

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060921\  
 Data File : VU044132.D  
 Acq On : 09 Jun 2021 10:56  
 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  
 6/10/2021 12:56:10 PM

Quant Time: Jun 10 04:46:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 04:45:43 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|------------------------------|--------|------|----------|--------|--------|----------|
| -----                        |        |      |          |        |        |          |
| Internal Standards           |        |      |          |        |        |          |
| 1) Pentafluorobenzene        | 5.385  | 168  | 143877   | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.260  | 114  | 264186   | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.423  | 117  | 251916   | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.819 | 152  | 122565   | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds  |        |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 0.000  | 65   | 0d       | 0.000  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =      | 0.000% |          |
| 35) Dibromofluoromethane     | 0.000  | 113  | 0d       | 0.000  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =      | 0.000% |          |
| 50) Toluene-d8               | 0.000  | 98   | 0d       | 0.000  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =      | 0.000% |          |
| 62) 4-Bromofluorobenzene     | 0.000  | 95   | 0d       | 0.000  | ug/l   |          |
| Spiked Amount                | 50.000 |      | Recovery | =      | 0.000% |          |
| Target Compounds             |        |      |          |        |        |          |
|                              |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 2103     | 1.341  | ug/l   | 95       |
| 3) Chloromethane             | 1.523  | 50   | 3848     | 2.027  | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.610  | 62   | 2796     | 1.610  | ug/l # | 83       |
| 6) Chloroethane              | 1.938  | 64   | 2074     | 1.608  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 2.147  | 101  | 3323     | 1.201  | ug/l   | 92       |
| 8) Diethyl Ether             | 2.388  | 74   | 1325     | 1.431  | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.591  | 101  | 1955     | 1.337  | ug/l   | 92       |
| 12) 1,1-Dichloroethene       | 2.591  | 96   | 2103     | 1.498  | ug/l   | 95       |
| 14) Allyl chloride           | 2.932  | 41   | 3713     | 1.133  | ug/l   | 96       |
| 15) Acrylonitrile            | 3.324  | 53   | 6573     | 4.915  | ug/l   | 95       |
| 16) Acetone                  | 2.636  | 43   | 9408     | 6.334  | ug/l   | 93       |
| 17) Carbon Disulfide         | 2.803  | 76   | 6945     | 1.592  | ug/l   | 96       |
| 18) Methyl Acetate           | 2.961  | 43   | 3116     | 1.030  | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.379  | 73   | 5415     | 1.013  | ug/l   | 96       |
| 20) Methylene Chloride       | 3.054  | 84   | 3061     | 1.704  | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 3.366  | 96   | 2111     | 1.292  | ug/l   | 96       |
| 22) Diisopropyl ether        | 4.009  | 45   | 5686     | 0.922  | ug/l # | 76       |
| 23) Vinyl Acetate            | 3.967  | 43   | 25853    | 4.345  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.883  | 63   | 4211     | 1.298  | ug/l # | 95       |
| 25) 2-Butanone               | 4.716  | 43   | 10395    | 4.841  | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 4.674  | 77   | 3332     | 1.198  | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 4.681  | 96   | 2370     | 1.290  | ug/l   | 95       |
| 28) Bromochloromethane       | 4.986  | 49   | 2019     | 1.226  | ug/l # | 96       |
| 29) Tetrahydrofuran          | 5.064  | 42   | 5347     | 4.012  | ug/l   | 94       |
| 30) Chloroform               | 5.102  | 83   | 4188     | 1.239  | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 5.327  | 97   | 3475     | 1.176  | ug/l # | 53       |
| 36) 1,1-Dichloropropene      | 5.536  | 75   | 3140     | 1.120  | ug/l   | 93       |
| 37) Ethyl Acetate            | 4.822  | 43   | 3788     | 0.822  | ug/l # | 85       |
| 38) Carbon Tetrachloride     | 5.533  | 117  | 2709     | 0.926  | ug/l   | 89       |
| 39) Methylcyclohexane        | 6.774  | 83   | 3216     | 1.047  | ug/l   | 88       |
| 40) Benzene                  | 5.784  | 78   | 8988     | 1.111  | ug/l   | 92       |
| 41) Methacrylonitrile        | 4.990  | 41   | 1663     | 0.687  | ug/l # | 70       |
| 42) 1,2-Dichloroethane       | 5.806  | 62   | 3307     | 0.959  | ug/l   | 93       |
| 43) Isopropyl Acetate        | 5.922  | 43   | 4674     | 0.716  | ug/l # | 95       |
| 44) Trichloroethene          | 6.549  | 130  | 2071     | 1.028  | ug/l   | 97       |
| 45) 1,2-Dichloropropane      | 6.800  | 63   | 2600     | 1.167  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060921\  
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 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

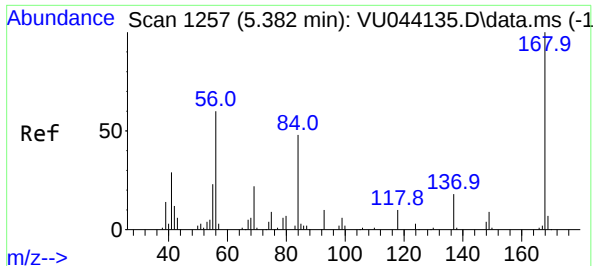
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 6/10/2021 12:56:10 PM

Quant Time: Jun 10 04:46:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 04:45:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) Dibromomethane            | 6.925  | 93   | 1670     | 1.072  | ug/l   | 90       |
| 47) Bromodichloromethane      | 7.115  | 83   | 3131     | 1.018  | ug/l   | 100      |
| 48) Methyl methacrylate       | 6.967  | 41   | 2251     | 0.690  | ug/l   | 87       |
| 49) 1,4-Dioxane               | 6.977  | 88   | 1103     | 16.380 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 7.800  | 43   | 16086    | 3.335  | ug/l   | 95       |
| 52) Toluene                   | 7.977  | 92   | 4707     | 0.944  | ug/l   | 93       |
| 53) t-1,3-Dichloropropene     | 8.218  | 75   | 3061     | 0.897  | ug/l # | 85       |
| 54) cis-1,3-Dichloropropene   | 7.616  | 75   | 3290     | 0.939  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 8.404  | 97   | 2182     | 1.025  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 8.340  | 69   | 2591     | 0.746  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 8.584  | 76   | 3773     | 1.022  | ug/l   | 93       |
| 58) 2-Chloroethyl Vinyl ether | 7.472  | 63   | 3590     | 3.013  | ug/l   | 95       |
| 59) 2-Hexanone                | 8.694  | 43   | 13149    | 3.343  | ug/l   | 88       |
| 60) Dibromochloromethane      | 8.819  | 129  | 1988     | 0.830  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 8.928  | 107  | 2279     | 0.965  | ug/l   | 95       |
| 64) Tetrachloroethene         | 8.559  | 164  | 1891     | 1.044  | ug/l   | 97       |
| 65) Chlorobenzene             | 9.452  | 112  | 5787     | 1.075  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 9.539  | 131  | 1944     | 0.960  | ug/l # | 62       |
| 67) Ethyl Benzene             | 9.578  | 91   | 8883     | 0.911  | ug/l   | 97       |
| 68) m/p-Xylenes               | 9.700  | 106  | 6314     | 1.747  | ug/l   | 94       |
| 69) o-Xylene                  | 10.108 | 106  | 2903     | 0.825  | ug/l   | 97       |
| 70) Styrene                   | 10.121 | 104  | 4945     | 0.832  | ug/l   | 94       |
| 71) Bromoform                 | 10.298 | 173  | 1432     | 0.700  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.491 | 105  | 7462     | 0.896  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.327 | 43   | 3685     | 0.727  | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 3942     | 1.101  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 10.832 | 75   | 4296     | 1.156  | ug/l   | 99       |
| 77) Bromobenzene              | 10.790 | 156  | 2295     | 1.011  | ug/l   | 96       |
| 78) n-propylbenzene           | 10.912 | 91   | 10739    | 1.069  | ug/l   | 91       |
| 79) 2-Chlorotoluene           | 10.993 | 91   | 6174     | 1.015  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 6068     | 0.828  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.105 | 91   | 7082     | 0.970  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.430 | 119  | 6276     | 0.877  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 5841     | 0.774  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.648 | 105  | 8032     | 0.939  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 11.800 | 119  | 6122     | 0.785  | ug/l   | 89       |
| 87) 1,3-Dichlorobenzene       | 11.755 | 146  | 4250     | 1.024  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 11.845 | 146  | 5170m    | 1.197  | ug/l   |          |
| 89) n-Butylbenzene            | 12.218 | 91   | 7791     | 1.064  | ug/l   | 93       |
| 90) Hexachloroethane          | 12.484 | 117  | 1137     | 0.805  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.221 | 146  | 4664     | 1.106  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.002 | 75   | 891      | 0.910  | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 2878     | 1.021  | ug/l   | 94       |
| 94) Hexachlorobutadiene       | 14.028 | 225  | 1373     | 0.902  | ug/l   | 95       |
| 95) Naphthalene               | 14.095 | 128  | 9320     | 1.087  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.340 | 180  | 2701     | 0.978  | ug/l   | 95       |

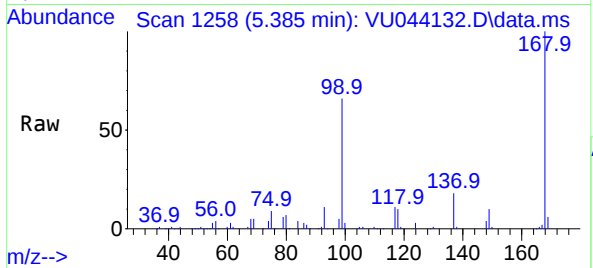
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

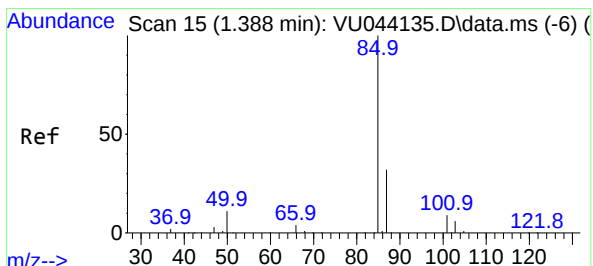
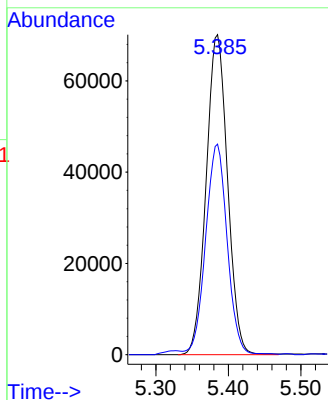
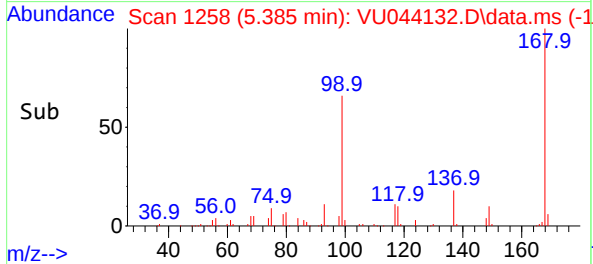
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001



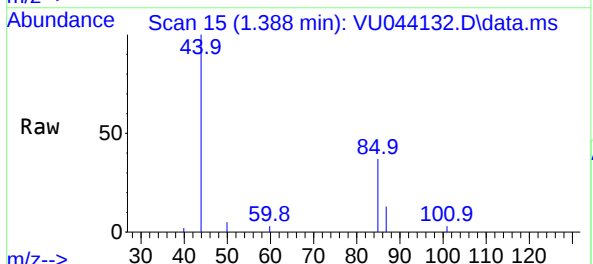
Tgt Ion:168 Resp: 143877  
Ion Ratio Lower Upper  
168 100  
99 65.6 51.3 76.9

Manual Integrations  
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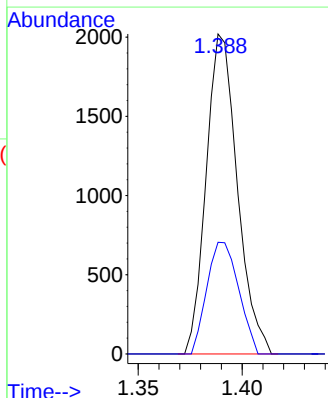
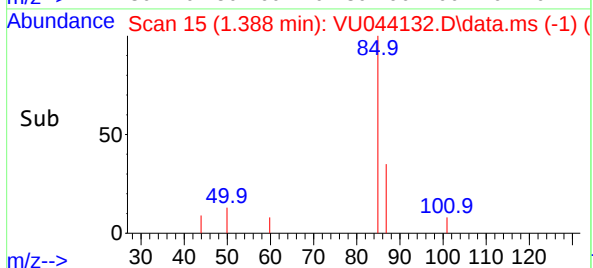
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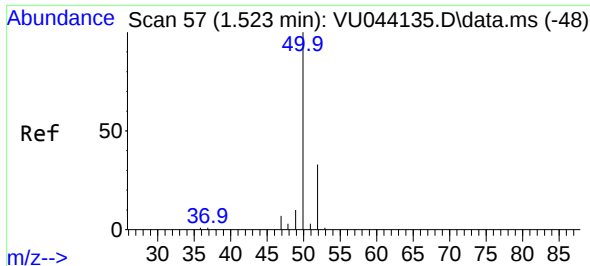


#2  
Dichlorodifluoromethane  
Concen: 1.341 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



Tgt Ion: 85 Resp: 2103  
Ion Ratio Lower Upper  
85 100  
87 34.9 16.2 48.5





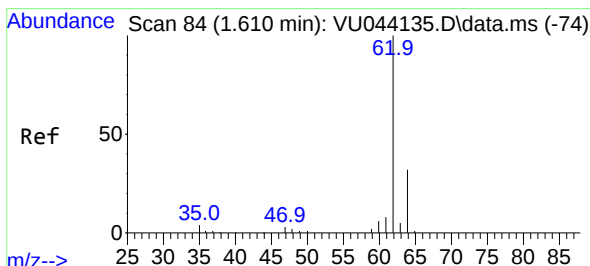
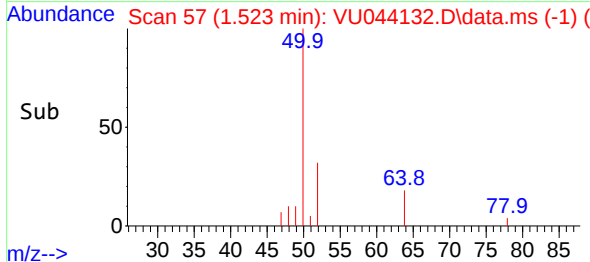
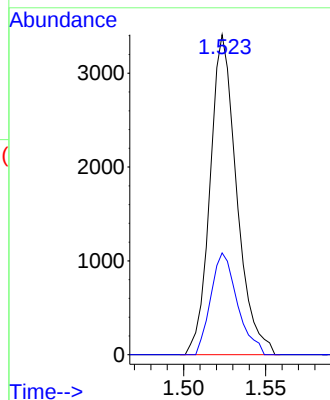
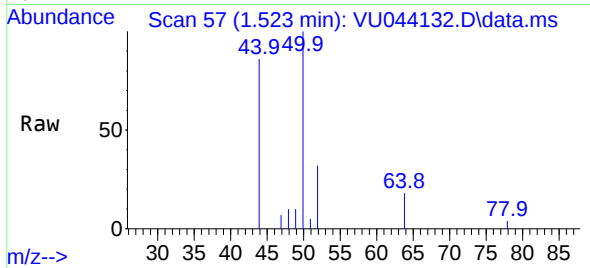
#3  
Chloromethane  
Concen: 2.027 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 50 Resp: 3848  
Ion Ratio Lower Upper  
50 100  
52 31.8 26.6 39.8

Instrument :  
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ClientSampleId :  
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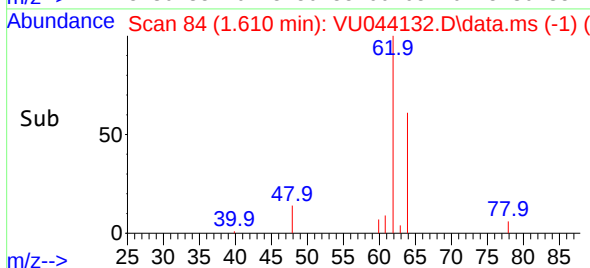
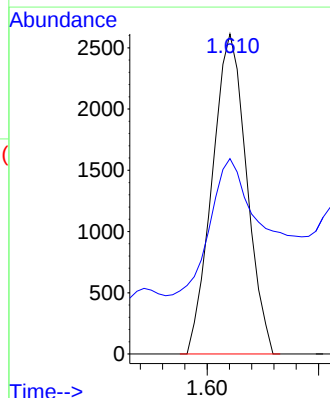
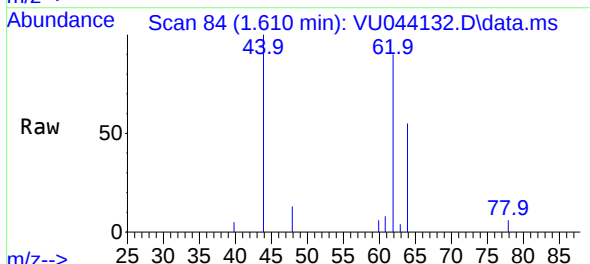
Manual Integrations  
APPROVED

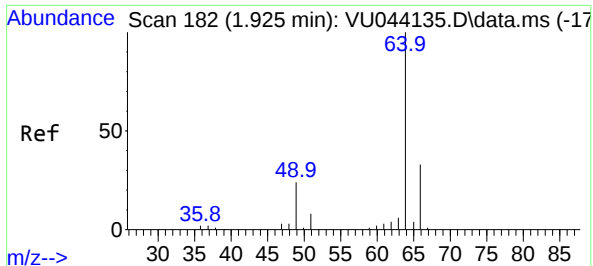
MMDadoda  
6/10/2021 12:56:10 PM



#4  
Vinyl Chloride  
Concen: 1.610 ug/l  
RT: 1.610 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

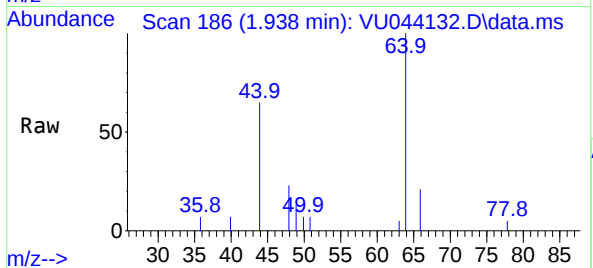
Tgt Ion: 62 Resp: 2796  
Ion Ratio Lower Upper  
62 100  
64 41.3 25.5 38.3#





#6  
Chloroethane  
Concen: 1.608 ug/l  
RT: 1.938 min Scan# 186  
Delta R.T. 0.013 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

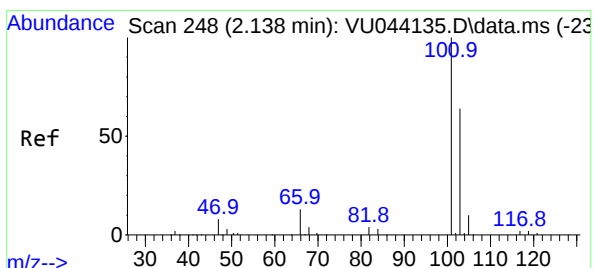
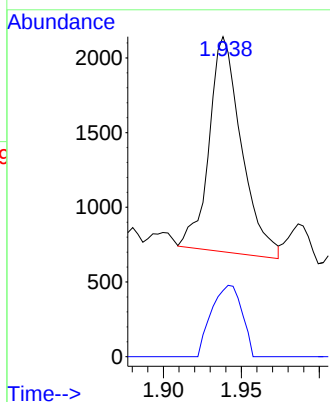
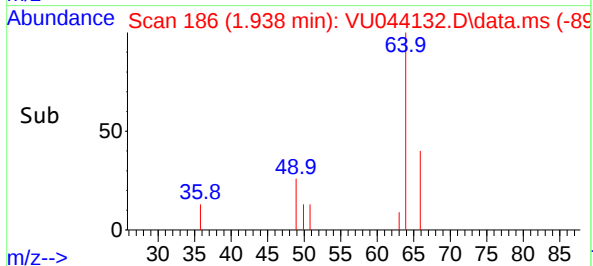
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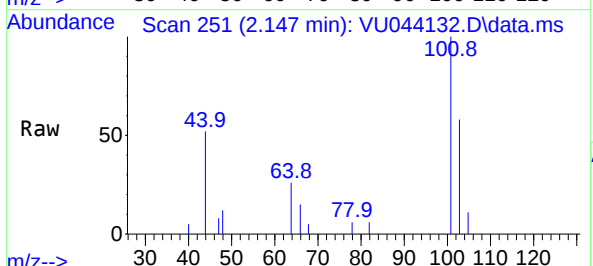
Tgt Ion: 64 Resp: 2074  
Ion Ratio Lower Upper  
64 100  
66 31.6 26.1 39.1

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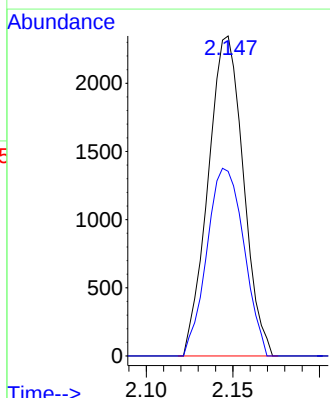
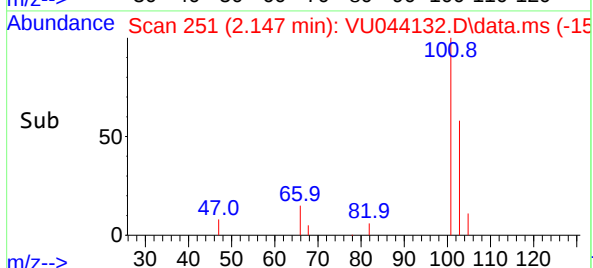
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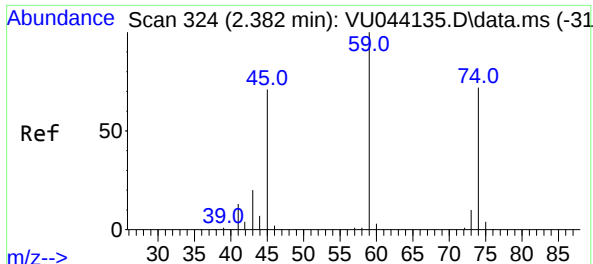


#7  
Trichlorofluoromethane  
Concen: 1.201 ug/l  
RT: 2.147 min Scan# 251  
Delta R.T. 0.010 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



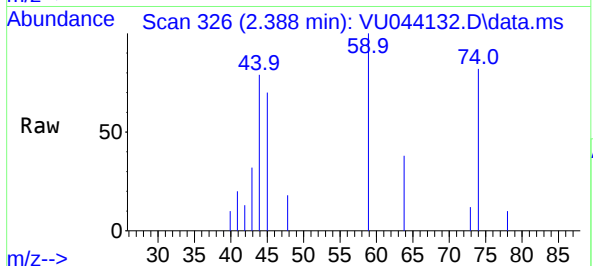
Tgt Ion: 101 Resp: 3323  
Ion Ratio Lower Upper  
101 100  
103 57.7 51.4 77.0





#8  
Diethyl Ether  
Concen: 1.431 ug/l  
RT: 2.388 min Scan# 326  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

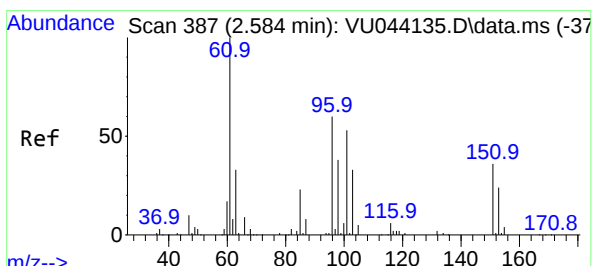
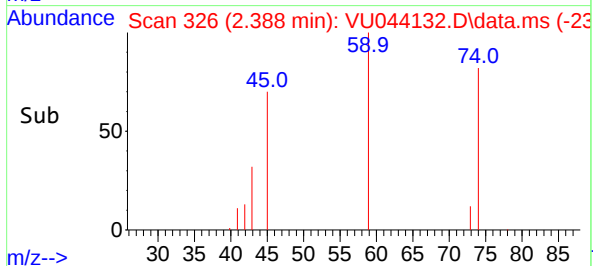
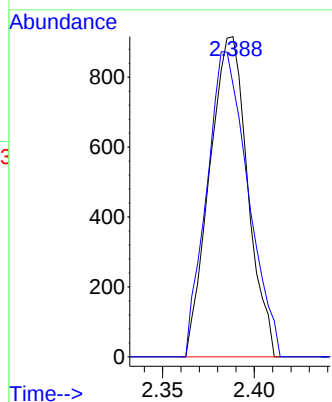
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001



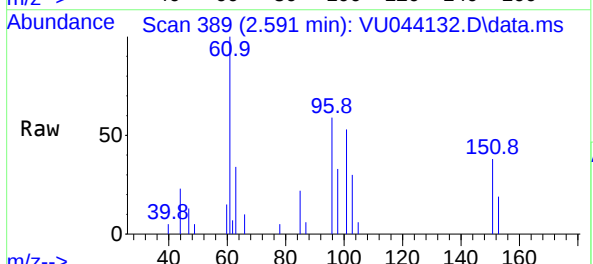
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Ion Ratio Lower Upper  
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Manual Integrations  
APPROVED

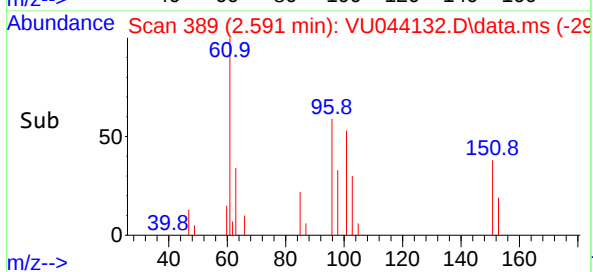
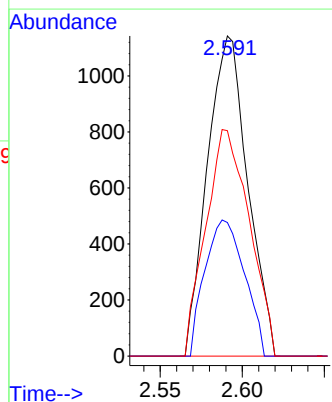
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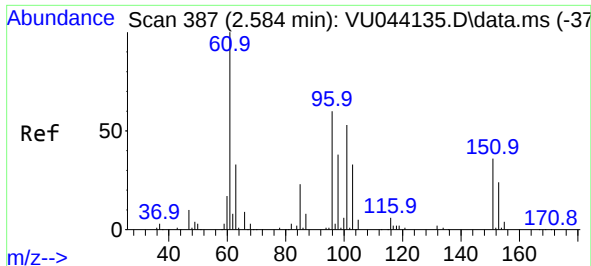


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.337 ug/l  
RT: 2.591 min Scan# 389  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



Tgt Ion: 101 Resp: 1955  
Ion Ratio Lower Upper  
101 100  
85 41.7 35.8 53.6  
151 76.4 55.0 82.4





#12

1,1-Dichloroethene

Concen: 1.498 ug/l

RT: 2.591 min Scan# 389

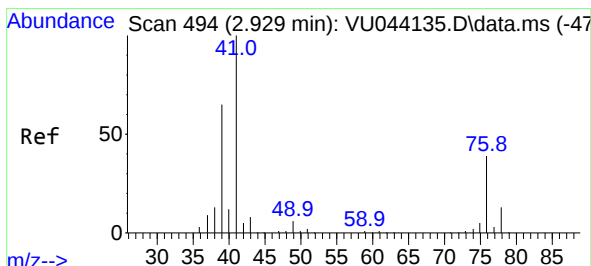
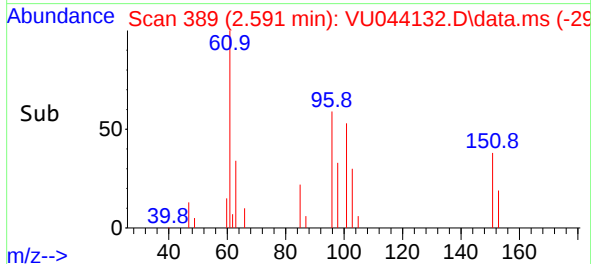
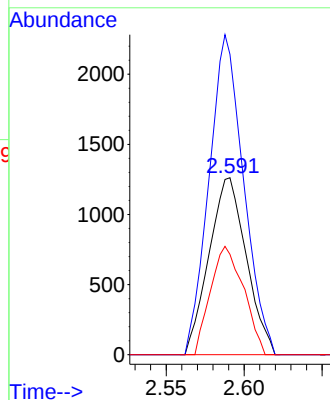
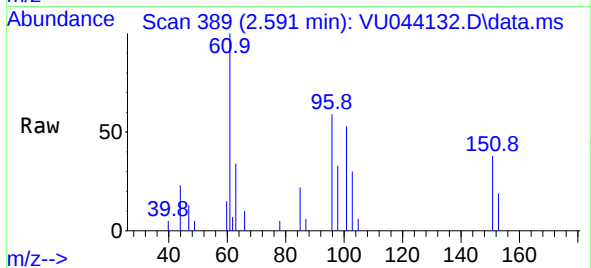
Delta R.T. 0.006 min

Lab File: VU044132.D

Acq: 09 Jun 2021 10:56

Tgt Ion: 96 Resp: 2103

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 169.7 | 132.4 | 198.6 |
| 98  | 56.7  | 50.5  | 75.7  |



#14

Allyl chloride

Concen: 1.133 ug/l

RT: 2.932 min Scan# 495

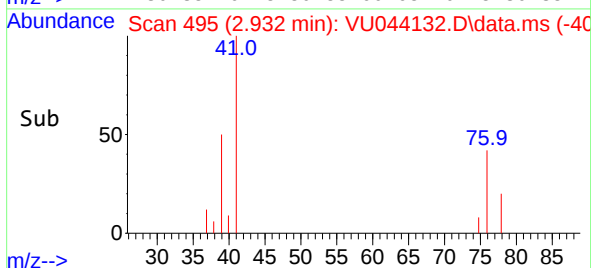
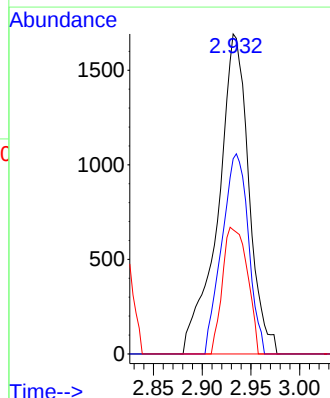
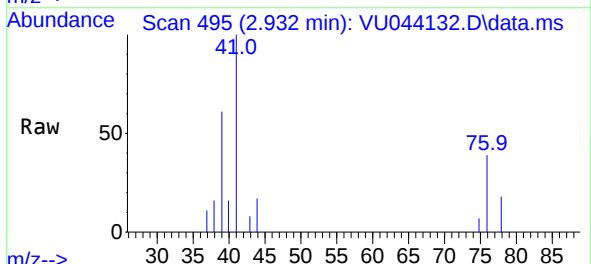
Delta R.T. 0.003 min

Lab File: VU044132.D

Acq: 09 Jun 2021 10:56

Tgt Ion: 41 Resp: 3713

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.0  | 45.7  | 68.5  |
| 76  | 31.9  | 26.8  | 40.2  |



Instrument :

MSVOA\_U

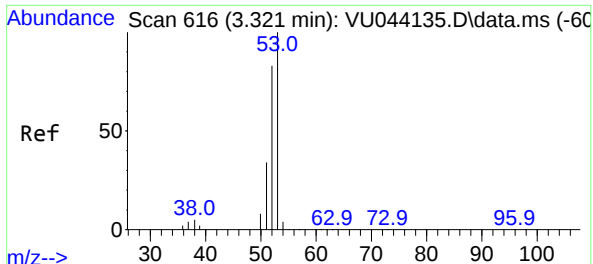
ClientSampleId :

VSTDIC001

Manual Integrations

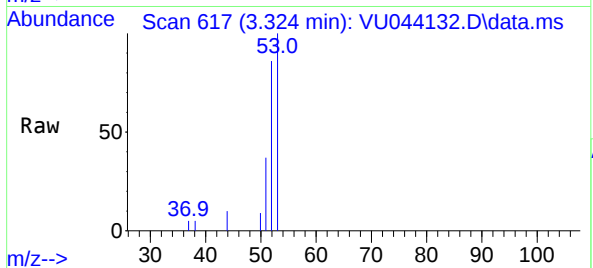
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#15  
Acrylonitrile  
Concen: 4.915 ug/l  
RT: 3.324 min Scan# 617  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

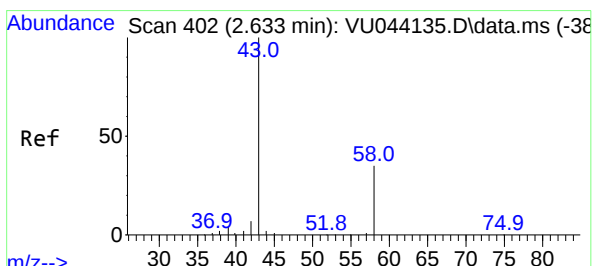
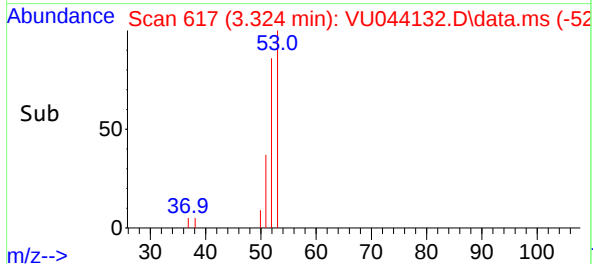
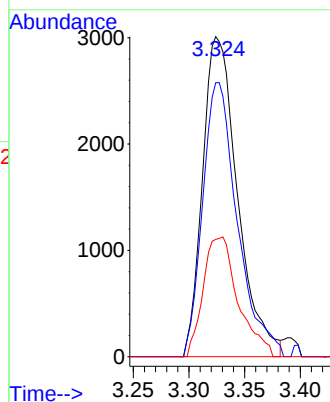


Tgt Ion: 53 Resp: 6573

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 84.9  | 65.0  | 97.6  |
| 51  | 37.3  | 27.3  | 40.9  |

Manual Integrations  
APPROVED

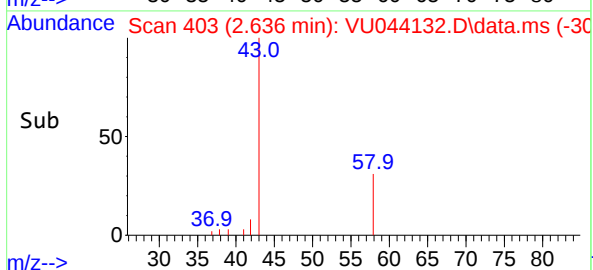
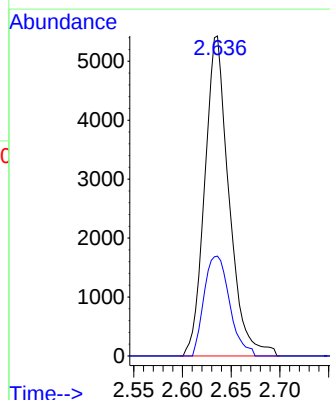
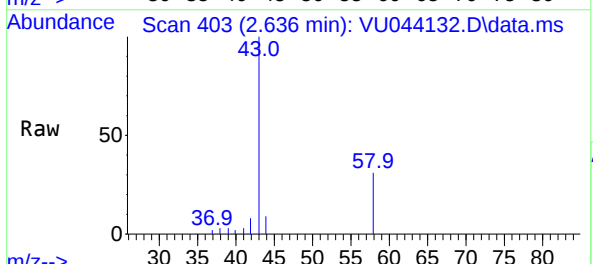
MMDadoda  
6/10/2021 12:56:10 PM

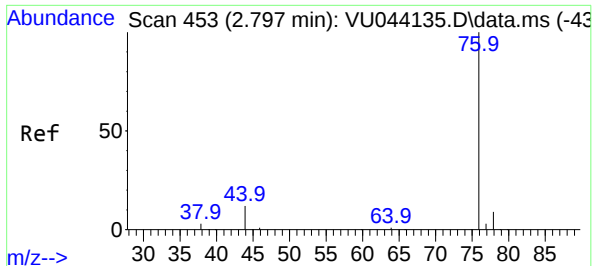


#16  
Acetone  
Concen: 6.334 ug/l  
RT: 2.636 min Scan# 403  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 43 Resp: 9408

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.2  | 28.0  | 42.0  |





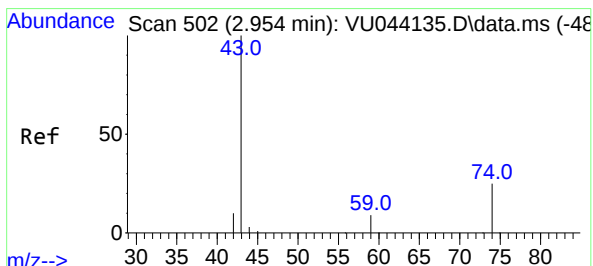
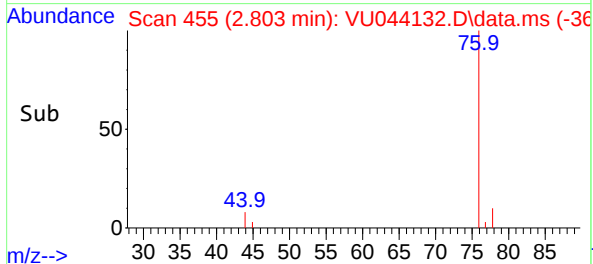
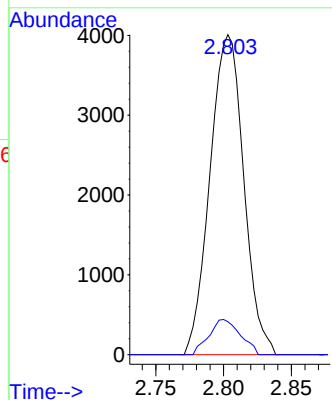
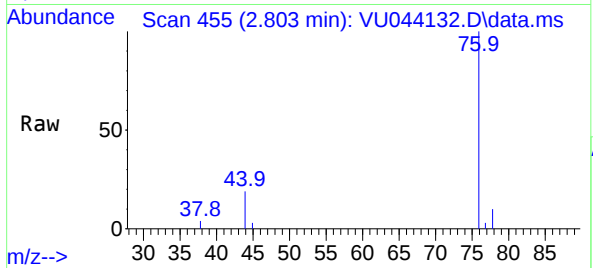
#17  
Carbon Disulfide  
Concen: 1.592 ug/l  
RT: 2.803 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Tgt Ion: 76 Resp: 6945  
Ion Ratio Lower Upper  
76 100  
78 10.3 7.2 10.8

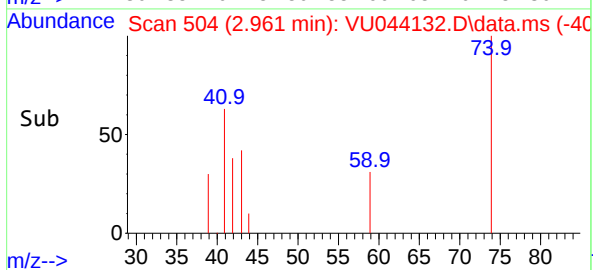
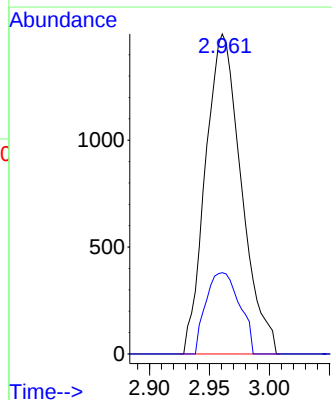
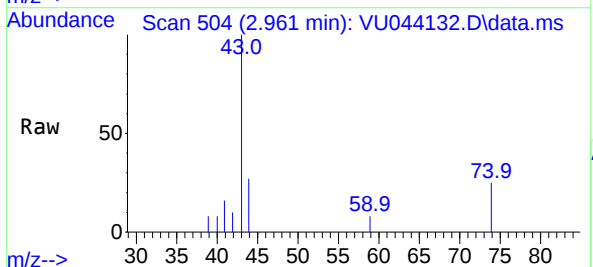
Manual Integrations  
APPROVED

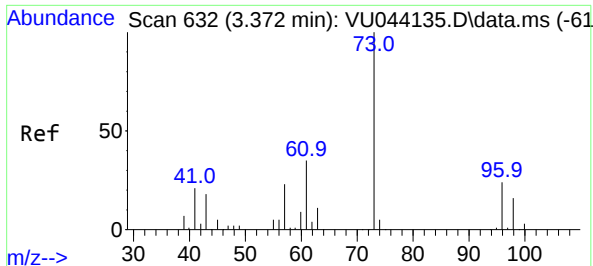
MMDadoda  
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#18  
Methyl Acetate  
Concen: 1.030 ug/l  
RT: 2.961 min Scan# 504  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 43 Resp: 3116  
Ion Ratio Lower Upper  
43 100  
74 23.7 20.3 30.5





#19

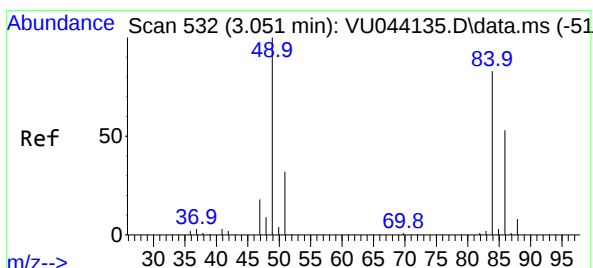
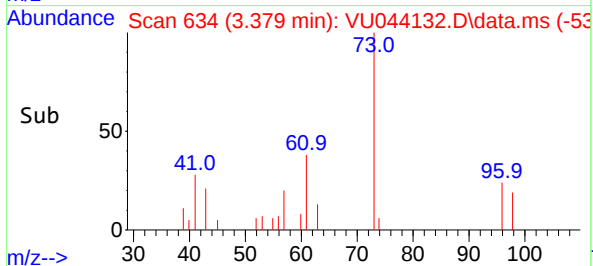
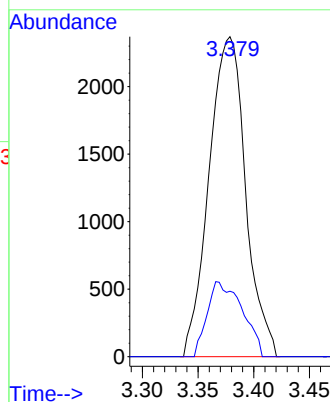
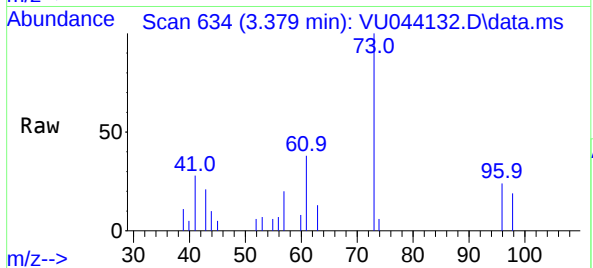
Methyl tert-butyl Ether  
Concen: 1.013 ug/l  
RT: 3.379 min Scan# 634  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 73 Resp: 5415  
Ion Ratio Lower Upper  
73 100  
57 20.5 18.0 27.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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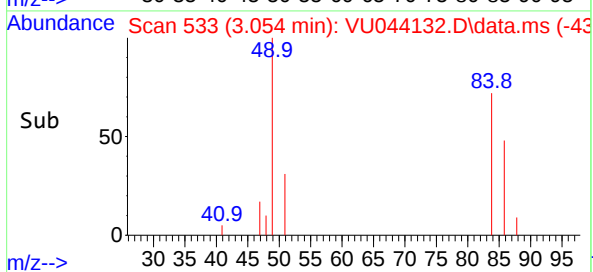
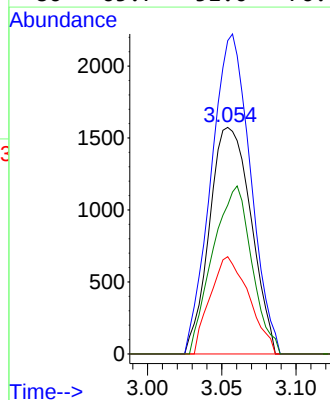
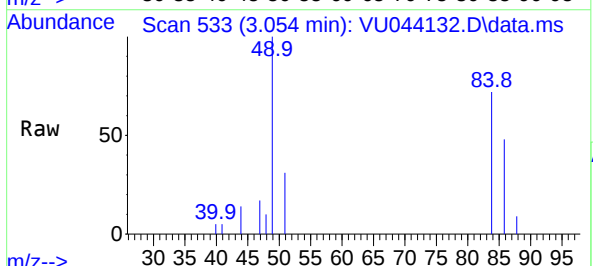
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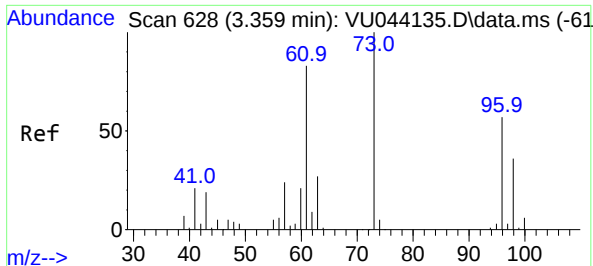


#20

Methylene Chloride  
Concen: 1.704 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 84 Resp: 3061  
Ion Ratio Lower Upper  
84 100  
49 138.2 96.9 145.3  
51 42.9 31.0 46.6  
86 65.7 51.0 76.6





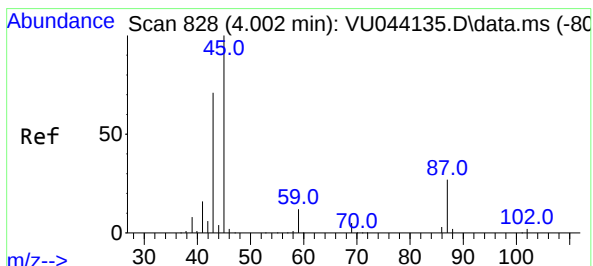
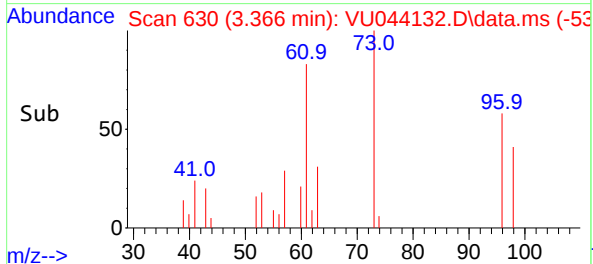
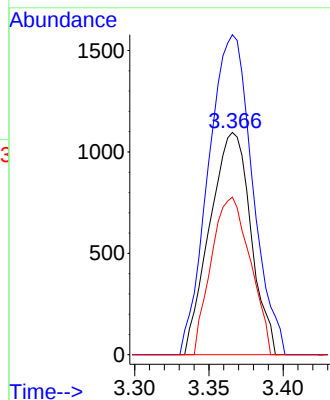
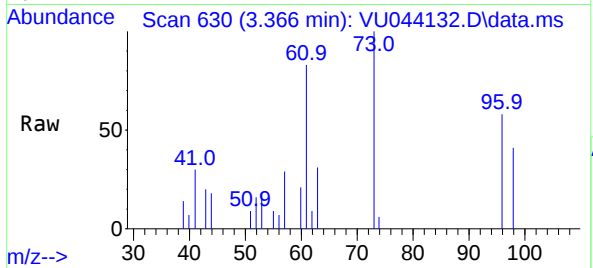
#21  
trans-1,2-Dichloroethene  
Concen: 1.292 ug/l  
RT: 3.366 min Scan# 630  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 2111  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 144.0 | 116.3 | 174.5 |
| 98       | 70.9  | 50.7  | 76.1  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

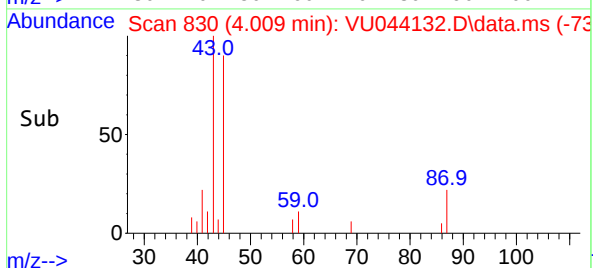
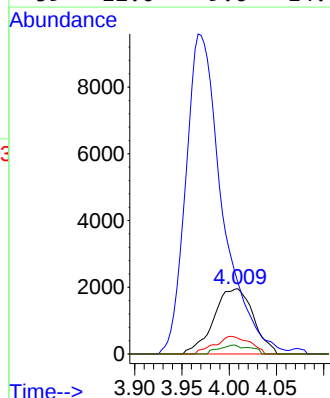
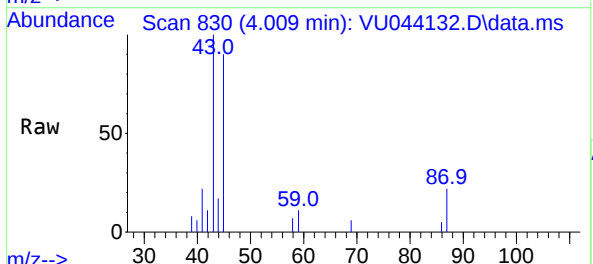
Manual Integrations  
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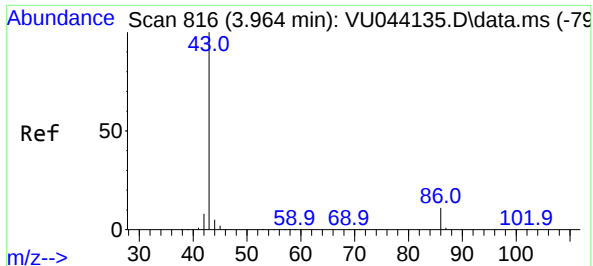
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#22  
Diisopropyl ether  
Concen: 0.922 ug/l  
RT: 4.009 min Scan# 830  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 5686  |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 102.6 | 58.4  | 87.6# |
| 87       | 24.4  | 21.8  | 32.6  |
| 59       | 12.0  | 9.6   | 14.4  |





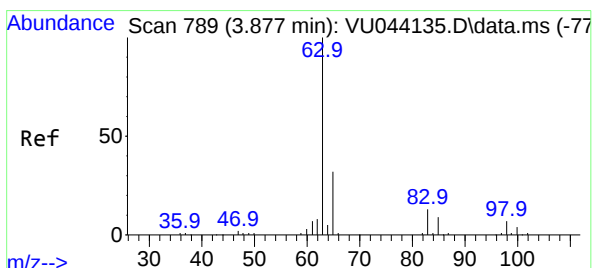
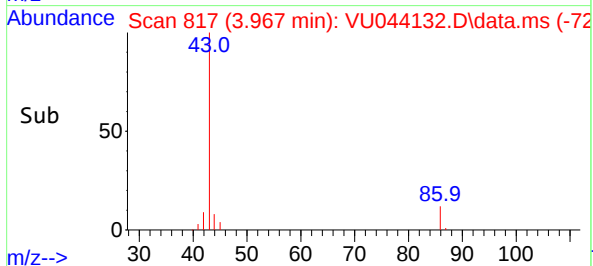
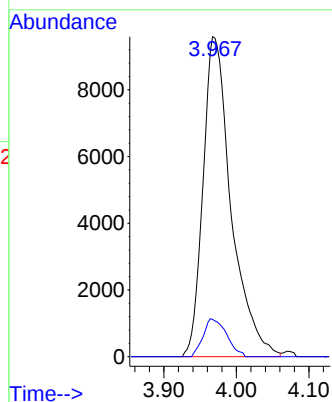
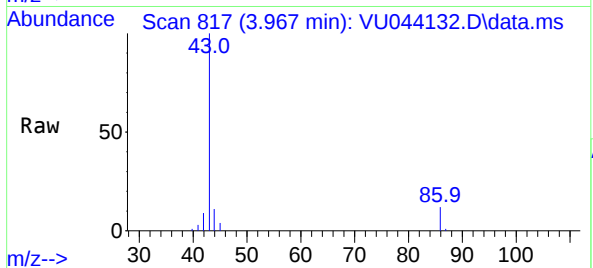
#23  
 Vinyl Acetate  
 Concen: 4.345 ug/l  
 RT: 3.967 min Scan# 817  
 Delta R.T. 0.003 min  
 Lab File: VU044132.D  
 Acq: 09 Jun 2021 10:56

Tgt Ion: 43 Resp: 25853  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 8.8 13.2

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

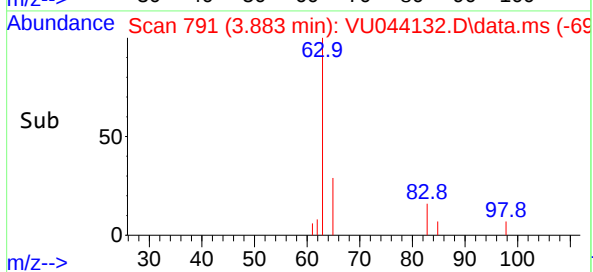
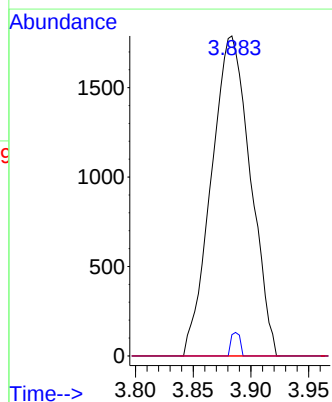
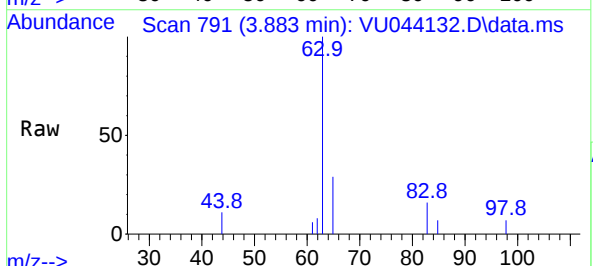
Manual Integrations  
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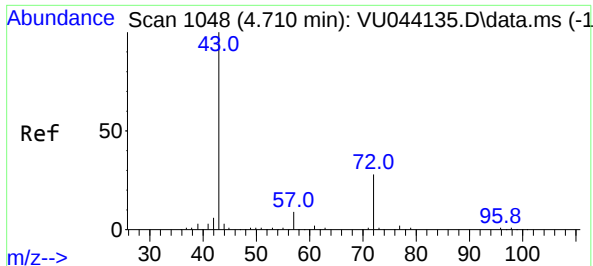
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#24  
 1,1-Dichloroethane  
 Concen: 1.298 ug/l  
 RT: 3.883 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VU044132.D  
 Acq: 09 Jun 2021 10:56

Tgt Ion: 63 Resp: 4211  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.3 9.9  
 100 0.0 2.2 6.6#





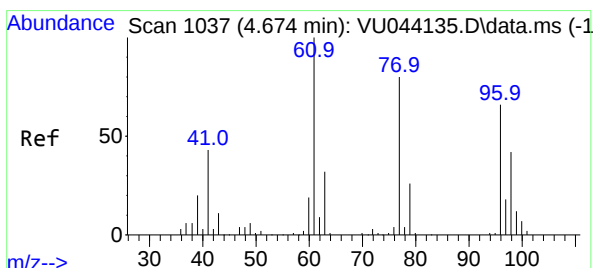
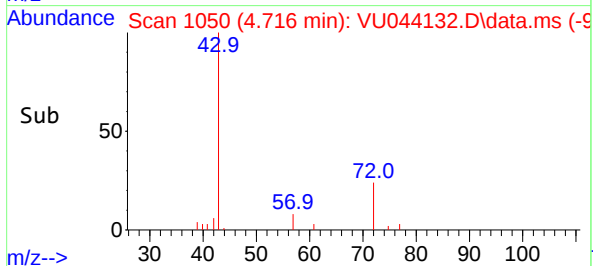
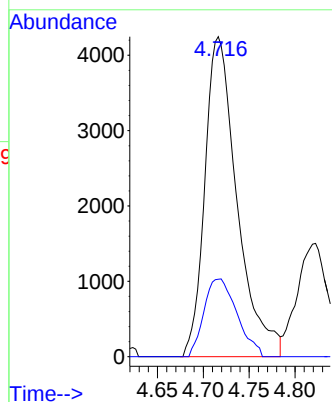
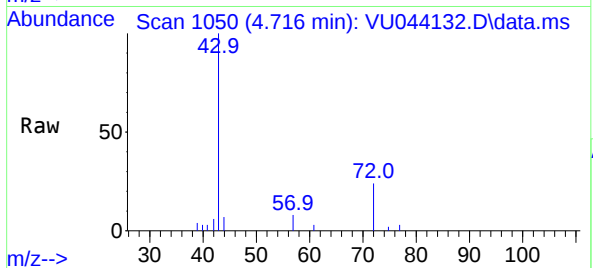
#25  
2-Butanone  
Concen: 4.841 ug/l  
RT: 4.716 min Scan# 1050  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 43 Resp: 10395  
Ion Ratio Lower Upper  
43 100  
72 24.2 22.6 33.8

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

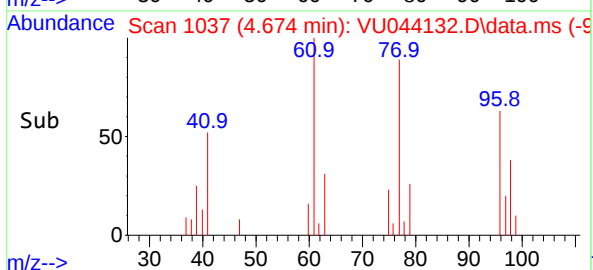
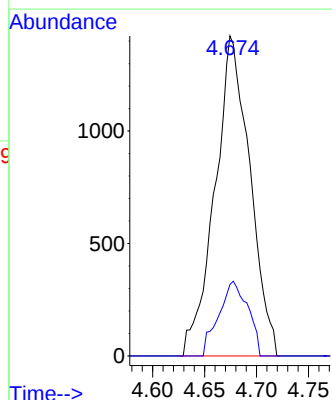
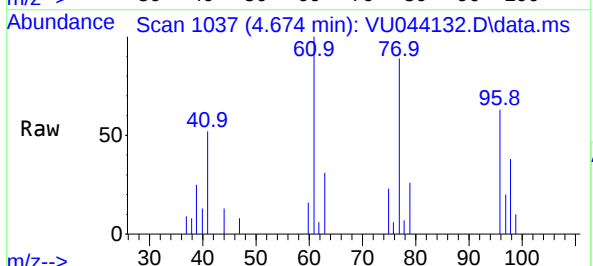
Manual Integrations  
APPROVED

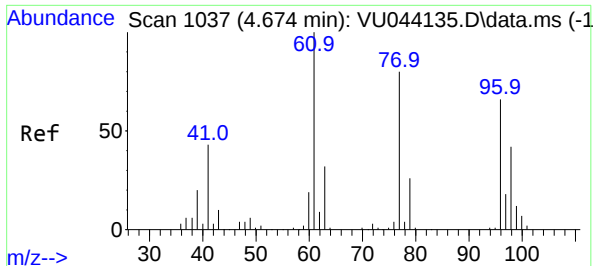
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#26  
2,2-Dichloropropane  
Concen: 1.198 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 77 Resp: 3332  
Ion Ratio Lower Upper  
77 100  
97 19.4 11.4 34.2





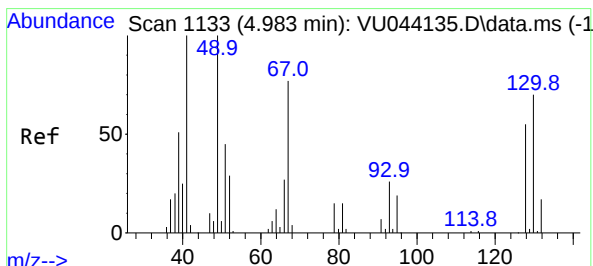
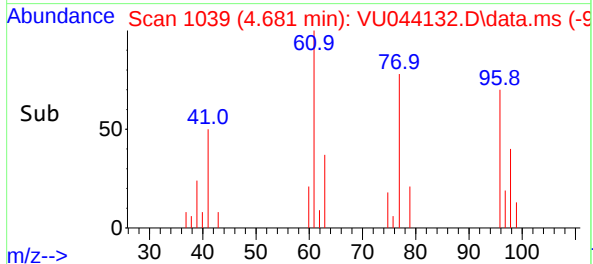
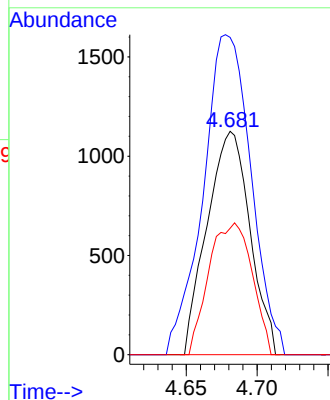
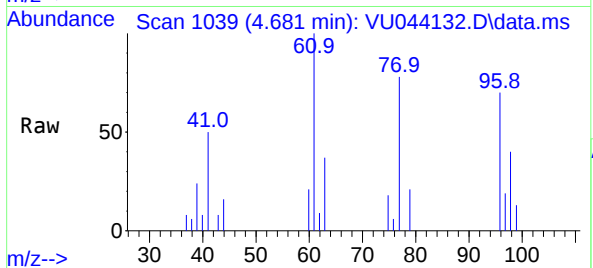
#27  
cis-1,2-Dichloroethene  
Concen: 1.290 ug/l  
RT: 4.681 min Scan# 1039  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 96 Resp: 2370  
Ion Ratio Lower Upper  
96 100  
61 159.8 0.0 308.0  
98 59.5 0.0 128.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

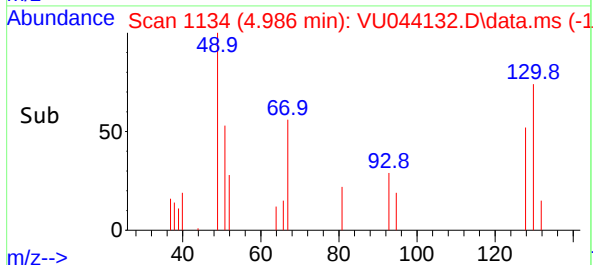
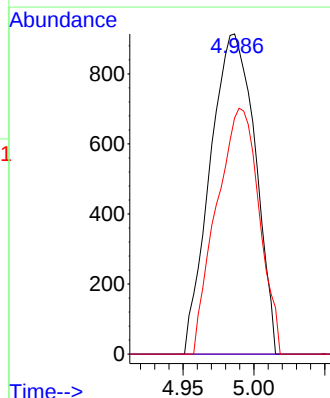
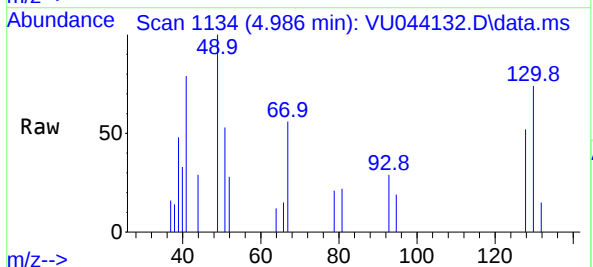
Manual Integrations  
APPROVED

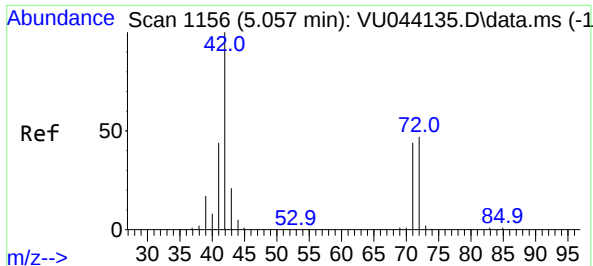
MMDadoda  
6/10/2021 12:56:10 PM



#28  
Bromochloromethane  
Concen: 1.226 ug/l  
RT: 4.986 min Scan# 1134  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 49 Resp: 2019  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.2  
130 72.9 55.6 83.4





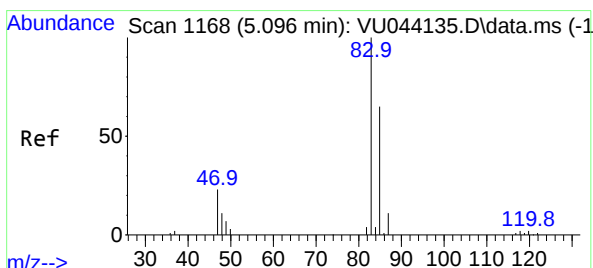
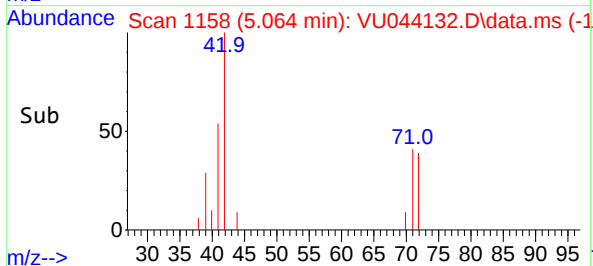
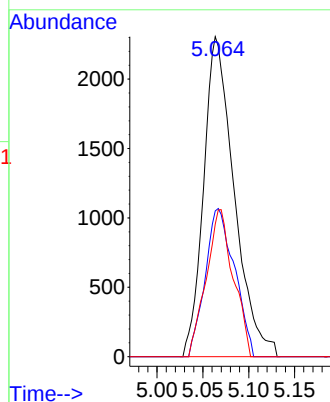
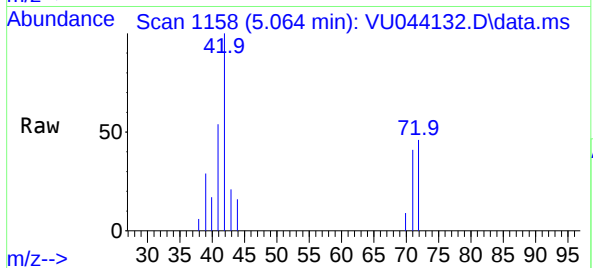
#29  
Tetrahydrofuran  
Concen: 4.012 ug/l  
RT: 5.064 min Scan# 1158  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 5347  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 44.1  | 38.6  | 57.8  |
| 71       | 40.5  | 35.5  | 53.3  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

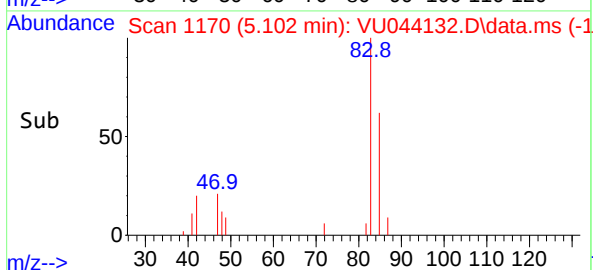
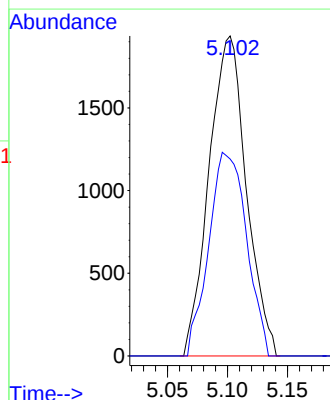
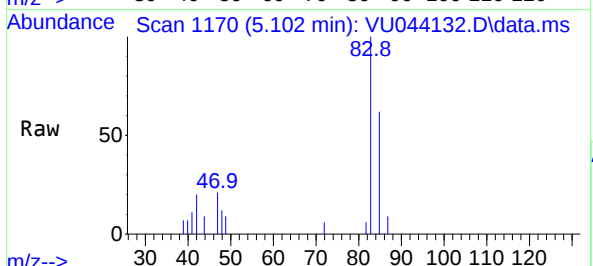
Manual Integrations  
APPROVED

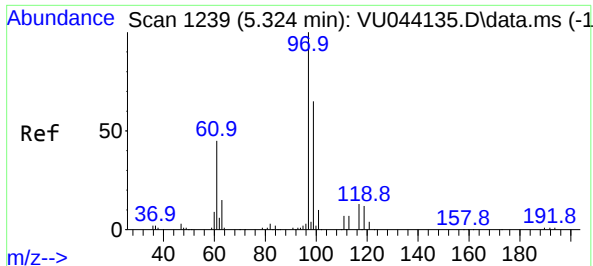
MMDadoda  
6/10/2021 12:56:10 PM



#30  
Chloroform  
Concen: 1.239 ug/l  
RT: 5.102 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

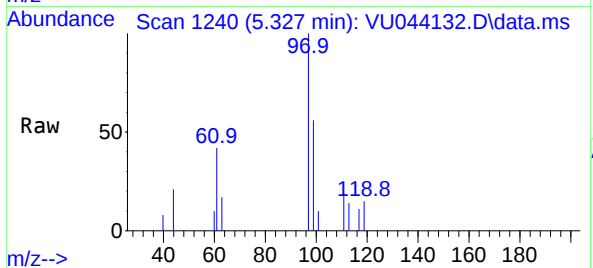
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 4188  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.6  | 51.8  | 77.8  |





#32  
1,1,1-Trichloroethane  
Concen: 1.176 ug/l  
RT: 5.327 min Scan# 1240  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

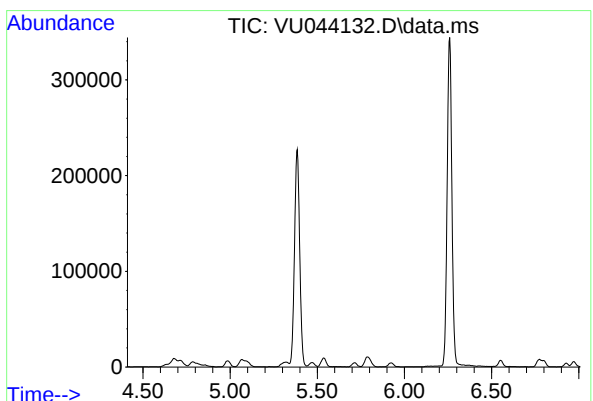
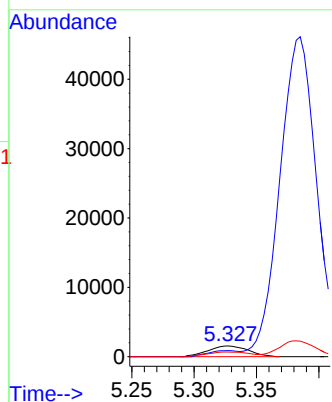
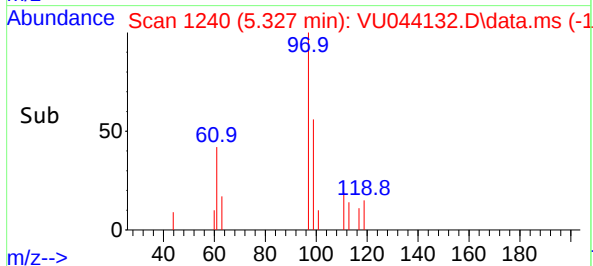
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001



Tgt Ion: 97 Resp: 3475  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.9 76.3#  
61 46.5 37.0 55.4

Manual Integrations  
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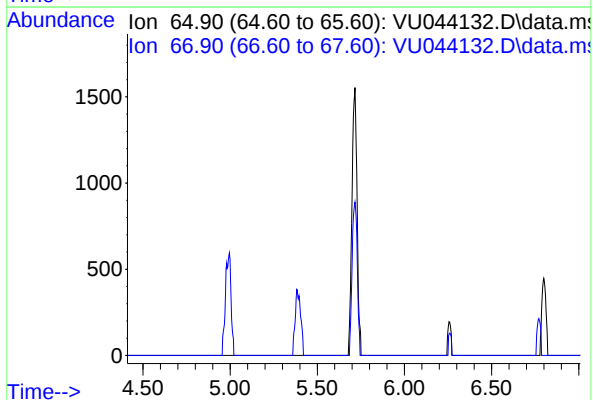
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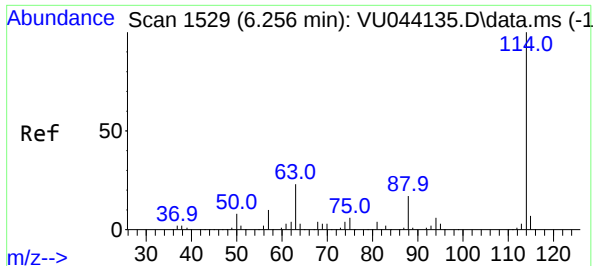


#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 5.71 min

Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 53.3





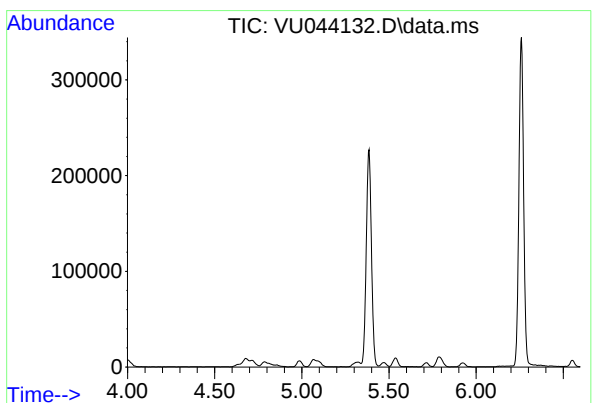
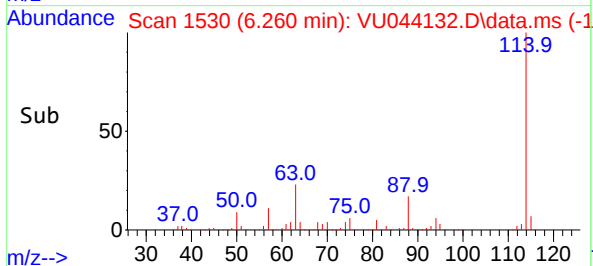
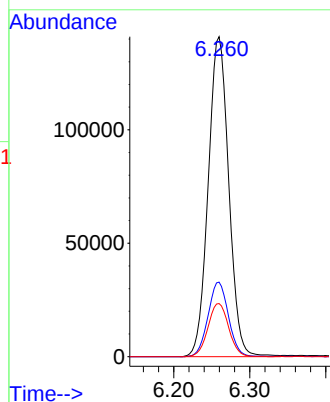
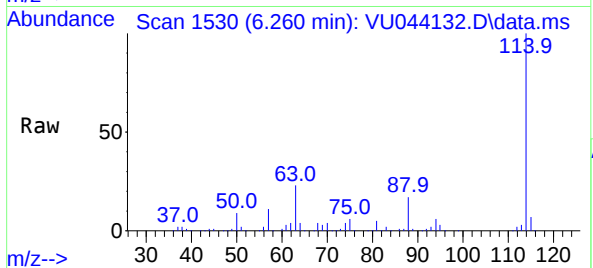
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.260 min Scan# 1530  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion:114 Resp: 264186  
Ion Ratio Lower Upper  
114 100  
63 23.3 0.0 45.8  
88 16.6 0.0 34.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

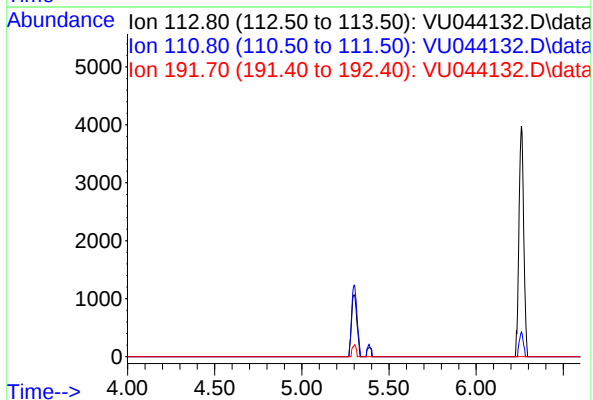
Manual Integrations  
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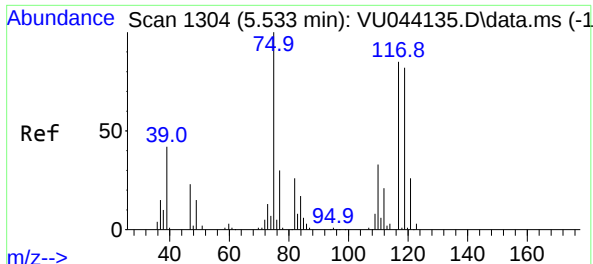
MMDadoda  
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#35  
Dibromofluoromethane  
Concen: 0.000 ug/l  
Expected RT: 5.30 min  
  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 113  
Sig Exp Ratio  
113 100  
111 101.2  
192 17.9





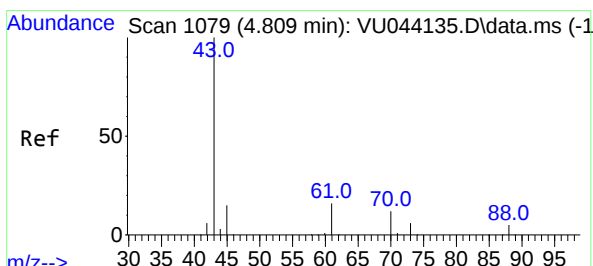
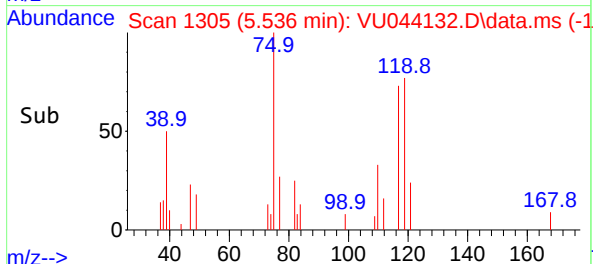
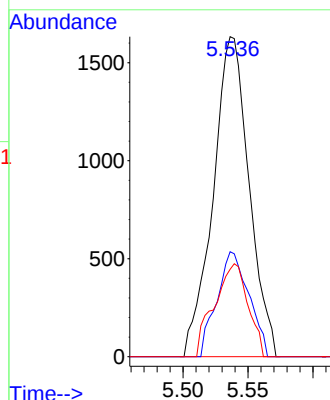
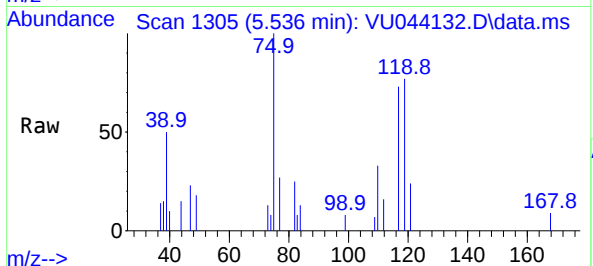
#36  
1,1-Dichloropropene  
Concen: 1.120 ug/l  
RT: 5.536 min Scan# 1305  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3140  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 29.2  | 16.4  | 49.4  |
| 77       | 27.2  | 24.7  | 37.1  |

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

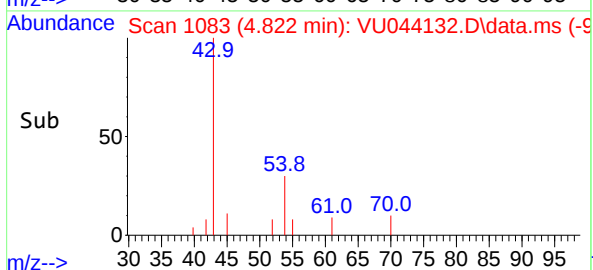
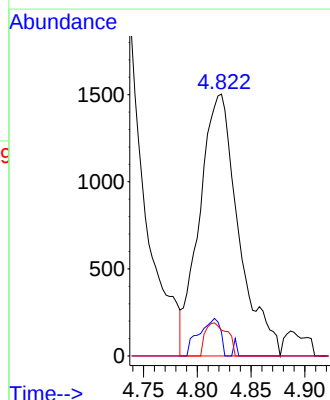
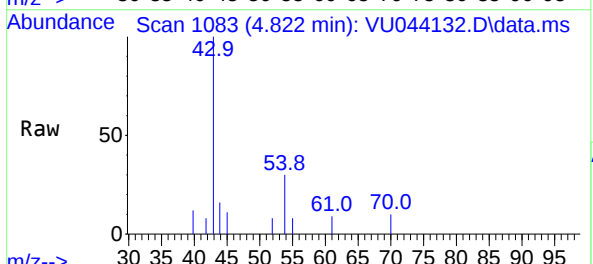
Manual Integrations  
APPROVED

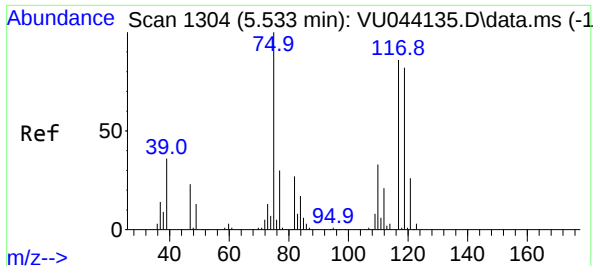
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#37  
Ethyl Acetate  
Concen: 0.822 ug/l  
RT: 4.822 min Scan# 1083  
Delta R.T. 0.013 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

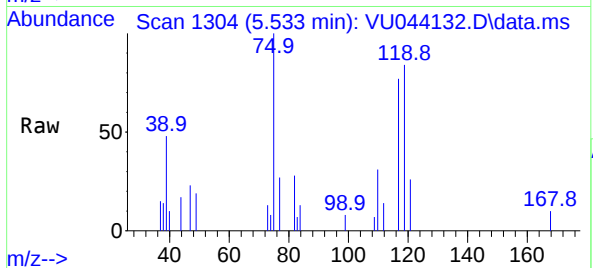
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3788  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 7.8   | 11.9  | 17.9# |
| 70       | 7.0   | 9.4   | 14.0# |





#38  
Carbon Tetrachloride  
Concen: 0.926 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

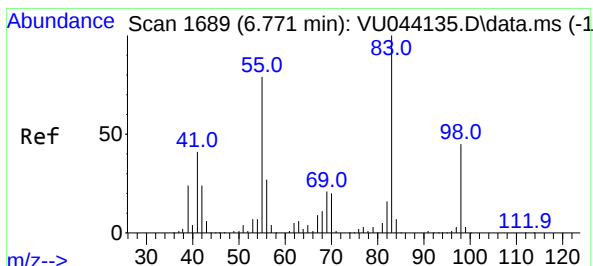
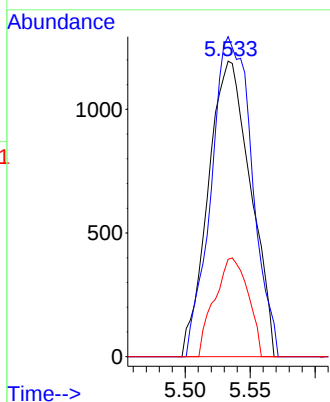
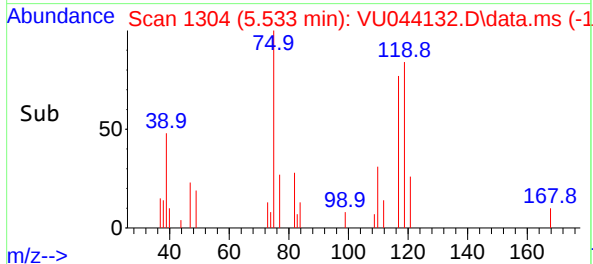
Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001



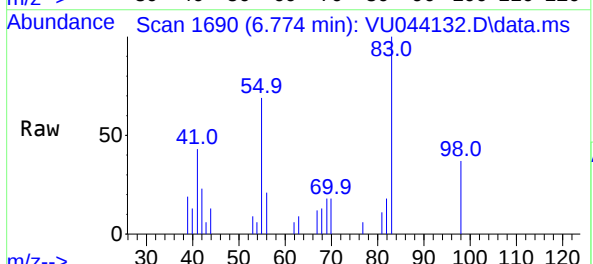
Tgt Ion:117 Resp: 2709  
Ion Ratio Lower Upper  
117 100  
119 108.3 76.6 114.8  
121 33.0 24.6 36.8

Manual Integrations  
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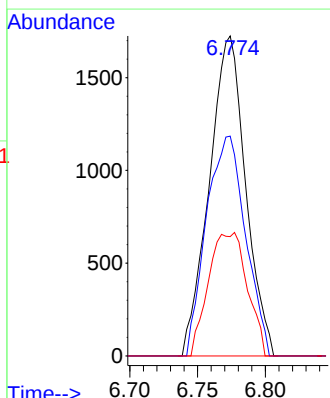
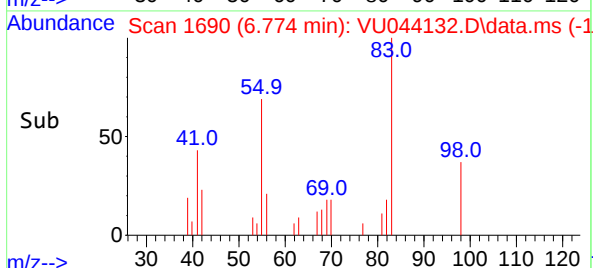
MMDadoda  
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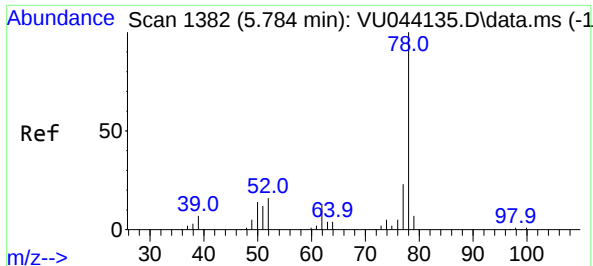


#39  
Methylcyclohexane  
Concen: 1.047 ug/l  
RT: 6.774 min Scan# 1690  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



Tgt Ion: 83 Resp: 3216  
Ion Ratio Lower Upper  
83 100  
55 68.7 63.4 95.2  
98 37.3 35.8 53.6





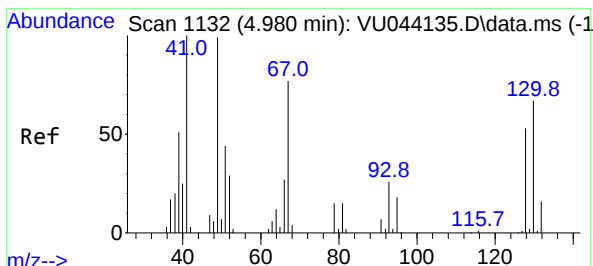
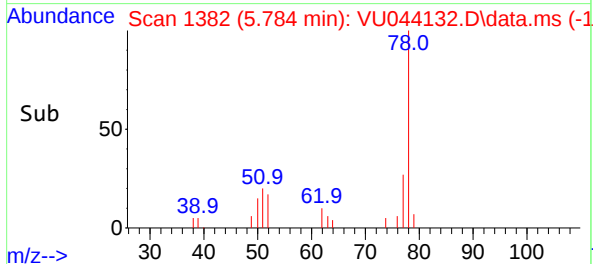
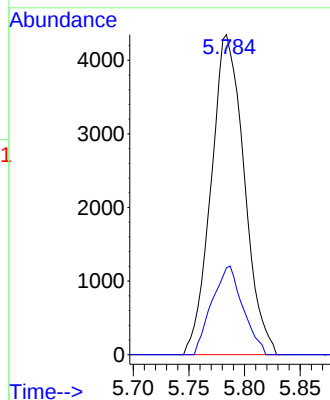
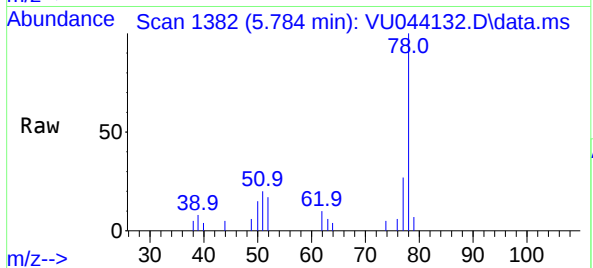
#40  
Benzene  
Concen: 1.111 ug/l  
RT: 5.784 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 78 Resp: 8988  
Ion Ratio Lower Upper  
78 100  
77 27.1 18.7 28.1

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

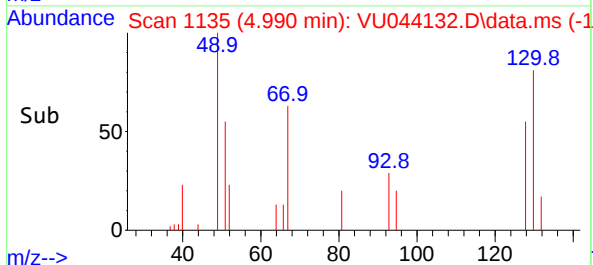
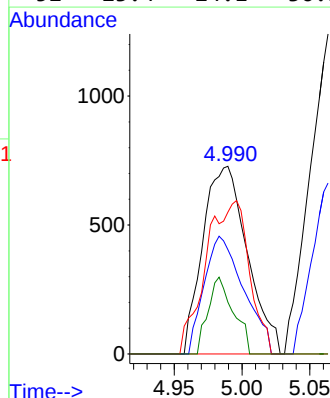
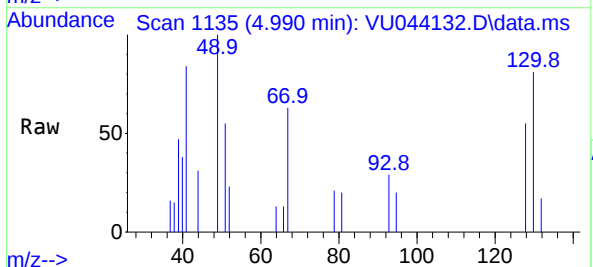
Manual Integrations  
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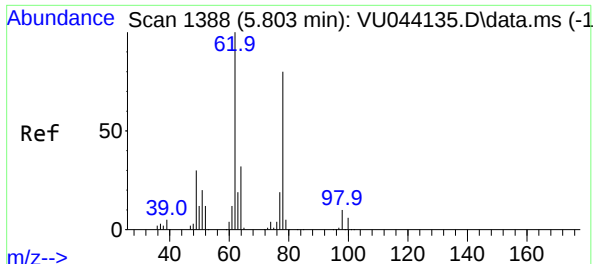
MMDadoda  
6/10/2021 12:56:10 PM



#41  
Methacrylonitrile  
Concen: 0.687 ug/l  
RT: 4.990 min Scan# 1135  
Delta R.T. 0.010 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 41 Resp: 1663  
Ion Ratio Lower Upper  
41 100  
39 55.8 41.4 62.0  
67 31.7 62.6 93.8#  
52 23.4 24.1 36.1#





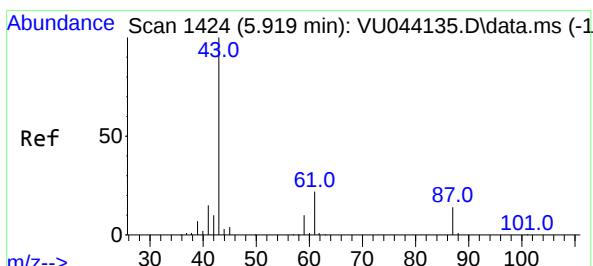
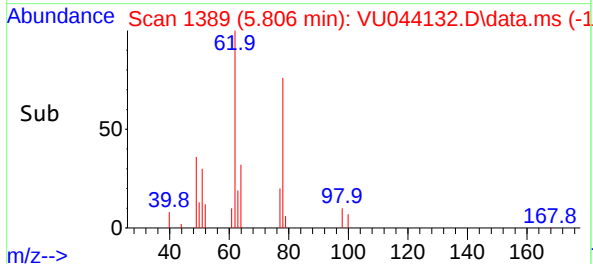
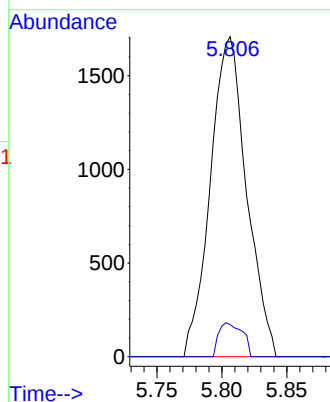
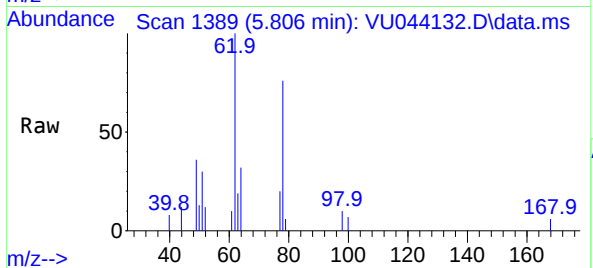
#42  
1,2-Dichloroethane  
Concen: 0.959 ug/l  
RT: 5.806 min Scan# 1389  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 62 Resp: 3307  
Ion Ratio Lower Upper  
62 100  
98 6.9 0.0 19.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

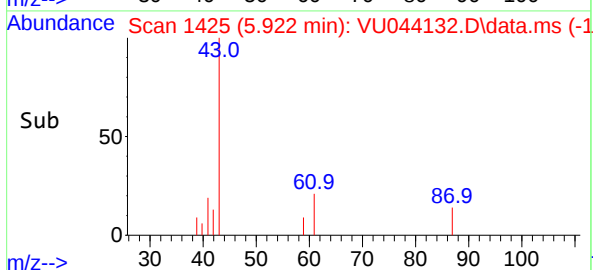
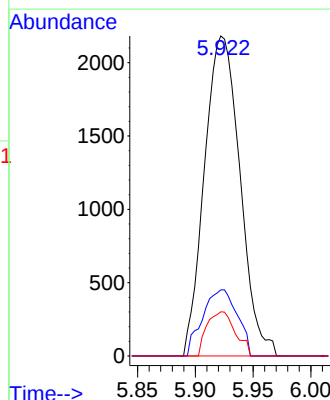
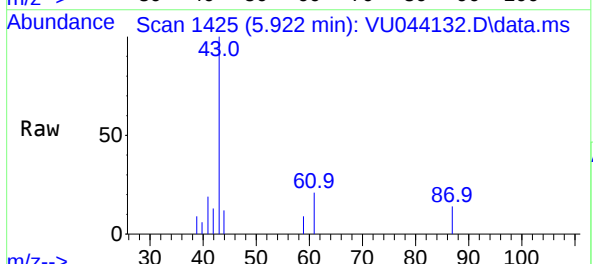
Manual Integrations  
APPROVED

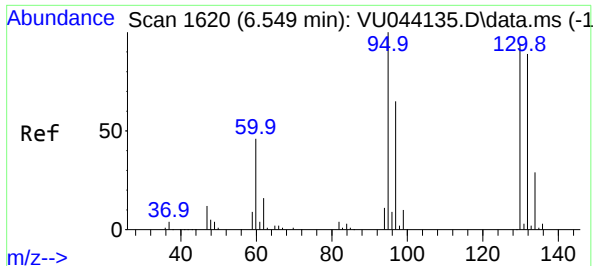
MMDadoda  
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#43  
Isopropyl Acetate  
Concen: 0.716 ug/l  
RT: 5.922 min Scan# 1425  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 43 Resp: 4674  
Ion Ratio Lower Upper  
43 100  
61 20.2 17.8 26.8  
87 11.0 11.1 16.7#





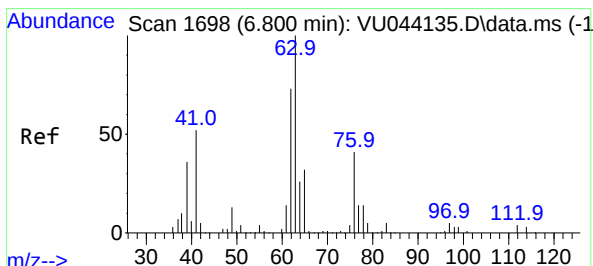
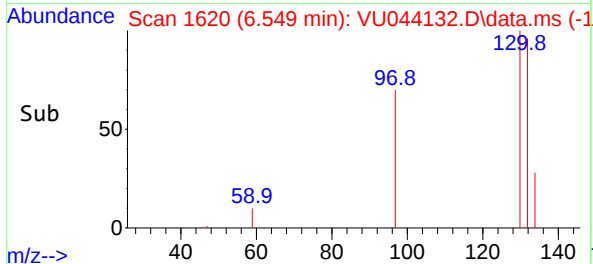
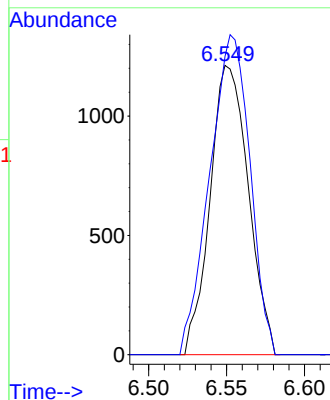
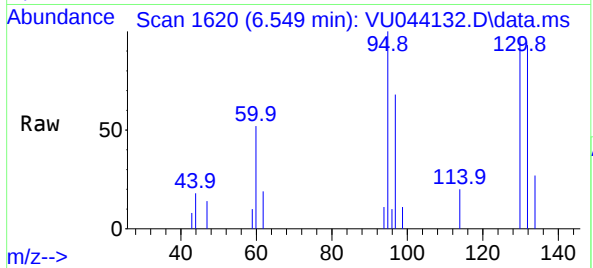
#44  
Trichloroethene  
Concen: 1.028 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion:130 Resp: 2071  
Ion Ratio Lower Upper  
130 100  
95 103.1 0.0 212.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

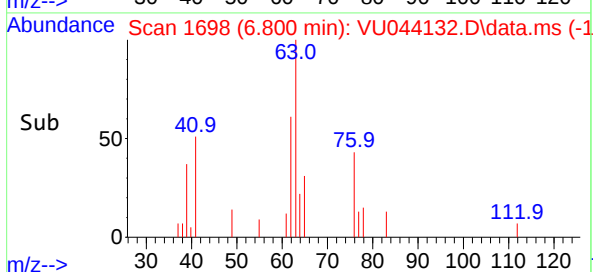
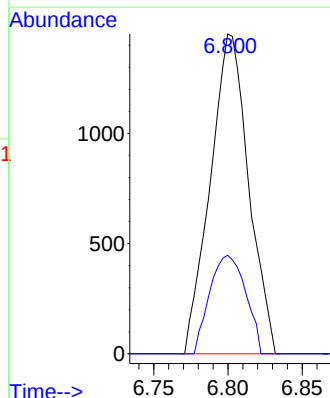
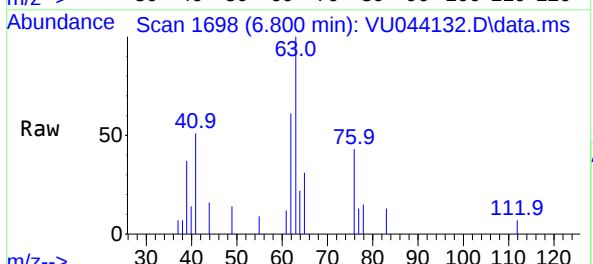
Manual Integrations  
APPROVED

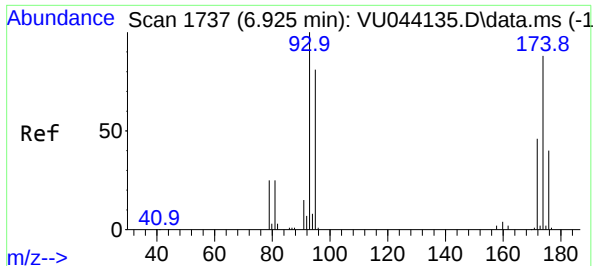
MMDadoda  
6/10/2021 12:56:10 PM



#45  
1,2-Dichloropropane  
Concen: 1.167 ug/l  
RT: 6.800 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 63 Resp: 2600  
Ion Ratio Lower Upper  
63 100  
65 30.8 25.7 38.5





#46  
Dibromomethane  
Concen: 1.072 ug/l  
RT: 6.925 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

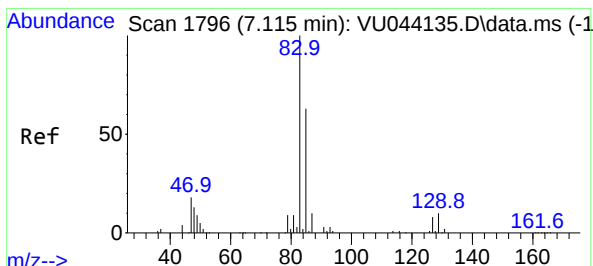
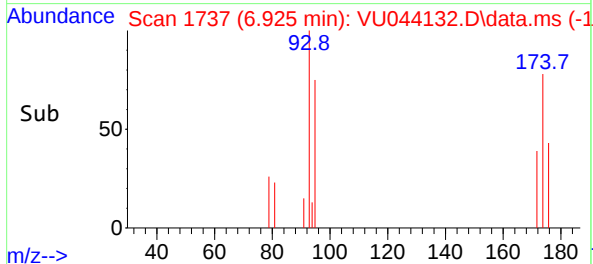
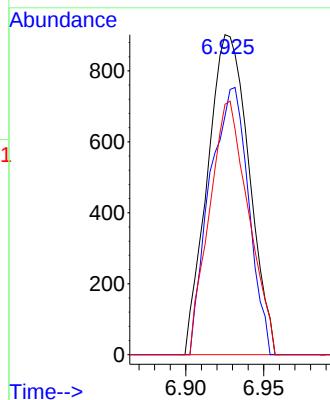
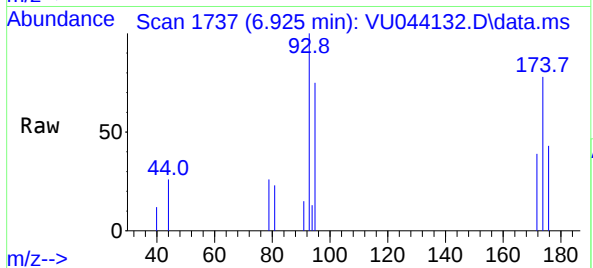
Tgt Ion: 93 Resp: 1670

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 78.0  | 65.1  | 97.7  |
| 174 | 74.6  | 71.2  | 106.8 |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Manual Integrations  
APPROVED

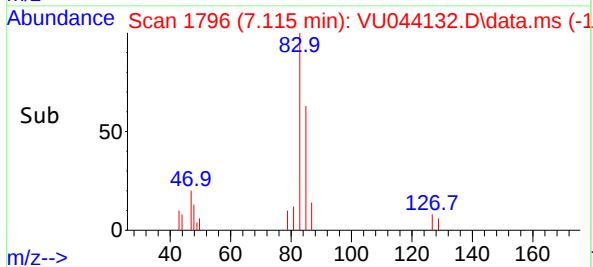
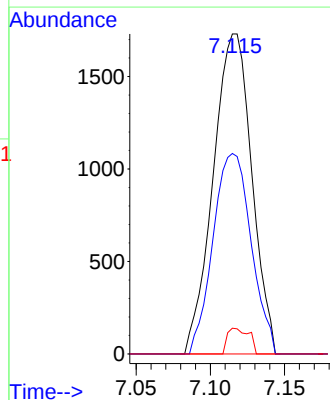
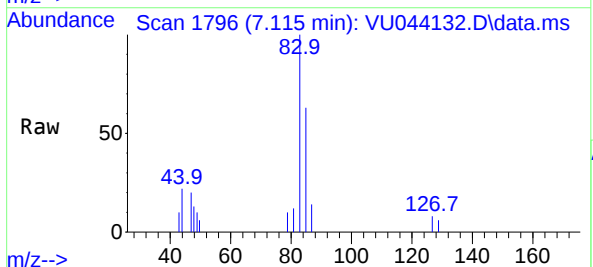
MMDadoda  
6/10/2021 12:56:10 PM

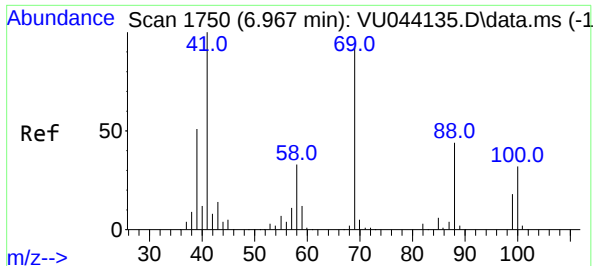


#47  
Bromodichloromethane  
Concen: 1.018 ug/l  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 83 Resp: 3131

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.7  | 50.2  | 75.2  |
| 127 | 8.0   | 6.2   | 9.4   |





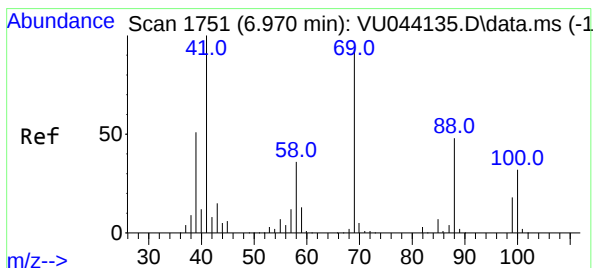
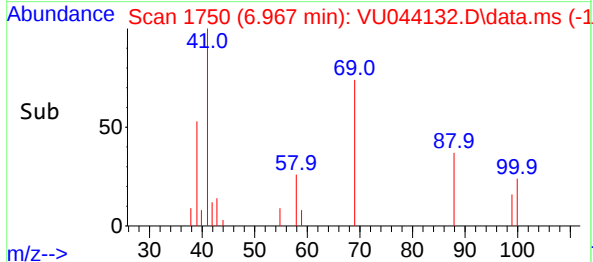
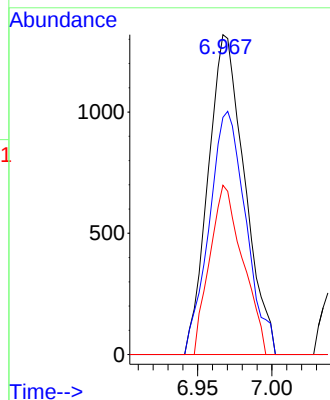
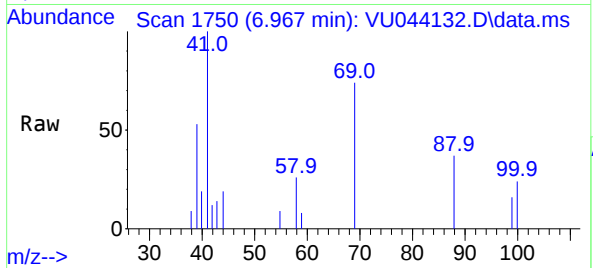
#48  
Methyl methacrylate  
Concen: 0.690 ug/l  
RT: 6.967 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 2251  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 76.8  | 74.0  | 111.0 |
| 39       | 48.0  | 41.5  | 62.3  |

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

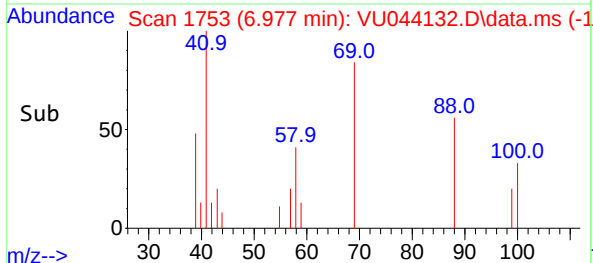
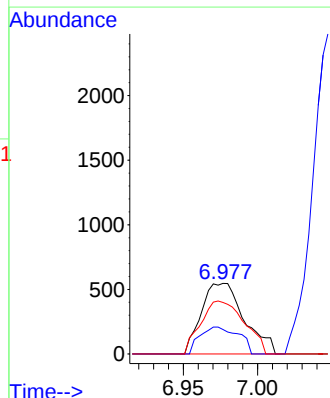
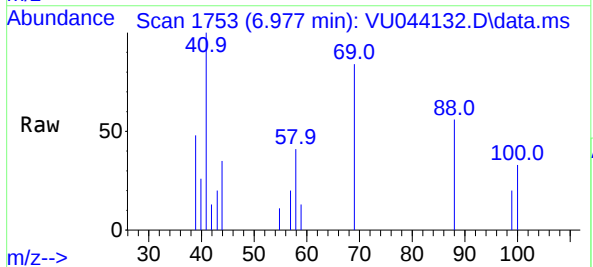
Manual Integrations  
APPROVED

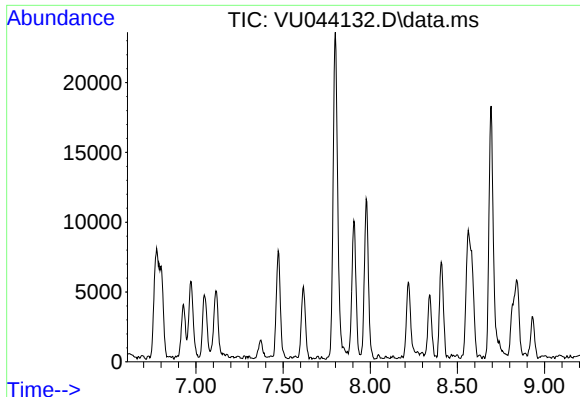
MMDadoda  
6/10/2021 12:56:10 PM



#49  
1,4-Dioxane  
Concen: 16.380 ug/l  
RT: 6.977 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 1103  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 34.3  | 23.4  | 35.0  |
| 58       | 76.0  | 58.1  | 87.1  |





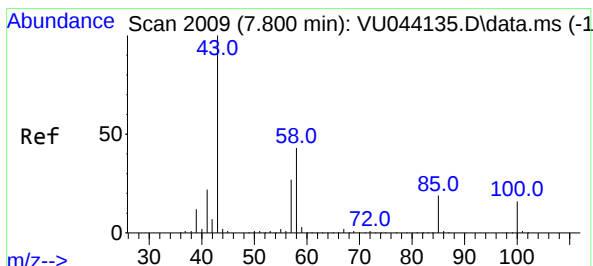
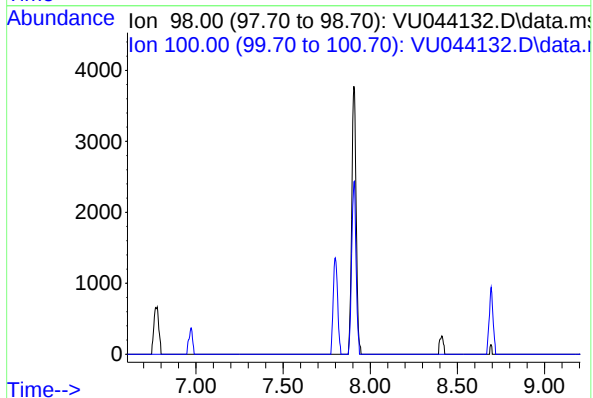
#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 7.91 min

Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

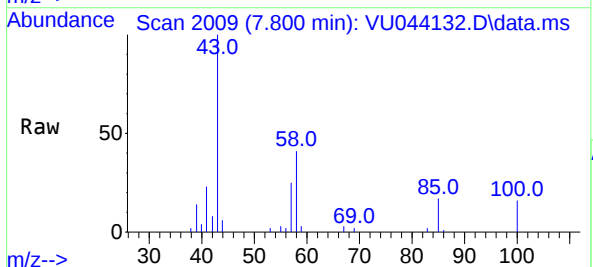
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Manual Integrations  
APPROVED

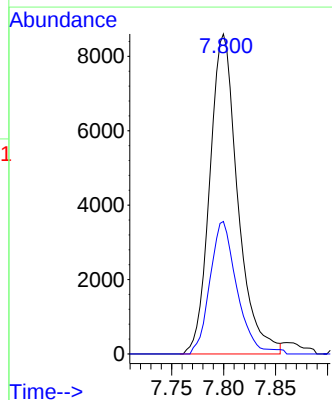
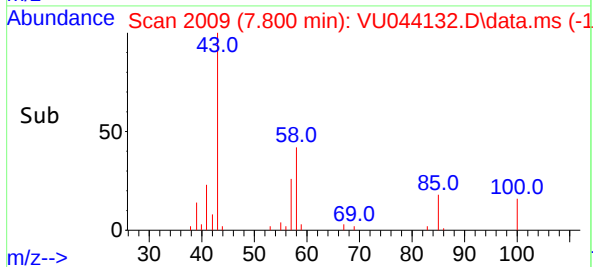
MMDadoda  
6/10/2021 12:56:10 PM

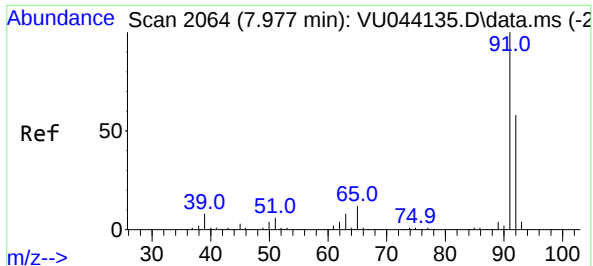


#51  
4-Methyl-2-Pentanone  
Concen: 3.335 ug/l  
RT: 7.800 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



Tgt Ion: 43 Resp: 16086  
Ion Ratio Lower Upper  
43 100  
58 40.0 34.5 51.7





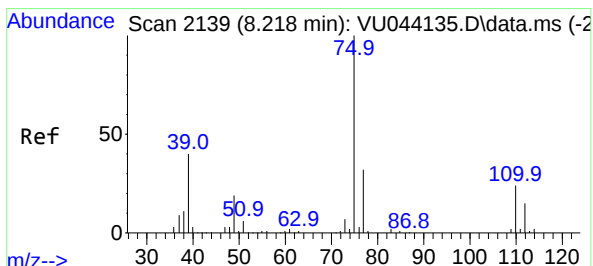
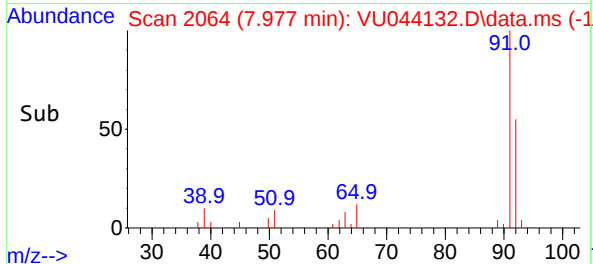
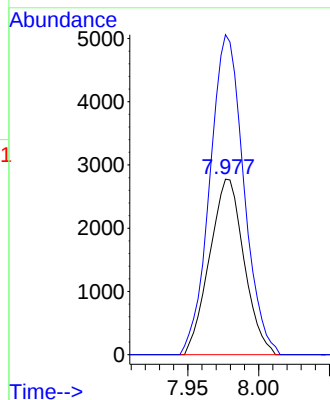
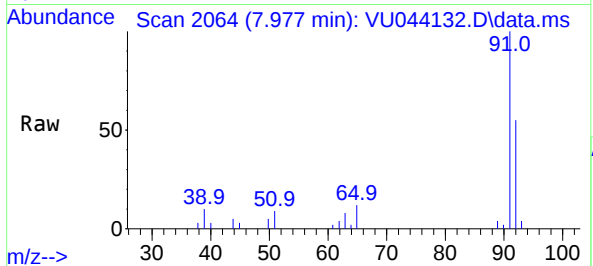
#52  
Toluene  
Concen: 0.944 ug/l  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 92 Resp: 4707  
Ion Ratio Lower Upper  
92 100  
91 179.3 136.2 204.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

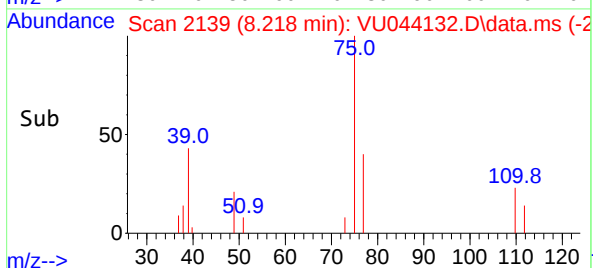
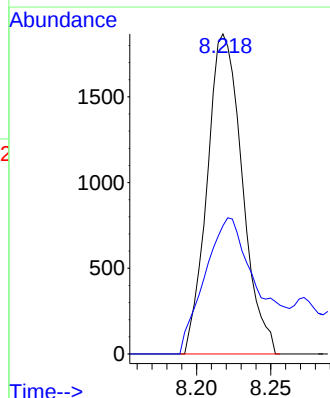
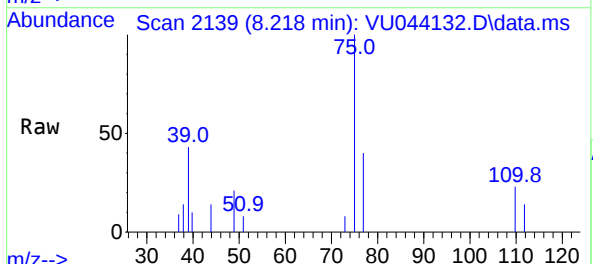
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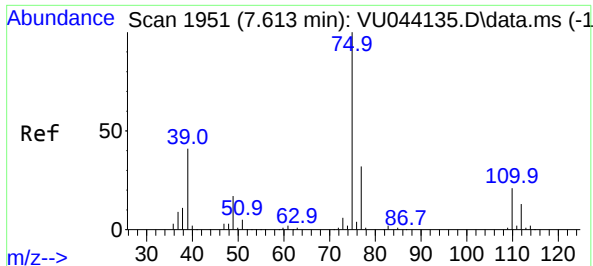
MMDadoda  
6/10/2021 12:56:10 PM



#53  
t-1,3-Dichloropropene  
Concen: 0.897 ug/l  
RT: 8.218 min Scan# 2139  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 75 Resp: 3061  
Ion Ratio Lower Upper  
75 100  
77 40.1 25.5 38.3#





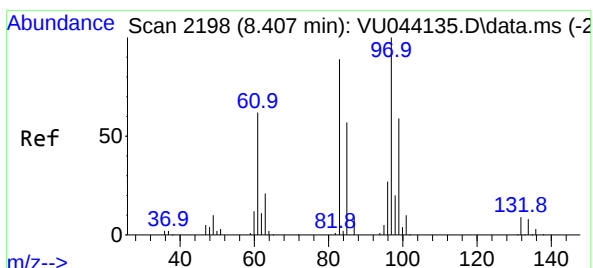
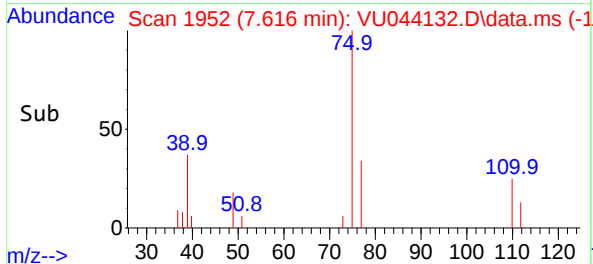
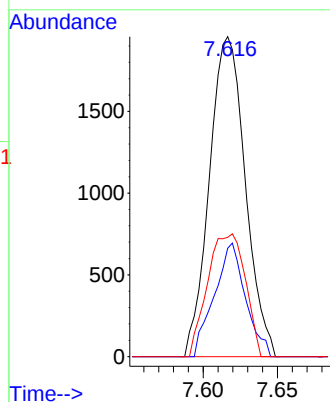
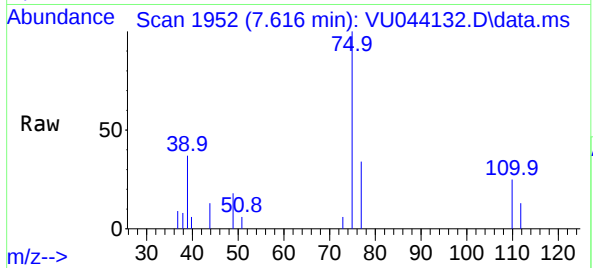
#54  
cis-1,3-Dichloropropene  
Concen: 0.939 ug/l  
RT: 7.616 min Scan# 1952  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3290  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 33.9  | 25.9  | 38.9  |
| 39       | 37.3  | 33.2  | 49.8  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

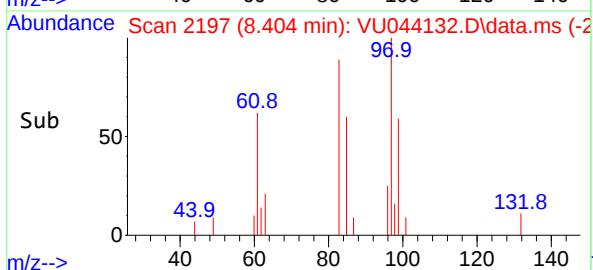
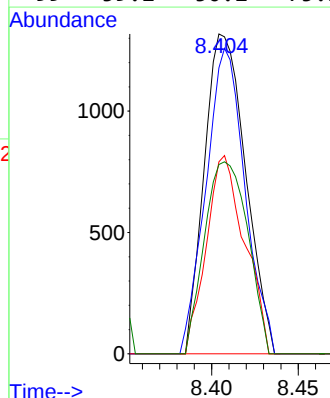
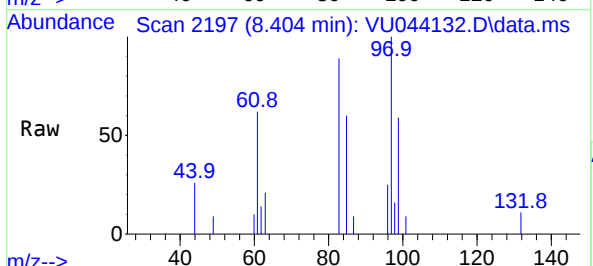
Manual Integrations  
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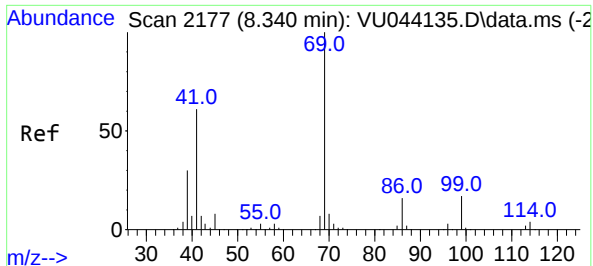
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6/10/2021 12:56:10 PM



#55  
1,1,2-Trichloroethane  
Concen: 1.025 ug/l  
RT: 8.404 min Scan# 2197  
Delta R.T. -0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 2182  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.4  | 70.8  | 106.2 |
| 85       | 60.0  | 46.0  | 69.0  |
| 99       | 59.2  | 50.2  | 75.2  |





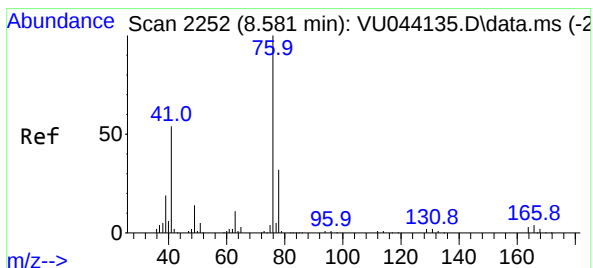
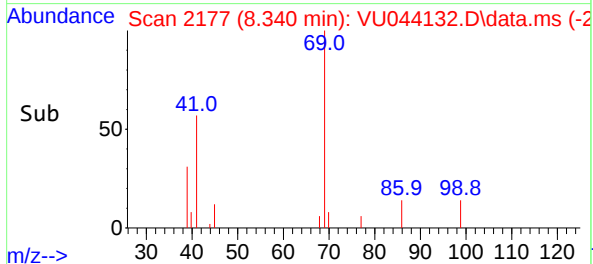
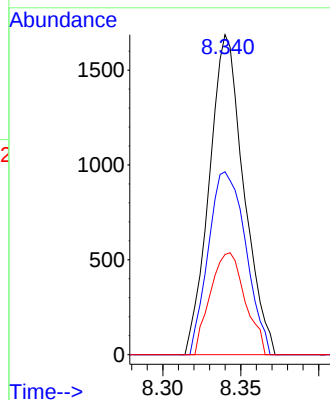
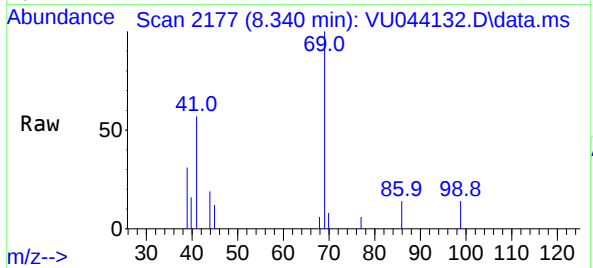
#56  
Ethyl methacrylate  
Concen: 0.746 ug/l  
RT: 8.340 min Scan# 2177  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 2591  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.1  | 48.4  | 72.6  |
| 39       | 32.1  | 23.6  | 35.4  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

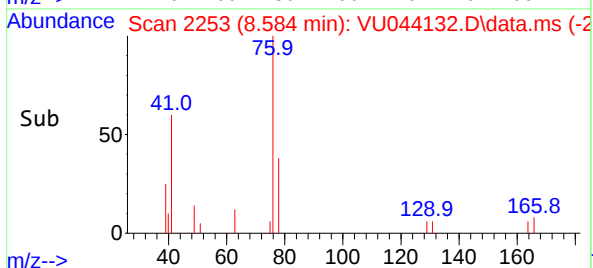
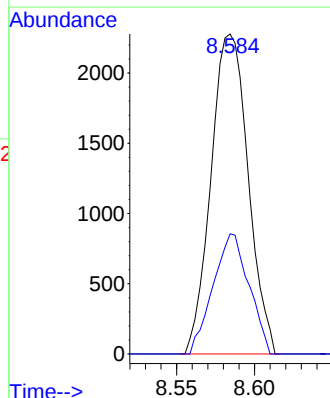
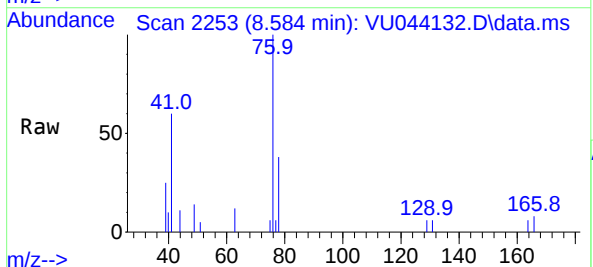
Manual Integrations  
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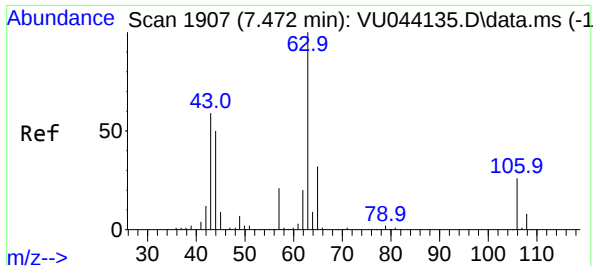
MMDadoda  
6/10/2021 12:56:10 PM



#57  
1,3-Dichloropropane  
Concen: 1.022 ug/l  
RT: 8.584 min Scan# 2253  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 3773  |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 36.2  | 25.9  | 38.9  |





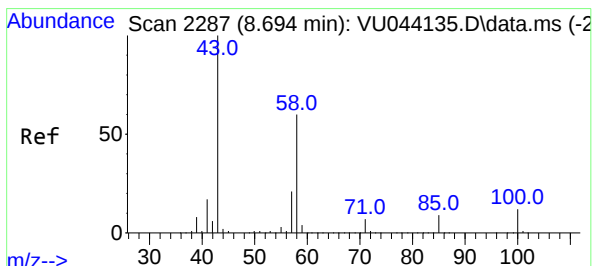
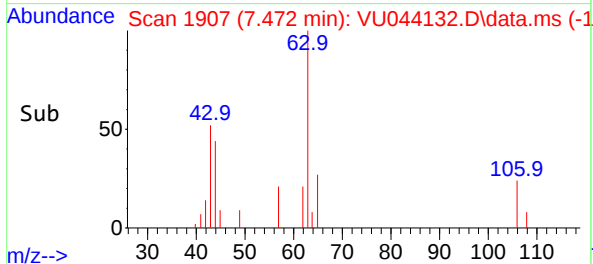
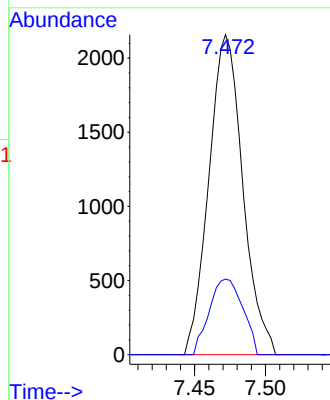
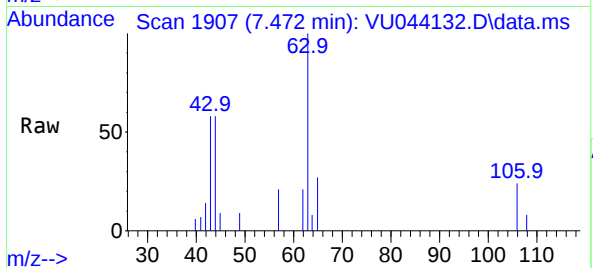
#58  
2-Chloroethyl Vinyl ether  
Concen: 3.013 ug/l  
RT: 7.472 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 63 Resp: 3590  
Ion Ratio Lower Upper  
63 100  
106 23.3 20.6 30.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

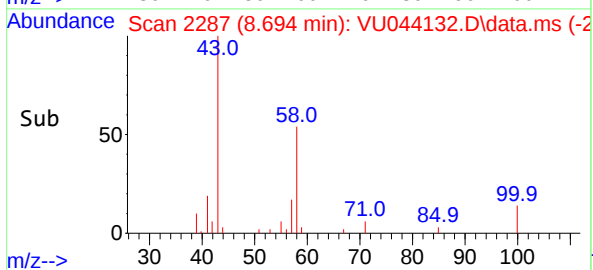
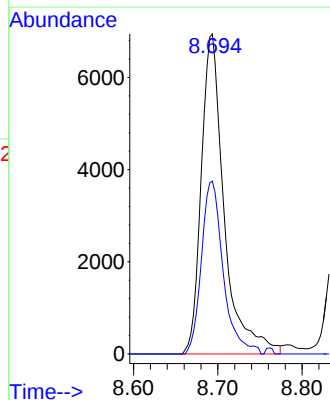
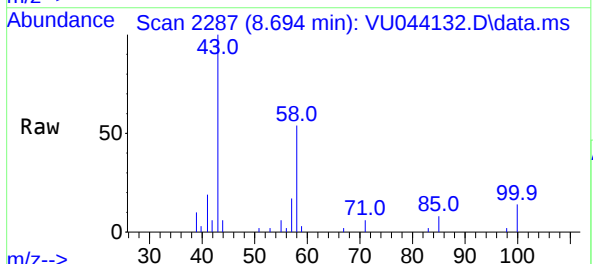
Manual Integrations  
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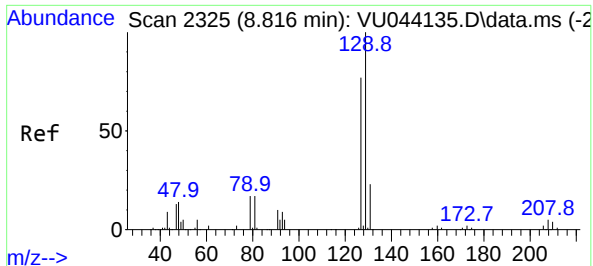
MMDadoda  
6/10/2021 12:56:10 PM



#59  
2-Hexanone  
Concen: 3.343 ug/l  
RT: 8.694 min Scan# 2287  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

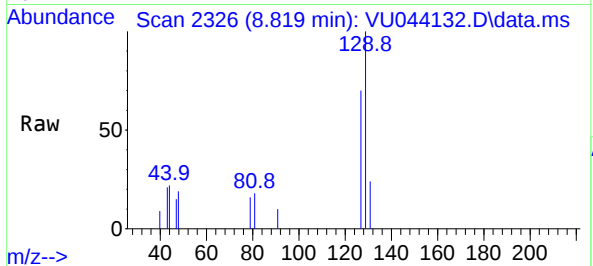
Tgt Ion: 43 Resp: 13149  
Ion Ratio Lower Upper  
43 100  
58 51.4 30.0 90.1





#60  
Dibromochloromethane  
Concen: 0.830 ug/l  
RT: 8.819 min Scan# 2326  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

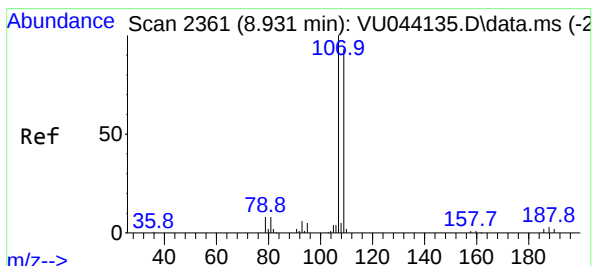
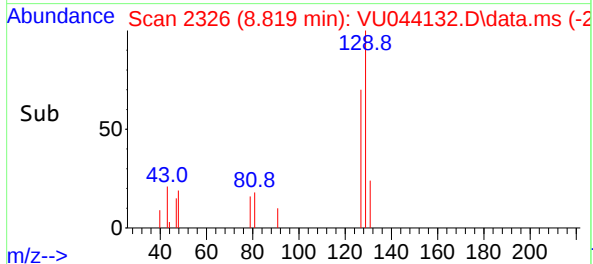
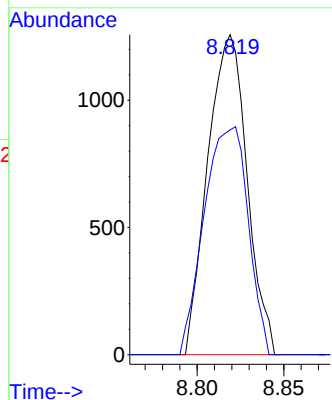
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001



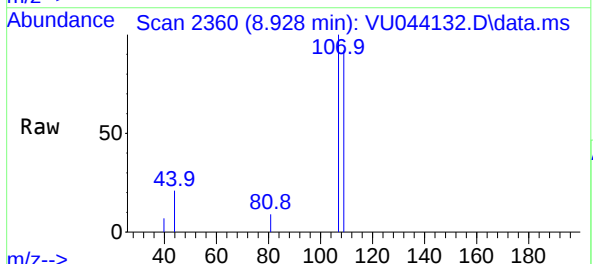
Tgt Ion:129 Resp: 1988  
Ion Ratio Lower Upper  
129 100  
127 79.4 38.6 115.7

Manual Integrations  
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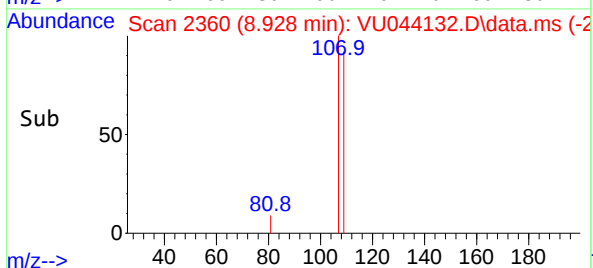
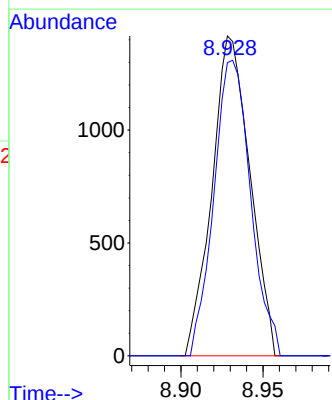
MMDadoda  
6/10/2021 12:56:10 PM

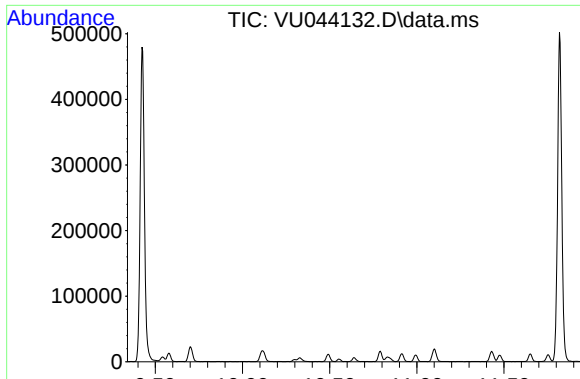


#61  
1,2-Dibromoethane  
Concen: 0.965 ug/l  
RT: 8.928 min Scan# 2360  
Delta R.T. -0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



Tgt Ion:107 Resp: 2279  
Ion Ratio Lower Upper  
107 100  
109 89.4 75.0 112.6





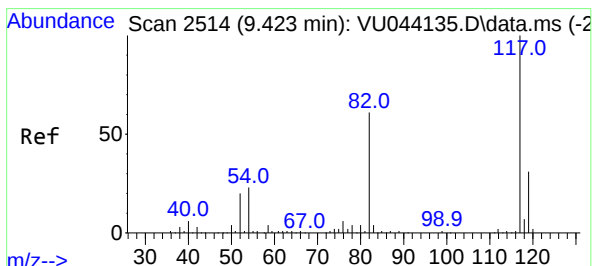
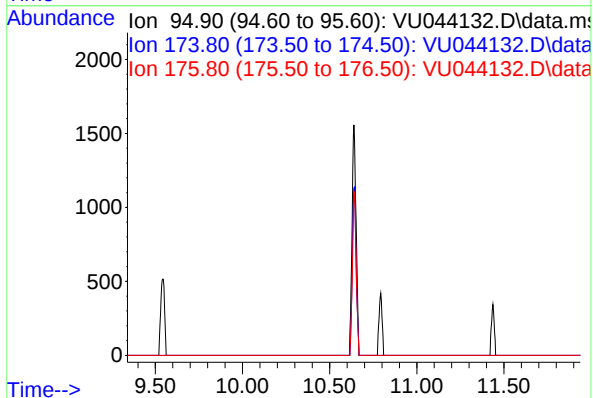
#62  
 4-Bromofluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 10.64 min  
 Lab File: VU044132.D  
 Acq: 09 Jun 2021 10:56

Tgt Ion: 95  
 Sig Exp Ratio  
 95 100  
 174 72.2  
 176 69.0

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

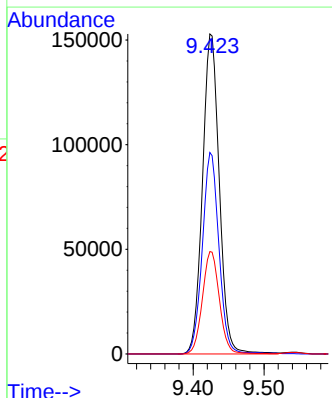
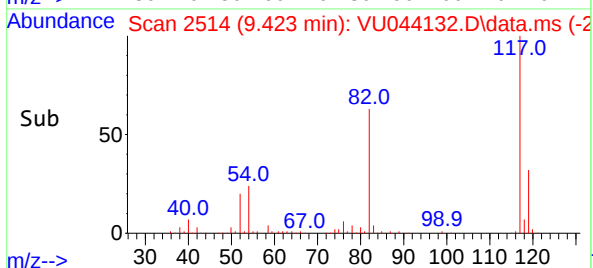
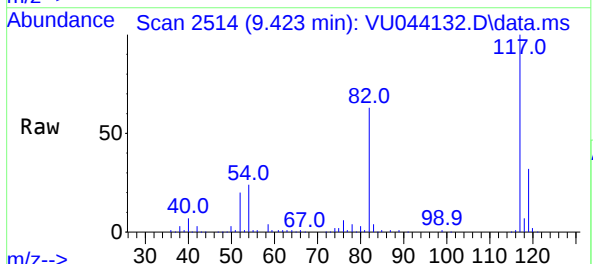
Manual Integrations  
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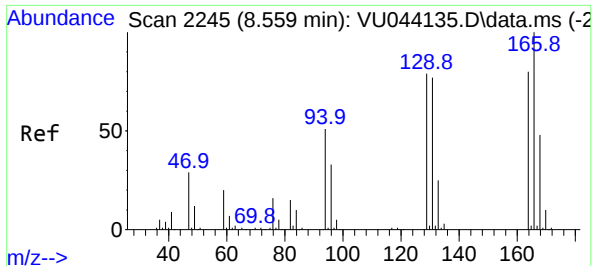
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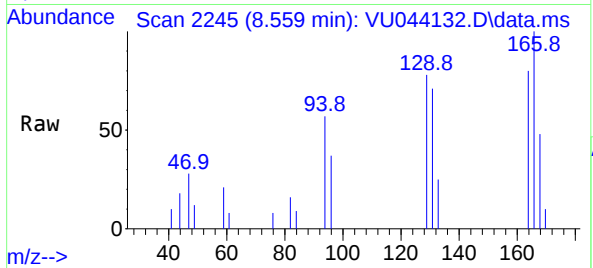
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 9.423 min Scan# 2514  
 Delta R.T. 0.000 min  
 Lab File: VU044132.D  
 Acq: 09 Jun 2021 10:56

Tgt Ion: 117 Resp: 251916  
 Ion Ratio Lower Upper  
 117 100  
 82 63.0 48.8 73.2  
 119 32.0 25.0 37.6

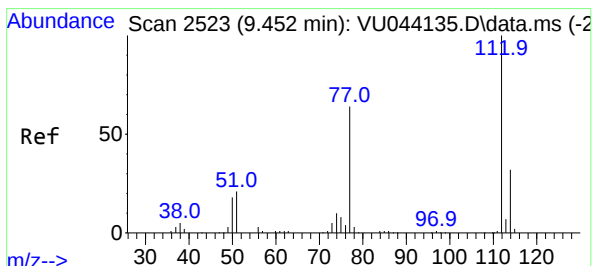
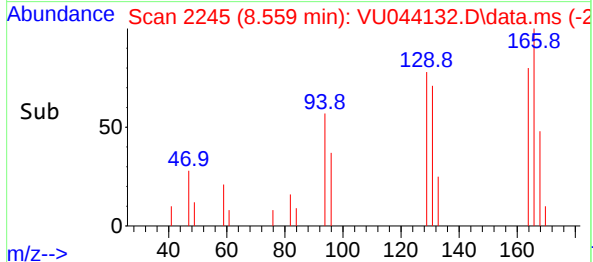
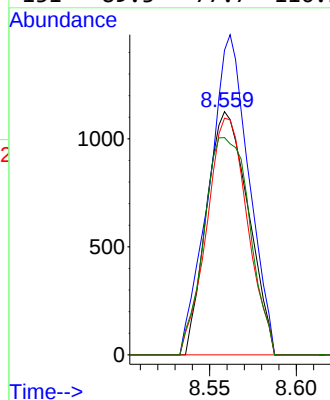




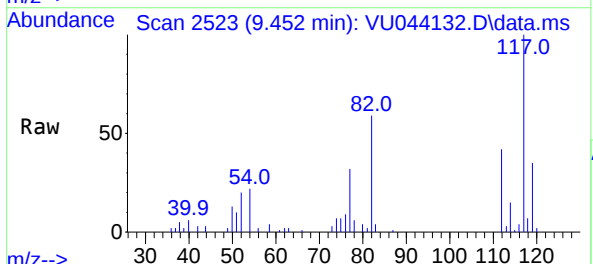
#64  
Tetrachloroethene  
Concen: 1.044 ug/l  
RT: 8.559 min Scan# 2245  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



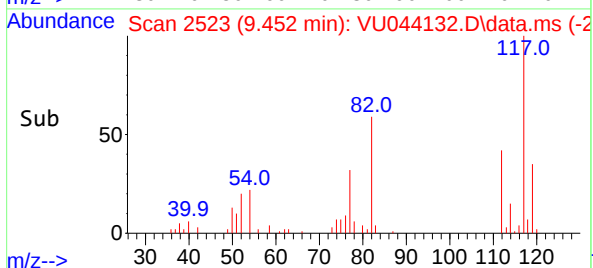
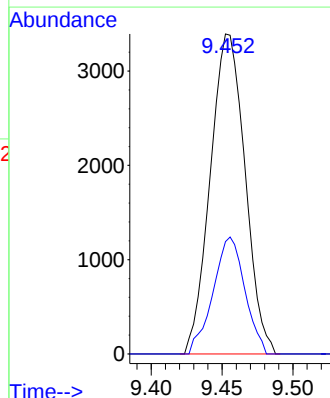
Tgt Ion:164 Resp: 1891  
Ion Ratio Lower Upper  
164 100  
166 125.2 100.5 150.7  
129 97.2 79.0 118.6  
131 89.3 77.7 116.5



#65  
Chlorobenzene  
Concen: 1.075 ug/l  
RT: 9.452 min Scan# 2523  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



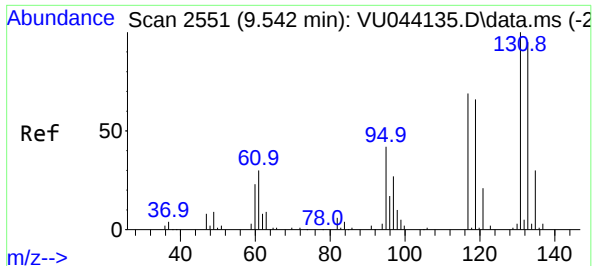
Tgt Ion:112 Resp: 5787  
Ion Ratio Lower Upper  
112 100  
114 35.1 25.9 38.9



Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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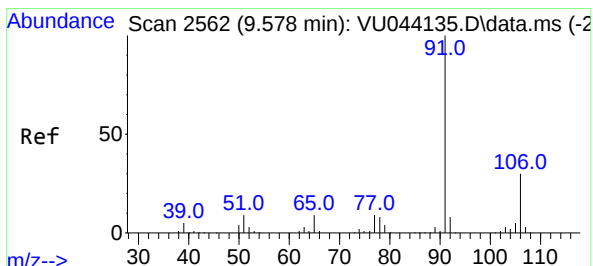
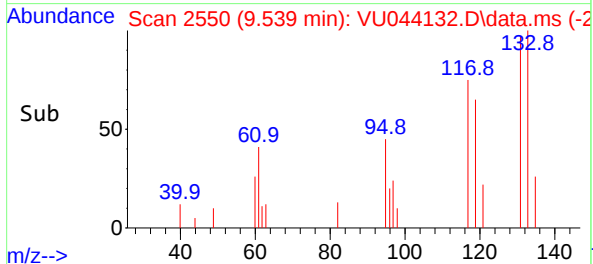
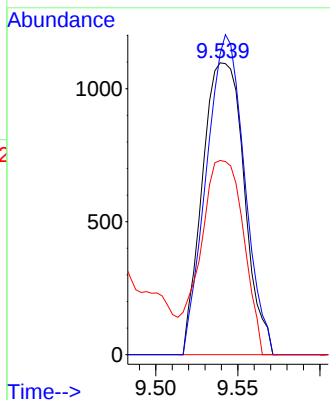
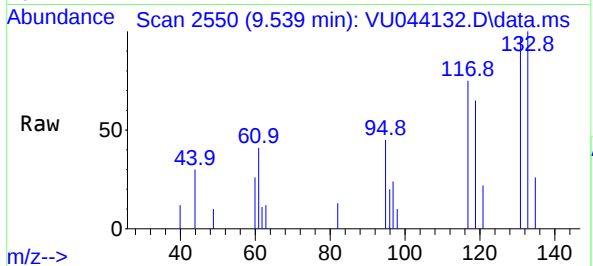
#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.960 ug/l  
RT: 9.539 min Scan# 2550  
Delta R.T. -0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

Tgt Ion:131 Resp: 1944  
Ion Ratio Lower Upper  
131 100  
133 99.9 47.3 141.9  
119 0.0 33.2 99.6#

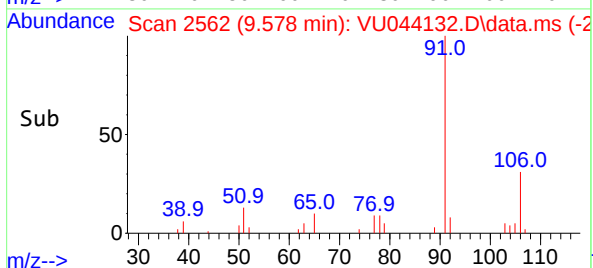
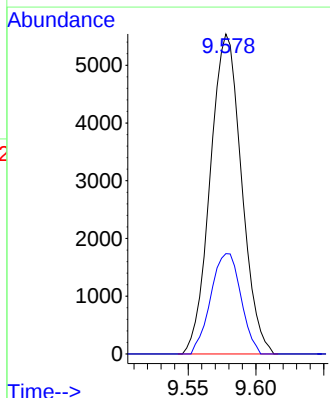
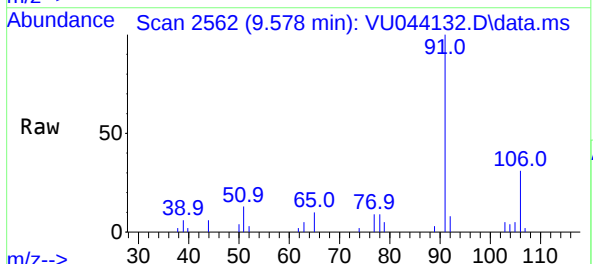
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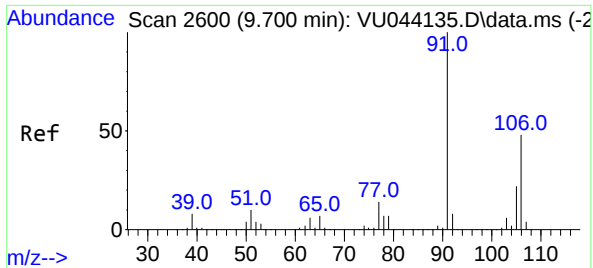
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#67  
Ethyl Benzene  
Concen: 0.911 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 91 Resp: 8883  
Ion Ratio Lower Upper  
91 100  
106 31.4 23.9 35.9





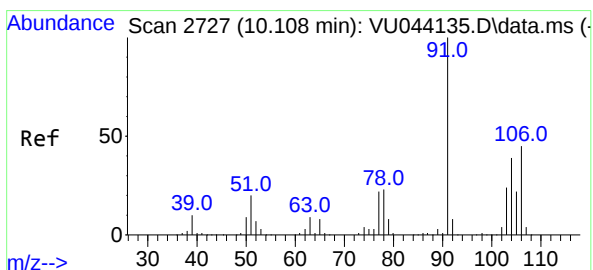
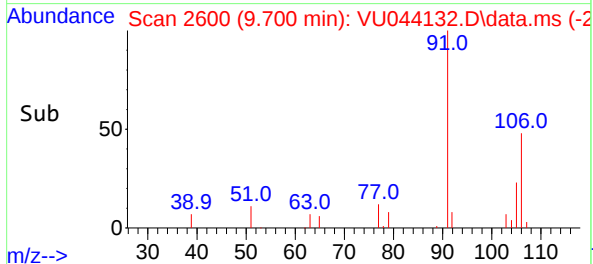
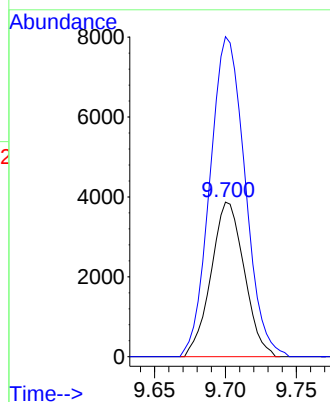
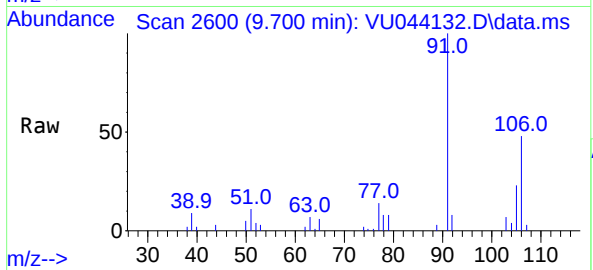
#68  
m/p-Xylenes  
Concen: 1.747 ug/l  
RT: 9.700 min Scan# 2600  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Tgt Ion:106 Resp: 6314  
Ion Ratio Lower Upper  
106 100  
91 218.8 167.4 251.2

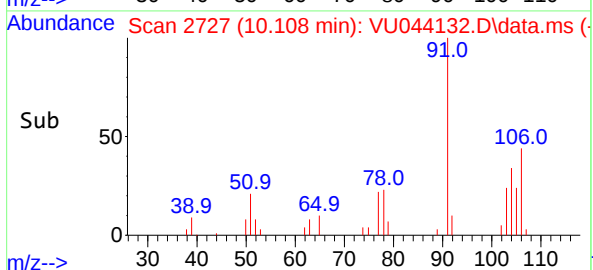
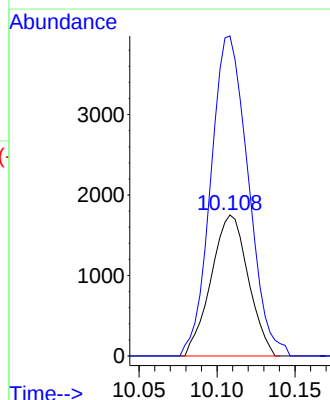
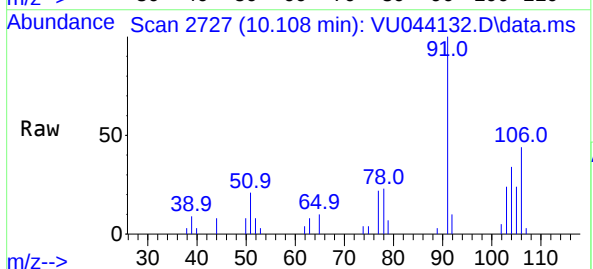
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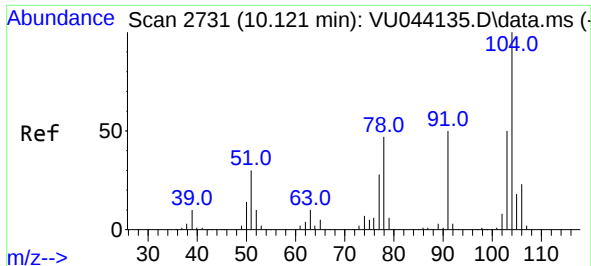
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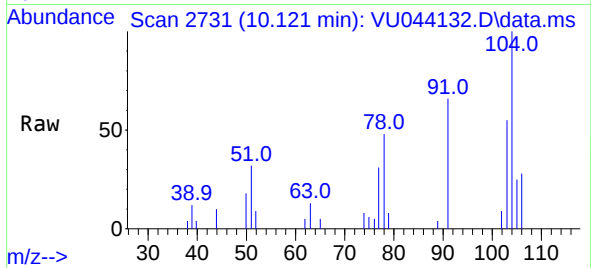
#69  
o-Xylene  
Concen: 0.825 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion:106 Resp: 2903  
Ion Ratio Lower Upper  
106 100  
91 228.6 111.8 335.3

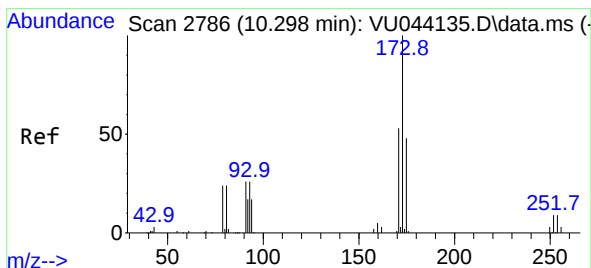
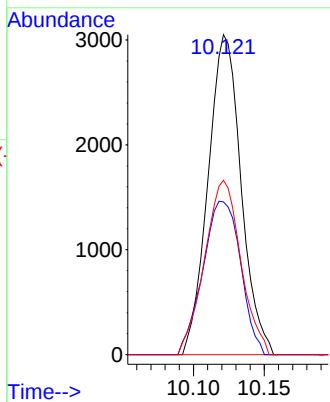
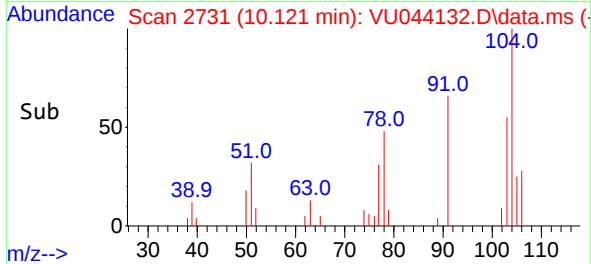




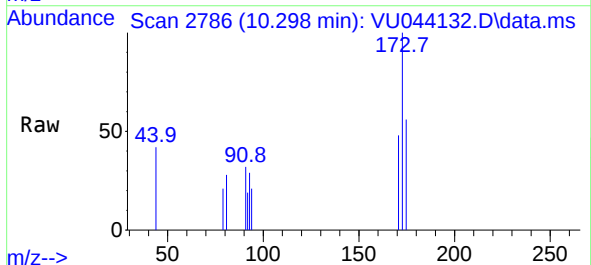
#70  
Styrene  
Concen: 0.832 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



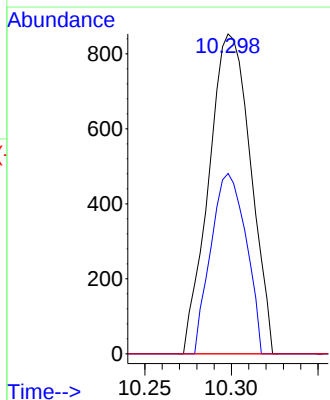
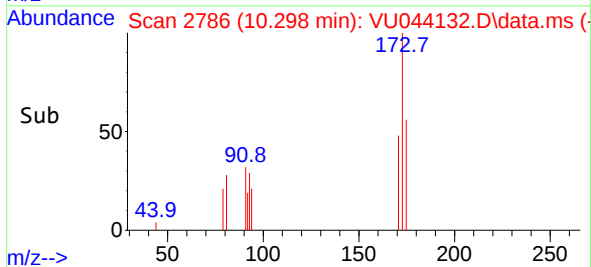
Tgt Ion:104 Resp: 4945  
Ion Ratio Lower Upper  
104 100  
78 54.7 41.1 61.7  
103 59.7 43.4 65.2



#71  
Bromoform  
Concen: 0.700 ug/l  
RT: 10.298 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



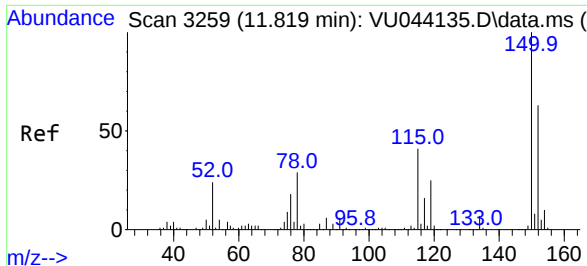
Tgt Ion:173 Resp: 1432  
Ion Ratio Lower Upper  
173 100  
175 47.3 24.1 72.3  
254 0.0 0.0 0.0



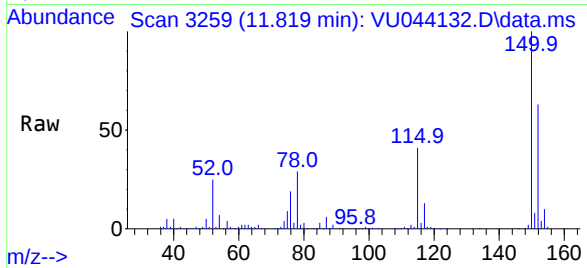
Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

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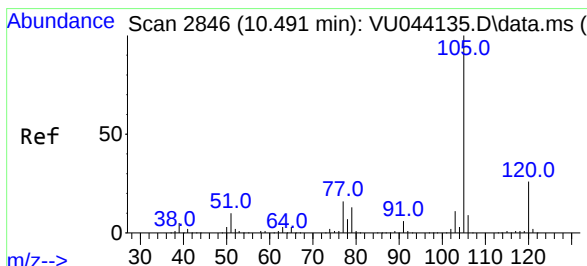
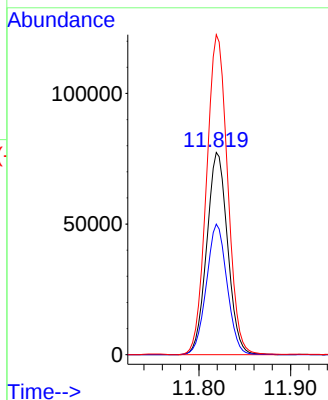
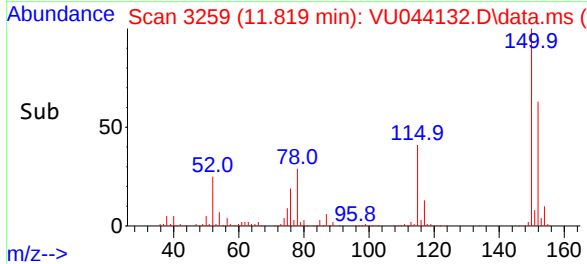
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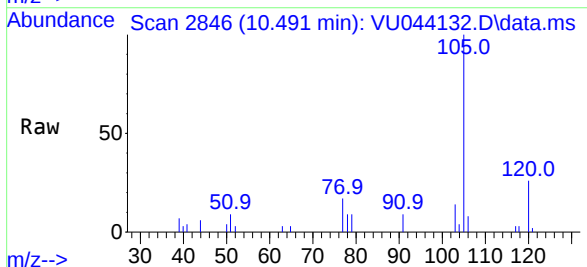
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



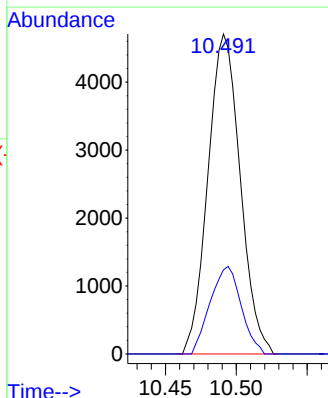
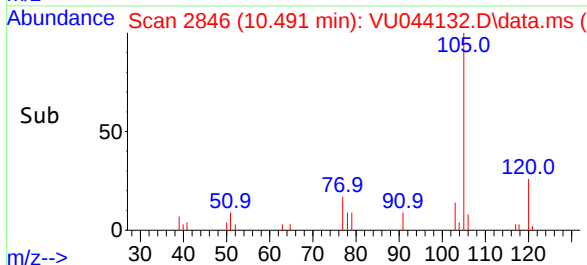
Tgt Ion:152 Resp: 122565  
Ion Ratio Lower Upper  
152 100  
115 64.1 43.8 131.3  
150 159.8 0.0 350.6



#73  
Isopropylbenzene  
Concen: 0.896 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



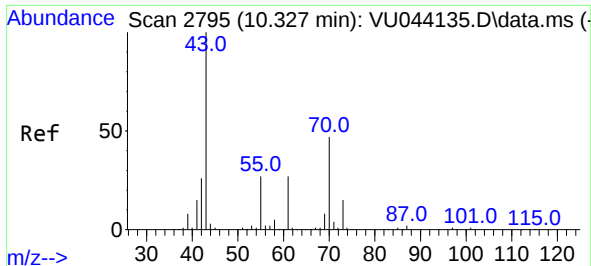
Tgt Ion:105 Resp: 7462  
Ion Ratio Lower Upper  
105 100  
120 26.2 12.8 38.4



Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

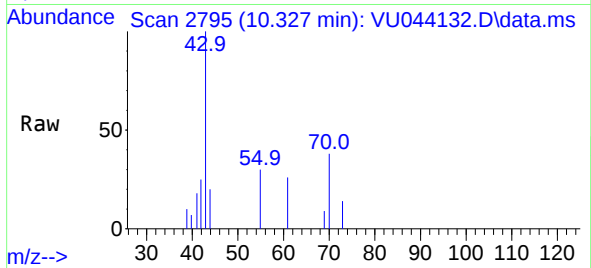
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6/10/2021 12:56:10 PM



#74  
N-amy1 acetate  
Concen: 0.727 ug/l  
RT: 10.327 min Scan# 2795  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

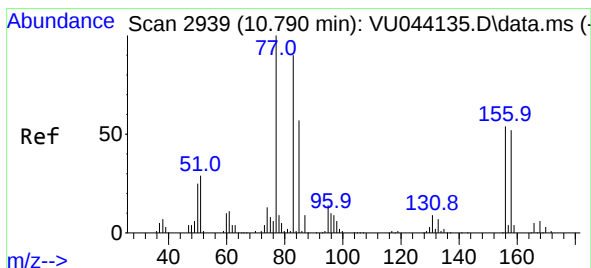
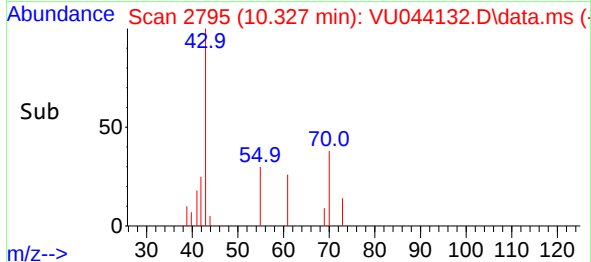
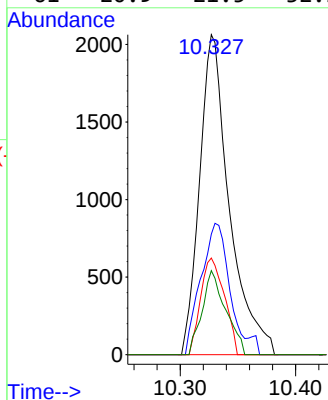
Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001



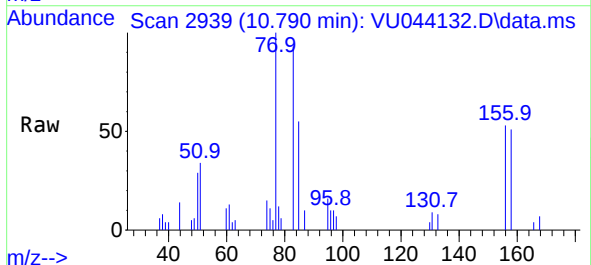
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3685  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 40.7  | 37.7  | 56.5  |
| 55       | 24.1  | 22.4  | 33.6  |
| 61       | 20.9  | 21.5  | 32.3# |

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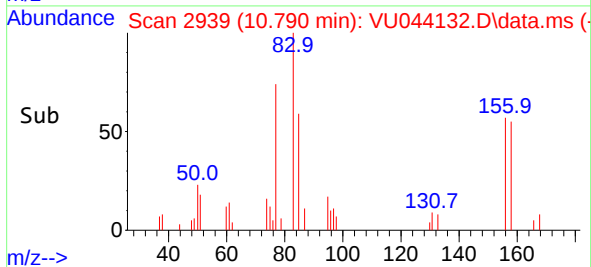
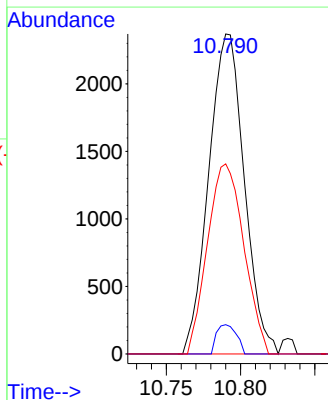
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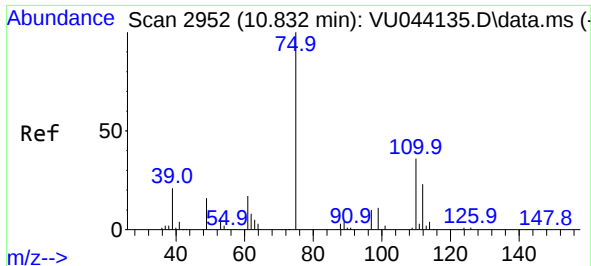


#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.101 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 3942  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 5.1   | 4.5   | 13.4  |
| 85       | 60.8  | 31.9  | 95.9  |





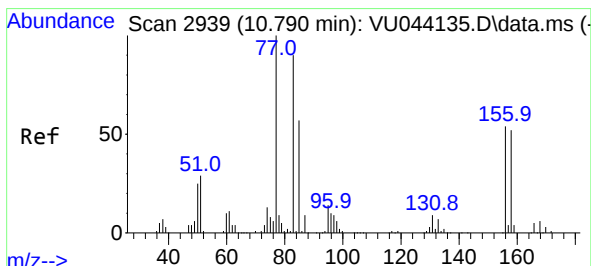
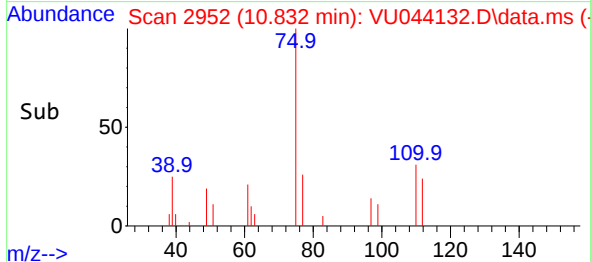
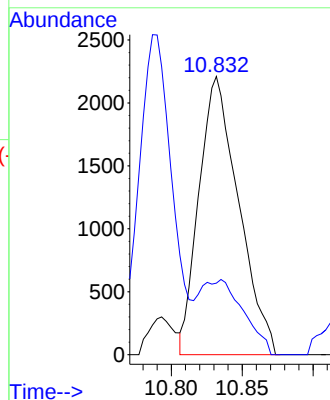
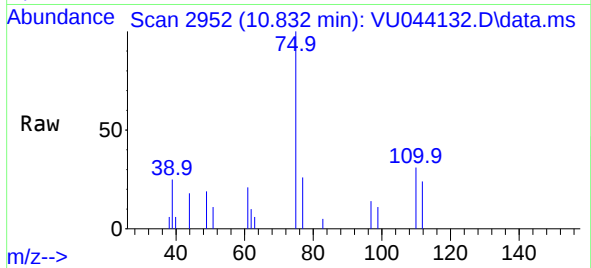
#76  
1,2,3-Trichloropropane  
Concen: 1.156 ug/l  
RT: 10.832 min Scan# 2952  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 75 Resp: 4296  
Ion Ratio Lower Upper  
75 100  
77 29.4 14.9 44.5

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

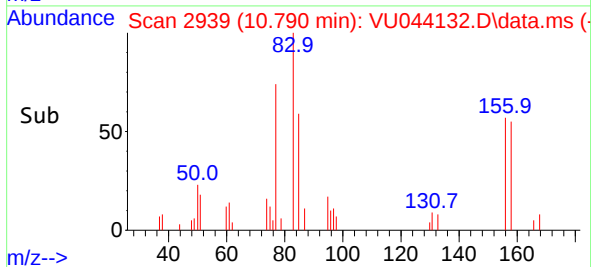
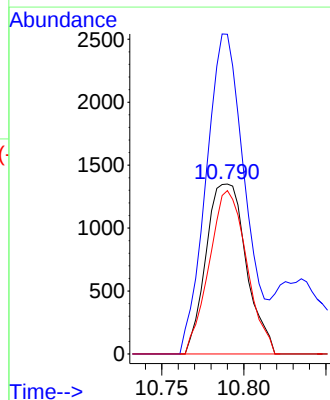
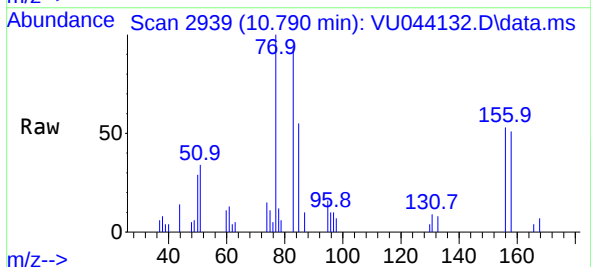
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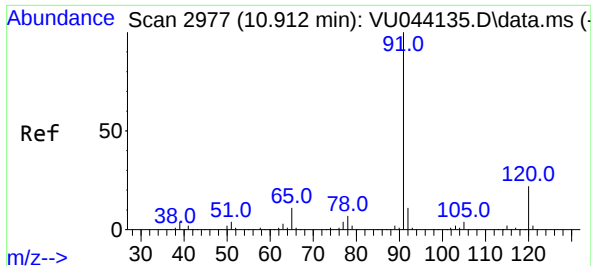
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#77  
Bromobenzene  
Concen: 1.011 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion:156 Resp: 2295  
Ion Ratio Lower Upper  
156 100  
77 183.4 93.2 279.5  
158 89.9 48.4 145.0





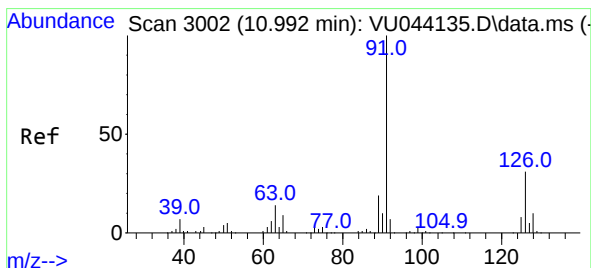
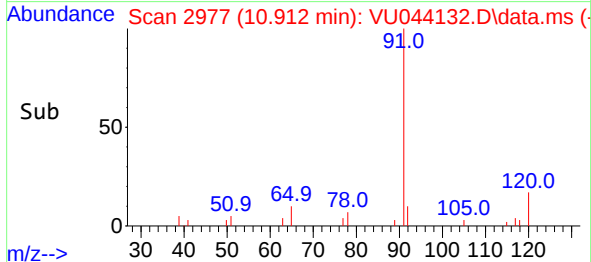
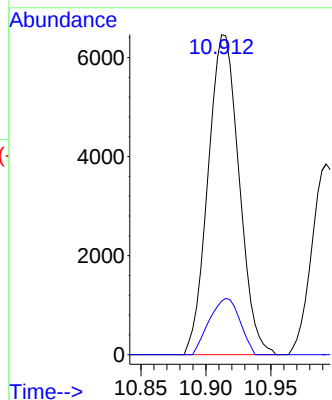
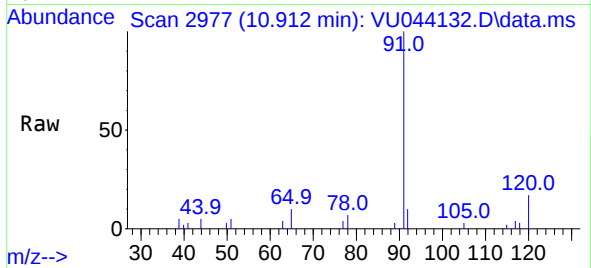
#78  
n-propylbenzene  
Concen: 1.069 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 91 Resp: 10739  
Ion Ratio Lower Upper  
91 100  
120 17.2 10.8 32.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

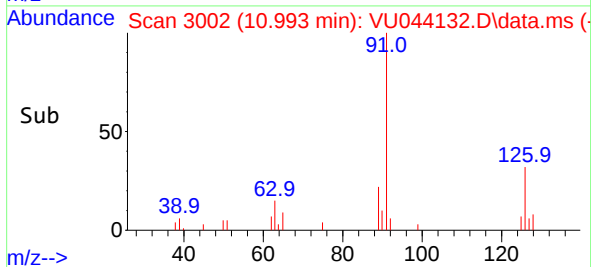
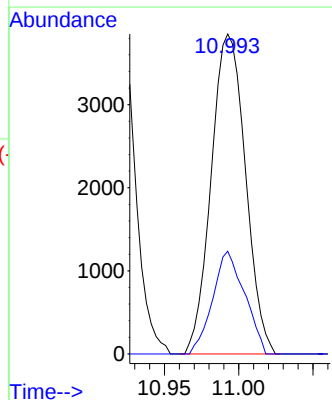
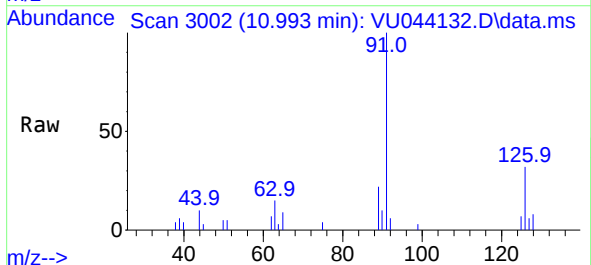
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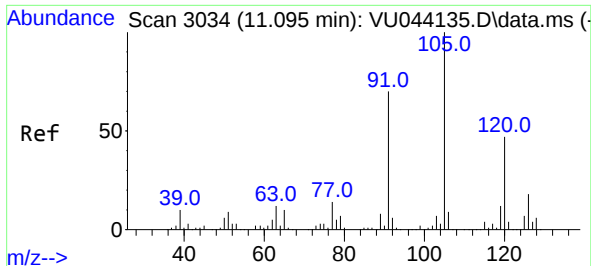
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6/10/2021 12:56:10 PM



#79  
2-Chlorotoluene  
Concen: 1.015 ug/l  
RT: 10.993 min Scan# 3002  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 91 Resp: 6174  
Ion Ratio Lower Upper  
91 100  
126 30.0 15.4 46.4





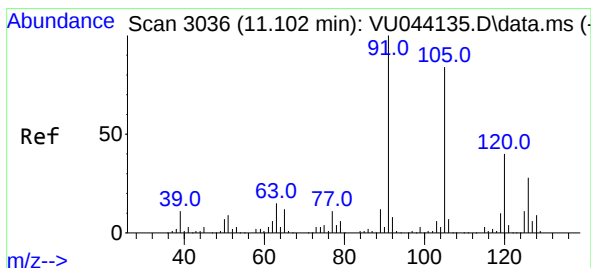
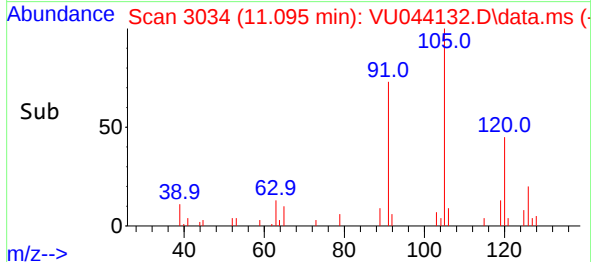
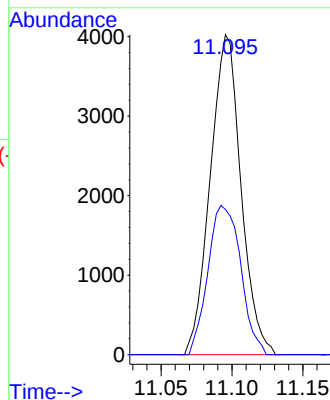
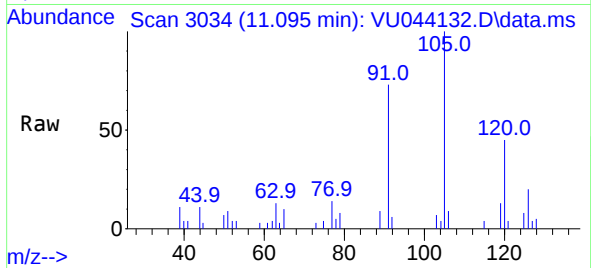
#80  
1,3,5-Trimethylbenzene  
Concen: 0.828 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 105 Resp: 6068  
Ion Ratio Lower Upper  
105 100  
120 49.7 23.5 70.5

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

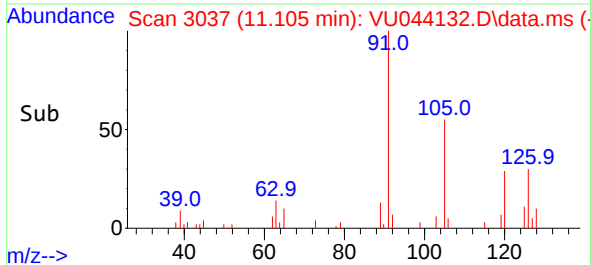
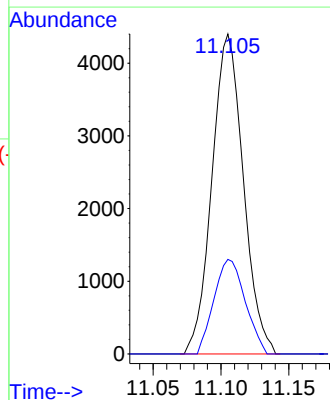
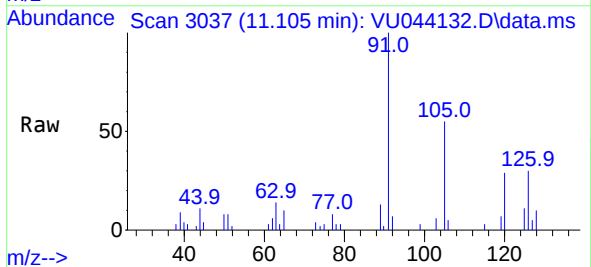
Manual Integrations  
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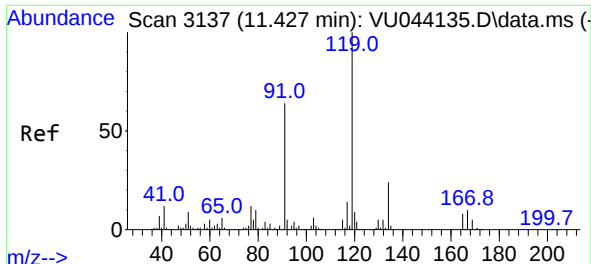
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#82  
4-Chlorotoluene  
Concen: 0.970 ug/l  
RT: 11.105 min Scan# 3037  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion: 91 Resp: 7082  
Ion Ratio Lower Upper  
91 100  
126 29.3 13.7 41.0





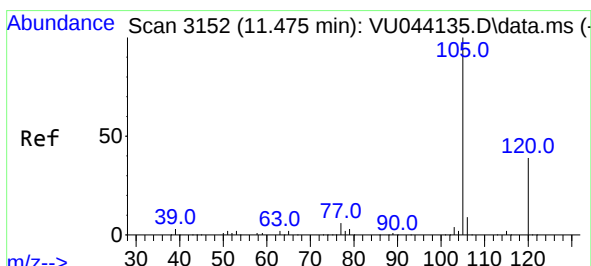
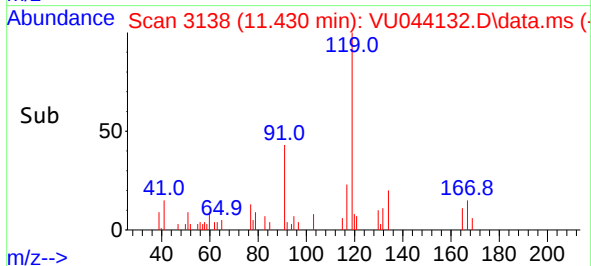
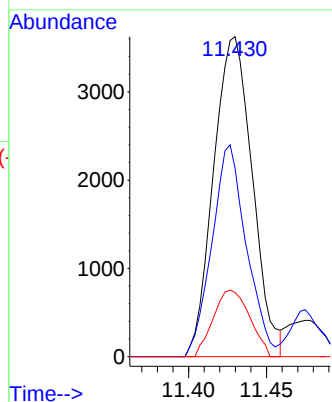
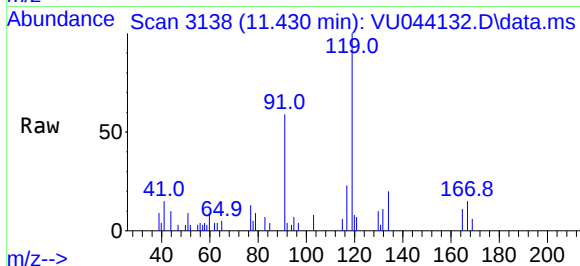
#83  
tert-Butylbenzene  
Concen: 0.877 ug/l  
RT: 11.430 min Scan# 3138  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Tgt Ion:119 Resp: 6276  
Ion Ratio Lower Upper  
119 100  
91 58.8 30.3 90.8  
134 19.5 11.5 34.5

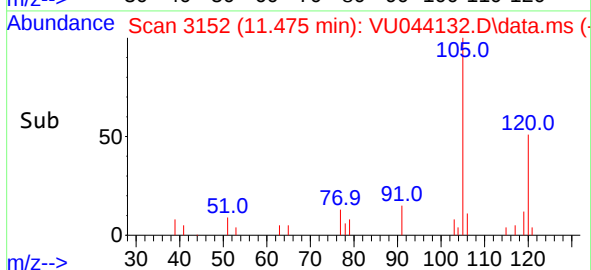
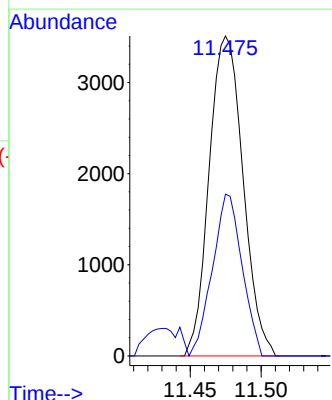
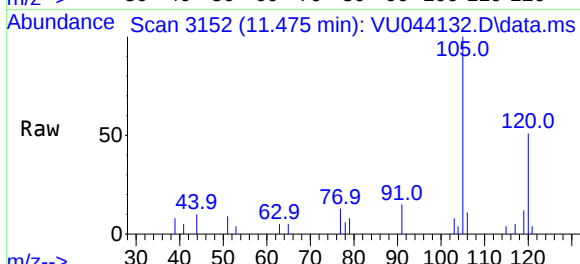
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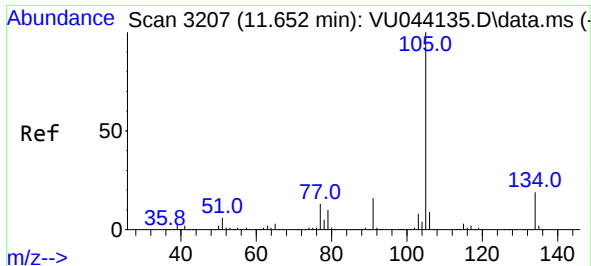
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#84  
1,2,4-Trimethylbenzene  
Concen: 0.774 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion:105 Resp: 5841  
Ion Ratio Lower Upper  
105 100  
120 44.1 21.9 65.8





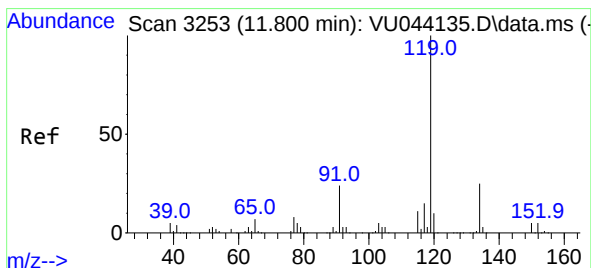
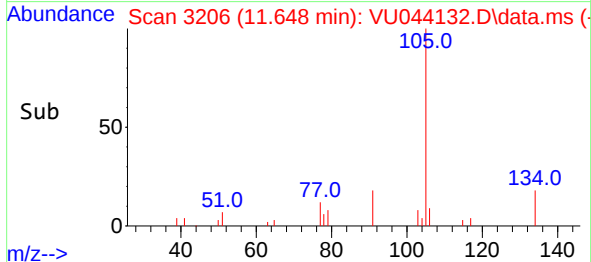
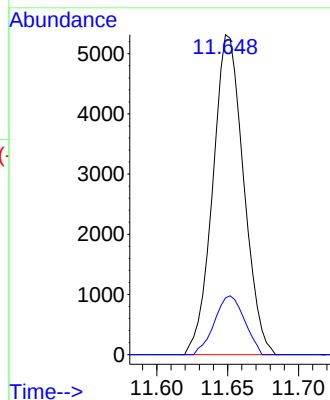
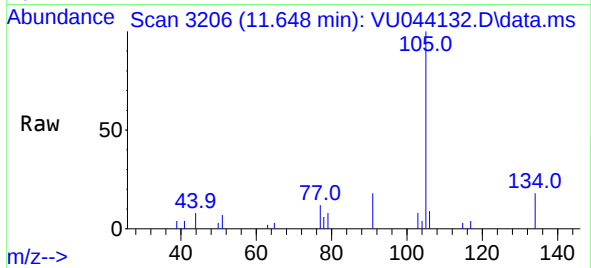
#85  
 sec-Butylbenzene  
 Concen: 0.939 ug/l  
 RT: 11.648 min Scan# 3206  
 Delta R.T. -0.003 min  
 Lab File: VU044132.D  
 Acq: 09 Jun 2021 10:56

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:105 Resp: 8032  
 Ion Ratio Lower Upper  
 105 100  
 134 18.0 9.4 28.2

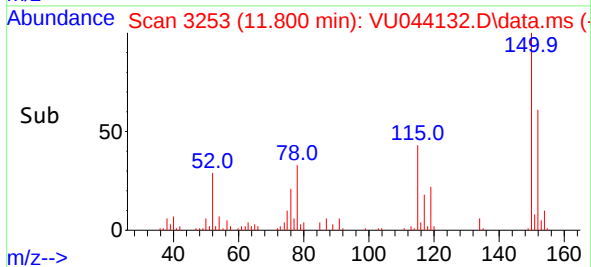
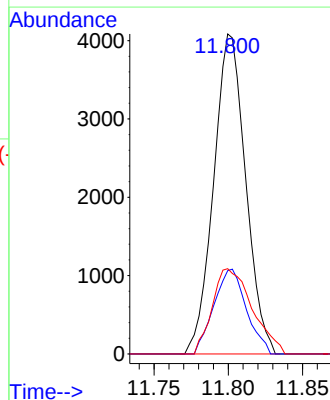
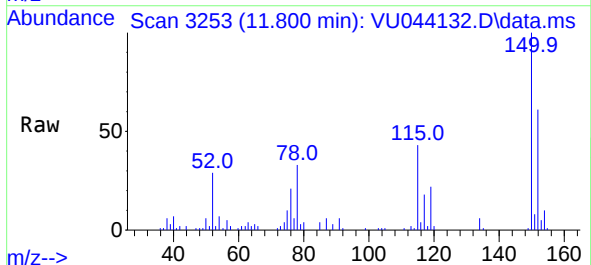
Manual Integrations  
 APPROVED

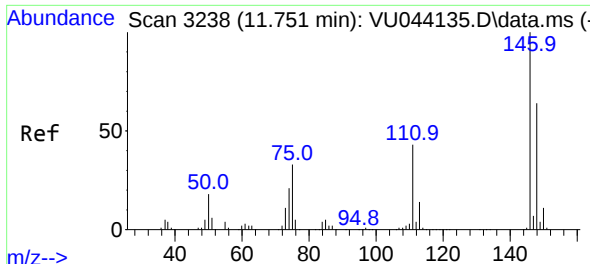
MMDadoda  
 6/10/2021 12:56:10 PM



#86  
 p-Isopropyltoluene  
 Concen: 0.785 ug/l  
 RT: 11.800 min Scan# 3253  
 Delta R.T. 0.000 min  
 Lab File: VU044132.D  
 Acq: 09 Jun 2021 10:56

Tgt Ion:119 Resp: 6122  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 12.6 37.6  
 91 33.2 12.3 36.8





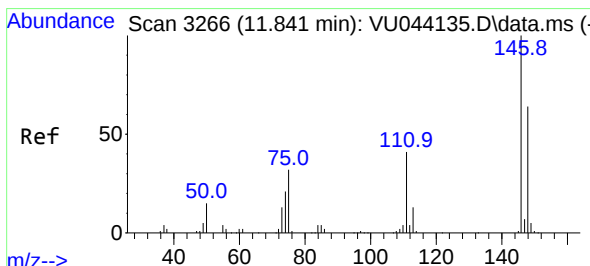
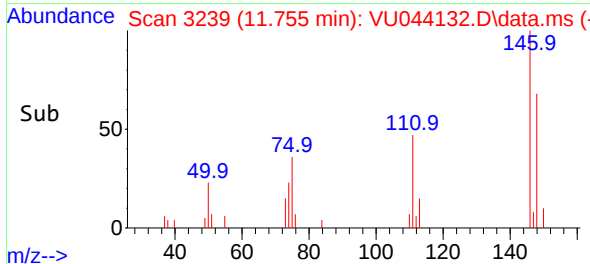
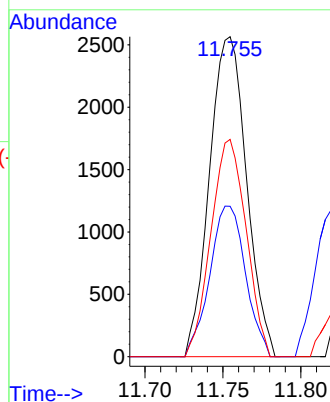
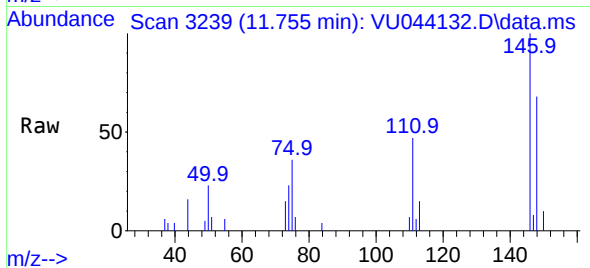
#87  
1,3-Dichlorobenzene  
Concen: 1.024 ug/l  
RT: 11.755 min Scan# 3239  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion:146 Resp: 4250  
Ion Ratio Lower Upper  
146 100  
111 45.4 21.6 64.8  
148 64.5 31.9 95.7

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

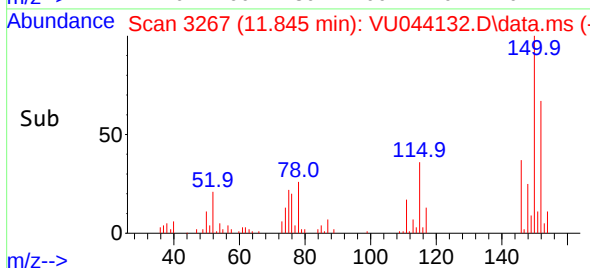
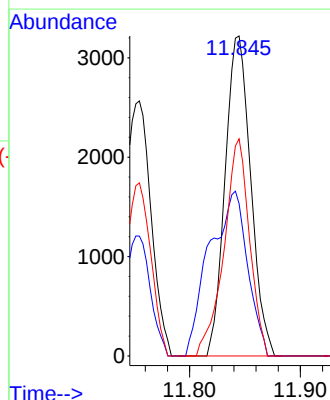
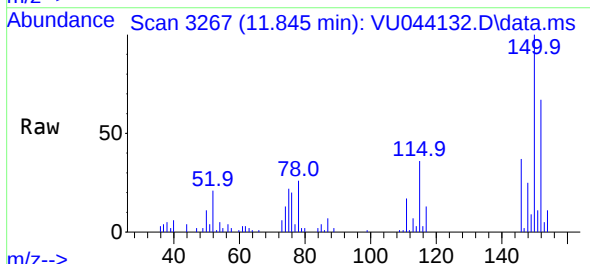
Manual Integrations  
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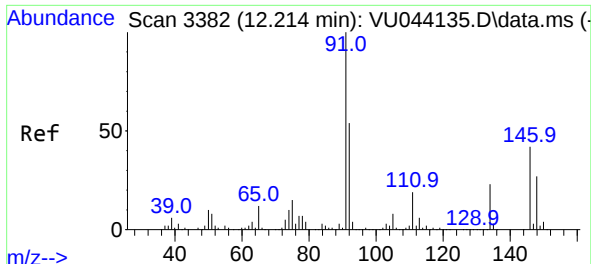
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#88  
1,4-Dichlorobenzene  
Concen: 1.197 ug/l m  
RT: 11.845 min Scan# 3267  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

Tgt Ion:146 Resp: 5170  
Ion Ratio Lower Upper  
146 100  
111 37.3 20.9 62.8  
148 53.1 32.2 96.6





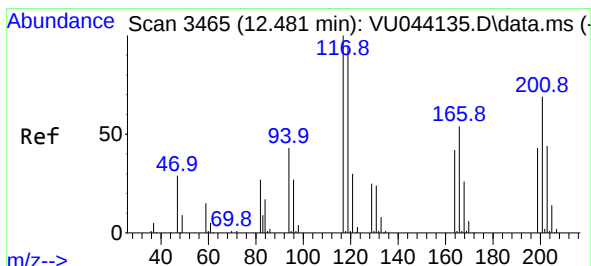
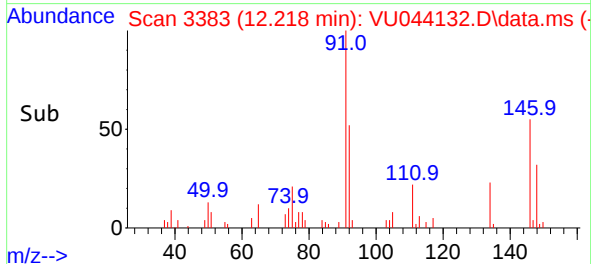
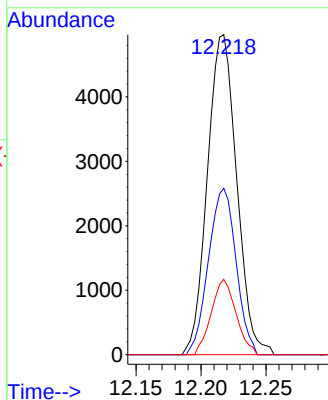
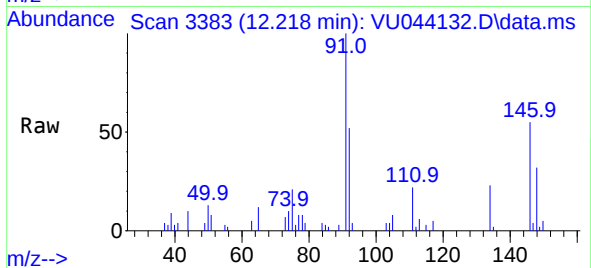
#89  
n-Butylbenzene  
Concen: 1.064 ug/l  
RT: 12.218 min Scan# 3383  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 7791  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 48.9  | 27.1  | 81.2  |
| 134      | 19.9  | 11.9  | 35.5  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

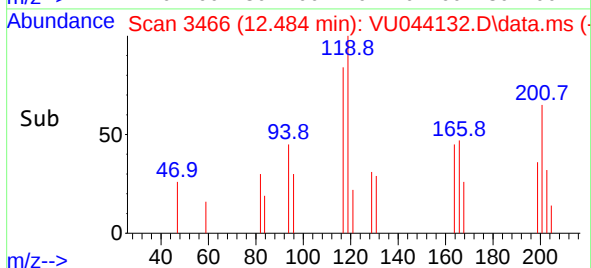
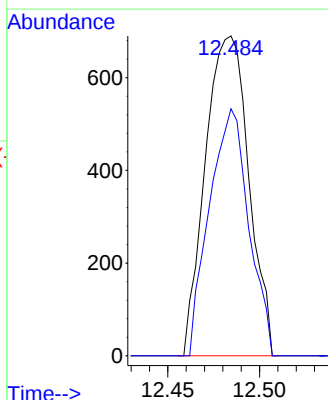
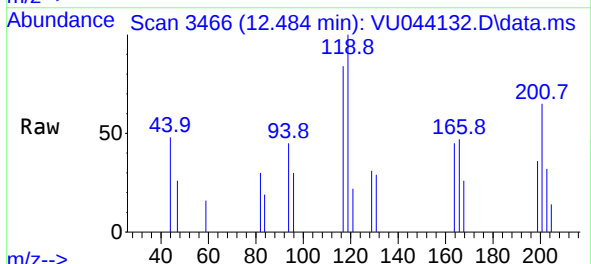
Manual Integrations  
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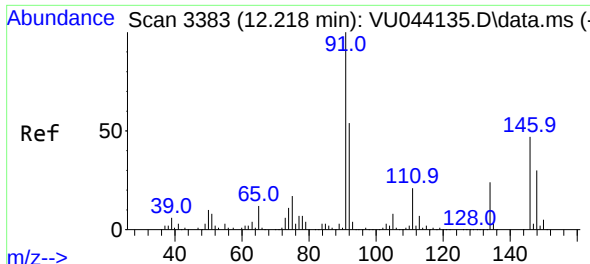
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#90  
Hexachloroethane  
Concen: 0.805 ug/l  
RT: 12.484 min Scan# 3466  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 1137  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 69.8  | 35.4  | 106.3 |





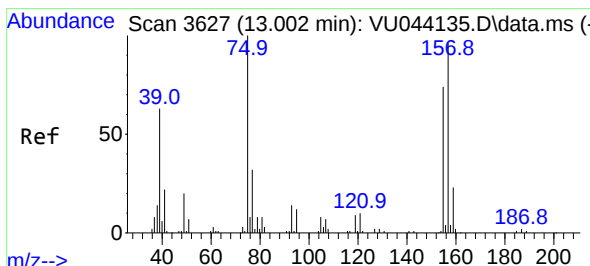
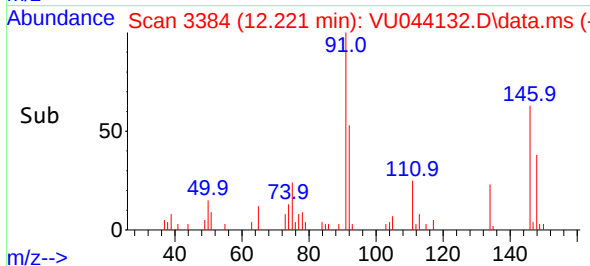
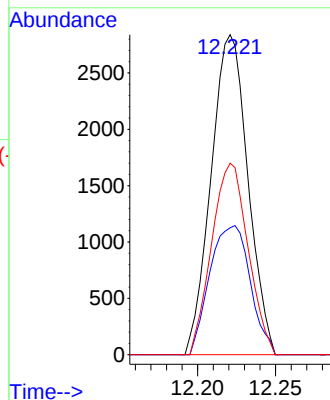
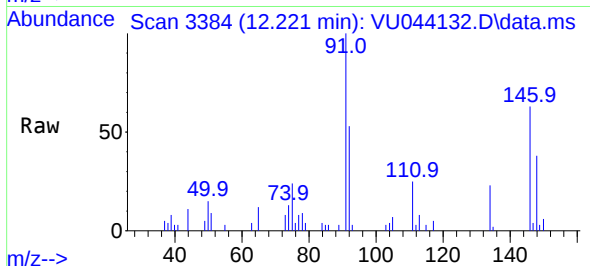
#91  
1,2-Dichlorobenzene  
Concen: 1.106 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 4664  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 44.3  | 22.1  | 66.5  |
| 148      | 59.2  | 31.9  | 95.5  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

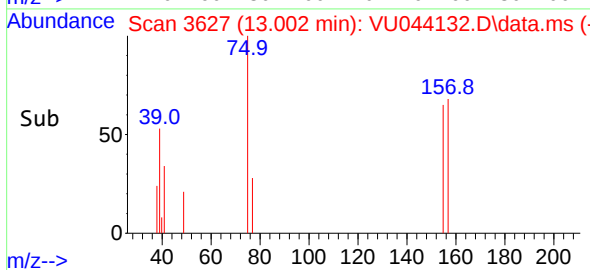
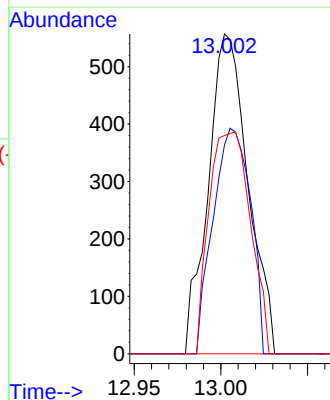
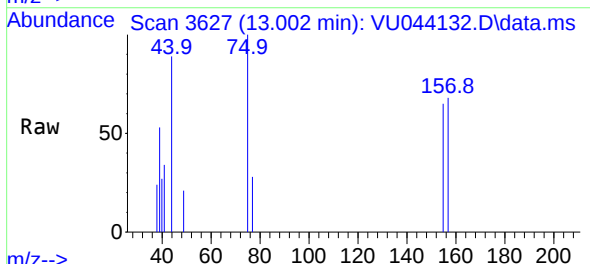
Manual Integrations  
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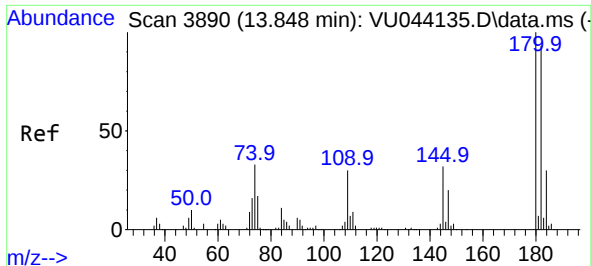
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.910 ug/l  
RT: 13.002 min Scan# 3627  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

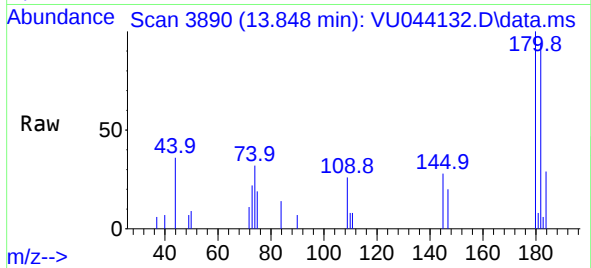
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 891   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 66.3  | 38.2  | 114.6 |
| 157      | 71.9  | 48.3  | 144.9 |





#93  
1,2,4-Trichlorobenzene  
Concen: 1.021 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

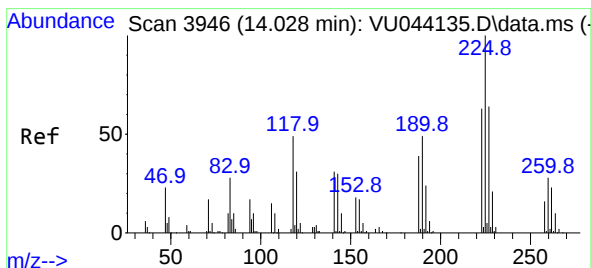
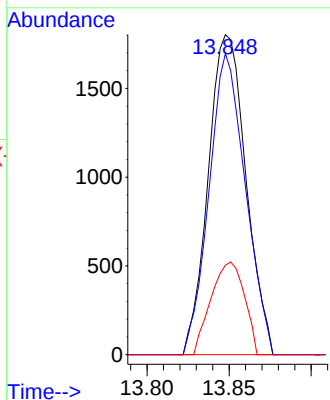
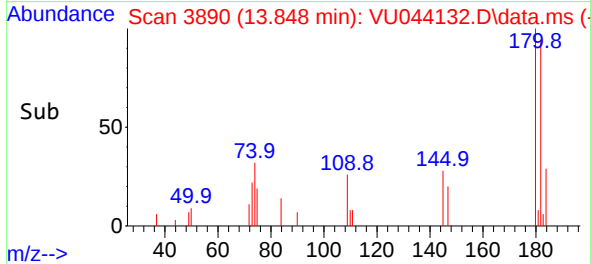
Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001



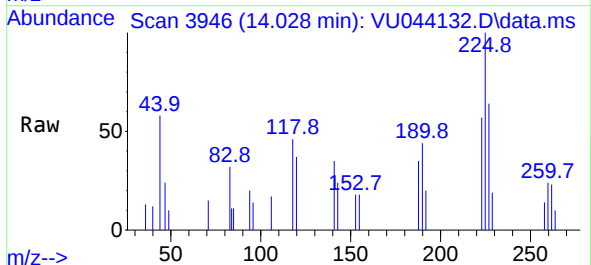
Tgt Ion:180 Resp: 2878  
Ion Ratio Lower Upper  
180 100  
182 90.7 47.3 141.8  
145 25.6 16.1 48.2

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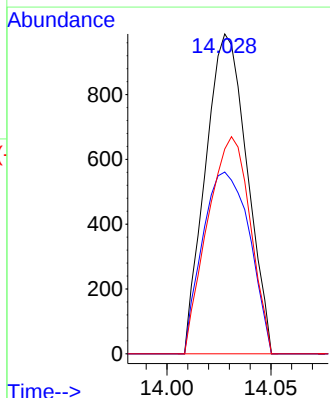
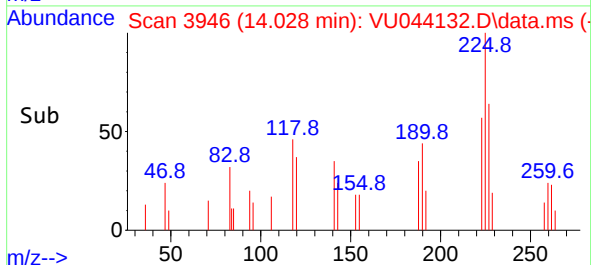
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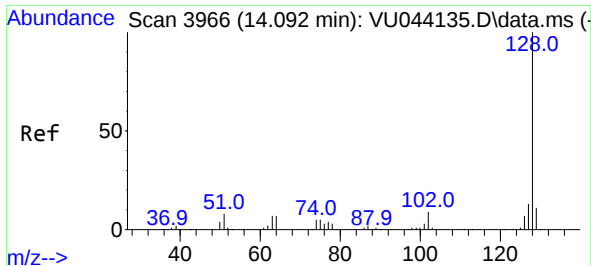


#94  
Hexachlorobutadiene  
Concen: 0.902 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. 0.000 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



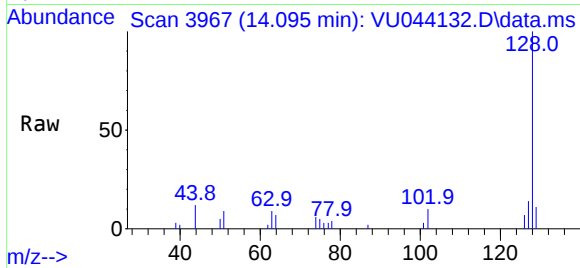
Tgt Ion:225 Resp: 1373  
Ion Ratio Lower Upper  
225 100  
223 64.3 31.2 93.6  
227 69.8 32.2 96.6





#95  
Naphthalene  
Concen: 1.087 ug/l  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56

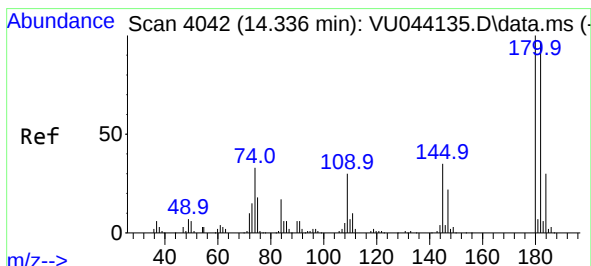
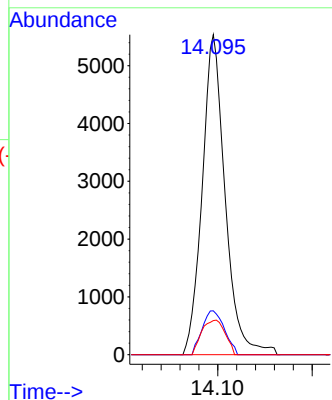
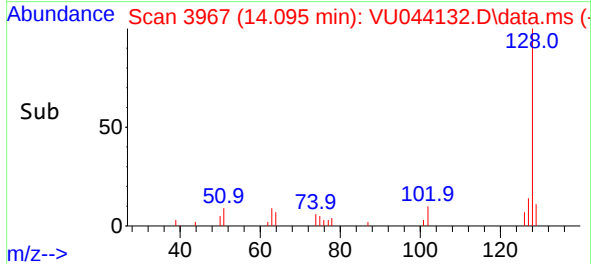
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001



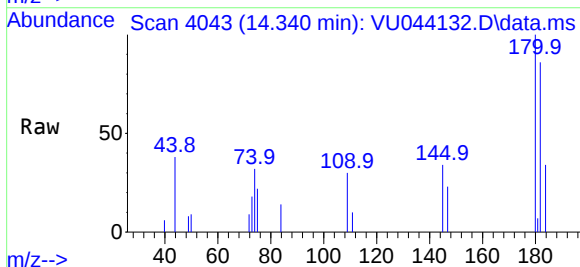
Tgt Ion:128 Resp: 9320  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.2 15.2  
129 11.0 8.6 13.0

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 0.978 ug/l  
RT: 14.340 min Scan# 4043  
Delta R.T. 0.003 min  
Lab File: VU044132.D  
Acq: 09 Jun 2021 10:56



Tgt Ion:180 Resp: 2701  
Ion Ratio Lower Upper  
180 100  
182 90.3 47.9 143.7  
145 33.4 17.2 51.6

