

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060221\  
 Data File : VU044027.D  
 Acq On : 02 Jun 2021 18:04  
 Operator : SY/MD  
 Sample : VSTDIC002  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC002

Manual Integrations  
 APPROVED

SAM  
 6/3/2021 5:47:33 PM

Quant Time: Jun 03 05:55:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U060221DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jun 03 05:52:43 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Fluorobenzene             | 6.124  | 96   | 17239    | 1.000  | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 57) 4-Bromofluorobenzene     | 10.642 | 95   | 6072     | 0.825  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 82.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.201 | 152  | 6576     | 0.848  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 85.000% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.391  | 85   | 14122    | 2.065  | ug/l    | 98       |
| 3) Chloromethane             | 1.526  | 50   | 15745    | 2.380  | ug/l    | 100      |
| 4) Vinyl Chloride            | 1.610  | 62   | 14687    | 2.311  | ug/l    | 97       |
| 5) Bromomethane              | 1.867  | 94   | 8427     | 2.097  | ug/l    | 97       |
| 6) Chloroethane              | 1.941  | 64   | 9009     | 2.156  | ug/l    | 97       |
| 7) Trichlorofluoromethane    | 2.147  | 101  | 16144    | 1.598  | ug/l    | 98       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.591  | 101  | 9402     | 1.811  | ug/l    | 100      |
| 9) 1,1-Dichloroethene        | 2.591  | 96   | 8803     | 1.936  | ug/l    | 92       |
| 10) Iodomethane              | 2.732  | 142  | 11280    | 1.623  | ug/l    | 99       |
| 11) Allyl Chloride           | 2.935  | 41   | 14200    | 1.671  | ug/l    | 98       |
| 12) Acrylonitrile            | 3.330  | 53   | 3063     | 2.445  | ug/l    | 91       |
| 13) Acetone                  | 2.639  | 43   | 4909     | 5.148  | ug/l    | 94       |
| 14) Carbon Disulfide         | 2.803  | 76   | 30674    | 2.118  | ug/l    | 99       |
| 15) Methylene Chloride       | 3.057  | 84   | 11970    | 2.163  | ug/l    | 98       |
| 16) trans-1,2-Dichloroethene | 3.362  | 96   | 9947     | 2.020  | ug/l    | 96       |
| 17) 1,1-Dichloroethane       | 3.883  | 63   | 19146    | 1.909  | ug/l    | 97       |
| 18) 2-Butanone               | 4.735  | 43   | 9257     | 5.231  | ug/l    | 95       |
| 19) Cyclohexane              | 5.391  | 56   | 17860m   | 2.046  | ug/l    |          |
| 20) Methylcyclohexane        | 6.767  | 83   | 12449    | 1.651  | ug/l    | 93       |
| 21) 2,2-Dichloropropane      | 4.677  | 77   | 15163    | 1.685  | ug/l    | 99       |
| 22) cis-1,2-Dichloroethene   | 4.681  | 96   | 10817    | 1.953  | ug/l    | 97       |
| 23) Diethyl Ether            | 2.388  | 59   | 7201     | 1.882  | ug/l    | 96       |
| 24) tert-Butyl Alcohol       | 3.208  | 59   | 8182m    | 31.499 | ug/l    |          |
| 25) Methyl tert-Butyl Ether  | 3.382  | 73   | 22535    | 1.700  | ug/l    | 94       |
| 26) Bromochloromethane       | 4.986  | 128  | 4316     | 1.673  | ug/l    | 96       |
| 27) Chloroform               | 5.102  | 83   | 18791    | 1.814  | ug/l    | 99       |
| 28) 1,1,1-Trichloroethane    | 5.324  | 97   | 15576    | 1.679  | ug/l    | 98       |
| 29) 1,1-Dichloropropene      | 5.533  | 75   | 14083    | 2.058  | ug/l    | 99       |
| 30) Carbon Tetrachloride     | 5.529  | 117  | 13484    | 1.846  | ug/l    | 99       |
| 31) Isopropyl Ether          | 4.015  | 45   | 30215    | 1.712  | ug/l    | 99       |
| 32) Ethyl-t-butyl ether      | 4.526  | 59   | 26460    | 1.680  | ug/l    | 99       |
| 33) Tert-Amyl methyl ether   | 5.960  | 73   | 19096    | 1.651  | ug/l    | 99       |
| 34) Propionitrile            | 4.806  | 54   | 2744     | 6.961  | ug/l    | # 90     |
| 35) Benzene                  | 5.784  | 78   | 42170    | 2.180  | ug/l    | 99       |
| 36) 1,2-Dichloroethane       | 5.809  | 62   | 12403    | 1.732  | ug/l    | 98       |
| 37) Trichloroethene          | 6.552  | 130  | 9716     | 1.928  | ug/l    | 99       |
| 38) 1,2-Dichloropropane      | 6.803  | 63   | 11118    | 2.026  | ug/l    | 99       |
| 39) Methacrylonitrile        | 4.999  | 41   | 3181     | 1.279  | ug/l    | 94       |
| 40) Methyl acrylate          | 4.867  | 55   | 4704     | 1.415  | ug/l    | 99       |
| 41) Tetrahydrofuran          | 5.086  | 42   | 3078     | 2.449  | ug/l    | 97       |
| 42) 1-Chlorobutane           | 5.468  | 56   | 20364    | 2.021  | ug/l    | 98       |
| 43) Dibromomethane           | 6.928  | 93   | 5614     | 1.926  | ug/l    | 99       |
| 44) Bromodichloromethane     | 7.118  | 83   | 13818    | 1.993  | ug/l    | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060221\  
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 Acq On : 02 Jun 2021 18:04  
 Operator : SY/MD  
 Sample : VSTDIC002  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC002

Manual Integrations  
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SAM  
 6/3/2021 5:47:33 PM

Quant Time: Jun 03 05:55:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U060221DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jun 03 05:52:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.812  | 43   | 27924    | 6.634 | ug/l   | 96       |
| 46) t-1,4-Dichloro-2-butene   | 10.841 | 75   | 5157m    | 3.743 | ug/l   |          |
| 47) Methyl methacrylate       | 6.980  | 69   | 8663     | 3.359 | ug/l   | 95       |
| 48) Ethyl methacrylate        | 8.349  | 69   | 7846     | 1.554 | ug/l   | 99       |
| 49) Toluene                   | 7.976  | 92   | 22526    | 1.910 | ug/l   | 99       |
| 50) t-1,3-Dichloropropene     | 8.221  | 75   | 11389    | 1.847 | ug/l   | 99       |
| 51) cis-1,3-Dichloropropene   | 7.619  | 75   | 12821    | 1.845 | ug/l   | 96       |
| 52) 1,1,2-Trichloroethane     | 8.410  | 97   | 8120     | 1.985 | ug/l   | 99       |
| 53) 1,3-Dichloropropane       | 8.587  | 76   | 13756    | 1.948 | ug/l   | 100      |
| 54) 2-Hexanone                | 8.703  | 43   | 19151    | 6.415 | ug/l   | 96       |
| 55) Dibromochloromethane      | 8.819  | 129  | 8604     | 1.809 | ug/l   | 98       |
| 56) 1,2-Dibromoethane         | 8.934  | 107  | 6999     | 1.756 | ug/l   | 100      |
| 58) Tetrachloroethene         | 8.562  | 164  | 8917     | 1.654 | ug/l   | 98       |
| 59) Chlorobenzene             | 9.455  | 112  | 23823    | 1.820 | ug/l   | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 9298     | 1.839 | ug/l   | 98       |
| 61) Pentachloroethane         | 11.433 | 117  | 7767     | 1.992 | ug/l   | 94       |
| 62) Hexachloroethane          | 12.481 | 117  | 7493     | 1.875 | ug/l   | 98       |
| 63) Ethyl Benzene             | 9.578  | 91   | 36706    | 1.644 | ug/l   | 98       |
| 64) m/p-Xylenes               | 9.703  | 106  | 28837    | 3.329 | ug/l   | 97       |
| 65) o-Xylene                  | 10.108 | 106  | 13899    | 1.670 | ug/l   | 97       |
| 66) Styrene                   | 10.121 | 104  | 24087    | 1.688 | ug/l   | 99       |
| 67) Bromoform                 | 10.298 | 173  | 4629     | 1.545 | ug/l   | 98       |
| 69) Isopropylbenzene          | 10.491 | 105  | 36286    | 1.614 | ug/l   | 98       |
| 70) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 10360    | 1.943 | ug/l   | 99       |
| 71) 1,2,3-Trichloropropane    | 10.835 | 75   | 6970m    | 1.661 | ug/l   |          |
| 72) Bromobenzene              | 10.790 | 156  | 9918     | 1.608 | ug/l   | 98       |
| 73) n-propylbenzene           | 10.915 | 120  | 9979     | 1.582 | ug/l   | 91       |
| 74) 2-Chlorotoluene           | 10.992 | 126  | 9784     | 1.717 | ug/l   | 98       |
| 75) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 33258    | 1.659 | ug/l   | 100      |
| 76) 4-Chlorotoluene           | 11.105 | 126  | 10616    | 1.762 | ug/l   | 98       |
| 77) tert-Butylbenzene         | 11.426 | 119  | 31714    | 1.606 | ug/l   | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 34186    | 1.650 | ug/l   | 100      |
| 79) sec-Butylbenzene          | 11.651 | 105  | 45627    | 1.699 | ug/l   | 100      |
| 80) Nitrobenzene              | 13.217 | 77   | 1382     | 9.632 | ug/l # | 78       |
| 81) p-Isopropyltoluene        | 11.803 | 119  | 35746    | 1.589 | ug/l   | 99       |
| 82) 1,3-Dichlorobenzene       | 11.751 | 146  | 21886    | 1.766 | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene       | 11.844 | 146  | 21618    | 1.737 | ug/l   | 97       |
| 84) n-Butylbenzene            | 12.217 | 91   | 34102    | 1.578 | ug/l   | 98       |
| 85) 1,2-Dichlorobenzene       | 12.221 | 146  | 20363    | 1.682 | ug/l   | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 13.005 | 75   | 1594     | 1.667 | ug/l   | 95       |
| 87) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 10687    | 1.346 | ug/l   | 99       |
| 88) Hexachlorobutadiene       | 14.028 | 225  | 7452     | 1.400 | ug/l   | 99       |
| 89) Naphthalene               | 14.095 | 128  | 16319    | 1.252 | ug/l   | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 10446    | 1.377 | ug/l   | 98       |

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

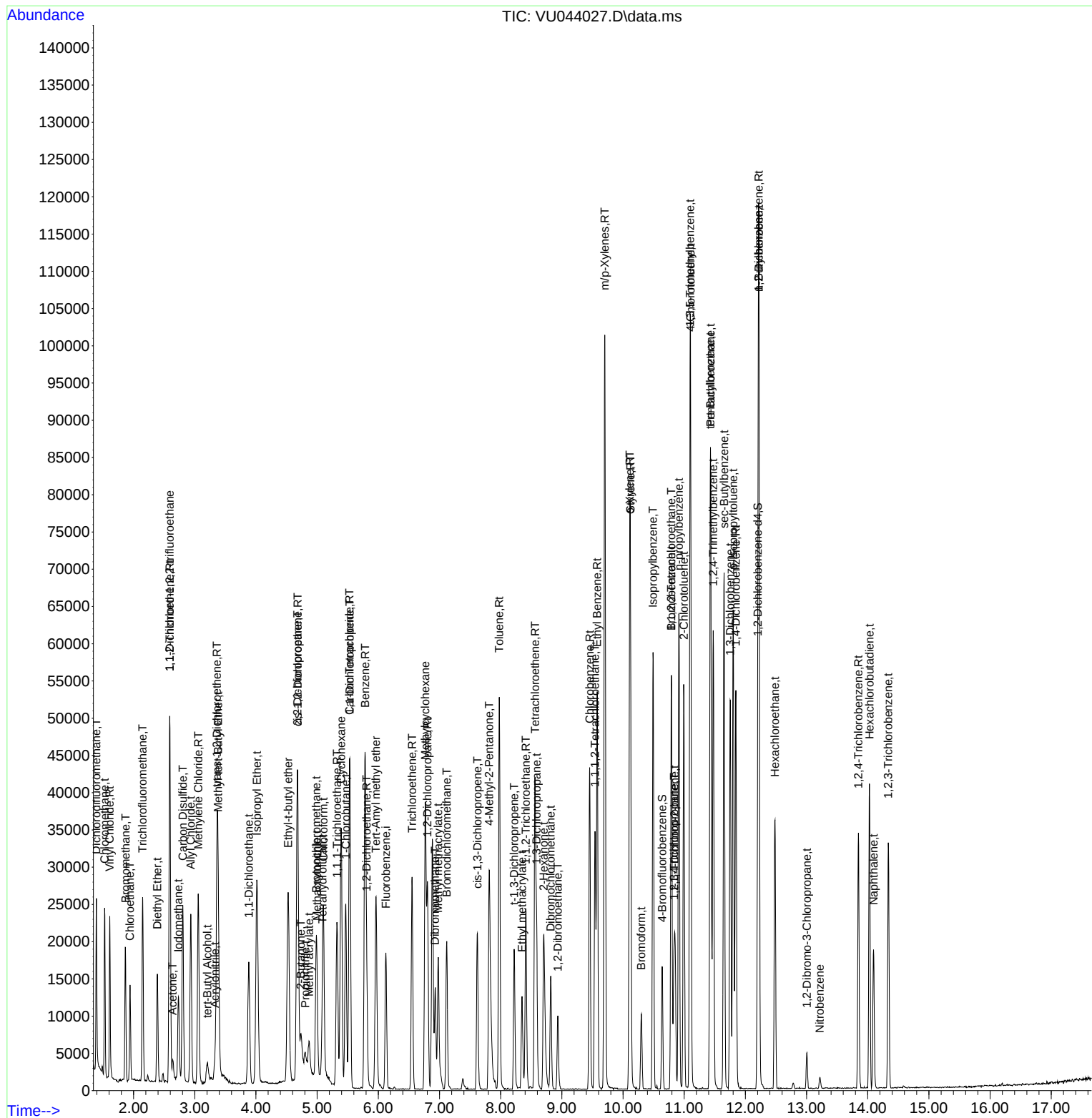
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060221\  
 Data File : VU044027.D  
 Acq On : 02 Jun 2021 18:04  
 Operator : SY/MD  
 Sample : VSTDIC002  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

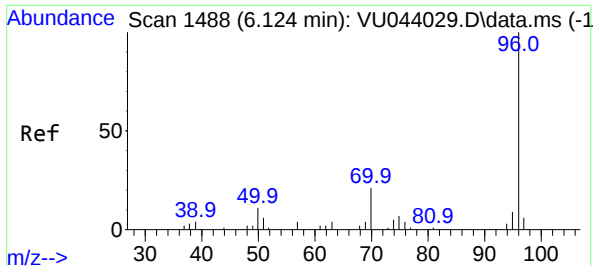
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC002

Manual Integrations  
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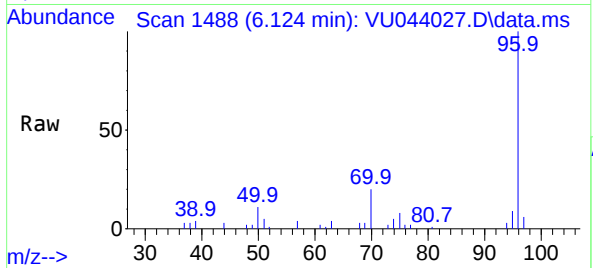
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Quant Time: Jun 03 05:55:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U060221DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jun 03 05:52:43 2021  
 Response via : Initial Calibration

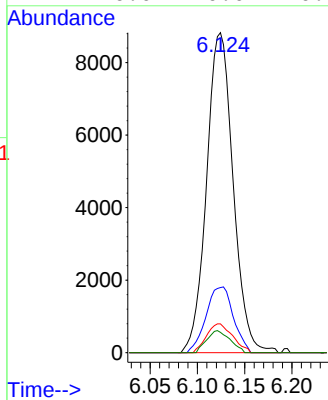
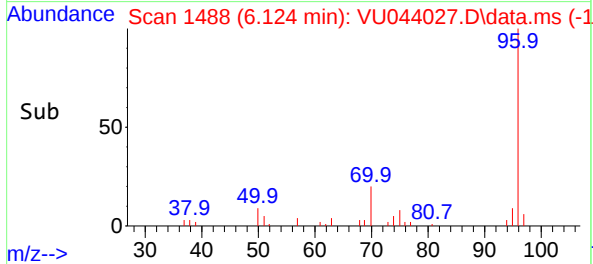




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.124 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



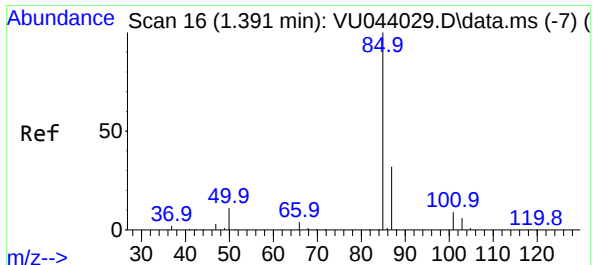
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 17239 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 21.1  | 16.6  | 25.0  |
| 95       | 8.8   | 7.0   | 10.4  |
| 97       | 6.0   | 0.0   | 0.0#  |



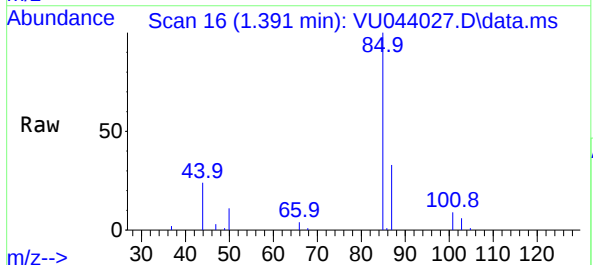
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

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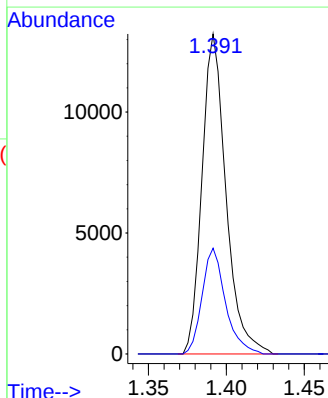
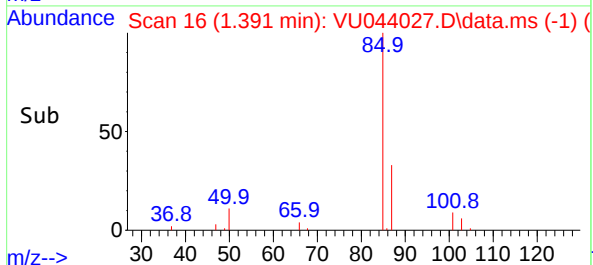
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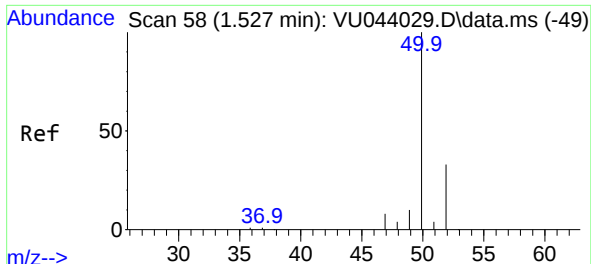


#2  
Dichlorodifluoromethane  
Concen: 2.065 ug/l  
RT: 1.391 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 14122 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 33.0  | 16.0  | 48.0  |





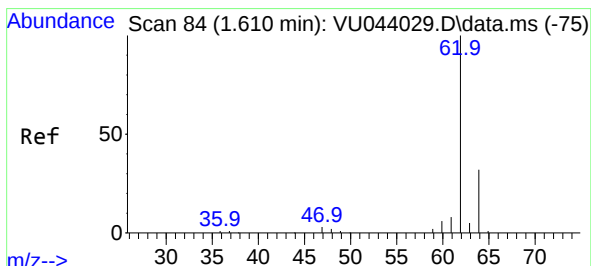
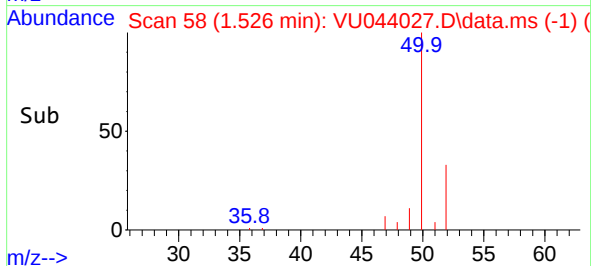
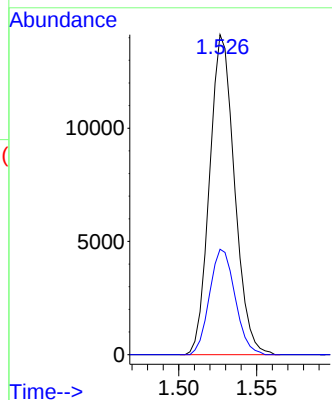
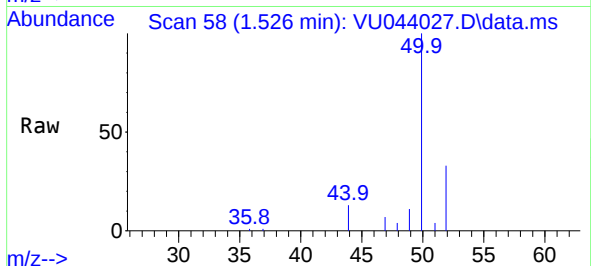
#3  
Chloromethane  
Concen: 2.380 ug/l  
RT: 1.526 min Scan# 58  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 50 Resp: 15745  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.4 39.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

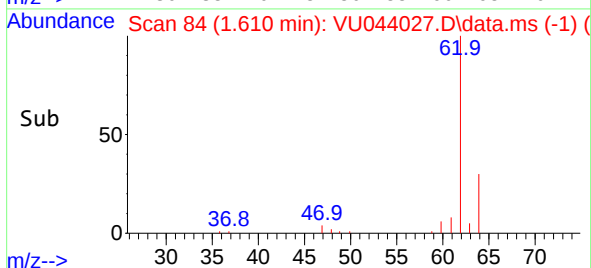
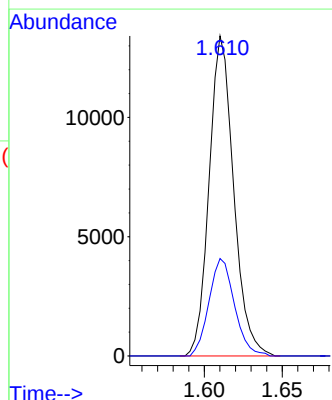
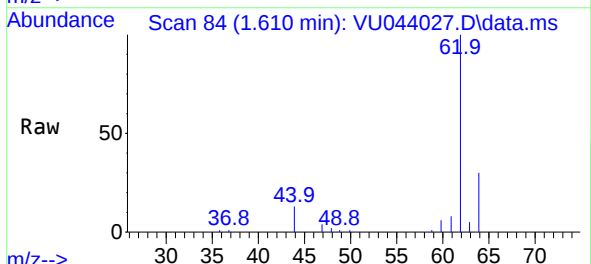
Manual Integrations  
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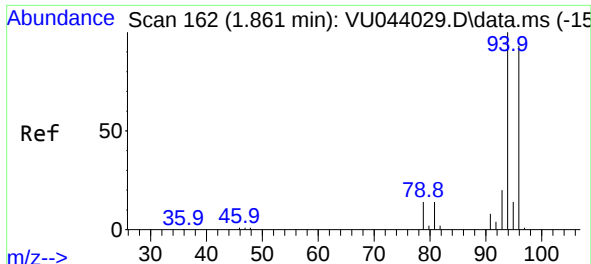
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#4  
Vinyl Chloride  
Concen: 2.311 ug/l  
RT: 1.610 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 62 Resp: 14687  
Ion Ratio Lower Upper  
62 100  
64 30.5 25.6 38.4





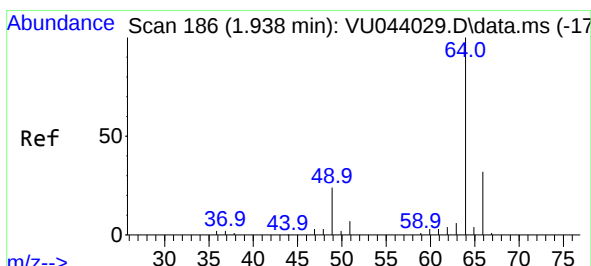
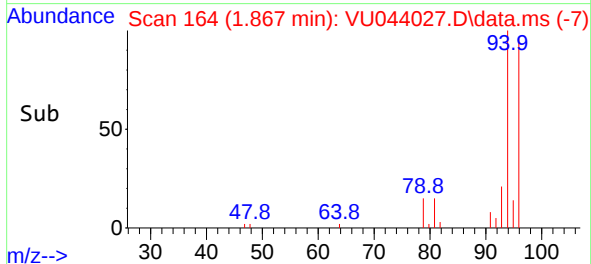
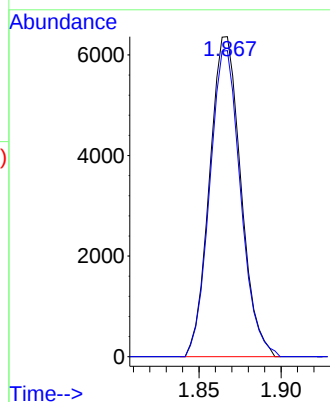
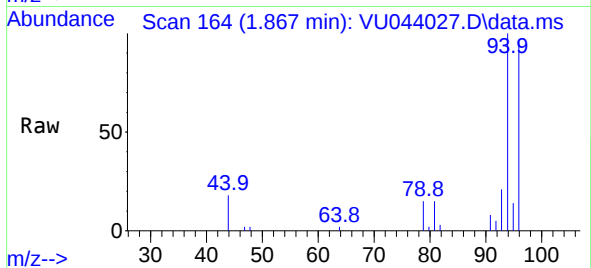
#5  
Bromomethane  
Concen: 2.097 ug/l  
RT: 1.867 min Scan# 164  
Delta R.T. 0.006 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 94 Resp: 8427  
Ion Ratio Lower Upper  
94 100  
96 95.6 74.1 111.1

Instrument :  
MSVOA\_U  
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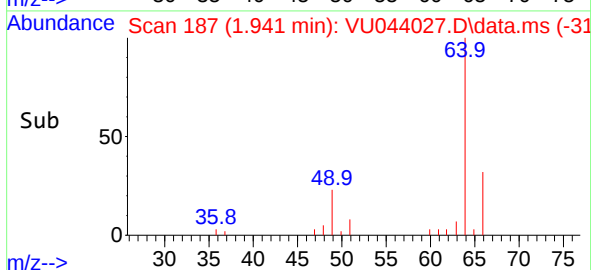
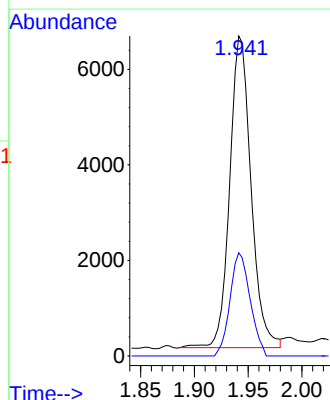
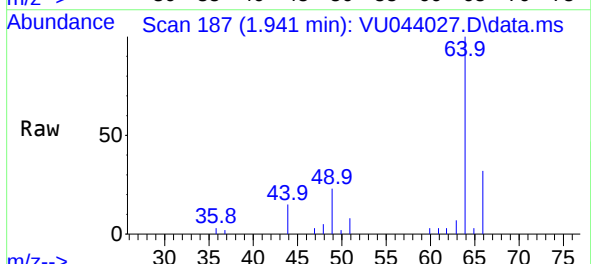
Manual Integrations  
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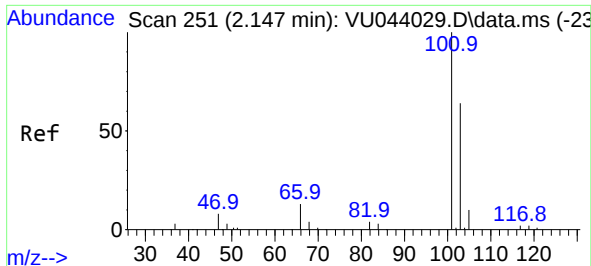
SAM  
6/3/2021 5:47:33 PM



#6  
Chloroethane  
Concen: 2.156 ug/l  
RT: 1.941 min Scan# 187  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 64 Resp: 9009  
Ion Ratio Lower Upper  
64 100  
66 33.1 25.4 38.0





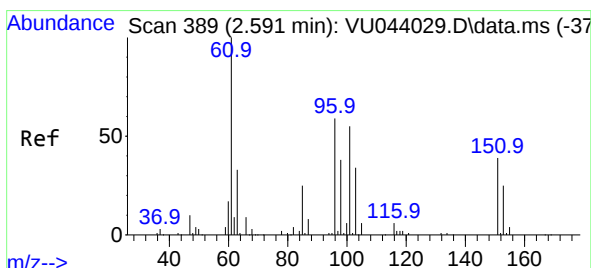
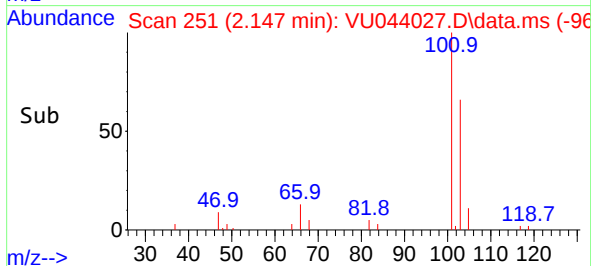
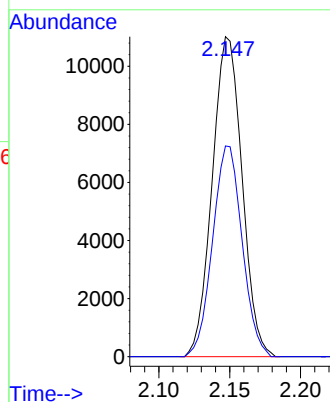
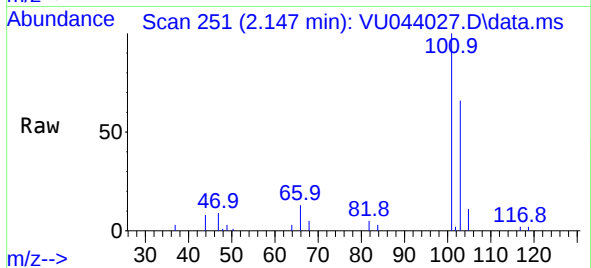
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Trichlorofluoromethane  
Concen: 1.598 ug/l  
RT: 2.147 min Scan# 251  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

Tgt Ion:101 Resp: 16144  
Ion Ratio Lower Upper  
101 100  
103 65.8 51.5 77.3

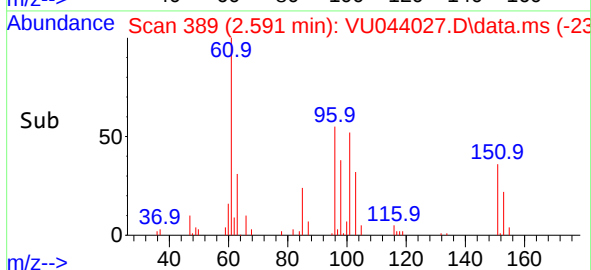
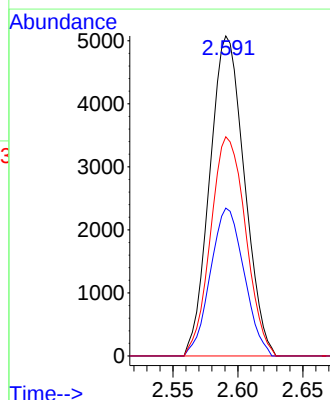
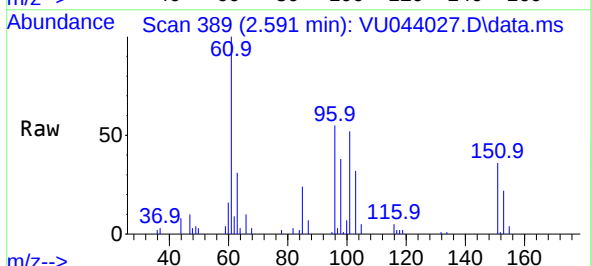
Manual Integrations  
APPROVED

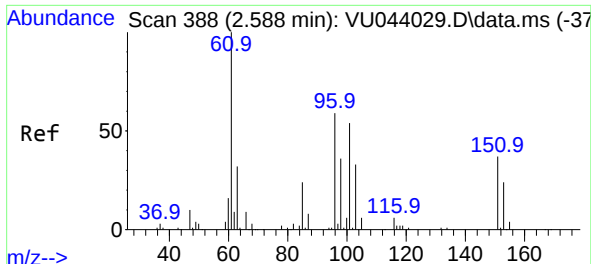
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#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 1.811 ug/l  
RT: 2.591 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion:101 Resp: 9402  
Ion Ratio Lower Upper  
101 100  
85 45.0 35.8 53.6  
151 69.3 55.8 83.6





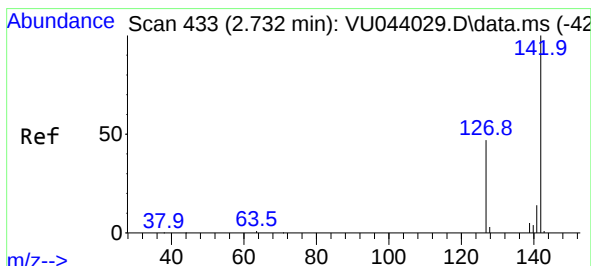
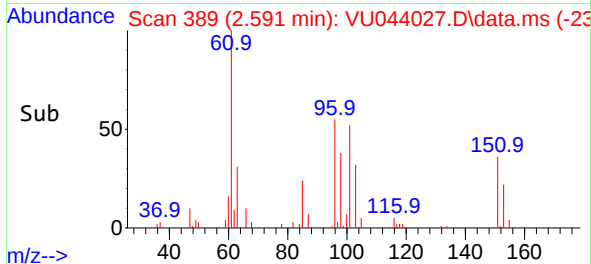
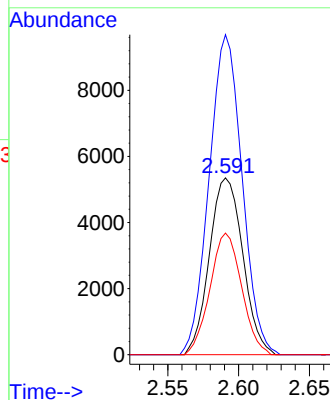
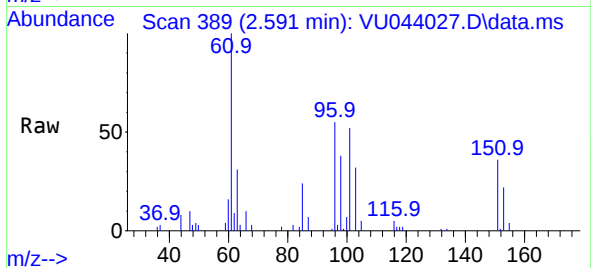
#9  
1,1-Dichloroethene  
Concen: 1.936 ug/l  
RT: 2.591 min Scan# 389  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 96 Resp: 8803  
Ion Ratio Lower Upper  
96 100  
61 181.0 0.0 510.9  
98 68.8 0.0 124.2

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC002

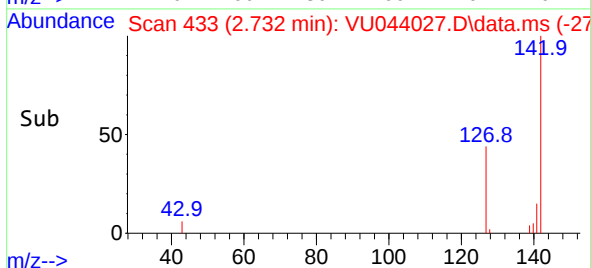
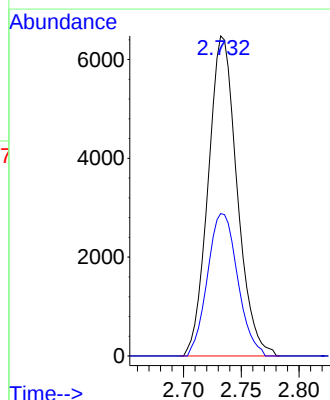
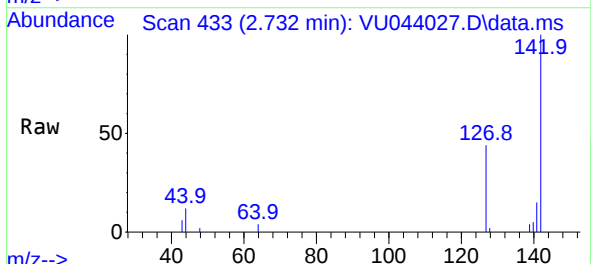
Manual Integrations  
APPROVED

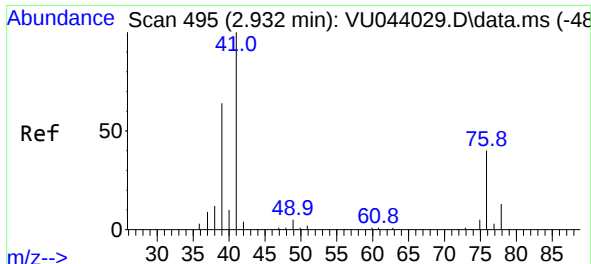
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#10  
Iodomethane  
Concen: 1.623 ug/l  
RT: 2.732 min Scan# 433  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

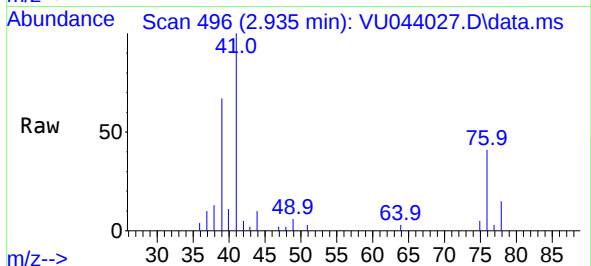
Tgt Ion: 142 Resp: 11280  
Ion Ratio Lower Upper  
142 100  
127 46.4 37.5 56.3





#11  
 Allyl Chloride  
 Concen: 1.671 ug/l  
 RT: 2.935 min Scan# 496  
 Delta R.T. 0.003 min  
 Lab File: VU044027.D  
 Acq: 02 Jun 2021 18:04

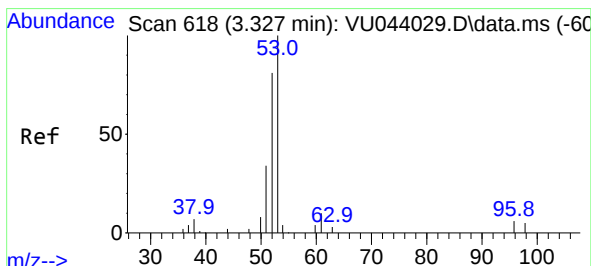
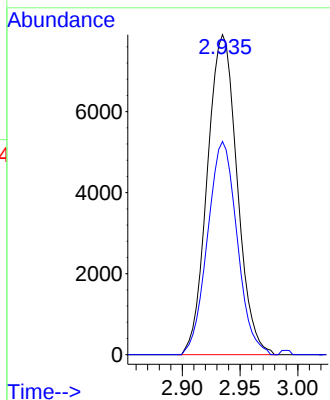
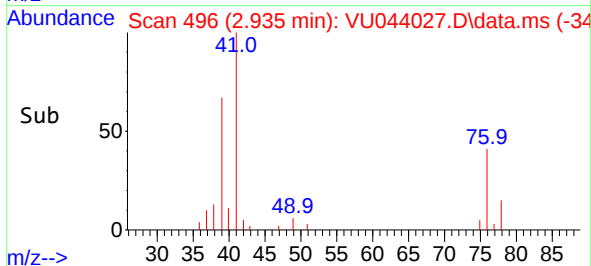
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC002



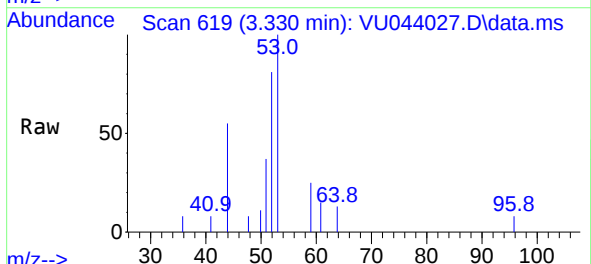
Tgt Ion: 41 Resp: 14200  
 Ion Ratio Lower Upper  
 41 100  
 39 66.0 51.4 77.2

Manual Integrations  
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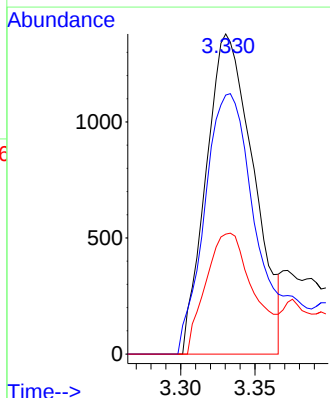
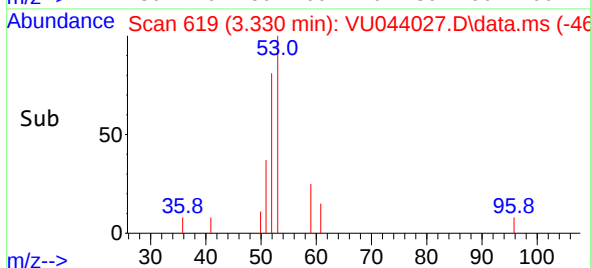
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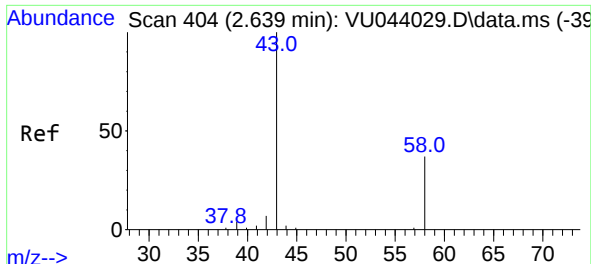


#12  
 Acrylonitrile  
 Concen: 2.445 ug/l  
 RT: 3.330 min Scan# 619  
 Delta R.T. 0.003 min  
 Lab File: VU044027.D  
 Acq: 02 Jun 2021 18:04



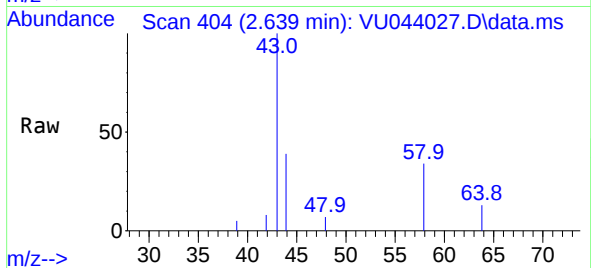
Tgt Ion: 53 Resp: 3063  
 Ion Ratio Lower Upper  
 53 100  
 52 93.9 66.7 100.1  
 51 37.4 28.2 42.4





#13  
Acetone  
Concen: 5.148 ug/l  
RT: 2.639 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

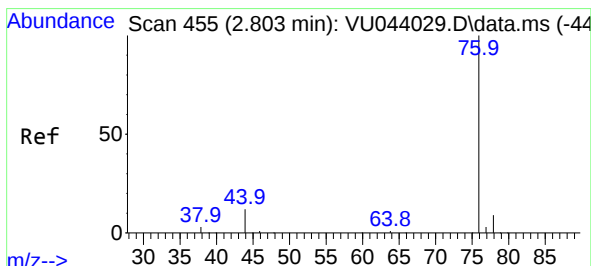
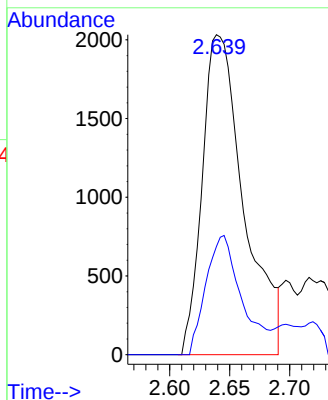
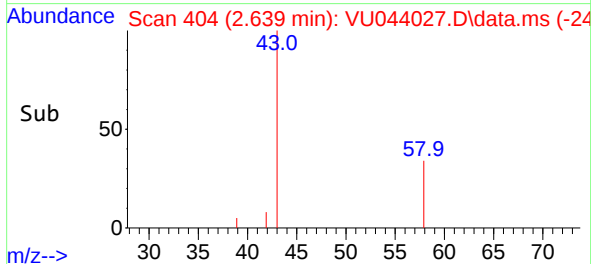
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002



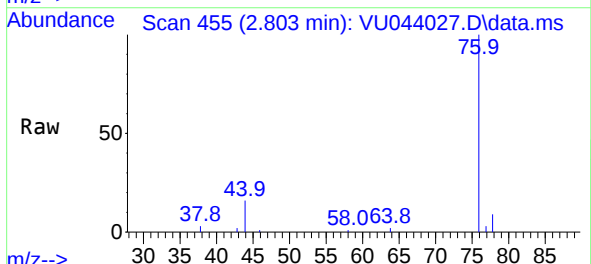
Tgt Ion: 43 Resp: 4909  
Ion Ratio Lower Upper  
43 100  
58 33.8 29.8 44.6

Manual Integrations  
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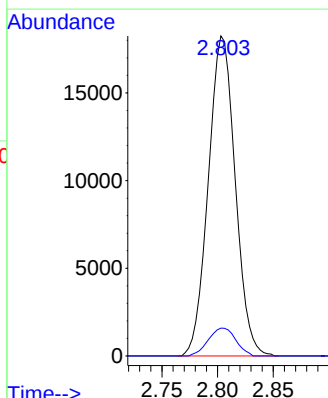
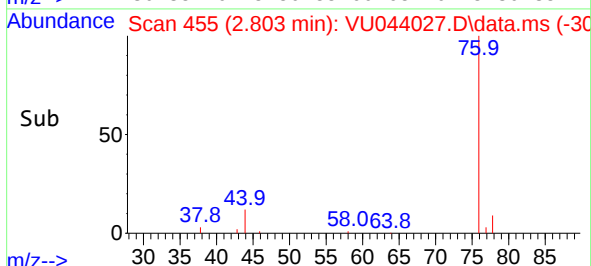
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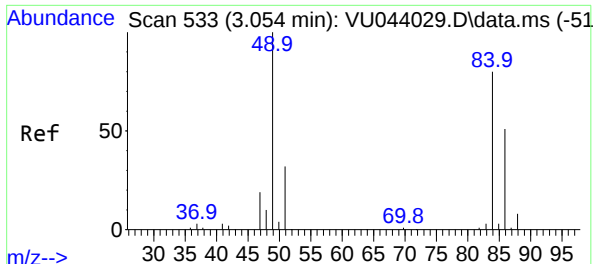


#14  
Carbon Disulfide  
Concen: 2.118 ug/l  
RT: 2.803 min Scan# 455  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



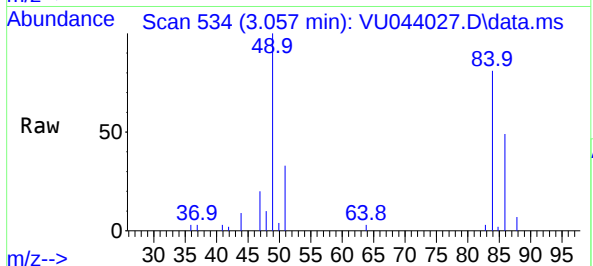
Tgt Ion: 76 Resp: 30674  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.3 10.9





#15  
Methylene Chloride  
Concen: 2.163 ug/l  
RT: 3.057 min Scan# 534  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

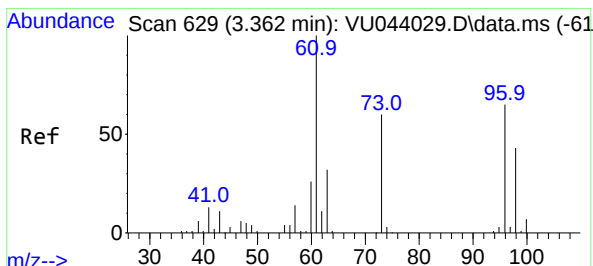
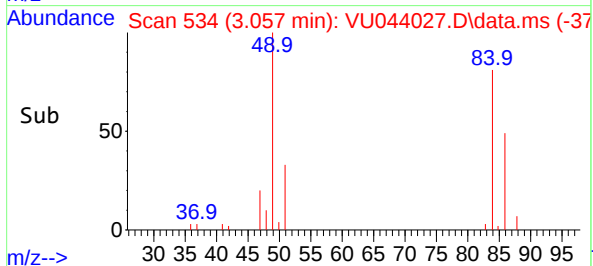
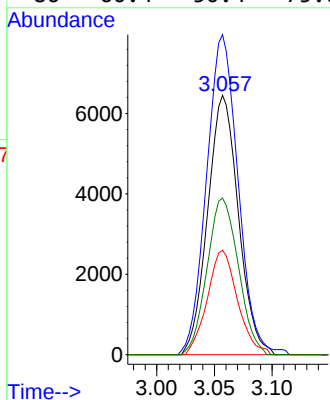


Tgt Ion: 84 Resp: 11970

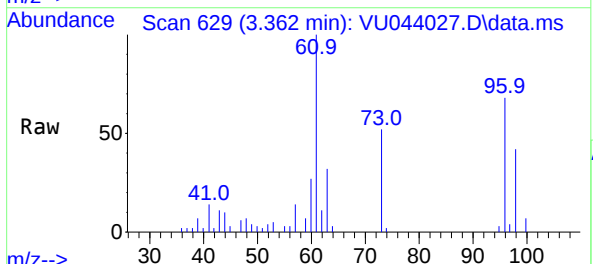
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 123.4 | 99.5  | 149.3 |
| 51  | 40.3  | 0.0   | 80.0  |
| 86  | 60.4  | 50.4  | 75.6  |

Manual Integrations  
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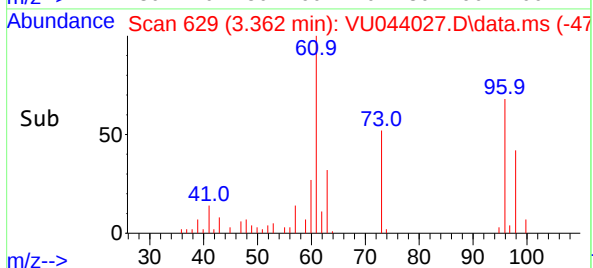
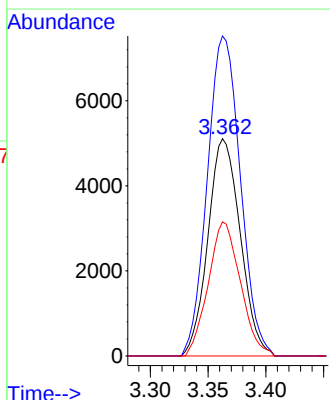


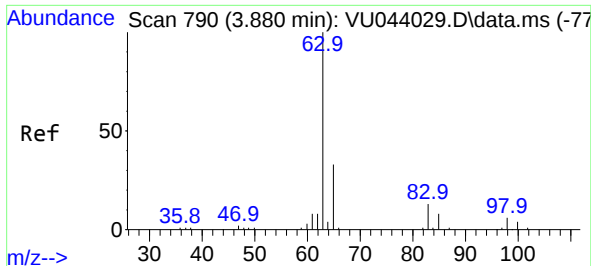
#16  
trans-1,2-Dichloroethene  
Concen: 2.020 ug/l  
RT: 3.362 min Scan# 629  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion: 96 Resp: 9947

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 147.3 | 122.2 | 183.4 |
| 98  | 61.7  | 52.0  | 78.0  |





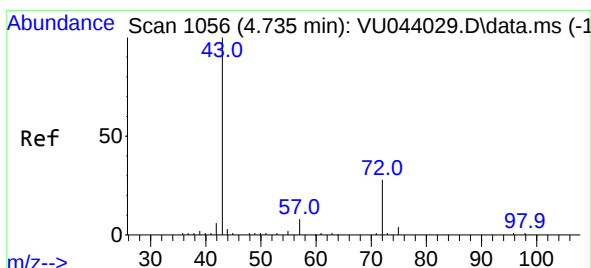
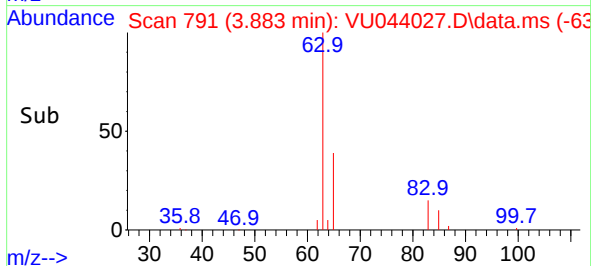
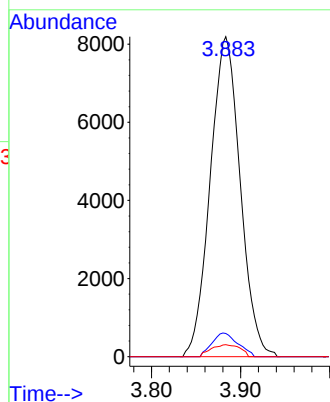
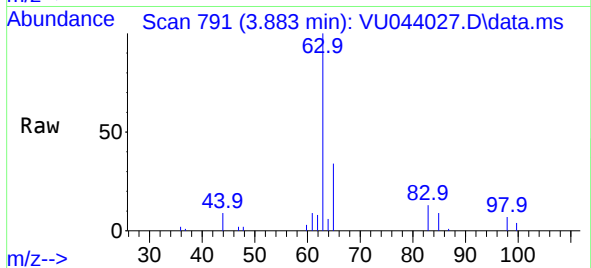
#17  
1,1-Dichloroethane  
Concen: 1.909 ug/l  
RT: 3.883 min Scan# 791  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 19146 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 7.3   | 3.1   | 9.3   |
| 100       | 3.8   | 2.1   | 6.5   |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

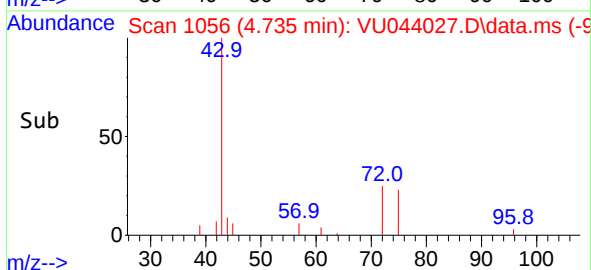
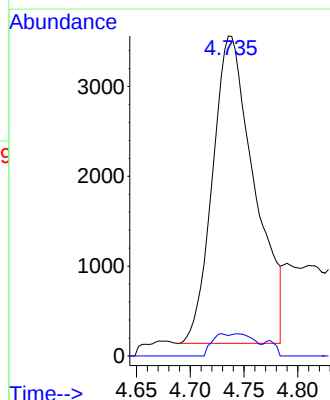
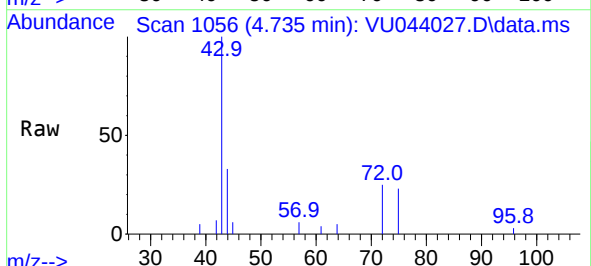
Manual Integrations  
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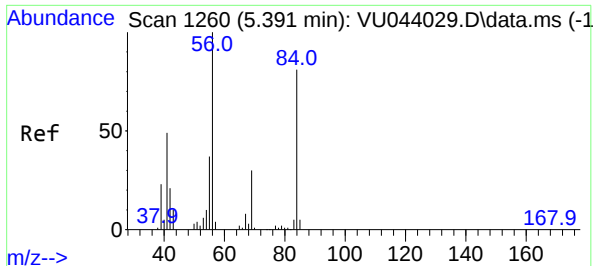
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#18  
2-Butanone  
Concen: 5.231 ug/l  
RT: 4.735 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

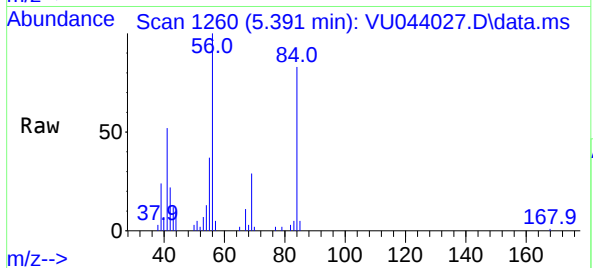
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 43    | Resp: | 9257 |
| Ion Ratio | Lower | Upper |      |
| 43        | 100   |       |      |
| 57        | 6.7   | 0.0   | 16.8 |





#19  
Cyclohexane  
Concen: 2.046 ug/l m  
RT: 5.391 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

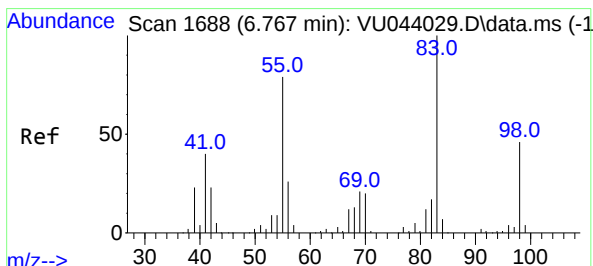
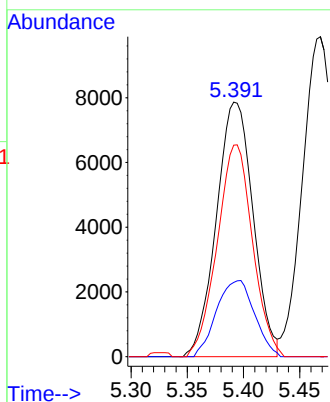
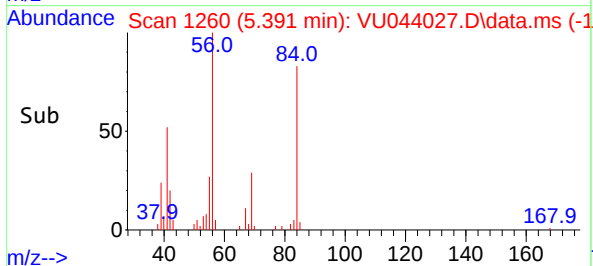
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002



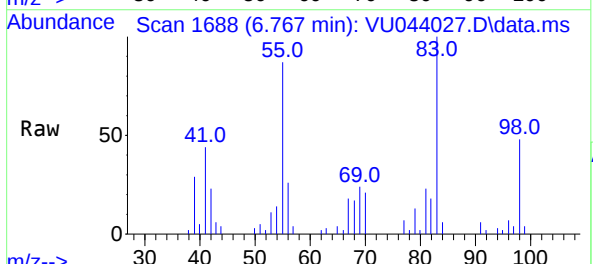
Tgt Ion: 56 Resp: 17860  
Ion Ratio Lower Upper  
56 100  
69 30.9 23.8 35.8  
84 80.1 64.5 96.7

Manual Integrations  
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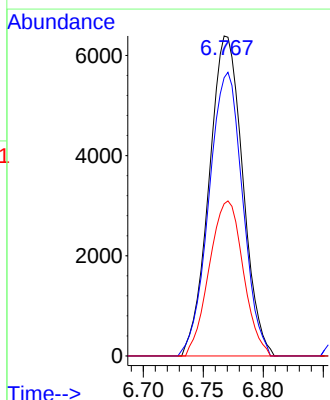
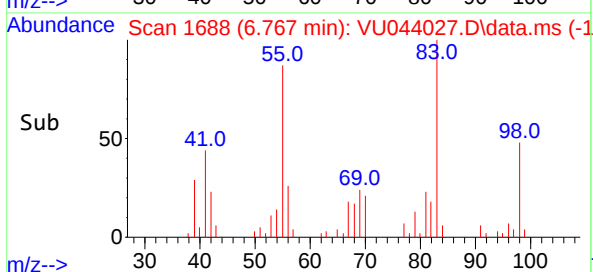
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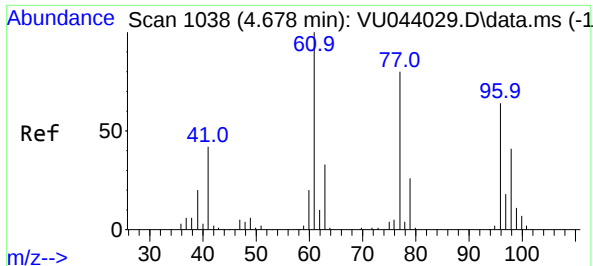


#20  
Methylcyclohexane  
Concen: 1.651 ug/l  
RT: 6.767 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion: 83 Resp: 12449  
Ion Ratio Lower Upper  
83 100  
55 88.9 64.3 96.5  
98 48.9 37.3 55.9





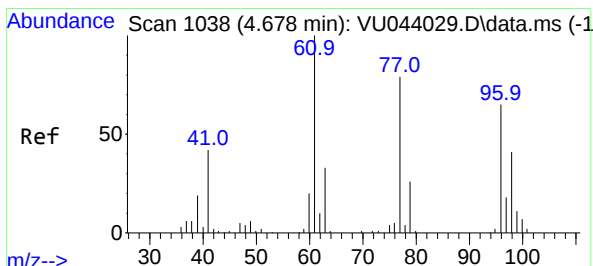
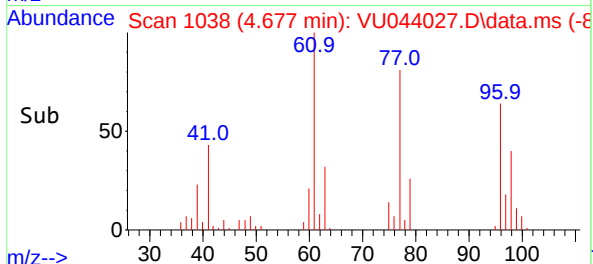
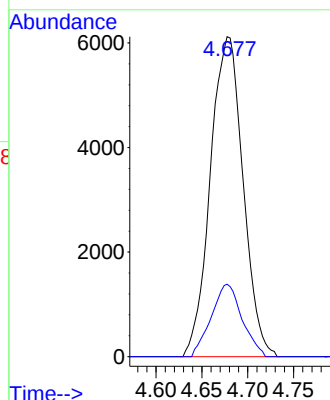
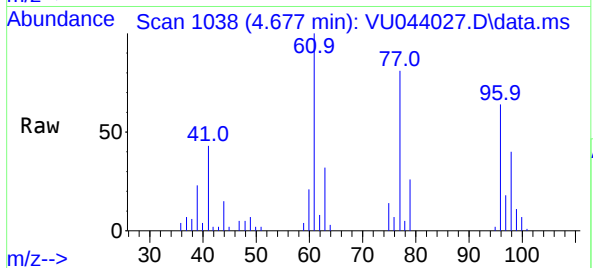
#21  
2,2-Dichloropropane  
Concen: 1.685 ug/l  
RT: 4.677 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 77 Resp: 15163  
Ion Ratio Lower Upper  
77 100  
97 21.3 17.4 26.0

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC002

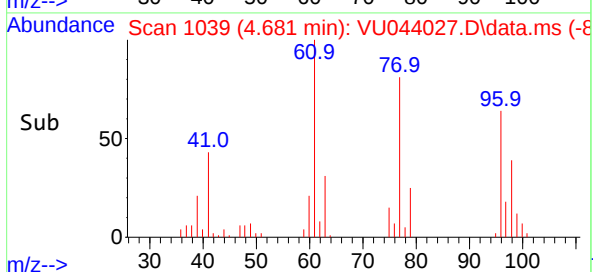
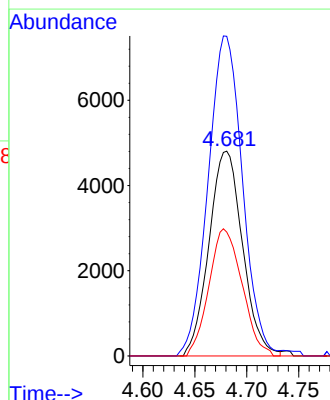
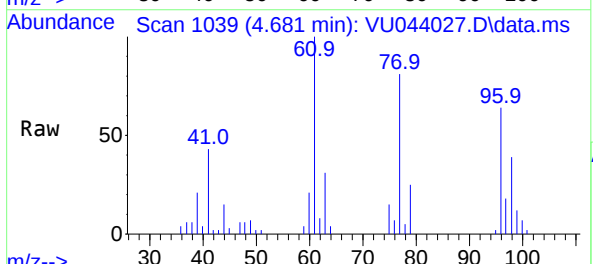
Manual Integrations  
APPROVED

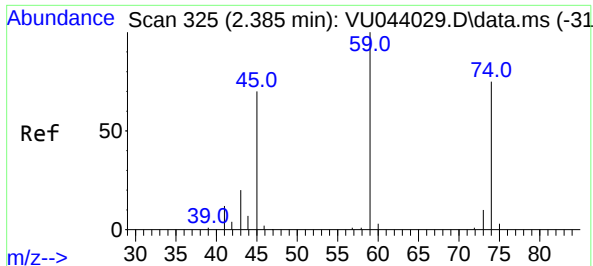
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#22  
cis-1,2-Dichloroethene  
Concen: 1.953 ug/l  
RT: 4.681 min Scan# 1039  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 96 Resp: 10817  
Ion Ratio Lower Upper  
96 100  
61 161.0 0.0 392.8  
98 61.1 31.9 95.7





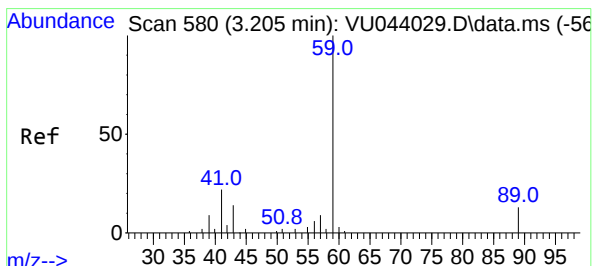
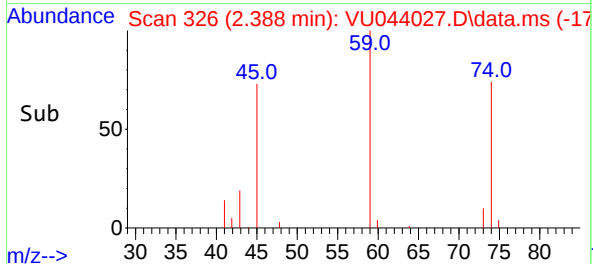
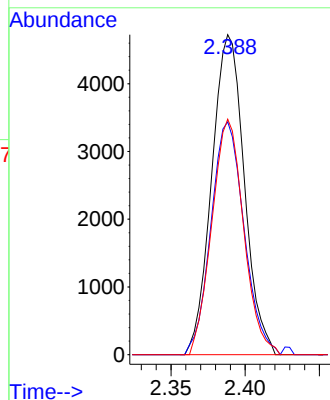
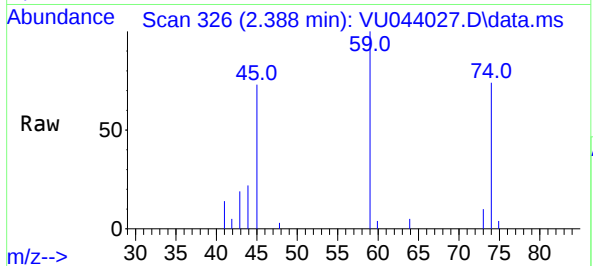
#23  
Diethyl Ether  
Concen: 1.882 ug/l  
RT: 2.388 min Scan# 326  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 59    | Resp: | 7201  |
| Ion      | Ratio | Lower | Upper |
| 59       | 100   |       |       |
| 45       | 74.0  | 55.8  | 83.6  |
| 74       | 71.9  | 59.4  | 89.0  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

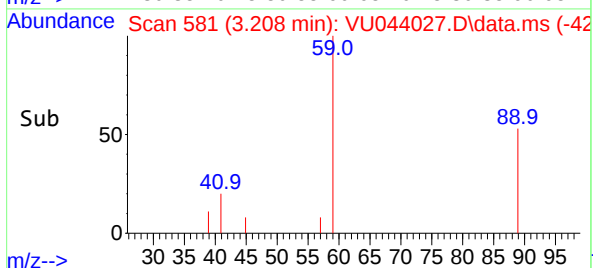
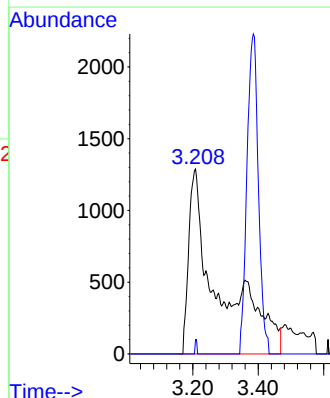
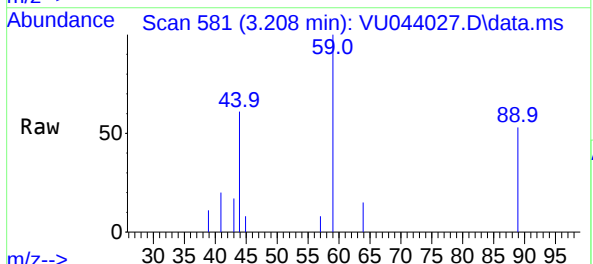
Manual Integrations  
APPROVED

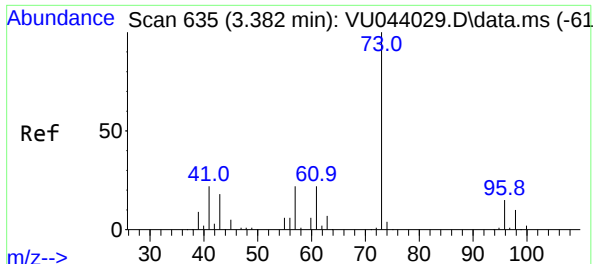
SAM  
6/3/2021 5:47:33 PM



#24  
tert-Butyl Alcohol  
Concen: 31.499 ug/l m  
RT: 3.208 min Scan# 581  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 59    | Resp: | 8182  |
| Ion      | Ratio | Lower | Upper |
| 59       | 100   |       |       |
| 57       | 0.0   | 7.1   | 10.7# |





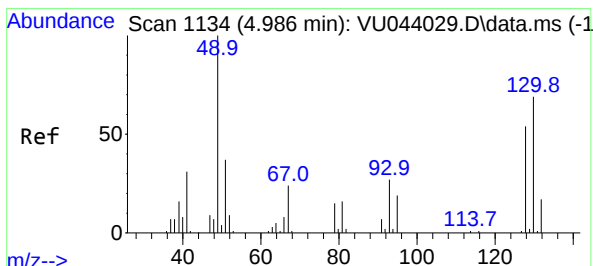
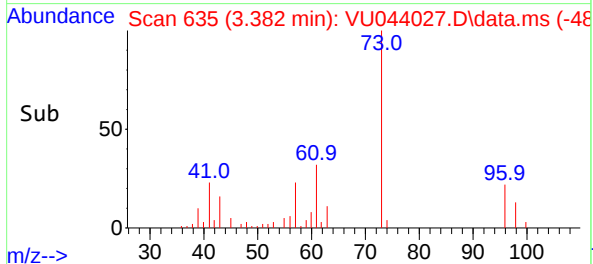
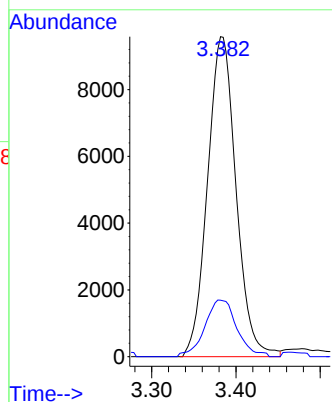
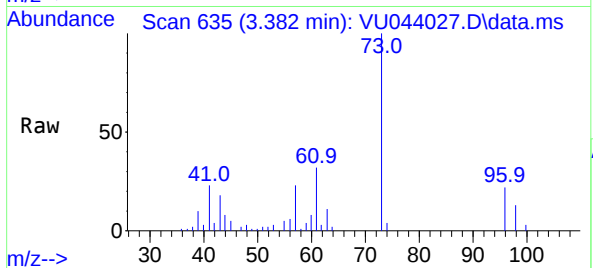
#25  
Methyl tert-Butyl Ether  
Concen: 1.700 ug/l  
RT: 3.382 min Scan# 635  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 73 Resp: 22535  
Ion Ratio Lower Upper  
73 100  
43 19.9 13.7 20.5

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

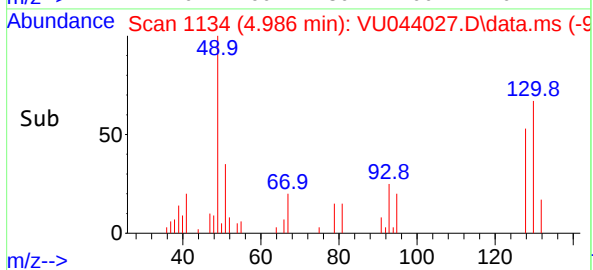
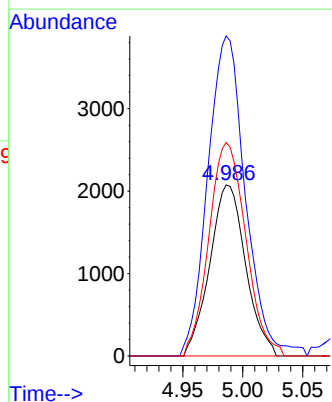
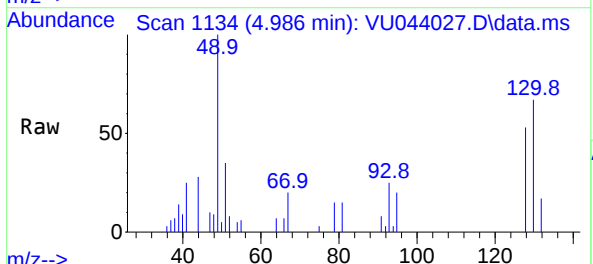
Manual Integrations  
APPROVED

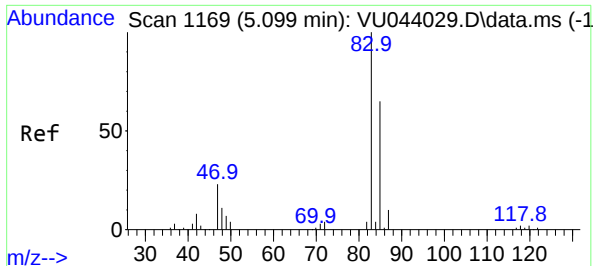
SAM  
6/3/2021 5:47:33 PM



#26  
Bromochloromethane  
Concen: 1.673 ug/l  
RT: 4.986 min Scan# 1134  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 128 Resp: 4316  
Ion Ratio Lower Upper  
128 100  
49 196.1 0.0 375.2  
130 128.7 103.2 154.8





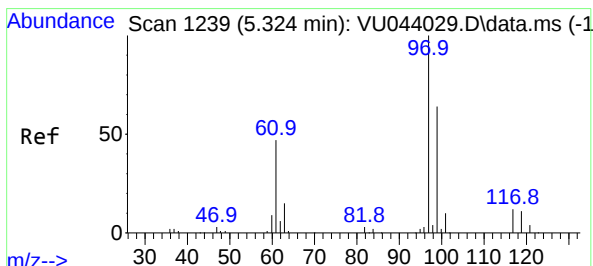
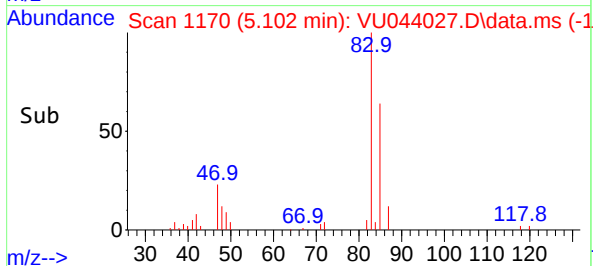
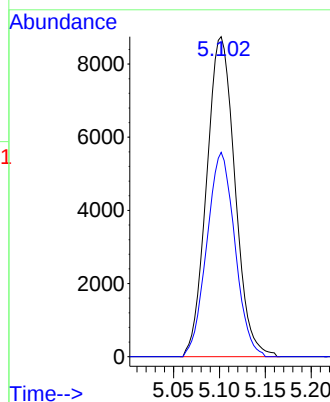
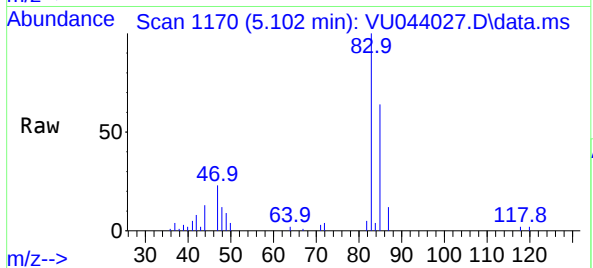
#27  
Chloroform  
Concen: 1.814 ug/l  
RT: 5.102 min Scan# 1170  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 83 Resp: 18791  
Ion Ratio Lower Upper  
83 100  
85 63.9 0.0 129.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

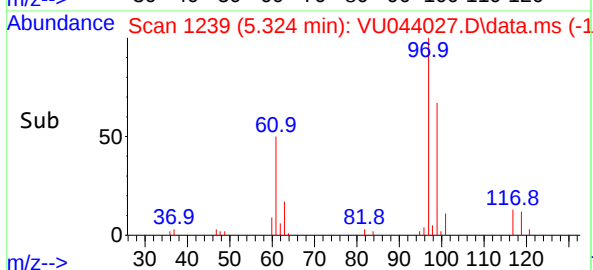
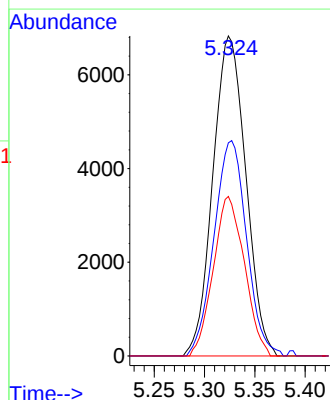
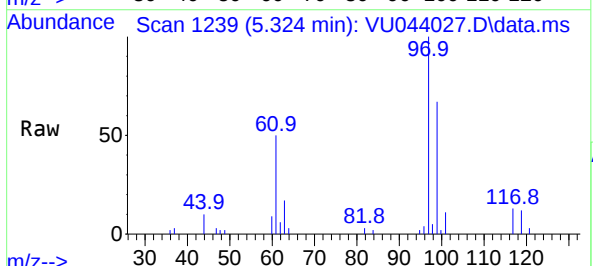
Manual Integrations  
APPROVED

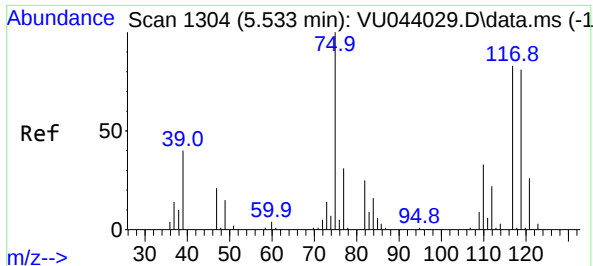
SAM  
6/3/2021 5:47:33 PM



#28  
1,1,1-Trichloroethane  
Concen: 1.679 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 97 Resp: 15576  
Ion Ratio Lower Upper  
97 100  
99 66.6 32.0 96.0  
61 47.0 23.2 69.5





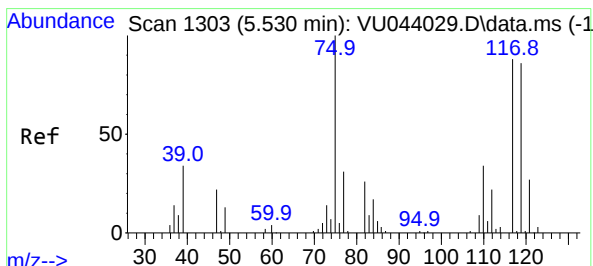
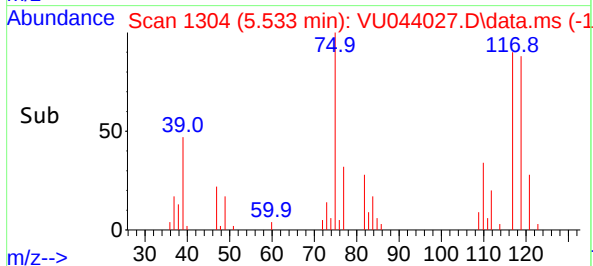
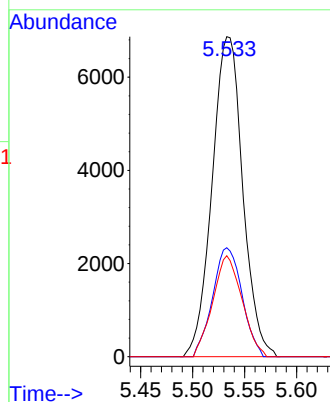
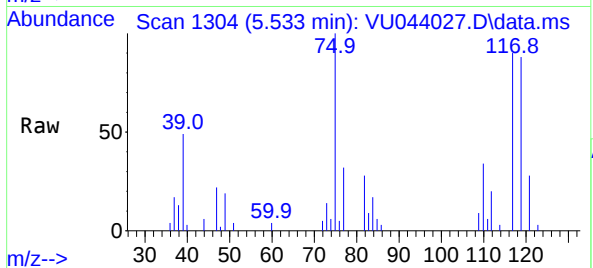
#29  
1,1-Dichloropropene  
Concen: 2.058 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 14083 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 32.6  | 16.4  | 49.4  |
| 77       | 30.1  | 24.7  | 37.1  |

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC002

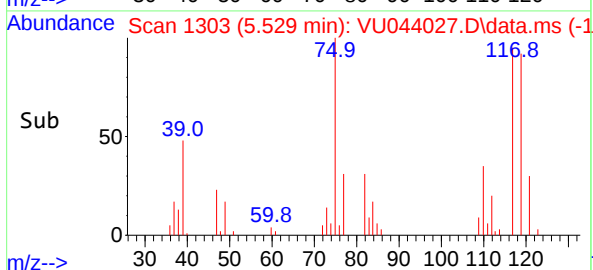
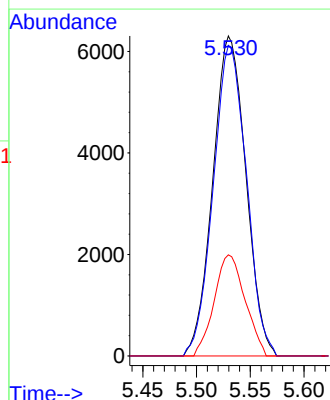
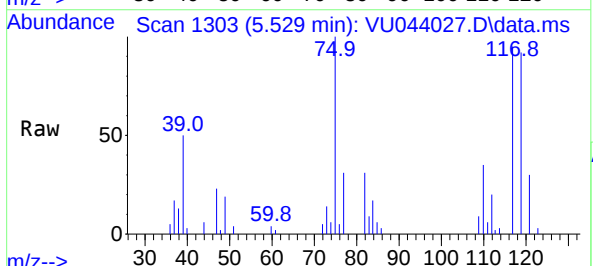
Manual Integrations  
APPROVED

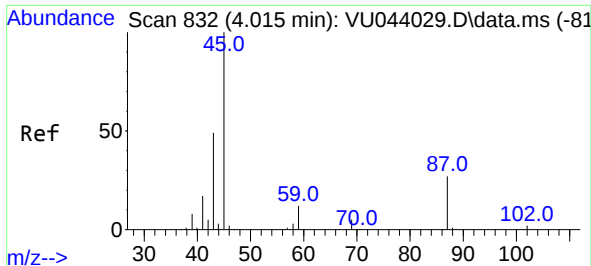
SAM  
6/3/2021 5:47:33 PM



#30  
Carbon Tetrachloride  
Concen: 1.846 ug/l  
RT: 5.529 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 13484 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.0  | 77.6  | 116.4 |
| 121      | 31.6  | 24.3  | 36.5  |





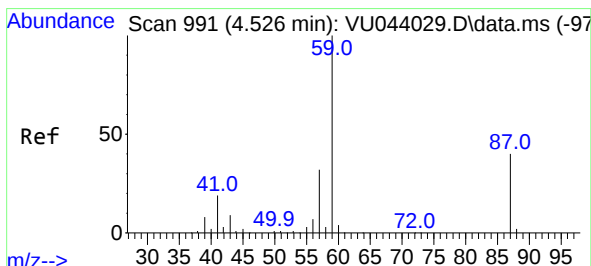
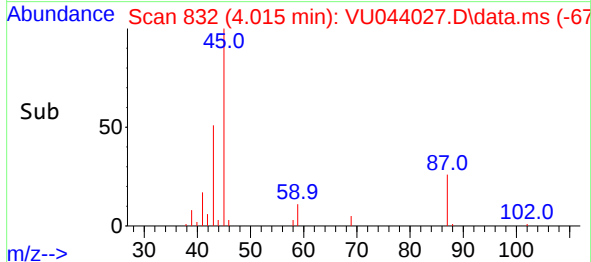
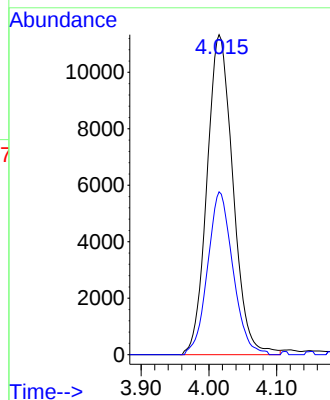
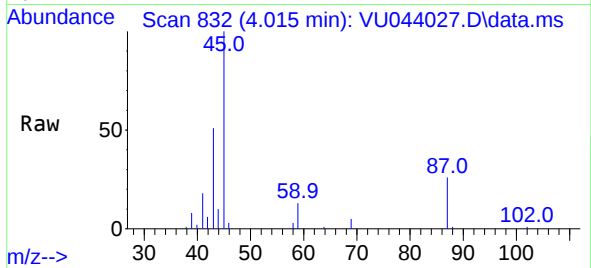
#31  
Isopropyl Ether  
Concen: 1.712 ug/l  
RT: 4.015 min Scan# 832  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 45 Resp: 30215  
Ion Ratio Lower Upper  
45 100  
43 49.6 24.4 73.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

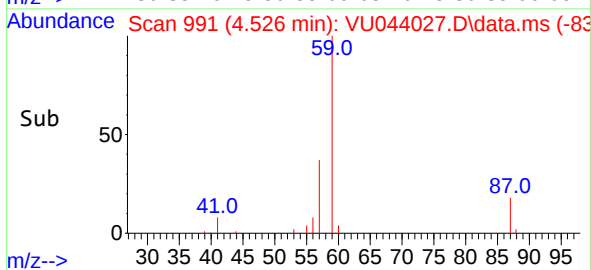
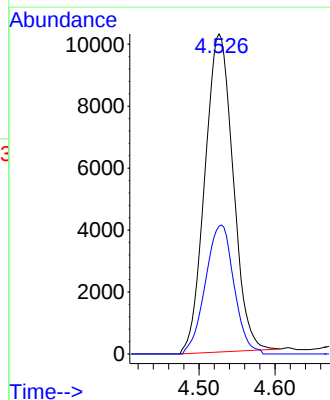
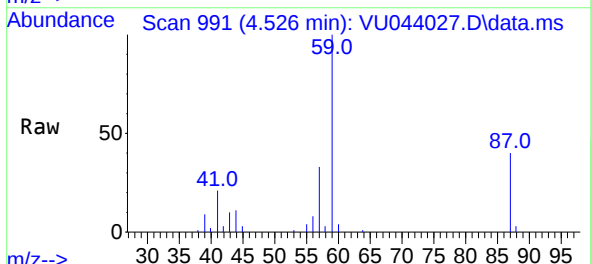
Manual Integrations  
APPROVED

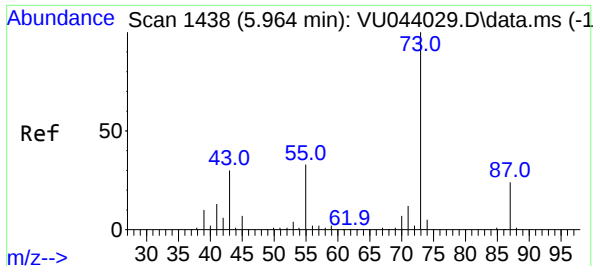
SAM  
6/3/2021 5:47:33 PM



#32  
Ethyl-t-butyl ether  
Concen: 1.680 ug/l  
RT: 4.526 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 59 Resp: 26460  
Ion Ratio Lower Upper  
59 100  
87 41.0 32.2 48.4





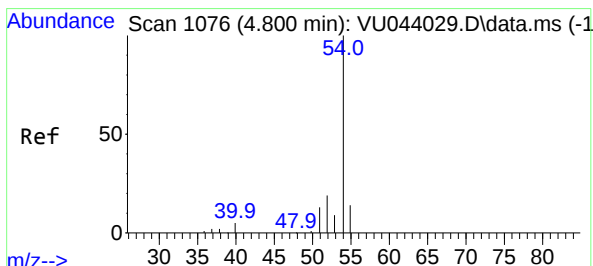
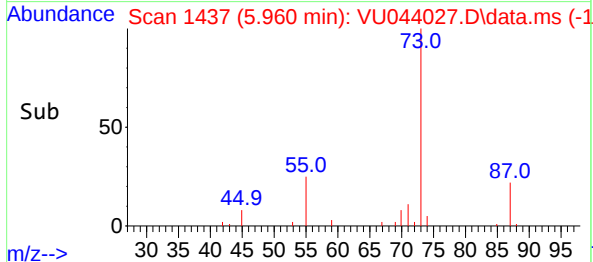
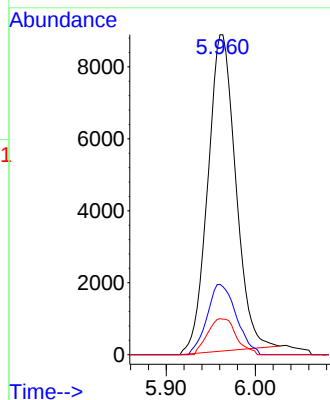
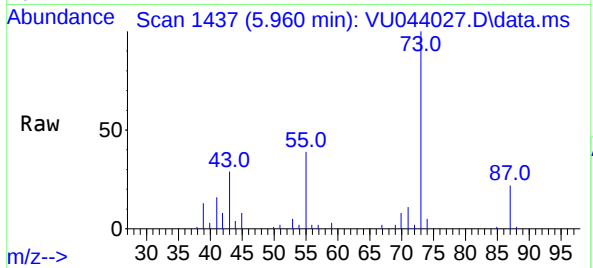
#33  
Tert-Amyl methyl ether  
Concen: 1.651 ug/l  
RT: 5.960 min Scan# 1437  
Delta R.T. -0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|             |                |
|-------------|----------------|
| Tgt Ion: 73 | Resp: 19096    |
| Ion Ratio   | Lower Upper    |
| 73          | 100            |
| 87          | 23.3 19.0 28.6 |
| 71          | 11.7 9.4 14.2  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

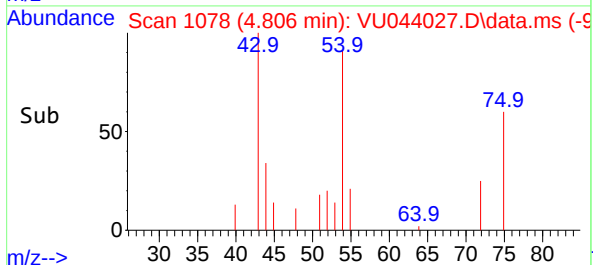
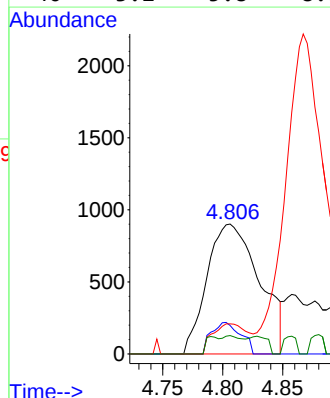
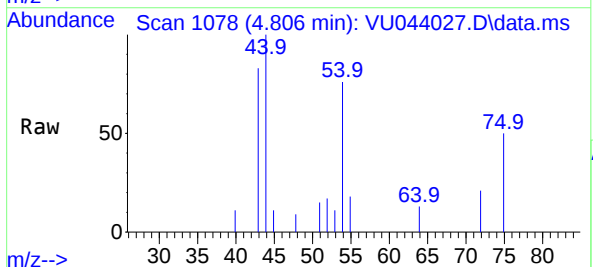
Manual Integrations  
APPROVED

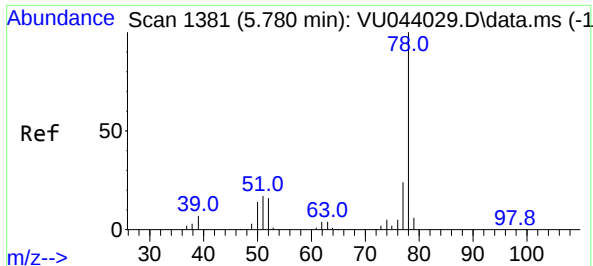
SAM  
6/3/2021 5:47:33 PM



#34  
Propionitrile  
Concen: 6.961 ug/l  
RT: 4.806 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|             |                 |
|-------------|-----------------|
| Tgt Ion: 54 | Resp: 2744      |
| Ion Ratio   | Lower Upper     |
| 54          | 100             |
| 52          | 13.6 16.4 24.6# |
| 55          | 15.4 13.4 20.2  |
| 40          | 3.2 5.8 8.8#    |





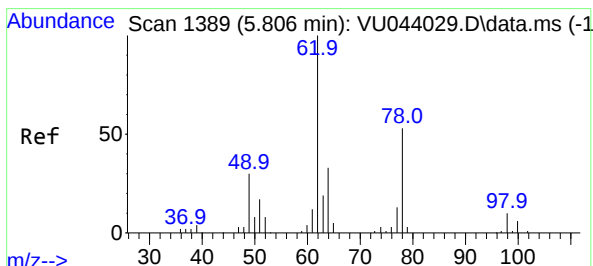
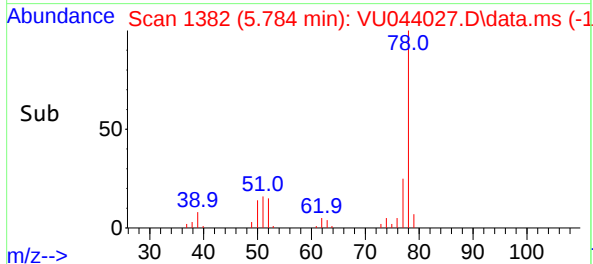
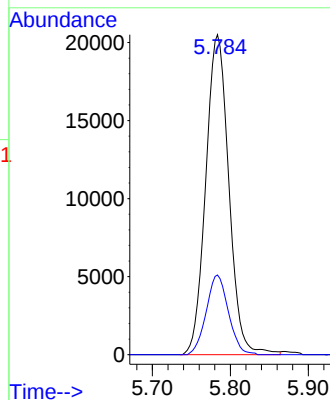
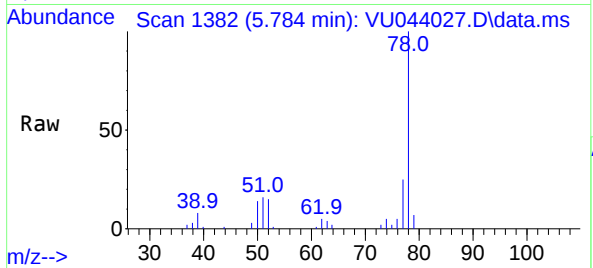
#35  
Benzene  
Concen: 2.180 ug/l  
RT: 5.784 min Scan# 1382  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

Tgt Ion: 78 Resp: 42170  
Ion Ratio Lower Upper  
78 100  
77 24.9 19.4 29.2

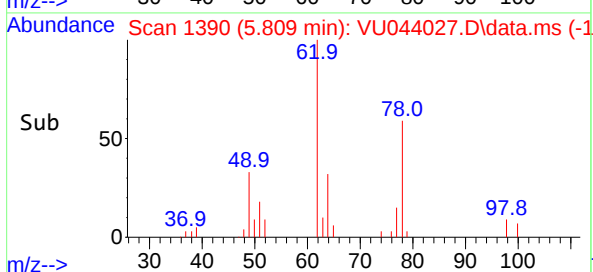
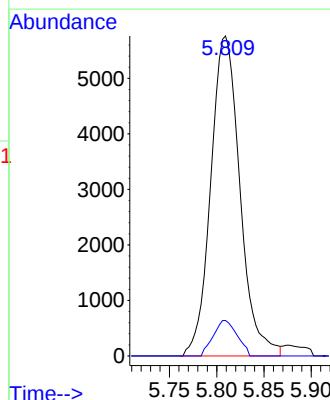
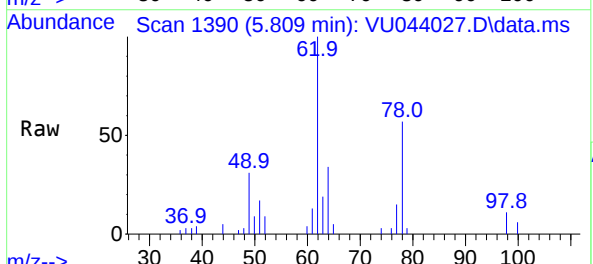
Manual Integrations  
APPROVED

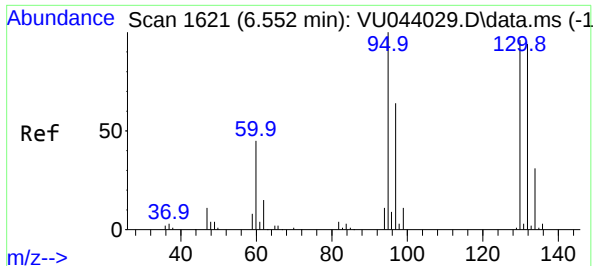
SAM  
6/3/2021 5:47:33 PM



#36  
1,2-Dichloroethane  
Concen: 1.732 ug/l  
RT: 5.809 min Scan# 1390  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 62 Resp: 12403  
Ion Ratio Lower Upper  
62 100  
98 9.0 7.7 11.5





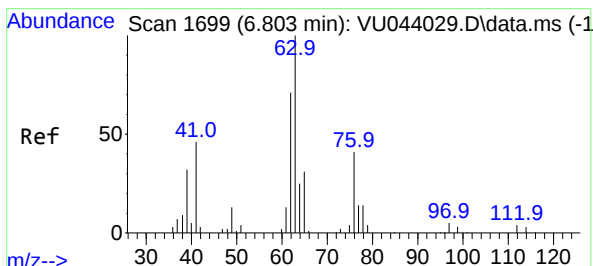
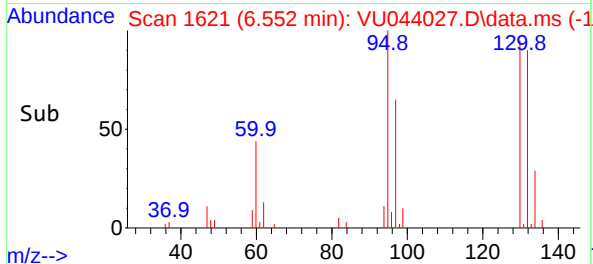
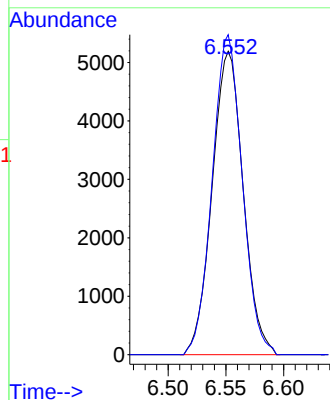
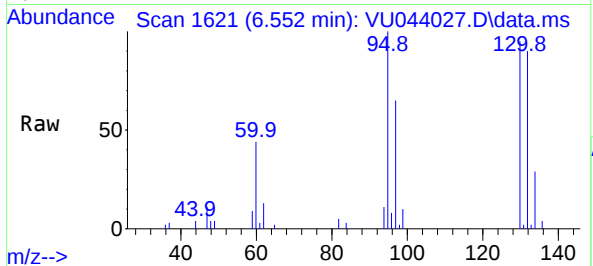
#37  
Trichloroethene  
Concen: 1.928 ug/l  
RT: 6.552 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion:130 Resp: 9716  
Ion Ratio Lower Upper  
130 100  
95 105.5 83.6 125.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

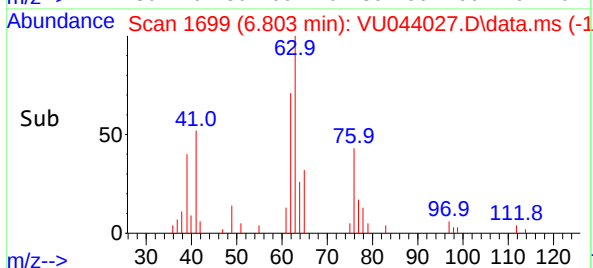
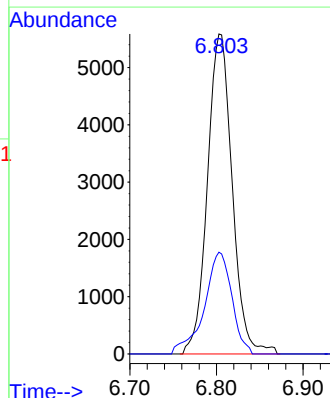
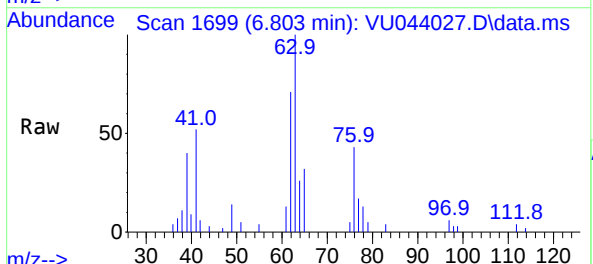
Manual Integrations  
APPROVED

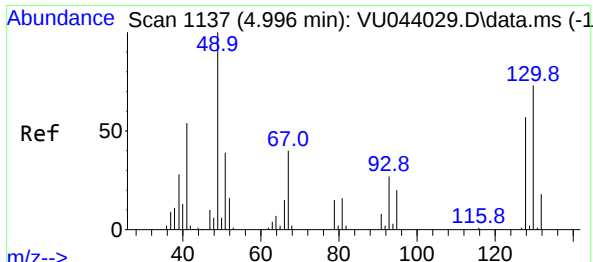
SAM  
6/3/2021 5:47:33 PM



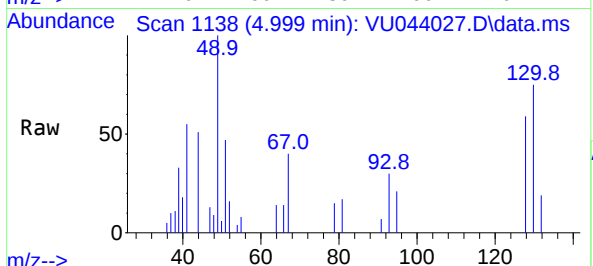
#38  
1,2-Dichloropropane  
Concen: 2.026 ug/l  
RT: 6.803 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 63 Resp: 11118  
Ion Ratio Lower Upper  
63 100  
65 31.8 25.0 37.4



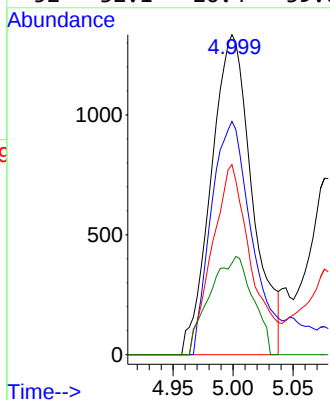
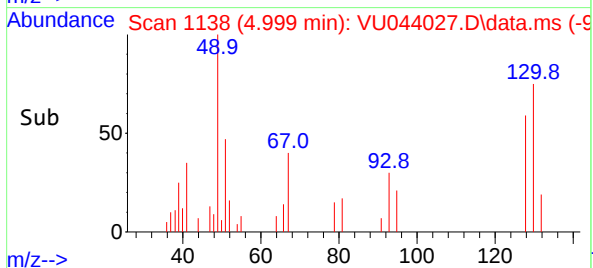


#39  
Methacrylonitrile  
Concen: 1.279 ug/l  
RT: 4.999 min Scan# 1138  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion: 41 Resp: 3181

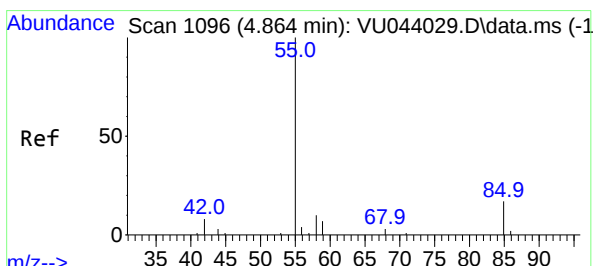
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 72.2  | 63.6  | 95.4  |
| 39  | 56.3  | 42.3  | 63.5  |
| 52  | 32.1  | 26.4  | 39.6  |



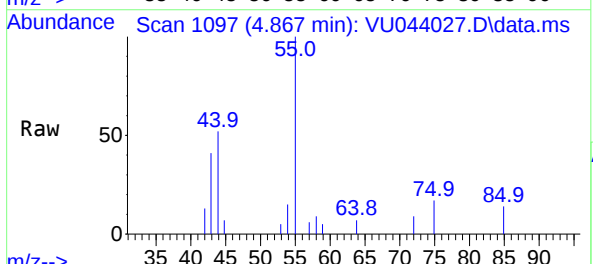
Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC002

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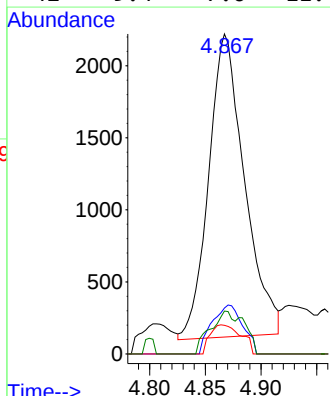
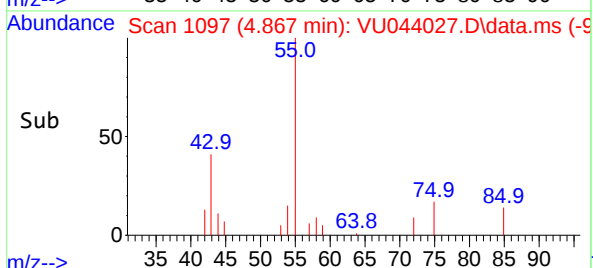


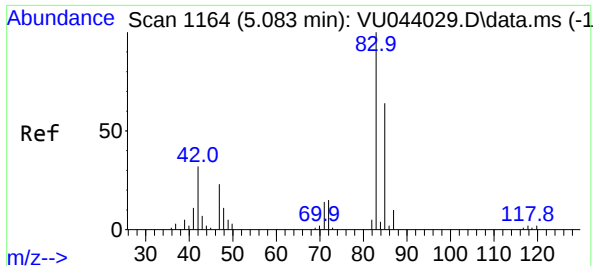
#40  
Methyl acrylate  
Concen: 1.415 ug/l  
RT: 4.867 min Scan# 1097  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion: 55 Resp: 4704

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 13.9  | 11.4  | 17.2  |
| 58  | 8.3   | 7.2   | 10.8  |
| 42  | 9.4   | 7.6   | 11.4  |





#41

Tetrahydrofuran

Concen: 2.449 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU044027.D

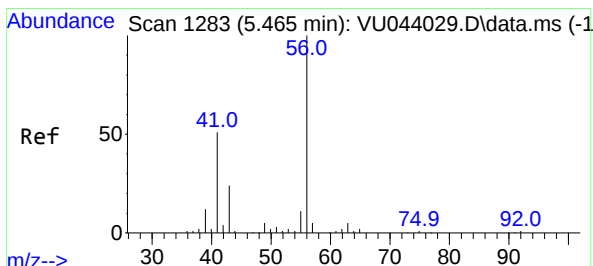
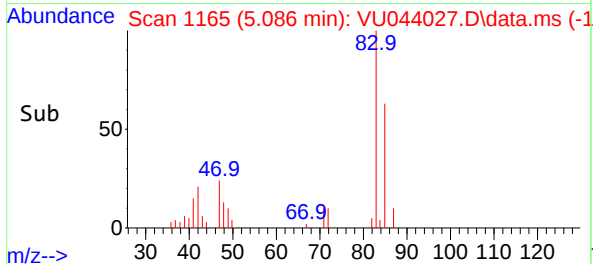
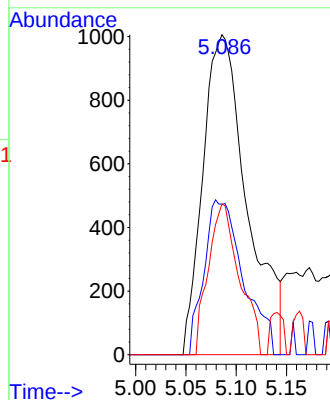
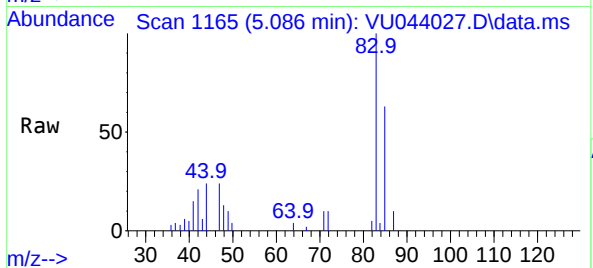
Acq: 02 Jun 2021 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 3078  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 42.9  | 36.6  | 55.0  |
| 71       | 33.2  | 25.9  | 38.9  |

Instrument :  
MSVOA\_U  
ClientSampled :  
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#42

1-Chlorobutane

Concen: 2.021 ug/l

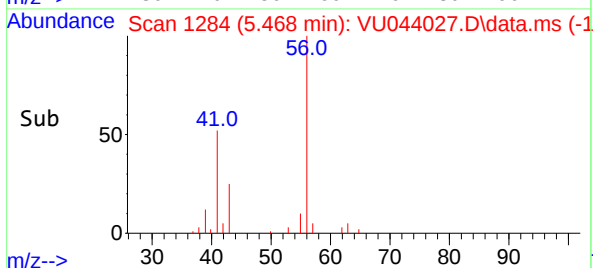
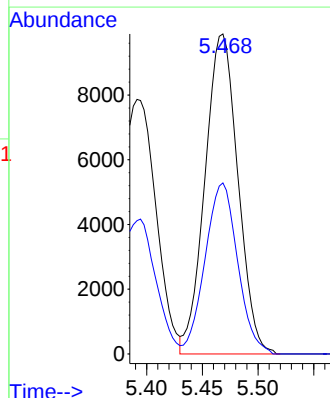
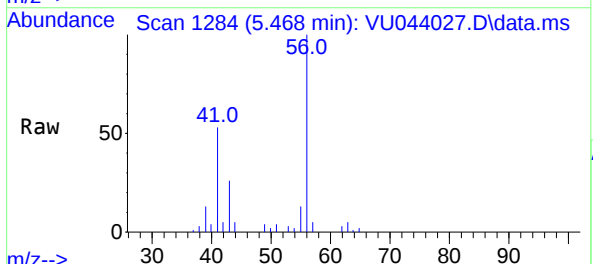
RT: 5.468 min Scan# 1284

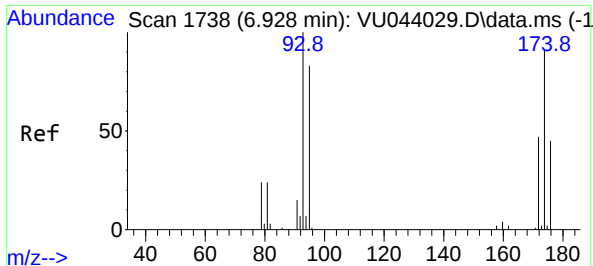
Delta R.T. 0.003 min

Lab File: VU044027.D

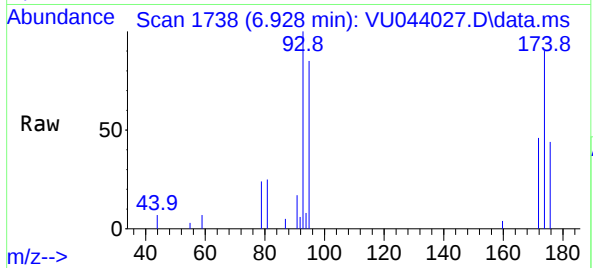
Acq: 02 Jun 2021 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 20364 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 41       | 52.9  | 25.8  | 77.3  |



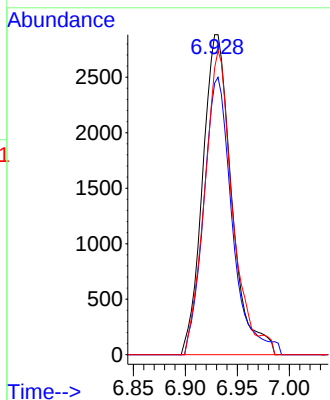


#43  
Dibromomethane  
Concen: 1.926 ug/l  
RT: 6.928 min Scan# 1738  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion: 93 Resp: 5614

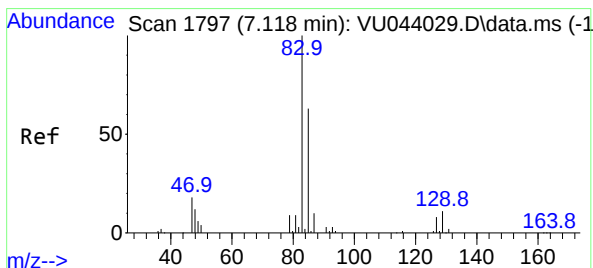
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 84.8  | 66.4  | 99.6  |
| 174 | 91.4  | 73.6  | 110.4 |



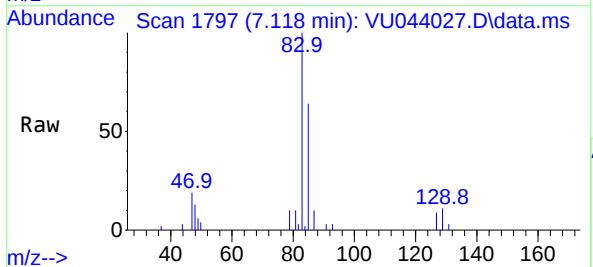
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

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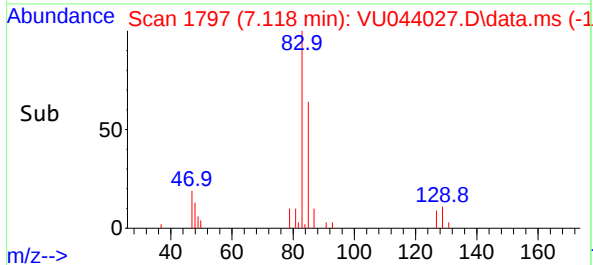
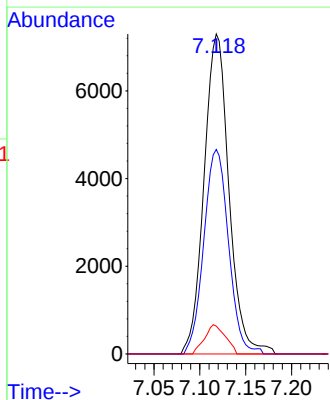


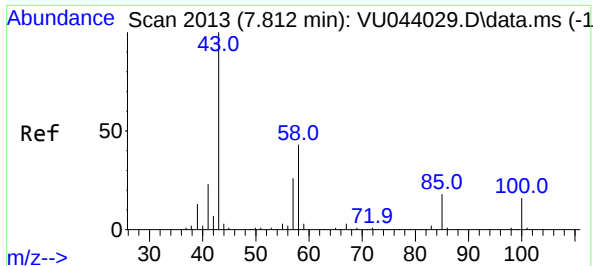
#44  
Bromodichloromethane  
Concen: 1.993 ug/l  
RT: 7.118 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion: 83 Resp: 13818

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.9  | 50.6  | 76.0  |
| 127 | 8.7   | 6.4   | 9.6   |





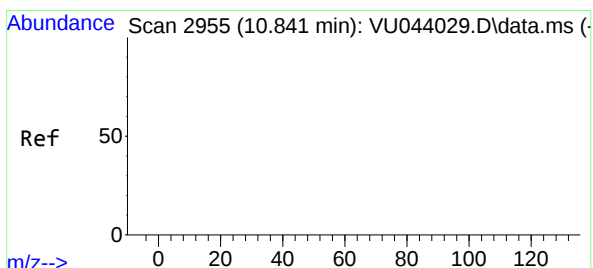
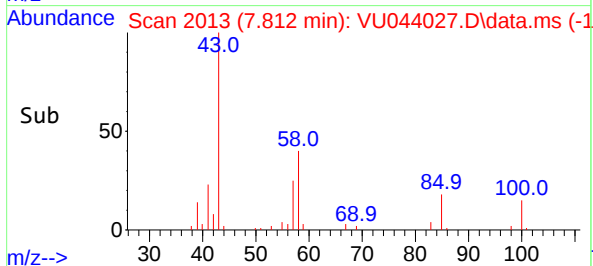
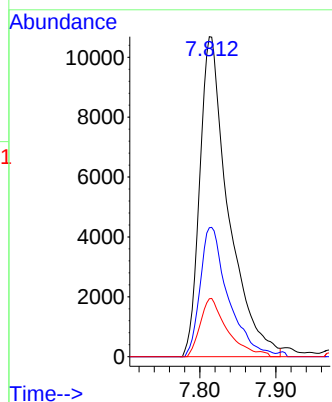
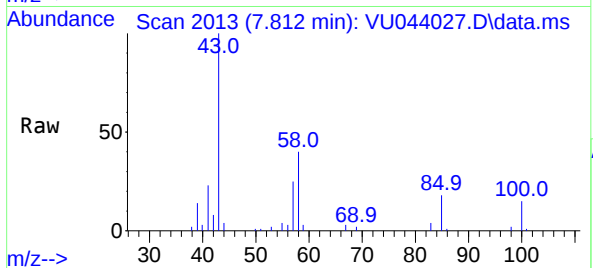
#45  
4-Methyl-2-Pentanone  
Concen: 6.634 ug/l  
RT: 7.812 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 27924 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 39.7  | 21.1  | 63.4  |
| 85       | 17.3  | 14.6  | 22.0  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

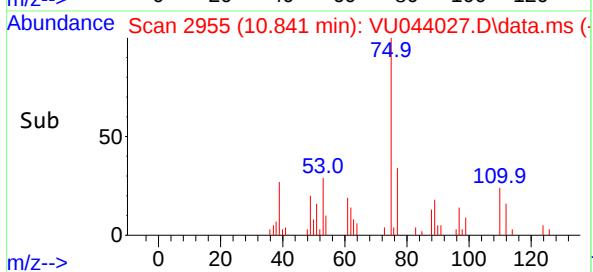
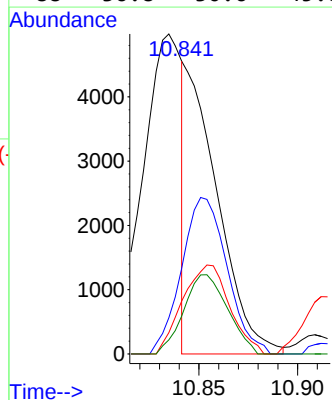
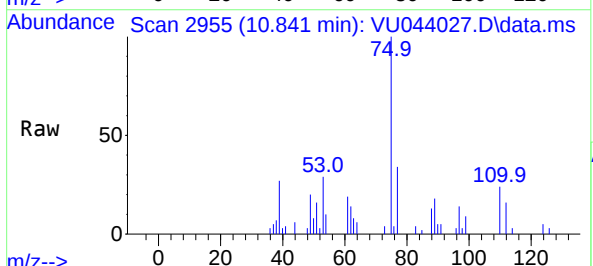
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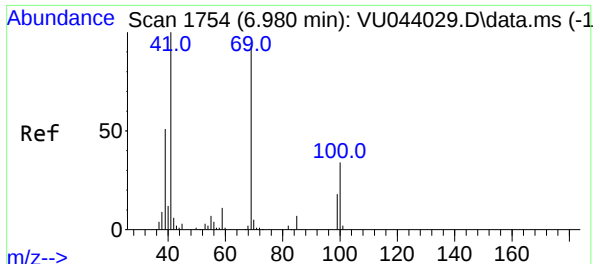
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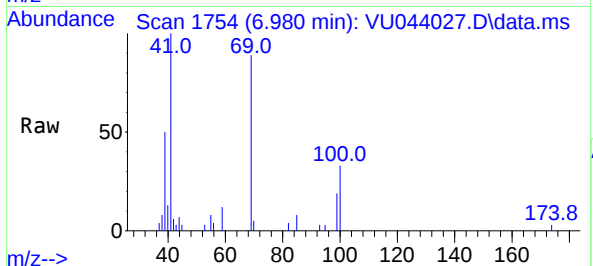
#46  
t-1,4-Dichloro-2-butene  
Concen: 3.743 ug/l m  
RT: 10.841 min Scan# 2955  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5157  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 75.8  | 61.9  | 92.9  |
| 89       | 44.4  | 39.4  | 59.2  |
| 88       | 36.8  | 30.6  | 45.8  |



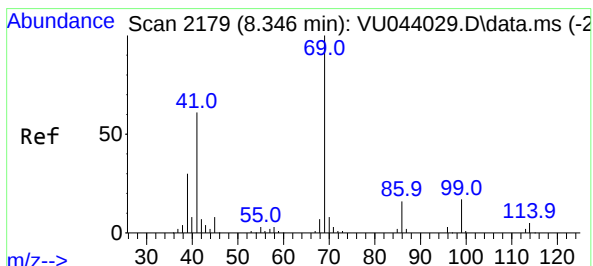
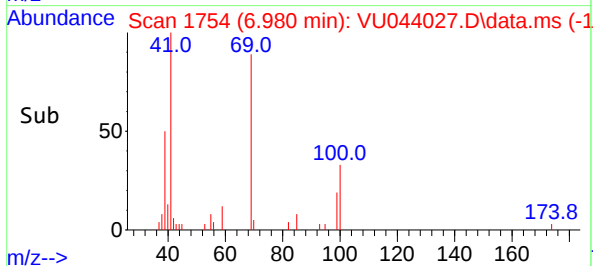
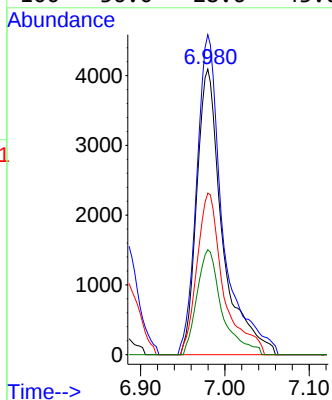


#47  
Methyl methacrylate  
Concen: 3.359 ug/l  
RT: 6.980 min Scan# 1754  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

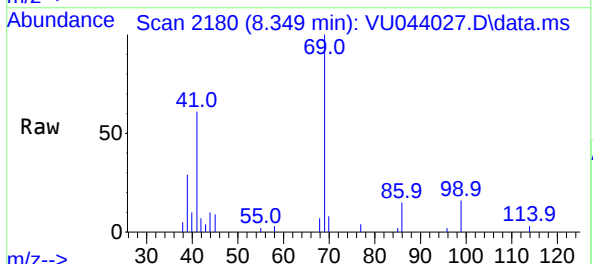


Tgt Ion: 69 Resp: 8663

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 114.0 | 0.0   | 212.4 |
| 39  | 58.4  | 44.2  | 66.2  |
| 100 | 36.0  | 28.6  | 43.0  |

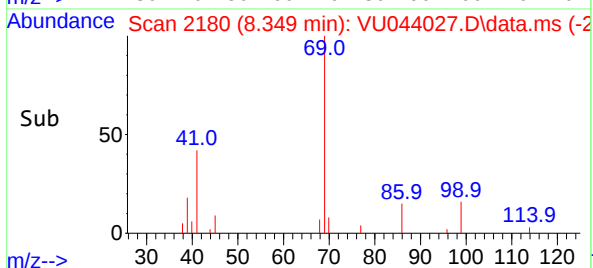
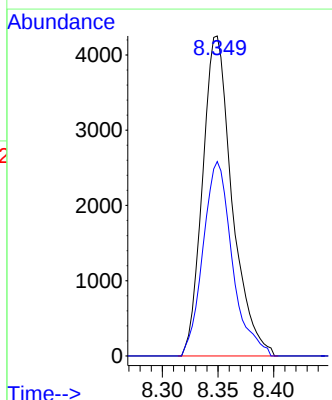


#48  
Ethyl methacrylate  
Concen: 1.554 ug/l  
RT: 8.349 min Scan# 2180  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion: 69 Resp: 7846

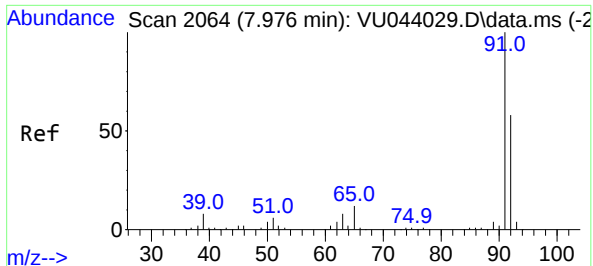
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.1  | 30.3  | 90.9  |



Instrument :  
MSVOA\_U  
ClientSampleId :  
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#49

Toluene

Concen: 1.910 ug/l

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU044027.D

Acq: 02 Jun 2021 18:04

Tgt Ion: 92 Resp: 22526

Ion Ratio Lower Upper

92 100

91 171.9 138.5 207.7

Instrument :

MSVOA\_U

ClientSampleId :

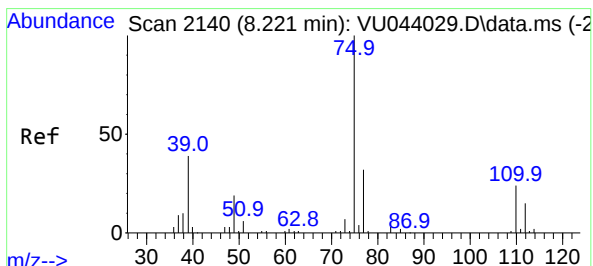
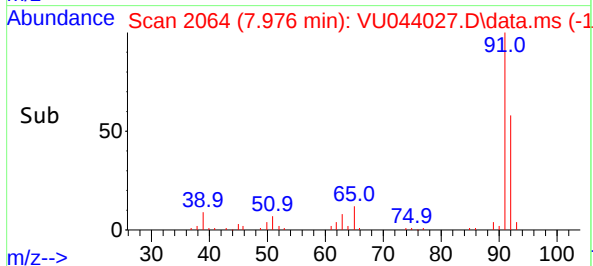
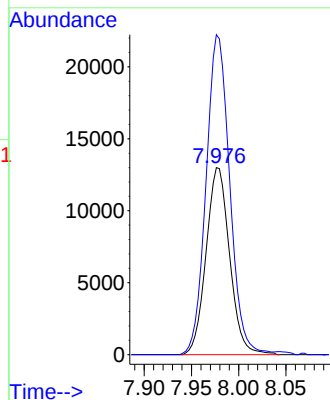
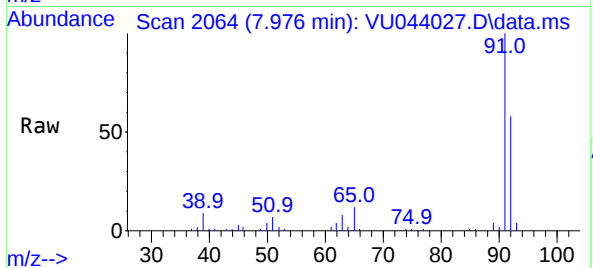
VSTDIC002

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#50

t-1,3-Dichloropropene

Concen: 1.847 ug/l

RT: 8.221 min Scan# 2140

Delta R.T. -0.000 min

Lab File: VU044027.D

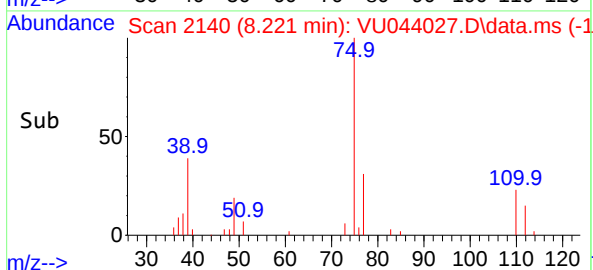
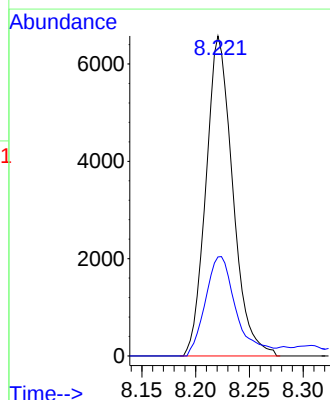
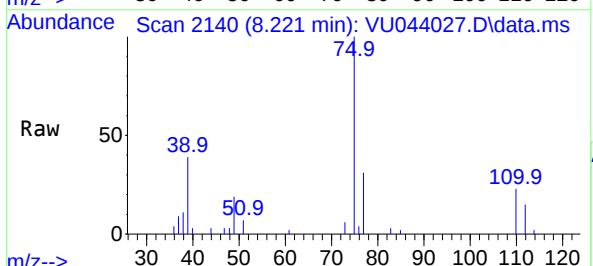
Acq: 02 Jun 2021 18:04

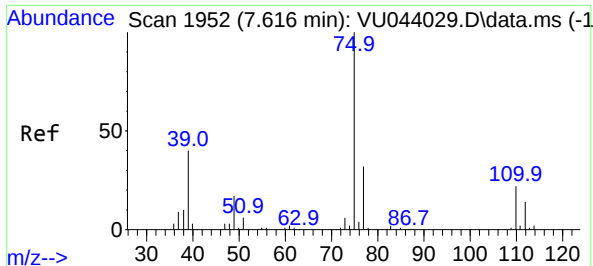
Tgt Ion: 75 Resp: 11389

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0





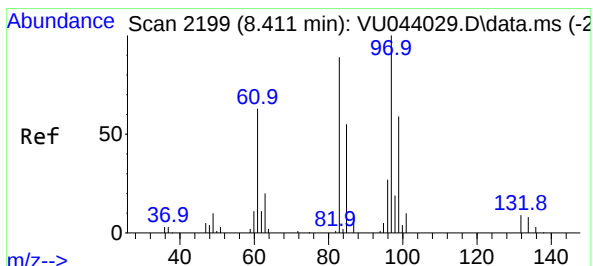
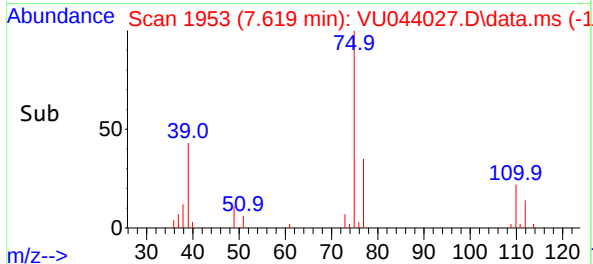
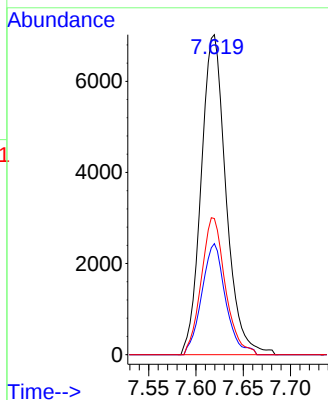
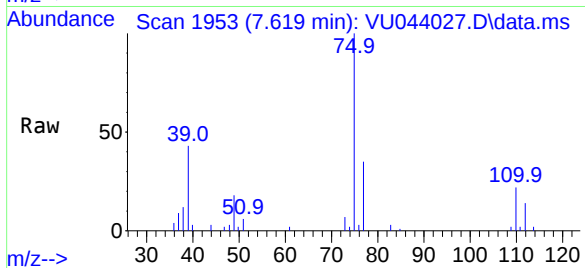
#51  
cis-1,3-Dichloropropene  
Concen: 1.845 ug/l  
RT: 7.619 min Scan# 1953  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 12821 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 34.7  | 25.6  | 38.4  |
| 39       | 42.6  | 32.2  | 48.2  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

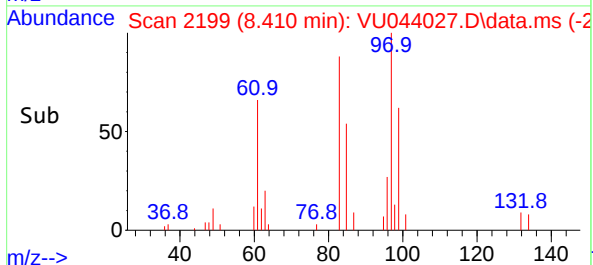
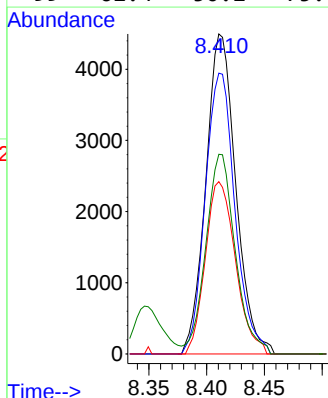
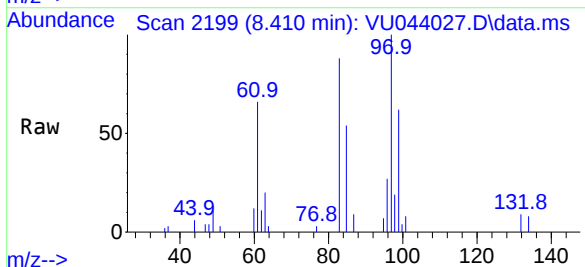
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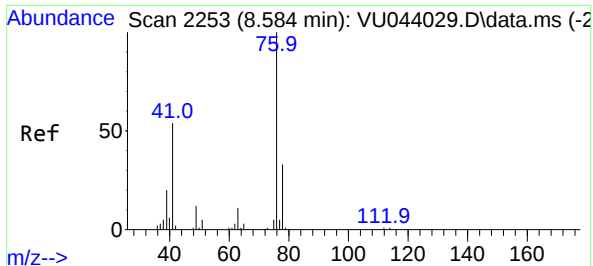
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#52  
1,1,2-Trichloroethane  
Concen: 1.985 ug/l  
RT: 8.410 min Scan# 2199  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 8120  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.7  | 71.2  | 106.8 |
| 85       | 53.9  | 44.7  | 67.1  |
| 99       | 62.4  | 50.2  | 75.4  |





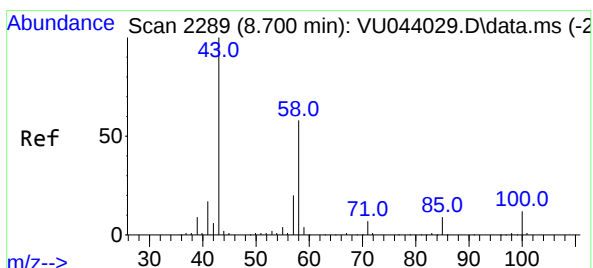
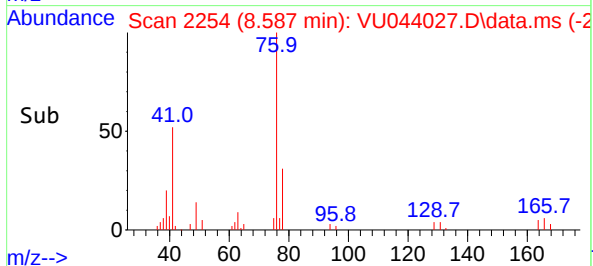
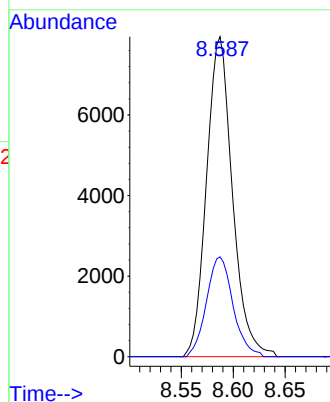
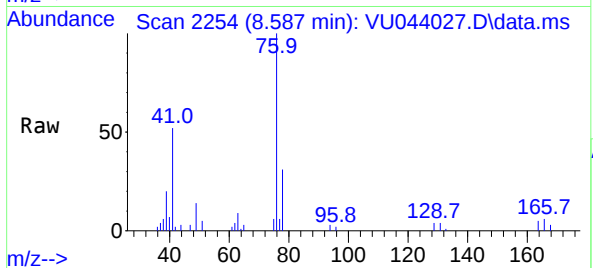
#53  
1,3-Dichloropropane  
Concen: 1.948 ug/l  
RT: 8.587 min Scan# 2254  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 76 Resp: 13756  
Ion Ratio Lower Upper  
76 100  
78 32.0 25.6 38.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

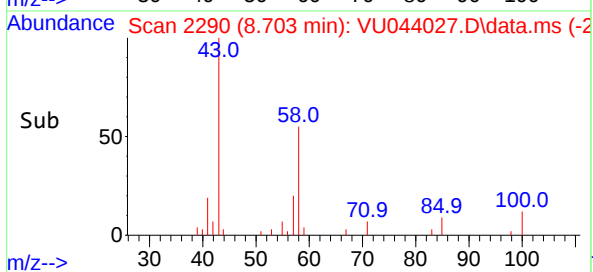
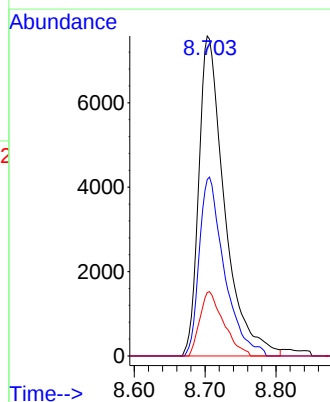
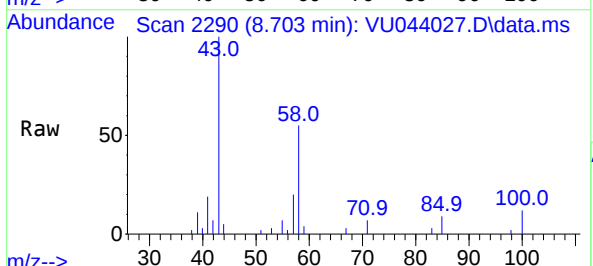
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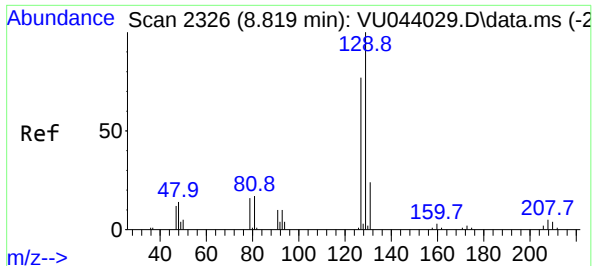
SAM  
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#54  
2-Hexanone  
Concen: 6.415 ug/l  
RT: 8.703 min Scan# 2290  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 43 Resp: 19151  
Ion Ratio Lower Upper  
43 100  
58 54.3 38.3 78.3  
57 18.5 0.0 39.4





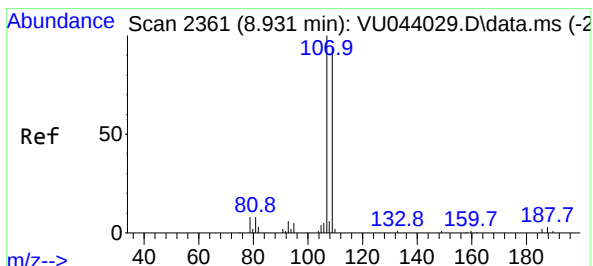
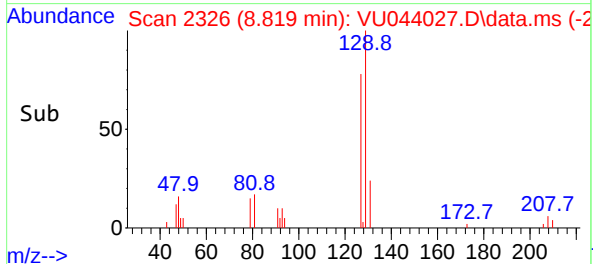
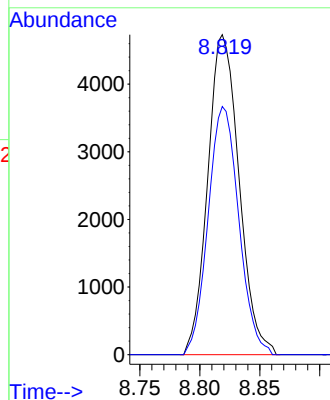
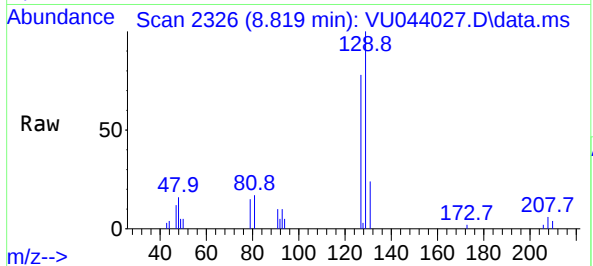
#55  
Dibromochloromethane  
Concen: 1.809 ug/l  
RT: 8.819 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

Tgt Ion:129 Resp: 8604  
Ion Ratio Lower Upper  
129 100  
127 75.9 62.3 93.5

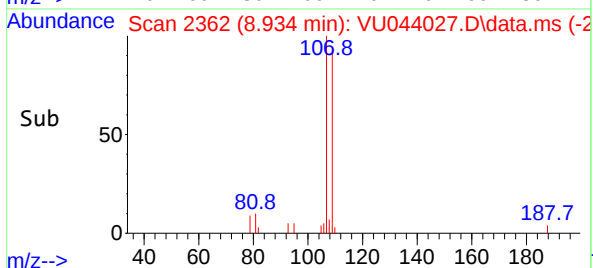
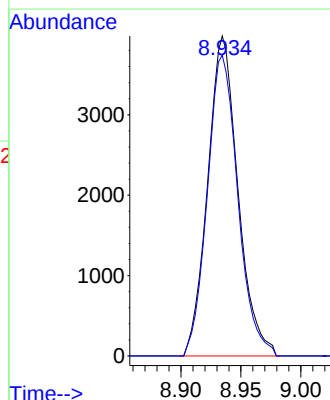
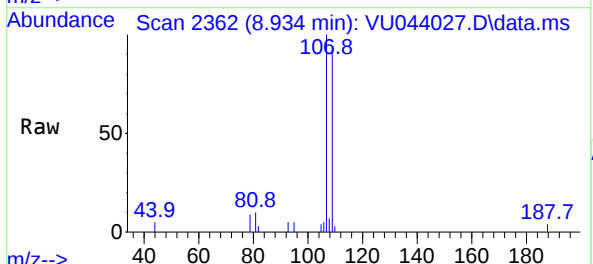
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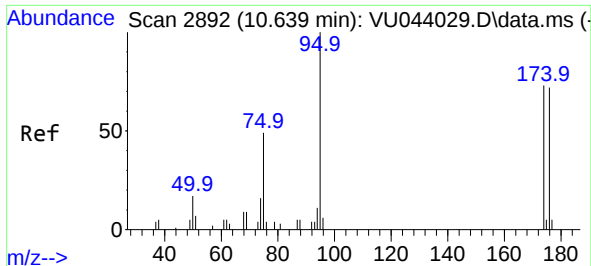
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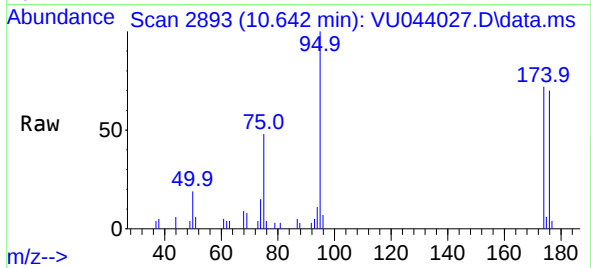
#56  
1,2-Dibromoethane  
Concen: 1.756 ug/l  
RT: 8.934 min Scan# 2362  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion:107 Resp: 6999  
Ion Ratio Lower Upper  
107 100  
109 94.4 0.0 189.4

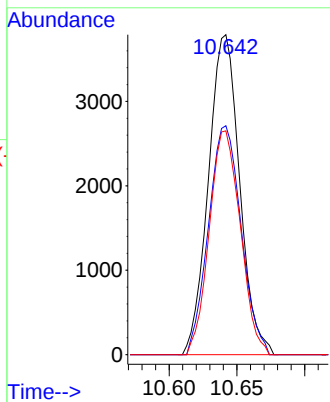
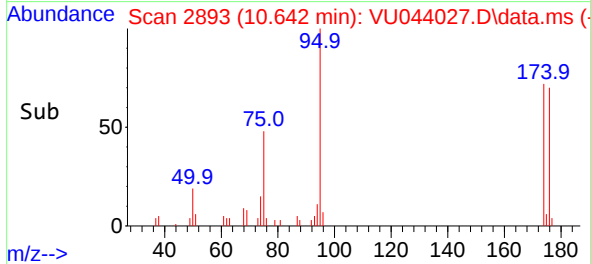




#57  
4-Bromofluorobenzene  
Concen: 0.825 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



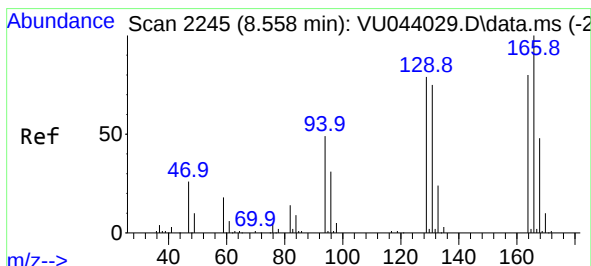
Tgt Ion: 95 Resp: 6072  
Ion Ratio Lower Upper  
95 100  
174 74.7 59.1 88.7  
176 69.6 56.4 84.6



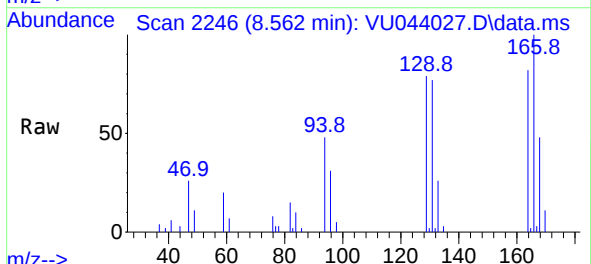
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

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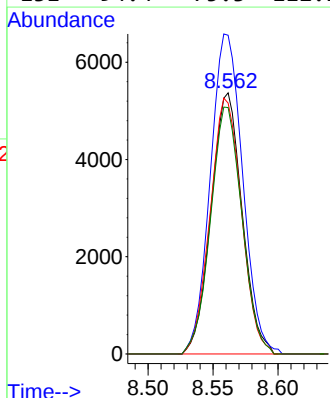
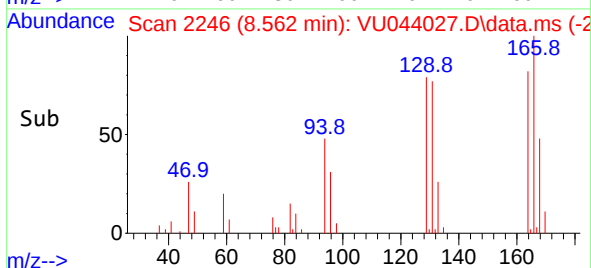
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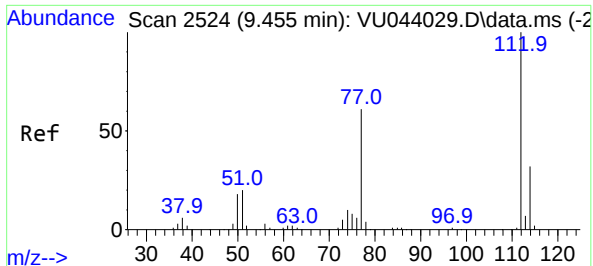


#58  
Tetrachloroethene  
Concen: 1.654 ug/l  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion: 164 Resp: 8917  
Ion Ratio Lower Upper  
164 100  
166 122.1 99.9 149.9  
129 96.1 78.8 118.2  
131 94.4 75.3 112.9





#59

Chlorobenzene

Concen: 1.820 ug/l

RT: 9.455 min Scan# 2524

Delta R.T. -0.000 min

Lab File: VU044027.D

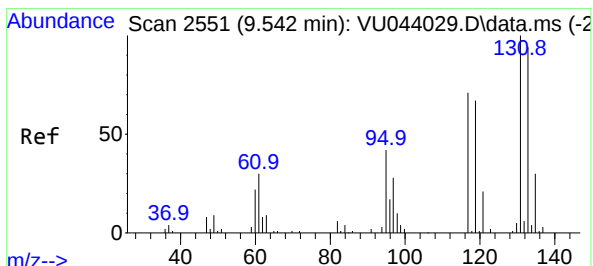
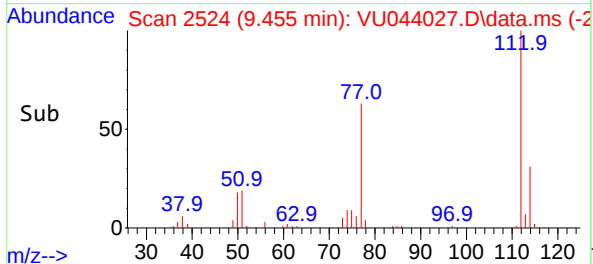
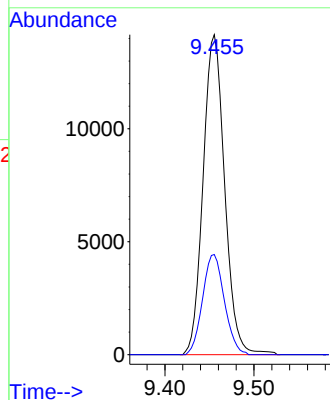
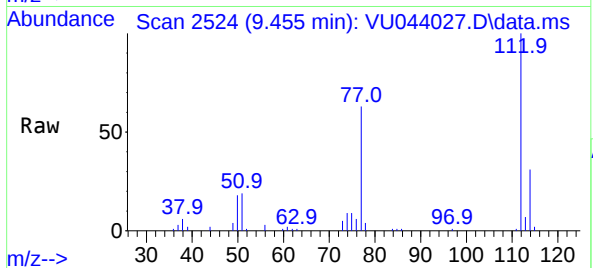
Acq: 02 Jun 2021 18:04

Tgt Ion:112 Resp: 23823

Ion Ratio Lower Upper

112 100

114 31.3 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 1.839 ug/l

RT: 9.542 min Scan# 2551

Delta R.T. -0.000 min

Lab File: VU044027.D

Acq: 02 Jun 2021 18:04

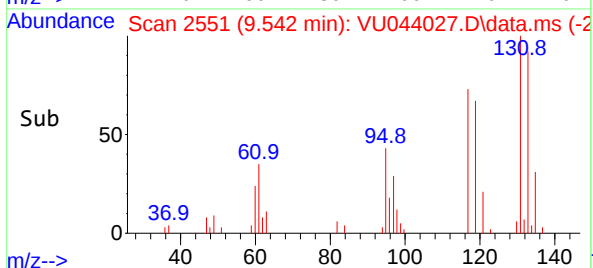
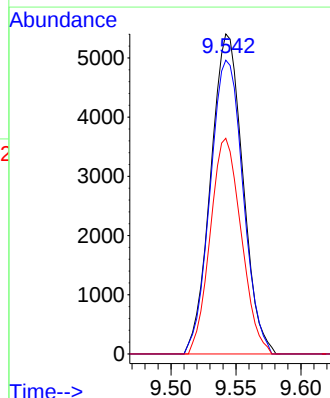
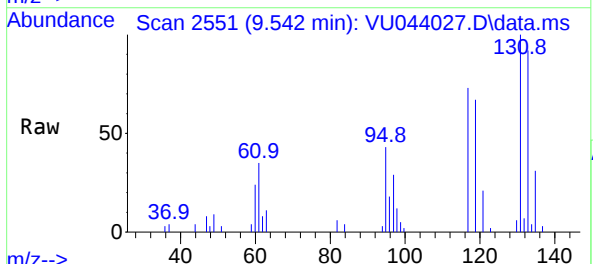
Tgt Ion:131 Resp: 9298

Ion Ratio Lower Upper

131 100

133 93.8 75.8 113.8

119 64.9 53.4 80.2



Instrument :

MSVOA\_U

ClientSampleId :

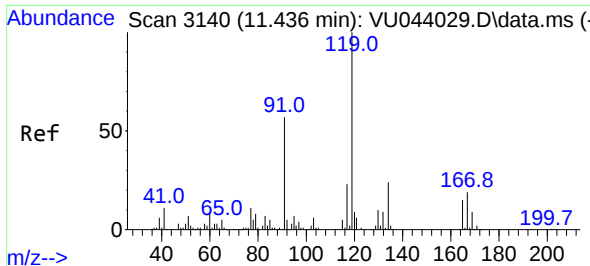
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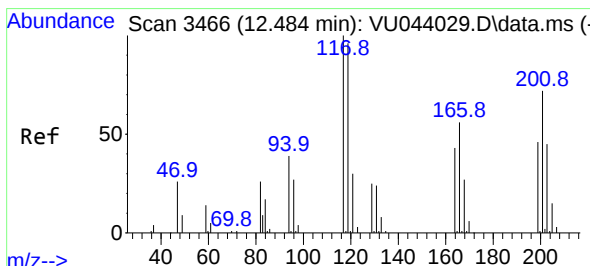
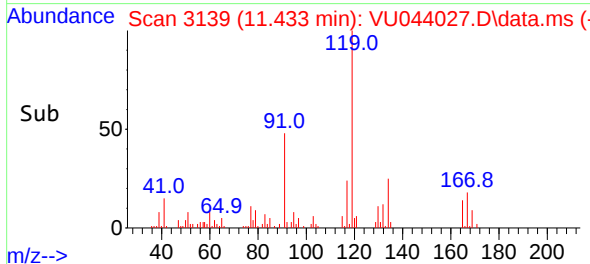
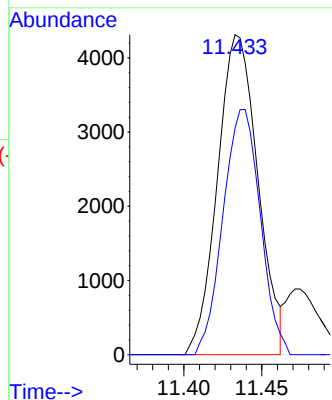
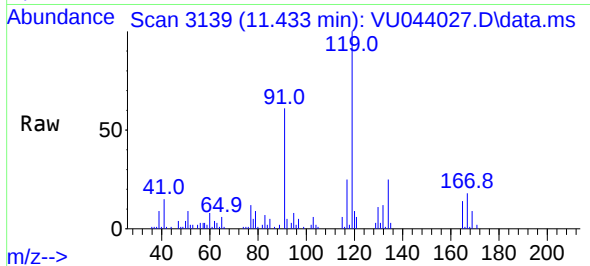
#61  
Pentachloroethane  
Concen: 1.992 ug/l  
RT: 11.433 min Scan# 3139  
Delta R.T. -0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC002

Tgt Ion:117 Resp: 7767  
Ion Ratio Lower Upper  
117 100  
167 70.6 60.4 90.6

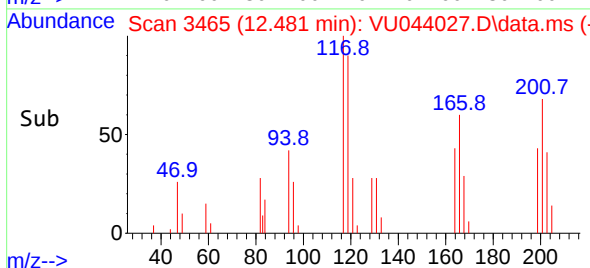
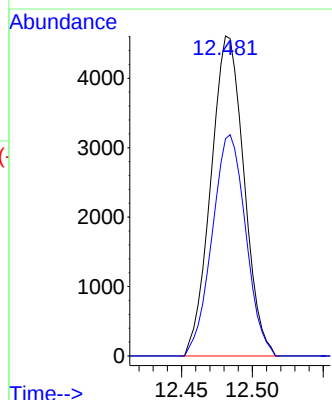
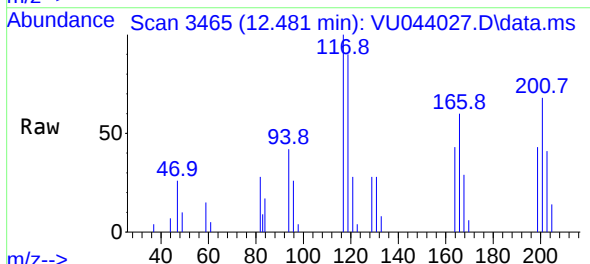
Manual Integrations  
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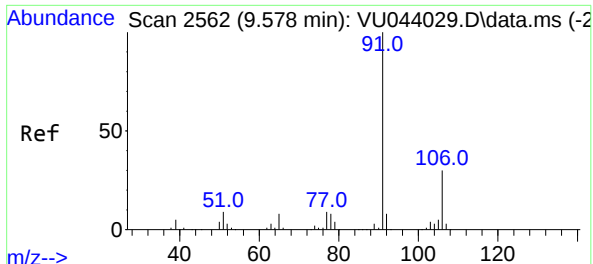
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#62  
Hexachloroethane  
Concen: 1.875 ug/l  
RT: 12.481 min Scan# 3465  
Delta R.T. -0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

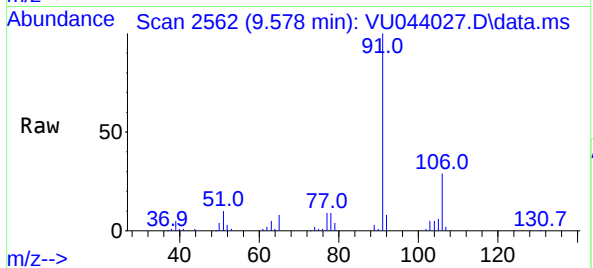
Tgt Ion:117 Resp: 7493  
Ion Ratio Lower Upper  
117 100  
201 70.1 57.1 85.7





#63  
Ethyl Benzene  
Concen: 1.644 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

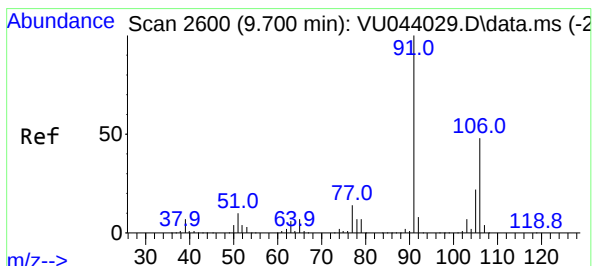
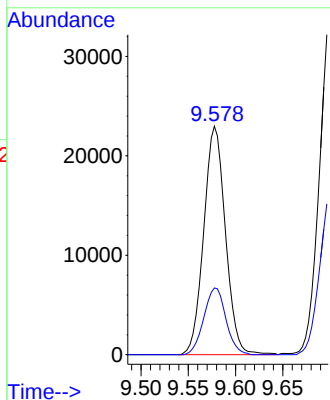
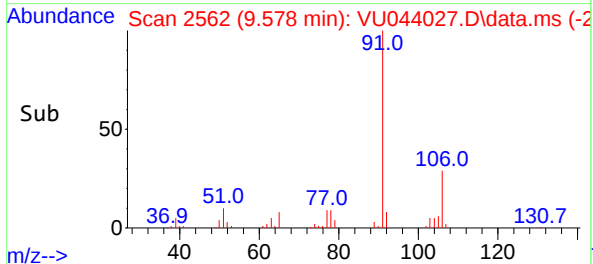
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002



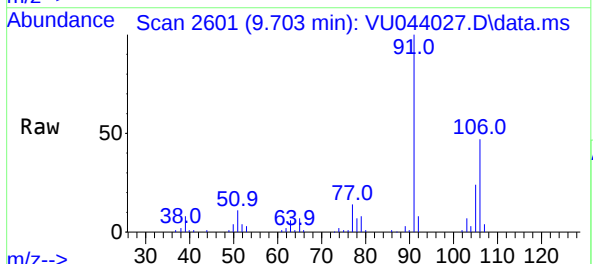
Tgt Ion: 91 Resp: 36706  
Ion Ratio Lower Upper  
91 100  
106 29.2 24.2 36.4

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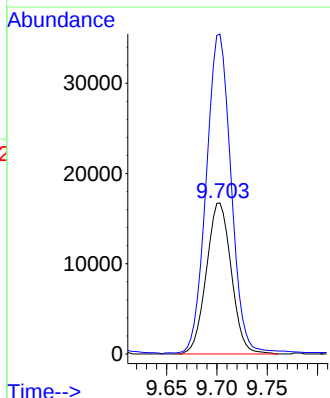
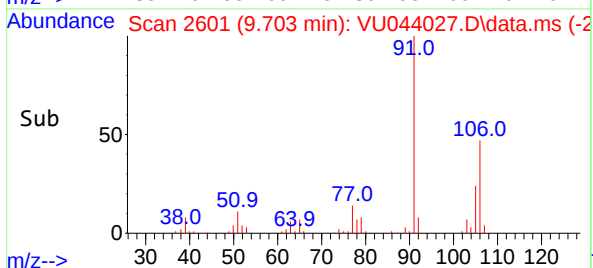
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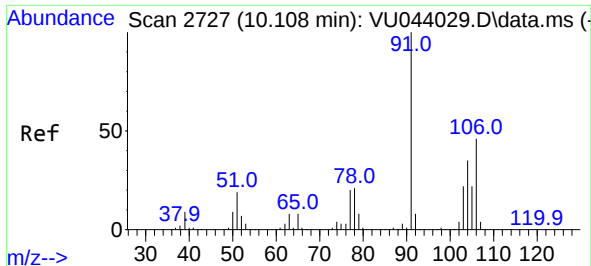


#64  
m/p-Xylenes  
Concen: 3.329 ug/l  
RT: 9.703 min Scan# 2601  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion: 106 Resp: 28837  
Ion Ratio Lower Upper  
106 100  
91 210.8 165.4 248.2





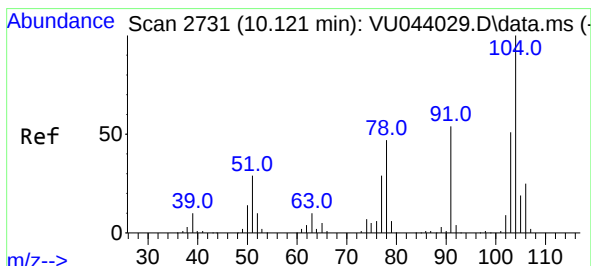
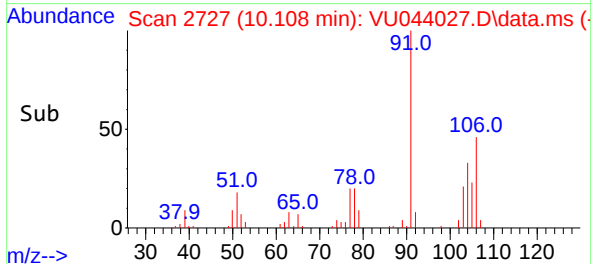
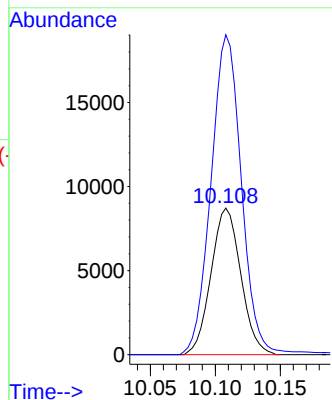
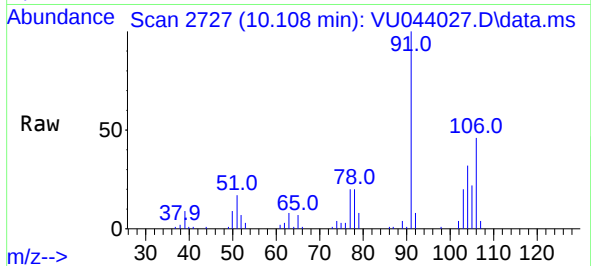
#65  
o-Xylene  
Concen: 1.670 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC002

Tgt Ion:106 Resp: 13899  
Ion Ratio Lower Upper  
106 100  
91 223.8 109.3 328.1

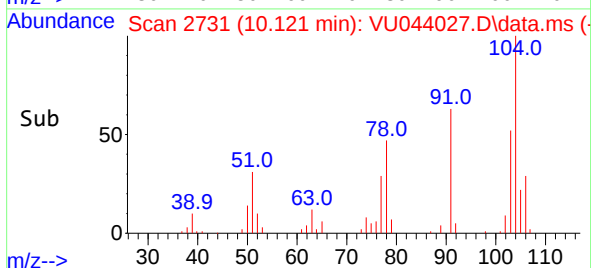
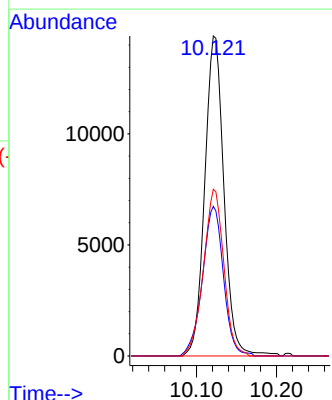
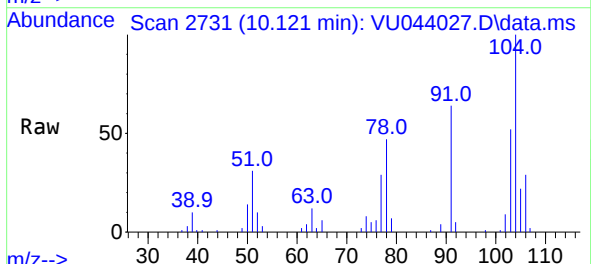
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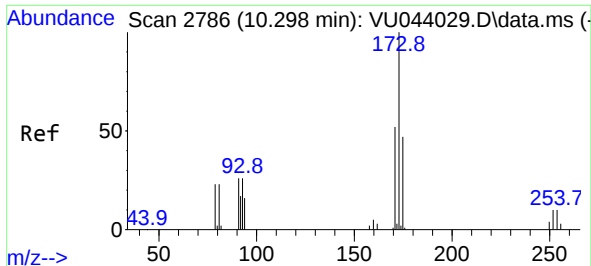
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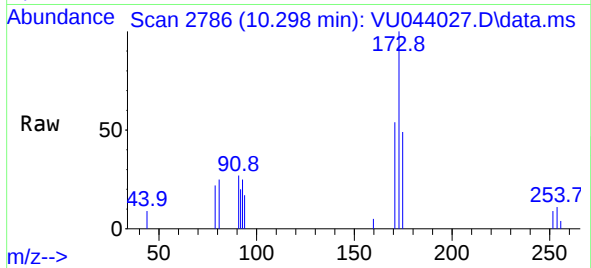
#66  
Styrene  
Concen: 1.688 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion:104 Resp: 24087  
Ion Ratio Lower Upper  
104 100  
78 51.0 40.6 61.0  
103 55.2 43.4 65.0

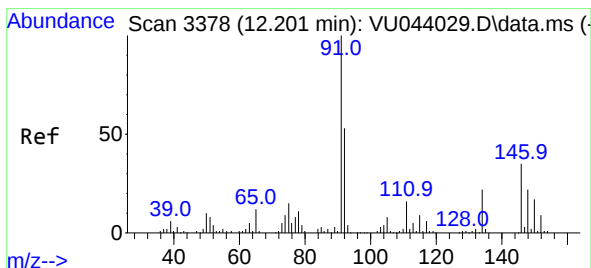
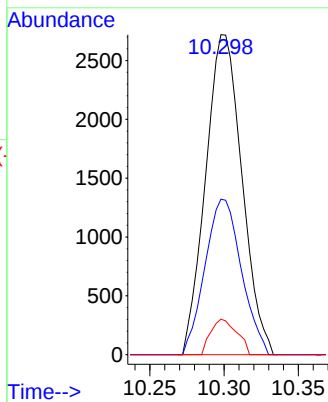
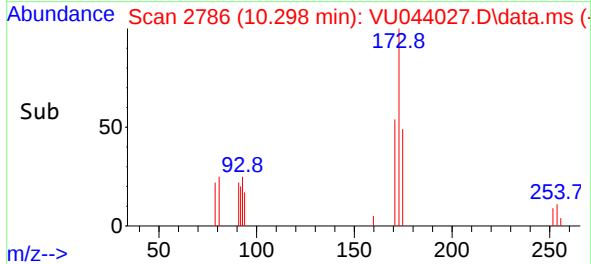




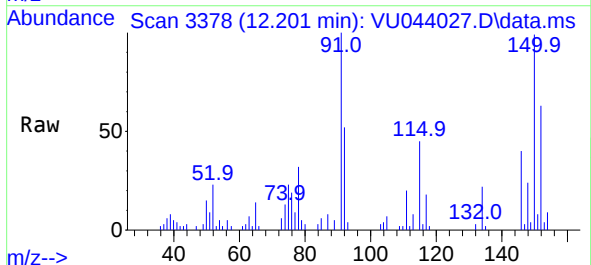
#67  
Bromoform  
Concen: 1.545 ug/l  
RT: 10.298 min Scan# 2786  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



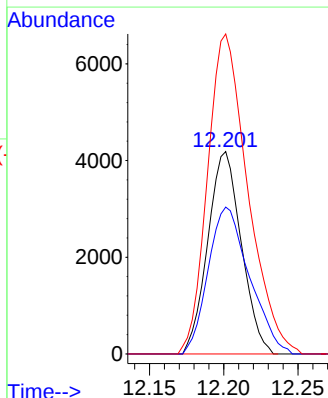
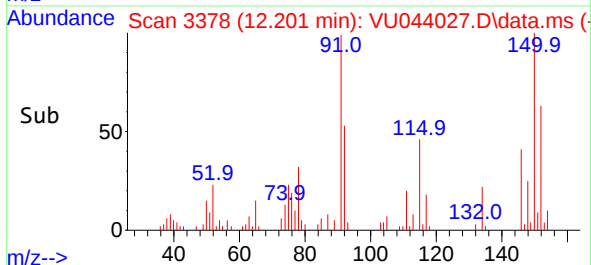
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 4629 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 48.6  | 37.8  | 56.6 |
| 254       | 8.0   | 7.5   | 11.3 |



#68  
1,2-Dichlorobenzene-d4  
Concen: 0.848 ug/l  
RT: 12.201 min Scan# 3378  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



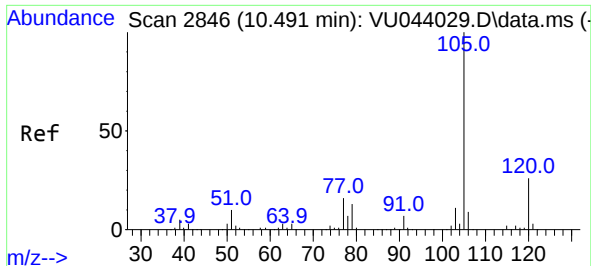
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 6576  |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 89.2  | 0.0   | 320.6 |
| 150       | 189.9 | 0.0   | 687.2 |



Instrument :  
MSVOA\_U  
ClientSampleId :  
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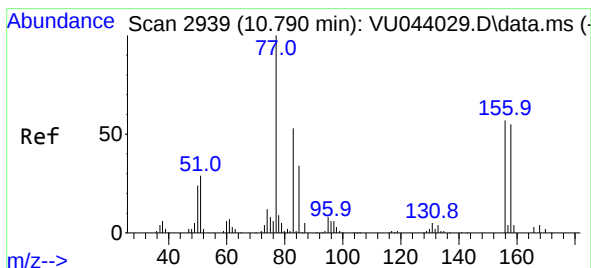
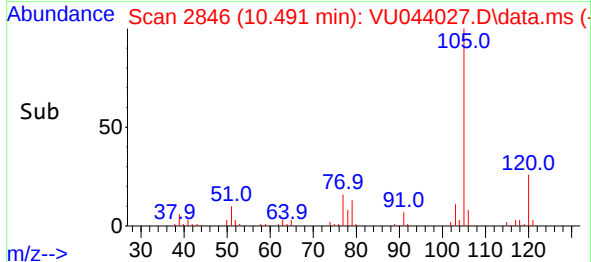
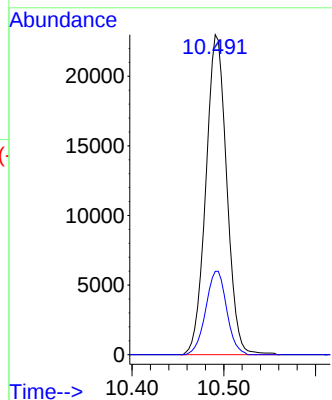
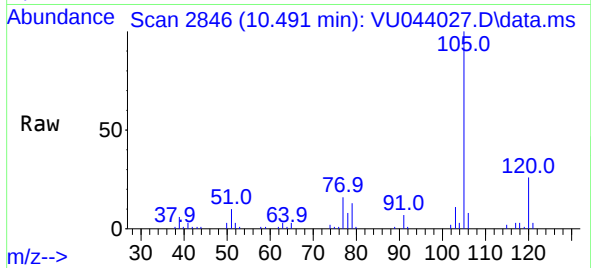
#69  
Isopropylbenzene  
Concen: 1.614 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

Tgt Ion:105 Resp: 36286  
Ion Ratio Lower Upper  
105 100  
120 26.2 12.7 38.1

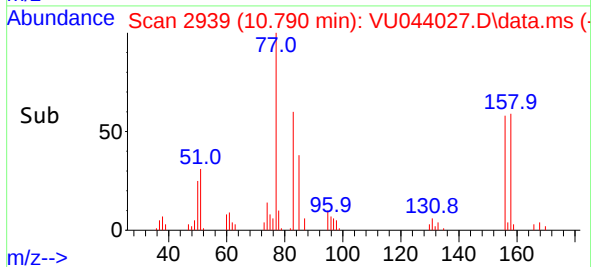
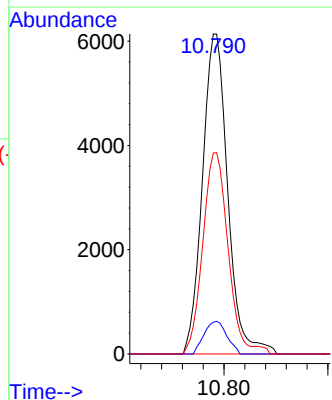
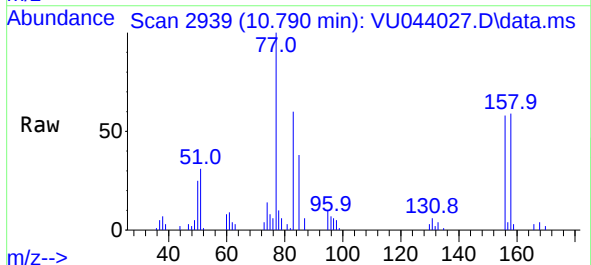
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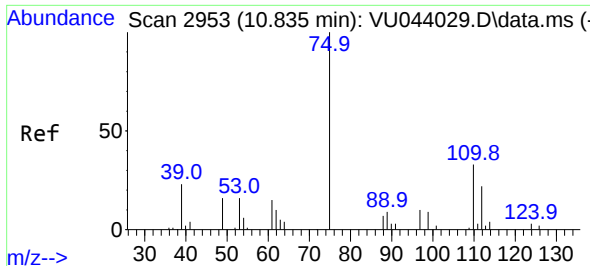
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#70  
1,1,2,2-Tetrachloroethane  
Concen: 1.943 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 83 Resp: 10360  
Ion Ratio Lower Upper  
83 100  
131 9.2 7.4 11.2  
85 63.1 51.5 77.3





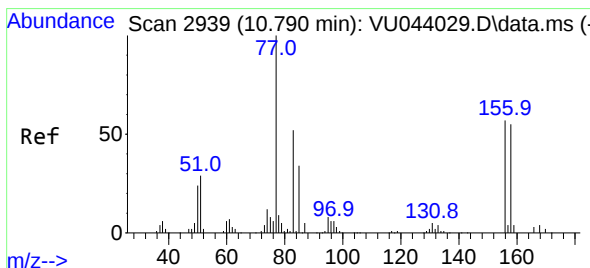
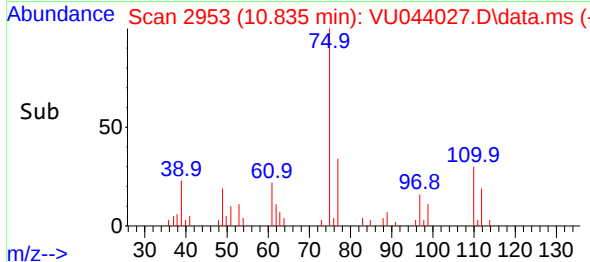
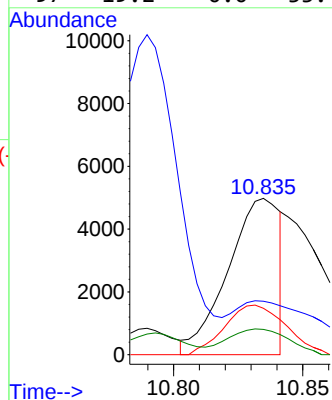
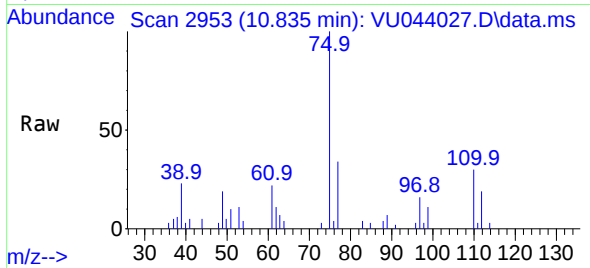
#71  
1,2,3-Trichloropropane  
Concen: 1.661 ug/l m  
RT: 10.835 min Scan# 2953  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 6970  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 57.3  | 0.0   | 96.0  |
| 110      | 37.4  | 0.0   | 66.2  |
| 97       | 19.2  | 0.0   | 33.4  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

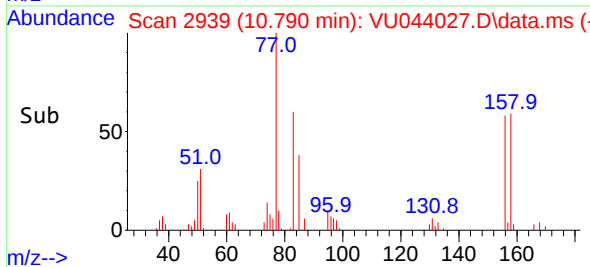
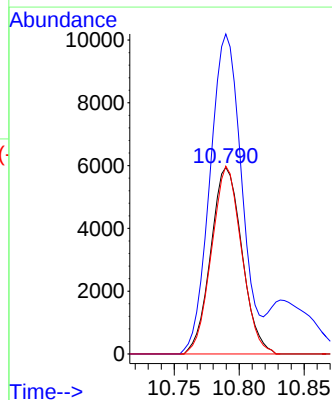
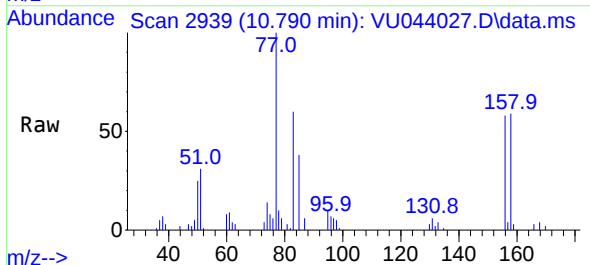
Manual Integrations  
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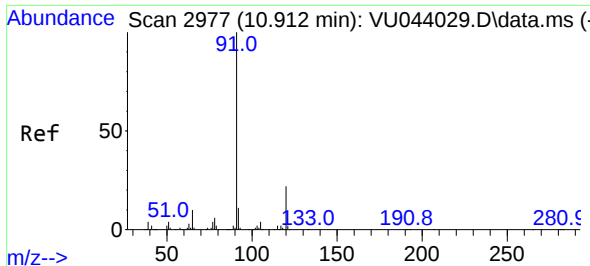
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#72  
Bromobenzene  
Concen: 1.608 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

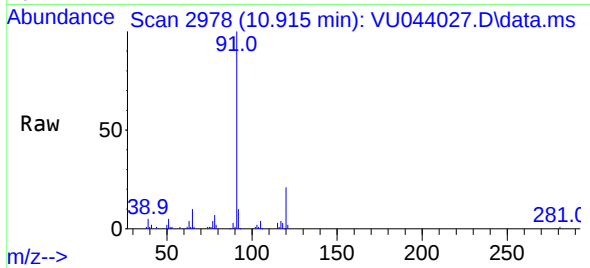
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 9918  |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 175.1 | 0.0   | 357.8 |
| 158      | 96.8  | 0.0   | 196.4 |





#73  
n-propylbenzene  
Concen: 1.582 ug/l  
RT: 10.915 min Scan# 2978  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

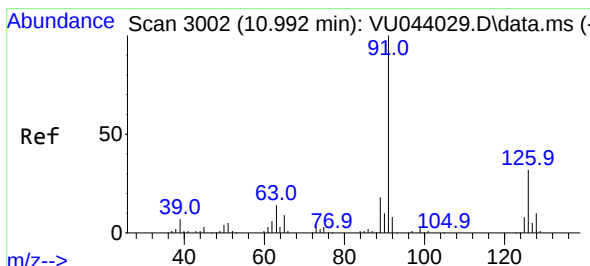
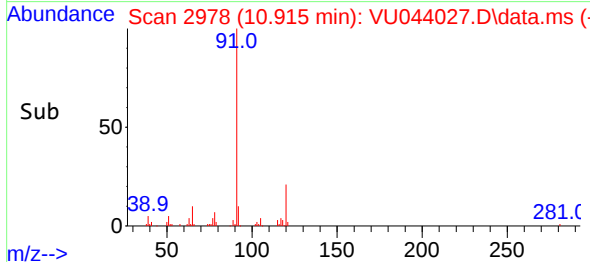
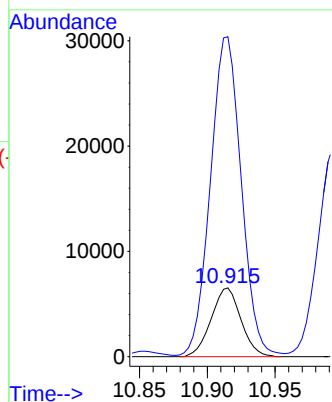
Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC002



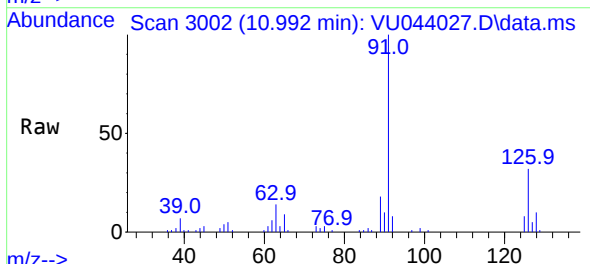
Tgt Ion:120 Resp: 9979  
Ion Ratio Lower Upper  
120 100  
91 477.1 363.8 545.6

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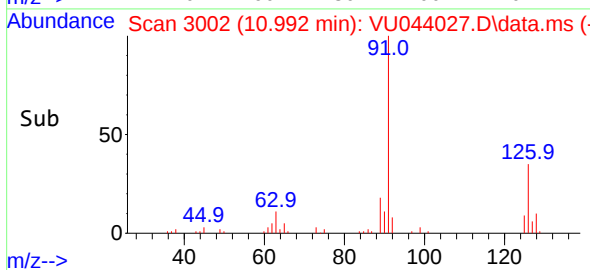
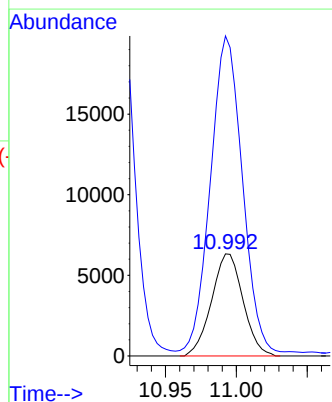
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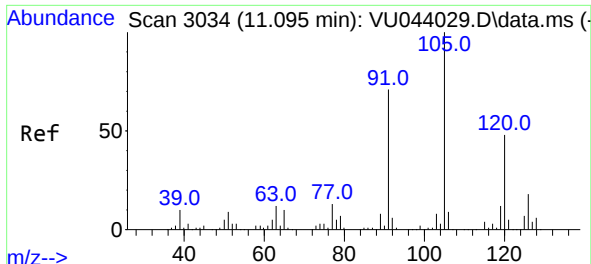


#74  
2-Chlorotoluene  
Concen: 1.717 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion:126 Resp: 9784  
Ion Ratio Lower Upper  
126 100  
91 313.3 0.0 619.4





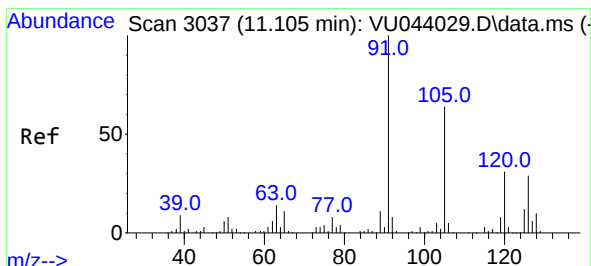
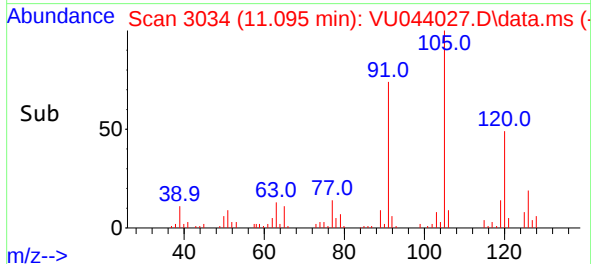
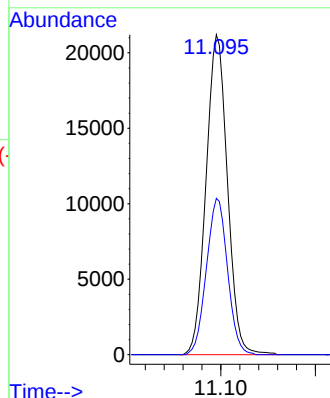
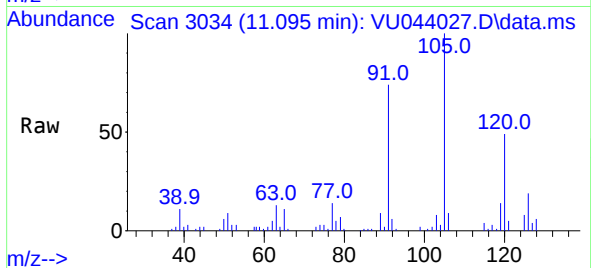
#75  
1,3,5-Trimethylbenzene  
Concen: 1.659 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion:105 Resp: 33258  
Ion Ratio Lower Upper  
105 100  
120 48.2 38.4 57.6

Instrument :  
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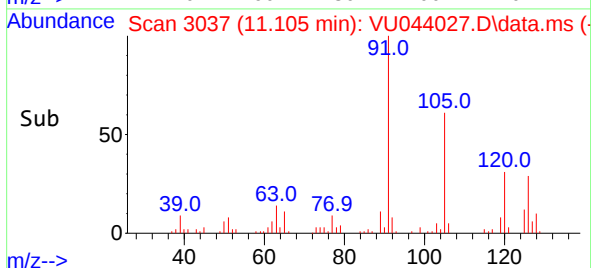
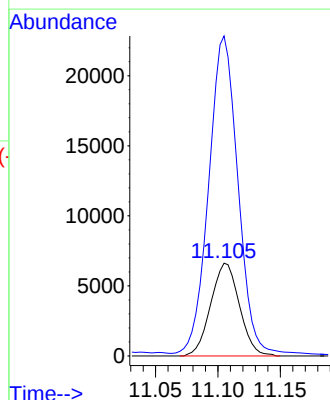
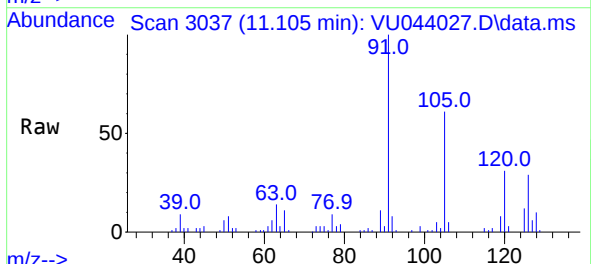
Manual Integrations  
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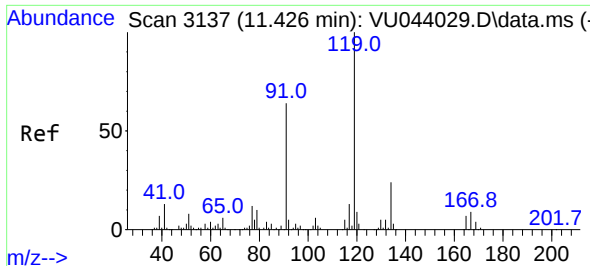
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#76  
4-Chlorotoluene  
Concen: 1.762 ug/l  
RT: 11.105 min Scan# 3037  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

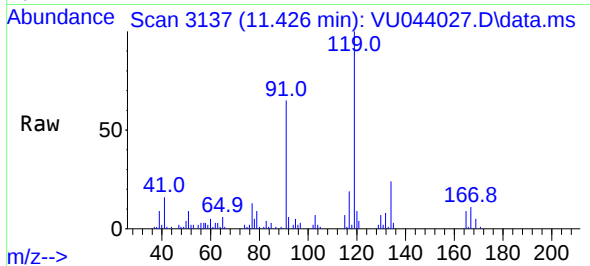
Tgt Ion:126 Resp: 10616  
Ion Ratio Lower Upper  
126 100  
91 357.4 0.0 705.0





#77  
tert-Butylbenzene  
Concen: 1.606 ug/l  
RT: 11.426 min Scan# 3137  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

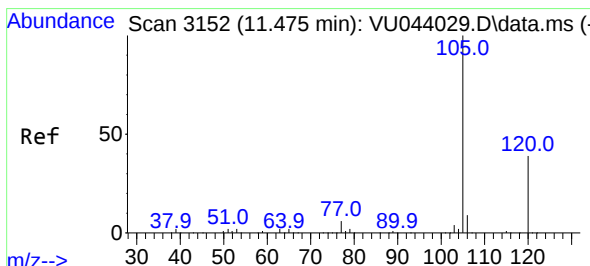
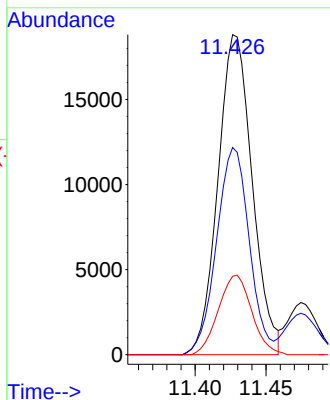
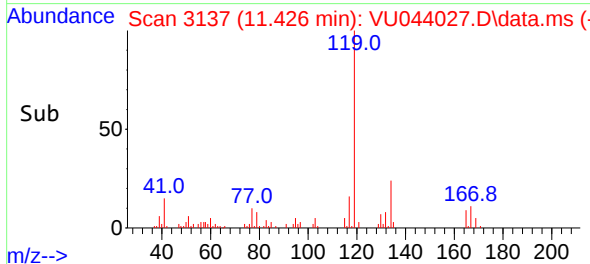
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002



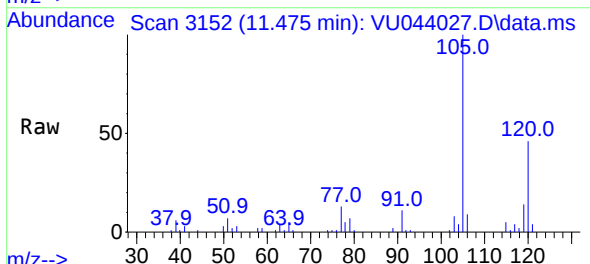
Tgt Ion:119 Resp: 31714  
Ion Ratio Lower Upper  
119 100  
91 61.8 30.4 91.3  
134 24.2 18.8 28.2

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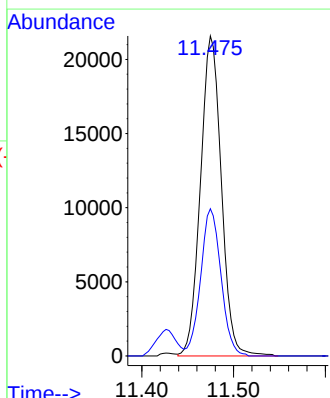
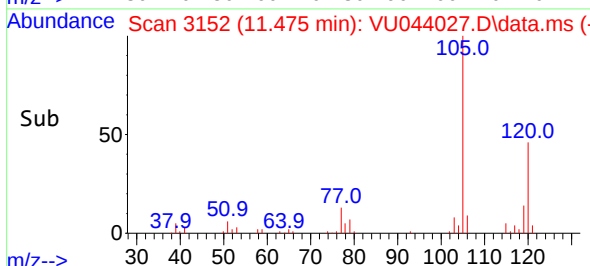
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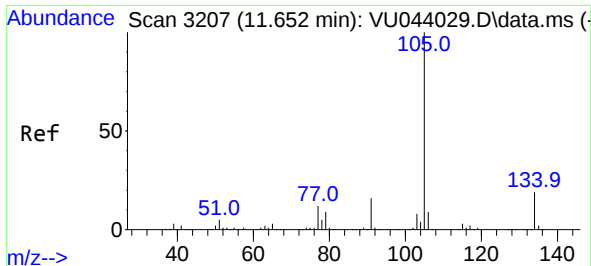


#78  
1,2,4-Trimethylbenzene  
Concen: 1.650 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion:105 Resp: 34186  
Ion Ratio Lower Upper  
105 100  
120 44.8 22.4 67.0





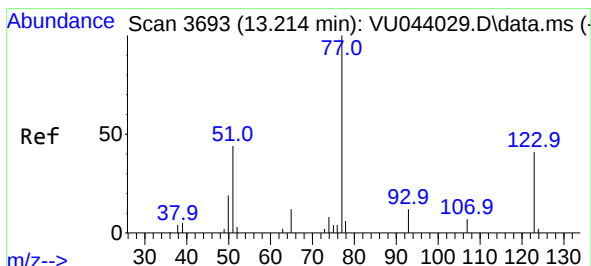
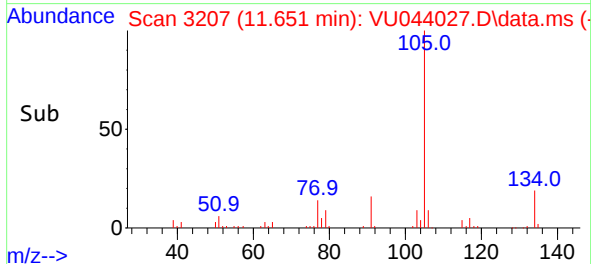
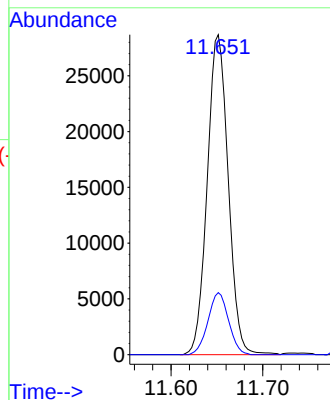
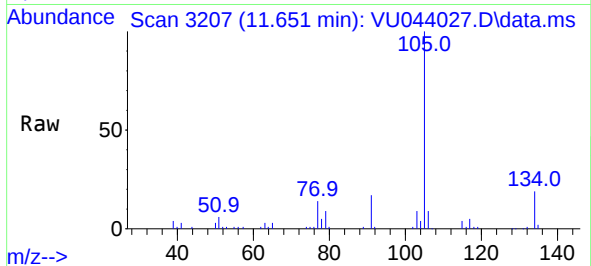
#79  
sec-Butylbenzene  
Concen: 1.699 ug/l  
RT: 11.651 min Scan# 3207  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

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ClientSampled :  
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Tgt Ion:105 Resp: 45627  
Ion Ratio Lower Upper  
105 100  
134 19.0 15.2 22.8

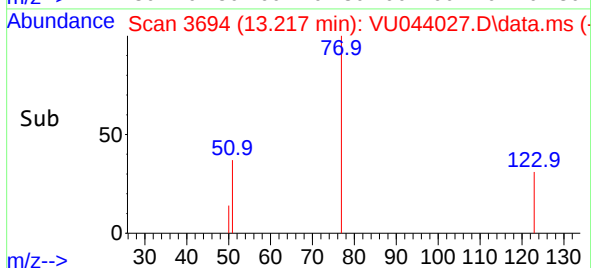
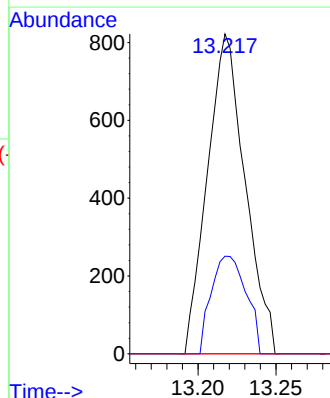
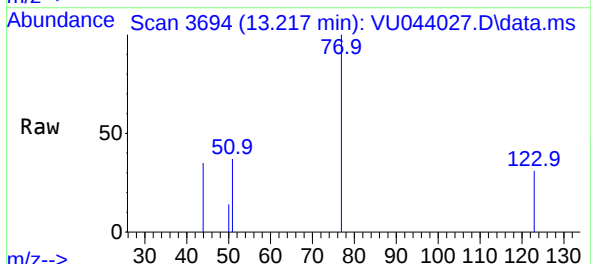
Manual Integrations  
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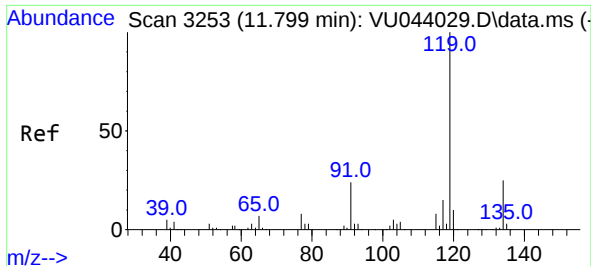
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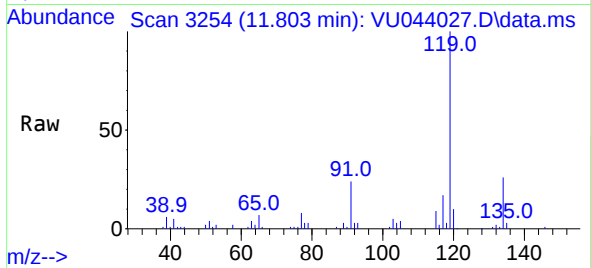
#80  
Nitrobenzene  
Concen: 9.632 ug/l  
RT: 13.217 min Scan# 3694  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

Tgt Ion: 77 Resp: 1382  
Ion Ratio Lower Upper  
77 100  
123 28.3 17.8 63.0  
65 0.0 9.9 12.7#





#81  
p-Isopropyltoluene  
Concen: 1.589 ug/l  
RT: 11.803 min Scan# 3254  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

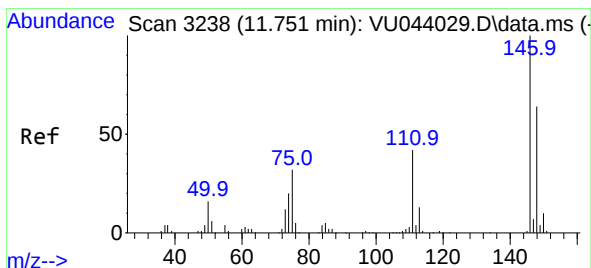
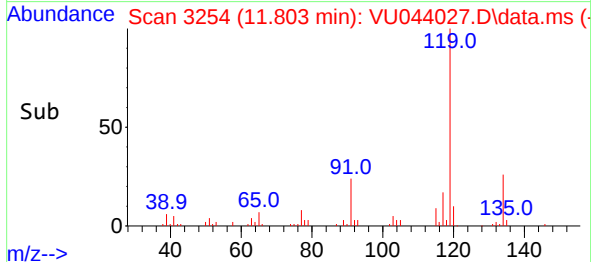
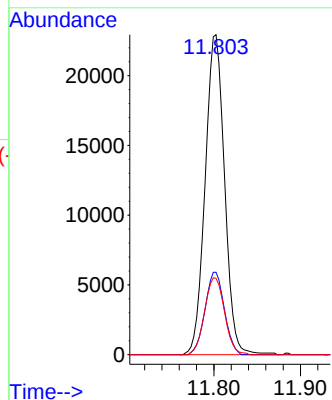


Tgt Ion:119 Resp: 35746  
Ion Ratio Lower Upper  
119 100  
134 25.6 20.6 30.8  
91 24.6 19.2 28.8

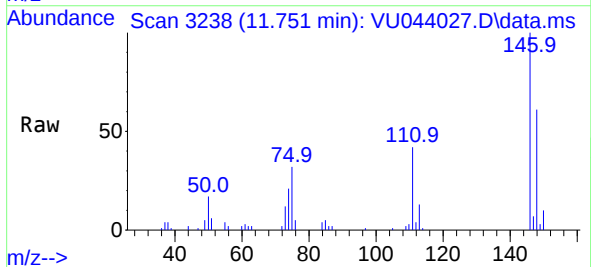
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MSVOA\_U  
ClientSampleId :  
VSTDIC002

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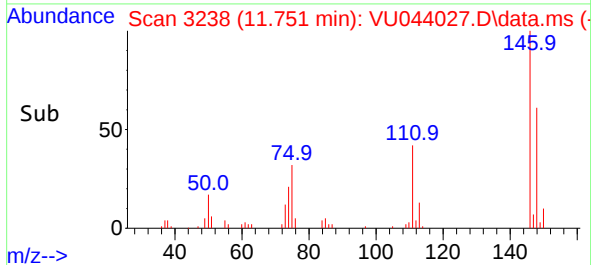
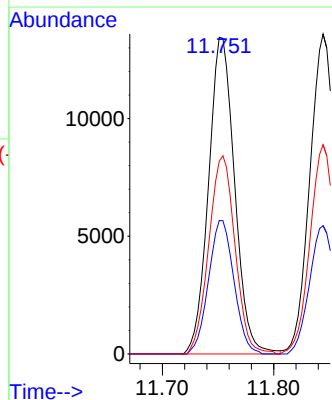
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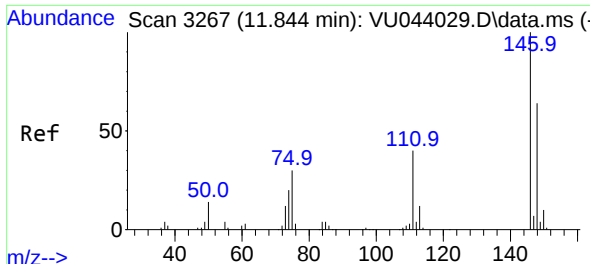


#82  
1,3-Dichlorobenzene  
Concen: 1.766 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

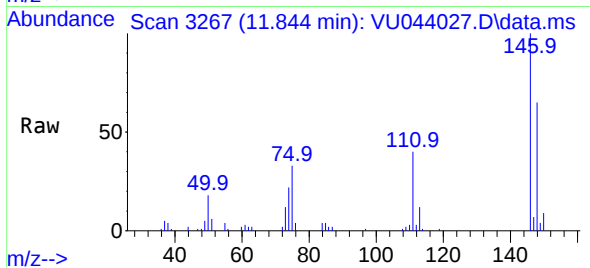


Tgt Ion:146 Resp: 21886  
Ion Ratio Lower Upper  
146 100  
111 41.0 33.2 49.8  
148 63.0 51.0 76.6

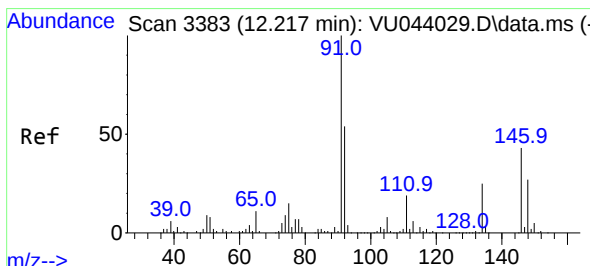
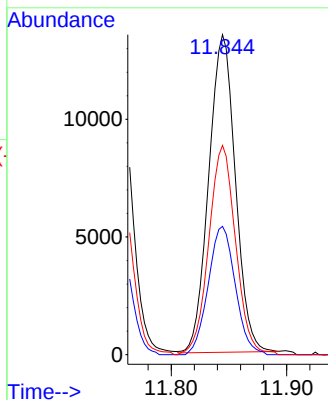
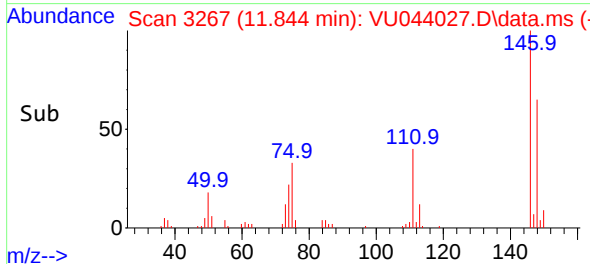




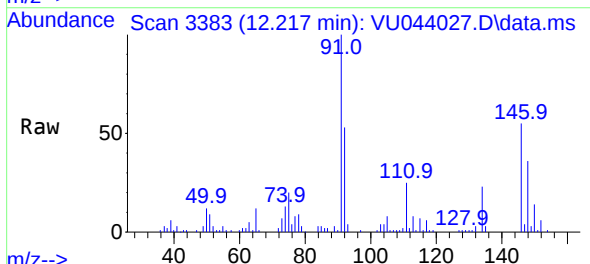
#83  
1,4-Dichlorobenzene  
Concen: 1.737 ug/l  
RT: 11.844 min Scan# 3267  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



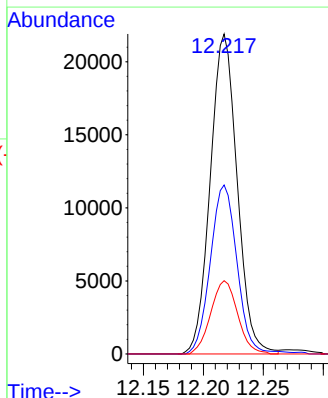
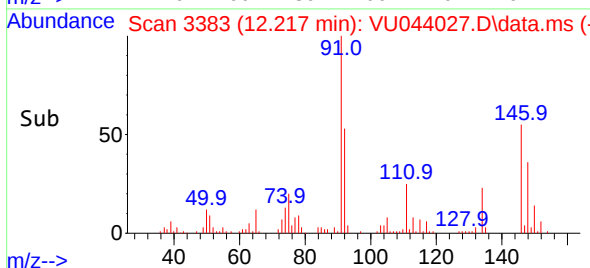
Tgt Ion:146 Resp: 21618  
Ion Ratio Lower Upper  
146 100  
111 40.9 31.9 47.9  
148 66.4 50.8 76.2



#84  
n-Butylbenzene  
Concen: 1.578 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



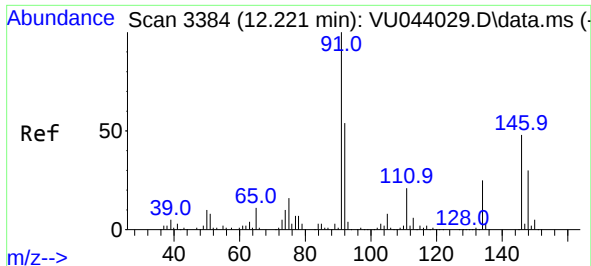
Tgt Ion: 91 Resp: 34102  
Ion Ratio Lower Upper  
91 100  
92 52.5 43.0 64.6  
134 22.9 19.3 28.9



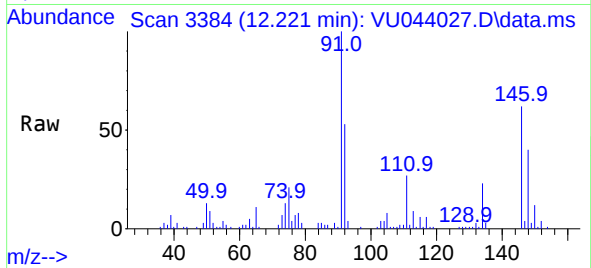
Instrument :  
MSVOA\_U  
ClientSampled :  
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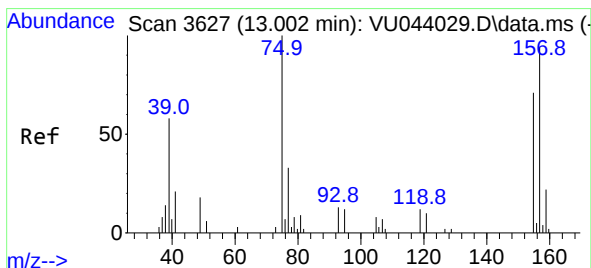
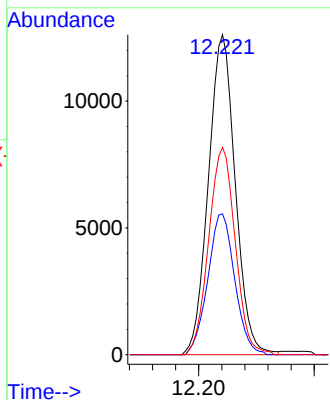
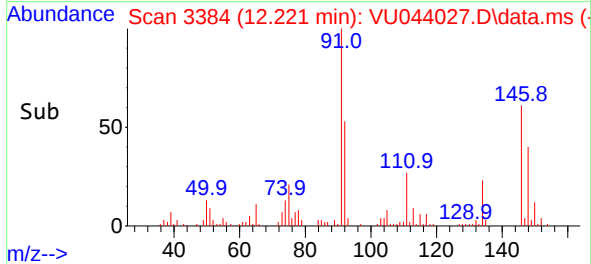
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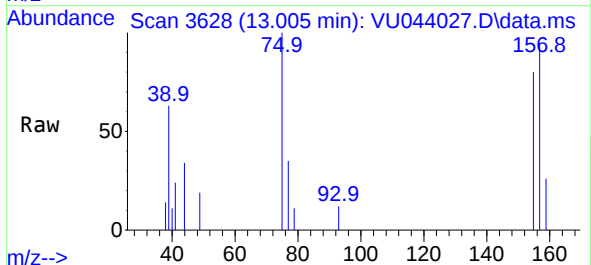
#85  
1,2-Dichlorobenzene  
Concen: 1.682 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



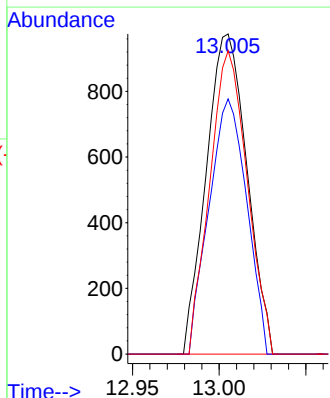
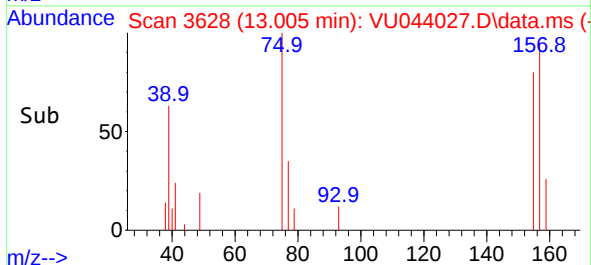
Tgt Ion: 146 Resp: 20363  
Ion Ratio Lower Upper  
146 100  
111 44.1 21.8 65.4  
148 64.1 31.8 95.4



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 1.667 ug/l  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.003 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



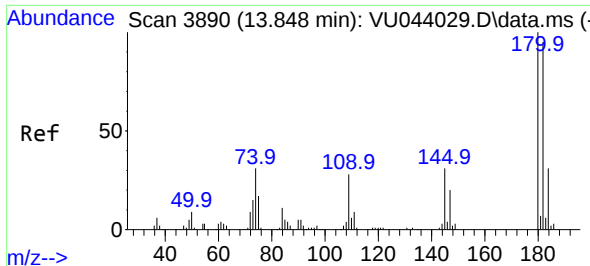
Tgt Ion: 75 Resp: 1594  
Ion Ratio Lower Upper  
75 100  
155 73.8 59.6 89.4  
157 87.3 76.6 114.8



Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

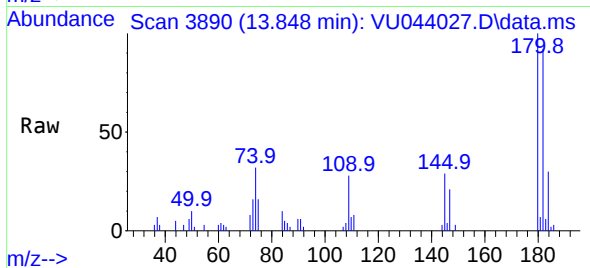
Manual Integrations  
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#87  
1,2,4-Trichlorobenzene  
Concen: 1.346 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

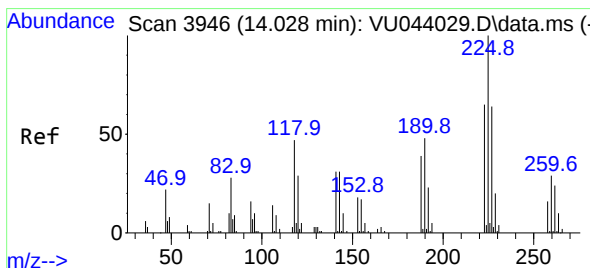
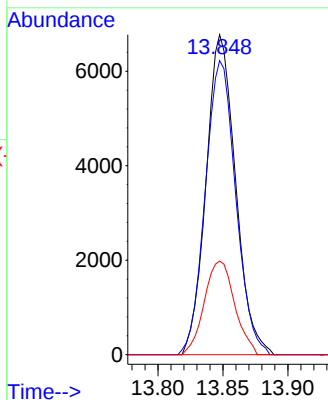
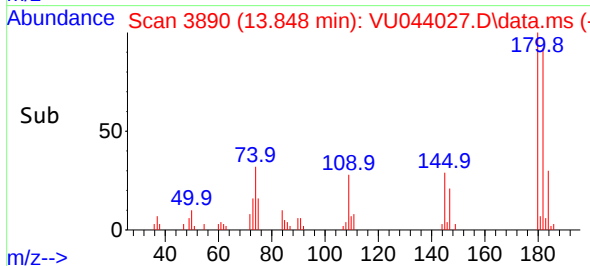
Instrument :  
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ClientSampleId :  
VSTDIC002



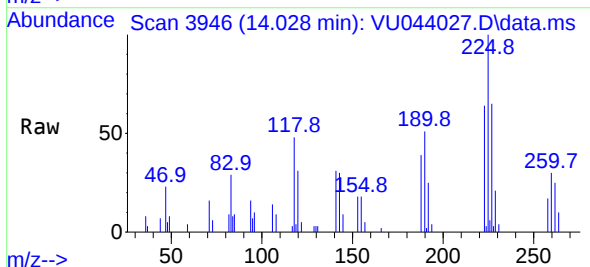
Tgt Ion:180 Resp: 10687  
Ion Ratio Lower Upper  
180 100  
182 94.9 75.4 113.2  
145 30.1 24.7 37.1

Manual Integrations  
APPROVED

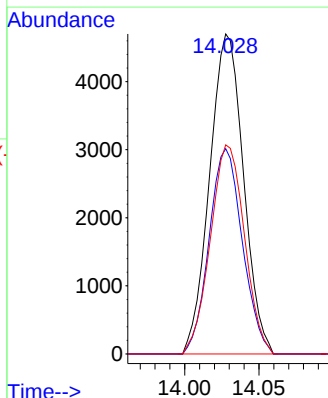
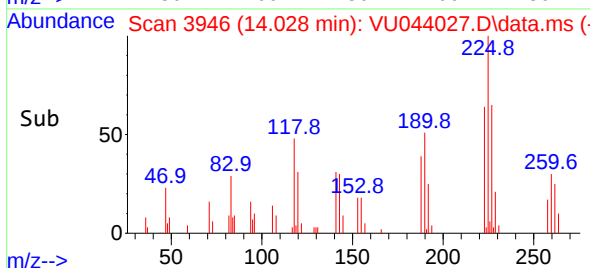
SAM  
6/3/2021 5:47:33 PM

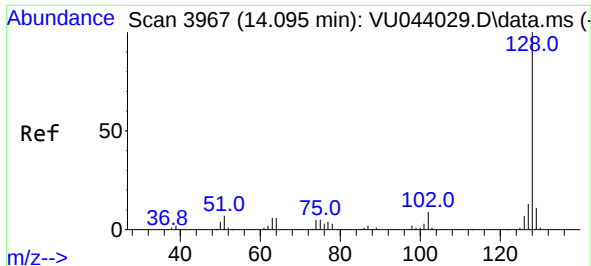


#88  
Hexachlorobutadiene  
Concen: 1.400 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04

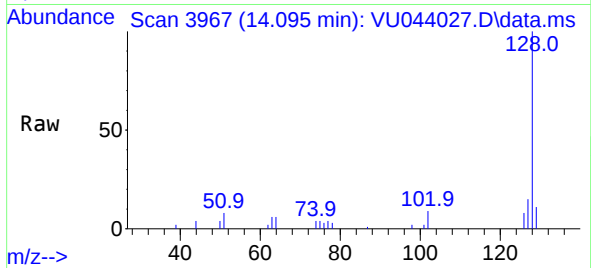


Tgt Ion:225 Resp: 7452  
Ion Ratio Lower Upper  
225 100  
223 63.1 51.7 77.5  
227 65.8 52.0 78.0

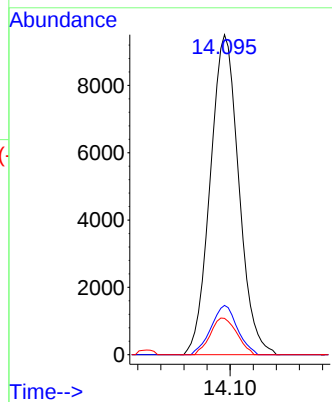
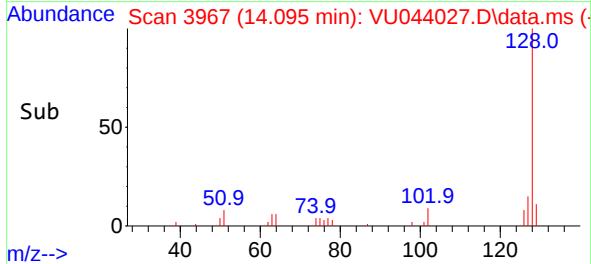




#89  
Naphthalene  
Concen: 1.252 ug/l  
RT: 14.095 min Scan# 3967  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



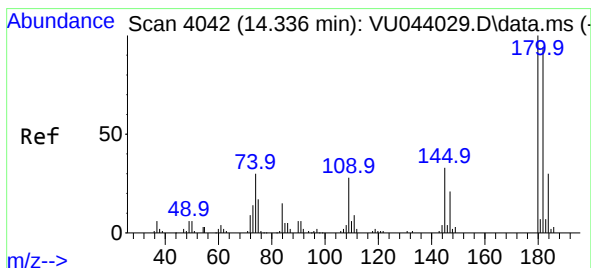
Tgt Ion:128 Resp: 16319  
Ion Ratio Lower Upper  
128 100  
127 14.2 10.2 15.4  
129 10.6 8.6 12.8



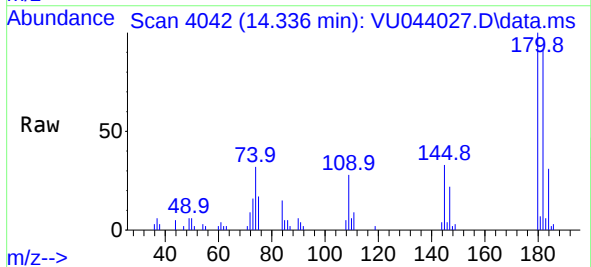
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

Manual Integrations  
APPROVED

SAM  
6/3/2021 5:47:33 PM



#90  
1,2,3-Trichlorobenzene  
Concen: 1.377 ug/l  
RT: 14.336 min Scan# 4042  
Delta R.T. -0.000 min  
Lab File: VU044027.D  
Acq: 02 Jun 2021 18:04



Tgt Ion:180 Resp: 10446  
Ion Ratio Lower Upper  
180 100  
182 92.1 75.2 112.8  
145 31.8 26.9 40.3

