

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012721\  
 Data File : VY003945.D  
 Acq On : 27 Jan 2021 11:53  
 Operator : SY/MD  
 Sample : VSTDIC010  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC010

Manual Integrations  
 APPROVED

MMDadoda  
 1/28/2021 2:12:52 PM

Quant Time: Jan 28 10:18:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 28 04:46:32 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 7.801          | 168  | 100891     | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 154251     | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.490         | 117  | 143210     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 76775      | 50.00   | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.155          | 65   | 16679      | 10.47   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 20.94%# |        |          |
| 35) Dibromofluoromethane     | 7.728          | 113  | 13880      | 10.50   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 21.00%# |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 55633      | 10.39   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 20.78%# |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 19998      | 10.66   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 21.32%# |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.912          | 85   | 16361      | 12.39   | ug/l   | 97       |
| 3) Chloromethane             | 2.119          | 50   | 25010      | 10.56   | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.260          | 62   | 23955      | 11.18   | ug/l   | 97       |
| 5) Bromomethane              | 2.656          | 94   | 17867      | 10.56   | ug/l   | 95       |
| 6) Chloroethane              | 2.802          | 64   | 13148      | 9.62    | ug/l   | 91       |
| 7) Trichlorofluoromethane    | 3.137          | 101  | 28670      | 11.62   | ug/l   | 93       |
| 8) Diethyl Ether             | 3.540          | 74   | 8399       | 10.51   | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912          | 101  | 14511      | 11.01   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.107          | 142  | 10908      | 9.56    | ug/l   | 98       |
| 11) Tert butyl alcohol       | 4.966          | 59   | 10745      | 44.37   | ug/l # | 91       |
| 12) 1,1-Dichloroethene       | 3.881          | 96   | 15134      | 11.68   | ug/l   | 97       |
| 13) Acrolein                 | 3.747          | 56   | 7298       | 47.71   | ug/l   | 89       |
| 14) Allyl chloride           | 4.503          | 41   | 27684      | 10.63   | ug/l   | 97       |
| 15) Acrylonitrile            | 5.180          | 53   | 22259      | 54.33   | ug/l   | 98       |
| 16) Acetone                  | 3.960          | 43   | 21308      | 53.59   | ug/l   | 90       |
| 17) Carbon Disulfide         | 4.210          | 76   | 46194      | 11.00   | ug/l   | 96       |
| 18) Methyl Acetate           | 4.497          | 43   | 11724      | 10.47   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.228          | 73   | 40673      | 10.52   | ug/l   | 98       |
| 20) Methylene Chloride       | 4.729          | 84   | 20071      | 10.13   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.235          | 96   | 16305      | 10.99   | ug/l   | 91       |
| 22) Diisopropyl ether        | 6.137          | 45   | 57781      | 10.95   | ug/l # | 91       |
| 23) Vinyl Acetate            | 6.076          | 43   | 182097     | 53.16   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.033          | 63   | 29819      | 10.96   | ug/l   | 98       |
| 25) 2-Butanone               | 7.003          | 43   | 29136      | 50.06   | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 6.996          | 77   | 27801      | 11.13   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.003          | 96   | 18743      | 11.20   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.350          | 49   | 12919      | 11.20   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.362          | 42   | 19617      | 51.87   | ug/l   | 99       |
| 30) Chloroform               | 7.521          | 83   | 29820      | 10.95   | ug/l   | 97       |
| 31) Cyclohexane              | 7.795          | 56   | 30296      | 11.21   | ug/l # | 93       |
| 32) 1,1,1-Trichloroethane    | 7.716          | 97   | 27335      | 11.00   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 7.929          | 75   | 23844      | 11.15   | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.088          | 43   | 13800      | 10.24   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 7.911          | 117  | 25024      | 10.85   | ug/l   | 94       |
| 39) Methylcyclohexane        | 9.191          | 83   | 28115      | 10.36   | ug/l   | 92       |
| 40) Benzene                  | 8.167          | 78   | 66360      | 10.73   | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012721\  
 Data File : VY003945.D  
 Acq On : 27 Jan 2021 11:53  
 Operator : SY/MD  
 Sample : VSTDIC010  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC010

Manual Integrations  
 APPROVED

MMDadoda  
 1/28/2021 2:12:52 PM

Quant Time: Jan 28 10:18:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 28 04:46:32 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 10893    | 13.58  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.252  | 62   | 21472    | 10.70  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 26362    | 10.30  | ug/l   | 97       |
| 44) Trichloroethene           | 8.947  | 130  | 17820    | 10.73  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 17497    | 10.95  | ug/l   | 99       |
| 46) Dibromomethane            | 9.313  | 93   | 8970     | 10.49  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.502  | 83   | 23501    | 10.59  | ug/l   | 90       |
| 48) Methyl methacrylate       | 9.295  | 41   | 12498    | 10.20  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 1772     | 194.10 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 67459    | 49.86  | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 41752    | 10.70  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 23866    | 10.26  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 27878    | 10.77  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 12500    | 10.41  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 16287    | 9.49   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 22039    | 10.39  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 46198    | 54.08  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.837 | 43   | 46257    | 49.51  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.990 | 129  | 16054    | 10.64  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 12047    | 10.35  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 19046    | 10.71  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.520 | 112  | 43558    | 10.59  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 16827    | 10.65  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 81389    | 10.58  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 61163    | 21.34  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 28843    | 10.65  | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 47477    | 10.24  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 10354    | 10.55  | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.331 | 105  | 79216    | 10.71  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.142 | 43   | 23742    | 10.23  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 13812    | 10.05  | ug/l   | 91       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 21306    | 21.04  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 19751    | 10.81  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 97164    | 10.89  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 53706    | 10.73  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 69391    | 10.83  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 5286     | 9.70   | ug/l   | 84       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 59220    | 11.22  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 55007    | 10.48  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 67655    | 10.61  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 77433    | 10.60  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 70703    | 10.51  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 36507    | 10.54  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 36105    | 10.66  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.696 | 91   | 70567    | 11.05  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 13620    | 11.11  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 34380    | 11.26  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 2531     | 9.64   | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 22716    | 10.78  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 15569    | 11.53  | ug/l   | 97       |
| 95) Naphthalene               | 15.233 | 128  | 40612    | 10.28  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 19889    | 10.80  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012721\  
Data File : VY003945.D  
Acq On : 27 Jan 2021 11:53  
Operator : SY/MD  
Sample : VSTDIC010  
Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

Manual Integrations  
APPROVED

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1/28/2021 2:12:52 PM

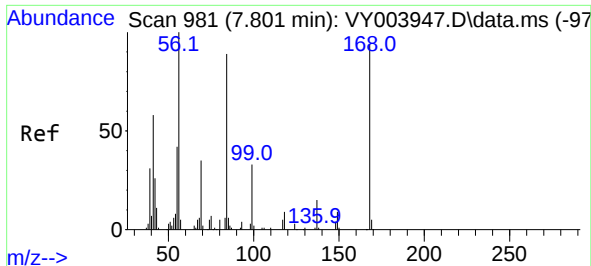
Quant Time: Jan 28 10:18:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012721S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 28 04:46:32 2021  
Response via : Initial Calibration

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

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

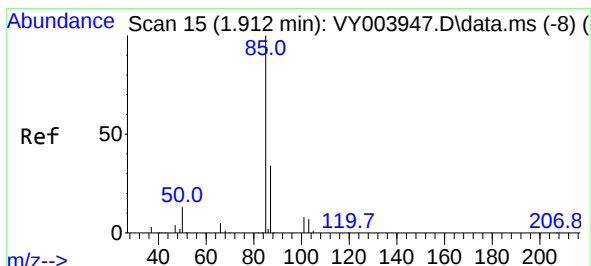
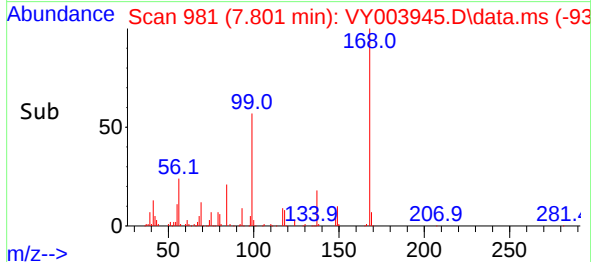
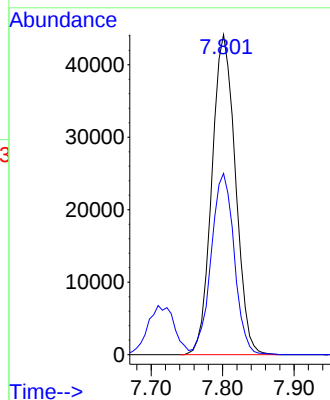
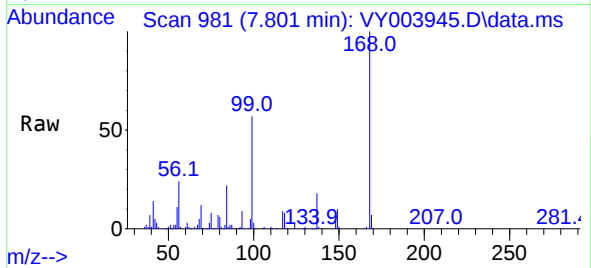
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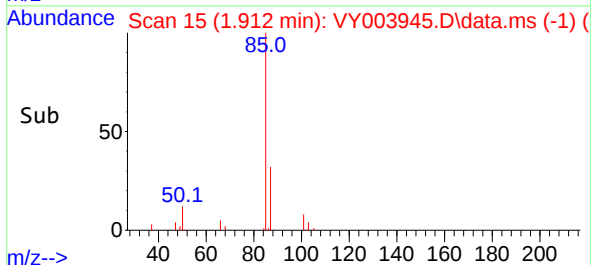
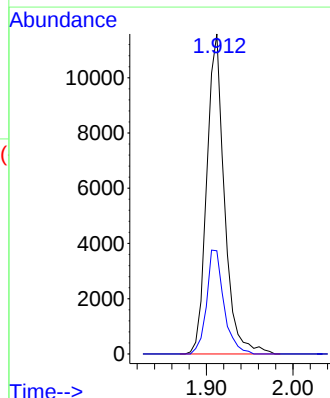
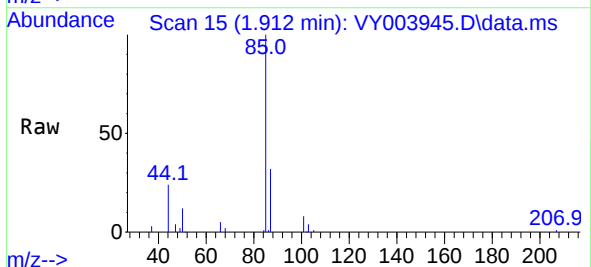
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion:168 Resp: 100891  
Ion Ratio Lower Upper  
168 100  
99 56.6 46.1 69.1



#2  
Dichlorodifluoromethane  
Concen: 12.39 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 85 Resp: 16361  
Ion Ratio Lower Upper  
85 100  
87 32.2 17.0 51.0

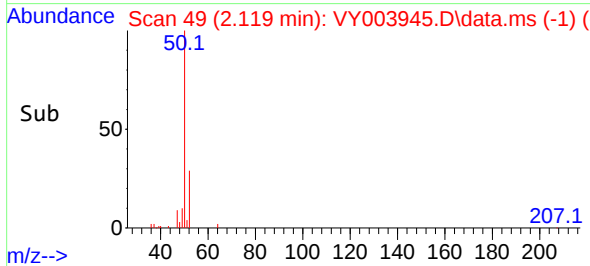
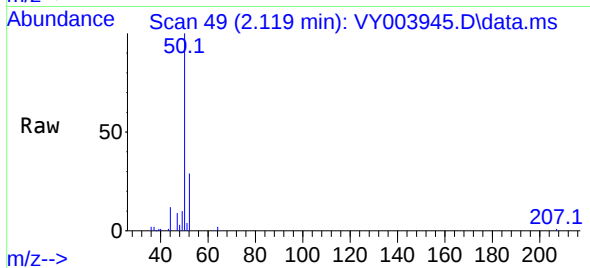
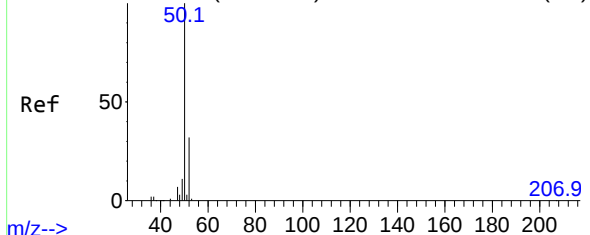


Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

Manual Integrations  
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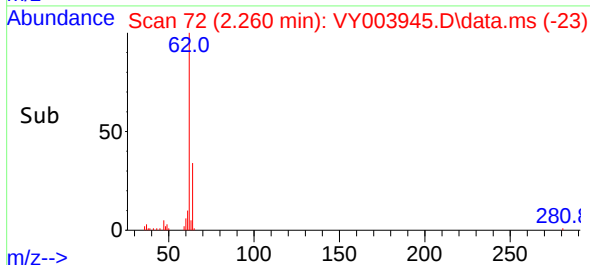
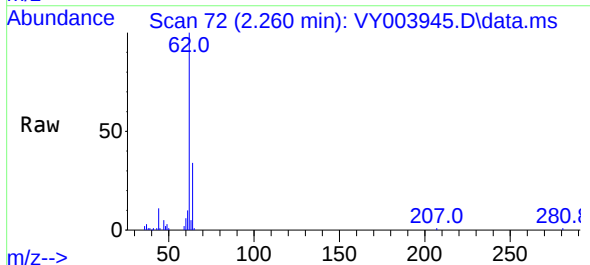
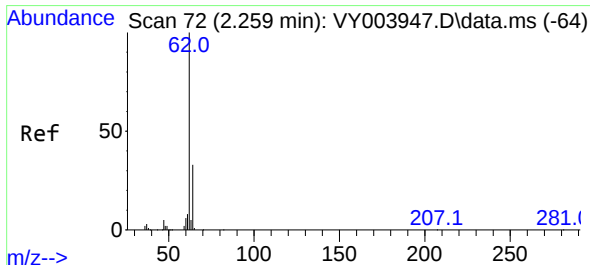
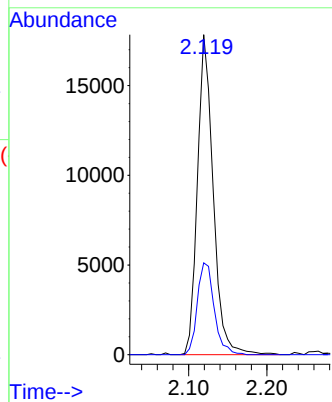
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1/28/2021 2:12:52 PM

Abundance Scan 49 (2.119 min): VY003947.D\data.ms (-42)



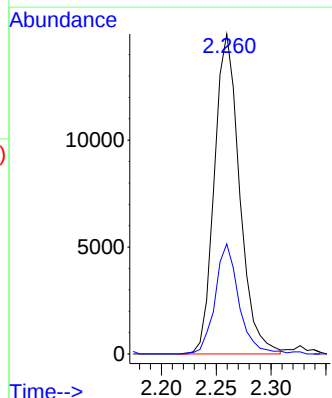
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Chloromethane  
Concen: 10.56 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 50 Resp: 25010  
Ion Ratio Lower Upper  
50 100  
52 28.7 25.2 37.8



#4  
Vinyl Chloride  
Concen: 11.18 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.001 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

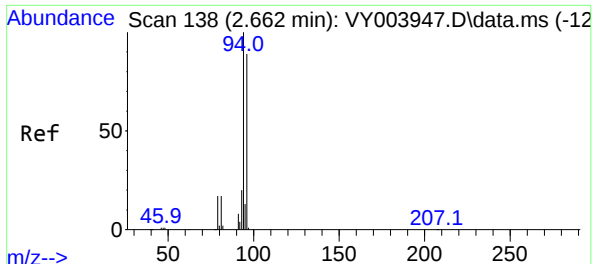
Tgt Ion: 62 Resp: 23955  
Ion Ratio Lower Upper  
62 100  
64 34.4 26.2 39.2



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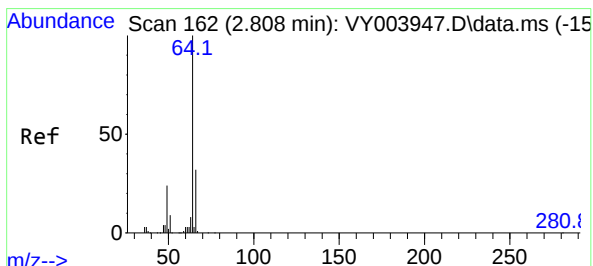
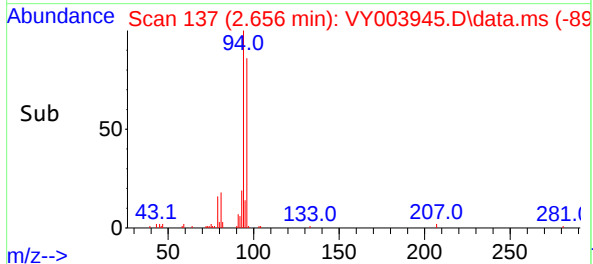
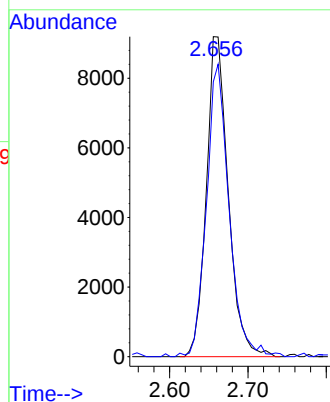
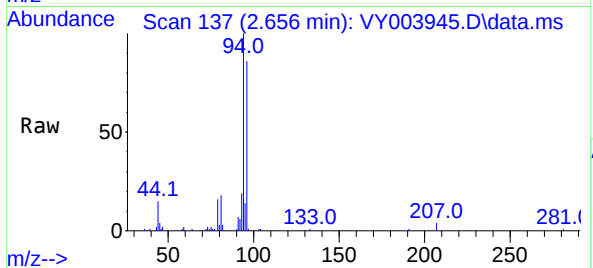
#5  
Bromomethane  
Concen: 10.56 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 94 Resp: 17867  
Ion Ratio Lower Upper  
94 100  
96 85.0 71.4 107.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

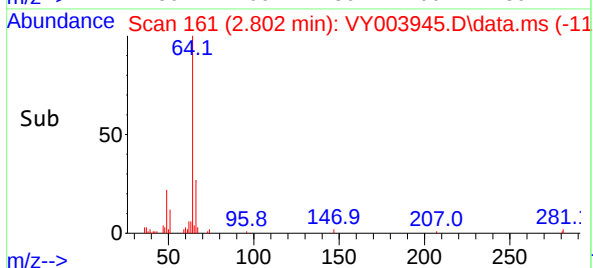
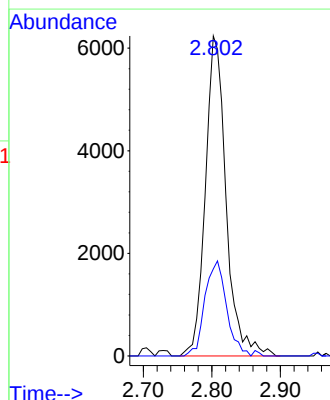
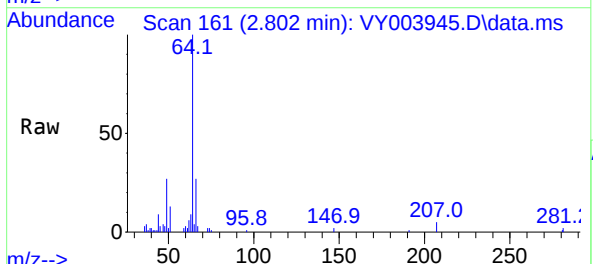
Manual Integrations  
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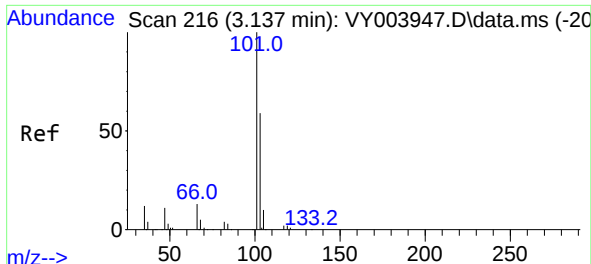
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1/28/2021 2:12:52 PM



#6  
Chloroethane  
Concen: 9.62 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 64 Resp: 13148  
Ion Ratio Lower Upper  
64 100  
66 27.2 25.6 38.4





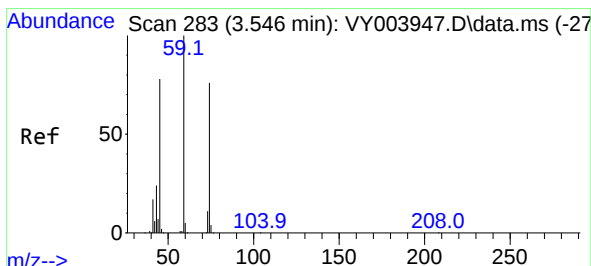
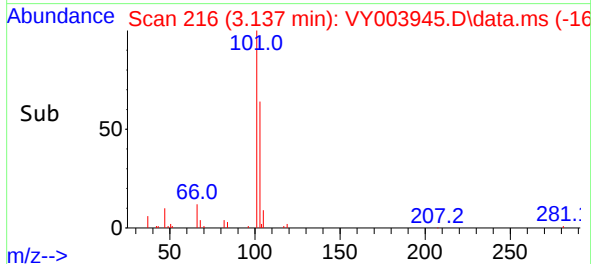
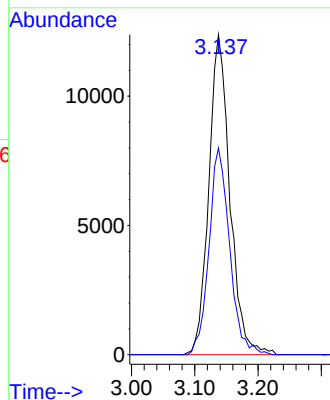
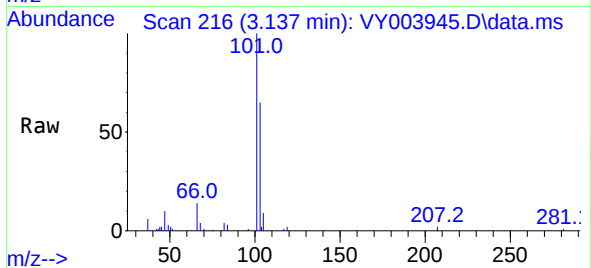
#7  
Trichlorofluoromethane  
Concen: 11.62 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 101 Resp: 28670  
Ion Ratio Lower Upper  
101 100  
103 64.6 47.4 71.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

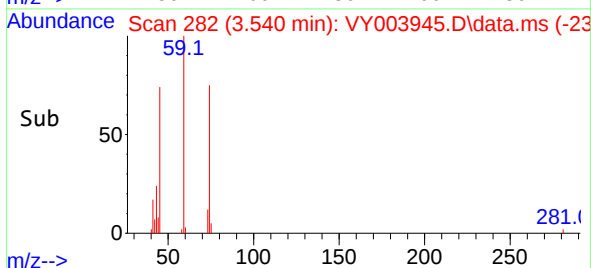
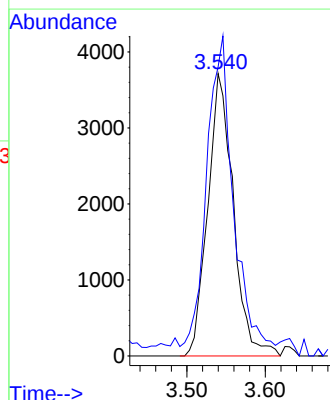
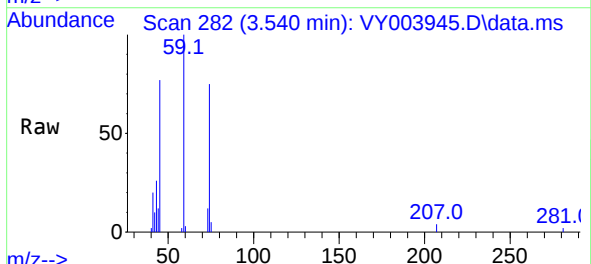
Manual Integrations  
APPROVED

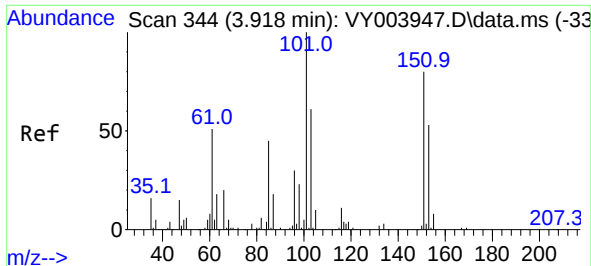
MMDadoda  
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#8  
Diethyl Ether  
Concen: 10.51 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 74 Resp: 8399  
Ion Ratio Lower Upper  
74 100  
45 113.3 53.0 159.0





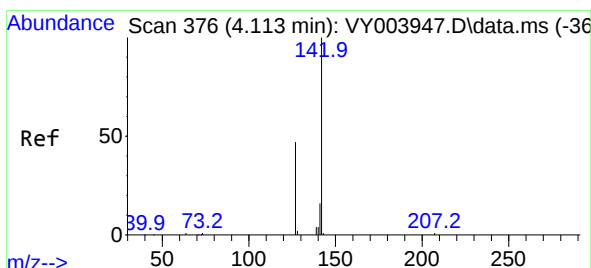
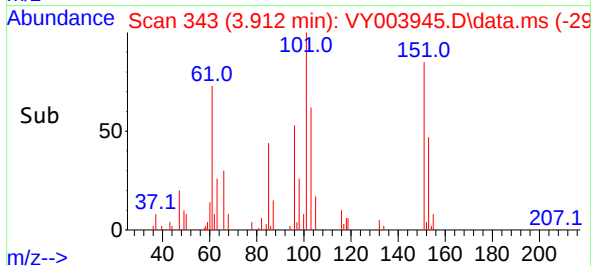
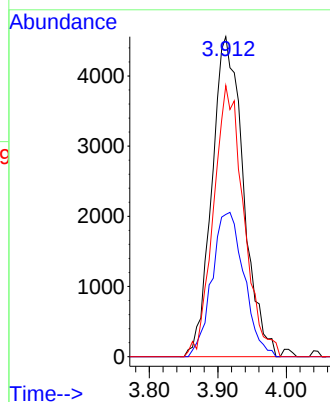
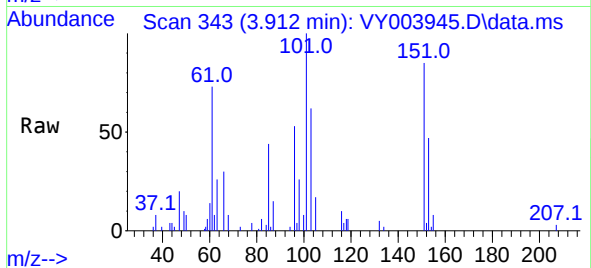
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 11.01 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 14511 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.1  | 37.0  | 55.4  |
| 151      | 81.8  | 63.6  | 95.4  |

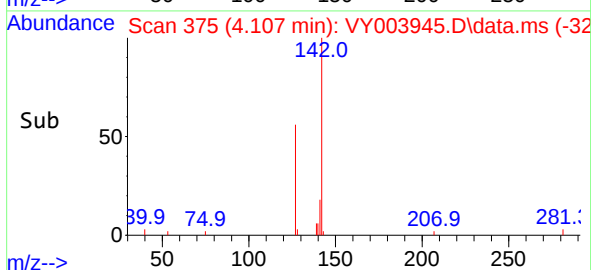
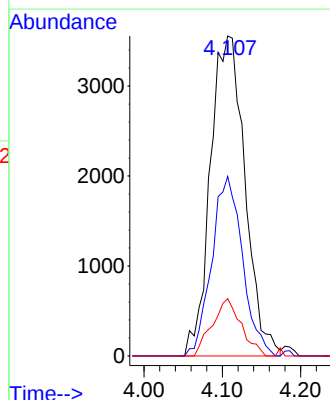
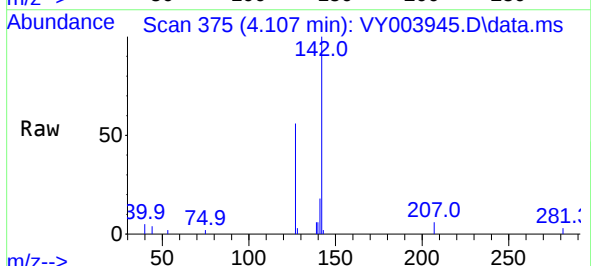
Manual Integrations  
APPROVED

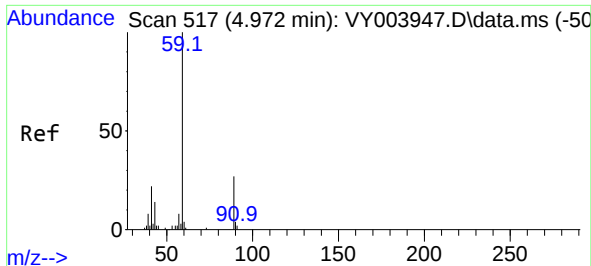
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#10  
Methyl Iodide  
Concen: 9.56 ug/l  
RT: 4.107 min Scan# 375  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 10908 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 49.9  | 38.7  | 58.1  |
| 141      | 15.0  | 12.7  | 19.1  |





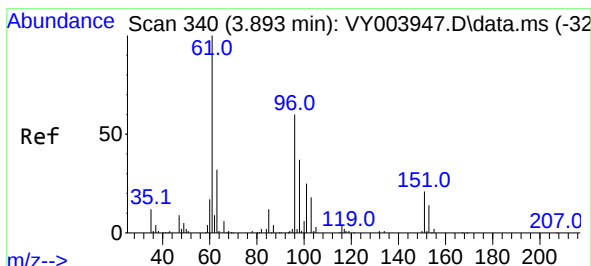
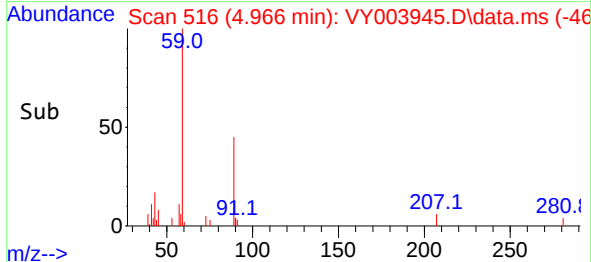
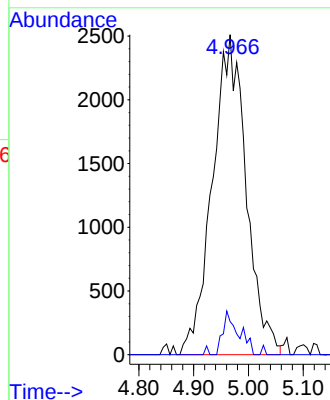
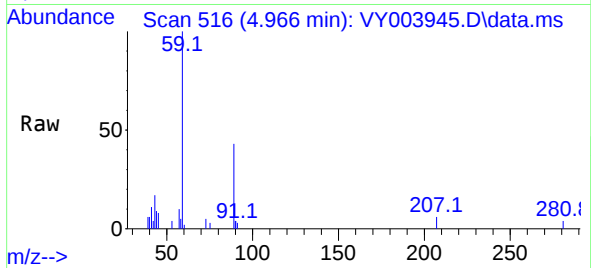
#11  
Tert butyl alcohol  
Concen: 44.37 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 59 Resp: 10745  
Ion Ratio Lower Upper  
59 100  
57 4.9 6.4 9.6#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

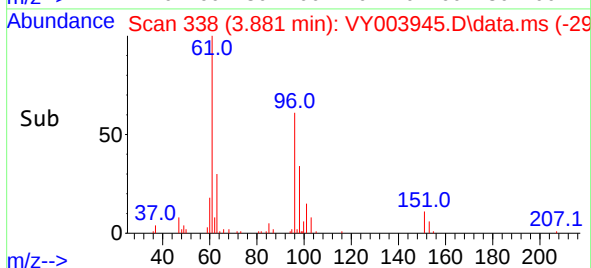
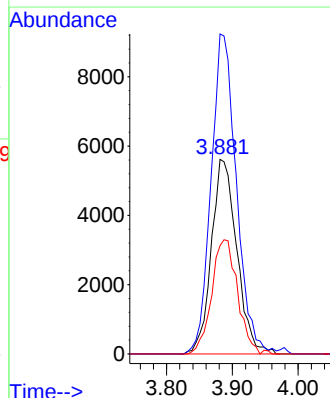
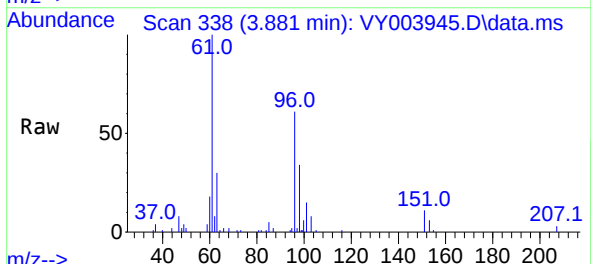
Manual Integrations  
APPROVED

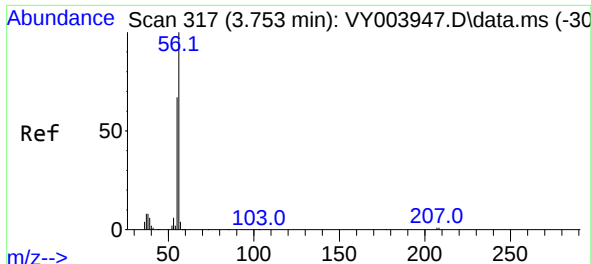
MMDadoda  
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#12  
1,1-Dichloroethene  
Concen: 11.68 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.012 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 96 Resp: 15134  
Ion Ratio Lower Upper  
96 100  
61 164.4 132.9 199.3  
98 55.7 48.6 73.0





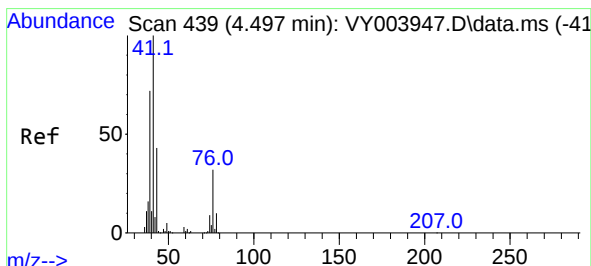
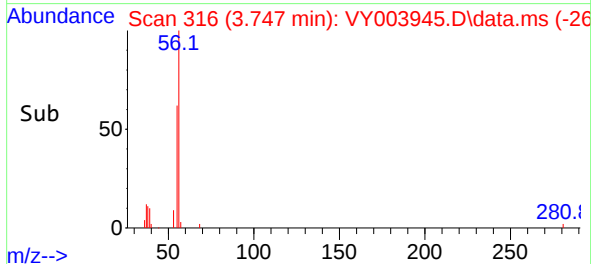
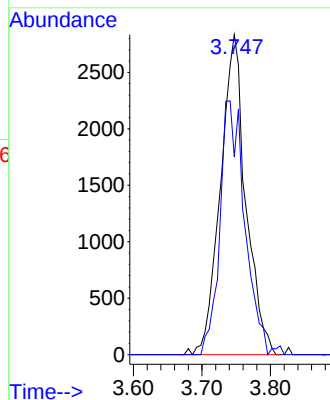
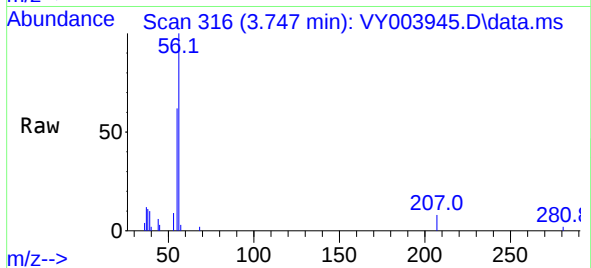
#13  
Acrolein  
Concen: 47.71 ug/l  
RT: 3.747 min Scan# 316  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 56 Resp: 7298  
Ion Ratio Lower Upper  
56 100  
55 77.7 55.0 82.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

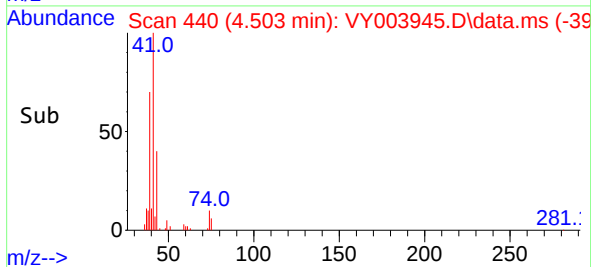
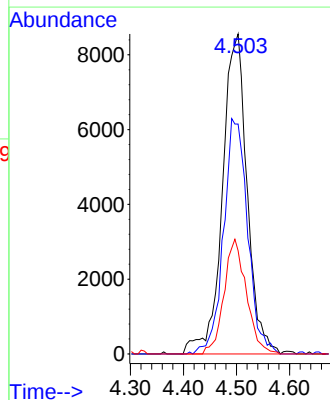
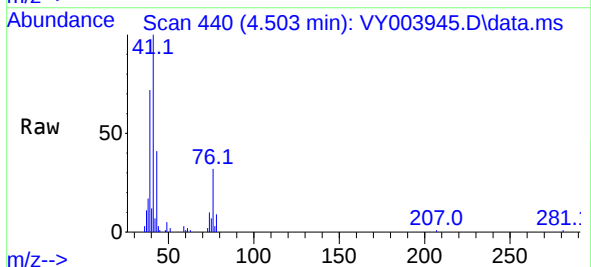
Manual Integrations  
APPROVED

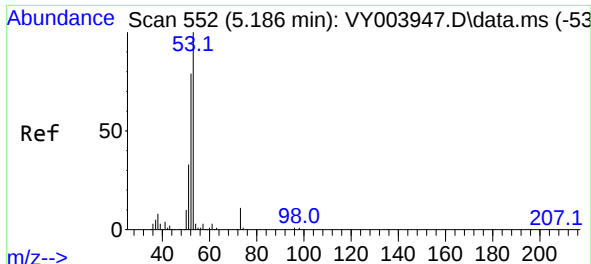
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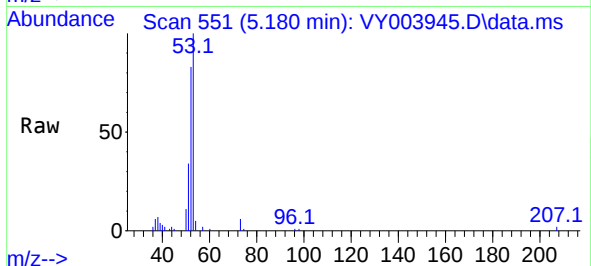
#14  
Allyl chloride  
Concen: 10.63 ug/l  
RT: 4.503 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 41 Resp: 27684  
Ion Ratio Lower Upper  
41 100  
39 71.7 55.2 82.8  
76 32.5 25.0 37.4

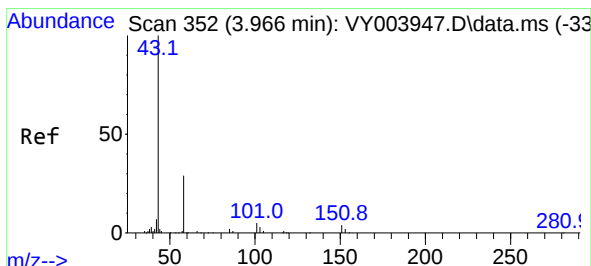
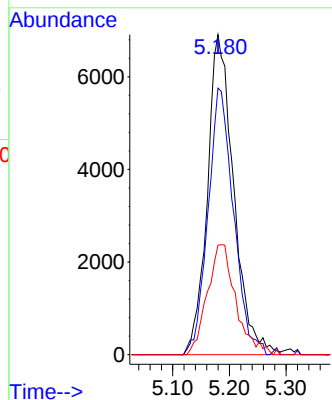
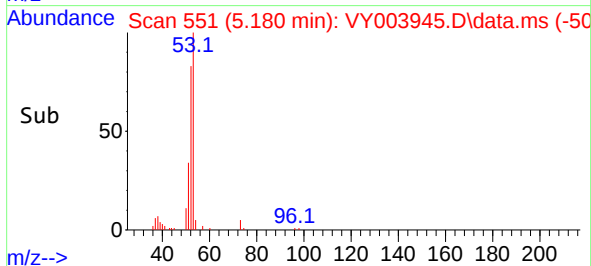




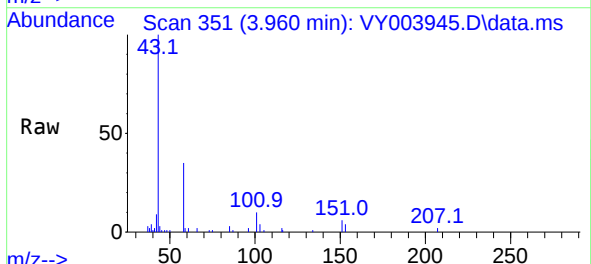
#15  
Acrylonitrile  
Concen: 54.33 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



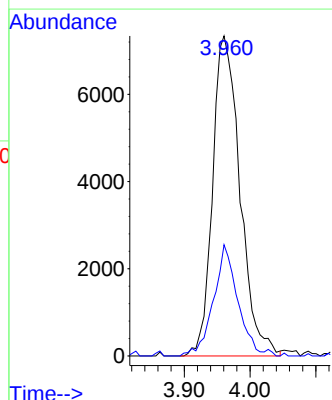
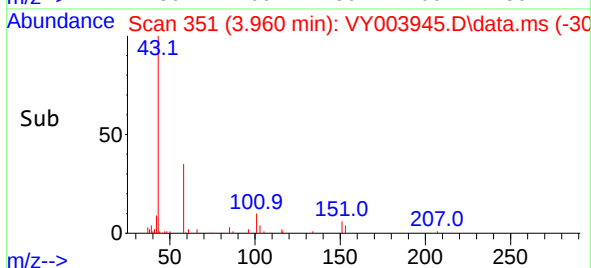
Tgt Ion: 53 Resp: 22259  
Ion Ratio Lower Upper  
53 100  
52 81.2 67.1 100.7  
51 37.3 29.3 43.9



#16  
Acetone  
Concen: 53.59 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



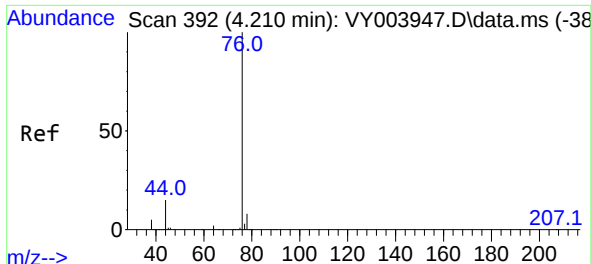
Tgt Ion: 43 Resp: 21308  
Ion Ratio Lower Upper  
43 100  
58 34.8 23.4 35.0



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

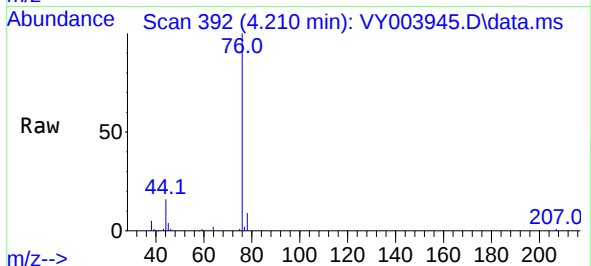
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#17  
Carbon Disulfide  
Concen: 11.00 ug/l  
RT: 4.210 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

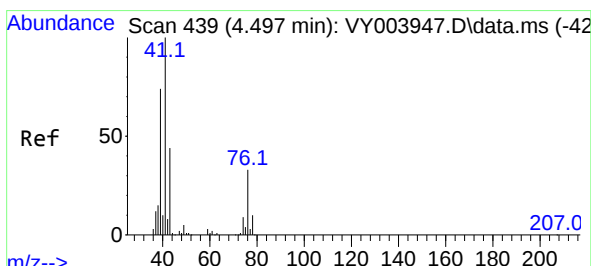
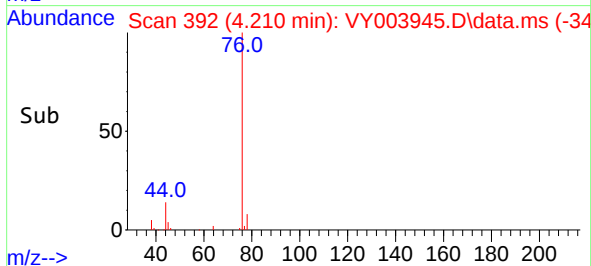
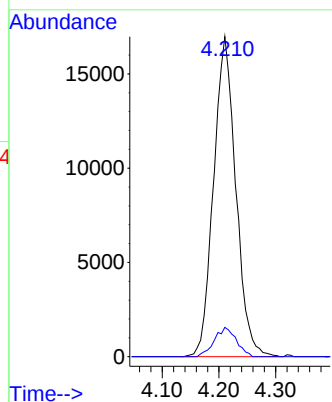
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010



Tgt Ion: 76 Resp: 46194  
Ion Ratio Lower Upper  
76 100  
78 9.2 6.3 9.5

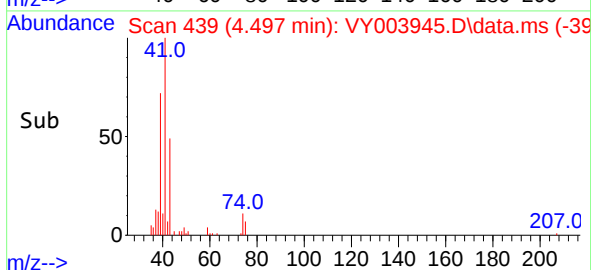
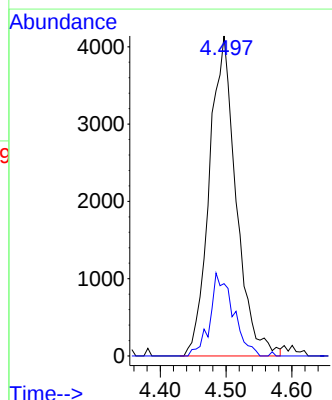
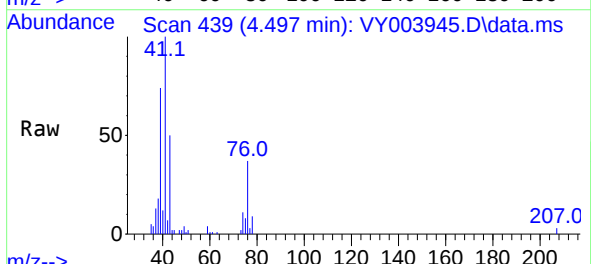
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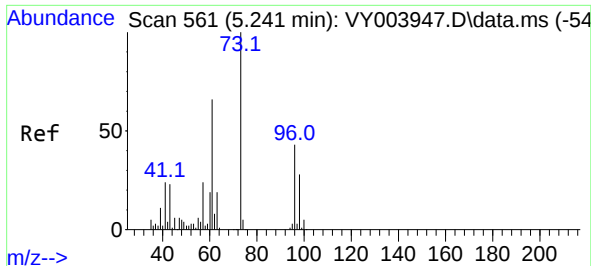
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#18  
Methyl Acetate  
Concen: 10.47 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 43 Resp: 11724  
Ion Ratio Lower Upper  
43 100  
74 22.5 16.7 25.1





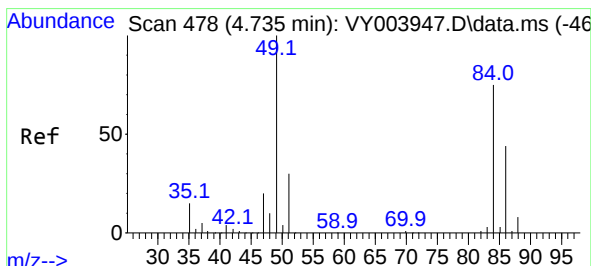
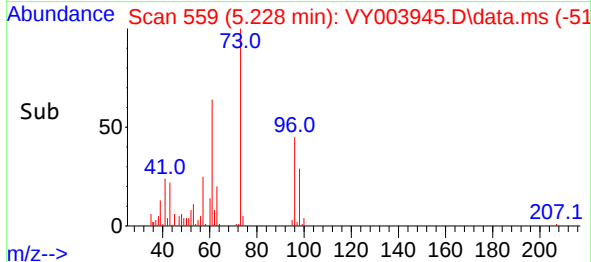
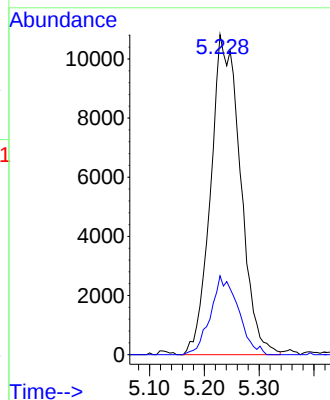
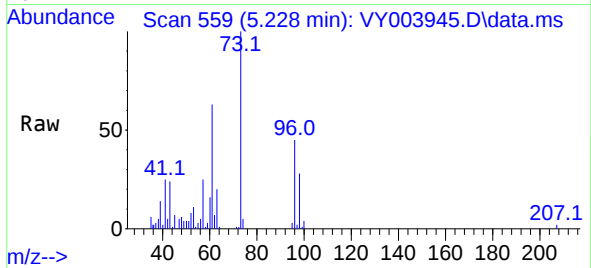
#19  
Methyl tert-butyl Ether  
Concen: 10.52 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.012 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 73 Resp: 40673  
Ion Ratio Lower Upper  
73 100  
57 24.6 19.0 28.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

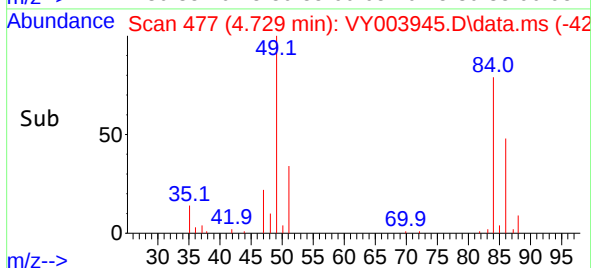
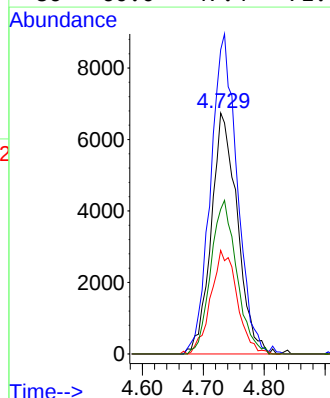
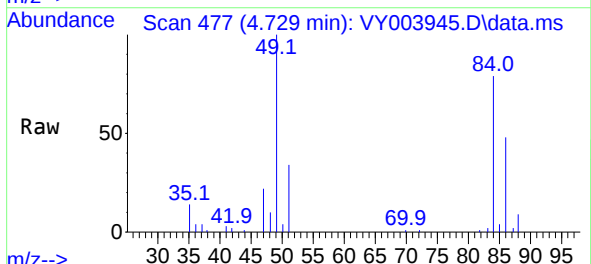
Manual Integrations  
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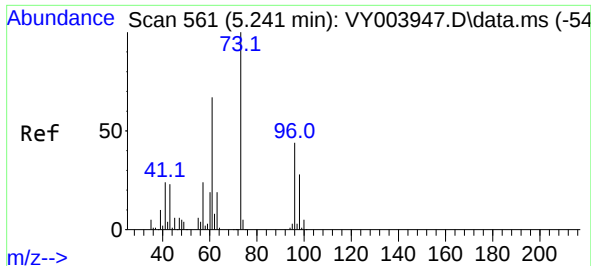
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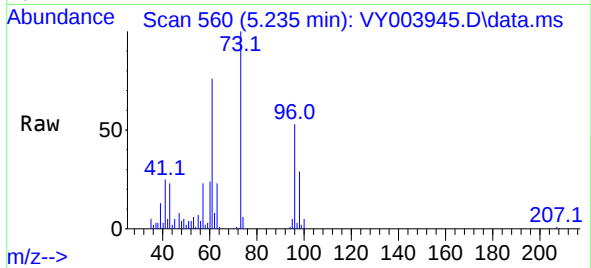
#20  
Methylene Chloride  
Concen: 10.13 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 84 Resp: 20071  
Ion Ratio Lower Upper  
84 100  
49 126.2 107.0 160.4  
51 43.0 31.9 47.9  
86 60.0 47.4 71.0

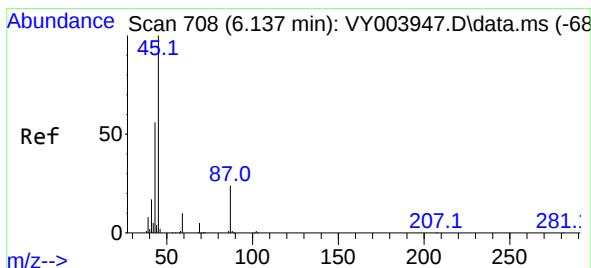
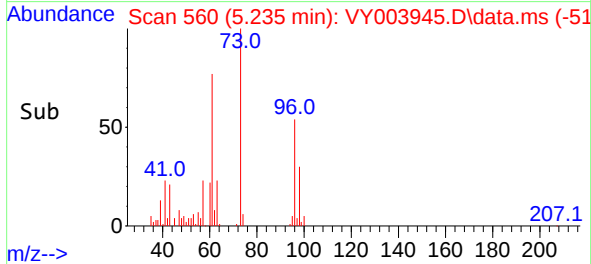
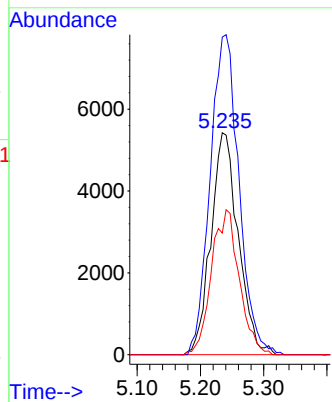




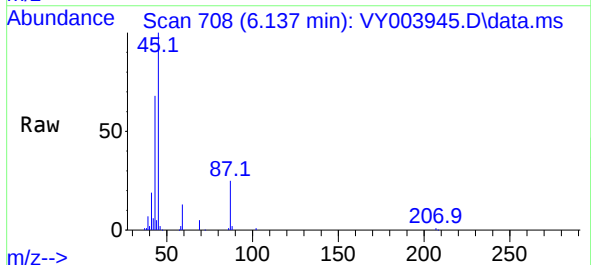
#21  
trans-1,2-Dichloroethene  
Concen: 10.99 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



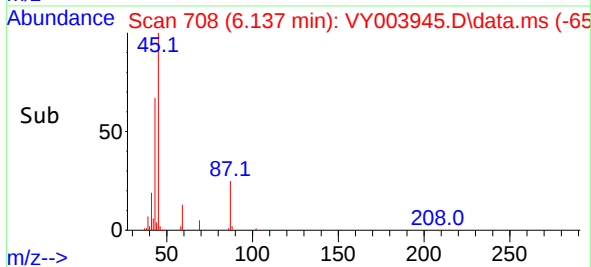
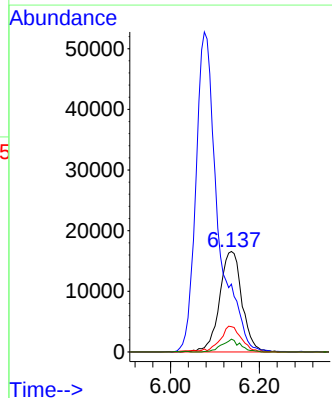
Tgt Ion: 96 Resp: 16305  
Ion Ratio Lower Upper  
96 100  
61 143.1 122.1 183.1  
98 54.8 51.4 77.0



#22  
Diisopropyl ether  
Concen: 10.95 ug/l  
RT: 6.137 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



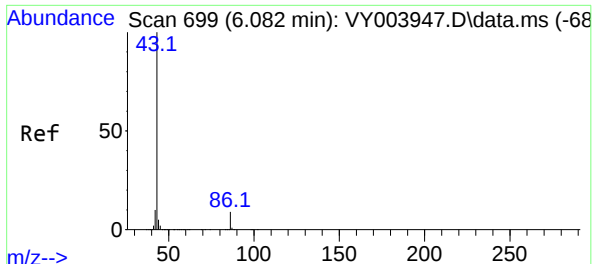
Tgt Ion: 45 Resp: 57781  
Ion Ratio Lower Upper  
45 100  
43 67.0 45.9 68.9  
87 25.2 19.4 29.0  
59 12.7 8.2 12.4#



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

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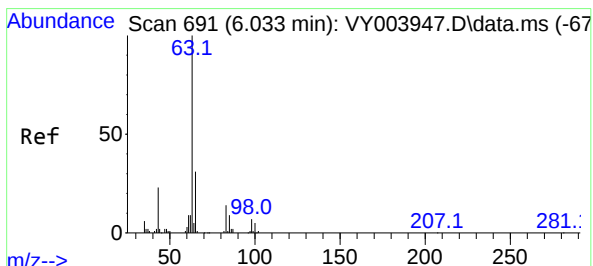
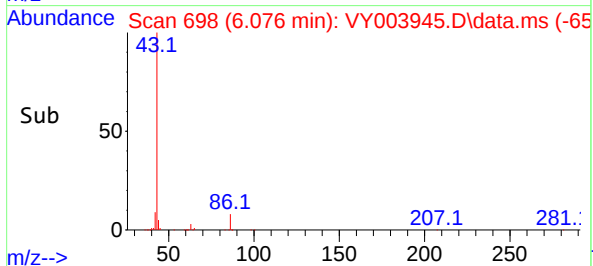
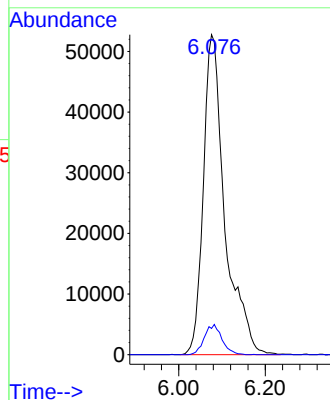
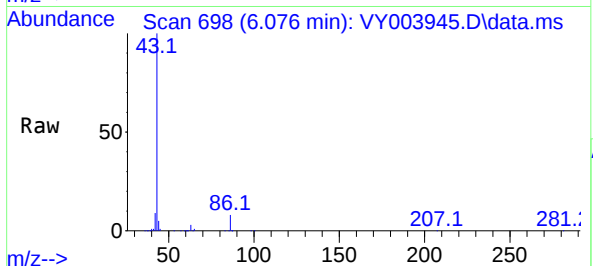
#23  
 Vinyl Acetate  
 Concen: 53.16 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. -0.006 min  
 Lab File: VY003945.D  
 Acq: 27 Jan 2021 11:53

Tgt Ion: 43 Resp: 182097  
 Ion Ratio Lower Upper  
 43 100  
 86 8.2 7.1 10.7

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC010

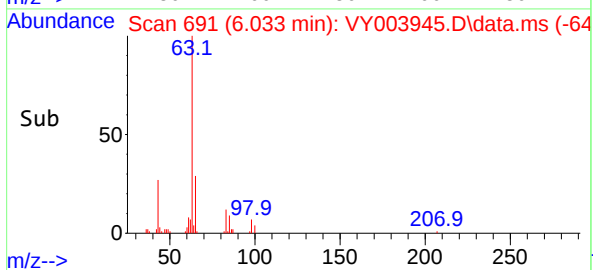
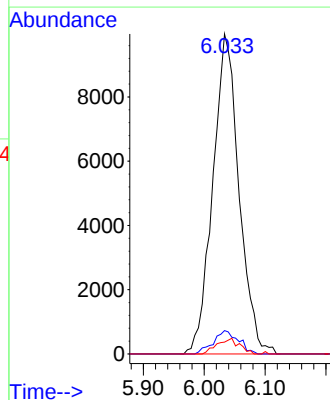
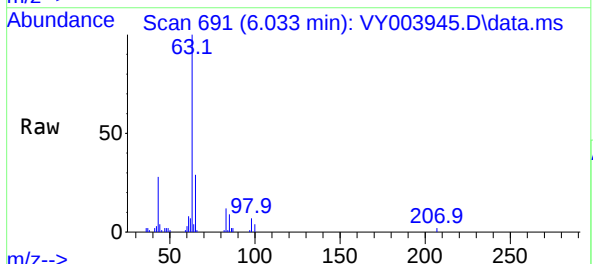
Manual Integrations  
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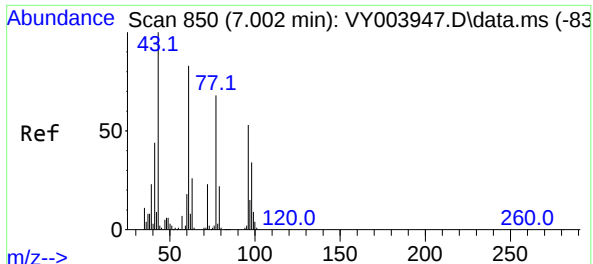
MMDadoda  
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#24  
 1,1-Dichloroethane  
 Concen: 10.96 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. 0.000 min  
 Lab File: VY003945.D  
 Acq: 27 Jan 2021 11:53

Tgt Ion: 63 Resp: 29819  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.5 10.6  
 100 3.7 2.5 7.4





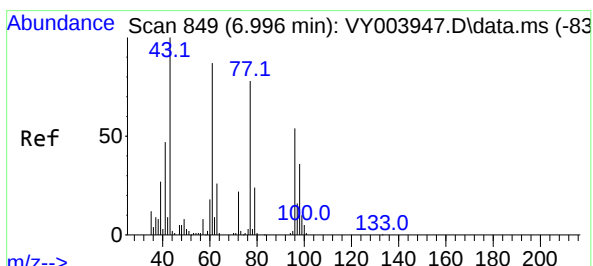
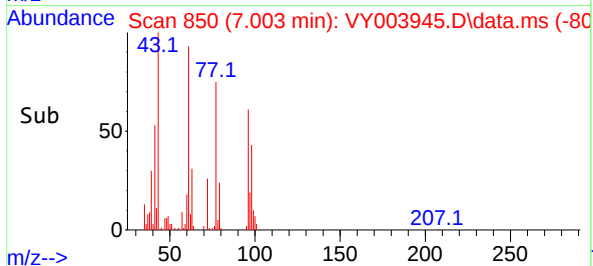
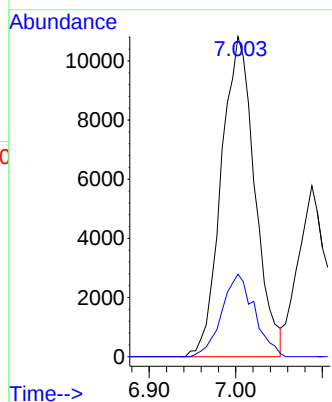
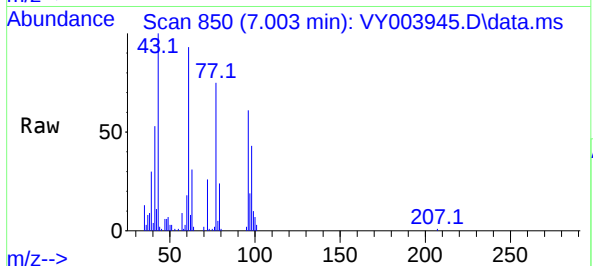
#25  
2-Butanone  
Concen: 50.06 ug/l  
RT: 7.003 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 43 Resp: 29136  
Ion Ratio Lower Upper  
43 100  
72 25.8 18.5 27.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

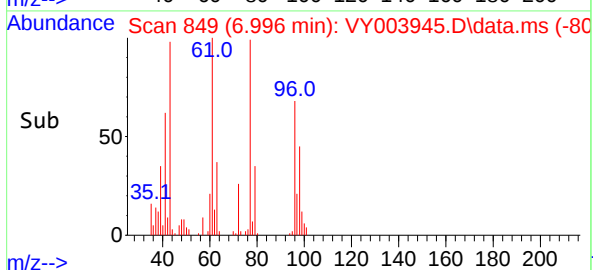
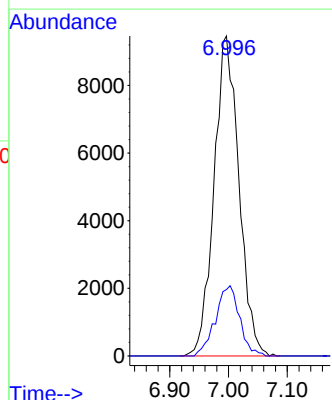
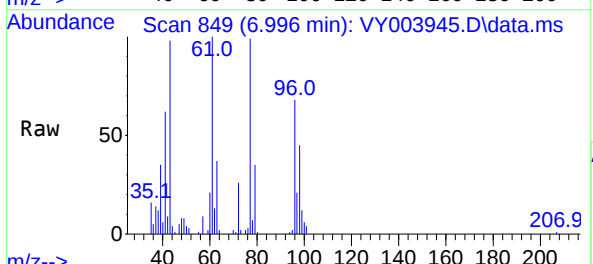
Manual Integrations  
APPROVED

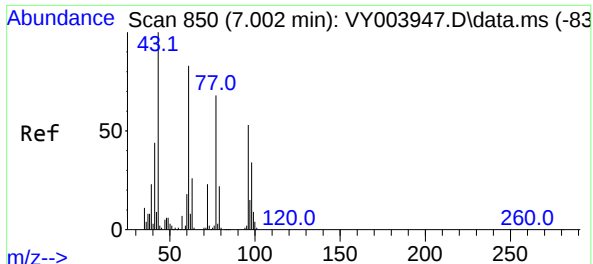
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#26  
2,2-Dichloropropane  
Concen: 11.13 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 77 Resp: 27801  
Ion Ratio Lower Upper  
77 100  
97 21.3 10.9 32.7





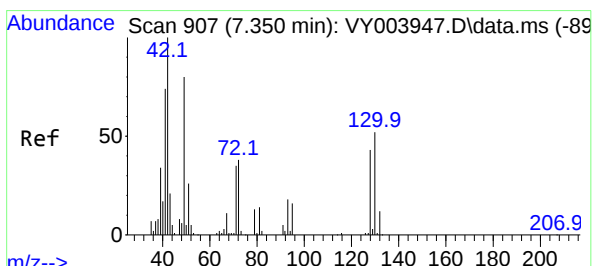
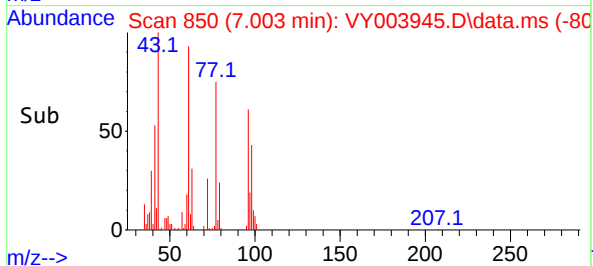
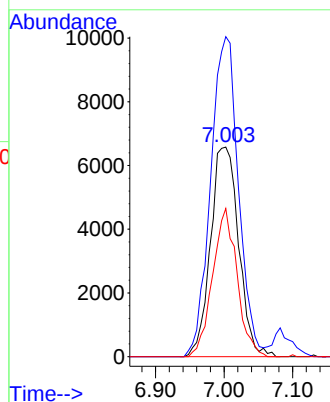
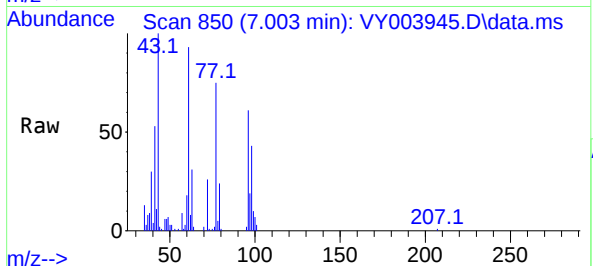
#27  
cis-1,2-Dichloroethene  
Concen: 11.20 ug/l  
RT: 7.003 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 96 Resp: 18743  
Ion Ratio Lower Upper  
96 100  
61 151.2 0.0 306.6  
98 61.5 0.0 128.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

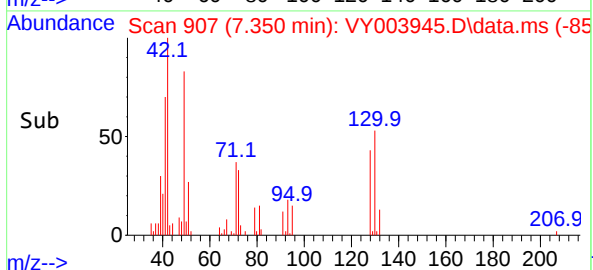
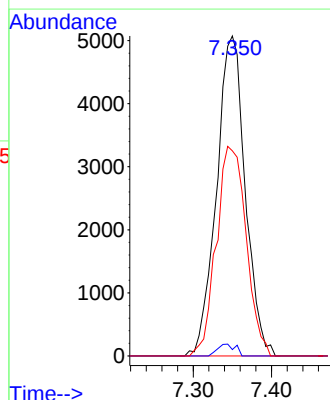
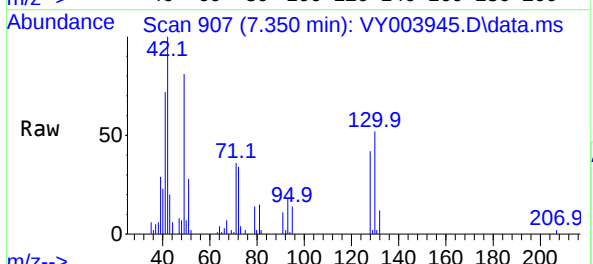
Manual Integrations  
APPROVED

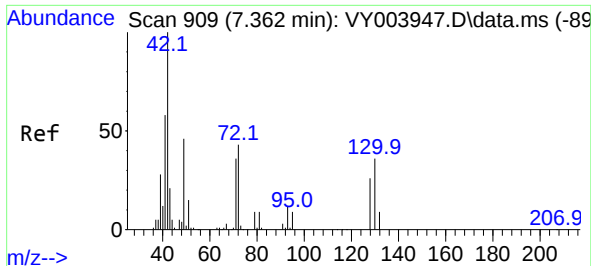
MMDadoda  
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#28  
Bromochloromethane  
Concen: 11.20 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

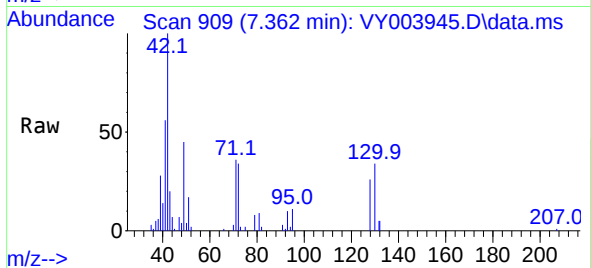
Tgt Ion: 49 Resp: 12919  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 3.4  
130 68.0 53.7 80.5





#29  
Tetrahydrofuran  
Concen: 51.87 ug/l  
RT: 7.362 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

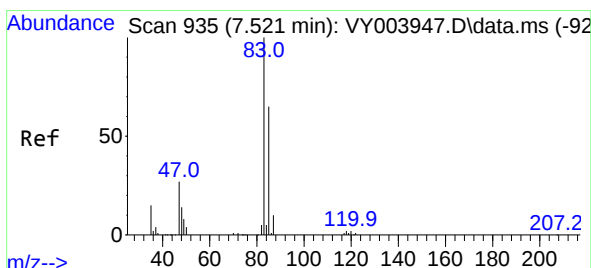
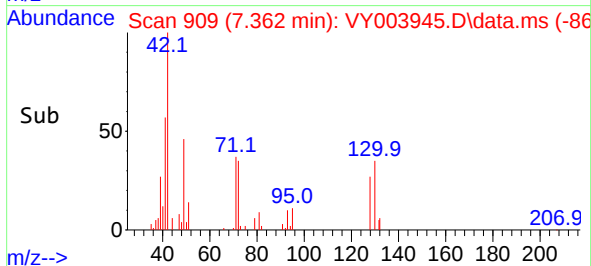
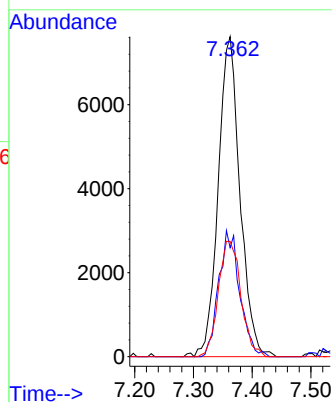
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010



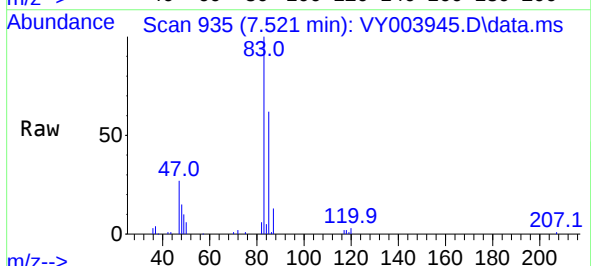
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 19617 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 38.1  | 30.6  | 45.8  |
| 71       | 37.5  | 28.6  | 43.0  |

Manual Integrations  
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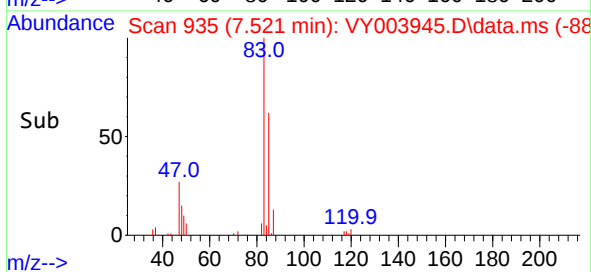
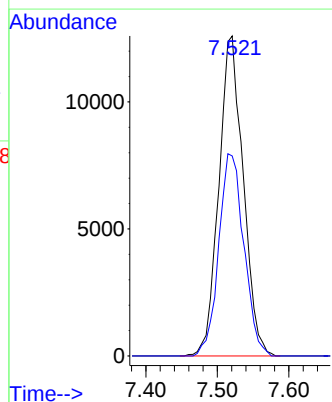
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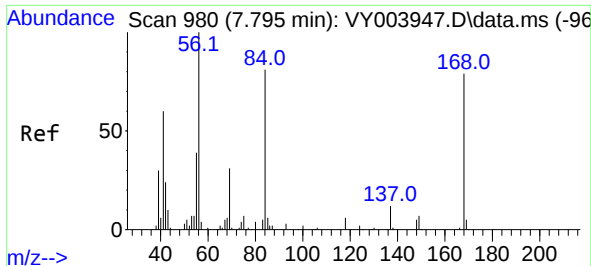


#30  
Chloroform  
Concen: 10.95 ug/l  
RT: 7.521 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

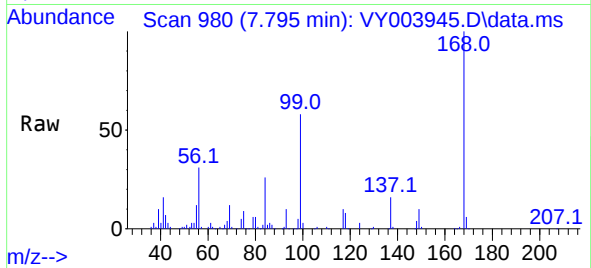


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 29820 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.5  | 51.7  | 77.5  |

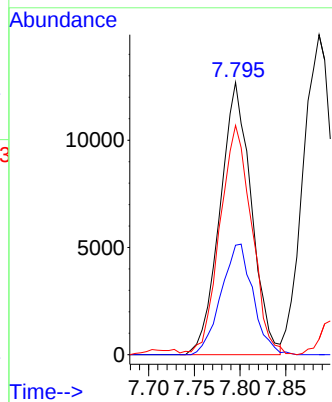
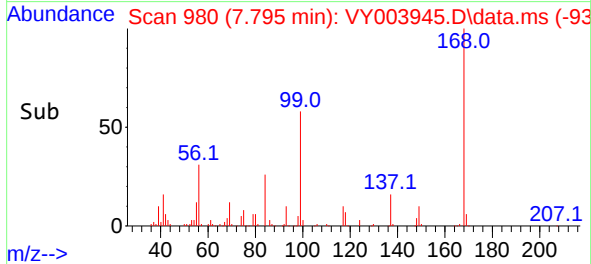




#31  
Cyclohexane  
Concen: 11.21 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



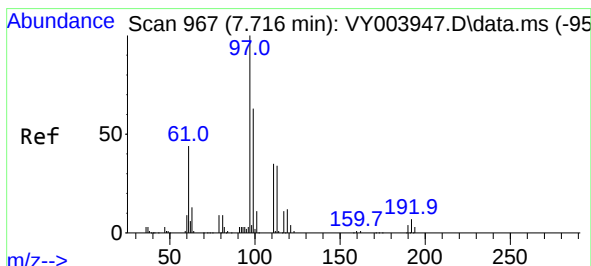
Tgt Ion: 56 Resp: 30296  
Ion Ratio Lower Upper  
56 100  
69 40.2 25.0 37.4#  
84 83.6 64.5 96.7



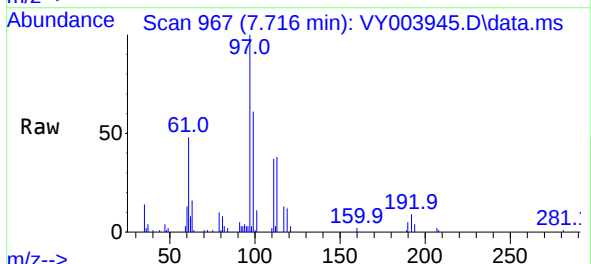
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

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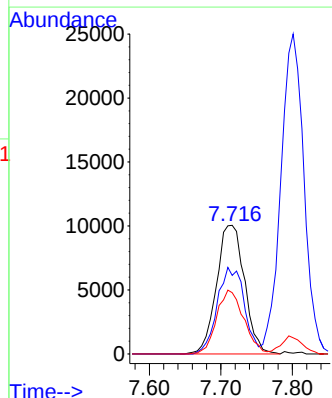
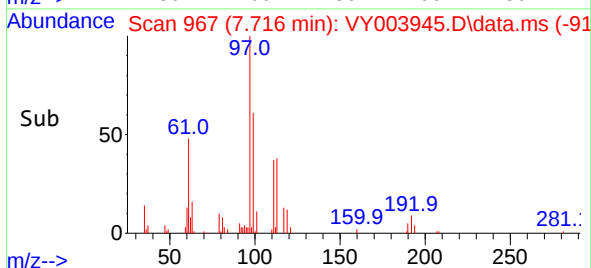
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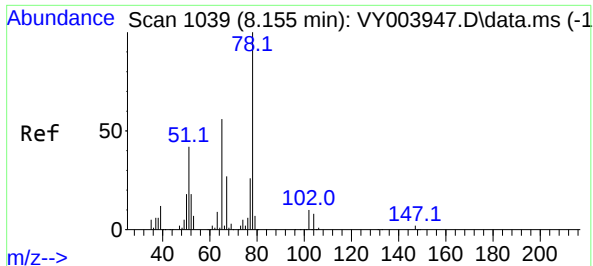


#32  
1,1,1-Trichloroethane  
Concen: 11.00 ug/l  
RT: 7.716 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



Tgt Ion: 97 Resp: 27335  
Ion Ratio Lower Upper  
97 100  
99 64.7 50.6 75.8  
61 48.1 36.4 54.6





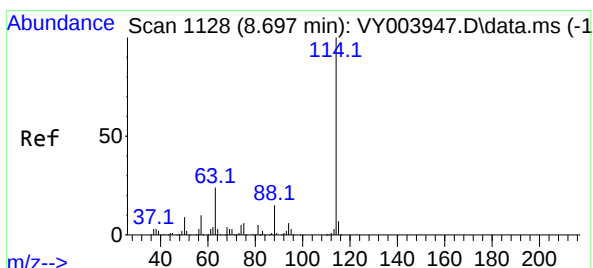
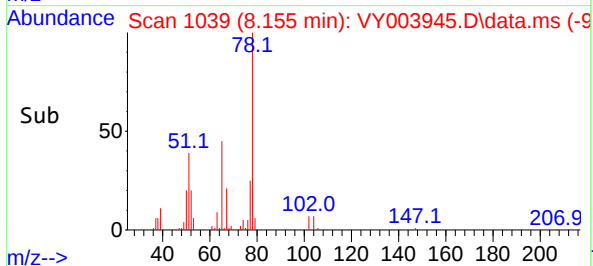
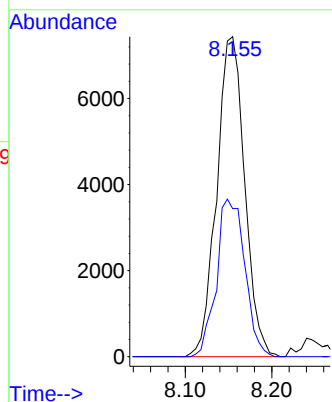
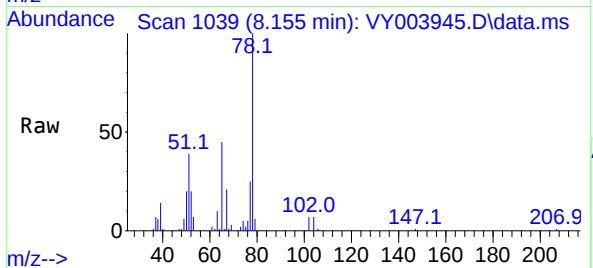
#33  
1,2-Dichloroethane-d4  
Concen: 10.47 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 65 Resp: 16679  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 101.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

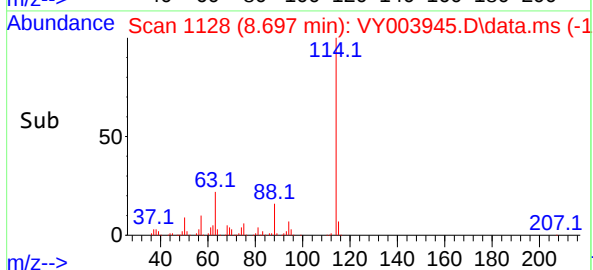
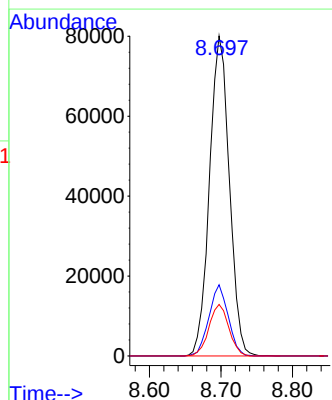
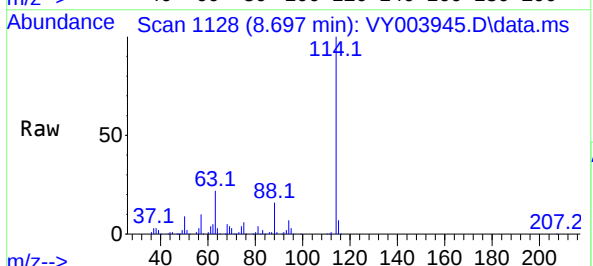
Manual Integrations  
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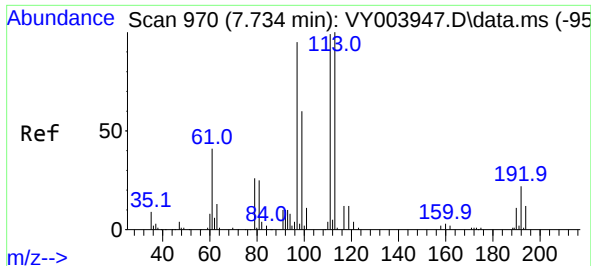
MMDadoda  
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 114 Resp: 154251  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 47.2  
88 16.1 0.0 30.2





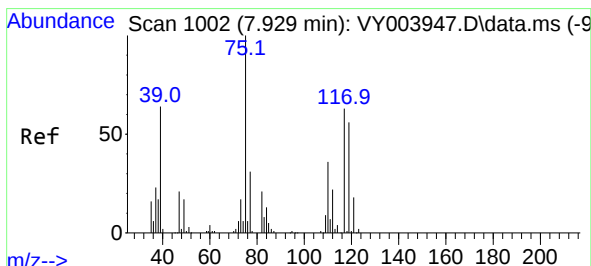
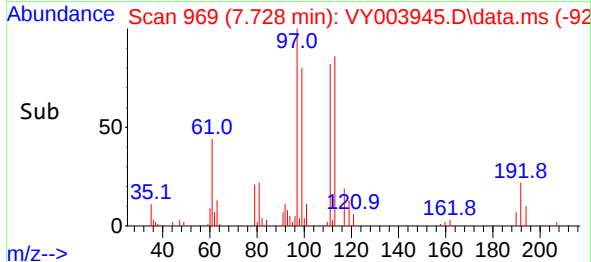
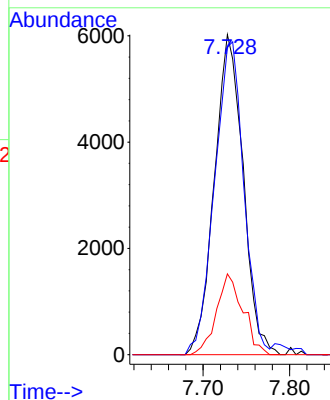
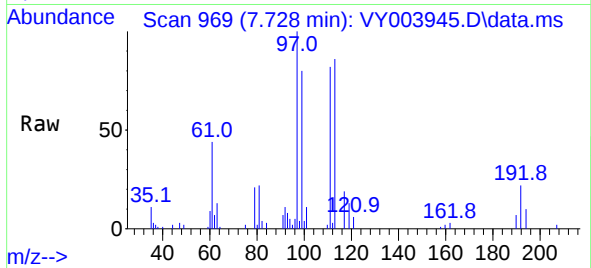
#35  
Dibromofluoromethane  
Concen: 10.50 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 13880 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 99.1  | 82.2  | 123.4 |
| 192       | 23.3  | 18.3  | 27.5  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

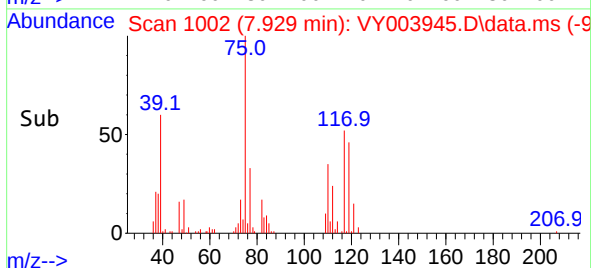
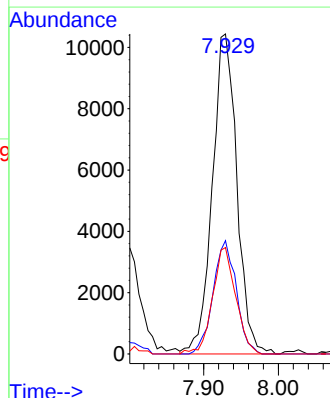
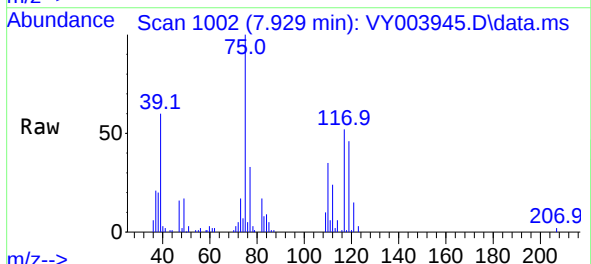
Manual Integrations  
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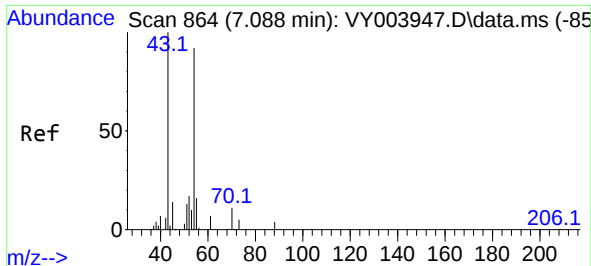
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#36  
1,1-Dichloropropene  
Concen: 11.15 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

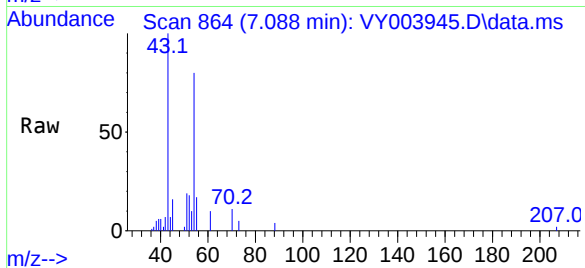
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 23844 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 33.5  | 17.9  | 53.8  |
| 77        | 31.5  | 24.8  | 37.2  |





#37  
Ethyl Acetate  
Concen: 10.24 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

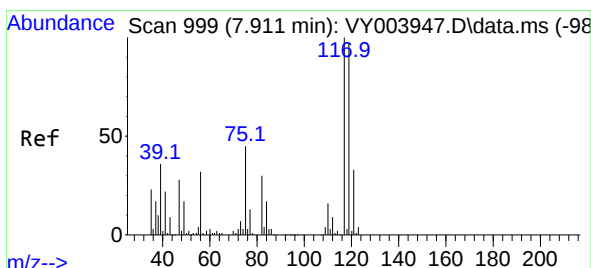
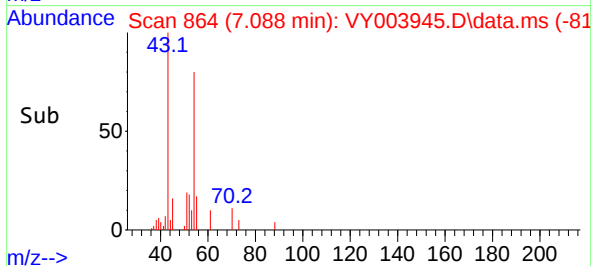
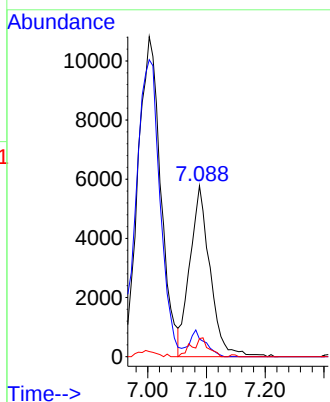
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010



Tgt Ion: 43 Resp: 13800  
Ion Ratio Lower Upper  
43 100  
61 12.0 9.5 14.3  
70 9.0 7.7 11.5

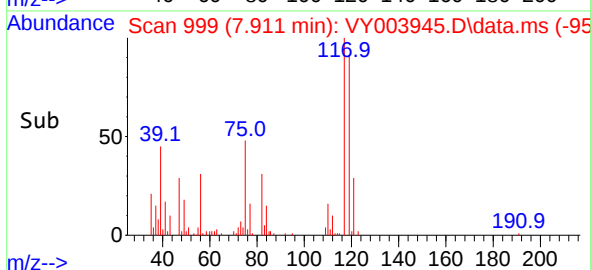
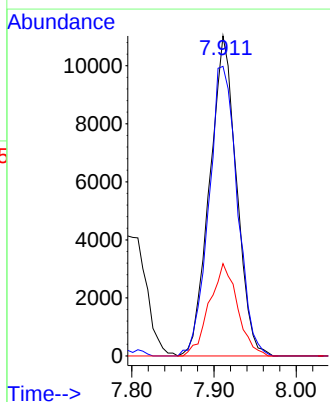
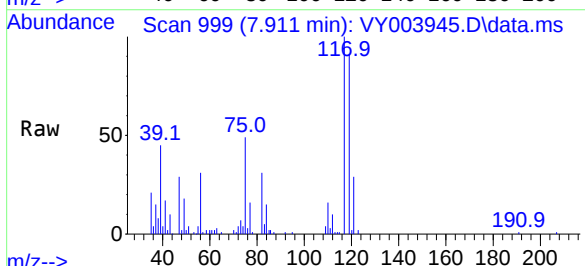
Manual Integrations  
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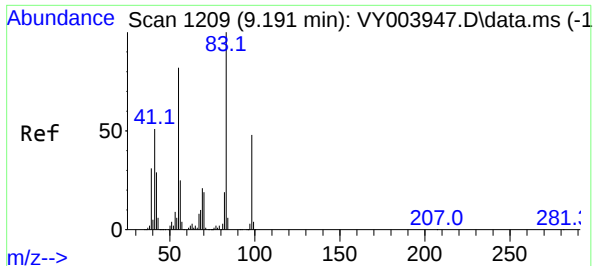
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 10.85 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 117 Resp: 25024  
Ion Ratio Lower Upper  
117 100  
119 90.5 77.4 116.0  
121 28.9 26.1 39.1





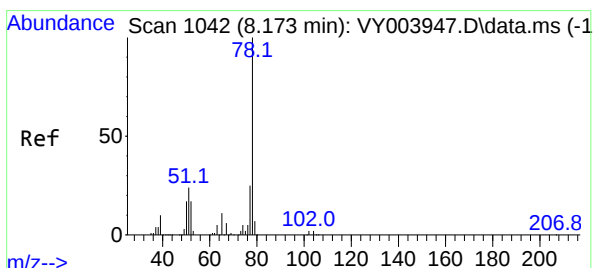
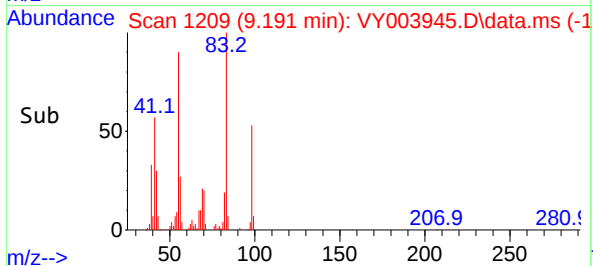
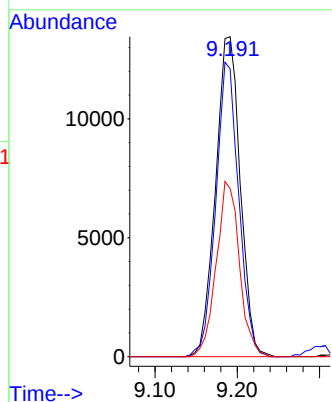
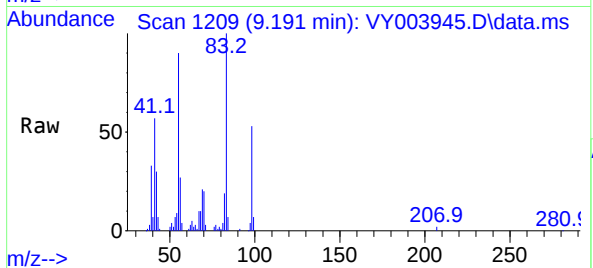
#39  
Methylcyclohexane  
Concen: 10.36 ug/l  
RT: 9.191 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 83 Resp: 28115  
Ion Ratio Lower Upper  
83 100  
55 90.0 65.8 98.6  
98 52.5 38.3 57.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

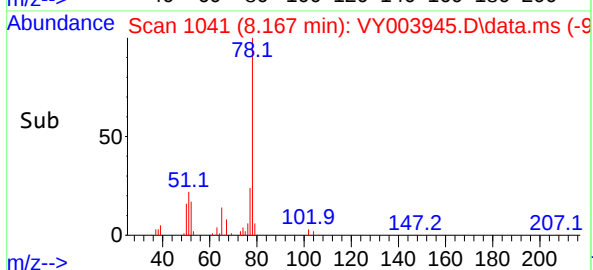
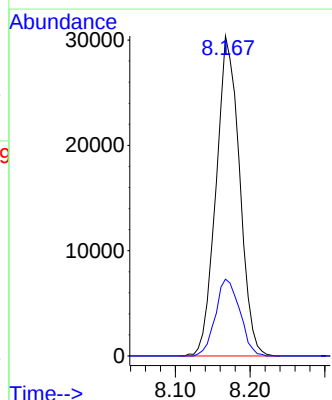
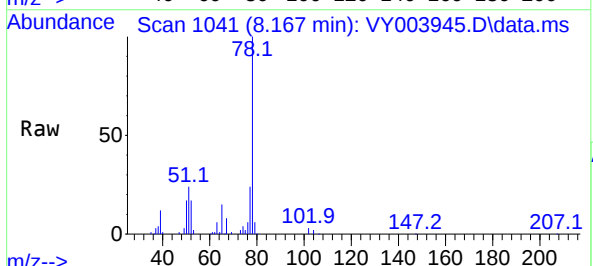
Manual Integrations  
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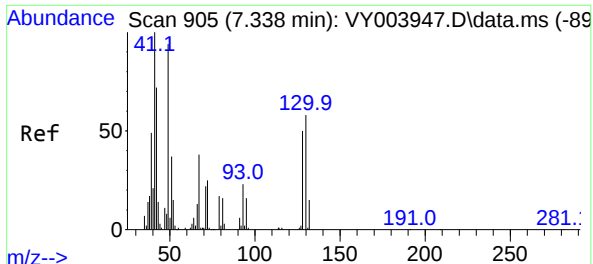
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#40  
Benzene  
Concen: 10.73 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 78 Resp: 66360  
Ion Ratio Lower Upper  
78 100  
77 24.0 20.4 30.6





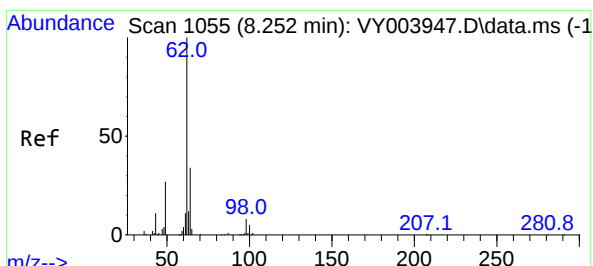
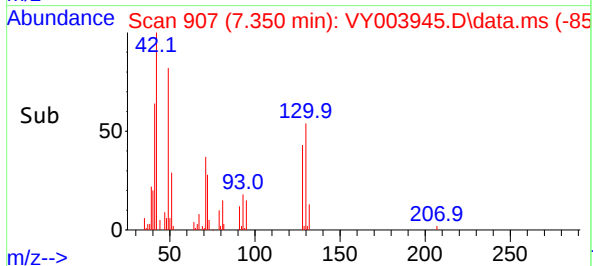
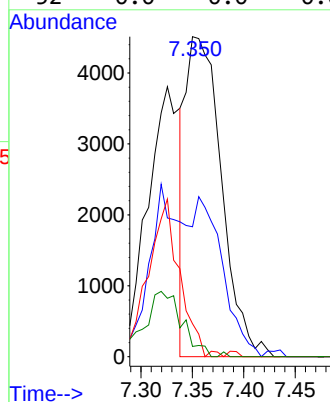
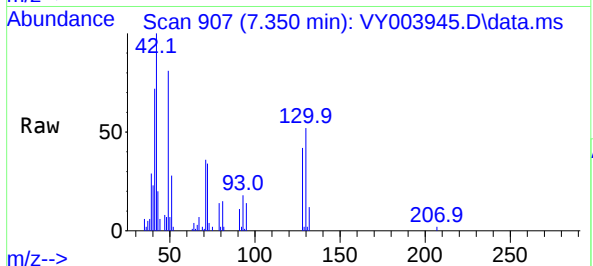
#41  
Methacrylonitrile  
Concen: 13.58 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. 0.012 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 41 Resp: 10893  
Ion Ratio Lower Upper  
41 100  
39 0.0 82.6 124.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

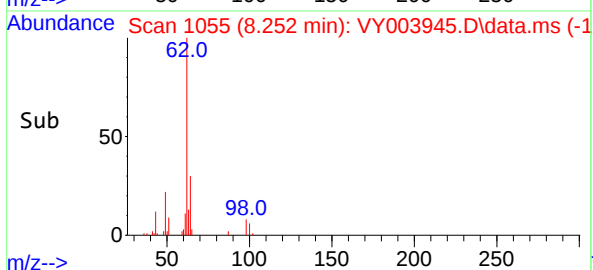
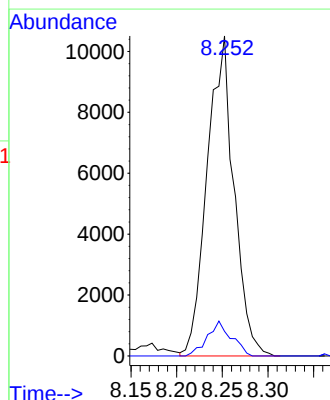
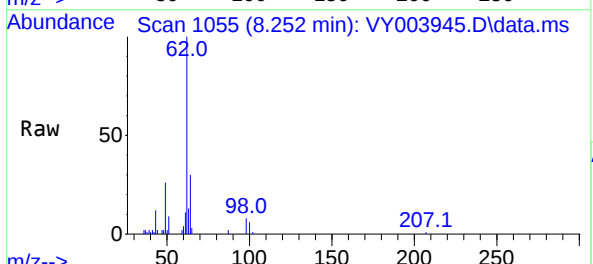
Manual Integrations  
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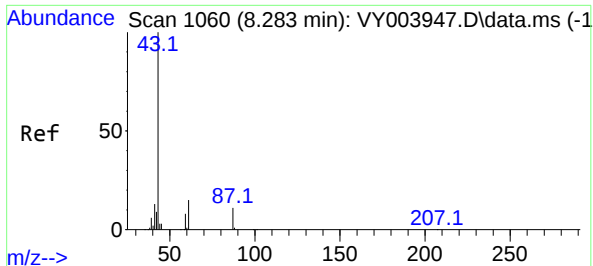
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#42  
1,2-Dichloroethane  
Concen: 10.70 ug/l  
RT: 8.252 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 62 Resp: 21472  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 17.0





#43

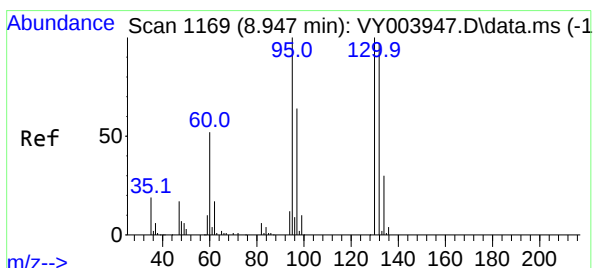
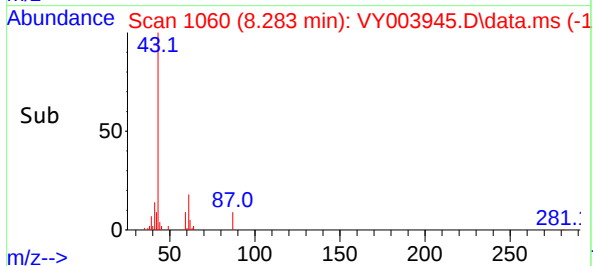
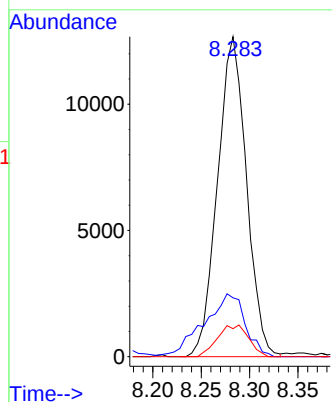
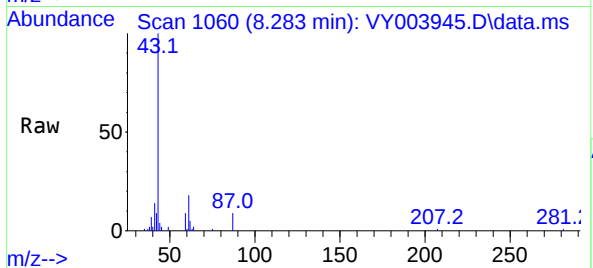
Isopropyl Acetate  
Concen: 10.30 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 26362 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 28.0  | 21.1  | 31.7  |
| 87       | 10.7  | 9.1   | 13.7  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

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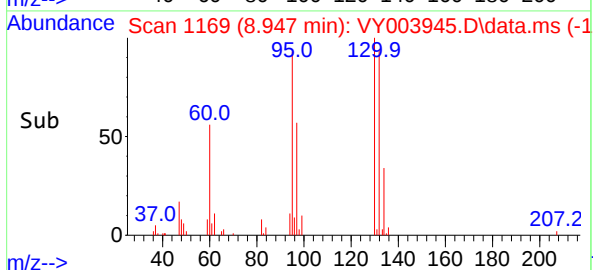
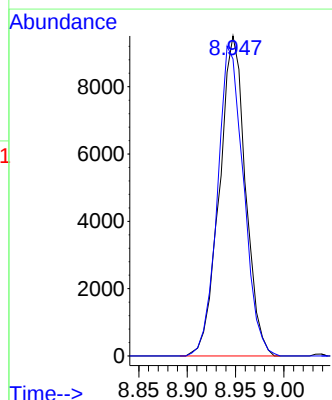
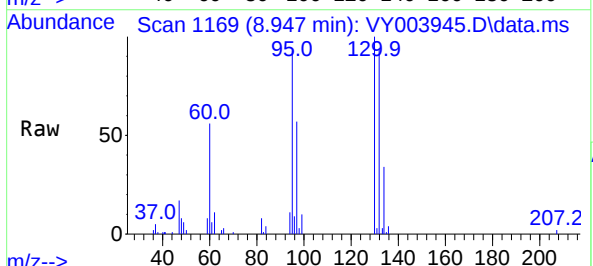
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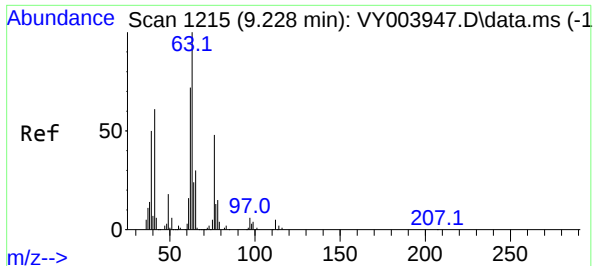


#44

Trichloroethene  
Concen: 10.73 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 17820 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 92.8  | 0.0   | 199.4 |





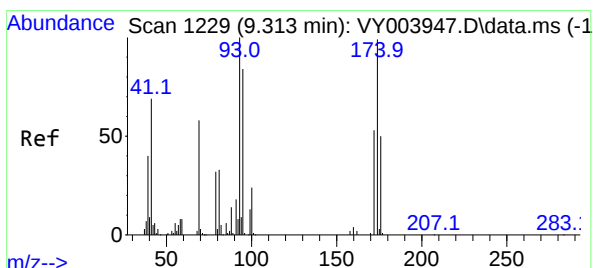
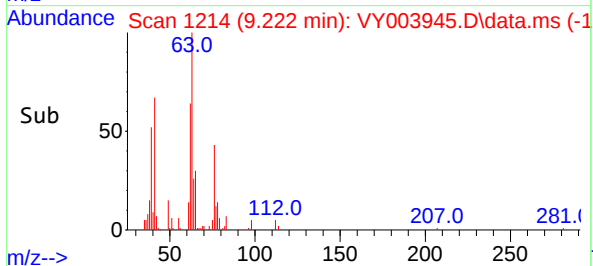
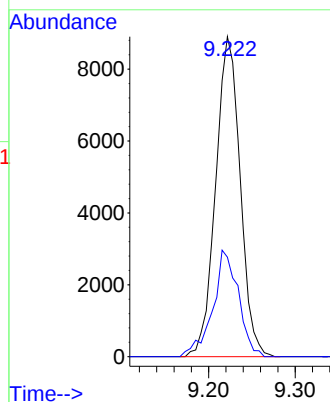
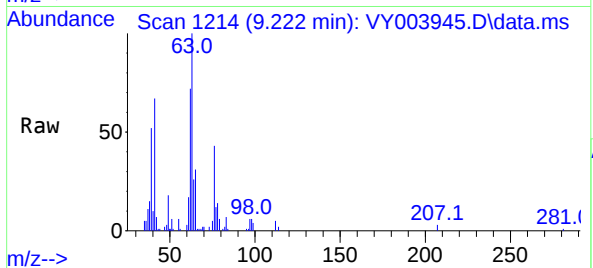
#45  
1,2-Dichloropropane  
Concen: 10.95 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 63 Resp: 17497  
Ion Ratio Lower Upper  
63 100  
65 31.1 24.4 36.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

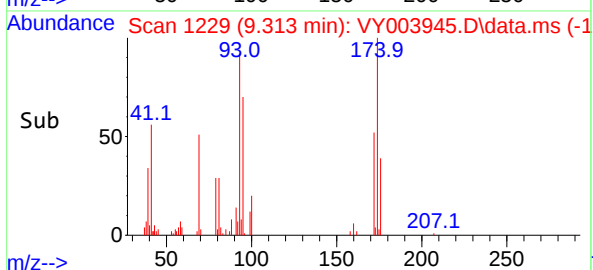
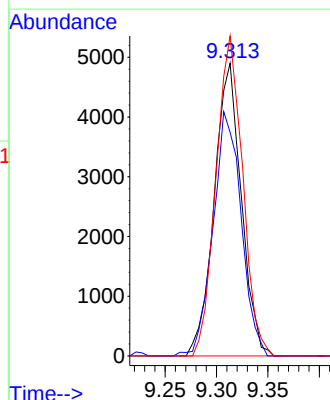
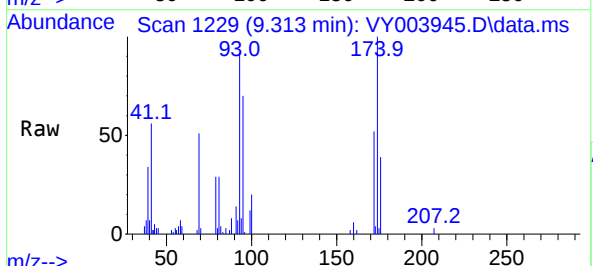
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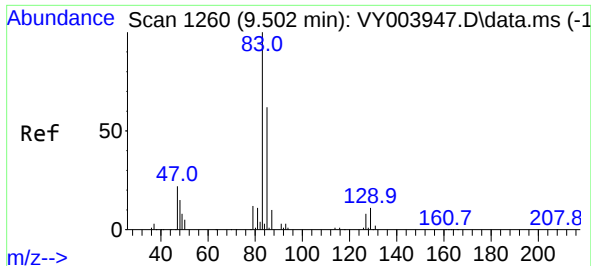
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#46  
Dibromomethane  
Concen: 10.49 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

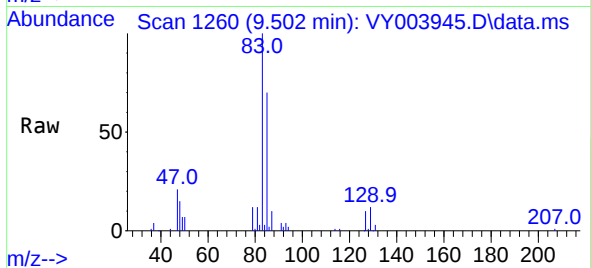
Tgt Ion: 93 Resp: 8970  
Ion Ratio Lower Upper  
93 100  
95 86.7 66.4 99.6  
174 107.7 82.2 123.2





#47  
Bromodichloromethane  
Concen: 10.59 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

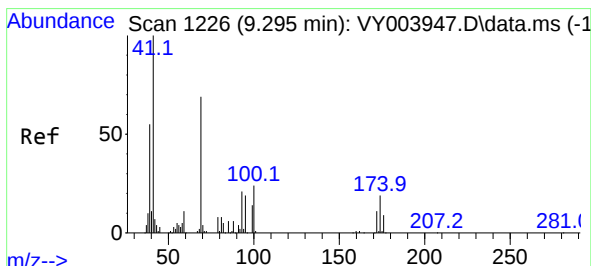
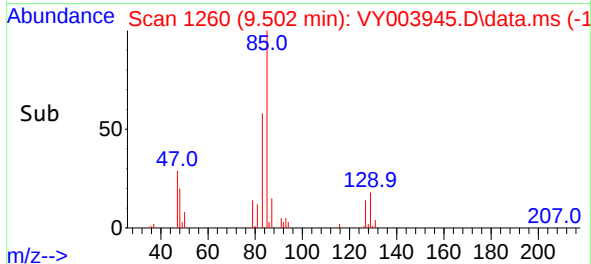
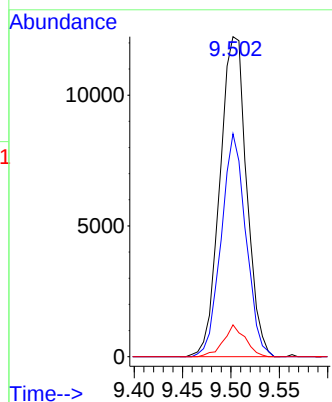
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010



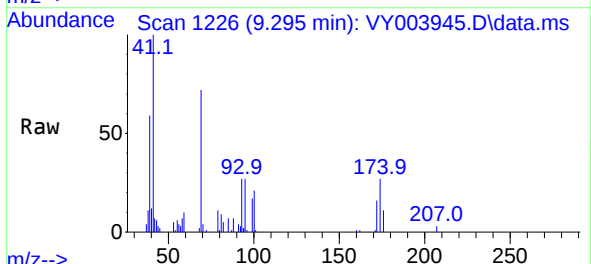
Tgt Ion: 83 Resp: 23501  
Ion Ratio Lower Upper  
83 100  
85 69.7 49.2 73.8  
127 9.9 6.7 10.1

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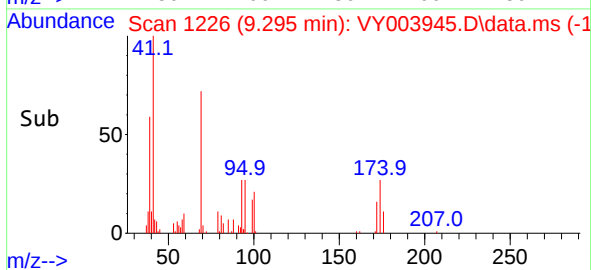
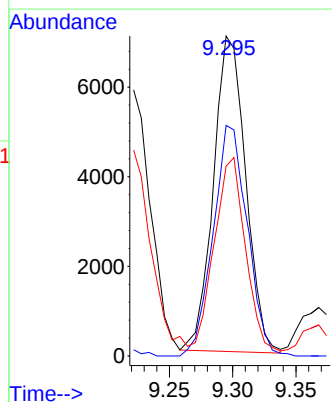
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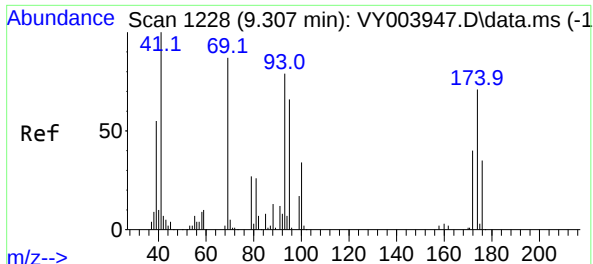


#48  
Methyl methacrylate  
Concen: 10.20 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



Tgt Ion: 41 Resp: 12498  
Ion Ratio Lower Upper  
41 100  
69 77.3 60.8 91.2  
39 58.7 48.2 72.2





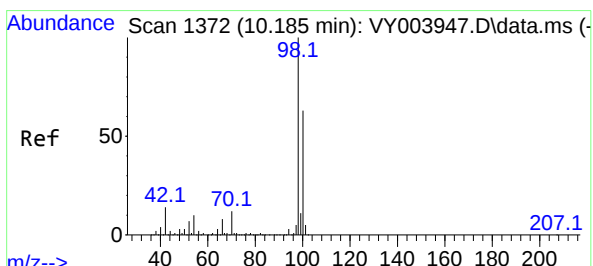
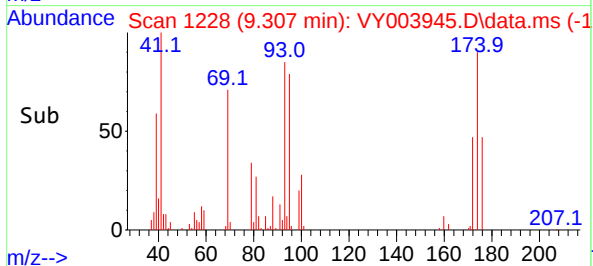
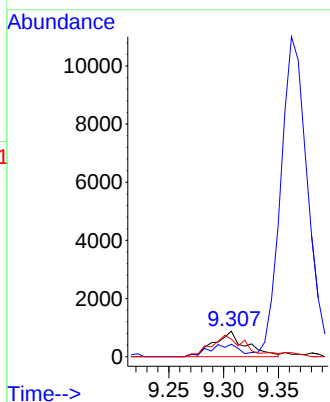
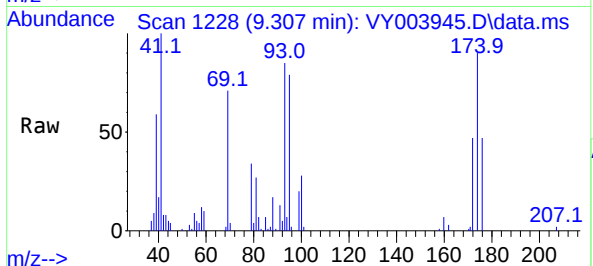
#49  
1,4-Dioxane  
Concen: 194.10 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 1772  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 44.9  | 32.6  | 48.8  |
| 58       | 85.4  | 60.2  | 90.4  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

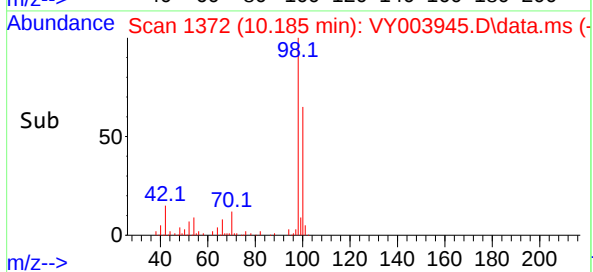
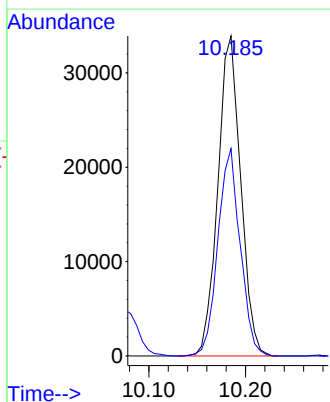
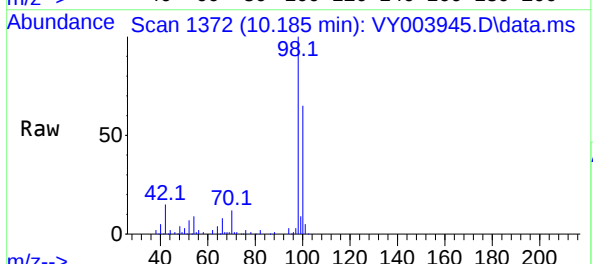
Manual Integrations  
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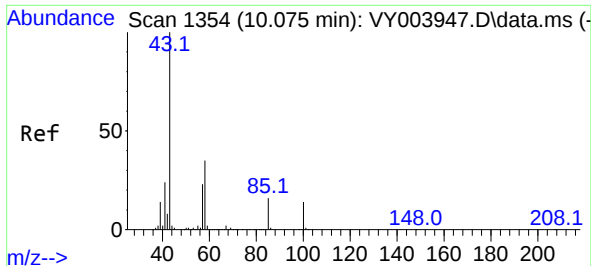
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#50  
Toluene-d8  
Concen: 10.39 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

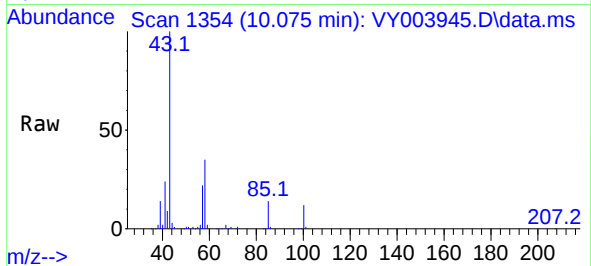
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 98    | Resp: | 55633 |
| Ion      | Ratio | Lower | Upper |
| 98       | 100   |       |       |
| 100      | 63.1  | 50.5  | 75.7  |





#51  
4-Methyl-2-Pentanone  
Concen: 49.86 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

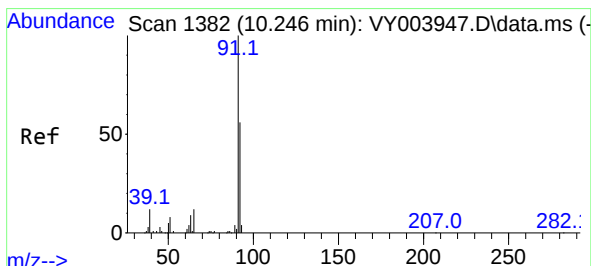
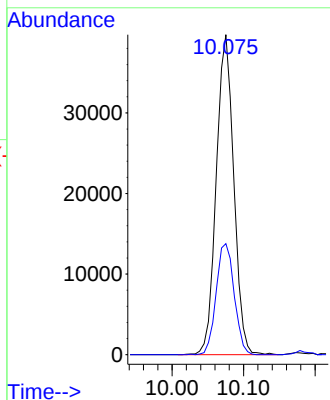
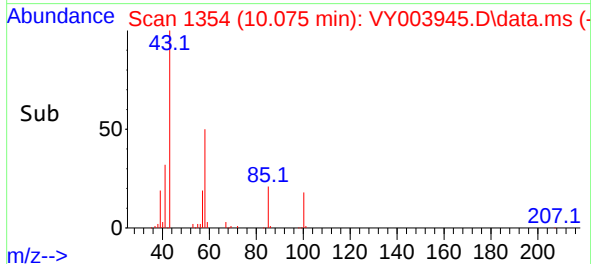
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010



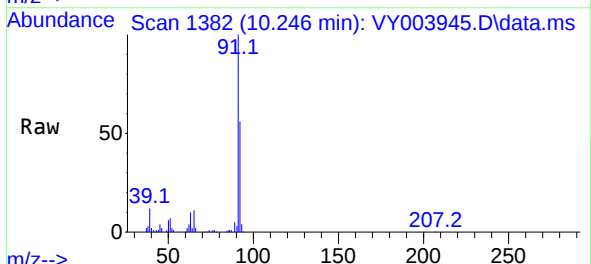
Tgt Ion: 43 Resp: 67459  
Ion Ratio Lower Upper  
43 100  
58 35.8 28.6 42.8

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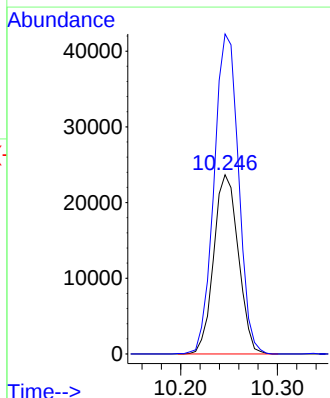
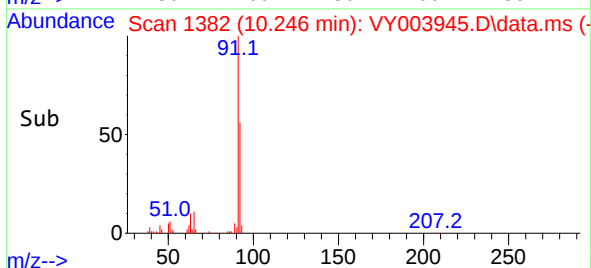
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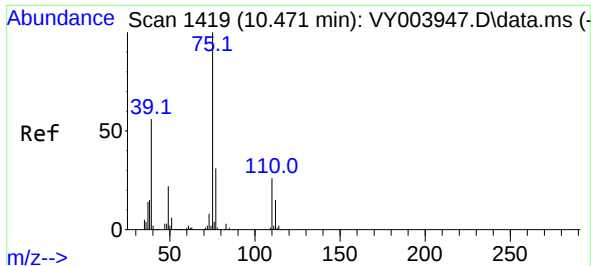


#52  
Toluene  
Concen: 10.70 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



Tgt Ion: 92 Resp: 41752  
Ion Ratio Lower Upper  
92 100  
91 177.8 142.7 214.1





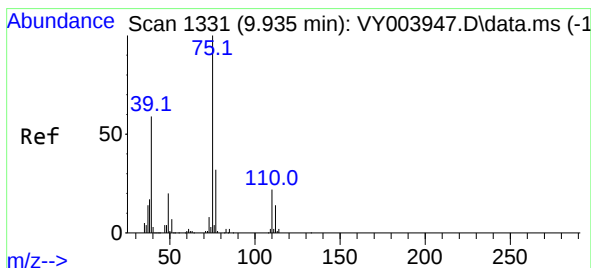
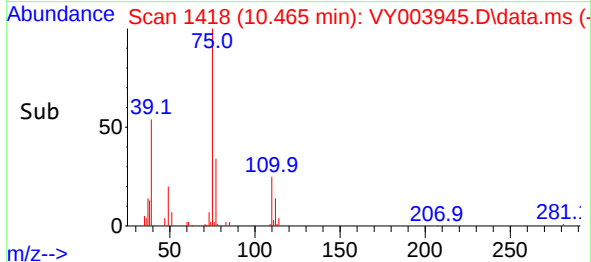
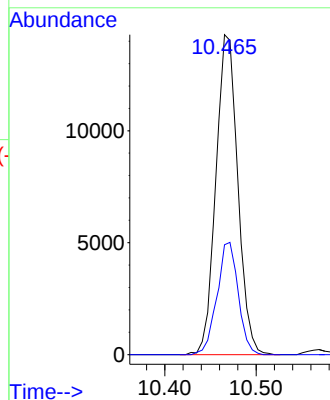
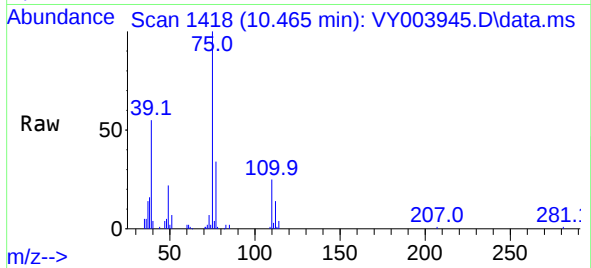
#53  
t-1,3-Dichloropropene  
Concen: 10.26 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 75 Resp: 23866  
Ion Ratio Lower Upper  
75 100  
77 34.3 25.2 37.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

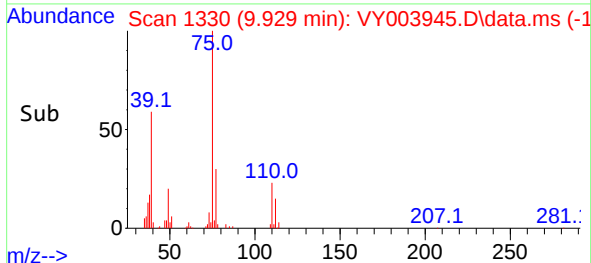
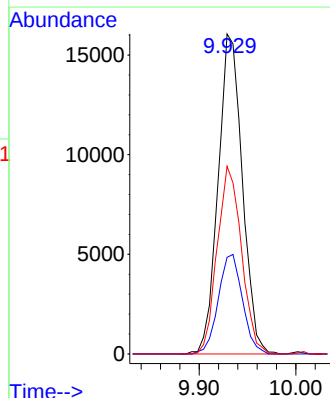
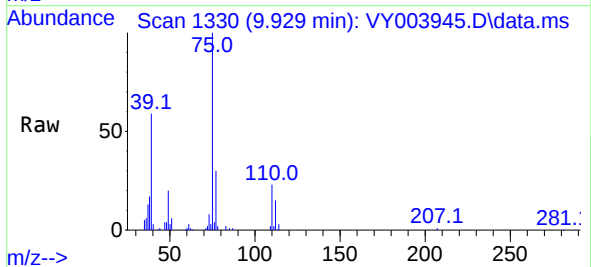
Manual Integrations  
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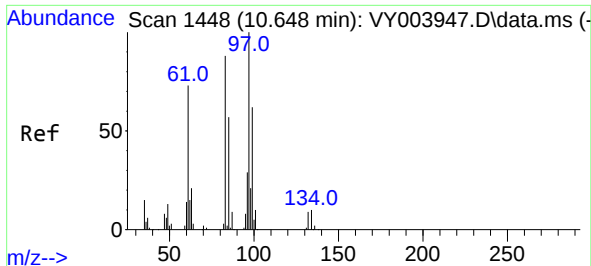
MMDadoda  
1/28/2021 2:12:52 PM



#54  
cis-1,3-Dichloropropene  
Concen: 10.77 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

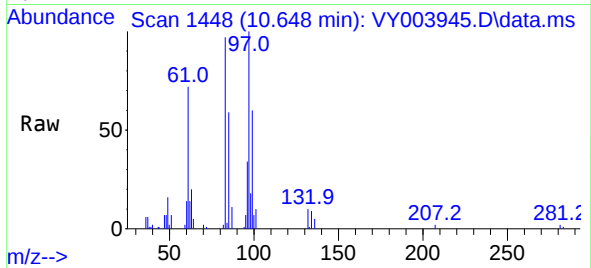
Tgt Ion: 75 Resp: 27878  
Ion Ratio Lower Upper  
75 100  
77 30.2 25.3 37.9  
39 58.7 47.0 70.4





#55  
1,1,2-Trichloroethane  
Concen: 10.41 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

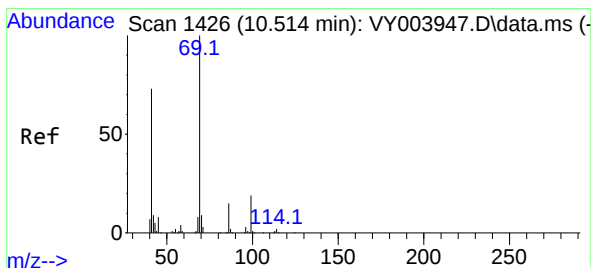
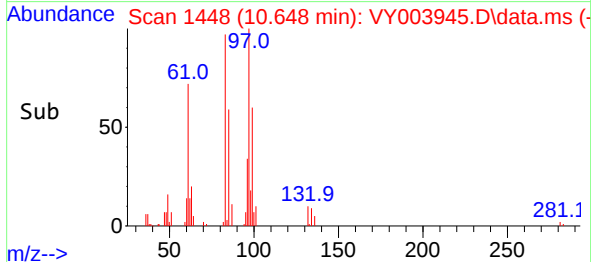
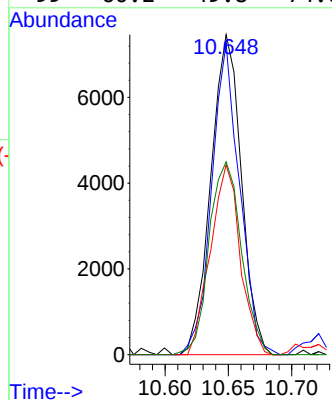
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010



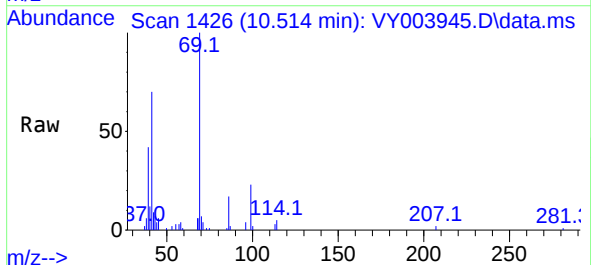
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 12500 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 97.3  | 70.6  | 106.0 |
| 85       | 59.3  | 45.8  | 68.8  |
| 99       | 60.2  | 49.8  | 74.6  |

Manual Integrations  
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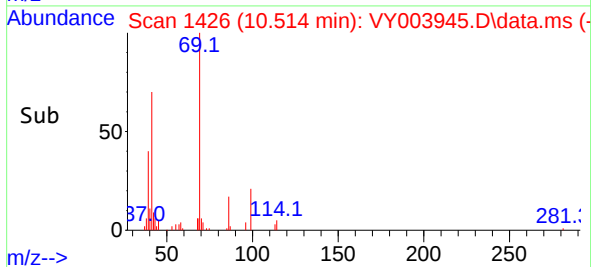
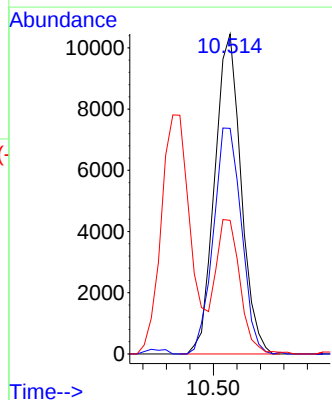
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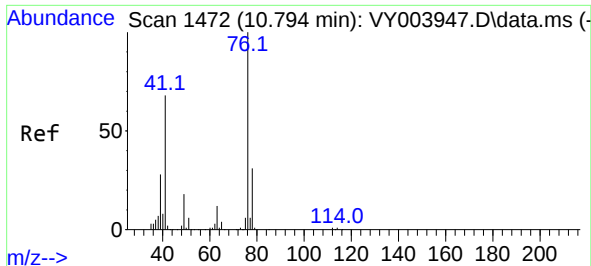


#56  
Ethyl methacrylate  
Concen: 9.49 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

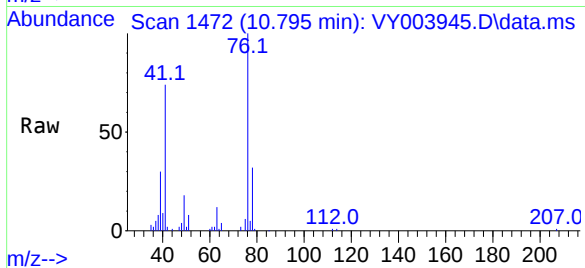


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 16287 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 75.3  | 59.6  | 89.4  |
| 39       | 37.9  | 31.9  | 47.9  |

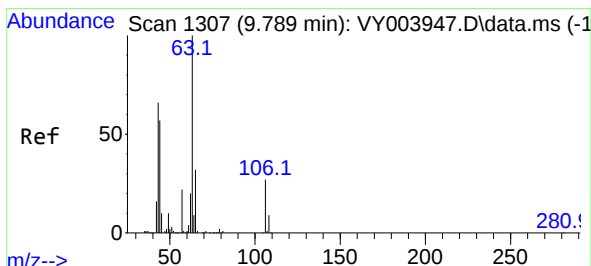
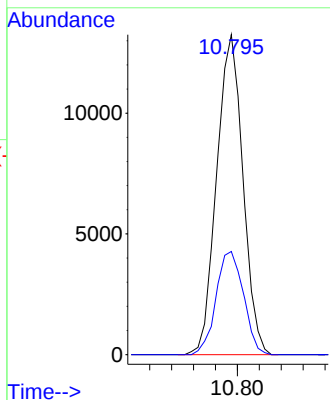
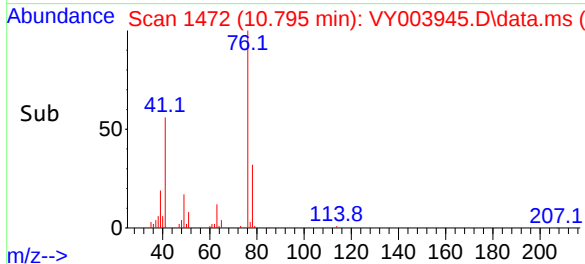




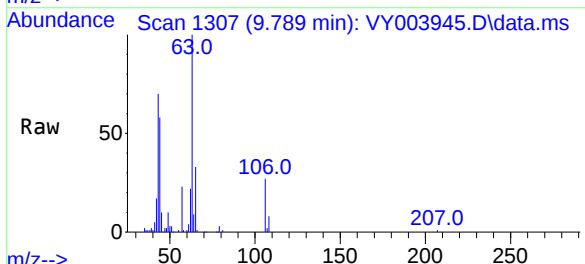
#57  
1,3-Dichloropropane  
Concen: 10.39 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



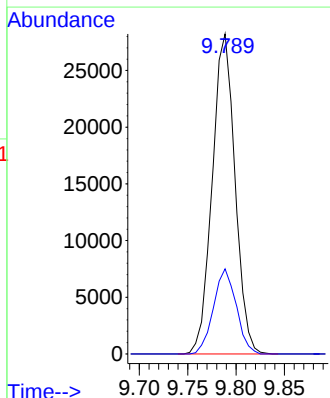
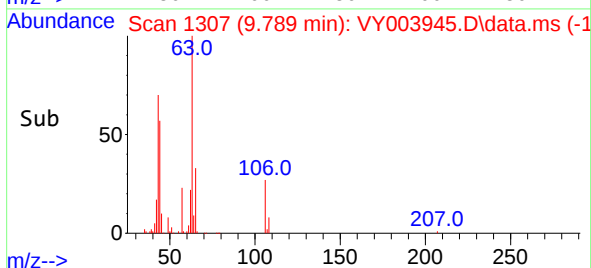
Tgt Ion: 76 Resp: 22039  
Ion Ratio Lower Upper  
76 100  
78 33.7 25.4 38.2



#58  
2-Chloroethyl Vinyl ether  
Concen: 54.08 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



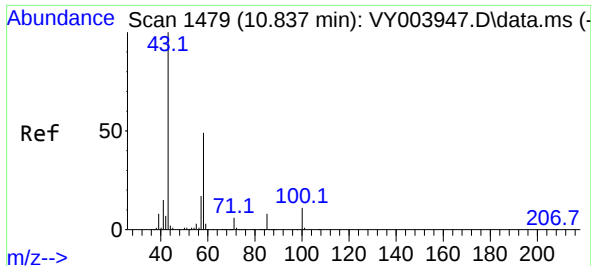
Tgt Ion: 63 Resp: 46198  
Ion Ratio Lower Upper  
63 100  
106 26.6 21.9 32.9



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

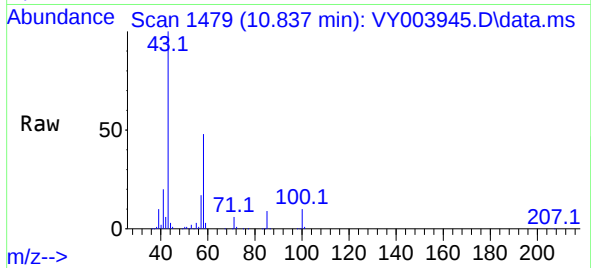
Manual Integrations  
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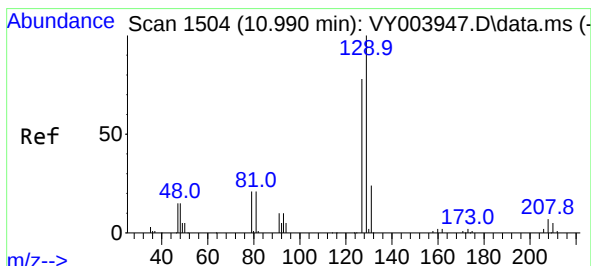
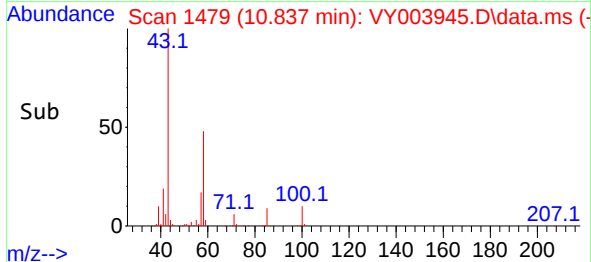
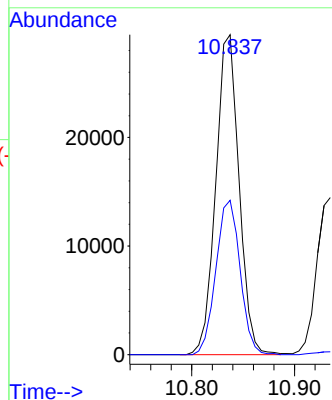


#59  
2-Hexanone  
Concen: 49.51 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

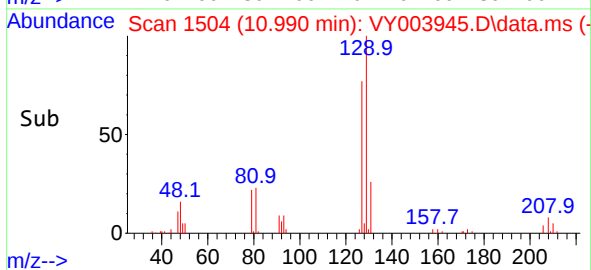
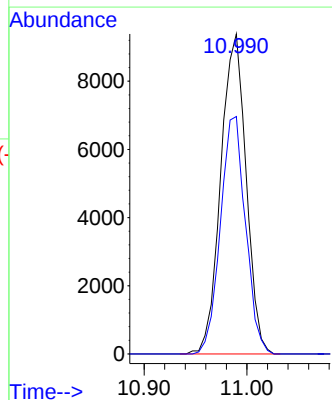
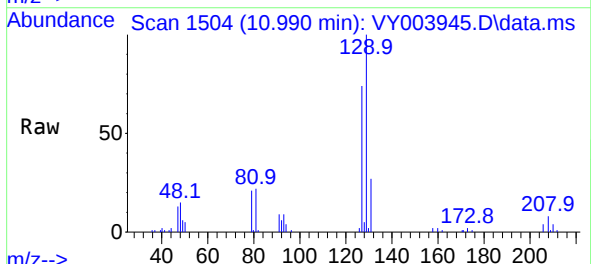


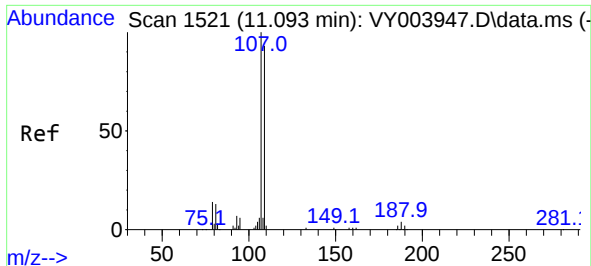
Tgt Ion: 43 Resp: 46257  
Ion Ratio Lower Upper  
43 100  
58 50.1 24.8 74.4



#60  
Dibromochloromethane  
Concen: 10.64 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

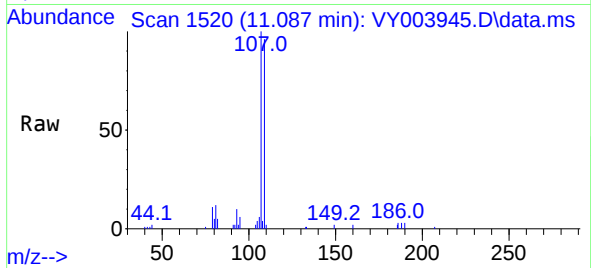
Tgt Ion: 129 Resp: 16054  
Ion Ratio Lower Upper  
129 100  
127 73.5 39.1 117.3





#61  
1,2-Dibromoethane  
Concen: 10.35 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

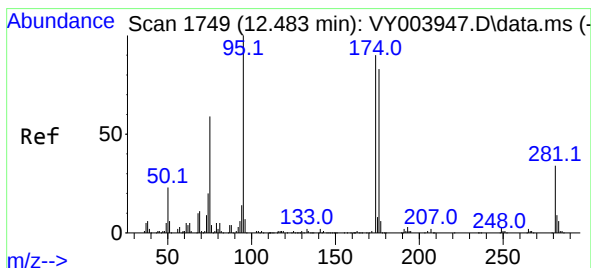
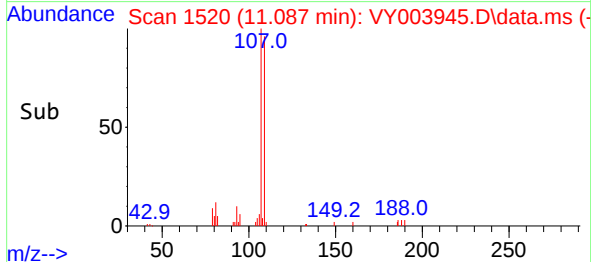
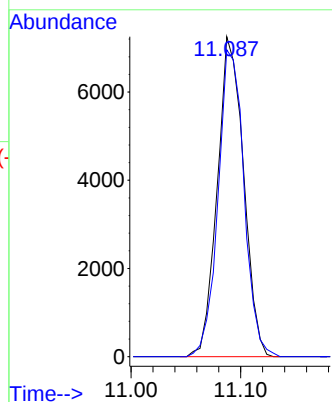
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010



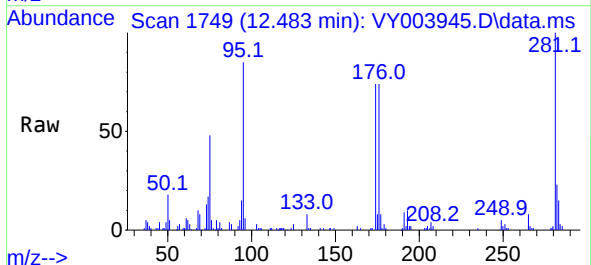
Tgt Ion:107 Resp: 12047  
Ion Ratio Lower Upper  
107 100  
109 94.8 74.0 111.0

Manual Integrations  
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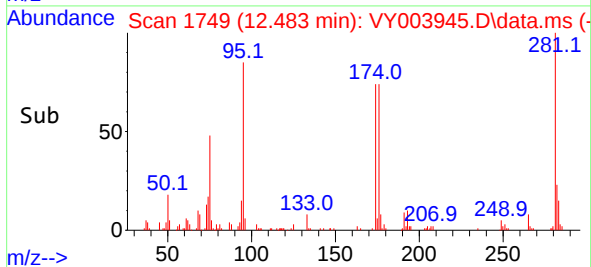
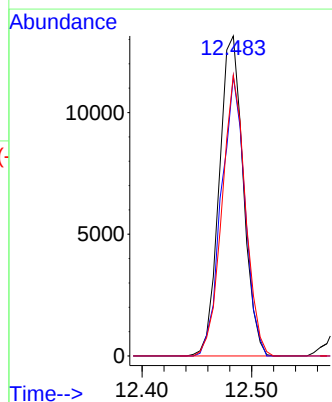
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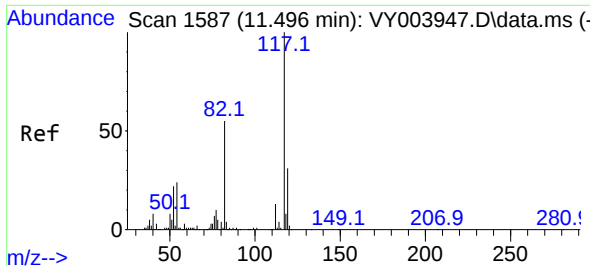


#62  
4-Bromofluorobenzene  
Concen: 10.66 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



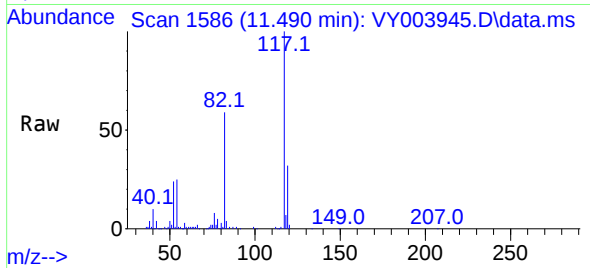
Tgt Ion: 95 Resp: 19998  
Ion Ratio Lower Upper  
95 100  
174 85.6 0.0 184.4  
176 85.7 0.0 177.2





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

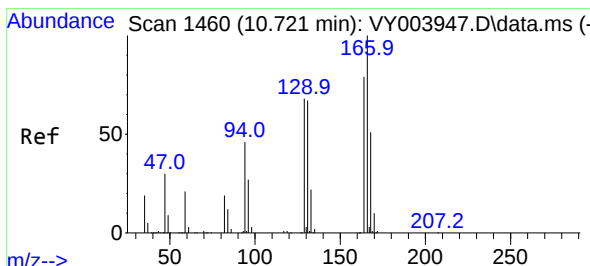
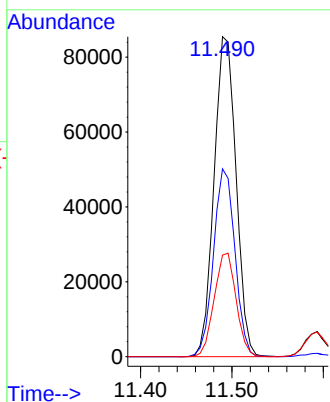
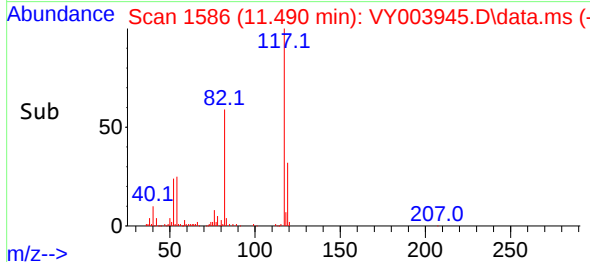
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010



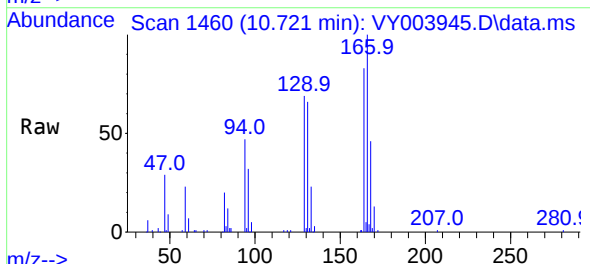
Tgt Ion:117 Resp: 143210  
Ion Ratio Lower Upper  
117 100  
82 58.7 44.3 66.5  
119 31.7 25.0 37.6

Manual Integrations  
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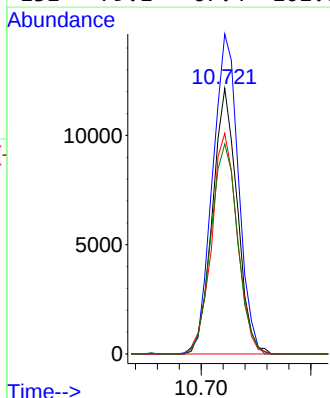
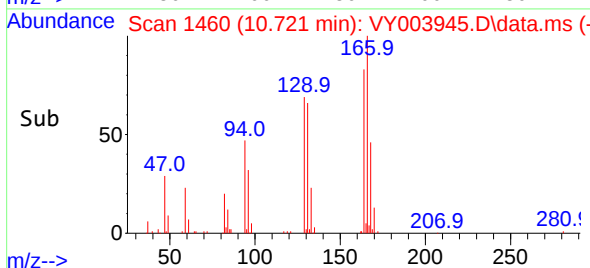
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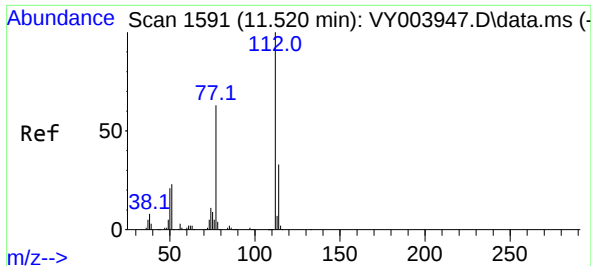


#64  
Tetrachloroethene  
Concen: 10.71 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



Tgt Ion:164 Resp: 19046  
Ion Ratio Lower Upper  
164 100  
166 120.5 101.0 151.4  
129 83.1 68.9 103.3  
131 79.1 67.4 101.0





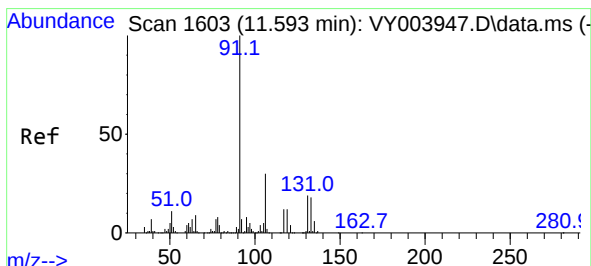
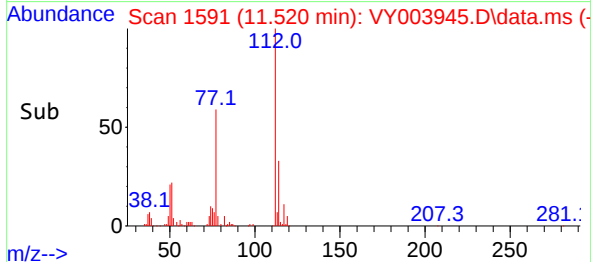
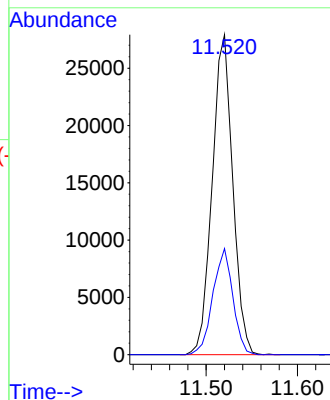
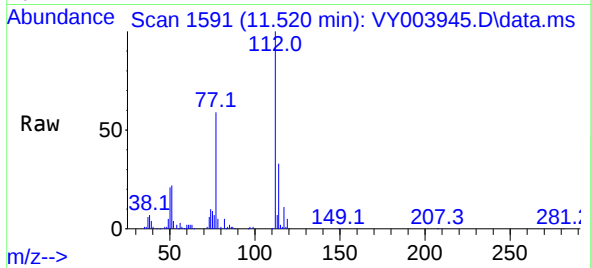
#65  
Chlorobenzene  
Concen: 10.59 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion:112 Resp: 43558  
Ion Ratio Lower Upper  
112 100  
114 33.2 26.1 39.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

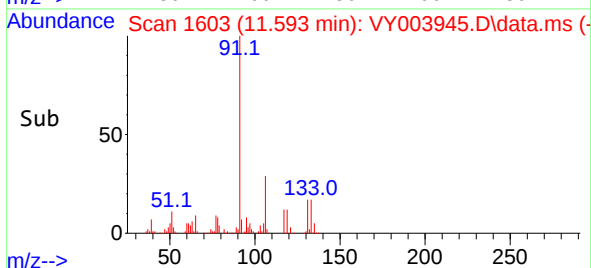
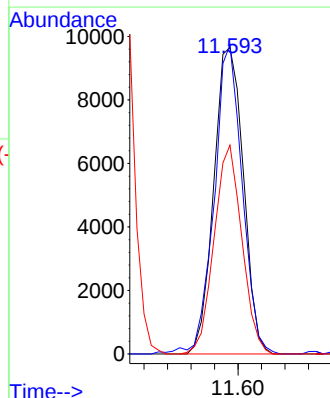
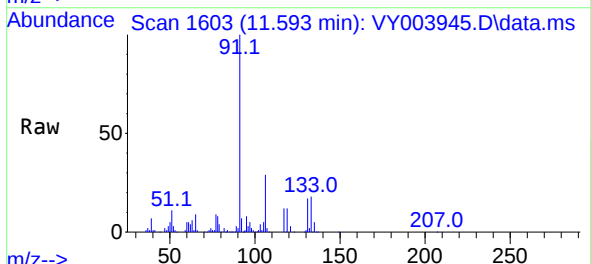
Manual Integrations  
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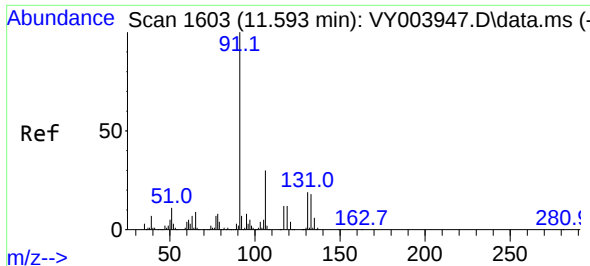
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 10.65 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion:131 Resp: 16827  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.4 142.2  
119 64.2 31.6 94.7





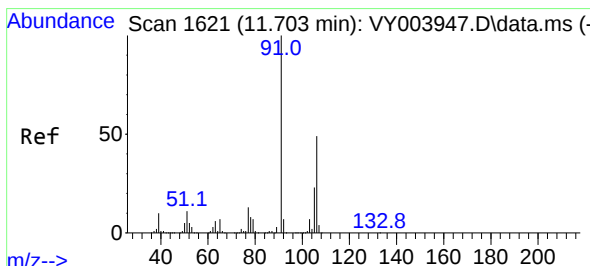
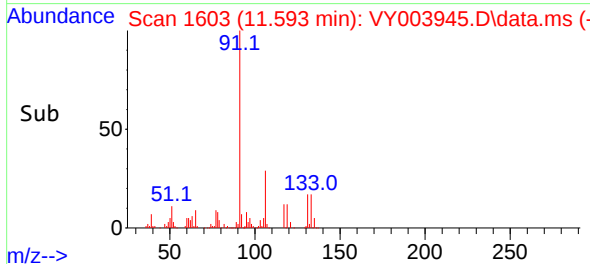
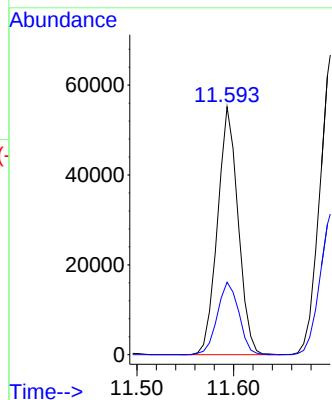
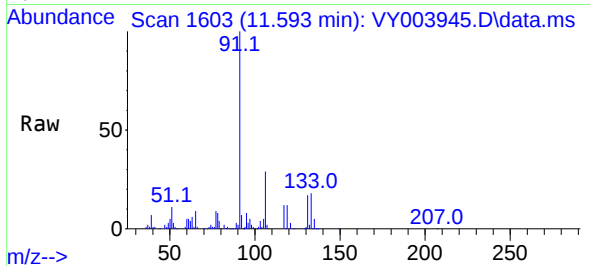
#67  
Ethyl Benzene  
Concen: 10.58 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 91 Resp: 81389  
Ion Ratio Lower Upper  
91 100  
106 29.3 23.9 35.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

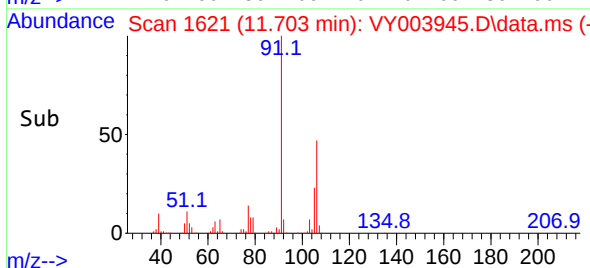
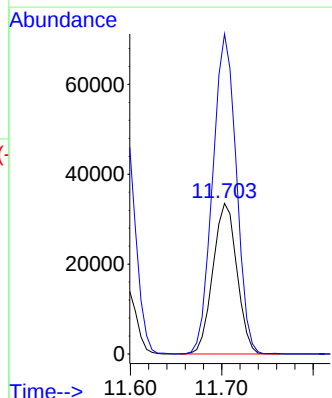
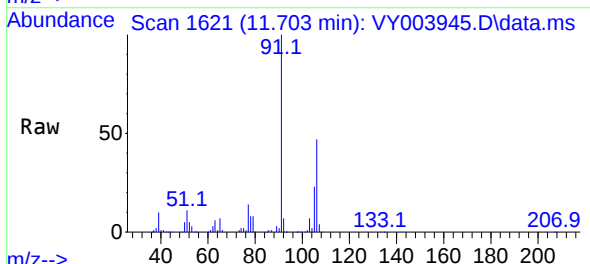
Manual Integrations  
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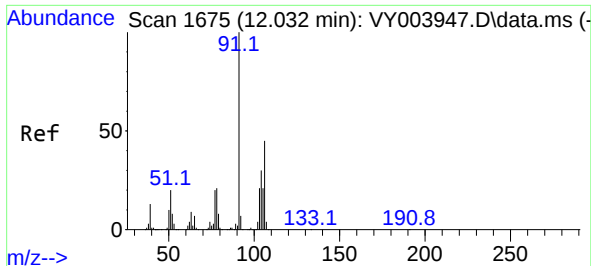
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#68  
m/p-Xylenes  
Concen: 21.34 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 106 Resp: 61163  
Ion Ratio Lower Upper  
106 100  
91 209.2 167.1 250.7





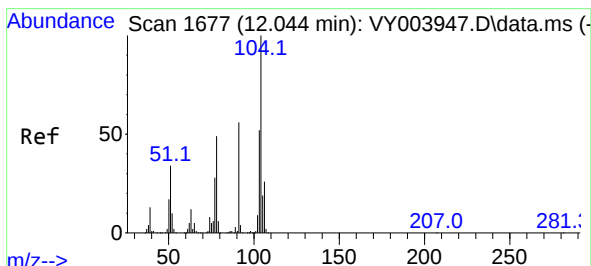
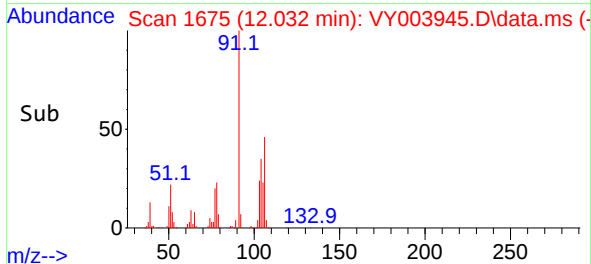
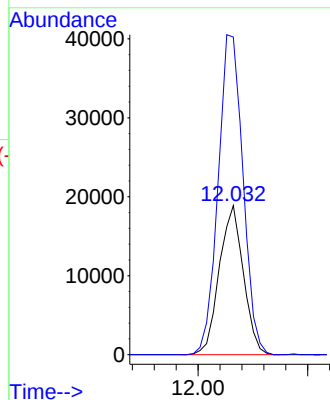
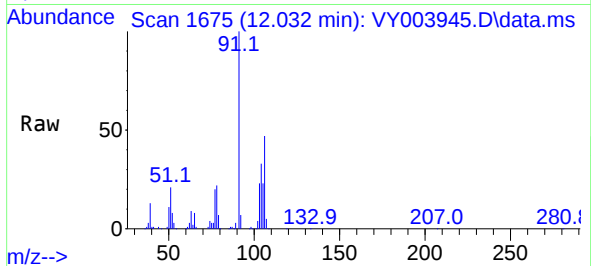
#69  
o-Xylene  
Concen: 10.65 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion:106 Resp: 28843  
Ion Ratio Lower Upper  
106 100  
91 221.3 110.8 332.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

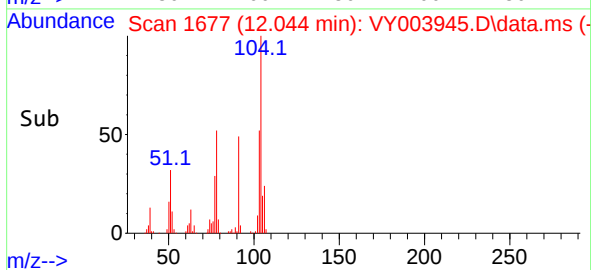
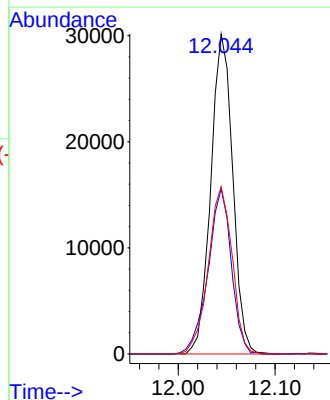
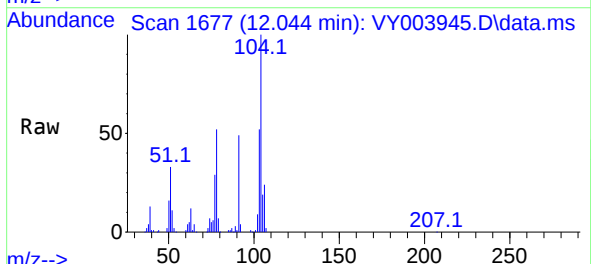
Manual Integrations  
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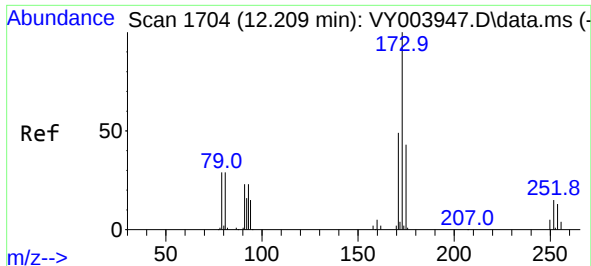
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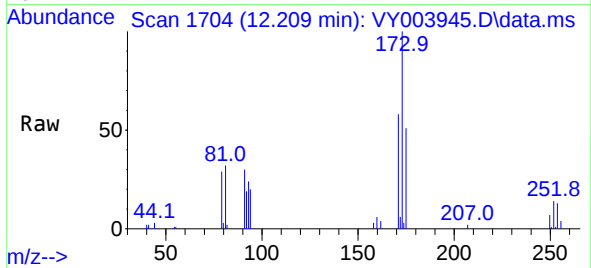
#70  
Styrene  
Concen: 10.24 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion:104 Resp: 47477  
Ion Ratio Lower Upper  
104 100  
78 54.7 43.0 64.4  
103 56.9 45.0 67.4

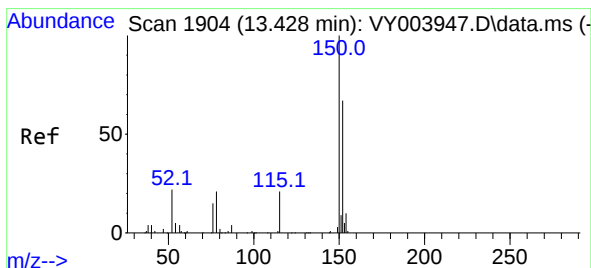
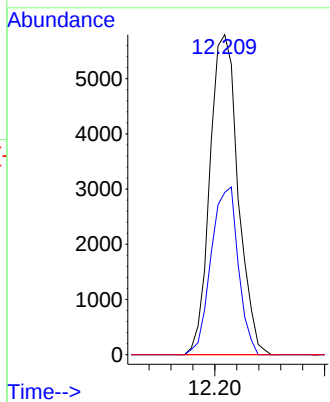
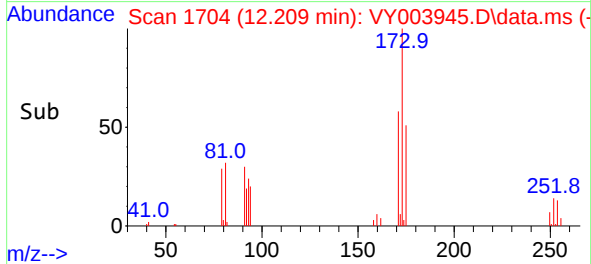




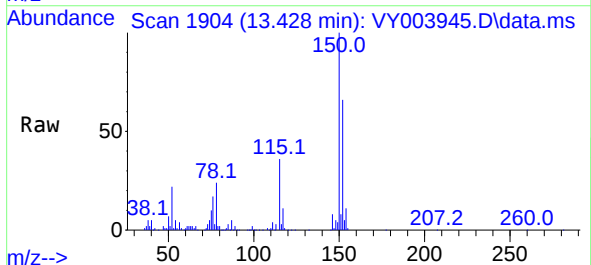
#71  
Bromoform  
Concen: 10.55 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



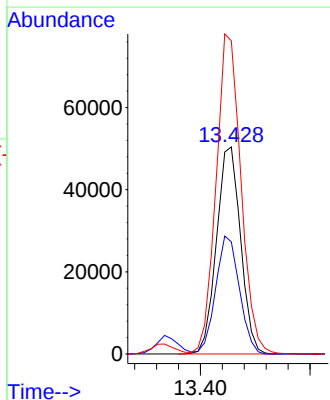
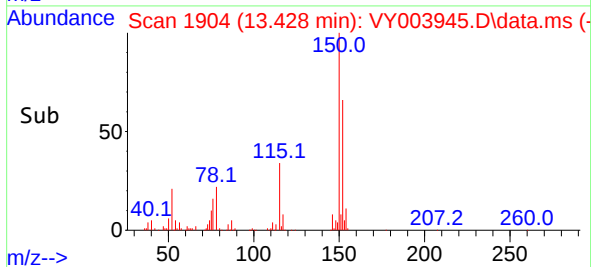
Tgt Ion:173 Resp: 10354  
Ion Ratio Lower Upper  
173 100  
175 50.4 23.4 70.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



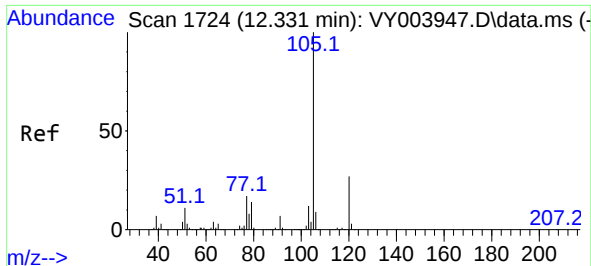
Tgt Ion:152 Resp: 76775  
Ion Ratio Lower Upper  
152 100  
115 56.4 28.2 84.6  
150 159.9 0.0 356.2



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

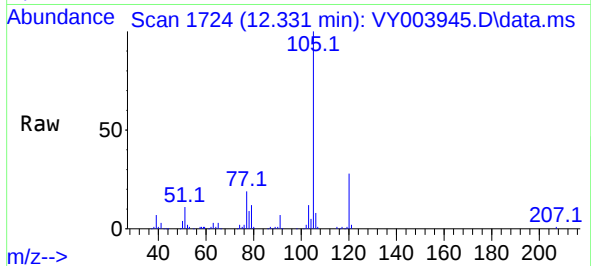
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#73  
Isopropylbenzene  
Concen: 10.71 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

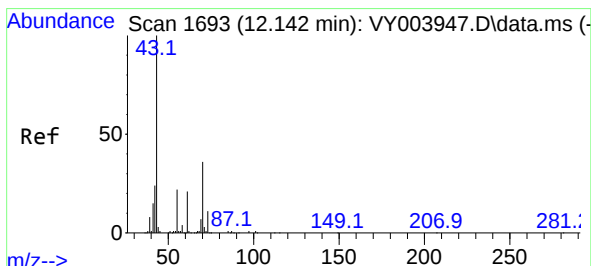
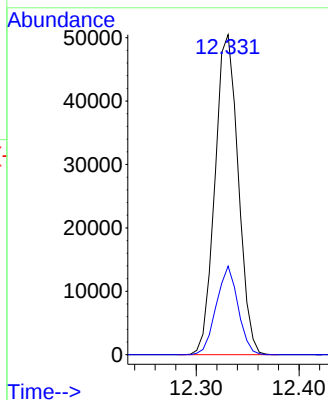
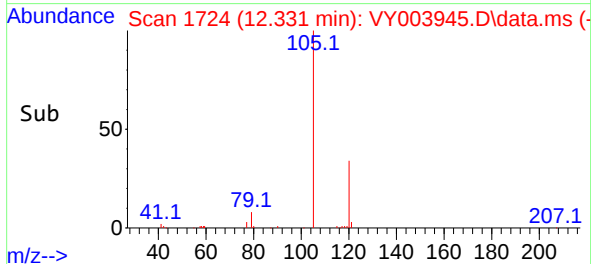
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010



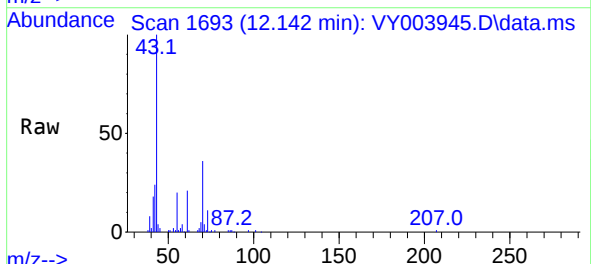
Tgt Ion:105 Resp: 79216  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.6 40.8

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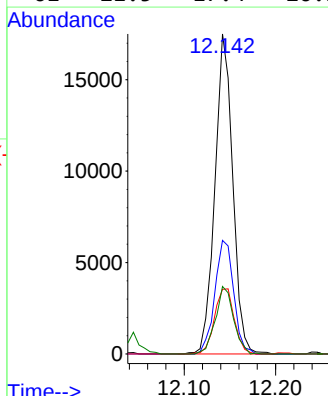
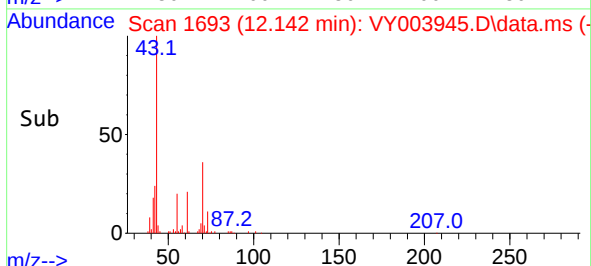
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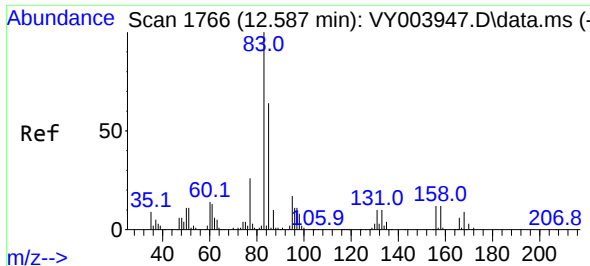


#74  
N-ethyl acetate  
Concen: 10.23 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



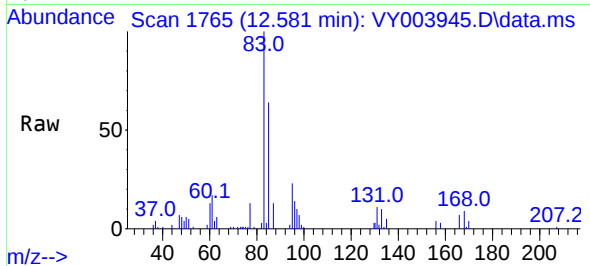
Tgt Ion: 43 Resp: 23742  
Ion Ratio Lower Upper  
43 100  
70 37.4 29.6 44.4  
55 22.6 18.4 27.6  
61 21.5 17.4 26.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 10.05 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

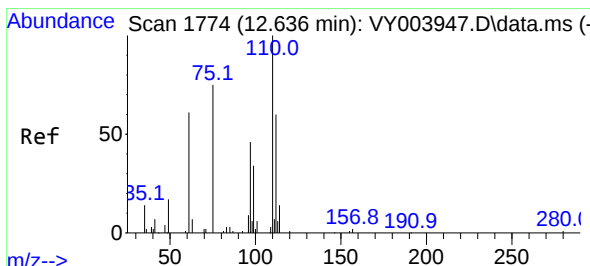
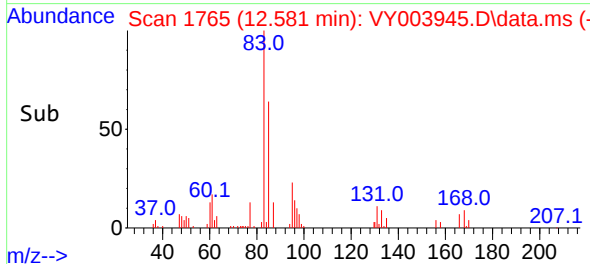
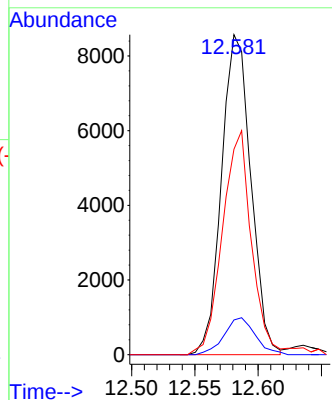
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010



Tgt Ion: 83 Resp: 13812  
Ion Ratio Lower Upper  
83 100  
131 12.3 5.3 16.1  
85 70.9 31.6 94.8

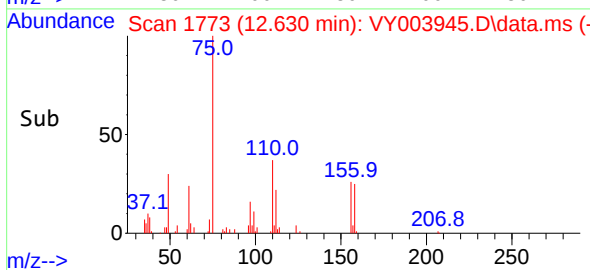
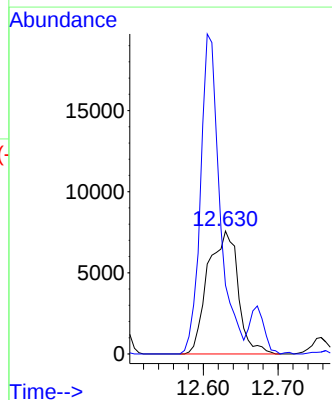
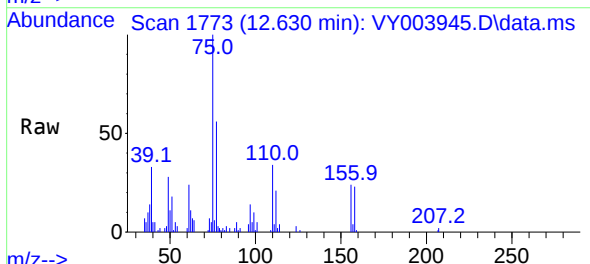
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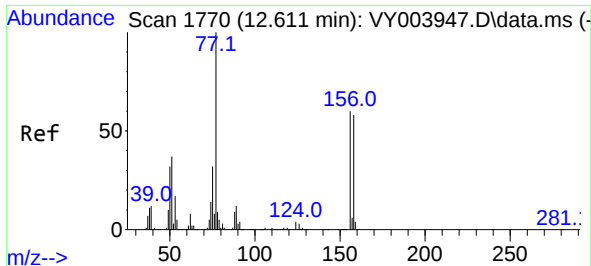
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#76  
1,2,3-Trichloropropane  
Concen: 21.04 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 75 Resp: 21306  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77  
Bromobenzene  
Concen: 10.81 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

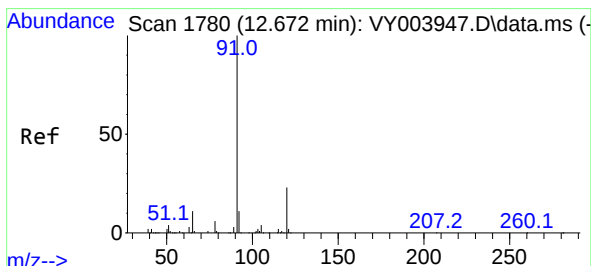
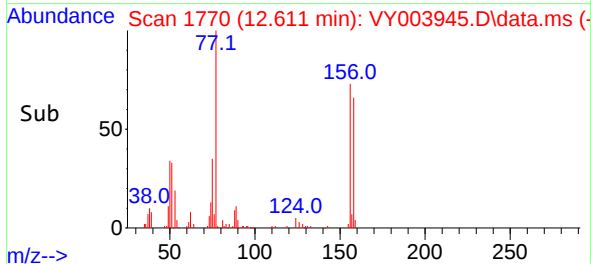
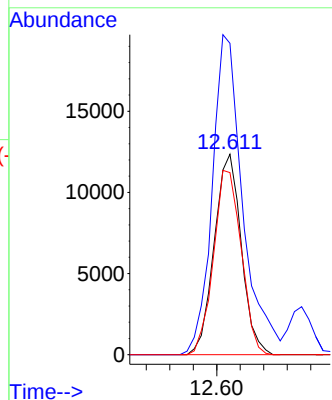
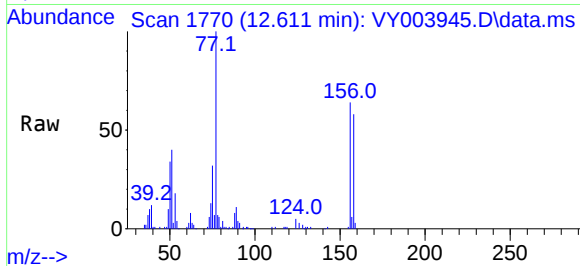
Tgt Ion: 156 Resp: 19751  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 179.6 | 93.8  | 281.6 |
| 158 | 94.1  | 48.8  | 146.4 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

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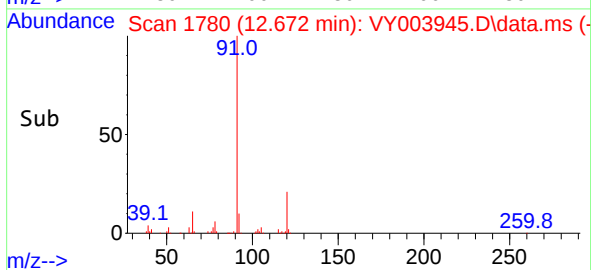
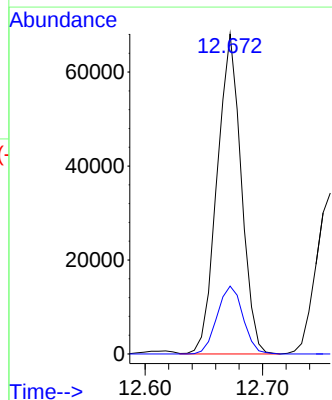
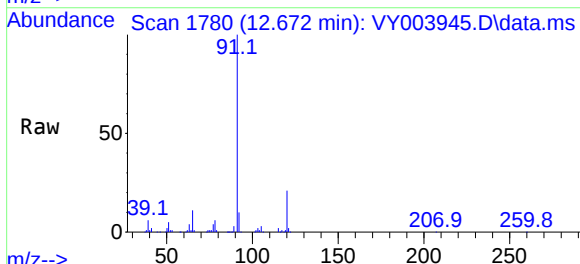
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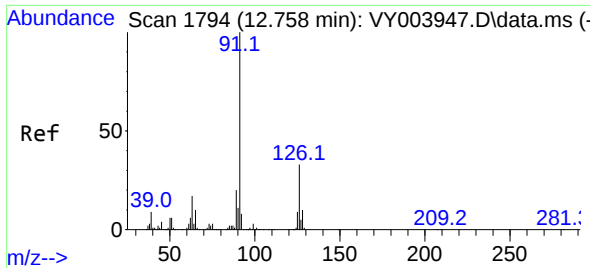


#78  
n-propylbenzene  
Concen: 10.89 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 91 Resp: 97164  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 22.7  | 11.4  | 34.2  |





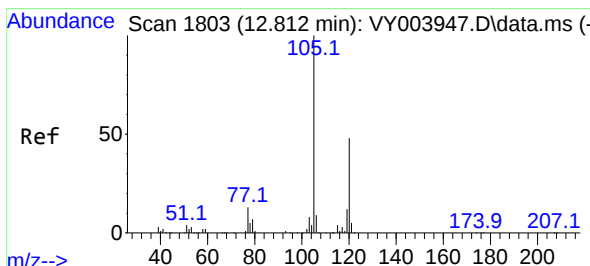
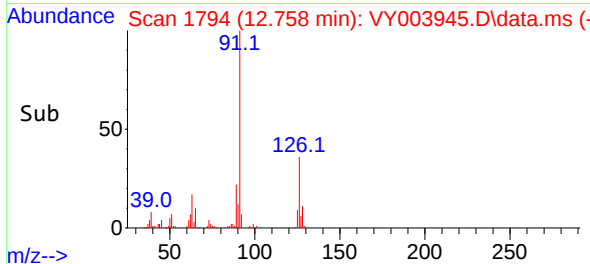
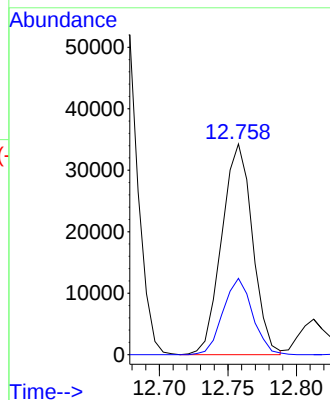
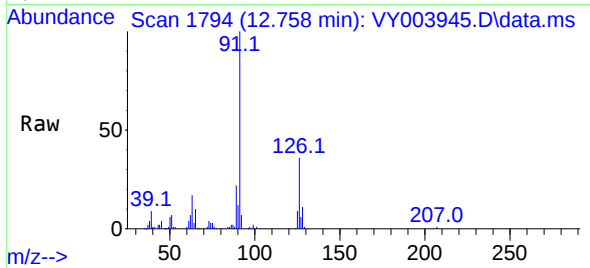
#79  
2-Chlorotoluene  
Concen: 10.73 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 91 Resp: 53706  
Ion Ratio Lower Upper  
91 100  
126 34.7 16.7 50.1

Instrument :  
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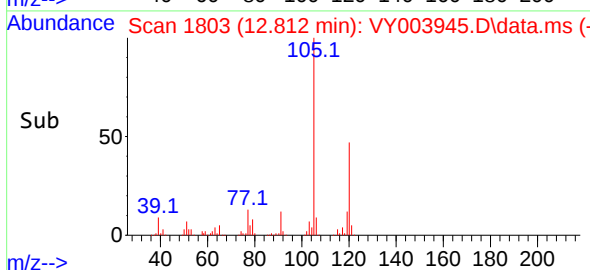
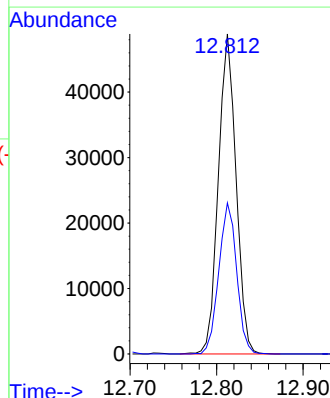
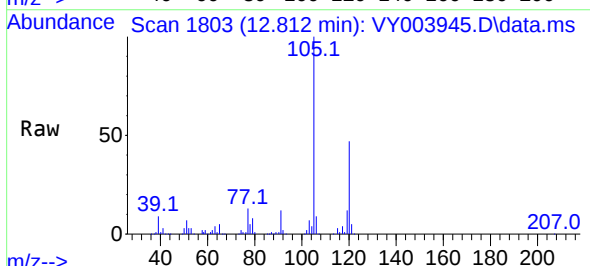
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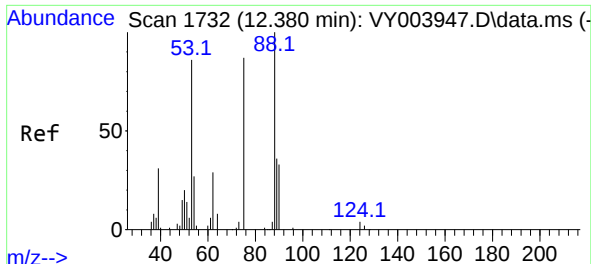
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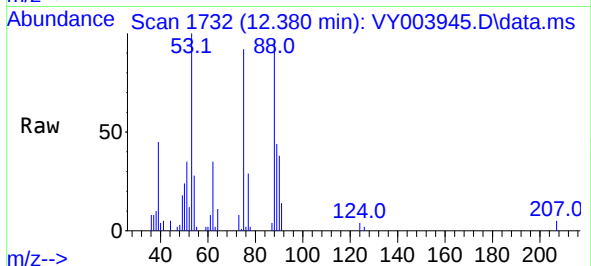
#80  
1,3,5-Trimethylbenzene  
Concen: 10.83 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 105 Resp: 69391  
Ion Ratio Lower Upper  
105 100  
120 47.7 23.9 71.7

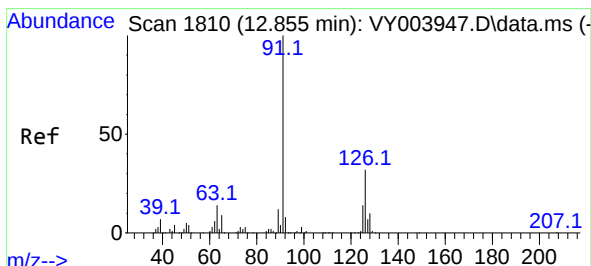
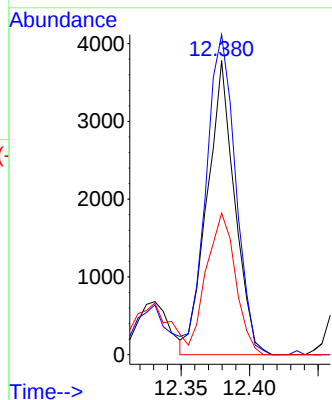
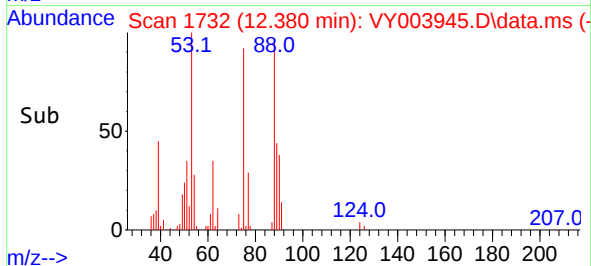




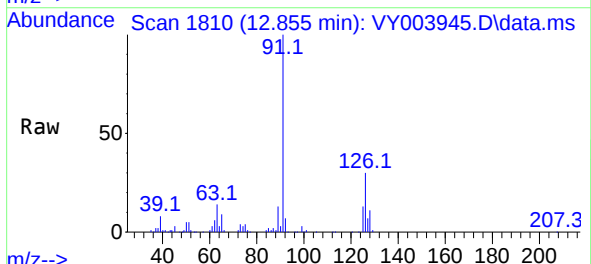
#81  
trans-1,4-Dichloro-2-butene  
Concen: 9.70 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



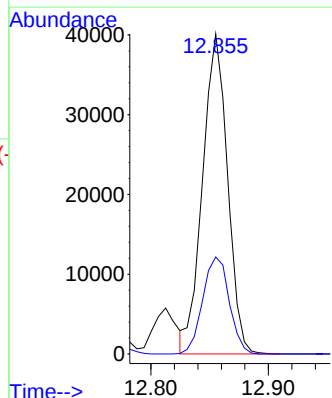
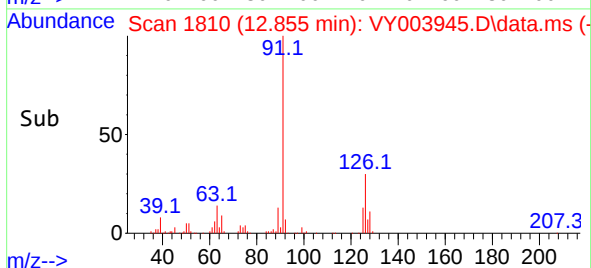
Tgt Ion: 75 Resp: 5286  
Ion Ratio Lower Upper  
75 100  
53 116.3 78.2 117.2  
89 50.7 34.8 52.2



#82  
4-Chlorotoluene  
Concen: 11.22 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53



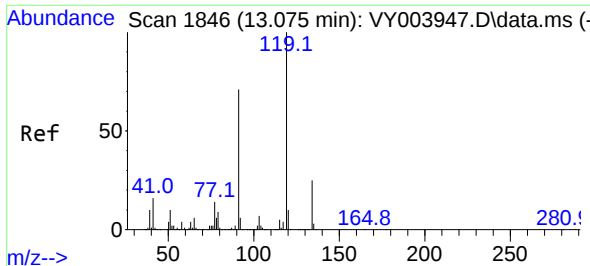
Tgt Ion: 91 Resp: 59220  
Ion Ratio Lower Upper  
91 100  
126 32.1 16.9 50.6



Instrument :  
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ClientSampleId :  
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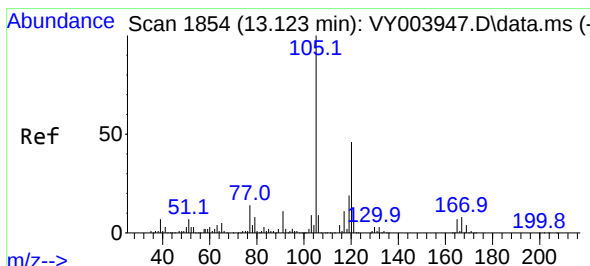
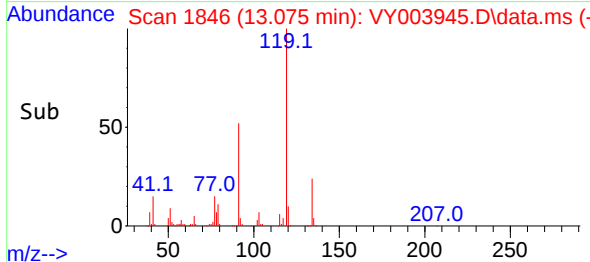
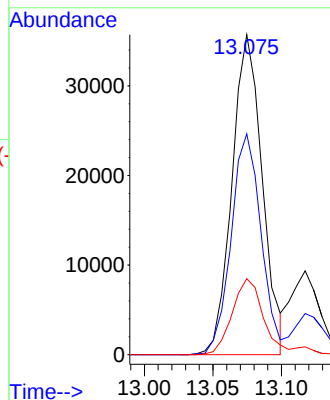
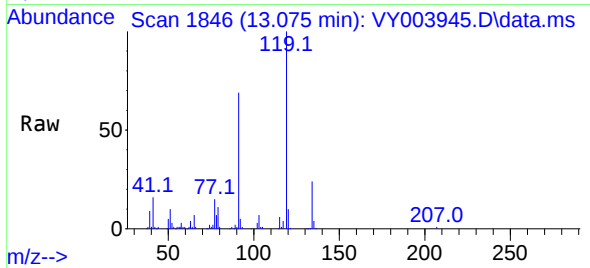
#83  
tert-Butylbenzene  
Concen: 10.48 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion:119 Resp: 55007  
Ion Ratio Lower Upper  
119 100  
91 68.0 35.1 105.3  
134 25.7 13.2 39.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

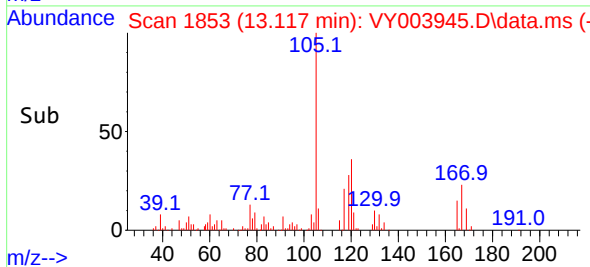
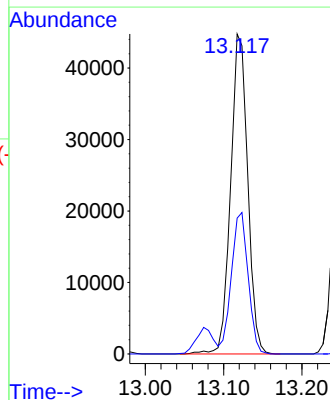
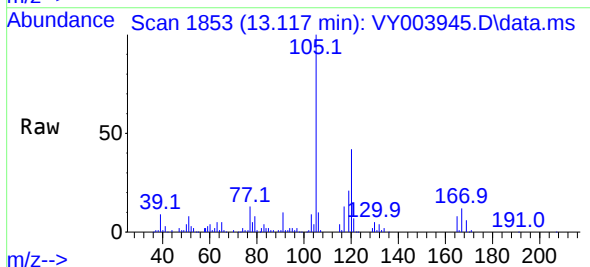
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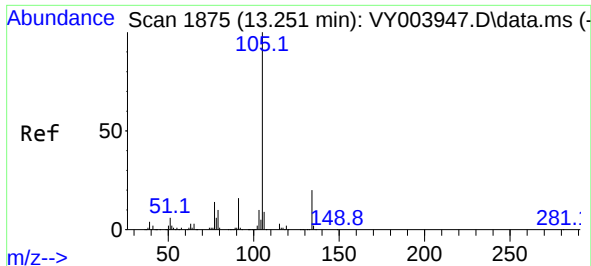
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#84  
1,2,4-Trimethylbenzene  
Concen: 10.61 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion:105 Resp: 67655  
Ion Ratio Lower Upper  
105 100  
120 43.5 22.2 66.6





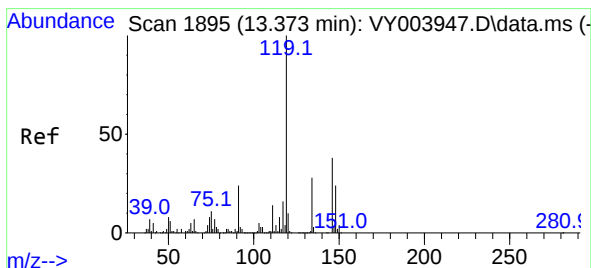
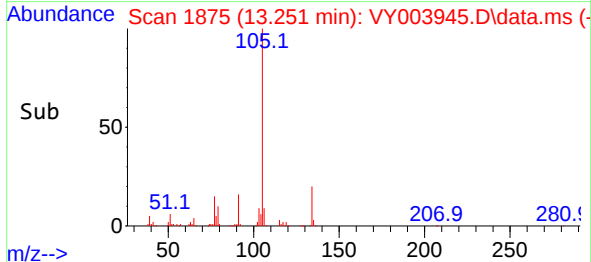
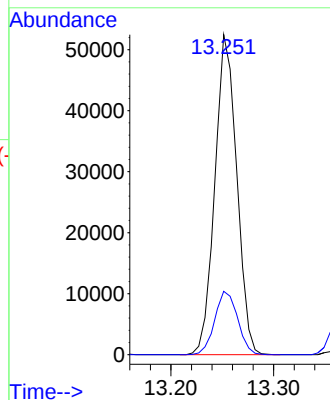
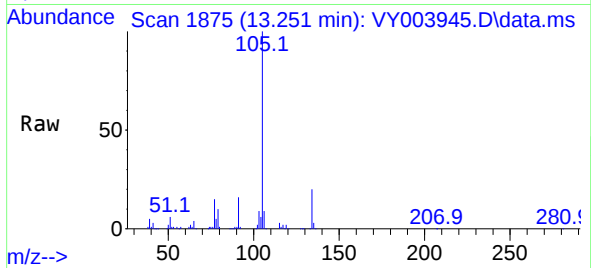
#85  
 sec-Butylbenzene  
 Concen: 10.60 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY003945.D  
 Acq: 27 Jan 2021 11:53

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC010

Tgt Ion:105 Resp: 77433  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.2 30.6

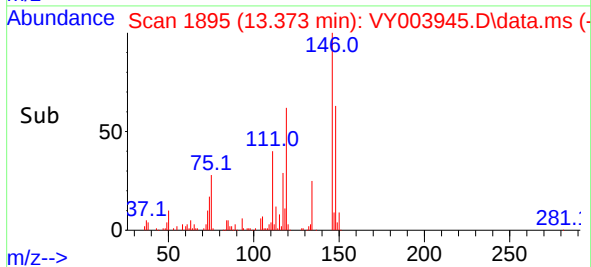
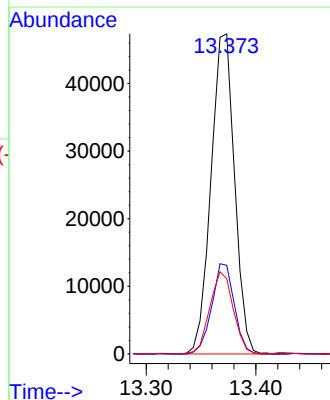
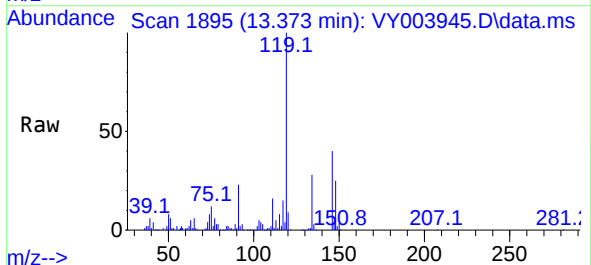
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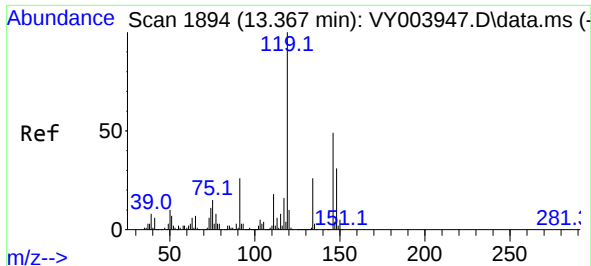
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#86  
 p-Isopropyltoluene  
 Concen: 10.51 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY003945.D  
 Acq: 27 Jan 2021 11:53

Tgt Ion:119 Resp: 70703  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.5 40.5  
 91 25.6 12.8 38.3





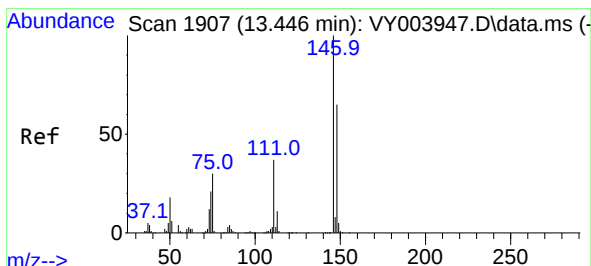
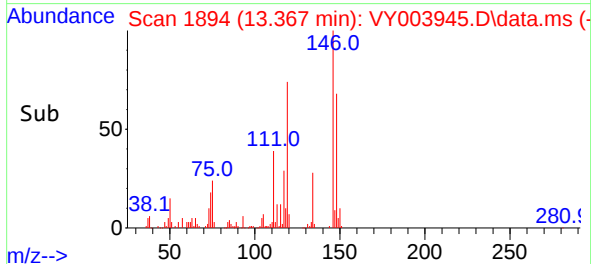
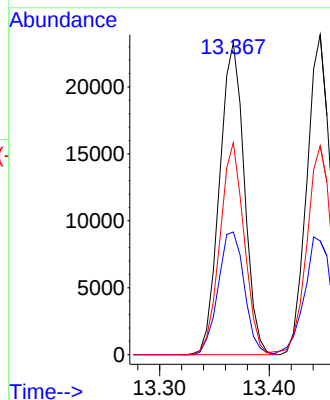
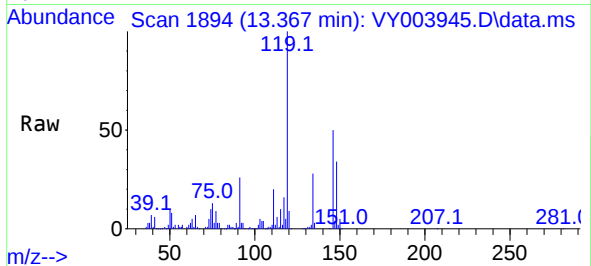
#87  
1,3-Dichlorobenzene  
Concen: 10.54 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 36507 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.8  | 19.5  | 58.5  |
| 148       | 66.7  | 31.7  | 95.1  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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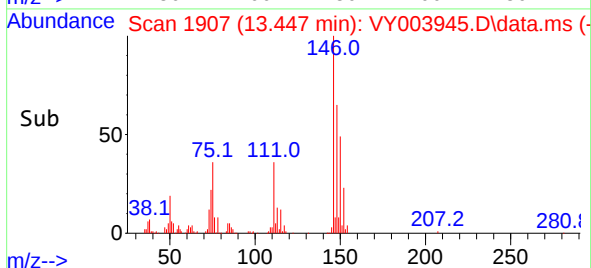
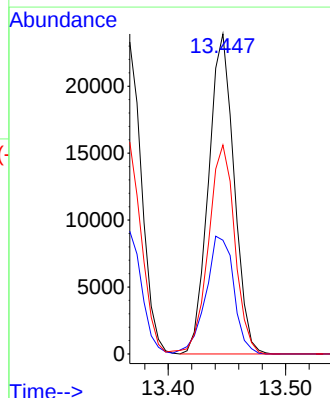
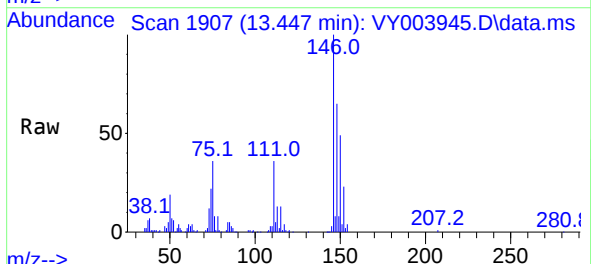
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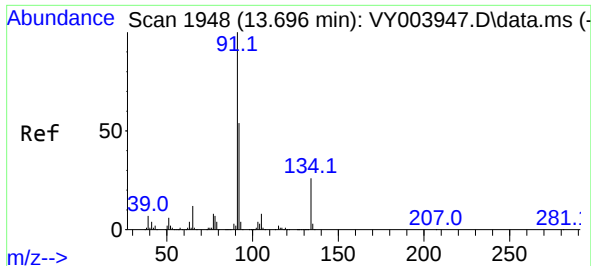
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#88  
1,4-Dichlorobenzene  
Concen: 10.66 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

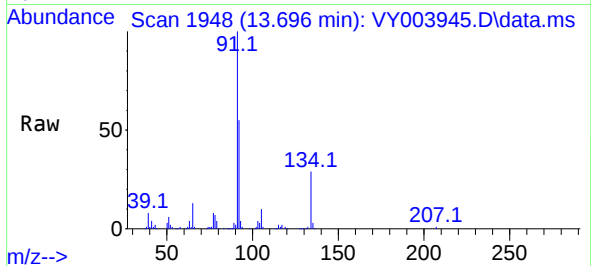
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 36105 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 40.2  | 18.9  | 56.9  |
| 148       | 67.3  | 32.3  | 96.8  |





#89  
n-Butylbenzene  
Concen: 11.05 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

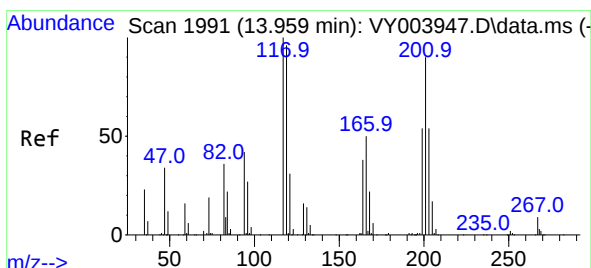
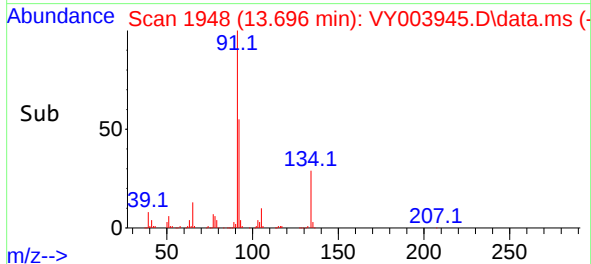
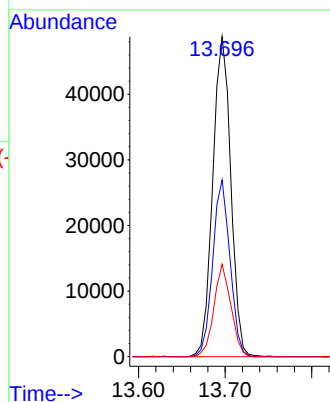


Tgt Ion: 91 Resp: 70567

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.9  | 26.4  | 79.2  |
| 134 | 27.2  | 13.2  | 39.5  |

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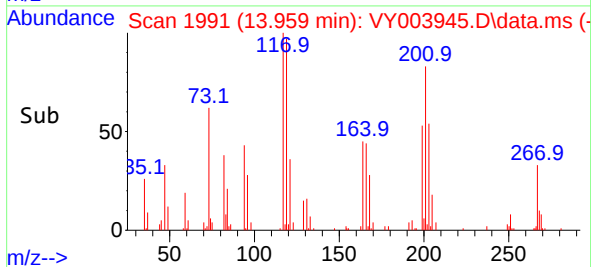
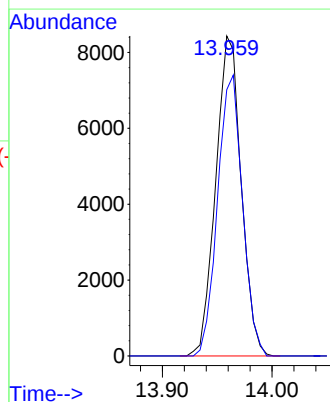
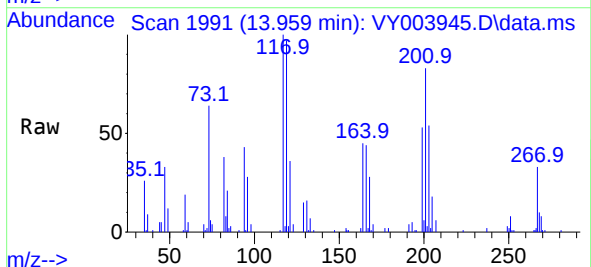
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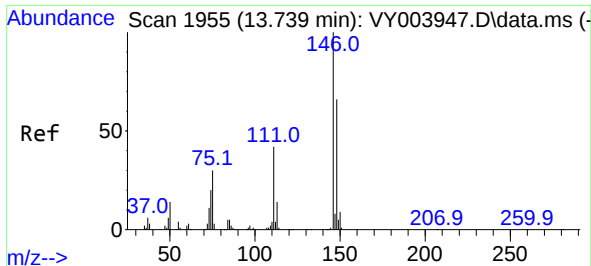


#90  
Hexachloroethane  
Concen: 11.11 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 117 Resp: 13620

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 85.7  | 45.5  | 136.5 |





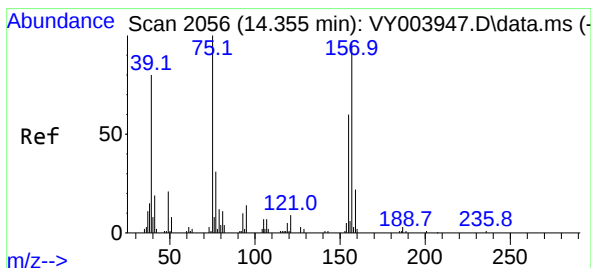
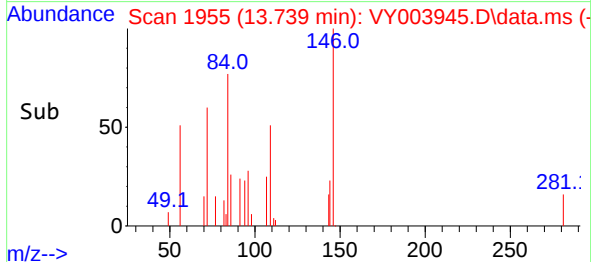
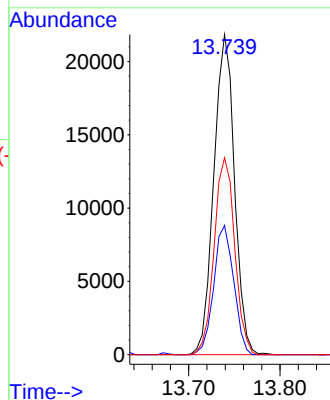
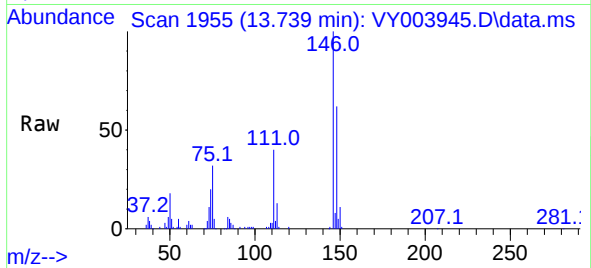
#91  
1,2-Dichlorobenzene  
Concen: 11.26 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

Tgt Ion: 146 Resp: 34380  
Ion Ratio Lower Upper  
146 100  
111 39.0 20.3 61.0  
148 61.2 32.4 97.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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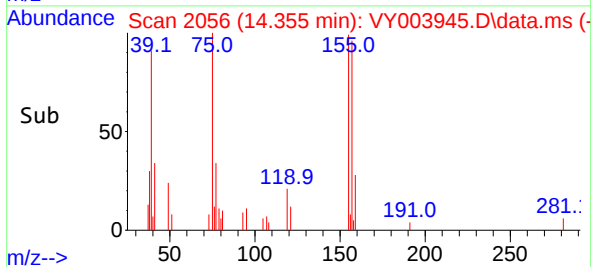
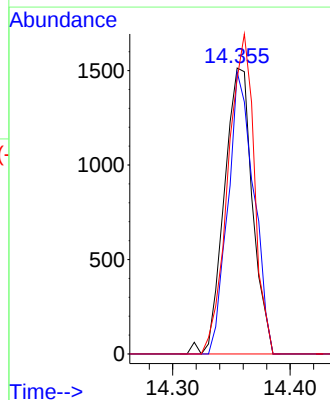
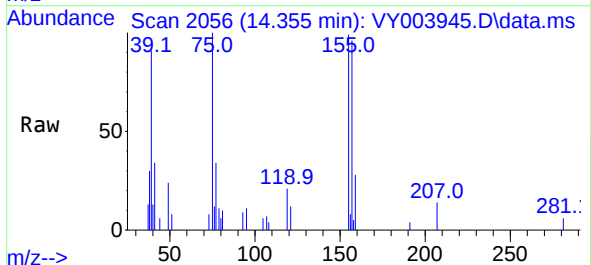
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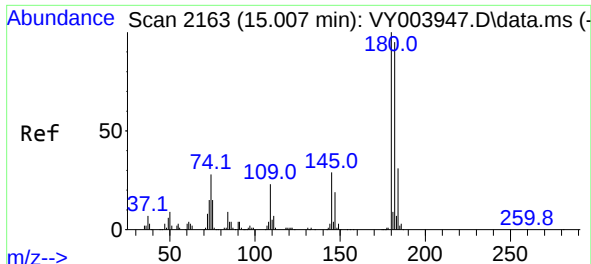
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 9.64 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
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Tgt Ion: 75 Resp: 2531  
Ion Ratio Lower Upper  
75 100  
155 90.4 37.6 112.9  
157 103.7 50.4 151.2





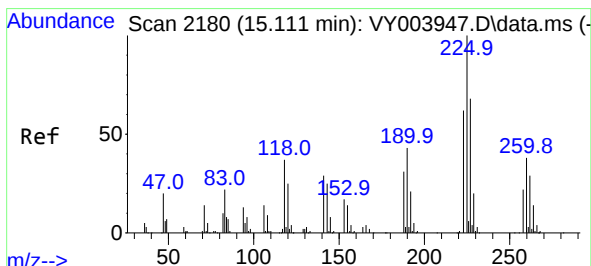
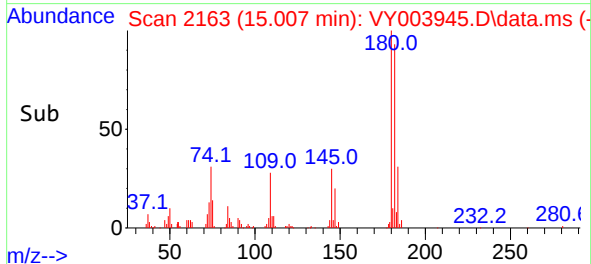
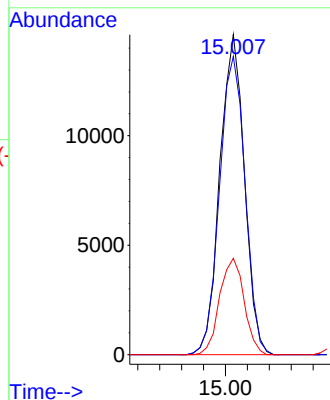
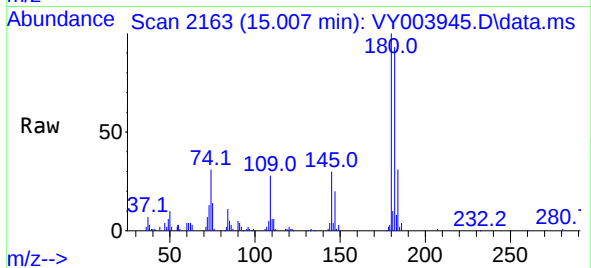
#93  
1,2,4-Trichlorobenzene  
Concen: 10.78 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 22716 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 97.2  | 48.1  | 144.3 |
| 145       | 30.1  | 14.8  | 44.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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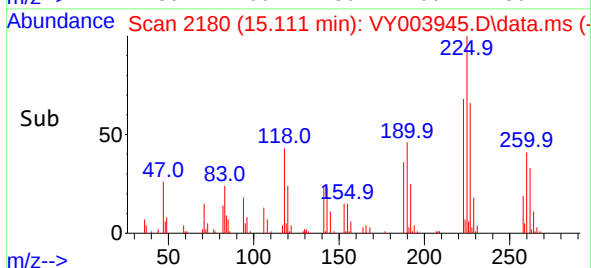
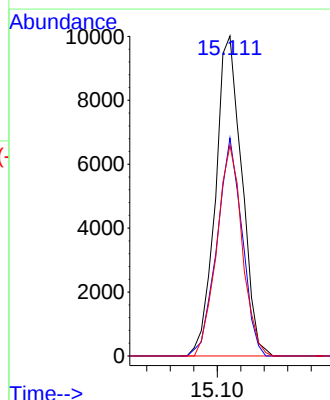
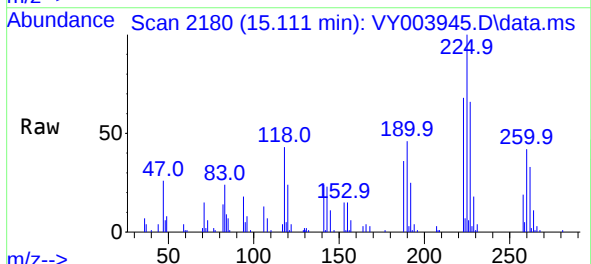
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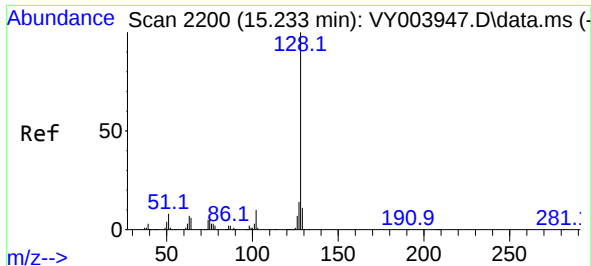
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#94  
Hexachlorobutadiene  
Concen: 11.53 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 15569 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.9  | 31.2  | 93.6  |
| 227       | 63.5  | 32.6  | 97.7  |





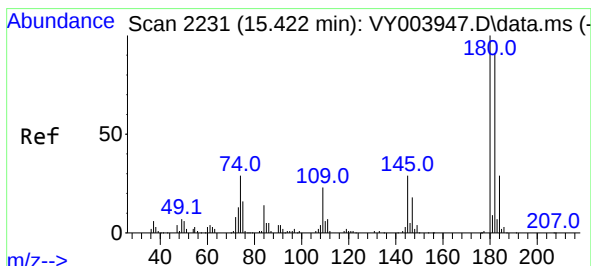
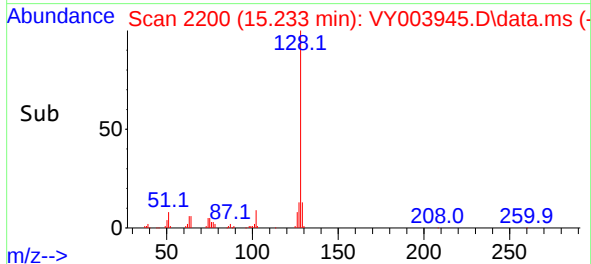
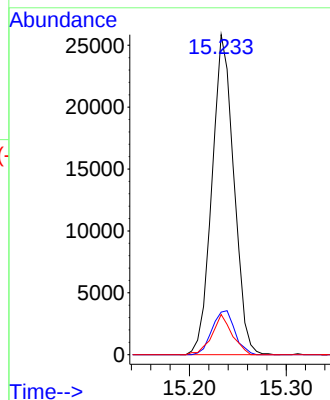
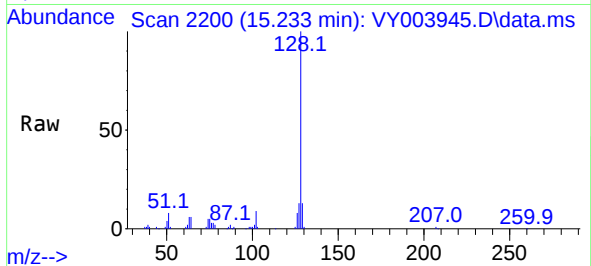
#95  
Naphthalene  
Concen: 10.28 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 40612 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 14.3  | 11.4  | 17.0  |
| 129       | 11.5  | 8.6   | 12.8  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC010

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#96  
1,2,3-Trichlorobenzene  
Concen: 10.80 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. 0.000 min  
Lab File: VY003945.D  
Acq: 27 Jan 2021 11:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 19889 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.1  | 47.7  | 143.1 |
| 145       | 29.9  | 15.2  | 45.6  |

