

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011121\  
 Data File : VX020548.D  
 Acq On : 11 Jan 2021 13:26  
 Operator : JC/MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Manual Integrations  
 APPROVED

MMDadoda  
 1/12/2021 10:54:08 AM

Quant Time: Jan 11 14:20:04 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 11 14:17:47 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|------------------------------|----------------|------|------------|---------|-------|----------|
| -----                        |                |      |            |         |       |          |
| Internal Standards           |                |      |            |         |       |          |
| 1) Pentafluorobenzene        | 5.629          | 168  | 181864     | 50.00   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.830          | 114  | 272372     | 50.00   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.092         | 117  | 252399     | 50.00   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.061         | 152  | 129170     | 50.00   | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |            |         |       |          |
| 33) 1,2-Dichloroethane-d4    | 6.025          | 65   | 41450      | 17.68   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = | 35.36%# |       |          |
| 35) Dibromofluoromethane     | 5.458          | 113  | 36240      | 20.66   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = | 41.32%# |       |          |
| 50) Toluene-d8               | 8.696          | 98   | 127576     | 19.01   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = | 38.02%# |       |          |
| 62) 4-Bromofluorobenzene     | 11.122         | 95   | 45405      | 18.22   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = | 36.44%# |       |          |
| Target Compounds             |                |      |            |         |       |          |
|                              |                |      |            |         |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.185          | 85   | 35373      | 17.86   | ug/l  | 99       |
| 3) Chloromethane             | 1.313          | 50   | 31261      | 14.22   | ug/l  | 97       |
| 4) Vinyl Chloride            | 1.392          | 62   | 36417      | 14.96   | ug/l  | 99       |
| 5) Bromomethane              | 1.636          | 94   | 25713      | 28.20   | ug/l  | 99       |
| 6) Chloroethane              | 1.715          | 64   | 23241      | 15.51   | ug/l  | 97       |
| 7) Trichlorofluoromethane    | 1.916          | 101  | 57793      | 17.80   | ug/l  | 99       |
| 8) Diethyl Ether             | 2.166          | 74   | 20221      | 15.19   | ug/l  | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.367          | 101  | 33462      | 18.21   | ug/l  | 95       |
| 10) Methyl Iodide            | 2.489          | 142  | 44022      | 19.06   | ug/l  | 97       |
| 11) Tert butyl alcohol       | 3.044          | 59   | 35812      | 68.70   | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 2.355          | 96   | 31692      | 17.04   | ug/l  | 95       |
| 13) Acrolein                 | 2.276          | 56   | 26932      | 80.91   | ug/l  | 100      |
| 14) Allyl chloride           | 2.709          | 41   | 43369      | 13.81   | ug/l  | 96       |
| 15) Acrylonitrile            | 3.117          | 53   | 84305      | 70.88   | ug/l  | 99       |
| 16) Acetone                  | 2.428          | 43   | 73498      | 69.88   | ug/l  | 100      |
| 17) Carbon Disulfide         | 2.550          | 76   | 89387      | 16.42   | ug/l  | 99       |
| 18) Methyl Acetate           | 2.752          | 43   | 35252      | 14.96   | ug/l  | 97       |
| 19) Methyl tert-butyl Ether  | 3.160          | 73   | 103142     | 15.49   | ug/l  | 99       |
| 20) Methylene Chloride       | 2.831          | 84   | 36857      | 15.28   | ug/l  | 94       |
| 21) trans-1,2-Dichloroethene | 3.142          | 96   | 35914      | 16.24   | ug/l  | 94       |
| 22) Diisopropyl ether        | 3.818          | 45   | 90602      | 14.24   | ug/l  | 91       |
| 23) Vinyl Acetate            | 3.782          | 43   | 381256     | 70.70   | ug/l  | 98       |
| 24) 1,1-Dichloroethane       | 3.666          | 63   | 59179      | 15.48   | ug/l  | 99       |
| 25) 2-Butanone               | 4.635          | 43   | 107566     | 70.39   | ug/l  | 93       |
| 26) 2,2-Dichloropropane      | 4.550          | 77   | 54414      | 16.87   | ug/l  | 99       |
| 27) cis-1,2-Dichloroethene   | 4.562          | 96   | 39395      | 15.97   | ug/l  | 94       |
| 28) Bromochloromethane       | 4.977          | 49   | 24452      | 14.58   | ug/l  | 84       |
| 29) Tetrahydrofuran          | 5.093          | 42   | 66704      | 69.51   | ug/l  | 95       |
| 30) Chloroform               | 5.172          | 83   | 65906      | 16.77   | ug/l  | 98       |
| 31) Cyclohexane              | 5.550          | 56   | 47751      | 14.57   | ug/l  | 95       |
| 32) 1,1,1-Trichloroethane    | 5.464          | 97   | 59300      | 17.66   | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 5.769          | 75   | 46079      | 17.01   | ug/l  | 99       |
| 37) Ethyl Acetate            | 4.794          | 43   | 40687      | 15.08   | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 5.751          | 117  | 54511      | 20.55   | ug/l  | 98       |
| 39) Methylcyclohexane        | 7.440          | 83   | 51049      | 16.18   | ug/l  | 97       |
| 40) Benzene                  | 6.111          | 78   | 139884     | 16.89   | ug/l  | 99       |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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 1/12/2021 10:54:08 AM

Quant Time: Jan 11 14:20:04 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 11 14:17:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 5.001  | 41   | 21804    | 15.22  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.159  | 62   | 50301    | 17.77  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.409  | 43   | 63558    | 14.94  | ug/l   | 98       |
| 44) Trichloroethene           | 7.190  | 130  | 40649    | 18.50  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 7.488  | 63   | 34329    | 16.59  | ug/l   | 95       |
| 46) Dibromomethane            | 7.635  | 93   | 26159    | 18.19  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.873  | 83   | 52329    | 18.95  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.745  | 41   | 31432    | 15.09  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.738  | 88   | 16591    | 335.58 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.616  | 43   | 206706   | 78.36  | ug/l   | 99       |
| 52) Toluene                   | 8.763  | 92   | 89169    | 17.53  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 9.019  | 75   | 51849    | 17.28  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.415  | 75   | 58194    | 17.72  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 9.195  | 97   | 37621    | 18.02  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.159  | 69   | 46438    | 15.50  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.348  | 76   | 59891    | 17.01  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.287  | 63   | 118491   | 75.13  | ug/l   | 94       |
| 59) 2-Hexanone                | 9.470  | 43   | 156560   | 77.86  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.561  | 129  | 42811    | 20.27  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.653  | 107  | 40648    | 18.58  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.317  | 164  | 42639    | 21.51  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.116 | 112  | 96735    | 17.88  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.201 | 131  | 38005    | 19.64  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.232 | 91   | 162100   | 17.36  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.342 | 106  | 128003   | 36.33  | ug/l   | 99       |
| 69) o-Xylene                  | 10.683 | 106  | 58729    | 17.53  | ug/l   | 98       |
| 70) Styrene                   | 10.695 | 104  | 101927   | 17.98  | ug/l   | 99       |
| 71) Bromoform                 | 10.842 | 173  | 30833    | 20.08  | ug/l # | 99       |
| 73) Isopropylbenzene          | 11.000 | 105  | 160817   | 17.27  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.878 | 43   | 48702    | 13.37  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.250 | 83   | 53767    | 16.33  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.280 | 75   | 52018m   | 16.70  | ug/l   |          |
| 77) Bromobenzene              | 11.238 | 156  | 42361    | 17.25  | ug/l   | 94       |
| 78) n-propylbenzene           | 11.341 | 91   | 182405   | 17.03  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.402 | 91   | 111768   | 16.90  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.488 | 105  | 138041   | 17.53  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.055 | 75   | 17335    | 16.57  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.494 | 91   | 131442   | 17.00  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.756 | 119  | 127265   | 16.78  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.786 | 105  | 137888   | 17.28  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.927 | 105  | 153758   | 17.44  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.049 | 119  | 141206   | 17.36  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 12.006 | 146  | 77687    | 17.67  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.079 | 146  | 78611    | 17.18  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.372 | 91   | 116291   | 16.40  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.579 | 117  | 25559    | 18.15  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.372 | 146  | 77350    | 17.75  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.981 | 75   | 12263    | 17.69  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.628 | 180  | 46227    | 16.24  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.762 | 225  | 25933    | 19.56  | ug/l   | 99       |
| 95) Naphthalene               | 13.817 | 128  | 142046   | 16.02  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.999 | 180  | 50922    | 18.03  | ug/l   | 97       |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Quant Time: Jan 11 14:20:04 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
 Quant Title : SW846 8260  
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 Response via : Initial Calibration

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

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

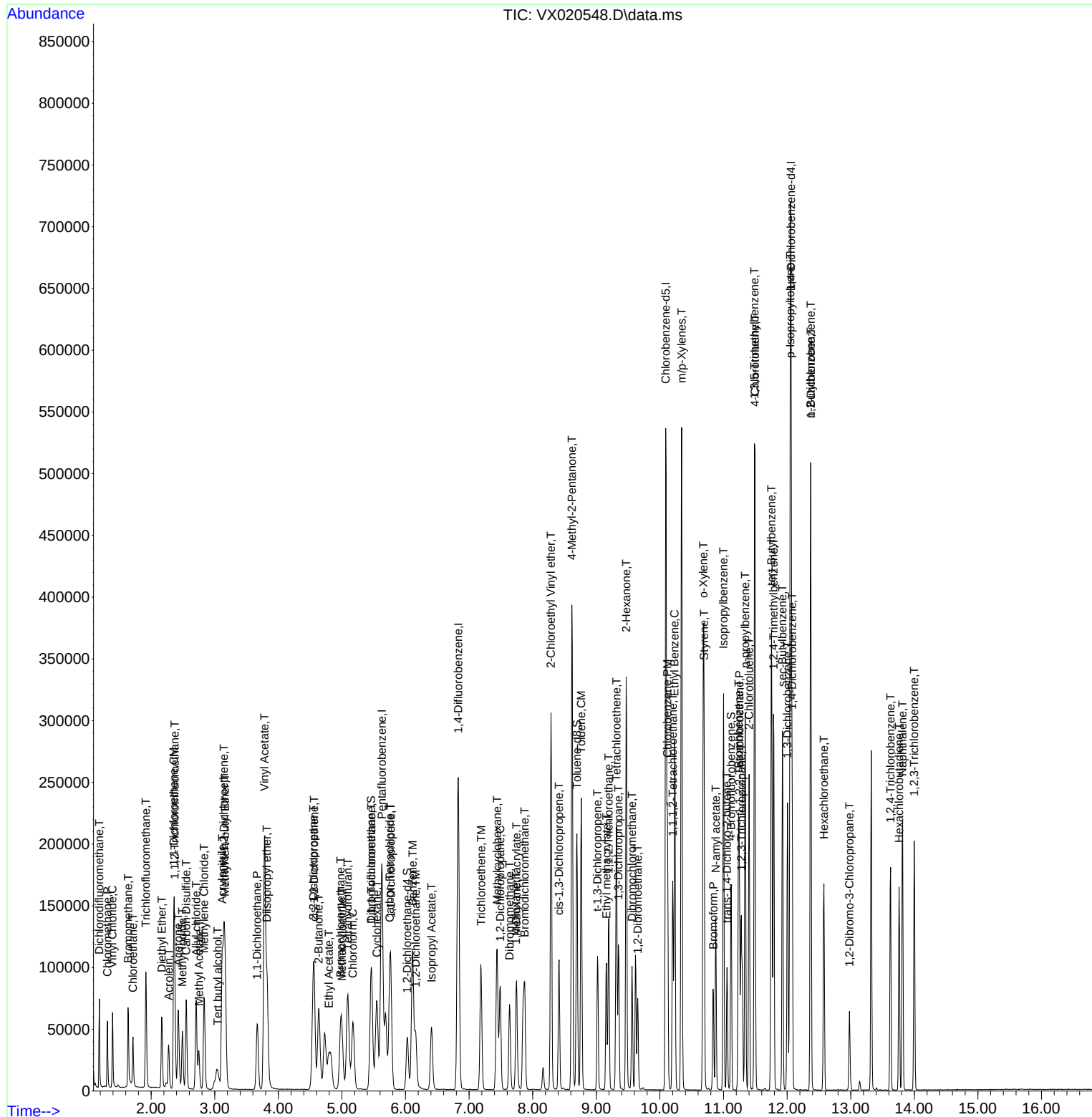
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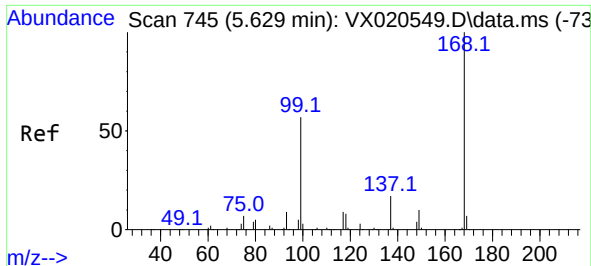
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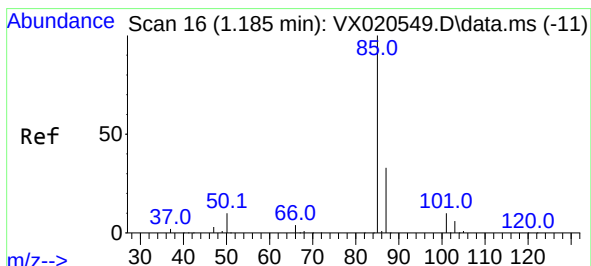
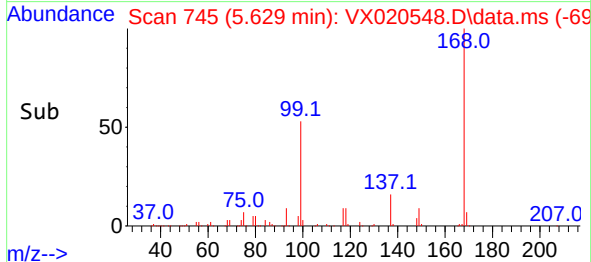
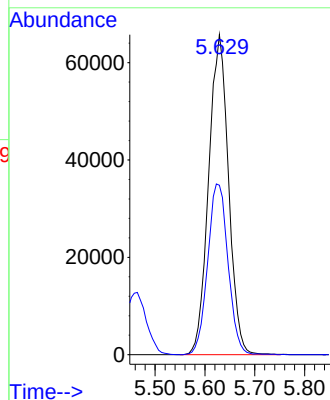
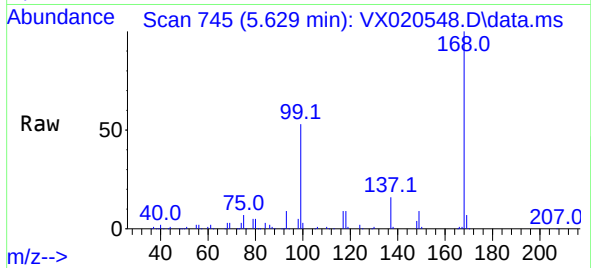
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 168 Resp: 181864  
Ion Ratio Lower Upper  
168 100  
99 52.9 45.8 68.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

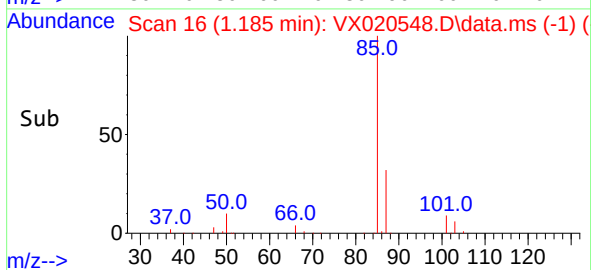
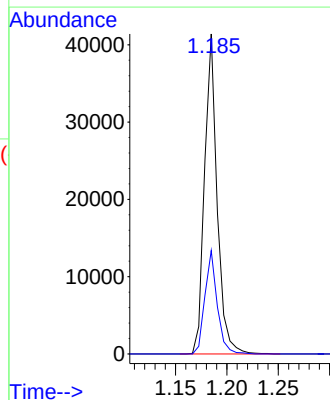
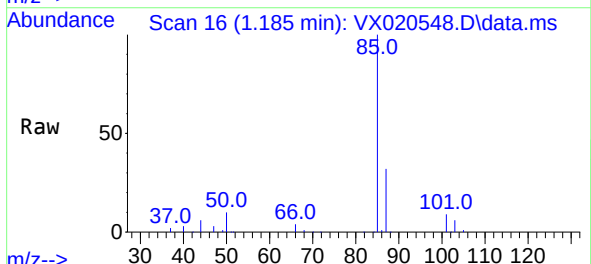
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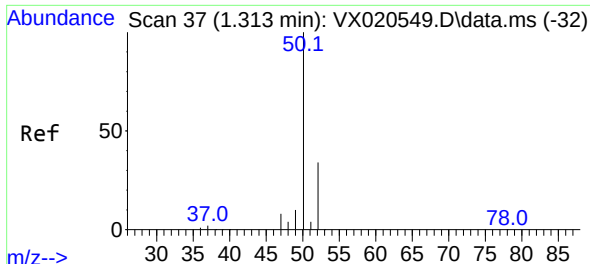
MMDadoda  
1/12/2021 10:54:08 AM



#2  
Dichlorodifluoromethane  
Concen: 17.86 ug/l  
RT: 1.185 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 85 Resp: 35373  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.4 49.2





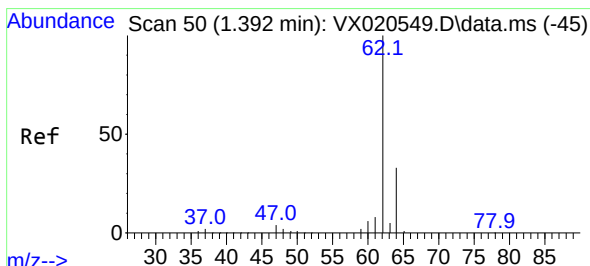
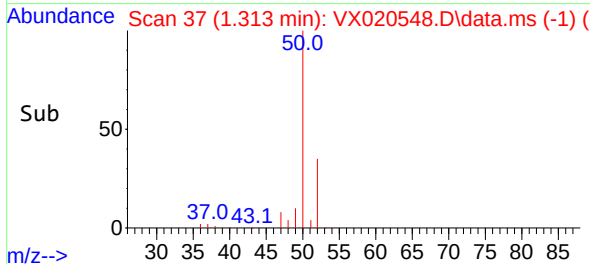
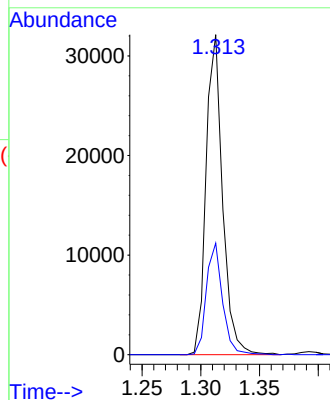
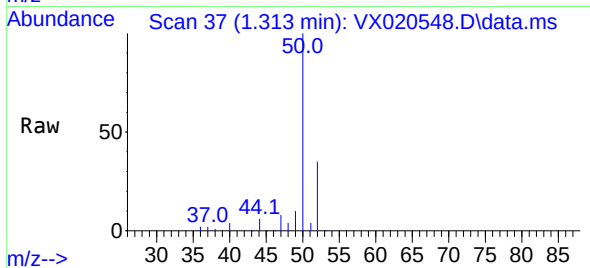
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Chloromethane  
Concen: 14.22 ug/l  
RT: 1.313 min Scan# 37  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 50 Resp: 31261  
Ion Ratio Lower Upper  
50 100  
52 34.9 26.4 39.6

Instrument :  
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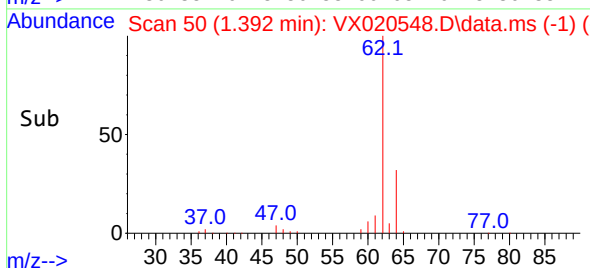
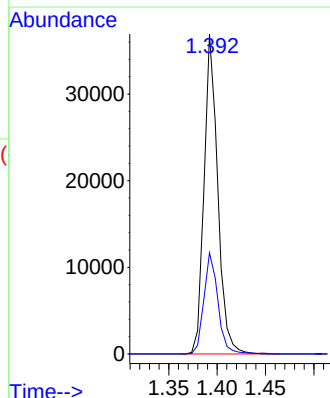
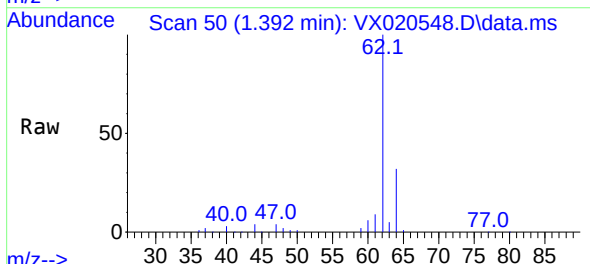
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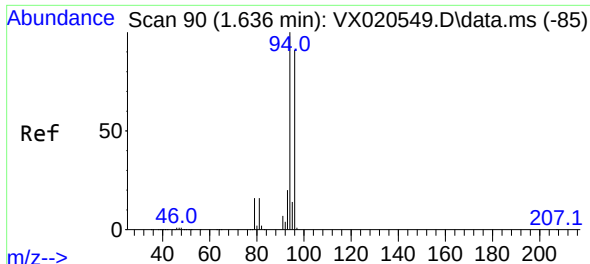
MMDadoda  
1/12/2021 10:54:08 AM



#4  
Vinyl Chloride  
Concen: 14.96 ug/l  
RT: 1.392 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

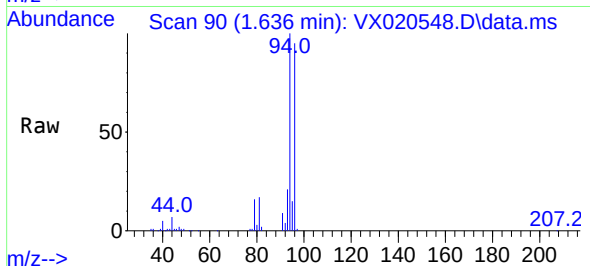
Tgt Ion: 62 Resp: 36417  
Ion Ratio Lower Upper  
62 100  
64 31.6 25.7 38.5





#5  
Bromomethane  
Concen: 28.20 ug/l  
RT: 1.636 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

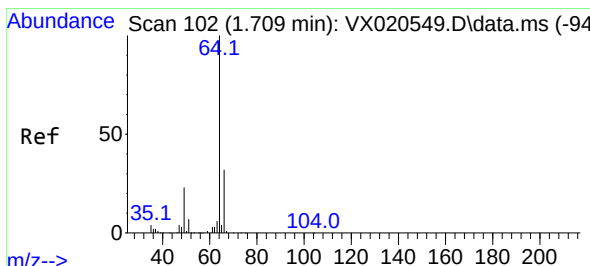
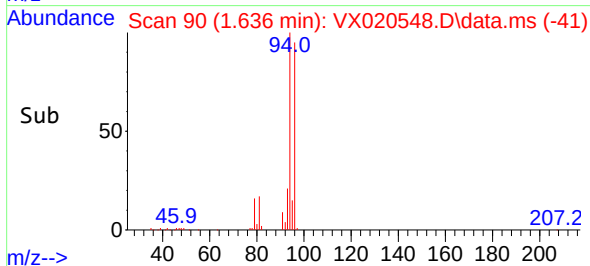
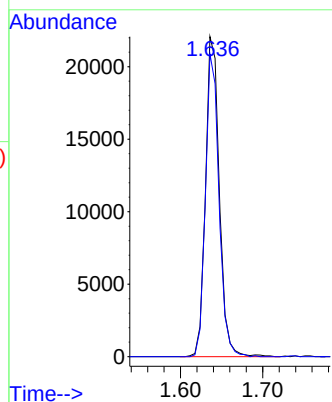
Instrument :  
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Tgt Ion: 94 Resp: 25713  
Ion Ratio Lower Upper  
94 100  
96 94.6 76.4 114.6

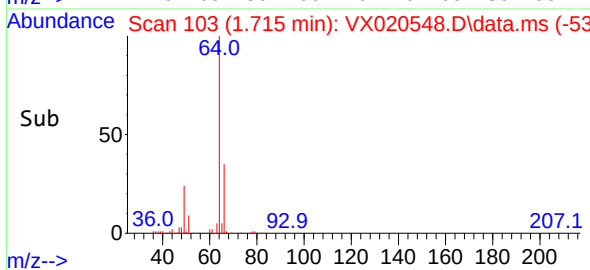
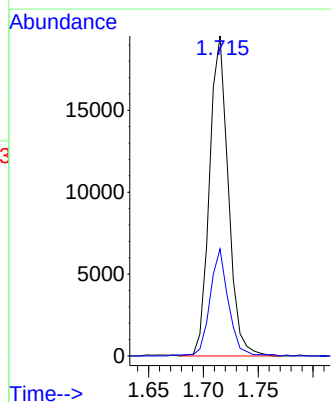
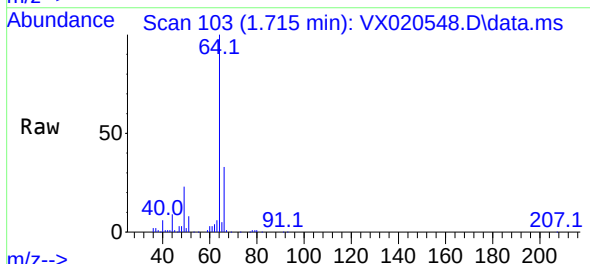
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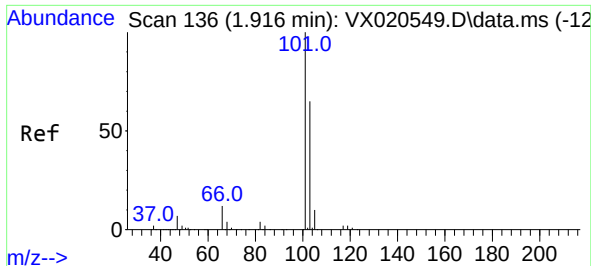
MMDadoda  
1/12/2021 10:54:08 AM



#6  
Chloroethane  
Concen: 15.51 ug/l  
RT: 1.715 min Scan# 103  
Delta R.T. 0.006 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 64 Resp: 23241  
Ion Ratio Lower Upper  
64 100  
66 33.4 25.4 38.0





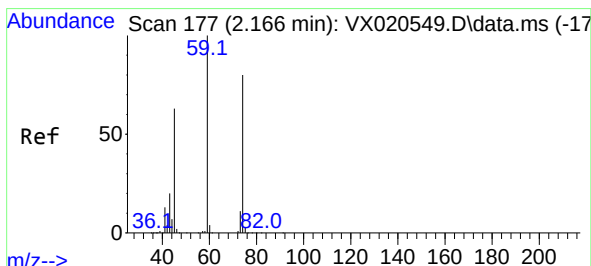
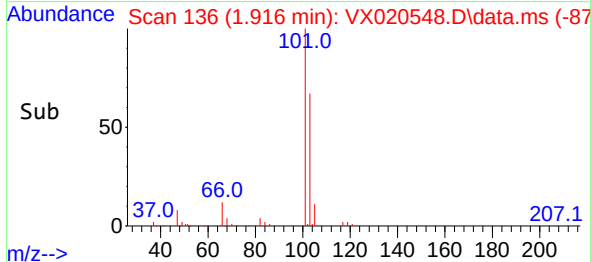
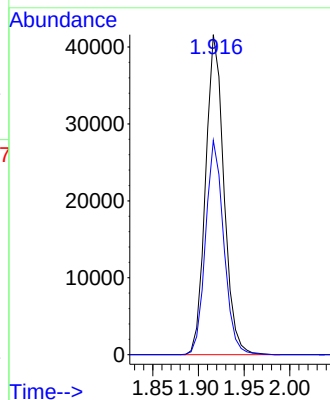
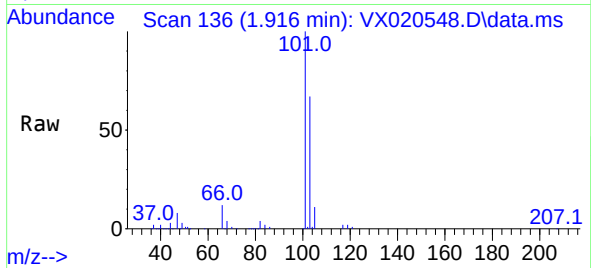
#7  
Trichlorofluoromethane  
Concen: 17.80 ug/l  
RT: 1.916 min Scan# 136  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion:101 Resp: 57793  
Ion Ratio Lower Upper  
101 100  
103 66.9 53.2 79.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

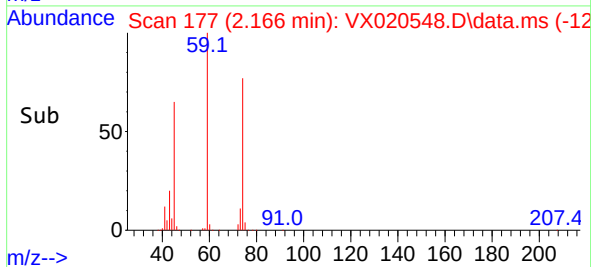
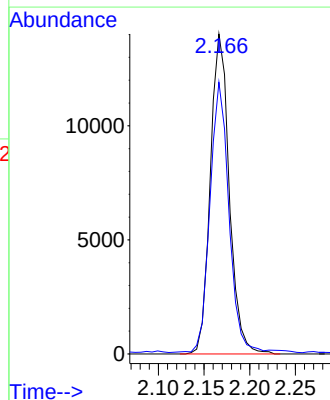
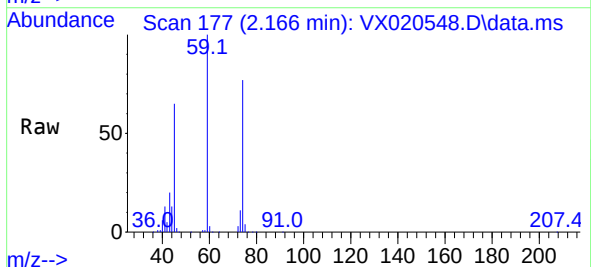
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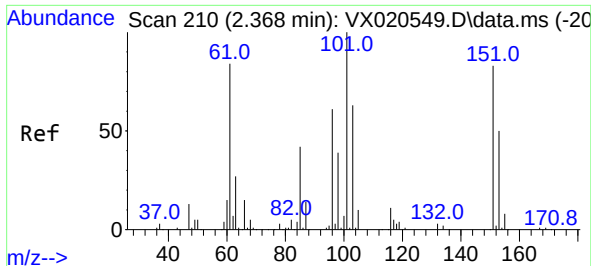


#8  
Diethyl Ether  
Concen: 15.19 ug/l  
RT: 2.166 min Scan# 177  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 74 Resp: 20221  
Ion Ratio Lower Upper  
74 100  
45 85.1 44.5 133.5







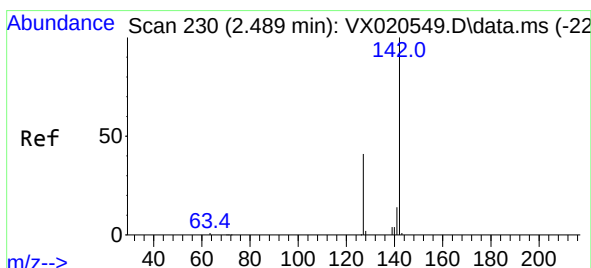
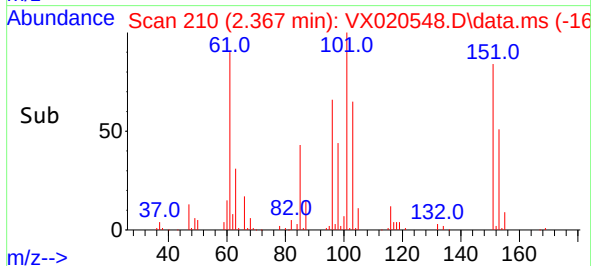
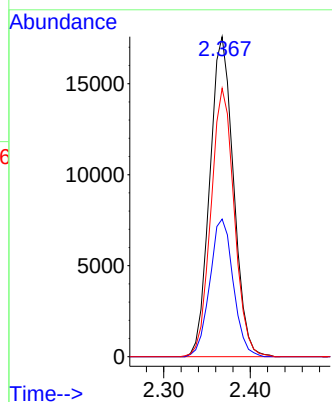
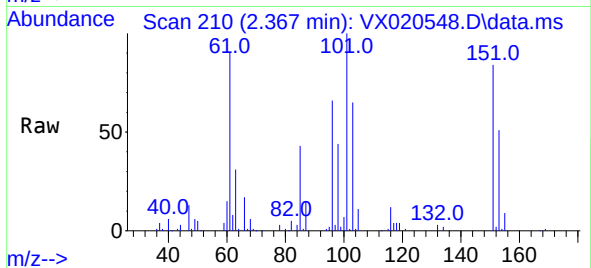
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.21 ug/l  
RT: 2.367 min Scan# 210  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion:101 Resp: 33462  
Ion Ratio Lower Upper  
101 100  
85 42.5 34.9 52.3  
151 82.3 61.4 92.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

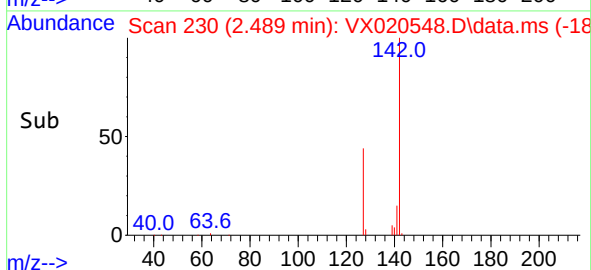
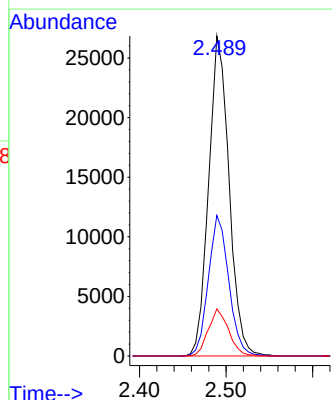
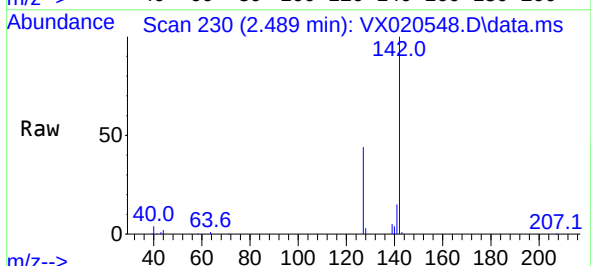
Manual Integrations  
APPROVED

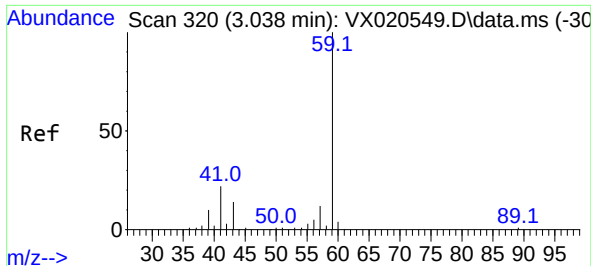
MMDadoda  
1/12/2021 10:54:08 AM



#10  
Methyl Iodide  
Concen: 19.06 ug/l  
RT: 2.489 min Scan# 230  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

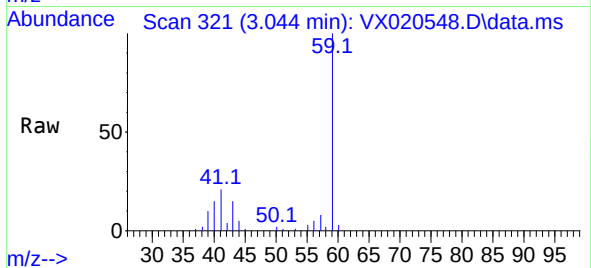
Tgt Ion:142 Resp: 44022  
Ion Ratio Lower Upper  
142 100  
127 43.9 33.3 49.9  
141 14.5 11.4 17.0





#11  
Tert butyl alcohol  
Concen: 68.70 ug/l  
RT: 3.044 min Scan# 321  
Delta R.T. 0.006 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

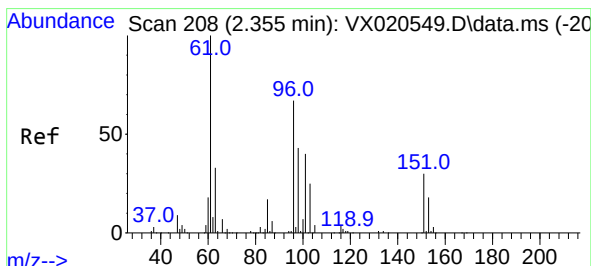
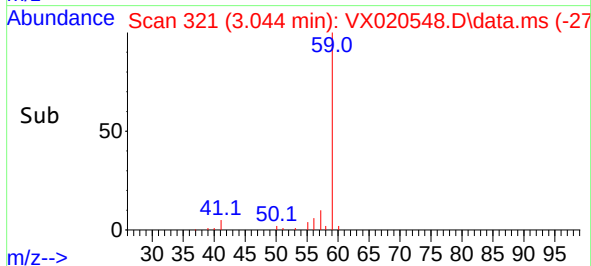
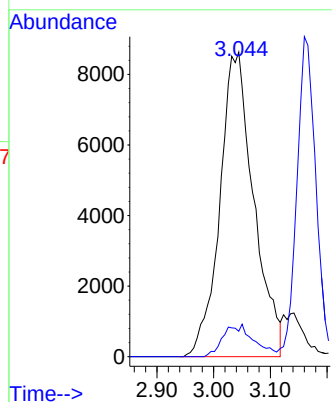
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020



Tgt Ion: 59 Resp: 35812  
Ion Ratio Lower Upper  
59 100  
57 9.6 7.8 11.8

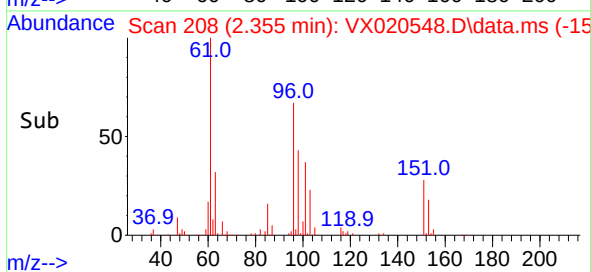
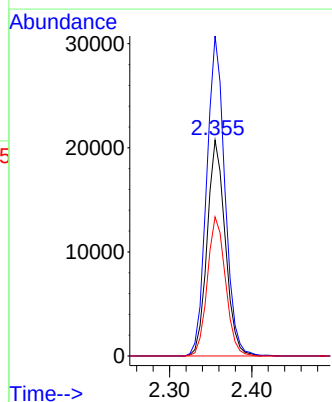
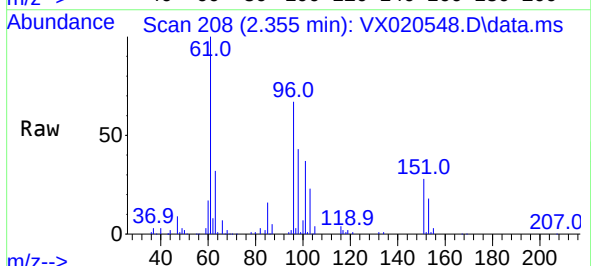
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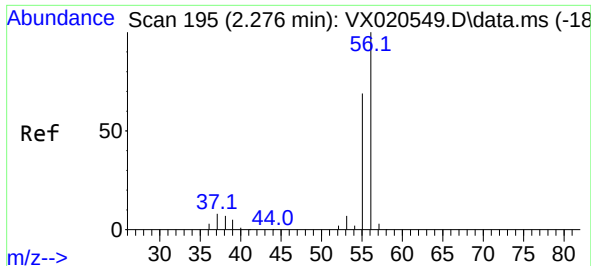
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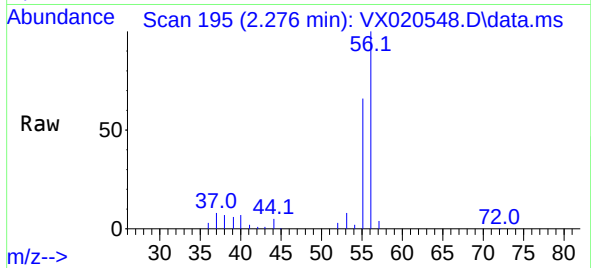
#12  
1,1-Dichloroethene  
Concen: 17.04 ug/l  
RT: 2.355 min Scan# 208  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 96 Resp: 31692  
Ion Ratio Lower Upper  
96 100  
61 148.2 124.6 187.0  
98 64.4 50.6 76.0

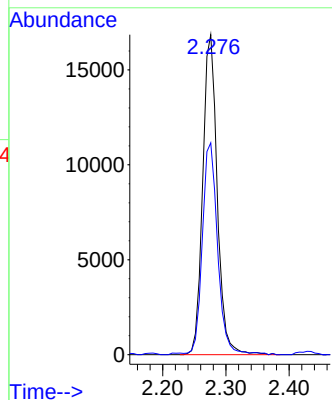




#13  
Acrolein  
Concen: 80.91 ug/l  
RT: 2.276 min Scan# 195  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



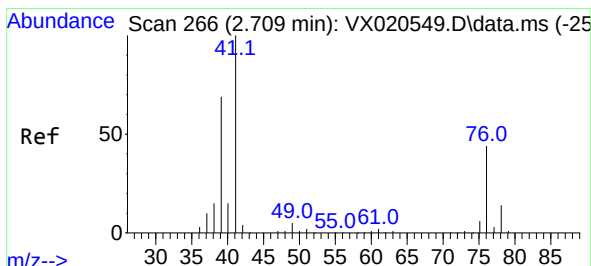
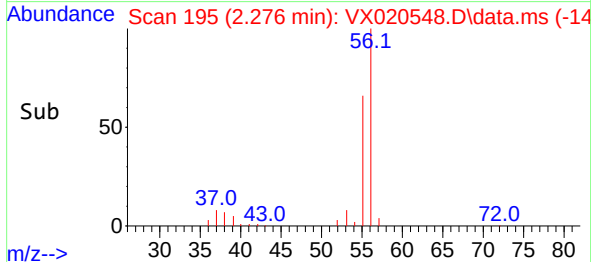
Tgt Ion: 56 Resp: 26932  
Ion Ratio Lower Upper  
56 100  
55 70.2 56.4 84.6



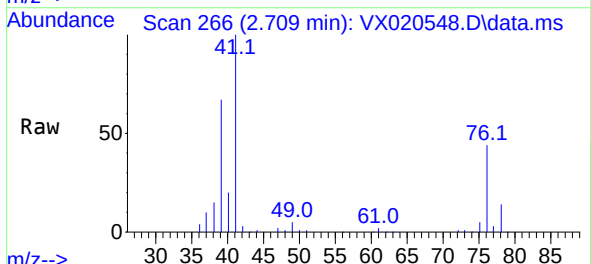
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

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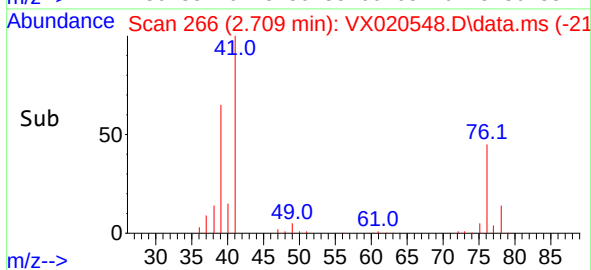
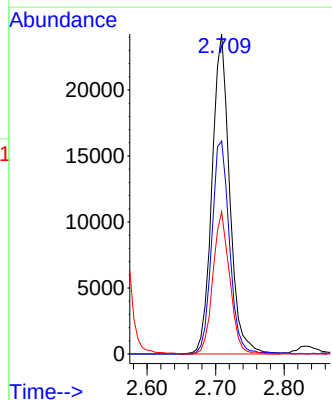
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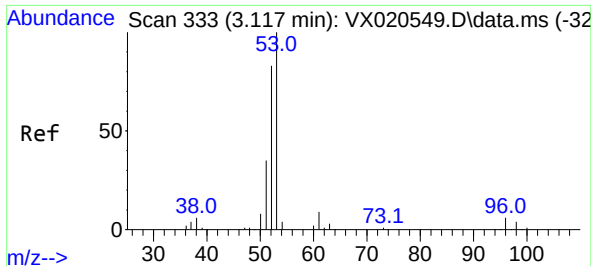


#14  
Allyl chloride  
Concen: 13.81 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



Tgt Ion: 41 Resp: 43369  
Ion Ratio Lower Upper  
41 100  
39 66.7 51.6 77.4  
76 42.1 30.5 45.7





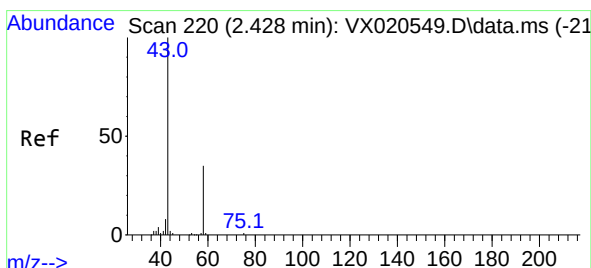
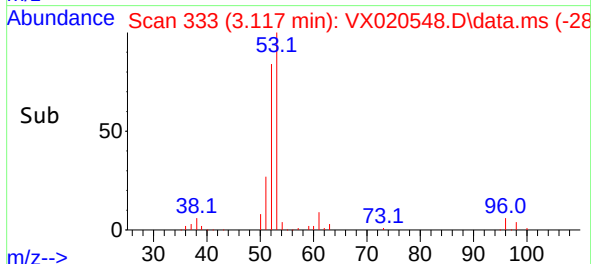
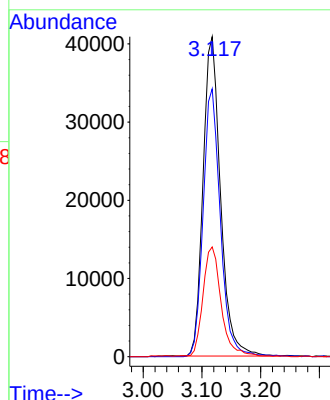
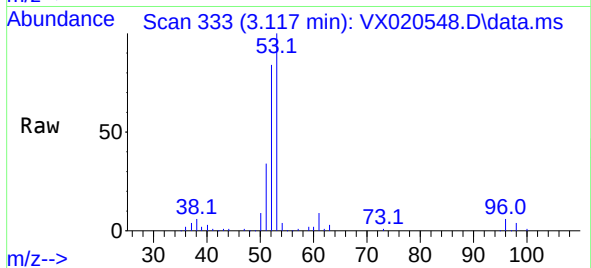
#15  
Acrylonitrile  
Concen: 70.88 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 84305 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 82.9     | 65.3 97.9   |
| 51 35.6     | 28.2 42.2   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

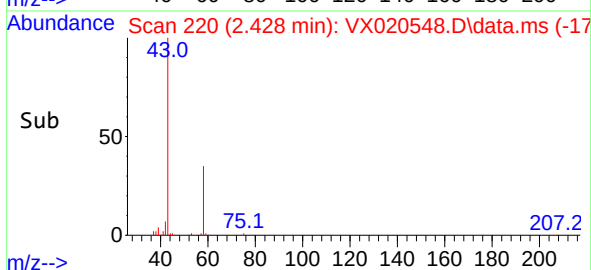
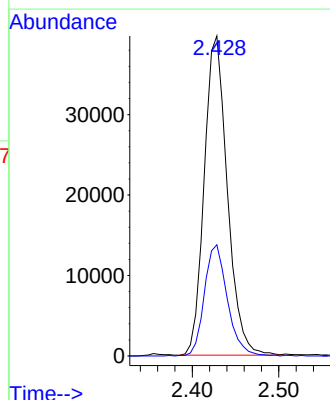
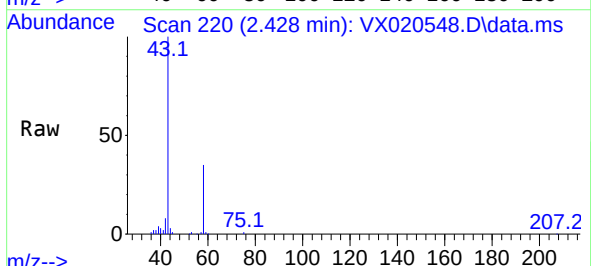
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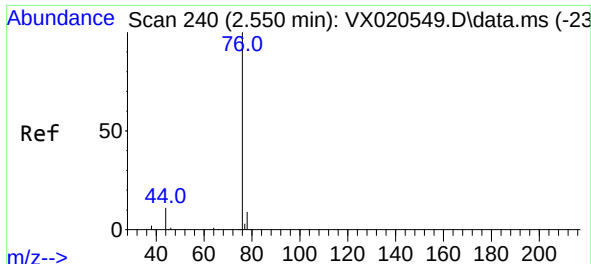
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#16  
Acetone  
Concen: 69.88 ug/l  
RT: 2.428 min Scan# 220  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 73498 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 34.8     | 27.8 41.8   |





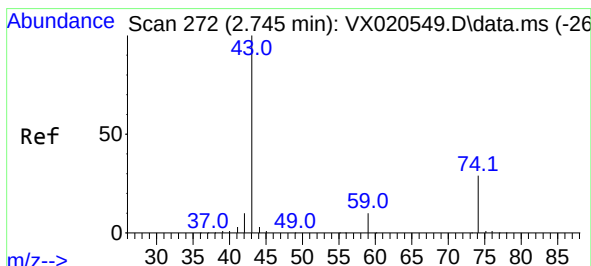
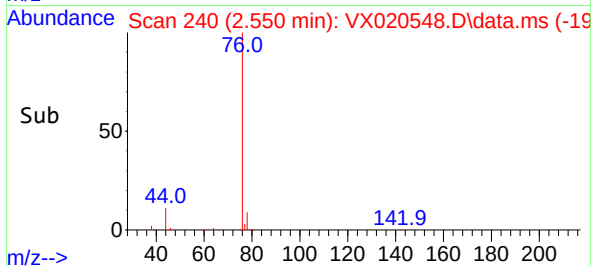
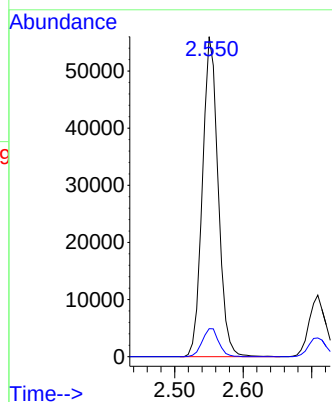
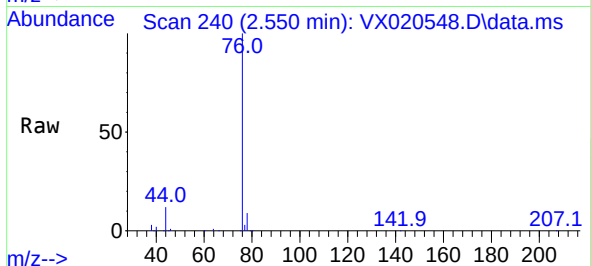
#17  
Carbon Disulfide  
Concen: 16.42 ug/l  
RT: 2.550 min Scan# 240  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 76 Resp: 89387  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.2 10.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

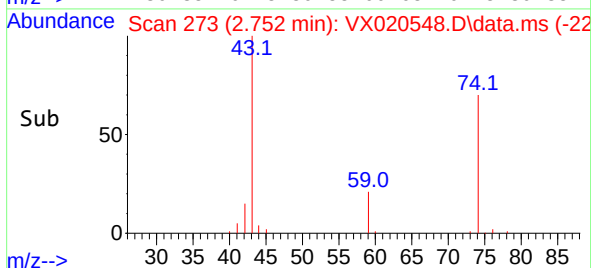
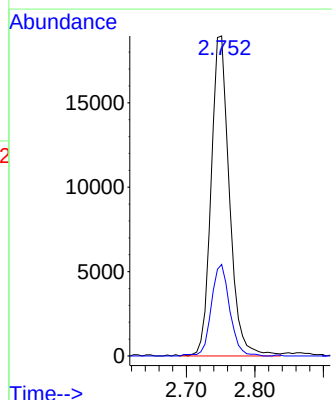
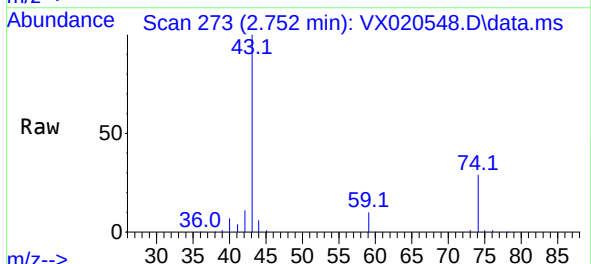
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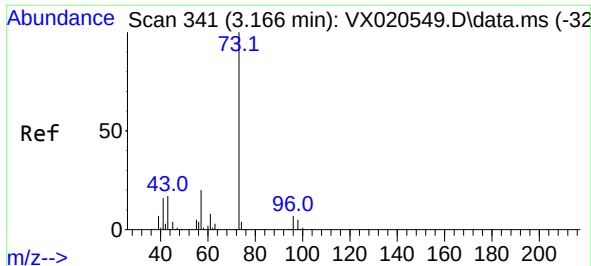
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#18  
Methyl Acetate  
Concen: 14.96 ug/l  
RT: 2.752 min Scan# 273  
Delta R.T. 0.006 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 43 Resp: 35252  
Ion Ratio Lower Upper  
43 100  
74 28.7 21.9 32.9





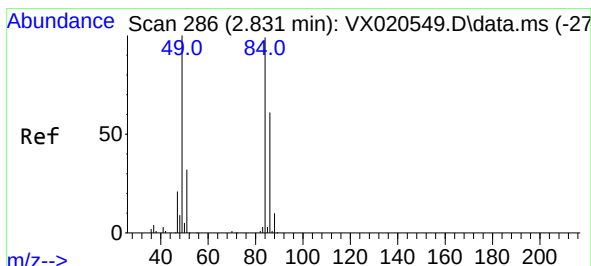
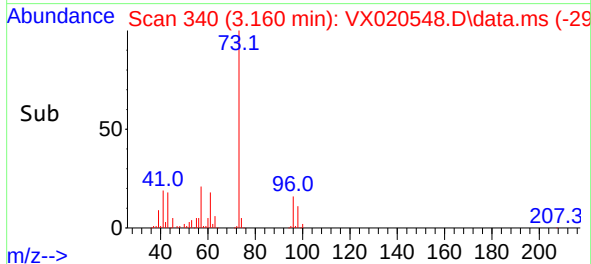
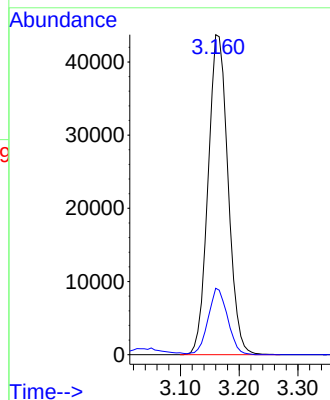
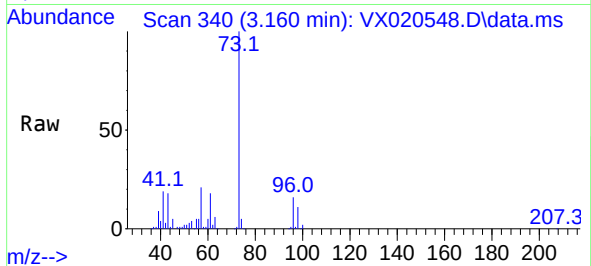
#19  
Methyl tert-butyl Ether  
Concen: 15.49 ug/l  
RT: 3.160 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 73 Resp: 103142  
Ion Ratio Lower Upper  
73 100  
57 20.7 17.1 25.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

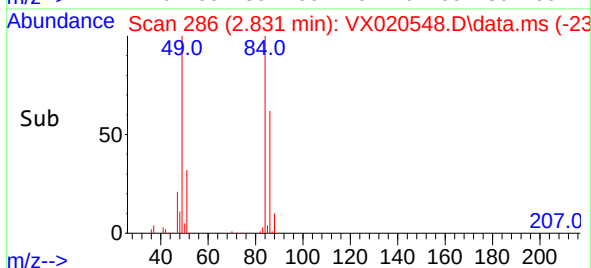
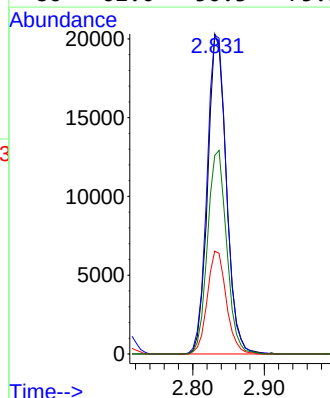
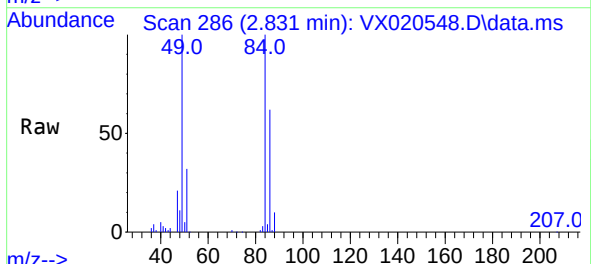
Manual Integrations  
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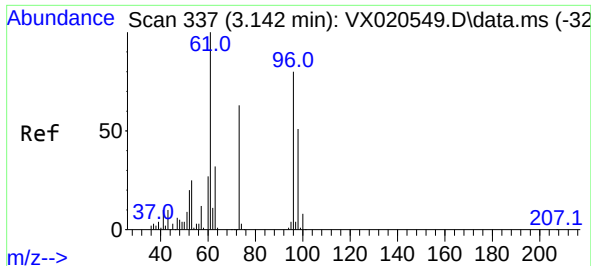
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#20  
Methylene Chloride  
Concen: 15.28 ug/l  
RT: 2.831 min Scan# 286  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

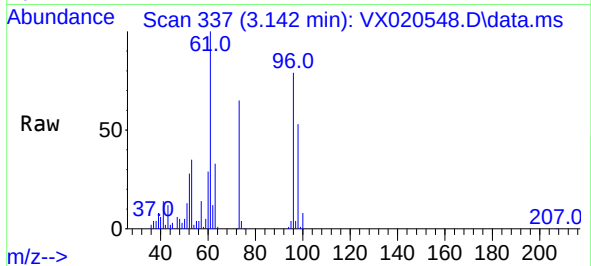
Tgt Ion: 84 Resp: 36857  
Ion Ratio Lower Upper  
84 100  
49 99.7 88.6 132.8  
51 32.1 27.0 40.6  
86 62.0 50.3 75.5





#21  
trans-1,2-Dichloroethene  
Concen: 16.24 ug/l  
RT: 3.142 min Scan# 337  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

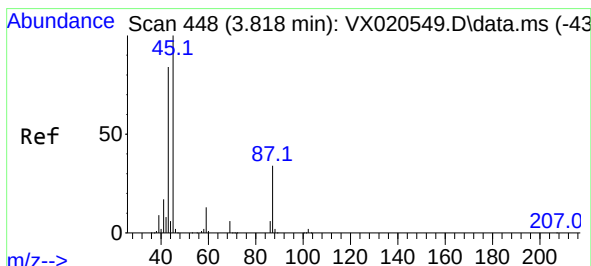
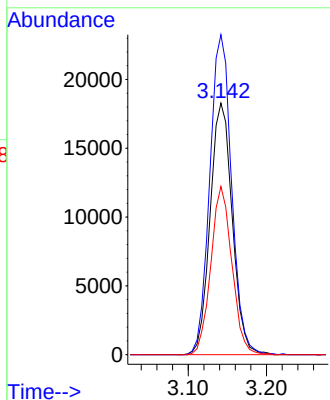
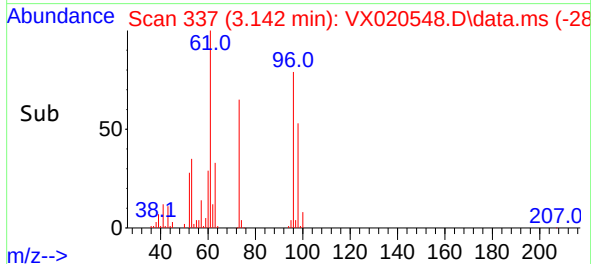
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020



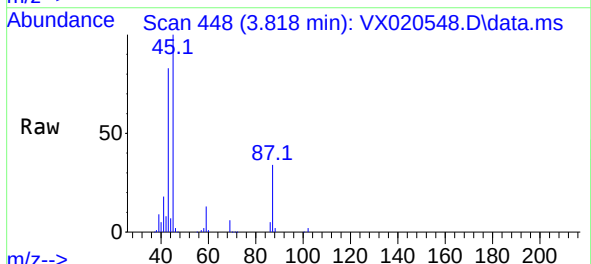
Tgt Ion: 96 Resp: 35914  
Ion Ratio Lower Upper  
96 100  
61 127.2 107.7 161.5  
98 66.9 50.4 75.6

Manual Integrations  
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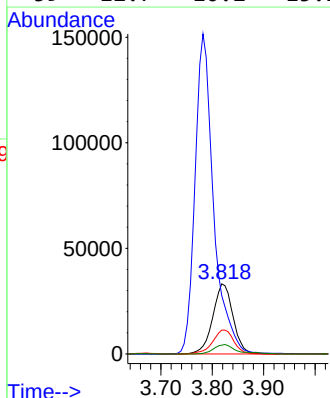
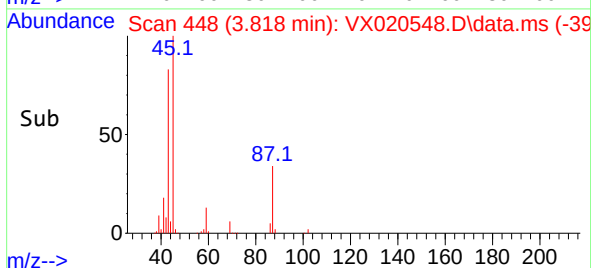
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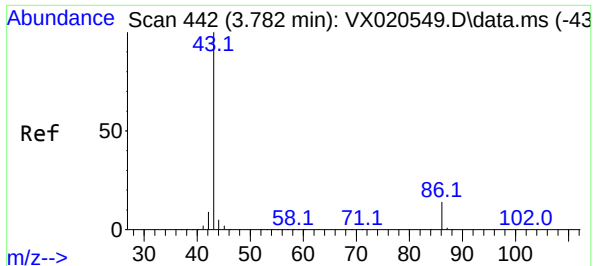


#22  
Diisopropyl ether  
Concen: 14.24 ug/l  
RT: 3.818 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



Tgt Ion: 45 Resp: 90602  
Ion Ratio Lower Upper  
45 100  
43 82.5 58.0 87.0  
87 34.0 25.4 38.0  
59 12.7 10.2 15.2





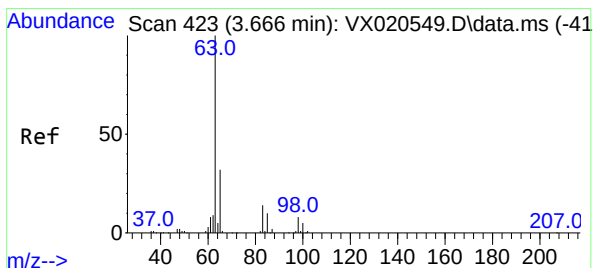
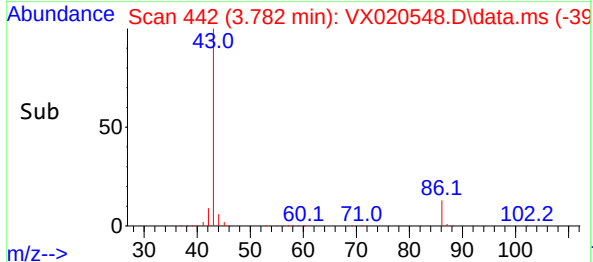
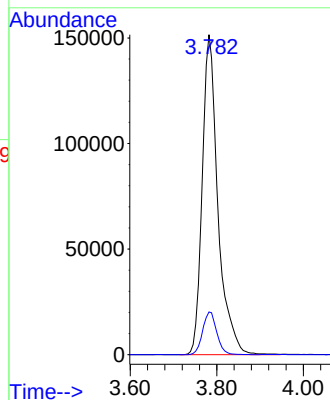
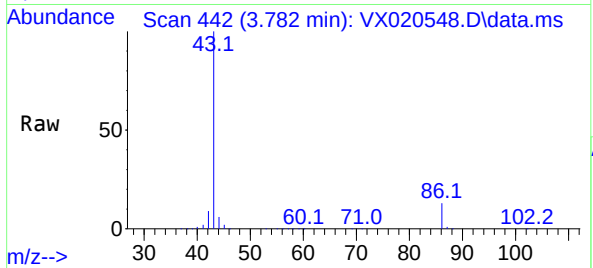
#23  
Vinyl Acetate  
Concen: 70.70 ug/l  
RT: 3.782 min Scan# 442  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 43 Resp: 381256  
Ion Ratio Lower Upper  
43 100  
86 13.3 9.9 14.9

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

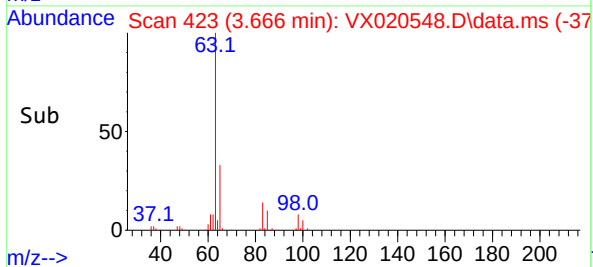
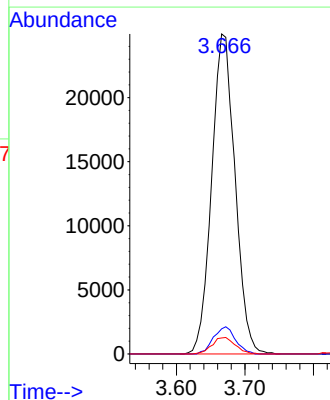
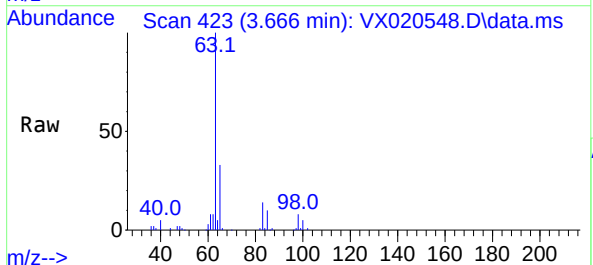
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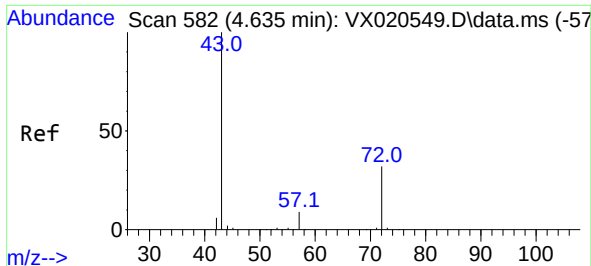


#24  
1,1-Dichloroethane  
Concen: 15.48 ug/l  
RT: 3.666 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 63 Resp: 59179  
Ion Ratio Lower Upper  
63 100  
98 7.9 3.8 11.2  
100 5.0 2.5 7.5







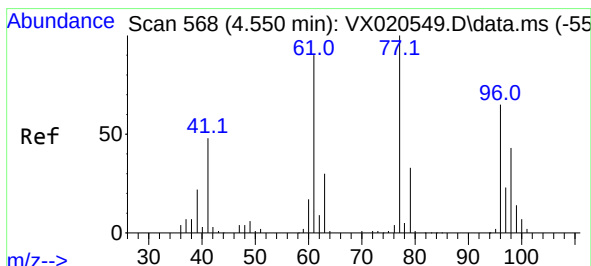
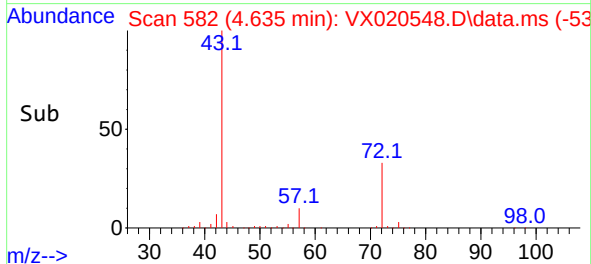
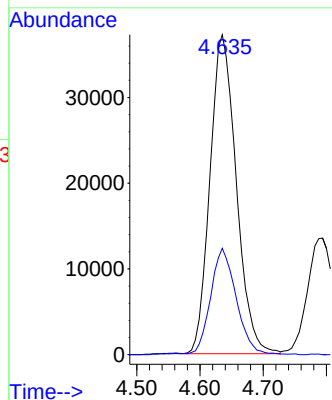
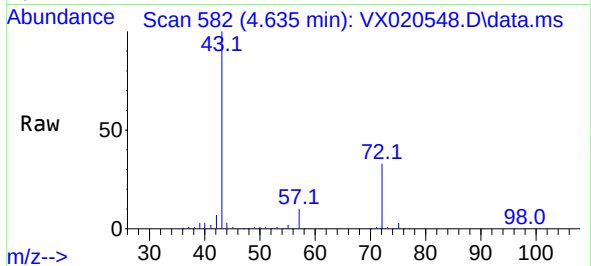
#25  
2-Butanone  
Concen: 70.39 ug/l  
RT: 4.635 min Scan# 582  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 43 Resp: 107566  
Ion Ratio Lower Upper  
43 100  
72 33.1 23.7 35.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

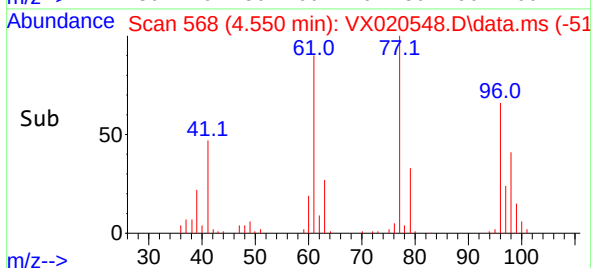
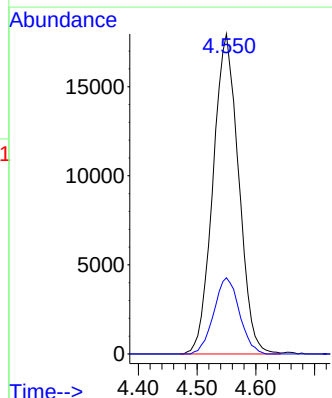
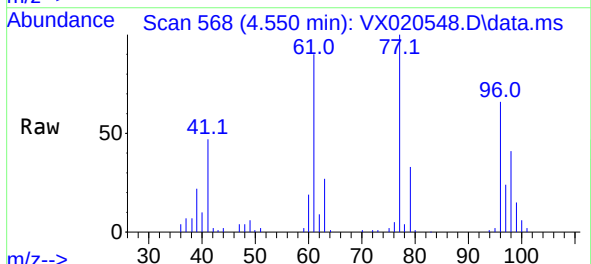
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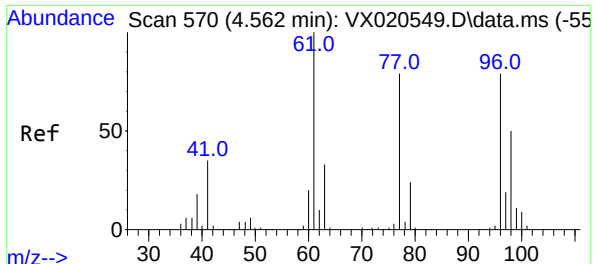
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1/12/2021 10:54:08 AM



#26  
2,2-Dichloropropane  
Concen: 16.87 ug/l  
RT: 4.550 min Scan# 568  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 77 Resp: 54414  
Ion Ratio Lower Upper  
77 100  
97 23.8 11.7 35.1





#27

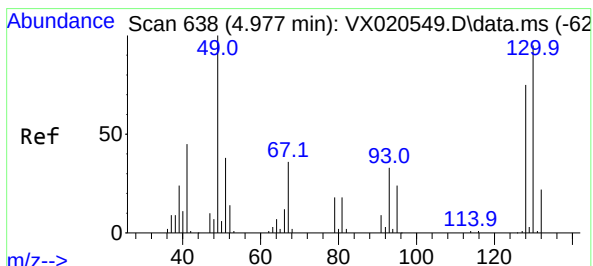
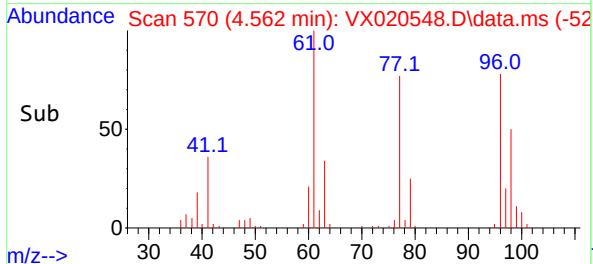
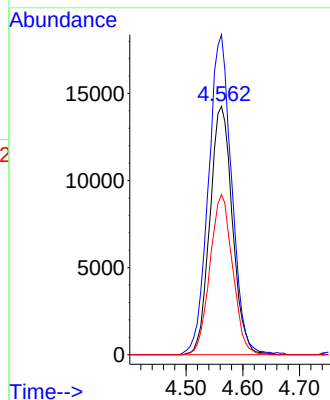
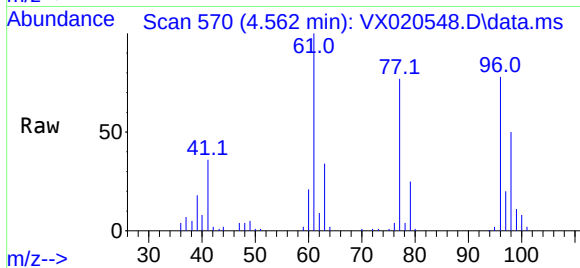
cis-1,2-Dichloroethene  
Concen: 15.97 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 39395 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 132.5 | 0.0   | 285.6 |
| 98       | 64.8  | 0.0   | 129.6 |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

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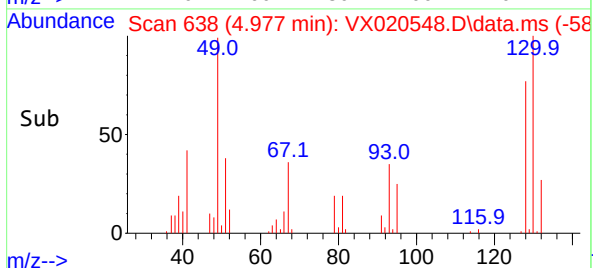
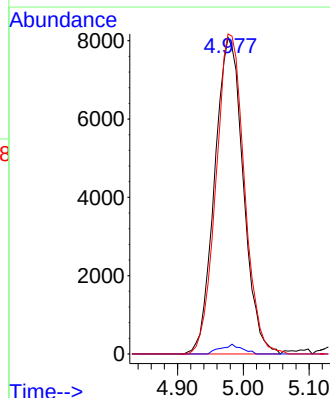
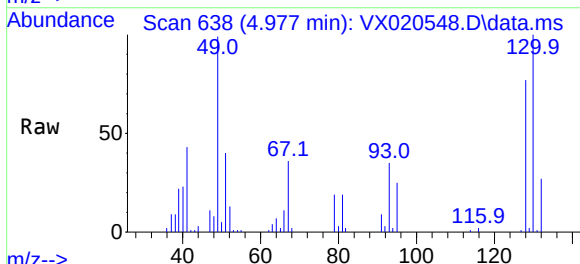
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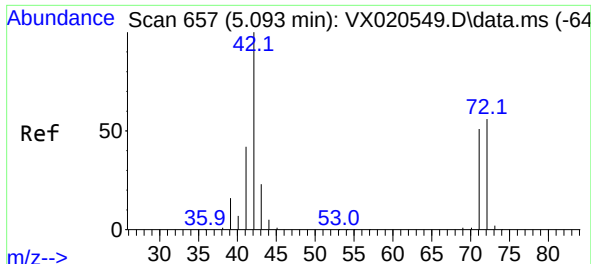


#28

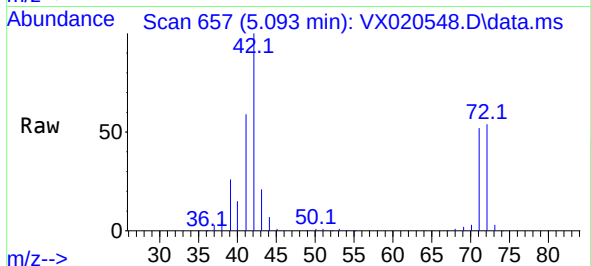
Bromochloromethane  
Concen: 14.58 ug/l  
RT: 4.977 min Scan# 638  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 24452 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.3   | 0.0   | 4.0   |
| 130      | 99.9  | 68.2  | 102.2 |

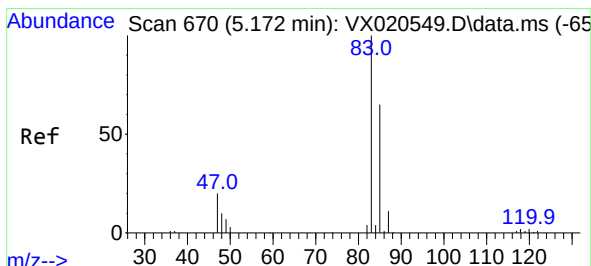
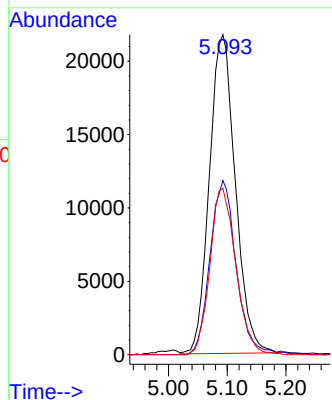
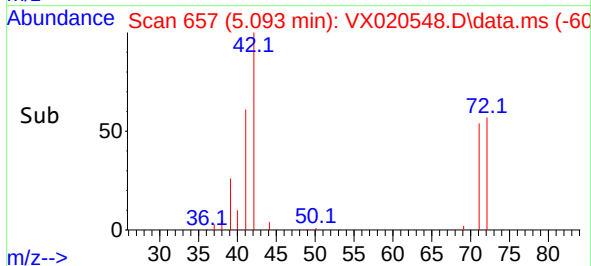




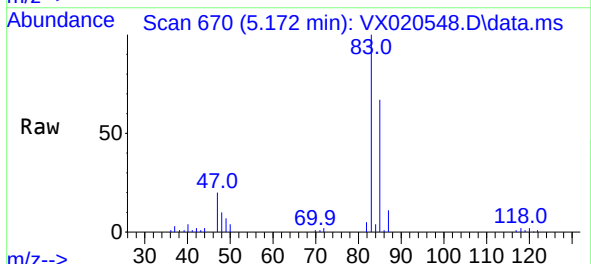
#29  
Tetrahydrofuran  
Concen: 69.51 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



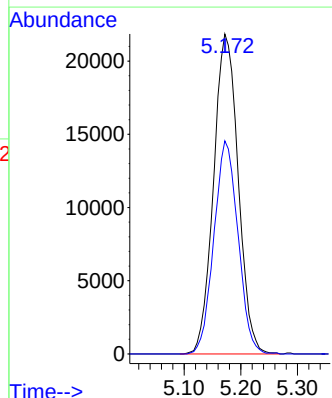
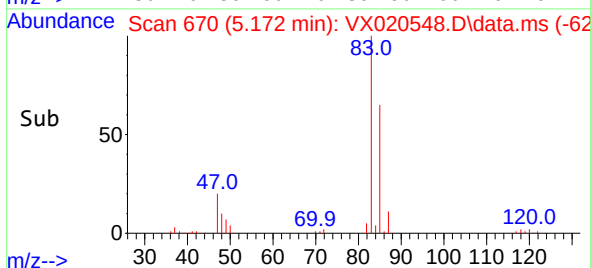
Tgt Ion: 42 Resp: 66704  
Ion Ratio Lower Upper  
42 100  
72 55.2 41.7 62.5  
71 52.0 38.4 57.6



#30  
Chloroform  
Concen: 16.77 ug/l  
RT: 5.172 min Scan# 670  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



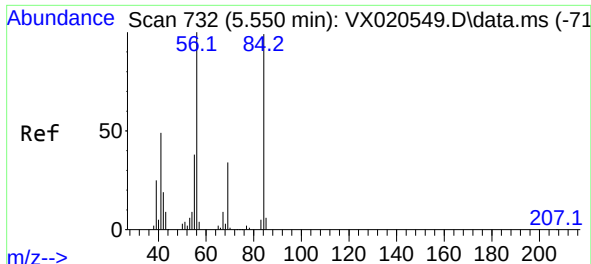
Tgt Ion: 83 Resp: 65906  
Ion Ratio Lower Upper  
83 100  
85 66.6 52.0 78.0



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

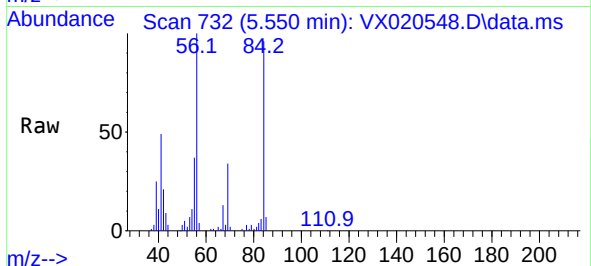
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#31  
Cyclohexane  
Concen: 14.57 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

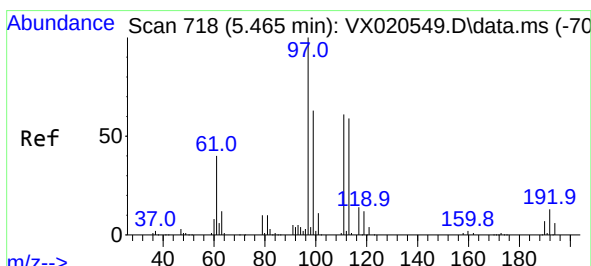
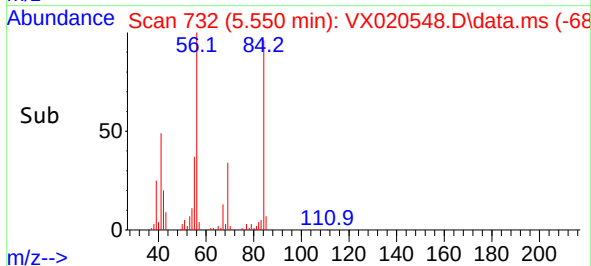
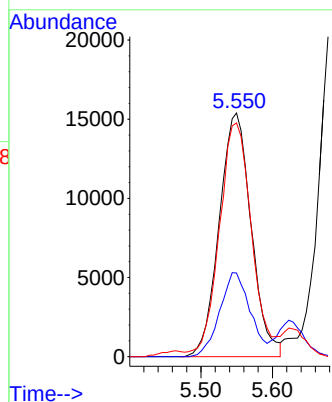
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020



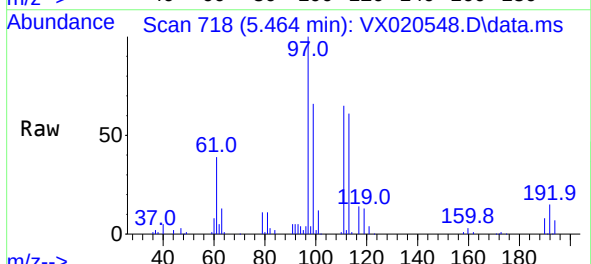
Tgt Ion: 56 Resp: 47751  
Ion Ratio Lower Upper  
56 100  
69 34.4 25.3 37.9  
84 93.8 71.4 107.0

Manual Integrations  
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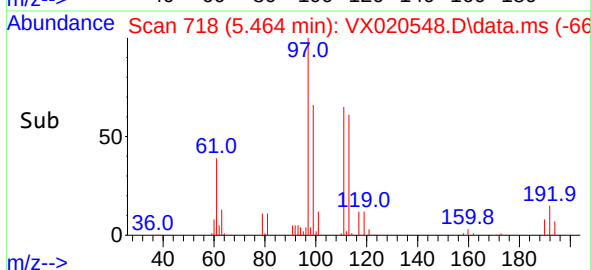
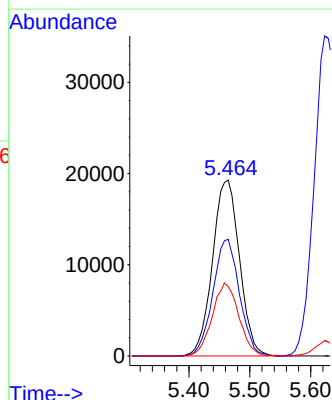
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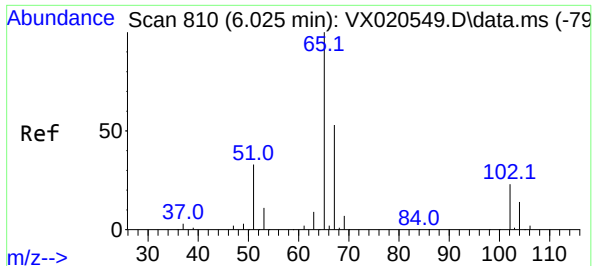


#32  
1,1,1-Trichloroethane  
Concen: 17.66 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



Tgt Ion: 97 Resp: 59300  
Ion Ratio Lower Upper  
97 100  
99 65.2 51.5 77.3  
61 40.9 34.2 51.4





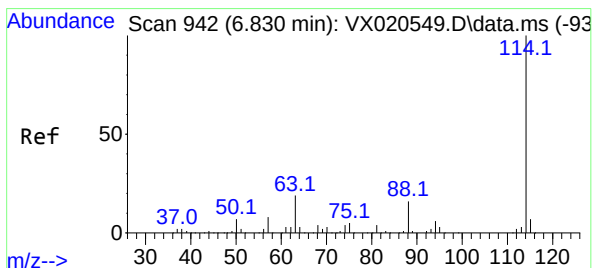
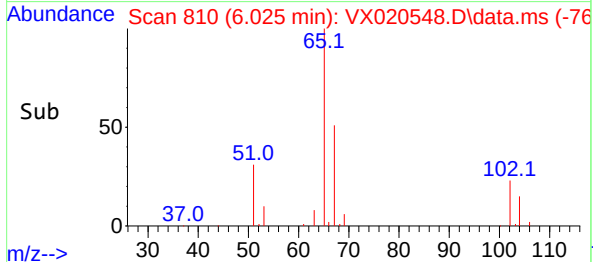
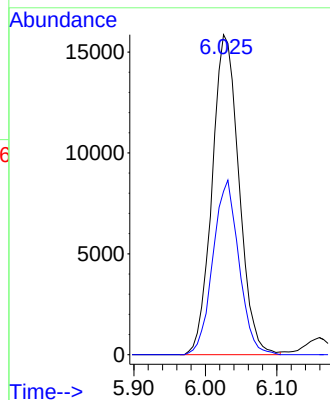
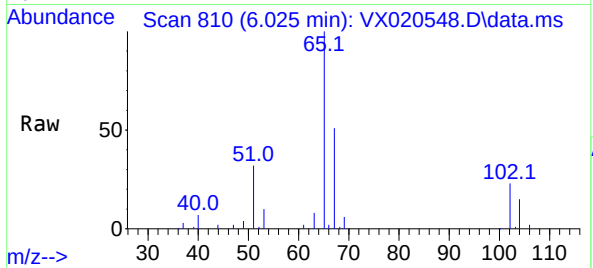
#33  
1,2-Dichloroethane-d4  
Concen: 17.68 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 65 Resp: 41450  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 105.4

Instrument :  
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ClientSampleId :  
VSTDIC020

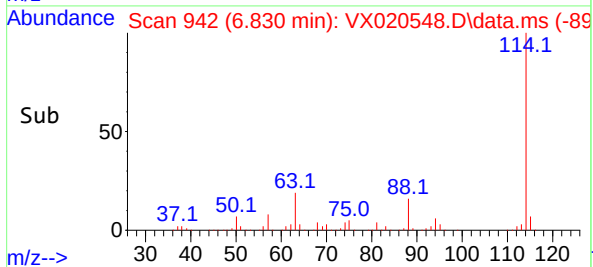
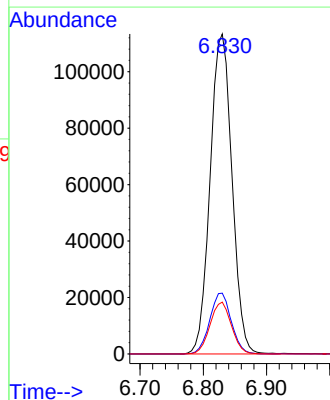
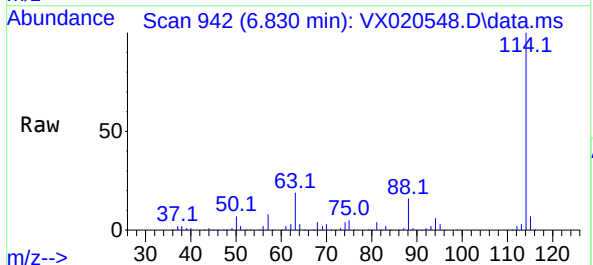
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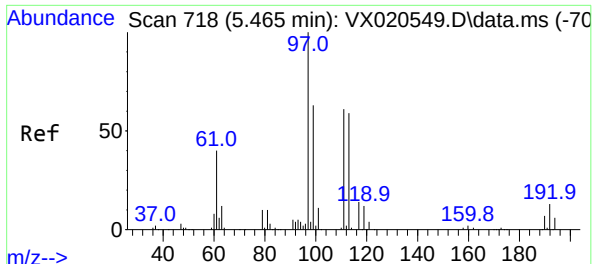
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1/12/2021 10:54:08 AM



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 114 Resp: 272372  
Ion Ratio Lower Upper  
114 100  
63 19.0 0.0 40.8  
88 16.2 0.0 32.8





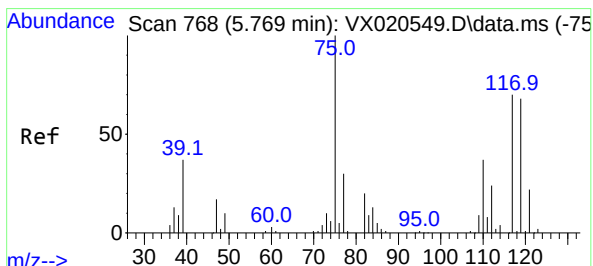
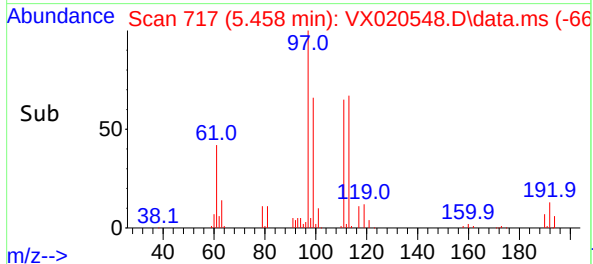
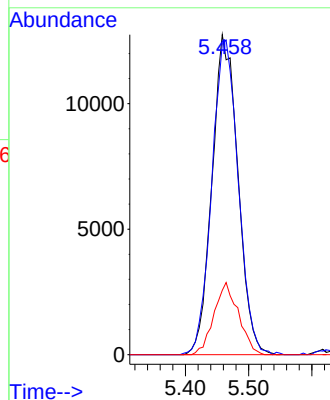
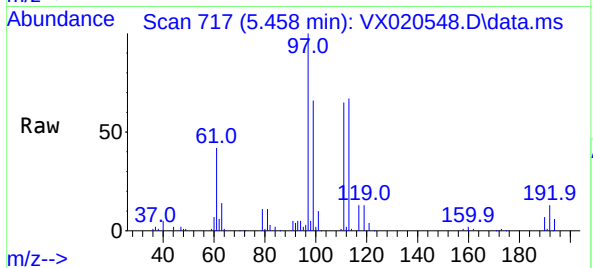
#35  
Dibromofluoromethane  
Concen: 20.66 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.006 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion:113 Resp: 36240  
Ion Ratio Lower Upper  
113 100  
111 100.4 81.9 122.9  
192 21.4 16.7 25.1

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020

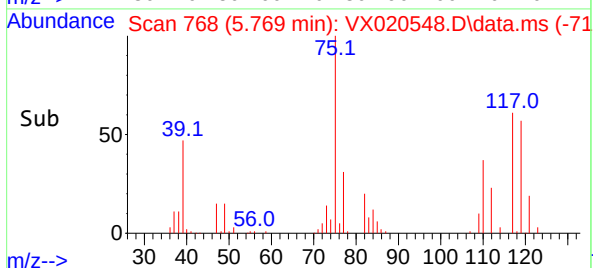
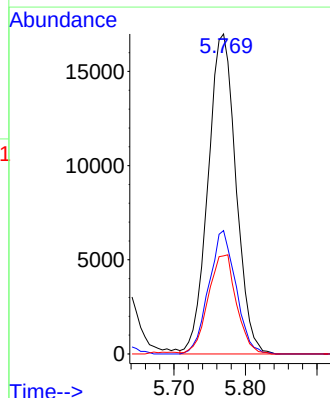
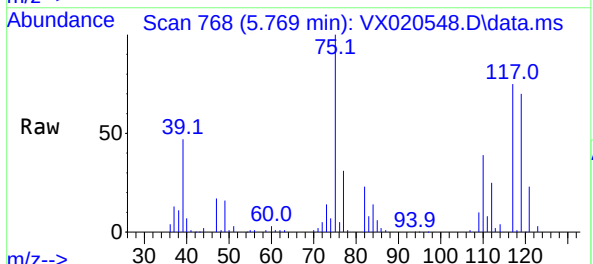
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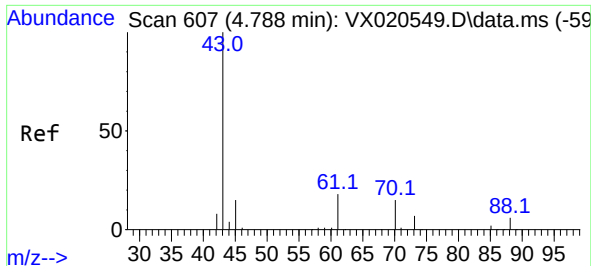
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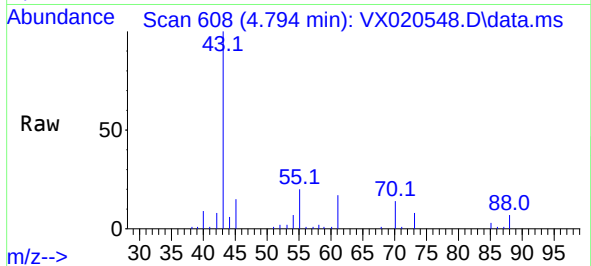
#36  
1,1-Dichloropropene  
Concen: 17.01 ug/l  
RT: 5.769 min Scan# 768  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 75 Resp: 46079  
Ion Ratio Lower Upper  
75 100  
110 37.4 18.1 54.4  
77 31.3 25.3 37.9

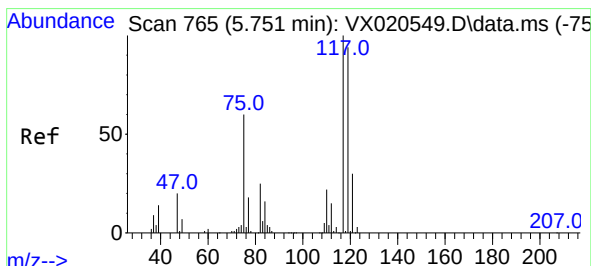
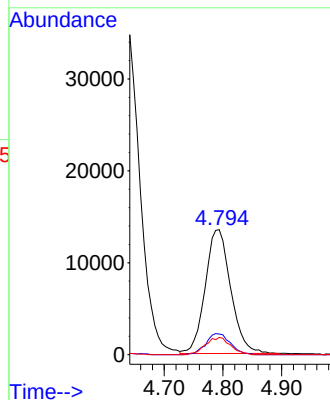
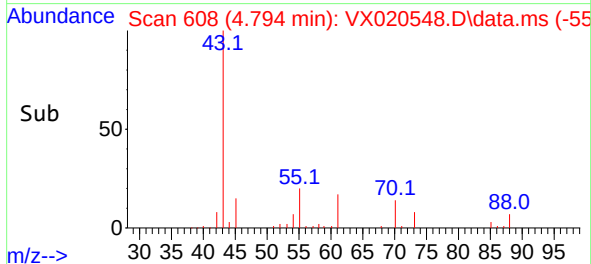




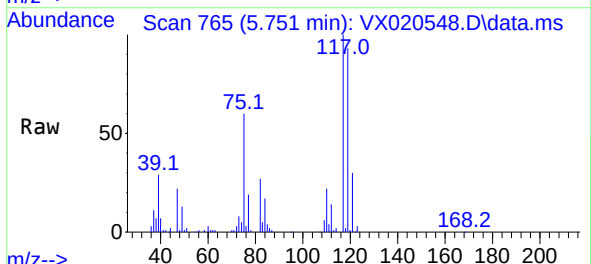
#37  
Ethyl Acetate  
Concen: 15.08 ug/l  
RT: 4.794 min Scan# 608  
Delta R.T. 0.006 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



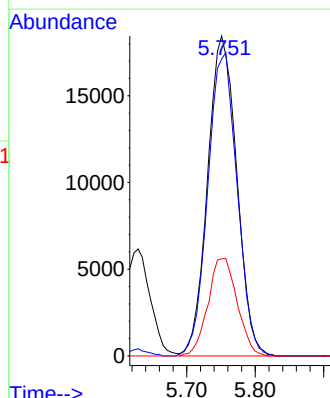
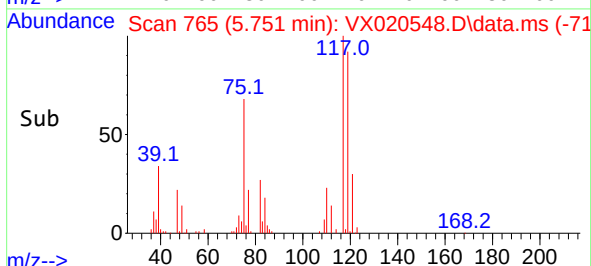
Tgt Ion: 43 Resp: 40687  
Ion Ratio Lower Upper  
43 100  
61 16.4 12.8 19.2  
70 13.5 10.5 15.7



#38  
Carbon Tetrachloride  
Concen: 20.55 ug/l  
RT: 5.751 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



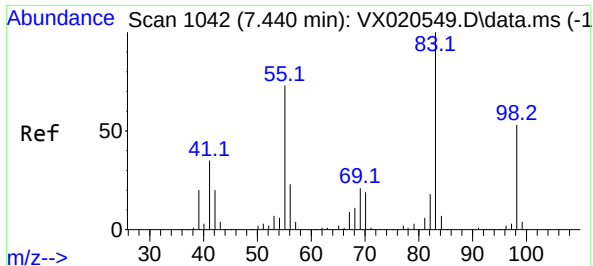
Tgt Ion: 117 Resp: 54511  
Ion Ratio Lower Upper  
117 100  
119 92.8 76.2 114.2  
121 30.4 24.8 37.2



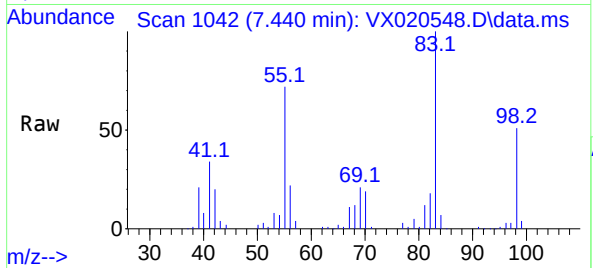
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

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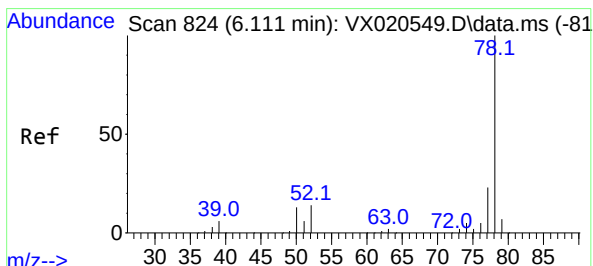
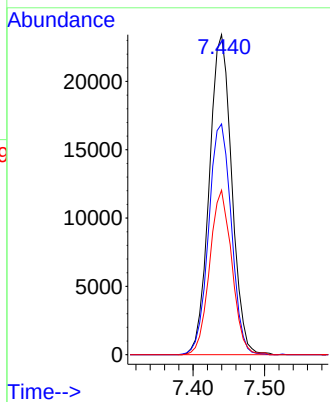
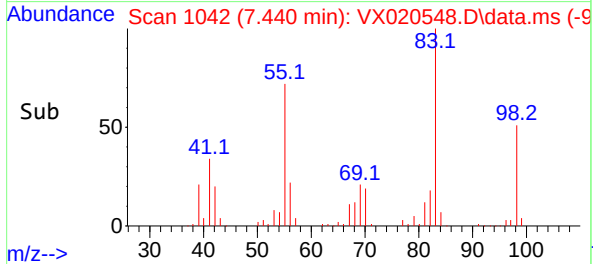
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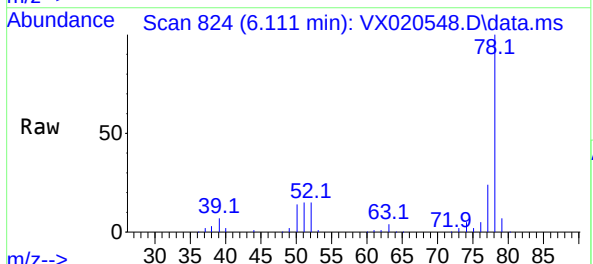
#39  
Methylcyclohexane  
Concen: 16.18 ug/l  
RT: 7.440 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



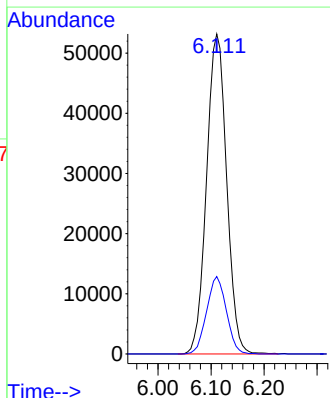
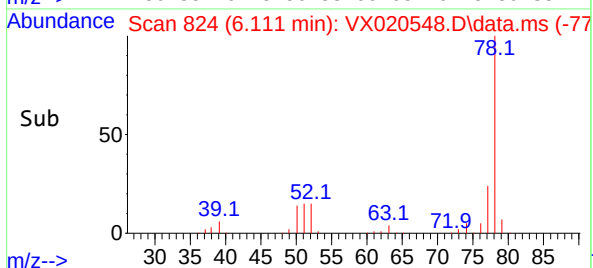
Tgt Ion: 83 Resp: 51049  
Ion Ratio Lower Upper  
83 100  
55 72.1 58.9 88.3  
98 51.4 38.1 57.1



#40  
Benzene  
Concen: 16.89 ug/l  
RT: 6.111 min Scan# 824  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



Tgt Ion: 78 Resp: 139884  
Ion Ratio Lower Upper  
78 100  
77 24.2 18.9 28.3

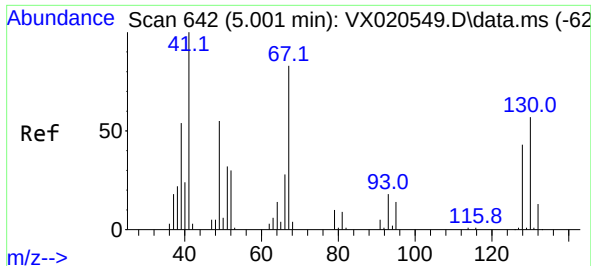


Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

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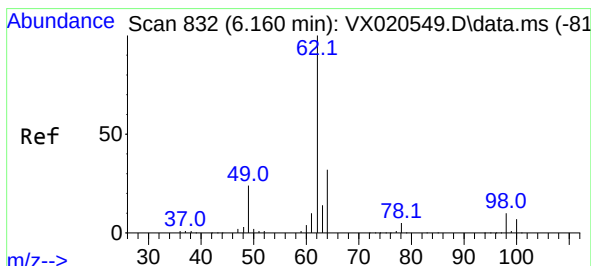
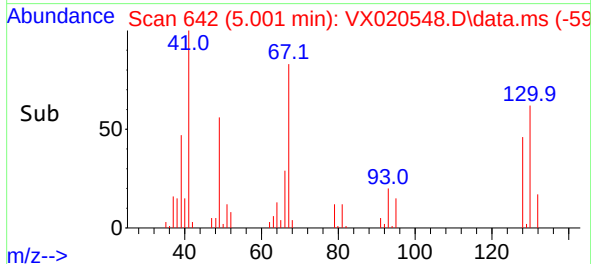
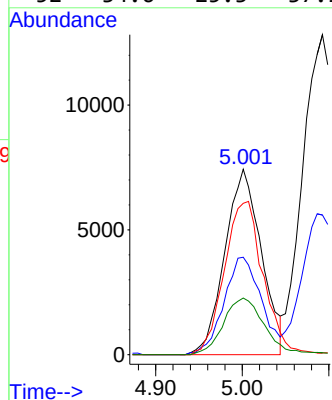
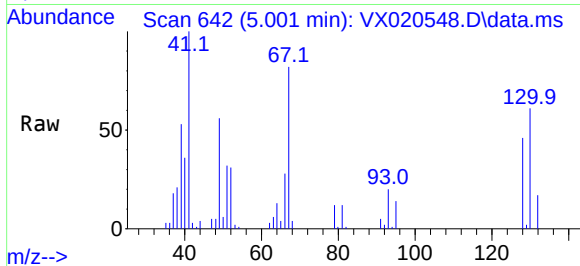
#41  
Methacrylonitrile  
Concen: 15.22 ug/l  
RT: 5.001 min Scan# 642  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 21804 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.8  | 42.5  | 63.7  |
| 67       | 88.1  | 65.0  | 97.6  |
| 52       | 34.6  | 25.3  | 37.9  |

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020

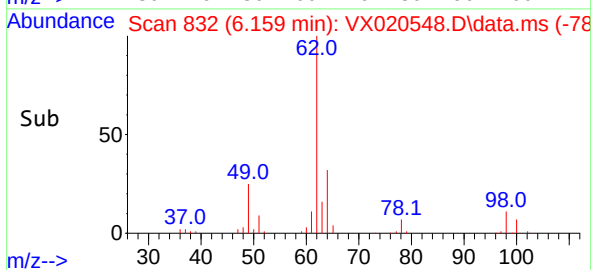
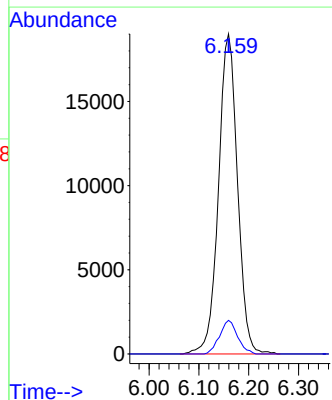
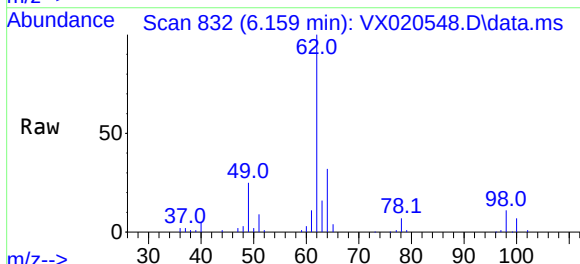
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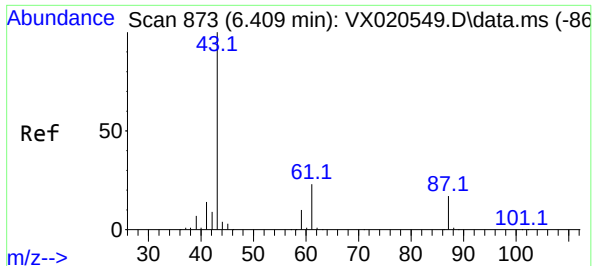
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 17.77 ug/l  
RT: 6.159 min Scan# 832  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 50301 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.9   | 0.0   | 20.2  |





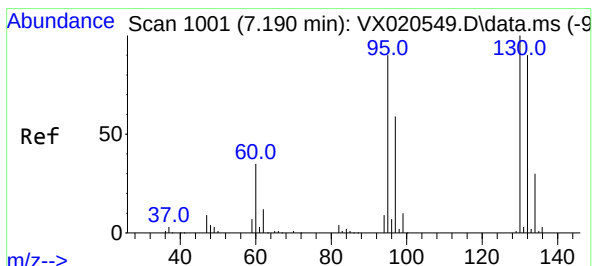
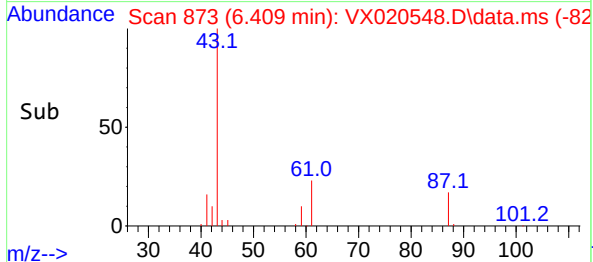
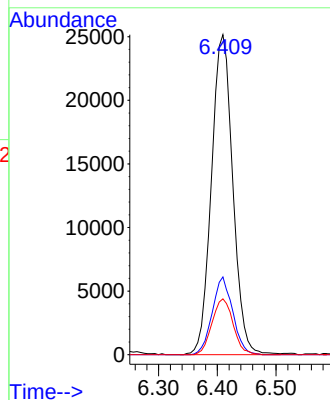
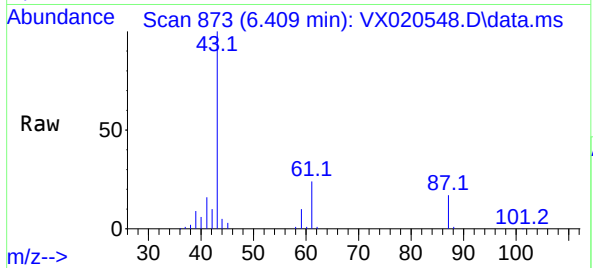
#43  
Isopropyl Acetate  
Concen: 14.94 ug/l  
RT: 6.409 min Scan# 873  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 43 Resp: 63558  
Ion Ratio Lower Upper  
43 100  
61 23.3 18.2 27.4  
87 17.3 12.5 18.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

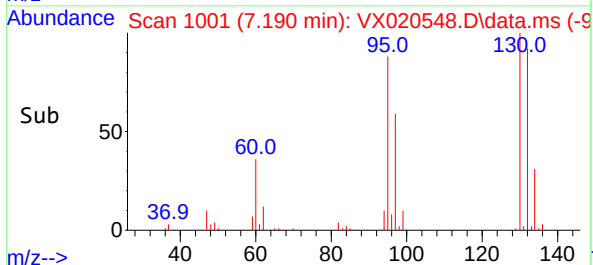
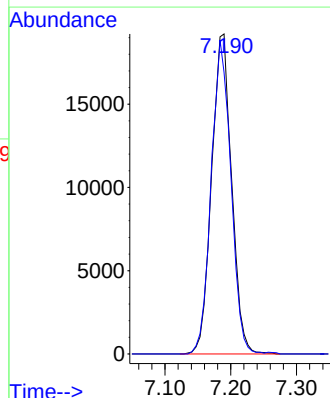
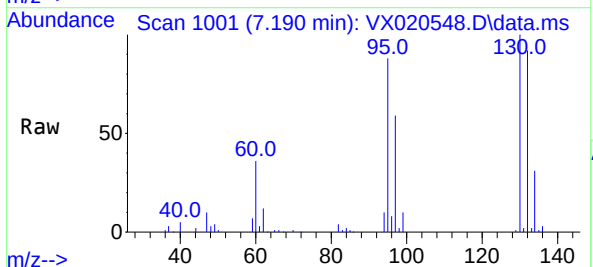
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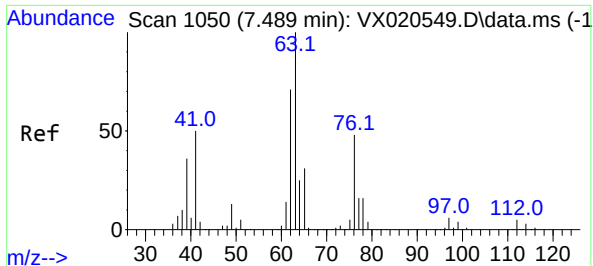
MMDadoda  
1/12/2021 10:54:08 AM



#44  
Trichloroethene  
Concen: 18.50 ug/l  
RT: 7.190 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 130 Resp: 40649  
Ion Ratio Lower Upper  
130 100  
95 88.0 0.0 198.0





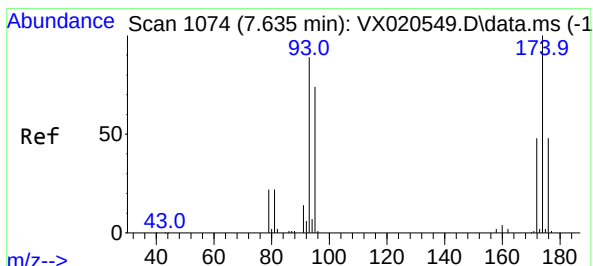
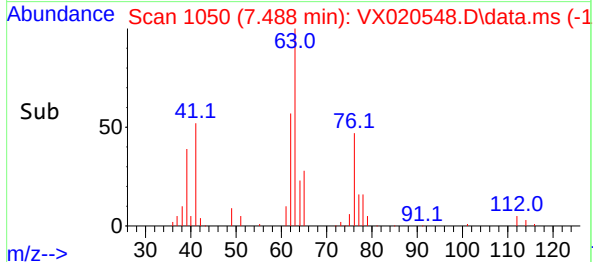
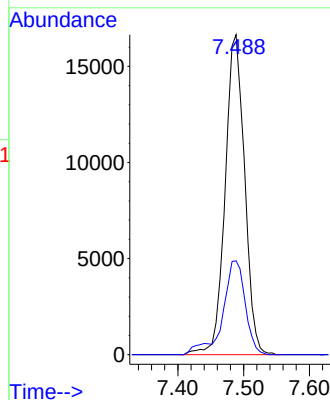
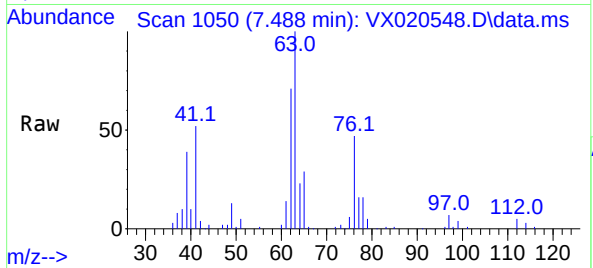
#45  
1,2-Dichloropropane  
Concen: 16.59 ug/l  
RT: 7.488 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 63 Resp: 34329  
Ion Ratio Lower Upper  
63 100  
65 29.3 25.7 38.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

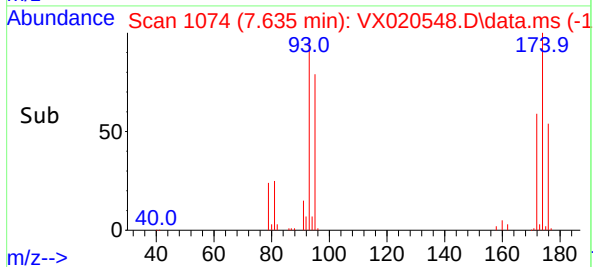
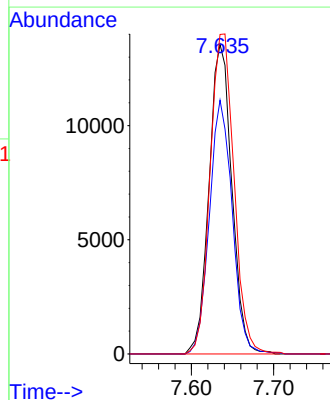
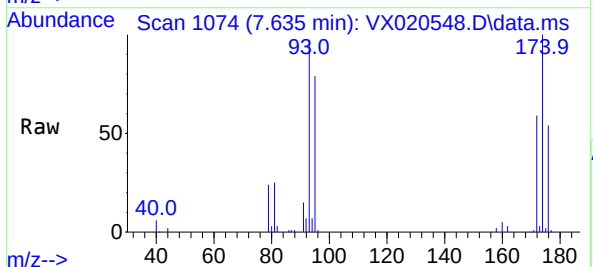
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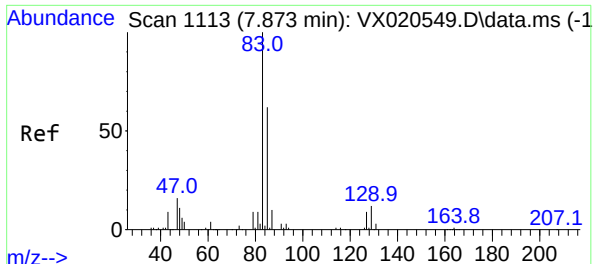
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#46  
Dibromomethane  
Concen: 18.19 ug/l  
RT: 7.635 min Scan# 1074  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

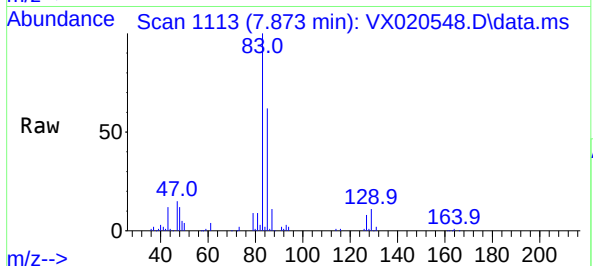
Tgt Ion: 93 Resp: 26159  
Ion Ratio Lower Upper  
93 100  
95 82.0 66.8 100.2  
174 108.6 83.1 124.7





#47  
Bromodichloromethane  
Concen: 18.95 ug/l  
RT: 7.873 min Scan# 1113  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

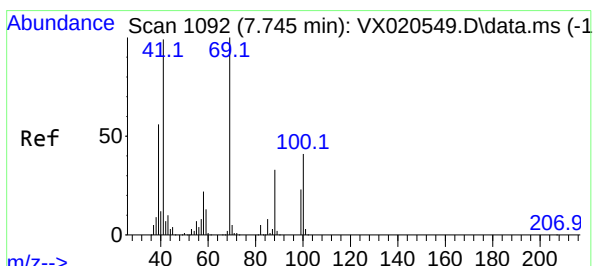
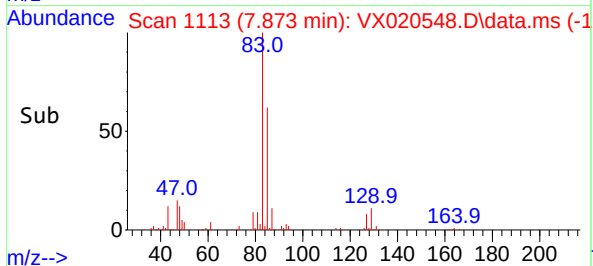
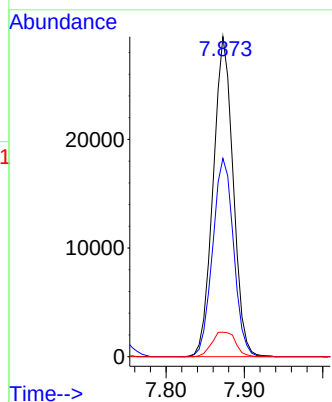
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020



Tgt Ion: 83 Resp: 52329  
Ion Ratio Lower Upper  
83 100  
85 62.0 51.4 77.0  
127 7.6 6.8 10.2

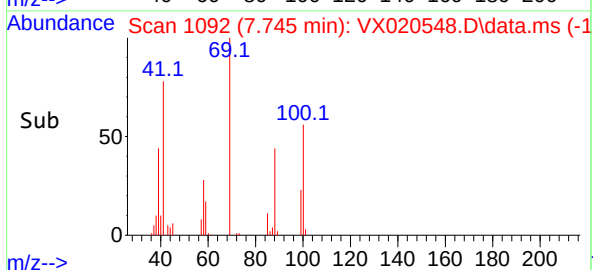
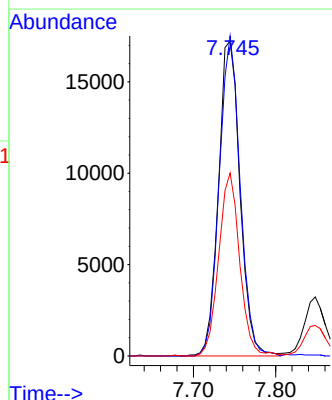
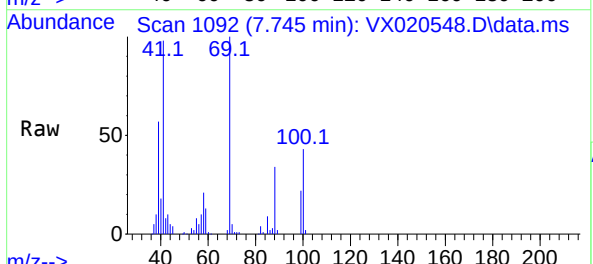
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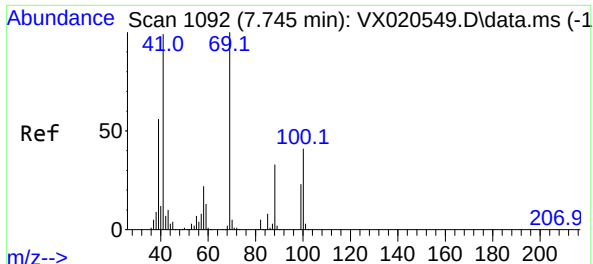
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1/12/2021 10:54:08 AM



#48  
Methyl methacrylate  
Concen: 15.09 ug/l  
RT: 7.745 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 41 Resp: 31432  
Ion Ratio Lower Upper  
41 100  
69 98.4 76.0 114.0  
39 56.7 44.6 67.0





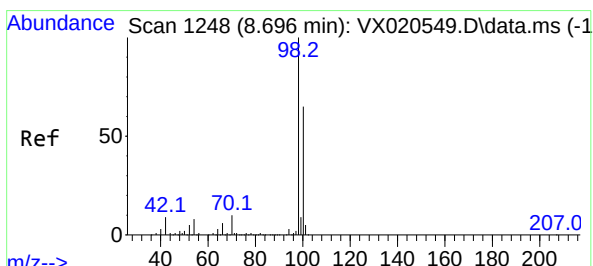
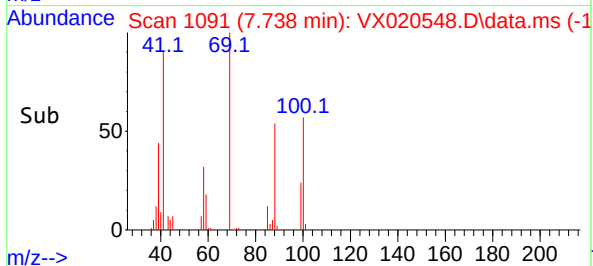
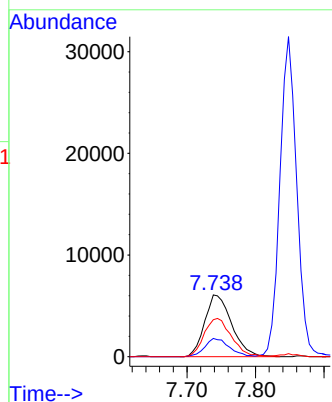
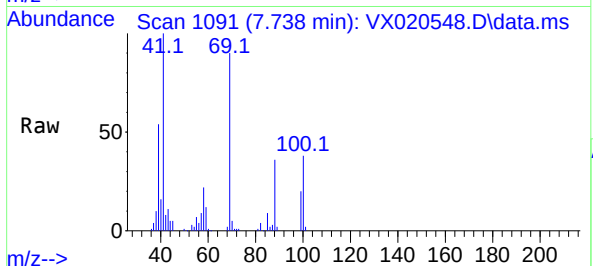
#49  
1,4-Dioxane  
Concen: 335.58 ug/l  
RT: 7.738 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 88 Resp: 16591  
Ion Ratio Lower Upper  
88 100  
43 27.0 23.2 34.8  
58 62.6 55.0 82.4

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020

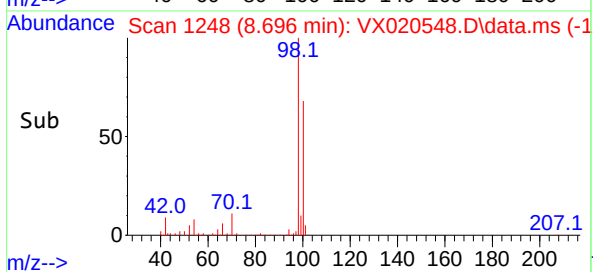
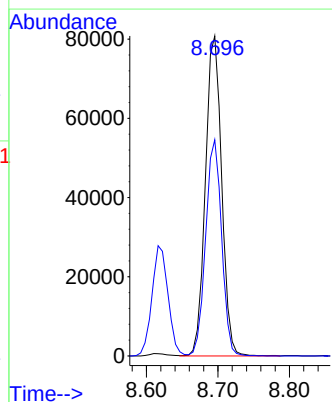
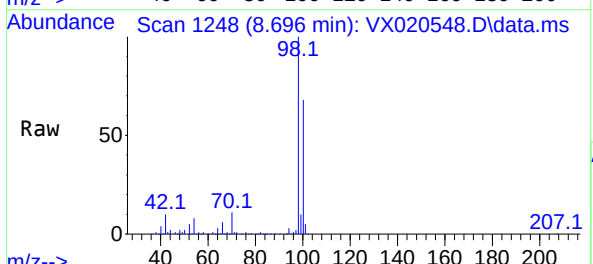
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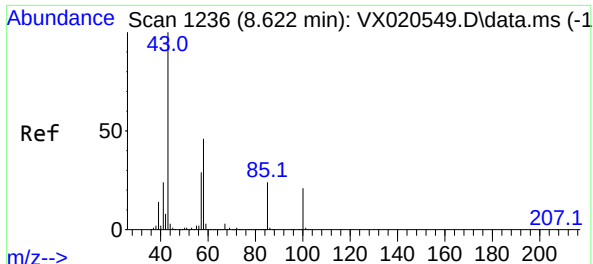
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1/12/2021 10:54:08 AM



#50  
Toluene-d8  
Concen: 19.01 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 98 Resp: 127576  
Ion Ratio Lower Upper  
98 100  
100 66.4 51.9 77.9





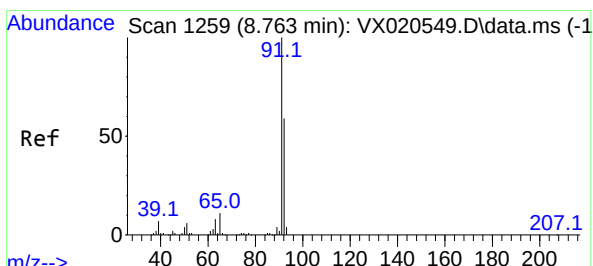
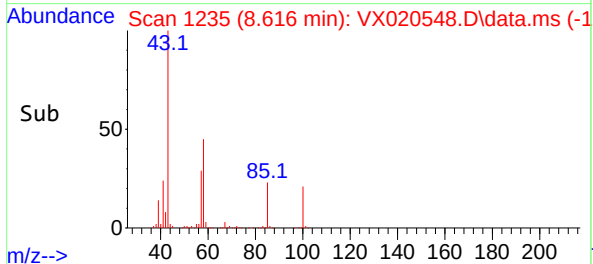
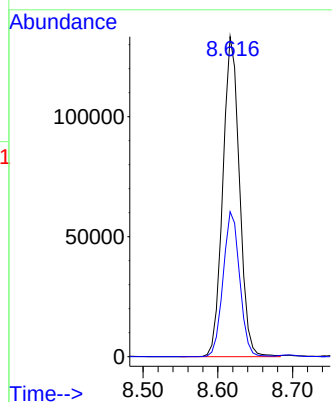
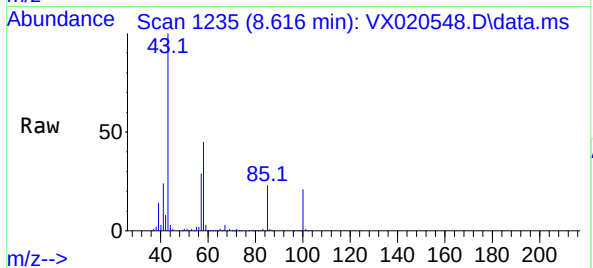
#51  
4-Methyl-2-Pentanone  
Concen: 78.36 ug/l  
RT: 8.616 min Scan# 1235  
Delta R.T. -0.006 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 43 Resp: 206706  
Ion Ratio Lower Upper  
43 100  
58 45.1 35.4 53.0

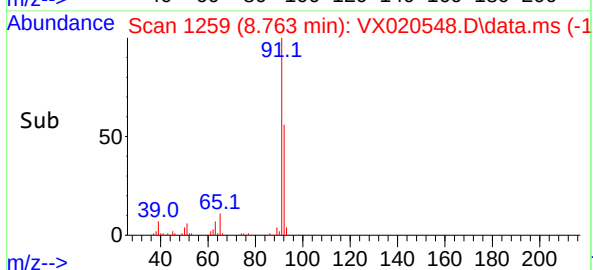
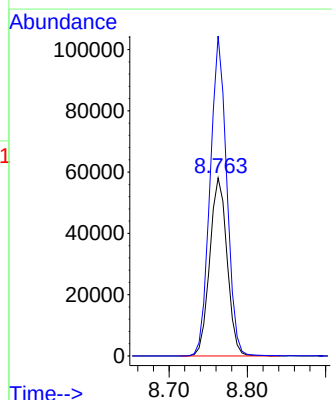
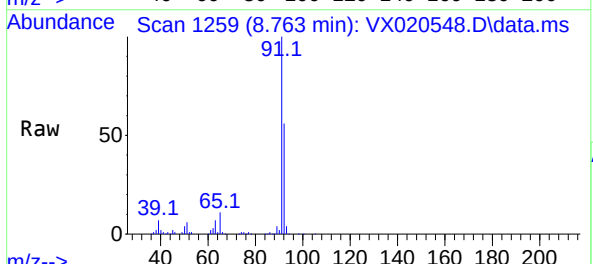
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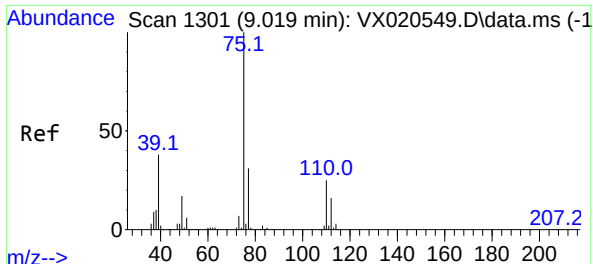
MMDadoda  
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#52  
Toluene  
Concen: 17.53 ug/l  
RT: 8.763 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 92 Resp: 89169  
Ion Ratio Lower Upper  
92 100  
91 172.4 137.1 205.7





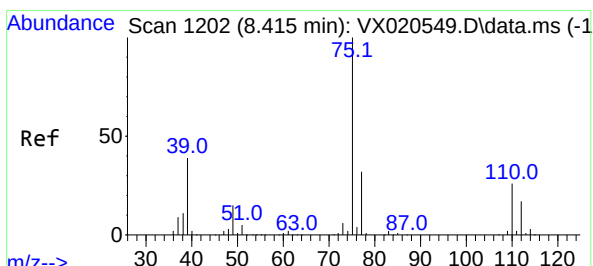
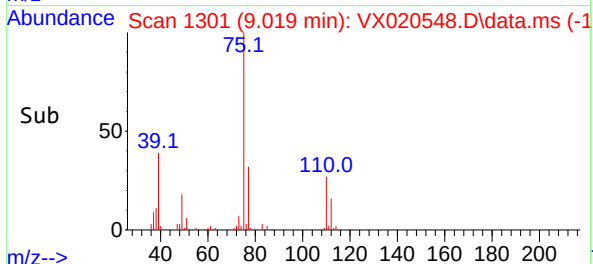
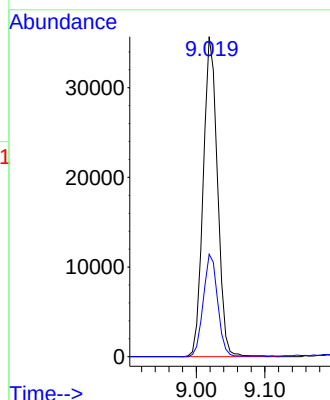
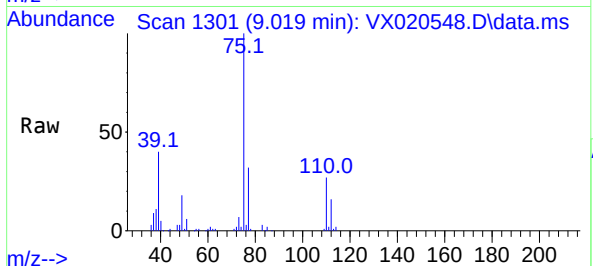
#53  
t-1,3-Dichloropropene  
Concen: 17.28 ug/l  
RT: 9.019 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 75 Resp: 51849  
Ion Ratio Lower Upper  
75 100  
77 32.0 24.9 37.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

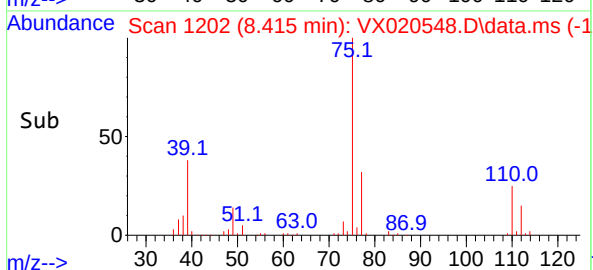
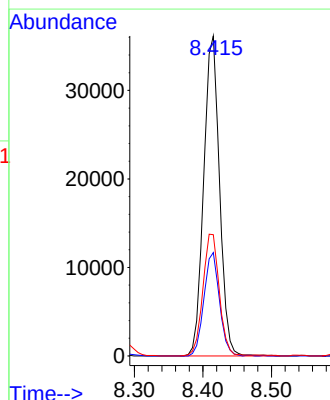
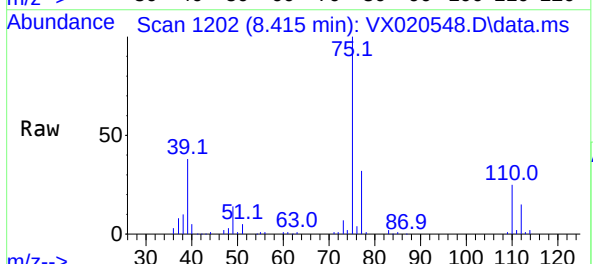
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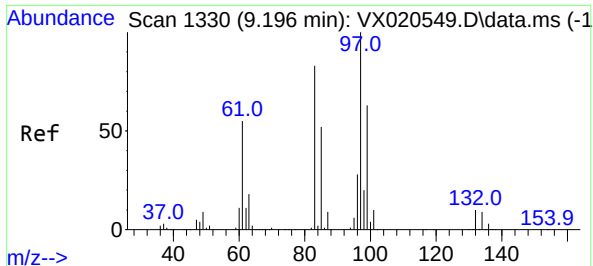
MMDadoda  
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#54  
cis-1,3-Dichloropropene  
Concen: 17.72 ug/l  
RT: 8.415 min Scan# 1202  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

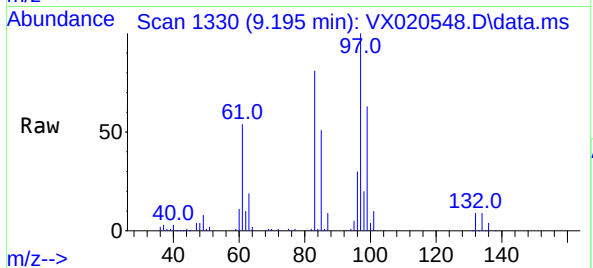
Tgt Ion: 75 Resp: 58194  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.7 38.5  
39 37.9 35.1 52.7





#55  
1,1,2-Trichloroethane  
Concen: 18.02 ug/l  
RT: 9.195 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

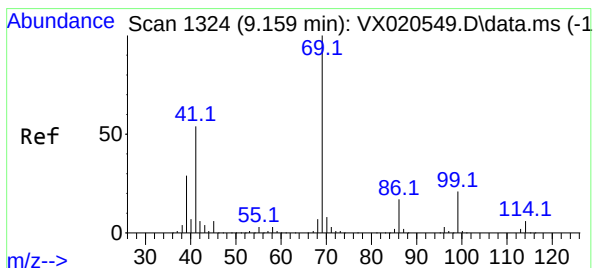
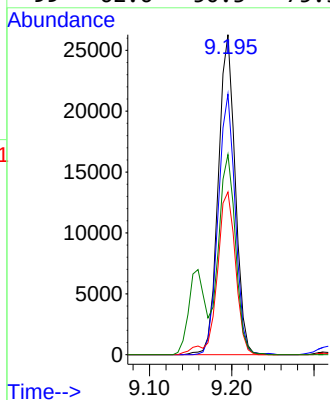
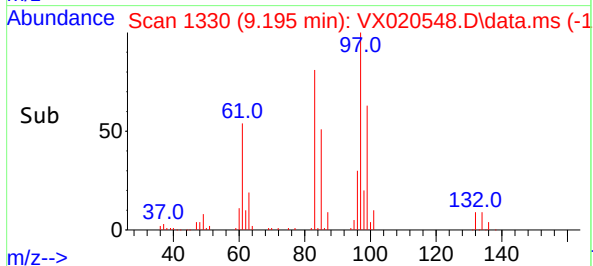


Tgt Ion: 97 Resp: 37621

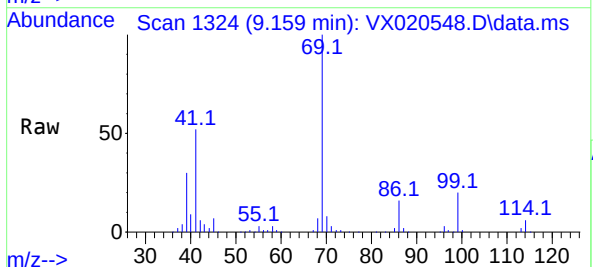
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 81.4  | 69.3  | 103.9 |
| 85  | 50.8  | 44.3  | 66.5  |
| 99  | 62.6  | 50.3  | 75.5  |

Manual Integrations  
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1/12/2021 10:54:08 AM

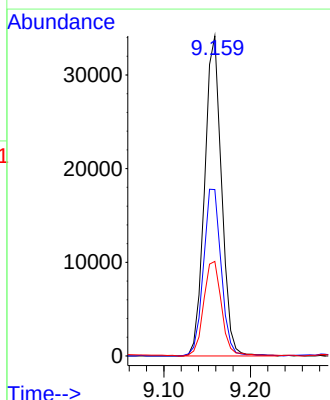
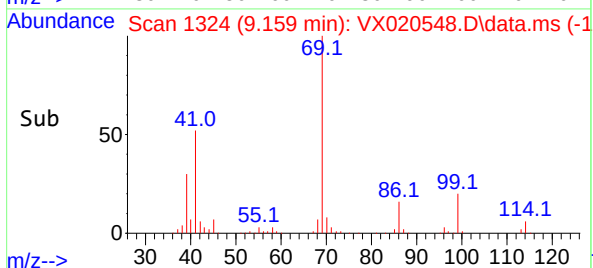


#56  
Ethyl methacrylate  
Concen: 15.50 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

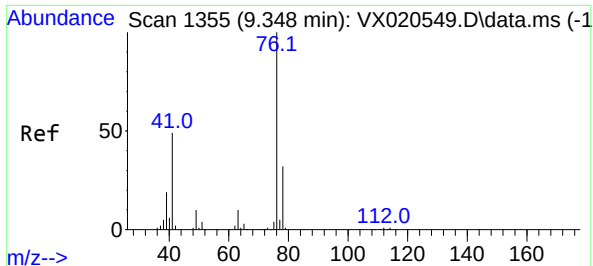


Tgt Ion: 69 Resp: 46438

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 54.8  | 46.8  | 70.2  |
| 39  | 31.6  | 24.7  | 37.1  |







#57

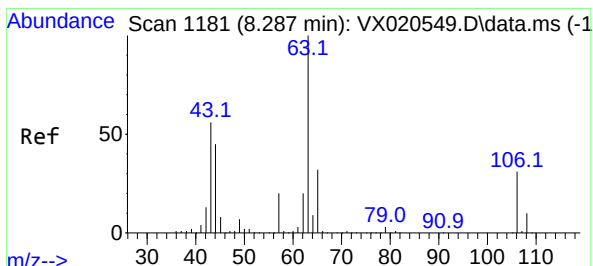
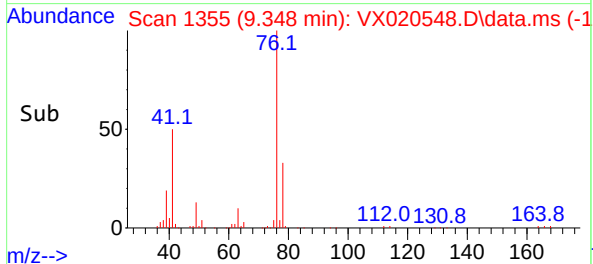
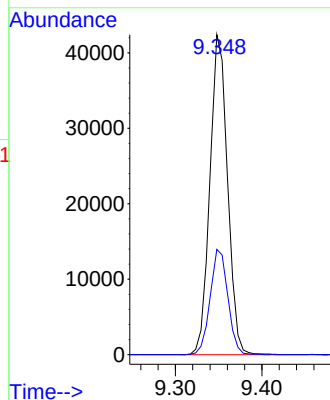
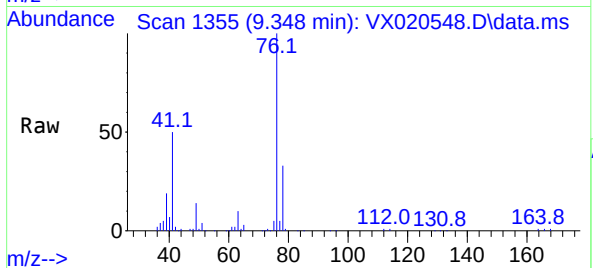
1,3-Dichloropropane  
Concen: 17.01 ug/l  
RT: 9.348 min Scan# 1355  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 76 Resp: 59891  
Ion Ratio Lower Upper  
76 100  
78 33.1 26.2 39.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

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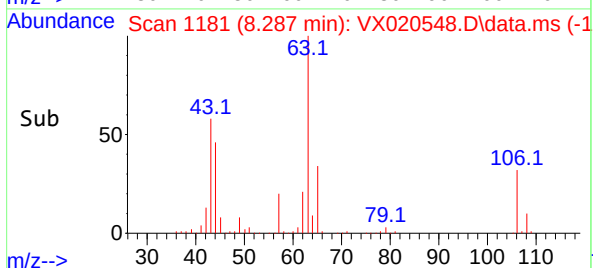
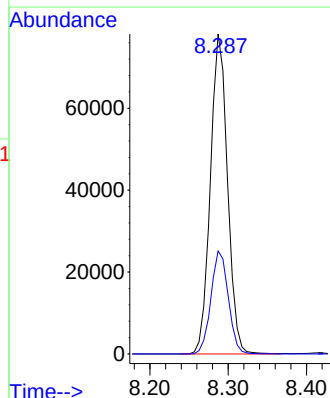
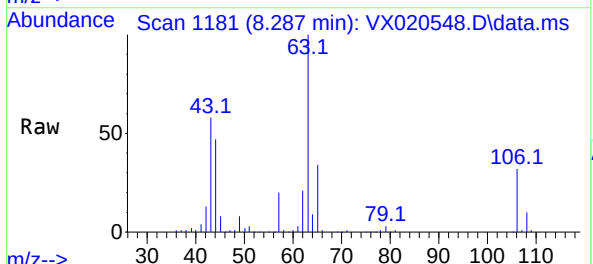
MMDadoda  
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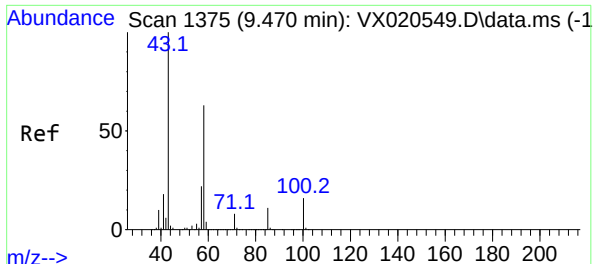


#58

2-Chloroethyl Vinyl ether  
Concen: 75.13 ug/l  
RT: 8.287 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 63 Resp: 118491  
Ion Ratio Lower Upper  
63 100  
106 32.6 23.5 35.3





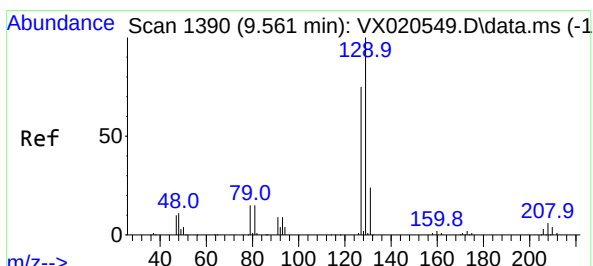
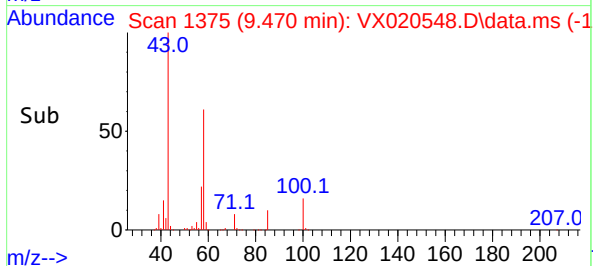
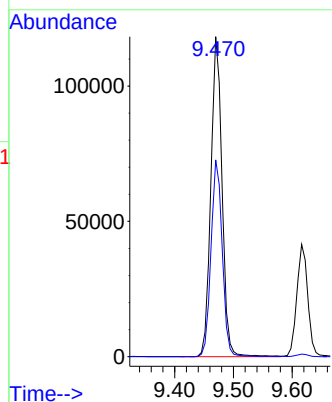
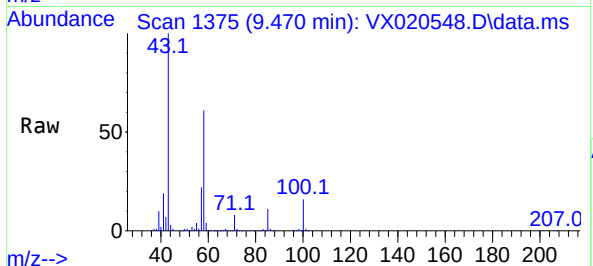
#59  
2-Hexanone  
Concen: 77.86 ug/l  
RT: 9.470 min Scan# 1375  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 43 Resp: 156560  
Ion Ratio Lower Upper  
43 100  
58 61.5 30.9 92.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

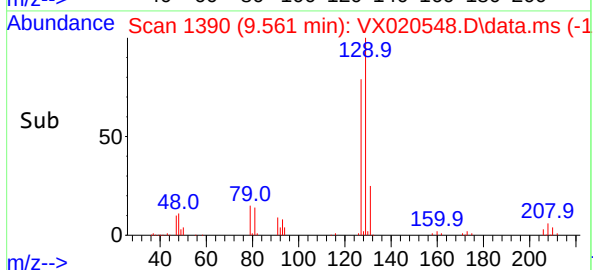
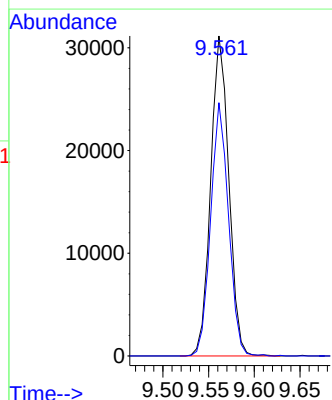
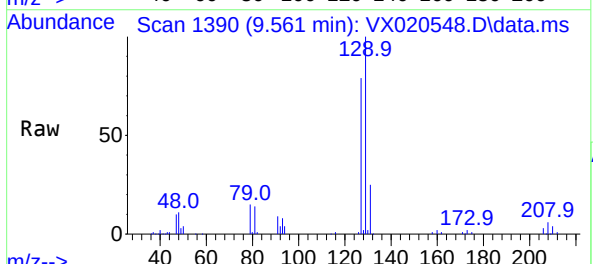
Manual Integrations  
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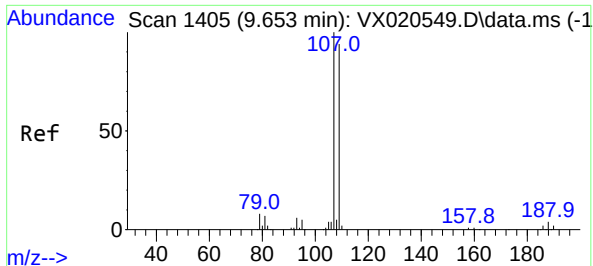
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 20.27 ug/l  
RT: 9.561 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

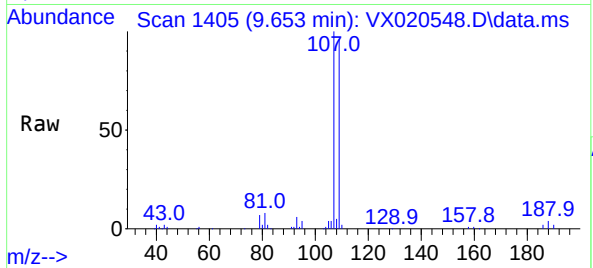
Tgt Ion: 129 Resp: 42811  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.4 115.2





#61  
1,2-Dibromoethane  
Concen: 18.58 ug/l  
RT: 9.653 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

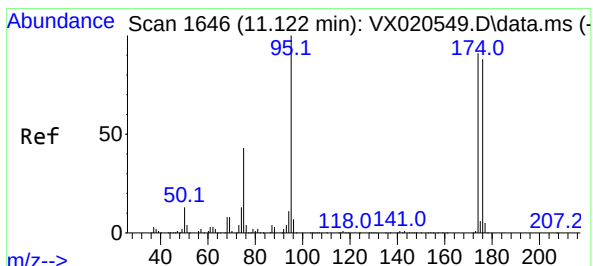
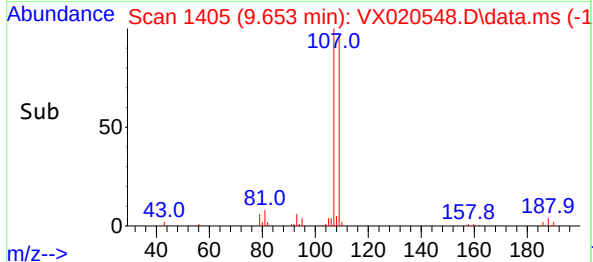
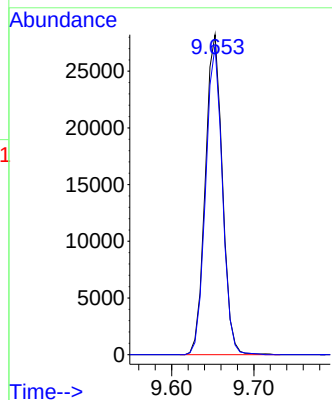
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020



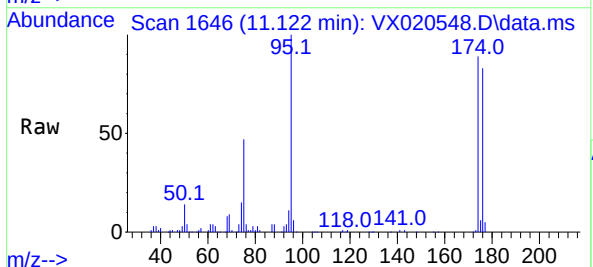
Tgt Ion:107 Resp: 40648  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.8 113.6

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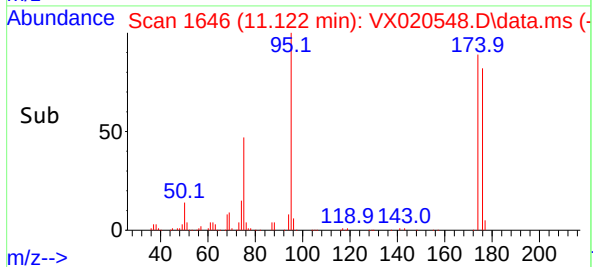
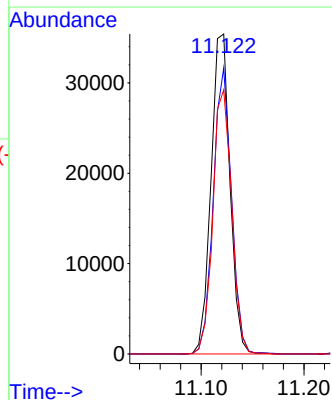
MMDadoda  
1/12/2021 10:54:08 AM

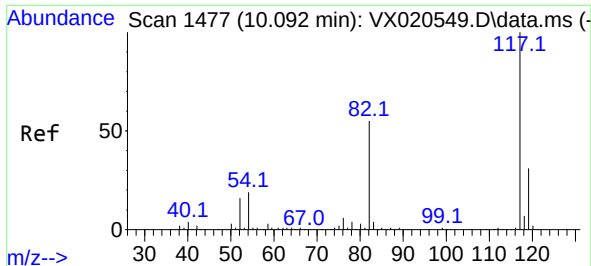


#62  
4-Bromofluorobenzene  
Concen: 18.22 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



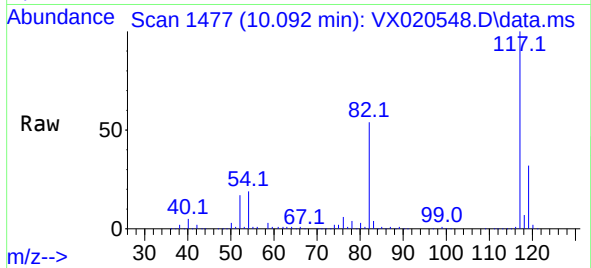
Tgt Ion: 95 Resp: 45405  
Ion Ratio Lower Upper  
95 100  
174 85.7 0.0 154.6  
176 81.8 0.0 155.8





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

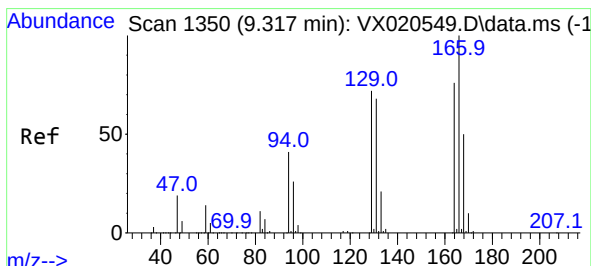
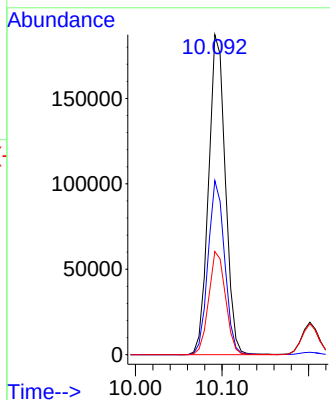
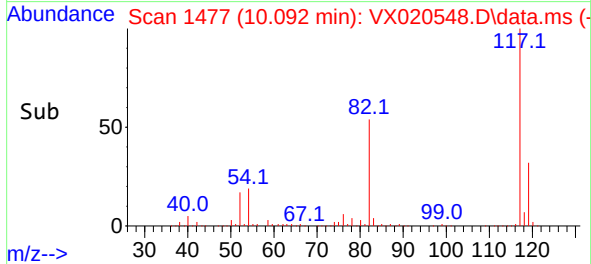
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020



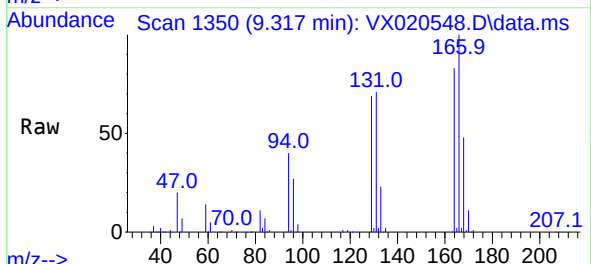
Tgt Ion:117 Resp: 252399  
Ion Ratio Lower Upper  
117 100  
82 54.4 47.4 71.2  
119 32.3 26.6 39.8

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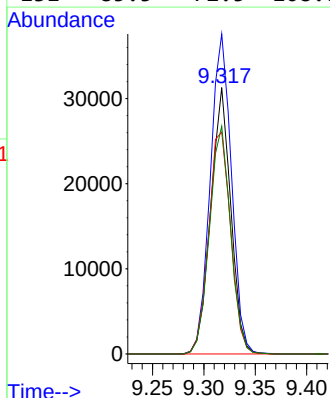
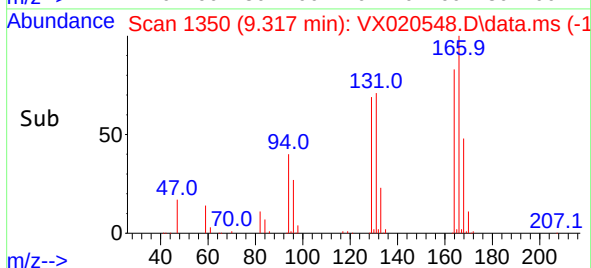
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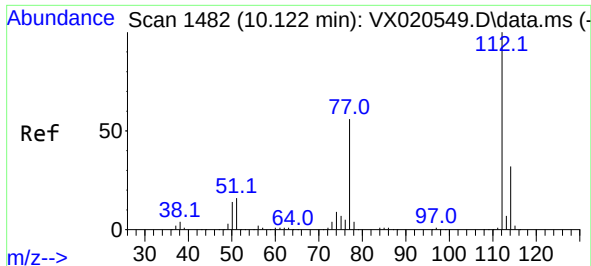


#64  
Tetrachloroethene  
Concen: 21.51 ug/l  
RT: 9.317 min Scan# 1350  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



Tgt Ion:164 Resp: 42639  
Ion Ratio Lower Upper  
164 100  
166 120.1 103.4 155.2  
129 83.3 70.8 106.2  
131 85.5 72.5 108.7





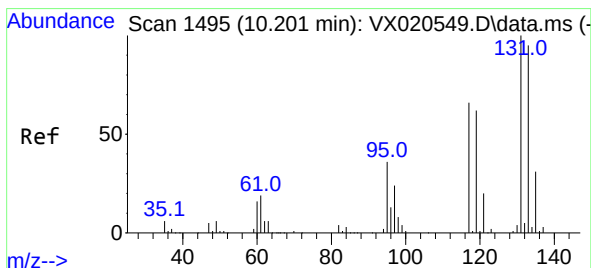
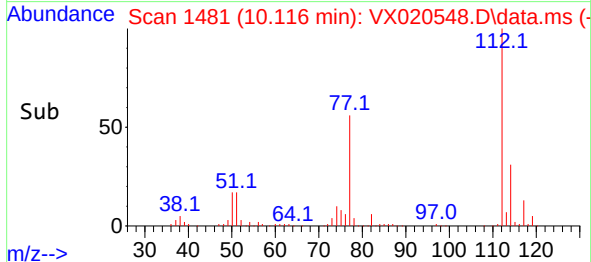
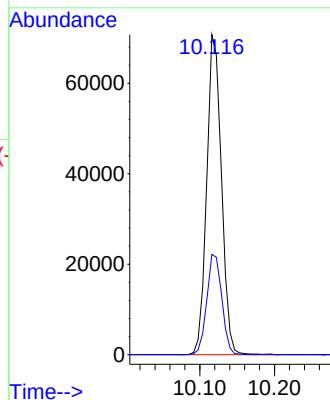
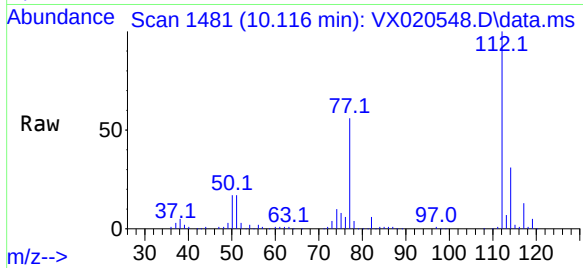
#65  
Chlorobenzene  
Concen: 17.88 ug/l  
RT: 10.116 min Scan# 1481  
Delta R.T. -0.006 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion:112 Resp: 96735  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.8 38.6

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020

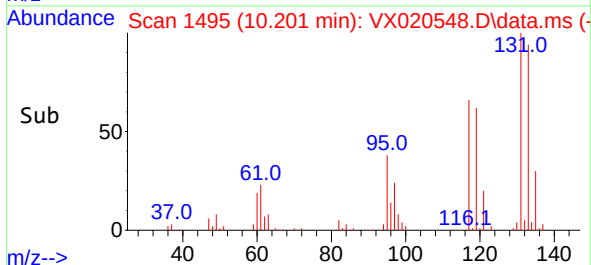
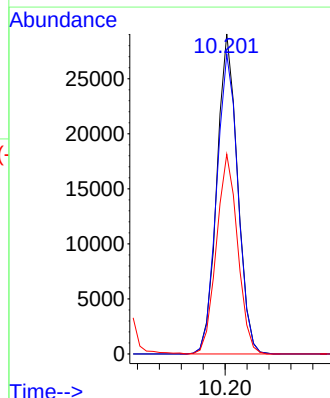
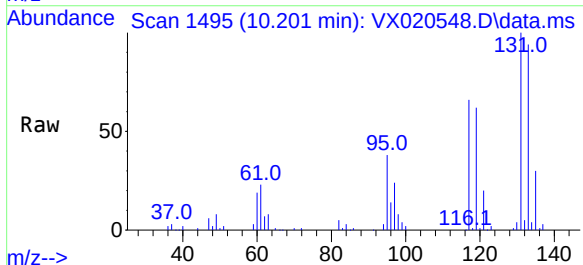
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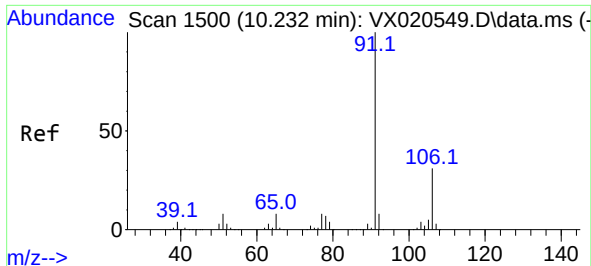
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1/12/2021 10:54:08 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.64 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion:131 Resp: 38005  
Ion Ratio Lower Upper  
131 100  
133 96.8 47.7 143.1  
119 64.0 32.1 96.5





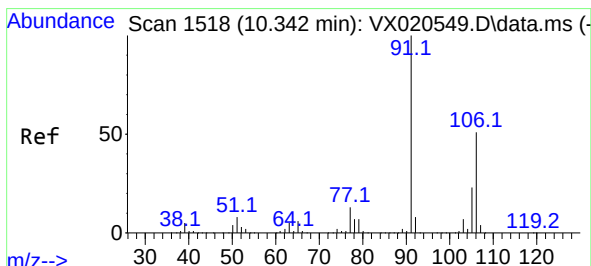
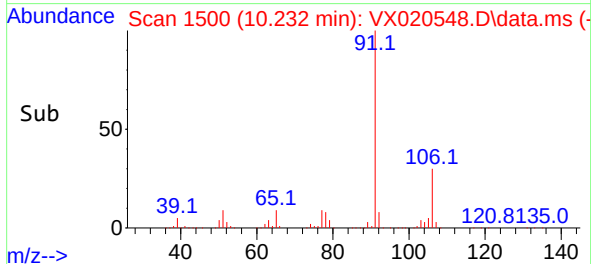
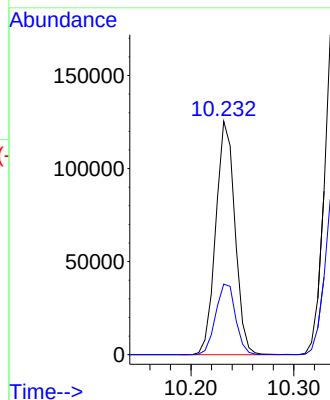
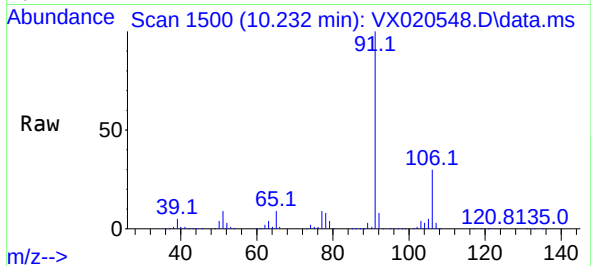
#67  
Ethyl Benzene  
Concen: 17.36 ug/l  
RT: 10.232 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 91 Resp: 162100  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.6 37.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

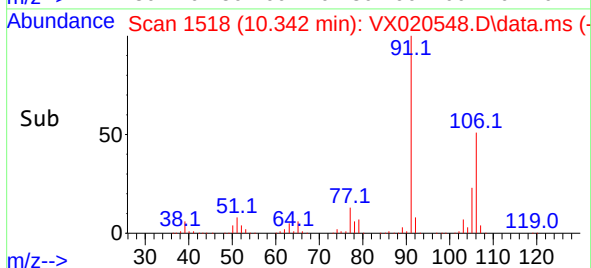
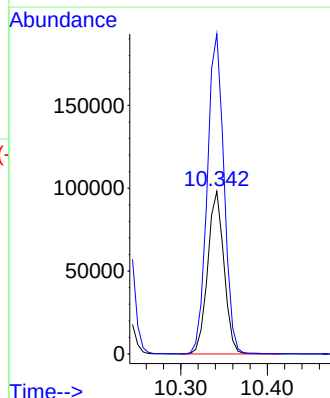
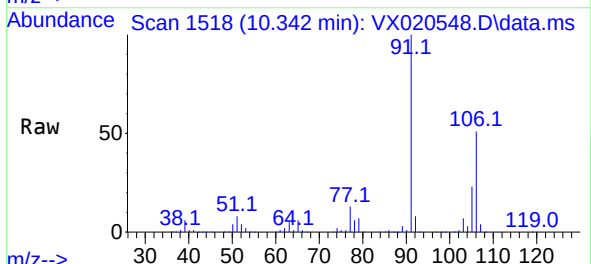
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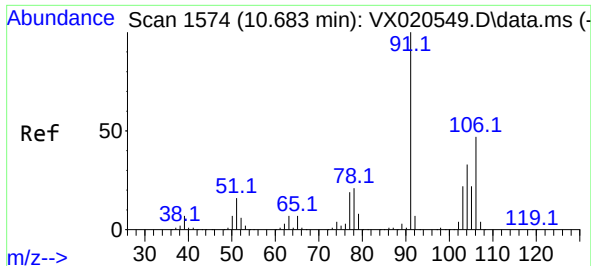
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#68  
m/p-Xylenes  
Concen: 36.33 ug/l  
RT: 10.342 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 106 Resp: 128003  
Ion Ratio Lower Upper  
106 100  
91 201.8 162.8 244.2





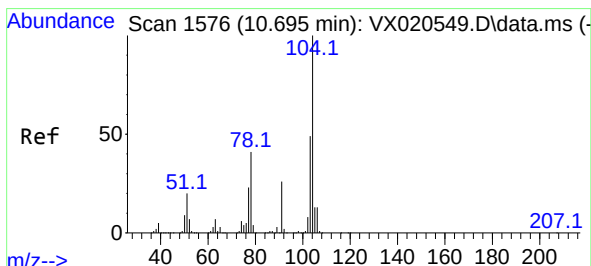
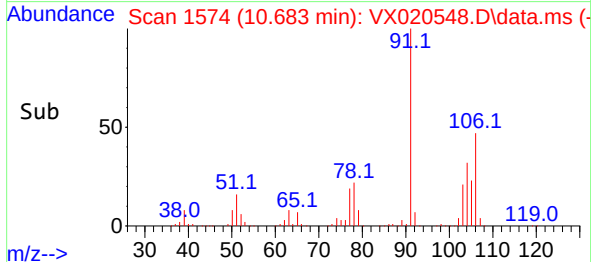
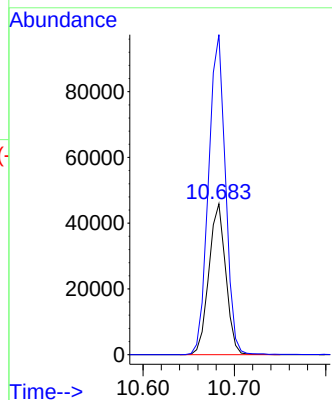
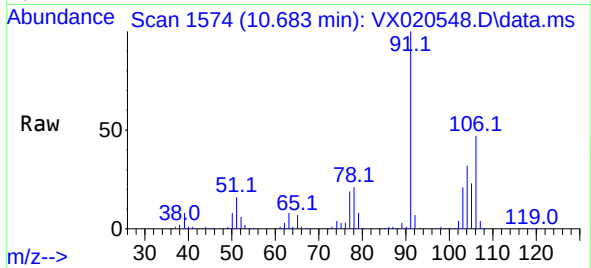
#69  
o-Xylene  
Concen: 17.53 ug/l  
RT: 10.683 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion:106 Resp: 58729  
Ion Ratio Lower Upper  
106 100  
91 213.4 108.1 324.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

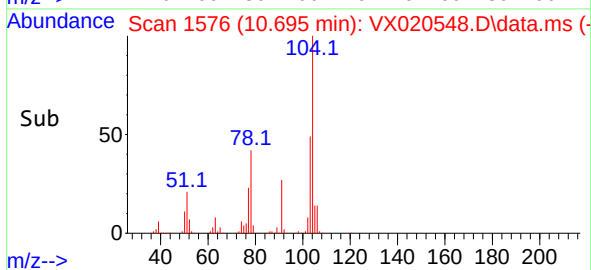
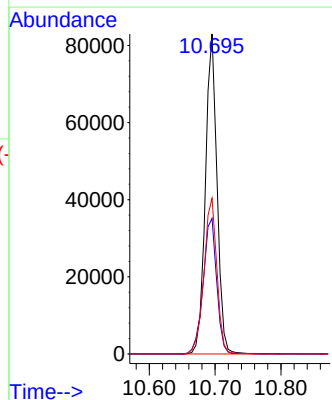
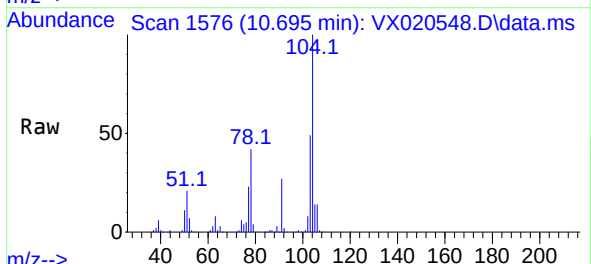
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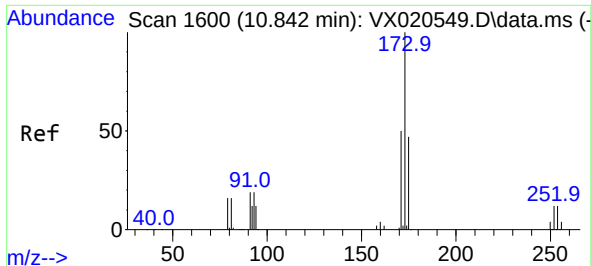
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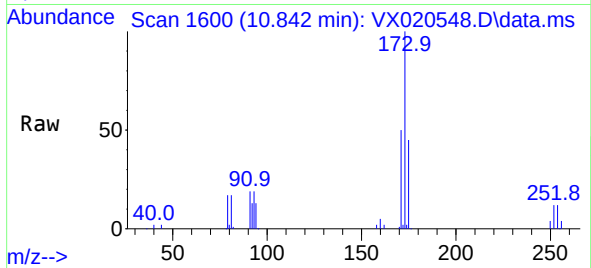
#70  
Styrene  
Concen: 17.98 ug/l  
RT: 10.695 min Scan# 1576  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion:104 Resp: 101927  
Ion Ratio Lower Upper  
104 100  
78 49.1 40.0 60.0  
103 54.2 43.4 65.0

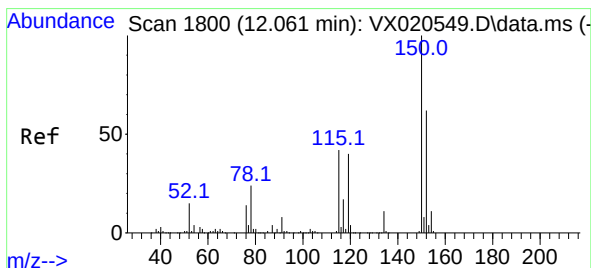
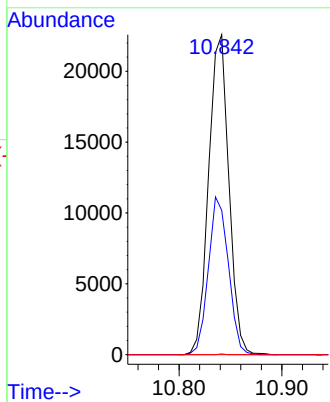
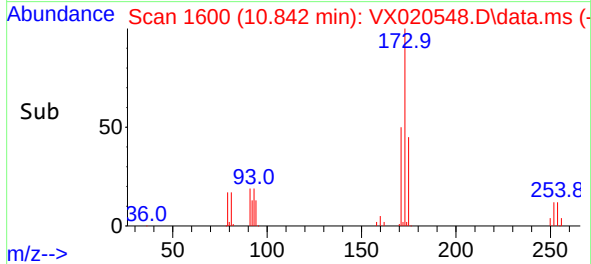




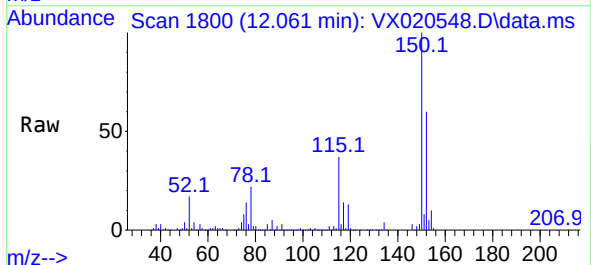
#71  
Bromoform  
Concen: 20.08 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



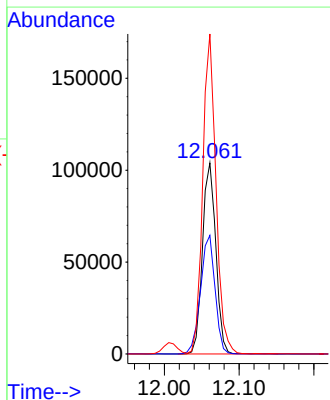
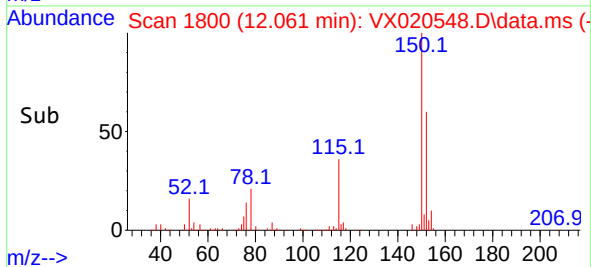
Tgt Ion:173 Resp: 30833  
Ion Ratio Lower Upper  
173 100  
175 48.9 23.9 71.8  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.061 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



Tgt Ion:152 Resp: 129170  
Ion Ratio Lower Upper  
152 100  
115 67.3 41.1 123.3  
150 165.1 0.0 349.0

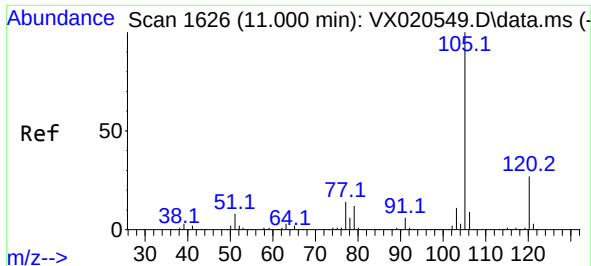


Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

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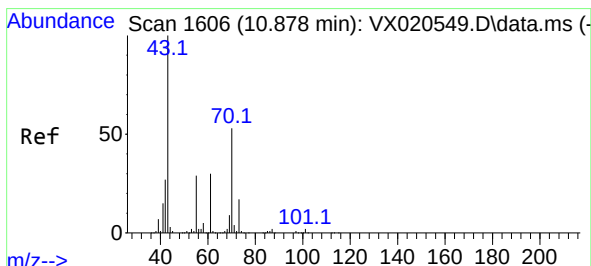
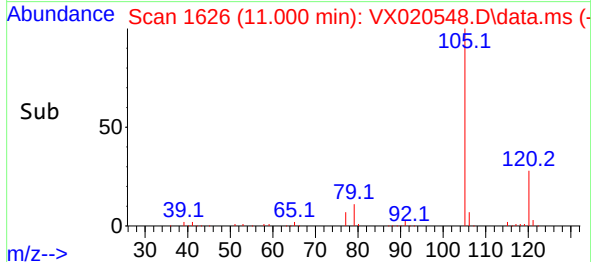
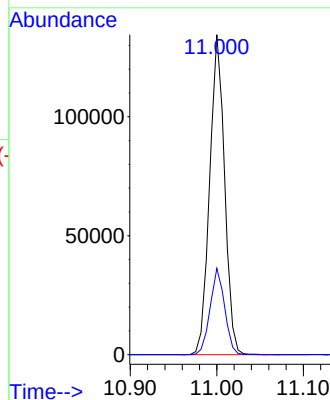
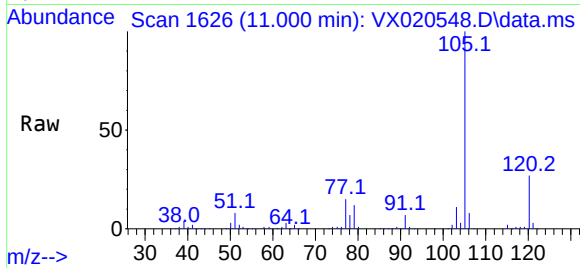
#73  
Isopropylbenzene  
Concen: 17.27 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 105 Resp: 160817  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.2 39.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

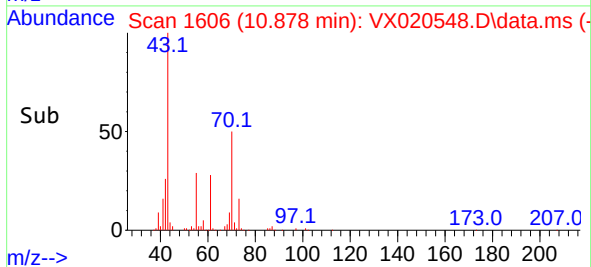
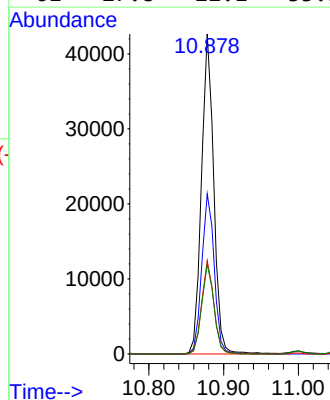
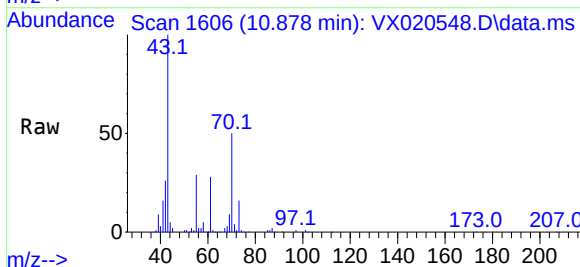
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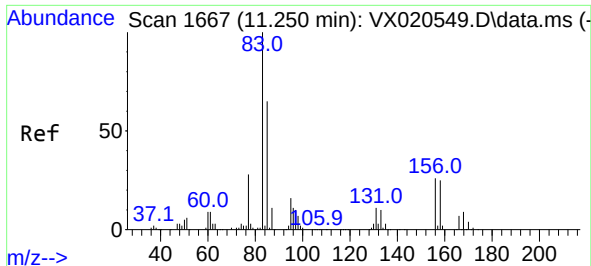
MMDadoda  
1/12/2021 10:54:08 AM



#74  
N-ethyl acetate  
Concen: 13.37 ug/l  
RT: 10.878 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 43 Resp: 48702  
Ion Ratio Lower Upper  
43 100  
70 51.0 39.0 58.6  
55 29.1 21.5 32.3  
61 27.8 22.1 33.1





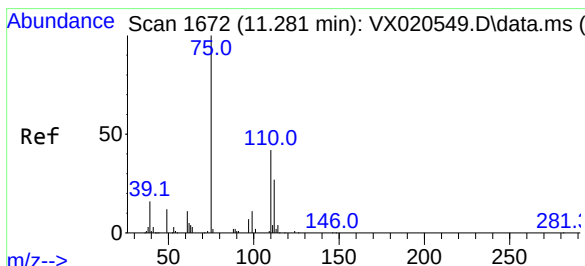
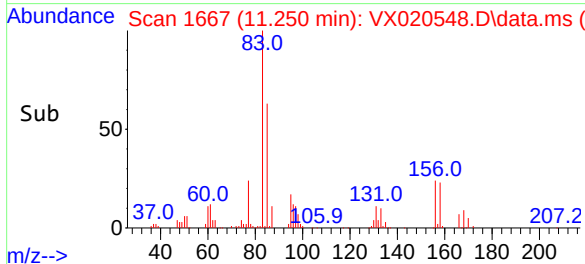
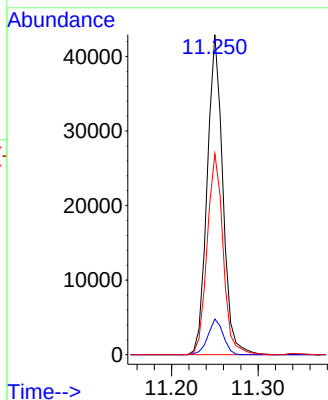
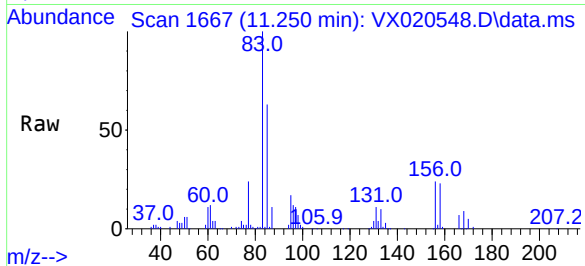
#75  
1,1,2,2-Tetrachloroethane  
Concen: 16.33 ug/l  
RT: 11.250 min Scan# 1667  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 10.9  | 5.1   | 15.2  |
| 85      | 64.1  | 31.8  | 95.4  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

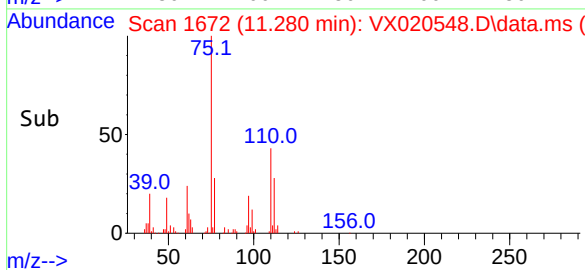
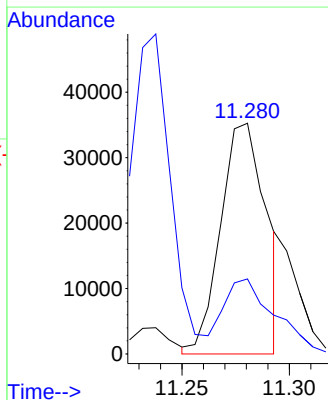
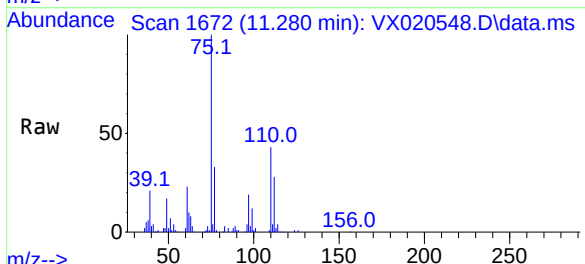
Manual Integrations  
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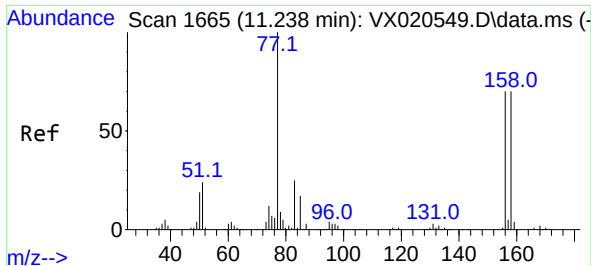
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#76  
1,2,3-Trichloropropane  
Concen: 16.70 ug/l m  
RT: 11.280 min Scan# 1672  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 36.4  | 19.1  | 57.5  |





#77  
Bromobenzene  
Concen: 17.25 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

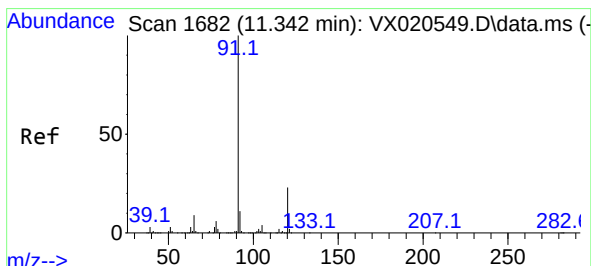
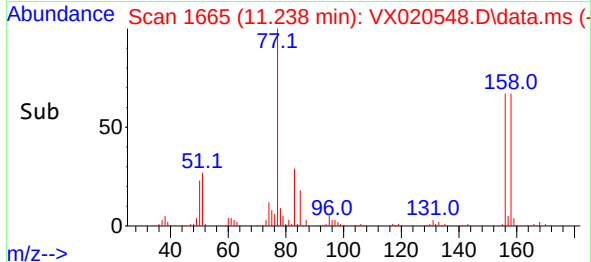
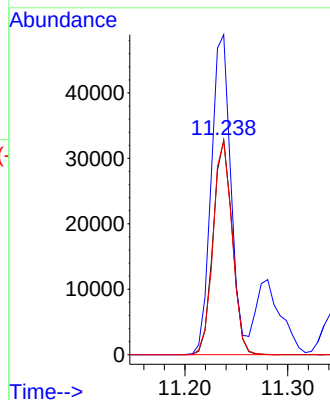
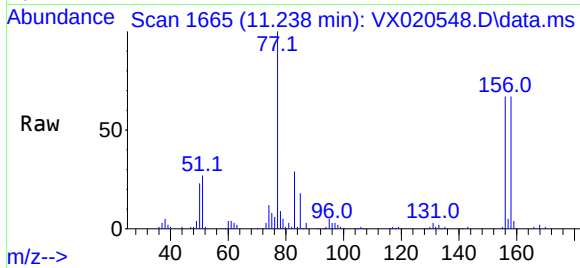
Tgt Ion:156 Resp: 42361  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 154.0 | 82.8  | 248.6 |
| 158 | 99.4  | 49.1  | 147.4 |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

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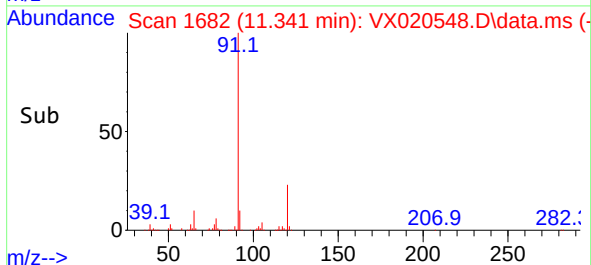
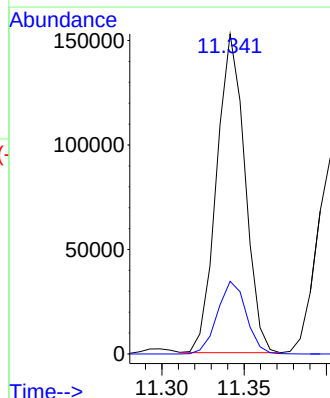
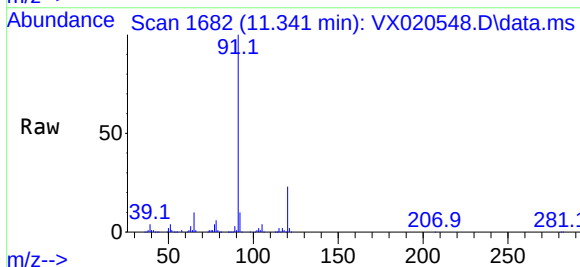
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1/12/2021 10:54:08 AM

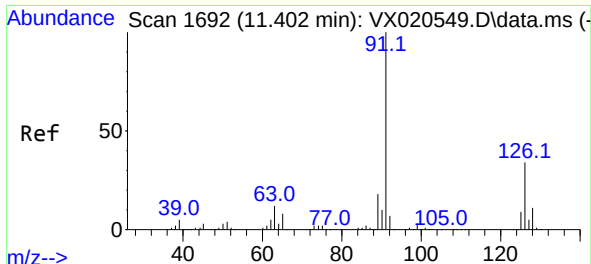


#78  
n-propylbenzene  
Concen: 17.03 ug/l  
RT: 11.341 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 91 Resp: 182405  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 23.2  | 11.5  | 34.5  |





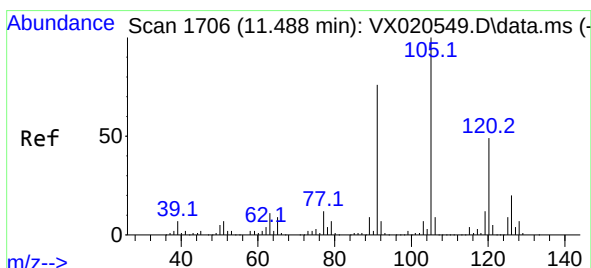
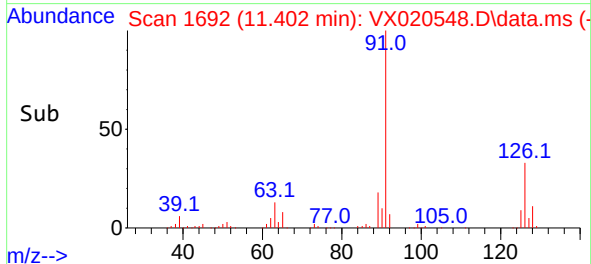
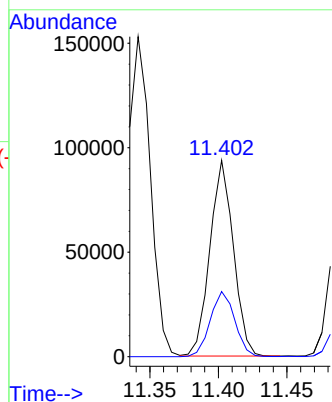
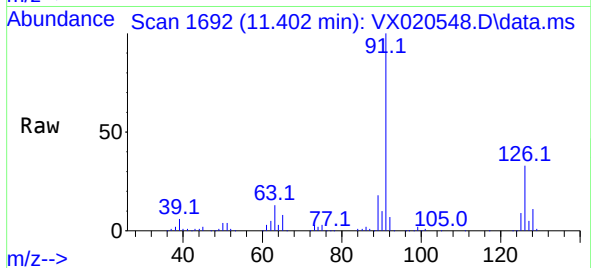
#79  
2-Chlorotoluene  
Concen: 16.90 ug/l  
RT: 11.402 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion: 91 Resp: 111768  
Ion Ratio Lower Upper  
91 100  
126 34.8 16.6 49.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

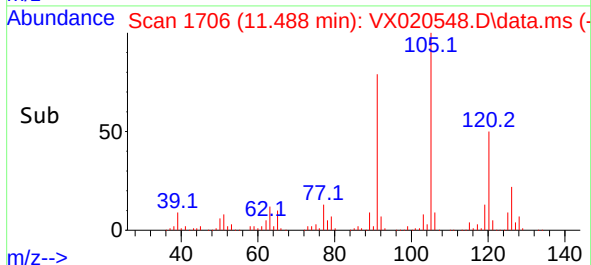
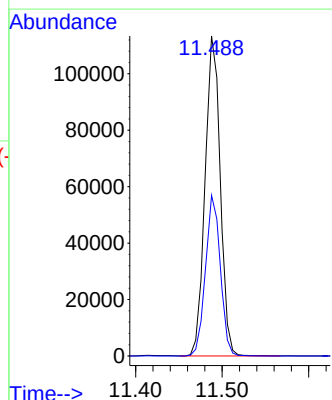
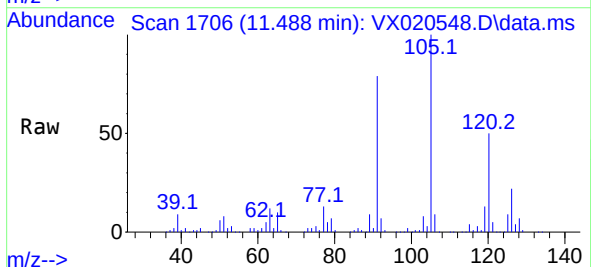
Manual Integrations  
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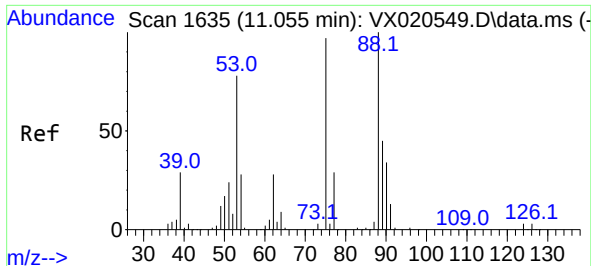
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#80  
1,3,5-Trimethylbenzene  
Concen: 17.53 ug/l  
RT: 11.488 min Scan# 1706  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

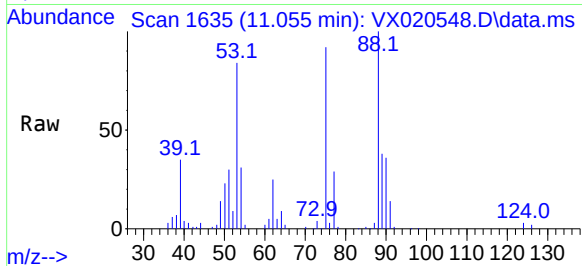
Tgt Ion: 105 Resp: 138041  
Ion Ratio Lower Upper  
105 100  
120 49.0 23.8 71.5





#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.57 ug/l  
RT: 11.055 min Scan# 1635  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

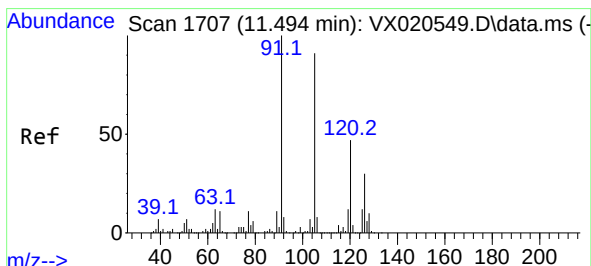
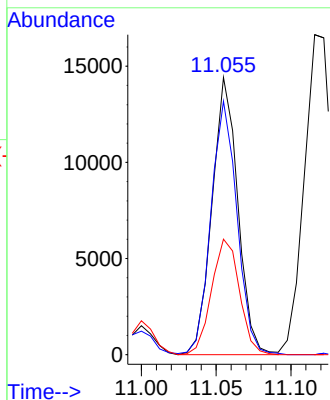
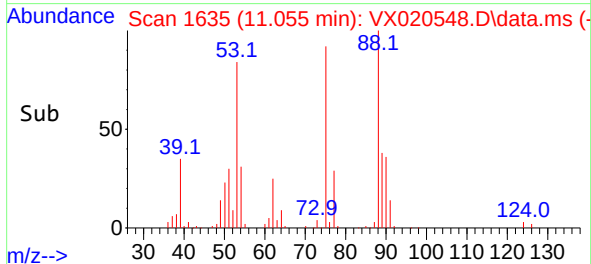
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020



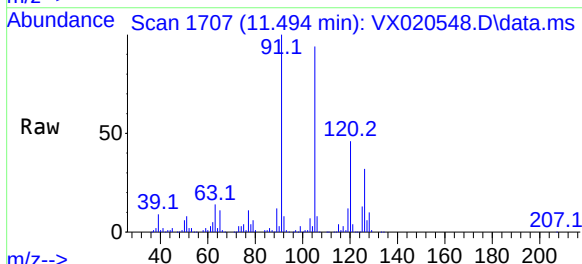
Tgt Ion: 75 Resp: 17335  
Ion Ratio Lower Upper  
75 100  
53 92.3 74.5 111.7  
89 44.9 37.9 56.9

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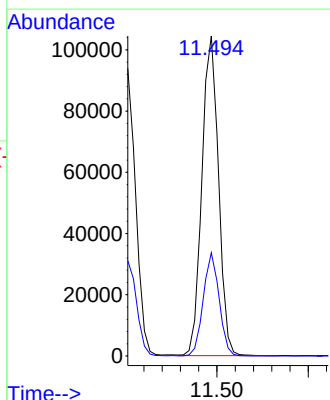
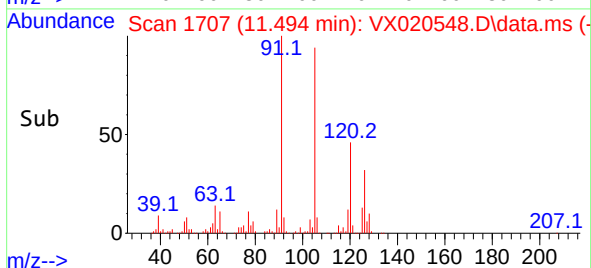
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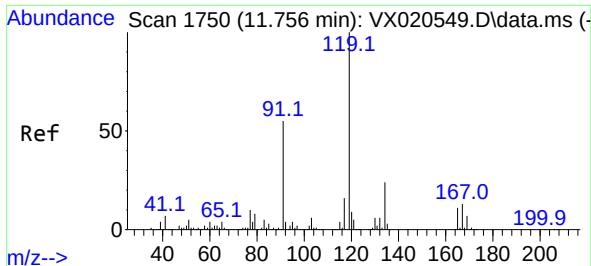


#82  
4-Chlorotoluene  
Concen: 17.00 ug/l  
RT: 11.494 min Scan# 1707  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



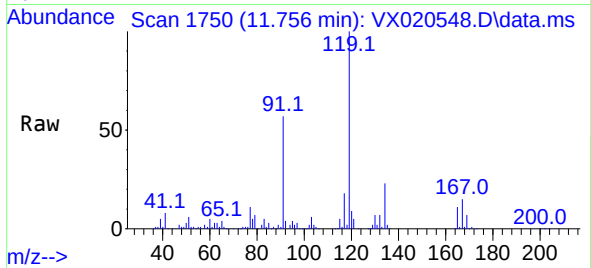
Tgt Ion: 91 Resp: 131442  
Ion Ratio Lower Upper  
91 100  
126 30.8 14.9 44.5





#83  
tert-Butylbenzene  
Concen: 16.78 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

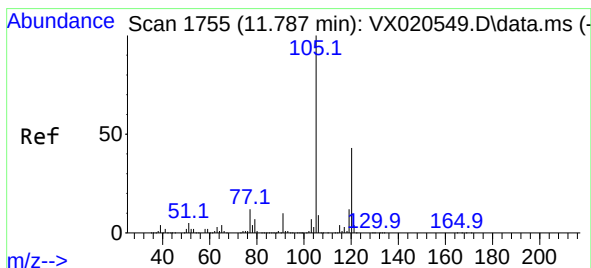
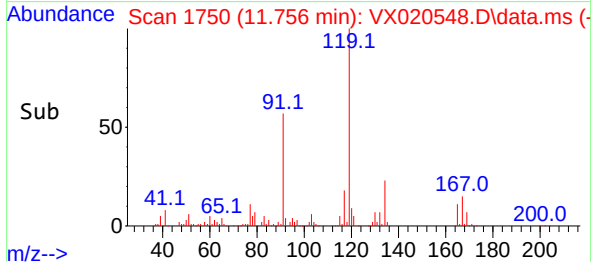
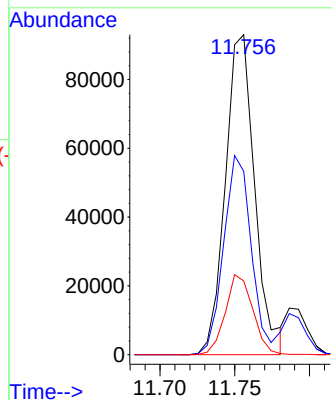
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020



Tgt Ion:119 Resp: 127265  
Ion Ratio Lower Upper  
119 100  
91 58.4 27.9 83.7  
134 23.4 11.3 33.9

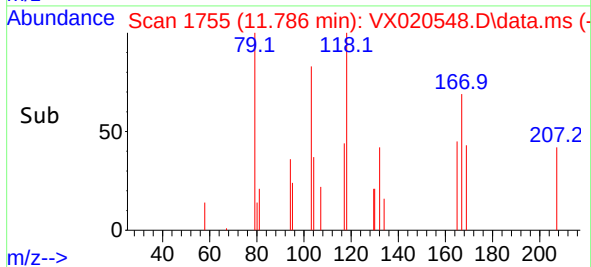
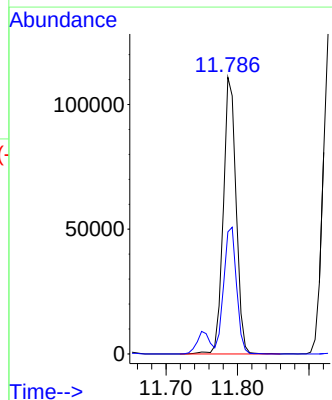
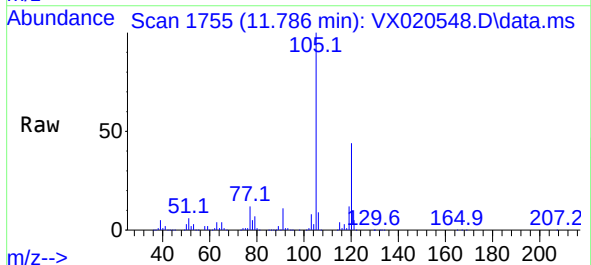
Manual Integrations  
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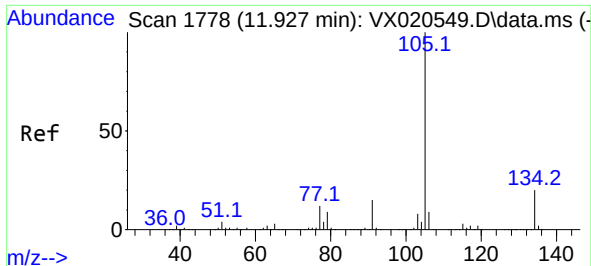
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#84  
1,2,4-Trimethylbenzene  
Concen: 17.28 ug/l  
RT: 11.786 min Scan# 1755  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion:105 Resp: 137888  
Ion Ratio Lower Upper  
105 100  
120 45.9 22.4 67.3





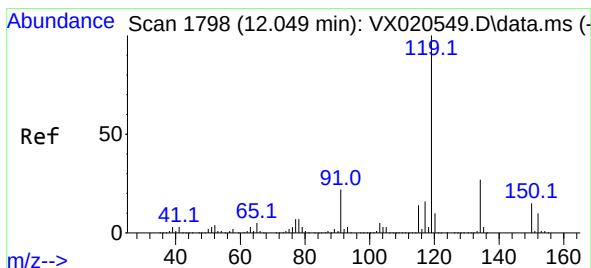
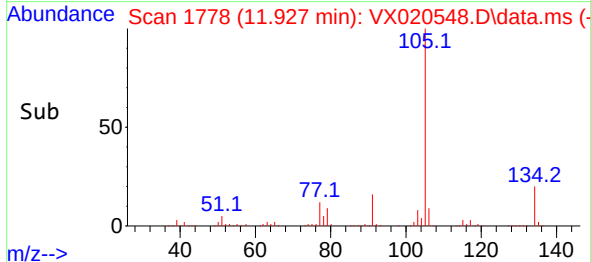
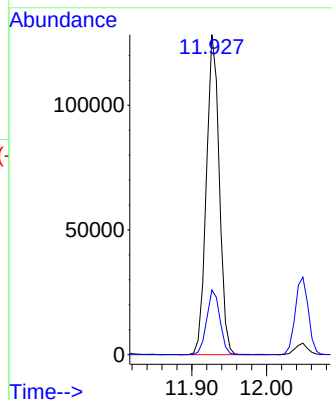
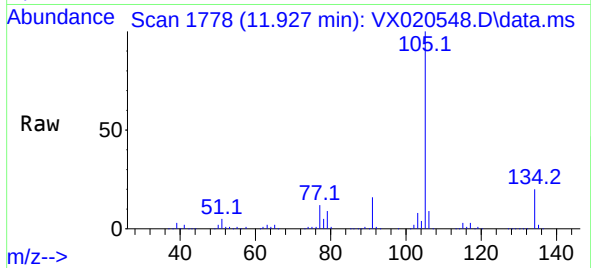
#85  
 sec-Butylbenzene  
 Concen: 17.44 ug/l  
 RT: 11.927 min Scan# 1778  
 Delta R.T. -0.000 min  
 Lab File: VX020548.D  
 Acq: 11 Jan 2021 13:26

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC020

Tgt Ion:105 Resp: 153758  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.0 29.8

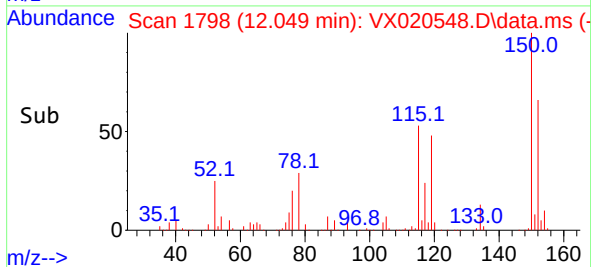
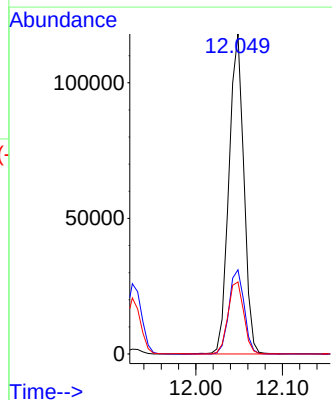
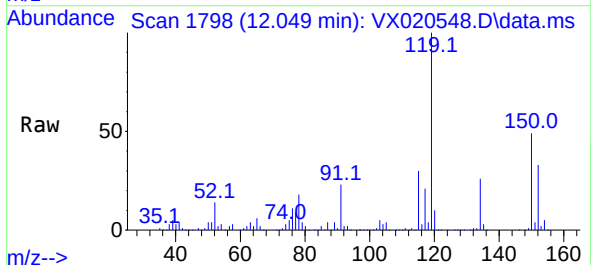
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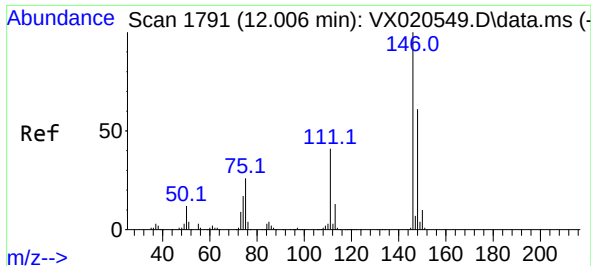
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#86  
 p-Isopropyltoluene  
 Concen: 17.36 ug/l  
 RT: 12.049 min Scan# 1798  
 Delta R.T. -0.000 min  
 Lab File: VX020548.D  
 Acq: 11 Jan 2021 13:26

Tgt Ion:119 Resp: 141206  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 12.9 38.7  
 91 23.9 11.7 35.0





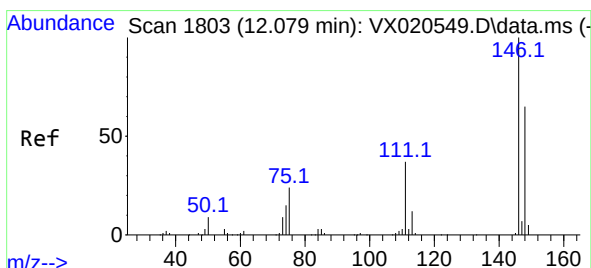
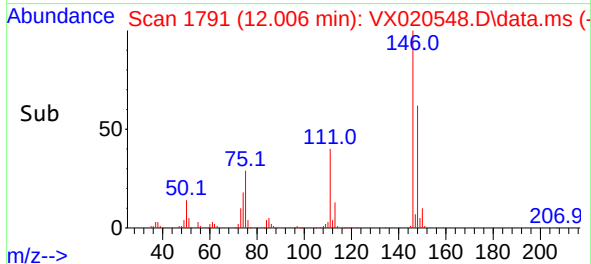
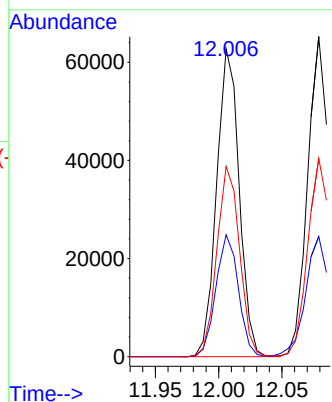
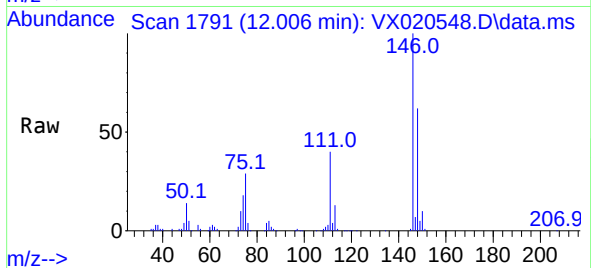
#87  
1,3-Dichlorobenzene  
Concen: 17.67 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion:146 Resp: 77687  
Ion Ratio Lower Upper  
146 100  
111 39.5 20.2 60.5  
148 62.2 31.9 95.7

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC020

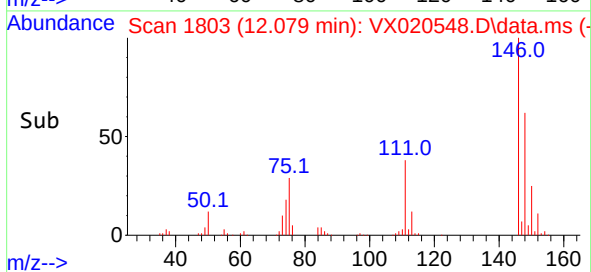
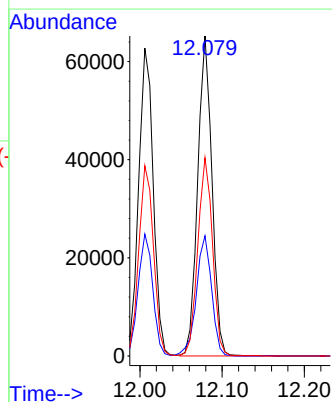
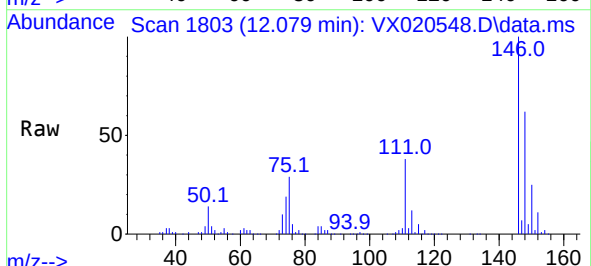
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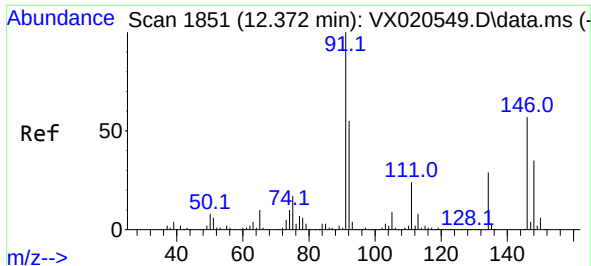


#88  
1,4-Dichlorobenzene  
Concen: 17.18 ug/l  
RT: 12.079 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

Tgt Ion:146 Resp: 78611  
Ion Ratio Lower Upper  
146 100  
111 40.2 19.6 58.8  
148 64.0 31.6 95.0

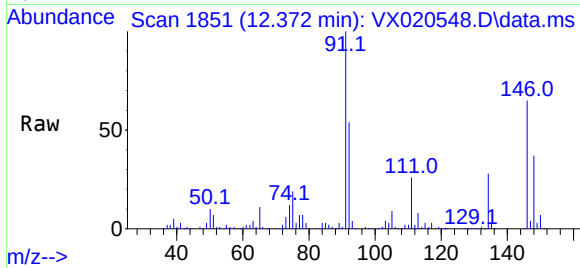






#89  
n-Butylbenzene  
Concen: 16.40 ug/l  
RT: 12.372 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

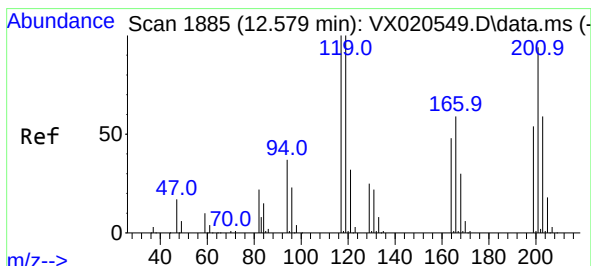
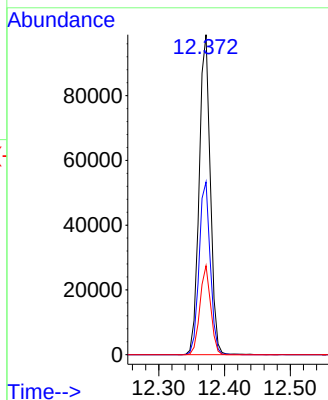
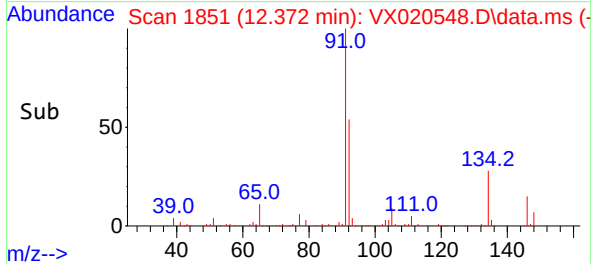
Instrument :  
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ClientSampleId :  
VSTDIC020



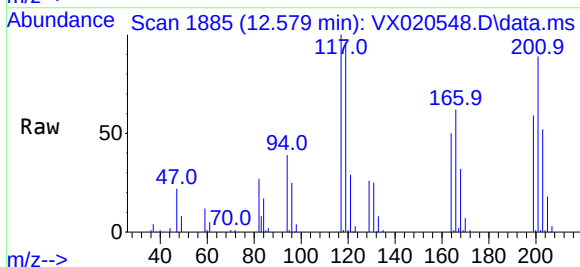
Tgt Ion: 91 Resp: 116291  
Ion Ratio Lower Upper  
91 100  
92 54.1 27.4 82.0  
134 26.8 13.2 39.5

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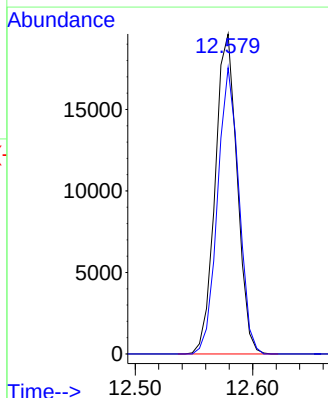
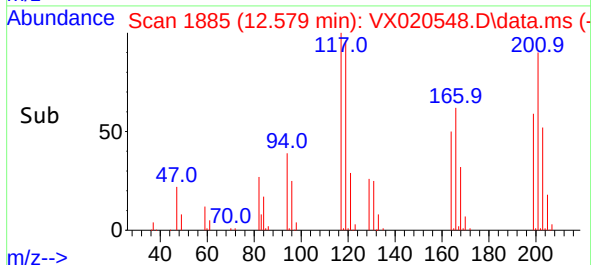
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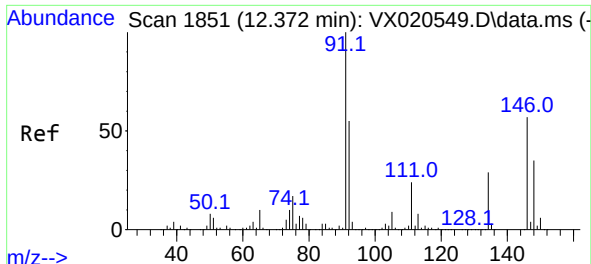


#90  
Hexachloroethane  
Concen: 18.15 ug/l  
RT: 12.579 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

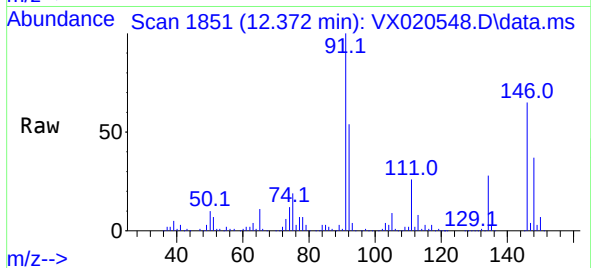


Tgt Ion: 117 Resp: 25559  
Ion Ratio Lower Upper  
117 100  
201 86.7 40.4 121.2

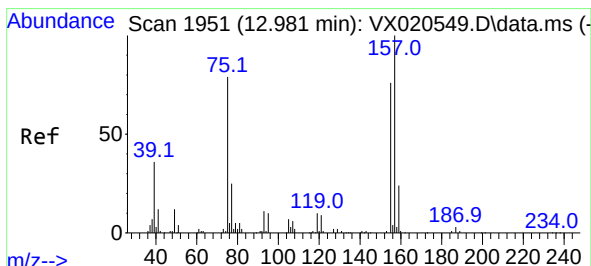
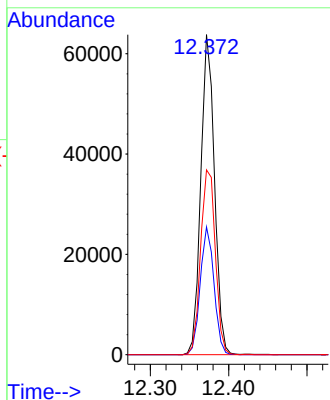
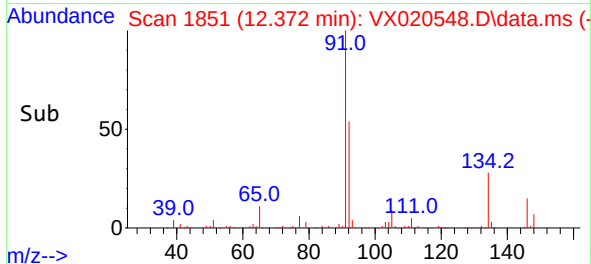




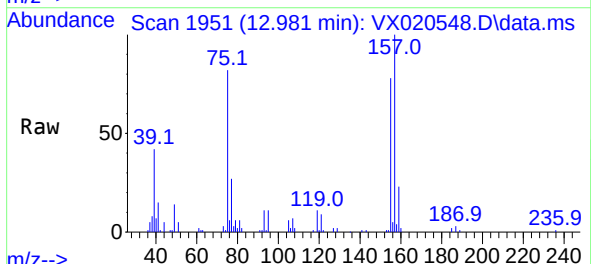
#91  
1,2-Dichlorobenzene  
Concen: 17.75 ug/l  
RT: 12.372 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



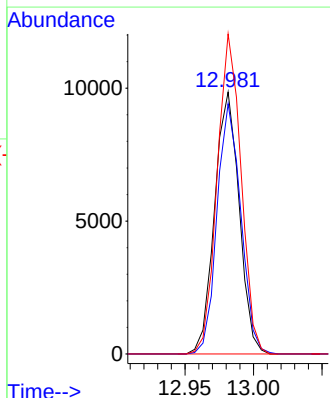
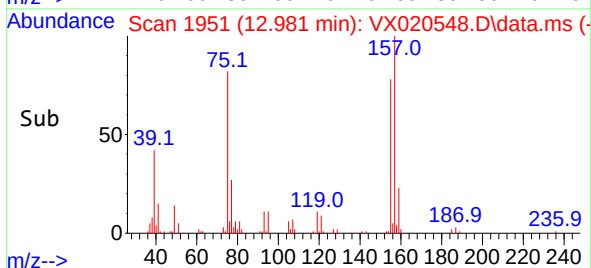
Tgt Ion: 146 Resp: 77350  
Ion Ratio Lower Upper  
146 100  
111 40.1 20.8 62.2  
148 62.2 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.69 ug/l  
RT: 12.981 min Scan# 1951  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



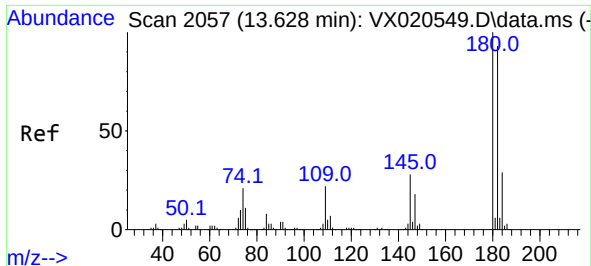
Tgt Ion: 75 Resp: 12263  
Ion Ratio Lower Upper  
75 100  
155 92.4 45.3 135.9  
157 118.9 57.7 173.1



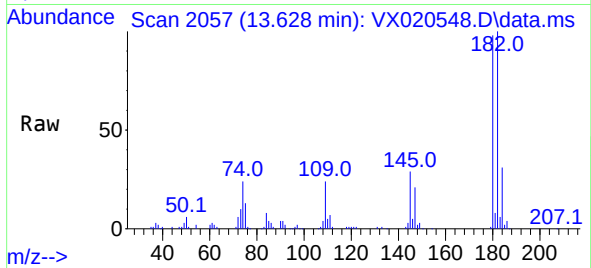
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

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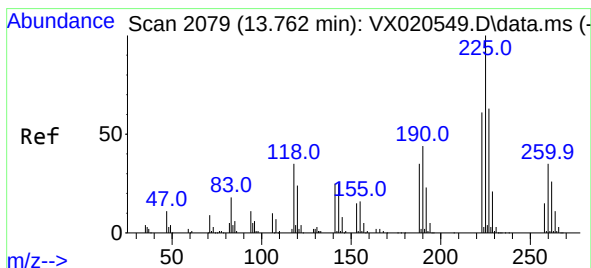
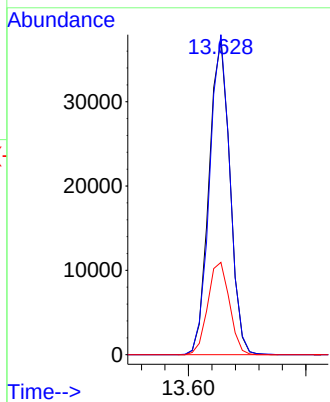
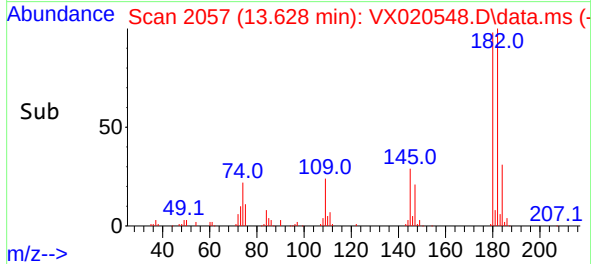
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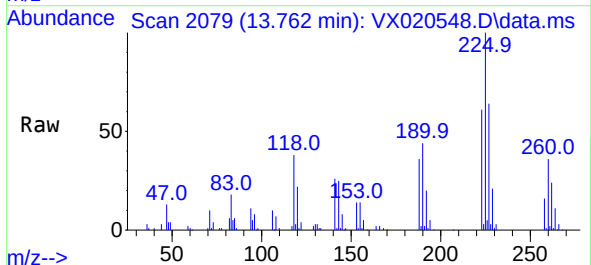
#93  
1,2,4-Trichlorobenzene  
Concen: 16.24 ug/l  
RT: 13.628 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



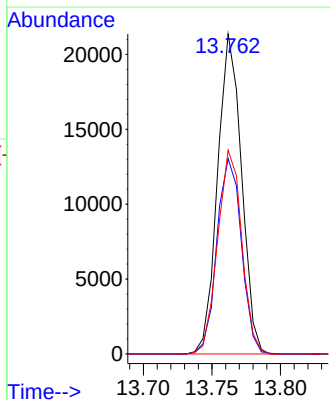
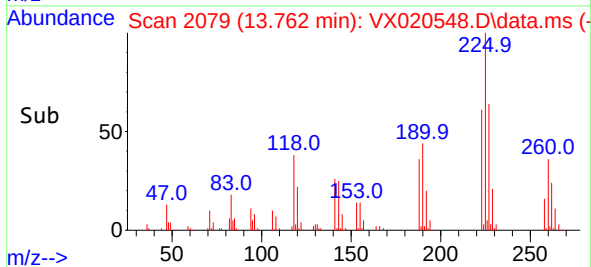
Tgt Ion:180 Resp: 46227  
Ion Ratio Lower Upper  
180 100  
182 98.7 47.7 143.1  
145 30.3 15.0 45.0



#94  
Hexachlorobutadiene  
Concen: 19.56 ug/l  
RT: 13.762 min Scan# 2079  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



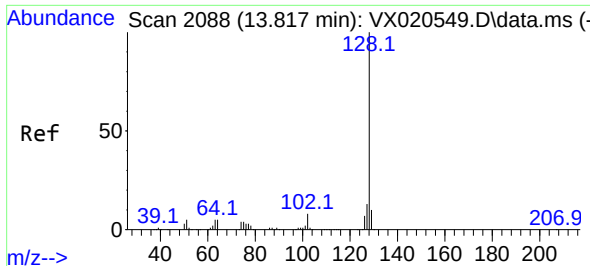
Tgt Ion:225 Resp: 25933  
Ion Ratio Lower Upper  
225 100  
223 62.5 31.1 93.2  
227 64.1 31.6 95.0



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

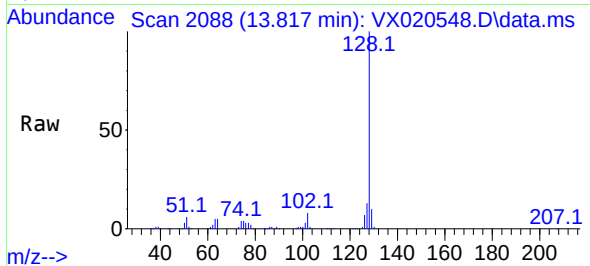
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1/12/2021 10:54:08 AM



#95  
Naphthalene  
Concen: 16.02 ug/l  
RT: 13.817 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26

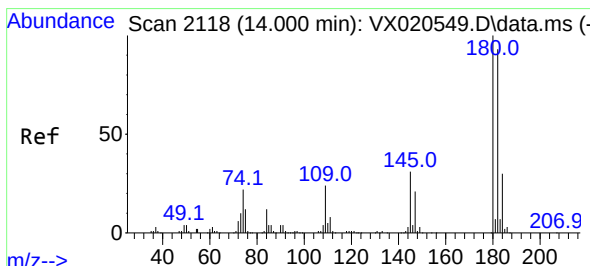
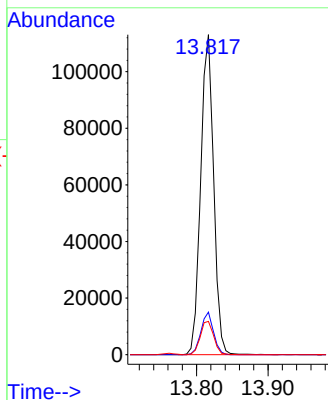
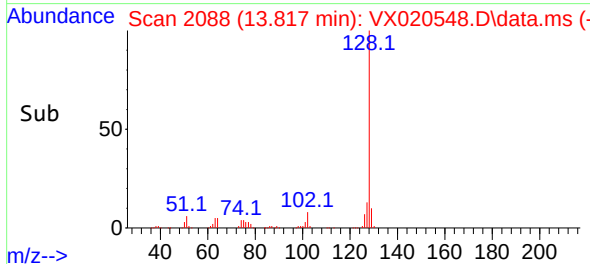
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020



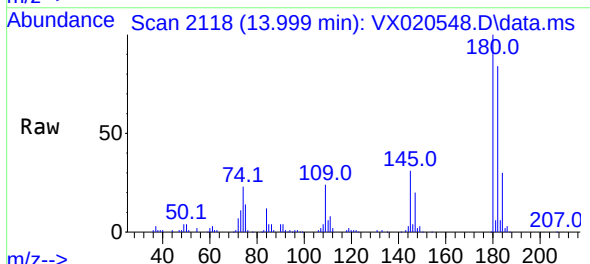
Tgt Ion:128 Resp: 142046  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.8 8.8 13.2

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1/12/2021 10:54:08 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 18.03 ug/l  
RT: 13.999 min Scan# 2118  
Delta R.T. -0.000 min  
Lab File: VX020548.D  
Acq: 11 Jan 2021 13:26



Tgt Ion:180 Resp: 50922  
Ion Ratio Lower Upper  
180 100  
182 91.9 47.6 142.9  
145 31.9 16.1 48.3

