

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041221\  
 Data File : VU043013.D  
 Acq On : 12 Apr 2021 10:09  
 Operator : SY/MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

MMDadoda  
 4/13/2021 5:46:58 PM

Quant Time: Apr 12 12:08:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 12:08:00 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|------------------------------|--------|------|----------|-------|--------|----------|
| -----                        |        |      |          |       |        |          |
| Internal Standards           |        |      |          |       |        |          |
| 1) Pentafluorobenzene        | 5.382  | 168  | 113691   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.256  | 114  | 175946   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.423  | 117  | 165741   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.819 | 152  | 84549    | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds  |        |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4    | 0.000  | 65   | 0d       | 0.00  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =     | 0.00%  |          |
| 35) Dibromofluoromethane     | 0.000  | 113  | 0d       | 0.00  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =     | 0.00%  |          |
| 50) Toluene-d8               | 0.000  | 98   | 0d       | 0.00  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =     | 0.00%  |          |
| 62) 4-Bromofluorobenzene     | 0.000  | 95   | 0d       | 0.00  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =     | 0.00%  |          |
| Target Compounds             |        |      |          |       |        |          |
|                              |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 893      | 0.68  | ug/l   | 91       |
| 3) Chloromethane             | 1.523  | 50   | 1441     | 1.05  | ug/l   | 96       |
| 4) Vinyl Chloride            | 1.607  | 62   | 1079     | 0.82  | ug/l # | 53       |
| 6) Chloroethane              | 1.932  | 64   | 1243     | 1.58  | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 2.141  | 101  | 2000     | 0.97  | ug/l   | 97       |
| 8) Diethyl Ether             | 2.382  | 74   | 592      | 0.90  | ug/l   | 79       |
| 9) 1,1,2-Trichlorotrifluo... | 2.587  | 101  | 943      | 0.88  | ug/l # | 84       |
| 12) 1,1-Dichloroethene       | 2.581  | 96   | 796      | 0.76  | ug/l   | 92       |
| 14) Allyl chloride           | 2.932  | 41   | 1931     | 0.83  | ug/l # | 87       |
| 15) Acrylonitrile            | 3.324  | 53   | 3902     | 4.29  | ug/l   | 93       |
| 16) Acetone                  | 2.632  | 43   | 5508     | 5.08  | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.800  | 76   | 2420     | 0.77  | ug/l # | 94       |
| 18) Methyl Acetate           | 2.957  | 43   | 2104     | 1.05  | ug/l # | 91       |
| 19) Methyl tert-butyl Ether  | 3.375  | 73   | 3431     | 0.86  | ug/l # | 89       |
| 20) Methylene Chloride       | 3.050  | 84   | 1318     | 1.06  | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 3.362  | 96   | 964      | 0.85  | ug/l   | 81       |
| 22) Diisopropyl ether        | 4.002  | 45   | 3636     | 0.81  | ug/l # | 94       |
| 23) Vinyl Acetate            | 3.967  | 43   | 17629    | 4.14  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.877  | 63   | 2211     | 0.96  | ug/l # | 84       |
| 25) 2-Butanone               | 4.716  | 43   | 6671     | 4.55  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.674  | 77   | 1918     | 0.92  | ug/l   | 78       |
| 27) cis-1,2-Dichloroethene   | 4.684  | 96   | 1090     | 0.83  | ug/l   | 87       |
| 28) Bromochloromethane       | 4.983  | 49   | 1122     | 0.96  | ug/l # | 87       |
| 29) Tetrahydrofuran          | 5.063  | 42   | 4335     | 4.74  | ug/l   | 99       |
| 30) Chloroform               | 5.092  | 83   | 2005     | 0.85  | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.324  | 97   | 1832     | 0.86  | ug/l # | 51       |
| 36) 1,1-Dichloropropene      | 5.539  | 75   | 1314     | 0.74  | ug/l # | 91       |
| 37) Ethyl Acetate            | 4.812  | 43   | 2993     | 1.08  | ug/l # | 78       |
| 38) Carbon Tetrachloride     | 5.536  | 117  | 1537     | 0.82  | ug/l   | 93       |
| 39) Methylcyclohexane        | 6.771  | 83   | 1422     | 0.70  | ug/l   | 95       |
| 40) Benzene                  | 5.780  | 78   | 4423     | 0.89  | ug/l   | 99       |
| 41) Methacrylonitrile        | 4.986  | 41   | 1204m    | 0.84  | ug/l   |          |
| 42) 1,2-Dichloroethane       | 5.809  | 62   | 1954     | 0.90  | ug/l # | 79       |
| 43) Isopropyl Acetate        | 5.922  | 43   | 3526     | 0.86  | ug/l # | 88       |
| 44) Trichloroethene          | 6.549  | 130  | 1088     | 0.83  | ug/l   | 81       |
| 45) 1,2-Dichloropropane      | 6.806  | 63   | 1197     | 0.87  | ug/l   | 93       |

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 Sample : VSTDIC001  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

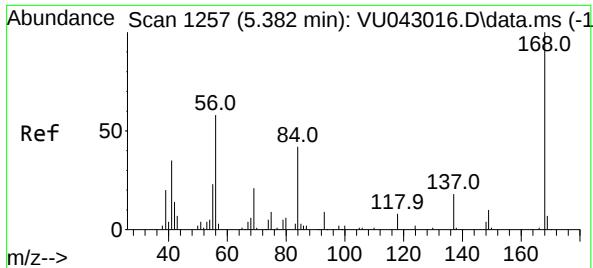
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 4/13/2021 5:46:58 PM

Quant Time: Apr 12 12:08:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 12:08:00 2021  
 Response via : Initial Calibration

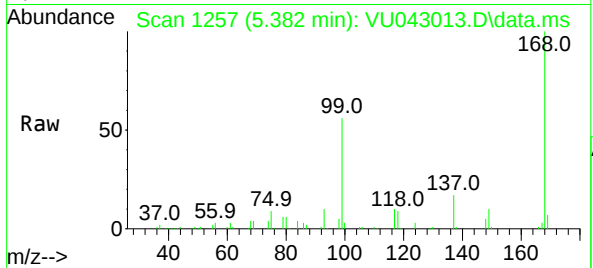
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 46) Dibromomethane            | 6.928  | 93   | 872      | 0.91  | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.115  | 83   | 1650     | 0.87  | ug/l # | 92       |
| 48) Methyl methacrylate       | 6.964  | 41   | 1696     | 0.84  | ug/l   | 85       |
| 49) 1,4-Dioxane               | 6.983  | 88   | 777      | 19.75 | ug/l # | 51       |
| 51) 4-Methyl-2-Pentanone      | 7.800  | 43   | 11466    | 4.08  | ug/l   | 98       |
| 52) Toluene                   | 7.976  | 92   | 2248     | 0.73  | ug/l   | 80       |
| 53) t-1,3-Dichloropropene     | 8.217  | 75   | 1600     | 0.77  | ug/l # | 83       |
| 54) cis-1,3-Dichloropropene   | 7.616  | 75   | 1746     | 0.79  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 8.404  | 97   | 1092     | 0.85  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 8.343  | 69   | 1501     | 0.69  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 8.584  | 76   | 1828     | 0.82  | ug/l # | 87       |
| 58) 2-Chloroethyl Vinyl ether | 7.472  | 63   | 2449     | 3.29  | ug/l   | 98       |
| 59) 2-Hexanone                | 8.693  | 43   | 8663     | 3.83  | ug/l   | 94       |
| 60) Dibromochloromethane      | 8.819  | 129  | 1199     | 0.80  | ug/l   | 90       |
| 61) 1,2-Dibromoethane         | 8.931  | 107  | 1173     | 0.80  | ug/l   | 92       |
| 64) Tetrachloroethene         | 8.565  | 164  | 955      | 0.77  | ug/l   | 95       |
| 65) Chlorobenzene             | 9.452  | 112  | 2696     | 0.81  | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 1023     | 0.80  | ug/l # | 65       |
| 67) Ethyl Benzene             | 9.574  | 91   | 4818     | 0.80  | ug/l   | 96       |
| 68) m/p-Xylenes               | 9.703  | 106  | 3472     | 1.55  | ug/l   | 92       |
| 69) o-Xylene                  | 10.105 | 106  | 1745     | 0.80  | ug/l   | 85       |
| 70) Styrene                   | 10.121 | 104  | 2358     | 0.64  | ug/l   | 96       |
| 71) Bromoform                 | 10.295 | 173  | 868      | 0.70  | ug/l # | 91       |
| 73) Isopropylbenzene          | 10.491 | 105  | 4475     | 0.79  | ug/l   | 90       |
| 74) N-amyl acetate            | 10.330 | 43   | 2406     | 0.74  | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 10.793 | 83   | 1930     | 0.88  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 10.828 | 75   | 1936m    | 0.90  | ug/l   |          |
| 77) Bromobenzene              | 10.790 | 156  | 1318     | 0.87  | ug/l   | 94       |
| 78) n-propylbenzene           | 10.912 | 91   | 4541     | 0.69  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.992 | 91   | 3024     | 0.75  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 3442     | 0.70  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.102 | 91   | 3570     | 0.76  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.430 | 119  | 3706     | 0.79  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 3418     | 0.70  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.651 | 105  | 3813     | 0.69  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 11.799 | 119  | 3606     | 0.70  | ug/l   | 90       |
| 87) 1,3-Dichlorobenzene       | 11.754 | 146  | 2369     | 0.90  | ug/l   | 91       |
| 88) 1,4-Dichlorobenzene       | 11.844 | 146  | 2652m    | 0.98  | ug/l   |          |
| 89) n-Butylbenzene            | 12.217 | 91   | 3070     | 0.67  | ug/l   | 92       |
| 90) Hexachloroethane          | 12.484 | 117  | 778      | 0.86  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.221 | 146  | 2274     | 0.85  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.015 | 75   | 537      | 0.89  | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 13.851 | 180  | 1221     | 0.74  | ug/l   | 94       |
| 94) Hexachlorobutadiene       | 14.031 | 225  | 863      | 0.93  | ug/l   | 93       |
| 95) Naphthalene               | 14.102 | 128  | 2500     | 0.53  | ug/l # | 96       |
| 96) 1,2,3-Trichlorobenzene    | 14.346 | 180  | 1116     | 0.69  | ug/l   | 94       |

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

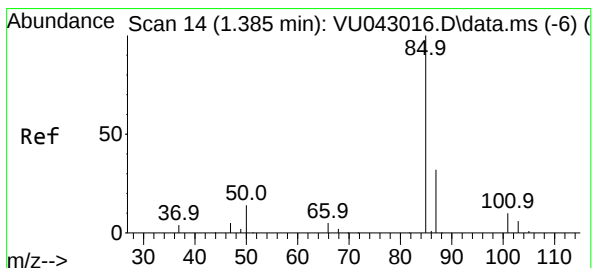
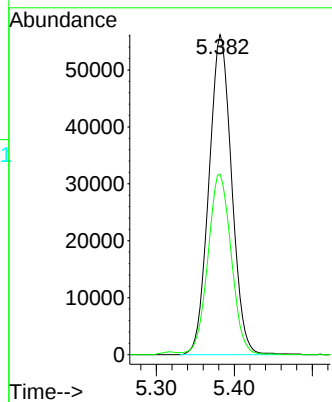
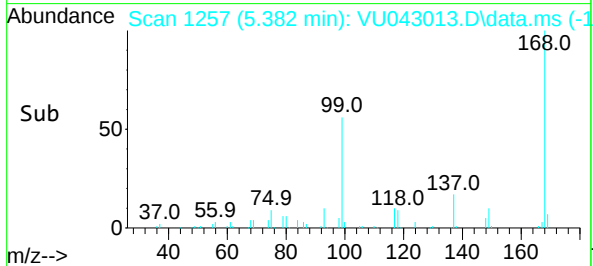




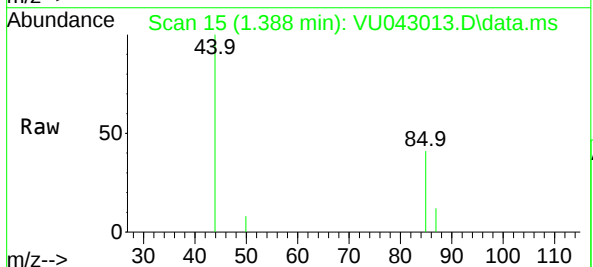
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



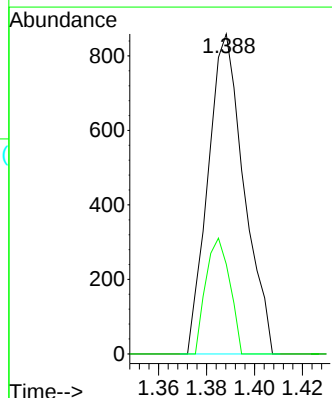
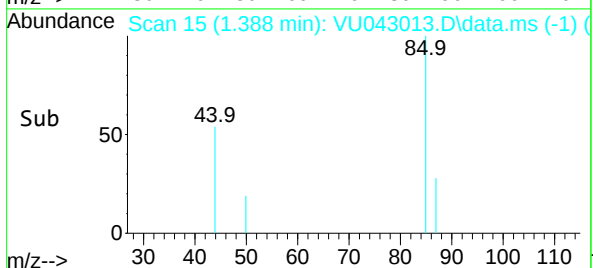
Tgt Ion: 168 Resp: 113691  
Ion Ratio Lower Upper  
168 100  
99 56.4 45.0 67.4



#2  
Dichlorodifluoromethane  
Concen: 0.68 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



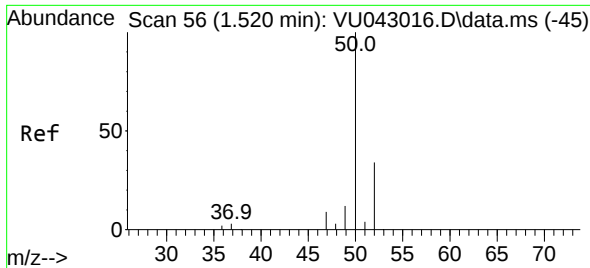
Tgt Ion: 85 Resp: 893  
Ion Ratio Lower Upper  
85 100  
87 28.1 16.5 49.5



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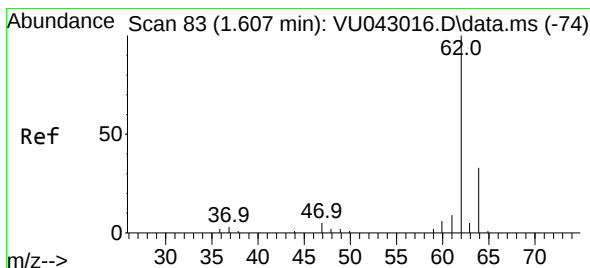
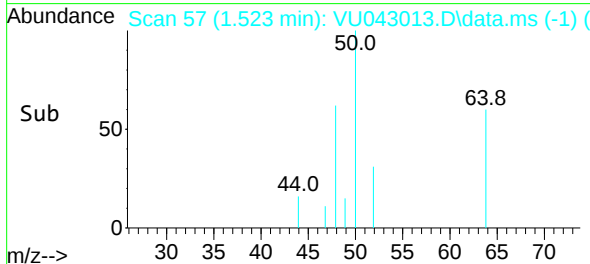
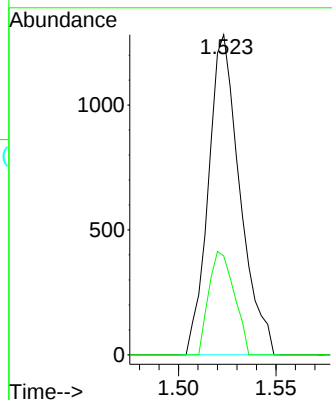
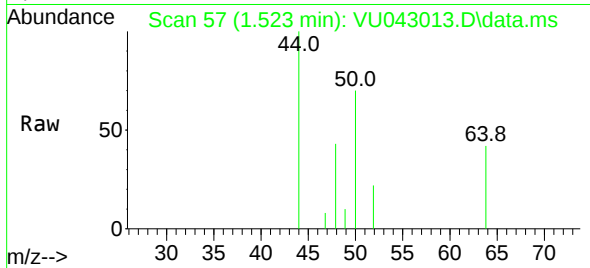
#3  
Chloromethane  
Concen: 1.05 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 50 Resp: 1441  
Ion Ratio Lower Upper  
50 100  
52 30.9 26.6 40.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

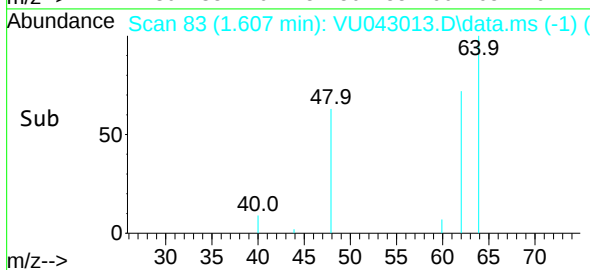
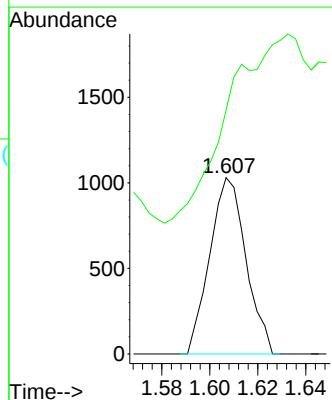
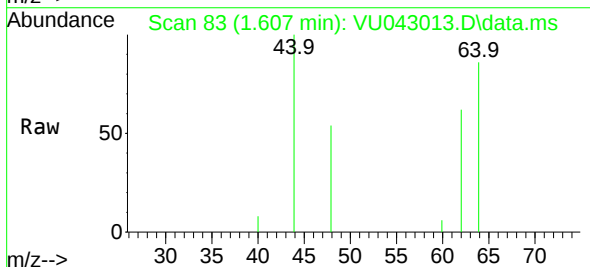
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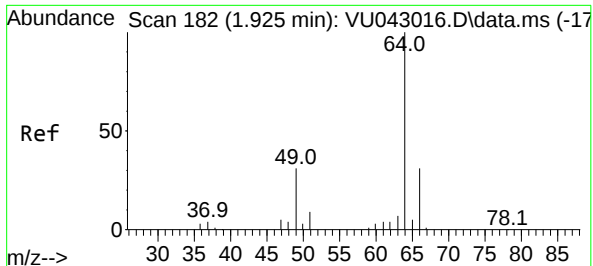
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4/13/2021 5:46:58 PM



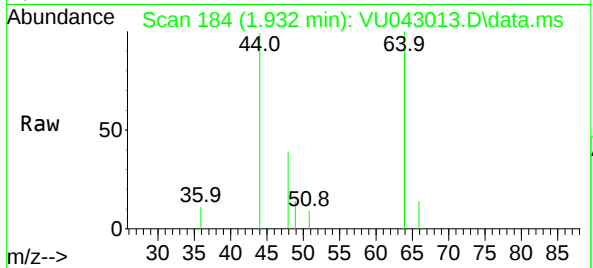
#4  
Vinyl Chloride  
Concen: 0.82 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 62 Resp: 1079  
Ion Ratio Lower Upper  
62 100  
64 57.3 25.2 37.8#

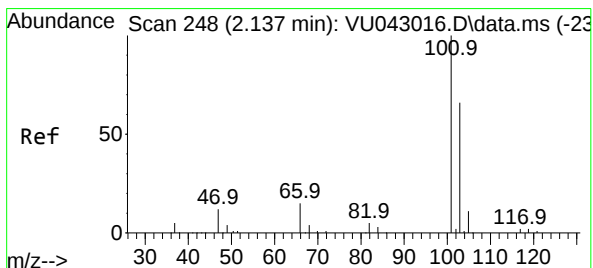
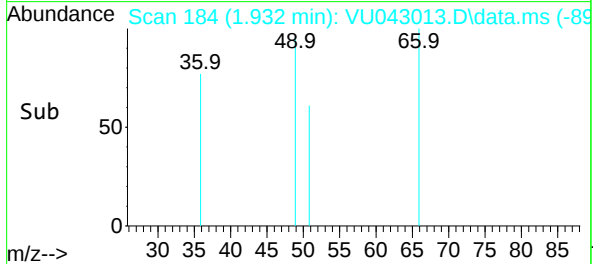
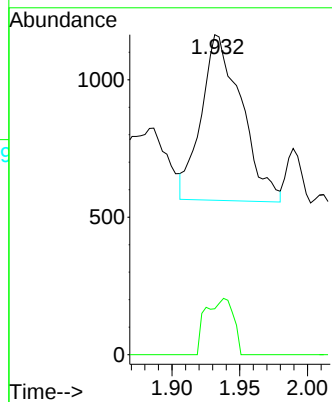




#6  
Chloroethane  
Concen: 1.58 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. 0.006 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

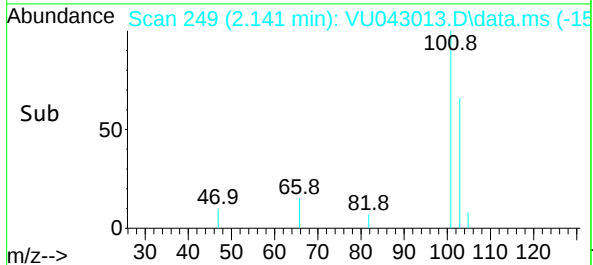
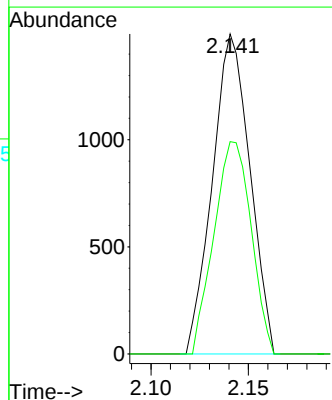
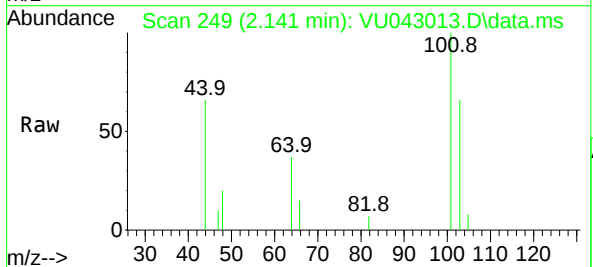


Tgt Ion: 64 Resp: 1243  
Ion Ratio Lower Upper  
64 100  
66 29.3 26.4 39.6



#7  
Trichlorofluoromethane  
Concen: 0.97 ug/l  
RT: 2.141 min Scan# 249  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

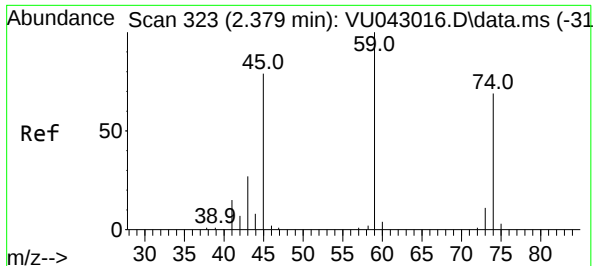
Tgt Ion: 101 Resp: 2000  
Ion Ratio Lower Upper  
101 100  
103 66.3 51.3 76.9



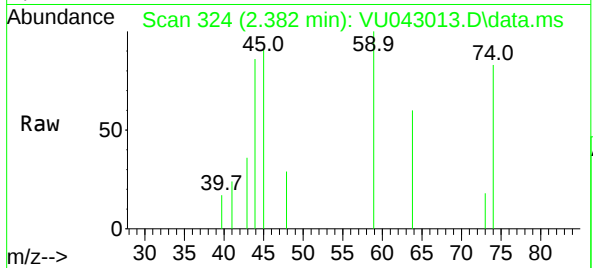
Instrument :  
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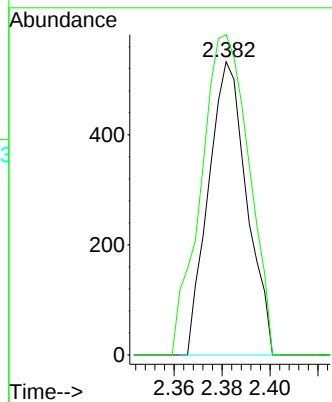
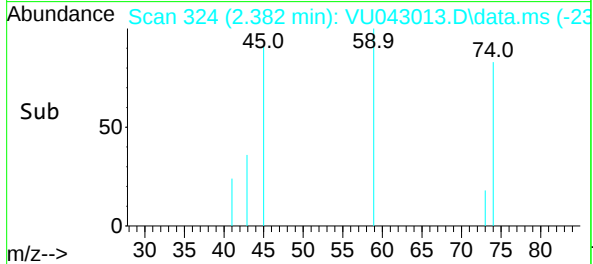
MMDadoda  
4/13/2021 5:46:58 PM



#8  
Diethyl Ether  
Concen: 0.90 ug/l  
RT: 2.382 min Scan# 324  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



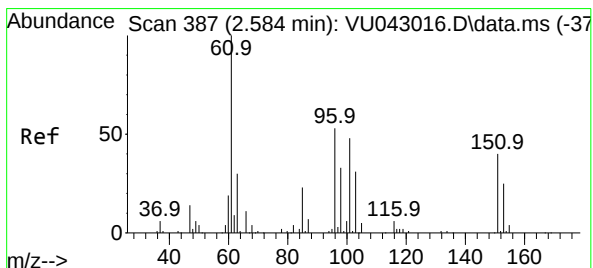
Tgt Ion: 74 Resp: 592  
Ion Ratio Lower Upper  
74 100  
45 136.8 56.9 170.6



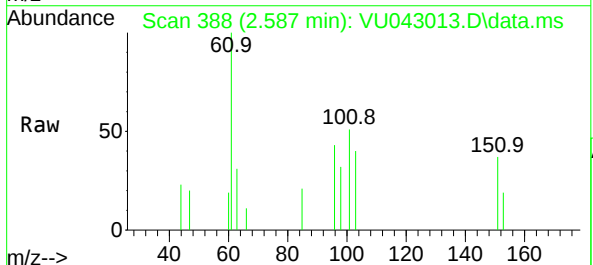
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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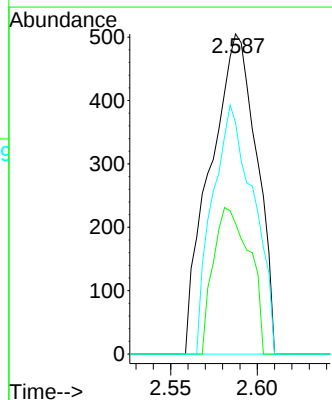
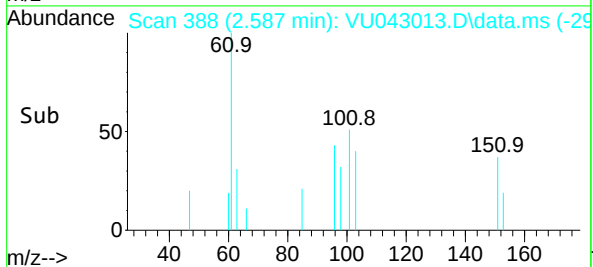
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4/13/2021 5:46:58 PM

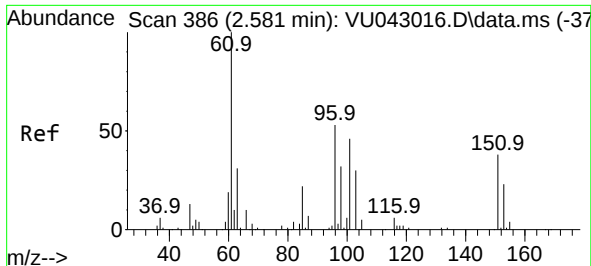


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.88 ug/l  
RT: 2.587 min Scan# 388  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

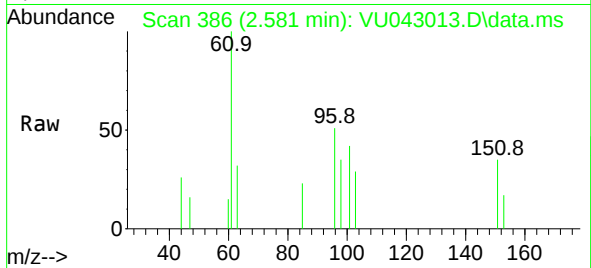


Tgt Ion: 101 Resp: 943  
Ion Ratio Lower Upper  
101 100  
85 35.6 37.4 56.0#  
151 68.6 65.8 98.8

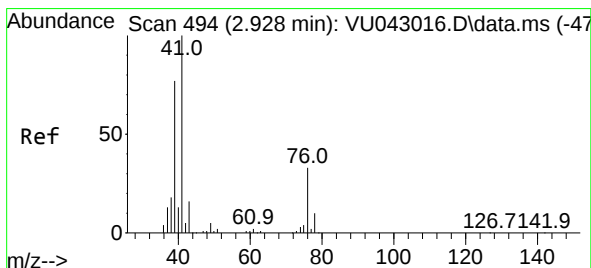
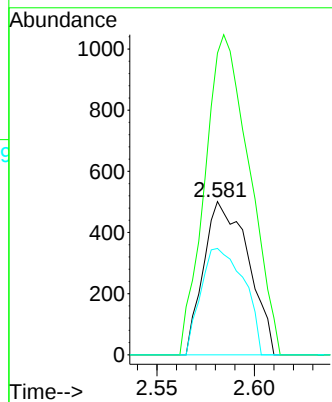
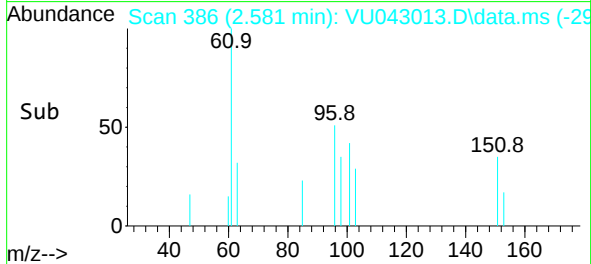




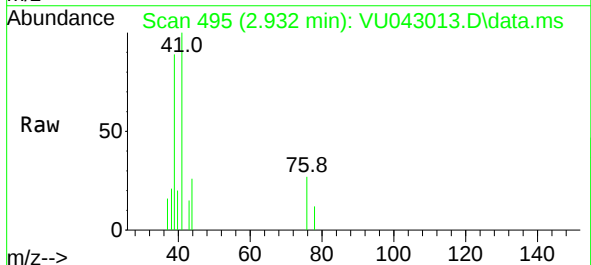
#12  
1,1-Dichloroethene  
Concen: 0.76 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



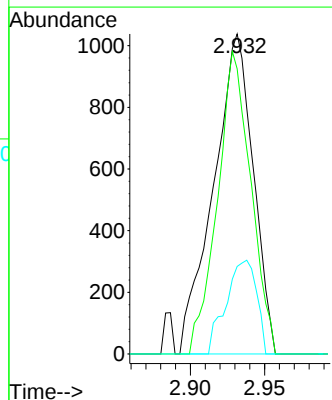
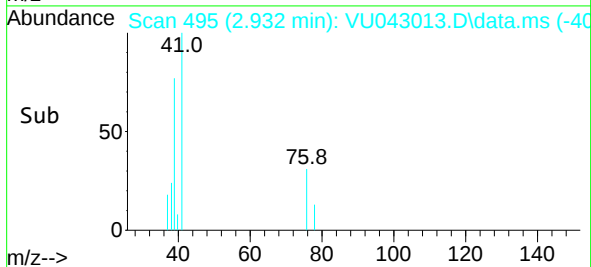
Tgt Ion: 96 Resp: 796  
Ion Ratio Lower Upper  
96 100  
61 197.0 147.4 221.0  
98 69.5 51.4 77.2



#14  
Allyl chloride  
Concen: 0.83 ug/l  
RT: 2.932 min Scan# 495  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



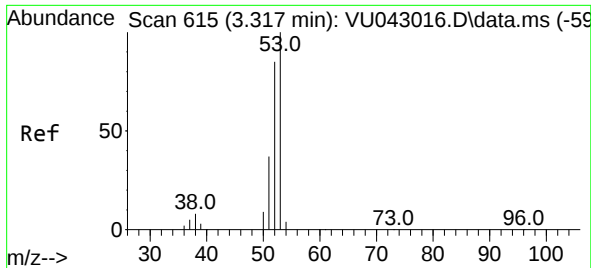
Tgt Ion: 41 Resp: 1931  
Ion Ratio Lower Upper  
41 100  
39 79.4 54.9 82.3  
76 22.5 22.5 33.7#



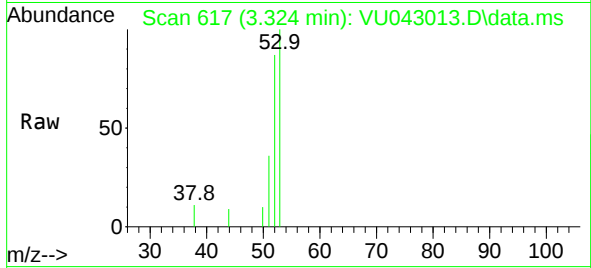
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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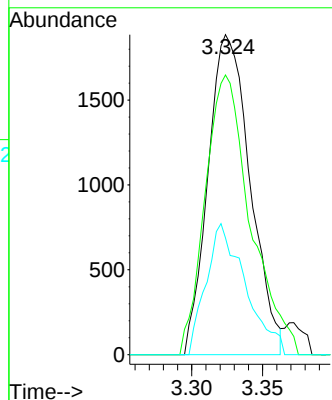


#15  
Acrylonitrile  
Concen: 4.29 ug/l  
RT: 3.324 min Scan# 617  
Delta R.T. 0.006 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



Tgt Ion: 53 Resp: 3902

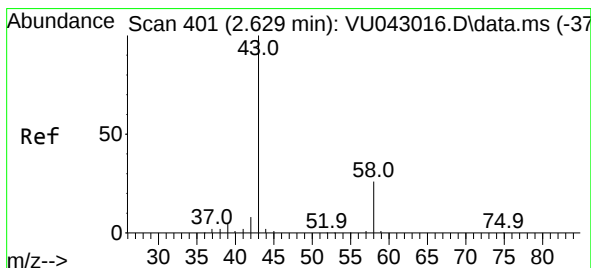
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 93.5  | 68.2  | 102.2 |
| 51  | 38.2  | 29.2  | 43.8  |



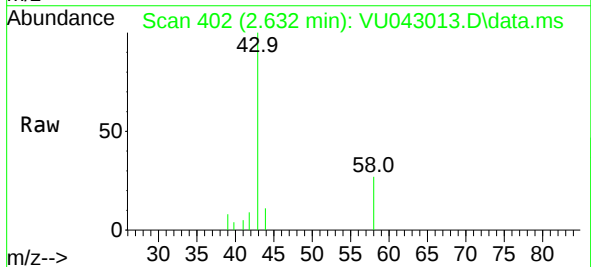
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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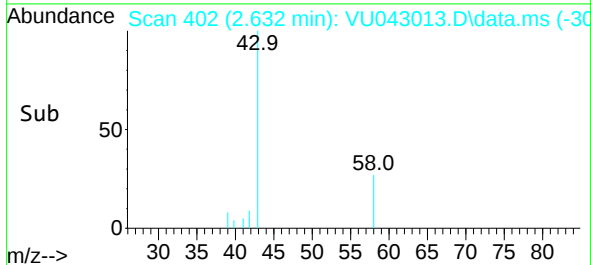
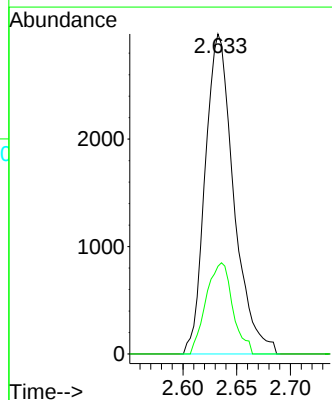


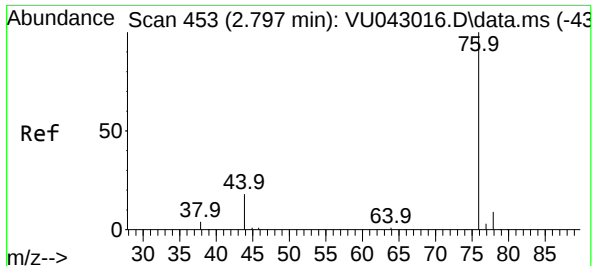
#16  
Acetone  
Concen: 5.08 ug/l  
RT: 2.632 min Scan# 402  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



Tgt Ion: 43 Resp: 5508

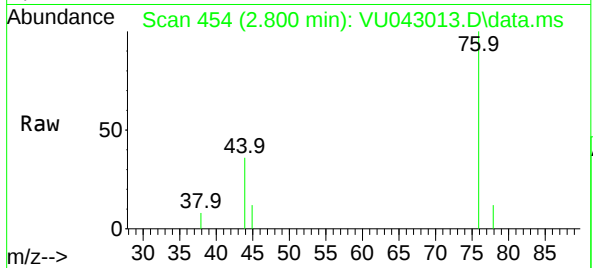
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 27.4  | 21.5  | 32.3  |





#17  
Carbon Disulfide  
Concen: 0.77 ug/l  
RT: 2.800 min Scan# 454  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

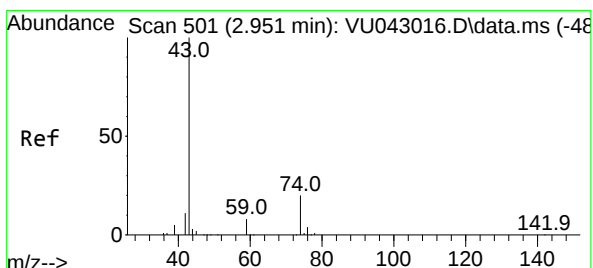
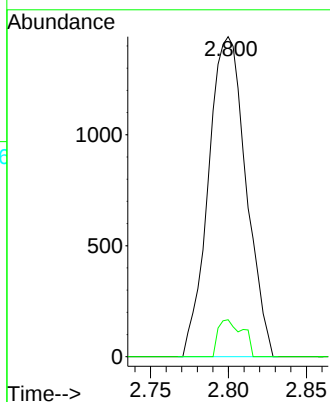
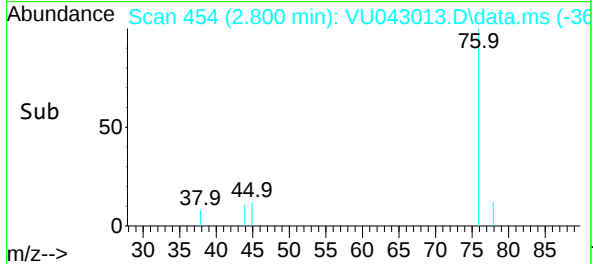
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001



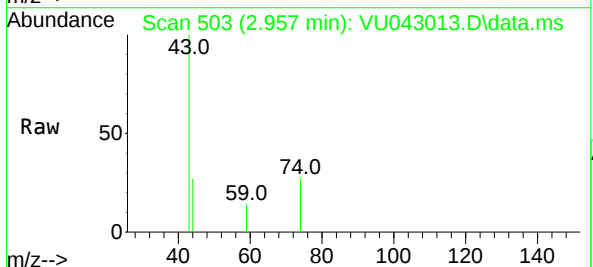
Tgt Ion: 76 Resp: 2420  
Ion Ratio Lower Upper  
76 100  
78 11.6 7.5 11.3#

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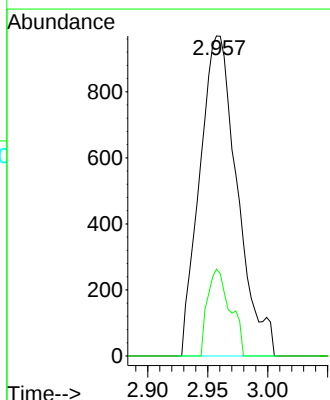
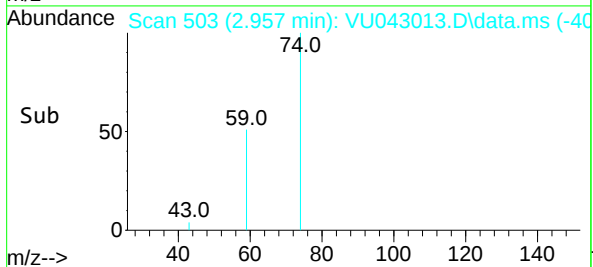
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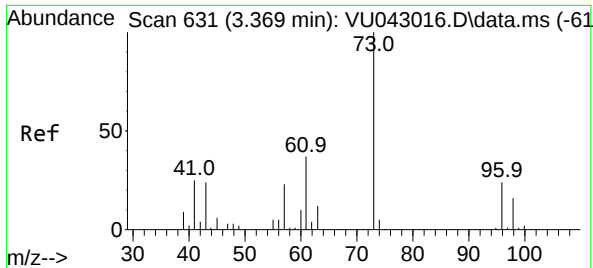


#18  
Methyl Acetate  
Concen: 1.05 ug/l  
RT: 2.957 min Scan# 503  
Delta R.T. 0.006 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



Tgt Ion: 43 Resp: 2104  
Ion Ratio Lower Upper  
43 100  
74 16.4 16.6 25.0#





#19

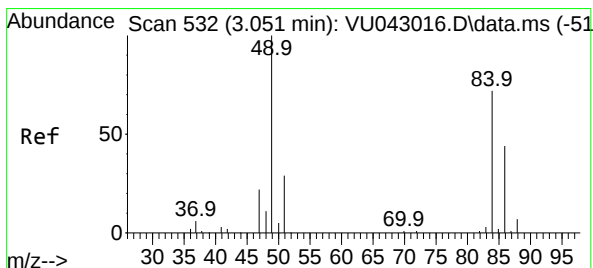
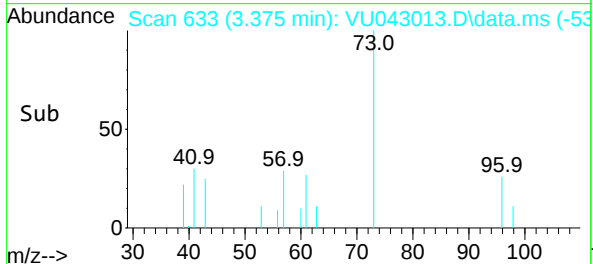
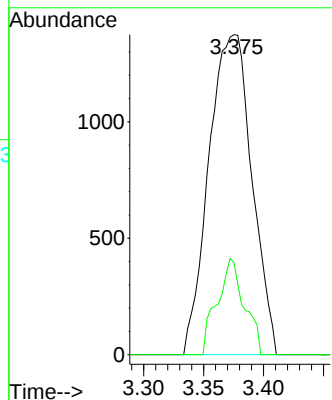
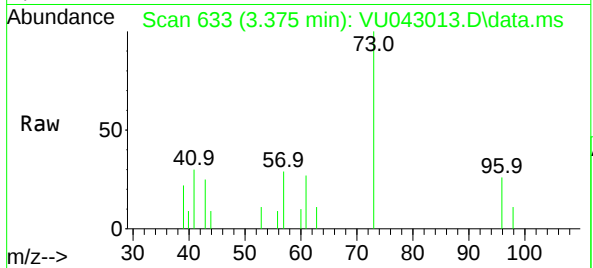
Methyl tert-butyl Ether  
Concen: 0.86 ug/l  
RT: 3.375 min Scan# 633  
Delta R.T. 0.006 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 73 Resp: 3431  
Ion Ratio Lower Upper  
73 100  
57 28.7 18.8 28.2#

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Manual Integrations  
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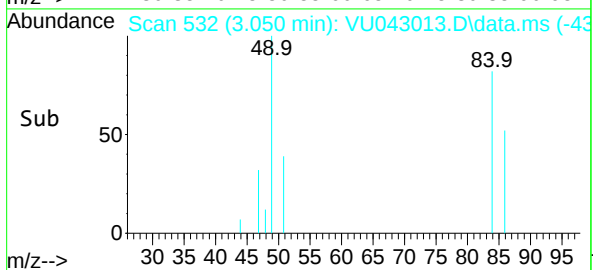
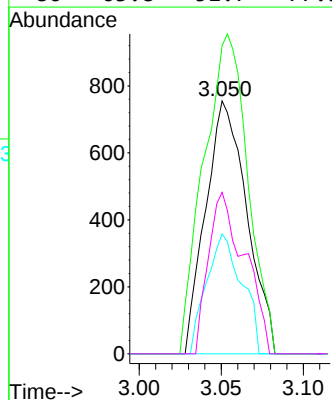
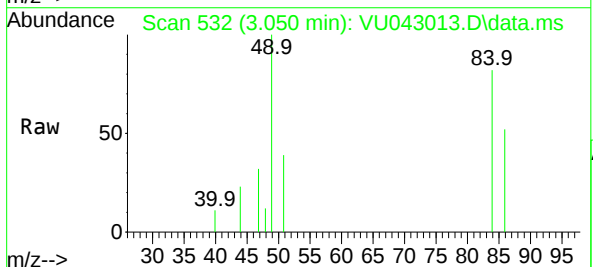
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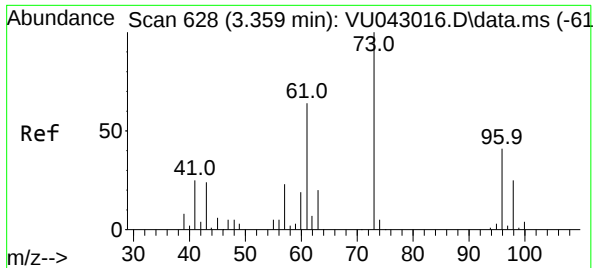


#20

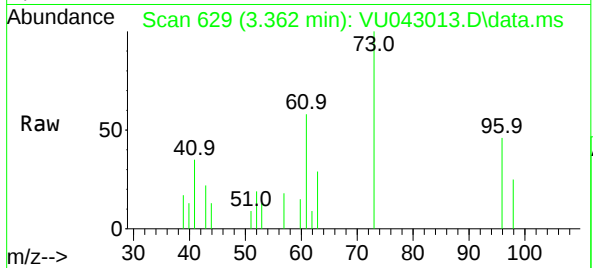
Methylene Chloride  
Concen: 1.06 ug/l  
RT: 3.050 min Scan# 532  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 84 Resp: 1318  
Ion Ratio Lower Upper  
84 100  
49 121.9 112.6 169.0  
51 47.4 33.7 50.5  
86 63.8 51.7 77.5

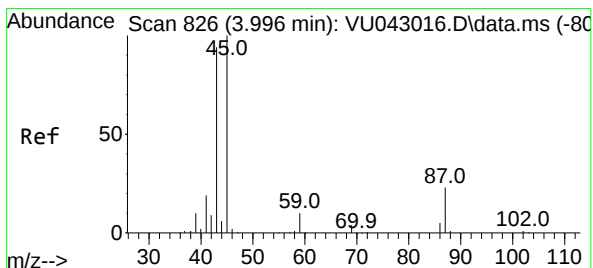
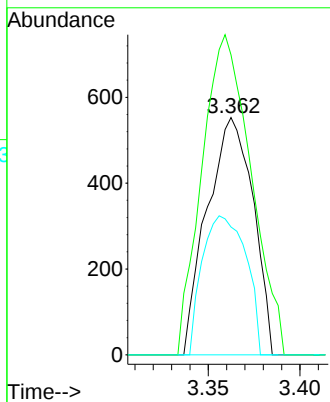
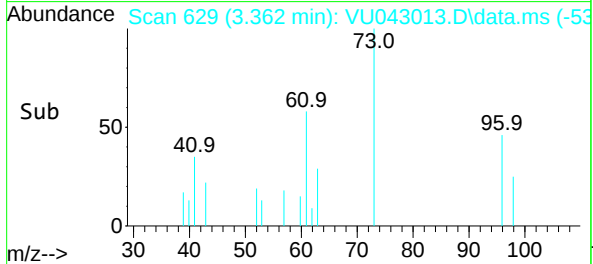




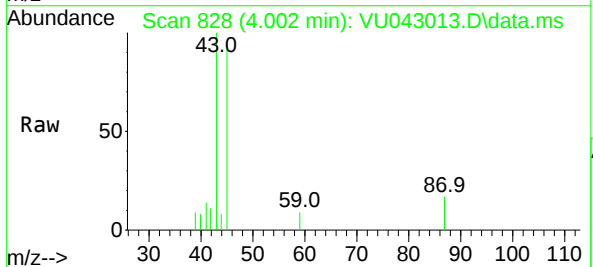
#21  
trans-1,2-Dichloroethene  
Concen: 0.85 ug/l  
RT: 3.362 min Scan# 629  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



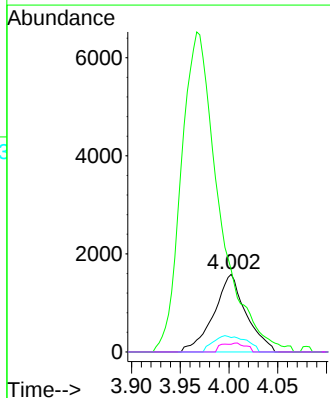
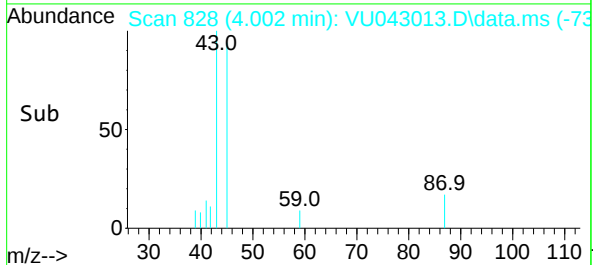
Tgt Ion: 96 Resp: 964  
Ion Ratio Lower Upper  
96 100  
61 126.4 122.4 183.6  
98 53.9 51.9 77.9



#22  
Diisopropyl ether  
Concen: 0.81 ug/l  
RT: 4.002 min Scan# 828  
Delta R.T. 0.006 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



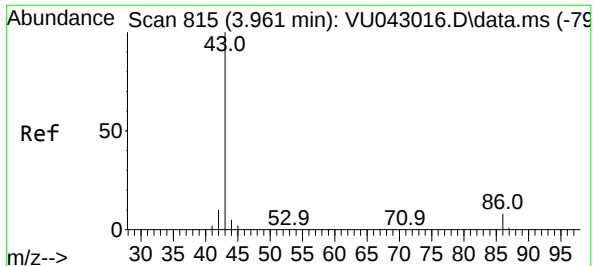
Tgt Ion: 45 Resp: 3636  
Ion Ratio Lower Upper  
45 100  
43 96.0 73.0 109.6  
87 18.5 19.5 29.3#  
59 9.9 8.6 12.8



Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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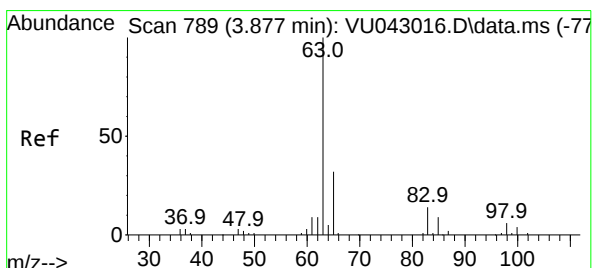
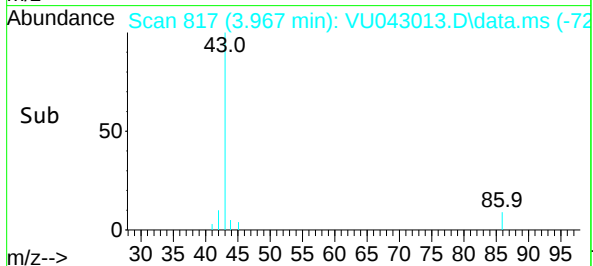
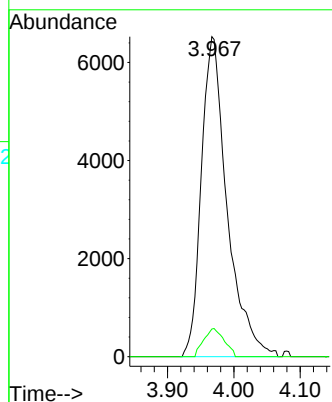
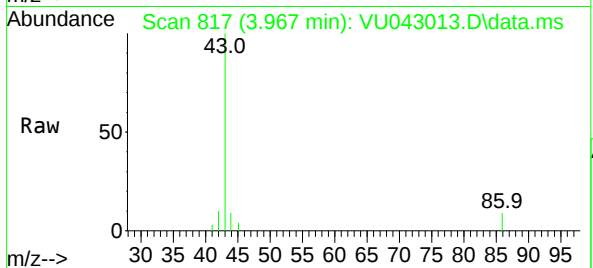
#23  
 Vinyl Acetate  
 Concen: 4.14 ug/l  
 RT: 3.967 min Scan# 817  
 Delta R.T. 0.006 min  
 Lab File: VU043013.D  
 Acq: 12 Apr 2021 10:09

Tgt Ion: 43 Resp: 17629  
 Ion Ratio Lower Upper  
 43 100  
 86 8.6 6.7 10.1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

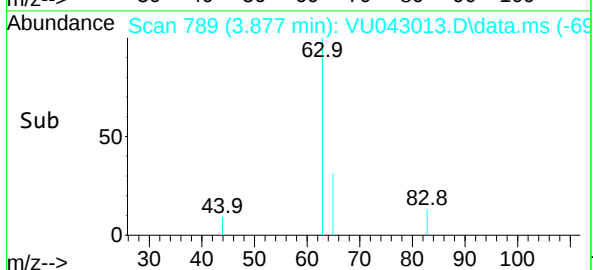
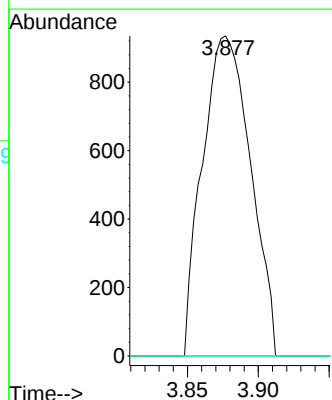
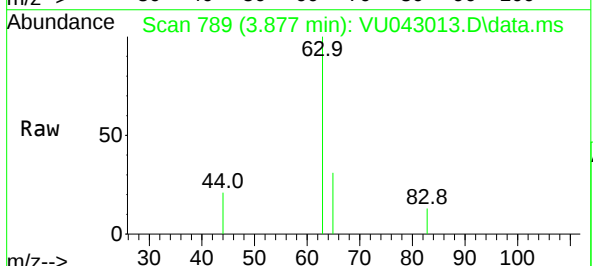
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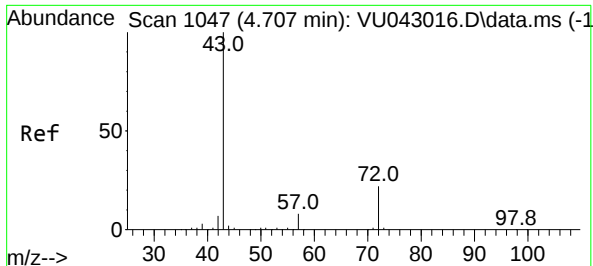
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#24  
 1,1-Dichloroethane  
 Concen: 0.96 ug/l  
 RT: 3.877 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: VU043013.D  
 Acq: 12 Apr 2021 10:09

Tgt Ion: 63 Resp: 2211  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.1 9.3#  
 100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 4.55 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU043013.D

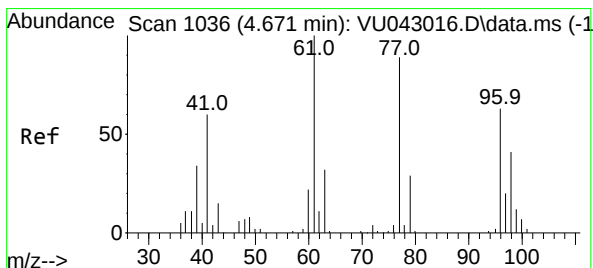
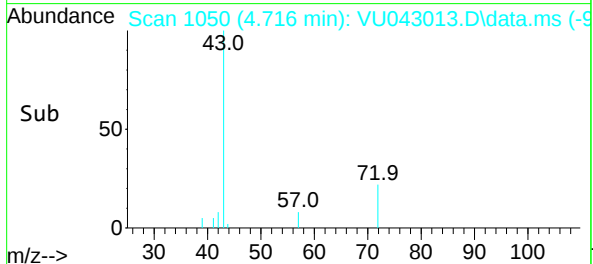
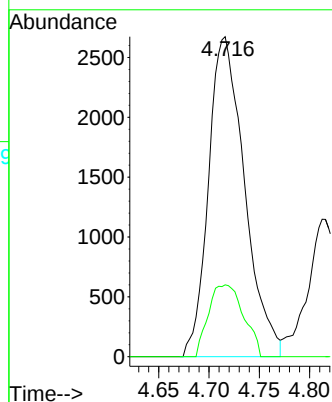
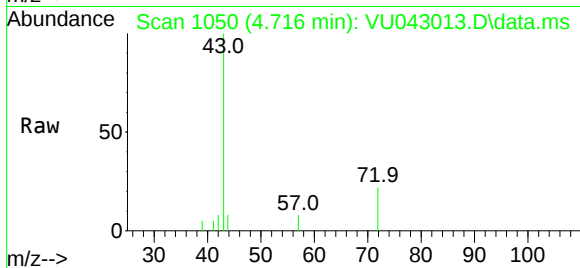
Acq: 12 Apr 2021 10:09

Tgt Ion: 43 Resp: 6671

Ion Ratio Lower Upper

43 100

72 22.4 17.4 26.0



#26

2,2-Dichloropropane

Concen: 0.92 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU043013.D

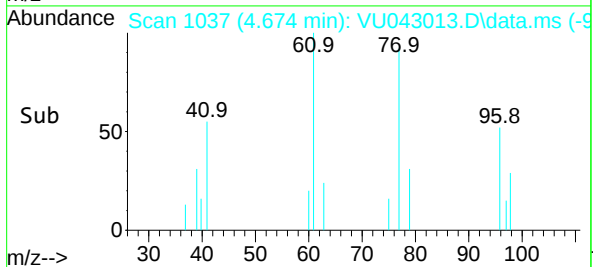
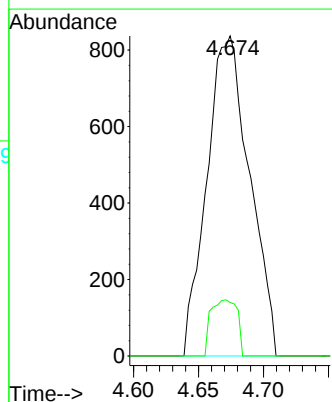
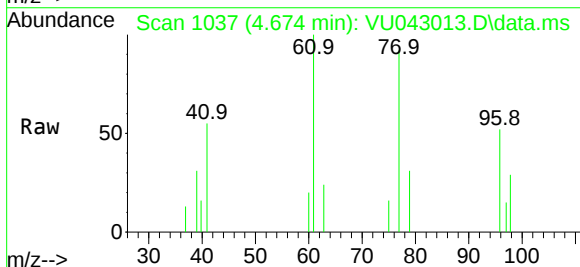
Acq: 12 Apr 2021 10:09

Tgt Ion: 77 Resp: 1918

Ion Ratio Lower Upper

77 100

97 10.7 10.6 31.8



Instrument :

MSVOA\_U

ClientSampleId :

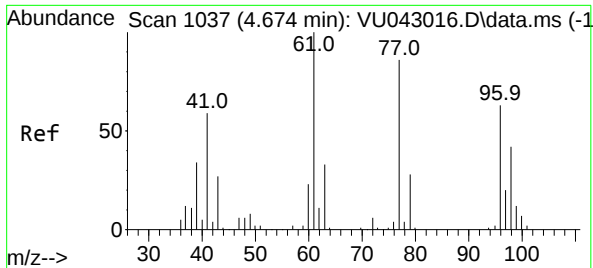
VSTDIC001

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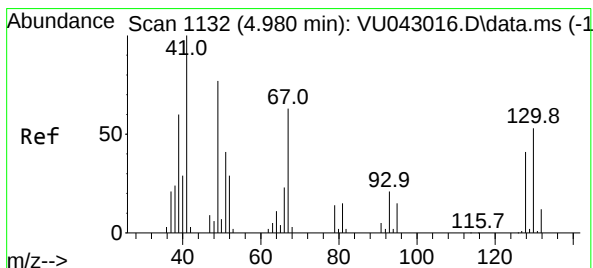
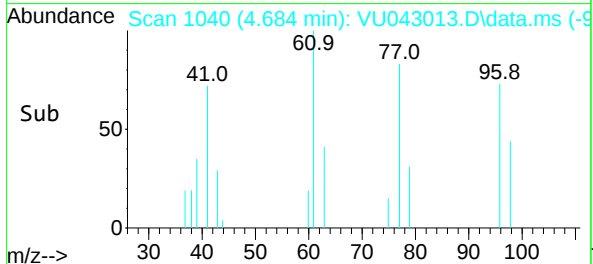
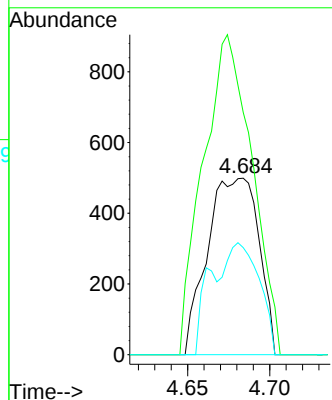
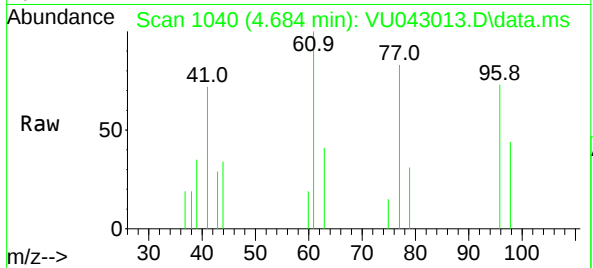
#27  
cis-1,2-Dichloroethene  
Concen: 0.83 ug/l  
RT: 4.684 min Scan# 1040  
Delta R.T. 0.010 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 1090  |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 171.8    | 0.0 322.2   |
| 98 43.2     | 0.0 128.6   |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

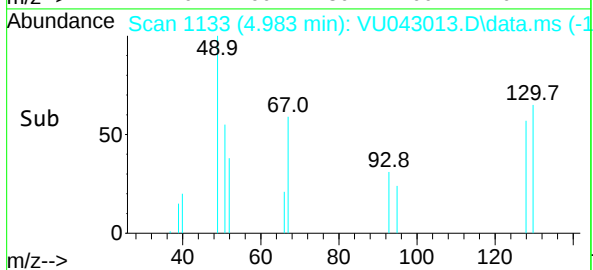
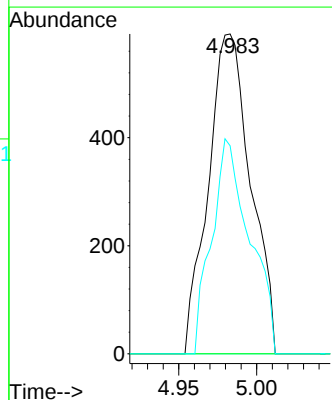
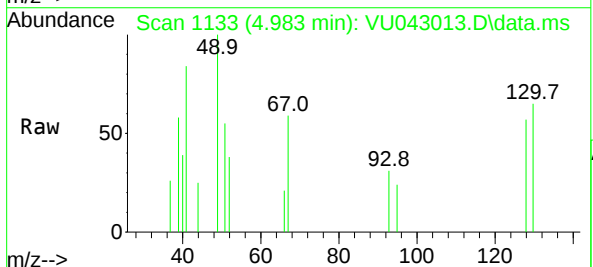
Manual Integrations  
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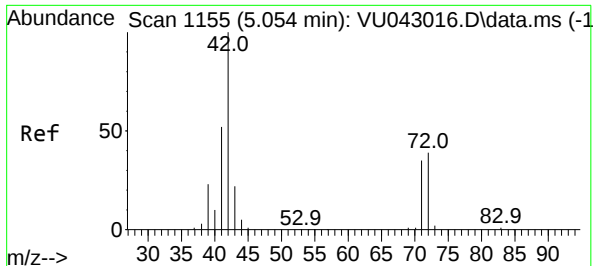
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#28  
Bromochloromethane  
Concen: 0.96 ug/l  
RT: 4.983 min Scan# 1133  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 1122  |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 0.0     | 0.0 3.4     |
| 130 60.2    | 57.1 85.7   |





#29

Tetrahydrofuran

Concen: 4.74 ug/l

RT: 5.063 min Scan# 1158

Delta R.T. 0.010 min

Lab File: VU043013.D

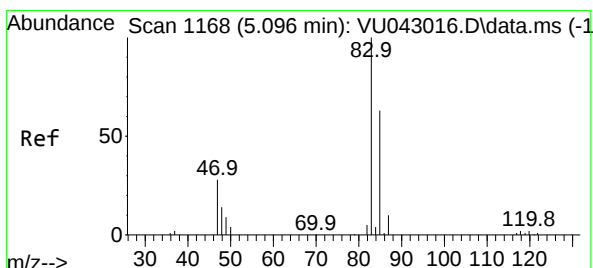
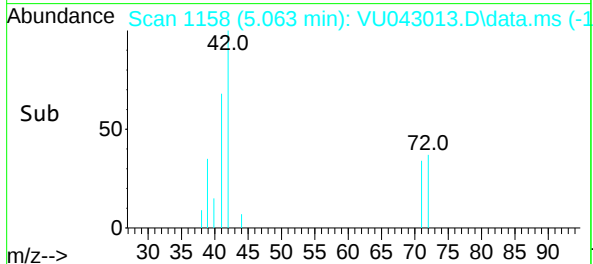
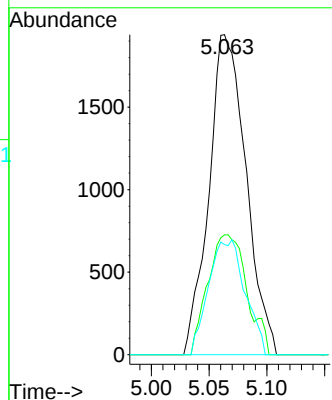
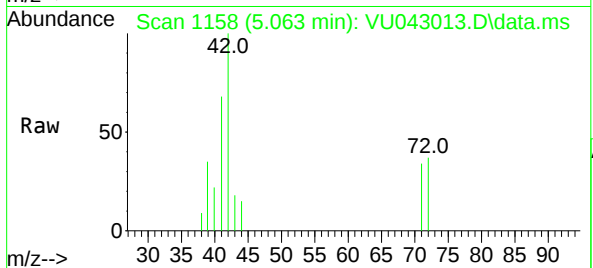
Acq: 12 Apr 2021 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 4335  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 39.4  | 31.5  | 47.3  |
| 71       | 35.3  | 29.5  | 44.3  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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#30

Chloroform

Concen: 0.85 ug/l

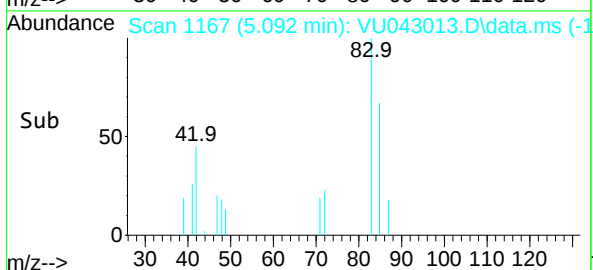
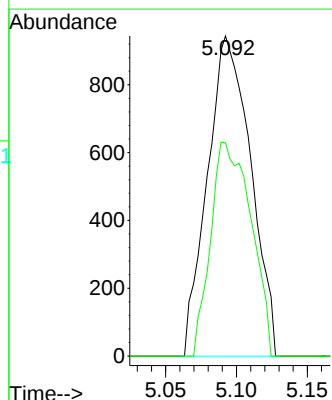
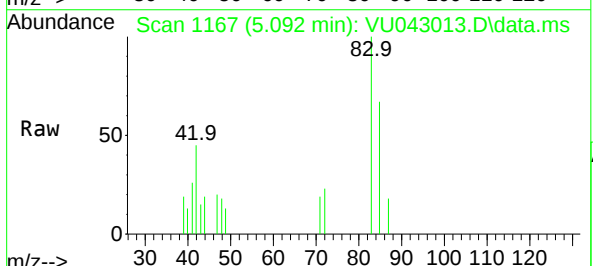
RT: 5.092 min Scan# 1167

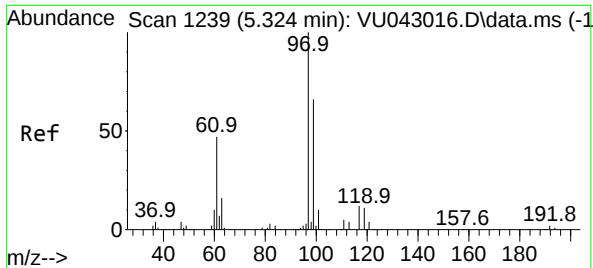
Delta R.T. -0.003 min

Lab File: VU043013.D

Acq: 12 Apr 2021 10:09

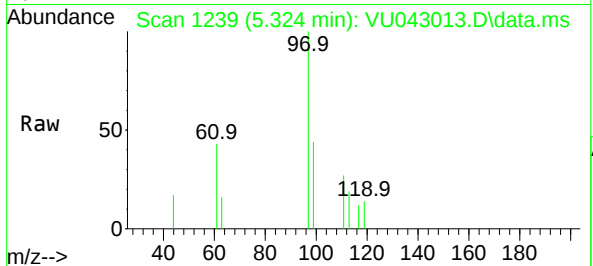
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 2005  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.6  | 54.6  | 81.8  |





#32  
1,1,1-Trichloroethane  
Concen: 0.86 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

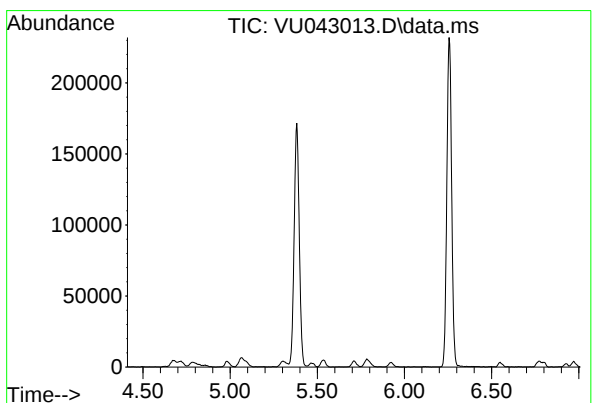
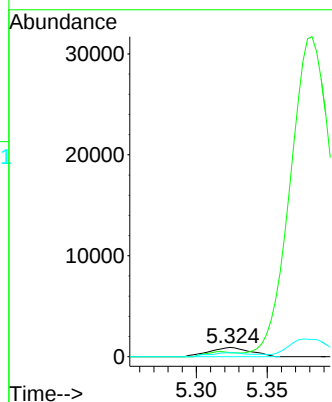
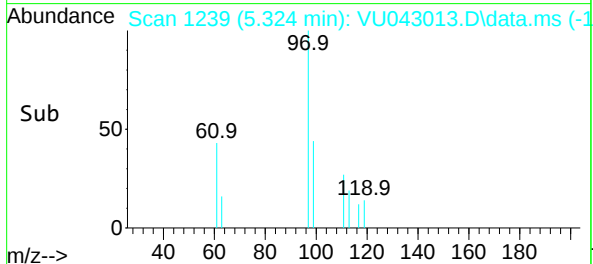
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001



Tgt Ion: 97 Resp: 1832  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.4 77.0#  
61 48.6 37.4 56.2

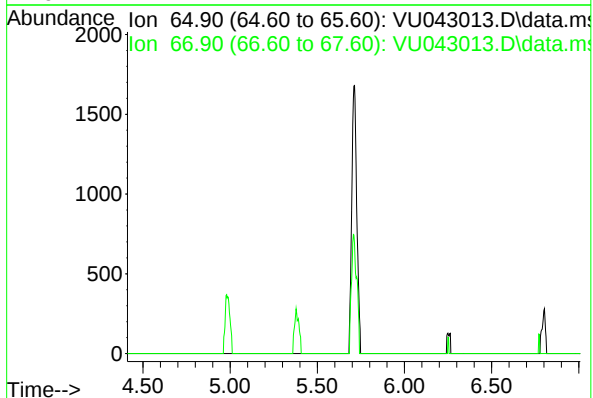
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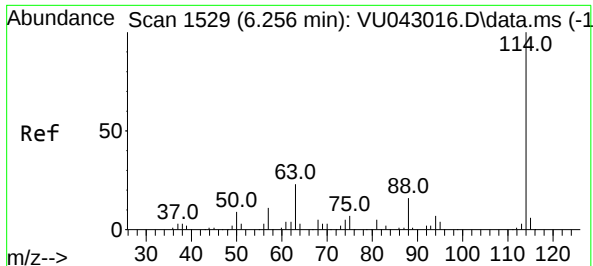
MMDadoda  
4/13/2021 5:46:58 PM



#33  
1,2-Dichloroethane-d4  
Concen: 0.00 ug/l  
Expected RT: 5.71 min  
  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 49.9





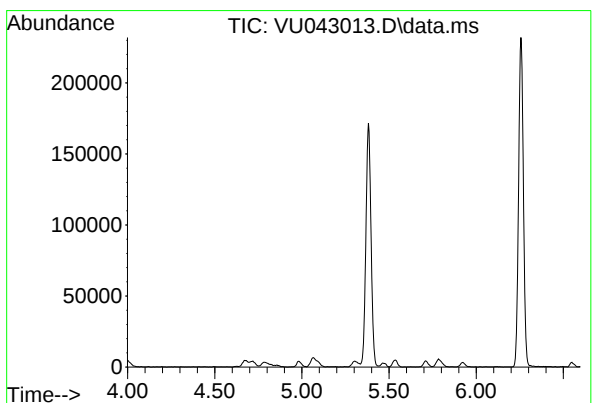
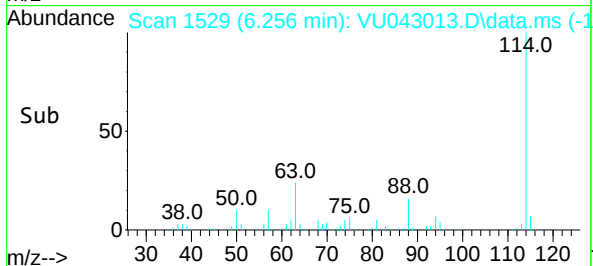
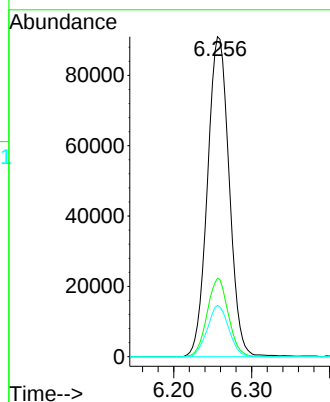
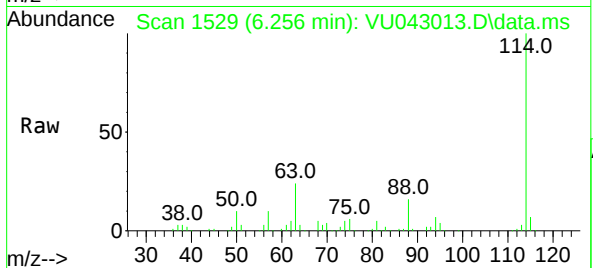
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion:114 Resp: 175946  
Ion Ratio Lower Upper  
114 100  
63 24.5 0.0 44.2  
88 16.0 0.0 33.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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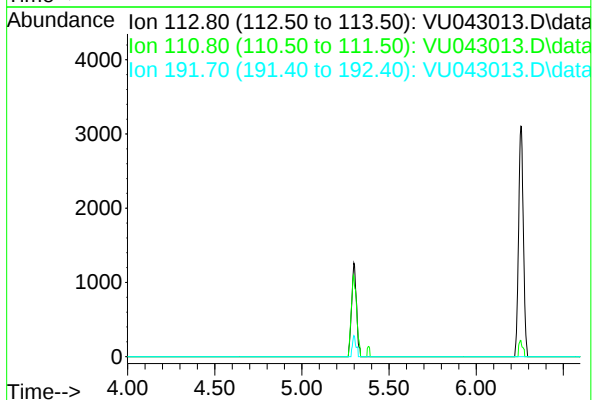
MMDadoda  
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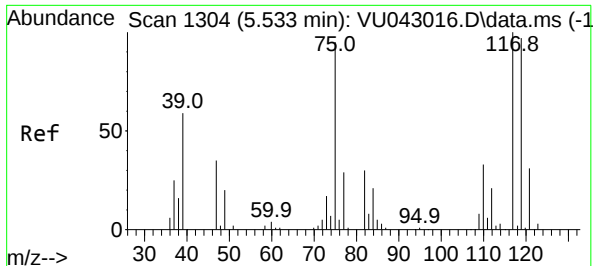


#35  
Dibromofluoromethane  
Concen: 0.00 ug/l  
Expected RT: 5.30 min

Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 113  
Sig Exp Ratio  
113 100  
111 102.3  
192 21.5





#36

1,1-Dichloropropene

Concen: 0.74 ug/l

RT: 5.539 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VU043013.D

Acq: 12 Apr 2021 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 1314  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 29.9  | 16.8  | 50.3  |
| 77       | 24.2  | 24.8  | 37.2# |

Instrument :

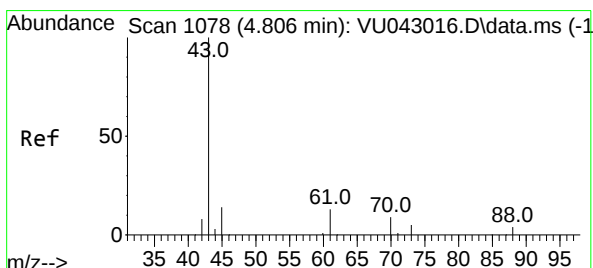
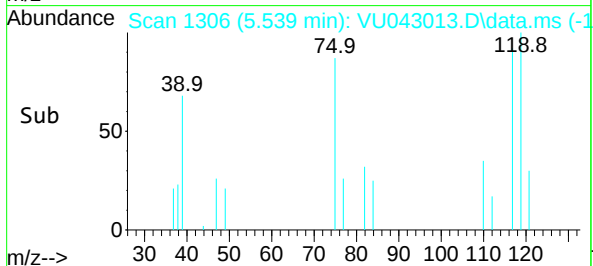
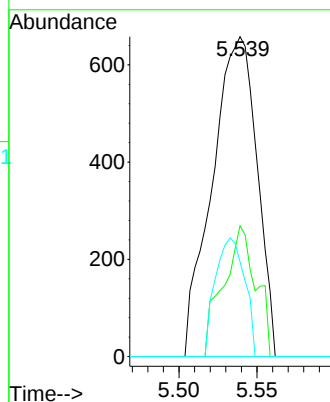
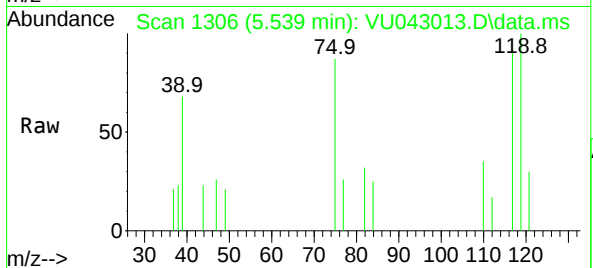
MSVOA\_U

ClientSampleId :

VSTDIC001

Manual Integrations  
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#37

Ethyl Acetate

Concen: 1.08 ug/l

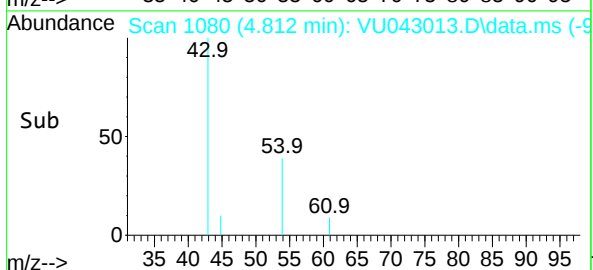
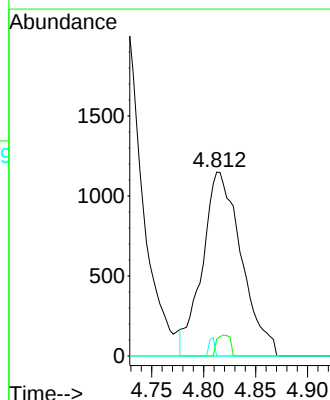
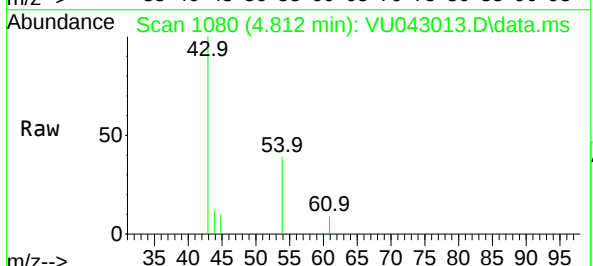
RT: 4.812 min Scan# 1080

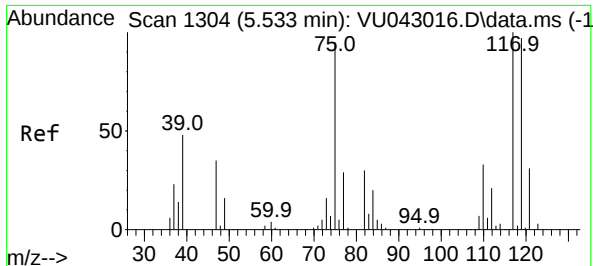
Delta R.T. 0.006 min

Lab File: VU043013.D

Acq: 12 Apr 2021 10:09

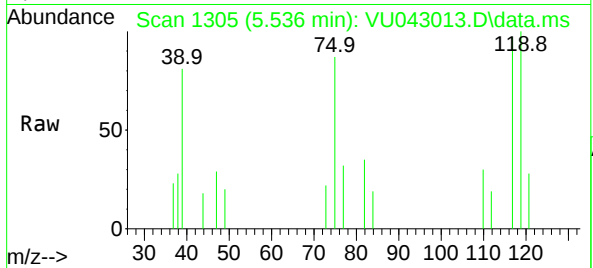
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2993  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 3.9   | 10.1  | 15.1# |
| 70       | 1.4   | 7.2   | 10.8# |





#38  
Carbon Tetrachloride  
Concen: 0.82 ug/l  
RT: 5.536 min Scan# 1305  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

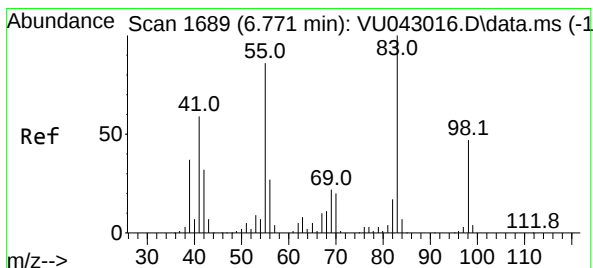
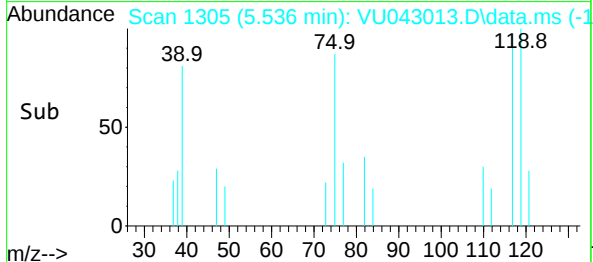
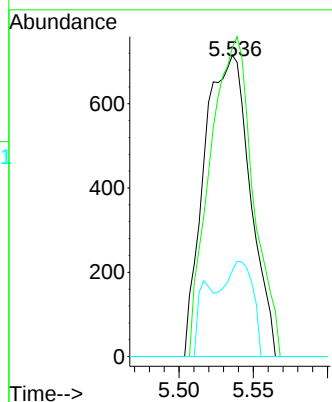
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001



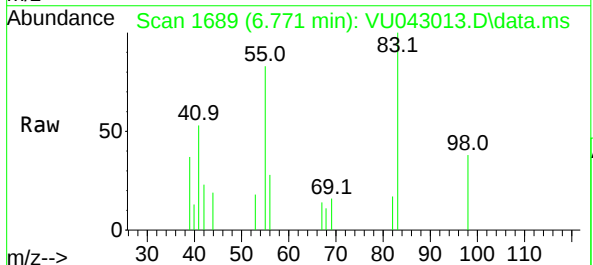
Tgt Ion: 117 Resp: 1537  
Ion Ratio Lower Upper  
117 100  
119 102.7 75.5 113.3  
121 28.5 24.7 37.1

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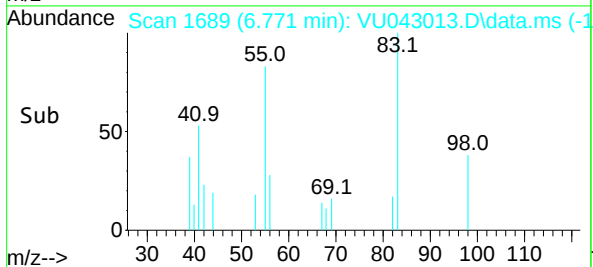
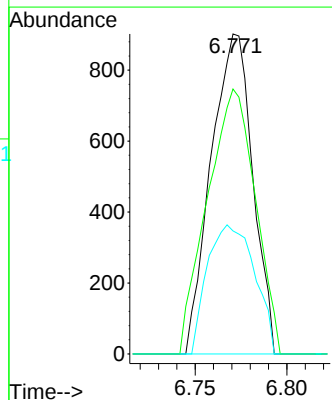
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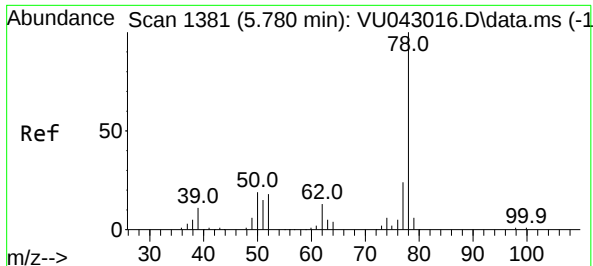


#39  
Methylcyclohexane  
Concen: 0.70 ug/l  
RT: 6.771 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



Tgt Ion: 83 Resp: 1422  
Ion Ratio Lower Upper  
83 100  
55 82.8 66.8 100.2  
98 38.5 36.9 55.3





#40

Benzene

Concen: 0.89 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VU043013.D

Acq: 12 Apr 2021 10:09

Tgt Ion: 78 Resp: 4423

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

Instrument :

MSVOA\_U

ClientSampleId :

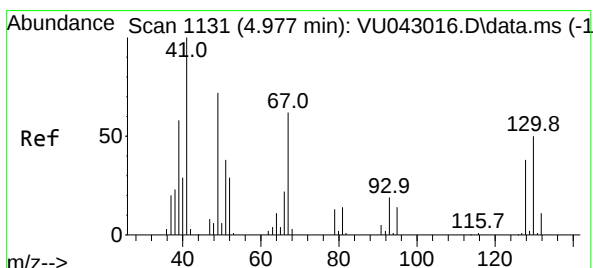
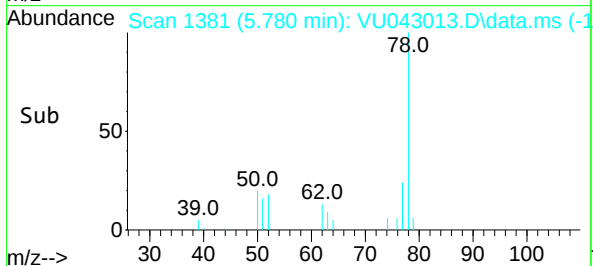
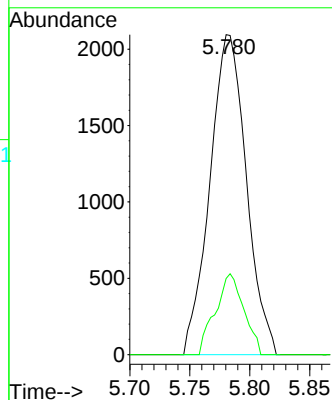
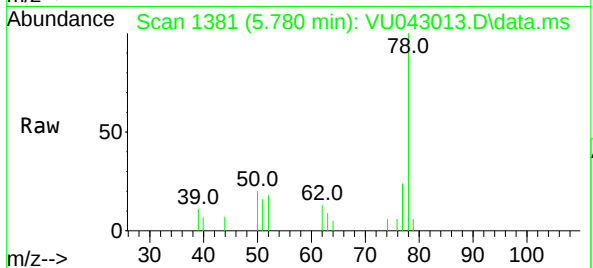
VSTDIC001

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#41

Methacrylonitrile

Concen: 0.84 ug/l m

RT: 4.986 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VU043013.D

Acq: 12 Apr 2021 10:09

Tgt Ion: 41 Resp: 1204

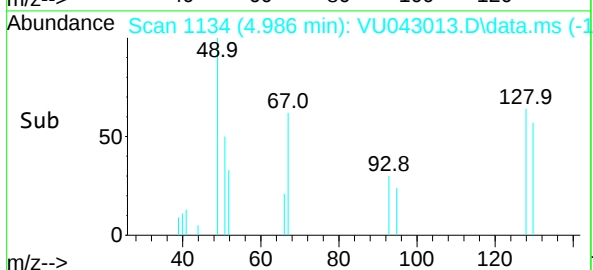
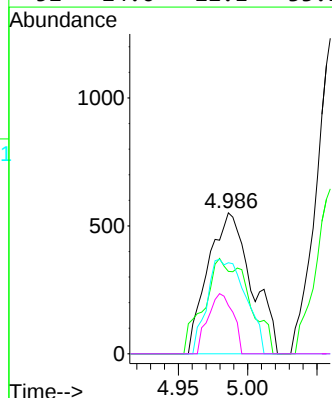
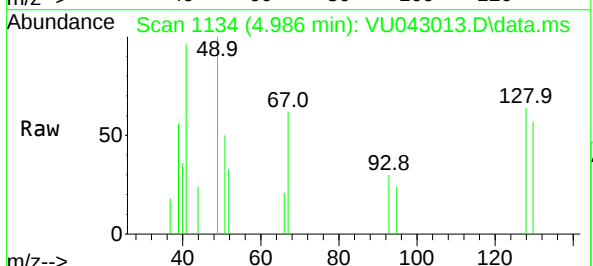
Ion Ratio Lower Upper

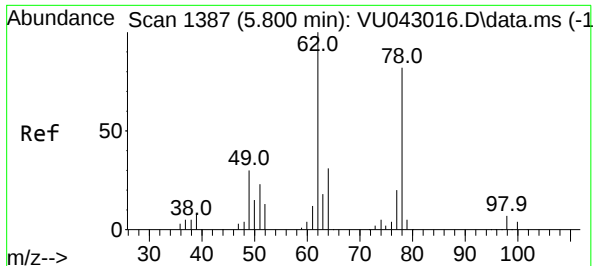
41 100

39 69.4 45.1 67.7#

67 59.3 50.2 75.2

52 24.6 22.1 33.1





#42

1,2-Dichloroethane

Concen: 0.90 ug/l

RT: 5.809 min Scan# 1390

Delta R.T. 0.010 min

Lab File: VU043013.D

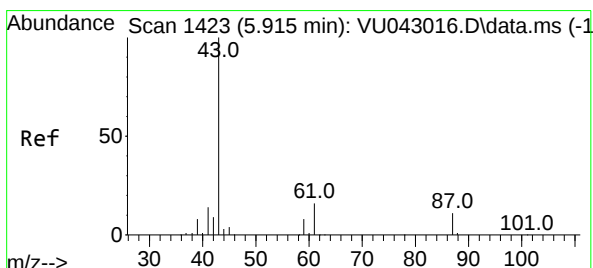
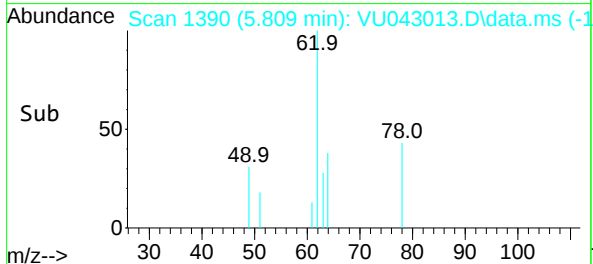
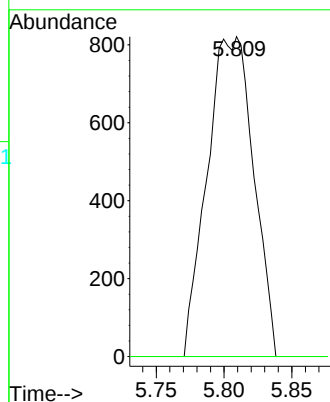
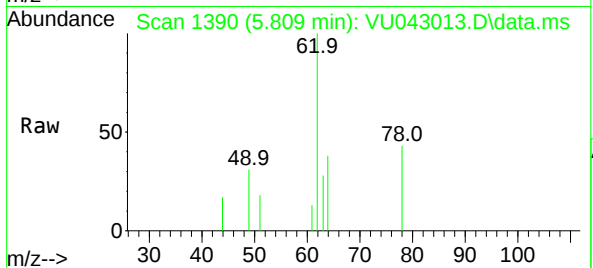
Acq: 12 Apr 2021 10:09

Tgt Ion: 62 Resp: 1954

Ion Ratio Lower Upper

62 100

98 0.0 0.0 14.8



#43

Isopropyl Acetate

Concen: 0.86 ug/l

RT: 5.922 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VU043013.D

Acq: 12 Apr 2021 10:09

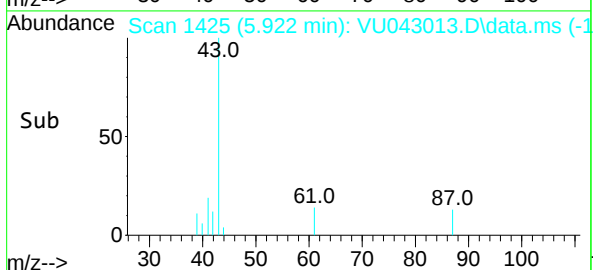
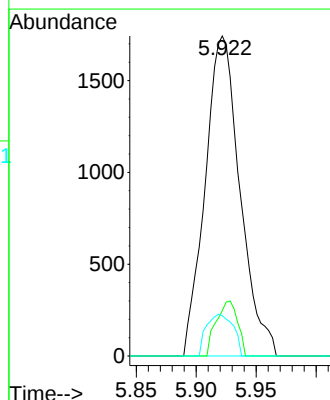
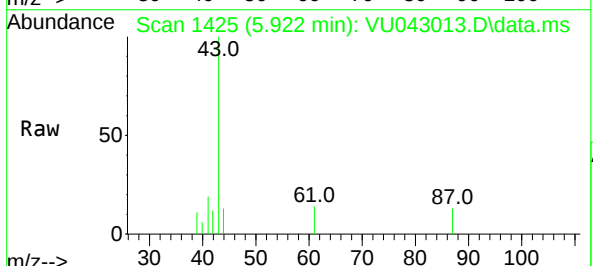
Tgt Ion: 43 Resp: 3526

Ion Ratio Lower Upper

43 100

61 10.5 14.4 21.6#

87 10.0 8.8 13.2



Instrument :

MSVOA\_U

ClientSampleId :

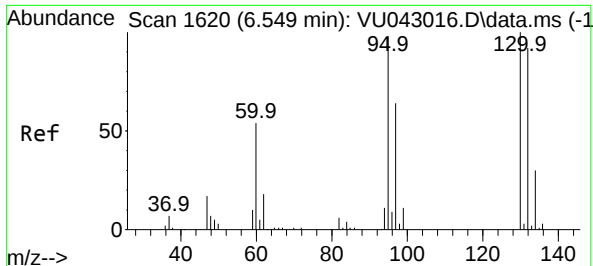
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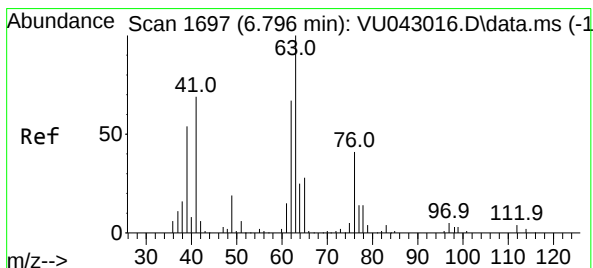
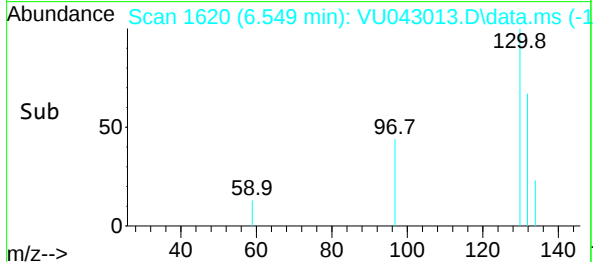
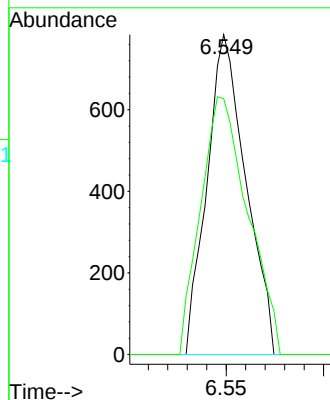
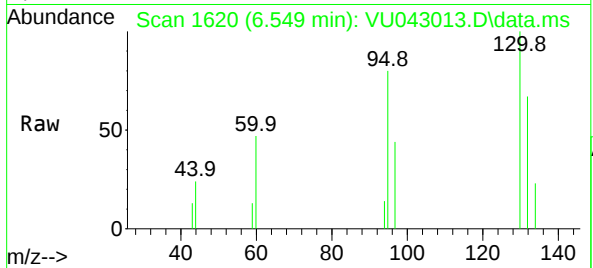
#44  
Trichloroethene  
Concen: 0.83 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 130 Resp: 1088  
Ion Ratio Lower Upper  
130 100  
95 80.0 0.0 197.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

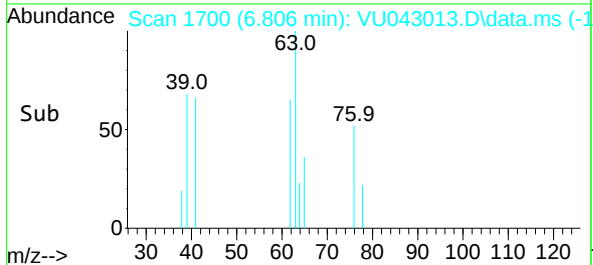
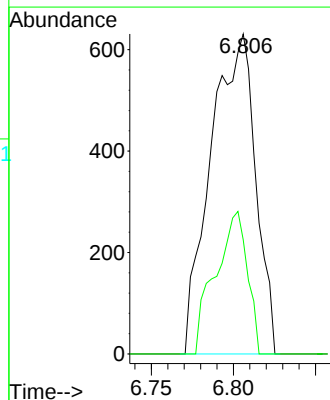
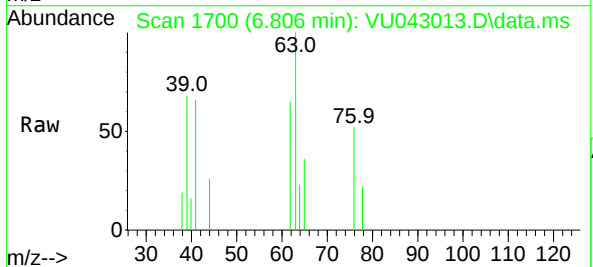
Manual Integrations  
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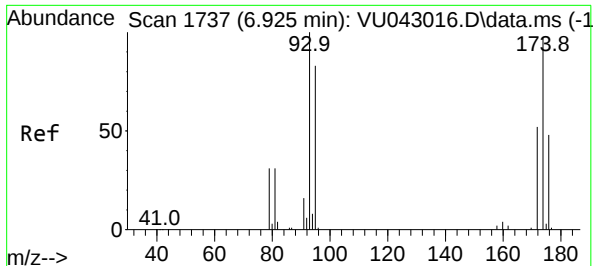
MMDadoda  
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#45  
1,2-Dichloropropane  
Concen: 0.87 ug/l  
RT: 6.806 min Scan# 1700  
Delta R.T. 0.010 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

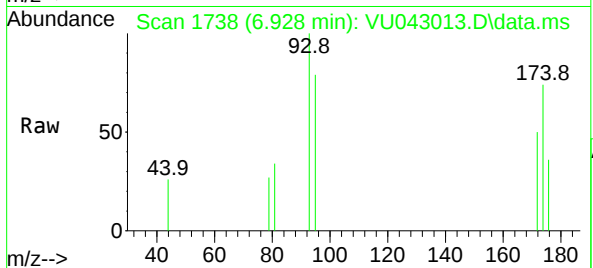
Tgt Ion: 63 Resp: 1197  
Ion Ratio Lower Upper  
63 100  
65 35.7 25.4 38.2





#46  
Dibromomethane  
Concen: 0.91 ug/l  
RT: 6.928 min Scan# 1738  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

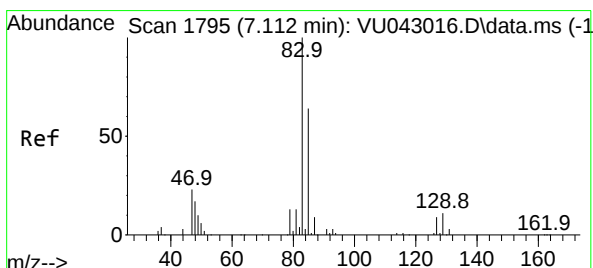
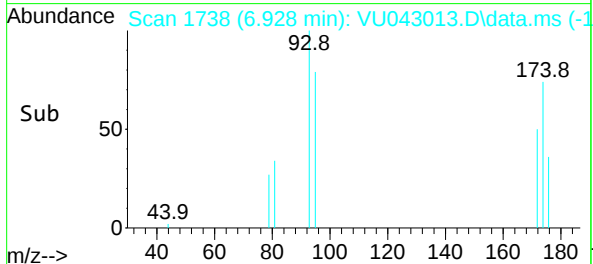
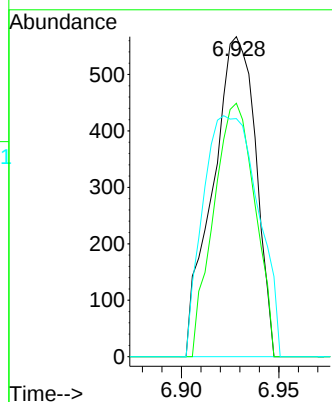
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001



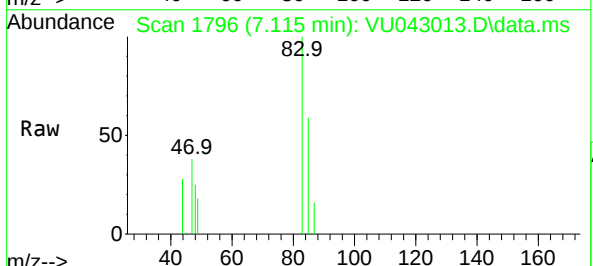
Tgt Ion: 93 Resp: 872  
Ion Ratio Lower Upper  
93 100  
95 76.0 63.6 95.4  
174 95.8 83.4 125.2

Manual Integrations  
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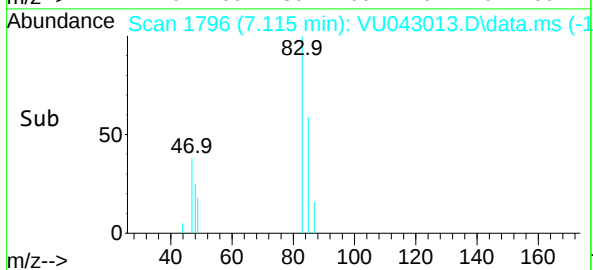
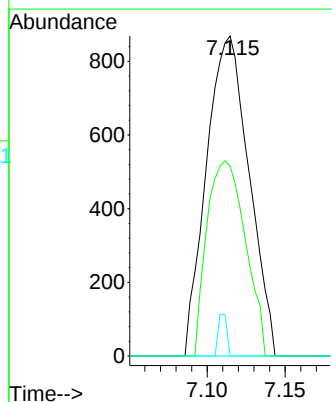
MMDadoda  
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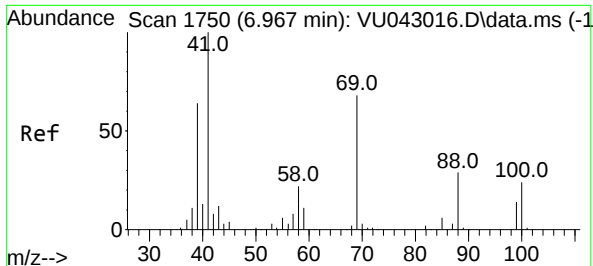


#47  
Bromodichloromethane  
Concen: 0.87 ug/l  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



Tgt Ion: 83 Resp: 1650  
Ion Ratio Lower Upper  
83 100  
85 59.4 51.3 76.9  
127 0.0 6.9 10.3#





#48

Methyl methacrylate

Concen: 0.84 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.003 min

Lab File: VU043013.D

Acq: 12 Apr 2021 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 1696  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 59.7  | 57.0  | 85.6  |
| 39       | 72.2  | 48.4  | 72.6  |

Instrument :

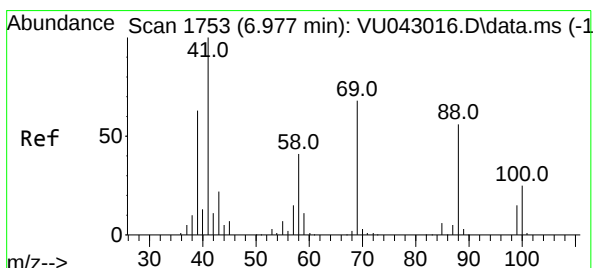
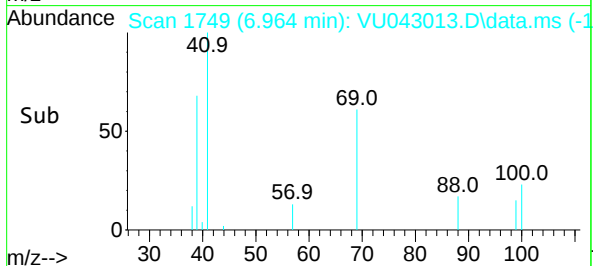
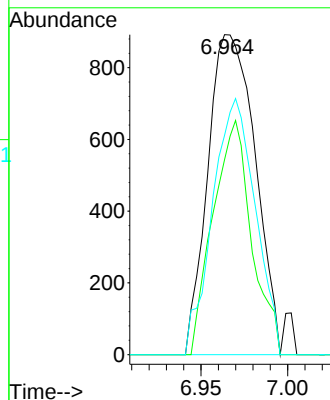
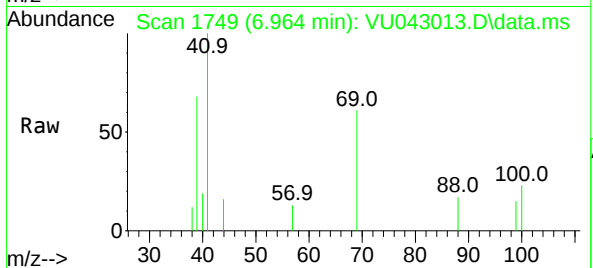
MSVOA\_U

ClientSampleId :

VSTDIC001

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#49

1,4-Dioxane

Concen: 19.75 ug/l

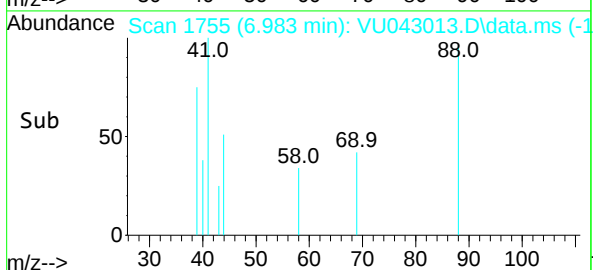
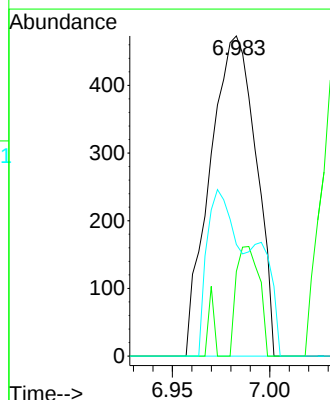
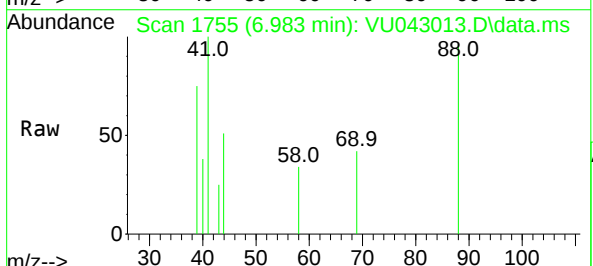
RT: 6.983 min Scan# 1755

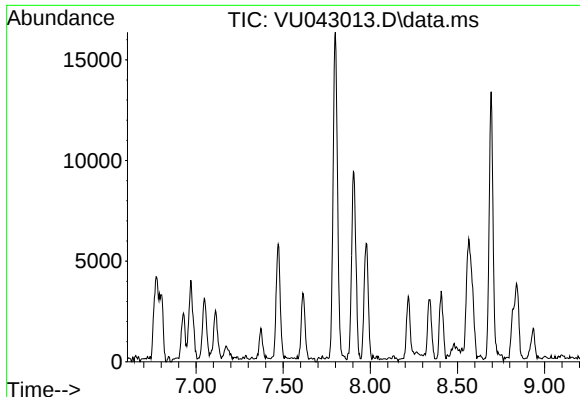
Delta R.T. 0.006 min

Lab File: VU043013.D

Acq: 12 Apr 2021 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 777   |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 17.1  | 0.0   | 0.0#  |
| 58       | 33.7  | 60.4  | 90.6# |





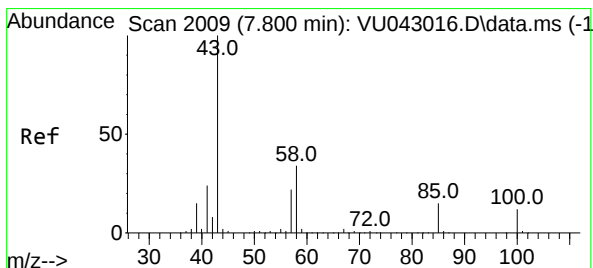
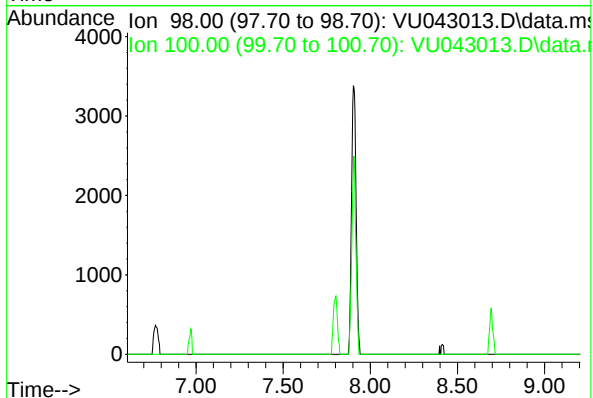
#50  
Toluene-d8  
Concen: 0.00 ug/l  
Expected RT: 7.91 min  
  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 62.7

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

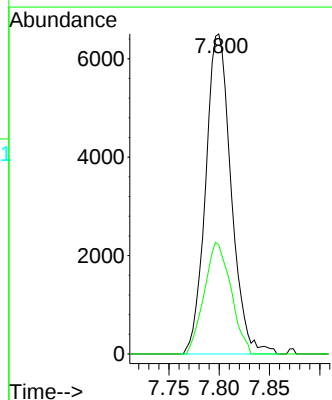
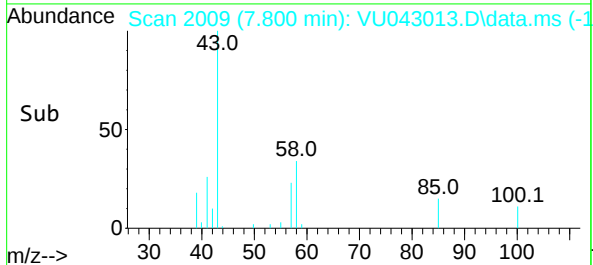
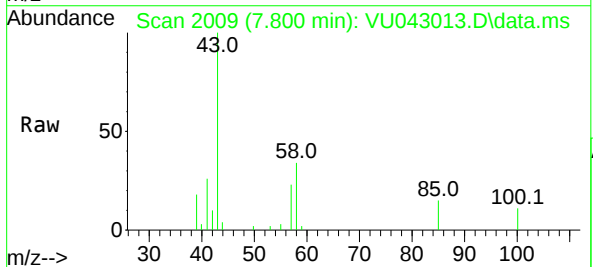
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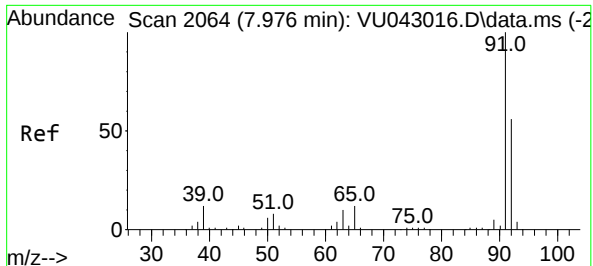
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4/13/2021 5:46:58 PM



#51  
4-Methyl-2-Pentanone  
Concen: 4.08 ug/l  
RT: 7.800 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 43 Resp: 11466  
Ion Ratio Lower Upper  
43 100  
58 36.4 28.1 42.1





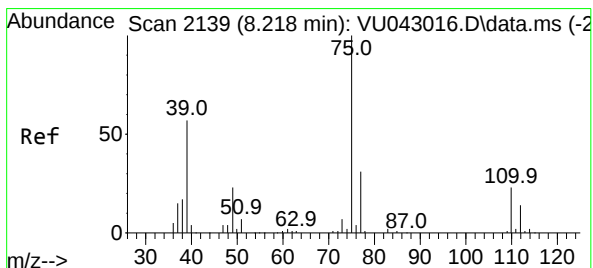
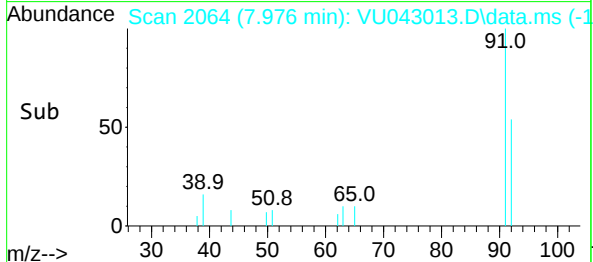
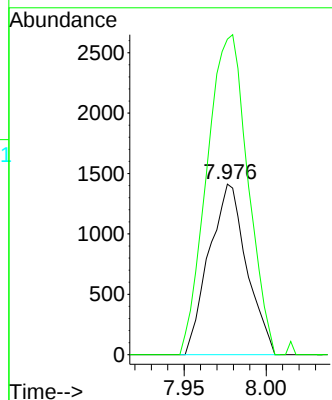
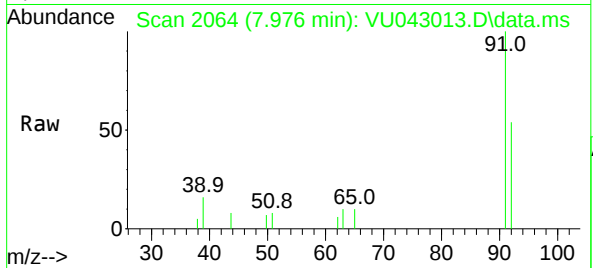
#52  
Toluene  
Concen: 0.73 ug/l  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 92 Resp: 2248  
Ion Ratio Lower Upper  
92 100  
91 204.0 140.3 210.5

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

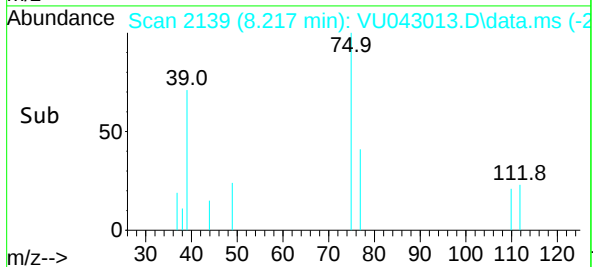
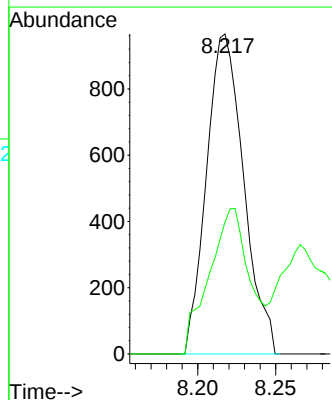
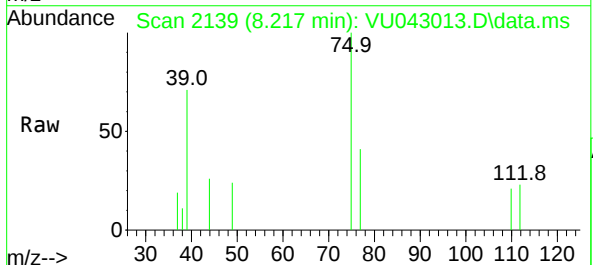
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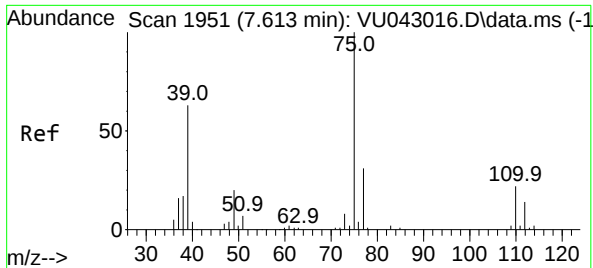
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#53  
t-1,3-Dichloropropene  
Concen: 0.77 ug/l  
RT: 8.217 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 75 Resp: 1600  
Ion Ratio Lower Upper  
75 100  
77 41.2 25.6 38.4#





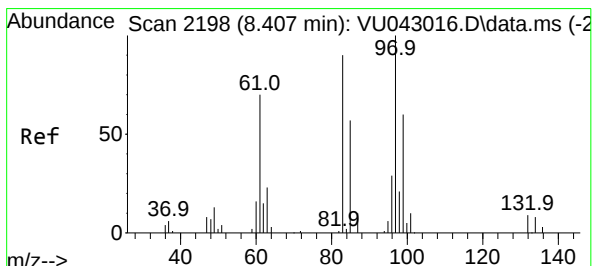
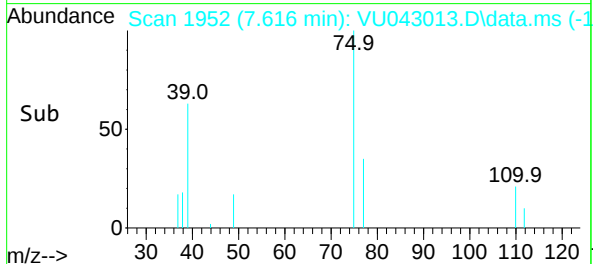
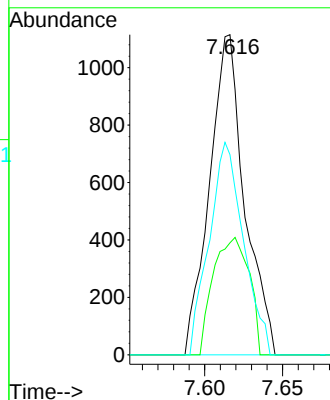
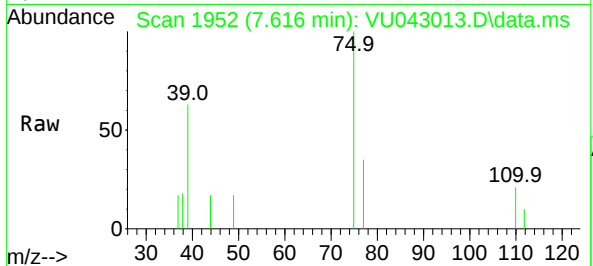
#54  
cis-1,3-Dichloropropene  
Concen: 0.79 ug/l  
RT: 7.616 min Scan# 1952  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 1746  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 35.0  | 24.6  | 37.0  |
| 39       | 62.5  | 46.1  | 69.1  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

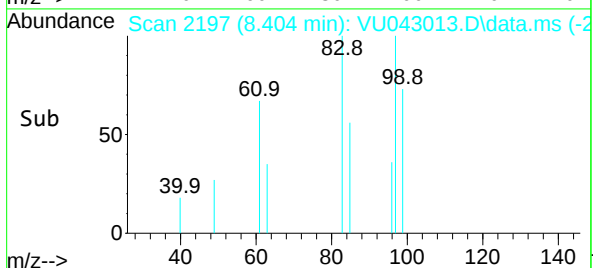
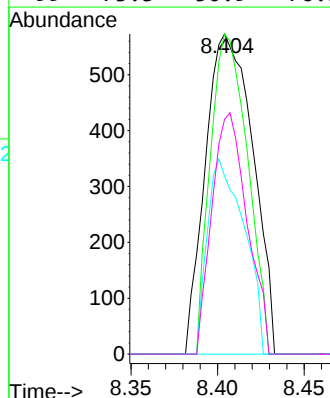
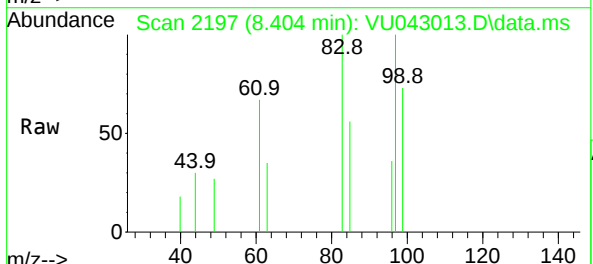
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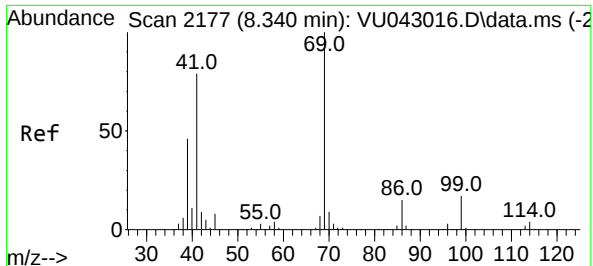
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#55  
1,1,2-Trichloroethane  
Concen: 0.85 ug/l  
RT: 8.404 min Scan# 2197  
Delta R.T. -0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 1092  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 100.0 | 72.6  | 109.0 |
| 85       | 55.7  | 46.6  | 69.8  |
| 99       | 73.3  | 50.9  | 76.3  |





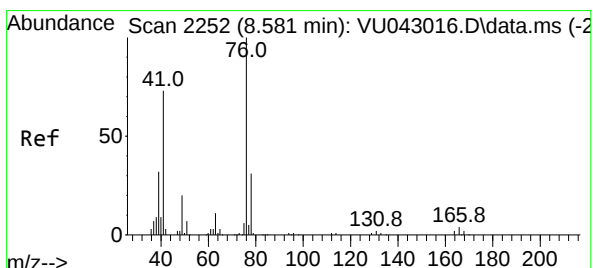
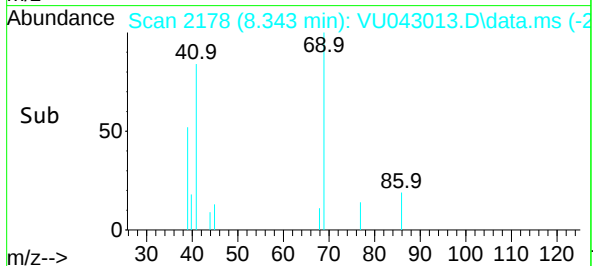
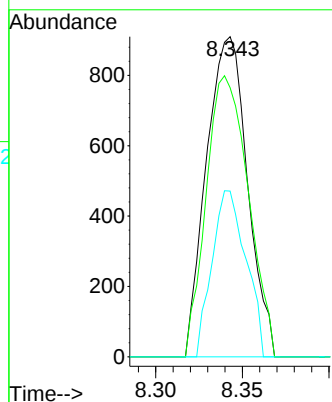
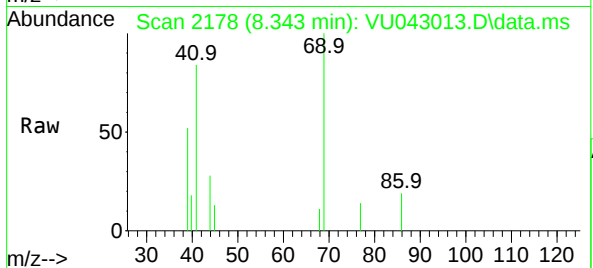
#56  
Ethyl methacrylate  
Concen: 0.69 ug/l  
RT: 8.343 min Scan# 2178  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 1501  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 90.0  | 62.8  | 94.2  |
| 39       | 42.8  | 36.2  | 54.2  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

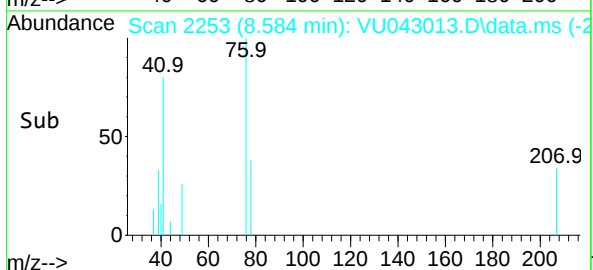
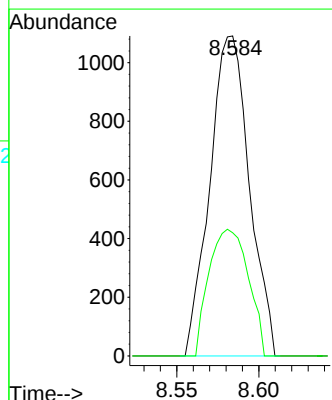
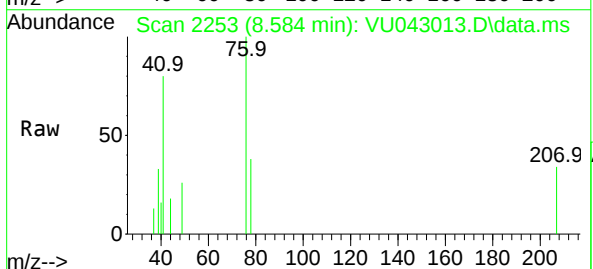
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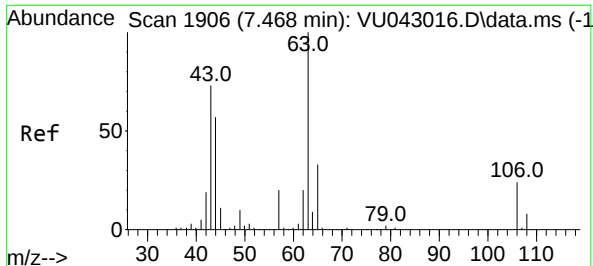
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#57  
1,3-Dichloropropane  
Concen: 0.82 ug/l  
RT: 8.584 min Scan# 2253  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 1828  |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 39.3  | 25.7  | 38.5# |





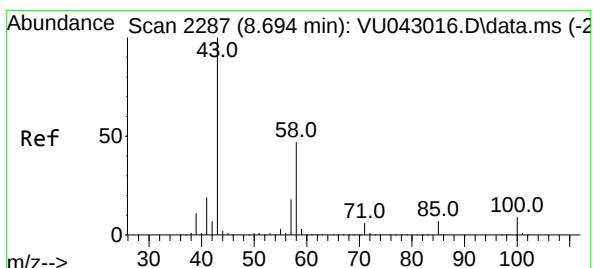
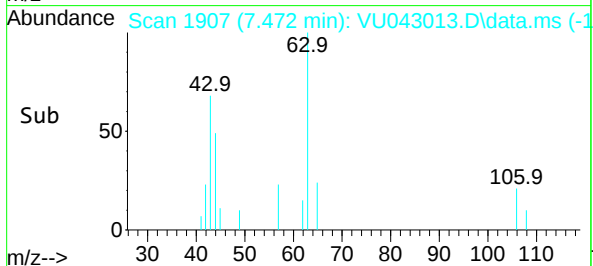
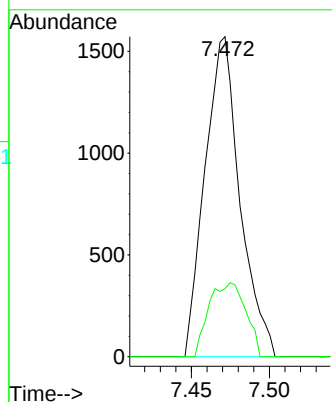
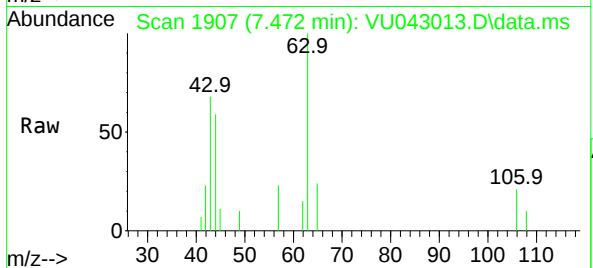
#58  
2-Chloroethyl Vinyl ether  
Concen: 3.29 ug/l  
RT: 7.472 min Scan# 1907  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 63 Resp: 2449  
Ion Ratio Lower Upper  
63 100  
106 24.3 20.3 30.5

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

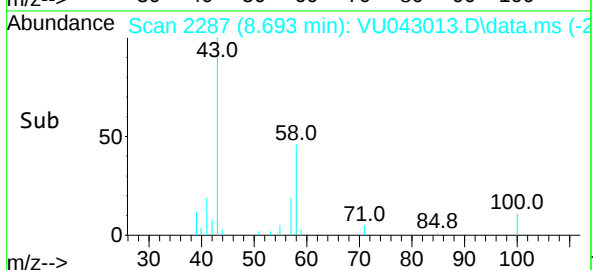
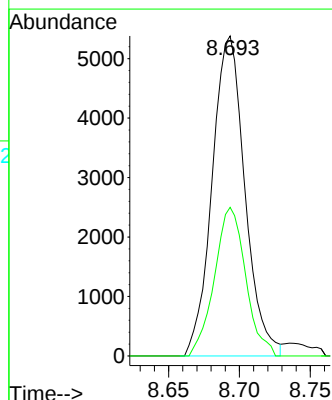
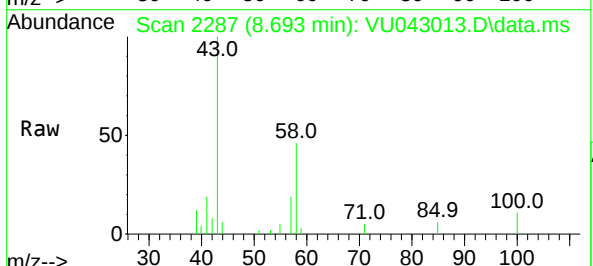
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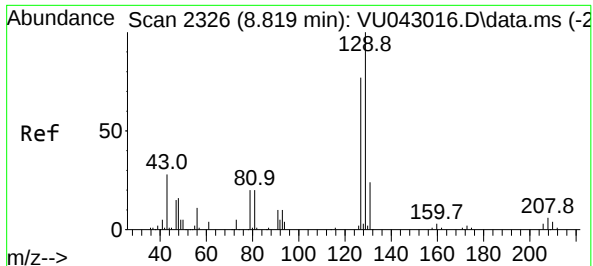
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#59  
2-Hexanone  
Concen: 3.83 ug/l  
RT: 8.693 min Scan# 2287  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 43 Resp: 8663  
Ion Ratio Lower Upper  
43 100  
58 44.2 24.0 72.0





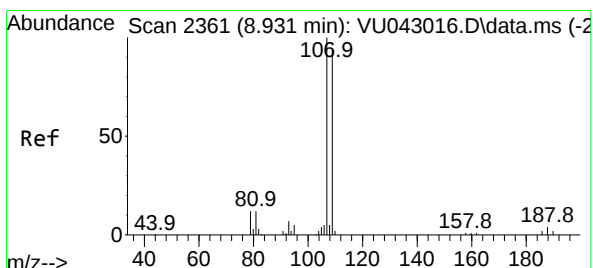
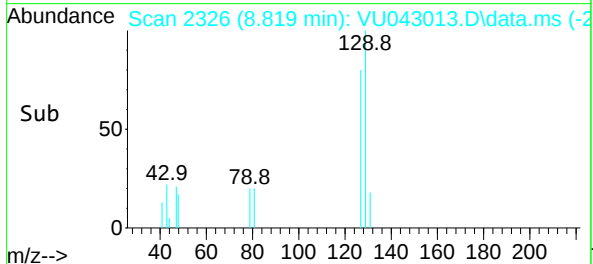
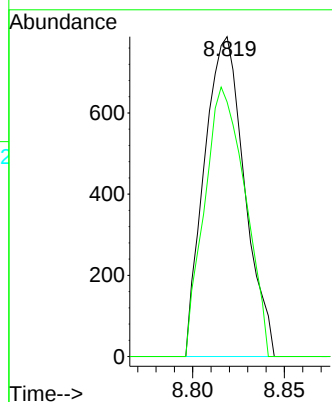
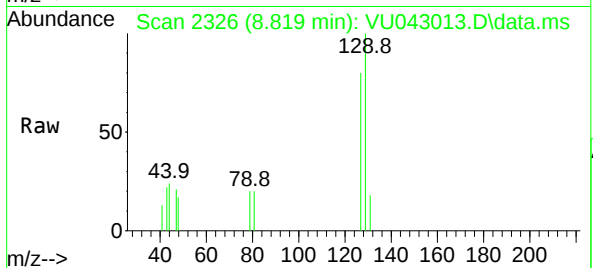
#60  
Dibromochloromethane  
Concen: 0.80 ug/l  
RT: 8.819 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion:129 Resp: 1199  
Ion Ratio Lower Upper  
129 100  
127 85.3 38.5 115.3

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

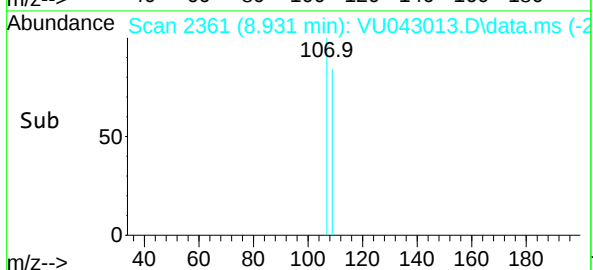
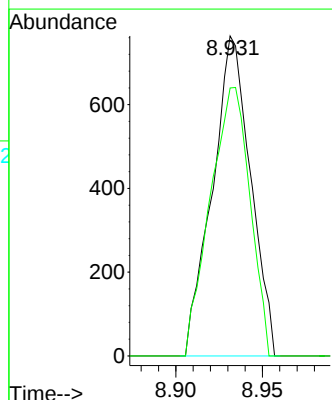
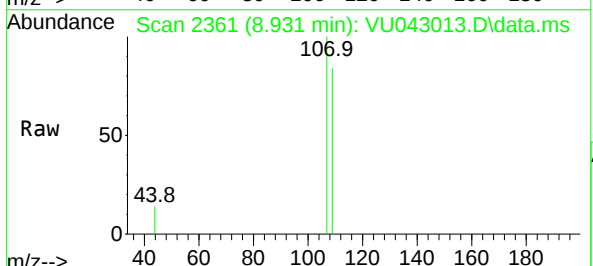
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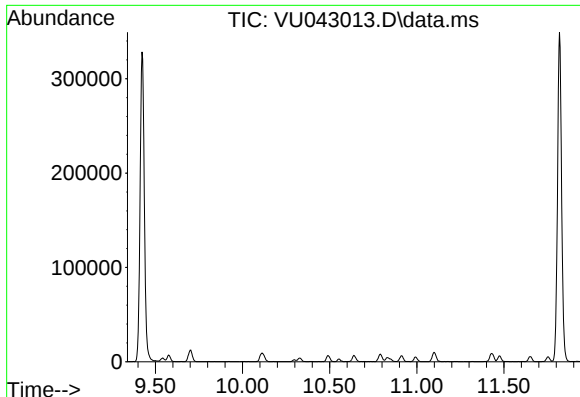
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4/13/2021 5:46:58 PM



#61  
1,2-Dibromoethane  
Concen: 0.80 ug/l  
RT: 8.931 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion:107 Resp: 1173  
Ion Ratio Lower Upper  
107 100  
109 87.1 75.9 113.9





#62  
4-Bromofluorobenzene  
Concen: 0.00 ug/l  
Expected RT: 10.64 min

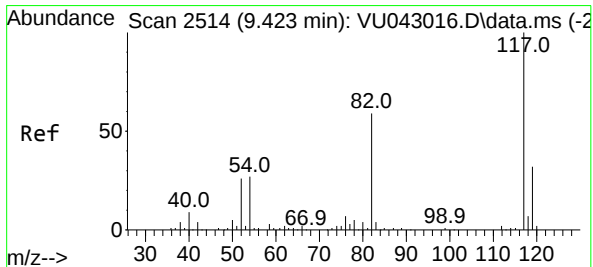
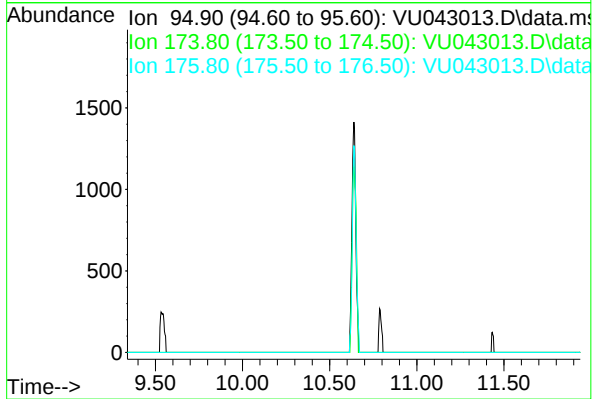
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 86.1  
176 84.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

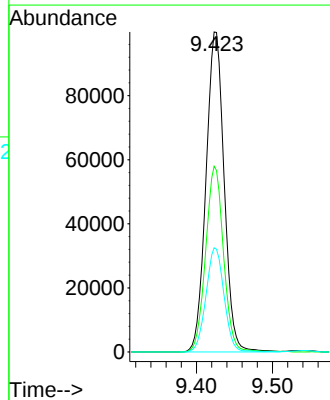
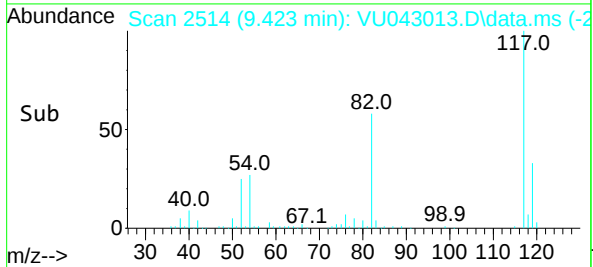
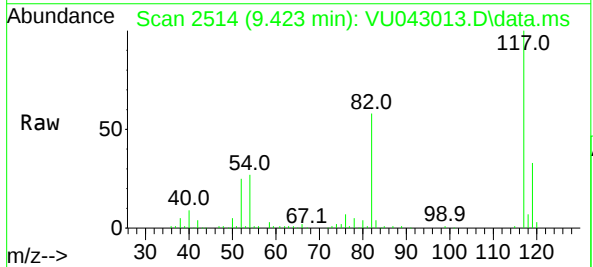
Manual Integrations  
APPROVED

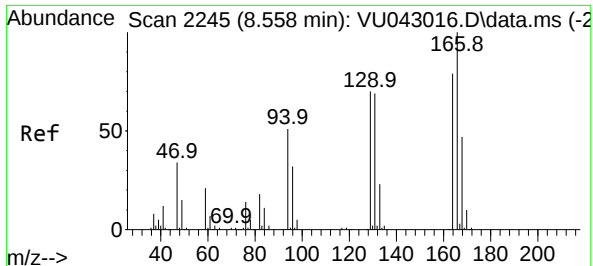
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4/13/2021 5:46:58 PM



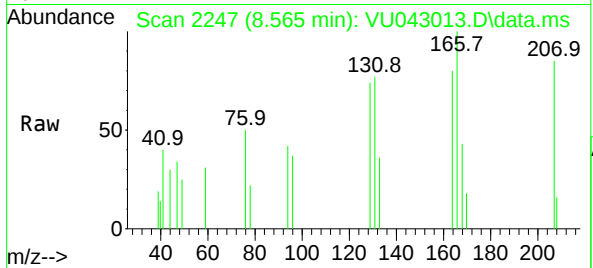
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 117 Resp: 165741  
Ion Ratio Lower Upper  
117 100  
82 58.1 45.8 68.6  
119 32.5 25.8 38.8

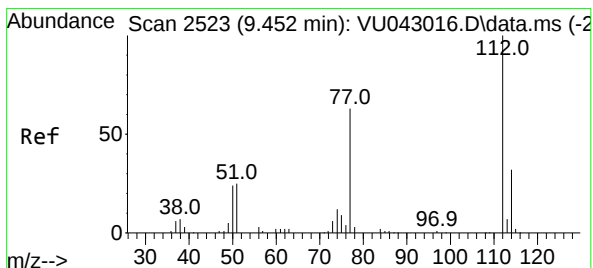
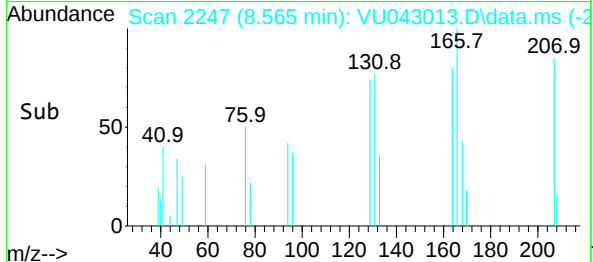
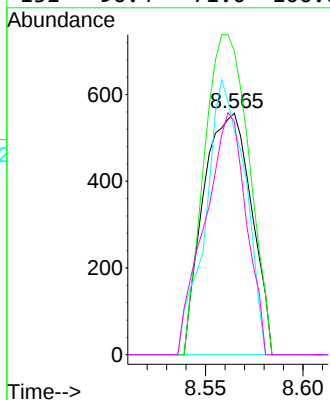




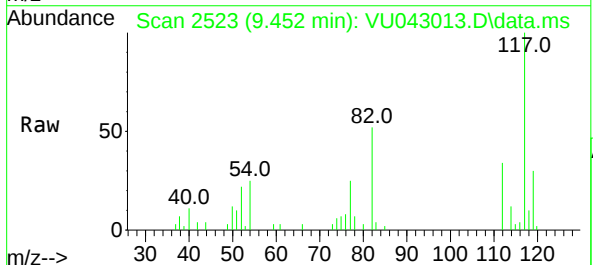
#64  
Tetrachloroethene  
Concen: 0.77 ug/l  
RT: 8.565 min Scan# 2247  
Delta R.T. 0.006 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



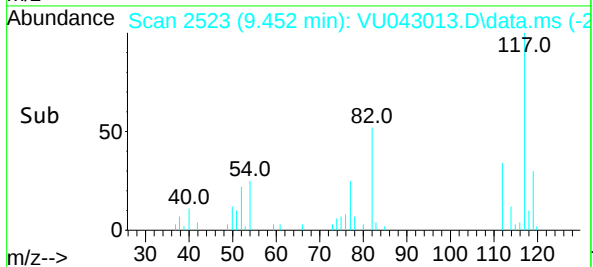
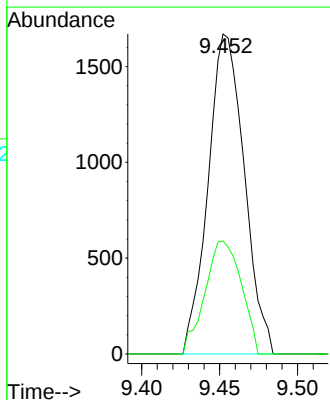
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 955   |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 125.7 | 105.3 | 157.9 |
| 129       | 92.6  | 75.0  | 112.6 |
| 131       | 96.4  | 71.0  | 106.6 |



#65  
Chlorobenzene  
Concen: 0.81 ug/l  
RT: 9.452 min Scan# 2523  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



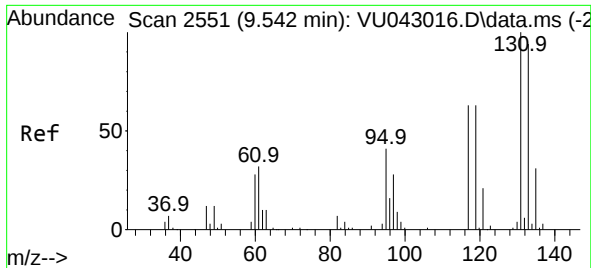
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 112   | Resp: | 2696 |
| Ion Ratio | Lower | Upper |      |
| 112       | 100   |       |      |
| 114       | 35.3  | 25.0  | 37.4 |



Instrument :  
MSVOA\_U  
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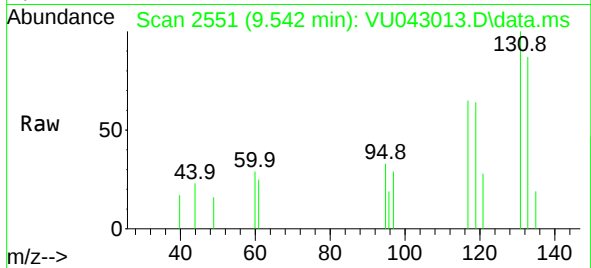
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 0.80 ug/l  
 RT: 9.542 min Scan# 2551  
 Delta R.T. -0.000 min  
 Lab File: VU043013.D  
 Acq: 12 Apr 2021 10:09

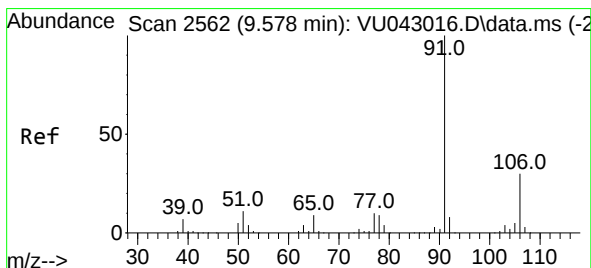
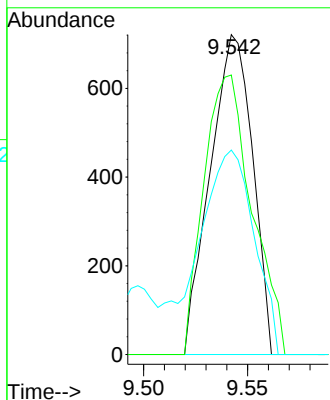
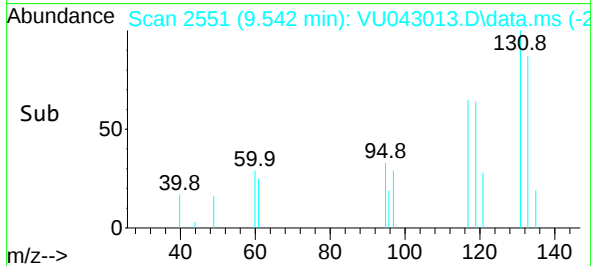
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001



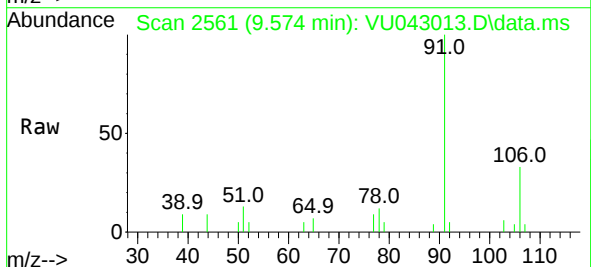
Tgt Ion: 131 Resp: 1023  
 Ion Ratio Lower Upper  
 131 100  
 133 99.1 47.6 142.9  
 119 0.0 31.9 95.5#

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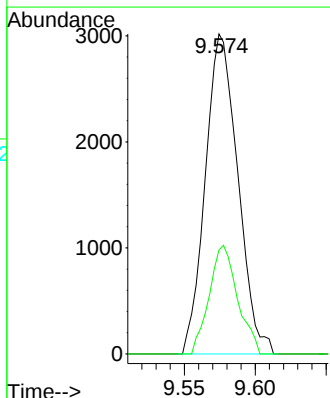
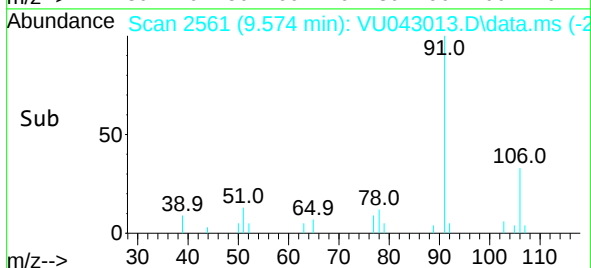
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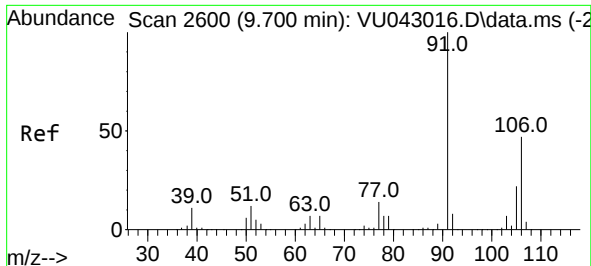


#67  
 Ethyl Benzene  
 Concen: 0.80 ug/l  
 RT: 9.574 min Scan# 2561  
 Delta R.T. -0.003 min  
 Lab File: VU043013.D  
 Acq: 12 Apr 2021 10:09



Tgt Ion: 91 Resp: 4818  
 Ion Ratio Lower Upper  
 91 100  
 106 32.5 24.1 36.1





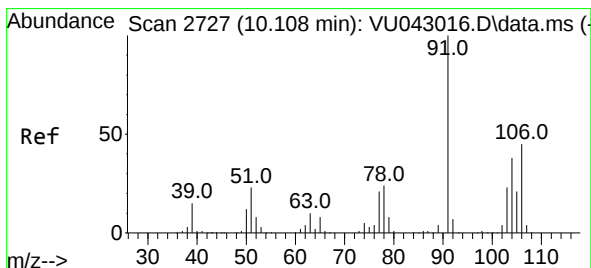
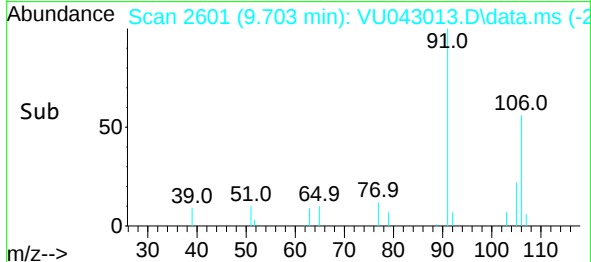
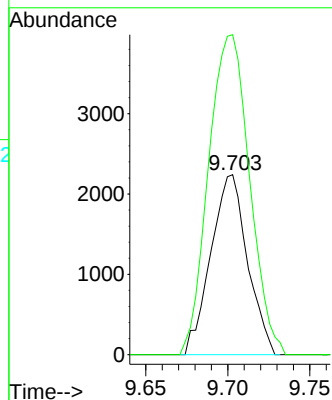
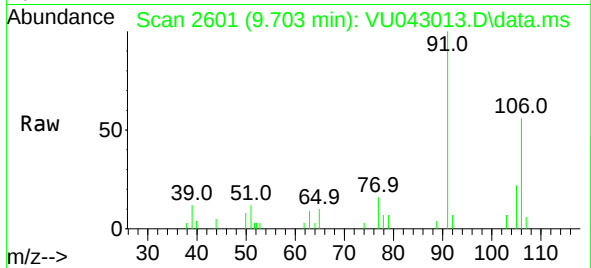
#68  
m/p-Xylenes  
Concen: 1.55 ug/l  
RT: 9.703 min Scan# 2601  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion:106 Resp: 3472  
Ion Ratio Lower Upper  
106 100  
91 199.3 169.9 254.9

Instrument :  
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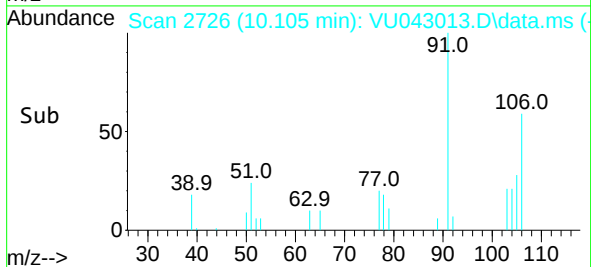
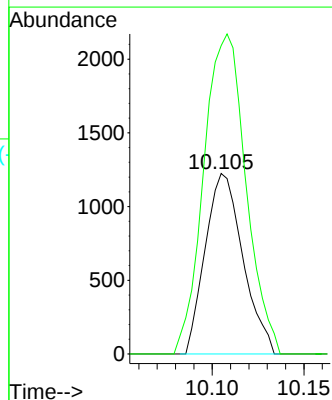
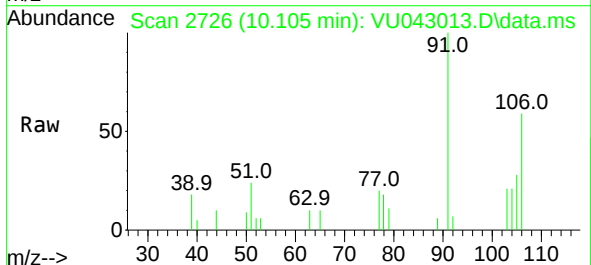
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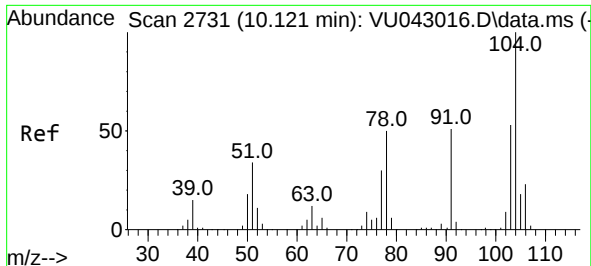
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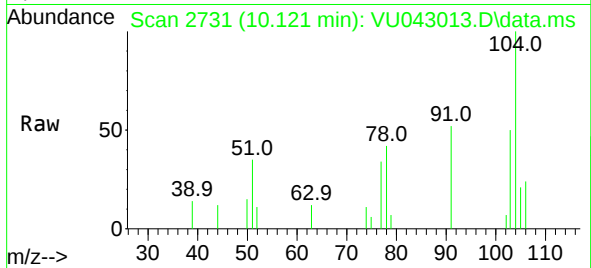
#69  
o-Xylene  
Concen: 0.80 ug/l  
RT: 10.105 min Scan# 2726  
Delta R.T. -0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion:106 Resp: 1745  
Ion Ratio Lower Upper  
106 100  
91 198.5 111.2 333.6

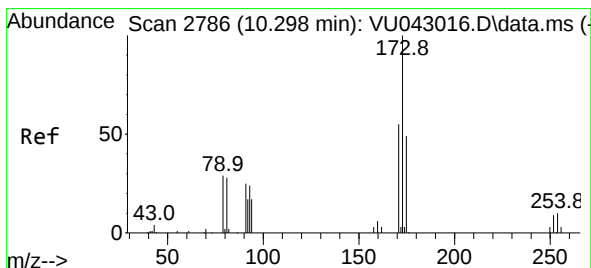
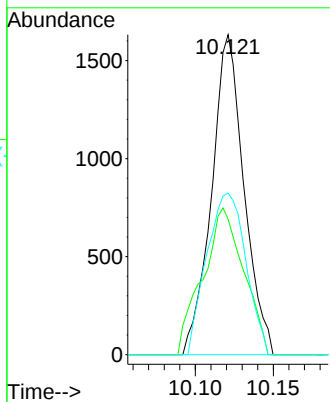
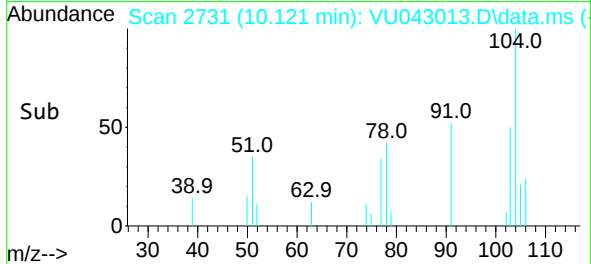




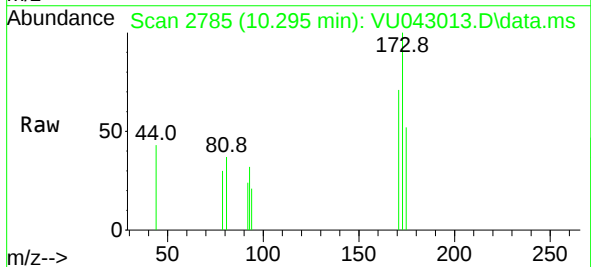
#70  
Styrene  
Concen: 0.64 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



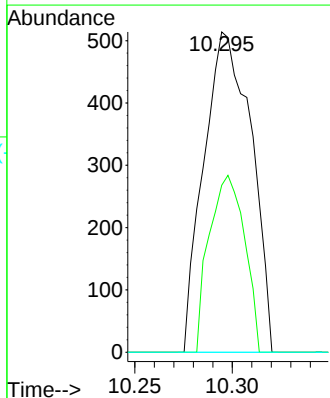
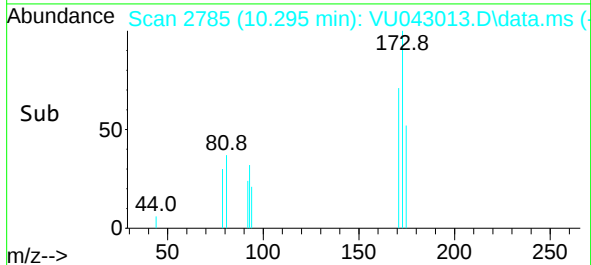
Tgt Ion:104 Resp: 2358  
Ion Ratio Lower Upper  
104 100  
78 58.1 44.8 67.2  
103 61.1 45.7 68.5



#71  
Bromoform  
Concen: 0.70 ug/l  
RT: 10.295 min Scan# 2785  
Delta R.T. -0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



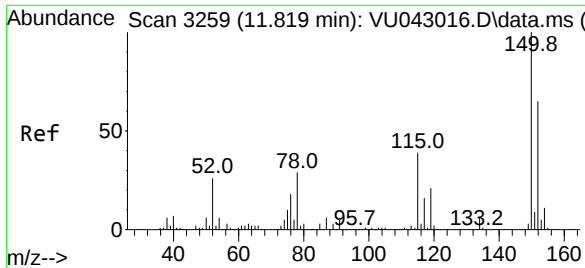
Tgt Ion:173 Resp: 868  
Ion Ratio Lower Upper  
173 100  
175 41.2 23.8 71.2  
254 0.0 0.0 0.0



Instrument :  
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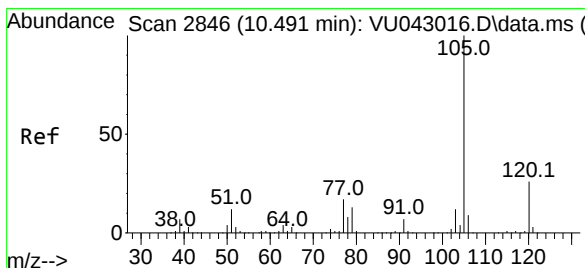
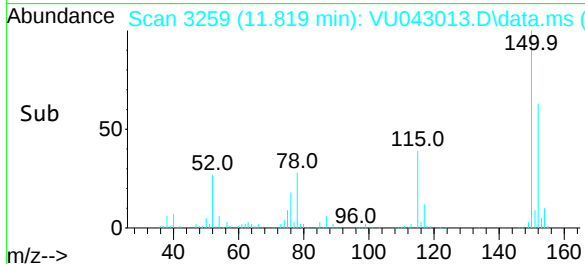
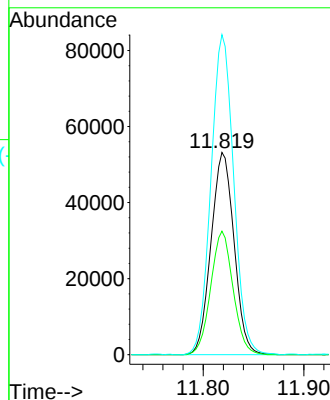
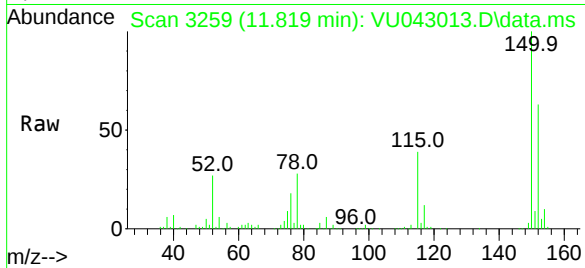
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion:152 Resp: 84549  
Ion Ratio Lower Upper  
152 100  
115 59.3 41.5 124.6  
150 156.4 0.0 342.4

Instrument :  
MSVOA\_U  
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VSTDIC001

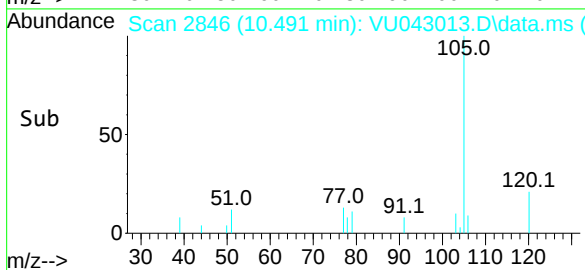
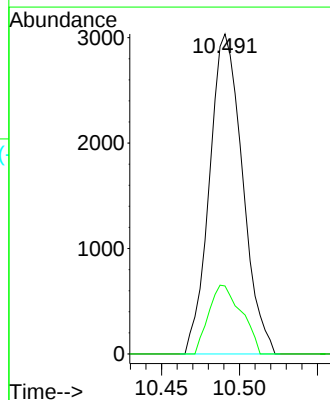
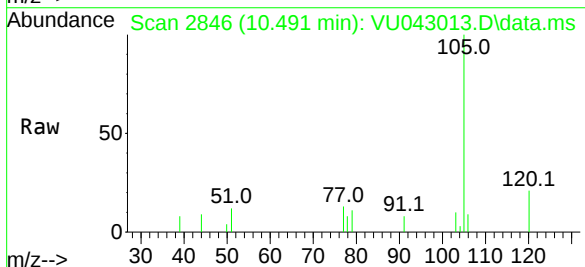
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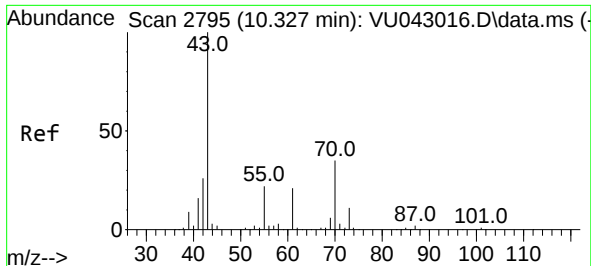
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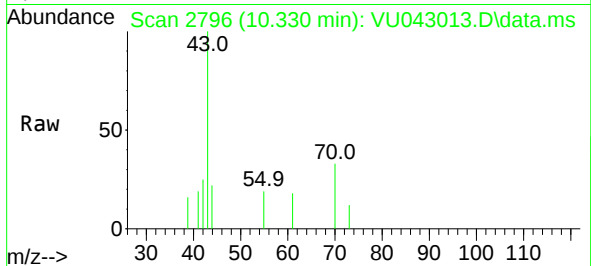
#73  
Isopropylbenzene  
Concen: 0.79 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion:105 Resp: 4475  
Ion Ratio Lower Upper  
105 100  
120 21.3 13.1 39.3

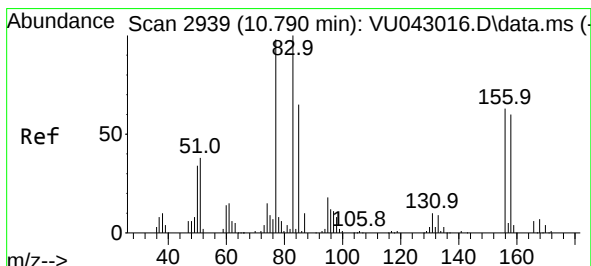
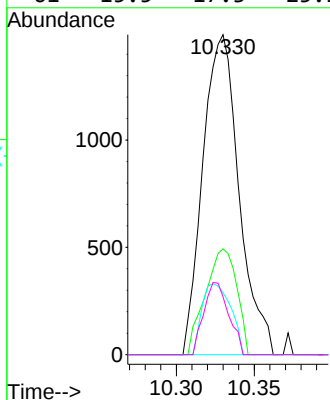
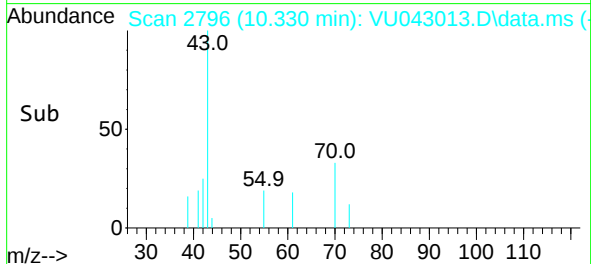




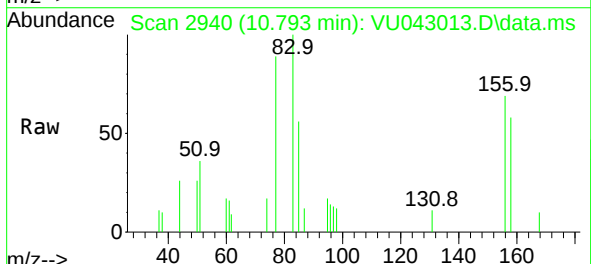
#74  
N-amy1 acetate  
Concen: 0.74 ug/l  
RT: 10.330 min Scan# 2796  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



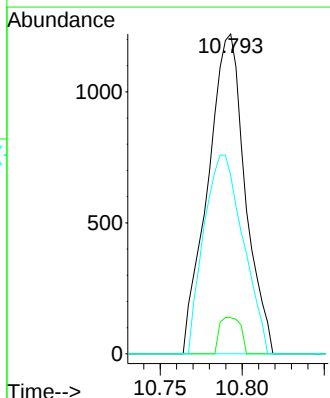
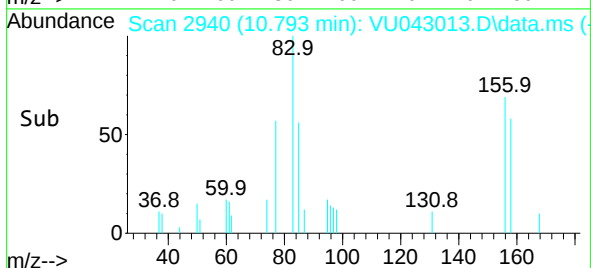
| Tgt Ion:  | 43   | Resp: | 2406  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 70        | 28.6 | 28.3  | 42.5  |
| 55        | 17.6 | 17.2  | 25.8  |
| 61        | 15.5 | 17.3  | 25.9# |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.88 ug/l  
RT: 10.793 min Scan# 2940  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



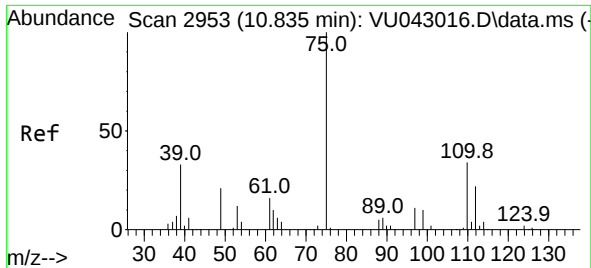
| Tgt Ion:  | 83   | Resp: | 1930  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 131       | 6.4  | 5.1   | 15.2  |
| 85        | 65.2 | 31.7  | 95.1  |



Instrument :  
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ClientSampleId :  
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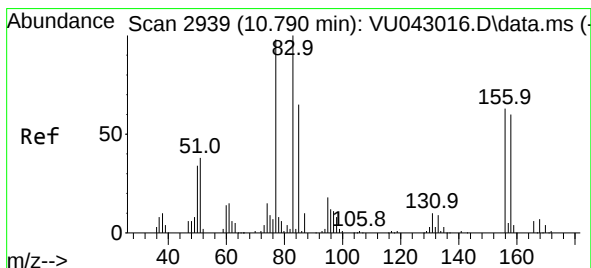
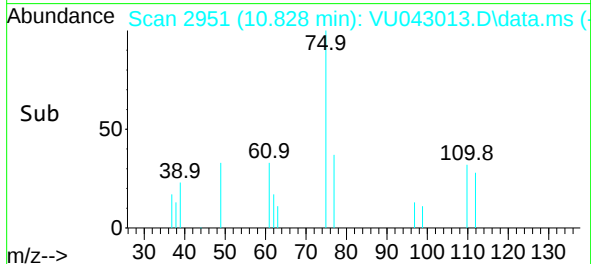
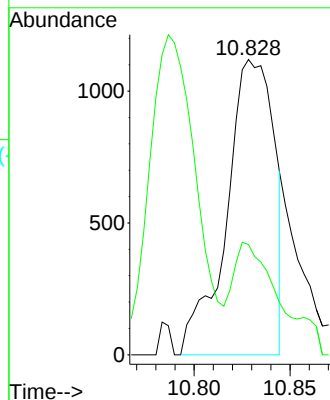
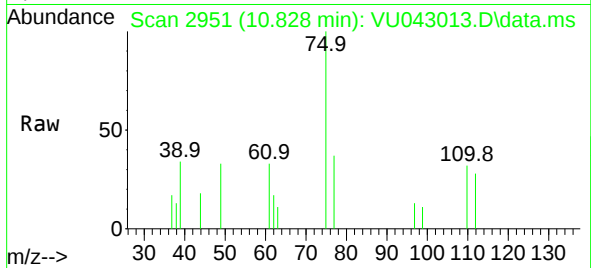
#76  
1,2,3-Trichloropropane  
Concen: 0.90 ug/l m  
RT: 10.828 min Scan# 2951  
Delta R.T. -0.007 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 75 Resp: 1936  
Ion Ratio Lower Upper  
75 100  
77 37.4 20.2 60.5

Instrument :  
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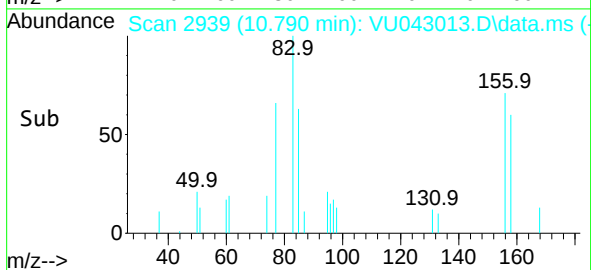
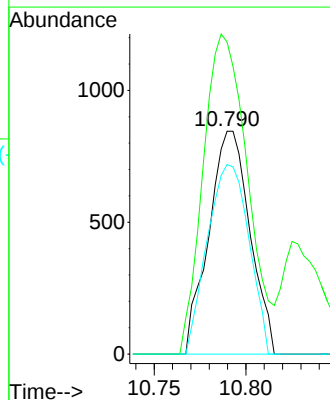
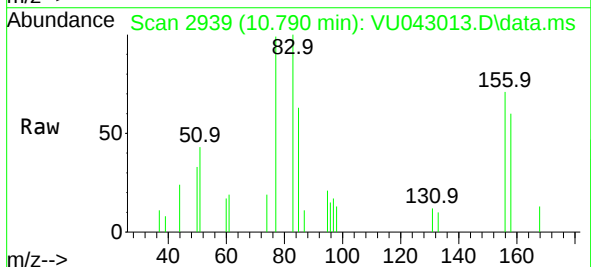
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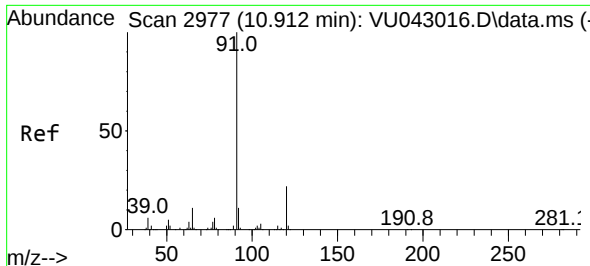
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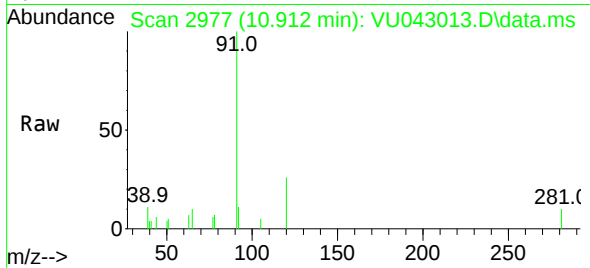
#77  
Bromobenzene  
Concen: 0.87 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 156 Resp: 1318  
Ion Ratio Lower Upper  
156 100  
77 155.2 79.3 238.1  
158 85.9 48.3 144.9

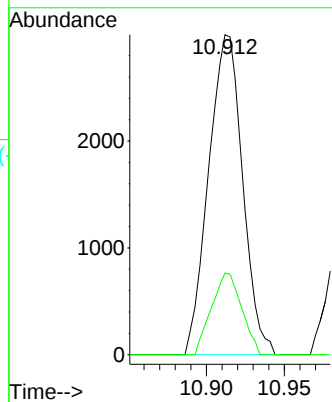
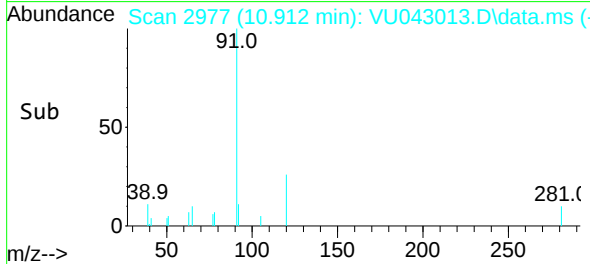




#78  
n-propylbenzene  
Concen: 0.69 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



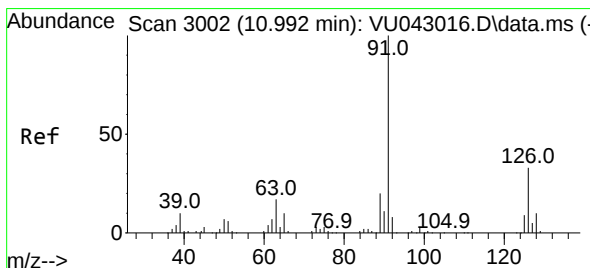
Tgt Ion: 91 Resp: 4541  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.2 33.6



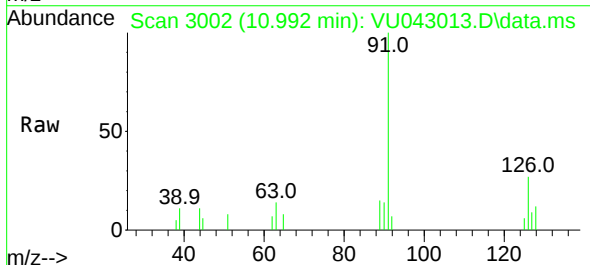
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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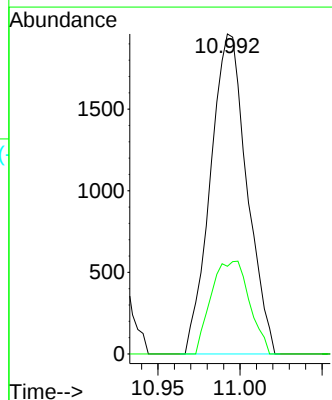
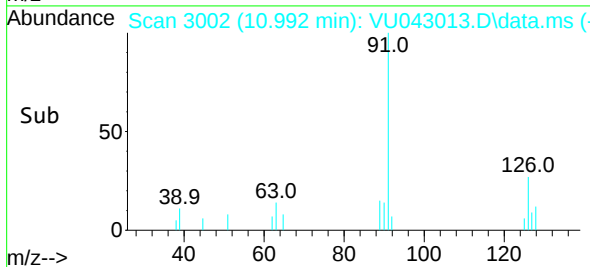
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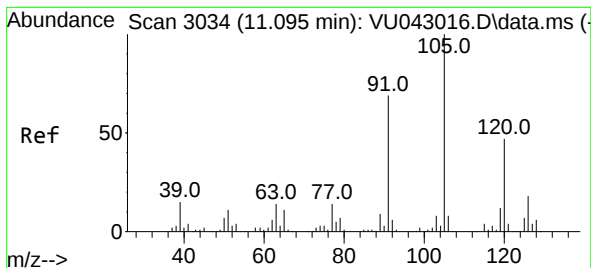


#79  
2-Chlorotoluene  
Concen: 0.75 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



Tgt Ion: 91 Resp: 3024  
Ion Ratio Lower Upper  
91 100  
126 30.3 16.7 50.0





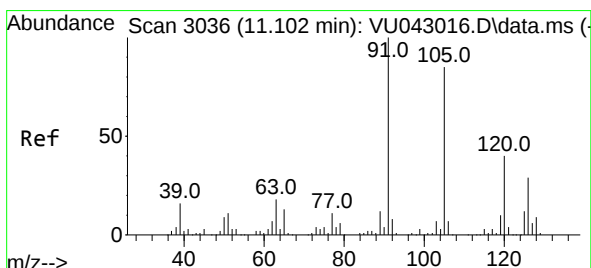
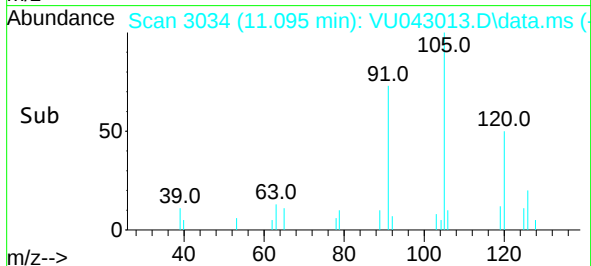
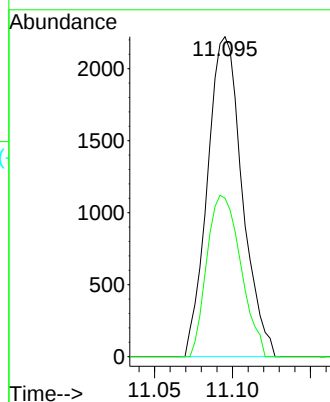
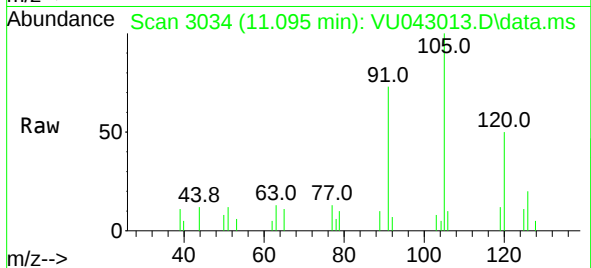
#80  
1,3,5-Trimethylbenzene  
Concen: 0.70 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 105 Resp: 3442  
Ion Ratio Lower Upper  
105 100  
120 49.1 23.8 71.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

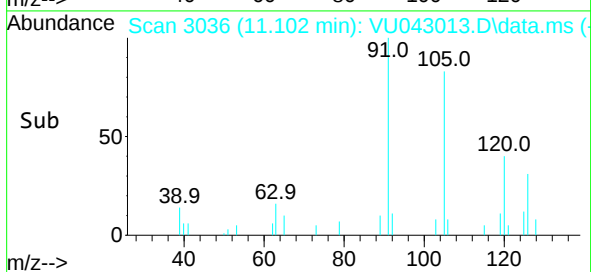
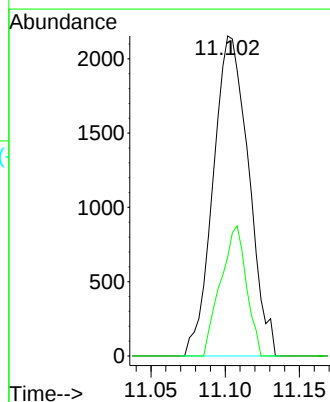
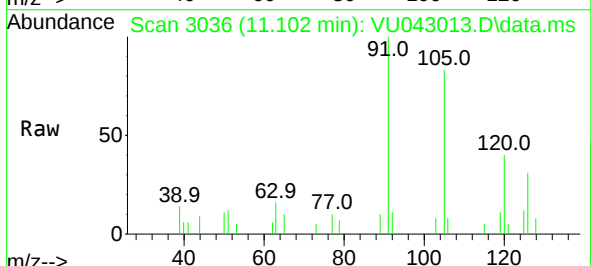
Manual Integrations  
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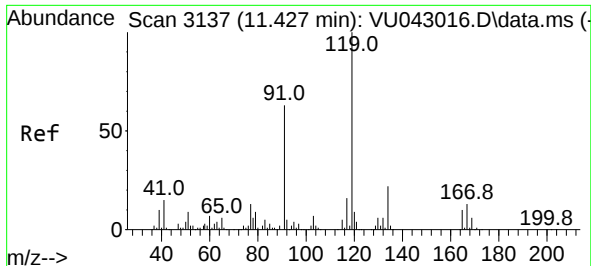
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 0.76 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 91 Resp: 3570  
Ion Ratio Lower Upper  
91 100  
126 29.5 14.6 44.0





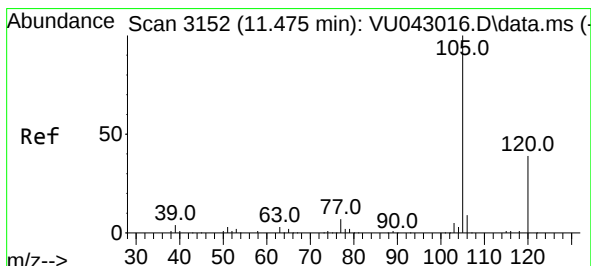
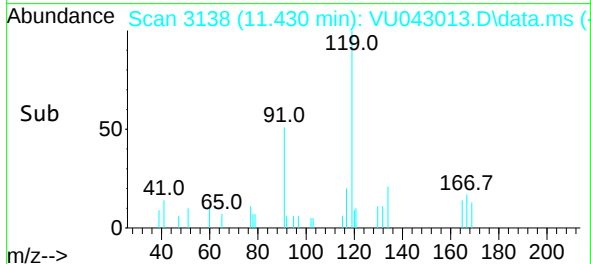
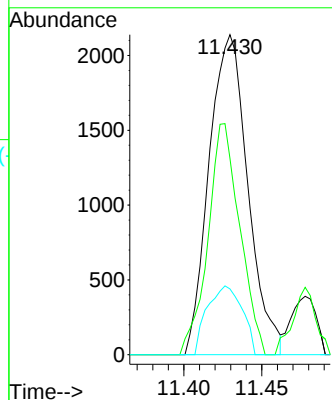
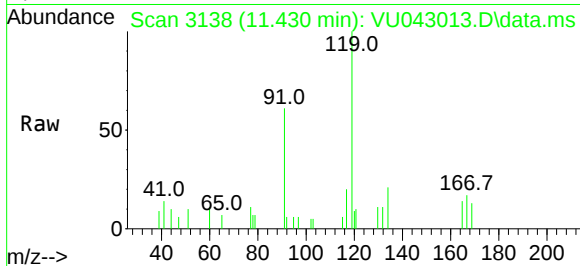
#83  
tert-Butylbenzene  
Concen: 0.79 ug/l  
RT: 11.430 min Scan# 3138  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion:119 Resp: 3706  
Ion Ratio Lower Upper  
119 100  
91 59.3 30.3 90.9  
134 19.3 11.4 34.1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

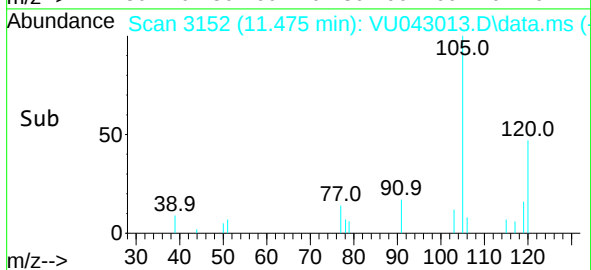
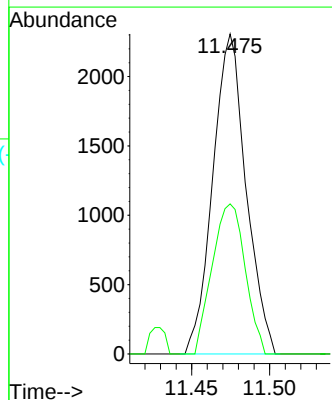
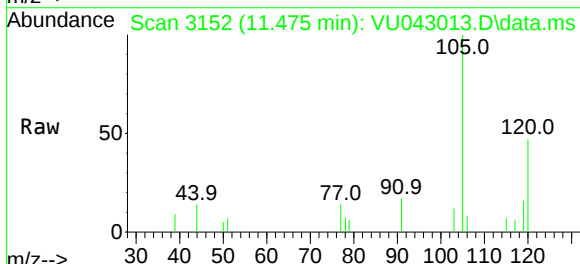
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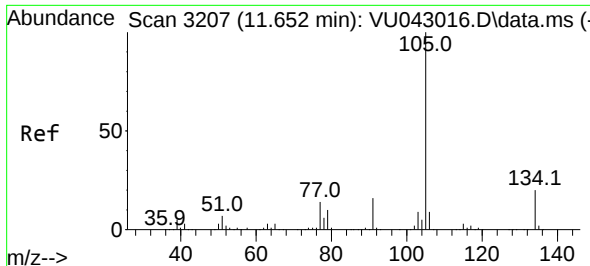
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#84  
1,2,4-Trimethylbenzene  
Concen: 0.70 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion:105 Resp: 3418  
Ion Ratio Lower Upper  
105 100  
120 46.4 22.3 66.8





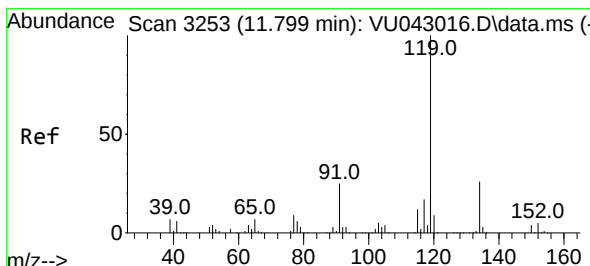
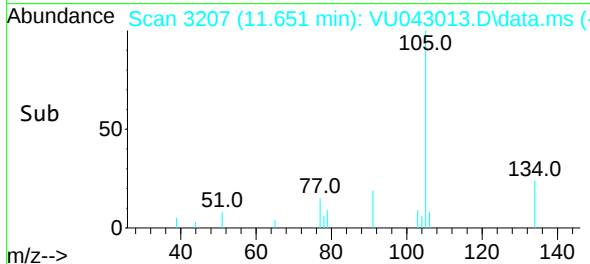
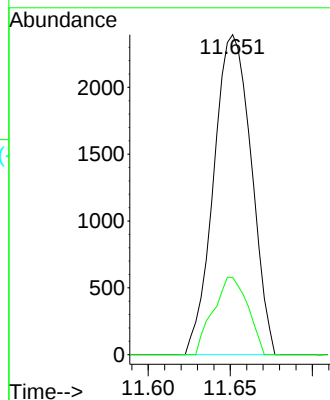
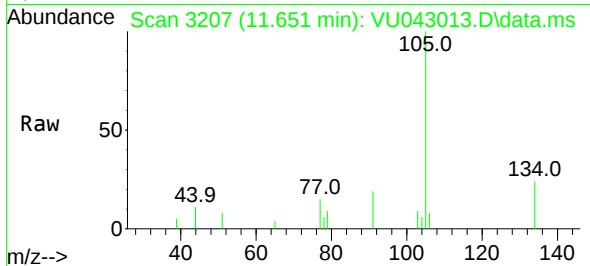
#85  
 sec-Butylbenzene  
 Concen: 0.69 ug/l  
 RT: 11.651 min Scan# 3207  
 Delta R.T. -0.000 min  
 Lab File: VU043013.D  
 Acq: 12 Apr 2021 10:09

Tgt Ion:105 Resp: 3813  
 Ion Ratio Lower Upper  
 105 100  
 134 22.1 10.0 30.0

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

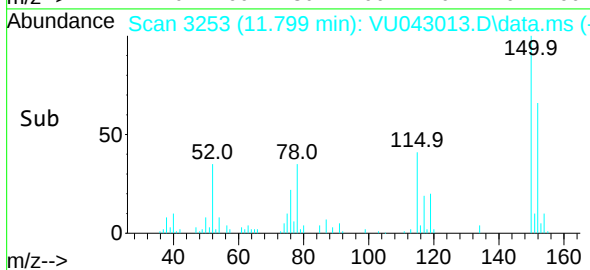
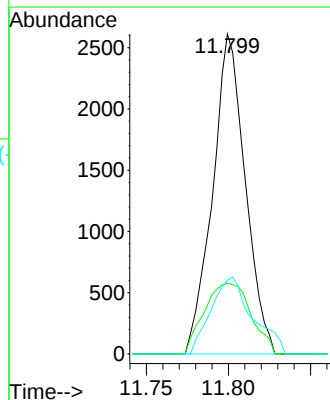
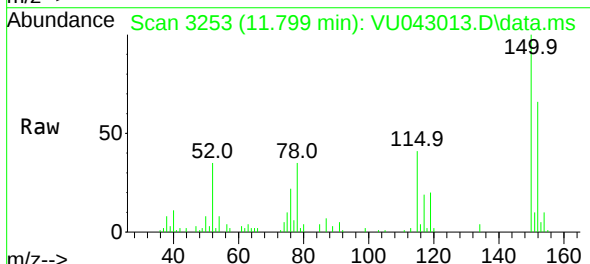
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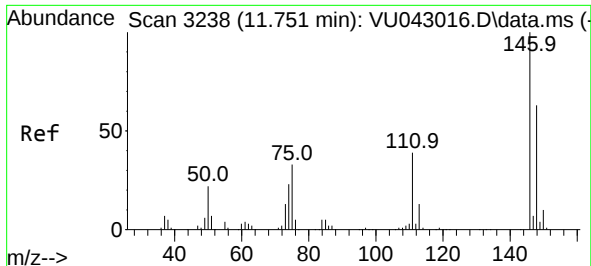
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#86  
 p-Isopropyltoluene  
 Concen: 0.70 ug/l  
 RT: 11.799 min Scan# 3253  
 Delta R.T. -0.000 min  
 Lab File: VU043013.D  
 Acq: 12 Apr 2021 10:09

Tgt Ion:119 Resp: 3606  
 Ion Ratio Lower Upper  
 119 100  
 134 31.5 13.2 39.6  
 91 30.5 12.8 38.3





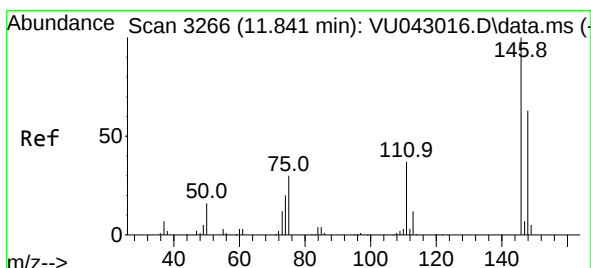
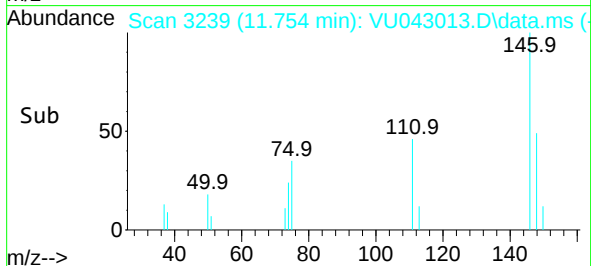
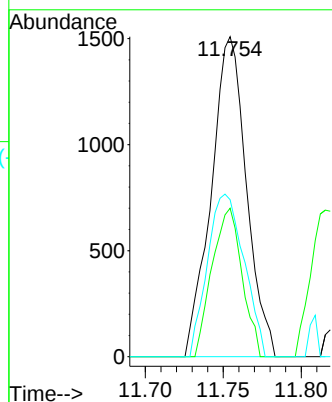
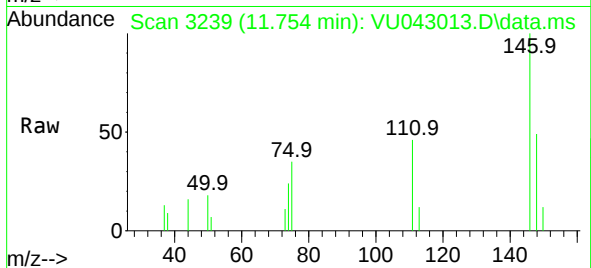
#87  
1,3-Dichlorobenzene  
Concen: 0.90 ug/l  
RT: 11.754 min Scan# 3239  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion:146 Resp: 2369  
Ion Ratio Lower Upper  
146 100  
111 39.5 19.9 59.6  
148 52.8 32.0 96.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

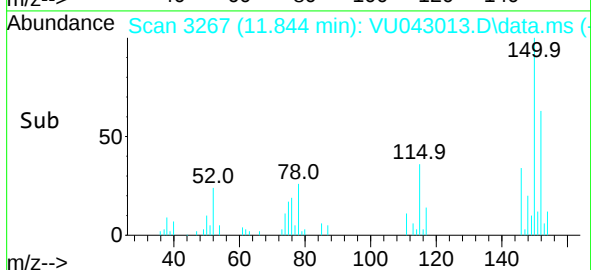
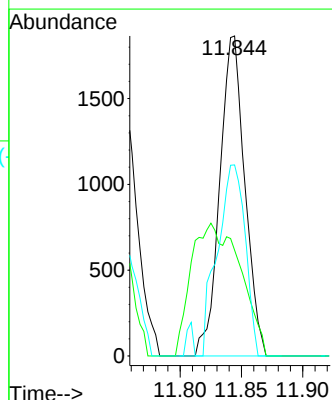
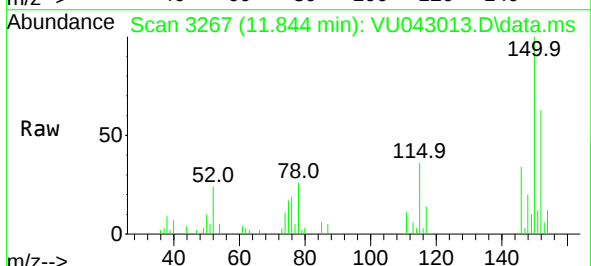
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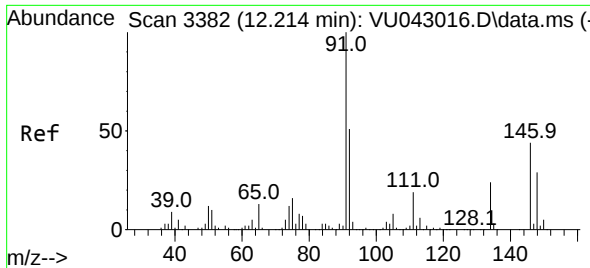
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#88  
1,4-Dichlorobenzene  
Concen: 0.98 ug/l m  
RT: 11.844 min Scan# 3267  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion:146 Resp: 2652  
Ion Ratio Lower Upper  
146 100  
111 35.3 19.7 59.0  
148 47.2 32.8 98.3





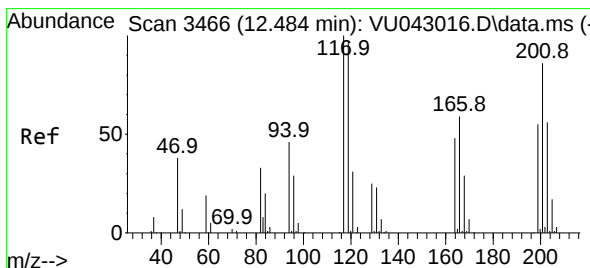
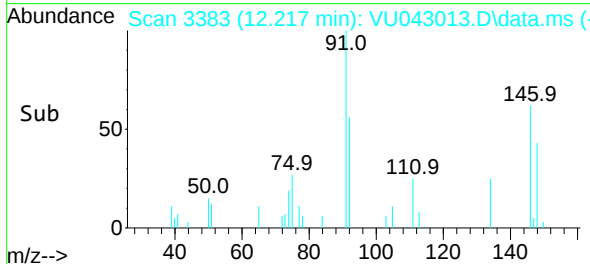
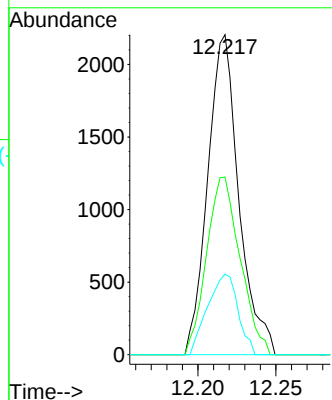
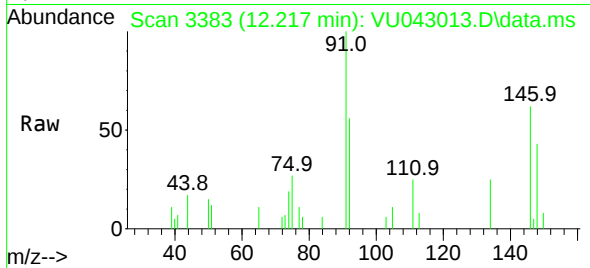
#89  
n-Butylbenzene  
Concen: 0.67 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 3070  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 59.8  | 26.2  | 78.6  |
| 134      | 24.5  | 12.7  | 38.1  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

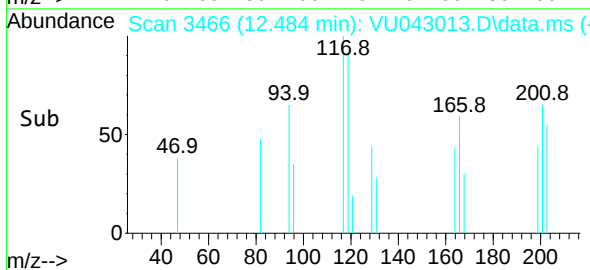
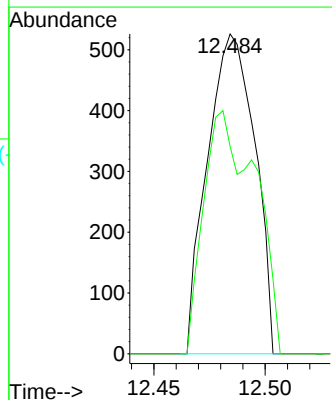
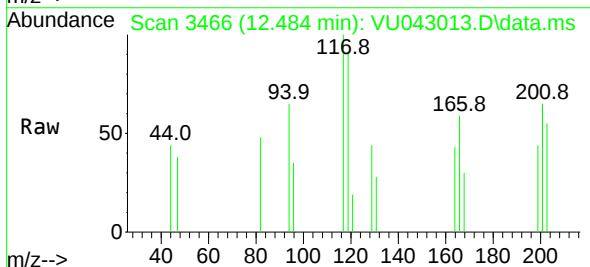
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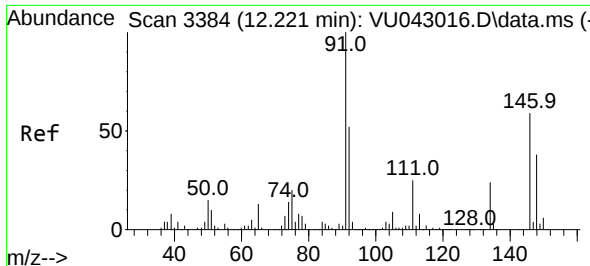
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#90  
Hexachloroethane  
Concen: 0.86 ug/l  
RT: 12.484 min Scan# 3466  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 778   |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 83.0  | 43.5  | 130.7 |





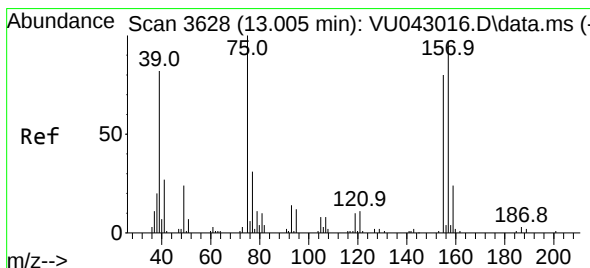
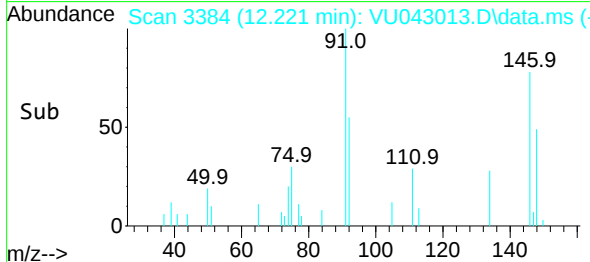
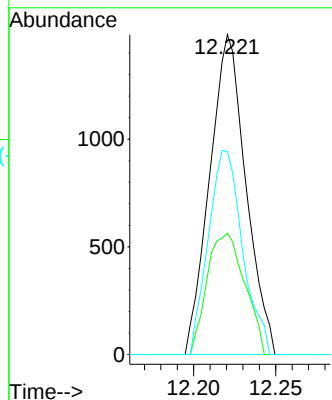
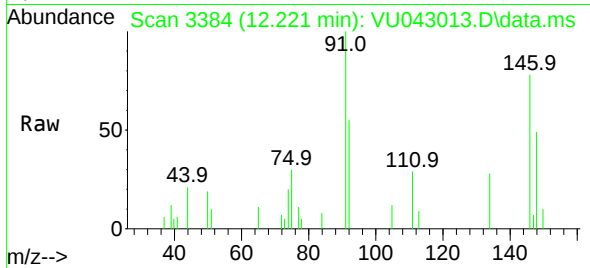
#91  
1,2-Dichlorobenzene  
Concen: 0.85 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. -0.000 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

Tgt Ion: 146 Resp: 2274  
Ion Ratio Lower Upper  
146 100  
111 39.4 20.8 62.4  
148 60.5 31.9 95.7

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

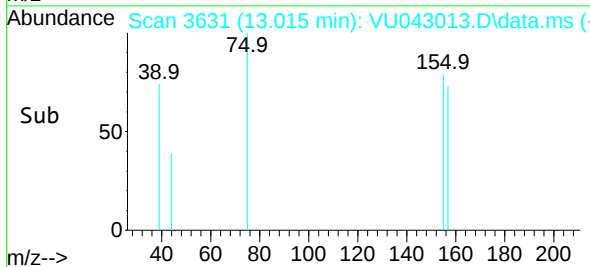
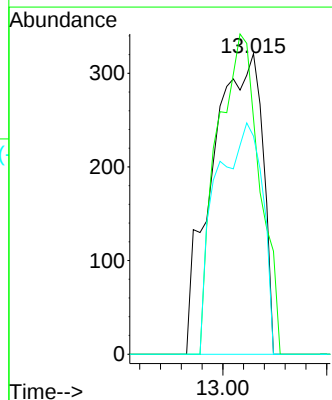
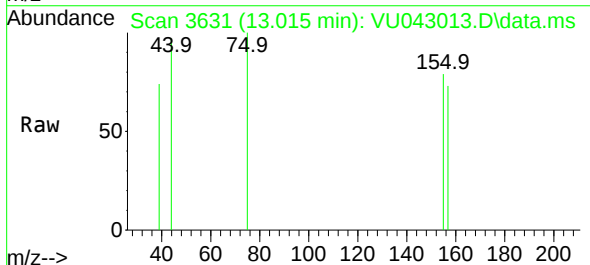
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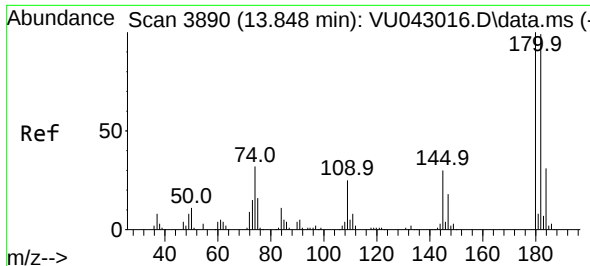
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.89 ug/l  
RT: 13.015 min Scan# 3631  
Delta R.T. 0.009 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

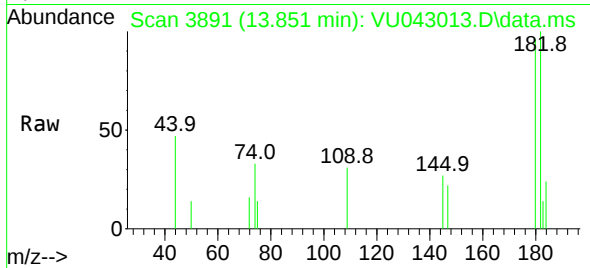
Tgt Ion: 75 Resp: 537  
Ion Ratio Lower Upper  
75 100  
155 90.3 41.7 125.1  
157 70.8 53.9 161.7





#93  
1,2,4-Trichlorobenzene  
Concen: 0.74 ug/l  
RT: 13.851 min Scan# 3891  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

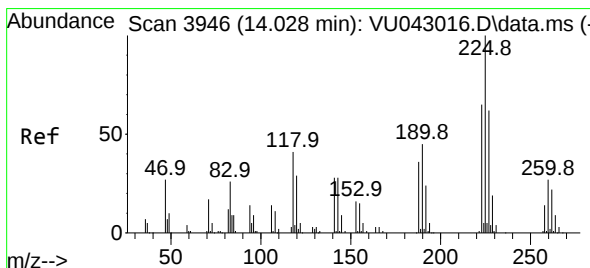
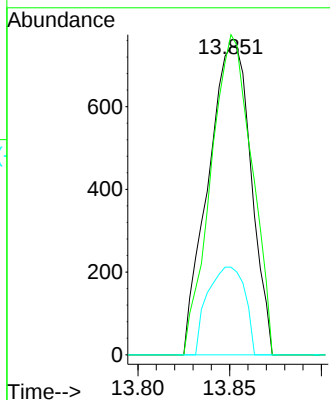
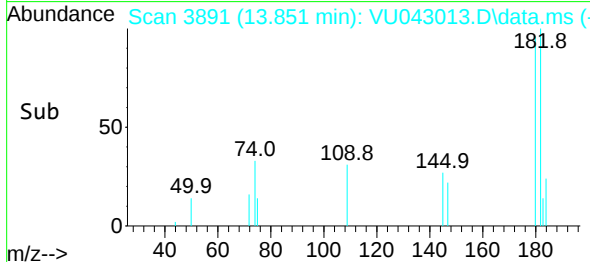
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MSVOA\_U  
ClientSampleId :  
VSTDIC001



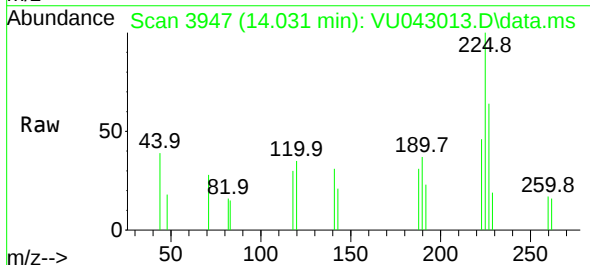
Tgt Ion:180 Resp: 1221  
Ion Ratio Lower Upper  
180 100  
182 98.4 46.9 140.8  
145 24.3 14.4 43.4

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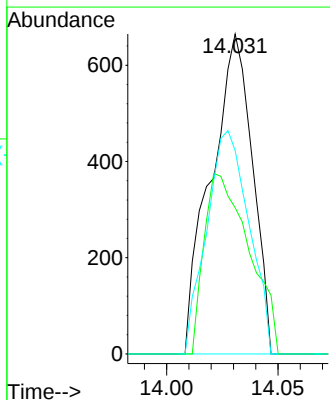
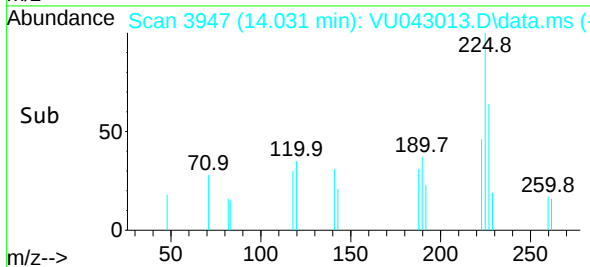
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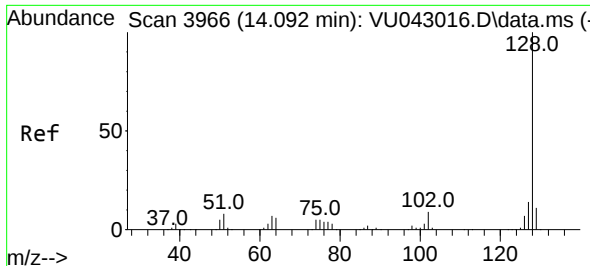


#94  
Hexachlorobutadiene  
Concen: 0.93 ug/l  
RT: 14.031 min Scan# 3947  
Delta R.T. 0.003 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09

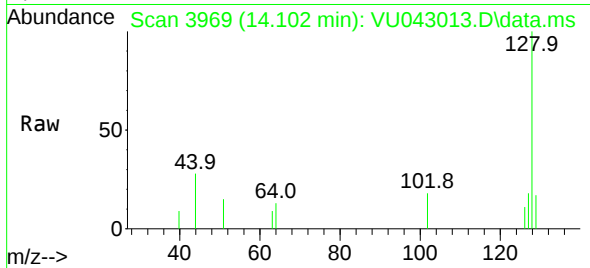


Tgt Ion:225 Resp: 863  
Ion Ratio Lower Upper  
225 100  
223 61.1 32.3 96.9  
227 71.0 31.8 95.4

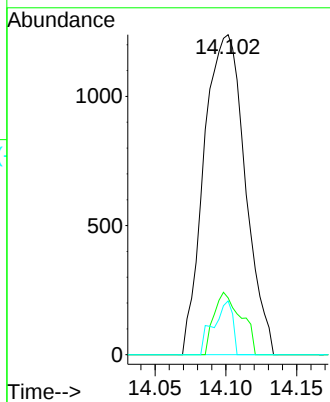
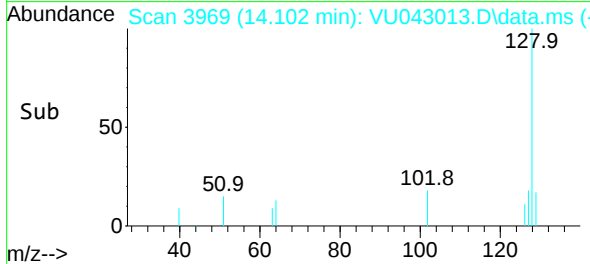




#95  
Naphthalene  
Concen: 0.53 ug/l  
RT: 14.102 min Scan# 3969  
Delta R.T. 0.009 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



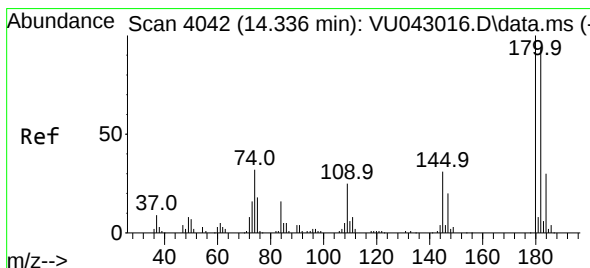
Tgt Ion:128 Resp: 2500  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.8 16.2  
129 7.9 8.6 13.0#



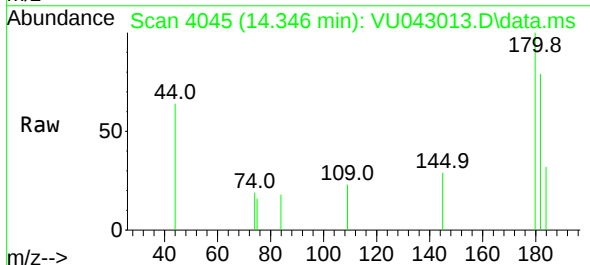
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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#96  
1,2,3-Trichlorobenzene  
Concen: 0.69 ug/l  
RT: 14.346 min Scan# 4045  
Delta R.T. 0.010 min  
Lab File: VU043013.D  
Acq: 12 Apr 2021 10:09



Tgt Ion:180 Resp: 1116  
Ion Ratio Lower Upper  
180 100  
182 94.8 48.0 144.0  
145 19.3 15.5 46.5

