118.029 | ug/l   | 99       |
| 52) Toluene                   | 10.390 | 92   | 119794   | 21.746  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.610 | 75   | 59177    | 20.744  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 69285    | 20.862  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 34134    | 21.101  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 39876    | 21.513  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 60488    | 21.796  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 99037    | 119.899 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.969 | 43   | 90338    | 118.275 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.128 | 129  | 39857    | 21.284  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 32838    | 21.680  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.866 | 164  | 39621    | 20.722  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.658 | 112  | 127369   | 21.505  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 45369    | 21.494  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.731 | 91   | 222829   | 21.325  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.841 | 106  | 175877   | 42.650  | ug/l   | 96       |
| 69) o-Xylene                  | 12.170 | 106  | 79327    | 20.080  | ug/l   | 99       |
| 70) Styrene                   | 12.182 | 104  | 138305   | 20.578  | ug/l   | 99       |
| 71) Bromoform                 | 12.353 | 173  | 20584    | 19.807  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.463 | 105  | 214715   | 20.321  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.274 | 43   | 45572    | 21.460  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 42498    | 22.767  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 28471m   | 21.335  | ug/l   |          |
| 77) Bromobenzene              | 12.749 | 156  | 49587    | 21.029  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.804 | 91   | 274577   | 20.437  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 159557   | 21.416  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 191515   | 20.327  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 11715    | 20.919  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 166849   | 21.302  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 158104   | 20.320  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 189664   | 20.544  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.383 | 105  | 247394   | 20.564  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.499 | 119  | 199996   | 19.812  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 105535   | 21.108  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 104211   | 21.002  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.822 | 91   | 193997   | 20.074  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.091 | 117  | 37638    | 20.527  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.865 | 146  | 92748    | 21.358  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 6647     | 21.702  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 54616    | 20.628  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 31838    | 20.246  | ug/l   | 94       |
| 95) Naphthalene               | 15.365 | 128  | 100023   | 20.870  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 48265    | 20.797  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090921\  
 Data File : VW020006.D  
 Acq On : 09 Sep 2021 17:14  
 Operator : SY/VA  
 Sample : VW0909SBSD01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0909SBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 9/10/2021 6:38:35 PM

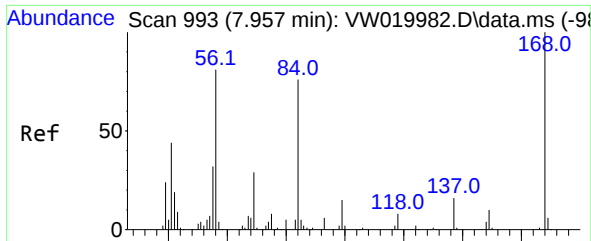
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 Quant Title : SW846 8260  
 QLast Update : Wed Sep 08 12:18:21 2021  
 Response via : Initial Calibration

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

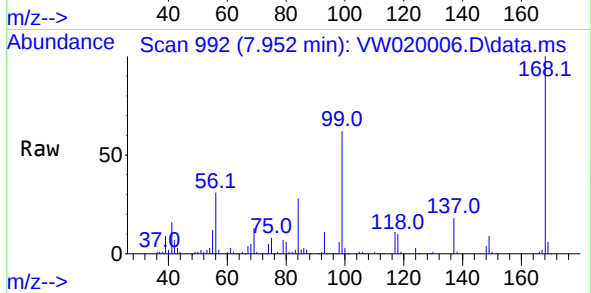
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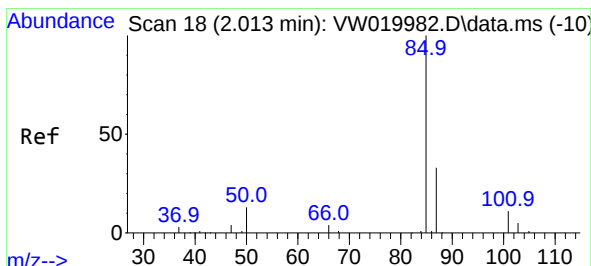
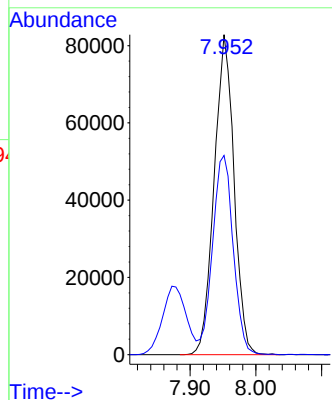
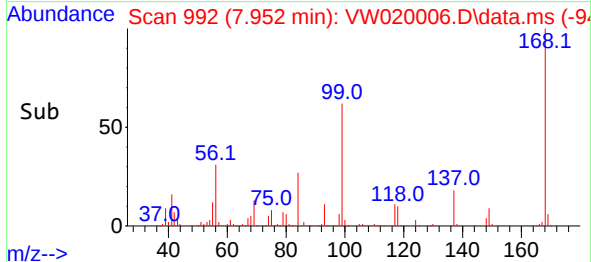




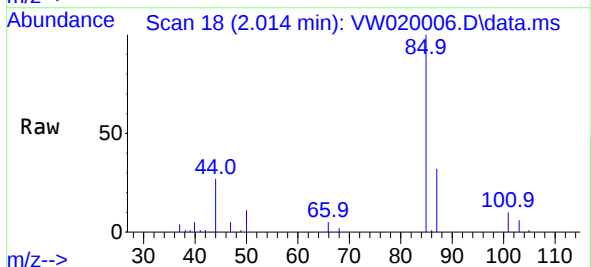
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.952 min Scan# 992  
Delta R.T. -0.005 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



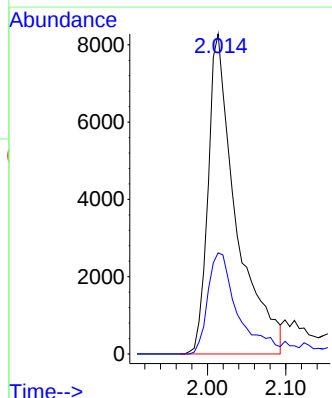
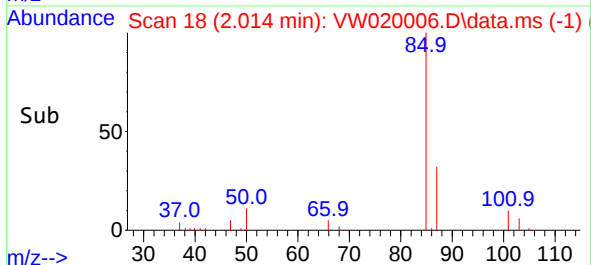
Tgt Ion:168 Resp: 173893  
Ion Ratio Lower Upper  
168 100  
99 62.2 42.9 64.3



#2  
Dichlorodifluoromethane  
Concen: 19.492 ug/l  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



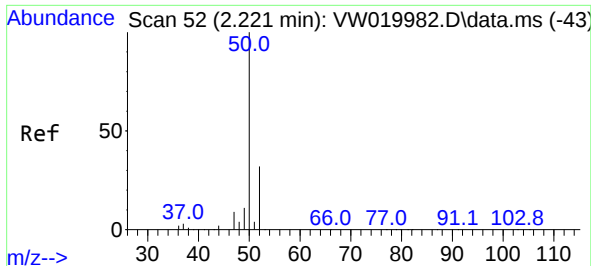
Tgt Ion: 85 Resp: 20584  
Ion Ratio Lower Upper  
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Instrument :  
MSVOA\_W  
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VW0909SBSD01

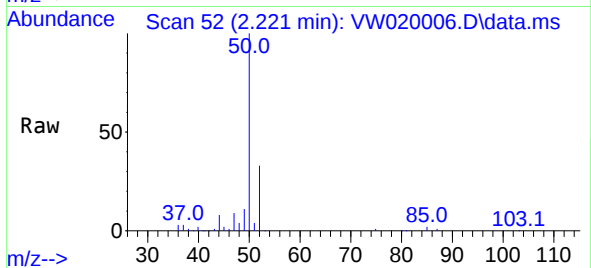
Manual Integrations  
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9/10/2021 6:38:35 PM



#3  
Chloromethane  
Concen: 20.997 ug/l  
RT: 2.221 min Scan# 52  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

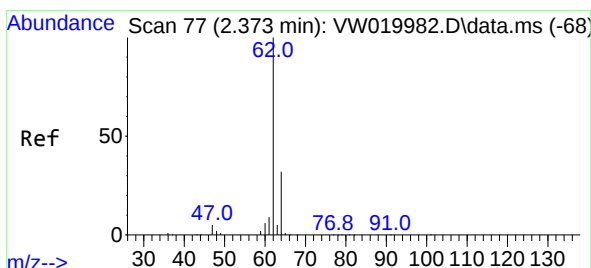
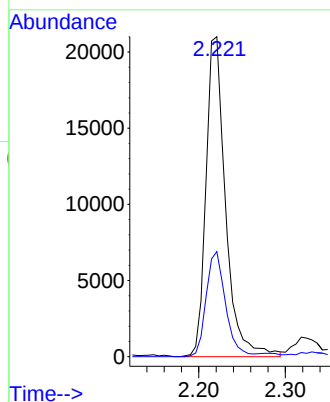
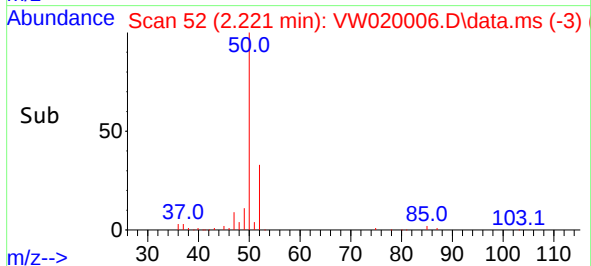
Instrument :  
MSVOA\_W  
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VW0909SBSD01



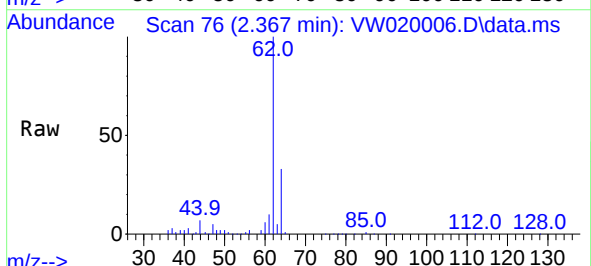
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Ion Ratio Lower Upper  
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52 32.9 25.5 38.3

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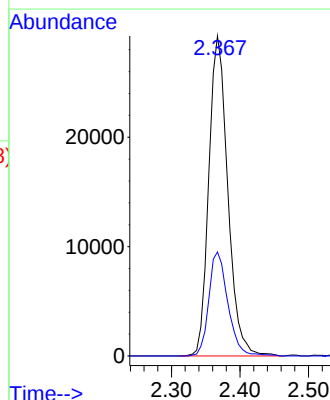
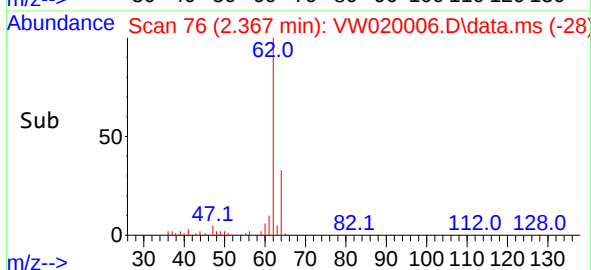
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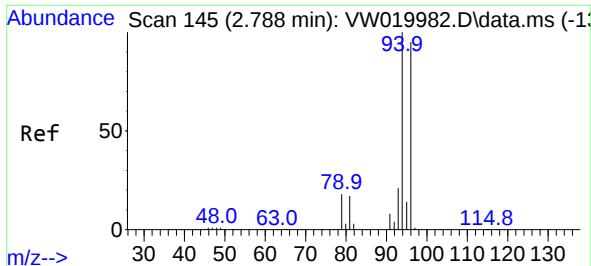


#4  
Vinyl Chloride  
Concen: 22.137 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



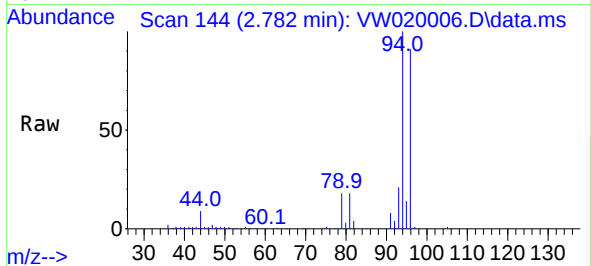
Tgt Ion: 62 Resp: 56424  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.3 37.9





#5  
Bromomethane  
Concen: 22.189 ug/l  
RT: 2.782 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

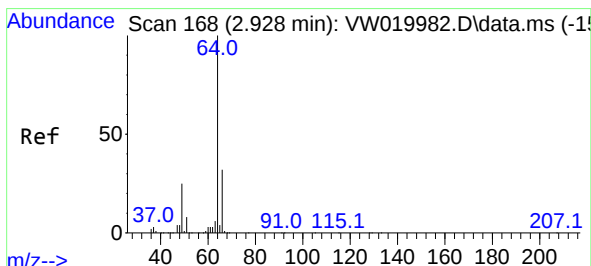
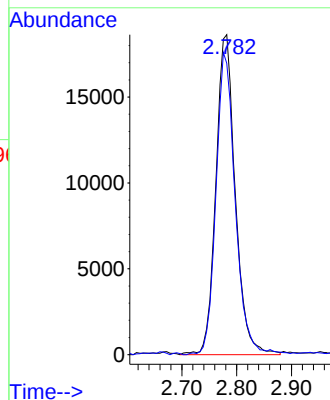
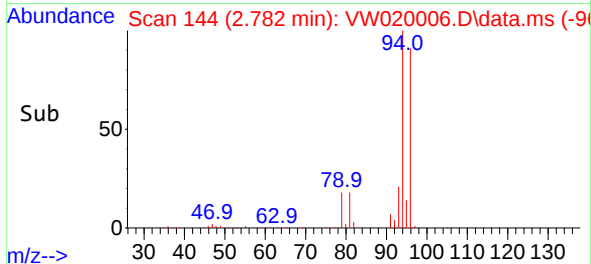
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01



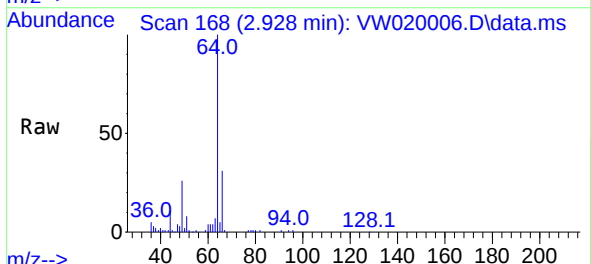
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Ion Ratio Lower Upper  
94 100  
96 90.7 75.7 113.5

Manual Integrations  
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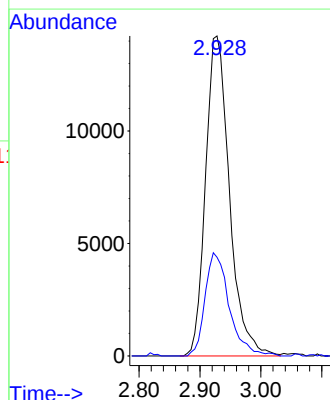
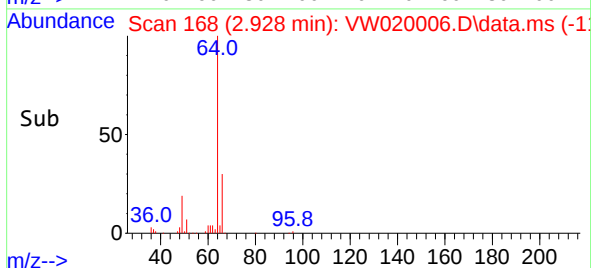
MMDadoda  
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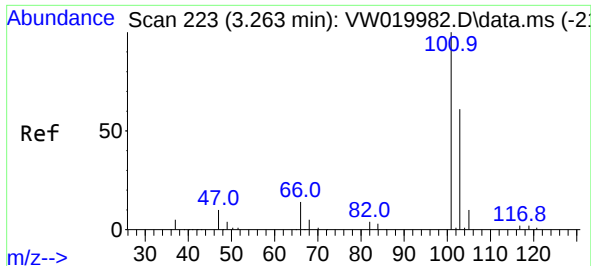


#6  
Chloroethane  
Concen: 22.094 ug/l  
RT: 2.928 min Scan# 168  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



Tgt Ion: 64 Resp: 38793  
Ion Ratio Lower Upper  
64 100  
66 30.8 25.4 38.2





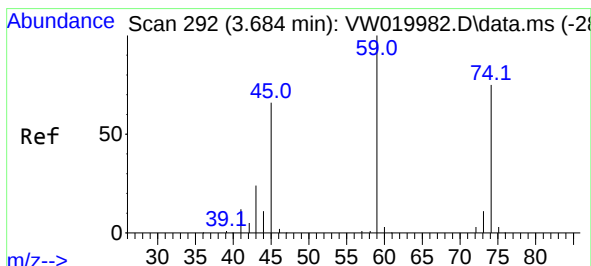
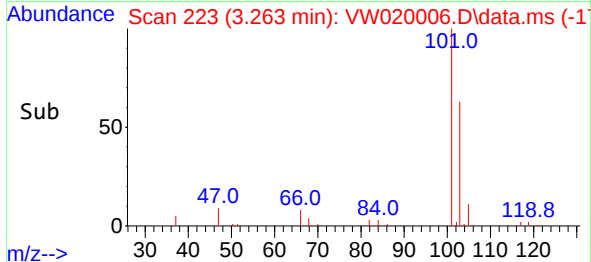
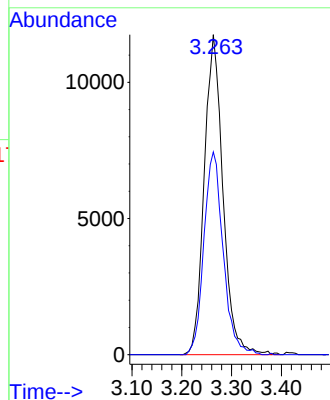
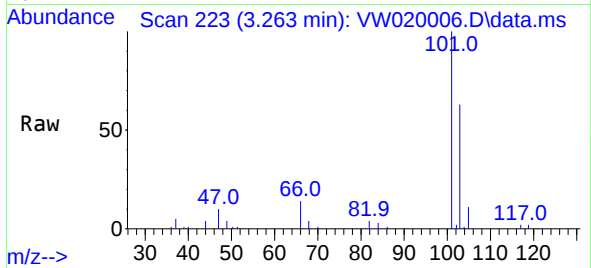
#7  
 Trichlorofluoromethane  
 Concen: 20.978 ug/l  
 RT: 3.263 min Scan# 223  
 Delta R.T. 0.000 min  
 Lab File: VW020006.D  
 Acq: 09 Sep 2021 17:14

Tgt Ion: 101 Resp: 30593  
 Ion Ratio Lower Upper  
 101 100  
 103 63.3 48.8 73.2

Instrument :  
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 ClientSampleId :  
 VW0909SBSD01

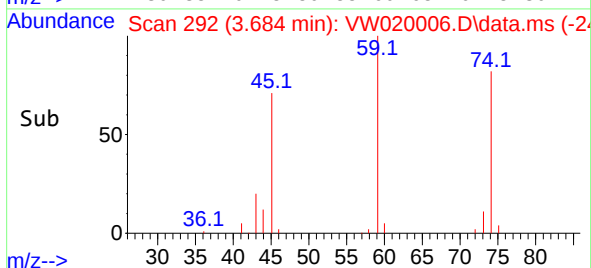
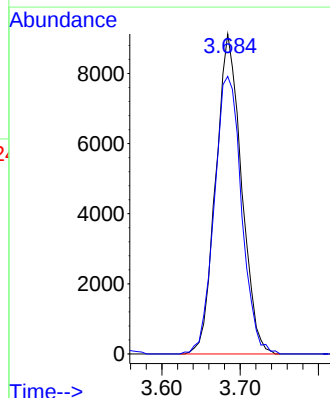
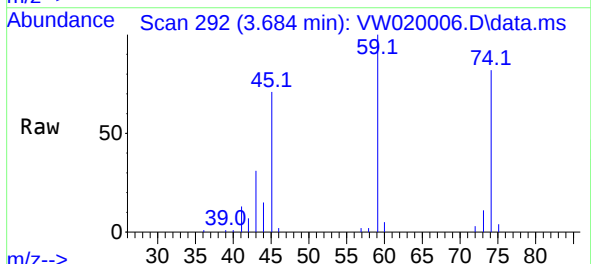
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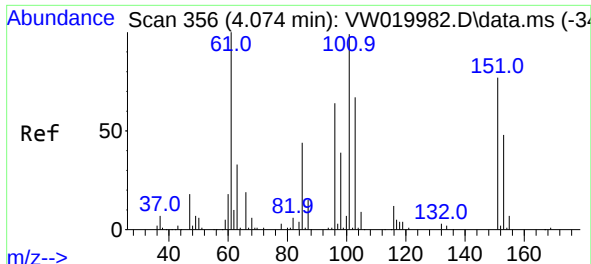
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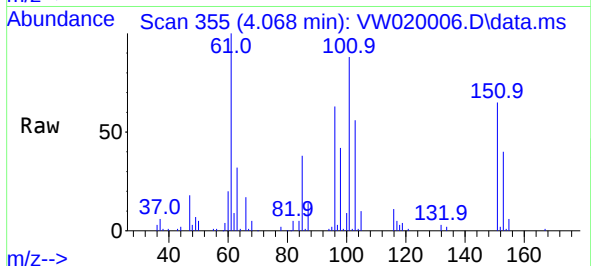
#8  
 Diethyl Ether  
 Concen: 23.253 ug/l  
 RT: 3.684 min Scan# 292  
 Delta R.T. 0.000 min  
 Lab File: VW020006.D  
 Acq: 09 Sep 2021 17:14

Tgt Ion: 74 Resp: 20765  
 Ion Ratio Lower Upper  
 74 100  
 45 92.2 44.5 133.7

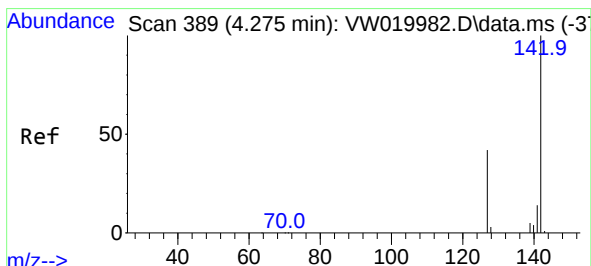
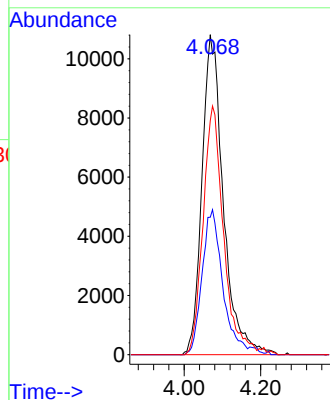
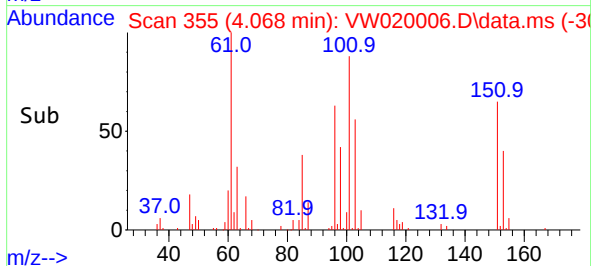




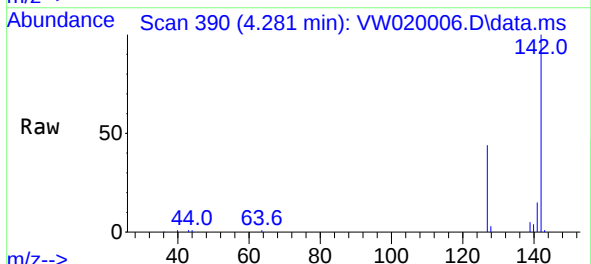
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.978 ug/l  
RT: 4.068 min Scan# 355  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



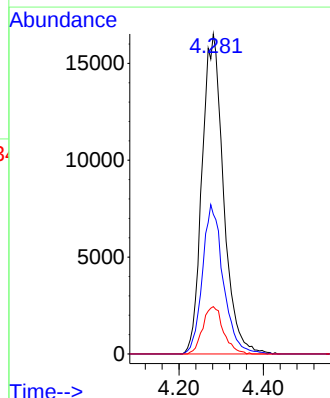
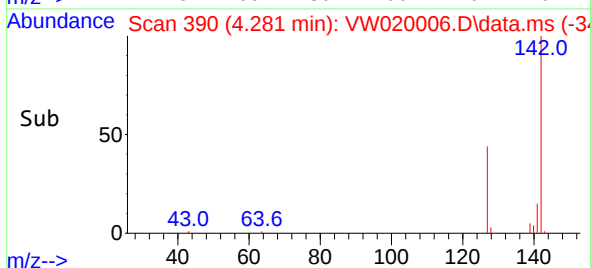
Tgt Ion:101 Resp: 41849  
Ion Ratio Lower Upper  
101 100  
85 44.1 36.6 54.8  
151 74.5 59.9 89.9



#10  
Methyl Iodide  
Concen: 22.385 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



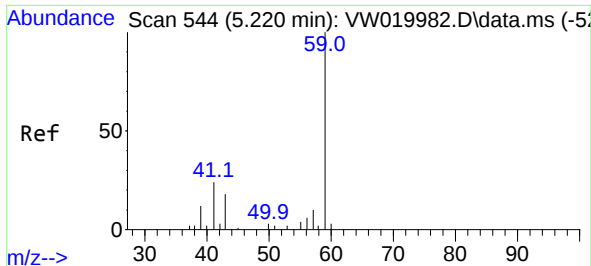
Tgt Ion:142 Resp: 58375  
Ion Ratio Lower Upper  
142 100  
127 45.4 36.4 54.6  
141 14.2 11.8 17.8



Instrument :  
MSVOA\_W  
ClientSampleId :  
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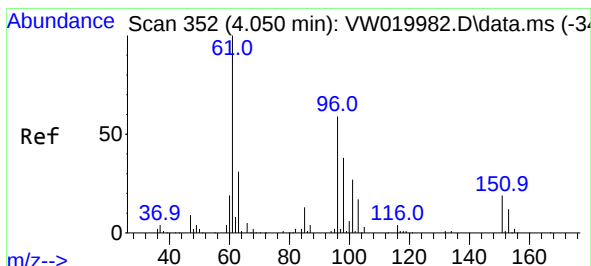
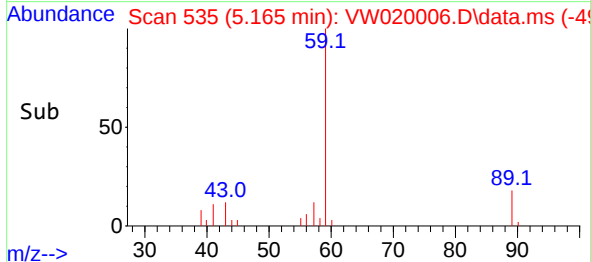
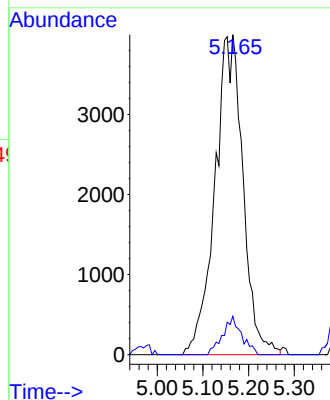
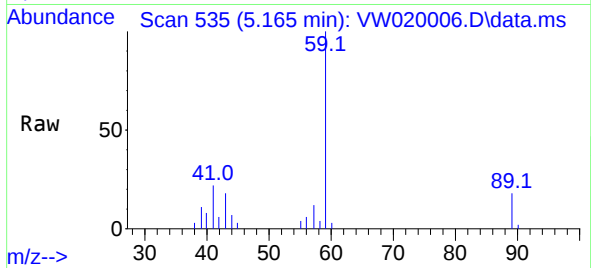
#11  
Tert butyl alcohol  
Concen: 176.456 ug/l  
RT: 5.165 min Scan# 535  
Delta R.T. -0.055 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 59 Resp: 17050  
Ion Ratio Lower Upper  
59 100  
57 8.0 8.4 12.6#

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

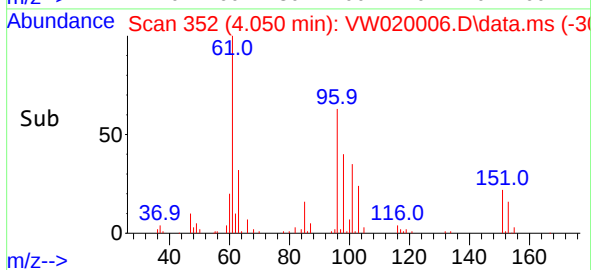
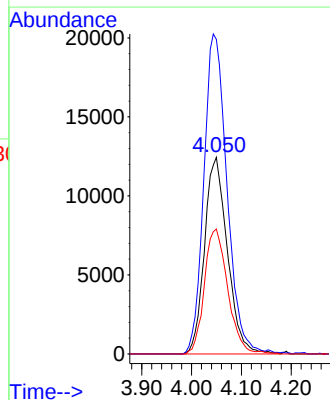
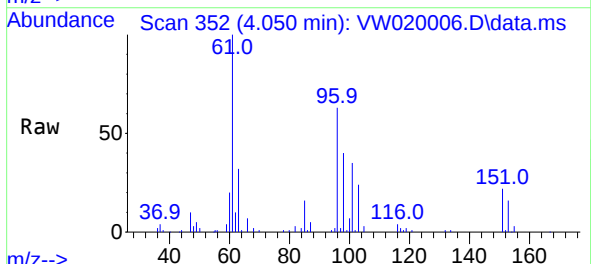
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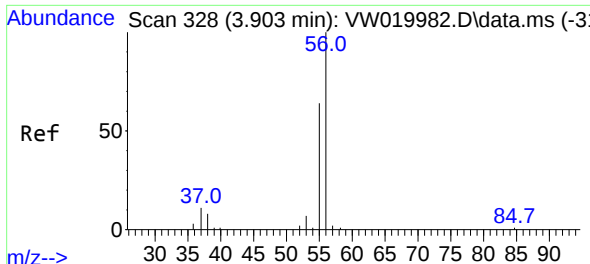
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#12  
1,1-Dichloroethene  
Concen: 22.152 ug/l  
RT: 4.050 min Scan# 352  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 96 Resp: 39746  
Ion Ratio Lower Upper  
96 100  
61 160.0 136.0 204.0  
98 63.6 51.5 77.3





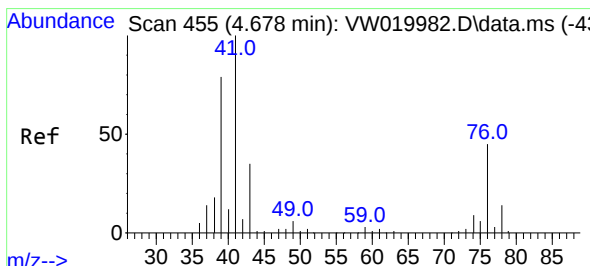
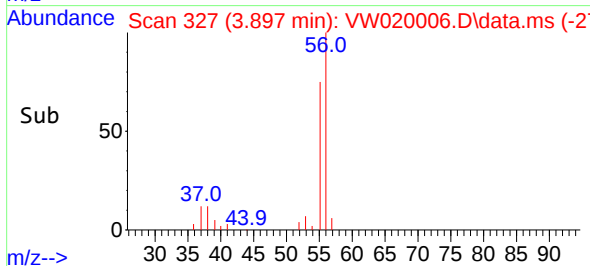
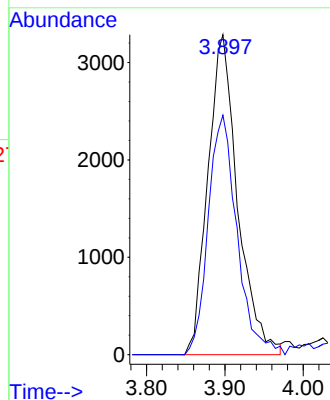
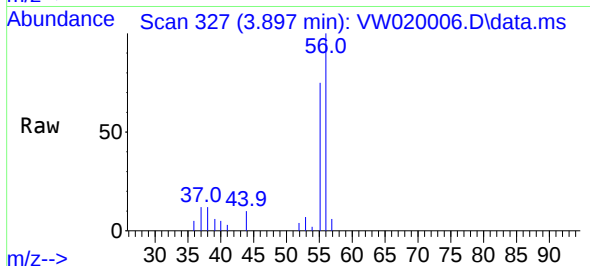
#13  
Acrolein  
Concen: 118.042 ug/l  
RT: 3.897 min Scan# 327  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 56 Resp: 8691  
Ion Ratio Lower Upper  
56 100  
55 72.2 56.2 84.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
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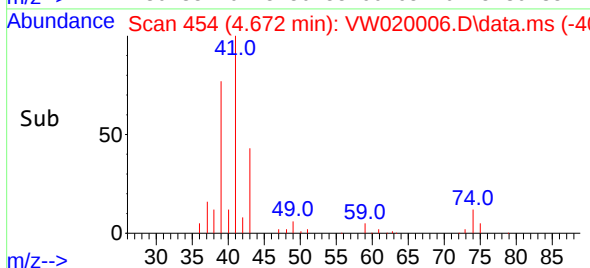
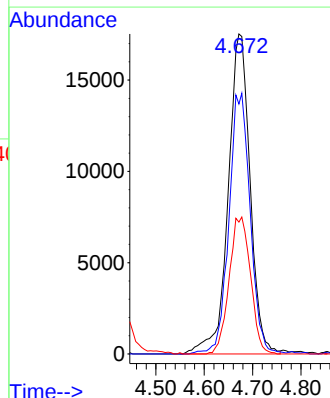
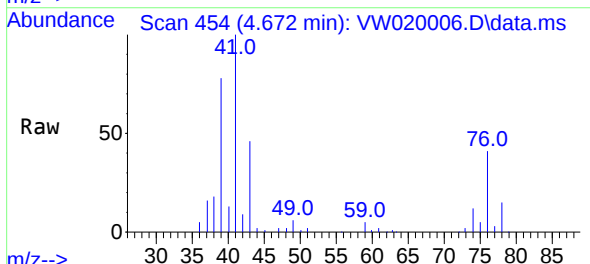
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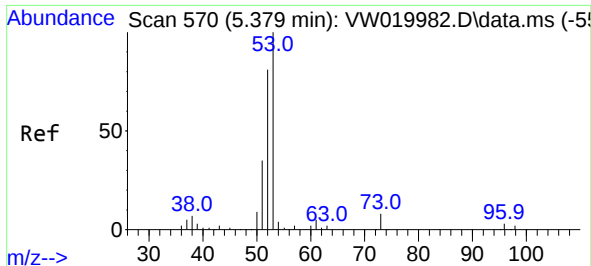
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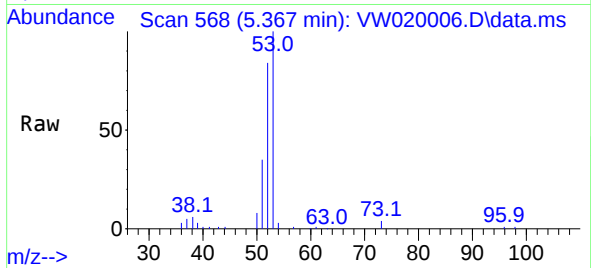
#14  
Allyl chloride  
Concen: 22.560 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 41 Resp: 55052  
Ion Ratio Lower Upper  
41 100  
39 79.2 62.5 93.7  
76 41.8 33.8 50.8

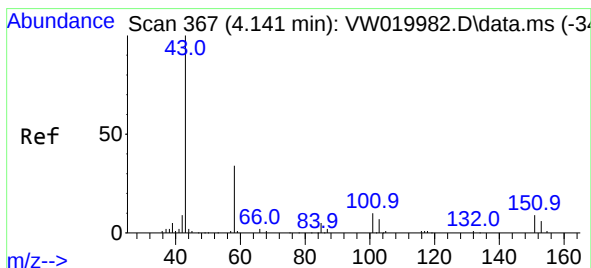
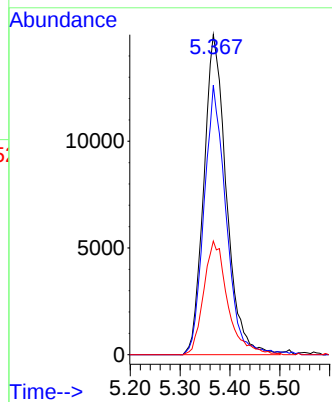
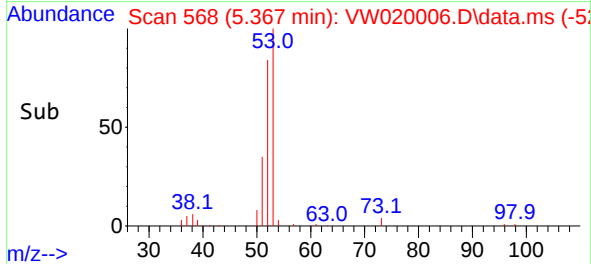




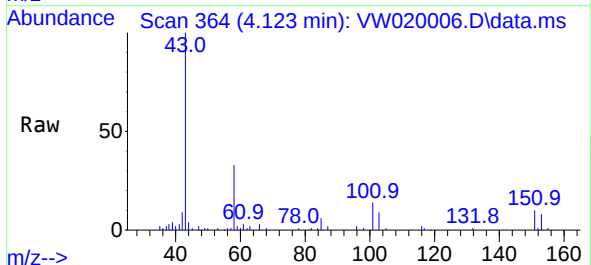
#15  
Acrylonitrile  
Concen: 126.668 ug/l  
RT: 5.367 min Scan# 568  
Delta R.T. -0.012 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



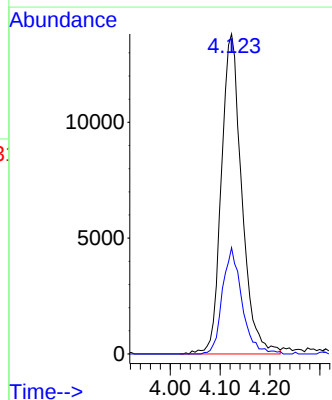
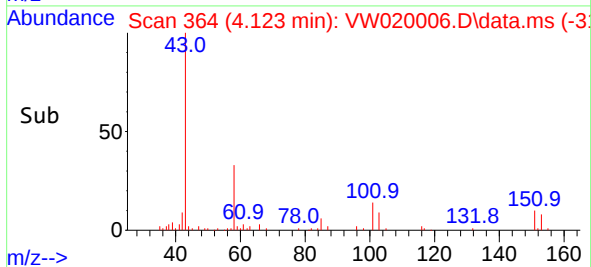
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 47136 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.1  | 65.9  | 98.9  |
| 51       | 37.7  | 29.8  | 44.8  |



#16  
Acetone  
Concen: 121.309 ug/l  
RT: 4.123 min Scan# 364  
Delta R.T. -0.018 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



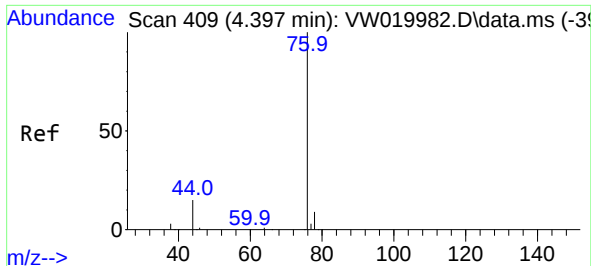
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 39333 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 33.2  | 27.2  | 40.8  |



Instrument :  
MSVOA\_W  
ClientSampleId :  
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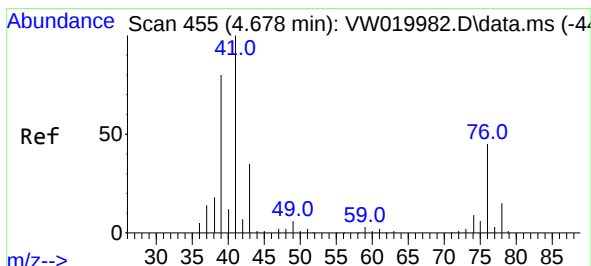
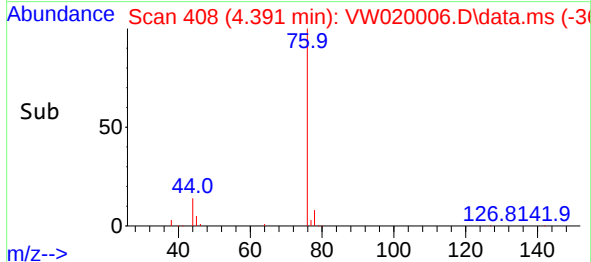
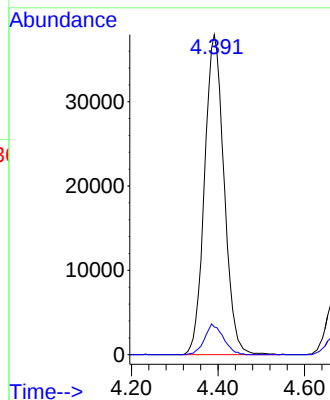
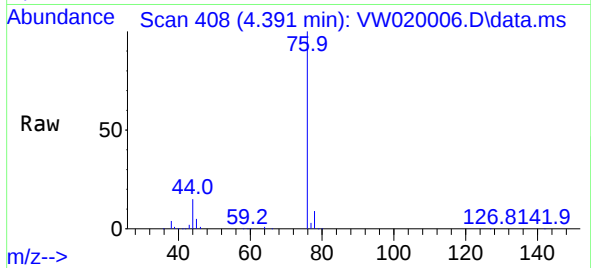
#17  
Carbon Disulfide  
Concen: 21.775 ug/l  
RT: 4.391 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 76 Resp: 118891  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.1 10.7

Instrument :  
MSVOA\_W  
ClientSampleId :  
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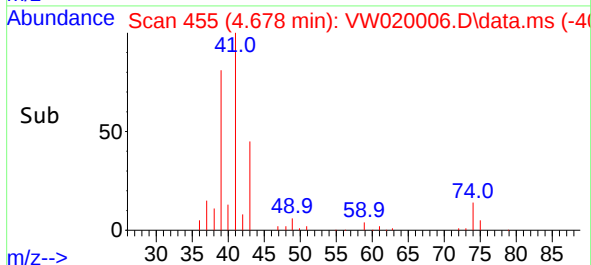
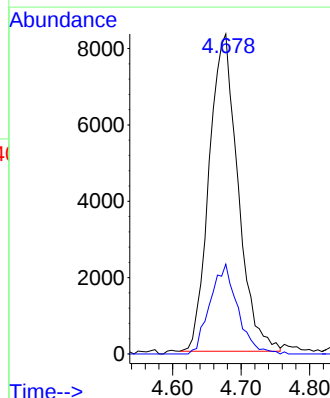
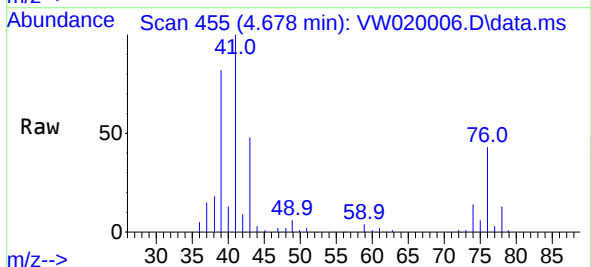
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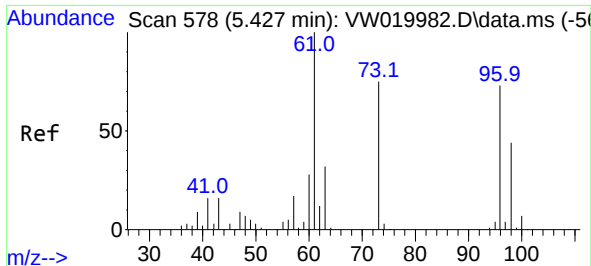
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#18  
Methyl Acetate  
Concen: 26.417 ug/l  
RT: 4.678 min Scan# 455  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 43 Resp: 24317  
Ion Ratio Lower Upper  
43 100  
74 27.2 21.0 31.6





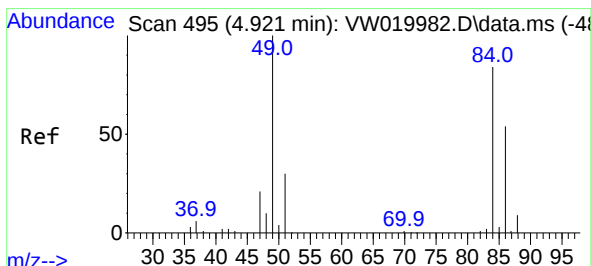
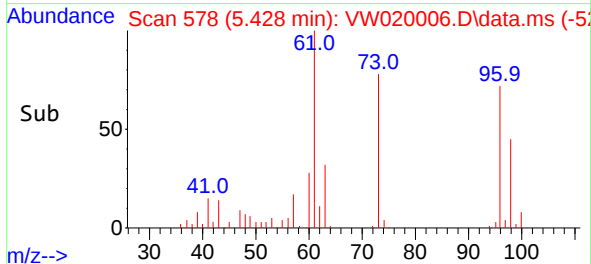
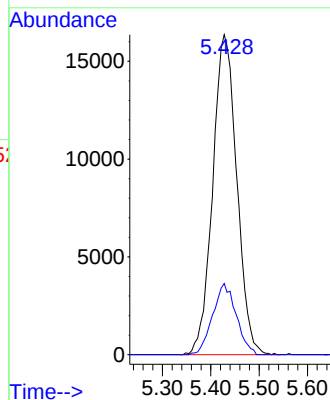
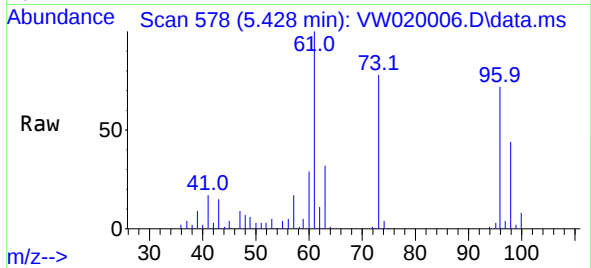
#19  
Methyl tert-butyl Ether  
Concen: 23.894 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 73 Resp: 56562  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.7 26.5

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

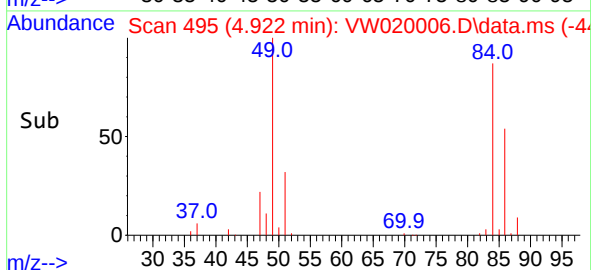
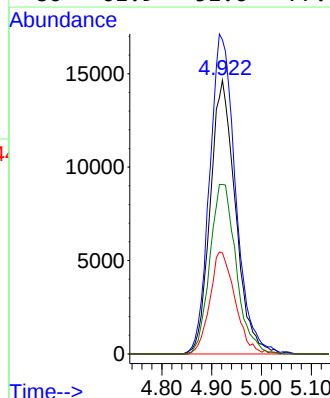
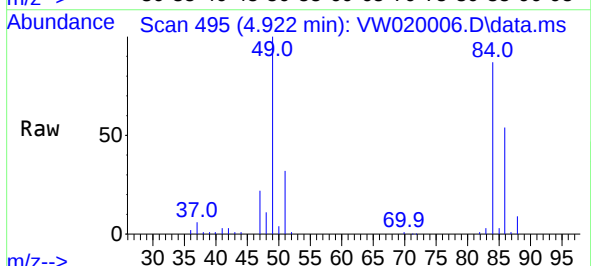
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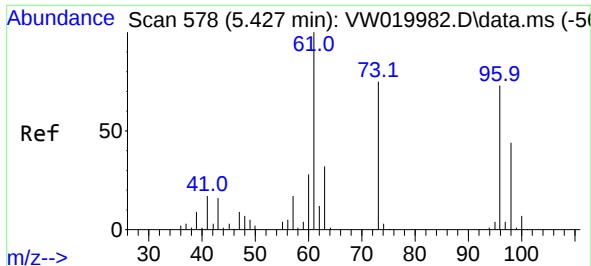
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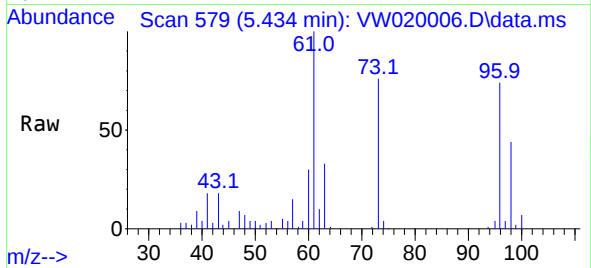
#20  
Methylene Chloride  
Concen: 22.837 ug/l  
RT: 4.922 min Scan# 495  
Delta R.T. 0.001 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 84 Resp: 51474  
Ion Ratio Lower Upper  
84 100  
49 114.7 95.4 143.0  
51 36.9 28.9 43.3  
86 61.9 51.6 77.4



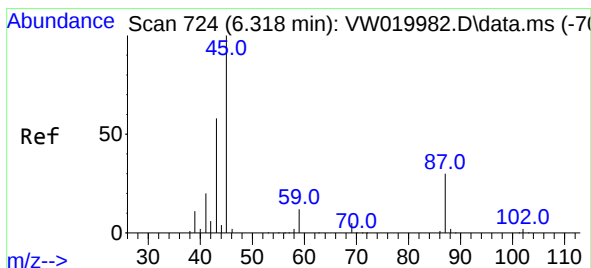
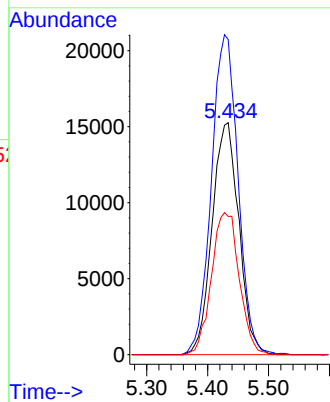
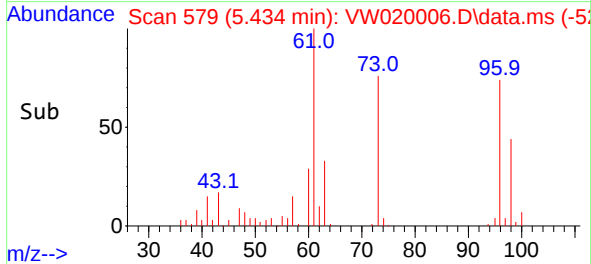


#21  
trans-1,2-Dichloroethene  
Concen: 22.851 ug/l  
RT: 5.434 min Scan# 579  
Delta R.T. 0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

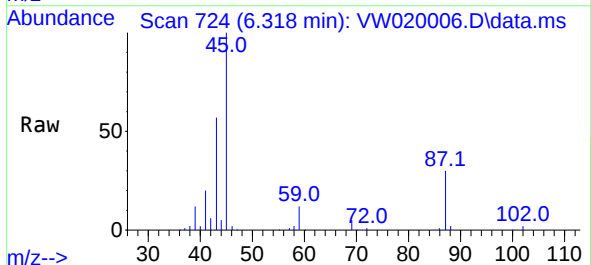


Tgt Ion: 96 Resp: 46568

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 135.9 | 109.3 | 163.9 |
| 98  | 59.6  | 48.3  | 72.5  |

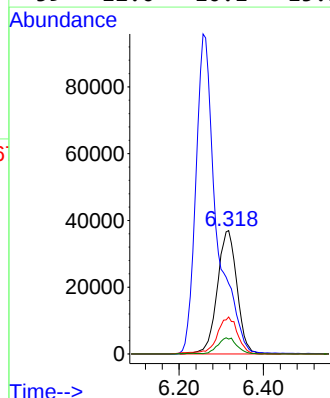
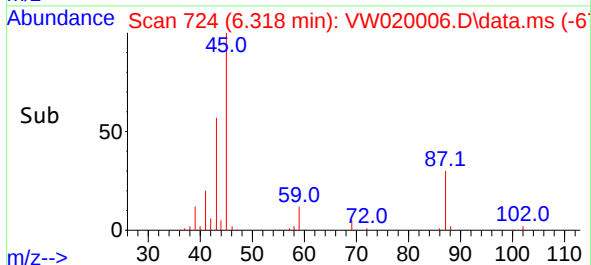


#22  
Diisopropyl ether  
Concen: 23.073 ug/l  
RT: 6.318 min Scan# 724  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



Tgt Ion: 45 Resp: 119308

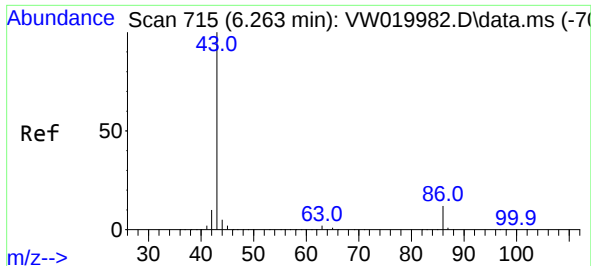
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 56.5  | 46.8  | 70.2  |
| 87  | 30.0  | 24.3  | 36.5  |
| 59  | 12.0  | 10.1  | 15.1  |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

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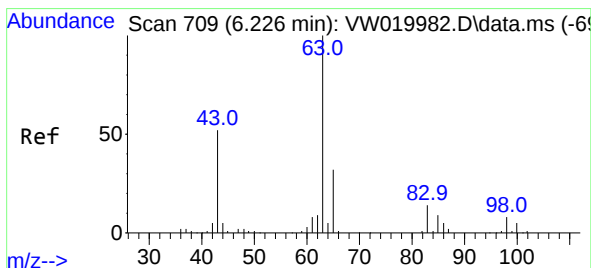
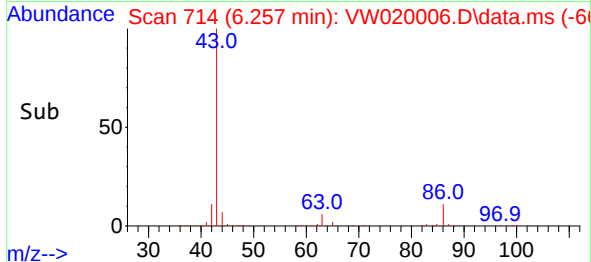
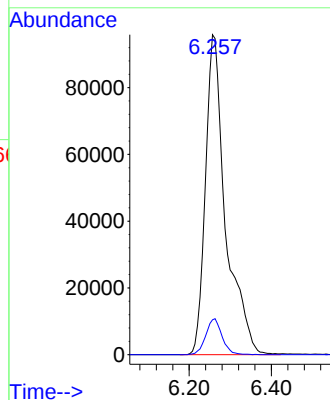
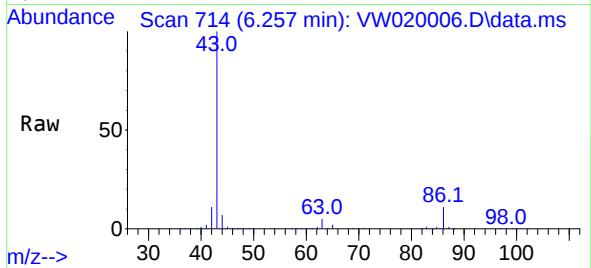
#23  
 Vinyl Acetate  
 Concen: 113.234 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. -0.006 min  
 Lab File: VW020006.D  
 Acq: 09 Sep 2021 17:14

Tgt Ion: 43 Resp: 326281  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 9.3 13.9

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0909SBSD01

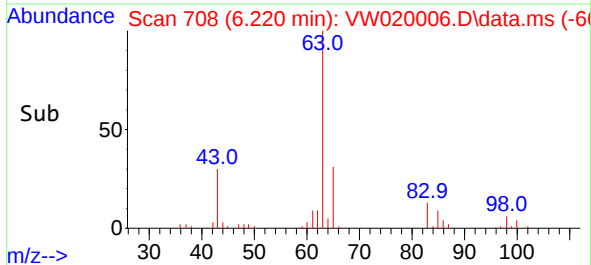
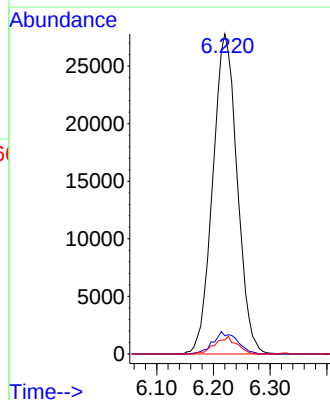
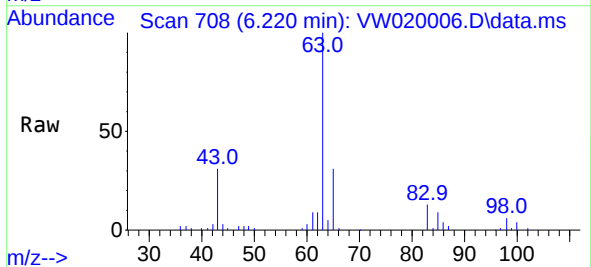
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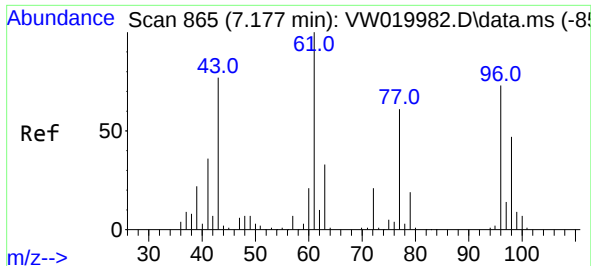
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#24  
 1,1-Dichloroethane  
 Concen: 22.682 ug/l  
 RT: 6.220 min Scan# 708  
 Delta R.T. -0.006 min  
 Lab File: VW020006.D  
 Acq: 09 Sep 2021 17:14

Tgt Ion: 63 Resp: 83053  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 3.8 11.4  
 100 4.3 2.5 7.4





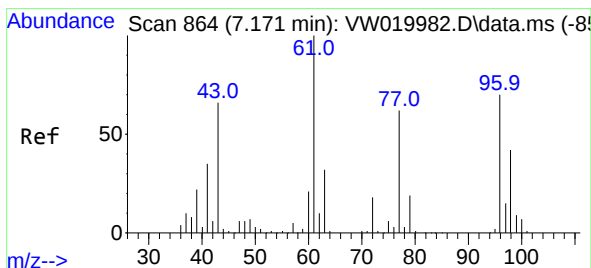
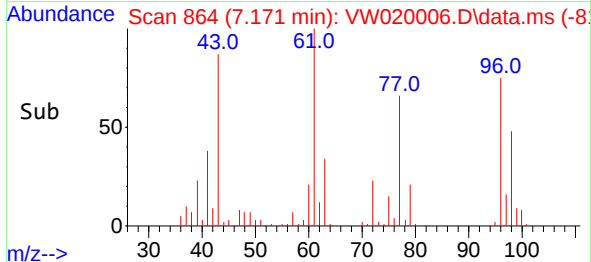
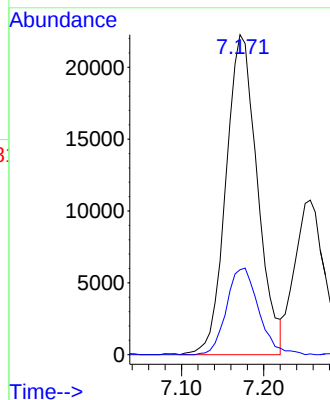
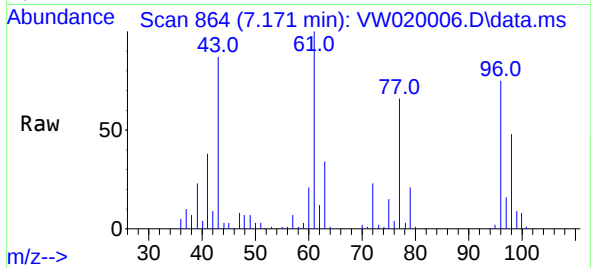
#25  
2-Butanone  
Concen: 127.530 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 43 Resp: 59283  
Ion Ratio Lower Upper  
43 100  
72 26.6 21.9 32.9

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBS01

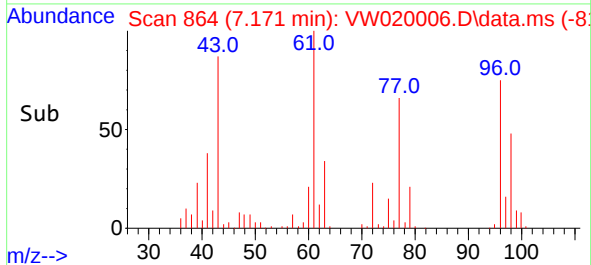
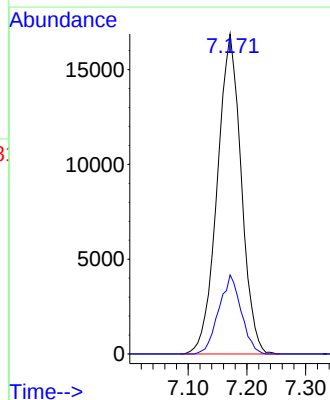
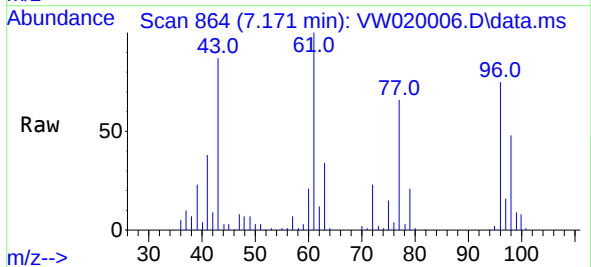
Manual Integrations  
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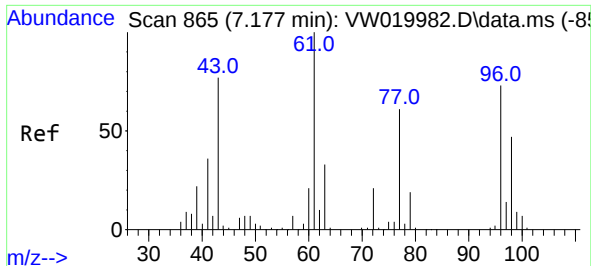
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#26  
2,2-Dichloropropane  
Concen: 21.629 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 77 Resp: 47890  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.4 34.1





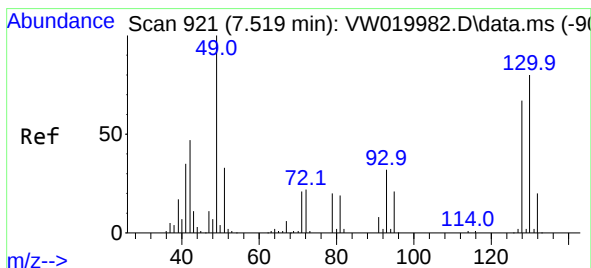
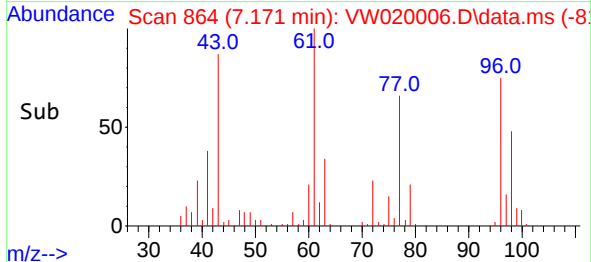
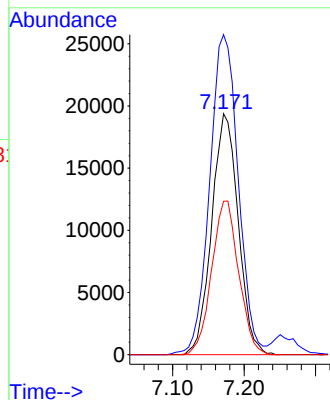
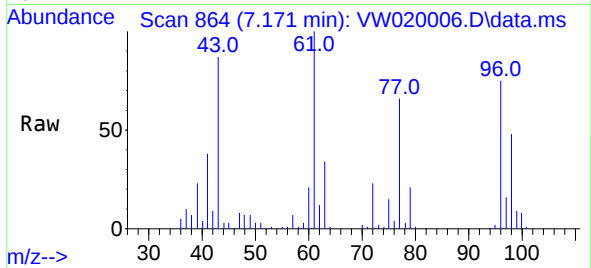
#27  
cis-1,2-Dichloroethene  
Concen: 22.955 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 49958 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 142.6 | 0.0   | 282.6 |
| 98       | 64.9  | 0.0   | 127.6 |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

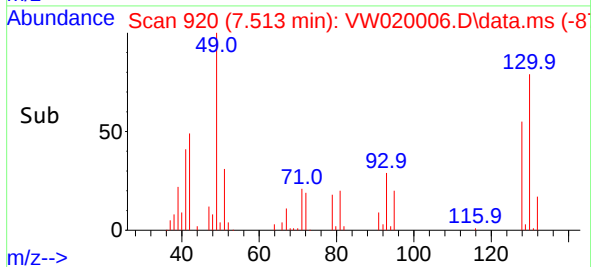
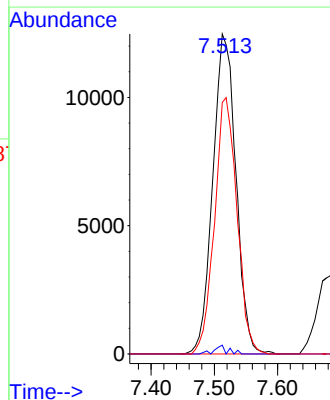
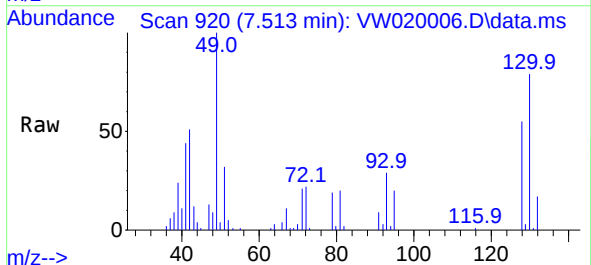
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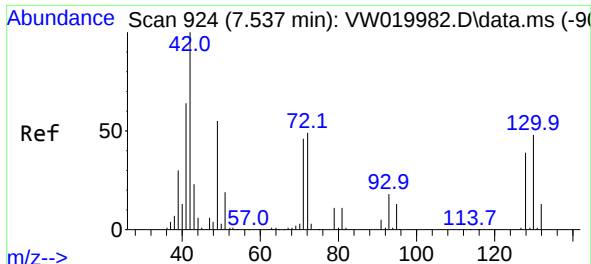
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#28  
Bromochloromethane  
Concen: 21.762 ug/l  
RT: 7.513 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 31628 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.5   | 0.0   | 3.2   |
| 130      | 78.0  | 62.6  | 93.8  |





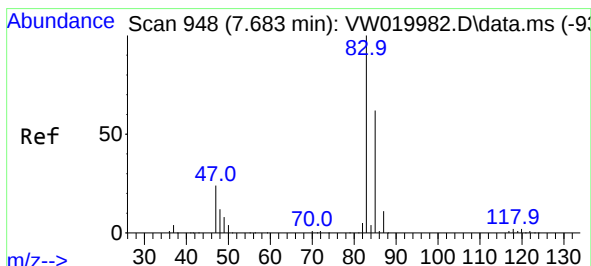
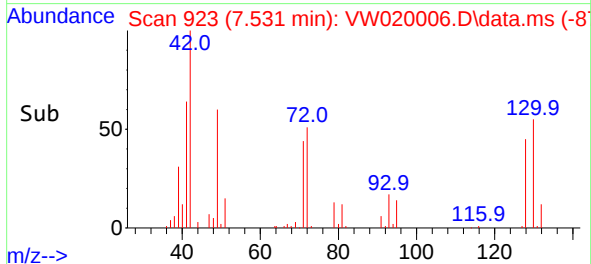
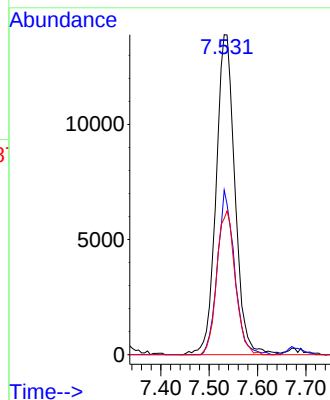
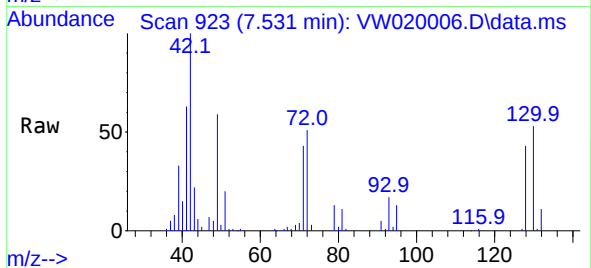
#29  
Tetrahydrofuran  
Concen: 130.215 ug/l  
RT: 7.531 min Scan# 923  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 42 Resp: 37659  
Ion Ratio Lower Upper  
42 100  
72 46.6 38.4 57.6  
71 43.8 35.4 53.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

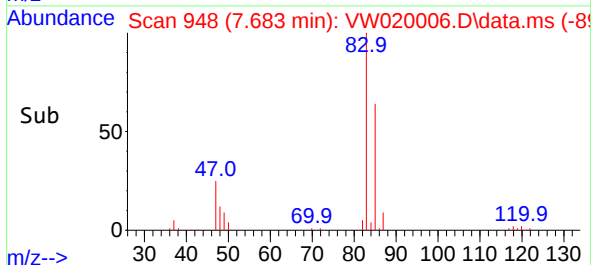
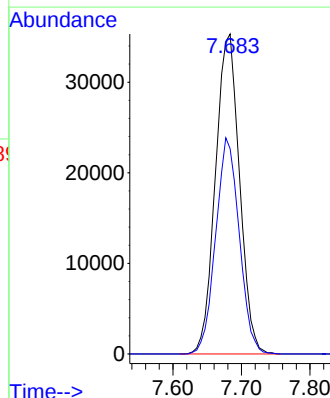
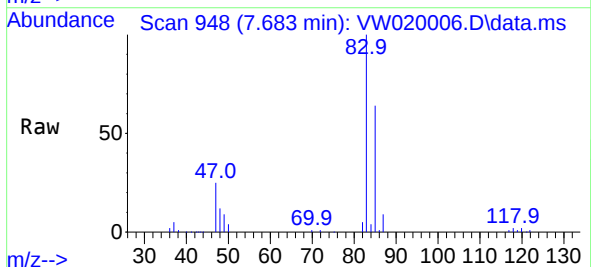
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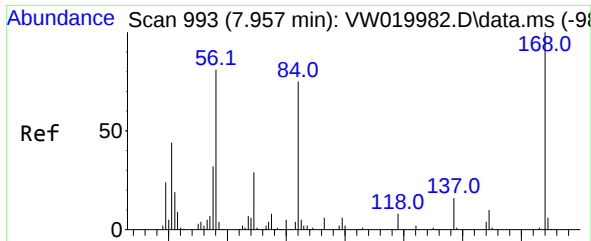
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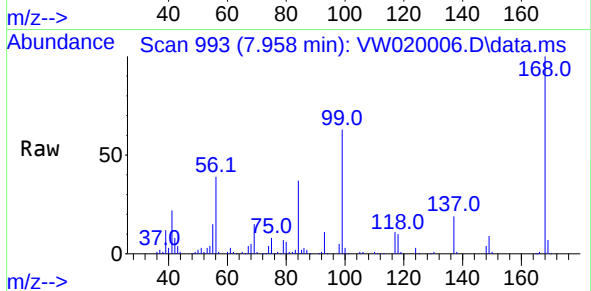
#30  
Chloroform  
Concen: 22.319 ug/l  
RT: 7.683 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 83 Resp: 86115  
Ion Ratio Lower Upper  
83 100  
85 64.1 49.8 74.8



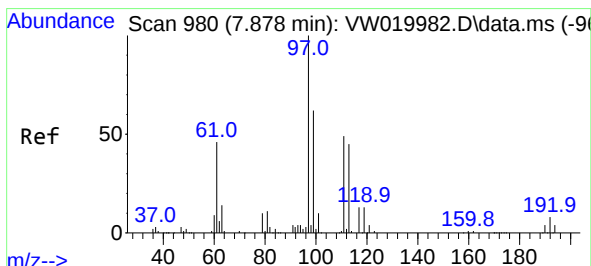
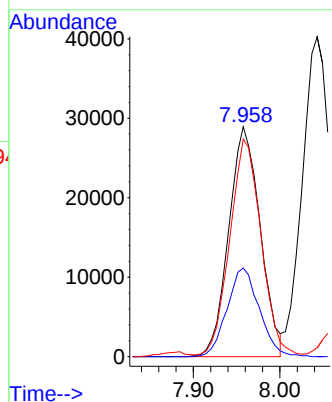
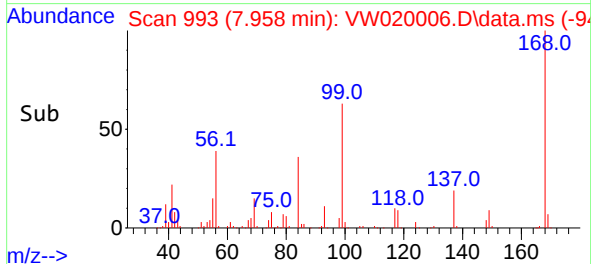


#31  
Cyclohexane  
Concen: 22.214 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

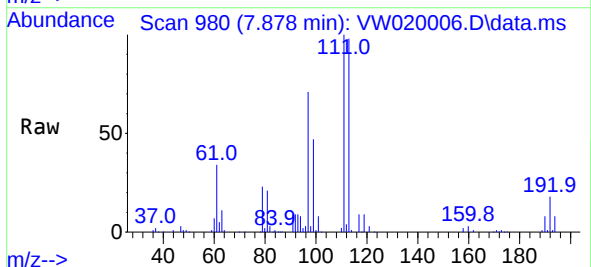


Tgt Ion: 56 Resp: 73103

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 38.6  | 28.6  | 42.8  |
| 84  | 92.4  | 74.5  | 111.7 |

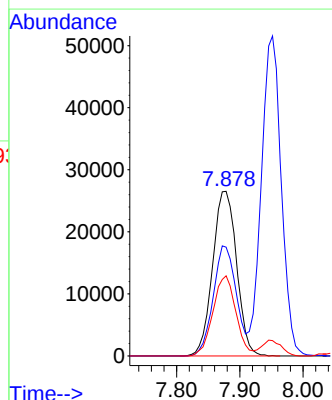
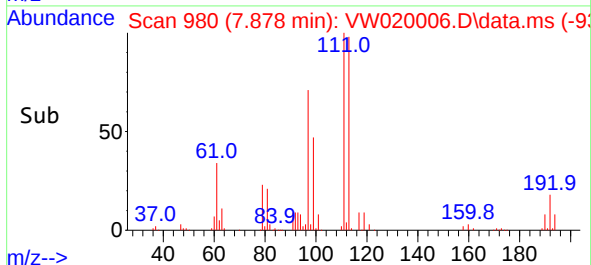


#32  
1,1,1-Trichloroethane  
Concen: 22.341 ug/l  
RT: 7.878 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



Tgt Ion: 97 Resp: 69752

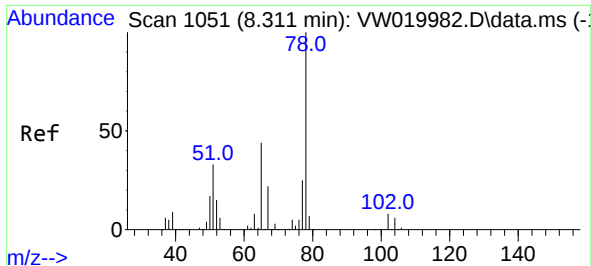
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.0  | 50.9  | 76.3  |
| 61  | 46.6  | 36.1  | 54.1  |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

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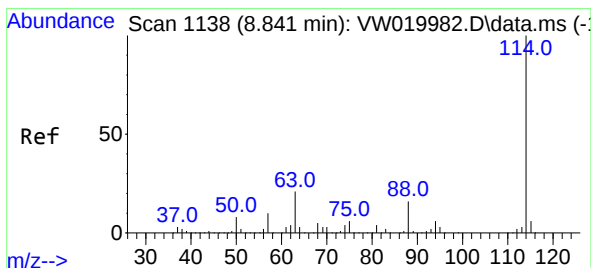
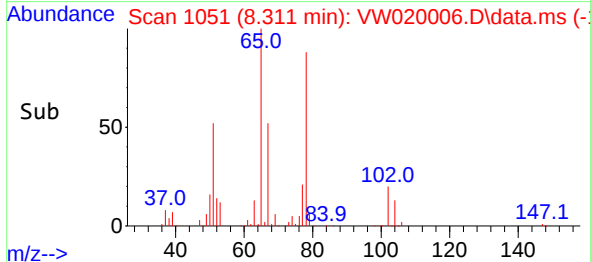
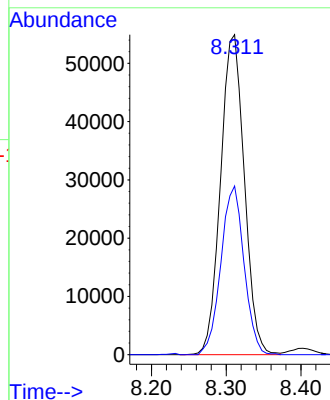
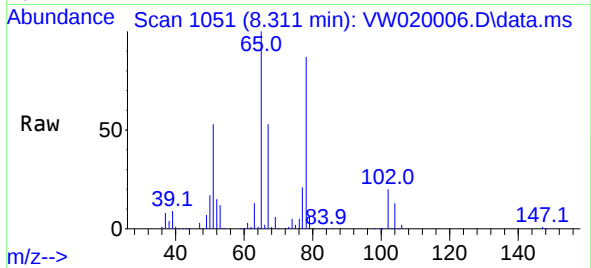
#33  
1,2-Dichloroethane-d4  
Concen: 60.227 ug/l  
RT: 8.311 min Scan# 1051  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 65 Resp: 121580  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 102.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

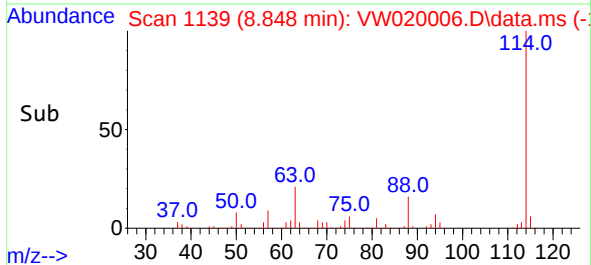
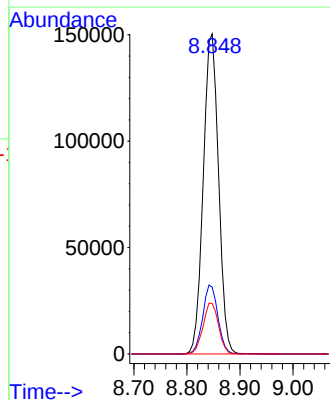
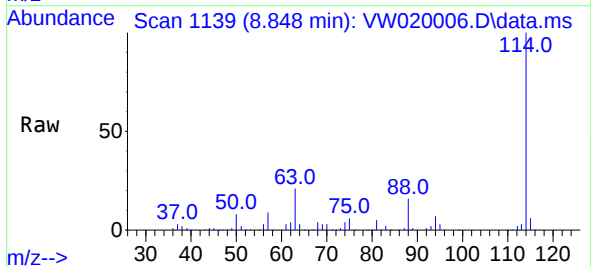
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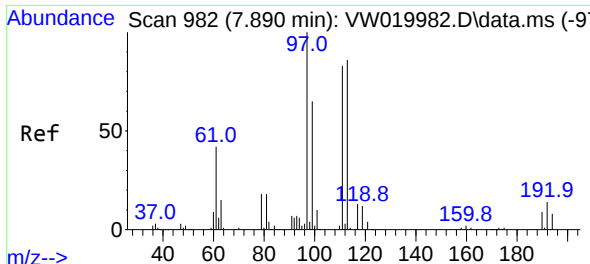
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.848 min Scan# 1139  
Delta R.T. 0.007 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

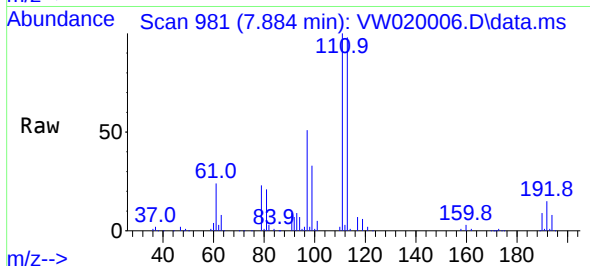
Tgt Ion: 114 Resp: 300285  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 41.6  
88 15.8 0.0 31.8





#35  
Dibromofluoromethane  
Concen: 55.133 ug/l  
RT: 7.884 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

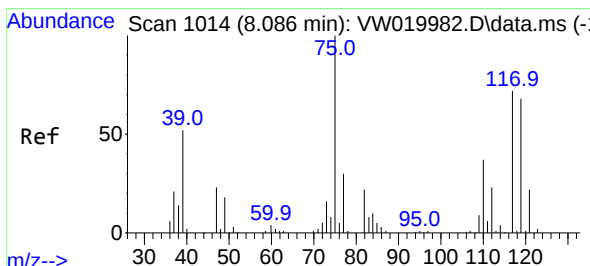
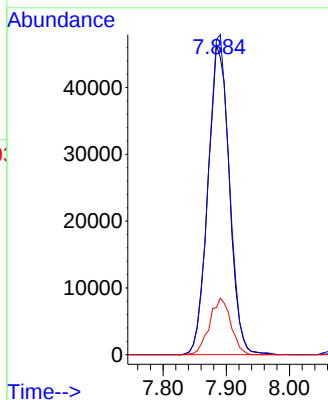
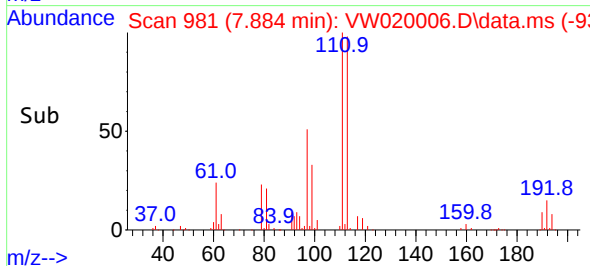
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01



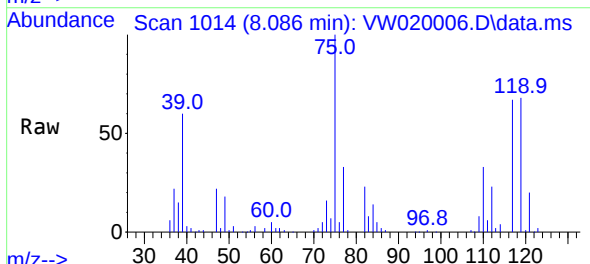
Tgt Ion:113 Resp: 108720  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.6 122.4  
192 18.2 14.6 22.0

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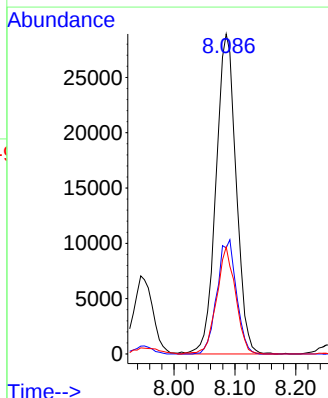
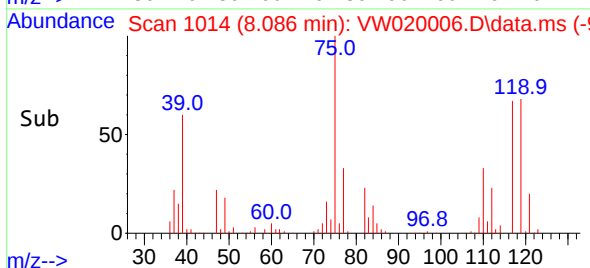
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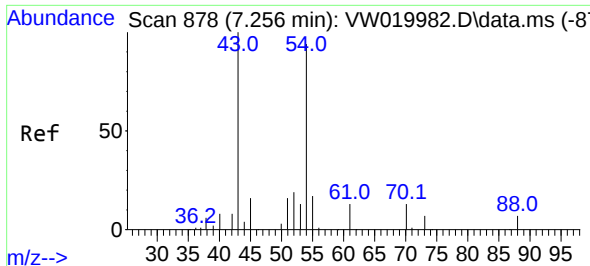


#36  
1,1-Dichloropropene  
Concen: 20.963 ug/l  
RT: 8.086 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



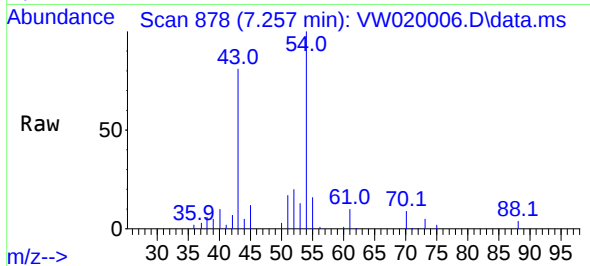
Tgt Ion: 75 Resp: 66219  
Ion Ratio Lower Upper  
75 100  
110 34.4 17.4 52.3  
77 31.5 24.8 37.2





#37  
Ethyl Acetate  
Concen: 24.825 ug/l  
RT: 7.257 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

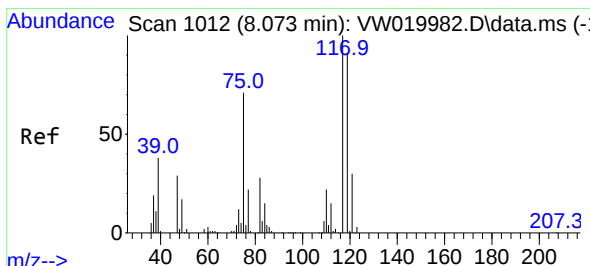
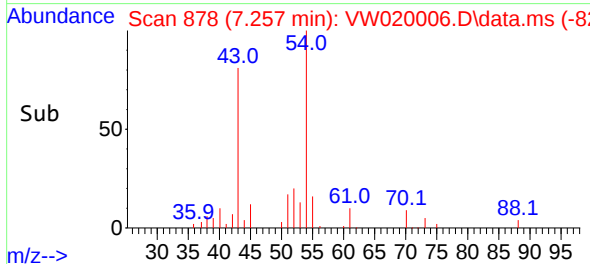
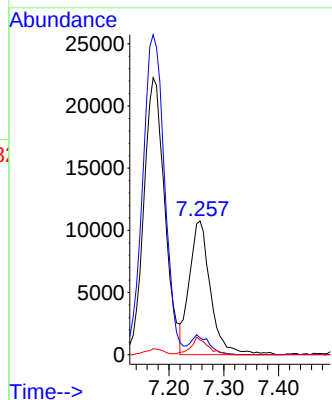


Tgt Ion: 43 Resp: 28832

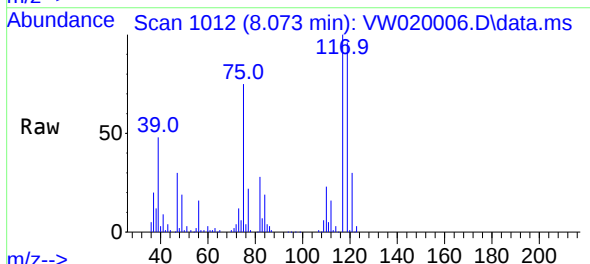
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 12.5  | 11.7  | 17.5  |
| 70  | 10.4  | 9.3   | 13.9  |

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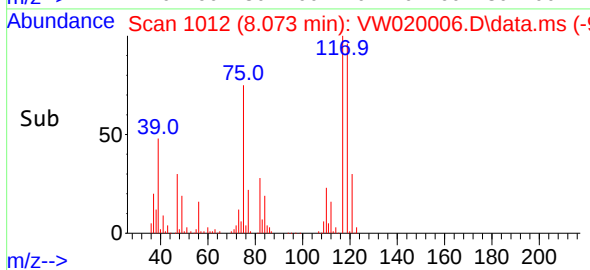
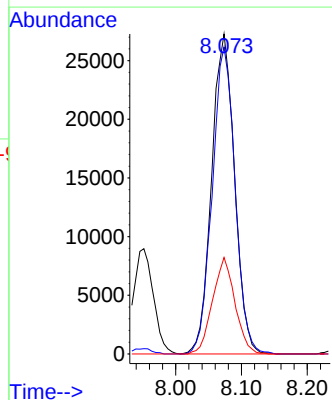


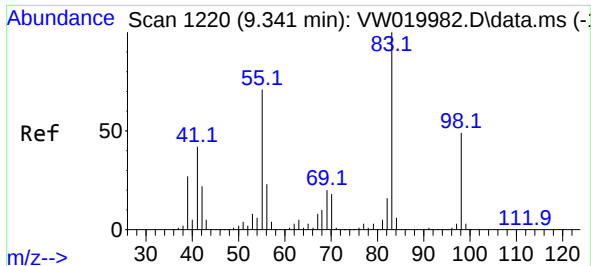
#38  
Carbon Tetrachloride  
Concen: 20.579 ug/l  
RT: 8.073 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



Tgt Ion: 117 Resp: 66287

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.9  | 73.0  | 109.4 |
| 121 | 30.1  | 23.9  | 35.9  |





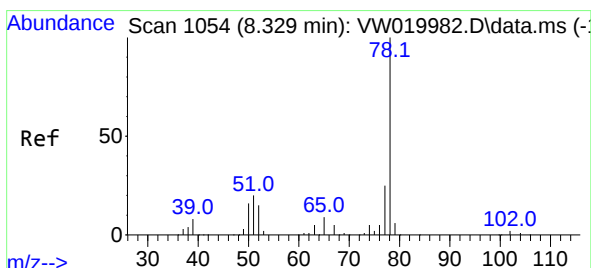
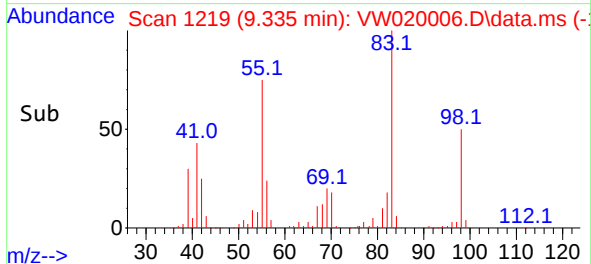
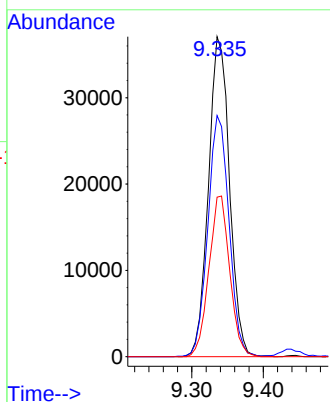
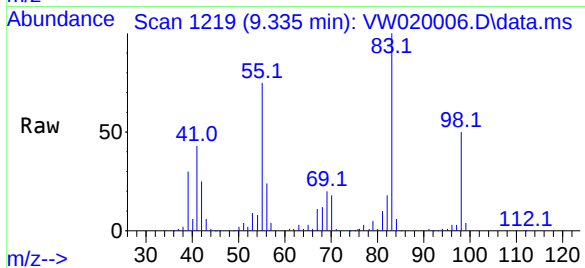
#39  
Methylcyclohexane  
Concen: 20.684 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
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Tgt Ion: 83 Resp: 75723  
Ion Ratio Lower Upper  
83 100  
55 75.2 56.9 85.3  
98 49.8 39.0 58.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

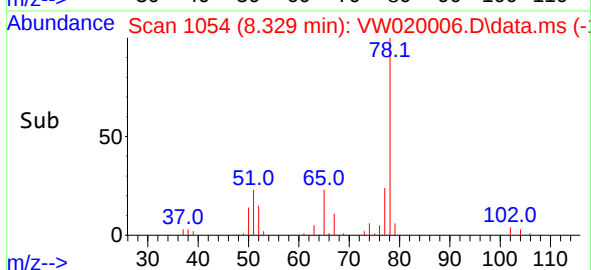
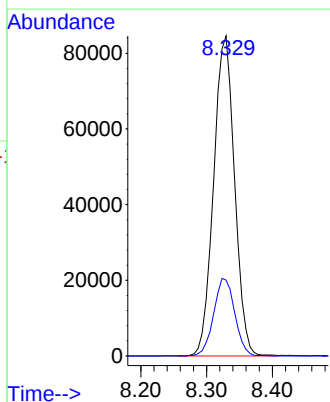
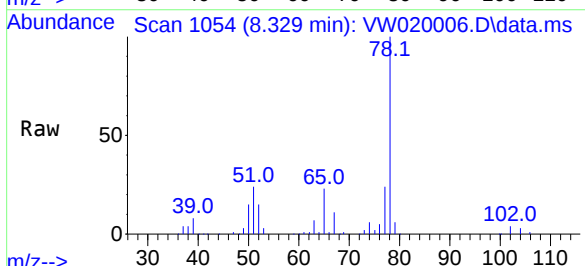
Manual Integrations  
APPROVED

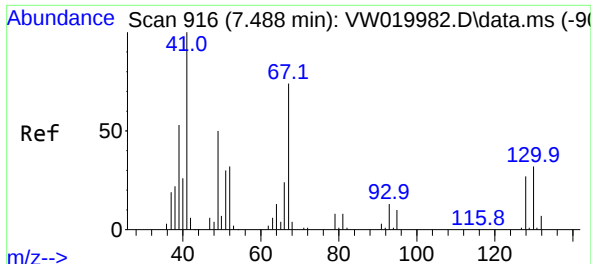
MMDadoda  
9/10/2021 6:38:35 PM



#40  
Benzene  
Concen: 21.559 ug/l  
RT: 8.329 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 78 Resp: 187598  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.7 29.5





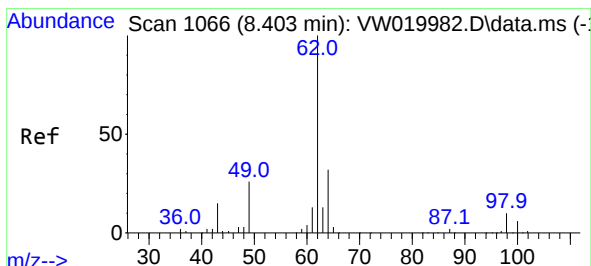
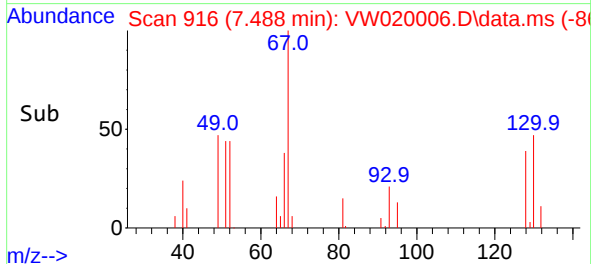
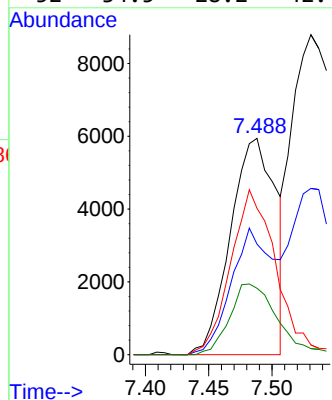
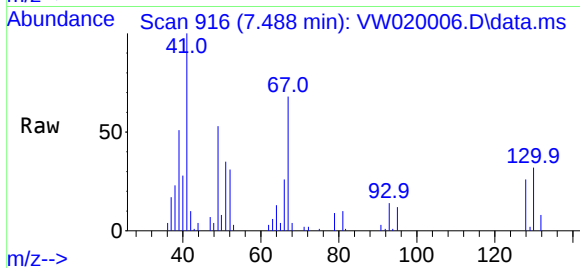
#41  
Methacrylonitrile  
Concen: 22.975 ug/l  
RT: 7.488 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 14770 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.8  | 45.2  | 67.8  |
| 67       | 76.6  | 65.3  | 97.9  |
| 52       | 34.5  | 28.2  | 42.4  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

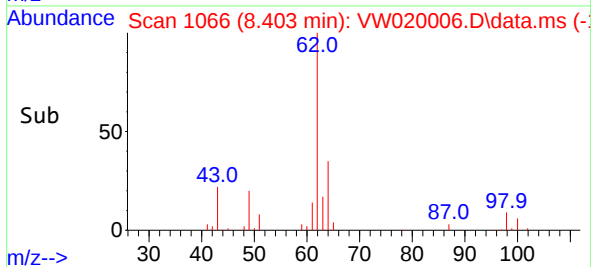
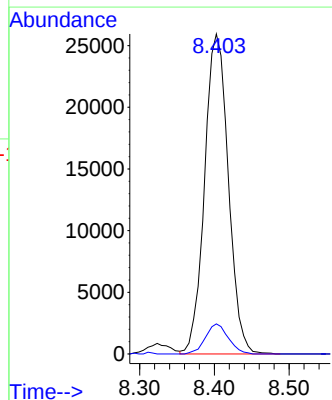
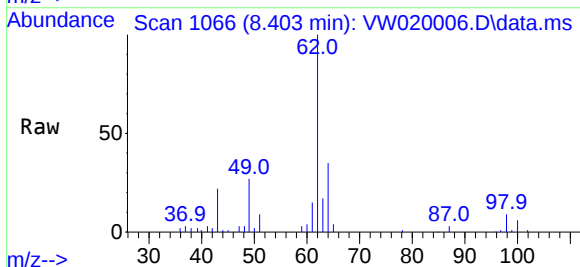
Manual Integrations  
APPROVED

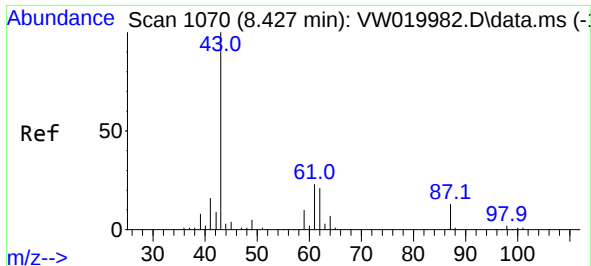
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#42  
1,2-Dichloroethane  
Concen: 21.446 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 57299 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.0   | 0.0   | 18.6  |





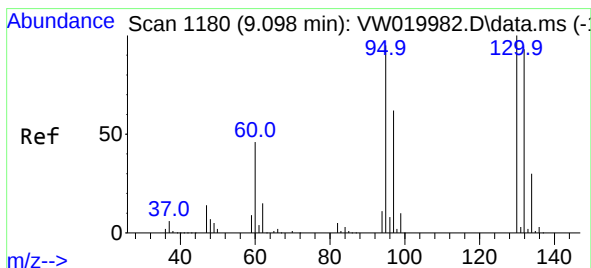
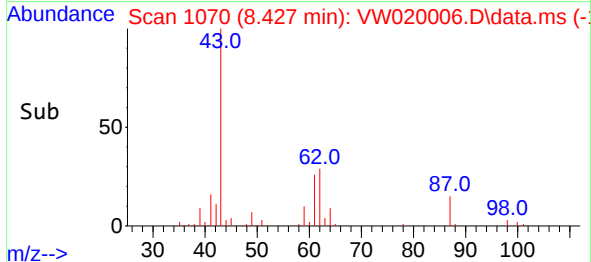
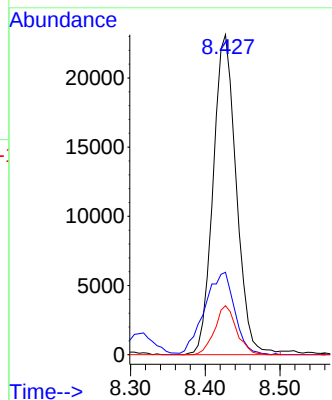
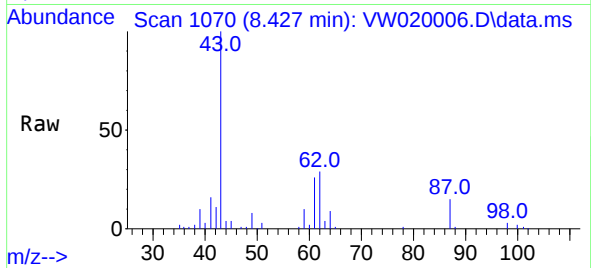
#43  
Isopropyl Acetate  
Concen: 22.555 ug/l  
RT: 8.427 min Scan# 1070  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 49717 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 33.5  | 26.6  | 39.8  |
| 87        | 14.4  | 11.0  | 16.6  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

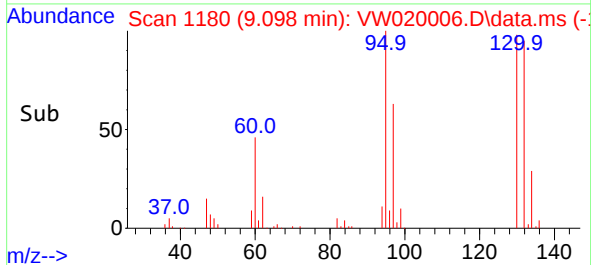
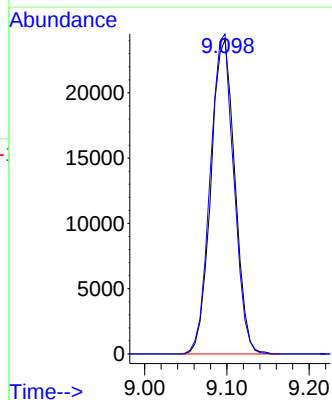
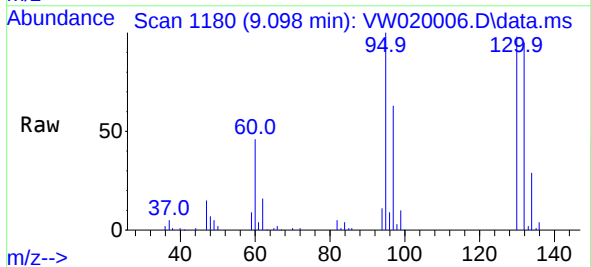
Manual Integrations  
APPROVED

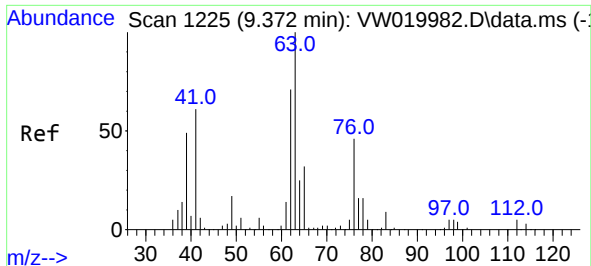
MMDadoda  
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#44  
Trichloroethene  
Concen: 21.283 ug/l  
RT: 9.098 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 48593 |
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 101.8 | 0.0   | 190.0 |





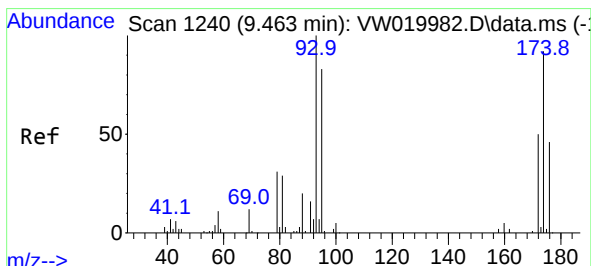
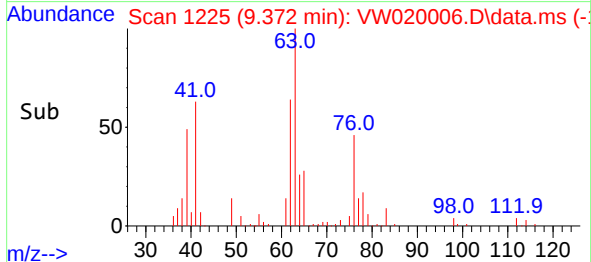
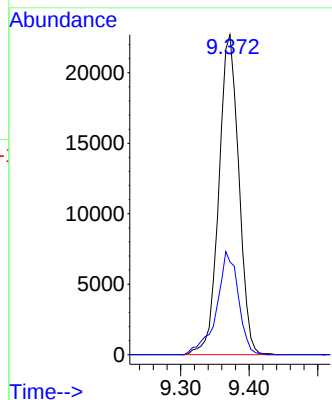
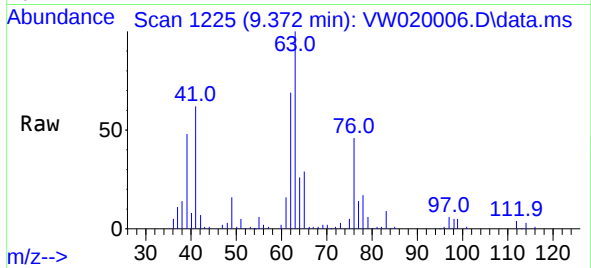
#45  
1,2-Dichloropropane  
Concen: 21.651 ug/l  
RT: 9.372 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 63 Resp: 45809  
Ion Ratio Lower Upper  
63 100  
65 29.0 25.5 38.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBS01

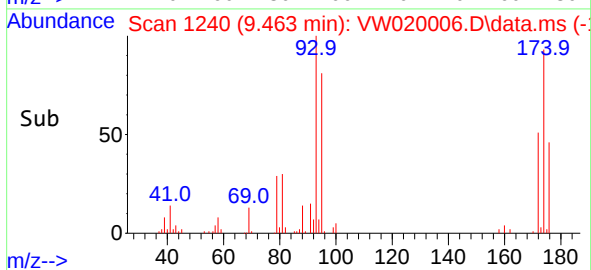
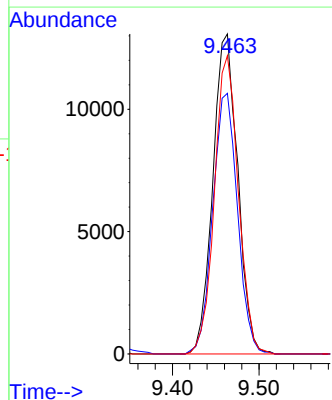
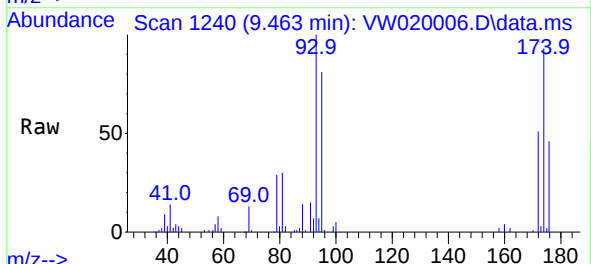
Manual Integrations  
APPROVED

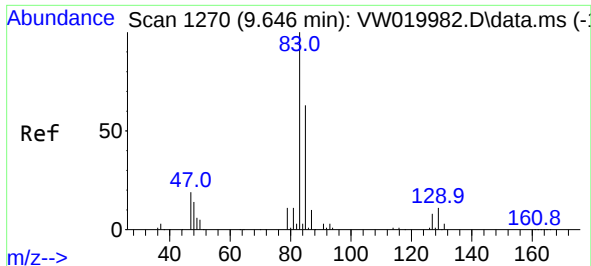
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9/10/2021 6:38:35 PM



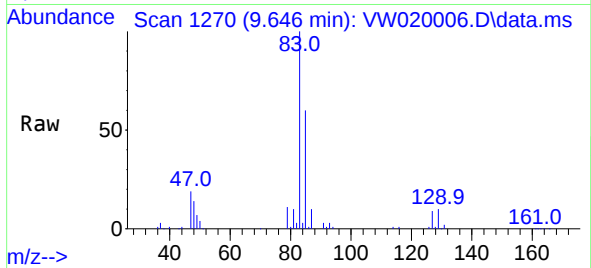
#46  
Dibromomethane  
Concen: 21.824 ug/l  
RT: 9.463 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 93 Resp: 26049  
Ion Ratio Lower Upper  
93 100  
95 81.3 65.2 97.8  
174 90.1 75.8 113.6



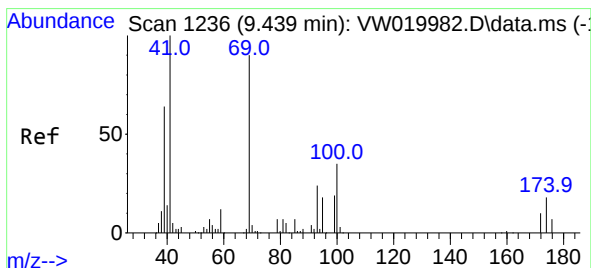
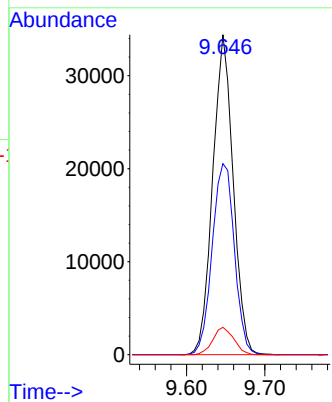
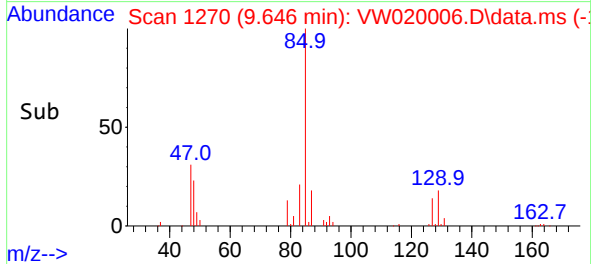


#47  
Bromodichloromethane  
Concen: 20.975 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

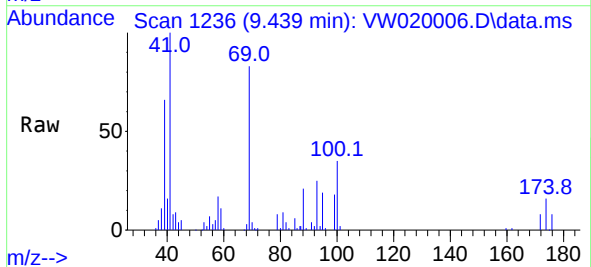


Tgt Ion: 83 Resp: 62376

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 59.7  | 50.3  | 75.5  |
| 127 | 8.5   | 6.5   | 9.7   |

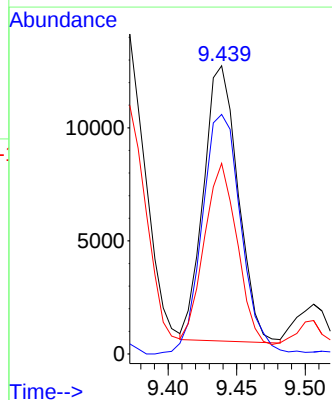
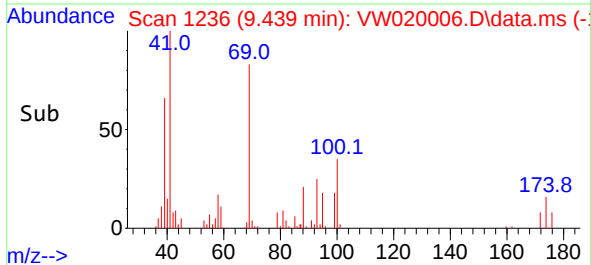


#48  
Methyl methacrylate  
Concen: 22.495 ug/l  
RT: 9.439 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



Tgt Ion: 41 Resp: 21298

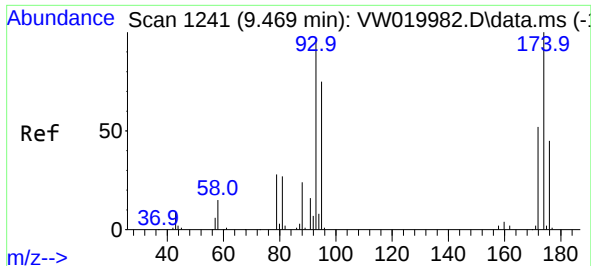
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 98.5  | 76.7  | 115.1 |
| 39  | 63.0  | 51.4  | 77.0  |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

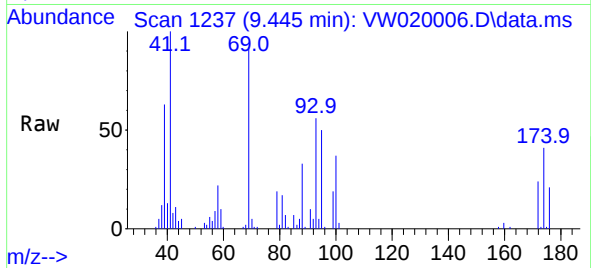
Manual Integrations  
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#49  
1,4-Dioxane  
Concen: 447.834 ug/l  
RT: 9.445 min Scan# 1237  
Delta R.T. -0.024 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

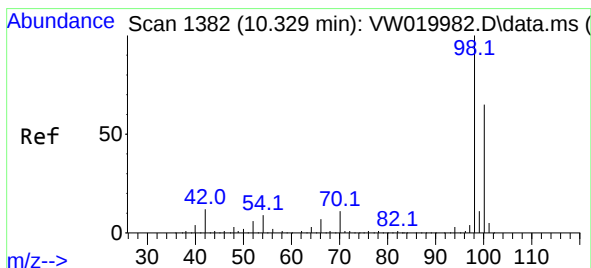
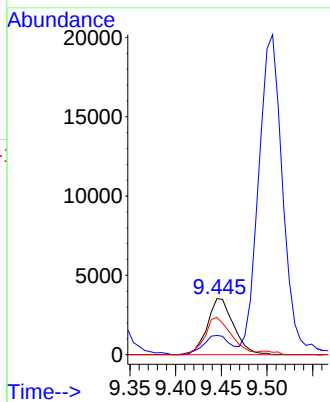
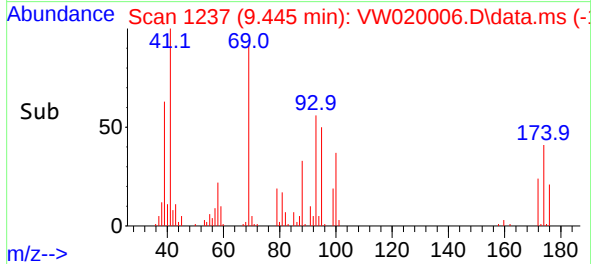
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01



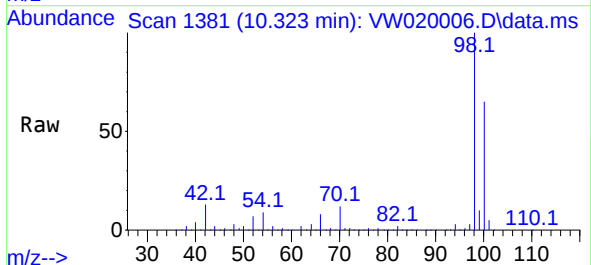
Tgt Ion: 88 Resp: 7039  
Ion Ratio Lower Upper  
88 100  
43 36.4 0.0 0.0#  
58 67.3 54.7 82.1

Manual Integrations  
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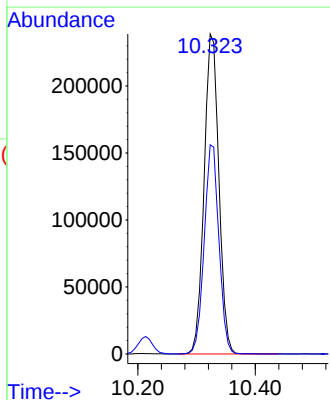
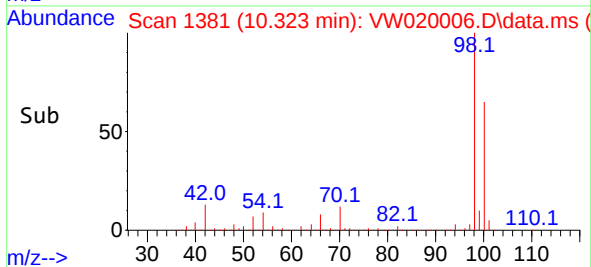
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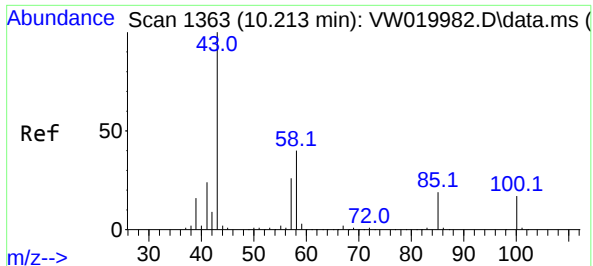


#50  
Toluene-d8  
Concen: 56.937 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



Tgt Ion: 98 Resp: 417367  
Ion Ratio Lower Upper  
98 100  
100 65.0 51.9 77.9





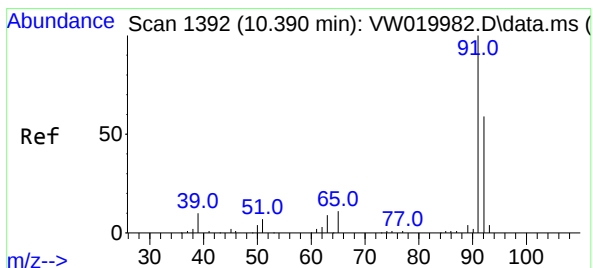
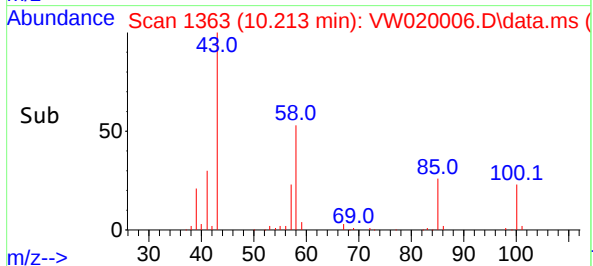
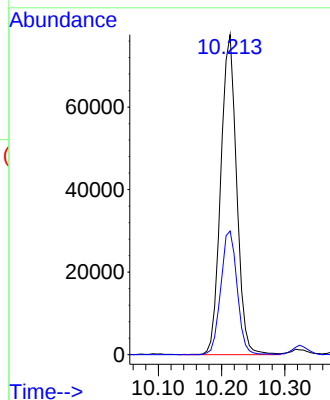
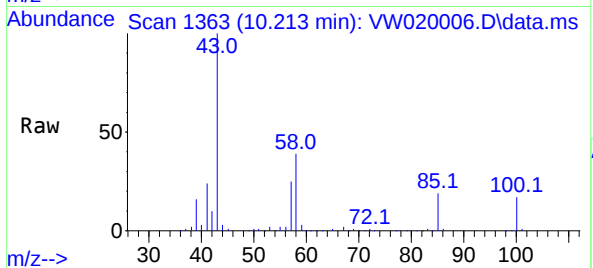
#51  
4-Methyl-2-Pentanone  
Concen: 118.029 ug/l  
RT: 10.213 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 43 Resp: 134897  
Ion Ratio Lower Upper  
43 100  
58 39.7 32.1 48.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

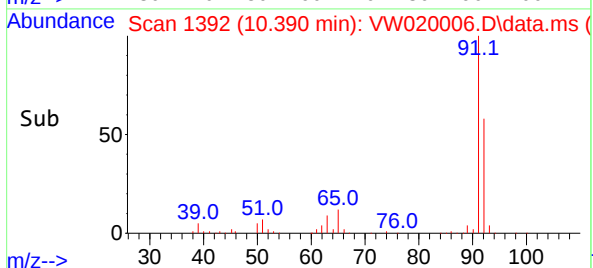
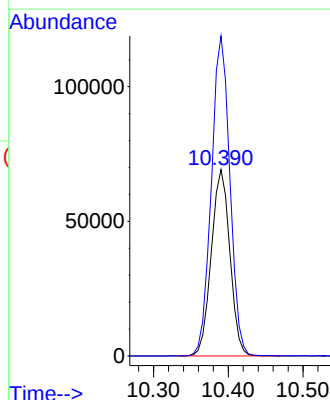
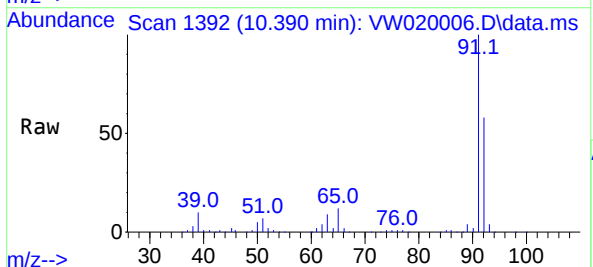
Manual Integrations  
APPROVED

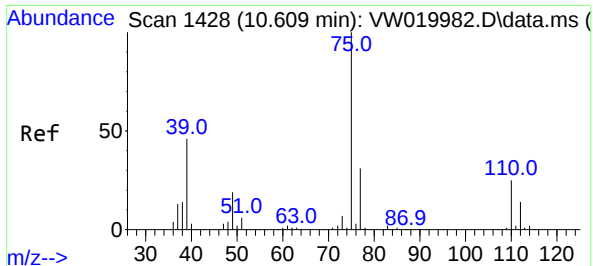
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9/10/2021 6:38:35 PM



#52  
Toluene  
Concen: 21.746 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 92 Resp: 119794  
Ion Ratio Lower Upper  
92 100  
91 171.3 136.6 205.0





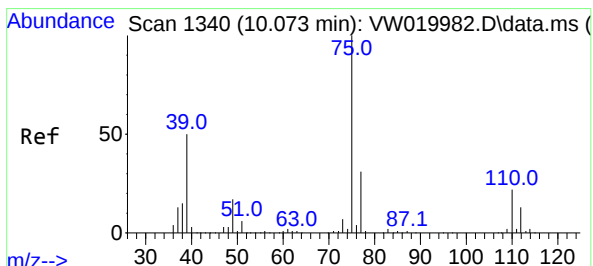
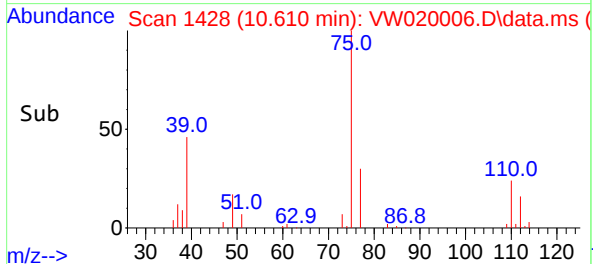
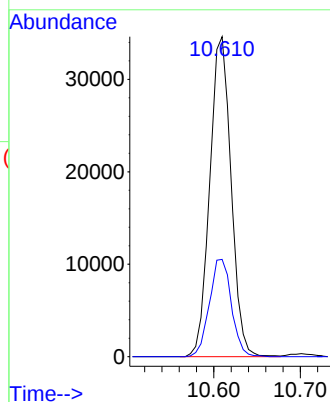
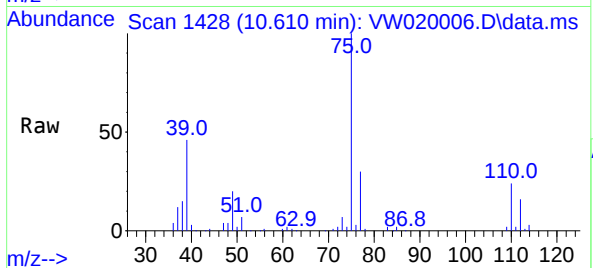
#53  
t-1,3-Dichloropropene  
Concen: 20.744 ug/l  
RT: 10.610 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 75 Resp: 59177  
Ion Ratio Lower Upper  
75 100  
77 30.4 24.9 37.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

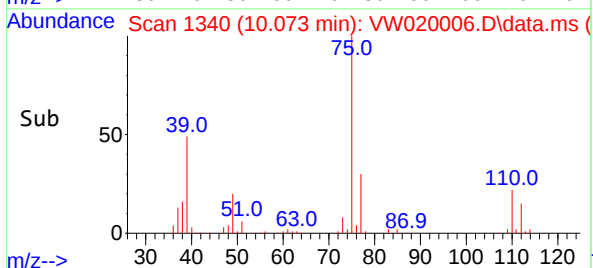
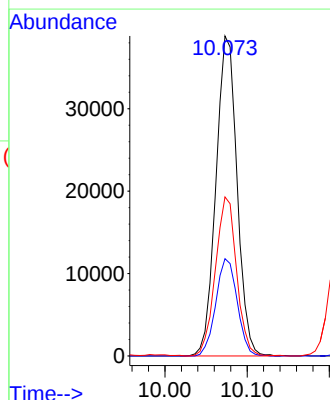
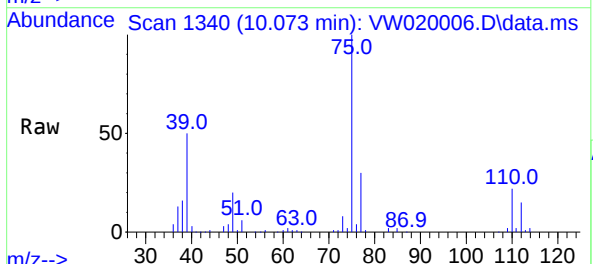
Manual Integrations  
APPROVED

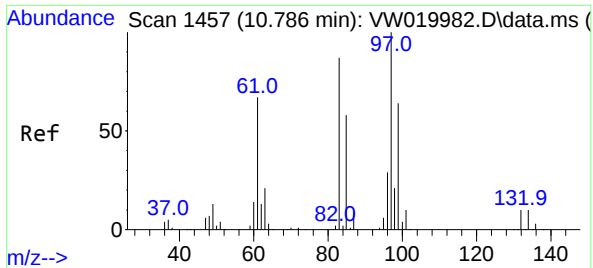
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9/10/2021 6:38:35 PM



#54  
cis-1,3-Dichloropropene  
Concen: 20.862 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 75 Resp: 69285  
Ion Ratio Lower Upper  
75 100  
77 30.4 24.8 37.2  
39 49.5 39.9 59.9





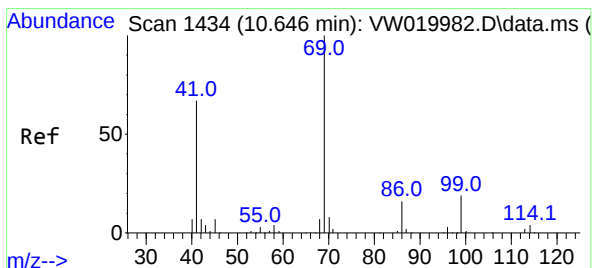
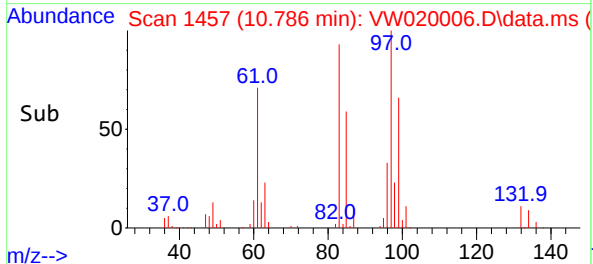
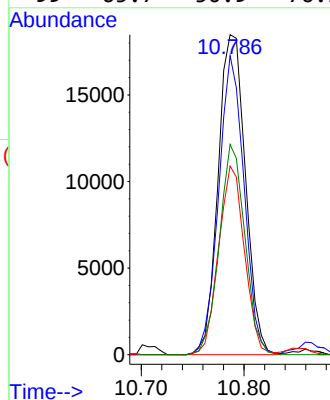
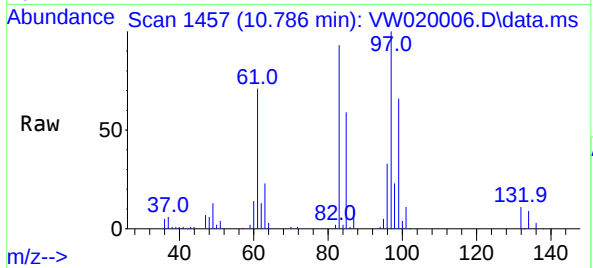
#55  
1,1,2-Trichloroethane  
Concen: 21.101 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 34134 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 93.5  | 69.8  | 104.6 |
| 85       | 58.9  | 46.6  | 69.8  |
| 99       | 65.7  | 50.9  | 76.3  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

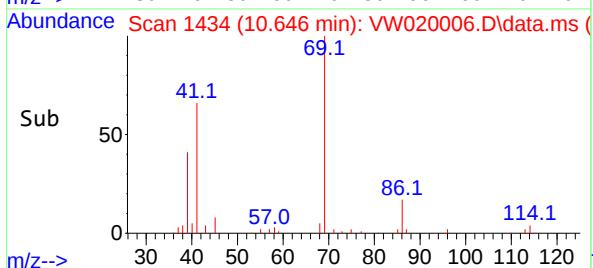
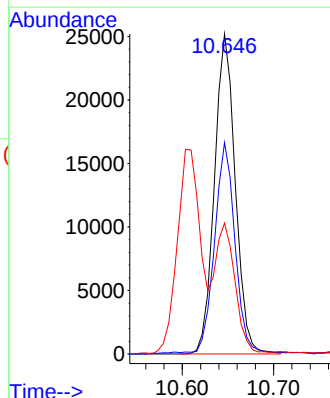
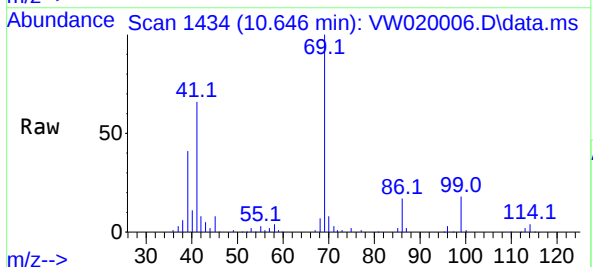
Manual Integrations  
APPROVED

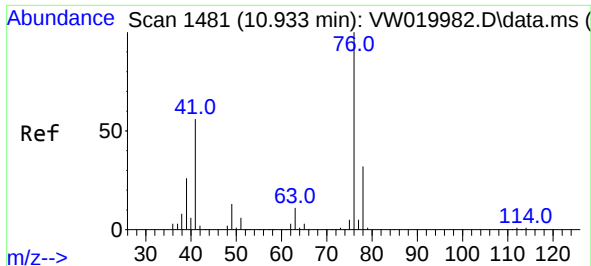
MMDadoda  
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#56  
Ethyl methacrylate  
Concen: 21.513 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 39876 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.9  | 50.6  | 76.0  |
| 39       | 39.0  | 31.2  | 46.8  |





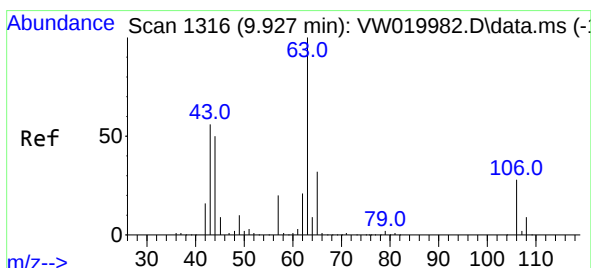
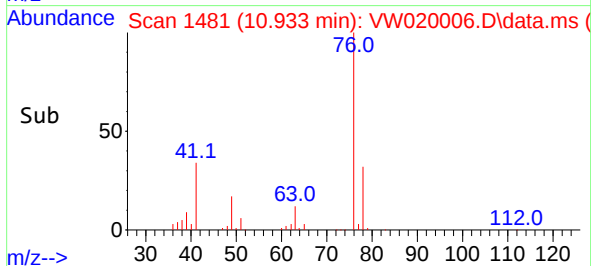
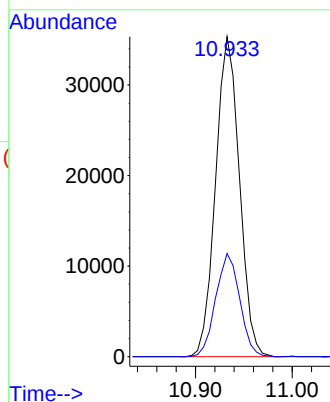
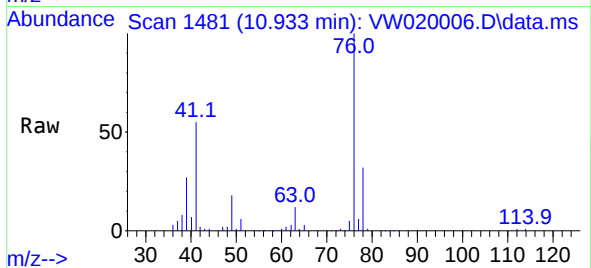
#57  
1,3-Dichloropropane  
Concen: 21.796 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 76 Resp: 60488  
Ion Ratio Lower Upper  
76 100  
78 32.4 26.6 40.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

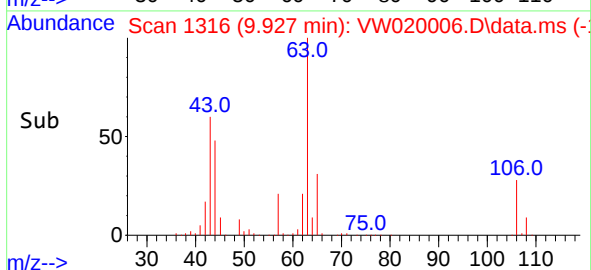
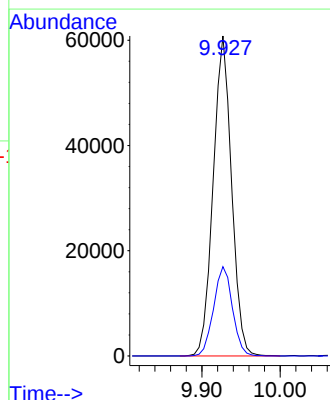
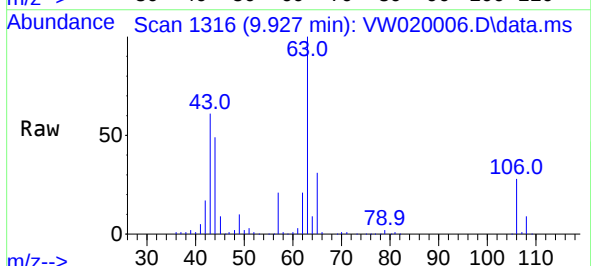
Manual Integrations  
APPROVED

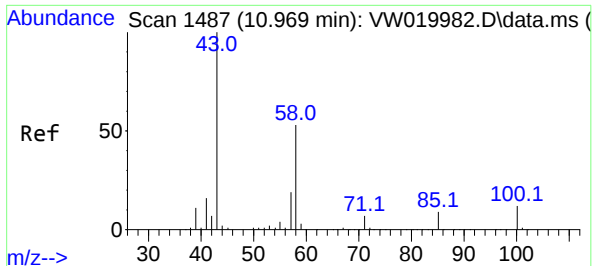
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#58  
2-Chloroethyl Vinyl ether  
Concen: 119.899 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 63 Resp: 99037  
Ion Ratio Lower Upper  
63 100  
106 28.6 22.9 34.3





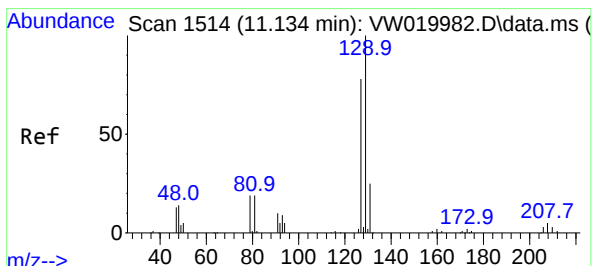
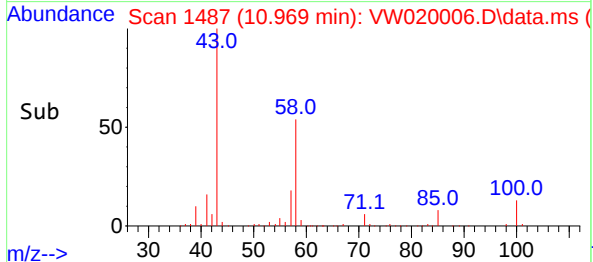
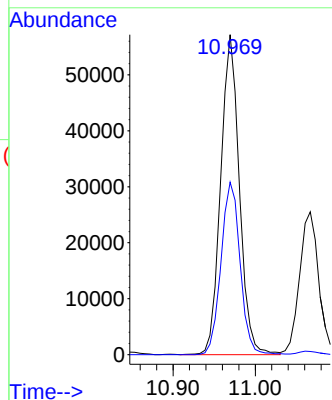
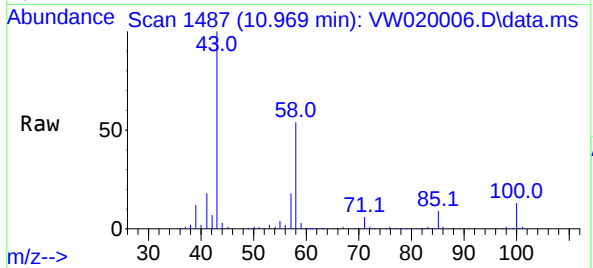
#59  
2-Hexanone  
Concen: 118.275 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 43 Resp: 90338  
Ion Ratio Lower Upper  
43 100  
58 55.1 27.4 82.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

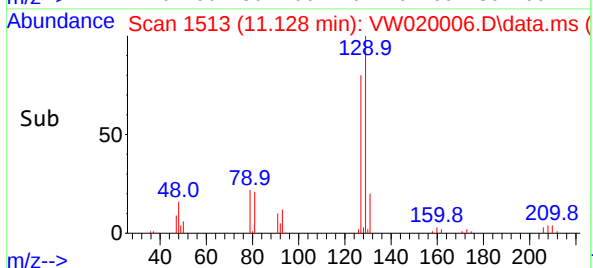
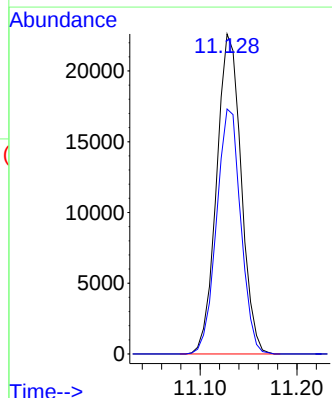
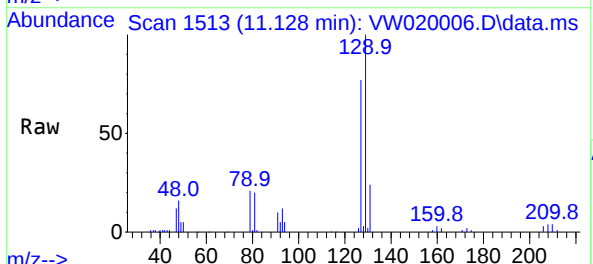
Manual Integrations  
APPROVED

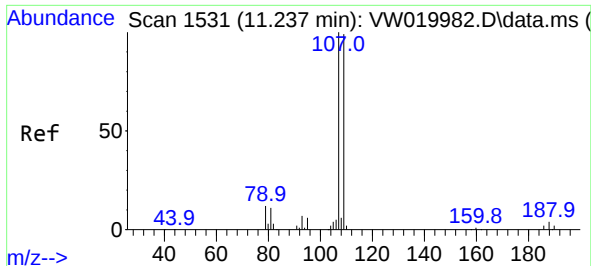
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 21.284 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

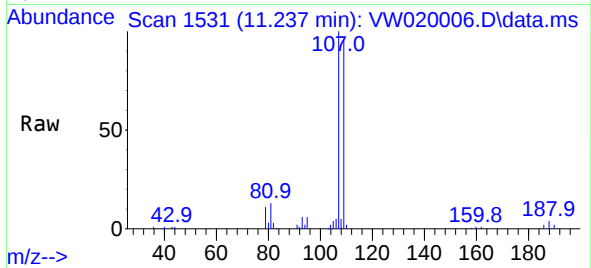
Tgt Ion: 129 Resp: 39857  
Ion Ratio Lower Upper  
129 100  
127 75.4 38.9 116.7





#61  
1,2-Dibromoethane  
Concen: 21.680 ug/l  
RT: 11.237 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

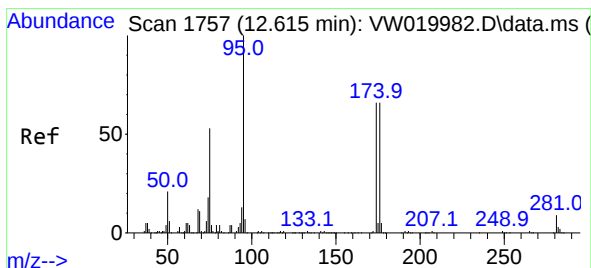
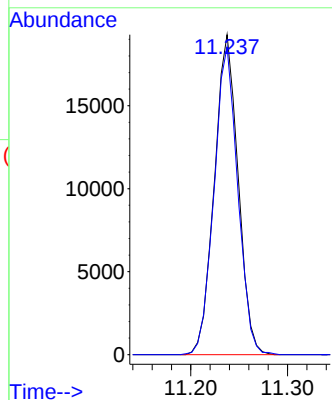
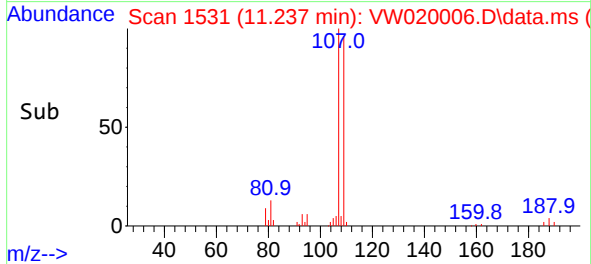
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01



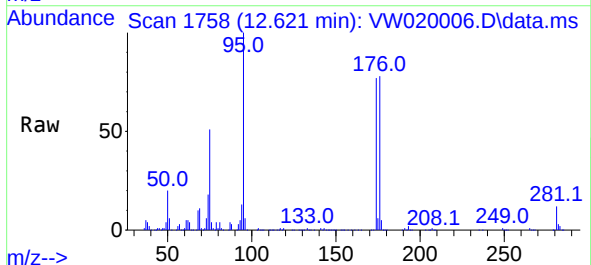
Tgt Ion:107 Resp: 32838  
Ion Ratio Lower Upper  
107 100  
109 95.8 76.4 114.6

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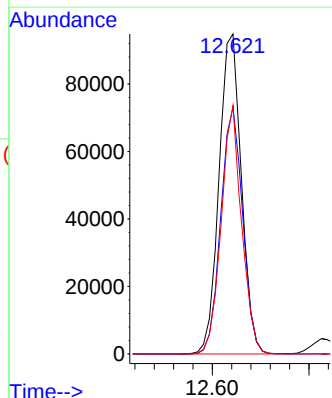
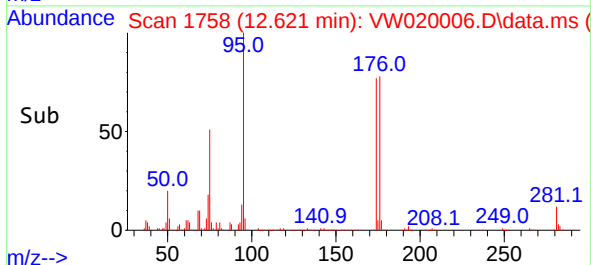
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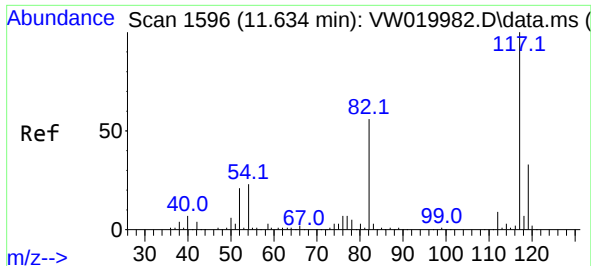


#62  
4-Bromofluorobenzene  
Concen: 55.847 ug/l  
RT: 12.621 min Scan# 1758  
Delta R.T. 0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

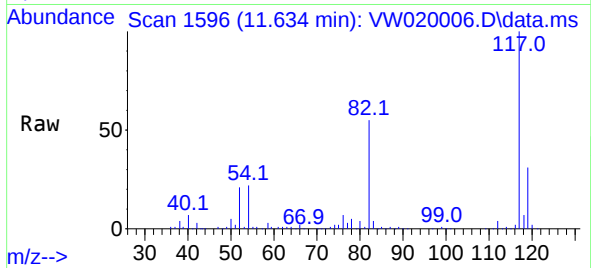


Tgt Ion: 95 Resp: 151474  
Ion Ratio Lower Upper  
95 100  
174 75.8 0.0 145.2  
176 70.9 0.0 146.4

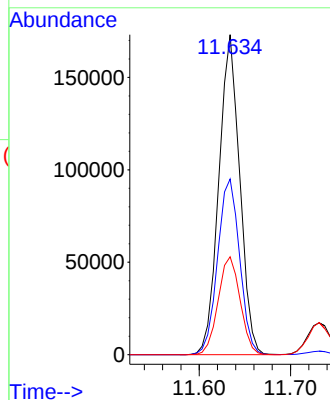
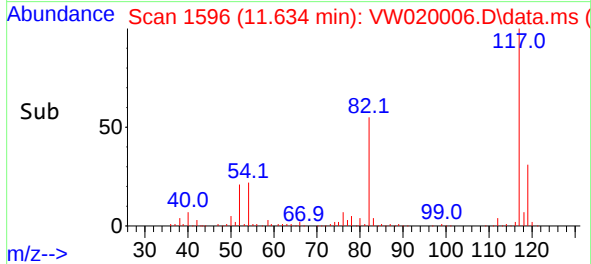




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



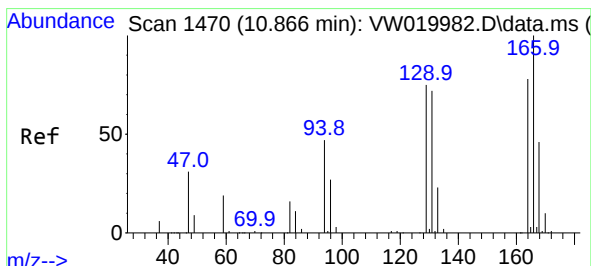
Tgt Ion:117 Resp: 275562  
Ion Ratio Lower Upper  
117 100  
82 54.9 45.0 67.4  
119 30.6 26.2 39.2



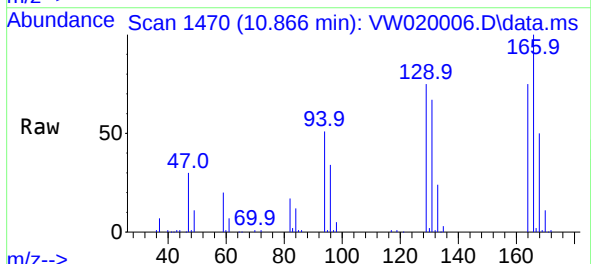
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

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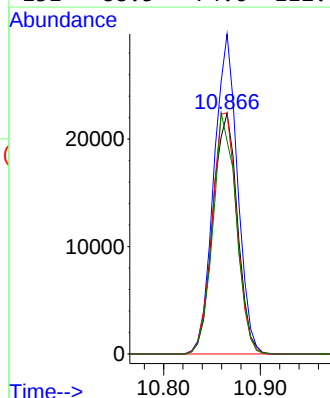
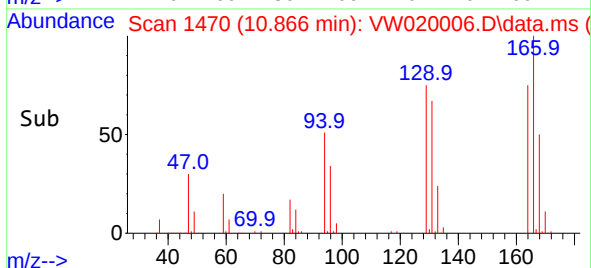
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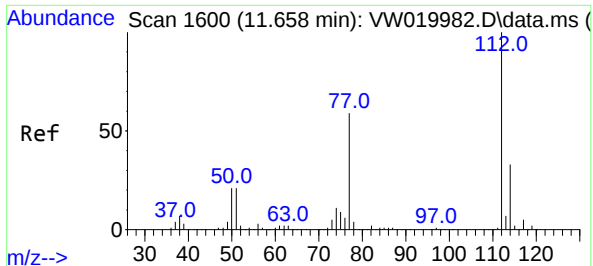


#64  
Tetrachloroethene  
Concen: 20.722 ug/l  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



Tgt Ion:164 Resp: 39621  
Ion Ratio Lower Upper  
164 100  
166 133.0 103.1 154.7  
129 100.3 77.7 116.5  
131 88.5 74.6 112.0





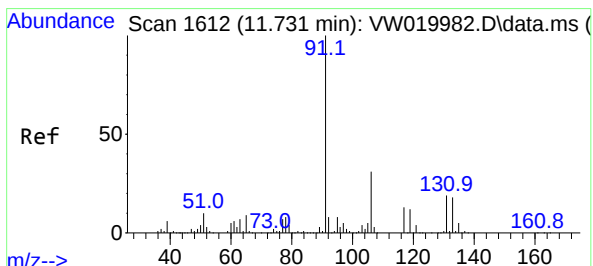
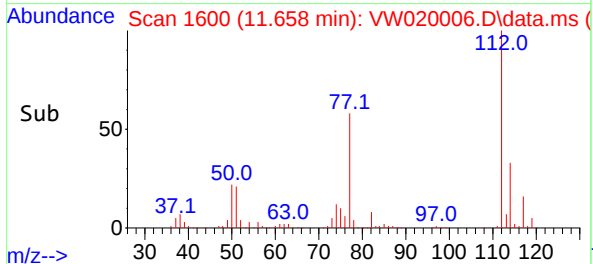
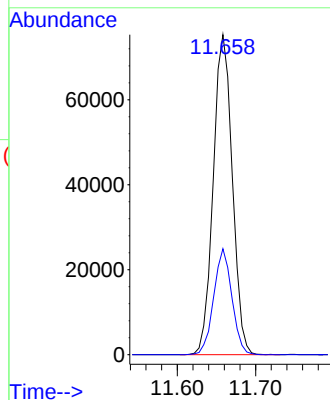
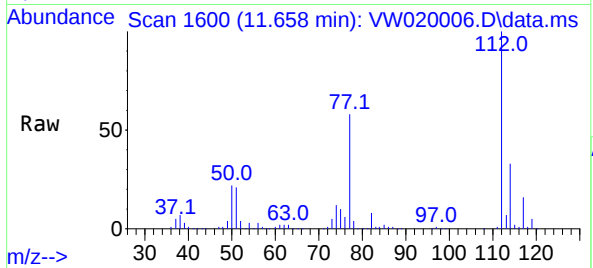
#65  
Chlorobenzene  
Concen: 21.505 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

Tgt Ion:112 Resp: 127369  
Ion Ratio Lower Upper  
112 100  
114 33.1 26.1 39.1

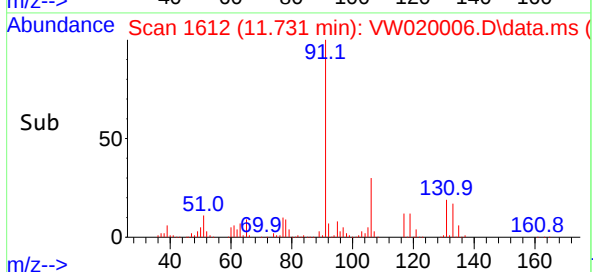
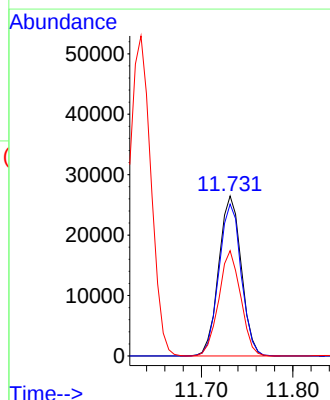
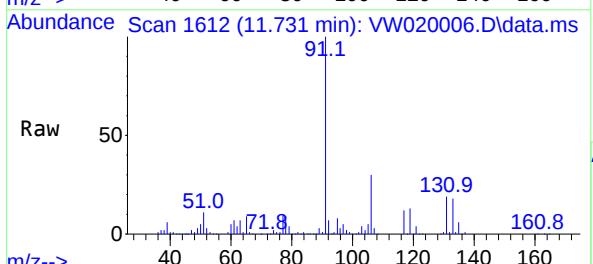
Manual Integrations  
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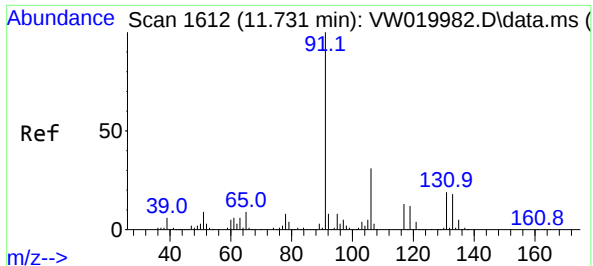
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.494 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

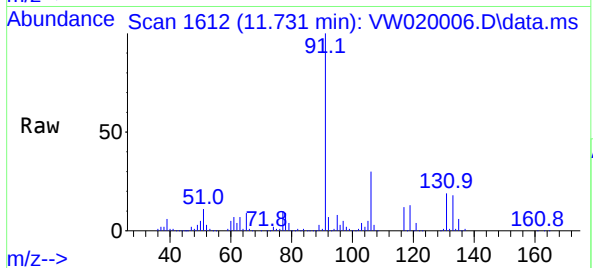
Tgt Ion:131 Resp: 45369  
Ion Ratio Lower Upper  
131 100  
133 94.2 46.6 139.8  
119 64.2 32.8 98.4





#67  
Ethyl Benzene  
Concen: 21.325 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

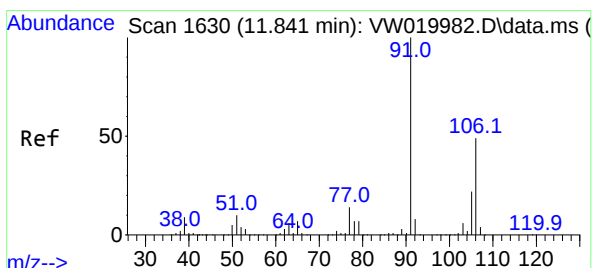
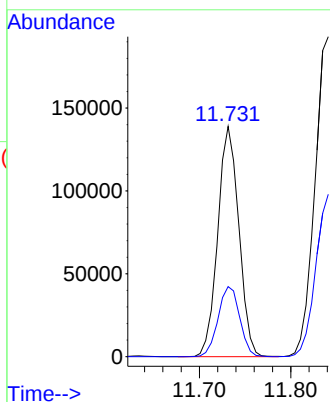
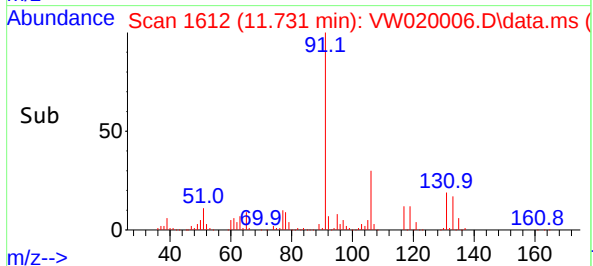
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01



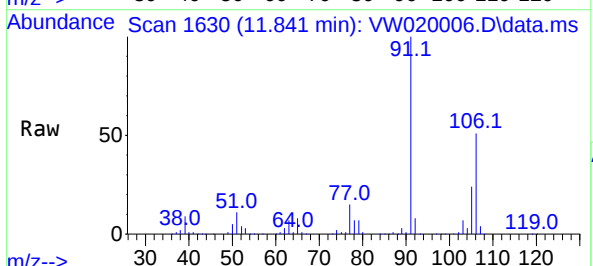
Tgt Ion: 91 Resp: 222829  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.7 37.1

Manual Integrations  
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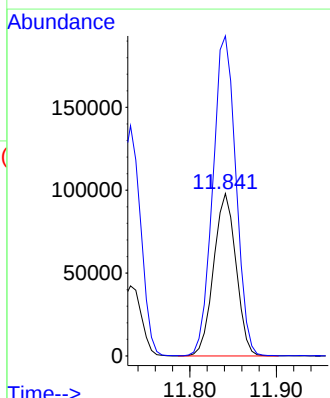
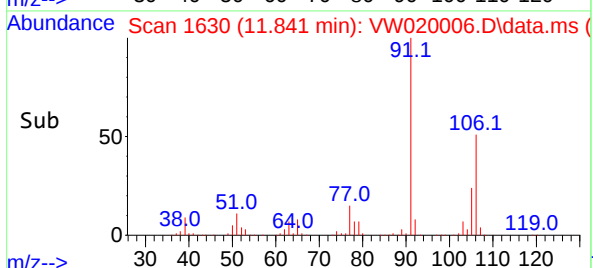
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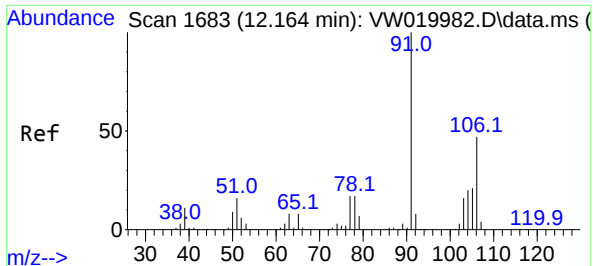


#68  
m/p-Xylenes  
Concen: 42.650 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



Tgt Ion: 106 Resp: 175877  
Ion Ratio Lower Upper  
106 100  
91 203.1 166.8 250.2





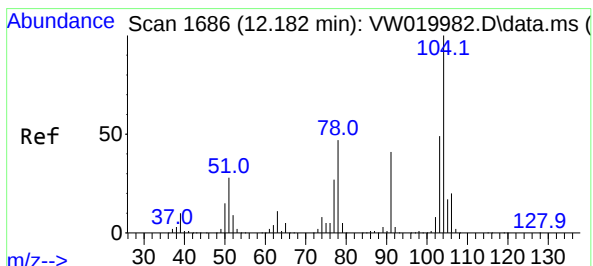
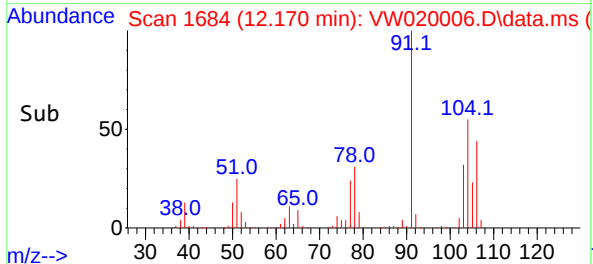
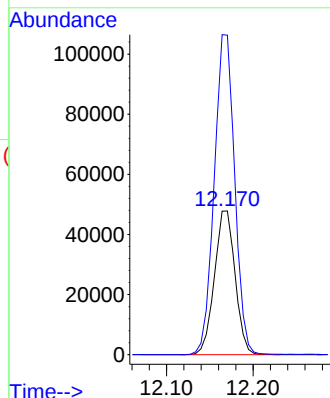
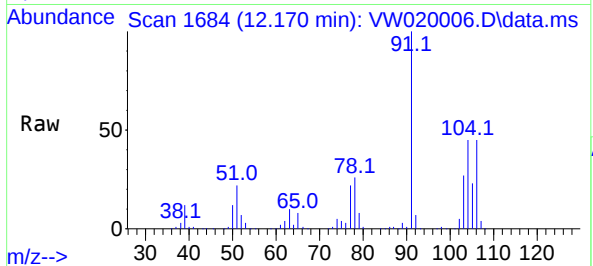
#69  
o-Xylene  
Concen: 20.080 ug/l  
RT: 12.170 min Scan# 1684  
Delta R.T. 0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

Tgt Ion:106 Resp: 79327  
Ion Ratio Lower Upper  
106 100  
91 220.7 109.2 327.6

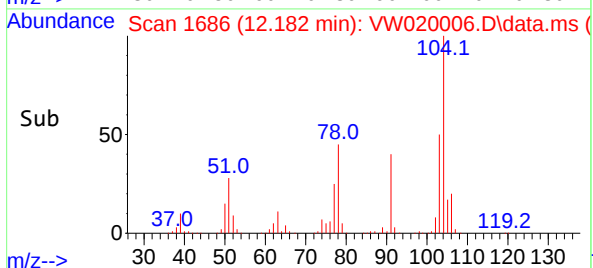
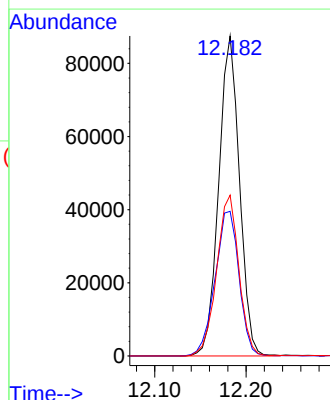
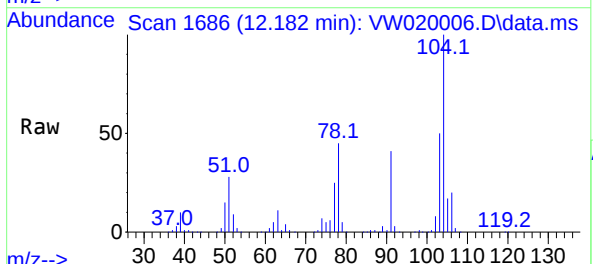
Manual Integrations  
APPROVED

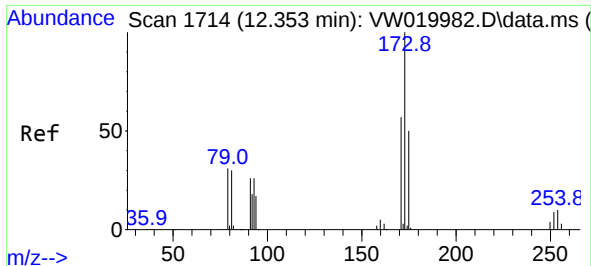
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9/10/2021 6:38:35 PM



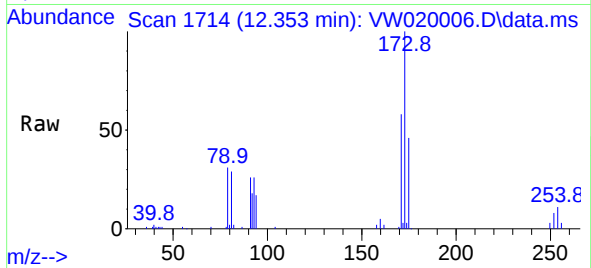
#70  
Styrene  
Concen: 20.578 ug/l  
RT: 12.182 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion:104 Resp: 138305  
Ion Ratio Lower Upper  
104 100  
78 52.2 42.6 63.8  
103 53.9 43.8 65.6

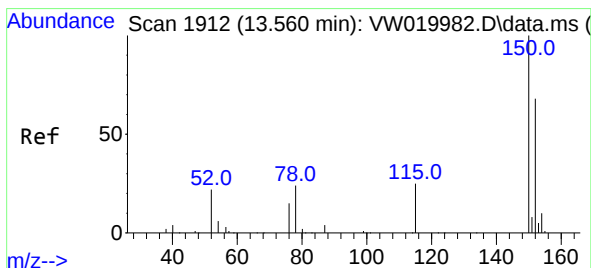
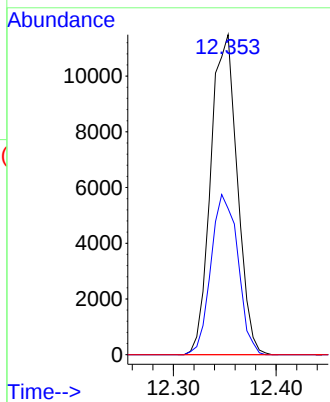
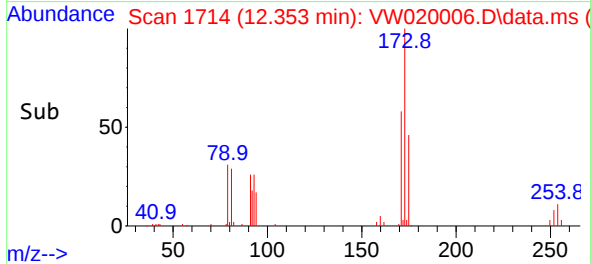




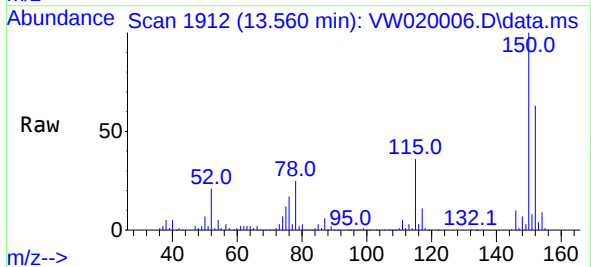
#71  
Bromoform  
Concen: 19.807 ug/l  
RT: 12.353 min Scan# 1714  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



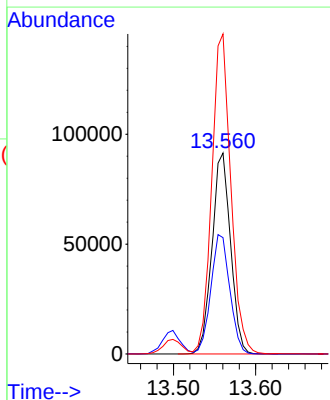
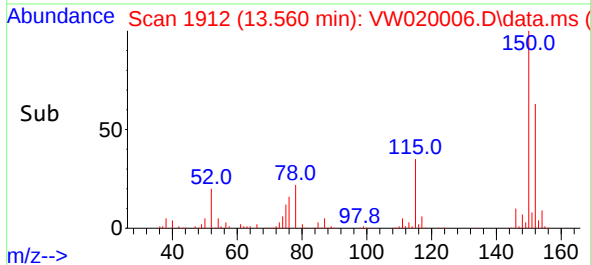
Tgt Ion:173 Resp: 20584  
Ion Ratio Lower Upper  
173 100  
175 50.9 24.6 73.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



Tgt Ion:152 Resp: 143663  
Ion Ratio Lower Upper  
152 100  
115 60.6 30.8 92.3  
150 163.5 0.0 359.2

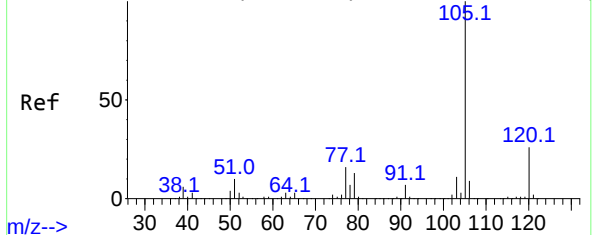


Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

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Abundance Scan 1732 (12.463 min): VW019982.D\data.ms (



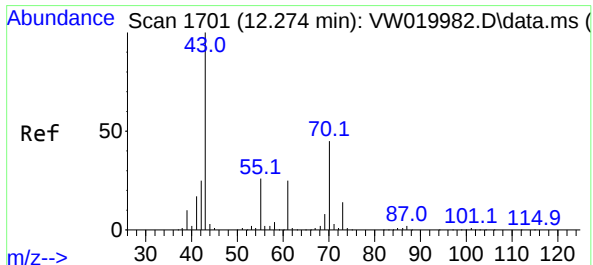
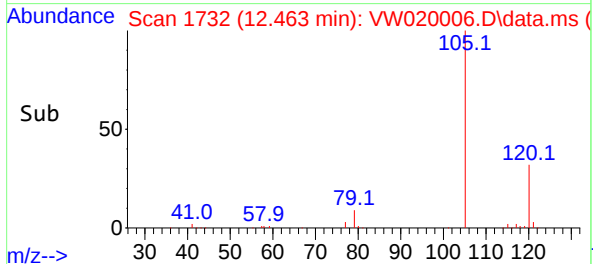
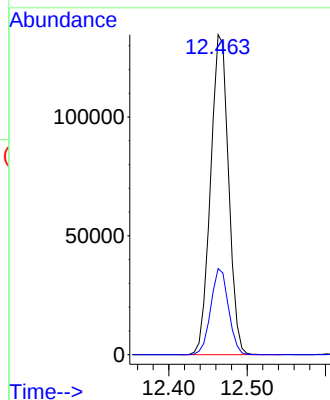
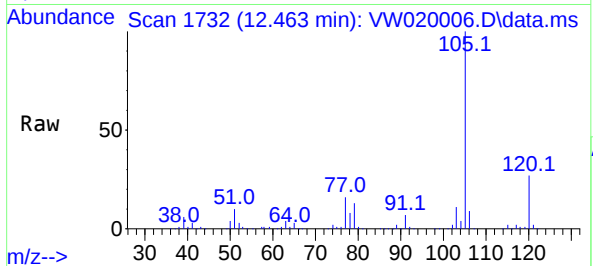
#73  
Isopropylbenzene  
Concen: 20.321 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 105 Resp: 214715  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.0 39.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

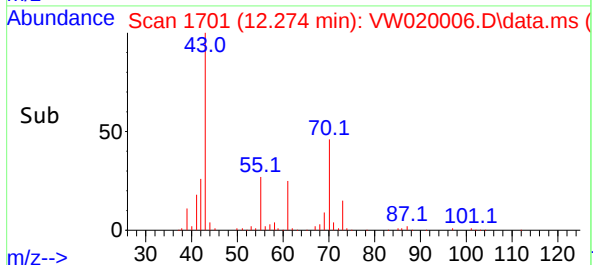
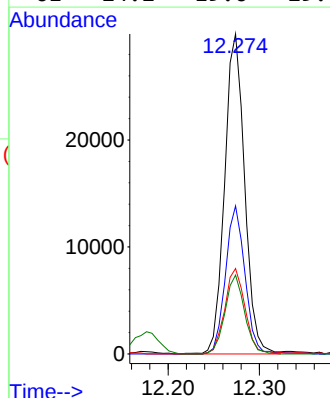
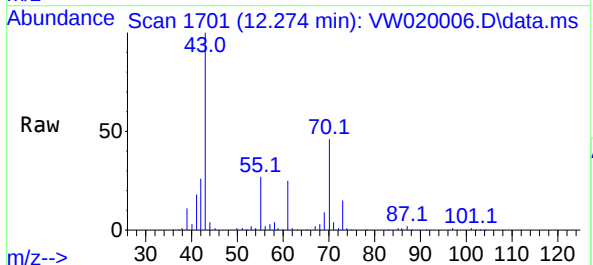
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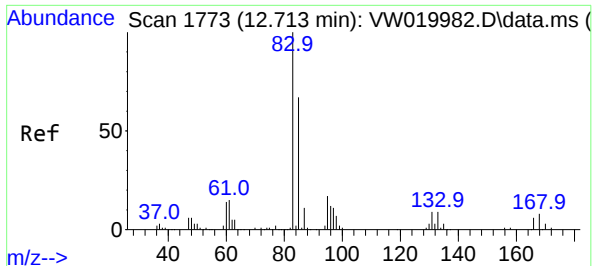
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#74  
N-ethyl acetate  
Concen: 21.460 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 43 Resp: 45572  
Ion Ratio Lower Upper  
43 100  
70 45.2 35.1 52.7  
55 27.3 21.4 32.2  
61 24.2 19.6 29.4





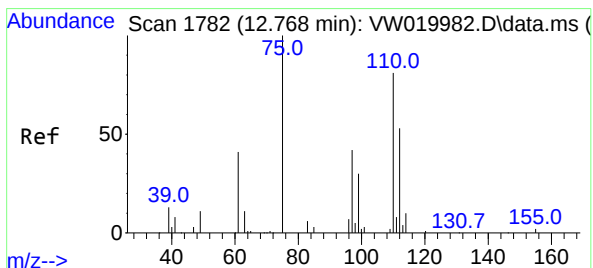
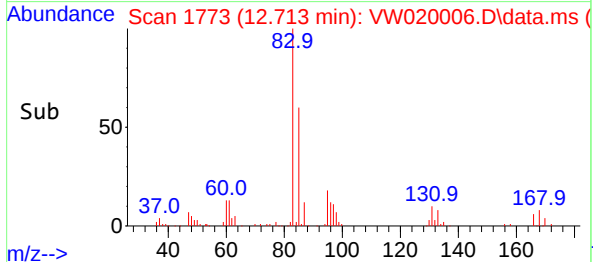
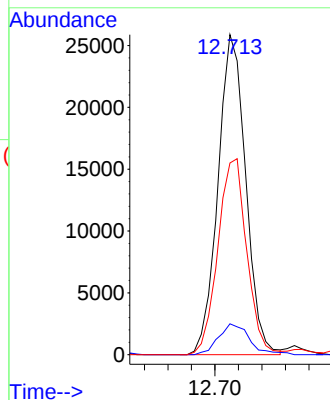
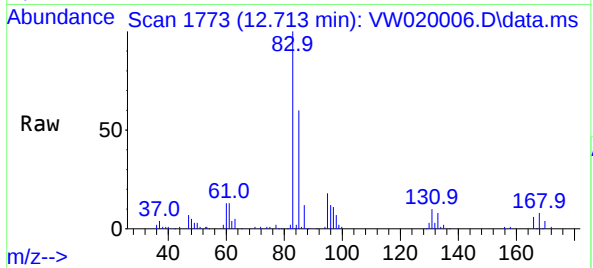
#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.767 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 83 Resp: 42498  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.3 15.8  
85 63.6 32.8 98.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

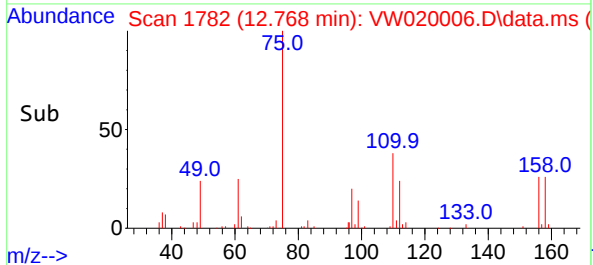
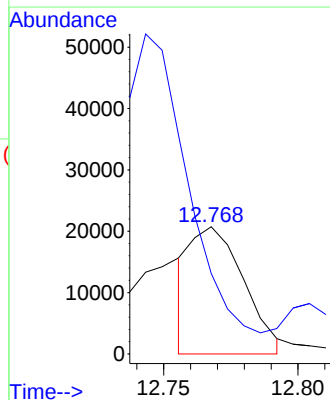
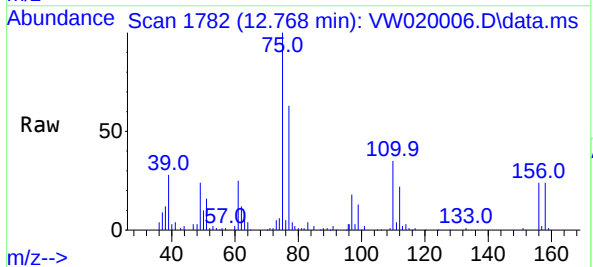
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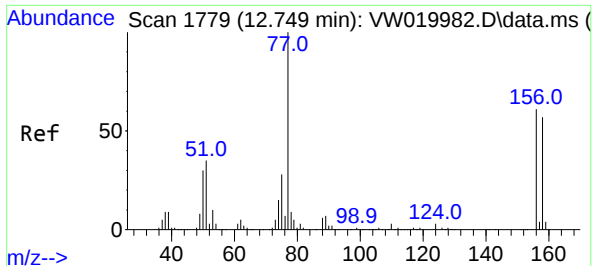
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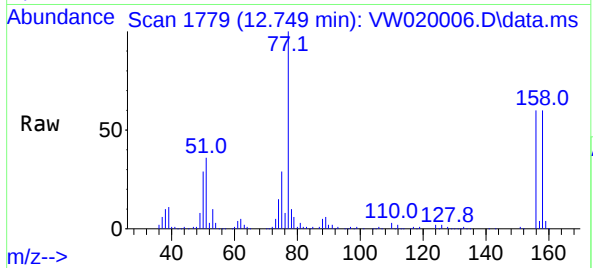
#76  
1,2,3-Trichloropropane  
Concen: 21.335 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 75 Resp: 28471  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

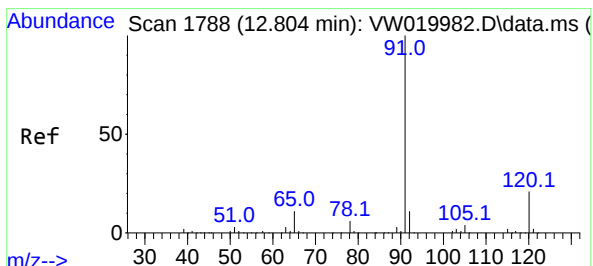
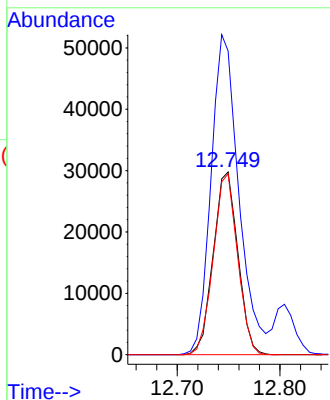
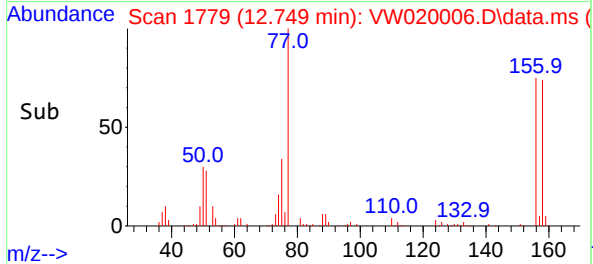




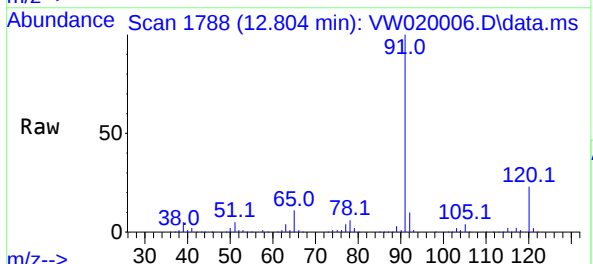
#77  
Bromobenzene  
Concen: 21.029 ug/l  
RT: 12.749 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



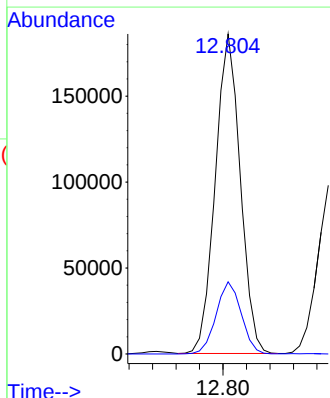
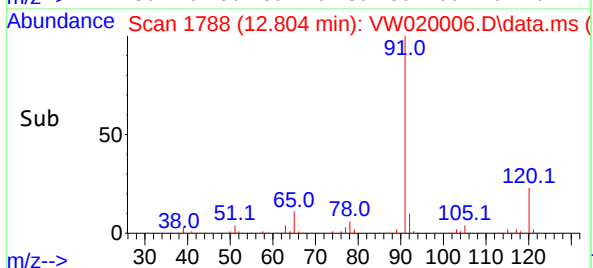
Tgt Ion: 156 Resp: 49587  
Ion Ratio Lower Upper  
156 100  
77 196.7 96.6 289.8  
158 97.0 48.6 145.9



#78  
n-propylbenzene  
Concen: 20.437 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



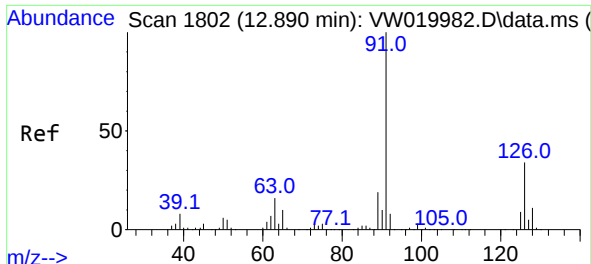
Tgt Ion: 91 Resp: 274577  
Ion Ratio Lower Upper  
91 100  
120 22.6 10.9 32.7



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

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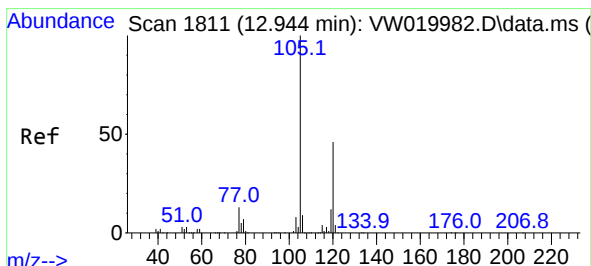
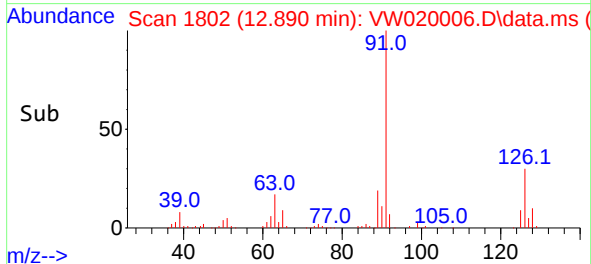
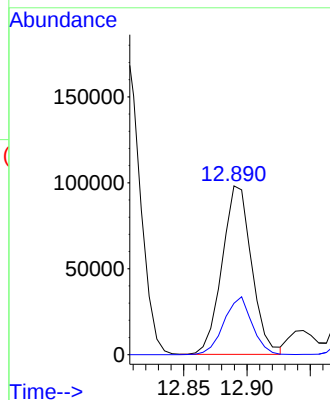
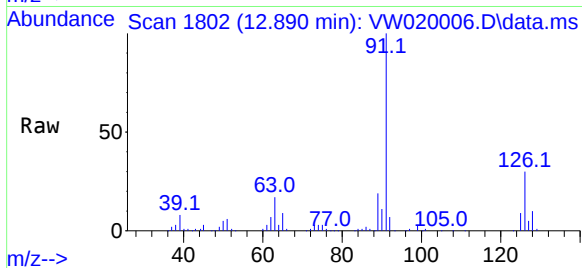
#79  
2-Chlorotoluene  
Concen: 21.416 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 91 Resp: 159557  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.4 49.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

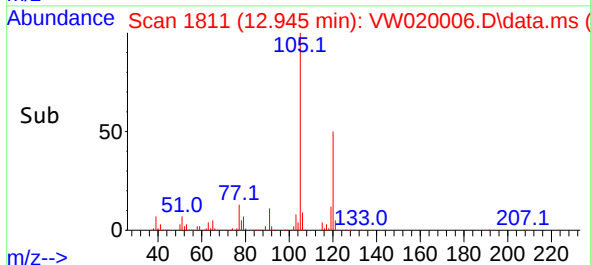
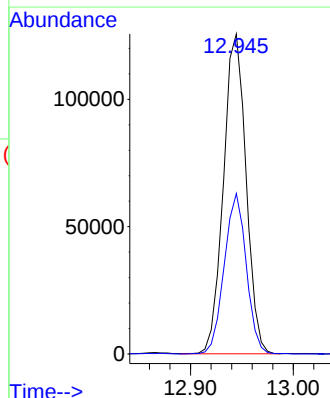
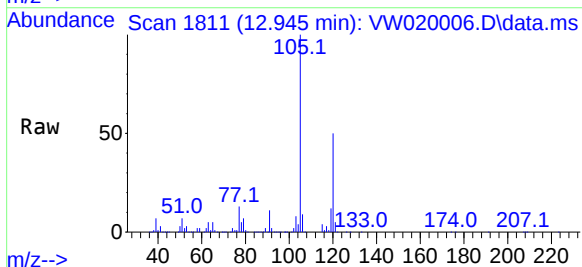
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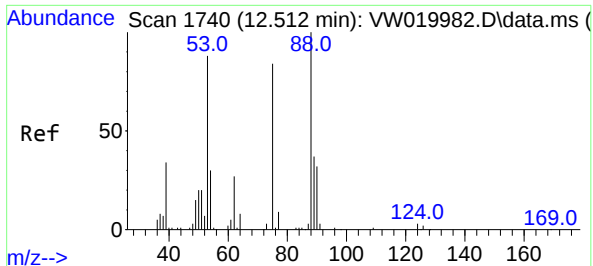
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#80  
1,3,5-Trimethylbenzene  
Concen: 20.327 ug/l  
RT: 12.945 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

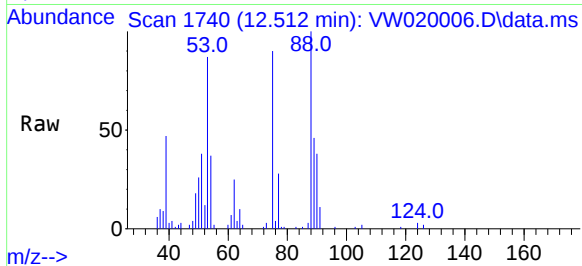
Tgt Ion: 105 Resp: 191515  
Ion Ratio Lower Upper  
105 100  
120 48.9 23.8 71.4





#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.919 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

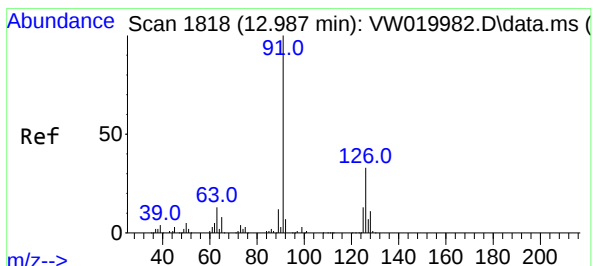
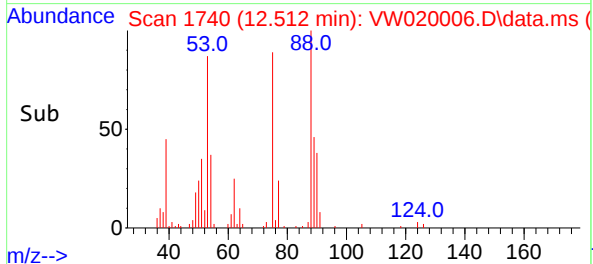
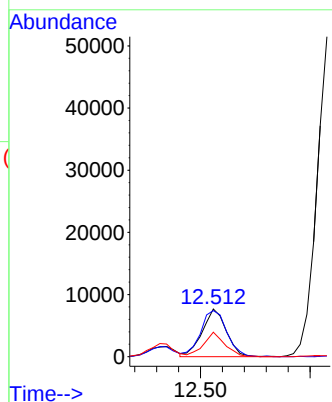
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 105.8 | 86.1  | 129.1 |
| 89      | 45.0  | 37.7  | 56.5  |

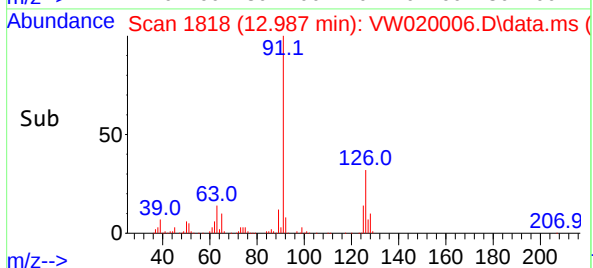
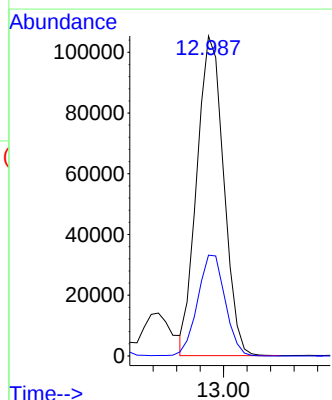
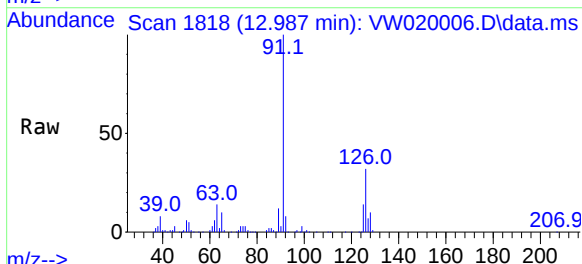
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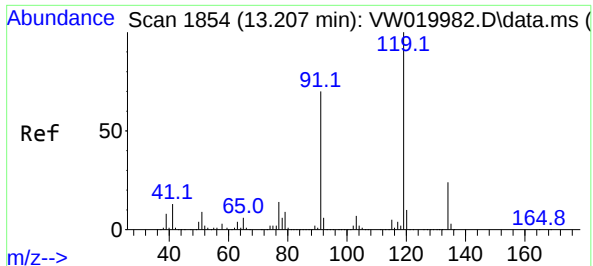
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#82  
4-Chlorotoluene  
Concen: 21.302 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

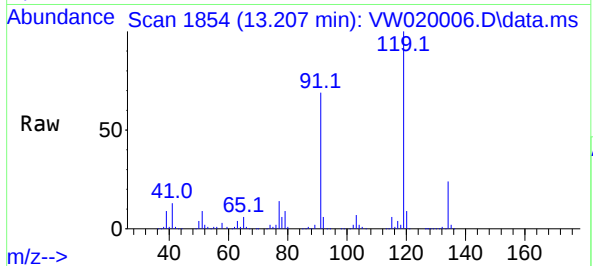
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.5  | 16.1  | 48.2  |





#83  
tert-Butylbenzene  
Concen: 20.320 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

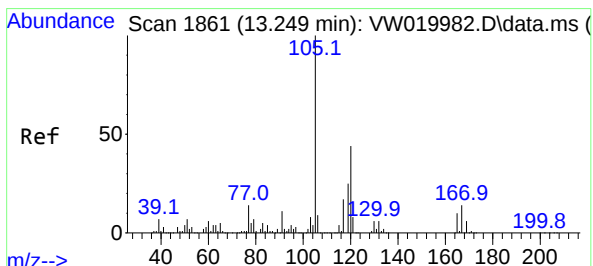
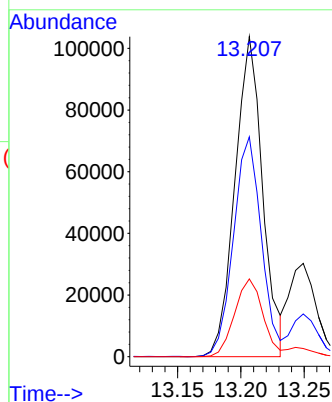
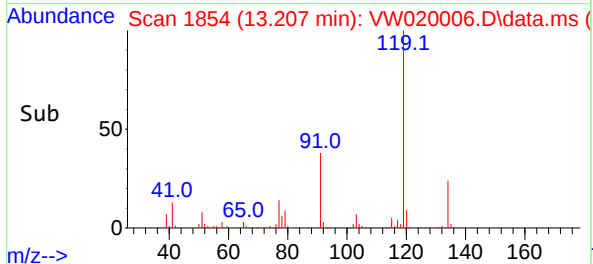
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01



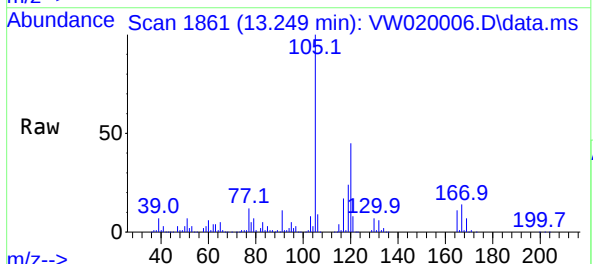
Tgt Ion:119 Resp: 158104  
Ion Ratio Lower Upper  
119 100  
91 69.3 35.0 105.0  
134 25.3 12.4 37.2

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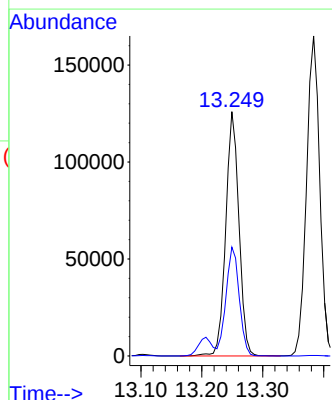
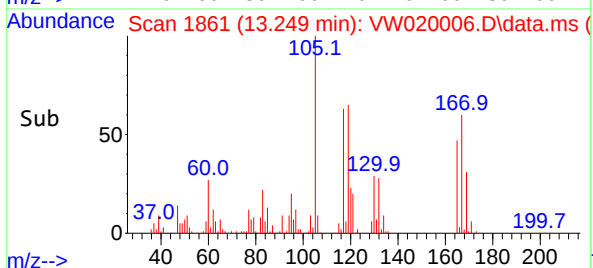
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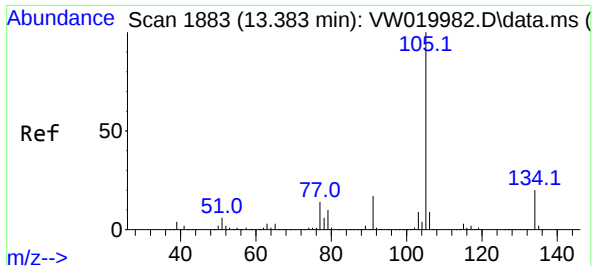


#84  
1,2,4-Trimethylbenzene  
Concen: 20.544 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



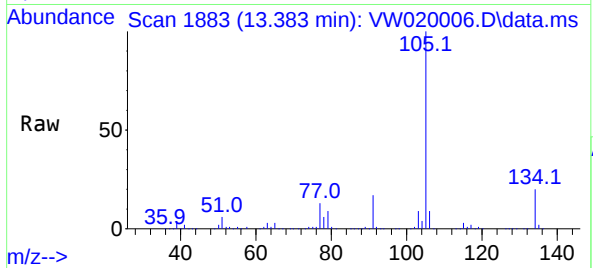
Tgt Ion:105 Resp: 189664  
Ion Ratio Lower Upper  
105 100  
120 44.5 21.4 64.3





#85  
sec-Butylbenzene  
Concen: 20.564 ug/l  
RT: 13.383 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

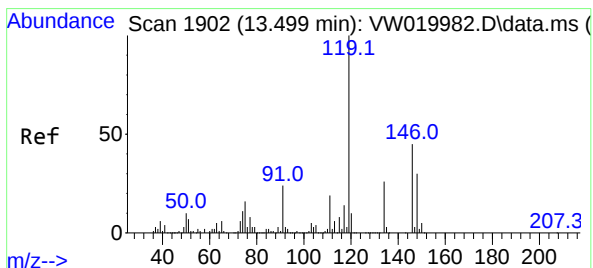
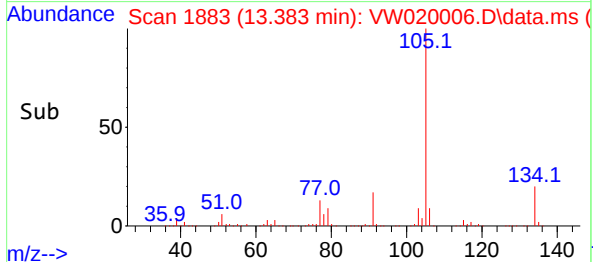
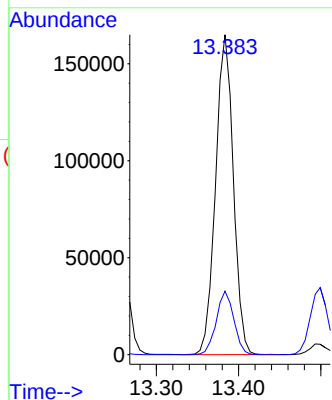
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01



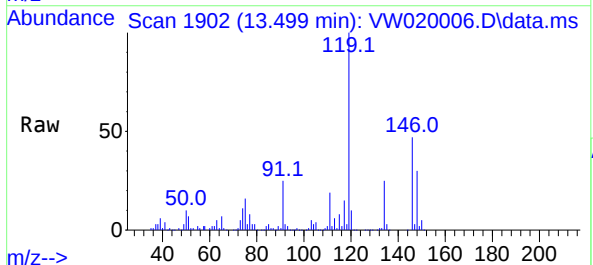
Tgt Ion:105 Resp: 247394  
Ion Ratio Lower Upper  
105 100  
134 19.6 10.1 30.1

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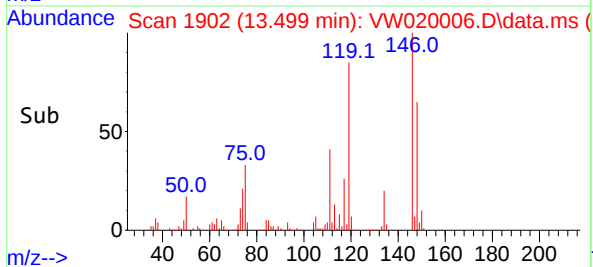
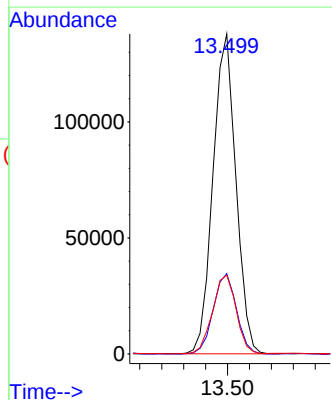
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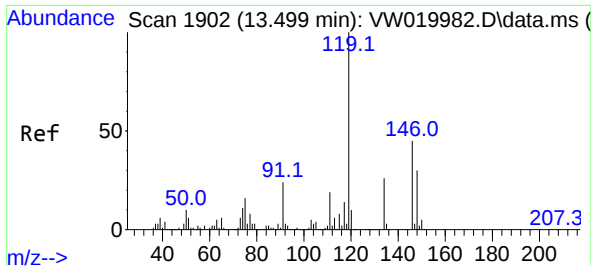


#86  
p-Isopropyltoluene  
Concen: 19.812 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

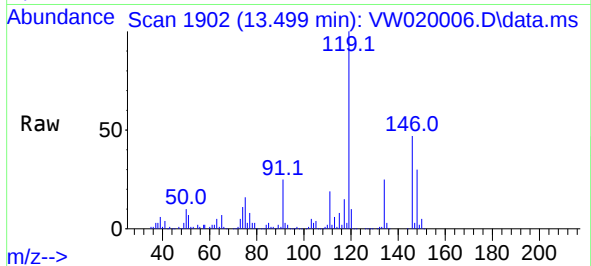


Tgt Ion:119 Resp: 199996  
Ion Ratio Lower Upper  
119 100  
134 25.5 12.8 38.4  
91 25.3 12.4 37.0

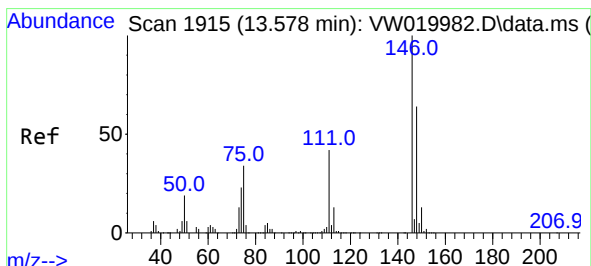
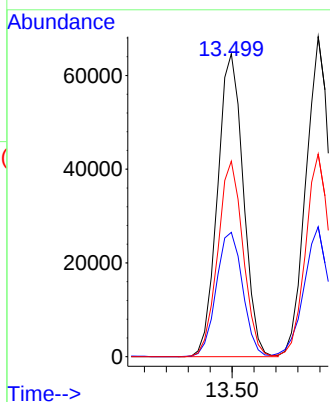
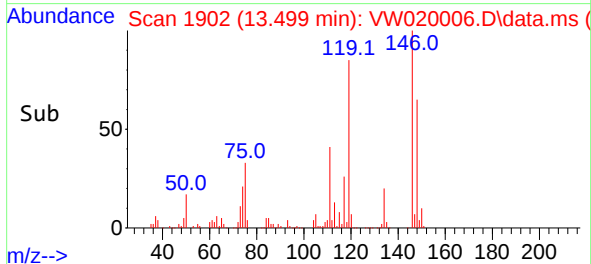




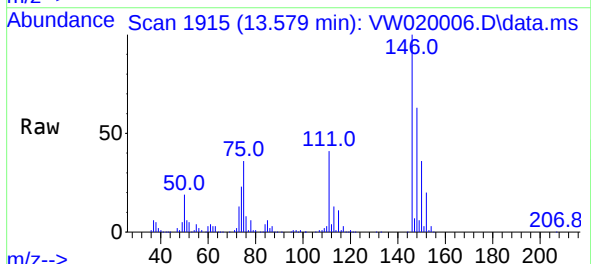
#87  
1,3-Dichlorobenzene  
Concen: 21.108 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



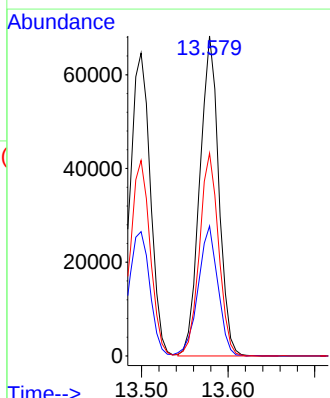
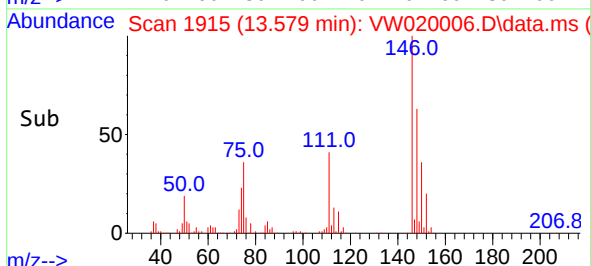
Tgt Ion:146 Resp: 105535  
Ion Ratio Lower Upper  
146 100  
111 42.1 21.4 64.2  
148 63.4 32.0 96.2



#88  
1,4-Dichlorobenzene  
Concen: 21.002 ug/l  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14



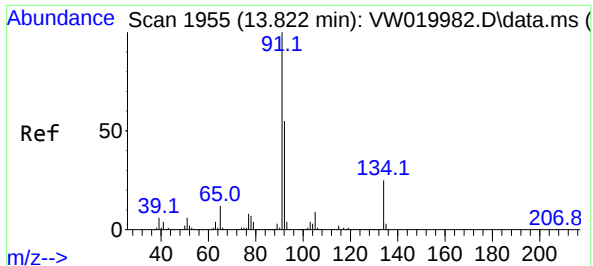
Tgt Ion:146 Resp: 104211  
Ion Ratio Lower Upper  
146 100  
111 42.2 20.9 62.8  
148 63.8 31.7 95.1



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

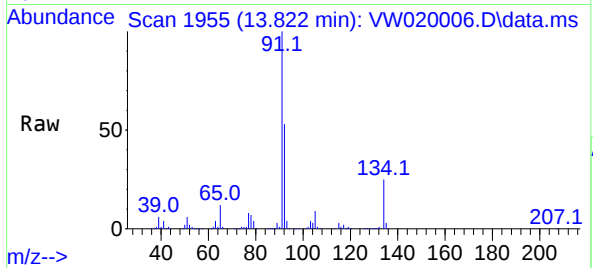
Manual Integrations  
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#89  
n-Butylbenzene  
Concen: 20.074 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

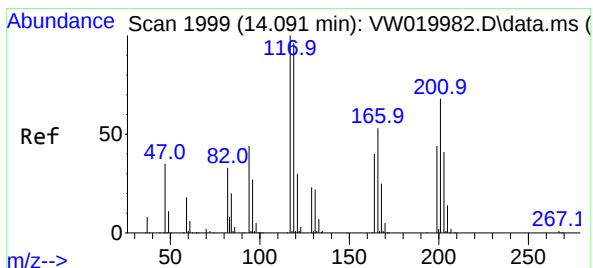
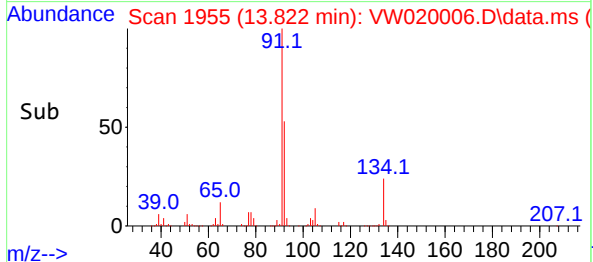
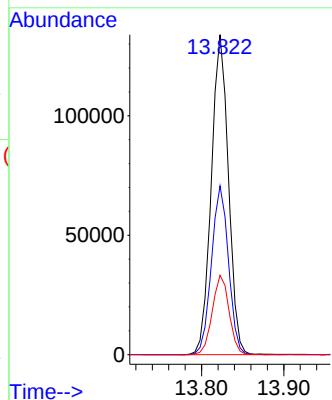
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01



Tgt Ion: 91 Resp: 193997  
Ion Ratio Lower Upper  
91 100  
92 52.5 27.1 81.3  
134 24.3 12.4 37.2

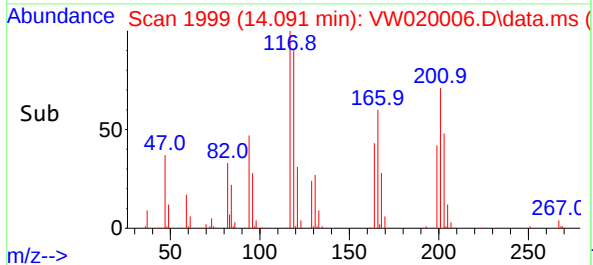
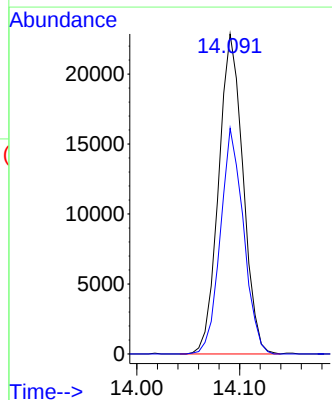
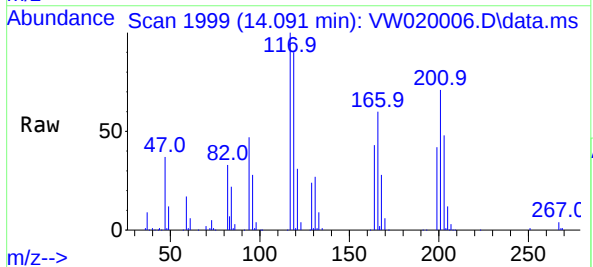
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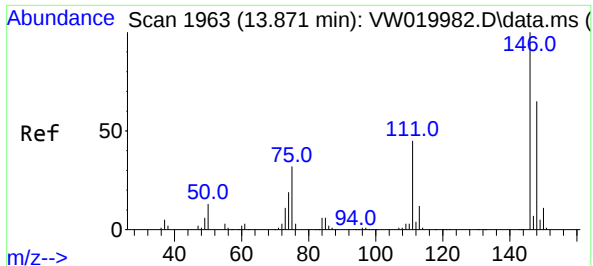
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#90  
Hexachloroethane  
Concen: 20.527 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion: 117 Resp: 37638  
Ion Ratio Lower Upper  
117 100  
201 66.9 34.7 104.1





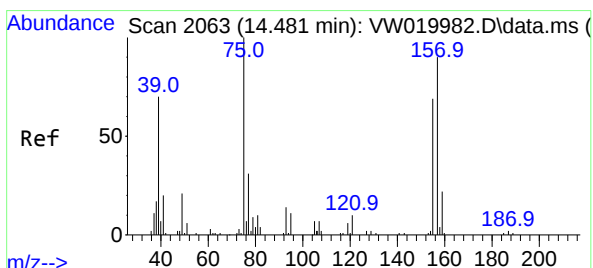
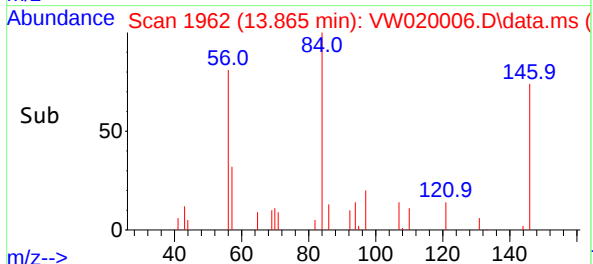
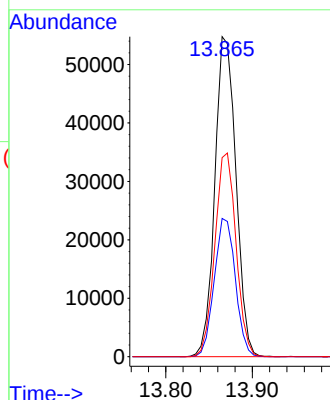
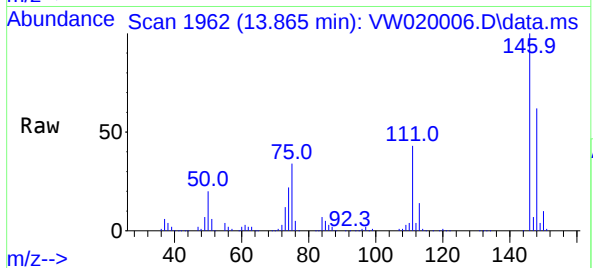
#91  
1,2-Dichlorobenzene  
Concen: 21.358 ug/l  
RT: 13.865 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 92748 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 43.2  | 21.8  | 65.4  |
| 148       | 63.9  | 31.9  | 95.5  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
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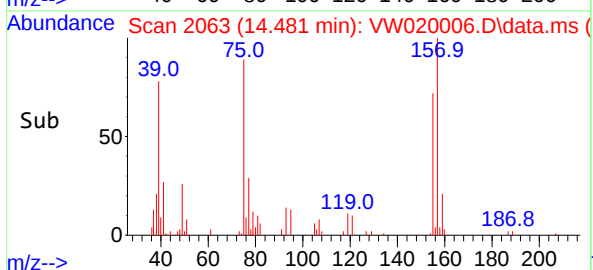
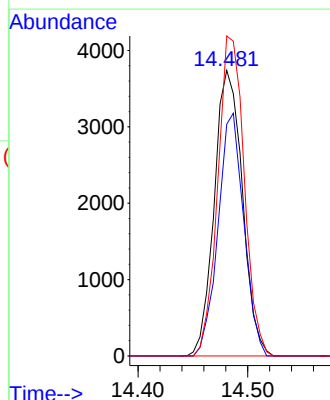
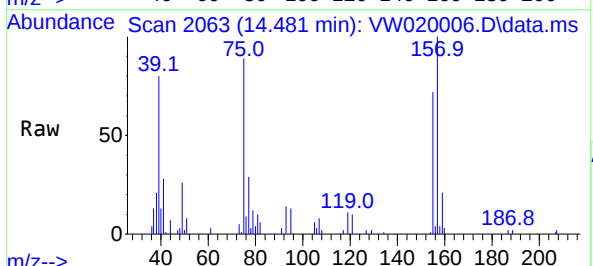
Manual Integrations  
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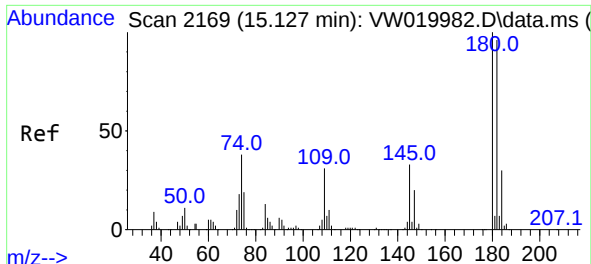
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.702 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

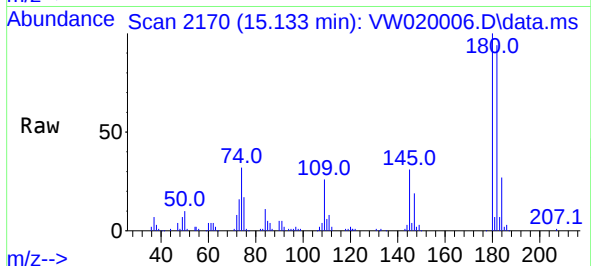
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 6647  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 78.0  | 37.6  | 112.9 |
| 157       | 105.7 | 47.6  | 142.8 |





#93  
1,2,4-Trichlorobenzene  
Concen: 20.628 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

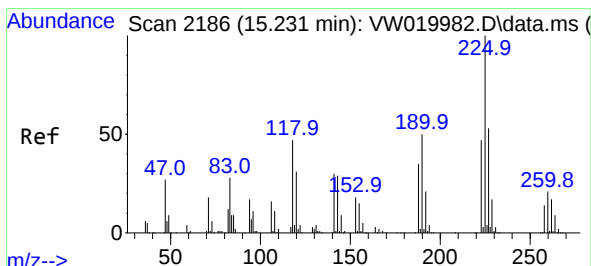
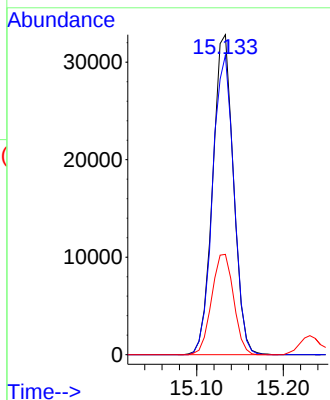
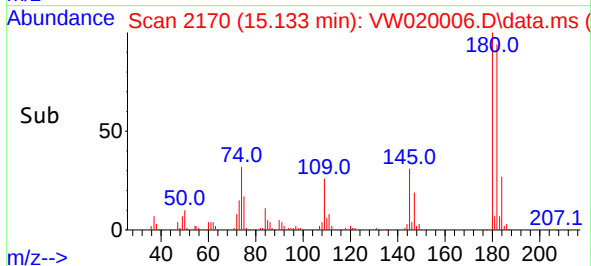
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBS01



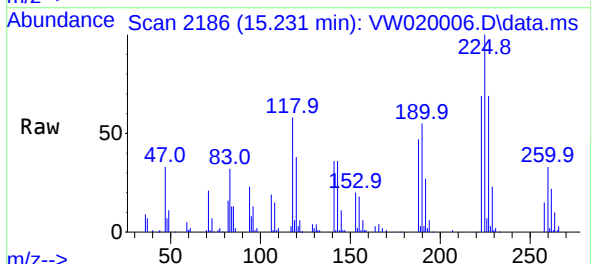
Tgt Ion:180 Resp: 54616  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.0 141.0  
145 33.2 16.3 48.9

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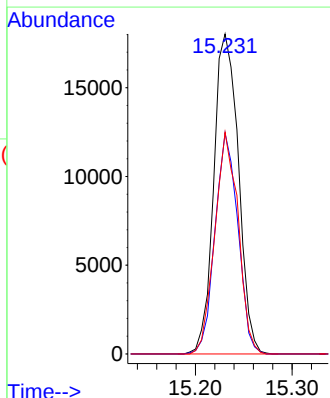
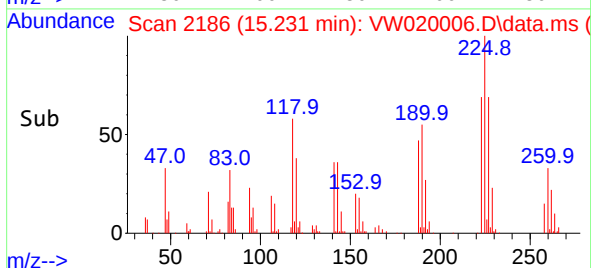
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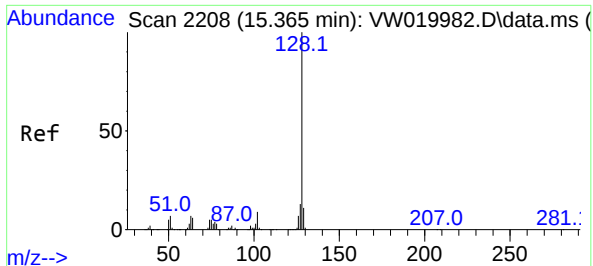


#94  
Hexachlorobutadiene  
Concen: 20.246 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
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Tgt Ion:225 Resp: 31838  
Ion Ratio Lower Upper  
225 100  
223 64.2 30.2 90.6  
227 65.6 30.1 90.5





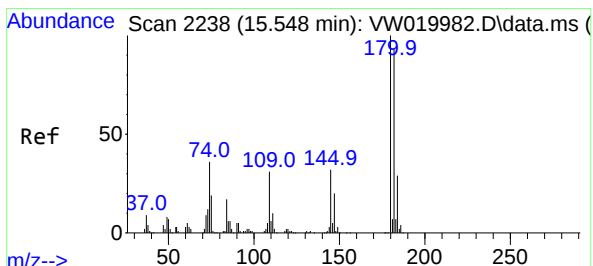
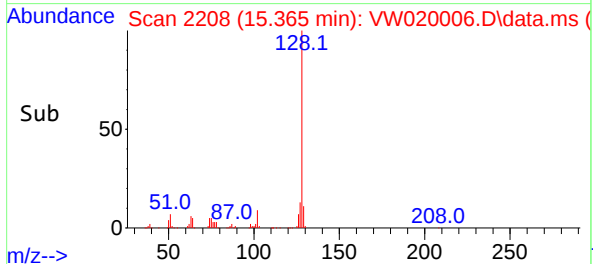
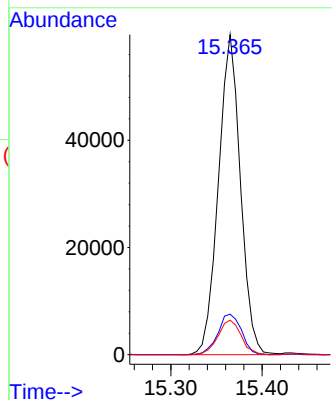
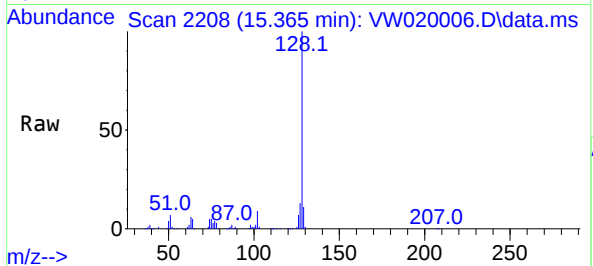
#95  
Naphthalene  
Concen: 20.870 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion:128 Resp: 100023  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.4 15.6  
129 11.3 8.7 13.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0909SBSD01

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 20.797 ug/l  
RT: 15.548 min Scan# 2238  
Delta R.T. 0.000 min  
Lab File: VW020006.D  
Acq: 09 Sep 2021 17:14

Tgt Ion:180 Resp: 48265  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.9 143.7  
145 33.5 16.4 49.2

