

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040921\  
 Data File : VU042995.D  
 Acq On : 08 Apr 2021 19:08  
 Operator : SY/MD  
 Sample : VSTDIC150  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2021 1:47:29 PM

Quant Time: Apr 09 06:26:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U040921W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 09 06:22:06 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|------------------------------|--------|------|----------|---------|---------|----------|
| -----                        |        |      |          |         |         |          |
| Internal Standards           |        |      |          |         |         |          |
| 1) Pentafluorobenzene        | 5.382  | 168  | 128429   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.256  | 114  | 203360   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 9.426  | 117  | 206313   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.822 | 152  | 121751   | 50.00   | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4    | 5.710  | 65   | 320235   | 155.38  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 310.76% |          |
| 35) Dibromofluoromethane     | 5.295  | 113  | 226846   | 150.14  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 300.28% |          |
| 50) Toluene-d8               | 7.906  | 98   | 824128   | 154.72  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 309.44% |          |
| 62) 4-Bromofluorobenzene     | 10.642 | 95   | 370650   | 176.49  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 352.98% |          |
| Target Compounds             |        |      |          |         |         |          |
|                              |        |      |          |         |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 199159   | 136.31  | ug/l    | 97       |
| 3) Chloromethane             | 1.520  | 50   | 213706   | 131.53  | ug/l    | 97       |
| 4) Vinyl Chloride            | 1.607  | 62   | 215086   | 145.52  | ug/l    | 95       |
| 5) Bromomethane              | 1.835  | 94   | 95109    | 94.91   | ug/l    | 100      |
| 6) Chloroethane              | 1.906  | 64   | 145953   | 129.86  | ug/l    | 97       |
| 7) Trichlorofluoromethane    | 2.128  | 101  | 351207   | 136.81  | ug/l    | 99       |
| 8) Diethyl Ether             | 2.379  | 74   | 117862   | 145.19  | ug/l    | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.578  | 101  | 188723   | 151.84  | ug/l    | 97       |
| 10) Methyl Iodide            | 2.723  | 142  | 259019   | 154.44  | ug/l    | 100      |
| 11) Tert butyl alcohol       | 3.253  | 59   | 469964m  | 1011.87 | ug/l    |          |
| 12) 1,1-Dichloroethene       | 2.578  | 96   | 183114   | 156.57  | ug/l    | 97       |
| 13) Acrolein                 | 2.488  | 56   | 342299   | 1557.97 | ug/l    | 99       |
| 14) Allyl chloride           | 2.925  | 41   | 463341   | 178.01  | ug/l    | 97       |
| 15) Acrylonitrile            | 3.321  | 53   | 957311   | 922.56  | ug/l    | 99       |
| 16) Acetone                  | 2.629  | 43   | 957382   | 810.52  | ug/l    | 100      |
| 17) Carbon Disulfide         | 2.793  | 76   | 540228   | 163.35  | ug/l    | 100      |
| 18) Methyl Acetate           | 2.951  | 43   | 456139   | 189.06  | ug/l    | 99       |
| 19) Methyl tert-butyl Ether  | 3.369  | 73   | 758043   | 169.12  | ug/l    | 99       |
| 20) Methylene Chloride       | 3.047  | 84   | 223698   | 150.61  | ug/l    | 99       |
| 21) trans-1,2-Dichloroethene | 3.356  | 96   | 212177   | 160.65  | ug/l    | 92       |
| 22) Diisopropyl ether        | 3.999  | 45   | 874628   | 168.35  | ug/l    | 98       |
| 23) Vinyl Acetate            | 3.960  | 43   | 4385907  | 899.54  | ug/l    | 100      |
| 24) 1,1-Dichloroethane       | 3.874  | 63   | 434289   | 160.48  | ug/l    | 100      |
| 25) 2-Butanone               | 4.710  | 43   | 1570327  | 910.63  | ug/l    | 100      |
| 26) 2,2-Dichloropropane      | 4.671  | 77   | 377228   | 159.00  | ug/l    | 100      |
| 27) cis-1,2-Dichloroethene   | 4.671  | 96   | 246577   | 163.09  | ug/l    | 98       |
| 28) Bromochloromethane       | 4.983  | 49   | 224897   | 168.75  | ug/l    | # 99     |
| 29) Tetrahydrofuran          | 5.054  | 42   | 979652   | 914.22  | ug/l    | 100      |
| 30) Chloroform               | 5.095  | 83   | 443659   | 155.54  | ug/l    | 99       |
| 31) Cyclohexane              | 5.394  | 56   | 381255   | 149.03  | ug/l    | 97       |
| 32) 1,1,1-Trichloroethane    | 5.324  | 97   | 396000   | 156.42  | ug/l    | 99       |
| 36) 1,1-Dichloropropene      | 5.533  | 75   | 323167   | 159.70  | ug/l    | 98       |
| 37) Ethyl Acetate            | 4.809  | 43   | 558116   | 174.33  | ug/l    | 99       |
| 38) Carbon Tetrachloride     | 5.533  | 117  | 347095   | 151.09  | ug/l    | 98       |
| 39) Methylcyclohexane        | 6.771  | 83   | 360926   | 157.52  | ug/l    | 99       |
| 40) Benzene                  | 5.780  | 78   | 915032   | 151.39  | ug/l    | 99       |

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 Sample : VSTDIC150  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2021 1:47:29 PM

Quant Time: Apr 09 06:26:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U040921W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 09 06:22:06 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.980  | 41   | 301944   | 179.43  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 5.800  | 62   | 399313   | 153.31  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.919  | 43   | 832232   | 173.67  | ug/l   | 100      |
| 44) Trichloroethene           | 6.549  | 130  | 235504   | 152.78  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 6.800  | 63   | 261195   | 162.21  | ug/l   | 98       |
| 46) Dibromomethane            | 6.925  | 93   | 182034   | 158.36  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.115  | 83   | 368619   | 158.64  | ug/l   | 98       |
| 48) Methyl methacrylate       | 6.970  | 41   | 432914   | 186.08  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 6.980  | 88   | 164343   | 3595.37 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 7.809  | 43   | 3275969  | 958.98  | ug/l   | 100      |
| 52) Toluene                   | 7.976  | 92   | 579897   | 156.86  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.217  | 75   | 438036   | 176.86  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 7.616  | 75   | 431551   | 166.40  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 8.410  | 97   | 256011   | 160.66  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 8.343  | 69   | 474876   | 191.47  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 8.584  | 76   | 443906   | 161.15  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.475  | 63   | 973852   | 1478.67 | ug/l   | 99       |
| 59) 2-Hexanone                | 8.700  | 43   | 2684479  | 979.39  | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.822  | 129  | 315360   | 170.00  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.931  | 107  | 293333   | 160.88  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.558  | 164  | 204536   | 127.26  | ug/l   | 99       |
| 65) Chlorobenzene             | 9.455  | 112  | 659629   | 156.63  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.545  | 131  | 274384   | 163.65  | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.578  | 91   | 1213526  | 160.21  | ug/l   | 98       |
| 68) m/p-Xylenes               | 9.700  | 106  | 894649   | 321.55  | ug/l   | 99       |
| 69) o-Xylene                  | 10.108 | 106  | 440909   | 163.30  | ug/l   | 98       |
| 70) Styrene                   | 10.121 | 104  | 803826   | 175.86  | ug/l   | 99       |
| 71) Bromoform                 | 10.301 | 173  | 294292   | 183.25  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.491 | 105  | 1249563  | 161.76  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.330 | 43   | 815152   | 183.82  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.793 | 83   | 531534   | 164.18  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 10.835 | 75   | 519979m  | 162.19  | ug/l   |          |
| 77) Bromobenzene              | 10.793 | 156  | 343324   | 160.82  | ug/l   | 99       |
| 78) n-propylbenzene           | 10.915 | 91   | 1537756  | 168.35  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.996 | 91   | 906466   | 164.06  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 1125271  | 167.05  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 10.558 | 75   | 200431   | 187.08  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.105 | 91   | 1097128  | 166.18  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.430 | 119  | 1113732  | 168.41  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 1143251  | 168.14  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.651 | 105  | 1290235  | 169.15  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.803 | 119  | 1195265  | 171.40  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.754 | 146  | 611861   | 158.64  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.844 | 146  | 614157   | 155.50  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.217 | 91   | 1146937  | 174.02  | ug/l   | 100      |
| 90) Hexachloroethane          | 12.484 | 117  | 224283   | 168.80  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.221 | 146  | 596076   | 152.32  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 13.005 | 75   | 152780   | 178.37  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 423082   | 171.91  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.028 | 225  | 199811   | 140.31  | ug/l   | 99       |
| 95) Naphthalene               | 14.095 | 128  | 1370119  | 196.51  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 406497   | 163.97  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040921\  
Data File : VU042995.D  
Acq On : 08 Apr 2021 19:08  
Operator : SY/MD  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC150

Manual Integrations  
APPROVED

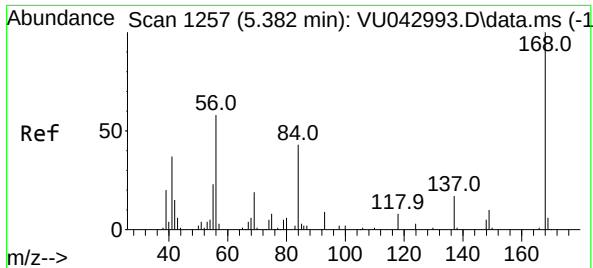
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4/9/2021 1:47:29 PM

Quant Time: Apr 09 06:26:10 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U040921W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 09 06:22:06 2021  
Response via : Initial Calibration

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

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





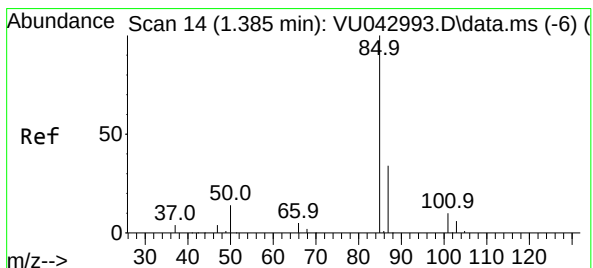
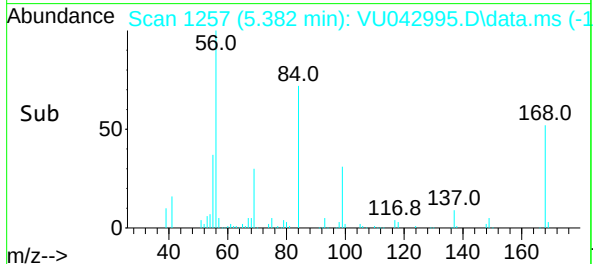
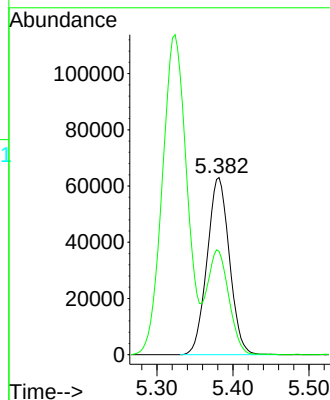
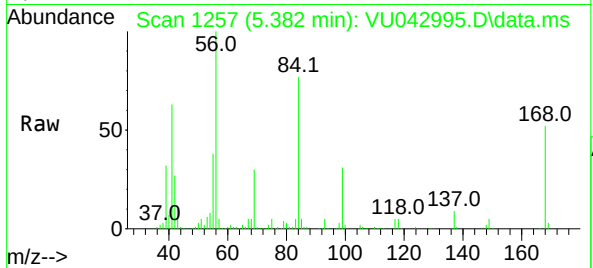
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 168 Resp: 128429  
Ion Ratio Lower Upper  
168 100  
99 58.3 47.5 71.3

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

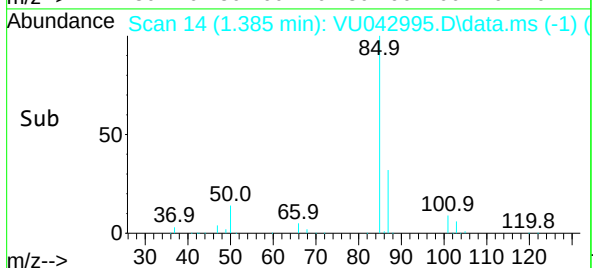
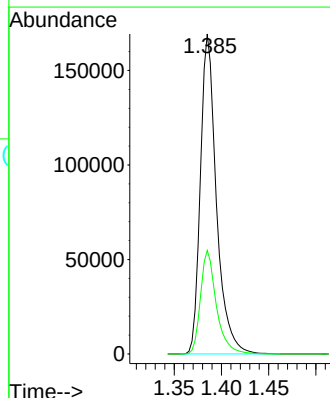
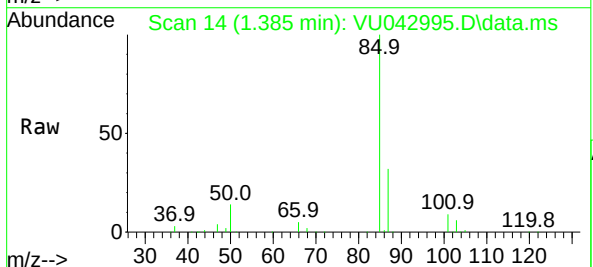
Manual Integrations  
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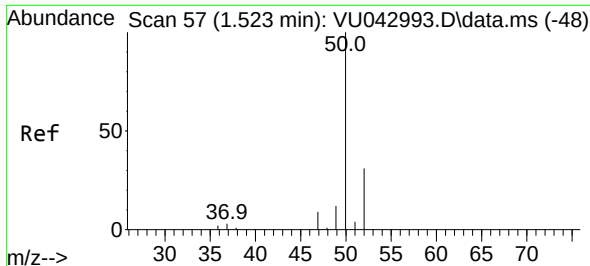
MMDadoda  
4/9/2021 1:47:29 PM



#2  
Dichlorodifluoromethane  
Concen: 136.31 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 85 Resp: 199159  
Ion Ratio Lower Upper  
85 100  
87 32.4 17.0 50.9





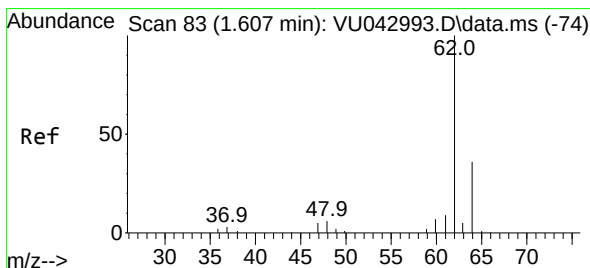
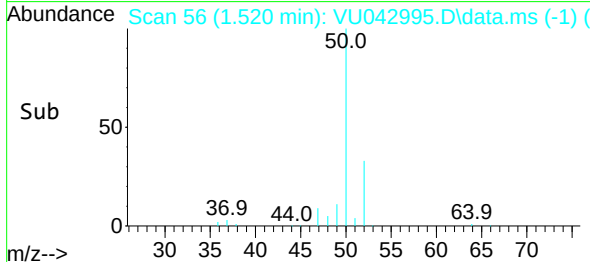
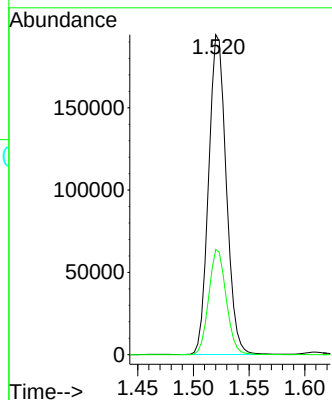
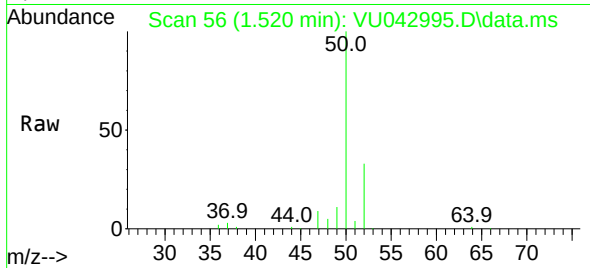
#3  
Chloromethane  
Concen: 131.53 ug/l  
RT: 1.520 min Scan# 56  
Delta R.T. -0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 50 Resp: 213706  
Ion Ratio Lower Upper  
50 100  
52 32.9 25.0 37.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

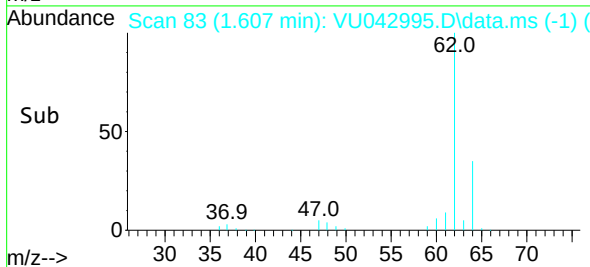
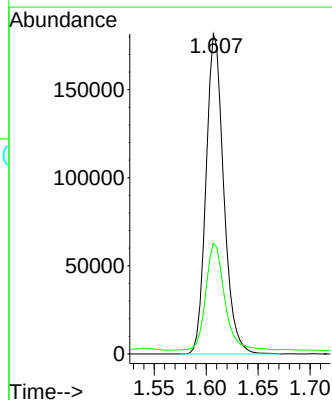
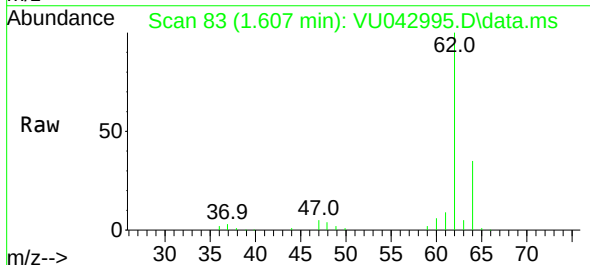
Manual Integrations  
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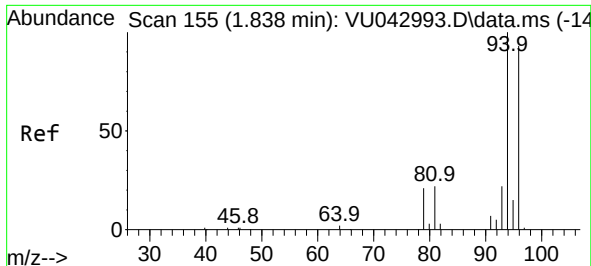
MMDadoda  
4/9/2021 1:47:29 PM



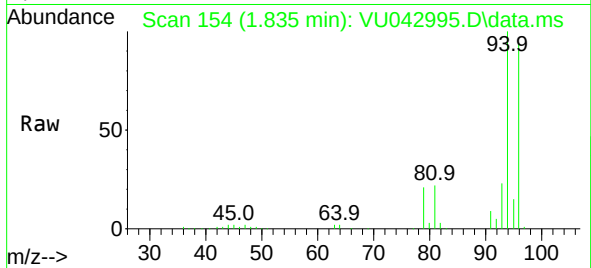
#4  
Vinyl Chloride  
Concen: 145.52 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 62 Resp: 215086  
Ion Ratio Lower Upper  
62 100  
64 33.4 28.9 43.3

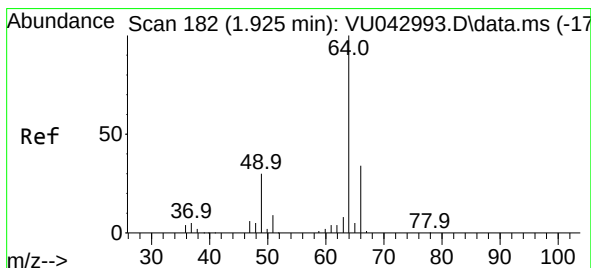
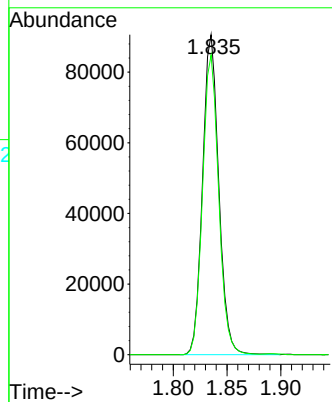
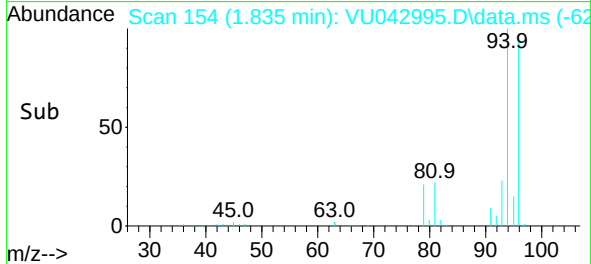




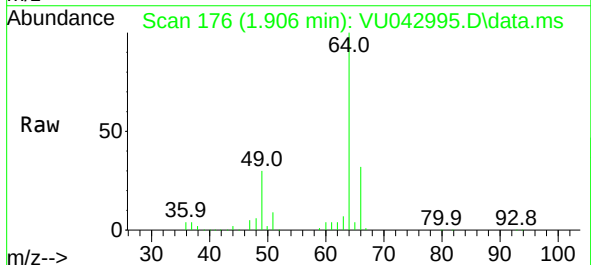
#5  
Bromomethane  
Concen: 94.91 ug/l  
RT: 1.835 min Scan# 154  
Delta R.T. -0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



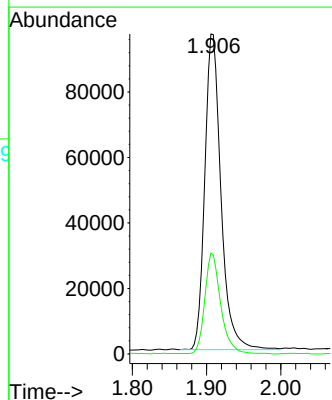
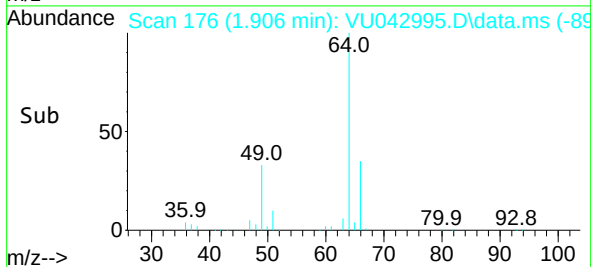
Tgt Ion: 94 Resp: 95109  
Ion Ratio Lower Upper  
94 100  
96 93.6 74.7 112.1



#6  
Chloroethane  
Concen: 129.86 ug/l  
RT: 1.906 min Scan# 176  
Delta R.T. -0.019 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



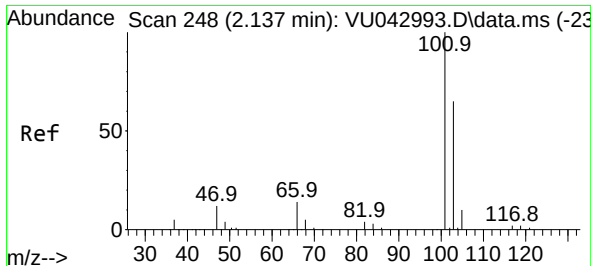
Tgt Ion: 64 Resp: 145953  
Ion Ratio Lower Upper  
64 100  
66 31.8 26.9 40.3



Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

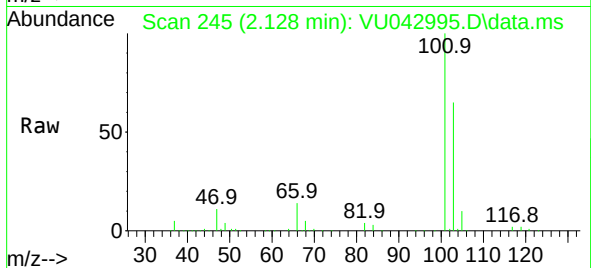
Manual Integrations  
APPROVED

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4/9/2021 1:47:29 PM



#7  
Trichlorofluoromethane  
Concen: 136.81 ug/l  
RT: 2.128 min Scan# 245  
Delta R.T. -0.010 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

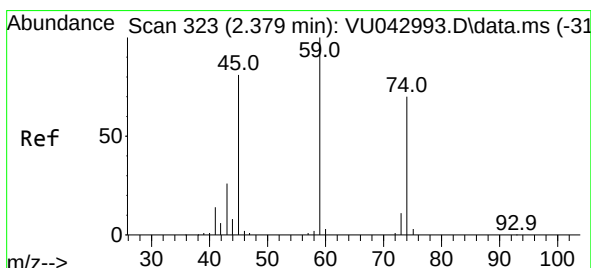
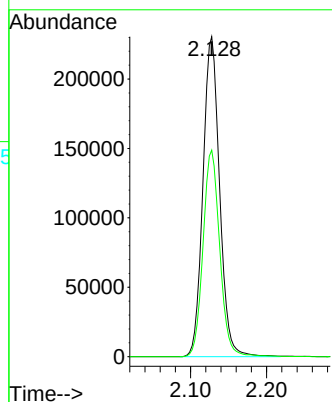
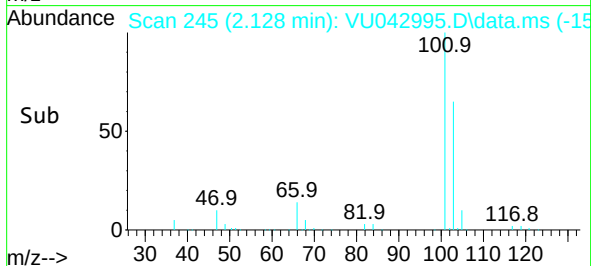
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150



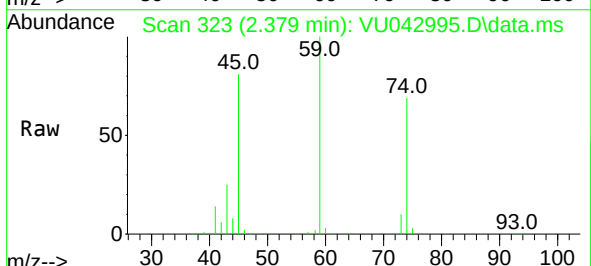
Tgt Ion:101 Resp: 351207  
Ion Ratio Lower Upper  
101 100  
103 64.6 52.4 78.6

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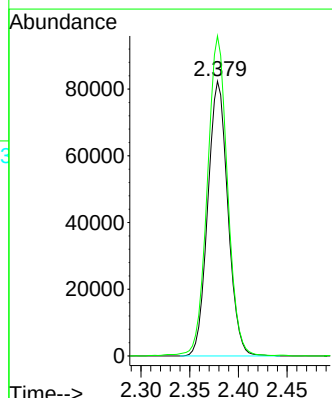
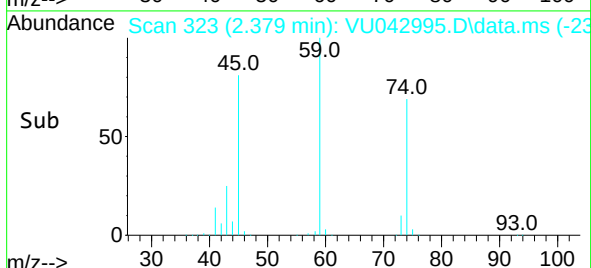
MMDadoda  
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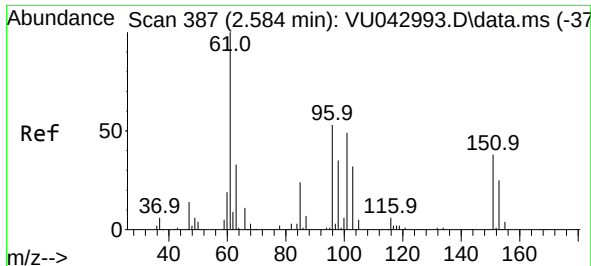
#8  
Diethyl Ether  
Concen: 145.19 ug/l  
RT: 2.379 min Scan# 323  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



Tgt Ion: 74 Resp: 117862  
Ion Ratio Lower Upper  
74 100  
45 117.7 57.8 173.3







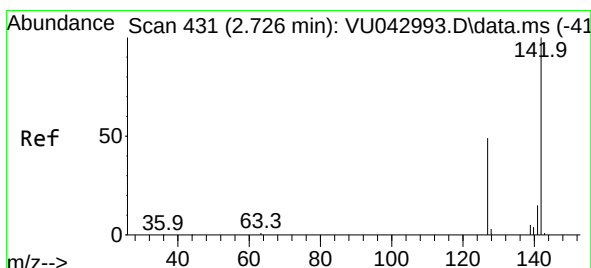
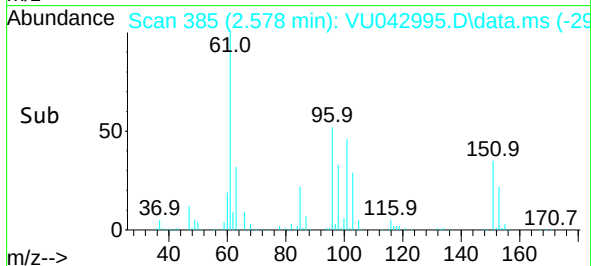
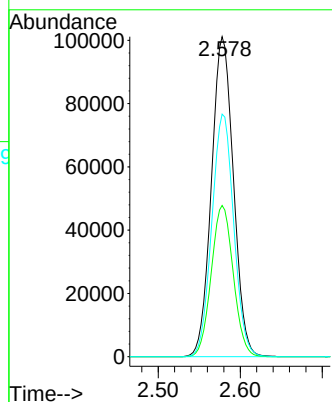
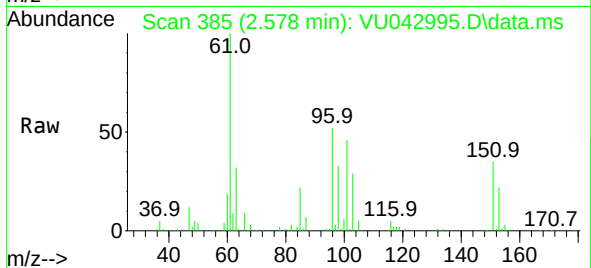
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 151.84 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.006 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion:101 Resp: 188723  
Ion Ratio Lower Upper  
101 100  
85 47.3 38.2 57.4  
151 75.6 63.2 94.8

Instrument :  
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ClientSampled :  
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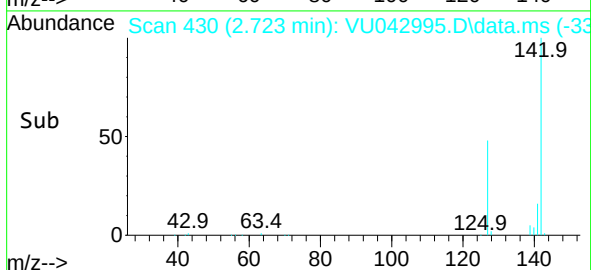
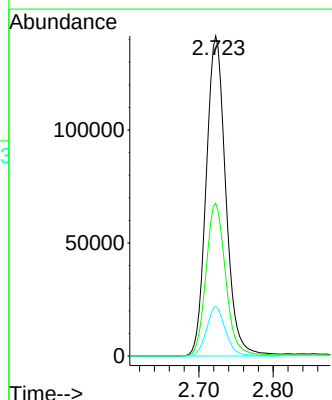
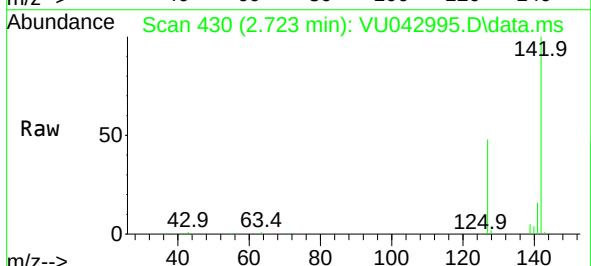
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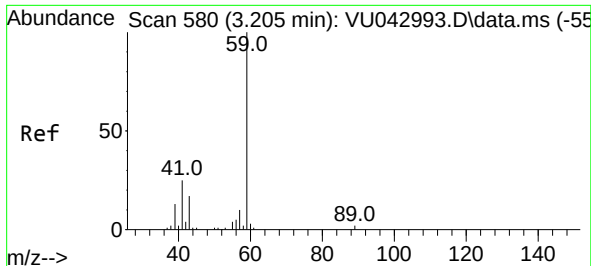
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#10  
Methyl Iodide  
Concen: 154.44 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. -0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion:142 Resp: 259019  
Ion Ratio Lower Upper  
142 100  
127 48.0 38.4 57.6  
141 15.0 11.7 17.5





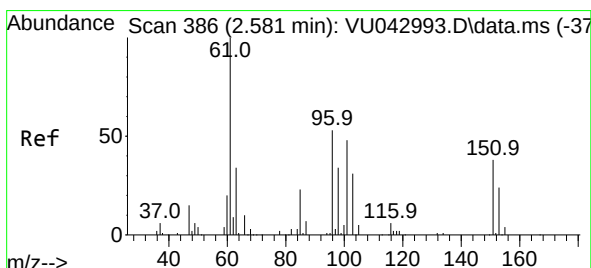
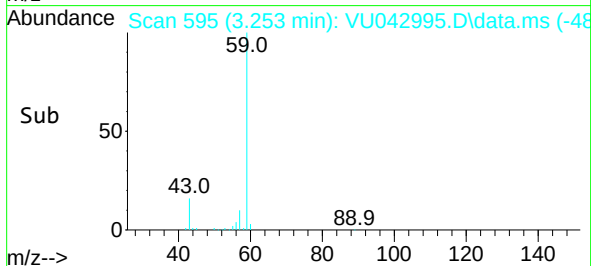
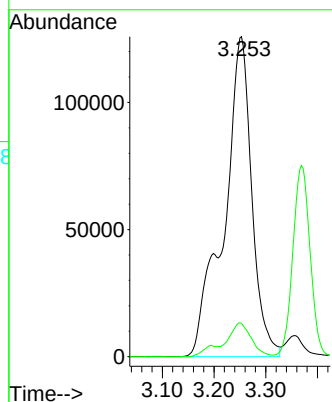
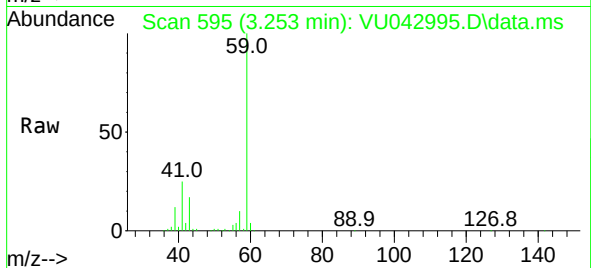
#11  
Tert butyl alcohol  
Concen: 1011.87 ug/l m  
RT: 3.253 min Scan# 595  
Delta R.T. 0.048 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 59 Resp: 469964  
Ion Ratio Lower Upper  
59 100  
57 1.9 8.6 13.0#

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

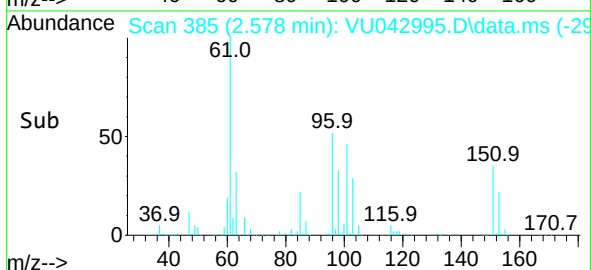
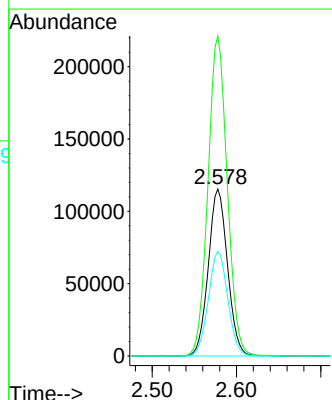
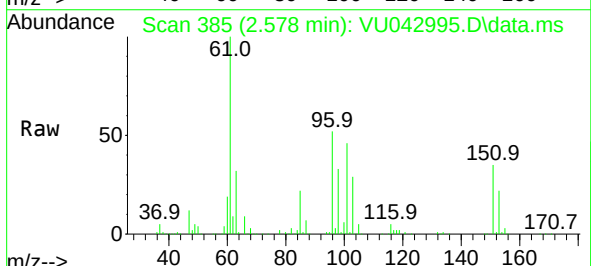
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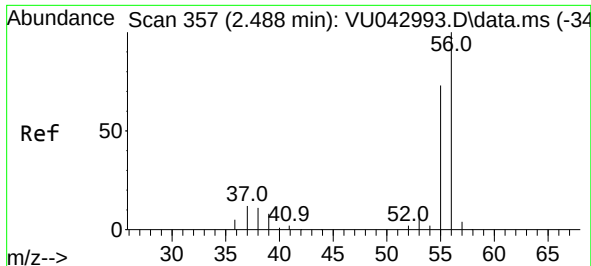
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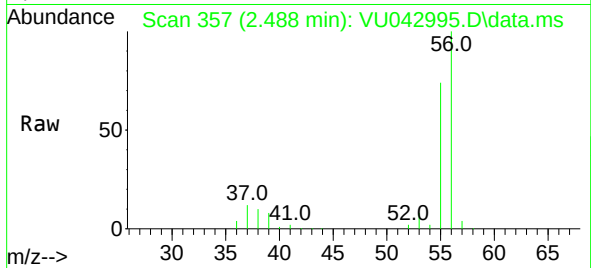
#12  
1,1-Dichloroethene  
Concen: 156.57 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 96 Resp: 183114  
Ion Ratio Lower Upper  
96 100  
61 191.8 150.2 225.2  
98 62.8 51.6 77.4

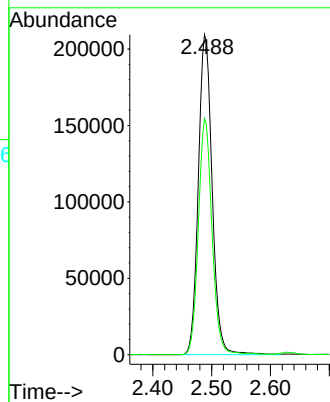
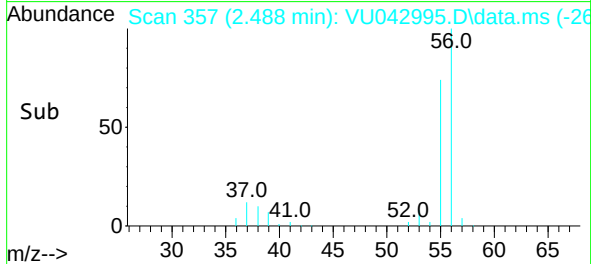




#13  
Acrolein  
Concen: 1557.97 ug/l  
RT: 2.488 min Scan# 357  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



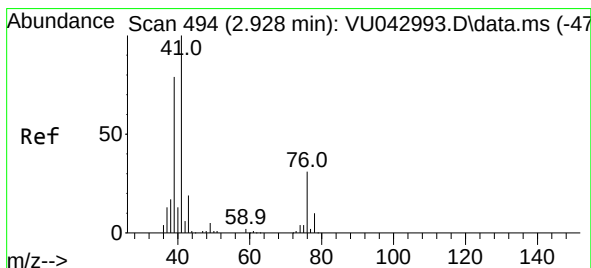
Tgt Ion: 56 Resp: 342299  
Ion Ratio Lower Upper  
56 100  
55 72.5 57.4 86.2



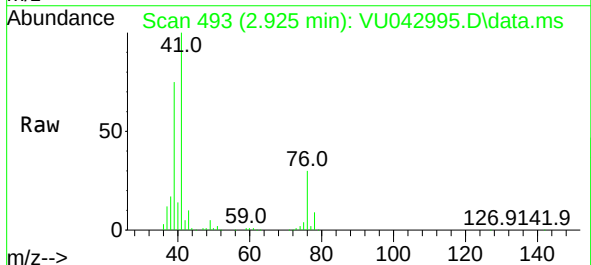
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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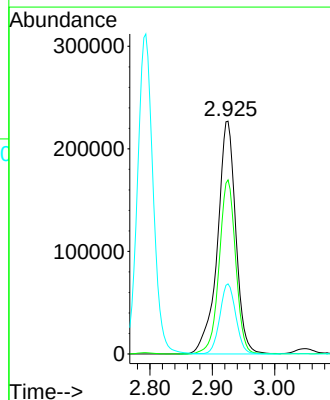
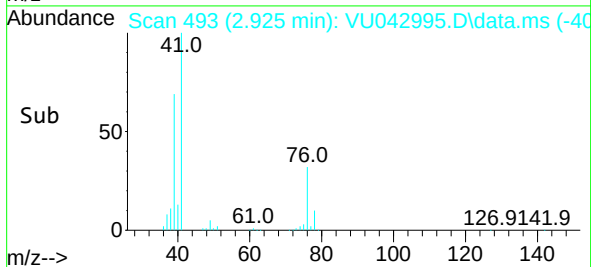
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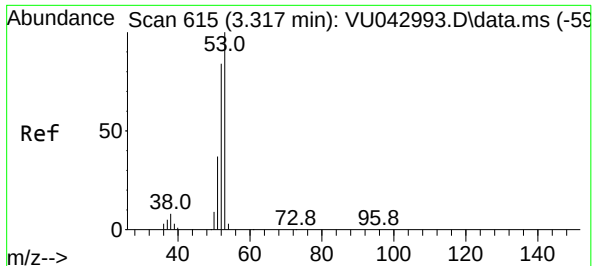


#14  
Allyl chloride  
Concen: 178.01 ug/l  
RT: 2.925 min Scan# 493  
Delta R.T. -0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



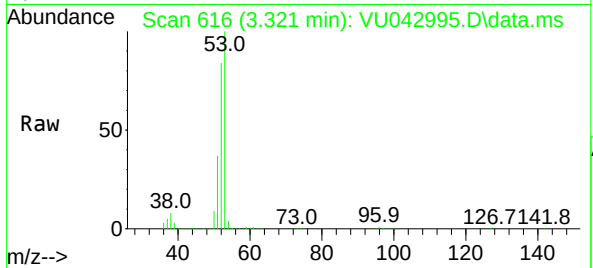
Tgt Ion: 41 Resp: 463341  
Ion Ratio Lower Upper  
41 100  
39 67.2 56.4 84.6  
76 26.2 21.4 32.0





#15  
Acrylonitrile  
Concen: 922.56 ug/l  
RT: 3.321 min Scan# 616  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

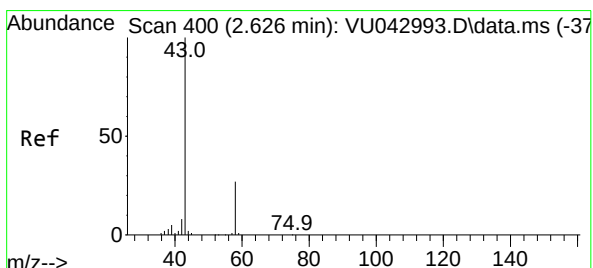
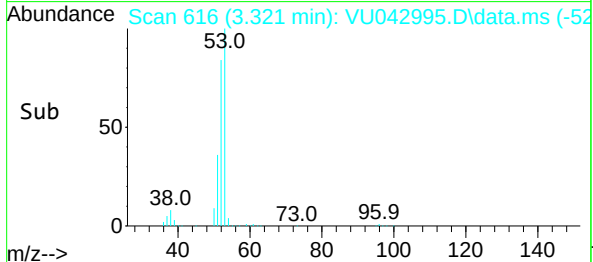
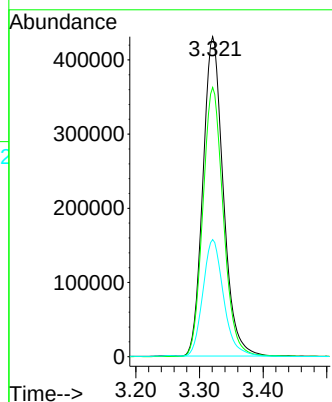
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150



Tgt Ion: 53 Resp: 957311  
Ion Ratio Lower Upper  
53 100  
52 85.0 68.7 103.1  
51 37.5 30.5 45.7

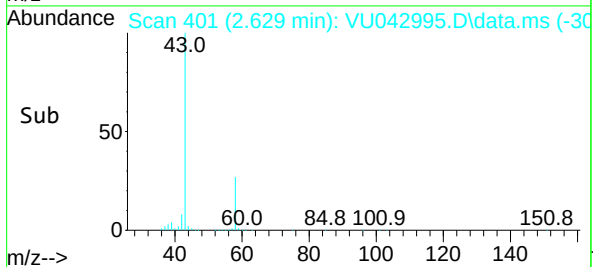
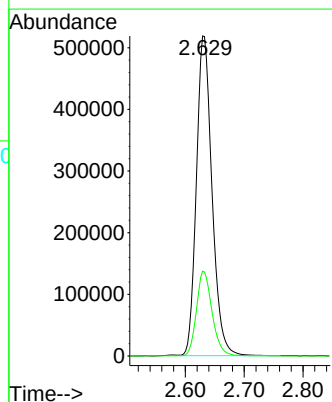
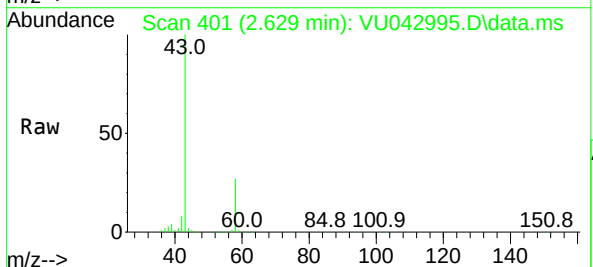
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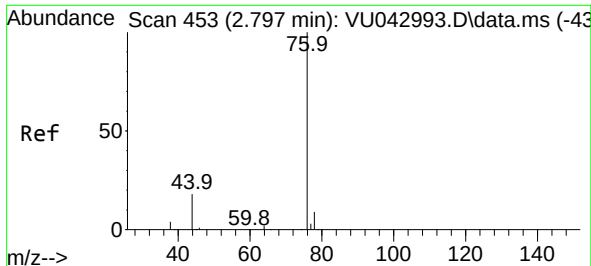
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#16  
Acetone  
Concen: 810.52 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 43 Resp: 957382  
Ion Ratio Lower Upper  
43 100  
58 26.5 21.4 32.0





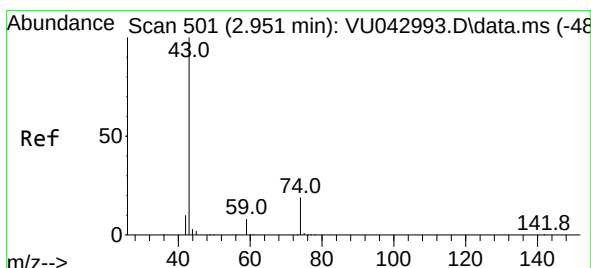
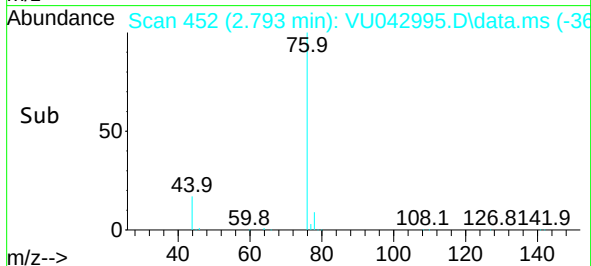
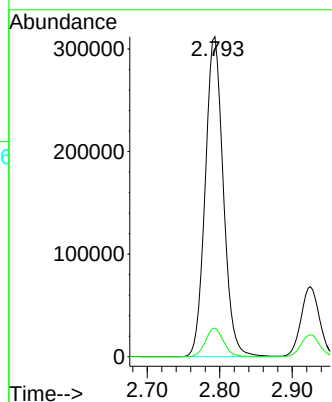
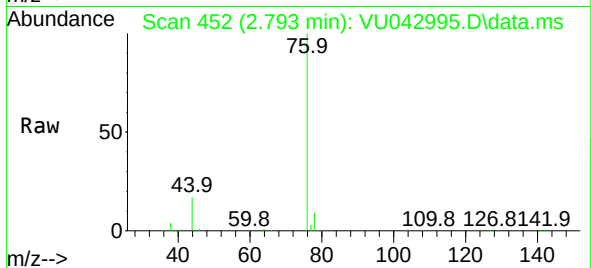
#17  
Carbon Disulfide  
Concen: 163.35 ug/l  
RT: 2.793 min Scan# 452  
Delta R.T. -0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 76 Resp: 540228  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.0 10.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
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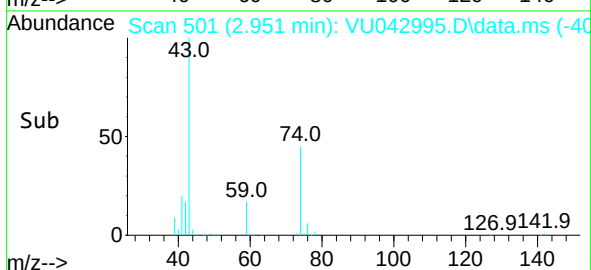
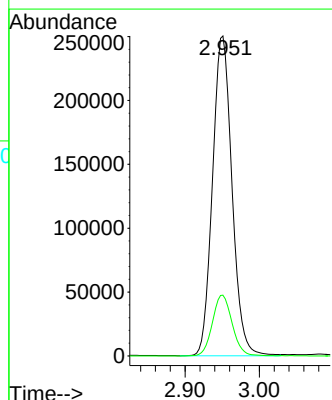
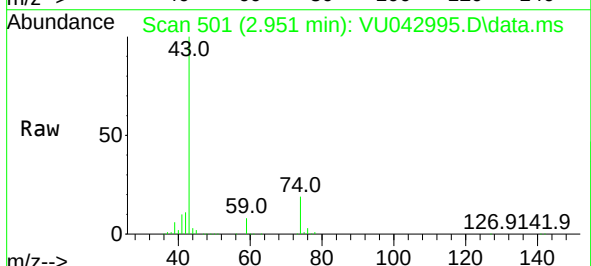
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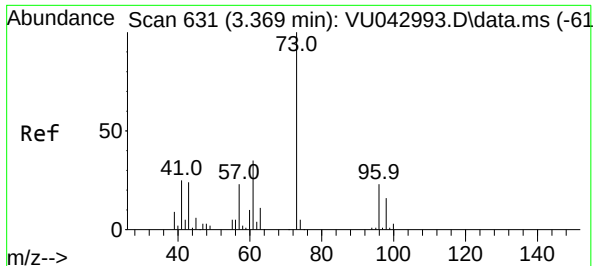
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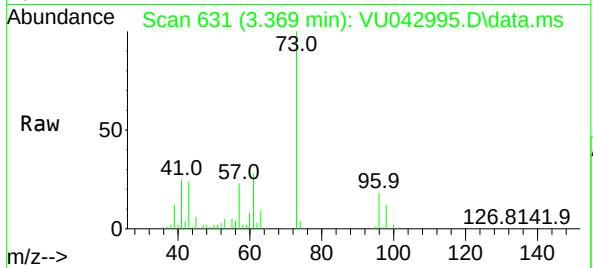
#18  
Methyl Acetate  
Concen: 189.06 ug/l  
RT: 2.951 min Scan# 501  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 43 Resp: 456139  
Ion Ratio Lower Upper  
43 100  
74 19.3 16.0 24.0

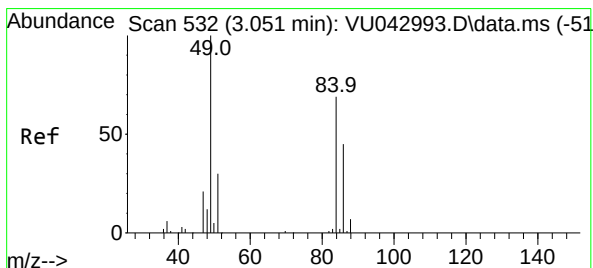
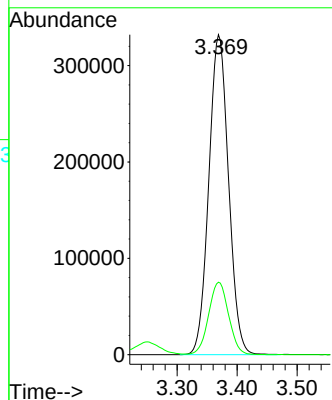
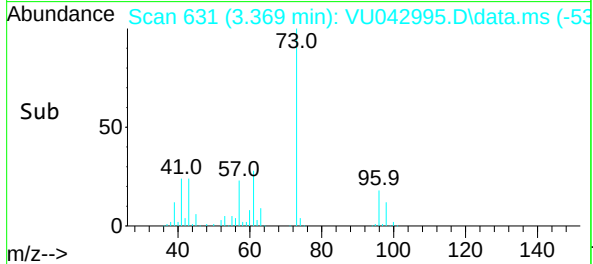




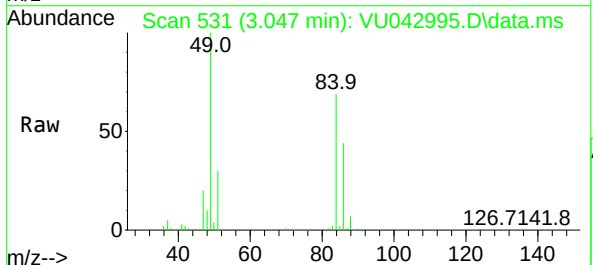
#19  
Methyl tert-butyl Ether  
Concen: 169.12 ug/l  
RT: 3.369 min Scan# 631  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



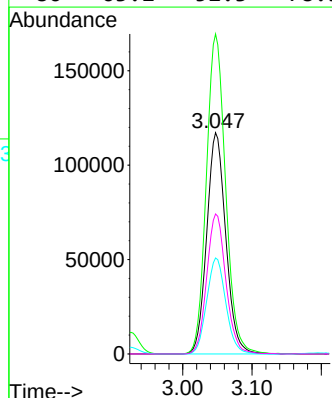
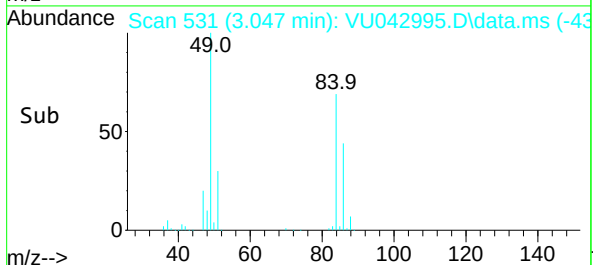
Tgt Ion: 73 Resp: 758043  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.3 27.5



#20  
Methylene Chloride  
Concen: 150.61 ug/l  
RT: 3.047 min Scan# 531  
Delta R.T. -0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



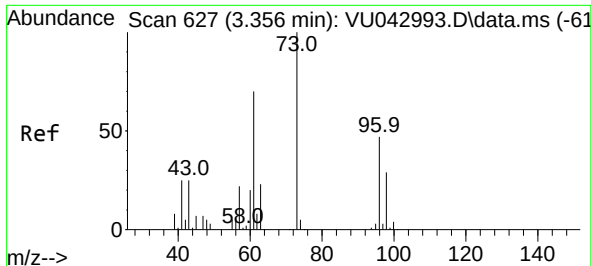
Tgt Ion: 84 Resp: 223698  
Ion Ratio Lower Upper  
84 100  
49 144.6 116.1 174.1  
51 43.4 35.1 52.7  
86 63.2 52.3 78.5



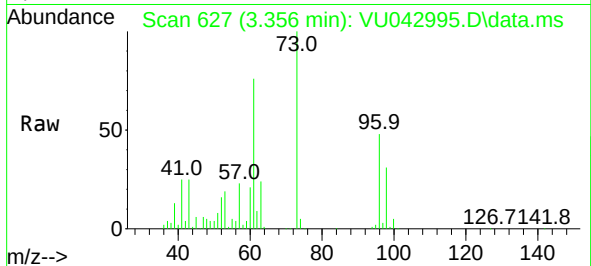
Instrument :  
MSVOA\_U  
ClientSampleId :  
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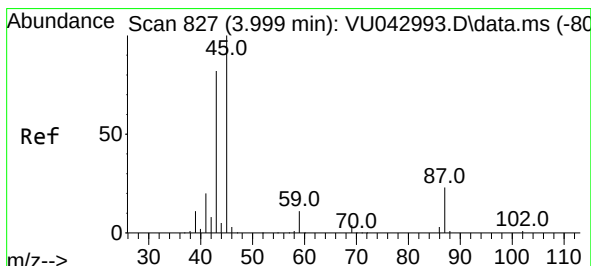
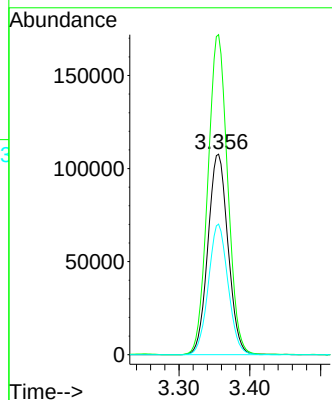
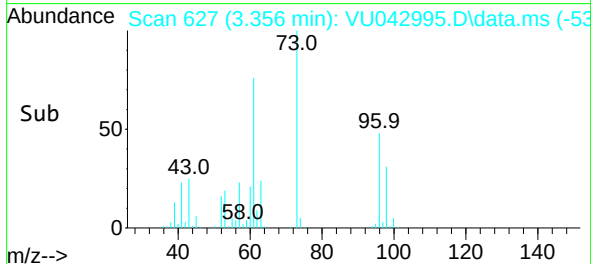


#21  
trans-1,2-Dichloroethene  
Concen: 160.65 ug/l  
RT: 3.356 min Scan# 627  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

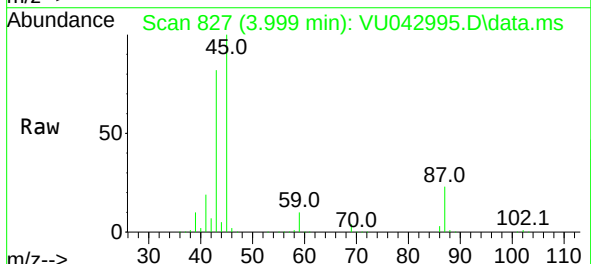


Tgt Ion: 96 Resp: 212177

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 159.6 | 119.1 | 178.7 |
| 98  | 65.1  | 48.8  | 73.2  |

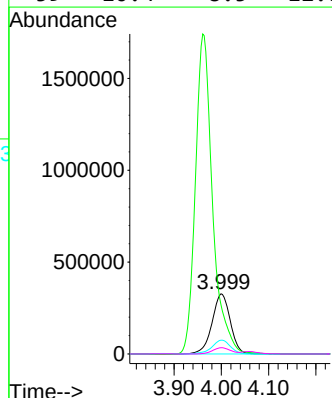
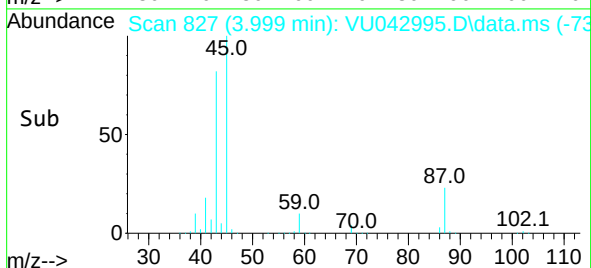


#22  
Diisopropyl ether  
Concen: 168.35 ug/l  
RT: 3.999 min Scan# 827  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



Tgt Ion: 45 Resp: 874628

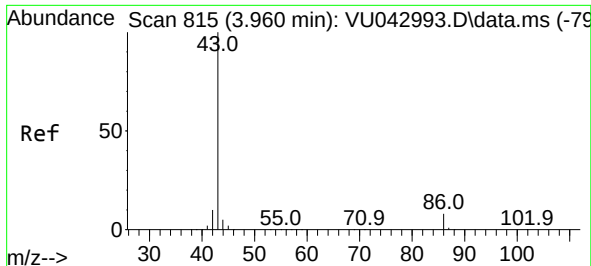
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 81.2  | 67.3  | 100.9 |
| 87  | 22.8  | 18.6  | 27.8  |
| 59  | 10.4  | 8.5   | 12.7  |



Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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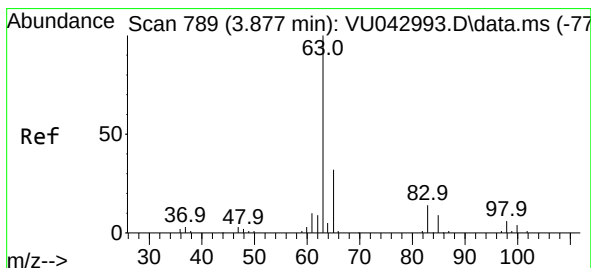
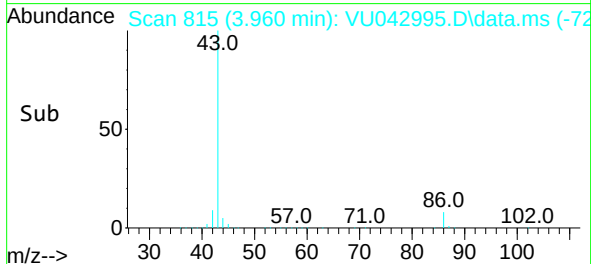
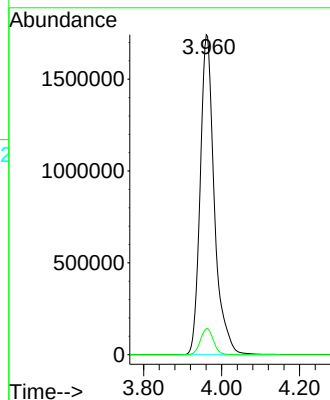
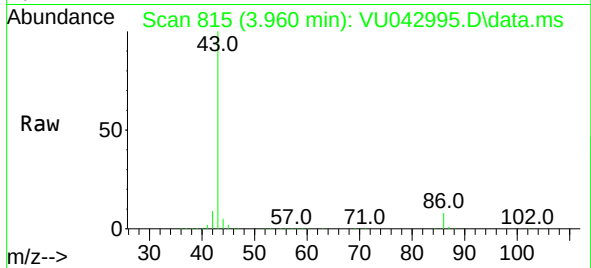
#23  
 Vinyl Acetate  
 Concen: 899.54 ug/l  
 RT: 3.960 min Scan# 815  
 Delta R.T. 0.000 min  
 Lab File: VU042995.D  
 Acq: 08 Apr 2021 19:08

Tgt Ion: 43 Resp: 4385907  
 Ion Ratio Lower Upper  
 43 100  
 86 8.1 6.6 10.0

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

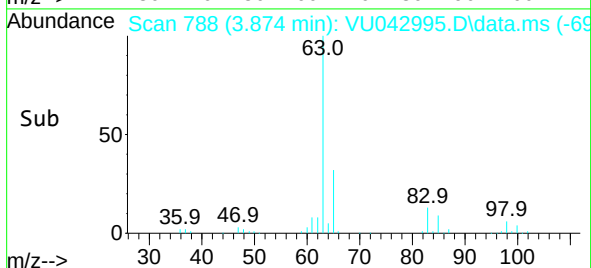
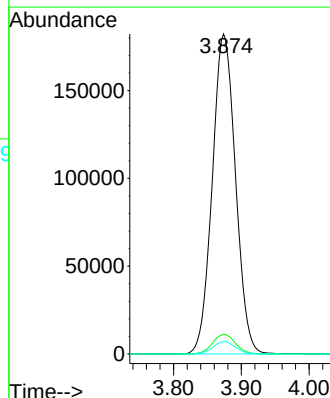
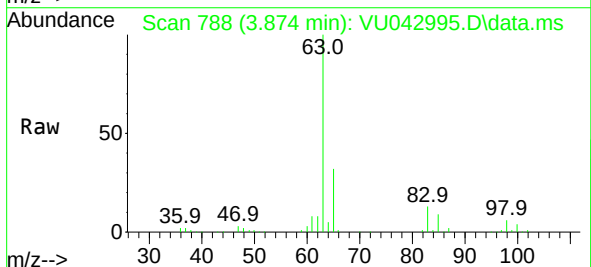
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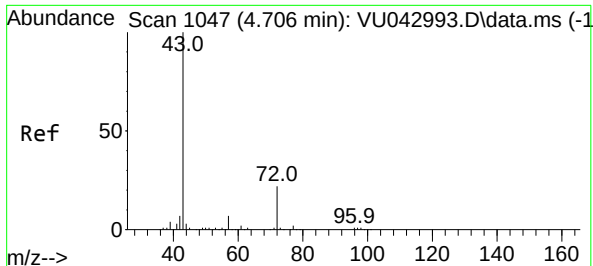


#24  
 1,1-Dichloroethane  
 Concen: 160.48 ug/l  
 RT: 3.874 min Scan# 788  
 Delta R.T. -0.003 min  
 Lab File: VU042995.D  
 Acq: 08 Apr 2021 19:08

Tgt Ion: 63 Resp: 434289  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.1 9.3  
 100 3.9 1.8 5.4







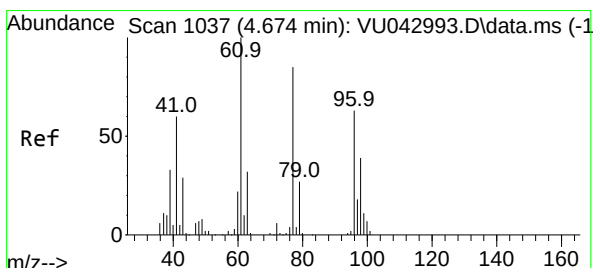
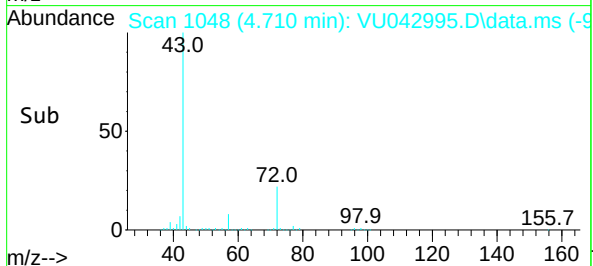
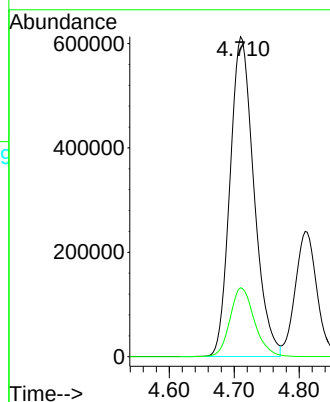
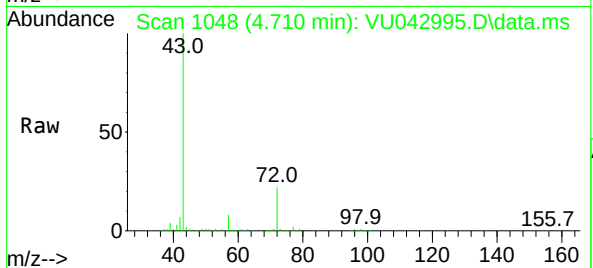
#25  
2-Butanone  
Concen: 910.63 ug/l  
RT: 4.710 min Scan# 1048  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 43 Resp: 1570327  
Ion Ratio Lower Upper  
43 100  
72 21.6 17.4 26.2

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC150

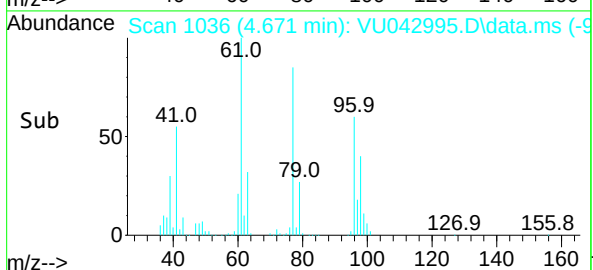
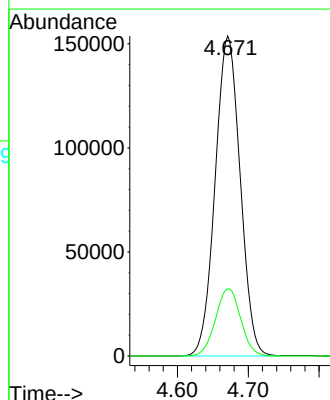
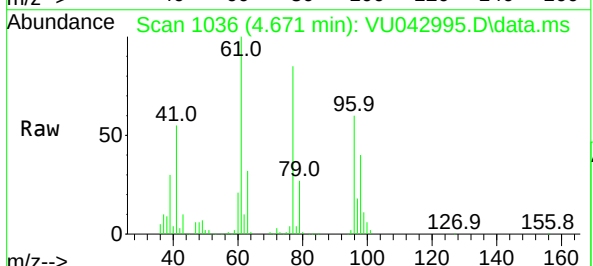
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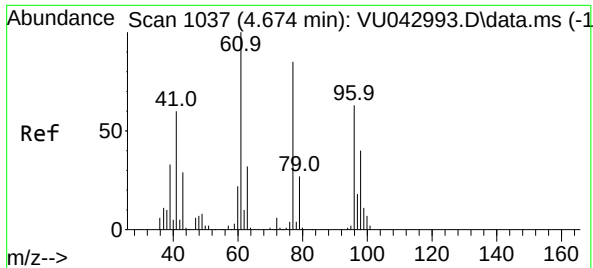
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#26  
2,2-Dichloropropane  
Concen: 159.00 ug/l  
RT: 4.671 min Scan# 1036  
Delta R.T. -0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 77 Resp: 377228  
Ion Ratio Lower Upper  
77 100  
97 21.2 10.6 31.8





#27

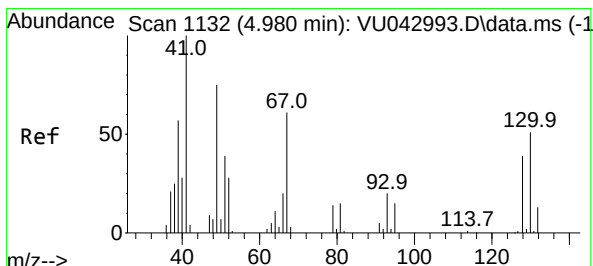
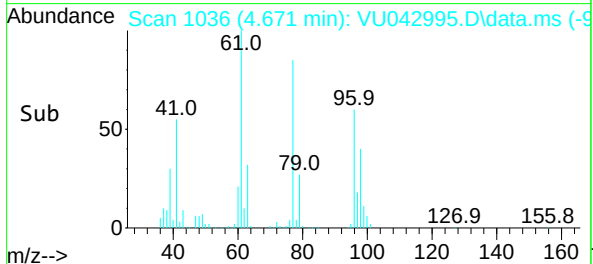
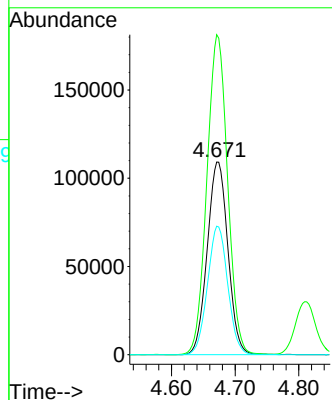
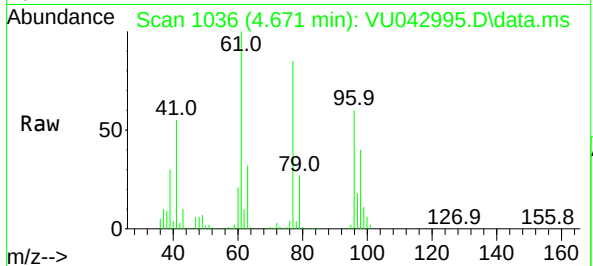
cis-1,2-Dichloroethene  
Concen: 163.09 ug/l  
RT: 4.671 min Scan# 1036  
Delta R.T. -0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 96 Resp: 246577  
Ion Ratio Lower Upper  
96 100  
61 166.1 0.0 327.0  
98 65.5 0.0 127.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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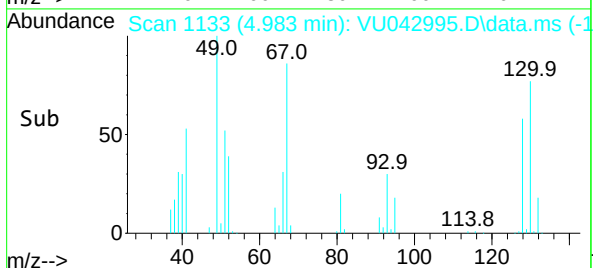
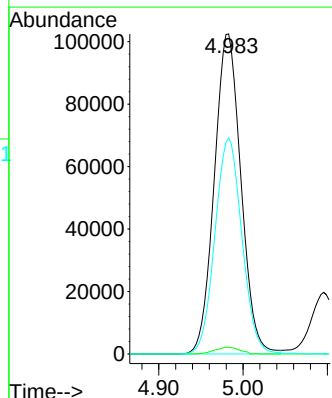
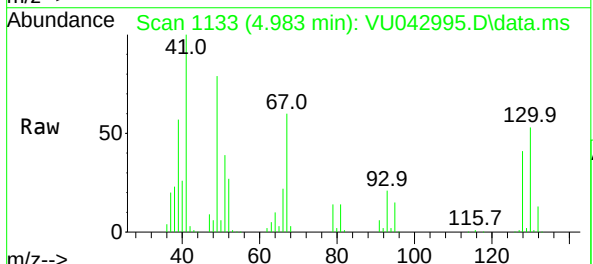
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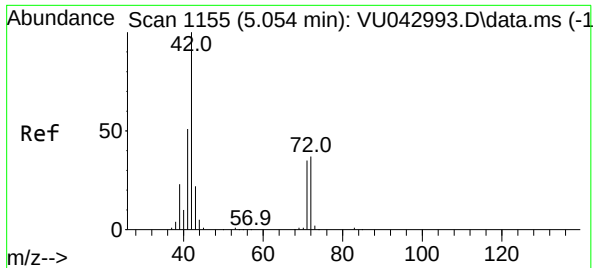


#28

Bromochloromethane  
Concen: 168.75 ug/l  
RT: 4.983 min Scan# 1133  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 49 Resp: 224897  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 1.2#  
130 68.2 55.1 82.7





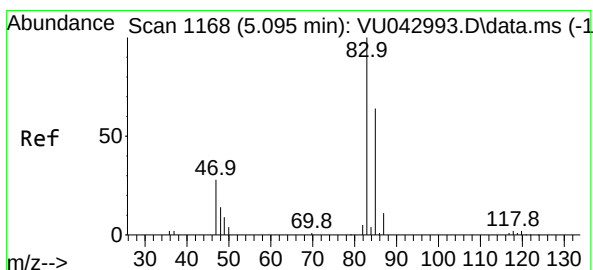
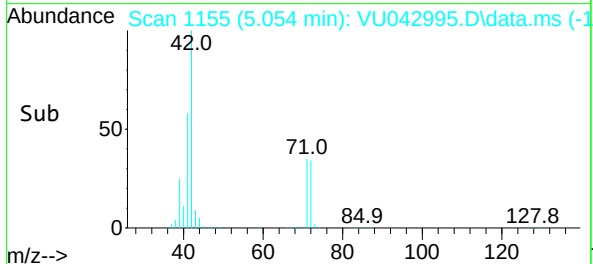
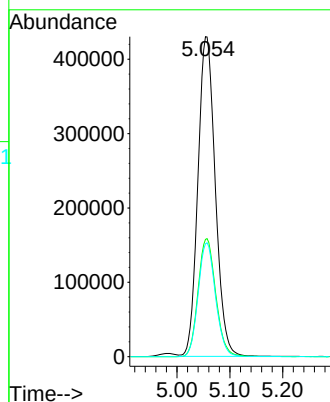
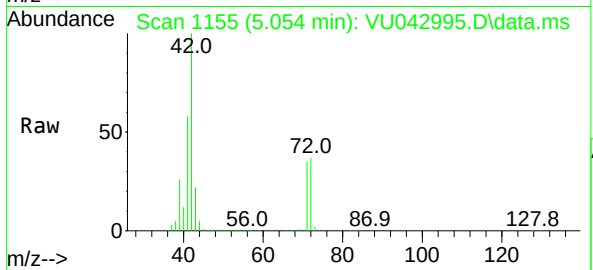
#29  
Tetrahydrofuran  
Concen: 914.22 ug/l  
RT: 5.054 min Scan# 1155  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 42 Resp: 979652  
Ion Ratio Lower Upper  
42 100  
72 37.7 30.1 45.1  
71 35.5 28.1 42.1

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC150

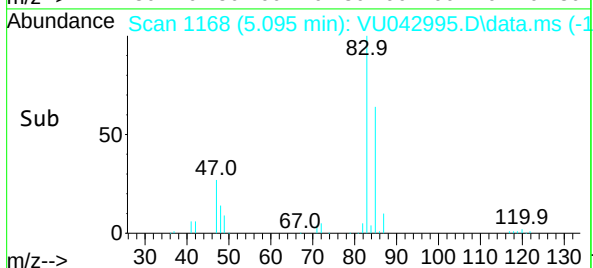
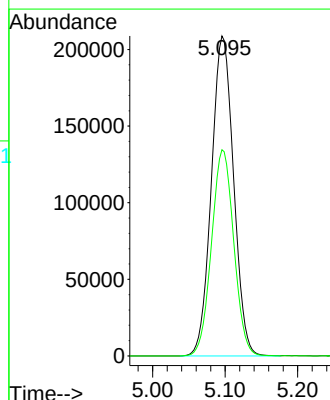
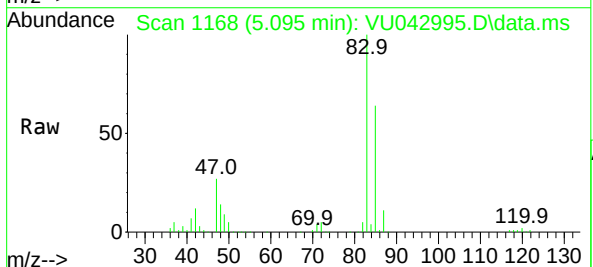
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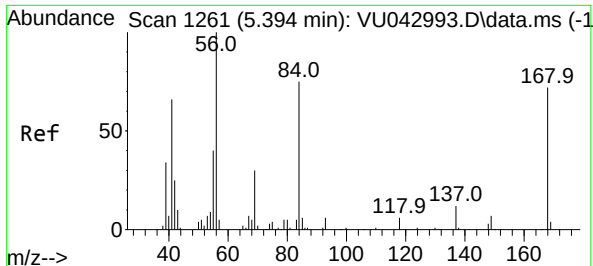
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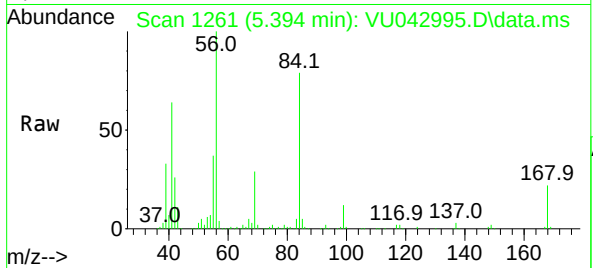
#30  
Chloroform  
Concen: 155.54 ug/l  
RT: 5.095 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 83 Resp: 443659  
Ion Ratio Lower Upper  
83 100  
85 64.4 50.8 76.2

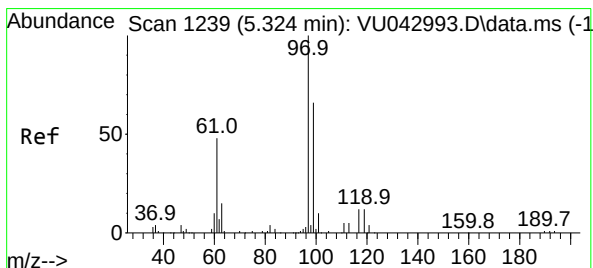
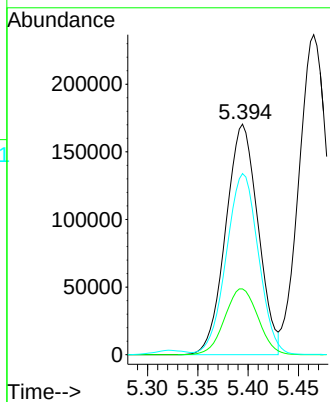
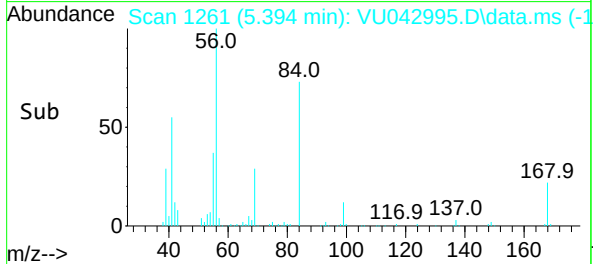




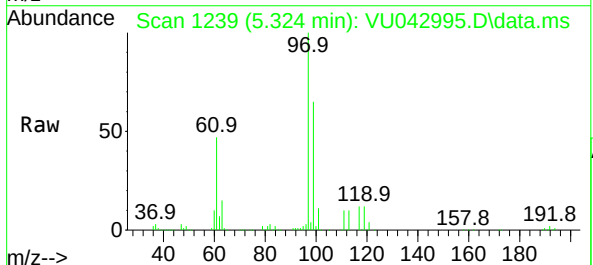
#31  
Cyclohexane  
Concen: 149.03 ug/l  
RT: 5.394 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



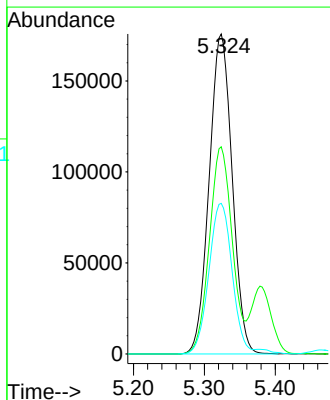
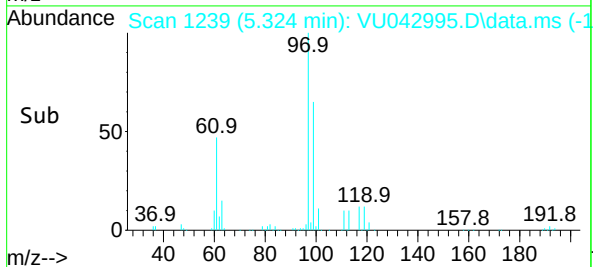
Tgt Ion: 56 Resp: 381255  
Ion Ratio Lower Upper  
56 100  
69 28.5 23.9 35.9  
84 77.0 59.8 89.6



#32  
1,1,1-Trichloroethane  
Concen: 156.42 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



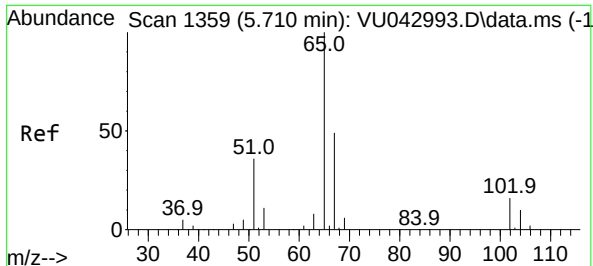
Tgt Ion: 97 Resp: 396000  
Ion Ratio Lower Upper  
97 100  
99 65.0 51.5 77.3  
61 47.6 38.6 57.8



Instrument :  
MSVOA\_U  
ClientSampled :  
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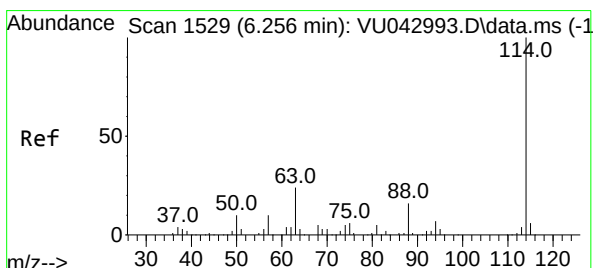
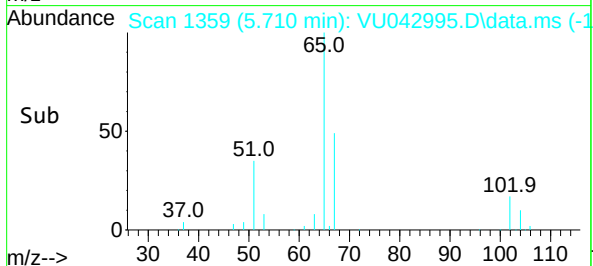
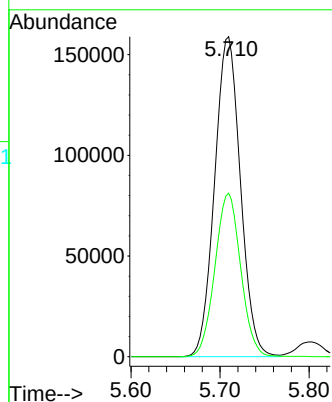
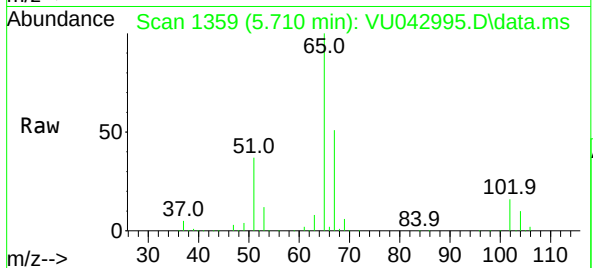
#33  
1,2-Dichloroethane-d4  
Concen: 155.38 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 65 Resp: 320235  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 98.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

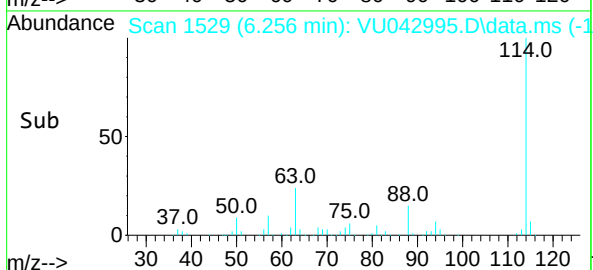
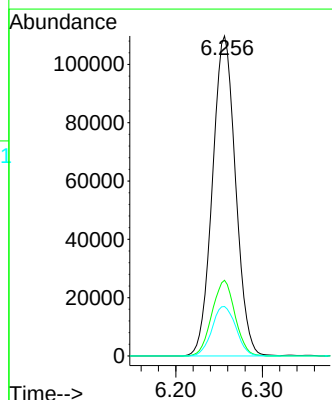
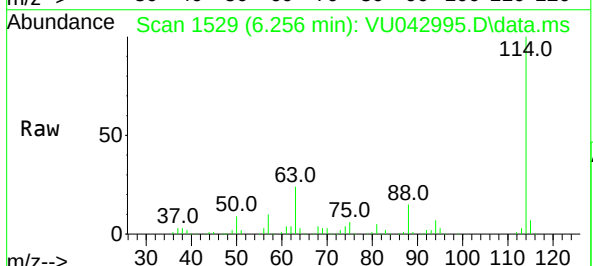
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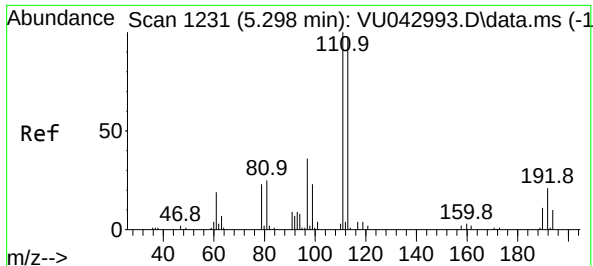
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 114 Resp: 203360  
Ion Ratio Lower Upper  
114 100  
63 23.6 0.0 48.0  
88 15.5 0.0 32.6





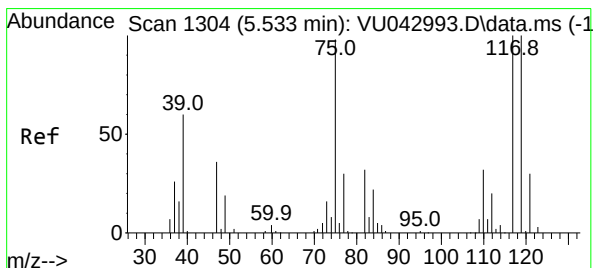
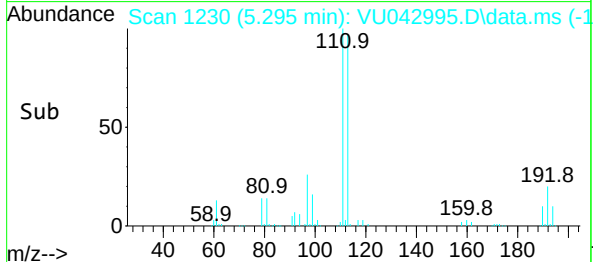
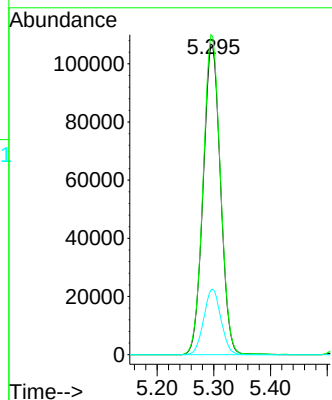
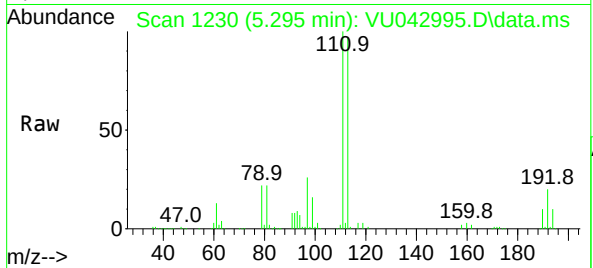
#35  
Dibromofluoromethane  
Concen: 150.14 ug/l  
RT: 5.295 min Scan# 1230  
Delta R.T. -0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 113 Resp: 226846  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.7 122.5  
192 20.9 17.1 25.7

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

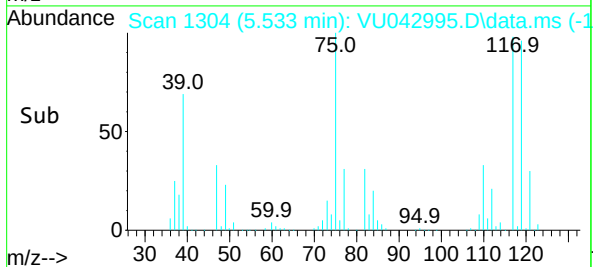
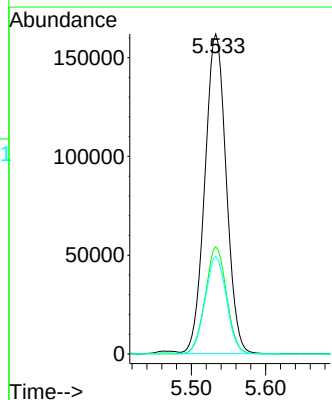
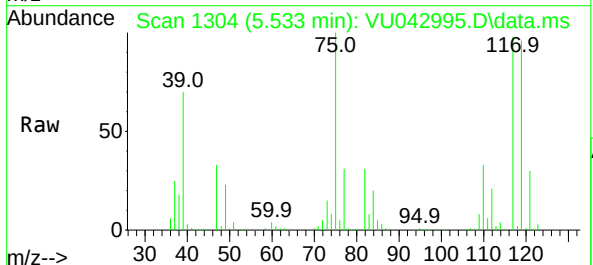
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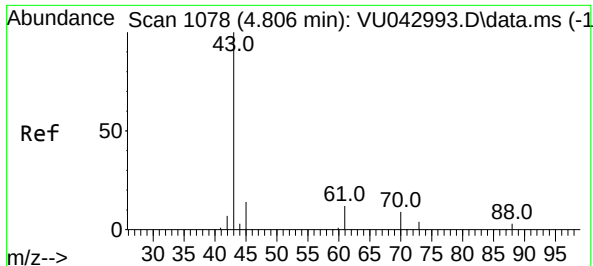
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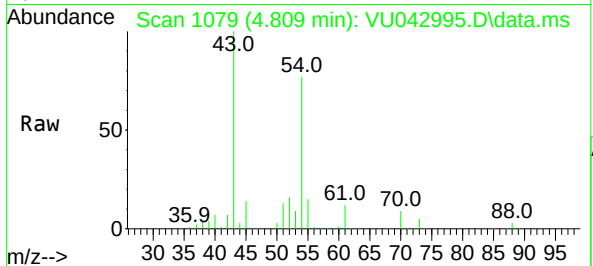
#36  
1,1-Dichloropropene  
Concen: 159.70 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 75 Resp: 323167  
Ion Ratio Lower Upper  
75 100  
110 33.6 16.3 48.8  
77 30.7 23.8 35.6

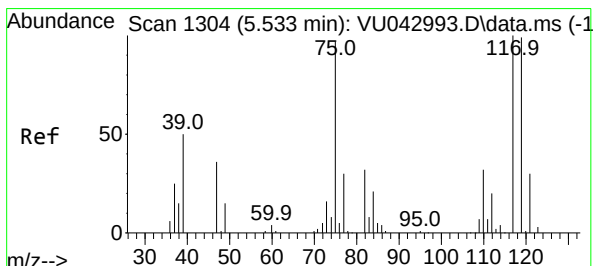
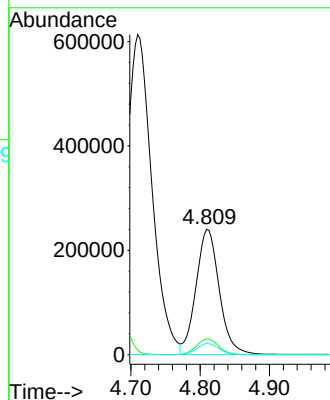
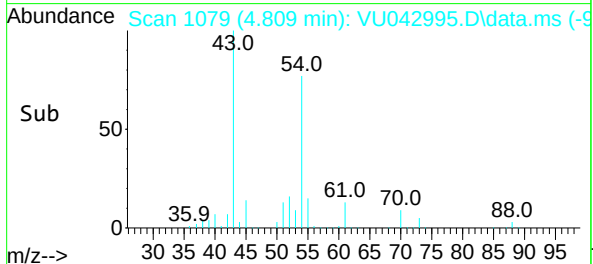




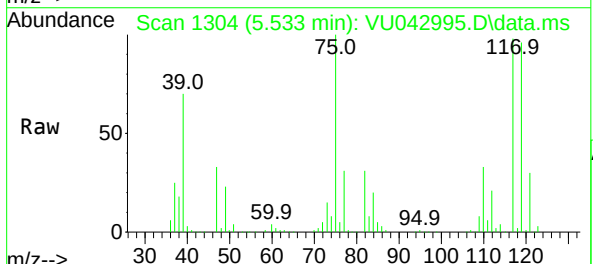
#37  
Ethyl Acetate  
Concen: 174.33 ug/l  
RT: 4.809 min Scan# 1079  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



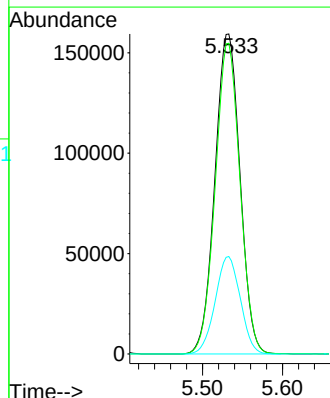
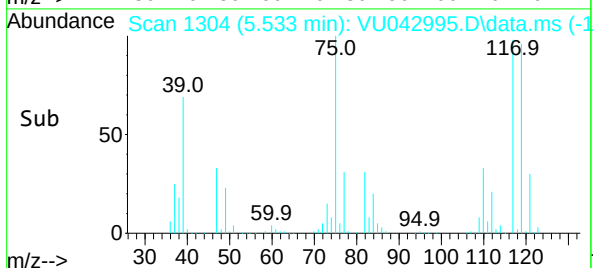
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 558116 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 12.2  | 9.6   | 14.4   |
| 70        | 8.6   | 6.6   | 9.8    |



#38  
Carbon Tetrachloride  
Concen: 151.09 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



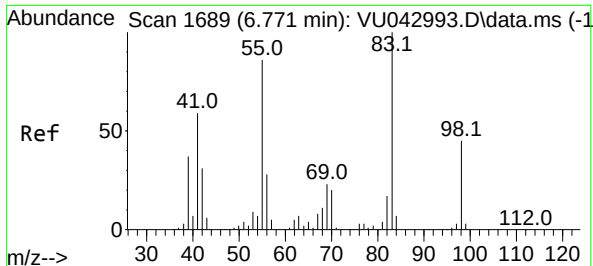
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 347095 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.1  | 79.6  | 119.4  |
| 121       | 30.5  | 24.1  | 36.1   |



Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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#39

Methylcyclohexane

Concen: 157.52 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU042995.D

Acq: 08 Apr 2021 19:08

Tgt Ion: 83 Resp: 360926

Ion Ratio Lower Upper

83 100

55 86.5 68.6 103.0

98 46.3 36.0 54.0

Instrument :

MSVOA\_U

ClientSampleId :

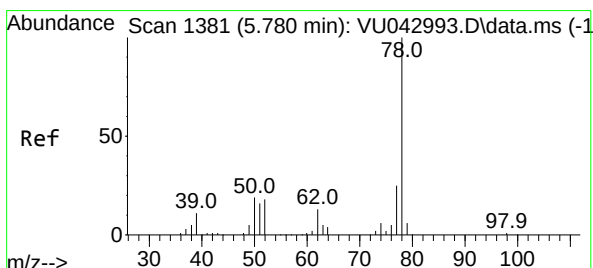
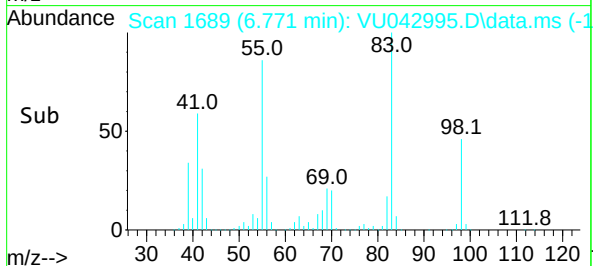
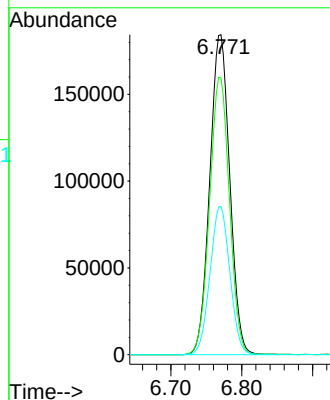
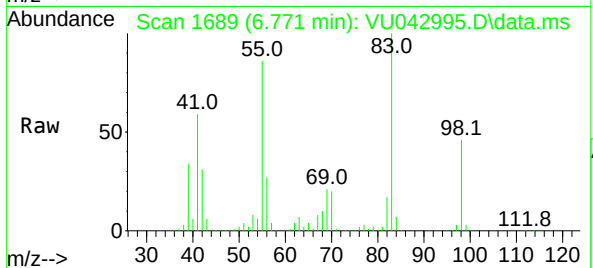
VSTDIC150

Manual Integrations

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#40

Benzene

Concen: 151.39 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VU042995.D

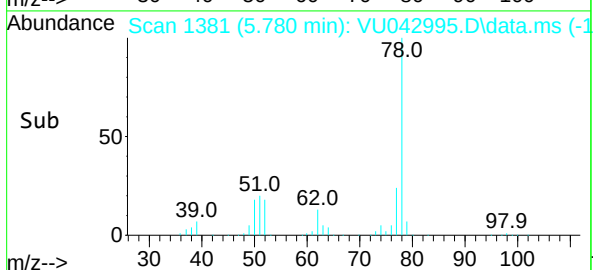
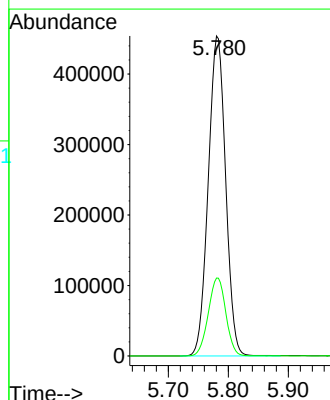
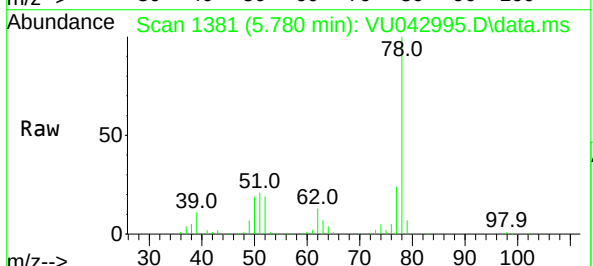
Acq: 08 Apr 2021 19:08

Tgt Ion: 78 Resp: 915032

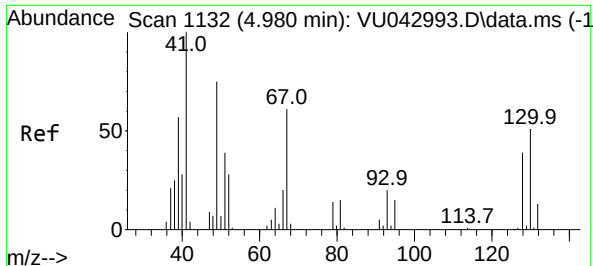
Ion Ratio Lower Upper

78 100

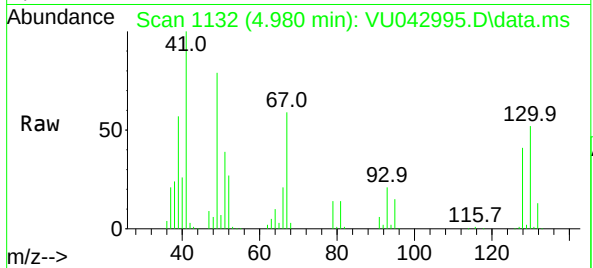
77 24.4 19.8 29.6



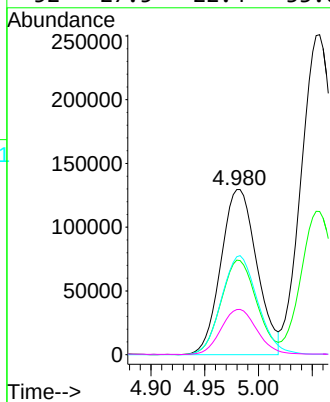
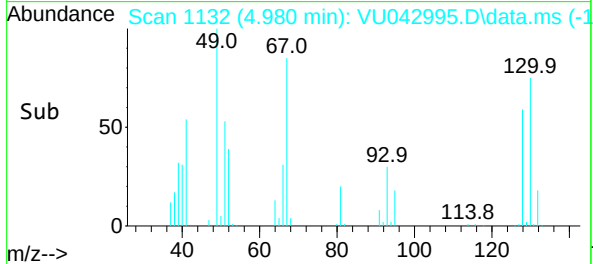




#41  
Methacrylonitrile  
Concen: 179.43 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



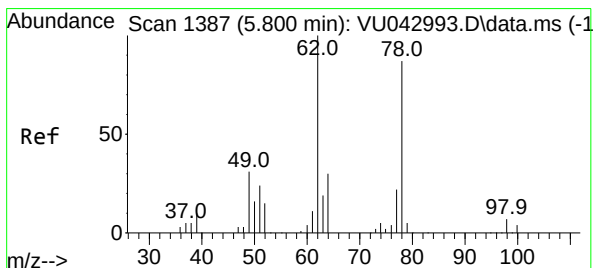
Tgt Ion: 41 Resp: 301944  
Ion Ratio Lower Upper  
41 100  
39 56.8 45.7 68.5  
67 60.5 48.0 72.0  
52 27.5 22.4 33.6



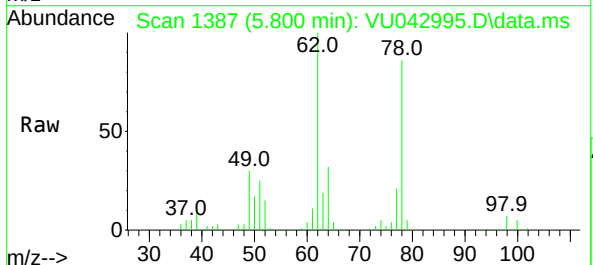
Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC150

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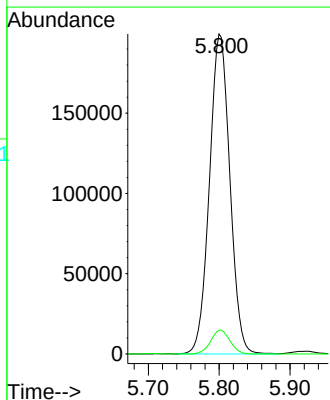
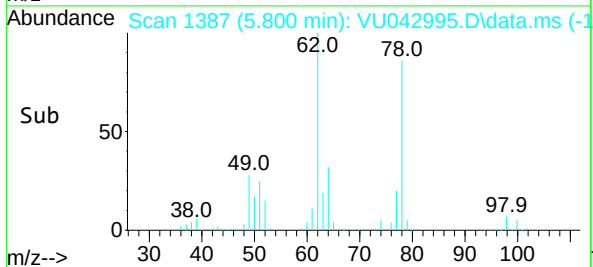
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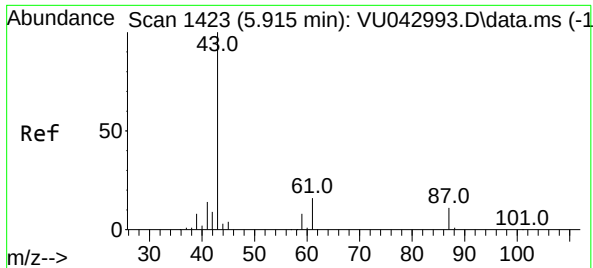


#42  
1,2-Dichloroethane  
Concen: 153.31 ug/l  
RT: 5.800 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

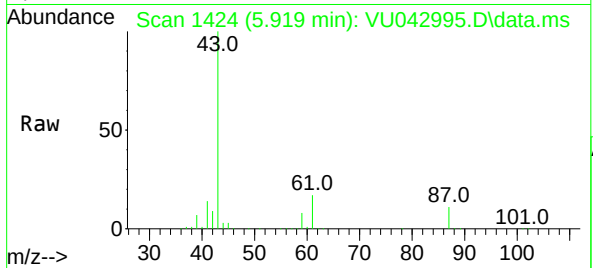


Tgt Ion: 62 Resp: 399313  
Ion Ratio Lower Upper  
62 100  
98 7.0 0.0 14.4

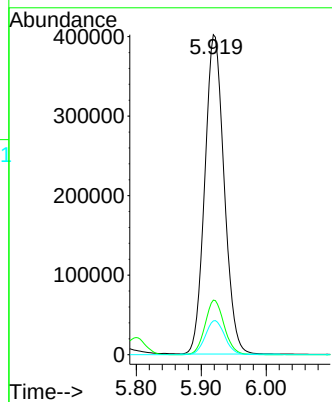
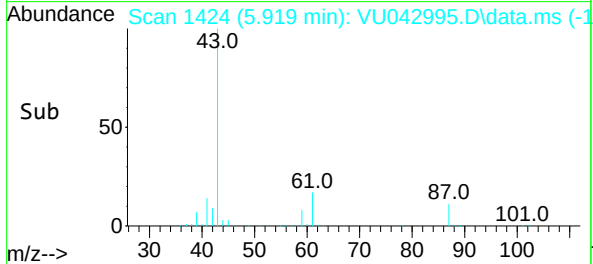




#43  
Isopropyl Acetate  
Concen: 173.67 ug/l  
RT: 5.919 min Scan# 1424  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



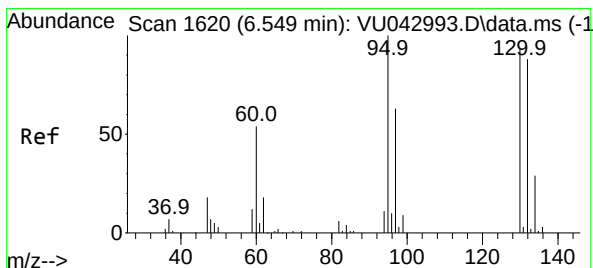
Tgt Ion: 43 Resp: 832232  
Ion Ratio Lower Upper  
43 100  
61 16.9 13.4 20.2  
87 10.7 8.6 12.8



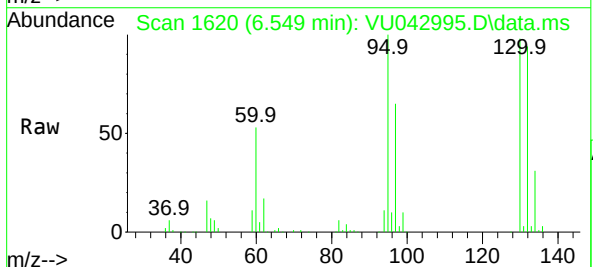
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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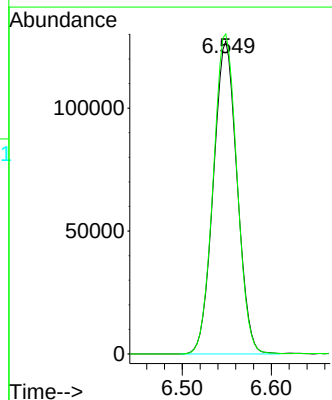
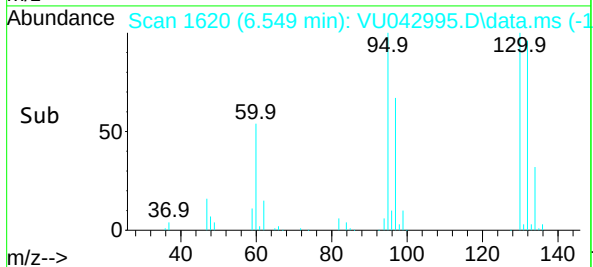
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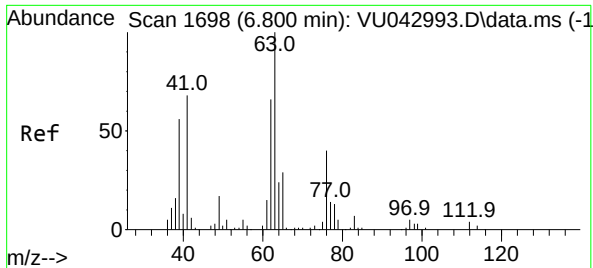


#44  
Trichloroethene  
Concen: 152.78 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

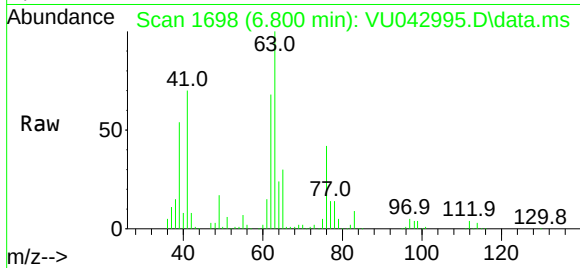


Tgt Ion:130 Resp: 235504  
Ion Ratio Lower Upper  
130 100  
95 102.3 0.0 215.4

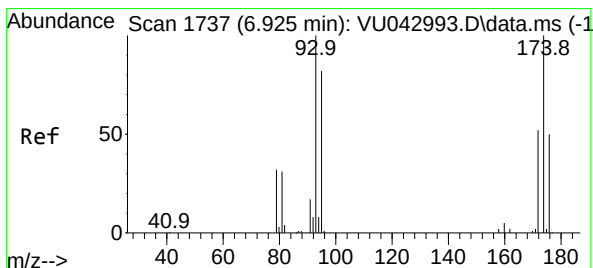
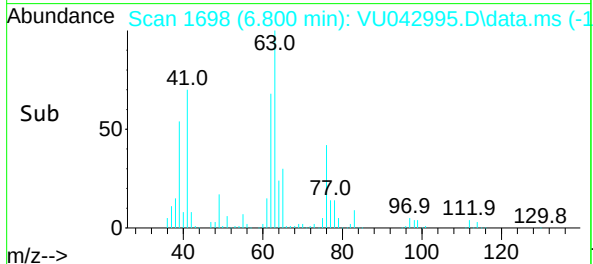
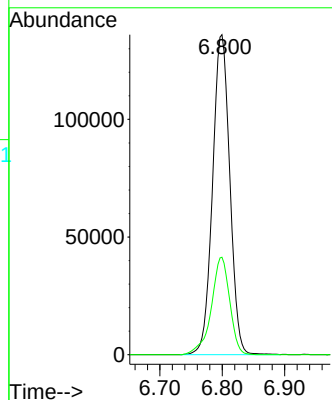




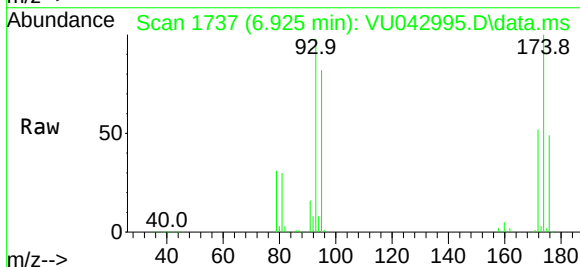
#45  
1,2-Dichloropropane  
Concen: 162.21 ug/l  
RT: 6.800 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



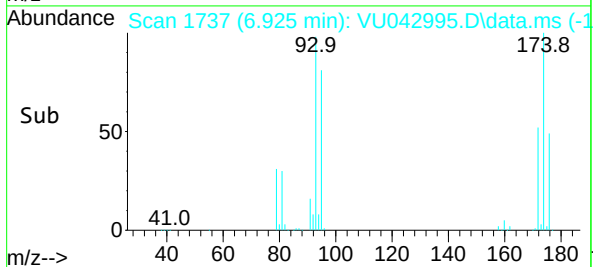
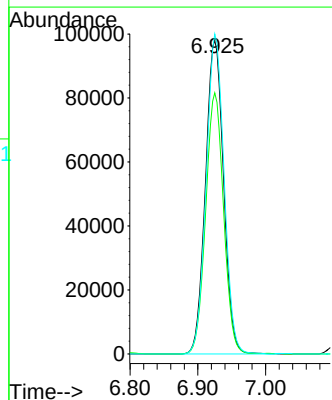
Tgt Ion: 63 Resp: 261195  
Ion Ratio Lower Upper  
63 100  
65 30.4 23.5 35.3



#46  
Dibromomethane  
Concen: 158.36 ug/l  
RT: 6.925 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



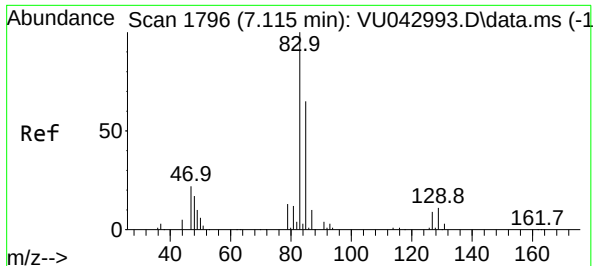
Tgt Ion: 93 Resp: 182034  
Ion Ratio Lower Upper  
93 100  
95 82.4 65.4 98.0  
174 100.7 79.8 119.8



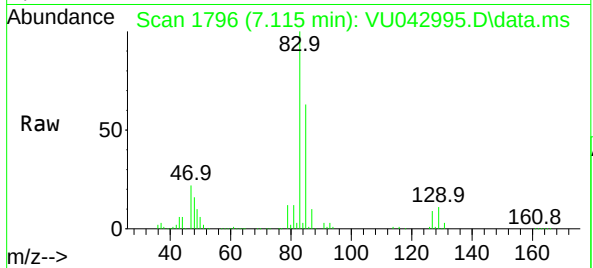
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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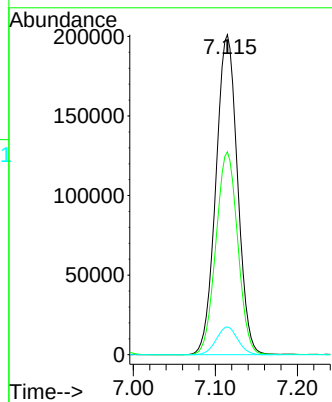
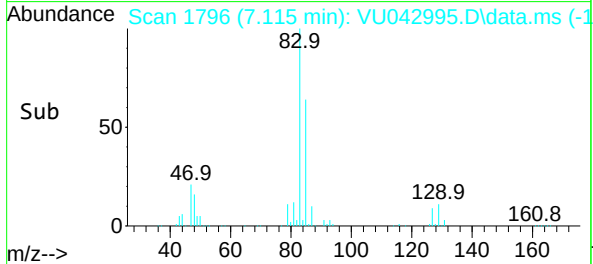
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#47  
Bromodichloromethane  
Concen: 158.64 ug/l  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



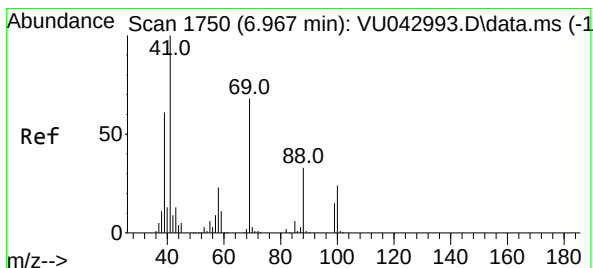
Tgt Ion: 83 Resp: 368619  
Ion Ratio Lower Upper  
83 100  
85 63.4 52.2 78.2  
127 8.7 7.0 10.6



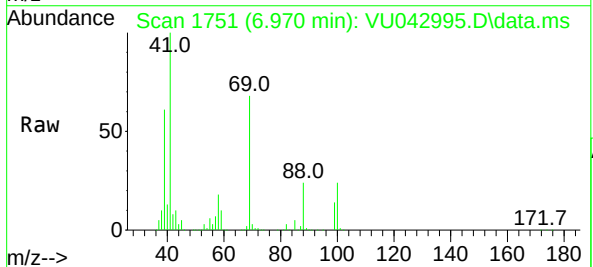
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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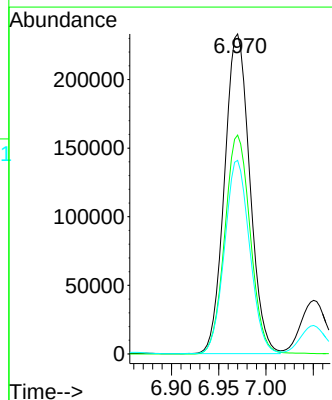
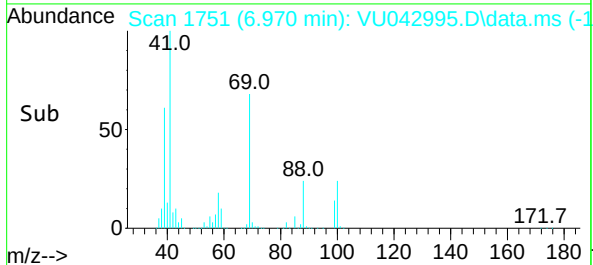
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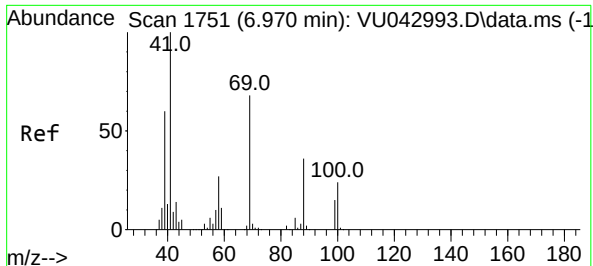


#48  
Methyl methacrylate  
Concen: 186.08 ug/l  
RT: 6.970 min Scan# 1751  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



Tgt Ion: 41 Resp: 432914  
Ion Ratio Lower Upper  
41 100  
69 69.3 55.1 82.7  
39 60.2 50.0 75.0





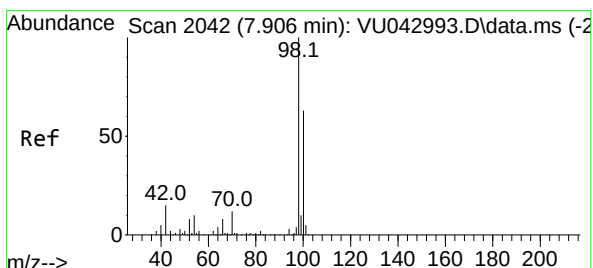
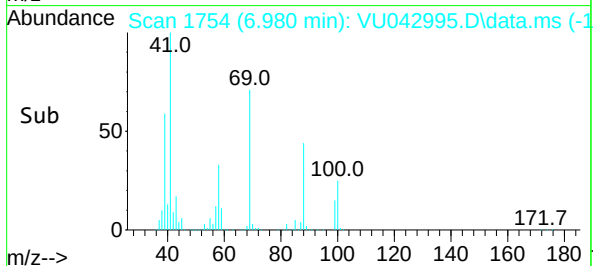
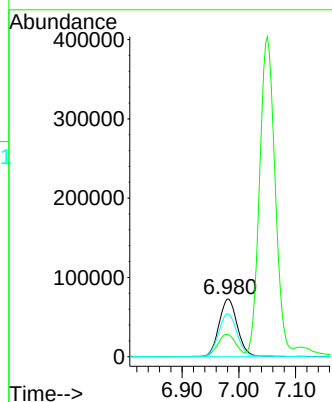
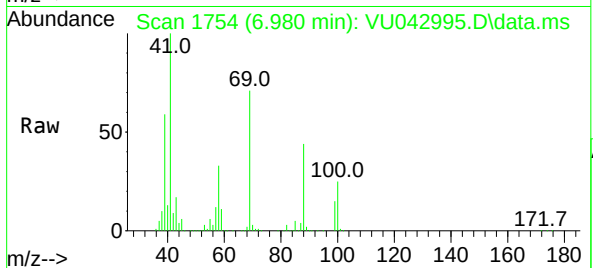
#49  
1,4-Dioxane  
Concen: 3595.37 ug/l  
RT: 6.980 min Scan# 1754  
Delta R.T. 0.010 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 88 Resp: 164343  
Ion Ratio Lower Upper  
88 100  
43 39.0 30.8 46.2  
58 74.5 57.8 86.6

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC150

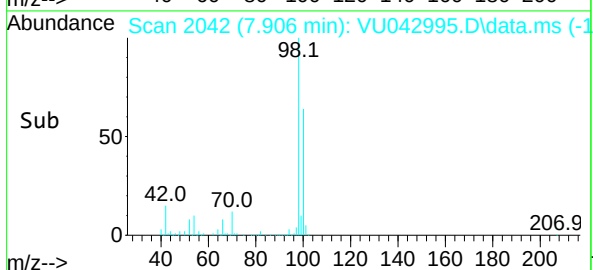
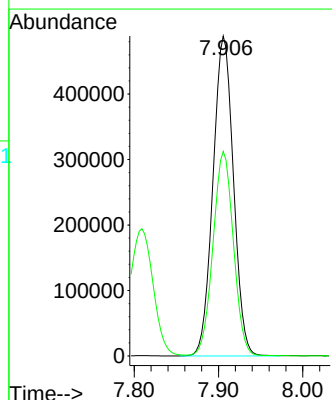
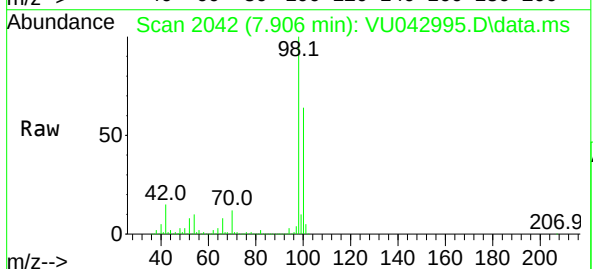
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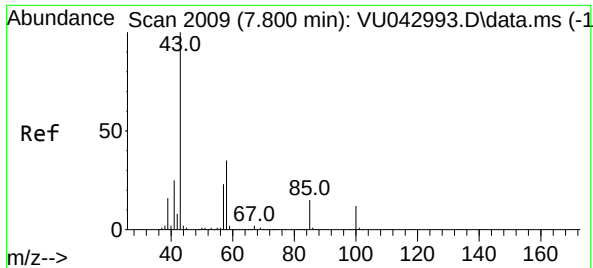
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#50  
Toluene-d8  
Concen: 154.72 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 98 Resp: 824128  
Ion Ratio Lower Upper  
98 100  
100 63.8 49.9 74.9





#51  
4-Methyl-2-Pentanone  
Concen: 958.98 ug/l  
RT: 7.809 min Scan# 2012  
Delta R.T. 0.010 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

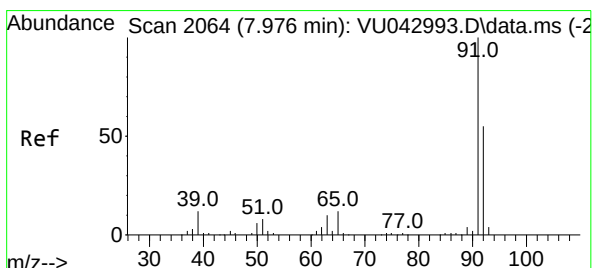
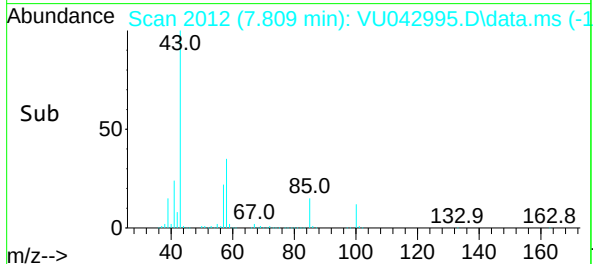
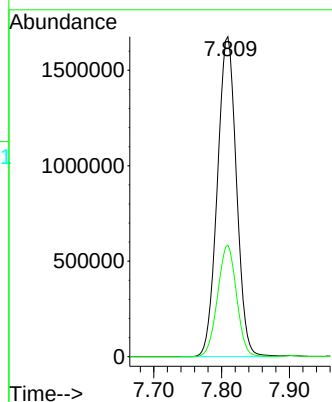
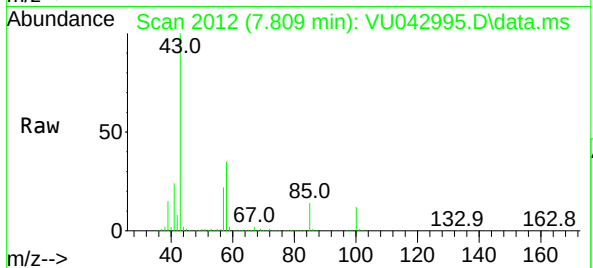
Tgt Ion: 43 Resp: 3275969  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 34.7  | 27.7  | 41.5  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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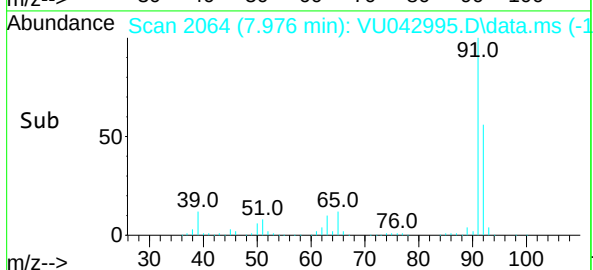
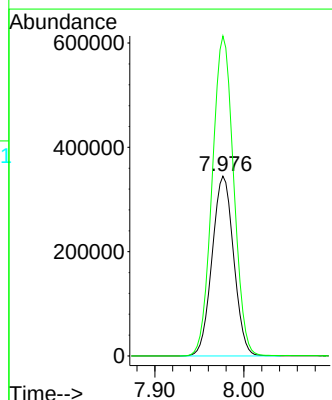
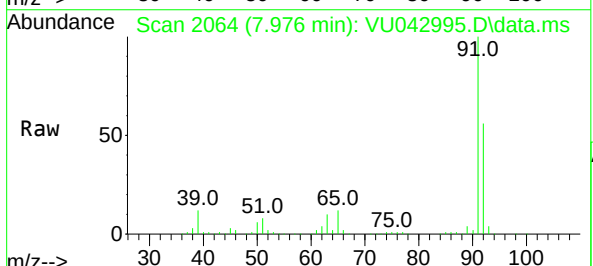
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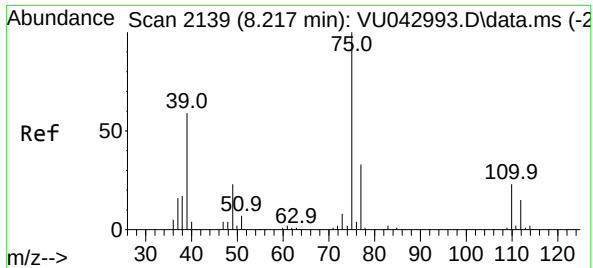


#52  
Toluene  
Concen: 156.86 ug/l  
RT: 7.976 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 92 Resp: 579897  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 92  | 100   |       |       |
| 91  | 177.4 | 141.1 | 211.7 |





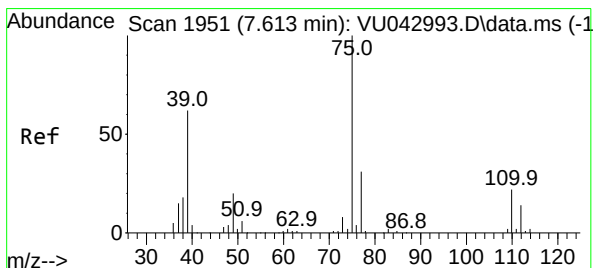
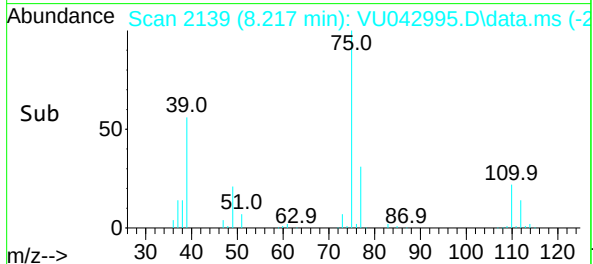
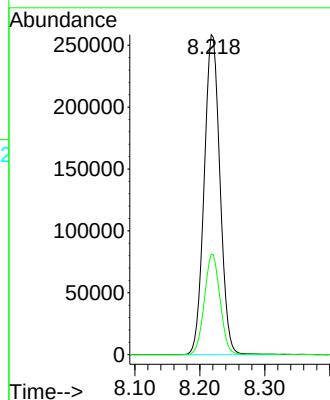
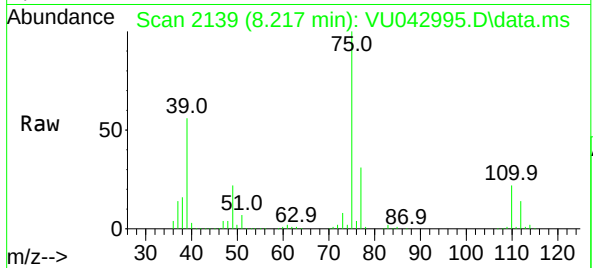
#53  
t-1,3-Dichloropropene  
Concen: 176.86 ug/l  
RT: 8.217 min Scan# 2139  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 75 Resp: 438036  
Ion Ratio Lower Upper  
75 100  
77 31.4 26.5 39.7

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

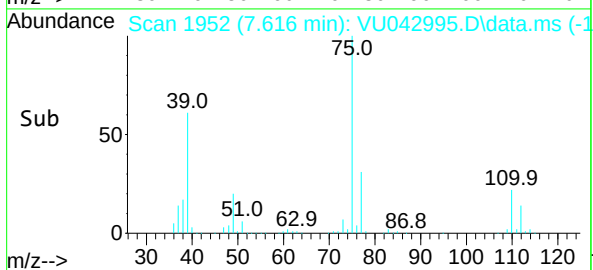
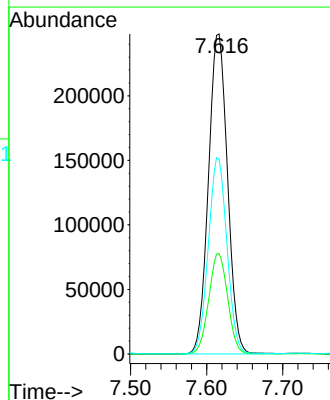
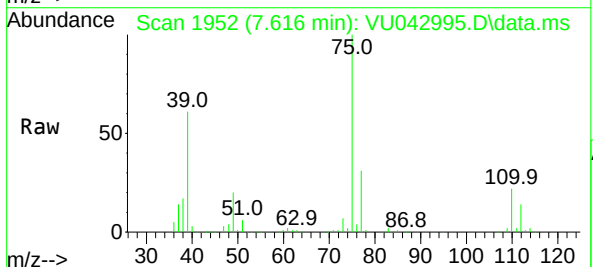
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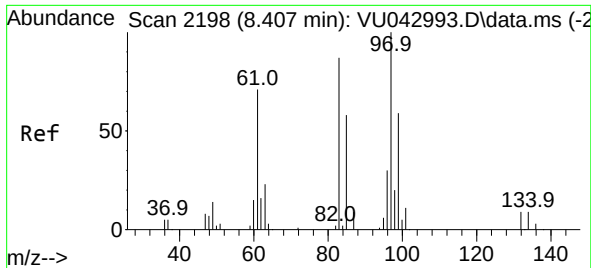
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#54  
cis-1,3-Dichloropropene  
Concen: 166.40 ug/l  
RT: 7.616 min Scan# 1952  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

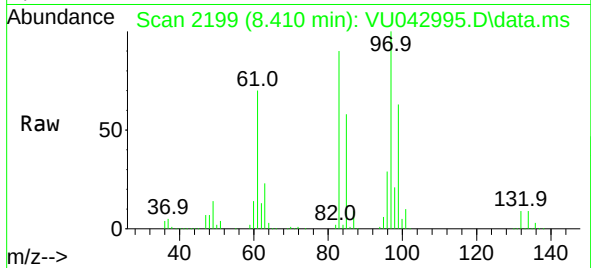
Tgt Ion: 75 Resp: 431551  
Ion Ratio Lower Upper  
75 100  
77 31.4 24.6 36.8  
39 61.0 49.4 74.0





#55  
1,1,2-Trichloroethane  
Concen: 160.66 ug/l  
RT: 8.410 min Scan# 2199  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

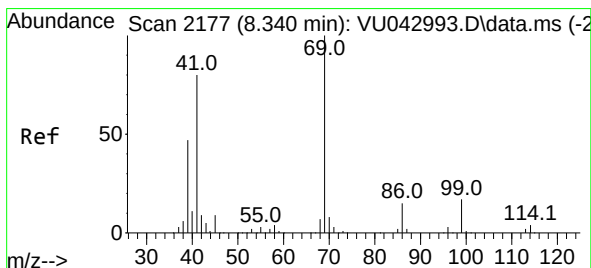
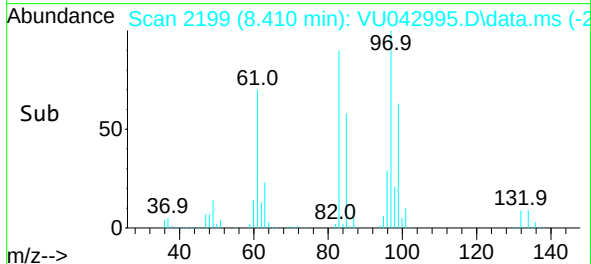
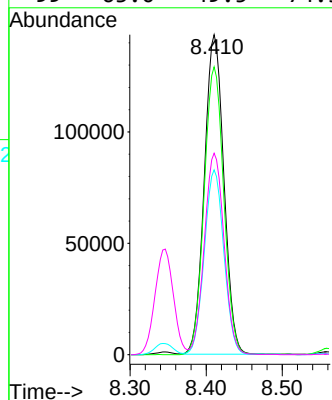


Tgt Ion: 97 Resp: 256011

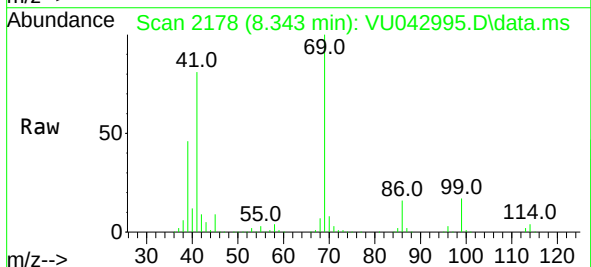
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 90.1  | 69.8  | 104.8 |
| 85  | 57.8  | 47.0  | 70.6  |
| 99  | 63.0  | 49.5  | 74.3  |

Manual Integrations  
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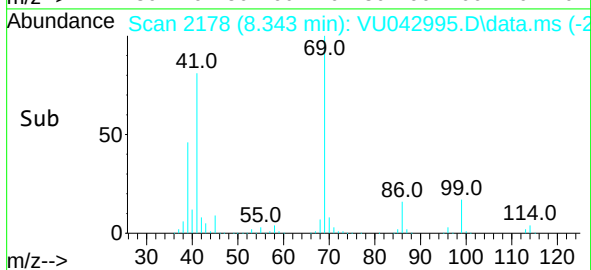
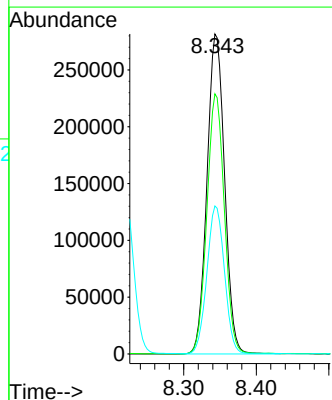


#56  
Ethyl methacrylate  
Concen: 191.47 ug/l  
RT: 8.343 min Scan# 2178  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

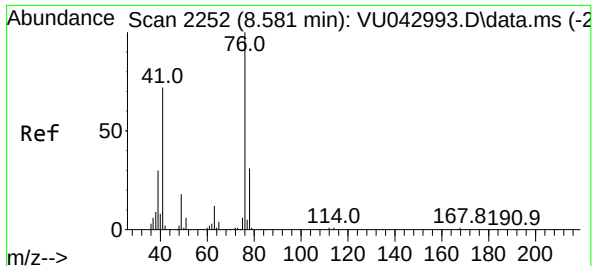


Tgt Ion: 69 Resp: 474876

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 80.7  | 65.6  | 98.4  |
| 39  | 45.9  | 39.0  | 58.6  |







#57

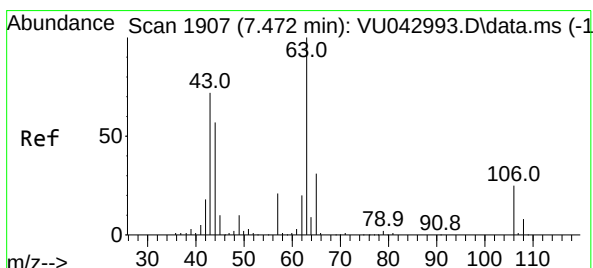
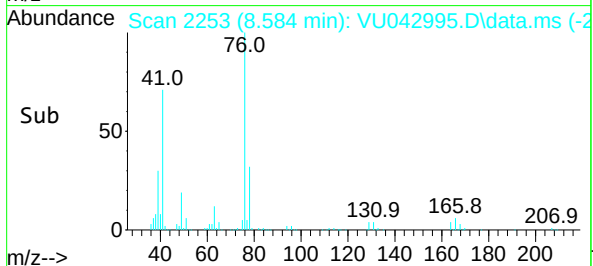
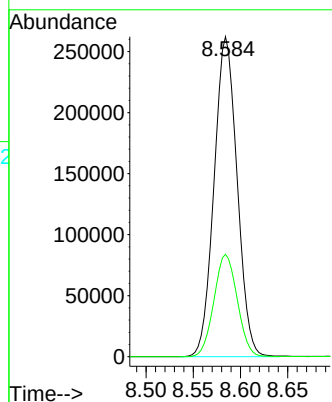
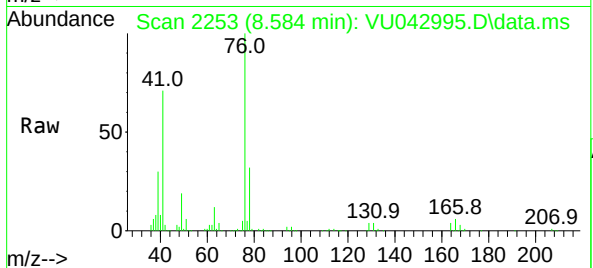
1,3-Dichloropropane  
Concen: 161.15 ug/l  
RT: 8.584 min Scan# 2253  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 76 Resp: 443906  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.4 38.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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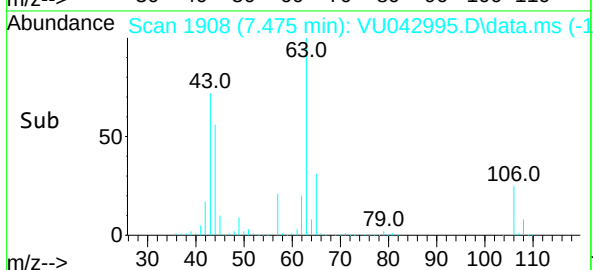
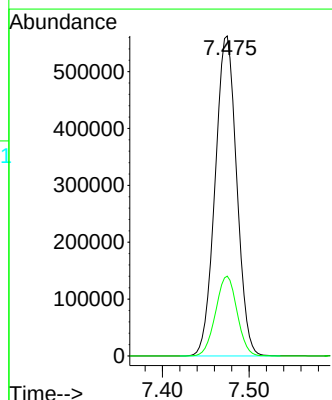
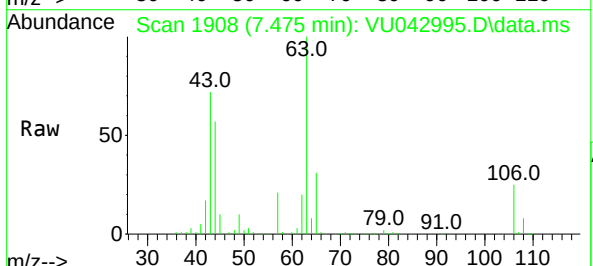
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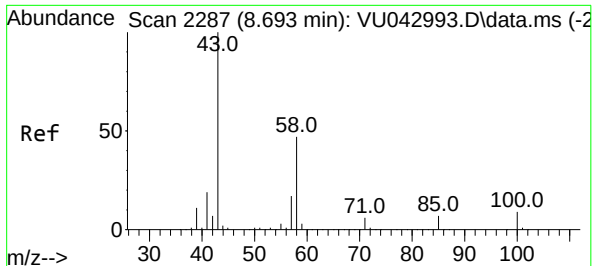


#58

2-Chloroethyl Vinyl ether  
Concen: 1478.67 ug/l  
RT: 7.475 min Scan# 1908  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 63 Resp: 973852  
Ion Ratio Lower Upper  
63 100  
106 24.8 20.3 30.5





#59

2-Hexanone

Concen: 979.39 ug/l

RT: 8.700 min Scan# 2289

Delta R.T. 0.006 min

Lab File: VU042995.D

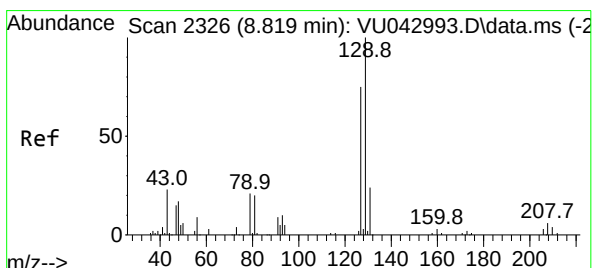
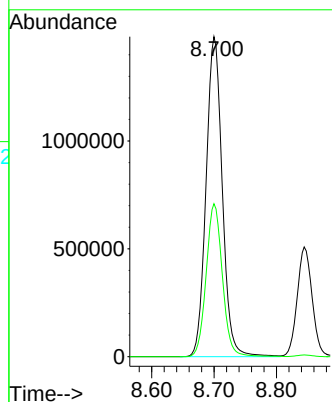
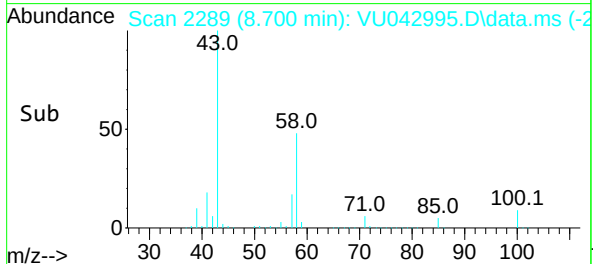
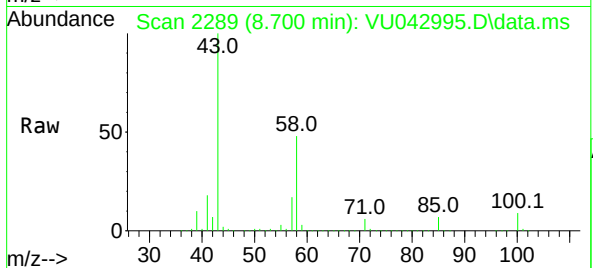
Acq: 08 Apr 2021 19:08

Tgt Ion: 43 Resp: 2684479

Ion Ratio Lower Upper

43 100

58 47.8 23.7 71.1



#60

Dibromochloromethane

Concen: 170.00 ug/l

RT: 8.822 min Scan# 2327

Delta R.T. 0.003 min

Lab File: VU042995.D

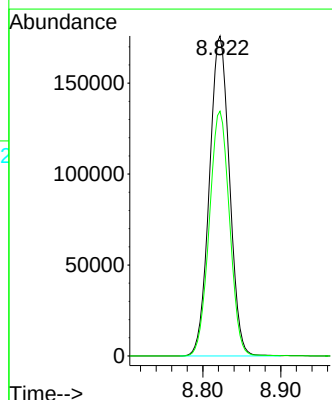
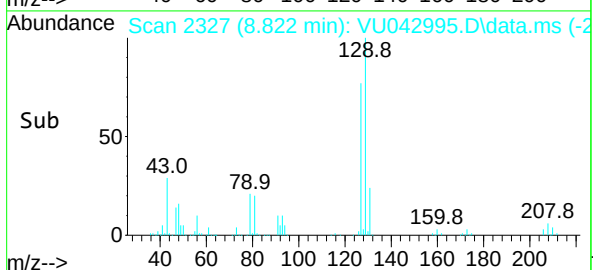
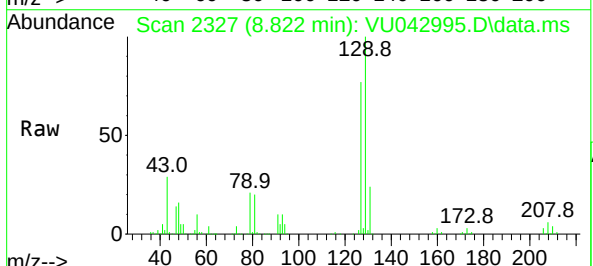
Acq: 08 Apr 2021 19:08

Tgt Ion: 129 Resp: 315360

Ion Ratio Lower Upper

129 100

127 77.0 38.7 116.1



Instrument :

MSVOA\_U

ClientSampleId :

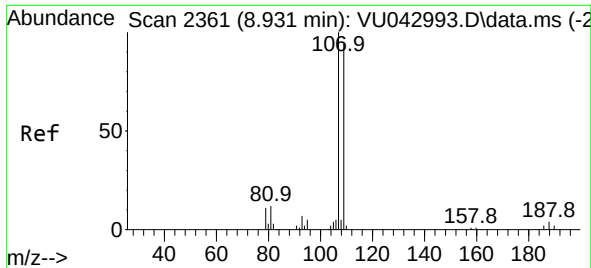
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Manual Integrations

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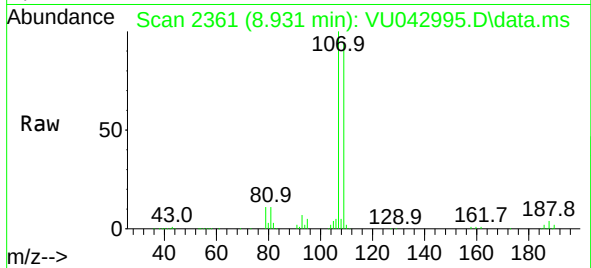
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#61  
1,2-Dibromoethane  
Concen: 160.88 ug/l  
RT: 8.931 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

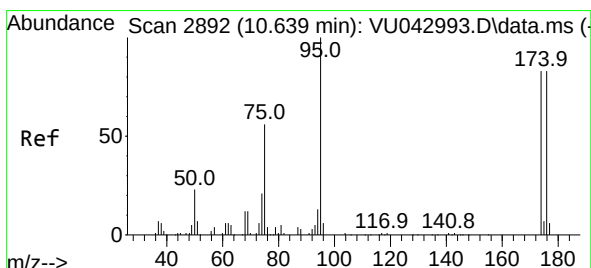
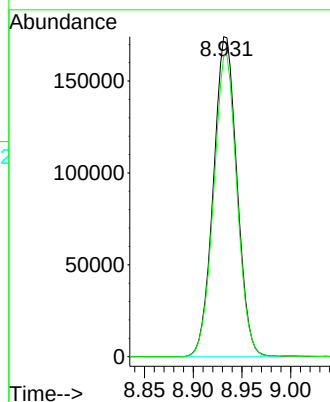
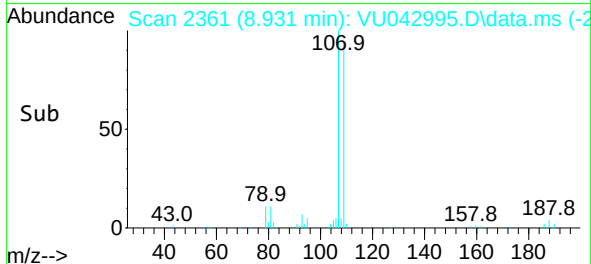
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150



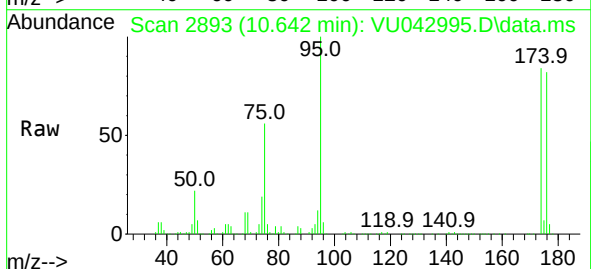
Tgt Ion: 107 Resp: 293333  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.7 113.5

Manual Integrations  
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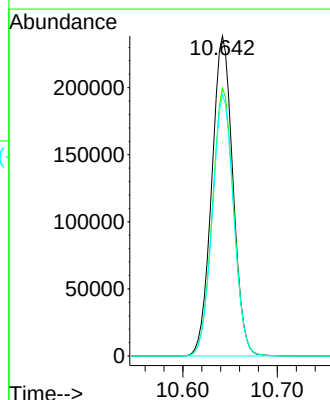
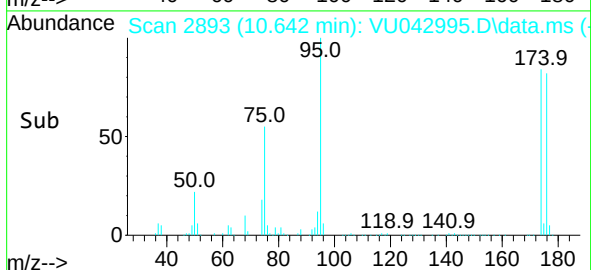
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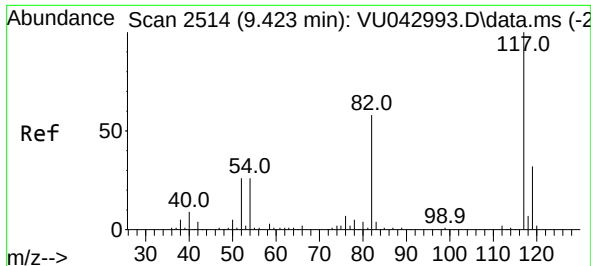


#62  
4-Bromofluorobenzene  
Concen: 176.49 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

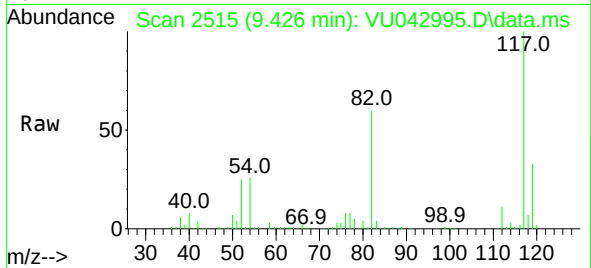


Tgt Ion: 95 Resp: 370650  
Ion Ratio Lower Upper  
95 100  
174 84.6 0.0 168.8  
176 82.2 0.0 164.6

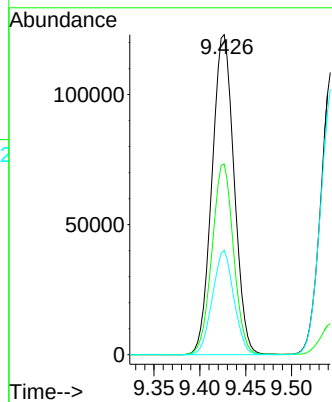
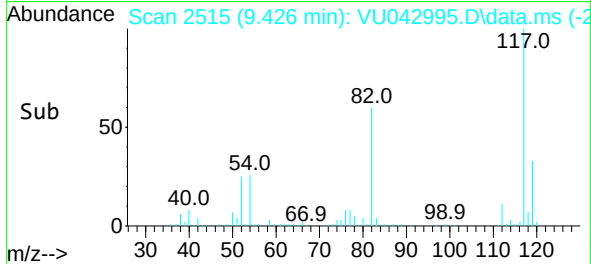




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.426 min Scan# 2515  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



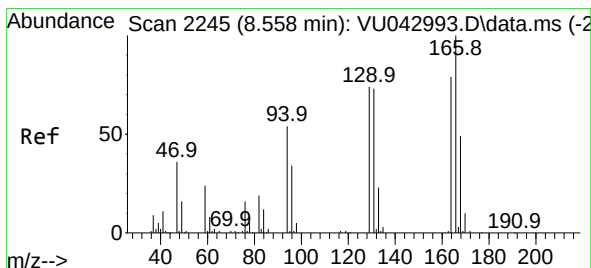
Tgt Ion:117 Resp: 206313  
Ion Ratio Lower Upper  
117 100  
82 59.6 46.5 69.7  
119 32.6 25.7 38.5



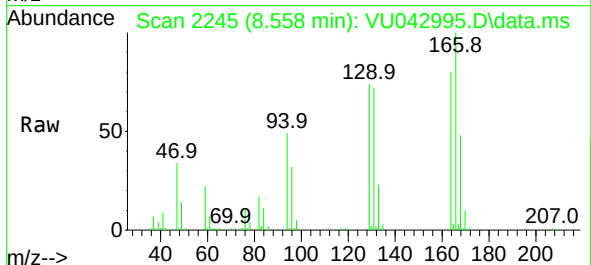
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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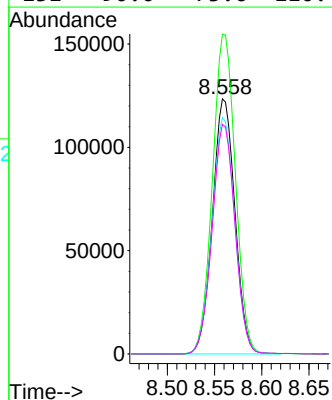
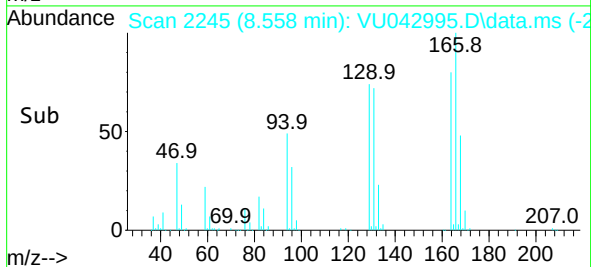
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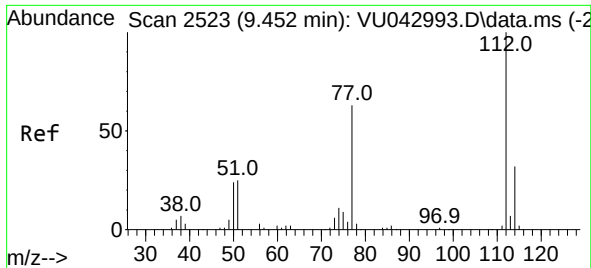


#64  
Tetrachloroethene  
Concen: 127.26 ug/l  
RT: 8.558 min Scan# 2245  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



Tgt Ion:164 Resp: 204536  
Ion Ratio Lower Upper  
164 100  
166 125.5 101.2 151.8  
129 92.7 74.5 111.7  
131 90.0 73.6 110.4





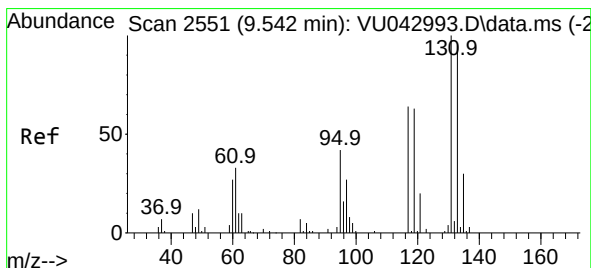
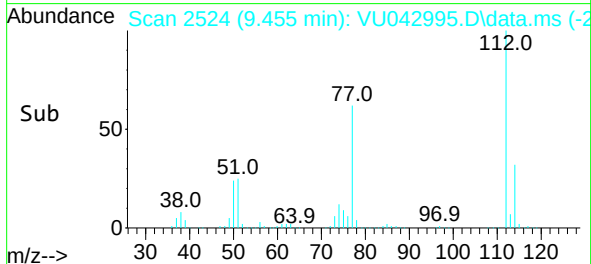
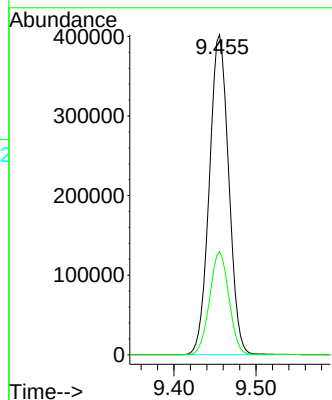
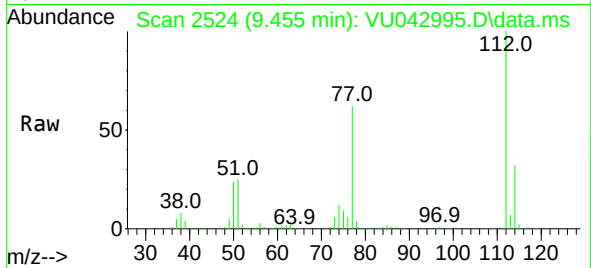
#65  
Chlorobenzene  
Concen: 156.63 ug/l  
RT: 9.455 min Scan# 2524  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion:112 Resp: 659629  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

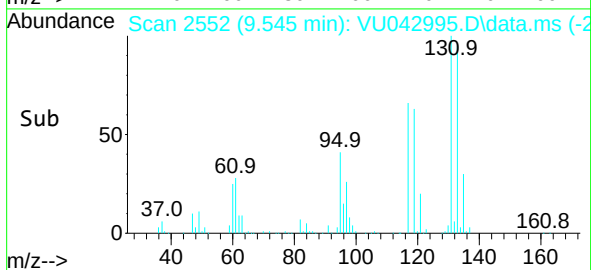
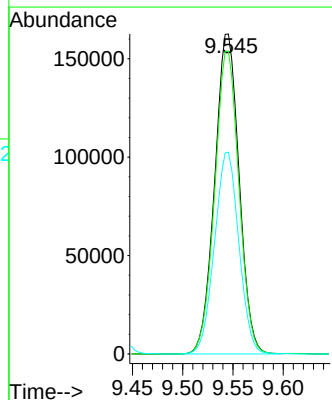
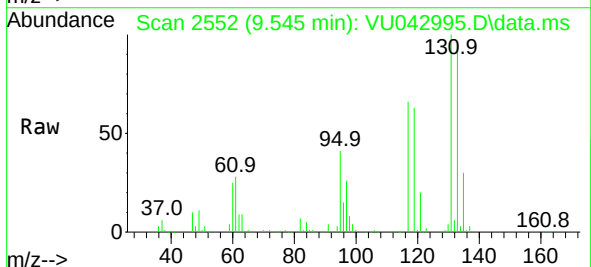
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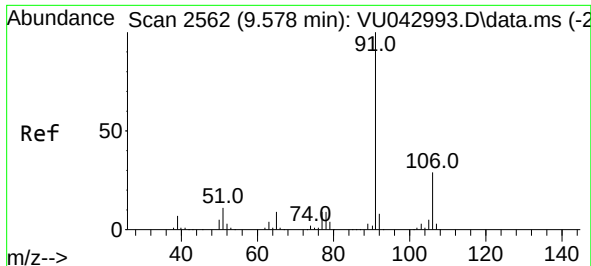
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 163.65 ug/l  
RT: 9.545 min Scan# 2552  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion:131 Resp: 274384  
Ion Ratio Lower Upper  
131 100  
133 94.0 47.1 141.4  
119 63.0 31.1 93.2





#67

Ethyl Benzene

Concen: 160.21 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU042995.D

Acq: 08 Apr 2021 19:08

Tgt Ion: 91 Resp: 1213526

Ion Ratio Lower Upper

91 100

106 30.5 23.6 35.4

Instrument :

MSVOA\_U

ClientSampleId :

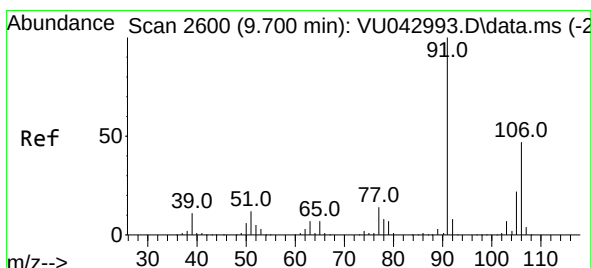
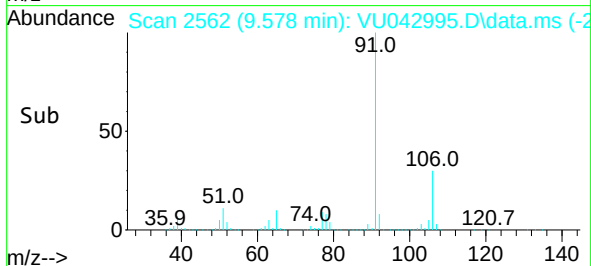
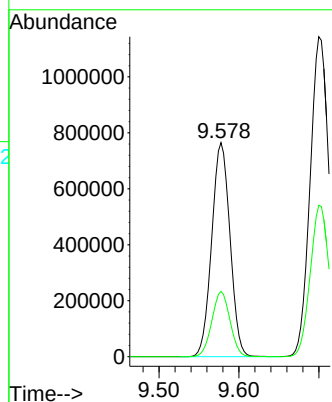
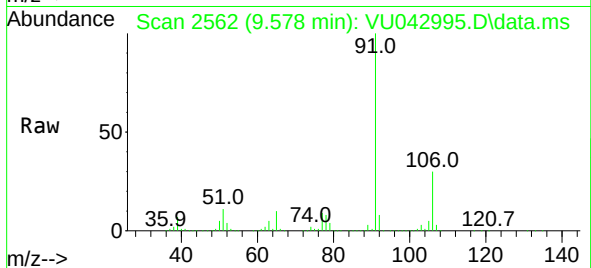
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#68

m/p-Xylenes

Concen: 321.55 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.000 min

Lab File: VU042995.D

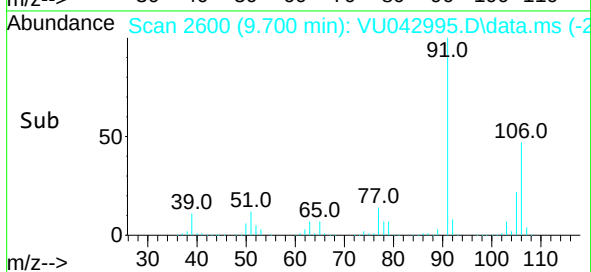
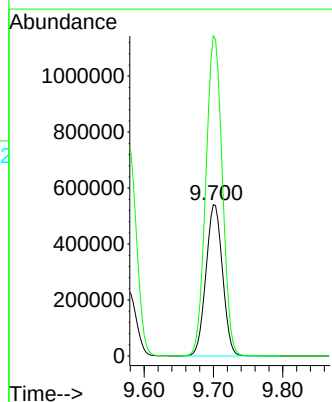
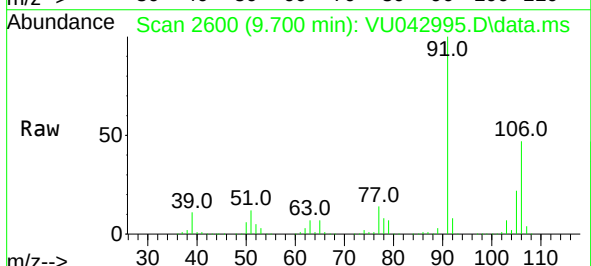
Acq: 08 Apr 2021 19:08

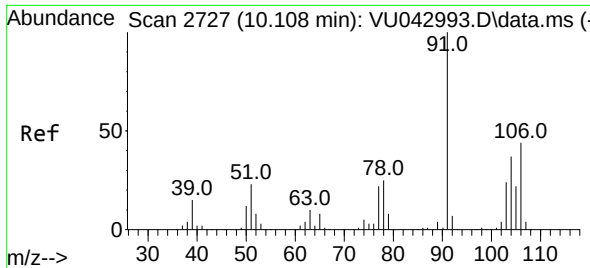
Tgt Ion:106 Resp: 894649

Ion Ratio Lower Upper

106 100

91 211.1 170.2 255.2





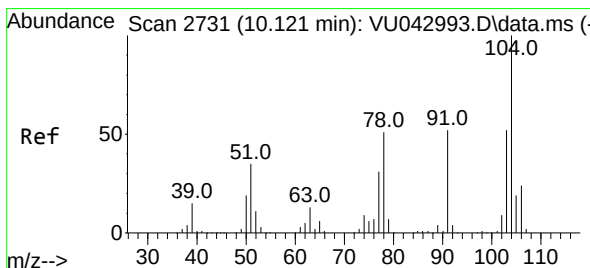
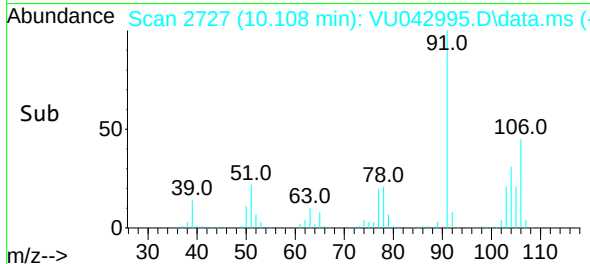
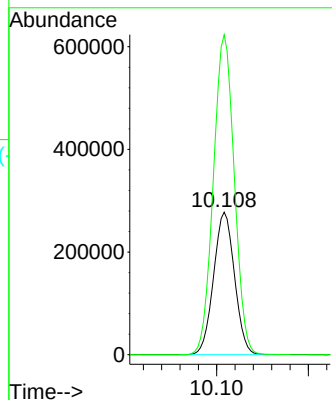
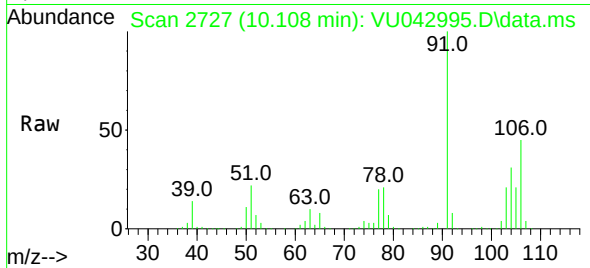
#69  
o-Xylene  
Concen: 163.30 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion:106 Resp: 440909  
Ion Ratio Lower Upper  
106 100  
91 224.6 113.8 341.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

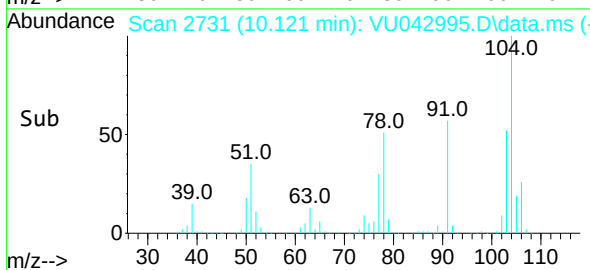
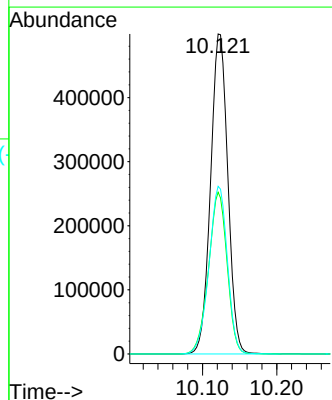
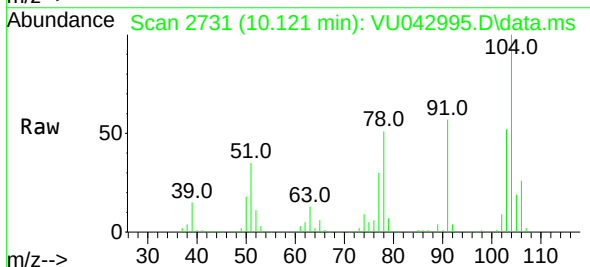
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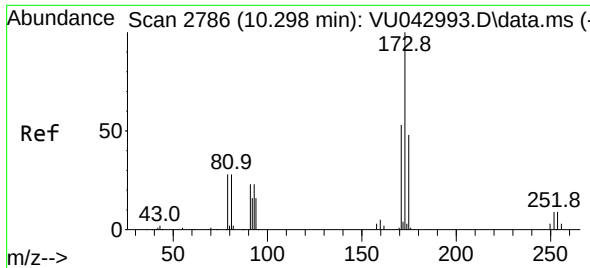
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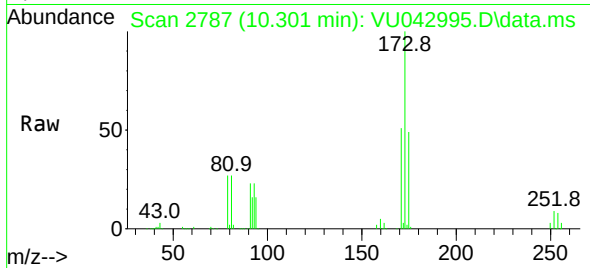
#70  
Styrene  
Concen: 175.86 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion:104 Resp: 803826  
Ion Ratio Lower Upper  
104 100  
78 54.4 44.6 66.8  
103 56.0 45.5 68.3

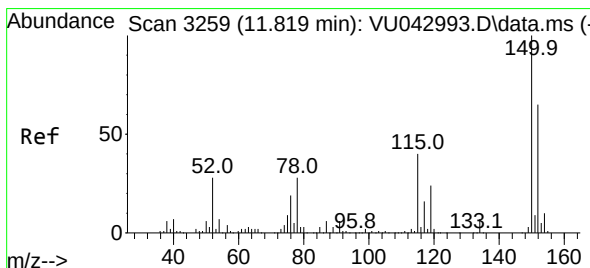
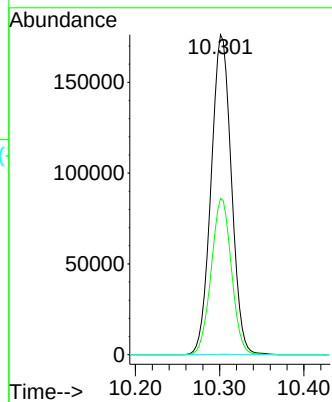
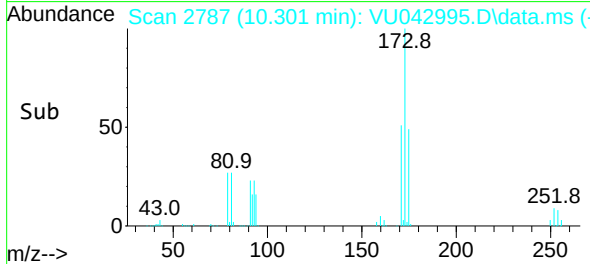




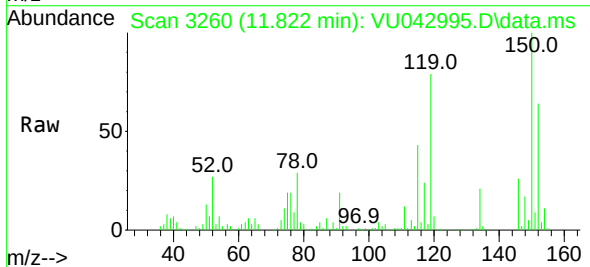
#71  
Bromoform  
Concen: 183.25 ug/l  
RT: 10.301 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



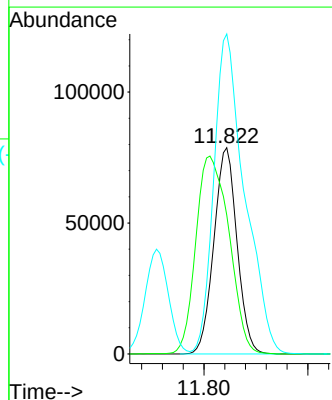
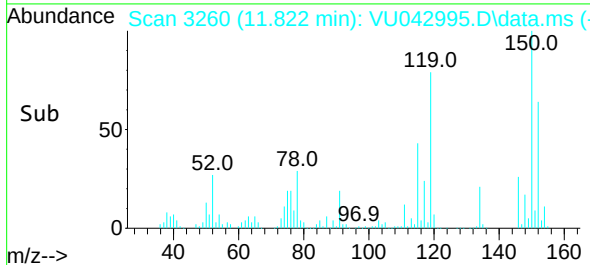
Tgt Ion:173 Resp: 294292  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.6 74.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.822 min Scan# 3260  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



Tgt Ion:152 Resp: 121751  
Ion Ratio Lower Upper  
152 100  
115 137.6 42.8 128.3#  
150 207.3 0.0 347.6

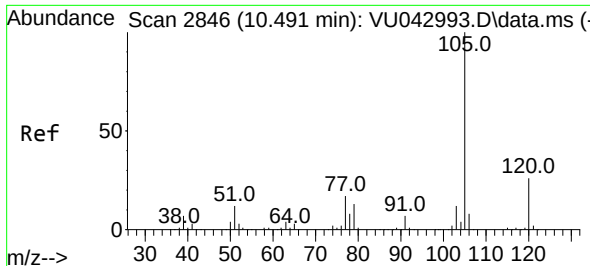


Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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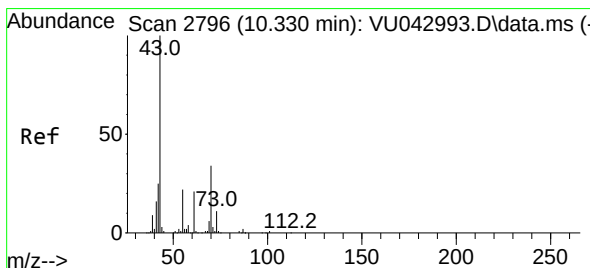
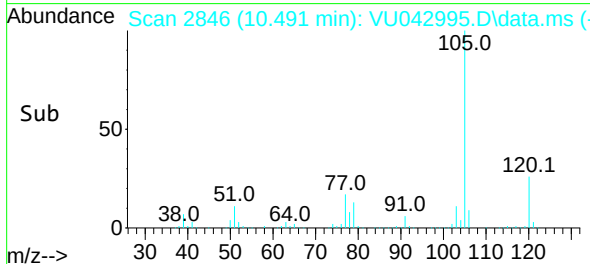
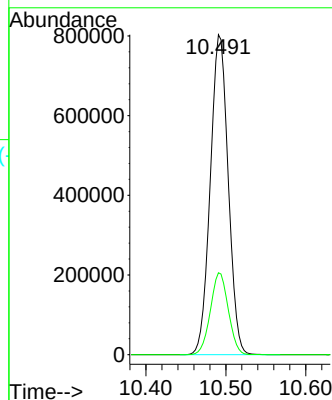
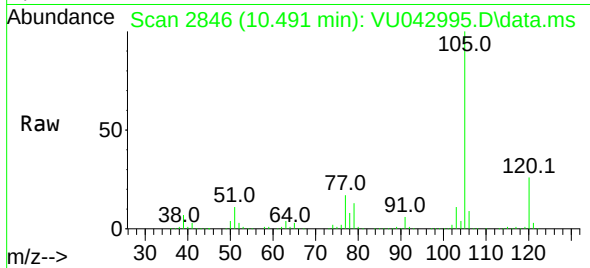
#73  
Isopropylbenzene  
Concen: 161.76 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 105 Resp: 1249563  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.0 38.9

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

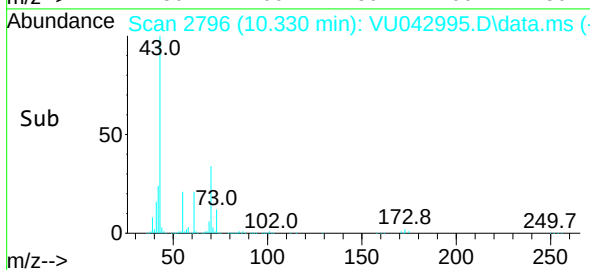
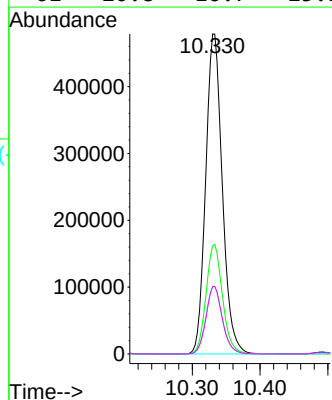
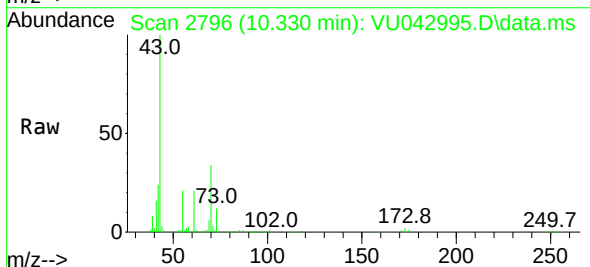
Manual Integrations  
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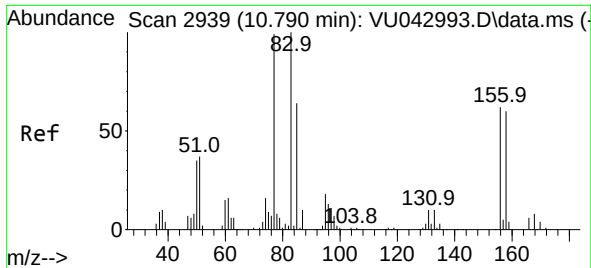
MMDadoda  
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#74  
N-ethyl acetate  
Concen: 183.82 ug/l  
RT: 10.330 min Scan# 2796  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 43 Resp: 815152  
Ion Ratio Lower Upper  
43 100  
70 33.9 27.4 41.0  
55 21.0 17.8 26.6  
61 20.8 16.7 25.1





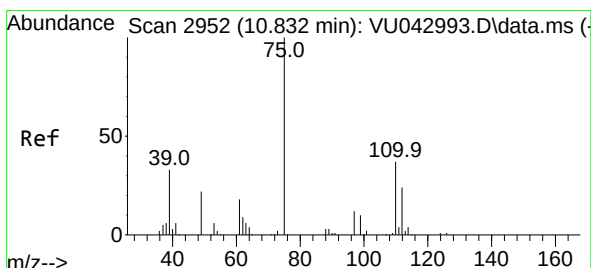
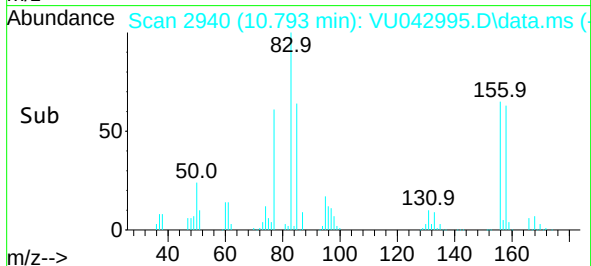
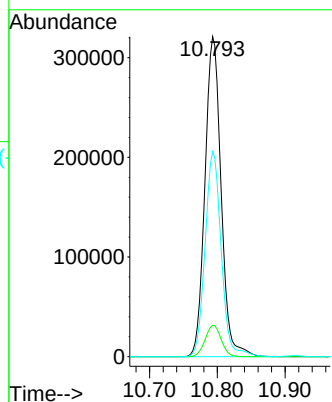
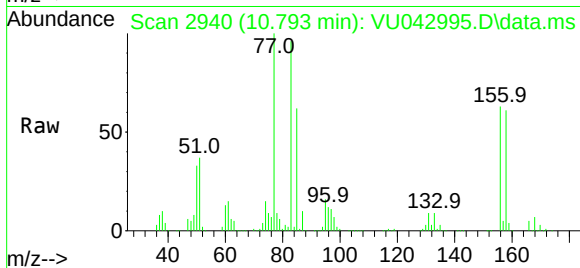
#75  
1,1,2,2-Tetrachloroethane  
Concen: 164.18 ug/l  
RT: 10.793 min Scan# 2940  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 83 Resp: 531534  
Ion Ratio Lower Upper  
83 100  
131 9.7 4.8 14.4  
85 64.2 31.4 94.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

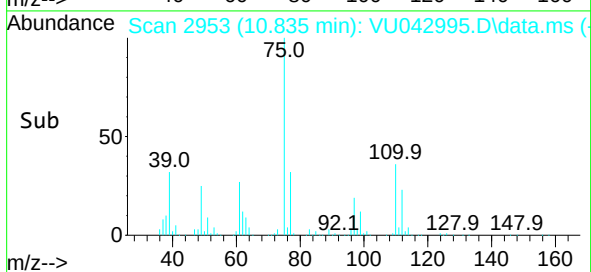
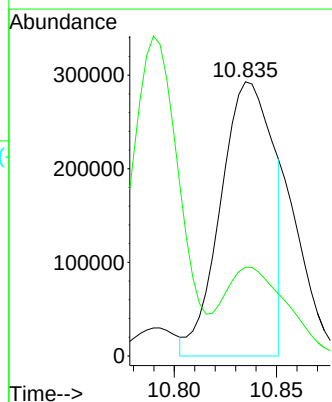
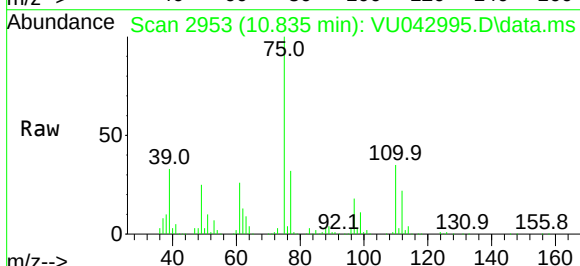
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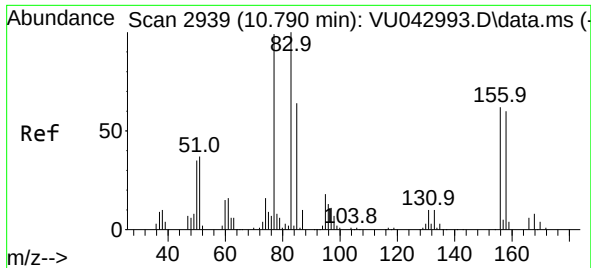
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#76  
1,2,3-Trichloropropane  
Concen: 162.19 ug/l m  
RT: 10.835 min Scan# 2953  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 75 Resp: 519979  
Ion Ratio Lower Upper  
75 100  
77 38.5 18.2 54.6





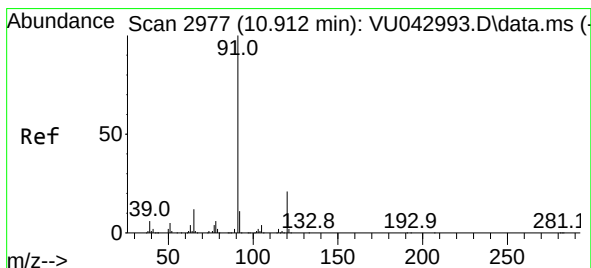
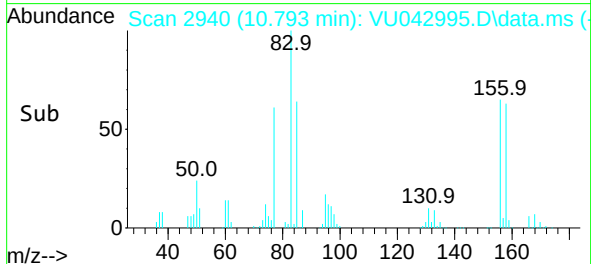
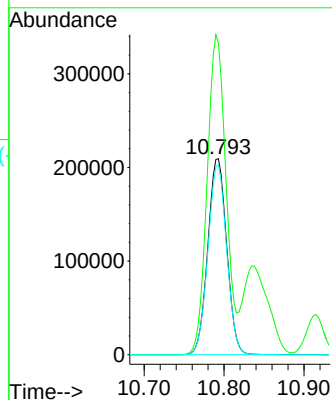
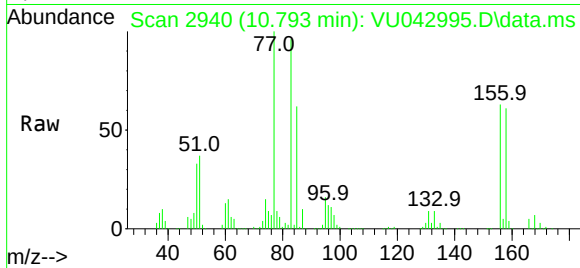
#77  
Bromobenzene  
Concen: 160.82 ug/l  
RT: 10.793 min Scan# 2940  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 156 Resp: 343324  
Ion Ratio Lower Upper  
156 100  
77 162.0 81.8 245.4  
158 96.1 48.9 146.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

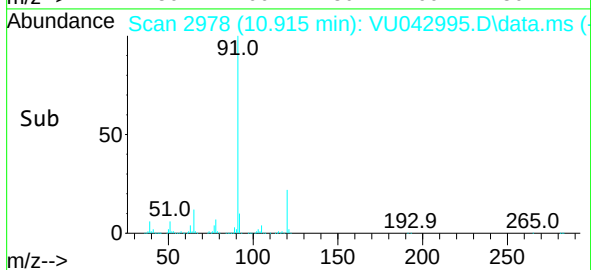
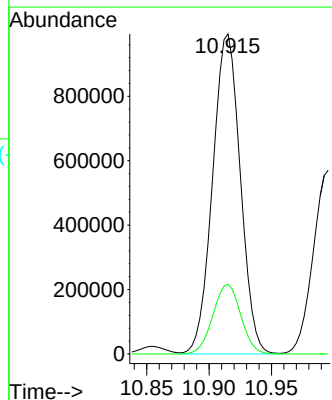
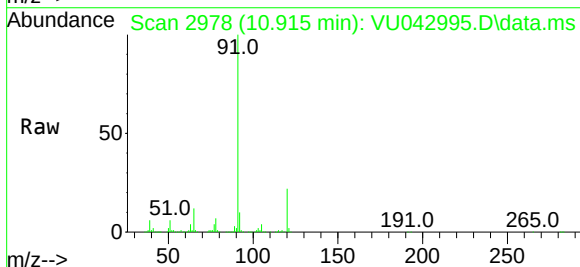
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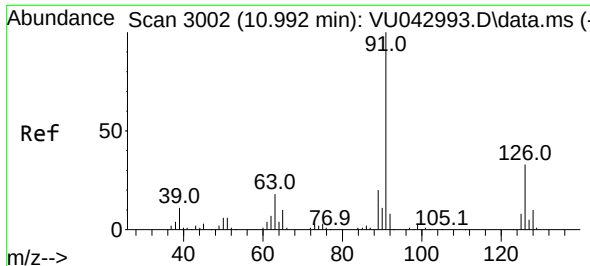
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#78  
n-propylbenzene  
Concen: 168.35 ug/l  
RT: 10.915 min Scan# 2978  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 91 Resp: 1537756  
Ion Ratio Lower Upper  
91 100  
120 21.9 10.7 32.1





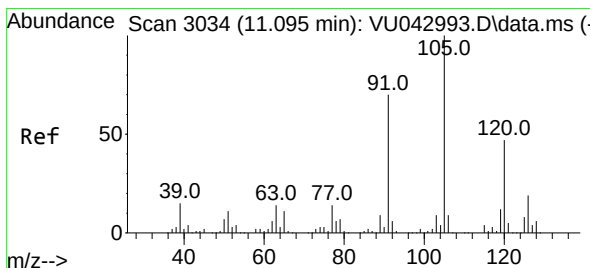
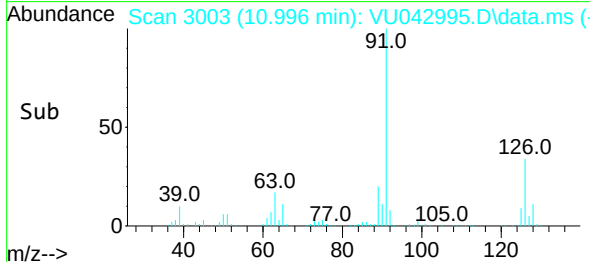
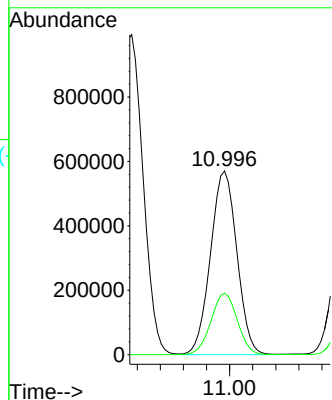
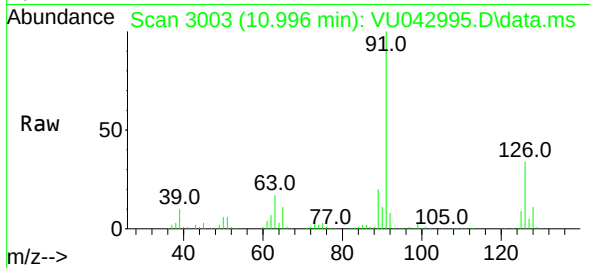
#79  
2-Chlorotoluene  
Concen: 164.06 ug/l  
RT: 10.996 min Scan# 3003  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion: 91 Resp: 906466  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.4 49.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

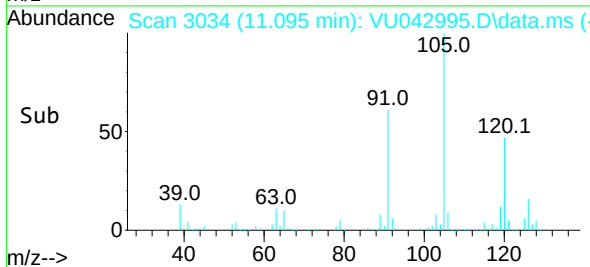
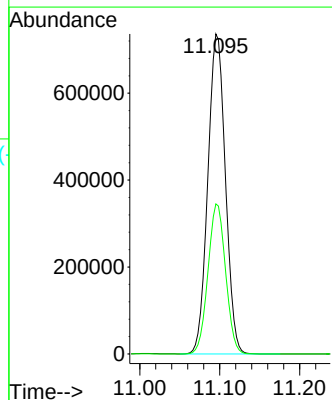
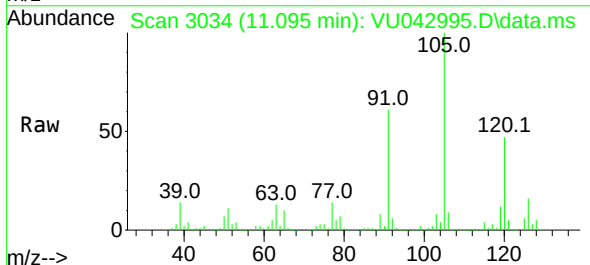
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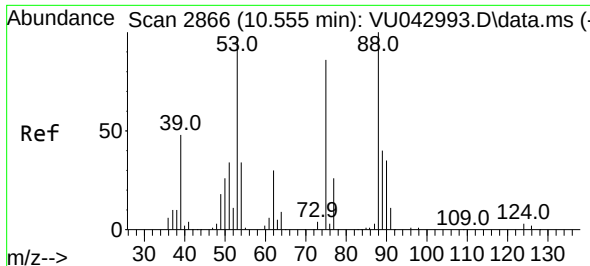
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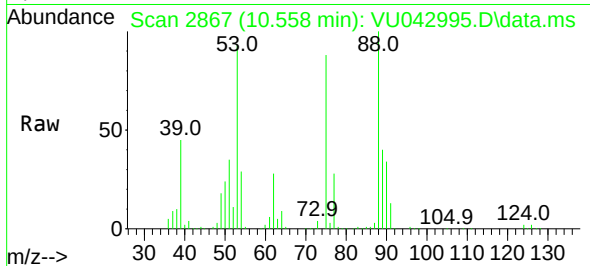
#80  
1,3,5-Trimethylbenzene  
Concen: 167.05 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion:105 Resp: 1125271  
Ion Ratio Lower Upper  
105 100  
120 46.9 23.4 70.2

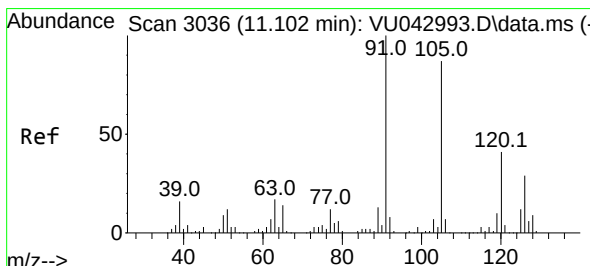
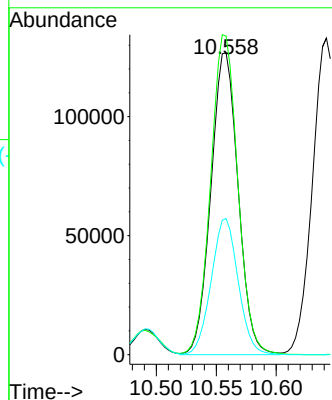
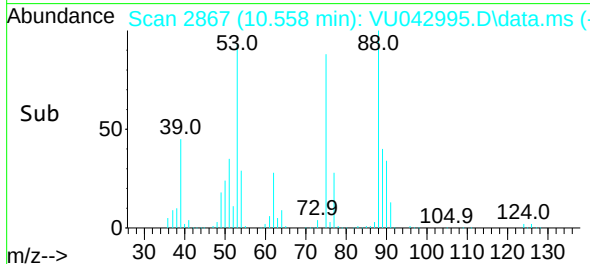




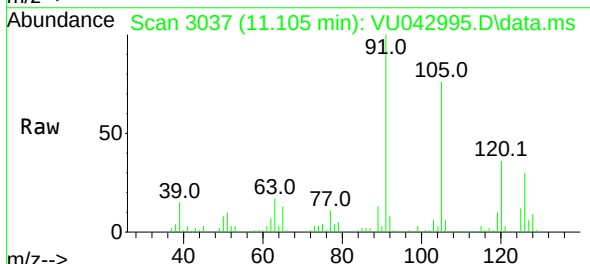
#81  
trans-1,4-Dichloro-2-butene  
Concen: 187.08 ug/l  
RT: 10.558 min Scan# 2867  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



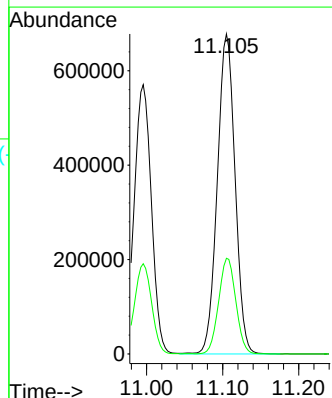
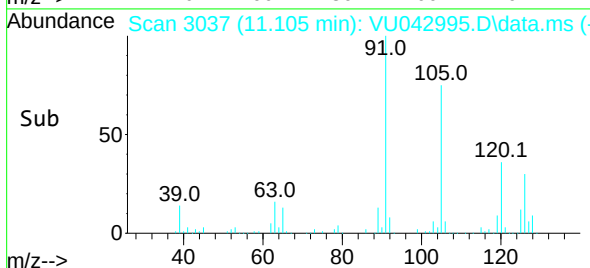
Tgt Ion: 75 Resp: 200431  
Ion Ratio Lower Upper  
75 100  
53 105.5 91.1 136.7  
89 44.6 37.1 55.7



#82  
4-Chlorotoluene  
Concen: 166.18 ug/l  
RT: 11.105 min Scan# 3037  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



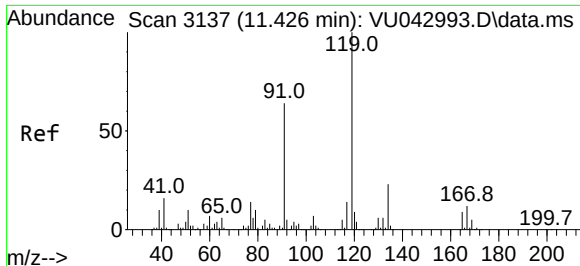
Tgt Ion: 91 Resp: 1097128  
Ion Ratio Lower Upper  
91 100  
126 29.0 14.2 42.8



Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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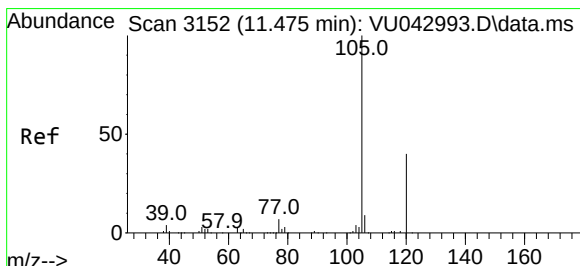
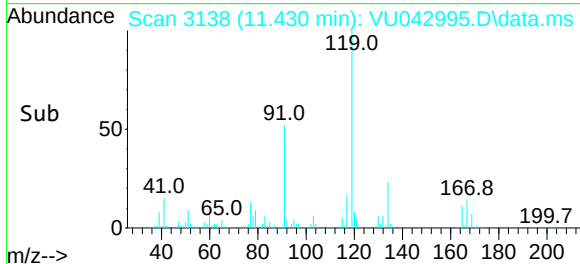
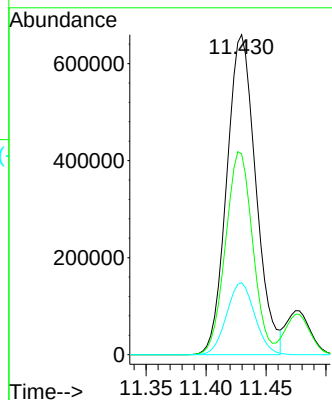
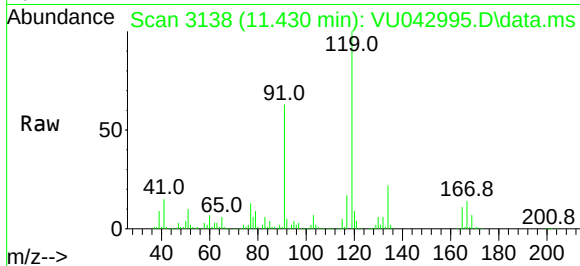
#83  
tert-Butylbenzene  
Concen: 168.41 ug/l  
RT: 11.430 min Scan# 3138  
Delta R.T. 0.003 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion:119 Resp: 1113732  
Ion Ratio Lower Upper  
119 100  
91 59.1 29.9 89.7  
134 21.8 11.1 33.1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

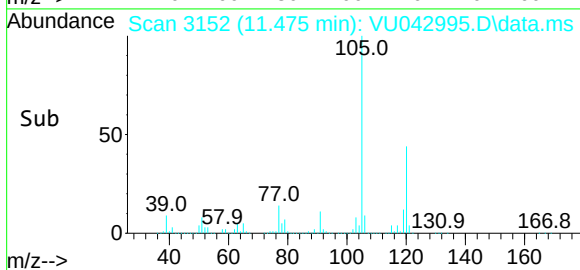
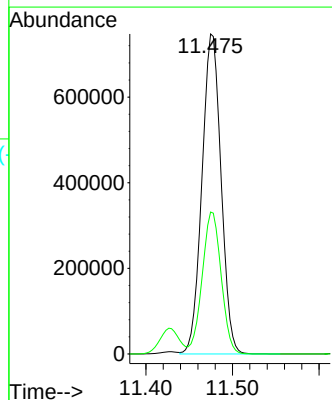
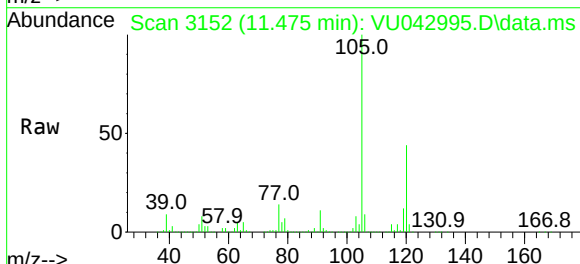
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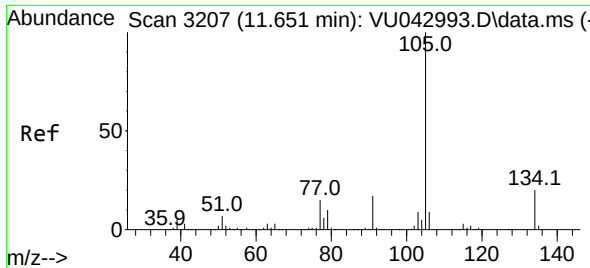
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#84  
1,2,4-Trimethylbenzene  
Concen: 168.14 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

Tgt Ion:105 Resp: 1143251  
Ion Ratio Lower Upper  
105 100  
120 44.0 21.9 65.8





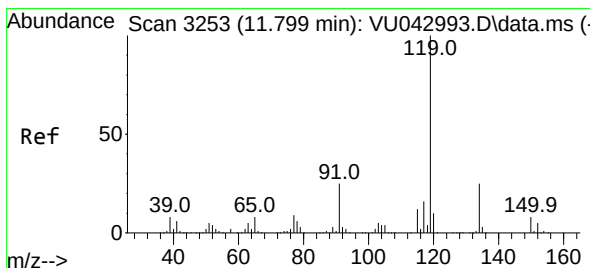
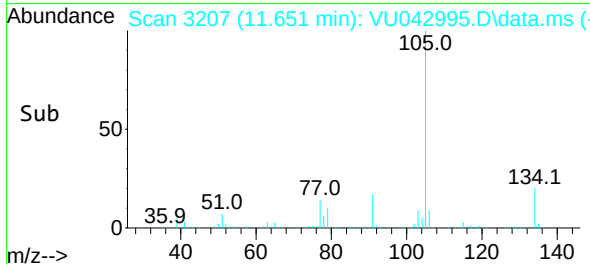
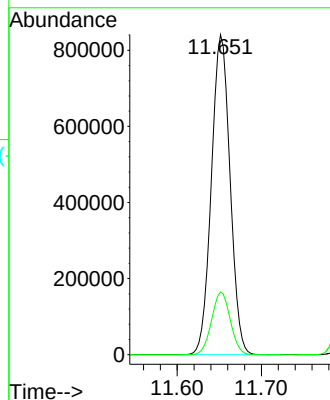
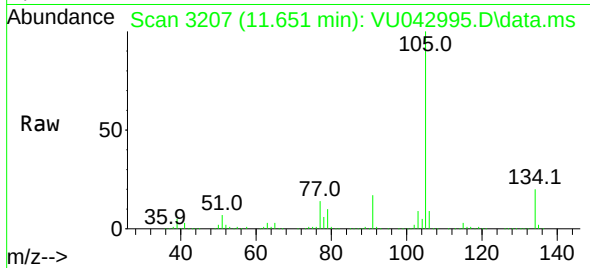
#85  
 sec-Butylbenzene  
 Concen: 169.15 ug/l  
 RT: 11.651 min Scan# 3207  
 Delta R.T. 0.000 min  
 Lab File: VU042995.D  
 Acq: 08 Apr 2021 19:08

Tgt Ion:105 Resp: 1290235  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.9 29.7

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDIC150

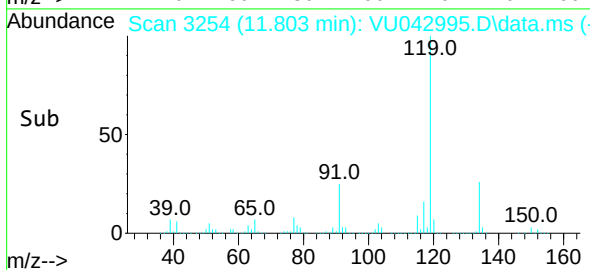
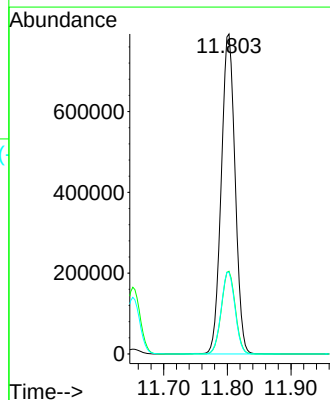
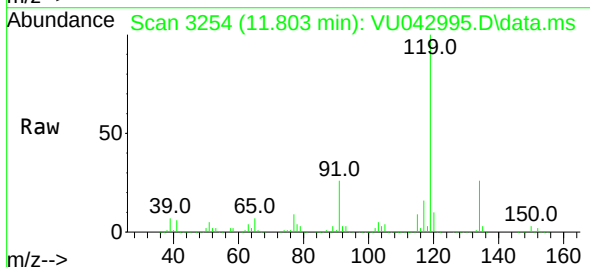
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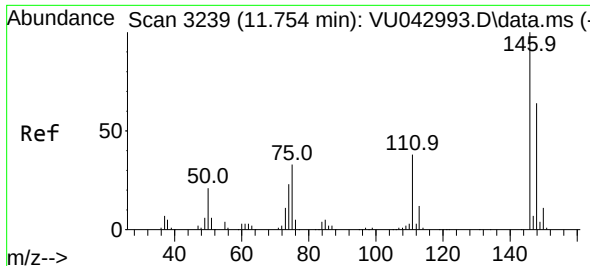
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#86  
 p-Isopropyltoluene  
 Concen: 171.40 ug/l  
 RT: 11.803 min Scan# 3254  
 Delta R.T. 0.003 min  
 Lab File: VU042995.D  
 Acq: 08 Apr 2021 19:08

Tgt Ion:119 Resp: 1195265  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.8 38.4  
 91 25.7 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 158.64 ug/l

RT: 11.754 min Scan# 3239

Delta R.T. 0.000 min

Lab File: VU042995.D

Acq: 08 Apr 2021 19:08

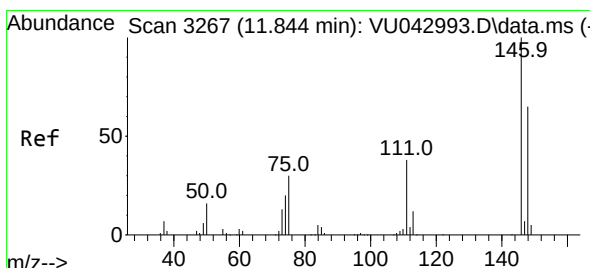
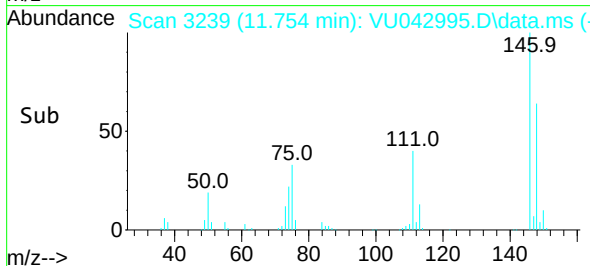
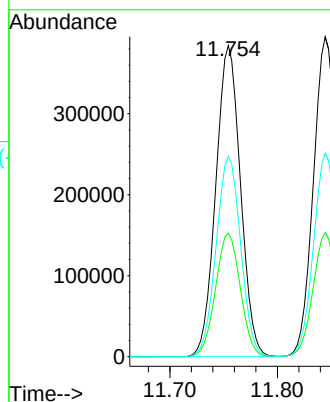
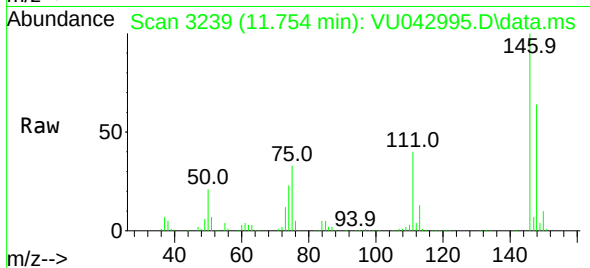
Tgt Ion:146 Resp: 611861

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.4

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 155.50 ug/l

RT: 11.844 min Scan# 3267

Delta R.T. 0.000 min

Lab File: VU042995.D

Acq: 08 Apr 2021 19:08

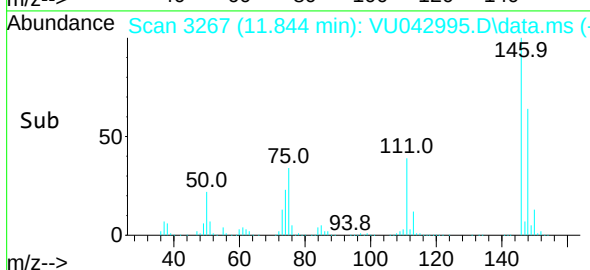
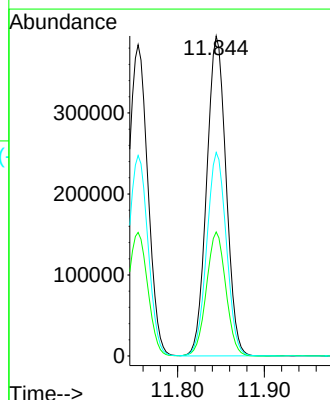
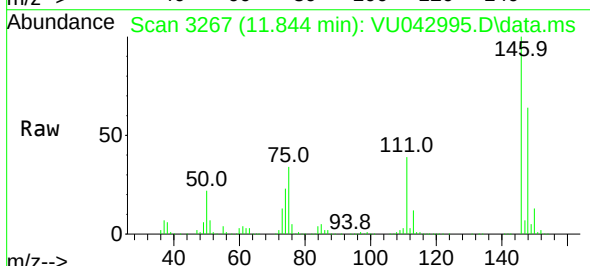
Tgt Ion:146 Resp: 614157

Ion Ratio Lower Upper

146 100

111 38.9 19.8 59.3

148 64.3 32.4 97.2



Instrument :

MSVOA\_U

ClientSampled :

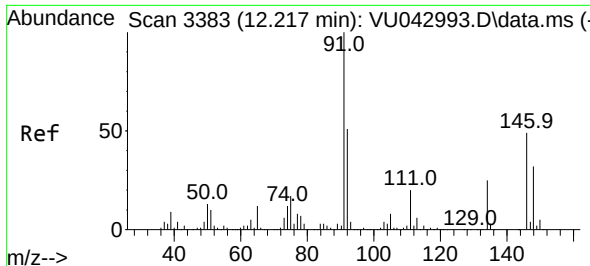
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#89  
n-Butylbenzene  
Concen: 174.02 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

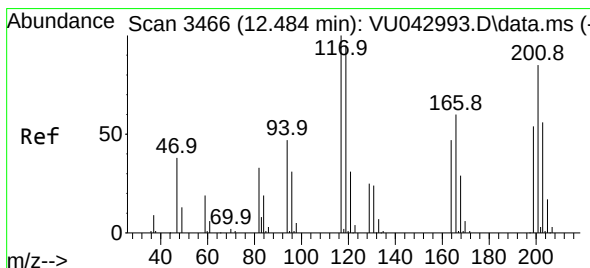
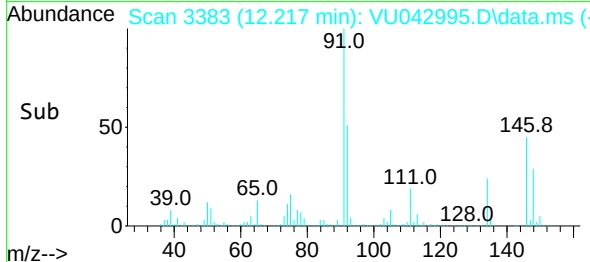
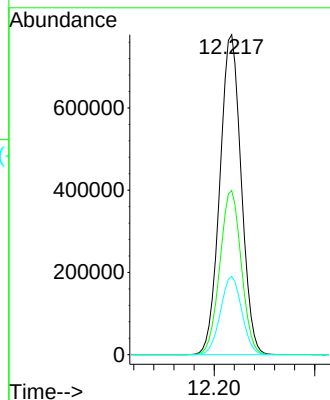
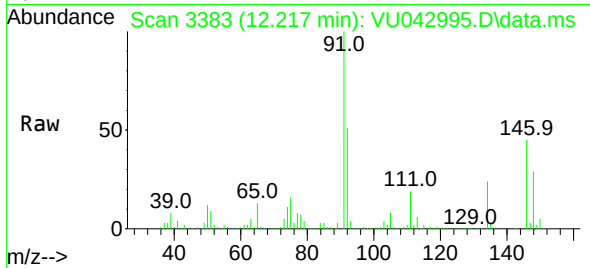
Tgt Ion: 91 Resp: 1146937

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 51.6  | 25.7  | 77.1  |
| 134 | 24.5  | 12.2  | 36.4  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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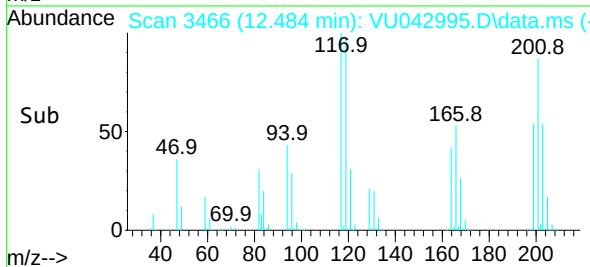
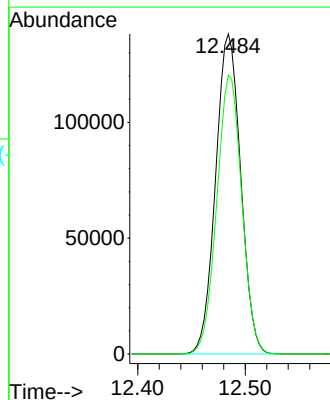
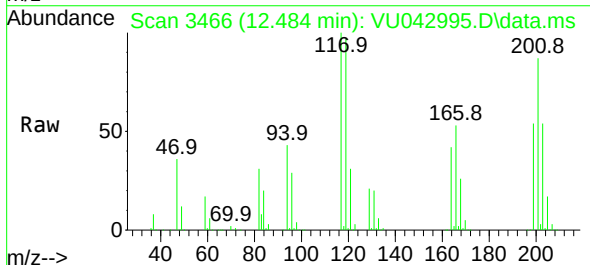
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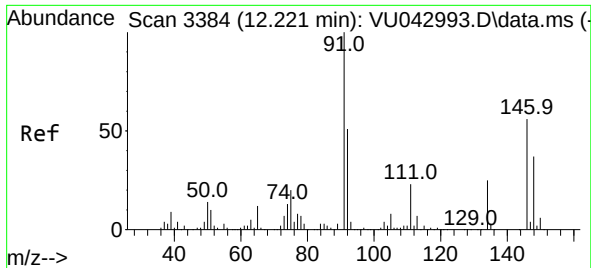


#90  
Hexachloroethane  
Concen: 168.80 ug/l  
RT: 12.484 min Scan# 3466  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08

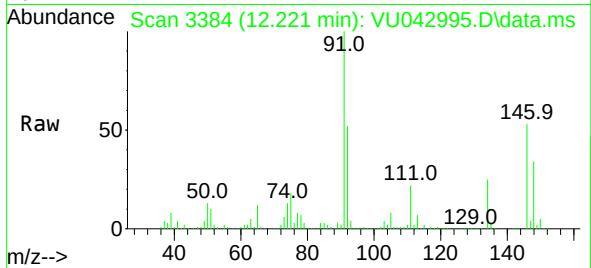
Tgt Ion: 117 Resp: 224283

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 87.0  | 42.4  | 127.1 |

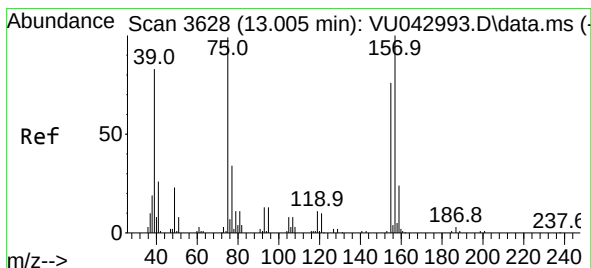
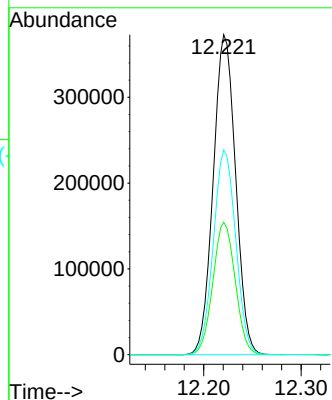
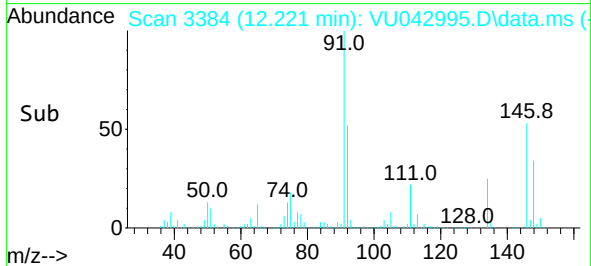




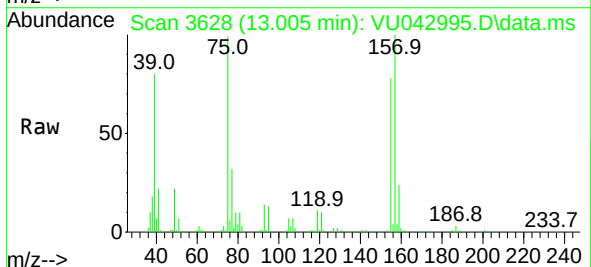
#91  
1,2-Dichlorobenzene  
Concen: 152.32 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



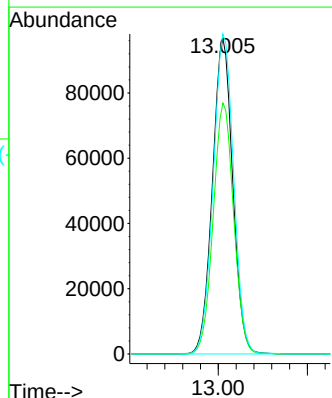
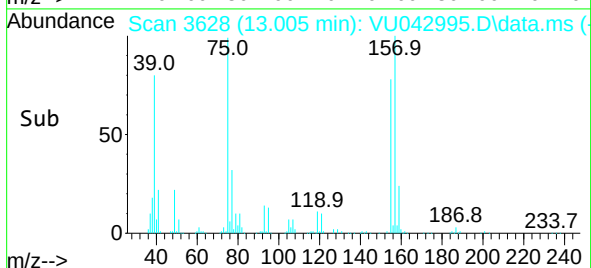
Tgt Ion:146 Resp: 596076  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.5 61.5  
148 64.1 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 178.37 ug/l  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



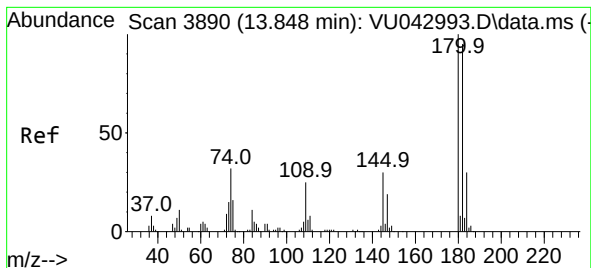
Tgt Ion: 75 Resp: 152780  
Ion Ratio Lower Upper  
75 100  
155 80.3 39.6 119.0  
157 102.5 50.5 151.6



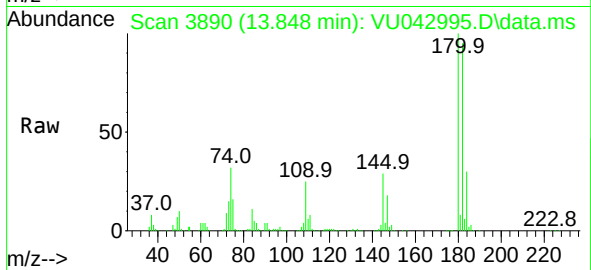
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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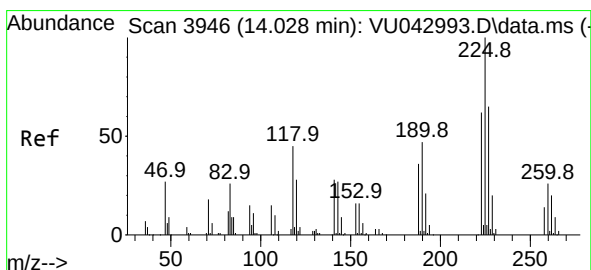
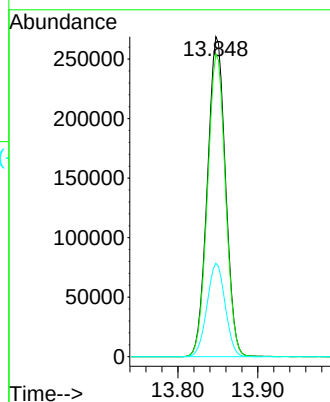
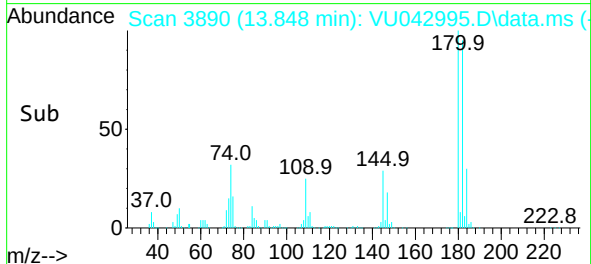
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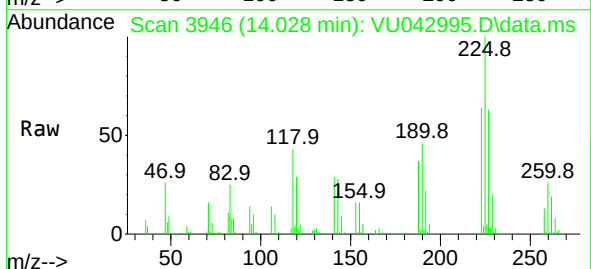
#93  
1,2,4-Trichlorobenzene  
Concen: 171.91 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



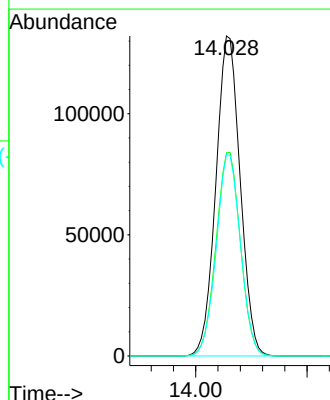
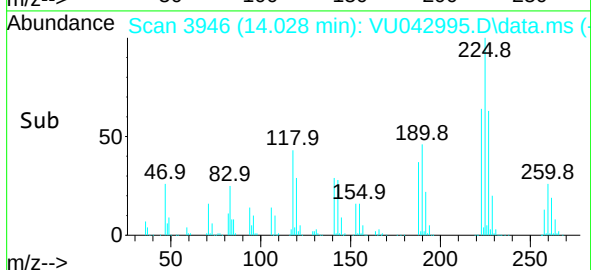
Tgt Ion:180 Resp: 423082  
Ion Ratio Lower Upper  
180 100  
182 94.3 47.8 143.3  
145 29.3 14.9 44.5



#94  
Hexachlorobutadiene  
Concen: 140.31 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



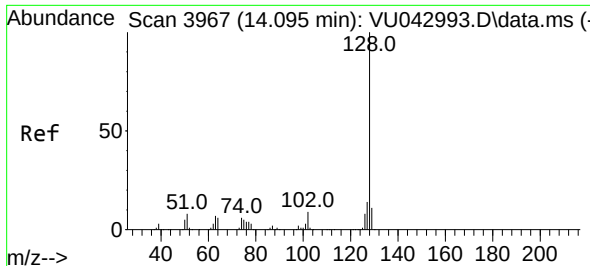
Tgt Ion:225 Resp: 199811  
Ion Ratio Lower Upper  
225 100  
223 64.1 31.9 95.5  
227 62.7 32.1 96.3



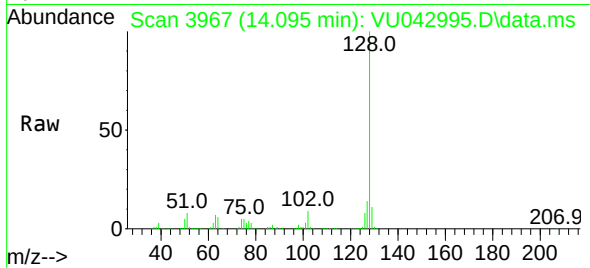
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

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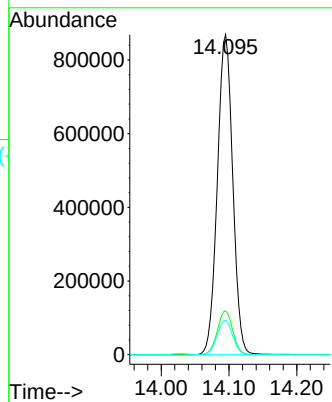
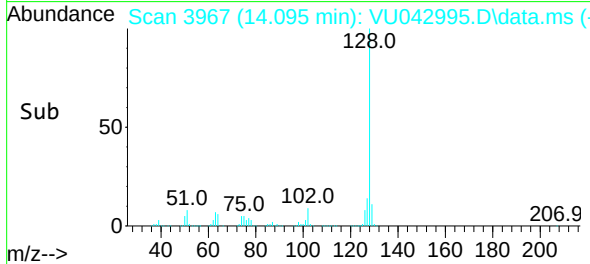


#95  
Naphthalene  
Concen: 196.51 ug/l  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



Tgt Ion:128 Resp: 1370119  

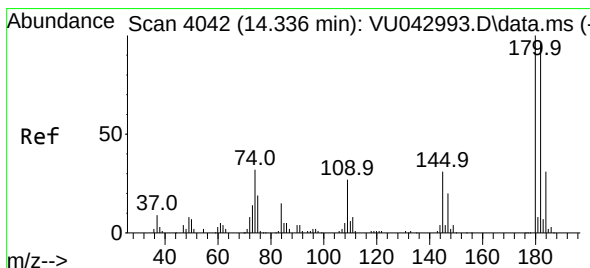
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.7  | 11.0  | 16.4  |
| 129 | 10.9  | 8.7   | 13.1  |



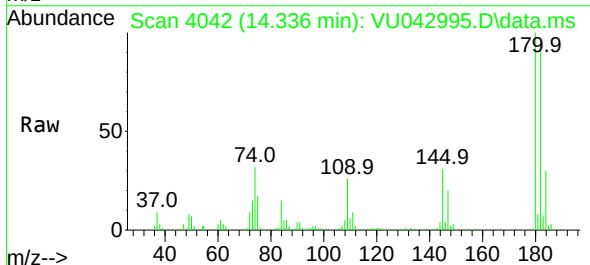
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 163.97 ug/l  
RT: 14.336 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VU042995.D  
Acq: 08 Apr 2021 19:08



Tgt Ion:180 Resp: 406497  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.4  | 47.9  | 143.8 |
| 145 | 31.0  | 15.3  | 45.8  |

