

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070721\  
 Data File : VU044315.D  
 Acq On : 07 Jul 2021 13:42  
 Operator : SY/MD  
 Sample : VSTDICCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

Manual Integrations  
 APPROVED

MMDadoda  
 7/9/2021 6:26:43 PM

Quant Time: Jul 08 01:16:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U070721DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jul 08 01:14:30 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Fluorobenzene             | 6.122  | 96   | 28877    | 1.000  | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 57) 4-Bromofluorobenzene     | 10.639 | 95   | 12781    | 1.236  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 124.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.202 | 152  | 12936    | 1.171  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 117.000% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.389  | 85   | 101271   | 8.592  | ug/l     | 100      |
| 3) Chloromethane             | 1.524  | 50   | 93894    | 7.471  | ug/l     | 100      |
| 4) Vinyl Chloride            | 1.610  | 62   | 103611   | 8.611  | ug/l     | 100      |
| 5) Bromomethane              | 1.864  | 94   | 59418    | 8.211  | ug/l     | 100      |
| 6) Chloroethane              | 1.942  | 64   | 66971    | 8.931  | ug/l     | 100      |
| 7) Trichlorofluoromethane    | 2.147  | 101  | 154949   | 10.963 | ug/l     | 100      |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.591  | 101  | 90320    | 11.070 | ug/l     | 100      |
| 9) 1,1-Dichloroethene        | 2.588  | 96   | 78793    | 10.353 | ug/l     | 100      |
| 10) Iodomethane              | 2.733  | 142  | 88627    | 9.445  | ug/l     | 100      |
| 11) Allyl Chloride           | 2.932  | 41   | 135868   | 10.938 | ug/l     | 100      |
| 12) Acrylonitrile            | 3.327  | 53   | 32157    | 20.914 | ug/l     | 100      |
| 13) Acetone                  | 2.636  | 43   | 53224    | 54.194 | ug/l     | 100      |
| 14) Carbon Disulfide         | 2.800  | 76   | 209917   | 8.318  | ug/l     | 100      |
| 15) Methylene Chloride       | 3.054  | 84   | 97837    | 8.497  | ug/l     | 100      |
| 16) trans-1,2-Dichloroethene | 3.363  | 96   | 85288    | 10.142 | ug/l     | 100      |
| 17) 1,1-Dichloroethane       | 3.880  | 63   | 174196   | 10.705 | ug/l     | 100      |
| 18) 2-Butanone               | 4.729  | 43   | 104124   | 53.504 | ug/l     | 100      |
| 19) Cyclohexane              | 5.392  | 56   | 138907   | 9.284  | ug/l     | 100      |
| 20) Methylcyclohexane        | 6.768  | 83   | 144981   | 11.846 | ug/l     | 100      |
| 21) 2,2-Dichloropropane      | 4.675  | 77   | 164629   | 12.283 | ug/l     | 100      |
| 22) cis-1,2-Dichloroethene   | 4.678  | 96   | 98240    | 10.870 | ug/l     | 100      |
| 23) Diethyl Ether            | 2.385  | 59   | 64610    | 10.391 | ug/l     | 100      |
| 24) tert-Butyl Alcohol       | 3.202  | 59   | 43837    | 66.835 | ug/l     | 100      |
| 25) Methyl tert-Butyl Ether  | 3.379  | 73   | 240514   | 12.204 | ug/l     | 100      |
| 26) Bromochloromethane       | 4.987  | 128  | 43776    | 11.770 | ug/l     | 100      |
| 27) Chloroform               | 5.099  | 83   | 178132   | 11.112 | ug/l     | 100      |
| 28) 1,1,1-Trichloroethane    | 5.324  | 97   | 161285   | 11.763 | ug/l     | 100      |
| 29) 1,1-Dichloropropene      | 5.533  | 75   | 119211   | 9.740  | ug/l     | 100      |
| 30) Carbon Tetrachloride     | 5.530  | 117  | 127473   | 10.893 | ug/l     | 100      |
| 31) Isopropyl Ether          | 4.012  | 45   | 295810   | 11.320 | ug/l     | 100      |
| 32) Ethyl-t-butyl ether      | 4.523  | 59   | 296065   | 12.400 | ug/l     | 100      |
| 33) Tert-Amyl methyl ether   | 5.958  | 73   | 238530   | 12.933 | ug/l     | 100      |
| 34) Propionitrile            | 4.800  | 54   | 27464    | 54.300 | ug/l     | 100      |
| 35) Benzene                  | 5.781  | 78   | 330969   | 9.363  | ug/l     | 100      |
| 36) 1,2-Dichloroethane       | 5.806  | 62   | 110094   | 10.402 | ug/l     | 100      |
| 37) Trichloroethene          | 6.549  | 130  | 92593    | 10.970 | ug/l     | 100      |
| 38) 1,2-Dichloropropane      | 6.803  | 63   | 91369    | 9.748  | ug/l     | 100      |
| 39) Methacrylonitrile        | 4.993  | 41   | 34328    | 11.671 | ug/l     | 100      |
| 40) Methyl acrylate          | 4.864  | 55   | 48043    | 10.658 | ug/l     | 100      |
| 41) Tetrahydrofuran          | 5.080  | 42   | 27740    | 20.000 | ug/l     | 100      |
| 42) 1-Chlorobutane           | 5.466  | 56   | 161499   | 9.218  | ug/l     | 100      |
| 43) Dibromomethane           | 6.929  | 93   | 48776    | 10.414 | ug/l     | 100      |
| 44) Bromodichloromethane     | 7.115  | 83   | 123733   | 10.573 | ug/l     | 100      |

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 Sample : VSTDICCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

Manual Integrations  
 APPROVED

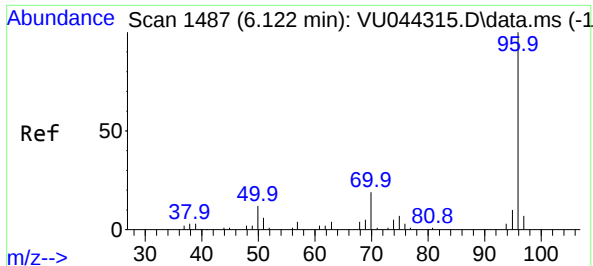
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 7/9/2021 6:26:43 PM

Quant Time: Jul 08 01:16:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U070721DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jul 08 01:14:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.810  | 43   | 343880   | 64.053 | ug/l  | 100      |
| 46) t-1,4-Dichloro-2-butene   | 10.842 | 75   | 59116m   | 24.789 | ug/l  |          |
| 47) Methyl methacrylate       | 6.977  | 69   | 100416   | 24.853 | ug/l  | 100      |
| 48) Ethyl methacrylate        | 8.346  | 69   | 106599   | 14.042 | ug/l  | 100      |
| 49) Toluene                   | 7.977  | 92   | 218608   | 11.061 | ug/l  | 100      |
| 50) t-1,3-Dichloropropene     | 8.221  | 75   | 128321   | 12.346 | ug/l  | 100      |
| 51) cis-1,3-Dichloropropene   | 7.617  | 75   | 144288   | 12.358 | ug/l  | 100      |
| 52) 1,1,2-Trichloroethane     | 8.411  | 97   | 68256    | 10.185 | ug/l  | 100      |
| 53) 1,3-Dichloropropane       | 8.584  | 76   | 124542   | 10.541 | ug/l  | 100      |
| 54) 2-Hexanone                | 8.700  | 43   | 249048   | 66.743 | ug/l  | 100      |
| 55) Dibromochloromethane      | 8.819  | 129  | 88989    | 11.761 | ug/l  | 100      |
| 56) 1,2-Dibromoethane         | 8.932  | 107  | 68197    | 11.254 | ug/l  | 100      |
| 58) Tetrachloroethene         | 8.559  | 164  | 84531    | 10.881 | ug/l  | 100      |
| 59) Chlorobenzene             | 9.456  | 112  | 245852   | 11.588 | ug/l  | 100      |
| 60) 1,1,1,2-Tetrachloroethane | 9.543  | 131  | 91749    | 11.389 | ug/l  | 100      |
| 61) Pentachloroethane         | 11.436 | 117  | 72745    | 11.151 | ug/l  | 100      |
| 62) Hexachloroethane          | 12.481 | 117  | 82349    | 12.475 | ug/l  | 100      |
| 63) Ethyl Benzene             | 9.578  | 91   | 441118   | 12.643 | ug/l  | 100      |
| 64) m/p-Xylenes               | 9.700  | 106  | 342550   | 24.971 | ug/l  | 100      |
| 65) o-Xylene                  | 10.105 | 106  | 167062   | 12.952 | ug/l  | 100      |
| 66) Styrene                   | 10.121 | 104  | 289400   | 12.790 | ug/l  | 100      |
| 67) Bromoform                 | 10.298 | 173  | 52820    | 12.555 | ug/l  | 100      |
| 69) Isopropylbenzene          | 10.491 | 105  | 457053   | 13.255 | ug/l  | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 92149    | 10.412 | ug/l  | 100      |
| 71) 1,2,3-Trichloropropane    | 10.835 | 75   | 71479m   | 10.745 | ug/l  |          |
| 72) Bromobenzene              | 10.787 | 156  | 107705   | 12.323 | ug/l  | 100      |
| 73) n-propylbenzene           | 10.912 | 120  | 126965   | 13.234 | ug/l  | 100      |
| 74) 2-Chlorotoluene           | 10.993 | 126  | 106556   | 12.420 | ug/l  | 100      |
| 75) 1,3,5-Trimethylbenzene    | 11.096 | 105  | 397864   | 12.991 | ug/l  | 100      |
| 76) 4-Chlorotoluene           | 11.105 | 126  | 111479   | 12.085 | ug/l  | 100      |
| 77) tert-Butylbenzene         | 11.427 | 119  | 397187   | 13.324 | ug/l  | 100      |
| 78) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 404095   | 12.904 | ug/l  | 100      |
| 79) sec-Butylbenzene          | 11.652 | 105  | 530135   | 12.843 | ug/l  | 100      |
| 80) Nitrobenzene              | 13.214 | 77   | 19676    | 69.828 | ug/l  | 100      |
| 81) p-Isopropyltoluene        | 11.800 | 119  | 449618   | 13.359 | ug/l  | 100      |
| 82) 1,3-Dichlorobenzene       | 11.752 | 146  | 216110   | 11.483 | ug/l  | 100      |
| 83) 1,4-Dichlorobenzene       | 11.842 | 146  | 216763   | 11.573 | ug/l  | 100      |
| 84) n-Butylbenzene            | 12.214 | 91   | 442159   | 13.258 | ug/l  | 100      |
| 85) 1,2-Dichlorobenzene       | 12.218 | 146  | 205243   | 11.463 | ug/l  | 100      |
| 86) 1,2-Dibromo-3-Chloropr... | 13.002 | 75   | 18025    | 12.914 | ug/l  | 100      |
| 87) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 149199   | 13.594 | ug/l  | 100      |
| 88) Hexachlorobutadiene       | 14.028 | 225  | 76570    | 11.196 | ug/l  | 100      |
| 89) Naphthalene               | 14.092 | 128  | 287385   | 14.746 | ug/l  | 100      |
| 90) 1,2,3-Trichlorobenzene    | 14.337 | 180  | 134615   | 13.000 | ug/l  | 100      |

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





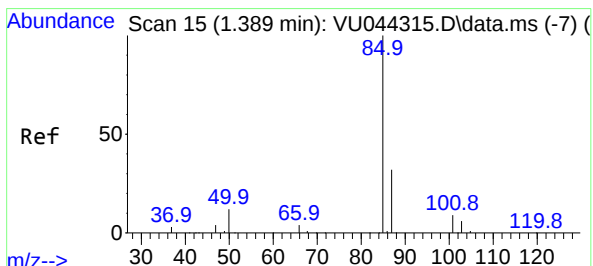
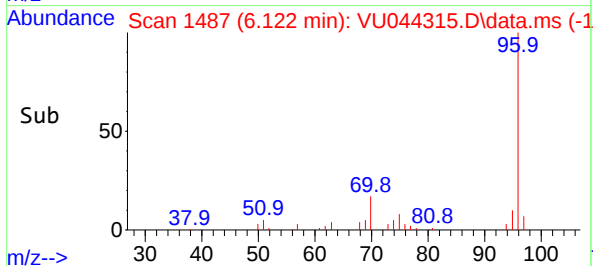
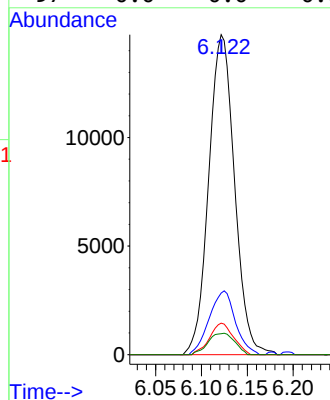
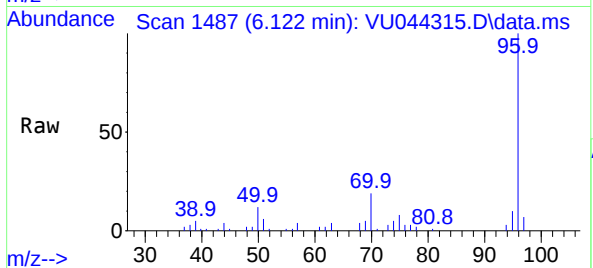
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Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.122 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 28877 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 20.2  | 16.2  | 24.2  |
| 95       | 9.1   | 7.3   | 10.9  |
| 97       | 0.0   | 0.0   | 0.0   |

Instrument :  
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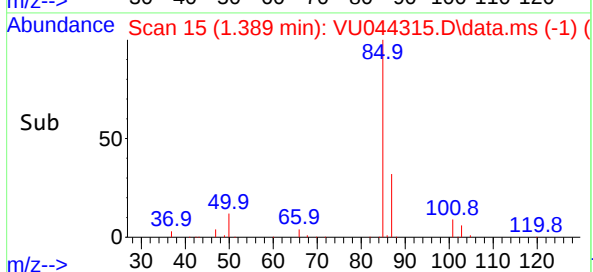
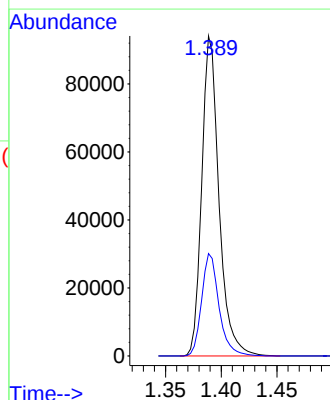
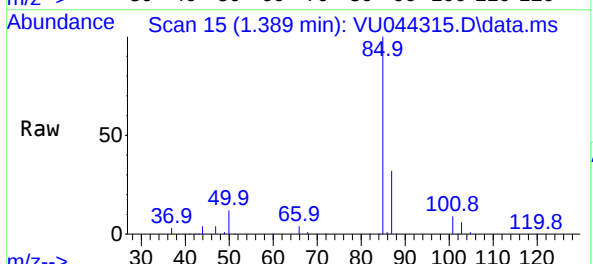
Manual Integrations  
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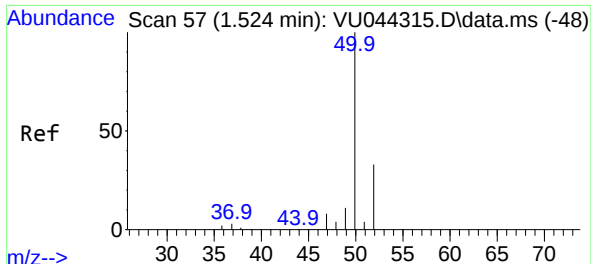
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#2  
Dichlorodifluoromethane  
Concen: 8.592 ug/l  
RT: 1.389 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 85    | Resp: | 101271 |
| Ion      | Ratio | Lower | Upper  |
| 85       | 100   |       |        |
| 87       | 32.0  | 16.0  | 48.0   |





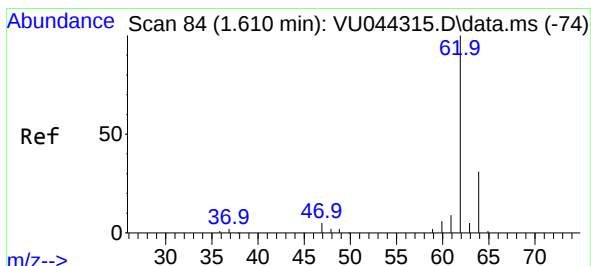
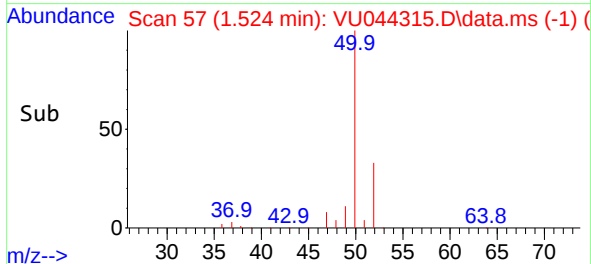
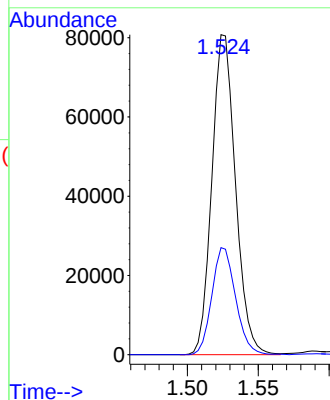
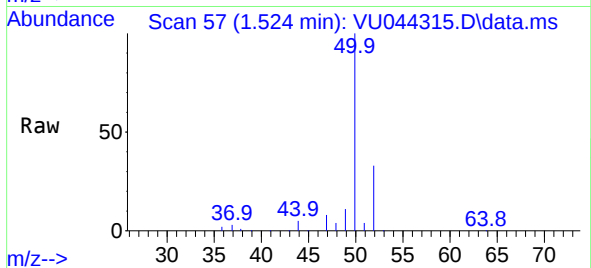
#3  
Chloromethane  
Concen: 7.471 ug/l  
RT: 1.524 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 50 Resp: 93894  
Ion Ratio Lower Upper  
50 100  
52 33.4 26.7 40.1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

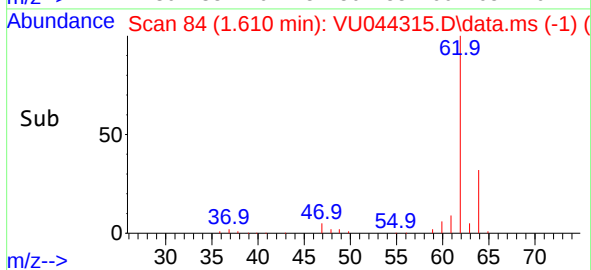
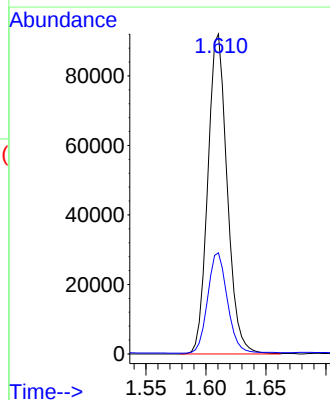
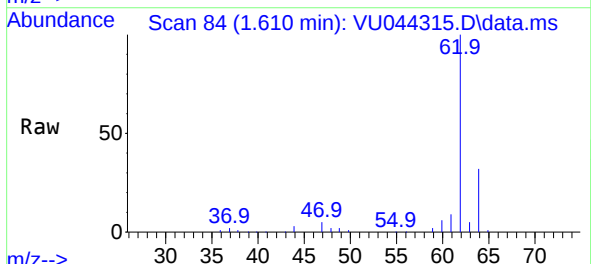
Manual Integrations  
APPROVED

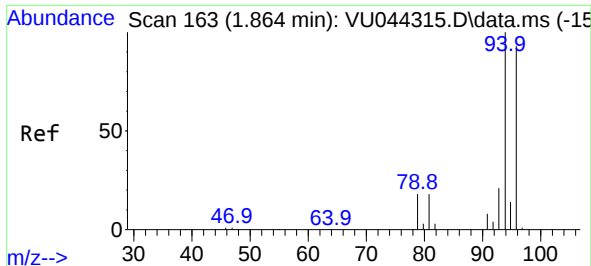
MMDadoda  
7/9/2021 6:26:43 PM



#4  
Vinyl Chloride  
Concen: 8.611 ug/l  
RT: 1.610 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 62 Resp: 103611  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.1 37.7





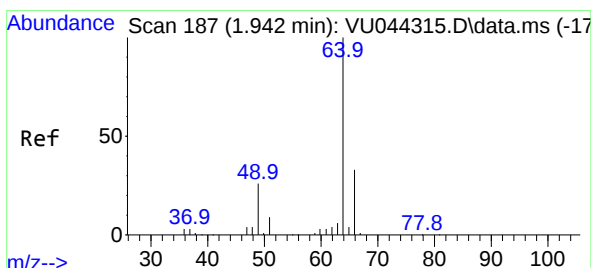
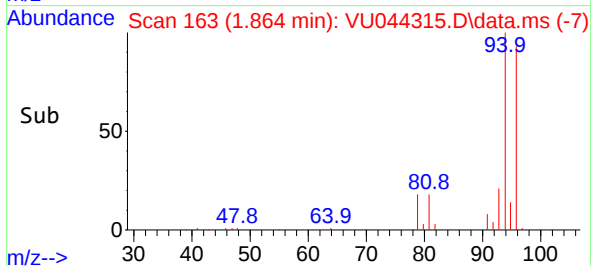
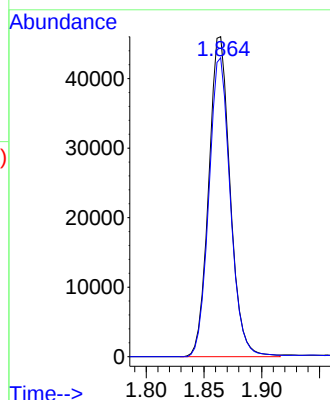
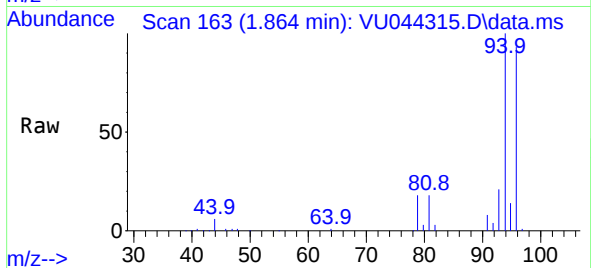
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Bromomethane  
Concen: 8.211 ug/l  
RT: 1.864 min Scan# 163  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 94 Resp: 59418  
Ion Ratio Lower Upper  
94 100  
96 93.4 74.7 112.1

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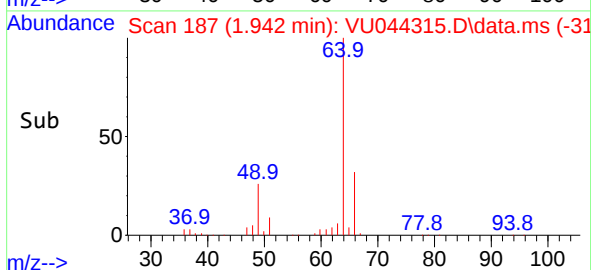
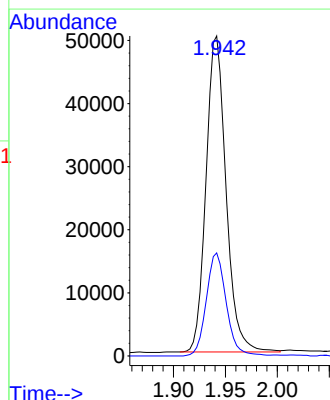
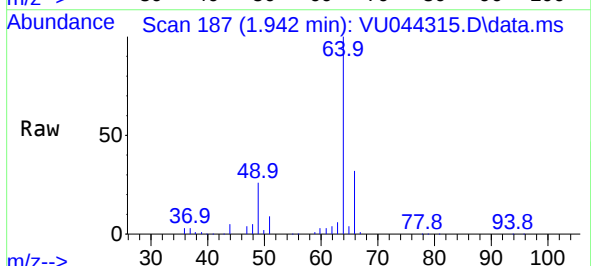
Manual Integrations  
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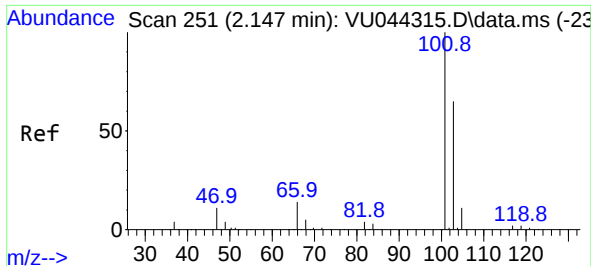
MMDadoda  
7/9/2021 6:26:43 PM



#6  
Chloroethane  
Concen: 8.931 ug/l  
RT: 1.942 min Scan# 187  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 64 Resp: 66971  
Ion Ratio Lower Upper  
64 100  
66 32.6 26.1 39.1





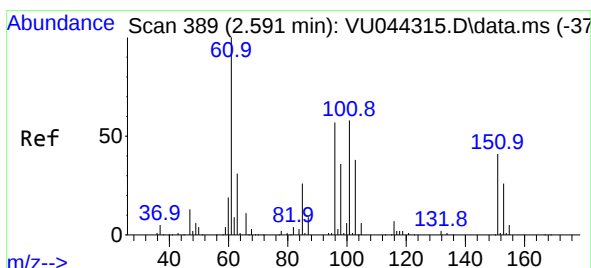
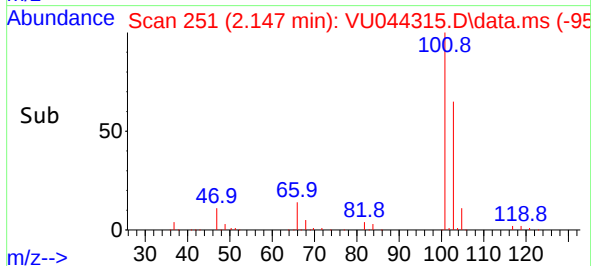
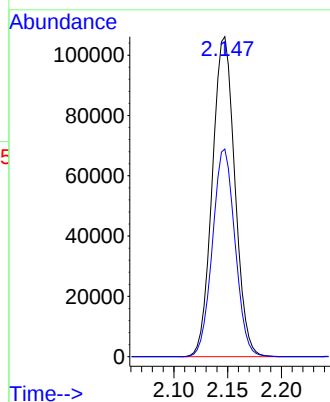
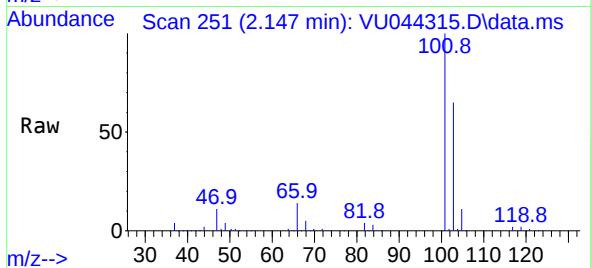
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Trichlorofluoromethane  
Concen: 10.963 ug/l  
RT: 2.147 min Scan# 251  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

Tgt Ion:101 Resp: 154949  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.9 77.9

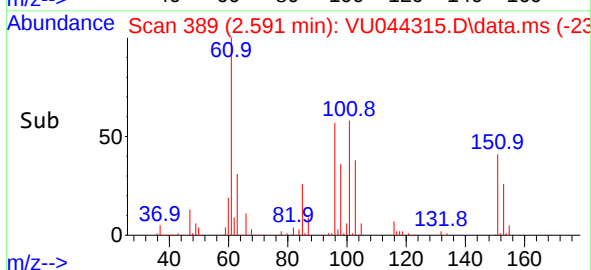
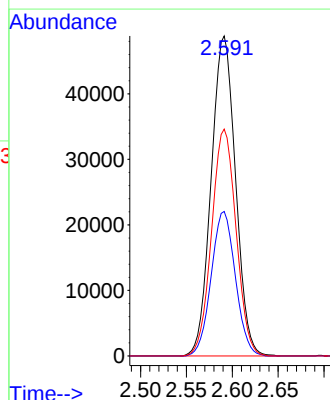
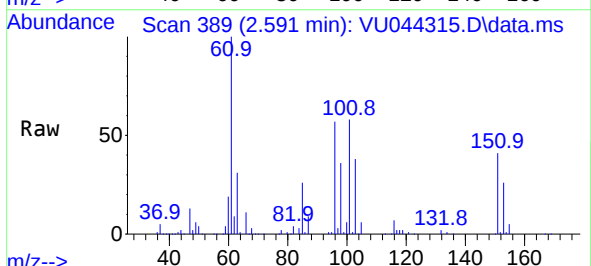
Manual Integrations  
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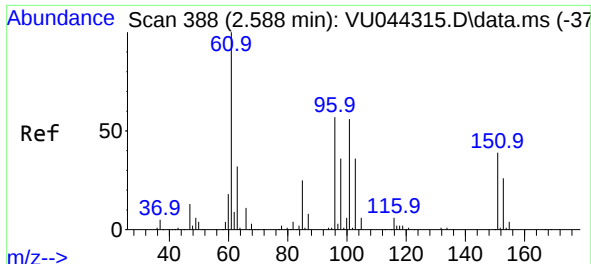
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#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 11.070 ug/l  
RT: 2.591 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion:101 Resp: 90320  
Ion Ratio Lower Upper  
101 100  
85 44.8 35.8 53.8  
151 71.2 57.0 85.4





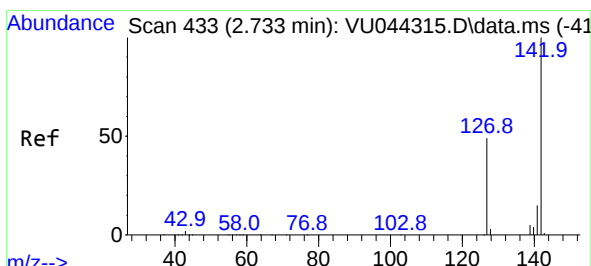
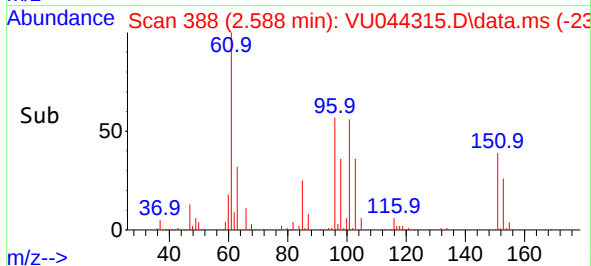
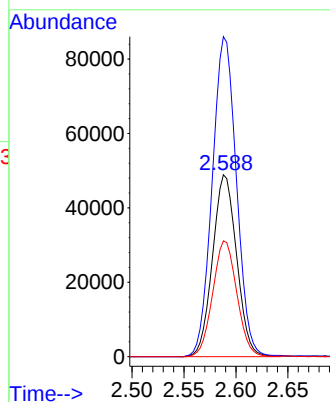
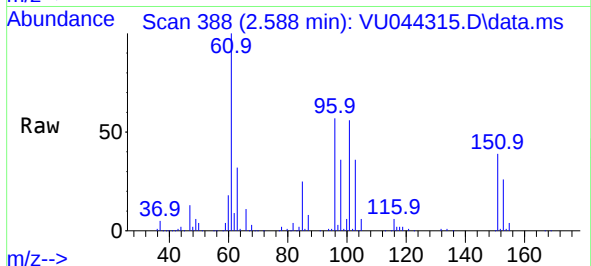
#9  
1,1-Dichloroethene  
Concen: 10.353 ug/l  
RT: 2.588 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 96 Resp: 78793  
Ion Ratio Lower Upper  
96 100  
61 176.0 0.0 528.0  
98 63.7 0.0 127.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

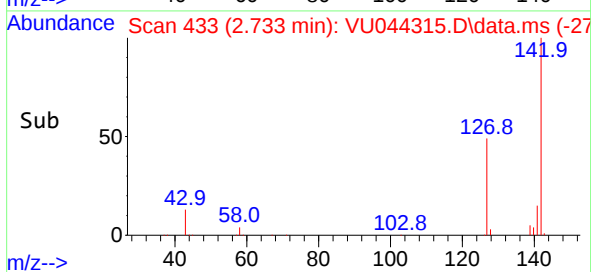
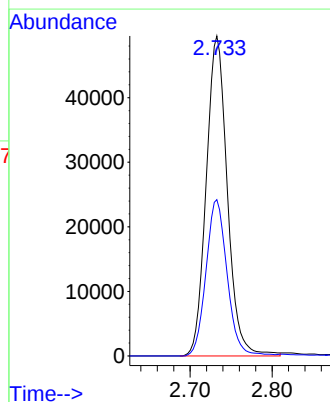
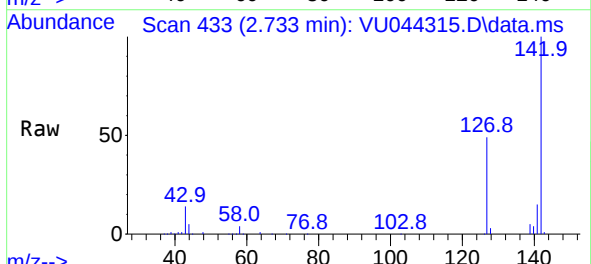
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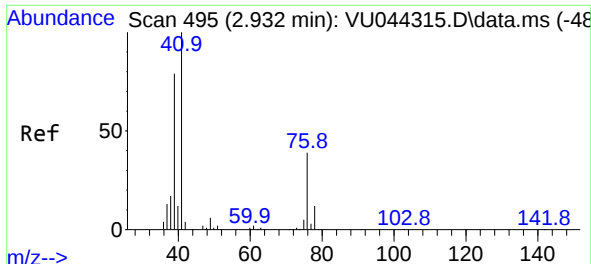
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#10  
Iodomethane  
Concen: 9.445 ug/l  
RT: 2.733 min Scan# 433  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

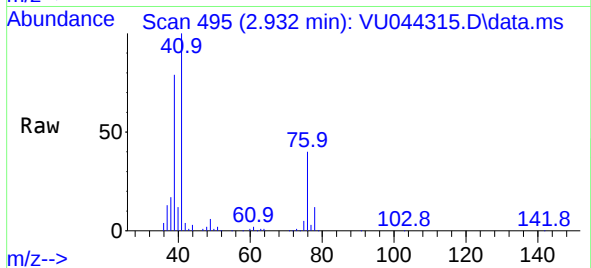
Tgt Ion: 142 Resp: 88627  
Ion Ratio Lower Upper  
142 100  
127 48.9 39.1 58.7





#11  
 Allyl Chloride  
 Concen: 10.938 ug/l  
 RT: 2.932 min Scan# 495  
 Delta R.T. 0.000 min  
 Lab File: VU044315.D  
 Acq: 07 Jul 2021 13:42

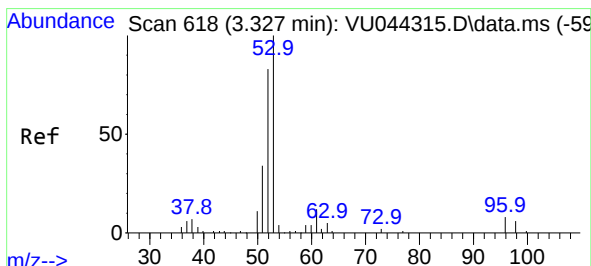
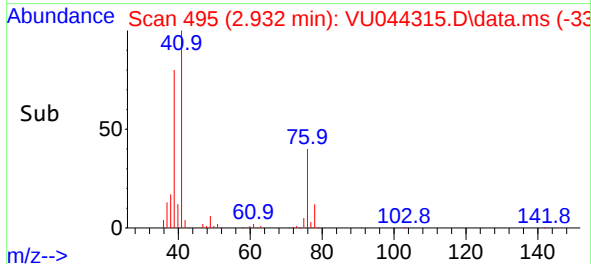
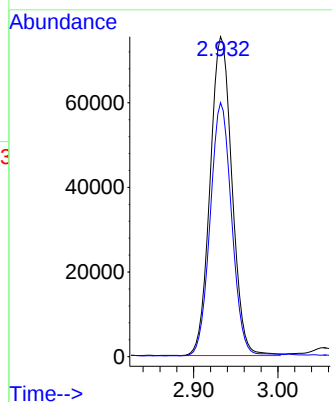
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010



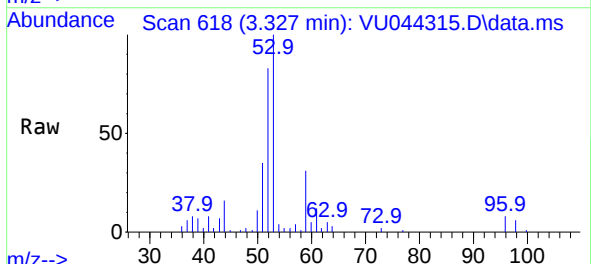
Tgt Ion: 41 Resp: 135868  
 Ion Ratio Lower Upper  
 41 100  
 39 78.1 62.5 93.7

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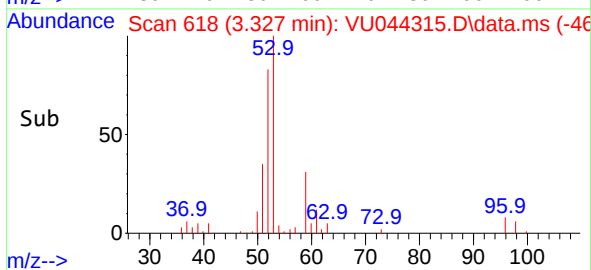
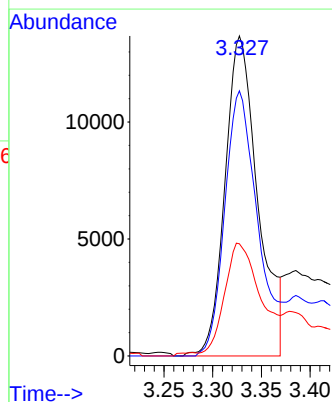
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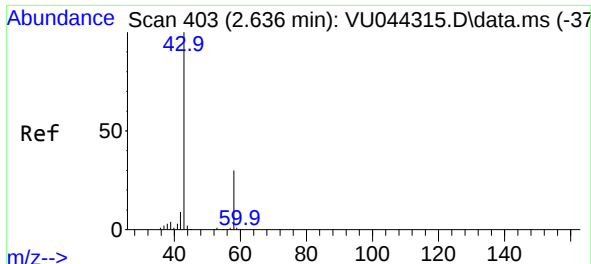


#12  
 Acrylonitrile  
 Concen: 20.914 ug/l  
 RT: 3.327 min Scan# 618  
 Delta R.T. 0.000 min  
 Lab File: VU044315.D  
 Acq: 07 Jul 2021 13:42



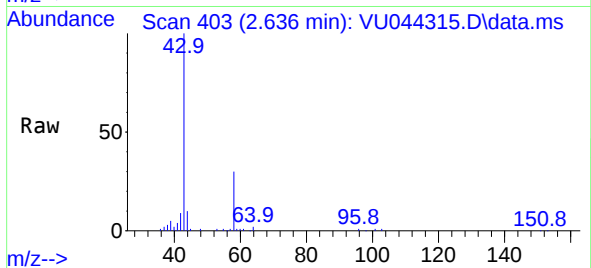
Tgt Ion: 53 Resp: 32157  
 Ion Ratio Lower Upper  
 53 100  
 52 83.7 67.0 100.4  
 51 37.2 29.8 44.6





#13  
Acetone  
Concen: 54.194 ug/l  
RT: 2.636 min Scan# 403  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

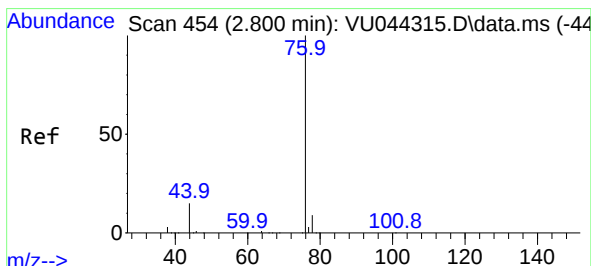
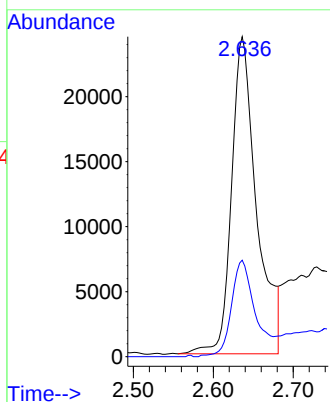
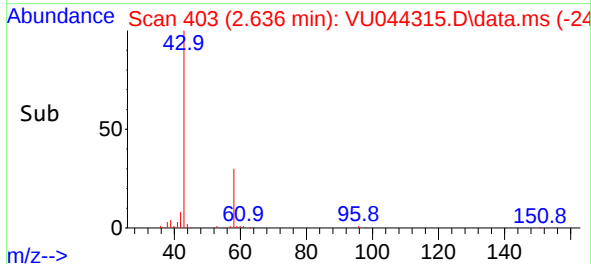
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



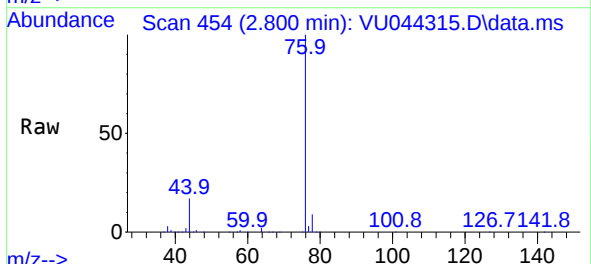
Tgt Ion: 43 Resp: 53224  
Ion Ratio Lower Upper  
43 100  
58 30.4 24.3 36.5

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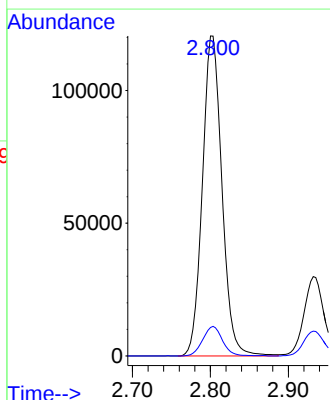
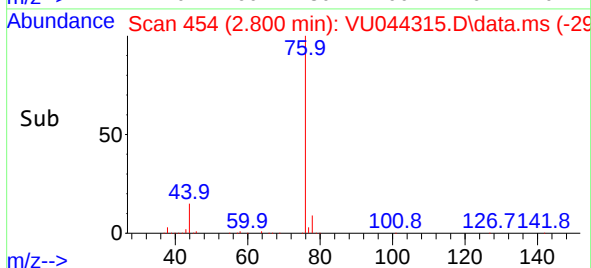
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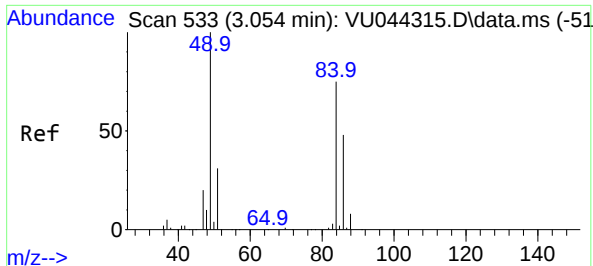


#14  
Carbon Disulfide  
Concen: 8.318 ug/l  
RT: 2.800 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

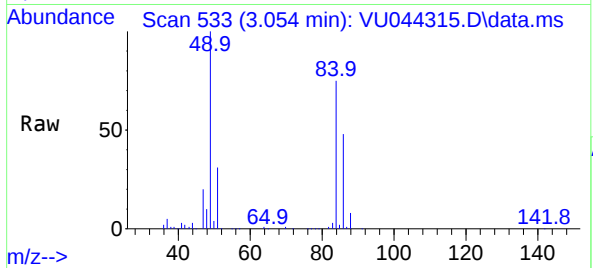


Tgt Ion: 76 Resp: 209917  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.1 10.7



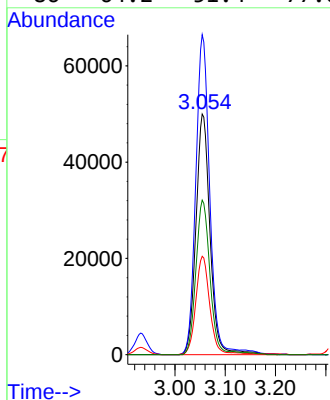


#15  
Methylene Chloride  
Concen: 8.497 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



Tgt Ion: 84 Resp: 97837

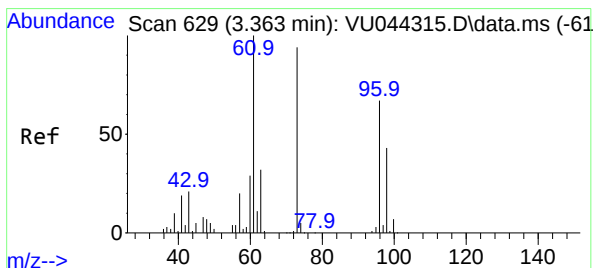
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 132.9 | 106.3 | 159.5 |
| 51  | 40.9  | 0.0   | 81.8  |
| 86  | 64.2  | 51.4  | 77.0  |



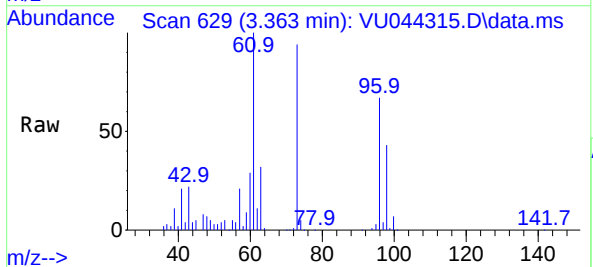
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

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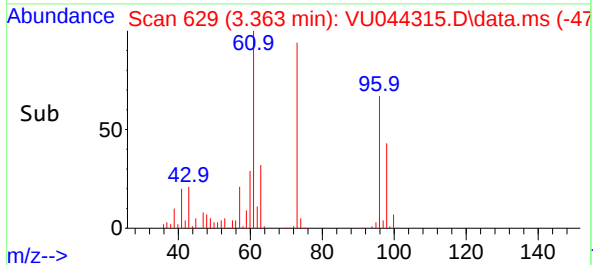
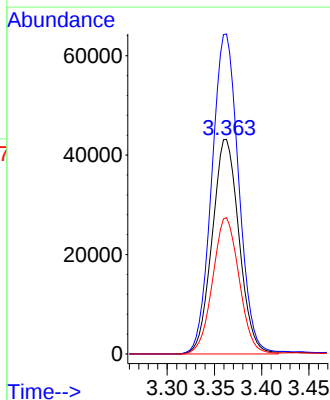


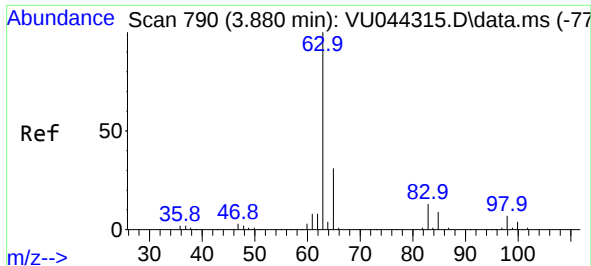
#16  
trans-1,2-Dichloroethene  
Concen: 10.142 ug/l  
RT: 3.363 min Scan# 629  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



Tgt Ion: 96 Resp: 85288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 149.1 | 119.3 | 178.9 |
| 98  | 63.5  | 50.8  | 76.2  |





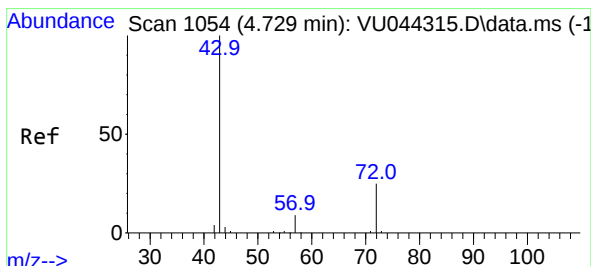
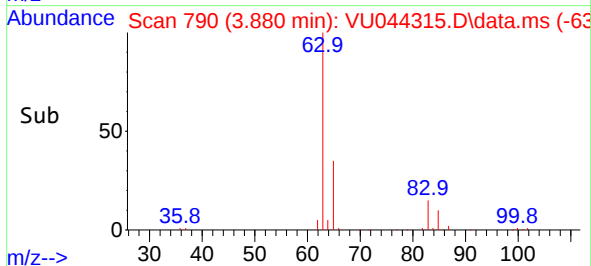
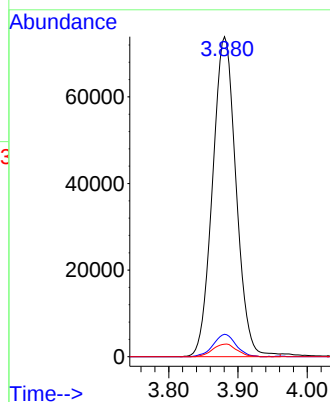
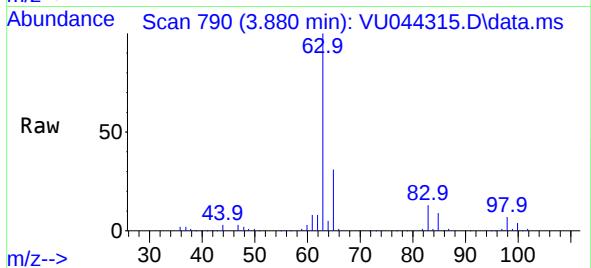
#17  
1,1-Dichloroethane  
Concen: 10.705 ug/l  
RT: 3.880 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 63 Resp: 174196  
Ion Ratio Lower Upper  
63 100  
98 7.0 3.5 10.5  
100 3.9 2.0 5.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

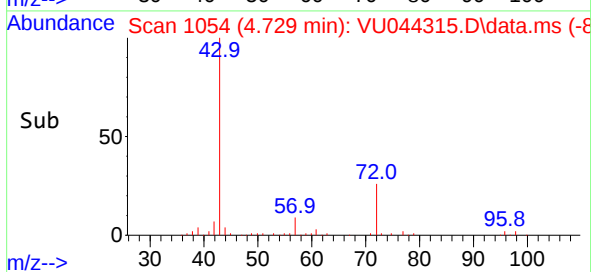
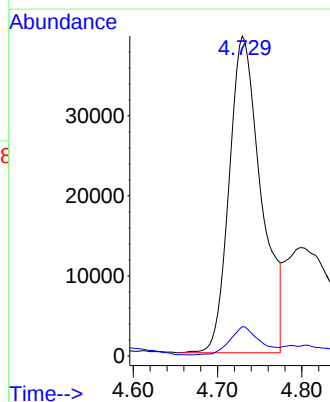
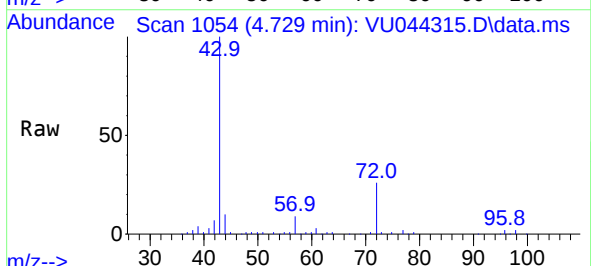
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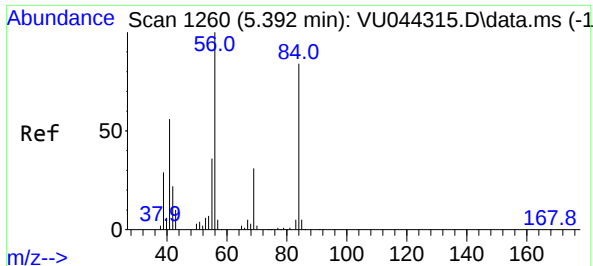
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#18  
2-Butanone  
Concen: 53.504 ug/l  
RT: 4.729 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 43 Resp: 104124  
Ion Ratio Lower Upper  
43 100  
57 8.8 0.0 17.6





#19

Cyclohexane

Concen: 9.284 ug/l

RT: 5.392 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU044315.D

Acq: 07 Jul 2021 13:42

Tgt Ion: 56 Resp: 138907

Ion Ratio Lower Upper

56 100

69 33.3 26.6 40.0

84 91.2 73.0 109.4

Instrument :

MSVOA\_U

ClientSampleId :

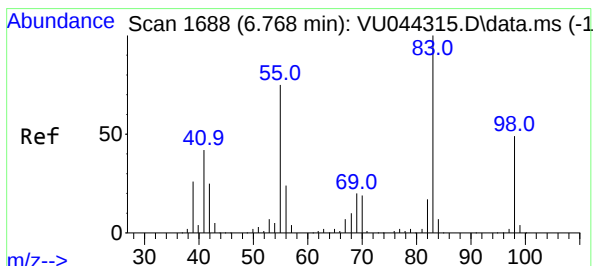
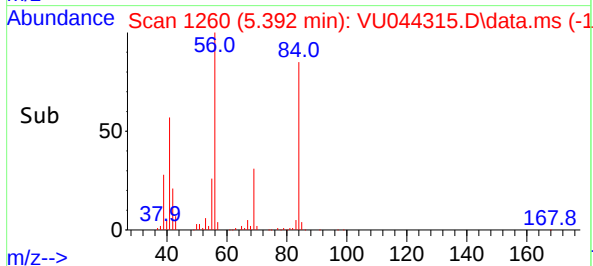
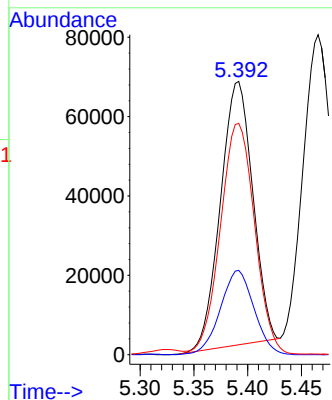
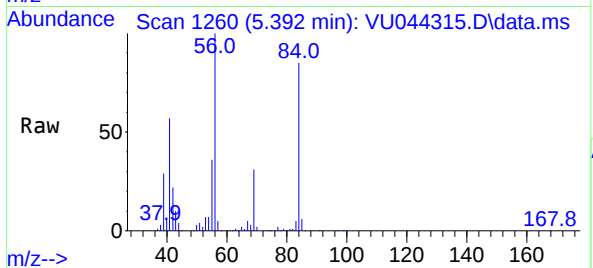
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#20

Methylcyclohexane

Concen: 11.846 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU044315.D

Acq: 07 Jul 2021 13:42

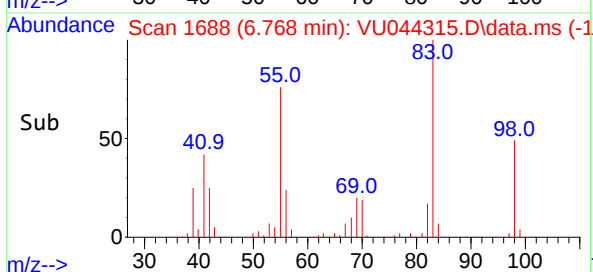
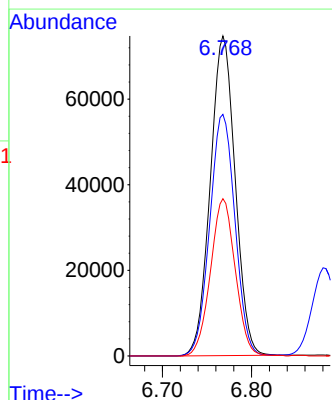
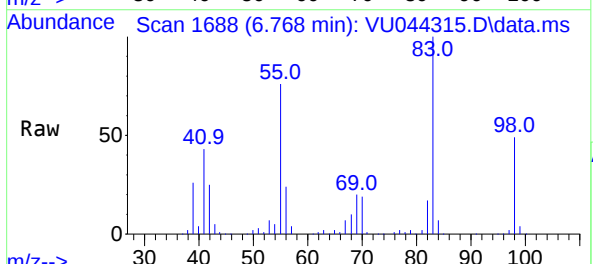
Tgt Ion: 83 Resp: 144981

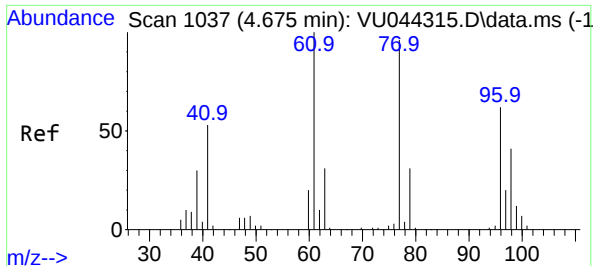
Ion Ratio Lower Upper

83 100

55 76.3 61.0 91.6

98 49.1 39.3 58.9





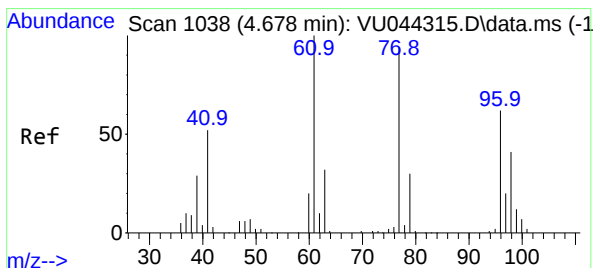
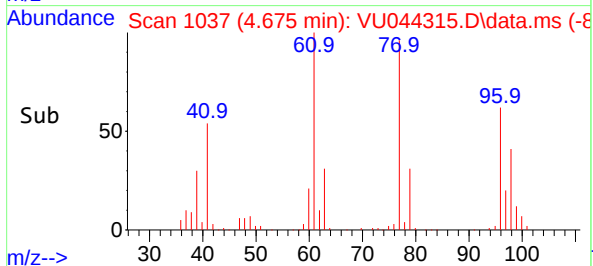
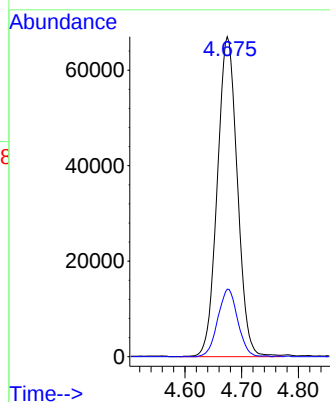
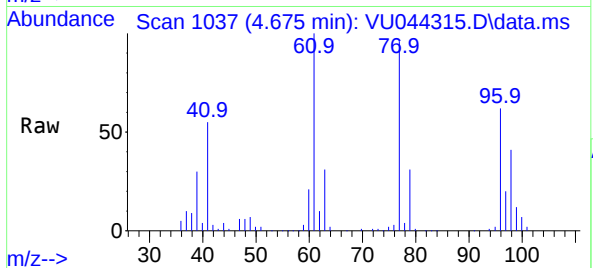
#21  
2,2-Dichloropropane  
Concen: 12.283 ug/l  
RT: 4.675 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 77 Resp: 164629  
Ion Ratio Lower Upper  
77 100  
97 21.0 16.8 25.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

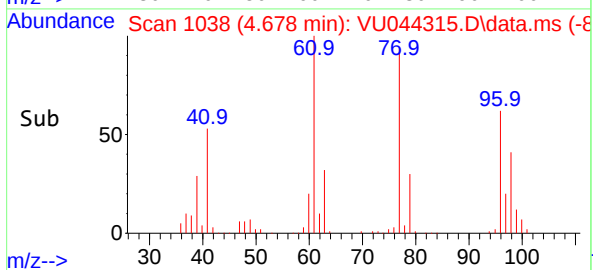
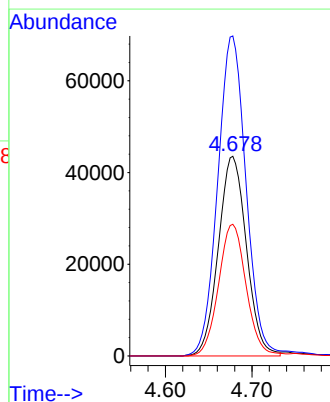
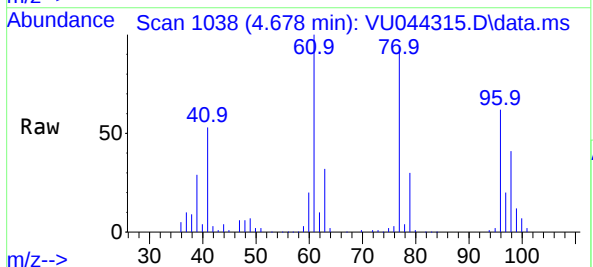
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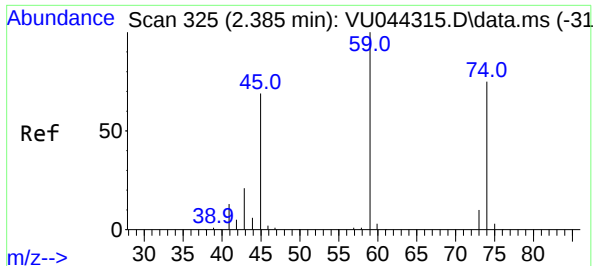
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#22  
cis-1,2-Dichloroethene  
Concen: 10.870 ug/l  
RT: 4.678 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

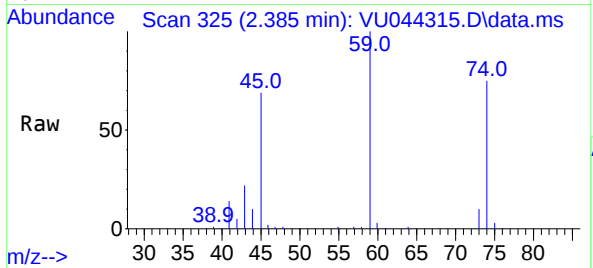
Tgt Ion: 96 Resp: 98240  
Ion Ratio Lower Upper  
96 100  
61 163.1 0.0 407.7  
98 64.9 32.5 97.4





#23  
Diethyl Ether  
Concen: 10.391 ug/l  
RT: 2.385 min Scan# 325  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

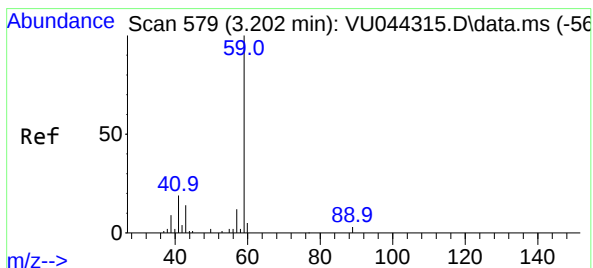
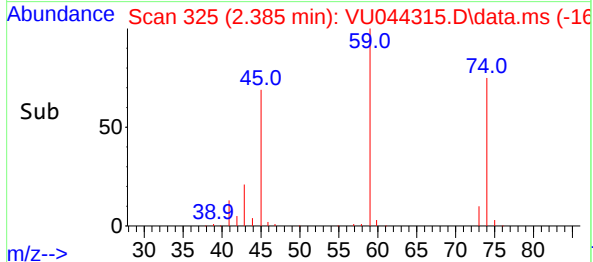
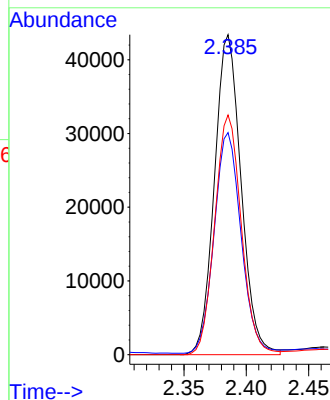


Tgt Ion: 59 Resp: 64610

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 59  | 100   |       |       |
| 45  | 69.6  | 55.7  | 83.5  |
| 74  | 74.6  | 59.7  | 89.5  |

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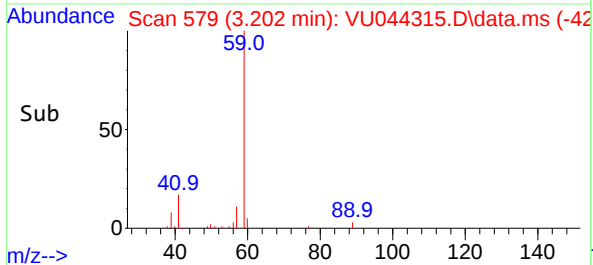
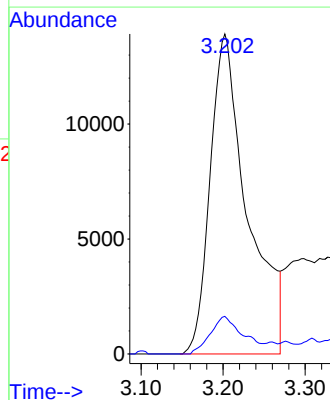
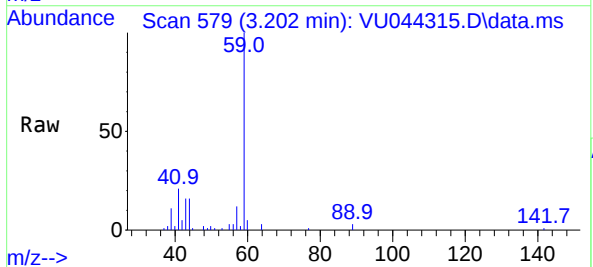
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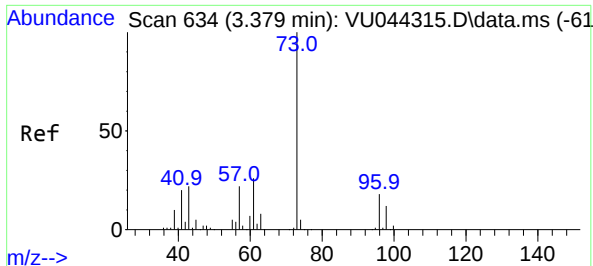


#24  
tert-Butyl Alcohol  
Concen: 66.835 ug/l  
RT: 3.202 min Scan# 579  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 59 Resp: 43837

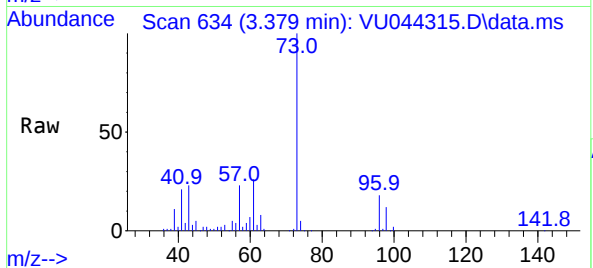
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 59  | 100   |       |       |
| 57  | 10.3  | 8.2   | 12.4  |





#25  
Methyl tert-Butyl Ether  
Concen: 12.204 ug/l  
RT: 3.379 min Scan# 634  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

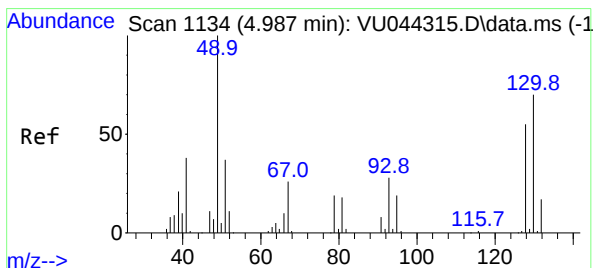
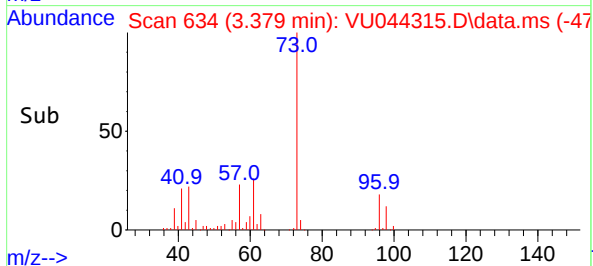
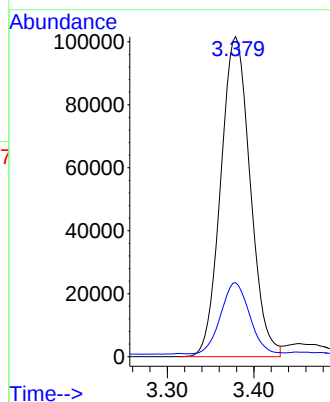
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



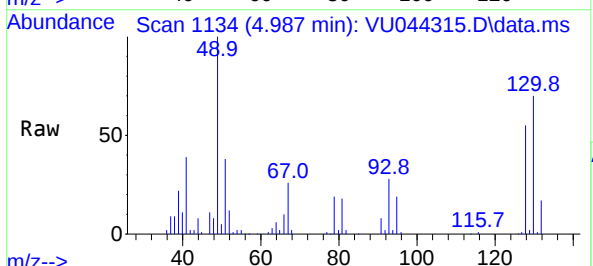
Tgt Ion: 73 Resp: 240514  
Ion Ratio Lower Upper  
73 100  
43 21.6 17.3 25.9

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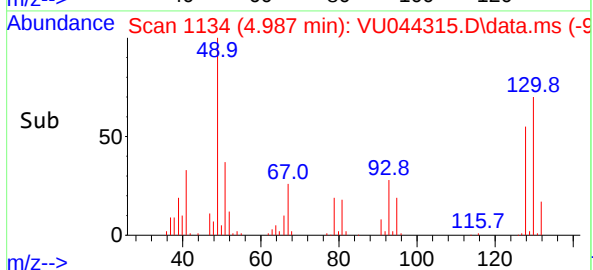
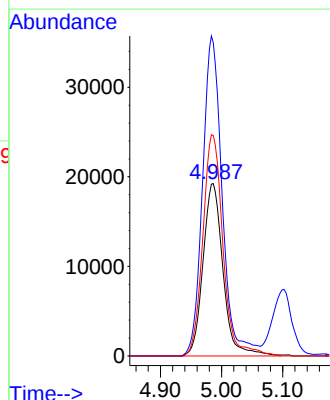
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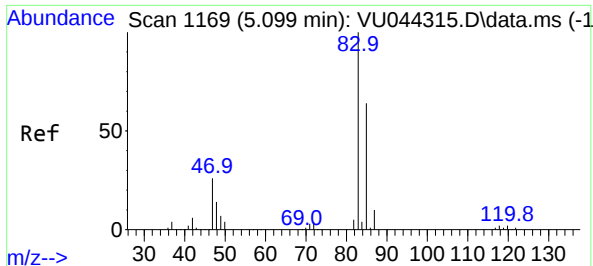


#26  
Bromochloromethane  
Concen: 11.770 ug/l  
RT: 4.987 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



Tgt Ion: 128 Resp: 43776  
Ion Ratio Lower Upper  
128 100  
49 182.1 0.0 364.2  
130 129.4 103.5 155.3

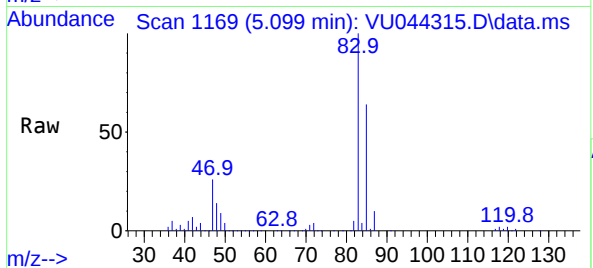




#27

Chloroform  
Concen: 11.112 ug/l  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

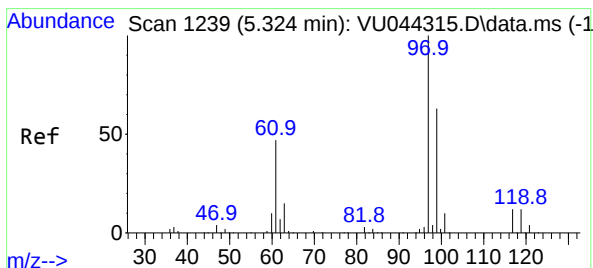
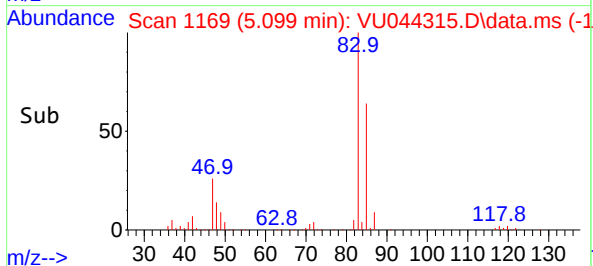
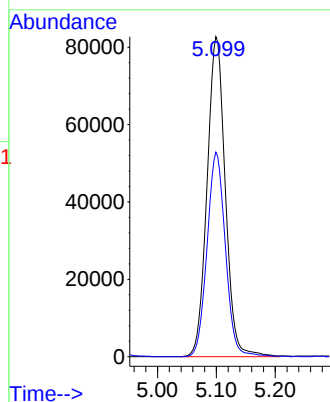
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



Tgt Ion: 83 Resp: 178132  
Ion Ratio Lower Upper  
83 100  
85 63.9 0.0 127.8

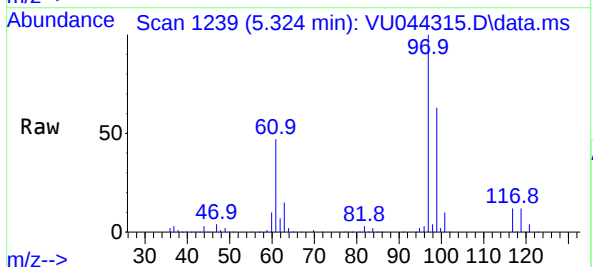
Manual Integrations  
APPROVED

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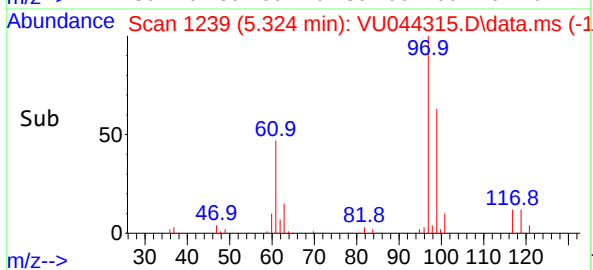
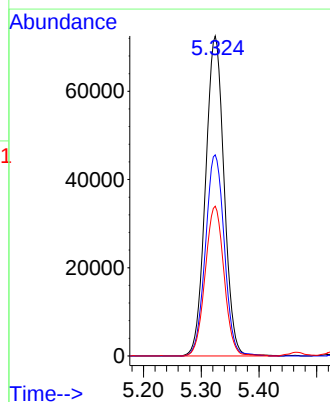


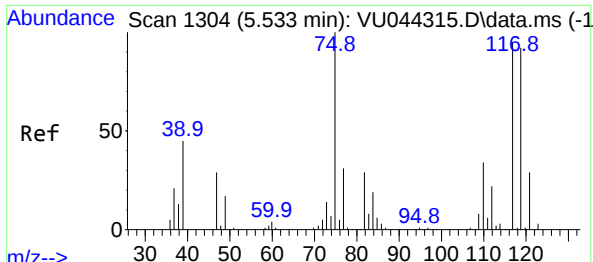
#28

1,1,1-Trichloroethane  
Concen: 11.763 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



Tgt Ion: 97 Resp: 161285  
Ion Ratio Lower Upper  
97 100  
99 64.1 32.0 96.2  
61 47.7 23.8 71.5





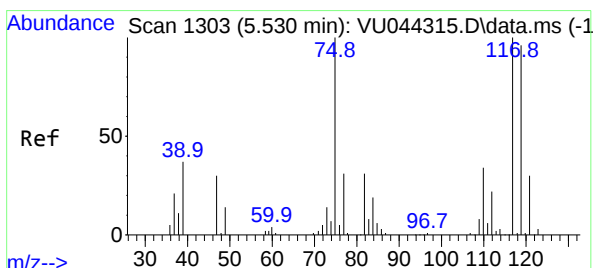
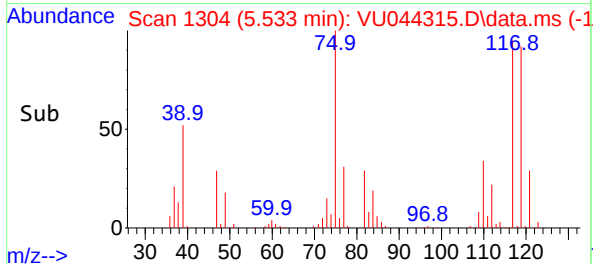
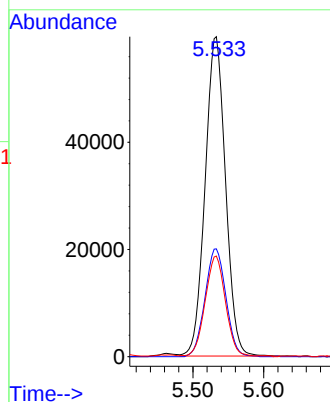
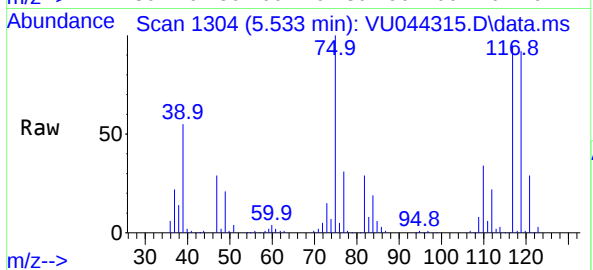
#29  
1,1-Dichloropropene  
Concen: 9.740 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 75 Resp: 119211  
Ion Ratio Lower Upper  
75 100  
110 34.6 17.3 51.9  
77 30.8 24.6 37.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

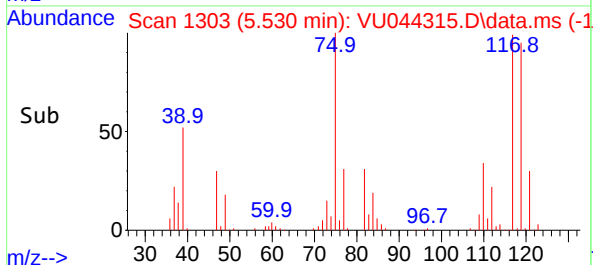
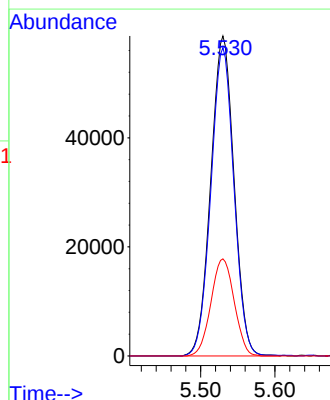
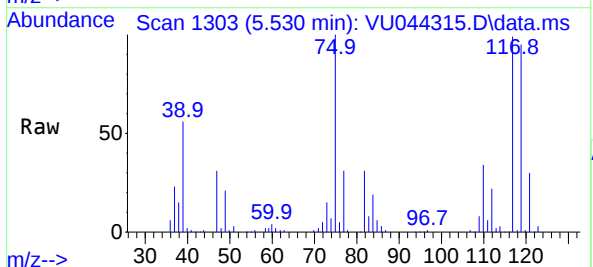
Manual Integrations  
APPROVED

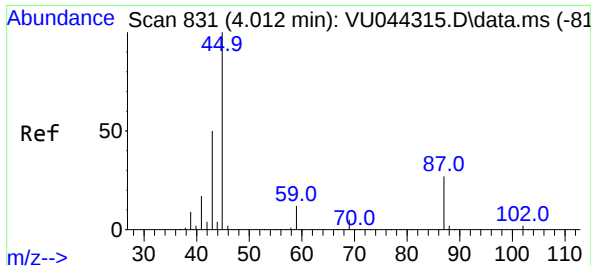
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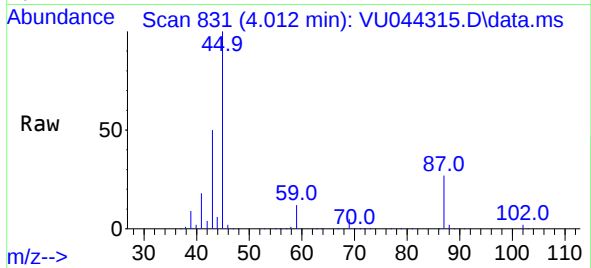
#30  
Carbon Tetrachloride  
Concen: 10.893 ug/l  
RT: 5.530 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 117 Resp: 127473  
Ion Ratio Lower Upper  
117 100  
119 96.3 77.0 115.6  
121 30.3 24.2 36.4

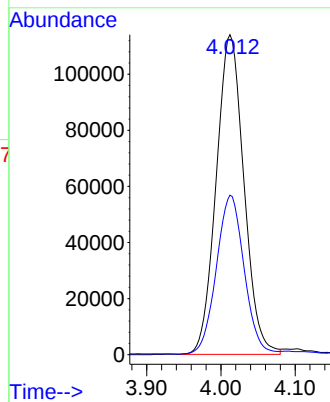
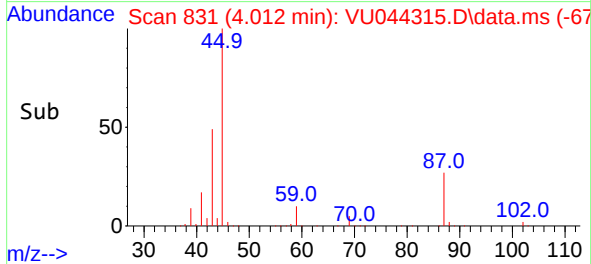




#31  
Isopropyl Ether  
Concen: 11.320 ug/l  
RT: 4.012 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



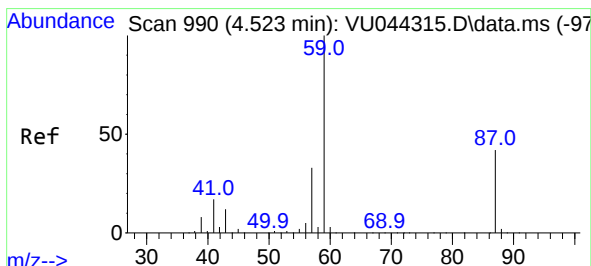
Tgt Ion: 45 Resp: 295810  
Ion Ratio Lower Upper  
45 100  
43 49.7 24.9 74.6



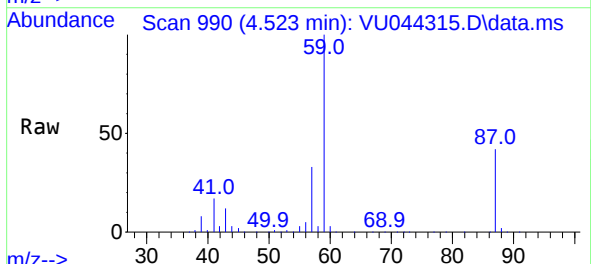
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

Manual Integrations  
APPROVED

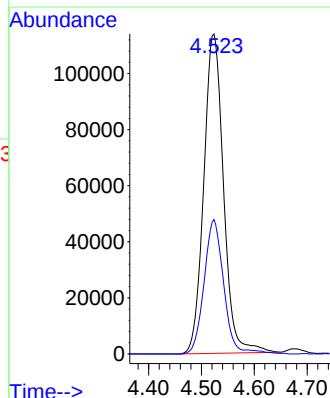
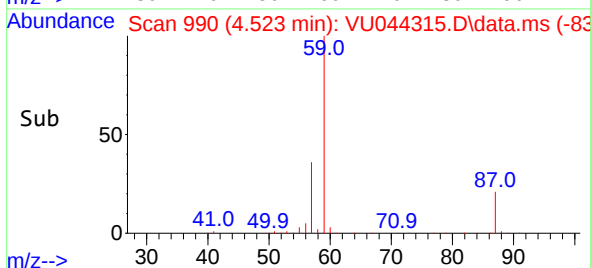
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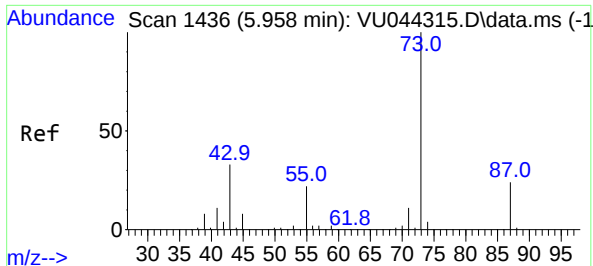


#32  
Ethyl-t-butyl ether  
Concen: 12.400 ug/l  
RT: 4.523 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



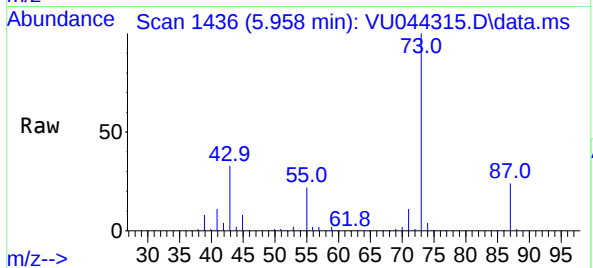
Tgt Ion: 59 Resp: 296065  
Ion Ratio Lower Upper  
59 100  
87 39.1 31.3 46.9





#33  
Tert-Amyl methyl ether  
Concen: 12.933 ug/l  
RT: 5.958 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

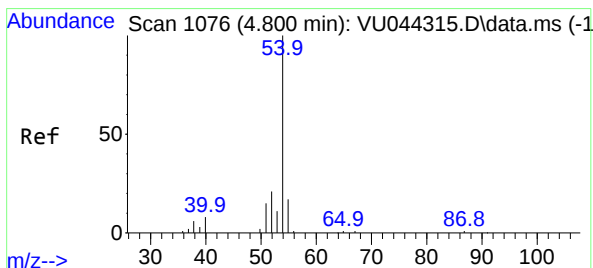
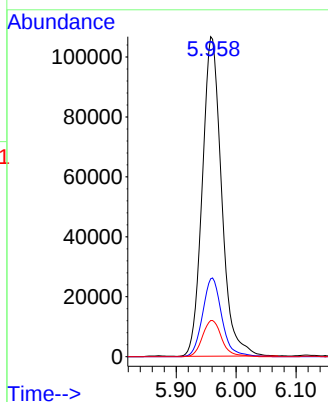
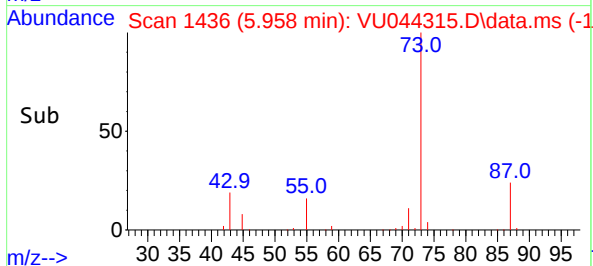
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



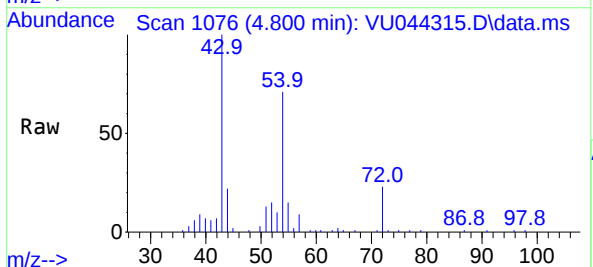
Tgt Ion: 73 Resp: 238530  
Ion Ratio Lower Upper  
73 100  
87 24.7 19.8 29.6  
71 11.4 9.1 13.7

Manual Integrations  
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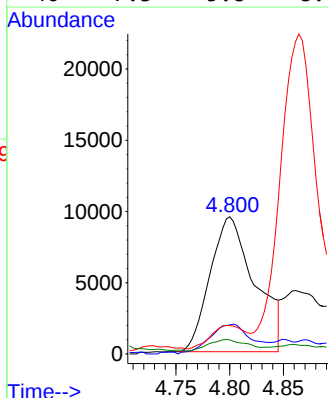
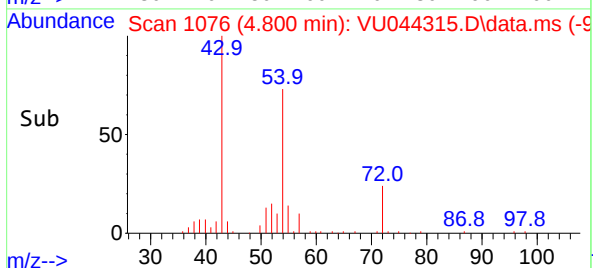
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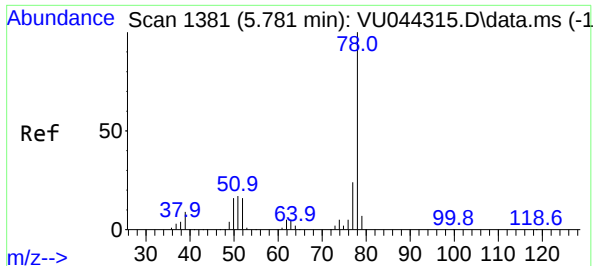


#34  
Propionitrile  
Concen: 54.300 ug/l  
RT: 4.800 min Scan# 1076  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



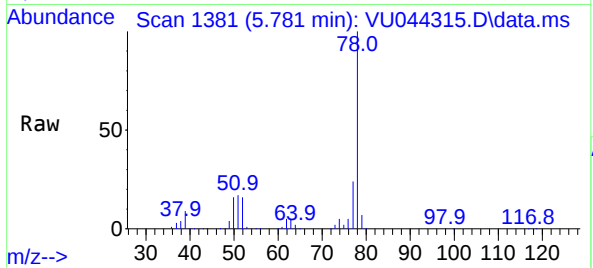
Tgt Ion: 54 Resp: 27464  
Ion Ratio Lower Upper  
54 100  
52 20.4 16.3 24.5  
55 13.4 10.7 16.1  
40 7.3 5.8 8.8





#35  
Benzene  
Concen: 9.363 ug/l  
RT: 5.781 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

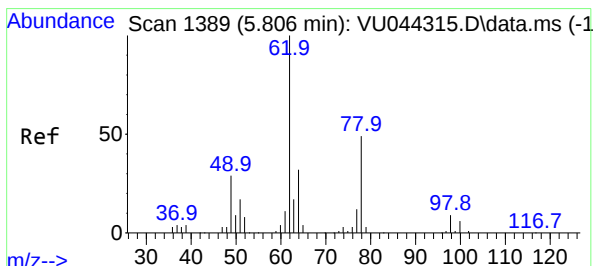
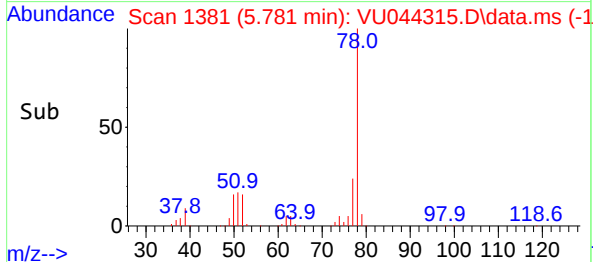
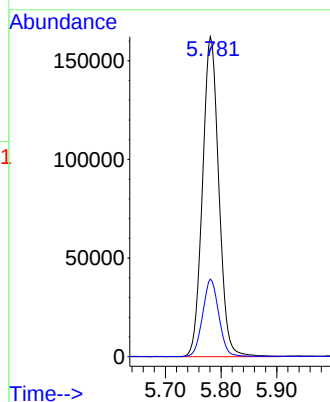
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



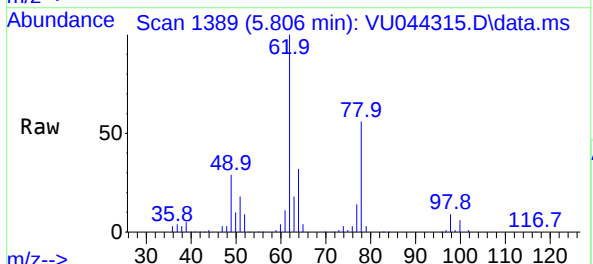
Tgt Ion: 78 Resp: 330969  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.4 29.0

Manual Integrations  
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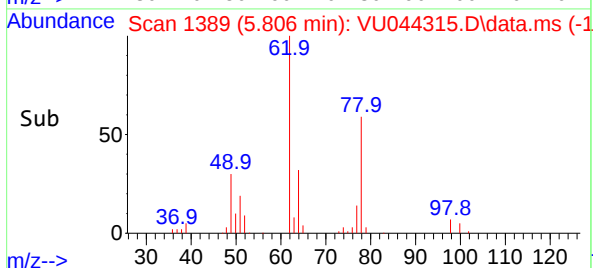
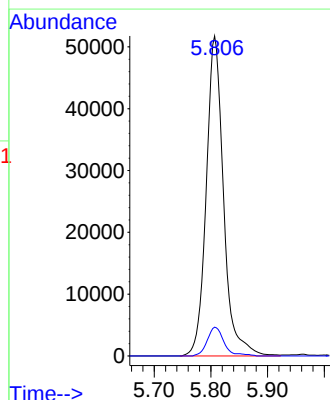
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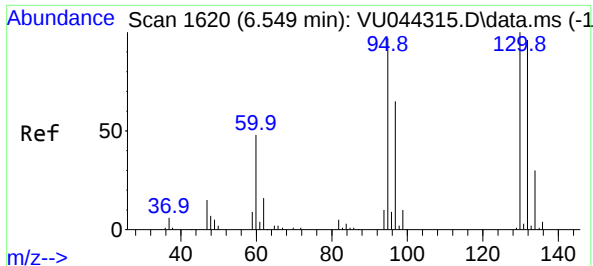


#36  
1,2-Dichloroethane  
Concen: 10.402 ug/l  
RT: 5.806 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



Tgt Ion: 62 Resp: 110094  
Ion Ratio Lower Upper  
62 100  
98 8.8 7.0 10.6





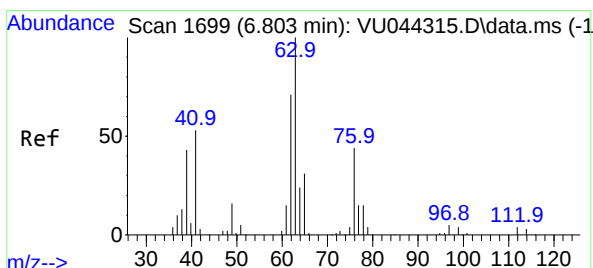
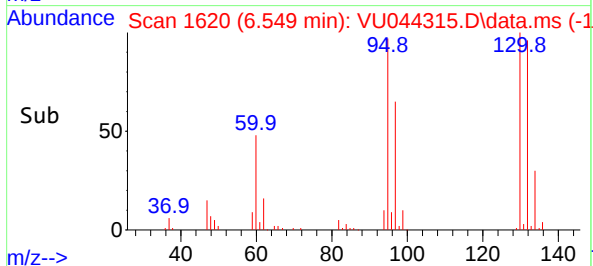
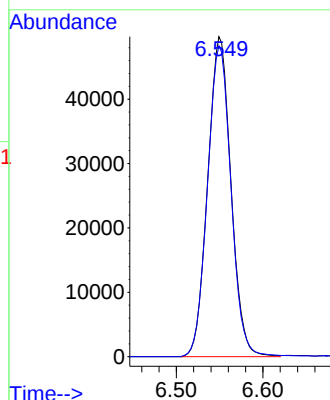
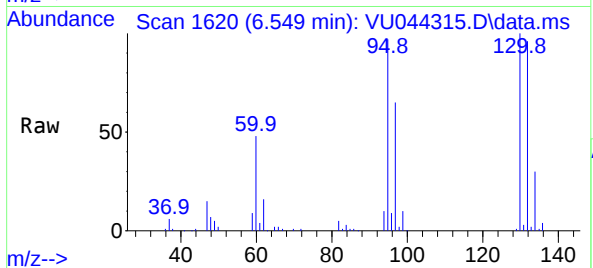
#37  
Trichloroethene  
Concen: 10.970 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion:130 Resp: 92593  
Ion Ratio Lower Upper  
130 100  
95 97.2 77.8 116.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

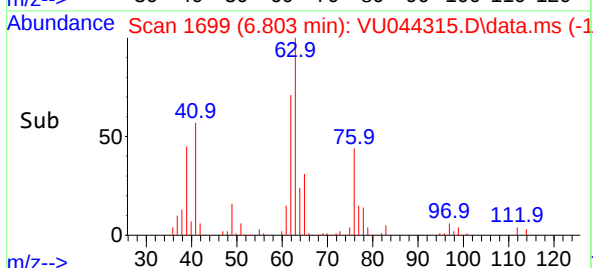
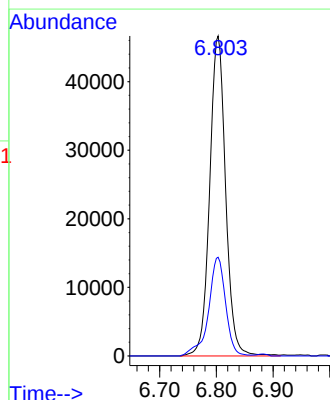
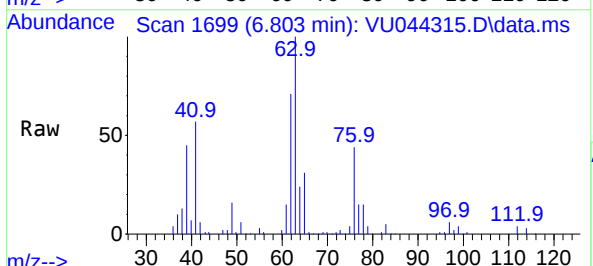
Manual Integrations  
APPROVED

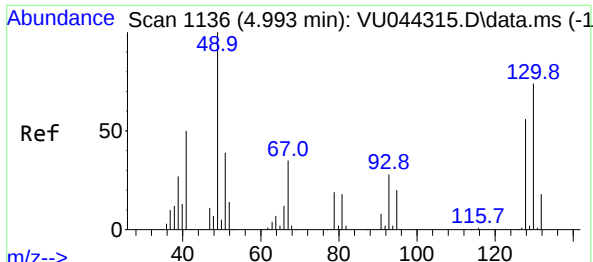
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#38  
1,2-Dichloropropane  
Concen: 9.748 ug/l  
RT: 6.803 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 63 Resp: 91369  
Ion Ratio Lower Upper  
63 100  
65 30.9 24.7 37.1





#39  
Methacrylonitrile  
Concen: 11.671 ug/l  
RT: 4.993 min Scan# 1136  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

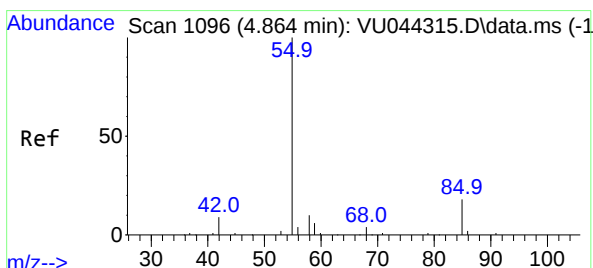
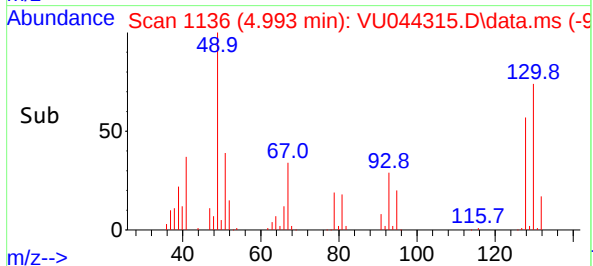
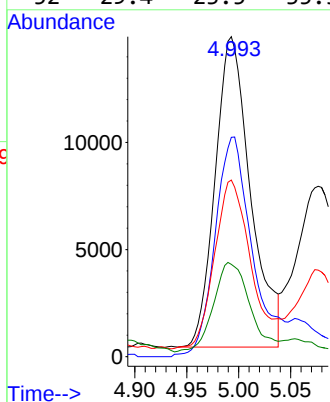
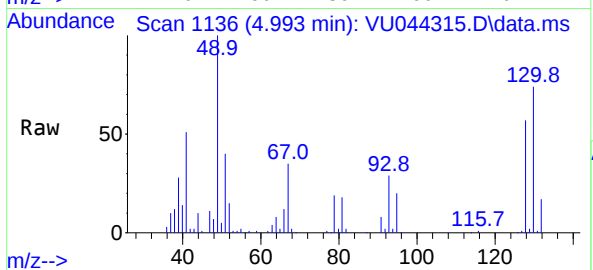
Tgt Ion: 41 Resp: 34328

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 75.8  | 60.6  | 91.0  |
| 39  | 54.9  | 43.9  | 65.9  |
| 52  | 29.4  | 23.5  | 35.3  |

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDICCC010

Manual Integrations  
APPROVED

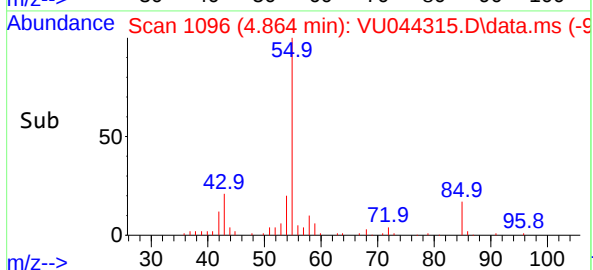
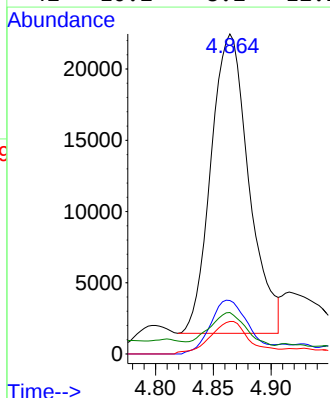
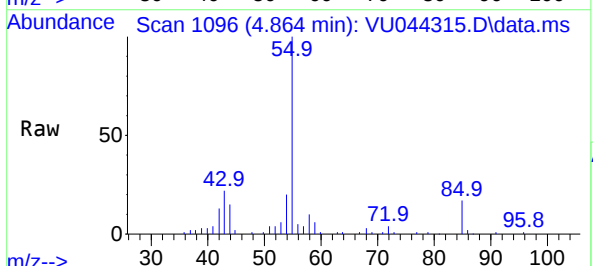
MMDadoda  
7/9/2021 6:26:43 PM

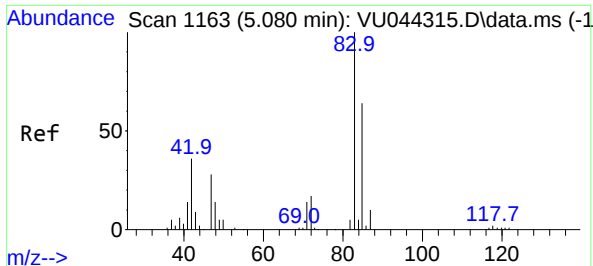


#40  
Methyl acrylate  
Concen: 10.658 ug/l  
RT: 4.864 min Scan# 1096  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 55 Resp: 48043

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 18.2  | 14.6  | 21.8  |
| 58  | 11.2  | 9.0   | 13.4  |
| 42  | 10.2  | 8.2   | 12.2  |





#41  
Tetrahydrofuran  
Concen: 20.000 ug/l  
RT: 5.080 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

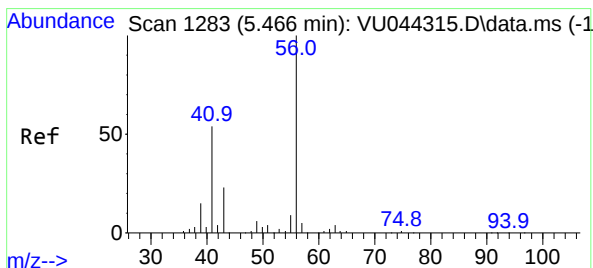
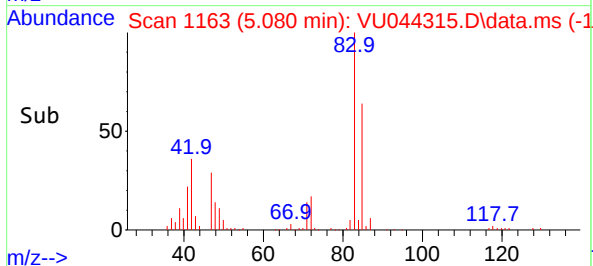
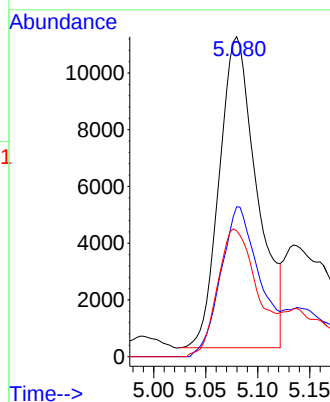
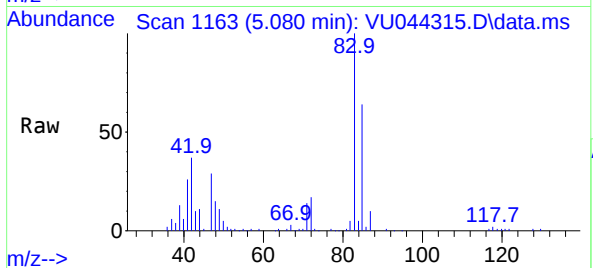
Tgt Ion: 42 Resp: 27740

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 49.7  | 39.8  | 59.6  |
| 71  | 43.0  | 34.4  | 51.6  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
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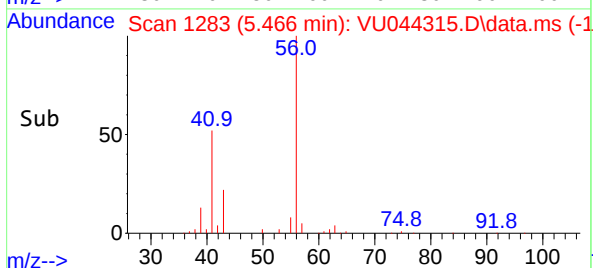
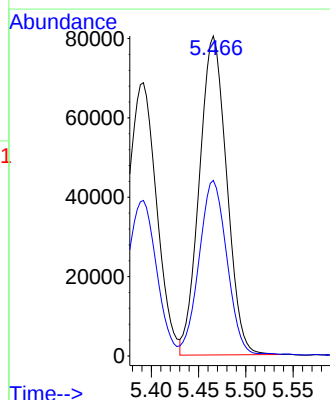
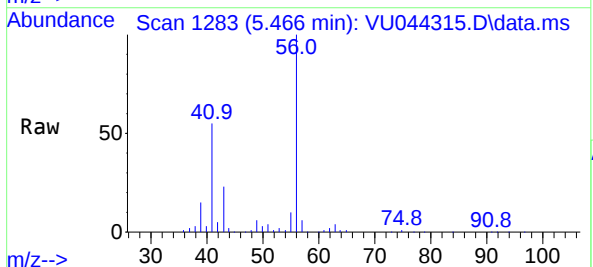
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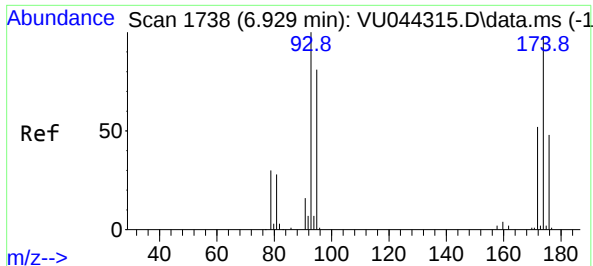


#42  
1-Chlorobutane  
Concen: 9.218 ug/l  
RT: 5.466 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 56 Resp: 161499

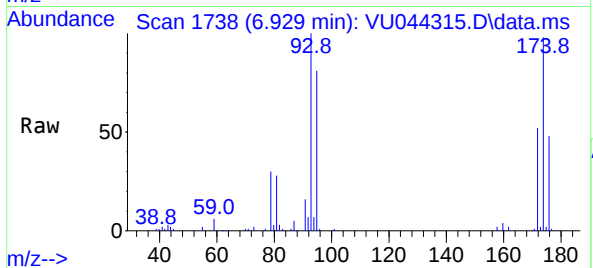
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 41  | 54.7  | 27.4  | 82.0  |





#43  
Dibromomethane  
Concen: 10.414 ug/l  
RT: 6.929 min Scan# 1738  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

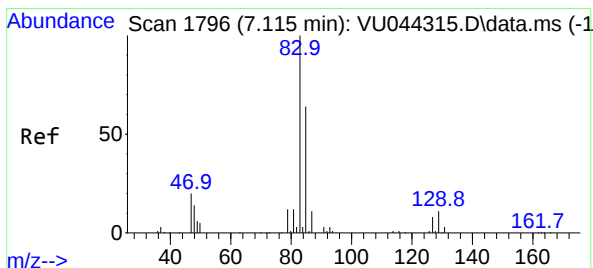
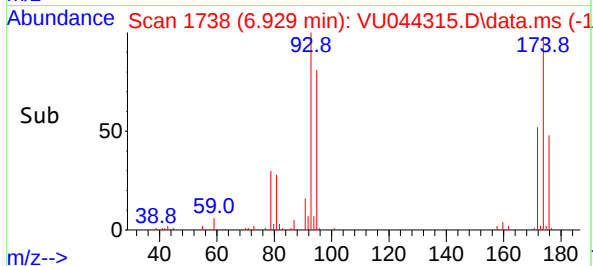
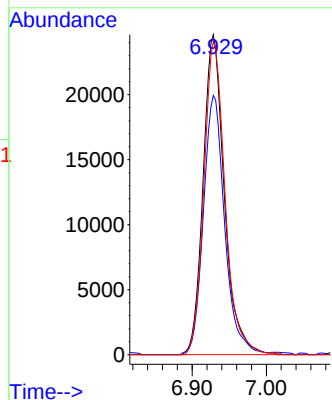
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



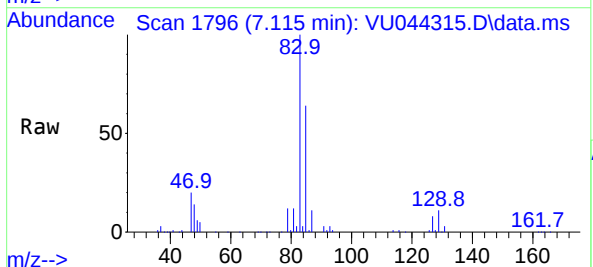
Tgt Ion: 93 Resp: 48776  
Ion Ratio Lower Upper  
93 100  
95 81.5 65.2 97.8  
174 97.8 78.2 117.4

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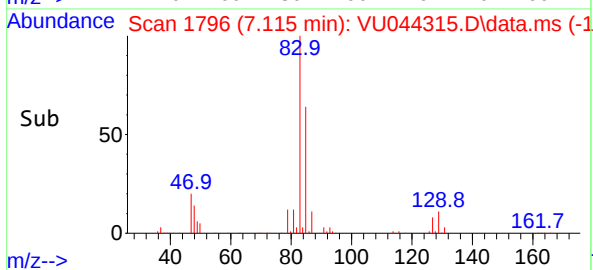
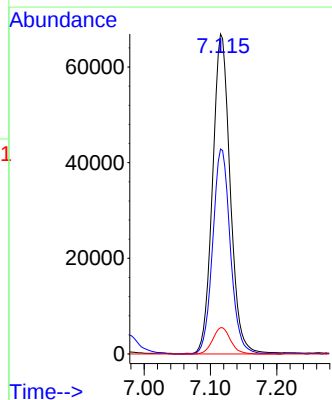
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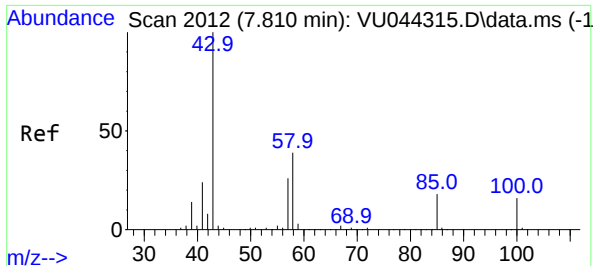


#44  
Bromodichloromethane  
Concen: 10.573 ug/l  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



Tgt Ion: 83 Resp: 123733  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.3 76.9  
127 9.1 7.3 10.9





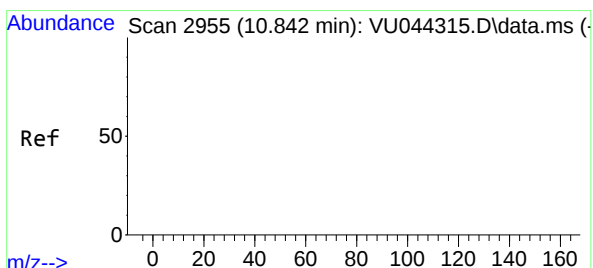
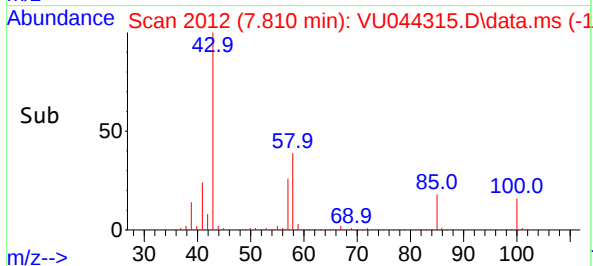
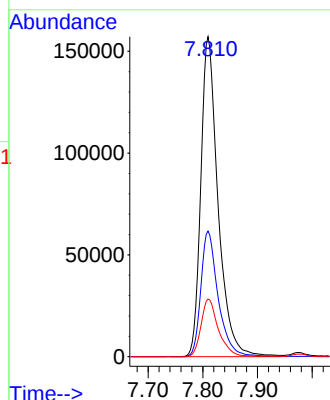
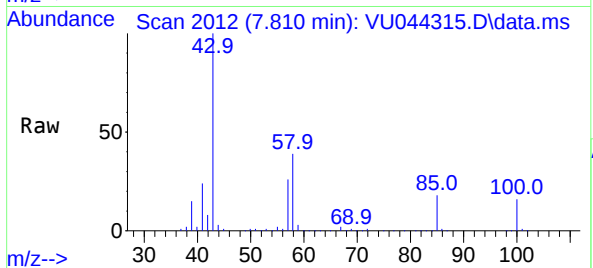
#45  
4-Methyl-2-Pentanone  
Concen: 64.053 ug/l  
RT: 7.810 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 43 Resp: 343880  
Ion Ratio Lower Upper  
43 100  
58 39.5 19.8 59.3  
85 18.2 14.6 21.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

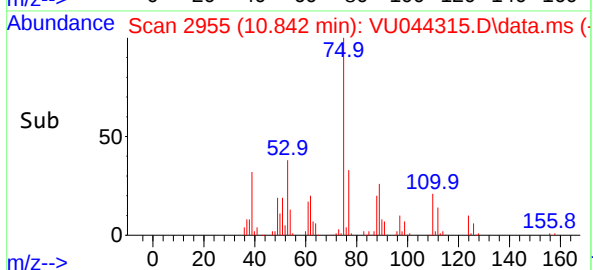
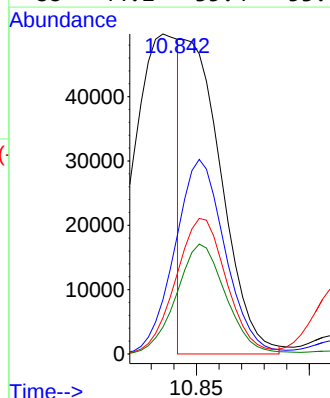
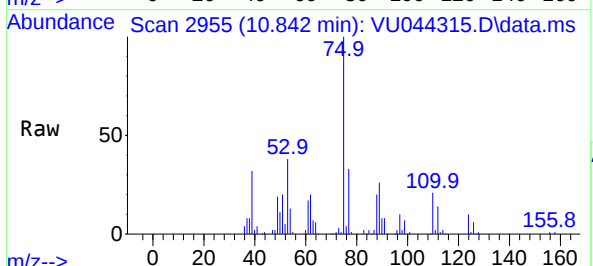
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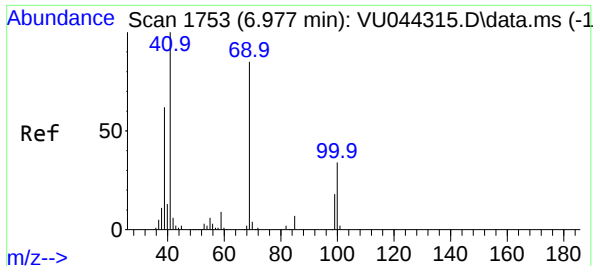
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#46  
t-1,4-Dichloro-2-butene  
Concen: 24.789 ug/l m  
RT: 10.842 min Scan# 2955  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 75 Resp: 59116  
Ion Ratio Lower Upper  
75 100  
53 79.6 63.7 95.5  
89 55.8 44.6 67.0  
88 44.2 35.4 53.0





#47

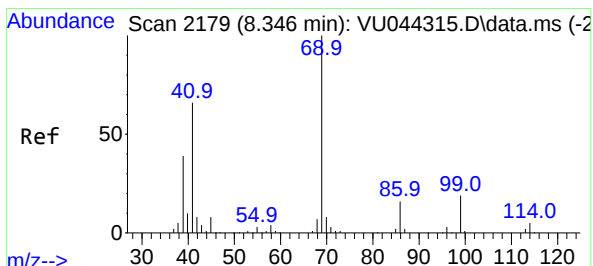
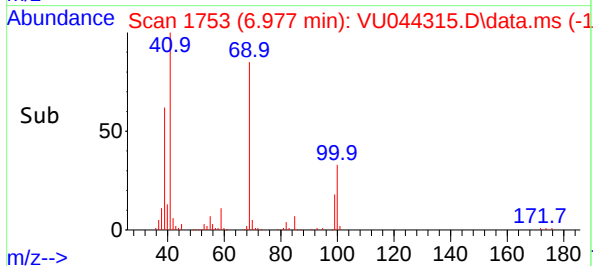
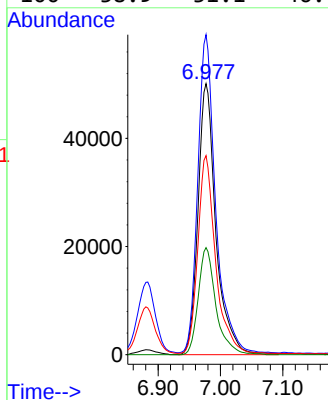
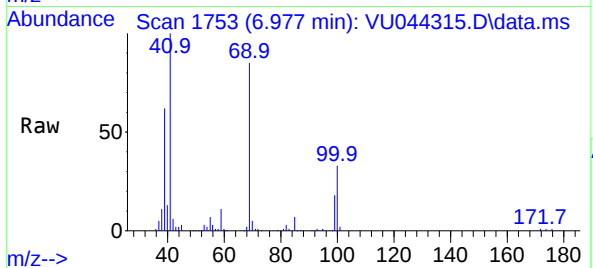
Methyl methacrylate  
Concen: 24.853 ug/l  
RT: 6.977 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 100416 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 116.1 | 0.0   | 232.2  |
| 39       | 71.9  | 57.5  | 86.3   |
| 100      | 38.9  | 31.1  | 46.7   |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

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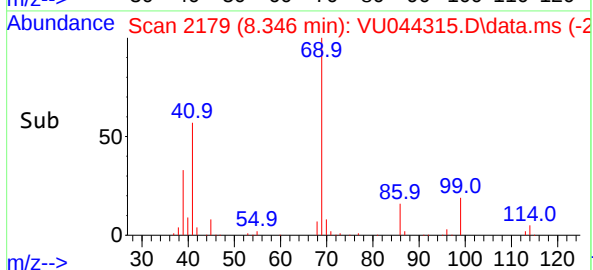
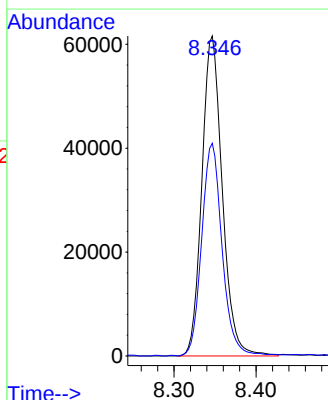
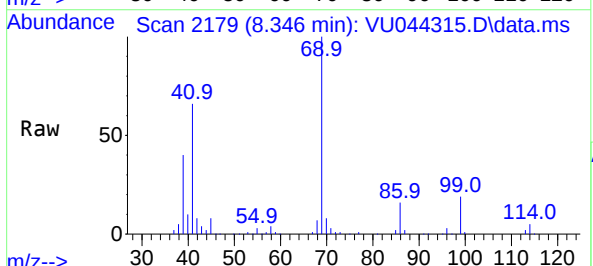
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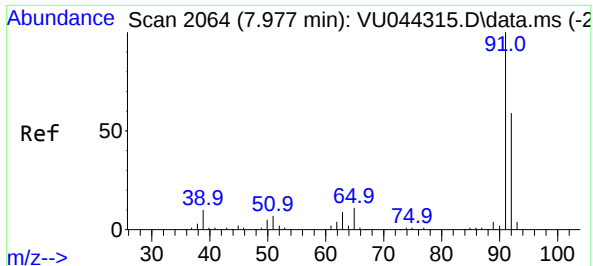


#48

Ethyl methacrylate  
Concen: 14.042 ug/l  
RT: 8.346 min Scan# 2179  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 106599 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 66.3  | 33.1  | 99.5   |





#49

Toluene

Concen: 11.061 ug/l

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU044315.D

Acq: 07 Jul 2021 13:42

Tgt Ion: 92 Resp: 218608

Ion Ratio Lower Upper

92 100

91 171.3 137.0 205.6

Instrument :

MSVOA\_U

ClientSampleId :

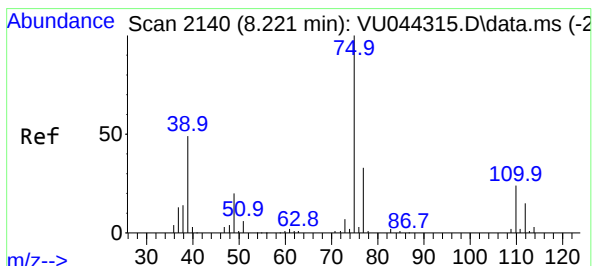
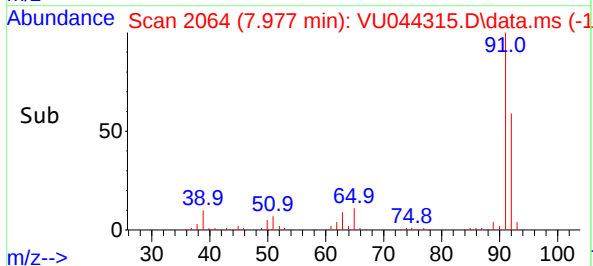
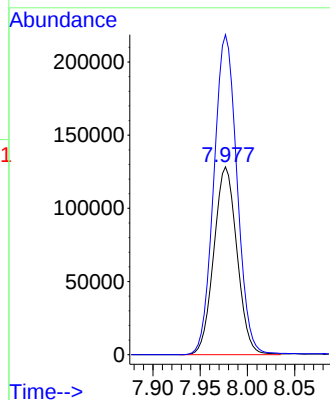
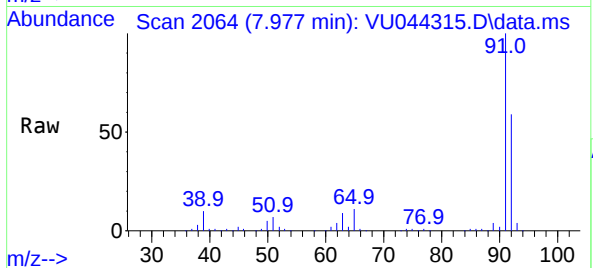
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#50

t-1,3-Dichloropropene

Concen: 12.346 ug/l

RT: 8.221 min Scan# 2140

Delta R.T. 0.000 min

Lab File: VU044315.D

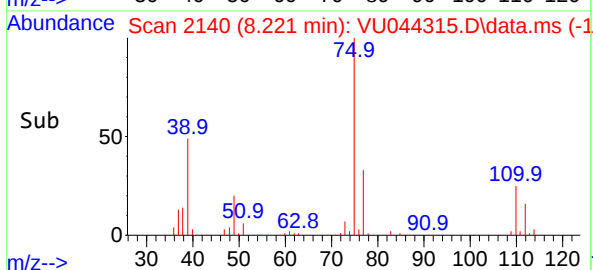
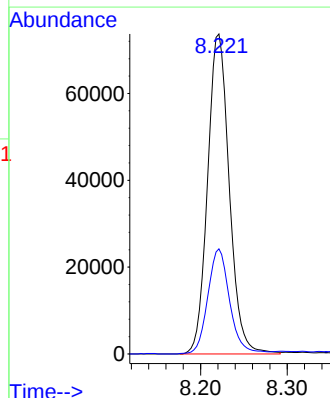
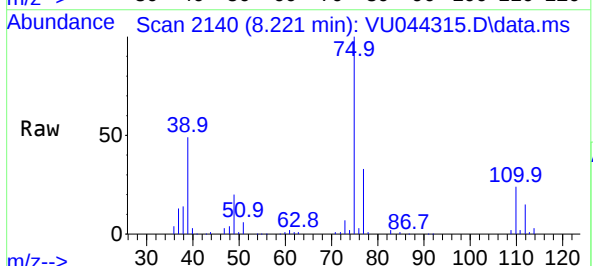
Acq: 07 Jul 2021 13:42

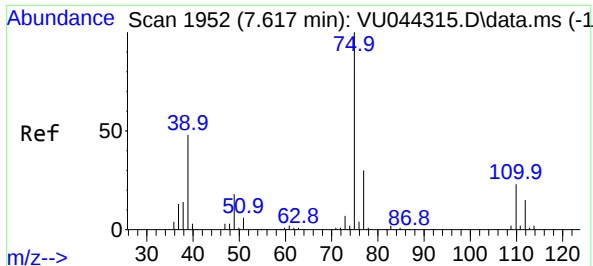
Tgt Ion: 75 Resp: 128321

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2





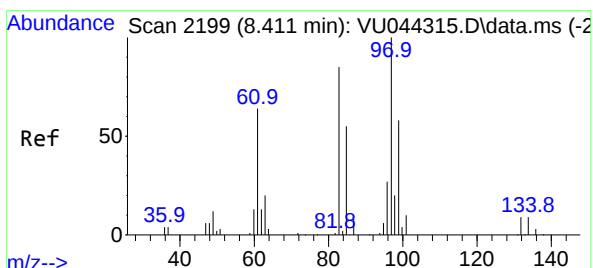
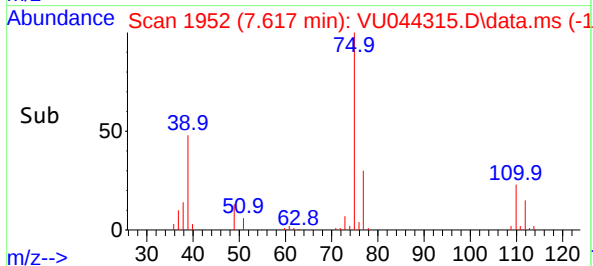
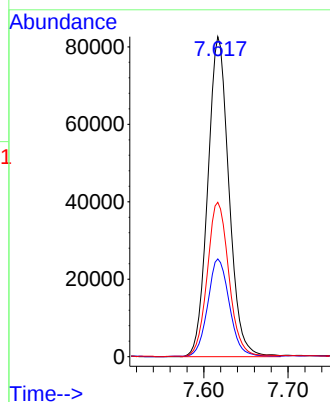
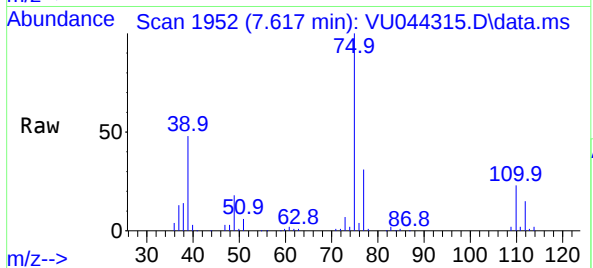
#51  
cis-1,3-Dichloropropene  
Concen: 12.358 ug/l  
RT: 7.617 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 144288 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 30.4  | 24.3  | 36.5   |
| 39       | 48.1  | 38.5  | 57.7   |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

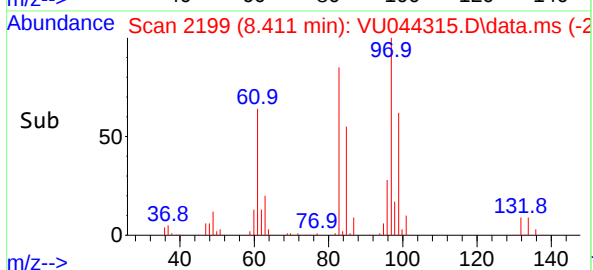
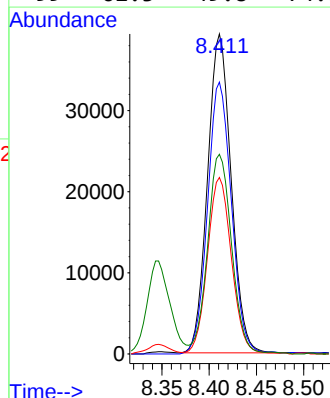
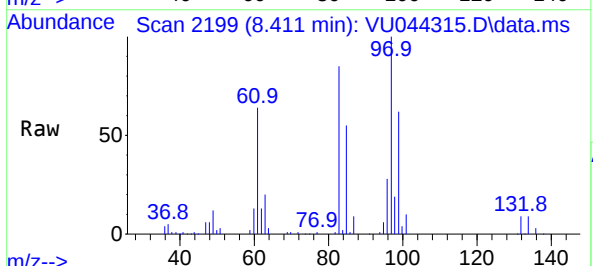
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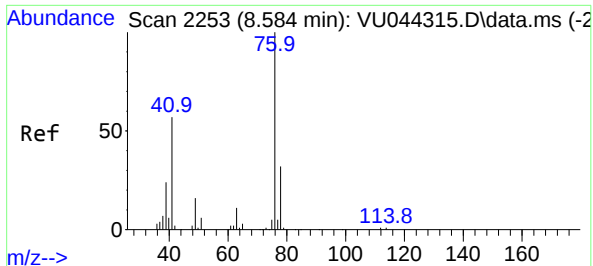
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#52  
1,1,2-Trichloroethane  
Concen: 10.185 ug/l  
RT: 8.411 min Scan# 2199  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 68256 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.2  | 68.2  | 102.2 |
| 85       | 55.0  | 44.0  | 66.0  |
| 99       | 62.3  | 49.8  | 74.8  |

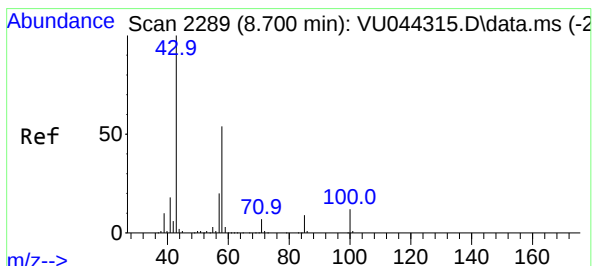
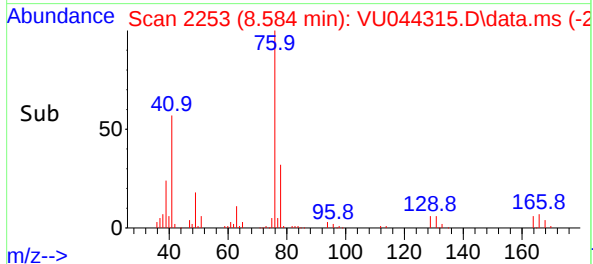
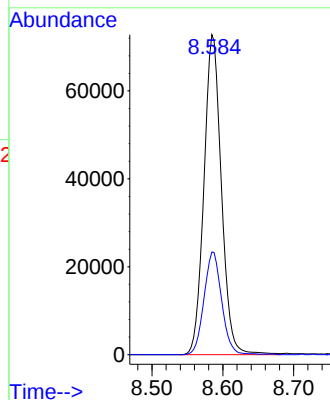
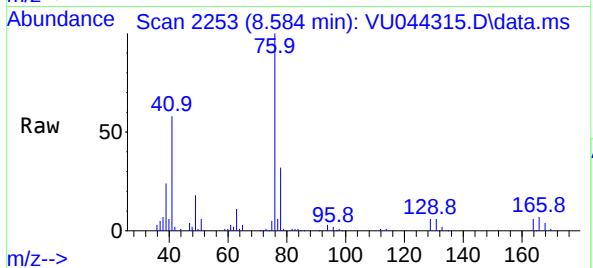




#53

1,3-Dichloropropane  
Concen: 10.541 ug/l  
RT: 8.584 min Scan# 2253  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

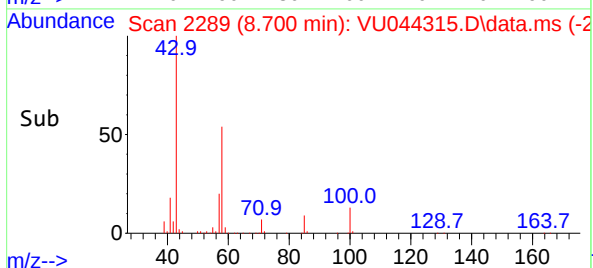
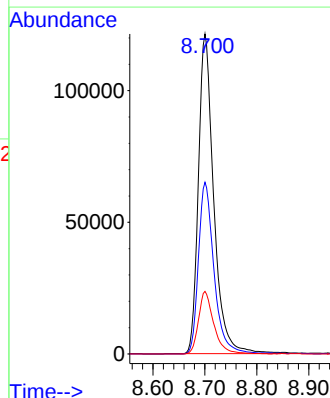
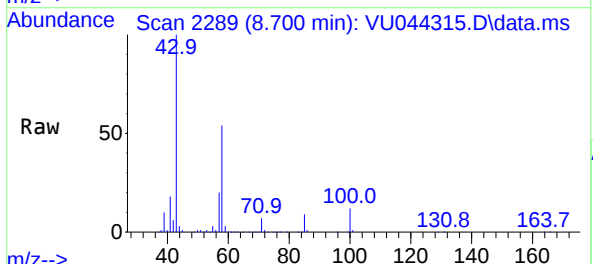
Tgt Ion: 76 Resp: 124542  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.9 38.9



#54

2-Hexanone  
Concen: 66.743 ug/l  
RT: 8.700 min Scan# 2289  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

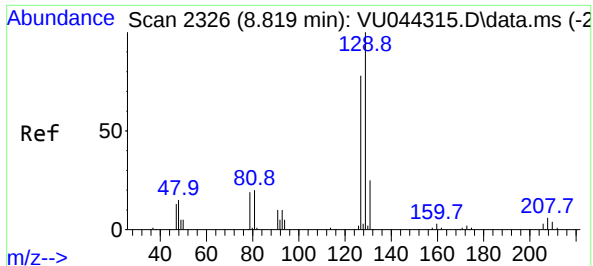
Tgt Ion: 43 Resp: 249048  
Ion Ratio Lower Upper  
43 100  
58 54.4 34.4 74.4  
57 19.5 0.0 39.5



Instrument :  
MSVOA\_U  
ClientSampleId :  
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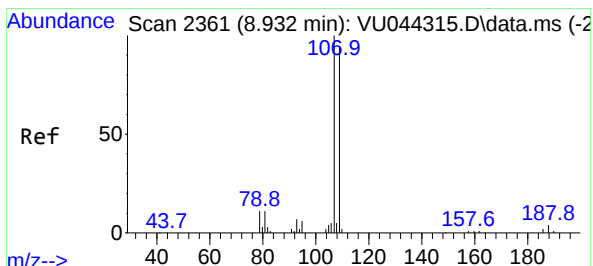
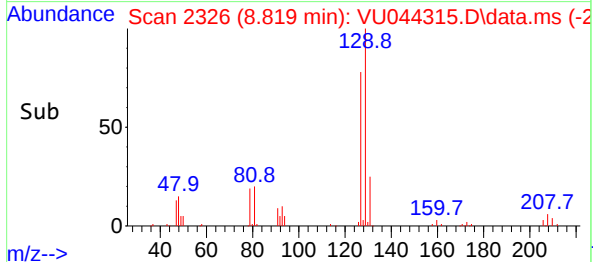
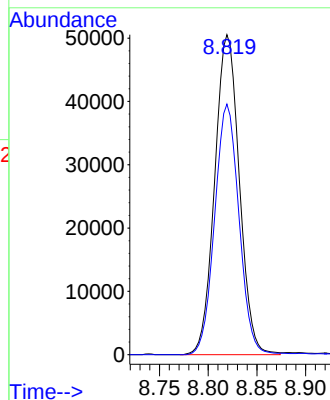
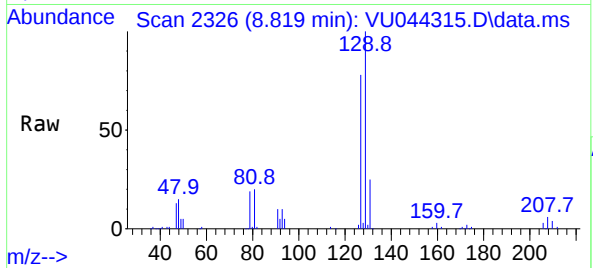
#55  
Dibromochloromethane  
Concen: 11.761 ug/l  
RT: 8.819 min Scan# 2326  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion:129 Resp: 88989  
Ion Ratio Lower Upper  
129 100  
127 77.3 61.8 92.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

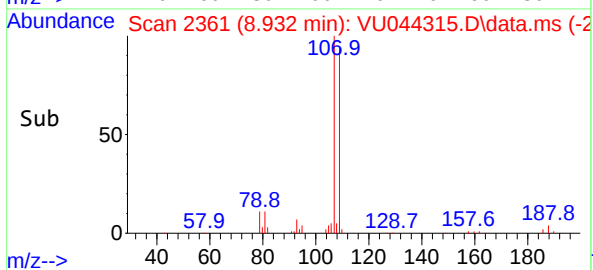
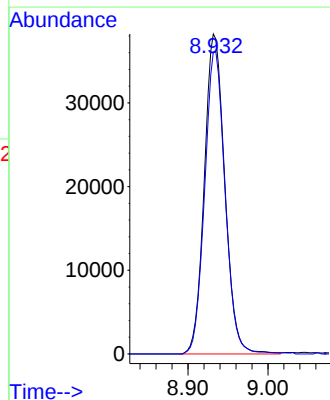
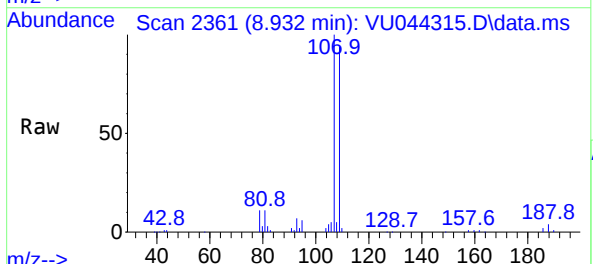
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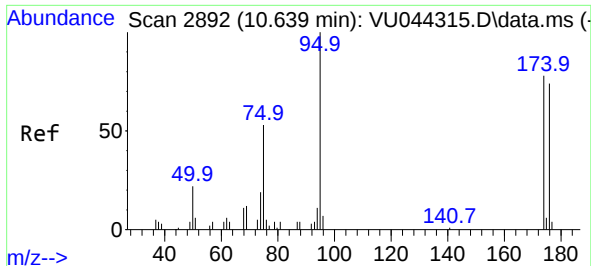
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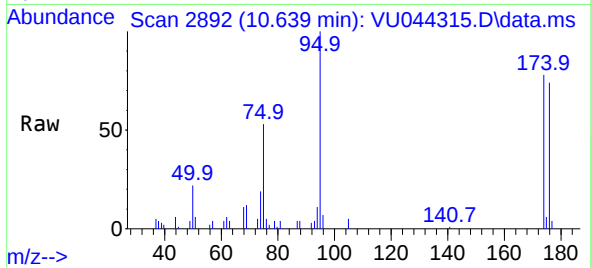
#56  
1,2-Dibromoethane  
Concen: 11.254 ug/l  
RT: 8.932 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion:107 Resp: 68197  
Ion Ratio Lower Upper  
107 100  
109 94.5 0.0 189.0

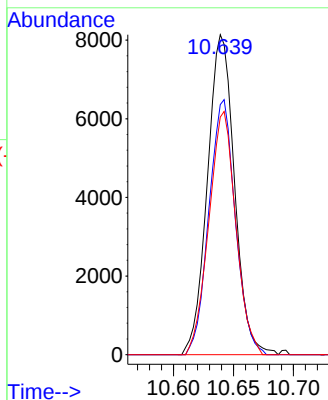
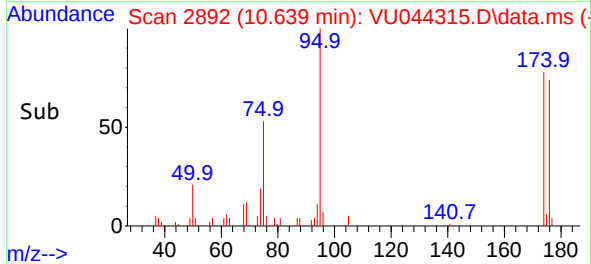




#57  
4-Bromofluorobenzene  
Concen: 1.236 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



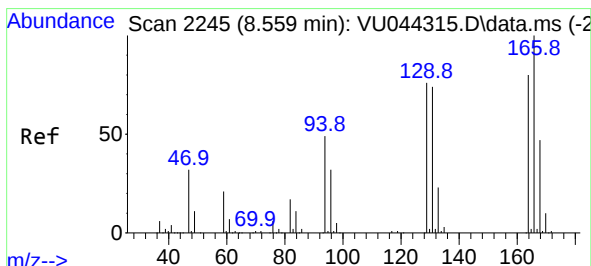
Tgt Ion: 95 Resp: 12781  
Ion Ratio Lower Upper  
95 100  
174 77.7 62.2 93.2  
176 75.4 60.3 90.5



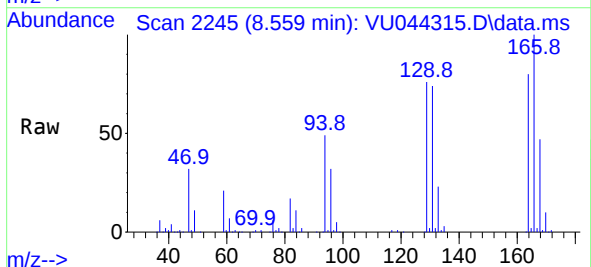
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

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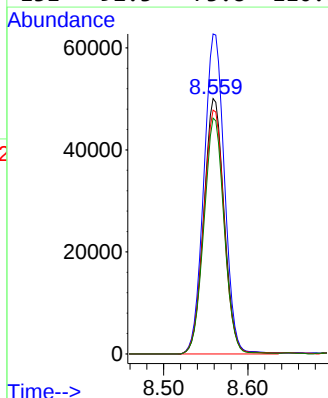
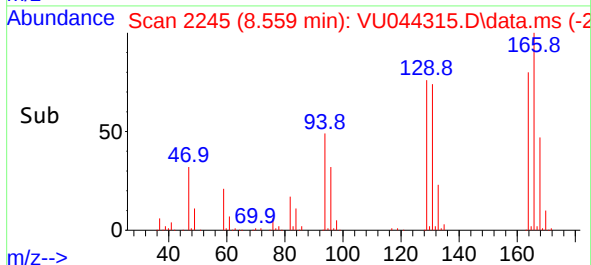
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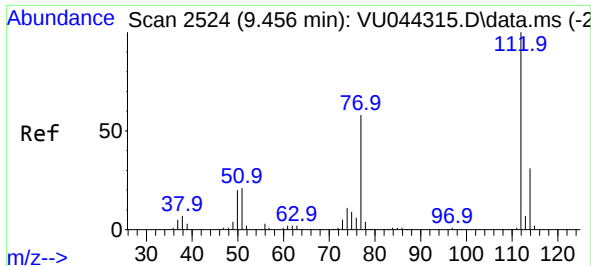


#58  
Tetrachloroethene  
Concen: 10.881 ug/l  
RT: 8.559 min Scan# 2245  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



Tgt Ion: 164 Resp: 84531  
Ion Ratio Lower Upper  
164 100  
166 125.3 100.2 150.4  
129 95.4 76.3 114.5  
131 92.3 73.8 110.8





#59

Chlorobenzene

Concen: 11.588 ug/l

RT: 9.456 min Scan# 2524

Delta R.T. 0.000 min

Lab File: VU044315.D

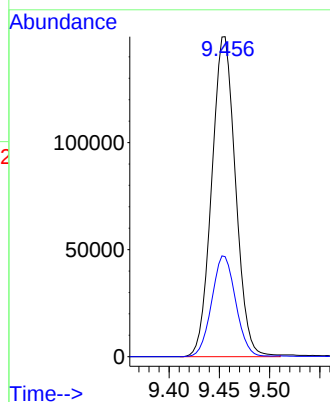
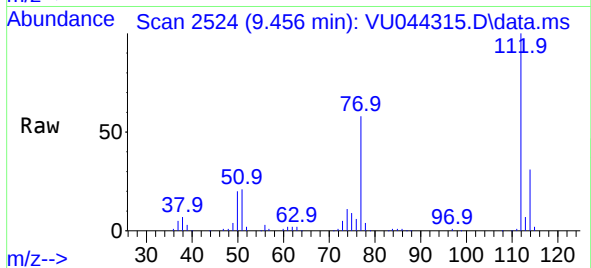
Acq: 07 Jul 2021 13:42

Tgt Ion:112 Resp: 245852

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.6



Instrument :

MSVOA\_U

ClientSampleId :

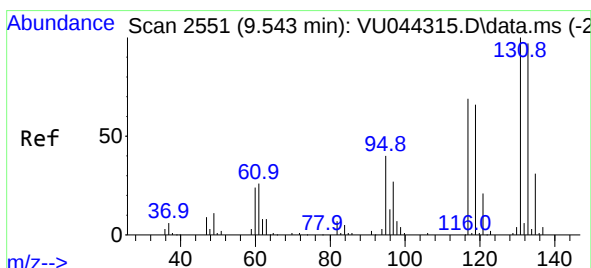
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#60

1,1,1,2-Tetrachloroethane

Concen: 11.389 ug/l

RT: 9.543 min Scan# 2551

Delta R.T. 0.000 min

Lab File: VU044315.D

Acq: 07 Jul 2021 13:42

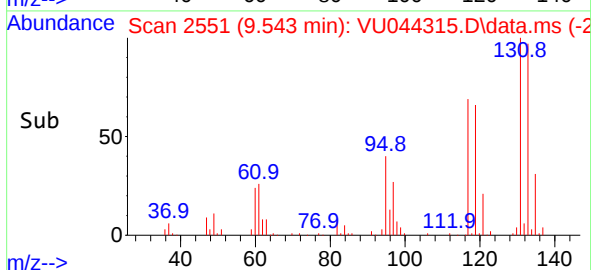
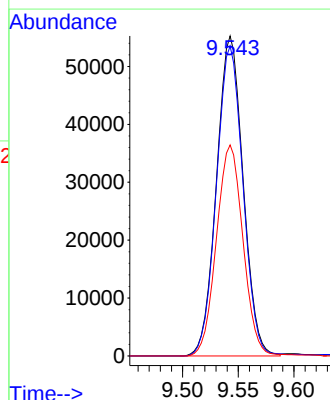
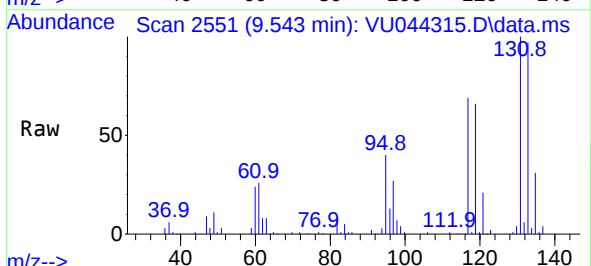
Tgt Ion:131 Resp: 91749

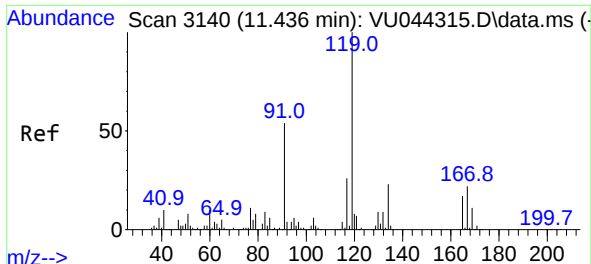
Ion Ratio Lower Upper

131 100

133 96.6 77.3 115.9

119 66.0 52.8 79.2





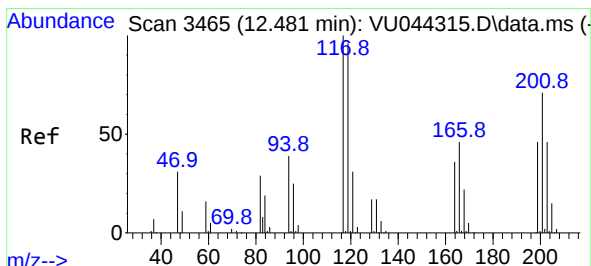
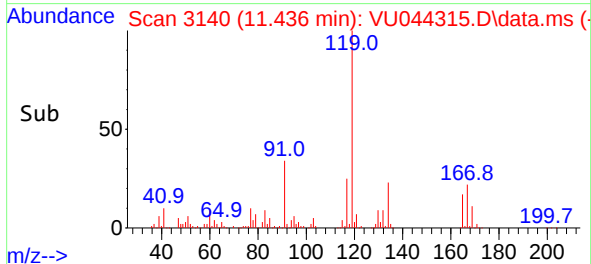
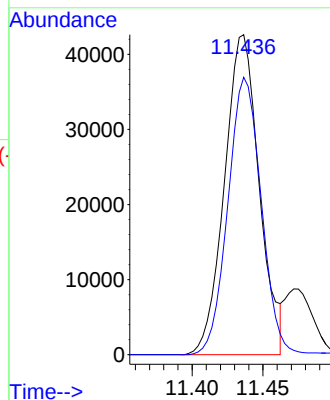
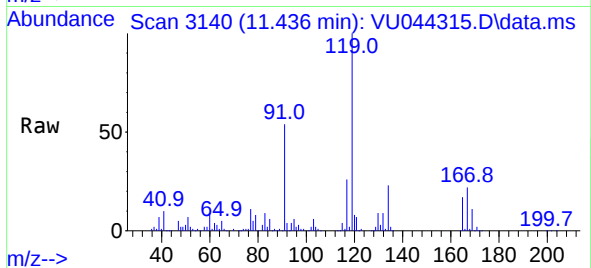
#61  
Pentachloroethane  
Concen: 11.151 ug/l  
RT: 11.436 min Scan# 3140  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion:117 Resp: 72745  
Ion Ratio Lower Upper  
117 100  
167 83.4 66.7 100.1

Instrument :  
MSVOA\_U  
ClientSampleId :  
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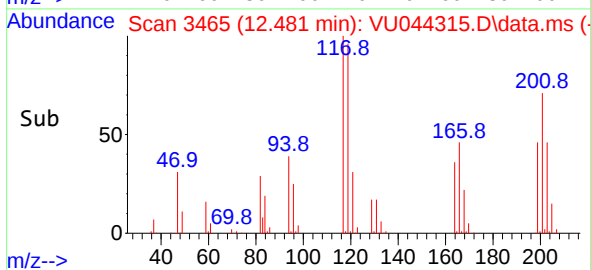
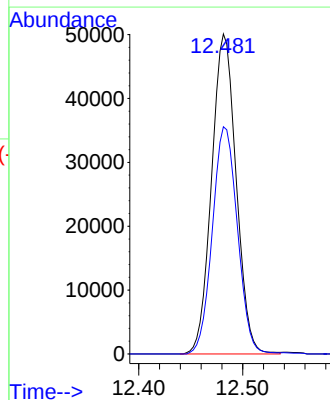
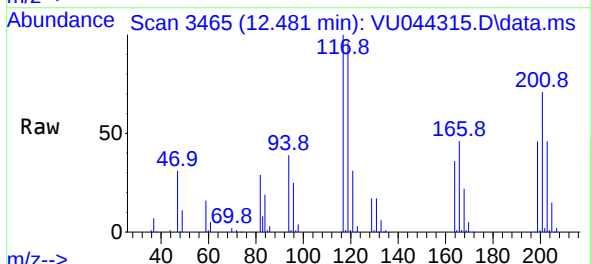
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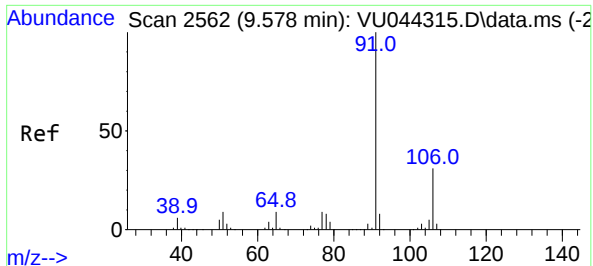
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#62  
Hexachloroethane  
Concen: 12.475 ug/l  
RT: 12.481 min Scan# 3465  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion:117 Resp: 82349  
Ion Ratio Lower Upper  
117 100  
201 72.5 58.0 87.0





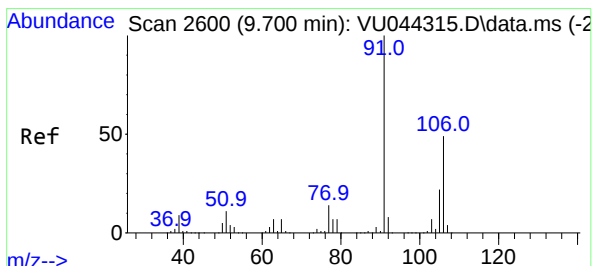
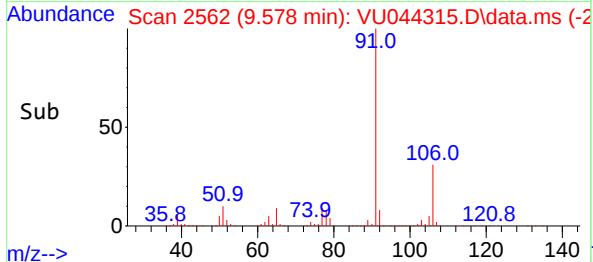
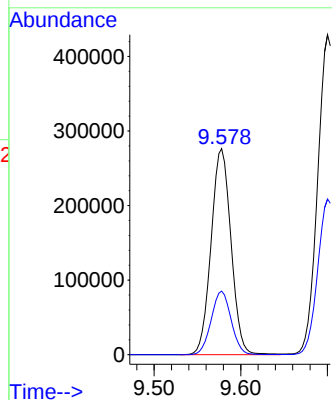
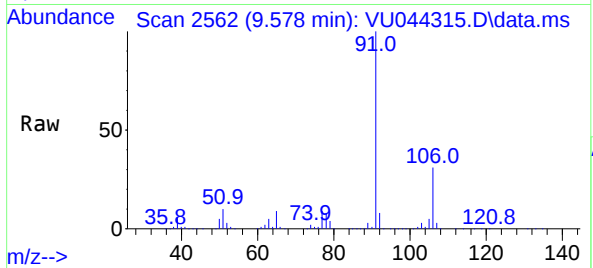
#63  
Ethyl Benzene  
Concen: 12.643 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 91 Resp: 441118  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.6 37.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

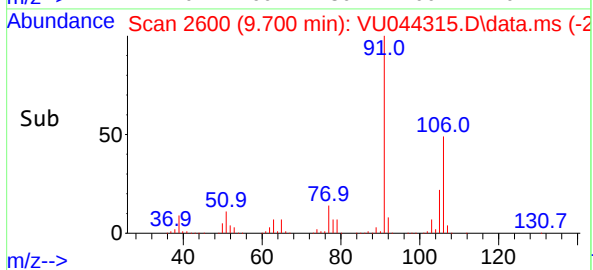
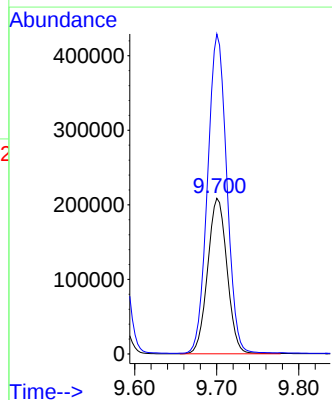
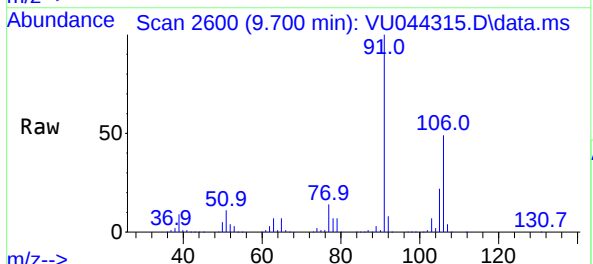
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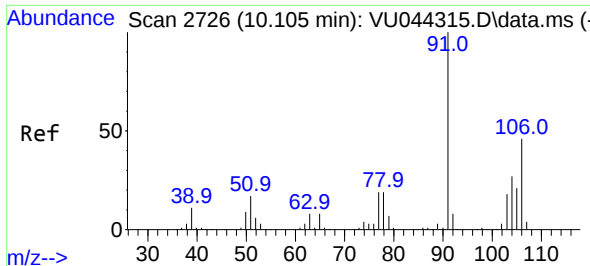
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#64  
m/p-Xylenes  
Concen: 24.971 ug/l  
RT: 9.700 min Scan# 2600  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 106 Resp: 342550  
Ion Ratio Lower Upper  
106 100  
91 203.1 162.5 243.7





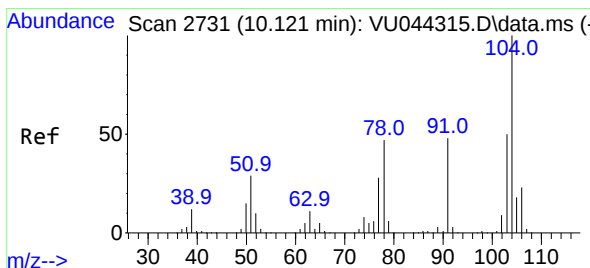
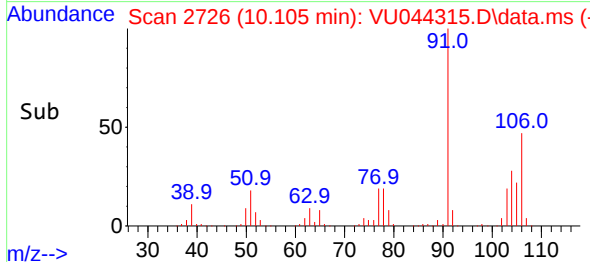
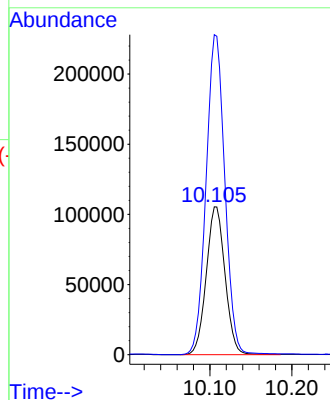
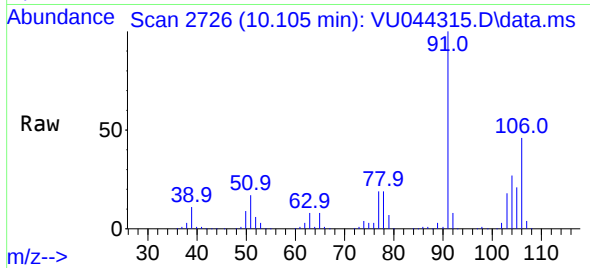
#65  
o-Xylene  
Concen: 12.952 ug/l  
RT: 10.105 min Scan# 2726  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion:106 Resp: 167062  
Ion Ratio Lower Upper  
106 100  
91 216.4 108.2 324.6

Instrument :  
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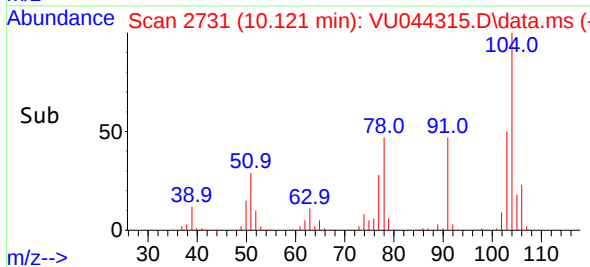
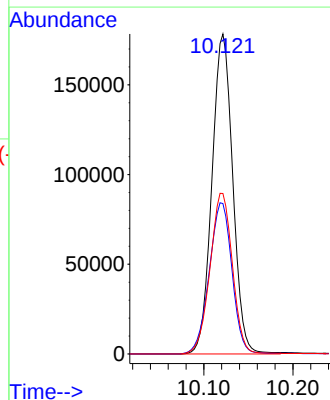
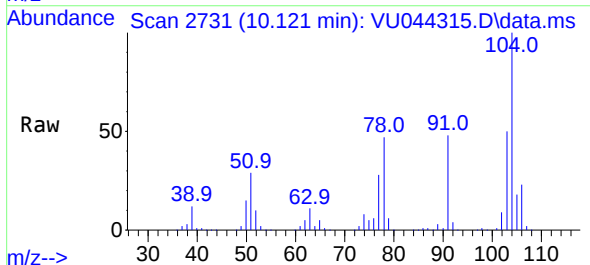
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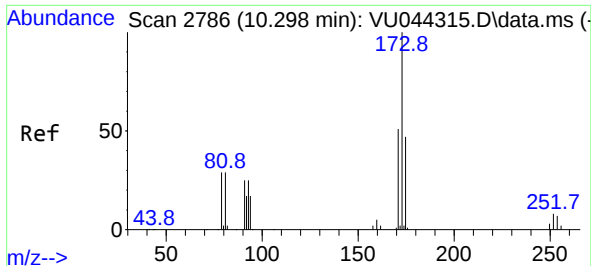
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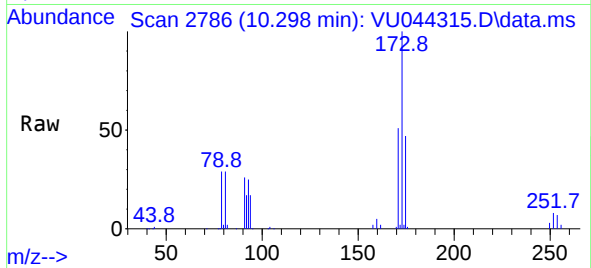
#66  
Styrene  
Concen: 12.790 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion:104 Resp: 289400  
Ion Ratio Lower Upper  
104 100  
78 52.0 41.6 62.4  
103 54.1 43.3 64.9

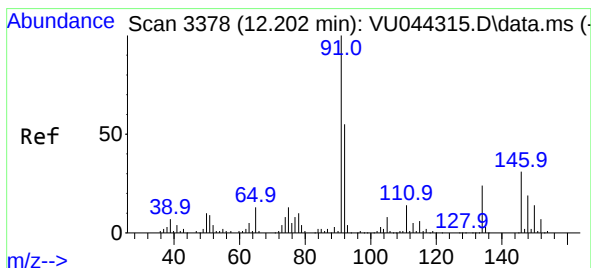
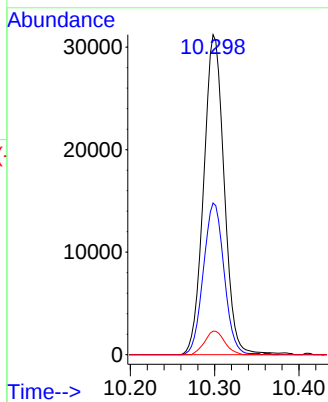
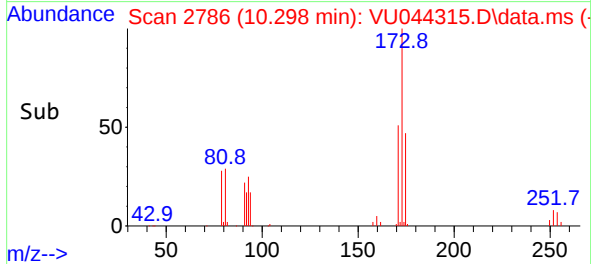




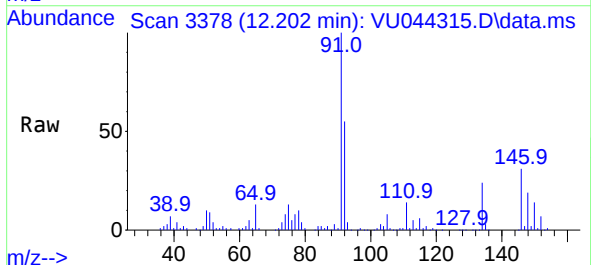
#67  
Bromoform  
Concen: 12.555 ug/l  
RT: 10.298 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



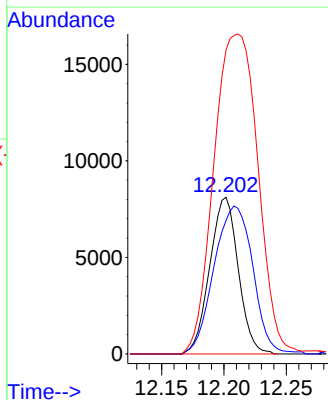
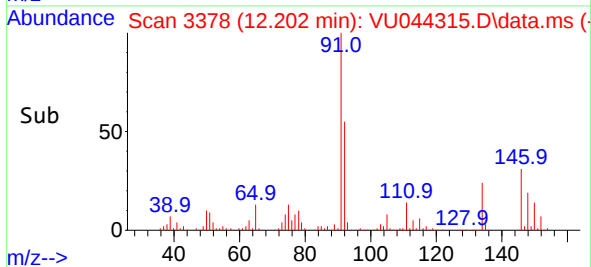
Tgt Ion:173 Resp: 52820  
Ion Ratio Lower Upper  
173 100  
175 47.9 38.3 57.5  
254 7.2 5.8 8.6



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.171 ug/l  
RT: 12.202 min Scan# 3378  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



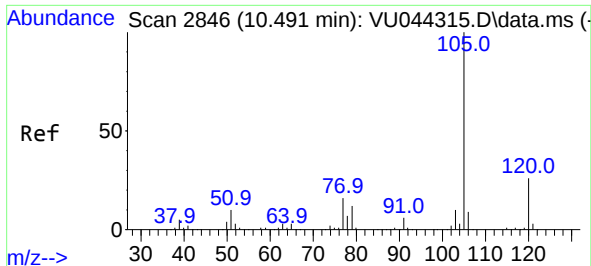
Tgt Ion:152 Resp: 12936  
Ion Ratio Lower Upper  
152 100  
115 128.5 0.0 257.0  
150 315.1 0.0 630.2



Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

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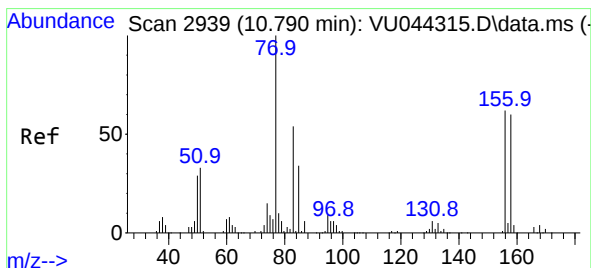
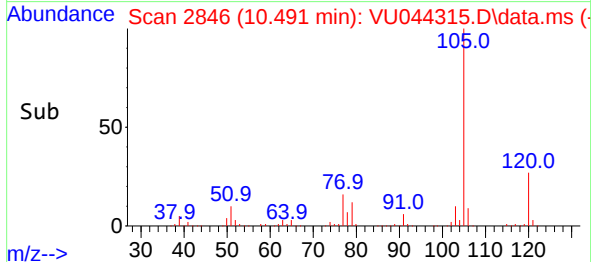
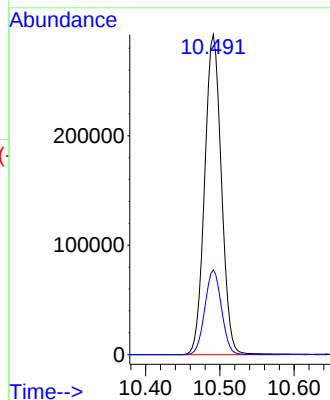
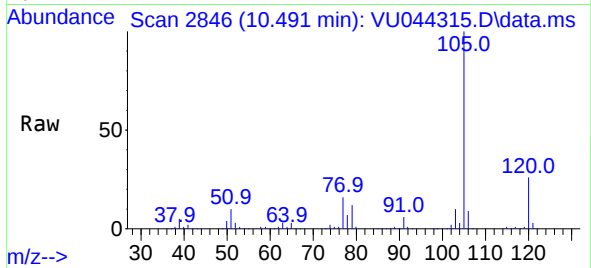
#69  
Isopropylbenzene  
Concen: 13.255 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

Tgt Ion:105 Resp: 457053  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.1 39.3

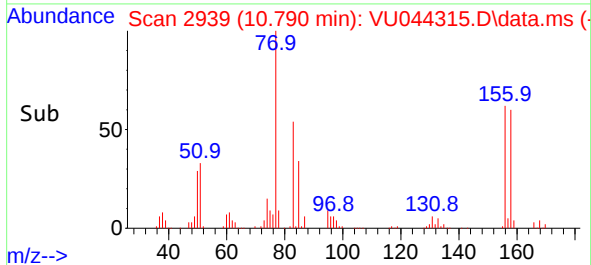
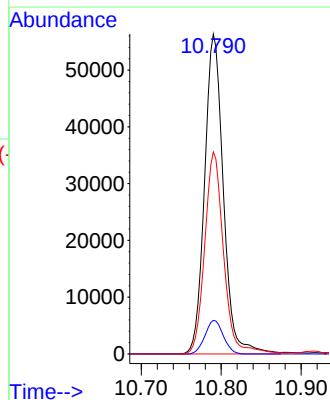
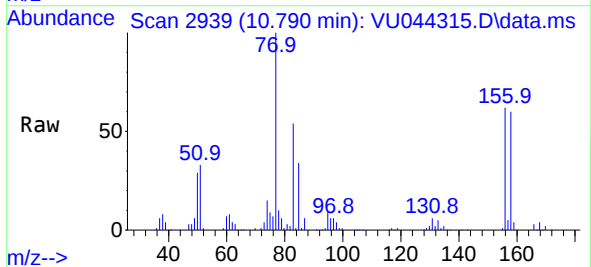
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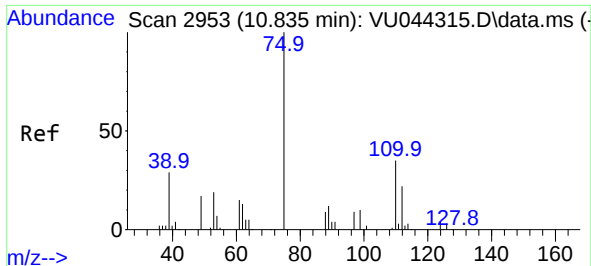
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#70  
1,1,2,2-Tetrachloroethane  
Concen: 10.412 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 83 Resp: 92149  
Ion Ratio Lower Upper  
83 100  
131 10.2 8.2 12.2  
85 63.5 50.8 76.2





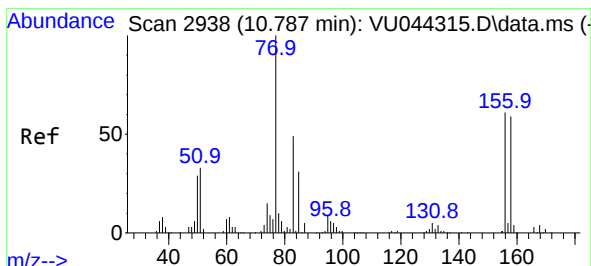
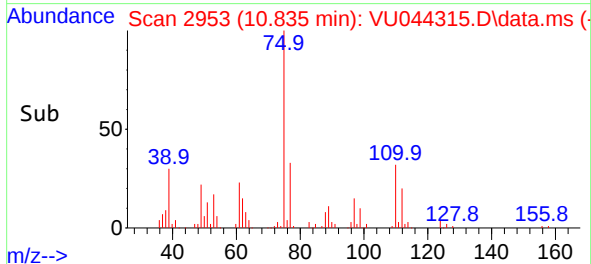
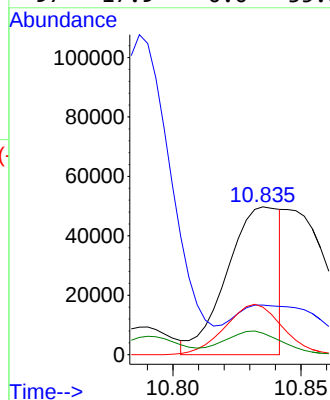
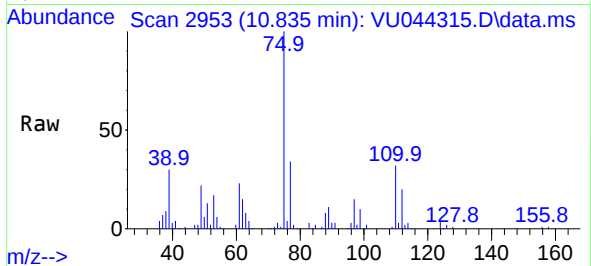
#71  
1,2,3-Trichloropropane  
Concen: 10.745 ug/l m  
RT: 10.835 min Scan# 2953  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 71479 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 55.7  | 0.0   | 111.4 |
| 110      | 37.3  | 0.0   | 74.6  |
| 97       | 17.9  | 0.0   | 35.8  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

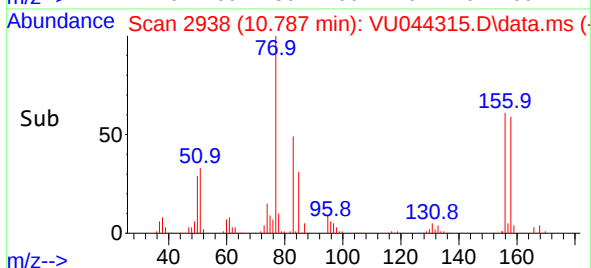
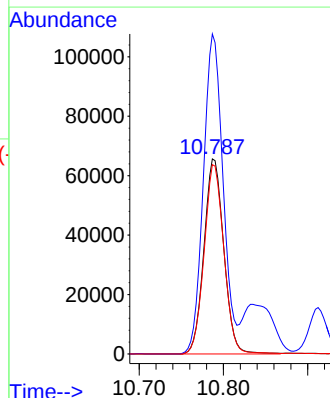
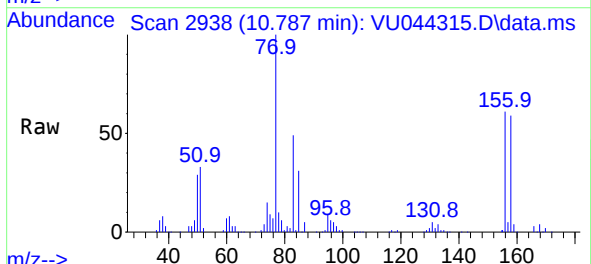
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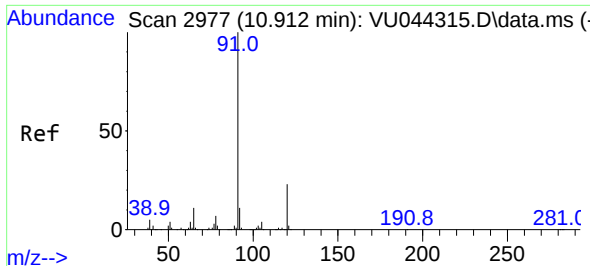
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#72  
Bromobenzene  
Concen: 12.323 ug/l  
RT: 10.787 min Scan# 2938  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 156   | Resp: | 107705 |
| Ion      | Ratio | Lower | Upper  |
| 156      | 100   |       |        |
| 77       | 162.1 | 0.0   | 324.2  |
| 158      | 96.2  | 0.0   | 192.4  |





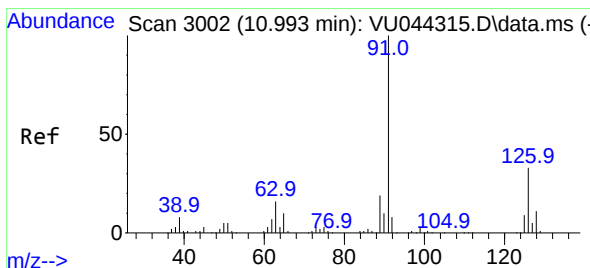
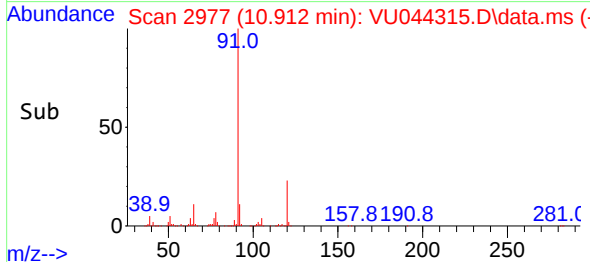
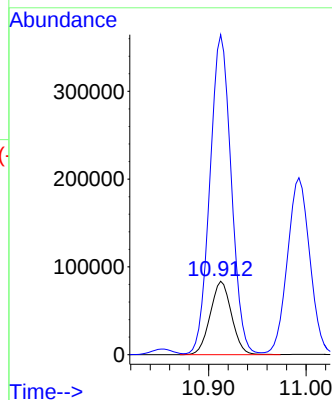
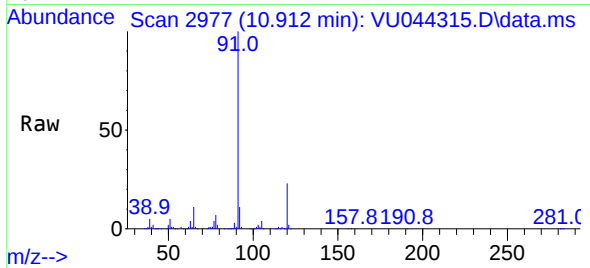
#73  
n-propylbenzene  
Concen: 13.234 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion:120 Resp: 126965  
Ion Ratio Lower Upper  
120 100  
91 433.2 346.6 519.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

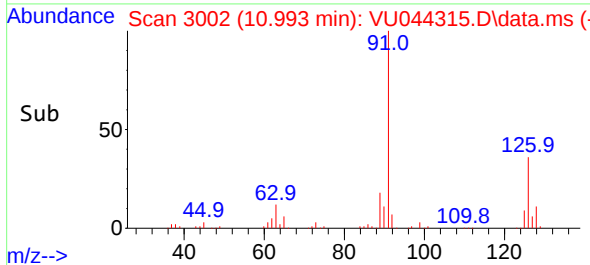
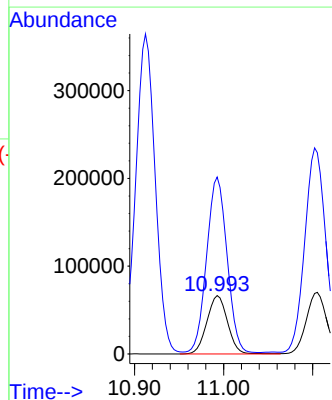
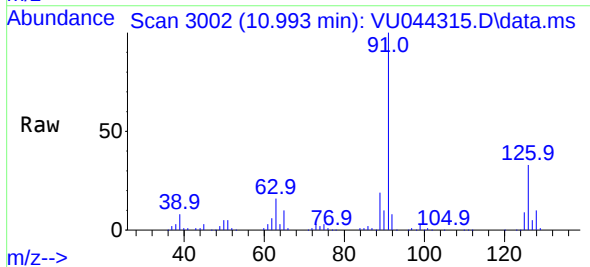
Manual Integrations  
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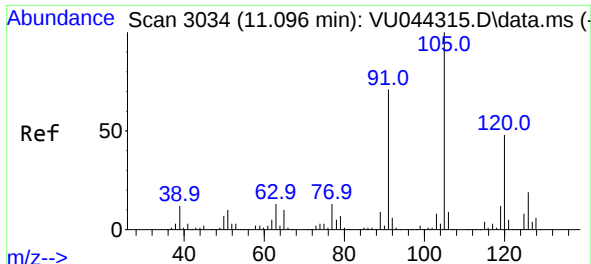
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#74  
2-Chlorotoluene  
Concen: 12.420 ug/l  
RT: 10.993 min Scan# 3002  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

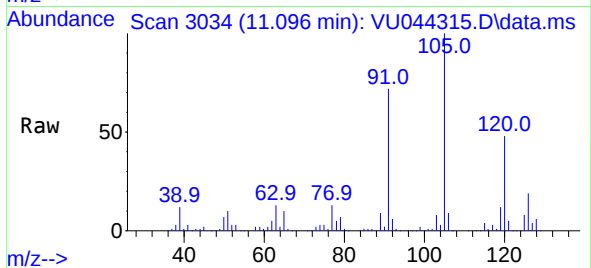
Tgt Ion:126 Resp: 106556  
Ion Ratio Lower Upper  
126 100  
91 296.6 0.0 593.2





#75  
1,3,5-Trimethylbenzene  
Concen: 12.991 ug/l  
RT: 11.096 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

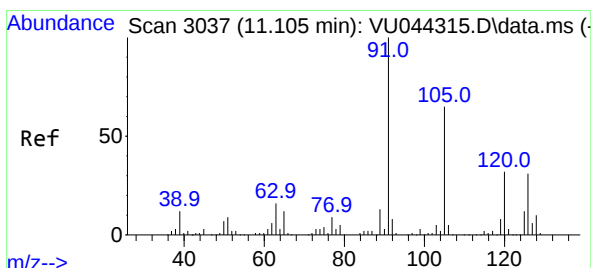
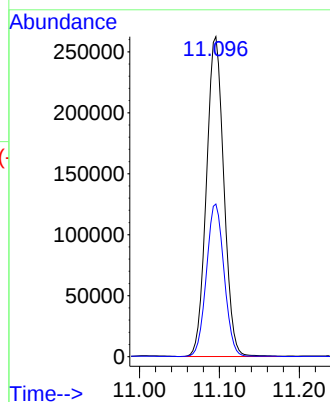
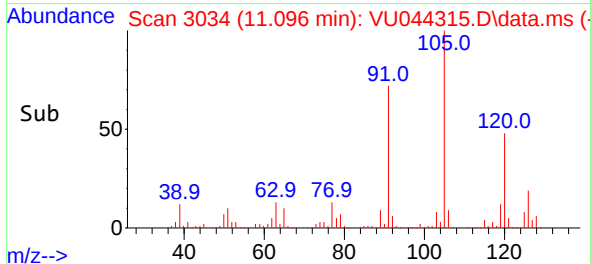
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



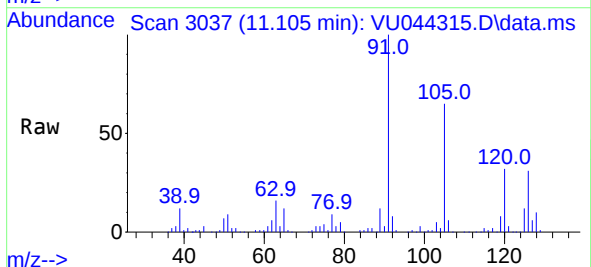
Tgt Ion:105 Resp: 397864  
Ion Ratio Lower Upper  
105 100  
120 48.3 38.6 58.0

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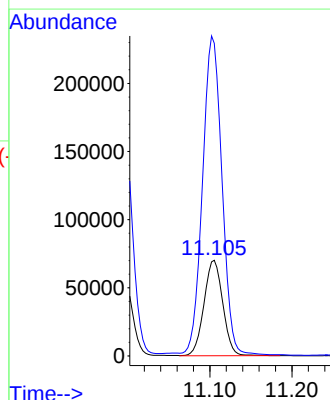
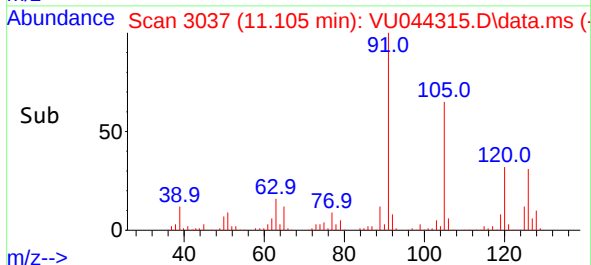
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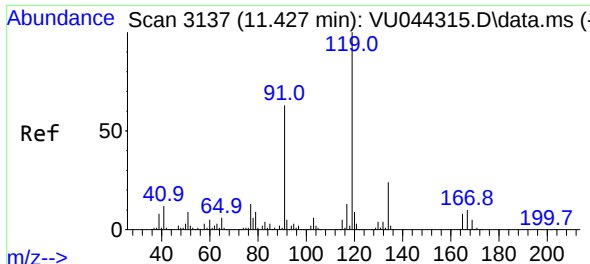


#76  
4-Chlorotoluene  
Concen: 12.085 ug/l  
RT: 11.105 min Scan# 3037  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



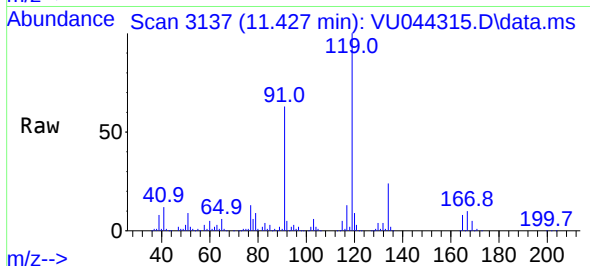
Tgt Ion:126 Resp: 111479  
Ion Ratio Lower Upper  
126 100  
91 346.2 0.0 692.4





#77  
tert-Butylbenzene  
Concen: 13.324 ug/l  
RT: 11.427 min Scan# 3137  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

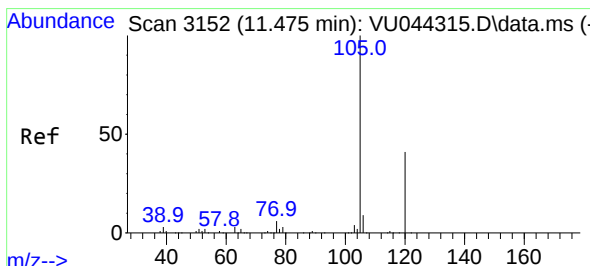
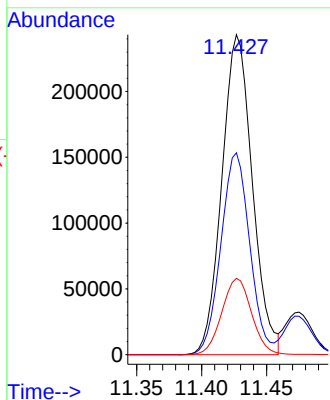
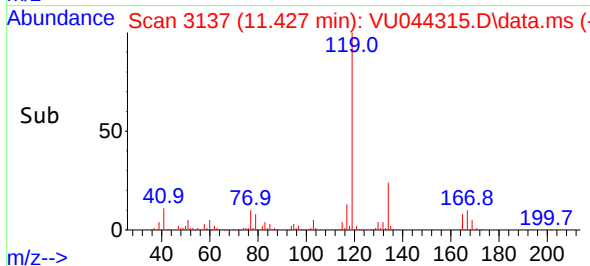
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



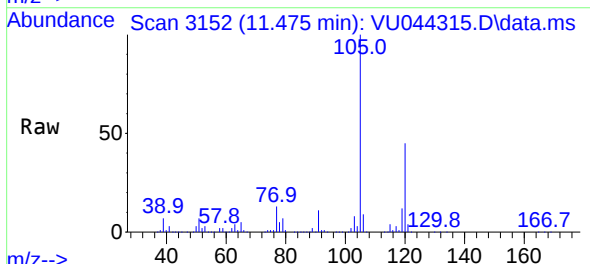
Tgt Ion:119 Resp: 397187  
Ion Ratio Lower Upper  
119 100  
91 59.8 29.9 89.7  
134 23.4 18.7 28.1

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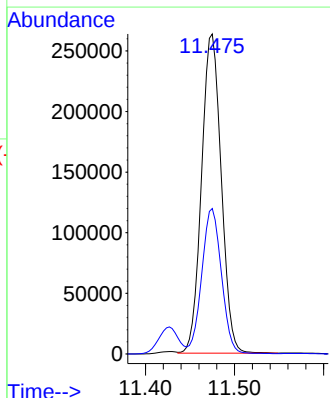
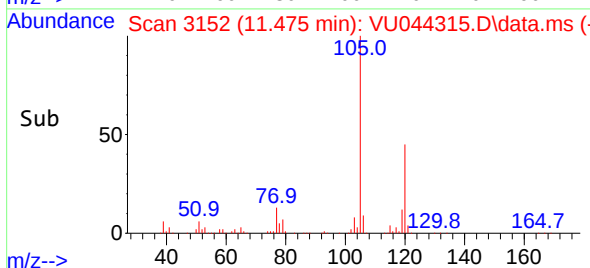
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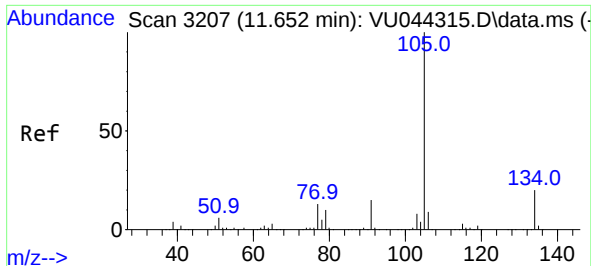


#78  
1,2,4-Trimethylbenzene  
Concen: 12.904 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



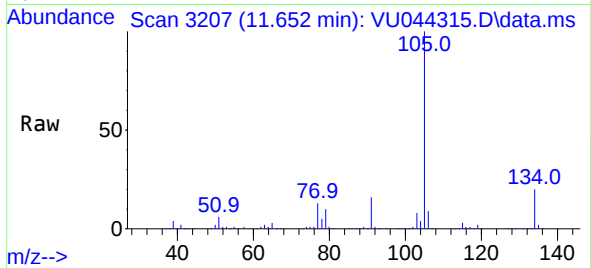
Tgt Ion:105 Resp: 404095  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.7 68.0





#79  
sec-Butylbenzene  
Concen: 12.843 ug/l  
RT: 11.652 min Scan# 3207  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

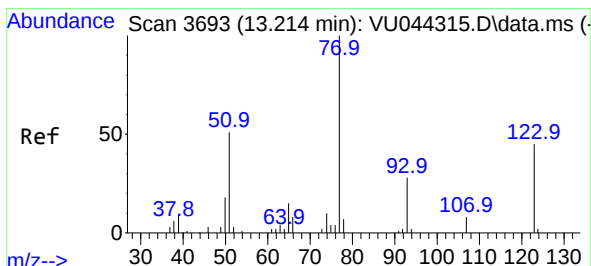
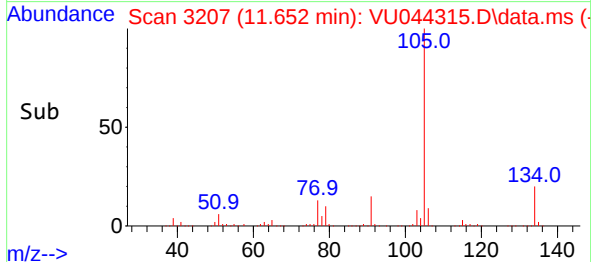
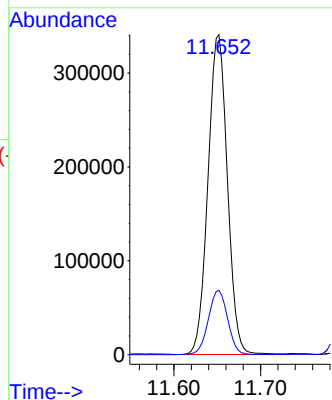
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



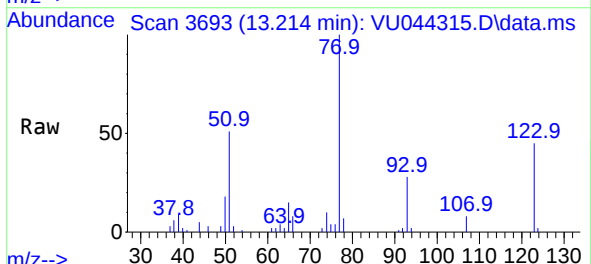
Tgt Ion:105 Resp: 530135  
Ion Ratio Lower Upper  
105 100  
134 20.1 16.1 24.1

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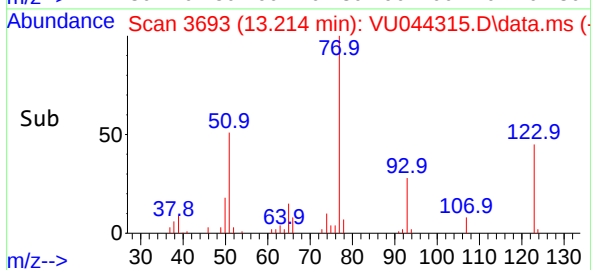
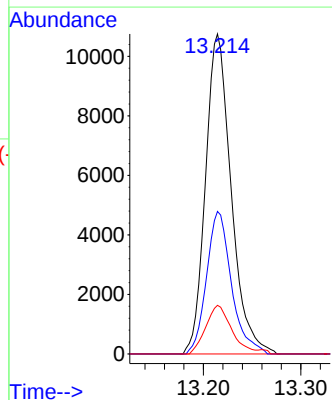
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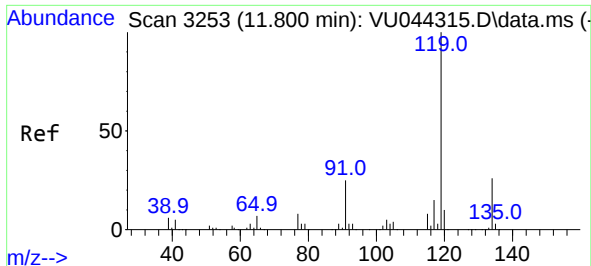


#80  
Nitrobenzene  
Concen: 69.828 ug/l  
RT: 13.214 min Scan# 3693  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



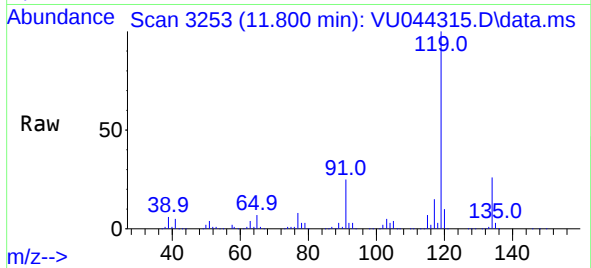
Tgt Ion: 77 Resp: 19676  
Ion Ratio Lower Upper  
77 100  
123 43.2 19.0 67.4  
65 13.9 12.2 15.6





#81  
p-Isopropyltoluene  
Concen: 13.359 ug/l  
RT: 11.800 min Scan# 3253  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

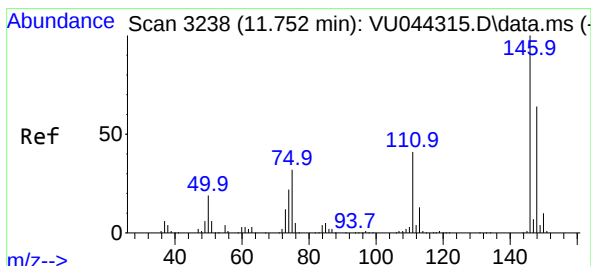
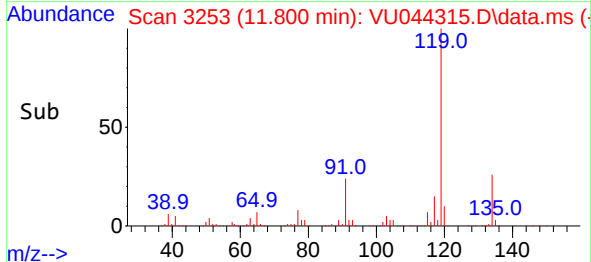
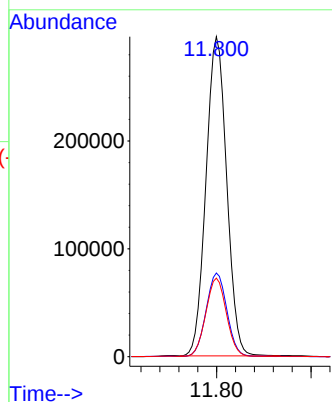
Instrument :  
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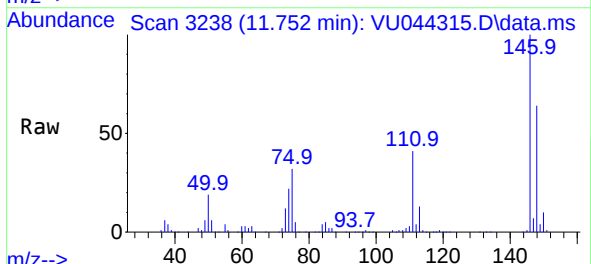
Tgt Ion:119 Resp: 449618  
Ion Ratio Lower Upper  
119 100  
134 26.2 21.0 31.4  
91 24.3 19.4 29.2

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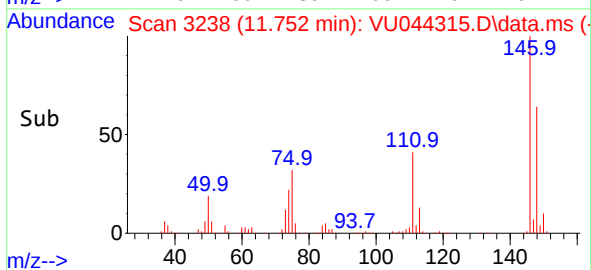
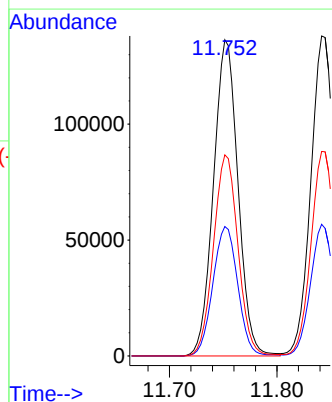
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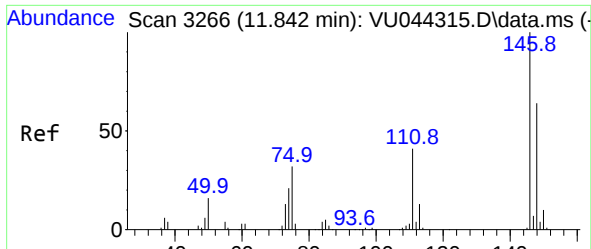


#82  
1,3-Dichlorobenzene  
Concen: 11.483 ug/l  
RT: 11.752 min Scan# 3238  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

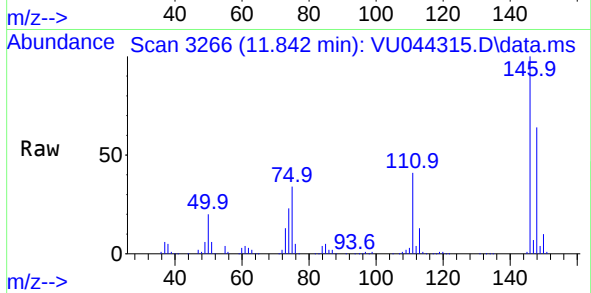


Tgt Ion:146 Resp: 216110  
Ion Ratio Lower Upper  
146 100  
111 41.6 33.3 49.9  
148 63.6 50.9 76.3

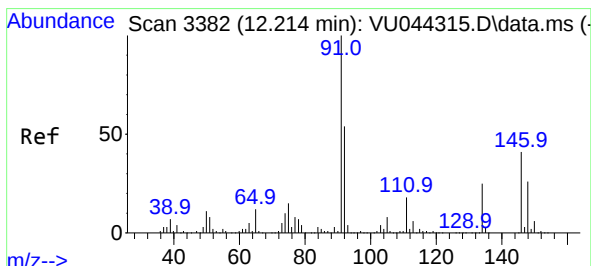
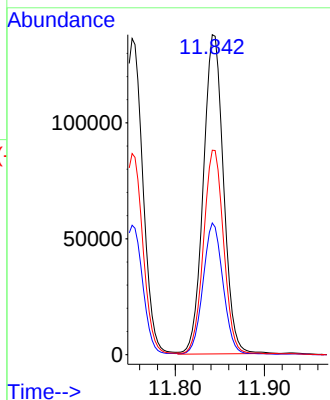
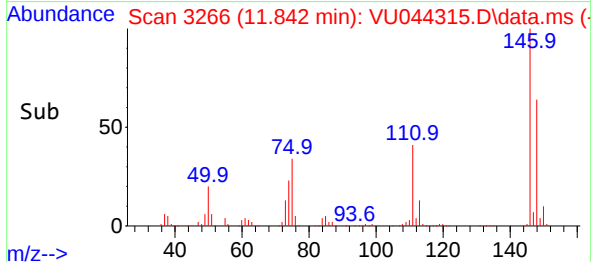




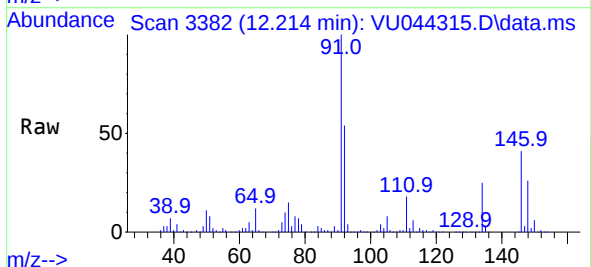
#83  
1,4-Dichlorobenzene  
Concen: 11.573 ug/l  
RT: 11.842 min Scan# 3266  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



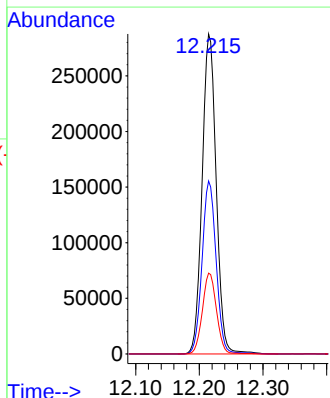
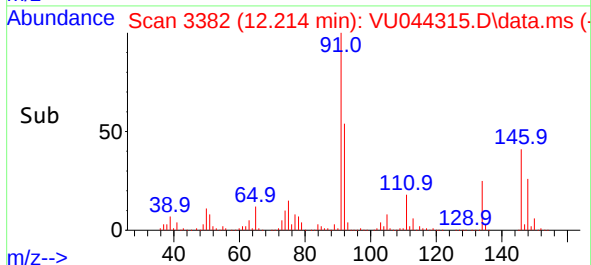
Tgt Ion:146 Resp: 216763  
Ion Ratio Lower Upper  
146 100  
111 40.7 32.6 48.8  
148 63.5 50.8 76.2



#84  
n-Butylbenzene  
Concen: 13.258 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



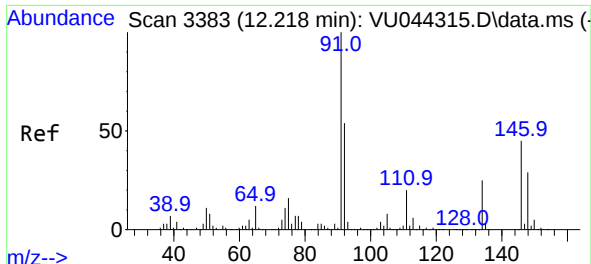
Tgt Ion: 91 Resp: 442159  
Ion Ratio Lower Upper  
91 100  
92 54.1 43.3 64.9  
134 25.3 20.2 30.4



Instrument :  
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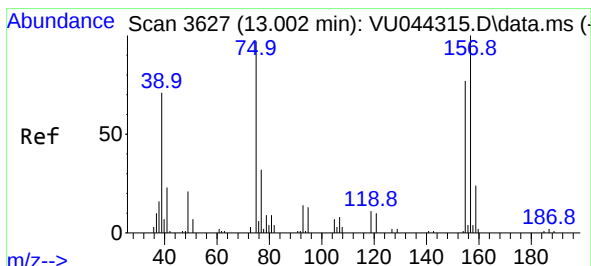
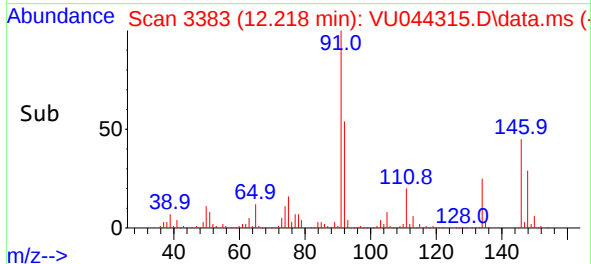
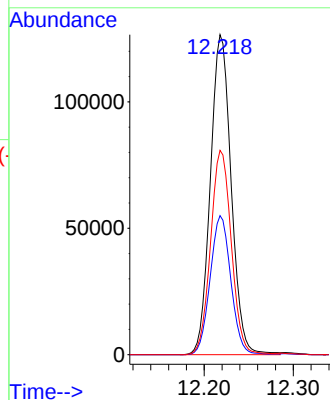
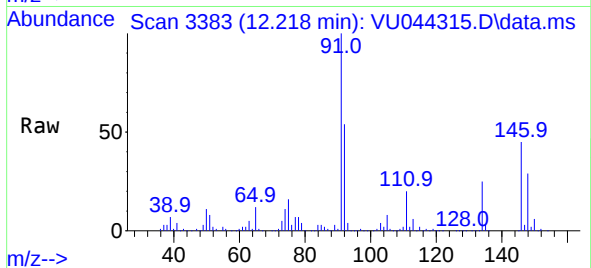
#85  
1,2-Dichlorobenzene  
Concen: 11.463 ug/l  
RT: 12.218 min Scan# 3383  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

Tgt Ion: 146 Resp: 205243  
Ion Ratio Lower Upper  
146 100  
111 43.1 21.6 64.6  
148 63.8 31.9 95.7

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

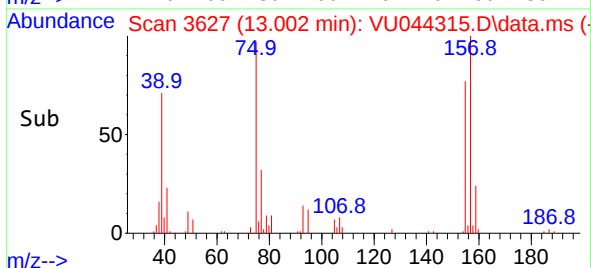
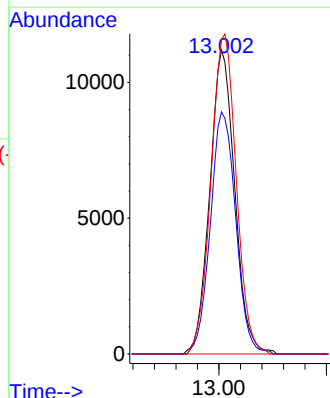
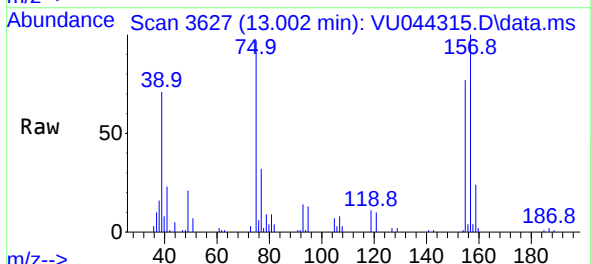
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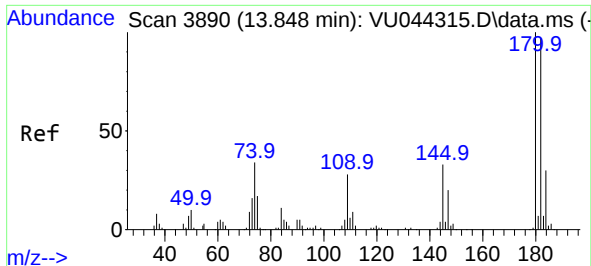
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#86  
1,2-Dibromo-3-Chloropropane  
Concen: 12.914 ug/l  
RT: 13.002 min Scan# 3627  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

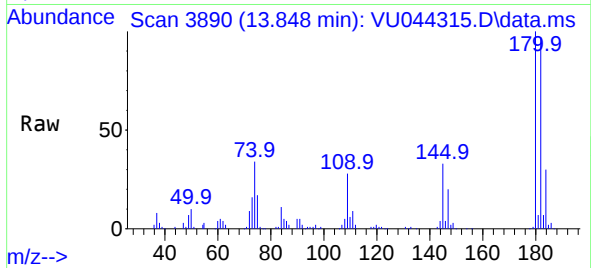
Tgt Ion: 75 Resp: 18025  
Ion Ratio Lower Upper  
75 100  
155 80.9 64.7 97.1  
157 106.6 85.3 127.9





#87  
1,2,4-Trichlorobenzene  
Concen: 13.594 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

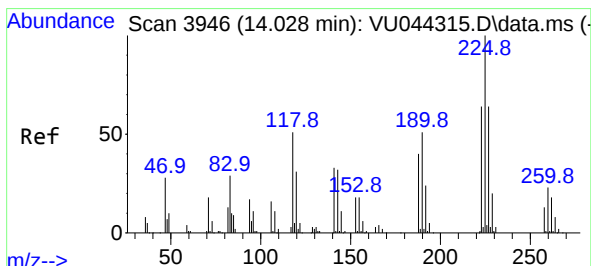
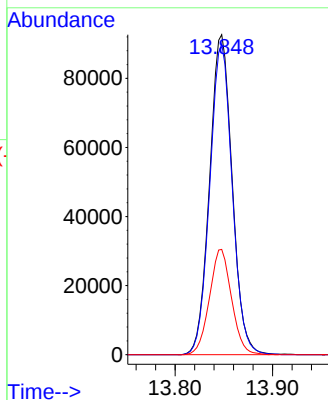
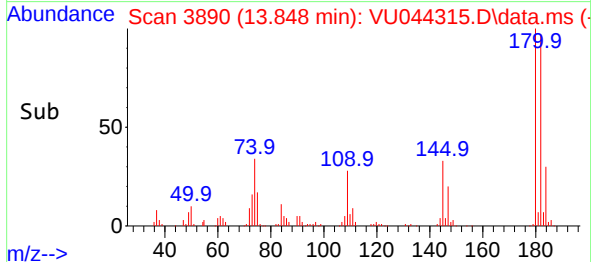
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ClientSampleId :  
VSTDICCC010



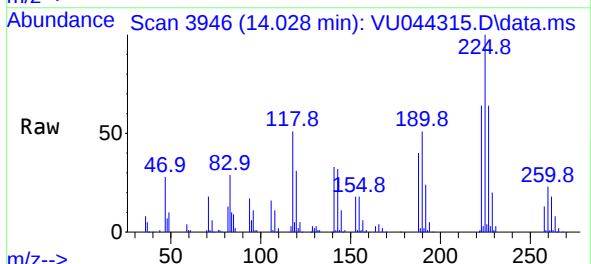
Tgt Ion:180 Resp: 149199  
Ion Ratio Lower Upper  
180 100  
182 96.3 77.0 115.6  
145 32.2 25.8 38.6

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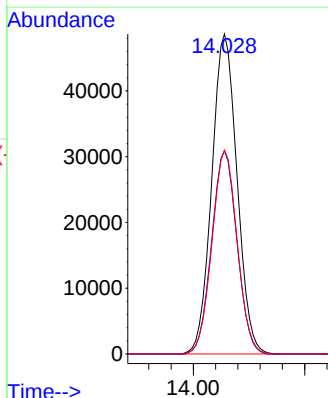
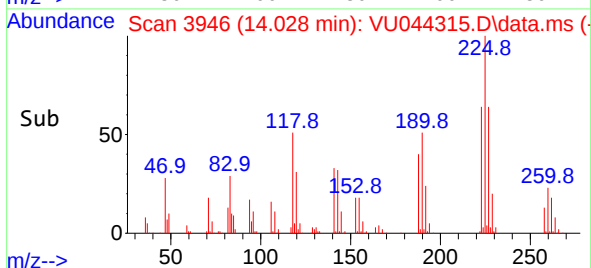
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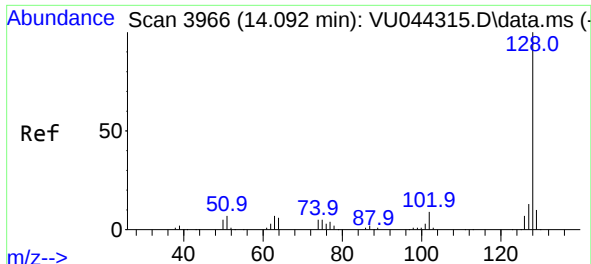


#88  
Hexachlorobutadiene  
Concen: 11.196 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



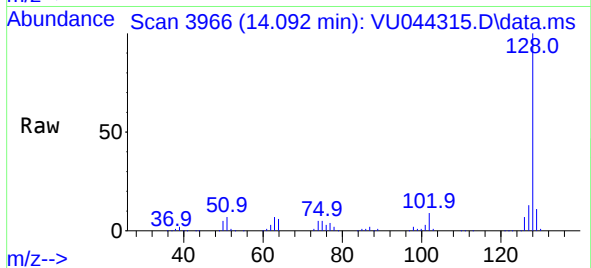
Tgt Ion:225 Resp: 76570  
Ion Ratio Lower Upper  
225 100  
223 63.6 50.9 76.3  
227 63.5 50.8 76.2





#89  
Naphthalene  
Concen: 14.746 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42

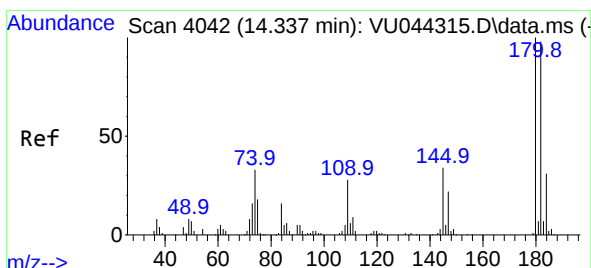
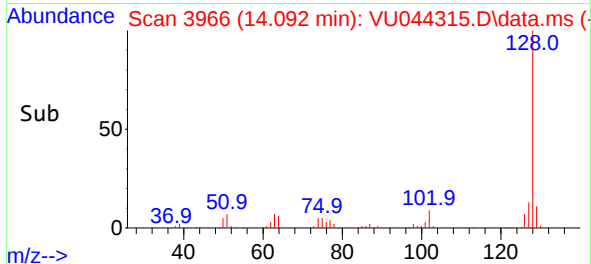
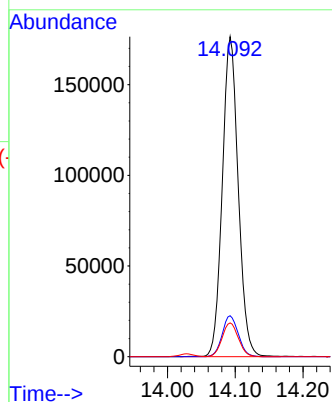
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



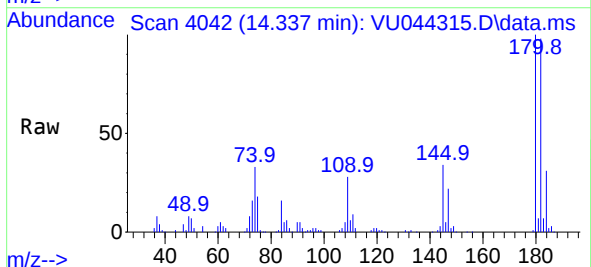
Tgt Ion:128 Resp: 287385  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 10.8 8.6 13.0

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#90  
1,2,3-Trichlorobenzene  
Concen: 13.000 ug/l  
RT: 14.337 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VU044315.D  
Acq: 07 Jul 2021 13:42



Tgt Ion:180 Resp: 134615  
Ion Ratio Lower Upper  
180 100  
182 96.4 77.1 115.7  
145 33.7 27.0 40.4

